Appendix AA (Continued)

Phase I Environmental Site Assessment Report–Convention and Events Center Project

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix D
Historical Sources

LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.5
July 14, 2011

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography July 14, 2011

Target Property:

1201 South Figueroa Street

Los Angeles, CA 90015

Year	***Scale***	***Details***	***Source***
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	Fairchild
1938	Aerial Photograph. Scale: 1"=555'	Flight Year: 1938	Laval
1947	Aerial Photograph. Scale: 1"=666'	Flight Year: 1947	Fairchild
1956	Aerial Photograph. Scale: 1"=400'	Flight Year: 1956	Fairchild
1965	Aerial Photograph. Scale: 1"=666'	Flight Year: 1965	Fairchild
1976	Aerial Photograph. Scale: 1"=666'	Flight Year: 1976	Teledyne
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=604'	/Composite DOQQ - acquisition dates: 1994	EDR
1994	Aerial Photograph. Scale: 1"=604'	/Composite DOQQ - acquisition dates: 1994	EDR
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR


INQUIRY #: 3121278.5
YEAR: 1928
= 500'
N


INQUIRY #: 3121278.5
YEAR: 1938
= 555'
N


INQUIRY #: 3121278.5
YEAR: 1947
= 666'
N


INQUIRY #: 3121278.5
YEAR: 1956
= 400'
N
EDR Environmental Data Resources Inc


INQUIRY #: 3121278.5
YEAR: 1965
= 666'
N


INQUIRY #: 3121278.5
YEAR: 1976
= 666'
N


INQUIRY #: 3121278.5
YEAR: 1989
= 666'
N


INQUIRY #: 3121278.5
YEAR: 1994
= 604'
N


INQUIRY #: 3121278.5
YEAR: 1994
= 604'
N


INQUIRY #: 3121278.5
YEAR: 2002
= 666'
N


INQUIRY #: 3121278.5
YEAR: 2005
= 604'
N
EDR Environmental Data Resources Inc

LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.6
July 12, 2011

The EDR-City Directory Abstract

Environmental Data Resources Inc
440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

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Executive Summary

Findings

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2006. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2006	Haines Company, Inc	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	X	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	X	-	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	X	-	X	-
1990	Pacific Bell	X	X	X	-
1986	Pacific Bell	X	X	X	-
1985	Pacific Bell	X	-	X	-
1981	Pacific Telephone	X	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	X	X	X	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	X	X	X	-
1970	R. L. Polk & Co.	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	X	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	Pacific Telephone	-	X	X	-
1964	Pacific Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	X	X	-
1955	Home Directory Service	-	-	-	-
1954	R. L. Polk & Co.	X	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Directory Co.	-	-	-	-
1950	Pacific Telephone	X	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Los Angeles Directory Co.	-	-	-	-
1946	Western Directory Co.	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	X	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Kaasen Directory Company Publishers	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
1111 South Figueroa Street	Client Entered	X
1191 South Figueroa Street	Client Entered	
1269 South Figueroa Street	Client Entered	X
1301 South Figueroa Street	Client Entered	X
740 West 11th Street	Client Entered	X
1110 West 11th Street	Client Entered	
751 West 12th Street	Client Entered	
801 West Pico Boulevard	Client Entered	X
1101 West Pico Boulevard	Client Entered	X
1211 West Pico Boulevard	Client Entered	
1206 West Pico Boulevard	Client Entered	X
1260 South Cherry Street	Client Entered	
1332 Bond Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1201 South Figueroa Street
Los Angeles, CA 90015

FINDINGS DETAIL

Target Property research detail.

Year	*Uses*	*Source*
2006	CONVENTN CENTER	Haines Company, Inc
	ENTERTAINMENT	Haines Company, Inc
	EXHBTN CNTR	Haines Company, Inc
	LACONVENTION&	Haines Company, Inc
	OGDEN	Haines Company, Inc
	SERVICES	Haines Company, Inc
2000	CONVENTN CENTER LA	Haines & Company
	LA COVNETN & EXHBTN	Haines & Company
	LA CTY CONVENTN CTR	Haines & Company
1995	Administration Offices	Pacific Bell
	Los Angeles Convention & Exhibition Cente	Pacific Bell
	LOS ANGELES CONVENTION & EXHIBITION CENTER LOS ANGELES	Pacific Bell
	Show Information	Pacific Bell
1991	Administration Offices	Pacific Bell
	Administration Offices 7411151	Pacific Bell
	LOS ANGELES	Pacific Bell
	LOS ANGELES COUNTRY CLUB	Pacific Bell
	Show Information	Pacific Bell
1990	CONVENTION CENTER LOS ANGELES	Pacific Bell
	LOS ANGELES CONVENTION & EXHIBITION CENTER	Pacific Bell
1986	CONVENTION CENTER LOS ANGELES	Pacific Bell
	LOS ANGELES CONVENTION & EXHIBITION CENTER	Pacific Bell
	OGDEN FOOD	Pacific Bell
1985	Administration Offices	Pacific Bell
	LOS ANGELES CONVENTION & EXHIBITION CENTER LOS ANGELES	Pacific Bell
	LOS ANGELES CONVENTION & EXHIBITION CENTER LOS ANGELES	Pacific Bell

FINDINGS

Year	Uses	Source
1985	Show Information	Pacific Bell
1981	CONVENTION CENTER LOS ANGELES SHOW INFORMATION ADMIN OFFICES	Pacific Telephone
	LOS ANGELES CONVENTION & EXHBITION CENTER	Pacific Telephone
	OGDEN FOOD	Pacific Telephone
	THE REYNOLDS & REYNOLDS CO	Pacific Telephone
1976	Administration & Banquet Sales	Pacific Telephone
	CONVENTION CENTER Admin Offices	Pacific Telephone
	Convention Center Los Angeles Show Information Admin Offices	Pacific Telephone
	Exhibit & Show Service Inc	Pacific Telephone
	Interstate United	Pacific Telephone
	KALEIDOSCOPE KATERERS	Pacific Telephone
	KALEIDOSCOPE RESTAURANT	Pacific Telephone
	LOS ANGELES CITY OF contd	Pacific Telephone
	LOS ANGELES CONVENTION & EXHIBITION CENTER	Pacific Telephone
	VOLUME SERVICE DIV INTERSTATE UNITED	Pacific Telephone
1971	CONVENTION CENTER	Pacific Telephone
	Greyhound Food Management Inc	Pacific Telephone
	Little Tokyo Information Center	Pacific Telephone
	Presidents Walk restrnt	Pacific Telephone
	Robert E McKee General Contractors Inc	Pacific Telephone
1967	Building Service Employees Health & Welfare Trust Fund	Pacific Telephone
	BUILDING SERVICE EMPLOYEES INTERNATIONAL UNION AFL CIO	Pacific Telephone
	California State Council of Buldiing Service Employees AFL IO	Pacific Telephone
	Hardy Geo	Pacific Telephone
	Trust Fund Servicing Co	Pacific Telephone
1954	MOTOR SALES OF CALIF INC	R. L. Polk & Co.
1950	MOTOR SALES OF CALIF INC	Pacific Telephone
1942	HENDRICKSON Motor Co W J Hendrickson used cars	Los Angeles Directory Co.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Bond Street

1332 Bond Street

Year	*Uses*	*Source*
1986	YANEZ CONNIE	Pacific Bell
	CONDE CARLOS	Pacific Bell
	GUEVARA JOSEFINA	Pacific Bell
	ROMERO ERNESTINA	Pacific Bell
	FELIX RAMIRO	Pacific Bell
	RUIZ MAXIMINO	Pacific Bell
	DE LA CRU ENCARNACION	Pacific Bell
	HERNANDEZ MARIBEL	Pacific Bell
	ROMERO ANA CRISTELA	Pacific Bell
	QUINONEZ GUADALUPE R	Pacific Bell
1981	RAMOS JOSE	Pacific Telephone
	ONTIVEROS JESUS J	Pacific Telephone
	CHINCHILLA MAELENA	Pacific Telephone
	YANEZ CONNIE	Pacific Telephone
	GUZMAN MARCIANO	Pacific Telephone
	JORDAN NORBI ACEVEDO	Pacific Telephone
	LOPEZ SOPHIA	Pacific Telephone
	TREJO REYES	Pacific Telephone
	TORRES AGUSTIN CORTES	Pacific Telephone
	RUIZ MAXIMINO	Pacific Telephone
	ROMERO ANA CRISTELA	Pacific Telephone

FIGUEROA S

1228 FIGUEROA S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1235 FIGUEROA S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

FINDINGS

1240 FIGUEROA S

Year	Uses	Source
2000	XXXX	Haines & Company

1248 FIGUEROA S

Year	Uses	Source
2000	MERUELO Homere	Haines & Company

N FIGUEROA ST

1151 N FIGUEROA ST

Year	Uses	Source
1933	GARLAND Wm D Margaretta firemn LAFD	Los Angeles Directory Co.
	CLARK Irving T mgr Cohn Goldwater & Co	Los Angeles Directory Co.
1929	Garland Margaretta B sten	Los Angeles Directory Co.
	BERGMAN Margaretta sten	Los Angeles Directory Co.

1153 N FIGUEROA ST

Year	Uses	Source
1933	DIXON A Eug Baeulah O slsmn	Los Angeles Directory Co.
	DIXON Eug A Beulah slsmn Electrolux Inc	Los Angeles Directory Co.
	STEWARD Donald	Los Angeles Directory Co.
1929	BERGMANN Helen L sten	Los Angeles Directory Co.
	CLARK Irving T Otis creditmn Cohn Goldwater Mfg Co	Los Angeles Directory Co.
	BERGMANN Jos K Helen gro	Los Angeles Directory Co.

S FIGUEROA

1150 S FIGUEROA

Year	Uses	Source
1981	TEMPLE STREET GARAGE	Pacific Telephone
	FIALLOS ALEX	Pacific Telephone
	EXCLUSIVE ACCOUNTS MANAGEMENT INC	Pacific Telephone
	TEMPLE STREET GARAGE	Pacific Telephone
1967	ECONOMY TYPESETTING SERV	Pacific Telephone
1962	ECONOMY TYPESETTING SERV	Pacific Telephone

FINDINGS

1151 S FIGUEROA

Year	Uses	Source
1962	Foster Dorothy Real Estate	Pacific Telephone

1160 S FIGUEROA

Year	Uses	Source
1986	SEARS RENT-A-CAR	Pacific Bell
	BUDGET RENT-A-CAR	Pacific Bell
1981	TEMPLE STREET GARAGE INC	Pacific Telephone
1967	Feinstein Gilbert Aldine Printing Co	Pacific Telephone
	Feinstein Harold E Aldine Printing Co	Pacific Telephone
	Aldine Printing Co	Pacific Telephone
	ALDINE LEASING CO	Pacific Telephone
	Wholesale Ofc	Pacific Telephone
	ALDINE COMPANY	Pacific Telephone
	Main Ofc	Pacific Telephone
	ALDINE COMPANY	Pacific Telephone
1962	Feinstein Harold E Aldine Printing Co	Pacific Telephone
	Feinstein Gilbert Aldine Print Ing Co	Pacific Telephone
	Aldine Company	Pacific Telephone
	Main Ofc	Pacific Telephone
	Aldine Company	Pacific Telephone
	Wholesale Ofc	Pacific Telephone
	Aldine Leasing Co	Pacific Telephone
	ALDINE PRINTING CO	Pacific Telephone

1165 S FIGUEROA

Year	Uses	Source
1967	Downtown Stores	Pacific Telephone
	FIRESTONE STORES DIV OF FIRESTONE TIRE & RUBBER CO Los Angeles Retail Stores	Pacific Telephone
1962	FIRESTONE TIRE & RUBBER CO Retail Stores	Pacific Telephone

1200 S FIGUEROA

Year	Uses	Source
1990	WEIL MFG CO	Pacific Bell
1986	WEIL MFG CO	Pacific Bell
1981	DAVIDA SPORT	Pacific Telephone
	JUNIORS BY JOVE	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	OSTROW SALES CORP	Pacific Telephone
	OSTROW SALES CORP	Pacific Telephone
	OSTROW SID AUCTIONEERS	Pacific Telephone
	RACINE EARL N	Pacific Telephone
	SID OSTROW S CUT-RATE OFFICE EQUIPMENT CO	Pacific Telephone
	SID OSTROWS CUT-RATE OFFICE EQUIPMNT CO	Pacific Telephone
	SUSAN RICHARDS INC	Pacific Telephone
1967	NEWHOFF SIDNEY ASSOCIATES novlty & decrtv mtrls	Pacific Telephone
1962	Epi Hab L A Inc	Pacific Telephone
	Epi Hab U S A Inc	Pacific Telephone
	NEWHOFF SIDNEY ASSOCIATES novlty & decrtv mtrls	Pacific Telephone

1215 S FIGUEROA

Year	Uses	Source
1962	KELLEY LES LEASING CO	Pacific Telephone
	Kelley Sidney H Inc	Pacific Telephone
	KELLEY KAR CO autos	Pacific Telephone
	KELLEY FINANCE CO	Pacific Telephone
	Kelley Blue Book Publishing Co	Pacific Telephone
	KELLEY BLUE BOOK PUBLISHING CO	Pacific Telephone

1217 S FIGUEROA

Year	Uses	Source
1967	STANDARD PARTS CO auto	Pacific Telephone
	STANDARD AUTO PARTS CO	Pacific Telephone

1221 S FIGUEROA

Year	Uses	Source
1967	METROPOLITAN BLUE PRINT CO	Pacific Telephone

1225 S FIGUEROA

Year	Uses	Source
1967	GUILD LINGERIE OF California	Pacific Telephone
	Bloch Harry S Guild Lingerie of California	Pacific Telephone
	Holiday Fashions beachwear	Pacific Telephone

FINDINGS

1228 S FIGUEROA

Year	Uses	Source
1967	Ostrow Sales Corp	Pacific Telephone
1933	MITCHELL Edw D used cars	Los Angeles Directory Co.

1237 S FIGUEROA

Year	Uses	Source
1962	Isuzu Motor Co Ltd	Pacific Telephone

1240 S FIGUEROA

Year	Uses	Source
1962	Printing Plant	Pacific Telephone
	SCHWABACHER REY CO	Pacific Telephone
	Lithocheck Dept	Pacific Telephone
	SCHWABACHER REY CO	Pacific Telephone
	L A Sales Ofc	Pacific Telephone
	SPEED O PRINT DISTR	Pacific Telephone
	SCHWABACHER REY CO	Pacific Telephone

S FIGUEROA ST

1143 S FIGUEROA ST

Year	Uses	Source
1924	Bizall John F clk r	Los Angeles Directory Co.
	SMITH Marie waiter h	Los Angeles Directory Co.
	Saint Florence asst cashr L A Creamery r	Los Angeles Directory Co.
	Bizall M blksmth r	Los Angeles Directory Co.

1145 S FIGUEROA ST

Year	Uses	Source
1933	LYNCH Grover C Eliz autos	Los Angeles Directory Co.
1929	MILLER Herbt R Georgia autos	Los Angeles Directory Co.
1924	BROWN T sawyer r	Los Angeles Directory Co.
	Drakulich Mike welder L A Gas & Elec Corp r	Los Angeles Directory Co.
	HOPKINS Mary C wid G W h	Los Angeles Directory Co.
	JONES Harvey A clk r	Los Angeles Directory Co.
	JONES H A clk r	Los Angeles Directory Co.
	Ragle W Orval clk r	Los Angeles Directory Co.
	Witte Aug shtmtlwkr r	Los Angeles Directory Co.

FINDINGS

1148 S FIGUEROA ST

Year	Uses	Source
1924	HUNTER Margt waiter h	Los Angeles Directory Co.

1150 S FIGUEROA ST

Year	Uses	Source
1971	ECONOMY TYPESETTING SERVICE	Pacific Telephone
1958	Economy Typesetting Serv	Pacific Telephone
1942	used car dept	Los Angeles Directory Co.
1937	Hupmobile Motor Cars	Los Angeles Directory Co.
1924	LEAVITT J W & CO L V Starr V Pres Oldsmobile Motor Cars	Los Angeles Directory Co.
	OLDSMOBILE MOTOR CARS J W Leavitt & Co Distributors	Los Angeles Directory Co.

1153 S FIGUEROA ST

Year	Uses	Source
1924	Nyhug Edna slswmn r	Los Angeles Directory Co.

1154 S FIGUEROA ST

Year	Uses	Source
1942	Sadowsky John restrwkr	Los Angeles Directory Co.
1924	Nowatny Clara E clk h	Los Angeles Directory Co.

1158 S FIGUEROA ST

Year	Uses	Source
1942	Gill Donald	Los Angeles Directory Co.

1160 S FIGUEROA ST

Year	Uses	Source
1976	Aldine Company Office Supplies & Equipment	Pacific Telephone
	Aldine Company	Pacific Telephone
	Aldine Printing Co	Pacific Telephone
1971	Aldine Printing Co	Pacific Telephone
	ALDINE COMPANY	Pacific Telephone
1965	ALDINE CO	Pacific Telephone
1962	ALDINE CO	Pacific Telephone
1958	Feinstein Harold E Aldine Printing Co	Pacific Telephone
	Feinstein Gilbert Aldine Printing Co	Pacific Telephone
	ALDINE PRINTING COMPANY	Pacific Telephone
	Aldine Co	Pacific Telephone

Year	Uses	Source
1958	Aldine Company Aldine Printing Company	Pacific Telephone
	Aldine Leasing Co	Pacific Telephone

1165 S FIGUEROA ST

Year	Uses	Source
1958	FIRESTONE TIRE & RUBBER CO District Sales Ofc	Pacific Telephone
1937	FIRESTONE AUTO SUPPLY & SERVICE STORES Formerly Firestone Service Stores Tires Batteries Tire Retreading and Repairing Brake Service Automobile Supplies LOS ANGELES STORE	Los Angeles Directory Co.
	FIRESTONE TIRE & RUBBER CO District Sales Office	Los Angeles Directory Co.
1933	FIRESTONE Tire & Rubber Co C E Traweek dist mgr	Los Angeles Directory Co.
1929	Firestone Tire & Rubber Co R J Cope br mgr	Los Angeles Directory Co.
1924	Firestone Tire & Rubber Co E S Firestone br mgr	Los Angeles Directory Co.

1166 S FIGUEROA ST

Year	Uses	Source
1929	Hambarian Fred chauf	Los Angeles Directory Co.

1170 S FIGUEROA ST

Year	Uses	Source
1933	WILLIAMS Ellen E sten LAPD	Los Angeles Directory Co.

1200 S FIGUEROA ST

Year	Uses	Source
1976	By Jove	Pacific Telephone
	CUT RATE OFFICE EQUIPMENT CO	Pacific Telephone
	Cut Rate Office Equipment Co	Pacific Telephone
	J S E Inc	Pacific Telephone
	Juniors By Jove	Pacific Telephone
	Ostrow Sales Corp	Pacific Telephone
	Ostrow Sid Auctioneers	Pacific Telephone
	Racine Earl N	Pacific Telephone
	Sid Ostrows Cut Rate Office Equipment Co	Pacific Telephone
1971	Century Displays	Pacific Telephone
	DISPLAY MASTERS INC	Pacific Telephone
	NEWHOFF SIDNEY ASSOCIATES INC	Pacific Telephone

FINDINGS

Year	Uses	Source
1971	Sidney Newhoff Associates Inc	Pacific Telephone
1958	GREER-HALDEMAN PONTIAC AUTO DL:S	Pacific Telephone
	SAVAGE-HALDEMAN PONTIAC SEE GREER-HALDEMAN PONTIAC AUTO DLRS	Pacific Telephone
1957	GREER-HALDEMAN PONTIAC AUTO DLRS	Pacific Telephone
	SAVAGE-HALDEMAN PONTIAC SEE GREER-HALDUNIAIL POITLAC AUTO DIRS	Pacific Telephone
1956	GREER HALDEMAN PONTIAC AUTO DLRS	Pacific Telephone
	SAVAGE-HALDEMAN PONTIAC	Pacific Telephone
1954	SAVAGE-HALDEMAN PONTIAC AUTO DLRS	R. L. Polk & Co.
1950	SAVAGE-HALDEINANR CO INC AUTO DIRS	Pacific Telephone
	SAVAGE HALDEMAN CO INC AUTO DURS	Pacific Telephone
	SAVAGE-HALDEMAN CO INC AUTO DLRS	Pacific Telephone
	SAVAGE-HALDEMAN CO INC AUTO DLRS	Pacific Telephone
1942	SAVAGE HALDEMAN CO C R Savage H F Haldeman Pontlac Headquarters for Sales Service and Parts Worlds Largest Pontlac Dealers	Los Angeles Directory Co.
1937	SAVAGE Haldeman Co C R Savage pres H F Haldeman v pres H B Haldeman sec autos	Los Angeles Directory Co.
1929	GARTZMANN REEVE INC Reeve Gartzmann Pres and Gen Mgr Geo M Hawley San Diego V Pres and Treas T A Overgard Sec H E Franklin Gen Sales Mgr Distributors Oakland Motor Cars a	Los Angeles Directory Co.
	PONTIAC CARS Reeve Gartzmann Inc Distributors	Los Angeles Directory Co.
1924	Landis Harry driver r	Los Angeles Directory Co.
	Hampton Isabelle W Mrs china decorator	Los Angeles Directory Co.
	LEE Harry electr r	Los Angeles Directory Co.

1202 S FIGUEROA ST

Year	Uses	Source
1924	Coneau Walter auto mtlwkr r	Los Angeles Directory Co.
	Mc CLELLAN Leona waiter r	Los Angeles Directory Co.
	WEBSTER Chas M slsmn h	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	WOOD Helen Mrs clk r	Los Angeles Directory Co.
	WOODS Macy floor inshr r	Los Angeles Directory Co.

1203 S FIGUEROA ST

Year	Uses	Source
1971	Mealtime Mkt	Pacific Telephone
1924	TURNER Emma waiter r	Los Angeles Directory Co.

1204 S FIGUEROA ST

Year	Uses	Source
1924	PETERSON W L r	Los Angeles Directory Co.
	Mayan N J watchmn r	Los Angeles Directory Co.
	Ryding Lottie h	Los Angeles Directory Co.
	STEVENSON Geo P decorator r	Los Angeles Directory Co.
	Weideman J carp r	Los Angeles Directory Co.
	Putney M Eva wid L M h	Los Angeles Directory Co.
	MARSHALL Hannah K Mrs r	Los Angeles Directory Co.
	Cordray L auto accessories r	Los Angeles Directory Co.
	Boland G H r	Los Angeles Directory Co.

1206 S FIGUEROA ST

Year	Uses	Source
1924	BECK Dave Dave Beck & Co h	Los Angeles Directory Co.
	BOWSER M La Vinnia wid W E nurse h	Los Angeles Directory Co.
	FRANKLIN Edwd r	Los Angeles Directory Co.
	Valliere Lon r	Los Angeles Directory Co.
	Hoagland Eleanor W Mrs h	Los Angeles Directory Co.
	LAWRENCE Chas r	Los Angeles Directory Co.
	Samiger Fred truck driver r	Los Angeles Directory Co.
	GENTRY Wm H oil r	Los Angeles Directory Co.

1208 S FIGUEROA ST

Year	Uses	Source
1924	Bodel Chas H h	Los Angeles Directory Co.
	Bodel Mary L Mrs r	Los Angeles Directory Co.
	WALKER Sara Mrs toilette parlor	Los Angeles Directory Co.
	Deetling A mach r	Los Angeles Directory Co.
	Van Louven Alfd auto opr r	Los Angeles Directory Co.
	DIXON Arthur D slsmn Cal Oakland Motor Co r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Dettling A W auto mech r	Los Angeles Directory Co.

1210 S FIGUEROA ST

Year	Uses	Source
1942	ALEXANDER Merton Debba restr	Los Angeles Directory Co.
1937	Angeleske Antonio restr	Los Angeles Directory Co.
1933	Angliske Anton restr	Los Angeles Directory Co.
1929	HENDERSON Grace restr	Los Angeles Directory Co.
1924	HARMAN Daisy rest	Los Angeles Directory Co.

1211 S FIGUEROA ST

Year	Uses	Source
1958	Katzman Sam used cars	Pacific Telephone
	DOWNTOWN AUTO SALES	Pacific Telephone
	Dependable Sam used cars	Pacific Telephone
1929	BRUNNER Frank R Perle treas Peck & Chase Co	Los Angeles Directory Co.
1924	FORD Helen A sec Peck & Chase Co r	Los Angeles Directory Co.

1212 S FIGUEROA ST

Year	Uses	Source
1933	BROWN Bros W T and Sewall auto loans	Los Angeles Directory Co.

1213 S FIGUEROA ST

Year	Uses	Source
1976	Gillie L	Pacific Telephone
1933	Blaine Harold J registrar Cal College of Embalming	Los Angeles Directory Co.
	BRUNNER Frank R Perle treas Pock & Chase Co	Los Angeles Directory Co.
	BRUNNER John H pres Cal College of Embalming and Peck & Chase Co	Los Angeles Directory Co.
	PECK & Chase Co J M Brunner pres J W Musselman v pres Bessie Lant sec F R Brunner treas funeral dir	Los Angeles Directory Co.
1929	BRADLEY Geo	Los Angeles Directory Co.
	BRUNER J M v pres Pac Coast Concrete Co	Los Angeles Directory Co.
	Dickerson Donald	Los Angeles Directory Co.
	Kirsten Maurice	Los Angeles Directory Co.
1924	PECK & CHASE CO J M Brunner V Pres H A Ford Sec J W Musselman Treas Funeral Directors	Los Angeles Directory Co.

FINDINGS

1214 S FIGUEROA ST

Year	Uses	Source
1924	Mac Dry Battery Co Inc Paul R Mc Gilton pres	Los Angeles Directory Co.

1215 S FIGUEROA ST

Year	Uses	Source
1933	GOLD MAYTORENA CO Phil Gold Henry A Maytorena Dealers in Select Used Cars Auto Loans	Los Angeles Directory Co.

1216 S FIGUEROA ST

Year	Uses	Source
1958	Hovey Gertrude Mrs	Pacific Telephone
1942	Dowdell Curtis K Ada tires	Los Angeles Directory Co.
1937	Dowdell Curtis R Dickie tires	Los Angeles Directory Co.
1933	Dowdell Curtis R Ada vulc	Los Angeles Directory Co.
1929	Dowdell Curtis R Ada vule	Los Angeles Directory Co.

1217 S FIGUEROA ST

Year	Uses	Source
1924	BUSCH Ralph H auto mech h	Los Angeles Directory Co.

1218 S FIGUEROA ST

Year	Uses	Source
1924	Dye John T Inc used cars	Los Angeles Directory Co.

1220 S FIGUEROA ST

Year	Uses	Source
1942	CARLIN Jas A Helen M autos	Los Angeles Directory Co.
1933	REEDER Jack R used cars	Los Angeles Directory Co.
1929	JORDAN MOTOR CARS Lord Motor Co Distributors for Southern California	Los Angeles Directory Co.
	Used Car Lot	Los Angeles Directory Co.

1221 S FIGUEROA ST

Year	Uses	Source
1929	GRAHAM PAIGE CO OF SOUTHERN CALIFORNIA J M Sterling Gen Manager	Los Angeles Directory Co.
	Used Car Dept	Los Angeles Directory Co.
1924	NICHOLSON Claude F insp City Health Dept r	Los Angeles Directory Co.
	BURKE Leo A clk r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	NICHOLSON Arrol F h	Los Angeles Directory Co.

1222 S FIGUEROA ST

Year	Uses	Source
1971	Boyle Frances I	Pacific Telephone
	Merrick Irene	Pacific Telephone

1223 S FIGUEROA ST

Year	Uses	Source
1929	FORRESTTER U H jr slsmn Graham Paige Co	Los Angeles Directory Co.
1924	Dye John T autos	Los Angeles Directory Co.

1224 S FIGUEROA ST

Year	Uses	Source
1933	RHODES Elvin C clk	Los Angeles Directory Co.
1924	Crot Andre welding	Los Angeles Directory Co.

1225 S FIGUEROA ST

Year	Uses	Source
1958	WORKMENS AUTO INS CO	Pacific Telephone
	KELLY CAR CO	Pacific Telephone
	KELLEY FINANCE CO	Pacific Telephone
	KELLEY LES LEASING CO	Pacific Telephone
	KELLEY KAR CO autos	Pacific Telephone
	Kelley Auto Club	Pacific Telephone
	KELLEY BLUE BOOK PUBLISHING CO	Pacific Telephone
	KELLEY CAR CO	Pacific Telephone
	KELLY AUTO CLUB	Pacific Telephone
1942	KELLEY Kar Co R L Kelley pres S H Kelley v pres F F Phillips treas used autos	Los Angeles Directory Co.
1937	See right side lines and pegs 2408	Los Angeles Directory Co.
	KELLEY KAR Co R Leslle Kelley Pres J A Carlin V Pres A V London Sec High Grade Selected Automobiles and Automobile Loans	Los Angeles Directory Co.
1933	KELLEY KAR CO R Leslie Kelley High Grade Selected Automobiles	Los Angeles Directory Co.
1929	KELLEY KAR COMPANY R Leslie Kelley Good Used Cars Auto Loans Our Buy Back Plan Saves You Money	Los Angeles Directory Co.

FINDINGS

1226 S FIGUEROA ST

Year	Uses	Source
1933	ARMSTRONG Geo A	Los Angeles Directory Co.

1228 S FIGUEROA ST

Year	Uses	Source
1971	Ostrow Sid Auctioneers	Pacific Telephone
	Ostrow Sales Corp	Pacific Telephone
	CUT RATE OFFICE EQUIPMENT CO	Pacific Telephone
1967	CUT RATE OFFICE EQUIPMENT CO	Pacific Telephone
	Ostrow Sid Auctioneers	Pacific Telephone
1962	CUT RATE OFFICE EQUIPMENT CO	Pacific Telephone
	Ostrow Sales Corp	Pacific Telephone
1924	Eckford Robt B piston rings	Los Angeles Directory Co.

1229 S FIGUEROA ST

Year	Uses	Source
1924	DOWDELL Rubber Co C B C Z and C R Dowdell vule	Los Angeles Directory Co.

1230 S FIGUEROA ST

Year	Uses	Source
1933	BARNES & Chudacoff Bert Barnes Jack Chudacoff used cars	Los Angeles Directory Co.

1231 S FIGUEROA ST

Year	Uses	Source
1924	Alshuler Harry D mgr Stover Signal Engineering Co r	Los Angeles Directory Co.
	PARK Transfer Co A R Nicholson	Los Angeles Directory Co.

1233 S FIGUEROA ST

Year	Uses	Source
1924	FINLEY L C & Son L C and Otto Finley signs	Los Angeles Directory Co.

1234 S FIGUEROA ST

Year	Uses	Source
1929	Bonder Jack Celia clo clnr	Los Angeles Directory Co.

FINDINGS

1237 S FIGUEROA ST

Year	Uses	Source
1933	HOWARD AUTOMOBILE COMPANY OF LOS ANGELES USED CAR DEPARTMENTS Gold Seal Bulcks and All Other Makes of Used Cars	Los Angeles Directory Co.
1929	Bigelow Leon auto mech	Los Angeles Directory Co.
1924	ELLIS Robt J auto painter	Los Angeles Directory Co.
	Heide Henry auto repr	Los Angeles Directory Co.
	SAVAGE Wm P auto top mfr	Los Angeles Directory Co.

1240 S FIGUEROA ST

Year	Uses	Source
1976	Kraus Originals Inc	Pacific Telephone
1971	Kraus Originals Inc	Pacific Telephone
	PARGMAN HARRY	Pacific Telephone
1958	SPEED O PRINT DISTR	Pacific Telephone
	SCHWABACHER FREY CO	Pacific Telephone
1942	NASH MOTOR CARS Nesh California Co Southern California Distributors	Los Angeles Directory Co.
	HONIG SPENCER T Marie Nesh California Co	Los Angeles Directory Co.
1937	Pier Neil with Thompson Nash Motor Co	Los Angeles Directory Co.
	NASH MOTOR CARS Thompson Nash Motor Co Southern California Distributors	Los Angeles Directory Co.
	LAFAYETTE MOTOR CARS Nash Built Thompson Nash Motor Co Southern California Distributors	Los Angeles Directory Co.
1933	ROCKNE MOTORS CORP Distributors Rockno Motor Cars Main Office	Los Angeles Directory Co.
1929	PEERLESS MOTOR CARS Lord Motor Co Distributors	Los Angeles Directory Co.
	LORD MOTOR CAR CO Harry A Lord Pres Distributors for Southern California for Jordan and Peerless Motor Cars	Los Angeles Directory Co.
	JORDAN MOTOR CARS Lord Motor Co Distributors for Southern California	Los Angeles Directory Co.
1924	JORDAN MOTOR CARS Lord Motor Car Co Distributors for Southern California	Los Angeles Directory Co.
	LORD MOTOR CAR CO P A Lord H A Lord Distributors for Southern California for Velie Automobiles and Jordan Motor Cars	Los Angeles Directory Co.
	VELIE MOTOR CARS Lord Motor Car Co Distributors for Southern California	Los Angeles Directory Co.

FINDINGS

1241 S FIGUEROA ST

Year	*Uses*	*Source*
1929	BERNSTEIN Sidney A sch supp	Los Angeles Directory Co.

South Figueroa Street

1111 South Figueroa Street

Year	*Uses*	*Source*
2006	ANGELES LAKERS	Haines Company, Inc
	BUILDING	Haines Company, Inc
	ARAMARK	Haines Company, Inc
	SERVICES	Haines Company, Inc
	CLUB RSTRNT	Haines Company, Inc
	FACILMES	Haines Company, Inc
	FOXSKYBOX	Haines Company, Inc
	RESTAURANT&BAR	Haines Company, Inc
	LACUPPERS	Haines Company, Inc
	ADMIN OFC	Haines Company, Inc
	LACUPPERS	Haines Company, Inc
	TICKET SALES	Haines Company, Inc
	STAPLES CENTER	Haines Company, Inc
	STAPLES CENTER	Haines Company, Inc
	STAPLES CENTER	Haines Company, Inc
	STAPLES CENTER	Haines Company, Inc
	BOX OFFICE	Haines Company, Inc
	STAPLES CENTER	Haines Company, Inc
	LEVY RSTRNT INC	Haines Company, Inc
	STAPLESCT ARENA	Haines Company, Inc
	STAPLES CT FOX	Haines Company, Inc
	SKYBOX RSTRNT	Haines Company, Inc
	STAPLESCTLA	Haines Company, Inc
	CLIPPERS	Haines Company, Inc
	STAPLES CT LOS	Haines Company, Inc
2000	STAPLES CT LEVY RESTAURANT INC	Haines & Company
	STAPLES CT LOS ANGELES LAKERS	Haines & Company
	BUILDING STAPLES CENTER	Haines & Company
	STAPLES CT ARENA CLUB RSTRNT	Haines & Company
	STAPLES CT ENVISION	Haines & Company
	STAPLES CT FOX SKYBOX RSTRNT	Haines & Company
	STAPLES CT KCBS TV	Haines & Company

FINDINGS

Year	Uses	Source
2000	STAPLES CT LA ARENA CO DEVLP 213 742 7 BSO	Haines & Company
	STAPLES CT LA AVENGERS	Haines & Company
	STAPLES CT LA CLIPPERS	Haines & Company
	STAPLES CT LA GALAXY	Haines & Company
	STAPLES CT LOS ANGELES KINGS	Haines & Company
	STAPLES CT LOS ANGELES SPARKS	Haines & Company
	STAPLES CT OGDEN ENTRTNMNT INC	Haines & Company
	STAPLES CT PRODUCTION FACILITY	Haines & Company
	STAPLES CT SPORTS ONC	Haines & Company
1967	Michigan Landau Co	Pacific Telephone
1962	WHITTINGTON W B INC	Pacific Telephone
1924	Peck Bessie J wid J M r	Los Angeles Directory Co.
	r	Los Angeles Directory Co.
	HORTON John S pub acct h	Los Angeles Directory Co.

1269 South Figueroa Street

Year	Uses	Source
2000	XXXX	Haines & Company
1967	HASKELL PONTIAC	Pacific Telephone
1962	JONES R F CO	Pacific Telephone
1958	METROPOLITAN FORD	Pacific Telephone
1942	MAY H Maurice M Edythe auto loans	Los Angeles Directory Co.
1929	GUARANTEED CADILLACS AND LASALLES All Makes Used Cars Don Lee	Los Angeles Directory Co.
	DON LEE Used Cars All Makes Guaranteed Cadillacs and La Salles	Los Angeles Directory Co.
	LEE DON Used Cars All Makes Guaranteed Cadillacs and La Salles	Los Angeles Directory Co.

1301 South Figueroa Street

Year	Uses	Source
2000	XXXX	Haines & Company
1986	AAA FLAG & BANNER MFG CO	Pacific Bell
1981	A A FLAG & BANNER MFG CO	Pacific Telephone
1976	Century La Clenega	Pacific Telephone
	Pico Figueroa	Pacific Telephone
1971	CROCKER CITIZENS NATIONAL BANK BRANCH OFFICES L A CITY	Pacific Telephone
	Pico Figueroa	Pacific Telephone
1967	Civic Center	Pacific Telephone

Year	Uses	Source
1967	Pico Figueroa	Pacific Telephone
1962	Covina	Pacific Telephone
	Pico Flgueroa	Pacific Telephone
1958	Covina Branch	Pacific Telephone
	Pico Figueroa Br	Pacific Telephone
1933	CITIZENS NATIONAL TRUST & SAVINGS BANK THE Pico Figueroa Branch B F Vogel Mgr	Los Angeles Directory Co.
1929	CITIZENS NATIONAL TRUST & SAVINGS BANK THE Pico Figueroa Branch B F Vogel Mgr H B Taylor Ast Mgr	Los Angeles Directory Co.
1924	CITIZENS TRUST & SAVINGS BANK Pico Figueroa Branch B F Vogel Mgr	Los Angeles Directory Co.

TRENTON

1201 TRENTON

Year	Uses	Source
1924	r	Los Angeles Directory Co.

1202 TRENTON

Year	Uses	Source
1937	Angeleske Antonio restr	Los Angeles Directory Co.
	Rue Edw A clo prsr	Los Angeles Directory Co.

1204 TRENTON

Year	Uses	Source
1942	Clapp G E	Los Angeles Directory Co.
	GRANT Helen Mrs	Los Angeles Directory Co.
	Kuster Alf fctywkr	Los Angeles Directory Co.
	Oldfield Fred driver	Los Angeles Directory Co.
1937	BLACK Lester	Los Angeles Directory Co.
	MOFFAT Clara E wid Robt C	Los Angeles Directory Co.
	NICHOLS Jas T Nelle L pntr	Los Angeles Directory Co.
	NICHOLS Jesse F Birttie	Los Angeles Directory Co.
	PORTER Luella wid Wm	Los Angeles Directory Co.
	RICHARDS Thos	Los Angeles Directory Co.
	Callen Eliza N wid Alvin	Los Angeles Directory Co.
	LIVINGSTON Robt	Los Angeles Directory Co.
1933	Cale Trunman A Irene prsmn	Los Angeles Directory Co.
1929	ECKMAN John W Bertha restr	Los Angeles Directory Co.

FINDINGS

1206 TRENTON

Year	Uses	Source
1942	BAKER Helen clk	Los Angeles Directory Co.
	Barriball Wm M	Los Angeles Directory Co.
	BURKE Benj	Los Angeles Directory Co.
	COOK Jos	Los Angeles Directory Co.
	GRANT Geo C	Los Angeles Directory Co.
	Hassey H C	Los Angeles Directory Co.
	Heinkle Fred	Los Angeles Directory Co.
	HENKEL Kenneth L driver	Los Angeles Directory Co.
	Liuyat Michl	Los Angeles Directory Co.
	MORRIS Andw J elev opr	Los Angeles Directory Co.
	Spreen Henry	Los Angeles Directory Co.
	Stutz Wm carp	Los Angeles Directory Co.
1937	Esparza Philip	Los Angeles Directory Co.
	Mc Ardle Blanche Mrs	Los Angeles Directory Co.
	MILLS Terry	Los Angeles Directory Co.
1929	Hoagland Eleanor W Mrs	Los Angeles Directory Co.
	PERRY John slsmn	Los Angeles Directory Co.
	Wertwick Robt slsmn r	Los Angeles Directory Co.

1208 TRENTON

Year	Uses	Source
1942	Logue Henry pntr	Los Angeles Directory Co.
	MORRIS Jack elev opr	Los Angeles Directory Co.
	Barney Juanita waiter	Los Angeles Directory Co.
	MYERS Benj H lab	Los Angeles Directory Co.
	Bresnahan Mary Mrs clk	Los Angeles Directory Co.
	JORGENSEN Sarah G jan	Los Angeles Directory Co.
	Barney Frank	Los Angeles Directory Co.
1933	SPRINGER David D Hilda auto mech	Los Angeles Directory Co.
1929	RINGER Rose E Mrs h	Los Angeles Directory Co.

TRENTON AVE

1208 TRENTON AVE

Year	Uses	Source
1942	Gering Sarah J	Los Angeles Directory Co.

FINDINGS

TRENTON WAY

1200 TRENTON WAY

Year	*Uses*	*Source*
1975	HELMS V JAS	Pacific Telephone

1204 TRENTON WAY

Year	*Uses*	*Source*
1975	KROHN NELLIE	Pacific Telephone

1207 TRENTON WAY

Year	*Uses*	*Source*
1980	BOISER LYDIA	Pacific Telephone

W 129TH ST

722 W 129TH ST

Year	*Uses*	*Source*
1967	Olson A E	Pacific Telephone
1960	OLSON A E	Pacific Telephone
1958	Olson A E	Pacific Telephone

W 12TH ST

719 W 12TH ST

Year	*Uses*	*Source*
1958	Kramer Florence	Pacific Telephone

727 W 12TH ST

Year	*Uses*	*Source*
1958	Edgar Alice Blanche	Pacific Telephone

801 W 12TH ST

Year	*Uses*	*Source*
1967	Hildebrand W W sheet mtl contr	Pacific Telephone
1958	Bindall Co bookbndrs	Pacific Telephone

820 W 12TH ST

Year	*Uses*	*Source*
1967	Scott C A	Pacific Telephone
1958	Parker W Neal	Pacific Telephone

823 W 12TH ST

Year	Uses	Source
1967	Georginos Shell Serv	Pacific Telephone
1958	Georginos Shell Serv	Pacific Telephone

West 11th Street

740 West 11th Street

Year	Uses	Source
1980	RELIABLE STEEL SUPPLY CO E 11TH ST LOS ANGELES	Pacific Telephone

West Pico Boulevard

1101 West Pico Boulevard

Year	Uses	Source
1937	Brainard Alma H wid T C	Los Angeles Directory Co.
1933	Mace & Rutherford Chas Mace Theo Rutherford used cars	Los Angeles Directory Co.
1929	PACIFIC Auto Spring Co H F Ward mar	Los Angeles Directory Co.
1924	Fontaine Albt H auto repr	Los Angeles Directory Co.

1206 West Pico Boulevard

Year	Uses	Source
1942	Venti Mariano Josephine barber	Los Angeles Directory Co.
1937	Library and Text Book Activities Elementary and High B W Reed supervising librarian	Los Angeles Directory Co.
	WHITE Sanitary Barber Shop Mariano and Basil Venti	Los Angeles Directory Co.
1933	Shipman Willie shoe shiner	Los Angeles Directory Co.
	Vent Bros Basil and Mariano barbers	Los Angeles Directory Co.
1929	Vent Basilio barber	Los Angeles Directory Co.

801 West Pico Boulevard

Year	Uses	Source
1962	The Chili House	Pacific Telephone
1937	BROWN Armin C Antonia restr	Los Angeles Directory Co.
1933	HASTY Oscar B Anna slsmn	Los Angeles Directory Co.
	HART Louis R chauf	Los Angeles Directory Co.
	WILLIAMS Saml cook	Los Angeles Directory Co.
	DARLING Theo restrwkr	Los Angeles Directory Co.
	La Toure Helen	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	ODAY Wm S Rose malt products	Los Angeles Directory Co.
1924	RITCHIE Fred waiter r	Los Angeles Directory Co.
	CARROLL Thos clk r	Los Angeles Directory Co.
	Pauffler Andw painter r	Los Angeles Directory Co.
	Meckstroth Henry & Son Henry and Ernest Meckstroth tailors	Los Angeles Directory Co.
	Bartell John clk r	Los Angeles Directory Co.
	Fuller Mark E blksmth h	Los Angeles Directory Co.
	Tarbit Eliztabeth wid Henry h	Los Angeles Directory Co.

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1201 South Figueroa Street	2004, 2003, 2001, 1999, 1996, 1992, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1101 West Pico Boulevard	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1110 West 11th Street	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1111 South Figueroa Street	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1143 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1145 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1148 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1150 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1150 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1151 N FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1153 N FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1153 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1154 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1158 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1160 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1160 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1165 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1165 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1166 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1170 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1191 South Figueroa Street	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1200 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1200 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1200 TRENTON WAY	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1201 TRENTON	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1202 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1202 TRENTON	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1203 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1204 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1204 TRENTON	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1204 TRENTON WAY	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1206 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1206 TRENTON	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1206 West Pico Boulevard	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1207 TRENTON WAY	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1208 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1208 TRENTON	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1208 TRENTON AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1210 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1211 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1211 West Pico Boulevard	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1212 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1213 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1214 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1215 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1215 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1216 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1218 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1220 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1221 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1222 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1224 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1225 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1225 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1226 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 FIGUEROA S	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1229 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1230 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1233 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1234 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 FIGUEROA S	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1240 FIGUEROA S	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1240 S FIGUEROA	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1240 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1241 S FIGUEROA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1248 FIGUEROA S	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1260 South Cherry Street	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1269 South Figueroa Street	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1301 South Figueroa Street	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1332 Bond Street	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
719 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
722 W 129TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
727 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
740 West 11th Street	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
751 West 12th Street	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
801 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
801 West Pico Boulevard	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
820 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
823 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.7
August 2, 2011

The EDR Environmental LienSearch™ Report



Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

LA EVENT CENTER
1201 South Figueroa Street
Los Angeles, CA 90015

RESEARCH SOURCE

Source 1:	Los Angeles County Recorder of Deeds
Source 2:	N/A
Examiner's Note:	Public records of Los Angeles County, CA were searched from January 1, 1980 to July19, 2011, and no other deeds were found of record.

PROPERTY DESCRIPTION

Current Owner:	LA Event Center
Legal Description:	see attached deed
Property Identifiers	APN**:** 5134-007-921
General Comments:	N/A

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	The City of Los Angeles
Title received from:	The Community Redevelopment Agency of the City of Los Angeles, California
Date Executed:	July 6, 1989
Date Recorded:	July 17, 1989
Book:	
Page:	
Volume:	
Instrument #:	891130460
Docket:	
Land Record Comments:	N/A

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

EDR Environmental LienSearch™ Report

DEED EXHIBIT

89 1130460

RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO:
TICOR TITLE INSURANCE CO. OF CALIFORNIA
The Community Redevelopment Agency of
the City of Los Angeles, California
354 South Spring Street, Suite 800
Los Angeles, California 90013
ATTN: Ed Winchell

RECORDED IN OFFICIAL RECORDS
OF LOS ANGELES COUNTY, CA
JUL 17 1989 AT 8 A.M.
Recorder's Office

Free Recording In Accordance
with Gov't Code Section 6103

GRANT DEED

FREE 8

10

For valuable consideration receipt of which is hereby acknowledged,

THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, CALIFORNIA, a public body, corporate and politic, of the State of California, herein called "Grantor", acting to carry out the Redevelopment Plan for the Central Business District Redevelopment Project (the "Redevelopment Plan"), hereby grants to THE CITY OF LOS ANGELES, a Municipal Corporation, herein called "Grantee", the real property, herein called "Property," which is described as set forth in Exhibit "A" attached hereto and incorporated herein by this reference, subject to covenants, reservations, restrictions, easements and rights of way of record.

1. The Property is conveyed in accordance with and subject to the Redevelopment Plan, the Cooperation Agreement between Grantee, the Grantor and The Los Angeles Convention And Exhibition Center Authority ("Authority") dated as of January 7, 1988 (the "Cooperation Agreement"), and that certain Certificate of Release and Waiver executed by the Grantor on _____, 1989 ("Certificate of Release"), each of which documents are a public record on file in the offices of the Grantor, and are by reference thereto incorporated herein as though fully set forth herein.

2. The Grantor specifically reserves 2,451,947 square feet of "Unused Floor Area Rights", as that term is defined in Section 704(1) of the Cooperation Agreement. The Grantor may sell, transfer, or otherwise apply towards the development of other property all or any portion of the Unused Floor Area Rights, subject to applicable laws.

3. Prior to recordation of a Certificate of Completion (as provided in Section 303 of the Cooperation Agreement) for the

Page 1 of 8

Gov. Code Sec. 6103

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.



improvements to be constructed on the Property:

(a) The Grantee shall have no power to make any voluntary sale, transfer, conveyance, assignment or lease of the Property or any building or structure thereon or any part thereof without the prior written consent of the Grantor, except to a mortgagee or trustee under a mortgage or deed of trust permitted by paragraph 3(b) of this Grant Deed or as otherwise permitted by the Cooperation Agreement.

(b) The Grantee shall not place or suffer to be placed on the Property any lien or encumbrance other than easements needed for the construction and operation of the improvements or for temporary and permanent financing of the acquisition of the Property and the improvements to be constructed on the Property or any other lien or encumbrance unless approved by Grantor.

4. Prior to recordation of any Certificate of Completion for the improvements to be constructed on the Property:

(a) The Grantor shall have the additional right, subject to the provisions of the Cooperation Agreement and the Certificate of Release, at its option to reenter and take possession of the Property hereby conveyed with all improvements thereon and to terminate and revest in the Grantor the Property hereby conveyed to the Grantee if the Grantee (or its successors in interest) shall:

(i) Fail to commence the construction of the improvements by September 1, 1989, within a period of three (3) months after written notice from the Grantor, provided that Grantee shall not have been entitled to an extension or postponement under the Cooperation Agreement; or

(ii) Abandon or substantially suspend construction of the improvements for a period of three months after written notice to proceed from the Grantor, provided that Grantee shall not have been entitled to an extension or postponement under the Cooperation Agreement; or

(iii) Assign or attempt to assign the Cooperation Agreement, or any rights therein, or transfer, or suffer an involuntary transfer of, the Property, or any part thereof in violation of this Grant Deed, and such violation shall not be cured within thirty (30) days after the date of a writteh notice thereof by Grantor to Grantee; or

89 1130460



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(iv) Notwithstanding the time limitations in subsections (i), (ii) or (iii), and so long as Grantee is proceeding with reasonable diligence to correct or cure any cause set forth in such subsection, such time limitations shall be extended for the time necessary to complete such correction or cure.

(b) The right to reenter, repossess, terminate and revest shall be subject to and be limited by and shall not defeat, render invalid, or limit:

(i) Any mortgage, deed of trust, or other security interest permitted by the Grantor.

(ii) Any rights or interests provided in the Cooperation Agreement or the Certificate of Release for the protection of the holders of such mortgages or deeds of trust, or other security interests.

(c) The right to reenter, repossess, terminate and revest with respect to the Property shall terminate when the Certificate of Completion regarding improvements to be constructed on the Property has been recorded by the Grantor. The right to reenter, repossess, terminate, and revest shall not apply to individual parts or parcels of the Property hereby conveyed for which a partial Certificate of Completion has been recorded by the Grantor. The right to reenter, repossess, terminate and revest shall not apply so long as any Los Angeles Convention and Exhibition Center Authority Certificates of Participation, Series 1985, 1989 Series A, or 1989 Series B (the "Certificates") remain outstanding, unless provision satisfactory to the bond Trustee shall have been made for the payment of the Certificates.

(d) In the event title to the Property or any part thereof is revested in the Grantor as provided in this paragraph 4 the Grantor shall, pursuant to its responsibilities under California Law, use its best efforts to resell the Property or part thereof as soon and in such manner as the Grantor shall find feasible and consistent with the objectives of such law and of the Redevelopment Plan to a qualified and responsible party or parties (as determined by the Grantor) who will assume the obligation of making or completing the improvements or such other improvements in their stead as shall be satisfactory to the Grantor and in accordance with the uses specified for such Property or

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part thereof in the Redevelopment Plan. Upon such resale of the Property the proceeds thereof shall be applied:

(i) In the event that the Grantor's right of reverter is occasioned by the inability of the Authority to proceed with construction, as the result of a failure on the part of the Grantor to deliver the Site (as defined in the Cooperation Agreement) to the City in a timely manner (other than for reasons of force majeure as set forth in Section 604 of the Cooperation Agreement), then such proceeds shall be applied first to pay to the Authority the amount, if any, of the difference between the amount required to be paid to bondholders in connection with an early call on the Authority's bonds and the amount available to the bond Trustee for such purpose. Otherwise the proceeds shall be applied as follows in paragraphs (ii) and (iii) of this Section 3(d).

(ii) First, to reimburse the Grantor on its own behalf or on behalf of the City of Los Angeles for all costs and expenses incurred by the Grantor, including but not limited to salaries to personnel engaged in such action (but excluding the Grantor's general overhead expense), in connection with the recapture, management, and resale of the Property or part thereof, (but less any income derived by the Grantor from the Property, or any part thereof, in connection with such management); all taxes, assessments and water and sewer charges with respect to the Property or part thereof (or, in the event the Property, or part thereof is exempt from taxation or assessment or such charges during the period of ownership, then such taxes, assessments or charges as determined by the City assessing official, as would have been payable if the Property, or part thereof, were not so exempt); any payment made or necessary to be made to discharge or prevent from attaching or being made any subsequent encumbrances or liens due to obligations incurred with respect to the making or completion of the agreed improvements or any part thereof on the Property, or part thereof, any amounts otherwise owing the Grantor by the Grantee and its successor transferee;

(iii) Second, to reimburse Grantee, its successors or transferees, up to the amount equal to (1) the sum of the funds paid to the Grantor by the Grantee pursuant to Section 803 of the

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[redacted]

Cooperation Agreement; and (2) the costs incurred for the development of the Property, or part thereof, or for the construction of the improvements thereon.

(iv) Any balance remaining after such reimbursements shall be retained by the Grantor as its property.

(e) To the extent that this right of reverter involves a forfeiture, it must be strictly interpreted against the Grantor, the party for whose benefit it is created. This right is to be interpreted in light of the fact that the Grantor hereby conveys the Property to the Grantee for development and not for speculation in undeveloped land.

5. The Grantee hereby covenants and agrees for itself, its successors, its assigns, and every successor in interest to the Property that the Property shall be devoted only to the uses specified in the applicable provisions of the Redevelopment Plan and this Grant Deed. The Cooperation Agreement provides for the development of the Property as well as additional parcels of property, collectively referred to as the Site. The Property is conveyed to Grantee at a purchase price, herein called "Purchase Price", determined in accordance with the uses permitted on the Site. Therefore, Grantee hereby covenants and agrees for itself, its successors, its assigns, and every successor in interest to the Property that the Grantee, such successors and such assigns, shall develop and use the Property as provided in the Redevelopment Plan as now constituted or hereafter amended.

6. Grantee covenants and agrees for itself and any successor in interest not to discriminate upon the basis of race, color, creed, religion, marital status, age, sex, sexual orientation, ancestry or national origin in the sale, lease, or rental or in the use or occupancy of the Property hereby conveyed or any improvements erected or to be erected thereon or any part thereof. Grantee covenants by and for itself, its successors and assigns, and all successors in interest to the Property claiming under or through them that there shall be no discrimination against or segregation of, any person or group of persons on account of race, color, creed, religion, marital status, age, sex, sexual orientation, national origin or ancestry in the sale, lease, sublease, transfer, use, occupancy, tenure, or enjoyment of the Property, or any part thereof, nor shall the Grantee itself or any successor in interest to the Property claiming under or through it, establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, subtenants, sublessees or vendees in the Property. The foregoing covenant shall run with the land.

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[redacted]

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[redacted]

7. No violation or breach of the covenants, conditions, restrictions provisions or limitations contained in this Grant Deed shall defeat or render invalid or in any way impair the lien or charge of any mortgage or deed of trust approved by the Grantor made in good faith and for value; provided, however, that any subsequent owner of the Property shall be bound by such remaining covenants, conditions, restrictions limitations and provisions, whether such owner's title was acquired by foreclosure, deed in lieu of foreclosure, trustee's sale or otherwise.

8. All covenants contained in this Grant Deed shall be covenants running with the land. The covenants contained in paragraphs 3 and 4 of this Grant Deed shall terminate upon recording of a Certificate of Completion for the Property. The covenants contained in paragraph 5 of this Grant Deed and any other covenant not previously terminated shall terminate on July 18, 2010, except that the covenants against discrimination contained in paragraph 6 of this Grant Deed shall remain in perpetuity.

9. All covenants without regard to technical classification or designation shall be binding for the benefit of the Grantor, its successors and assigns. The Grantor, in the event of any breach of any such covenant, shall have the right to exercise all the rights and remedies, and to maintain any actions at law or suits in equity or other property proceedings to enforce the curing of such breach.

10. Both before and after issuance of a Certificate of Completion, only the Grantor, its successors and assigns, and Grantee and the successors and assigns of Grantee in and to all or any part of the fee title to the Property shall have the right to consent and agree to changes in, or to eliminate in whole or in part, any of the covenants or other restrictions contained in this Grant Deed or to subject the Property to additional covenants or other restrictions. Grantor, its successors and assigns, and Grantee and the successors and assigns of Grantee in and to all or any part of the fee title to the Property shall have the right to consent and agree to changes in, or to eliminate in whole or in part, any of the covenants or restrictions contained in this Grant Deed or to subject the Property to additional covenants or other restrictions without the consent of any tenant, lessee, licensee, mortgagee, trustee, beneficiary under a deed of trust or any other person or entity having any interest less than a fee in the Property. The covenants contained in this Grant Deed without regard to technical classification shall not benefit or be enforceable by (1) any owner of any other real property within or outside the Project, other than the Grantor, or any person or entity having any interest in any other such realty, other than the Grantor, or by (2) any person or entity having any interest less than a fee

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[redacted]

interest in the Property or any part thereof other than the Grantor. Any amendments to the Redevelopment Plan which change the uses or development permitted on the Property or otherwise change or eliminate in whole or in part any of the restrictions or controls that apply to the Property shall require the written consent of Grantee. Amendments of the Redevelopment Plan applying to property other than the Site shall not, as the result of this Agreement, require the consent of Grantee, its successors, or assigns.

11. The covenants contained in this Grant Deed shall be construed as covenants running with the land and not as conditions which might result in forfeiture of title, except for the covenant and condition contained in paragraph 4 of this Grant Deed.

12. None of the terms, covenants, agreements, or conditions heretofore agreed upon in writing in other instruments between the parties to this Grant Deed with respect to obligations to be performed, kept or observed in respect to the Property after this conveyance of the Property shall be deemed to be merged with this Grant Deed until such time as a Certificate of Completion is recorded for the Site.

IN WITNESS WHEREOF, the Grantor and the Grantee have caused this instrument to be executed on their behalf by their respective officers thereunto duly authorized on the date set forth hereinbelow.

THE COMMUNITY REDEVELOPMENT AGENCY FOR THE CITY OF LOS ANGELES, CALIFORNIA

Dated: 7/6/89

By: AS ACTING ADMINISTRATOR
John J. Tuite
Administrator

APPROVED AS TO FORM:

KANE, BALLMER & BERKMAN
General Counsel for Grantor

By:

89 1130460

[redacted]

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[redacted]

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

On this 6th day of July, 19 89 before me, a Notary Public in and for the said State, personally appeared Judith Brennan personally known to me to be the Acting Administrator of the Community Redevelopment Agency of the City of Los Angeles, California, and that she executed the within instrument on behalf of the Agency, hereinabove named; and acknowledged to me that such Agency executed the within instrument pursuant to its by-laws or a resolution of its Members of the Board of said Agency.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Signature Alice Marie Lowe

Alice Marie Lowe
Notary Public in and for said State

OFFICIAL SEAL
ALICE MARIE LOWE
NOTARY PUBLIC - CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires Jan. 18, 1990

89 1130460

[redacted]

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[SIGNATURES CONTINUED FROM PAGE 7]

The grantee hereby accepts all of the provisions, conditions and covenants of this Grant Deed.

THE CITY OF LOS ANGELES

Dated: July 10 1989 By: Robert S. Horii

CAT NO. N-00737
TO 1945 CA (7 82)
(Corporation)

TITLE INSURANCE AND TRUST
A TICOR COMPANY

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss.

On JULY 10, 1989 before me, the undersigned, a Notary Public in and for said State, personally appeared ROBERT S. HORII personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the City Engineer ~~President and~~ of the City of Los Angeles and he is ____ personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the City Engineer ~~Secretary of the Corporation~~ that executed the within instrument and acknowledged to me that ~~such corporation~~ executed the within instrument pursuant to ~~its by-laws or a resolution of its board of directors~~ the authority of the Council of the City of Los Angeles.

OFFICIAL SEAL
MERVYN MEYER
NOTARY PUBLIC - CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires Dec. 3, 1991

89 1130460

WITNESS my hand and official seal.

Mervyn Meyer

(This area for official notarial seal)

89 1130460

[redacted]

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

[redacted]

EXHIBIT A

LEGAL DESCRIPTION

Parcels 1 and 2 of Official Map No. 2 in the City of Los Angeles, State of California recorded in the Official Records of Los Angeles County on June 14, 1989 as Instrument No. 89-958587 in Book 5, pages 38 through 40 of Official Maps.

89 1130460

[redacted]

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LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.7
August 2, 2011

The EDR Environmental LienSearch™ Report



Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

LA EVENT CENTER
1201 South Figueroa Street
Los Angeles, CA 90015

RESEARCH SOURCE

Source 1:	Los Angeles County Recorder of Deeds
Source 2:	N/A
Examiner's Note:	Public records of Los Angeles County, CA were searched from January 1, 1980 to July19, 2011, and no other deeds were found of record.

PROPERTY DESCRIPTION

Current Owner:	LA Event Center
Legal Description:	see attached deed
Property Identifiers	APN**:** 5134-007-933
General Comments:	N/A

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	The City of Los Angeles
Title received from:	The Community Redevelopment Agency of the City of Los Angeles, California
Date Executed:	July 6, 1989
Date Recorded:	July 17, 1989
Book:	
Page:	
Volume:	
Instrument #:	891130460
Docket:	
Land Record Comments:	N/A

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

EDR Environmental LienSearch™ Report

DEED EXHIBIT

89 1130460

RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO:
[redacted] INSURANCE CO. OF CALIFORNIA
The Community Redevelopment Agency of
the City of Los Angeles, California
354 South Spring Street, Suite 800
Los Angeles, California 90013
ATTN: Ed Winchell

Free Recording In Accordance
with Gov't Code Section 6103

RECORDED IN OFFICIAL RECORDS
OF LOS ANGELES COUNTY, CA
JUL 17 1989 AT 8 A.M.
Recorder's Office

GRANT DEED

FREE 8

10

For valuable consideration receipt of which is hereby acknowledged,

THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, CALIFORNIA, a public body, corporate and politic, of the State of California, herein called "Grantor", acting to carry out the Redevelopment Plan for the Central Business District Redevelopment Project (the "Redevelopment Plan"), hereby grants to THE CITY OF LOS ANGELES, a Municipal Corporation, herein called "Grantee", the real property, herein called "Property," which is described as set forth in Exhibit "A" attached hereto and incorporated herein by this reference, subject to covenants, reservations, restrictions, easements and rights of way of record.

1. The Property is conveyed in accordance with and subject to the Redevelopment Plan, the Cooperation Agreement between Grantee, the Grantor and The Los Angeles Convention And Exhibition Center Authority ("Authority") dated as of January 7, 1988 (the "Cooperation Agreement"), and that certain Certificate of Release and Waiver executed by the Grantor on _____, 1989 ("Certificate of Release"), each of which documents are a public record on file in the offices of the Grantor, and are by reference thereto incorporated herein as though fully set forth herein.

2. The Grantor specifically reserves 2,451,947 square feet of "Unused Floor Area Rights", as that term is defined in Section 704(1) of the Cooperation Agreement. The Grantor may sell, transfer, or otherwise apply towards the development of other property all or any portion of the Unused Floor Area Rights, subject to applicable laws.

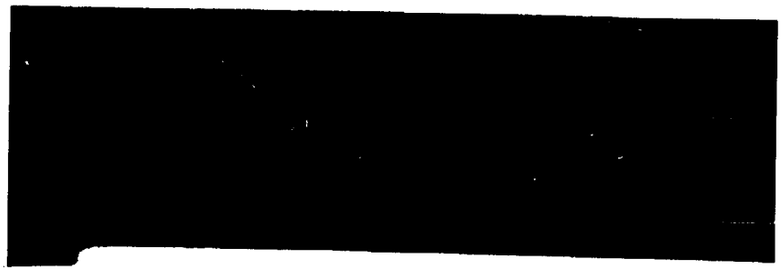
3. Prior to recordation of a Certificate of Completion (as provided in Section 303 of the Cooperation Agreement) for the

Gov. Code Sec. 6103

[redacted]

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

Order: Non-Order Search Doc: LA:1989 01130460 Page 1 of 10 Created By: cdelgado Printed: 7/19/2011 7:42:12 AM PST



improvements to be constructed on the Property:

(a) The Grantee shall have no power to make any voluntary sale, transfer, conveyance, assignment or lease of the Property or any building or structure thereon or any part thereof without the prior written consent of the Grantor, except to a mortgagee or trustee under a mortgage or deed of trust permitted by paragraph 3(b) of this Grant Deed or as otherwise permitted by the Cooperation Agreement.

(b) The Grantee shall not place or suffer to be placed on the Property any lien or encumbrance other than easements needed for the construction and operation of the improvements or for temporary and permanent financing of the acquisition of the Property and the improvements to be constructed on the Property or any other lien or encumbrance unless approved by Grantor.

4. Prior to recordation of any Certificate of Completion for the improvements to be constructed on the Property:

(a) The Grantor shall have the additional right, subject to the provisions of the Cooperation Agreement and the Certificate of Release, at its option to reenter and take possession of the Property hereby conveyed with all improvements thereon and to terminate and revest in the Grantor the Property hereby conveyed to the Grantee if the Grantee (or its successors in interest) shall:

(i) Fail to commence the construction of the improvements by September 1, 1989, within a period of three (3) months after written notice from the Grantor, provided that Grantee shall not have been entitled to an extension or postponement under the Cooperation Agreement; or

(ii) Abandon or substantially suspend construction of the improvements for a period of three months after written notice to proceed from the Grantor, provided that Grantee shall not have been entitled to an extension or postponement under the Cooperation Agreement; or

(iii) Assign or attempt to assign the Cooperation Agreement, or any rights therein, or transfer, or suffer an involuntary transfer of, the Property, or any part thereof in violation of this Grant Deed, and such violation shall not be cured within thirty (30) days after the date of a written notice thereof by Grantor to Grantee; or

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[redacted]

(iv) Notwithstanding the time limitations in subsections (i), (ii) or (iii), and so long as Grantee is proceeding with reasonable diligence to correct or cure any cause set forth in such subsection, such time limitations shall be extended for the time necessary to complete such correction or cure.

(b) The right to reenter, repossess, terminate and revest shall be subject to and be limited by and shall not defeat, render invalid, or limit:

(i) Any mortgage, deed of trust, or other security interest permitted by the Grantor.

(ii) Any rights or interests provided in the Cooperation Agreement or the Certificate of Release for the protection of the holders of such mortgages or deeds of trust, or other security interests.

(c) The right to reenter, repossess, terminate and revest with respect to the Property shall terminate when the Certificate of Completion regarding improvements to be constructed on the Property has been recorded by the Grantor. The right to reenter, repossess, terminate, and revest shall not apply to individual parts or parcels of the Property hereby conveyed for which a partial Certificate of Completion has been recorded by the Grantor. The right to reenter, repossess, terminate and revest shall not apply so long as any Los Angeles Convention and Exhibition Center Authority Certificates of Participation, Series 1985, 1989 Series A, or 1989 Series B (the "Certificates") remain outstanding, unless provision satisfactory to the bond Trustee shall have been made for the payment of the Certificates.

(d) In the event title to the Property or any part thereof is revested in the Grantor as provided in this paragraph 4 the Grantor shall, pursuant to its responsibilities under California Law, use its best efforts to resell the Property or part thereof as soon and in such manner as the Grantor shall find feasible and consistent with the objectives of such law and of the Redevelopment Plan to a qualified and responsible party or parties (as determined by the Grantor) who will assume the obligation of making or completing the improvements or such other improvements in their stead as shall be satisfactory to the Grantor and in accordance with the uses specified for such Property or

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[redacted]

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Order: Non-Order Search Doc: LA:1989 01130460 Page 3 of 10 Created By: cdelgado Printed: 7/19/2011 7:42:12 AM PST

part thereof in the Redevelopment Plan. Upon such resale of the Property the proceeds thereof shall be applied:

(i) In the event that the Grantor's right of reverter is occasioned by the inability of the Authority to proceed with construction, as the result of a failure on the part of the Grantor to deliver the Site (as defined in the Cooperation Agreement) to the City in a timely manner (other than for reasons of force majeure as set forth in Section 604 of the Cooperation Agreement), then such proceeds shall be applied first to pay to the Authority the amount, if any, of the difference between the amount required to be paid to bondholders in connection with an early call on the Authority's bonds and the amount available to the bond Trustee for such purpose. Otherwise the proceeds shall be applied as follows in paragraphs (ii) and (iii) of this Section 3(d).

(ii) First, to reimburse the Grantor on its own behalf or on behalf of the City of Los Angeles for all costs and expenses incurred by the Grantor, including but not limited to salaries to personnel engaged in such action (but excluding the Grantor's general overhead expense), in connection with the recapture, management, and resale of the Property or part thereof, (but less any income derived by the Grantor from the Property, or any part thereof, in connection with such management); all taxes, assessments and water and sewer charges with respect to the Property or part thereof (or, in the event the Property, or part thereof is exempt from taxation or assessment or such charges during the period of ownership, then such taxes, assessments or charges as determined by the City assessing official, as would have been payable if the Property, or part thereof, were not so exempt); any payment made or necessary to be made to discharge or prevent from attaching or being made any subsequent encumbrances or liens due to obligations incurred with respect to the making or completion of the agreed improvements or any part thereof on the Property, or part thereof, any amounts otherwise owing the Grantor by the Grantee and its successor transferee;

(iii) Second, to reimburse Grantee, its successors or transferees, up to the amount equal to (1) the sum of the funds paid to the Grantor by the Grantee pursuant to Section 803 of the

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Order: Non-Order Search Doc: LA:1989 01130460 Page 4 of 10 Created By: cdelgado Printed: 7/19/2011 7:42:12 AM PST

[redacted]

Cooperation Agreement; and (2) the costs incurred for the development of the Property, or part thereof, or for the construction of the improvements thereon.

(iv) Any balance remaining after such reimbursements shall be retained by the Grantor as its property.

(e) To the extent that this right of reverter involves a forfeiture, it must be strictly interpreted against the Grantor, the party for whose benefit it is created. This right is to be interpreted in light of the fact that the Grantor hereby conveys the Property to the Grantee for development and not for speculation in undeveloped land.

5. The Grantee hereby covenants and agrees for itself, its successors, its assigns, and every successor in interest to the Property that the Property shall be devoted only to the uses specified in the applicable provisions of the Redevelopment Plan and this Grant Deed. The Cooperation Agreement provides for the development of the Property as well as additional parcels of property, collectively referred to as the Site. The Property is conveyed to Grantee at a purchase price, herein called "Purchase Price", determined in accordance with the uses permitted on the Site. Therefore, Grantee hereby covenants and agrees for itself, its successors, its assigns, and every successor in interest to the Property that the Grantee, such successors and such assigns, shall develop and use the Property as provided in the Redevelopment Plan as now constituted or hereafter amended.

6. Grantee covenants and agrees for itself and any successor in interest not to discriminate upon the basis of race, color, creed, religion, marital status, age, sex, sexual orientation, ancestry or national origin in the sale, lease, or rental or in the use or occupancy of the Property hereby conveyed or any improvements erected or to be erected thereon or any part thereof. Grantee covenants by and for itself, its successors and assigns, and all successors in interest to the Property claiming under or through them that there shall be no discrimination against or segregation of, any person or group of persons on account of race, color, creed, religion, marital status, age, sex, sexual orientation, national origin or ancestry in the sale, lease, sublease, transfer, use, occupancy, tenure, or enjoyment of the Property, or any part thereof, nor shall the Grantee itself or any successor in interest to the Property claiming under or through it, establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, subtenants, sublessees or vendees in the Property. The foregoing covenant shall run with the land.

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[redacted]

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Order: Non-Order Search Doc: LA:1989 01130460 Page 5 of 10 Created By: cdelgado Printed: 7/19/2011 7:42:13 AM PST

[redacted]

7. No violation or breach of the covenants, conditions, restrictions provisions or limitations contained in this Grant Deed shall defeat or render invalid or in any way impair the lien or charge of any mortgage or deed of trust approved by the Grantor made in good faith and for value; provided, however, that any subsequent owner of the Property shall be bound by such remaining covenants, conditions, restrictions limitations and provisions, whether such owner's title was acquired by foreclosure, deed in lieu of foreclosure, trustee's sale or otherwise.

8. All covenants contained in this Grant Deed shall be covenants running with the land. The covenants contained in paragraphs 3 and 4 of this Grant Deed shall terminate upon recording of a Certificate of Completion for the Property. The covenants contained in paragraph 5 of this Grant Deed and any other covenant not previously terminated shall terminate on July 18, 2010, except that the covenants against discrimination contained in paragraph 6 of this Grant Deed shall remain in perpetuity.

9. All covenants without regard to technical classification or designation shall be binding for the benefit of the Grantor, its successors and assigns. The Grantor, in the event of any breach of any such covenant, shall have the right to exercise all the rights and remedies, and to maintain any actions at law or suits in equity or other property proceedings to enforce the curing of such breach.

10. Both before and after issuance of a Certificate of Completion, only the Grantor, its successors and assigns, and Grantee and the successors and assigns of Grantee in and to all or any part of the fee title to the Property shall have the right to consent and agree to changes in, or to eliminate in whole or in part, any of the covenants or other restrictions contained in this Grant Deed or to subject the Property to additional covenants or other restrictions. Grantor, its successors and assigns, and Grantee and the successors and assigns of Grantee in and to all or any part of the fee title to the Property shall have the right to consent and agree to changes in, or to eliminate in whole or in part, any of the covenants or restrictions contained in this Grant Deed or to subject the Property to additional covenants or other restrictions without the consent of any tenant, lessee, licensee, mortgage, trustee, beneficiary under a deed of trust or any other person or entity having any interest less than a fee in the Property. The covenants contained in this Grant Deed without regard to technical classification shall not benefit or be enforceable by (1) any owner of any other real property within or outside the Project, other than the Grantor, or any person or entity having any interest in any other such realty, other than the Grantor, or by (2) any person or entity having any interest less than a fee

89 1130460

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Order: Non-Order Search Doc: LA:1989 01130460 Page 6 of 10 Created By: cdelgado Printed: 7/19/2011 7:42:13 AM PST

[redacted]

interest in the Property or any part thereof other than the Grantor. Any amendments to the Redevelopment Plan which change the uses or development permitted on the Property or otherwise change or eliminate in whole or in part any of the restrictions or controls that apply to the Property shall require the written consent of Grantee. Amendments of the Redevelopment Plan applying to property other than the Site shall not, as the result of this Agreement, require the consent of Grantee, its successors, or assigns.

11. The covenants contained in this Grant Deed shall be construed as covenants running with the land and not as conditions which might result in forfeiture of title, except for the covenant and condition contained in paragraph 4 of this Grant Deed.

12. None of the terms, covenants, agreements, or conditions heretofore agreed upon in writing in other instruments between the parties to this Grant Deed with respect to obligations to be performed, kept or observed in respect to the Property after this conveyance of the Property shall be deemed to be merged with this Grant Deed until such time as a Certificate of Completion is recorded for the Site.

IN WITNESS WHEREOF, the Grantor and the Grantee have caused this instrument to be executed on their behalf by their respective officers thereunto duly authorized on the date set forth hereinbelow.

THE COMMUNITY REDEVELOPMENT AGENCY FOR THE CITY OF LOS ANGELES, CALIFORNIA

Dated: 7/6/89

By: AS ACTING ADMINISTRATOR
John J. Tuite
Administrator

APPROVED AS TO FORM:

KANE, BALLMER & BERKMAN
General Counsel for Grantor

By:

89 1130460

[redacted]

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[redacted]

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

On this 6th day of July, 19 69 before me, a Notary Public in and for the said State, personally appeared [redacted] personally known to me to be the [redacted] of the Community Redevelopment Agency of the City of Los Angeles, California, and that she executed the within instrument on behalf of the Agency, hereinabove named; and acknowledged to me that such Agency executed the within instrument pursuant to its by-laws or a resolution of its Members of the Board of said Agency.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Signature Alice Marie Lowe

Alice Marie Lowe
Notary Public in and for said State

OFFICIAL SEAL
ALICE MARIE LOWE
NOTARY PUBLIC - CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires Jan. 15, 1990

89 1130460

[redacted]

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[SIGNATURES CONTINUED FROM PAGE 7]

The grantee hereby accepts all of the provisions, conditions and covenants of this Grant Deed.

THE CITY OF LOS ANGELES

Dated: July 10 1989 By: Robert S. Horii

CAT. NO. N-00737
TO 1945 CA (7 82)
(Corporation)

TITLE INSURANCE AND TRUST
A VESTAR COMPANY

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES } ss.

On JULY 10, 1989 before me, the undersigned, a Notary Public in and for said State, personally appeared ROBERT S. HORII personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the City Engineer ~~President and of the City of Los Angeles~~ and he is ~~_____~~ personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the City Engineer ~~Secretary of the Corporation~~ that executed the within instrument and acknowledged to me that ~~such corporation~~ executed the within instrument pursuant to ~~its by-laws or a resolution of its board of directors~~ the authority of the Council of the City of Los Angeles.

WITNESS my hand and official seal.

Mervyn Meyer

OFFICIAL SEAL
MERVYN MEYER
NOTARY PUBLIC - CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires Dec. 3, 1991

89 1130460

(This area for official notarial seal)

89 1130460

[redacted]

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[redacted]

EXHIBIT A

LEGAL DESCRIPTION

Parcels 1 and 2 of Official Map No. 2 in the City of Los Angeles, State of California recorded in the Official Records of Los Angeles County on June 14, 1989 as Instrument No. 89-958587 in Book 5, pages 38 through 40 of Official Maps.

89 1130460

[redacted]

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LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.7
August 2, 2011

The EDR Environmental LienSearch™ Report



Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

LA EVENT CENTER
1201 South Figueroa Street
Los Angeles, CA 90015

RESEARCH SOURCE

Source 1:	Los Angeles County Recorder of Deeds
Source 2:	N/A
Examiner's Note:	Public records of Los Angeles County, CA were searched from January 1, 1980 to July19, 2011, and no other deeds were found of record.

PROPERTY DESCRIPTION

Current Owner:	The City of Los Angeles
Legal Description:	see attached deed
Property Identifiers	APN**:** 5138-16-914
General Comments:	N/A

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	The City of Los Angeles
Title received from:	The City of Los Angeles
Date Executed:	March 26, 1998
Date Recorded:	March 27, 1998
Book:	
Page:	
Volume:	
Instrument #:	98501500
Docket:	
Land Record Comments:	N/A

ENVIRONMENTAL LIEN

Environmental Lien:	Found	Not Found	X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

EDR Environmental LienSearch™ Report

DEED EXHIBIT

stewart
T. rec

98 501500

RECORDING REQUESTED BY:

AND WHEN RECORDED MAIL TO:
City of Los Angeles
Asset Management Division
111 East 1st Street
Room 201
Los Angeles, CA 90012

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
MAR 27 1998 AT 8 A.M.

The recordation of this deed is not for consideration of/or tax reassessment, but for the purpose of adjusting the boundary lines per lot line adjustment Case No. 97-030, City of Los Angeles.

GRANT DEED

FREE 0 7

THE CITY OF LOS ANGELES, a municipal corporation, hereby grants to THE CITY OF LOS ANGELES, a municipal corporation, all that certain real property in the City of Los Angeles, County of Los Angeles, State of California, described on Exhibit "A" and attached hereto and made a part hereof.

Subject to all covenants, conditions, restrictions, reservations, rights, rights-of-way, dedications, offers of dedication and easements of record.

(Signature page follows)

LA BOOK 5187488 3

040020779

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

DATED as of March 26, 1998

THE CITY OF LOS ANGELES, a municipal corporation

By: John Ferraro
Name: John Ferraro
Title: President of the City Council

APPROVED AS TO FORM:
JAMES K. HAHN, City Attorney

By: James K. Hahn
James K. Hahn
City Attorney

By: Patricia V. Tubert
Patricia V. Tubert
Senior Assistant City Attorney

DATE: 3-26-98

ATTEST:
Michael Carey, City Clerk

By: Patricia Henry
Deputy

DATE: 3-26-98

LA 1998 501500 12

98 501500

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

On the 26th day of March, 1998, before me, DIANA GREEN, a notary public, personally appeared JOHN FERRARO, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon which the person(s) acted, executed this instrument.

WITNESS my hand and official seal.

Diana Green

Notary Public

My commission expires:

DIANA GREEN
Commission # 1137101
Notary Public — California
Los Angeles County
My Comm. Expires May 9, 2001

Attach to Grant Deed Parcel C

LA 1XX'S:187488 14

98 501500

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

PSOMAS

LEGAL DESCRIPTION

[redacted] PARCEL C

THAT PORTION OF LOT 1, LOT 4 AND TRENTON STREET SOUTH, 116 FEET WIDE AND 90 FEET WIDE, BETWEEN FIGUEROA STREET AND PICO BOULEVARD AS SHOWN AND DEDICATED ON THE MAP OF TRACT NO. 28165, NOW VACATED BY (COUNCIL FILE NO. 82-1136 OF THE CITY OF LOS ANGELES) RESOLUTION NO. 83-01558 OF THE CITY OF LOS ANGELES, ON FILE IN THE OFFICE OF THE CITY CLERK OF SAID CITY, AND RECORDED JUNE 5, 1990 AS INSTRUMENT NO. 90-1003283, AS SAID VACATION IS SHOWN ON VOLUME 23 PAGE 89 OF STREET VACATION MAPS ON FILE IN THE OFFICE OF THE CITY CLERK OF SAID CITY AS SHOWN ON TRACT NO. 28165, IN THE CITY OF LOS ANGELES, AS PER MAP RECORDED IN BOOK 814 PAGES 66 TO 69 INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY, DESCRIBED AS A WHOLE AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHEASTERLY LINE OF LOT 1, DISTANT THEREON SOUTH 61 DEGREES 51 MINUTES 21 SECONDS EAST 652.41 FEET FROM THE NORTHWESTERLY TERMINUS OF SAID LINE SHOWN AS SOUTH 61 DEGREES 51 MINUTES 43 SECONDS EAST 666.02 FEET ON SAID TRACT NO. 28165 THEREOF; THENCE SOUTH 28 DEGREES 08 MINUTES 39 SECONDS WEST 44.47 FEET TO THE BEGINNING OF A CURVE CONCAVE NORTHERLY AND HAVING A RADIUS OF 105.00 FEET; THENCE SOUTHWESTERLY 138.02 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 75 DEGREES 18 MINUTES 41 SECONDS; THENCE NORTH 76 DEGREES 32 MINUTES 40 SECONDS WEST 33.23 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHERLY AND HAVING A RADIUS OF 43.00 FEET, THENCE WESTERLY 29.66 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 39 DEGREES 31 MINUTES 13 SECONDS; THENCE ON A NON-TANGENT LINE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 162.17 FEET; THENCE NORTH 28 DEGREES 27 MINUTES 13

98 501500

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

Order: Non-Order Search Doc: LA:1998 00501500 Page 4 of 7 Created By: cdelgado Printed: 7/19/2011 7:34:03 AM PST

SECONDS EAST 31.50 FEET; THENCE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 34.73 FEET, THENCE SOUTH 28 DEGREES 27 MINUTES 13 SECONDS WEST 31.50 FEET, THENCE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 32.62 FEET, THENCE SOUTH 28 DEGREES 25 MINUTES 47 SECONDS WEST 269.35 FEET; THENCE SOUTH 61 DEGREES 48 MINUTES 26 SECONDS EAST 63.37 FEET; THENCE NORTH 73 DEGREES 31 MINUTES 42 SECONDS EAST 60.45 FEET, TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE WESTERLY, HAVING A RADIUS OF 161.60 FEET AND TO WHICH BEGINNING A RADIAL LINE BEARS NORTH 72 DEGREES 37 MINUTES 32 SECONDS EAST; THENCE SOUTHERLY 100.58 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 35 DEGREES 39 MINUTES 46 SECONDS; THENCE ON A NON-TANGENT LINE SOUTH 61 DEGREES 37 MINUTES 19 SECONDS EAST 79.10 FEET TO THE **TRUE POINT OF BEGINNING**, THENCE CONTINUING SOUTH 61 DEGREES 37 MINUTES 19 SECONDS EAST 298.54 FEET TO THE NORTHWESTERLY RIGHT-OF-WAY LINE OF FIGUEROA STREET, 112 FEET WIDE, AS SHOWN ON SAID MAP; THENCE SOUTH 37 DEGREES 41 MINUTES 47 SECONDS WEST 125.97 FEET ALONG SAID NORTHWESTERLY RIGHT-OF-WAY LINE OF FIGUEROA STREET TO THE SOUTHWESTERLY TERMINUS OF THAT CERTAIN COURSE IN THE MOST SOUTHEASTERLY LINE OF SAID LOT 1, SHOWN AS SOUTH 37 DEGREES 41 MINUTES 37 SECONDS WEST 187.38 FEET; THENCE ON A DIRECT LINE SOUTH 32 DEGREES 59 MINUTES 37 SECONDS WEST 121.98 FEET TO THE NORTHEASTERLY TERMINUS OF THAT CERTAIN COURSE IN THE MOST SOUTHEASTERLY LINE OF SAID LOT 4, SHOWN AS SOUTH 37 DEGREES 41 MINUTES 37 SECONDS WEST 281.98 FEET ON SAID TRACT NO. 28165; THENCE SOUTH 37 DEGREES 41 MINUTES 47 SECONDS WEST 281.98 FEET, ALONG THE NORTHWESTERLY RIGHT-OF-WAY LINE OF FIGUEROA STREET, 102 FEET WIDE TO THE MOST EASTERLY SOUTHERLY CORNER OF SAID LOT 4, AS SHOWN ON SAID MAP; THENCE SOUTH 78 DEGREES 04 MINUTES 20 SECONDS WEST 22.86 FEET TO THE NORTHEASTERLY RIGHT-OF-WAY LINE OF PICO BOULEVARD, 102 FEET WIDE, AS SHOWN ON SAID MAP; THENCE NORTH 61 DEGREES 33 MINUTES 07 SECONDS WEST 206.11 FEET ALONG SAID NORTHEASTERLY RIGHT-OF-WAY LINE OF PICO BOULEVARD TO A LINE WHICH BEARS

98 501500

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

NORTH 28 DEGREES 28 MINUTES 13 SECONDS EAST AND PASSES THROUGH THE **TRUE POINT OF BEGINNING**; THENCE LEAVING SAID RIGHT-OF-WAY NORTH 28 DEGREES 28 MINUTES 13 SECONDS EAST 538.68 FEET TO THE **TRUE POINT OF BEGINNING**.

THIS LEGAL DESCRIPTION AS DESCRIBED IS DELINEATED ON THE ACCOMPANYING *"PARCEL MAP EXEMPTION" AND IS MADE A PART HEREOF FOR REFERENCE PURPOSES.*

THIS LEGAL DESCRIPTION IS NOT INTENDED TO BE USED IN THE CONVEYANCE OF LAND IN VIOLATION OF THE SUBDIVISION MAP ACT OF THE STATE OF CALIFORNIA



ROBERT C. OLSON, PLS 5490
PSOMAS AND ASSOCIATES

DATE 3.09.98

e:\lmaj0301\survey\sur\leg_pr_c.doc
Project: 1MAJ0201 Task 003, PMX
March 6, 1998
JDC jdc

98 501500

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

Order: Non-Order Search Doc: LA:1998 00501500 Page 6 of 7 Created By: cdelgado Printed: 7/19/2011 7:34:03 AM PST

SCALE: 1" = 200'

PARCEL MAP EXEMPTION

SHEET 1 OF 1 SHEET

SITE ADDRESS:
1191 & 1201
S. Figueroa St
Los Angeles

OWNER:
City of Los Angeles
200 N. Spring Street
Los Angeles, CA

SURVEYOR:
Psomas and Associates
3420 Ocean Park Blvd, Ste 1040
Santa Monica, CA 90405
Attn. Mr. Robert C. Olson, PLS 5490
310.450.1217

100' 0 100' 200'

GRAPHIC SCALE
1" = 200'

Project: 1MAJ0201 Task 003

LEGAL DESCRIPTION
SEE ATTACHED DESCRIPTIONS

PARCEL AREA

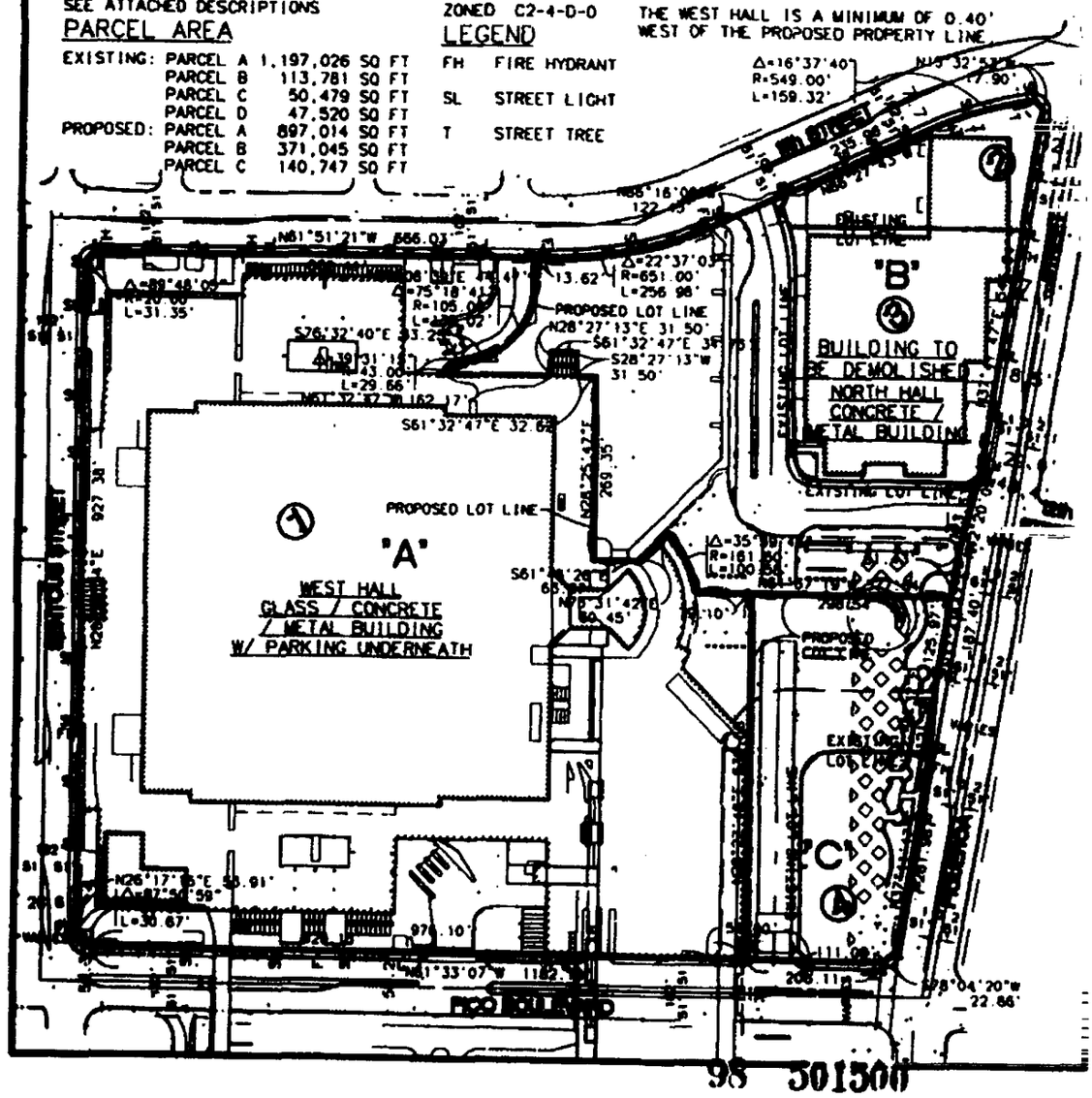
EXISTING:	PARCEL A	1,197,026 SQ FT
	PARCEL B	113,781 SQ FT
	PARCEL C	50,479 SQ FT
	PARCEL D	47,520 SQ FT
PROPOSED:	PARCEL A	897,014 SQ FT
	PARCEL B	371,045 SQ FT
	PARCEL C	140,747 SQ FT

ZONING
ZONED C2-4-D-O

LEGEND

FH	FIRE HYDRANT
SL	STREET LIGHT
T	STREET TREE

NOTE
THE WEST HALL IS A MINIMUM OF 0.40' WEST OF THE PROPOSED PROPERTY LINE.



98 301500

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.7
August 2, 2011

The EDR Environmental LienSearch™ Report



Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

LA EVENT CENTER
1201 South Figueroa Street
Los Angeles, CA 90015

RESEARCH SOURCE

Source 1:	Los Angeles County Recorder of Deeds
Source 2:	N/A
Examiner's Note:	Public records of Los Angeles County, CA were searched from January 1, 1980 to July19, 2011, and no other deeds were found of record.

PROPERTY DESCRIPTION

Current Owner:	The City of Los Angeles
Legal Description:	see attached deed
Property Identifiers	APN**:** 5138-16-912
General Comments:	N/A

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	The City of Los Angeles
Title received from:	The City of Los Angeles
Date Executed:	March 26, 1998
Date Recorded:	March 27, 1998
Book:	
Page:	
Volume:	
Instrument #:	98501498
Docket:	
Land Record Comments:	N/A

ENVIRONMENTAL LIEN

Environmental Lien:	Found	Not Found	X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

EDR Environmental LienSearch™ Report

DEED EXHIBIT

98 501498

STEWART TITLE

RECORDING REQUESTED BY:

AND WHEN RECORDED MAIL TO:
City of Los Angeles
Asset Management Division
111 East 1st Street
Room 201
Los Angeles, CA 90012

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
MAR 27 1998 AT 8 A.M.

The recordation of this deed is not for consideration of/or tax reassessment, but for the purpose of adjusting the boundary lines per lot line adjustment Case No. 97-030, City of Los Angeles.

GRANT DEED

FREE 0 7

THE CITY OF LOS ANGELES, a municipal corporation, hereby grants to THE CITY OF LOS ANGELES, a municipal corporation, all that certain real property in the City of Los Angeles, County of Los Angeles, State of California, described on Exhibit "A" and attached hereto and made a part hereof.

Subject to all covenants, conditions, restrictions, reservations, rights, rights-of-way, dedications, offers of dedication and easements of record.

(Signature page follows)

LA IXX 5187488 1

OY0020779

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

DATED as of March 26, 1998

THE CITY OF LOS ANGELES, a municipal corporation

By: John Ferraro
Name: John Ferraro
Title: President of the City Council

APPROVED AS TO FORM:
JAMES K. HAHN, City Attorney

By: James K. Hahn
James K. Hahn
City Attorney

By: Patricia V. Tubert
Patricia V. Tubert
Senior Assistant City Attorney

DATE: 3-26-98

ATTEST:
Michael Carey, City Clerk

By: Patricia Henry
Deputy

DATE: 3-26-98

98 501498

LA DOCS:187488.02

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

On the 26th day of March, 1998, before me, NAHUM RIOS, a notary public, personally appeared John Ferrare, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person~~(s)~~ whose name~~(s)~~ is~~/are~~ subscribed to the within instrument and acknowledged to me that he~~/she/they~~ executed the same in his~~/her/their~~ authorized capacity~~(ies)~~, and that by his~~/her/their~~ signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon which the person~~(s)~~ acted, executed this instrument.

WITNESS my hand and official seal.

Nahum Rios

Notary Public

My commission expires: Nov 13 2001

NAHUM R OS
Commission # 1161522
Notary Public - California
Los Angeles County
My Comm. Expires Nov 13, 2001

This lease certificate to be attached to final deed document. Proposed Parcel 1

LA 1998 0187498 34

98 501498

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

PSOMAS

LEGAL DESCRIPTION

[redacted] PARCEL A

THOSE PORTIONS OF LOT 1 AND TRENTON STREET SOUTH, 116 FEET WIDE, BETWEEN FIGUEROA STREET, 112 FEET WIDE AND PICO BOULEVARD, 102 FEET WIDE AS SHOWN AND DEDICATED ON THE MAP OF TRACT NO. 28165, NOW VACATED BY (COUNCIL FILE NO. 82-1136 OF THE CITY OF LOS ANGELES) RESOLUTION NO. 83-01558 OF THE CITY OF LOS ANGELES, ON FILE IN THE OFFICE OF THE CITY CLERK OF SAID CITY, AND RECORDED JUNE 5, 1990 AS INSTRUMENT NO. 90-1003283, AS SAID VACATION IS SHOWN IN VOLUME 23 PAGE 89 OF STREET VACATION MAPS ON FILE IN THE OFFICE OF CITY CLERKS OF SAID CITY, AS SHOWN ON TRACT NO. 28165, IN THE CITY OF LOS ANGELES, AS PER MAP RECORDED IN BOOK 814 PAGES 66 TO 69 INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY, DESCRIBED AS A WHOLE AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHEASTERLY LINE OF LOT 1, DISTANT THEREON SOUTH 61 DEGREES 51 MINUTES 21 SECONDS EAST 652.41 FEET FROM THE NORTHWESTERLY TERMINUS OF SAID LINE SHOWN AS SOUTH 61 DEGREES 51 MINUTES 43 SECONDS EAST 666.02 FEET ON SAID TRACT NO. 28165 THEREOF; THENCE SOUTH 28 DEGREES 08 MINUTES 39 SECONDS WEST 44.47 FEET TO THE BEGINNING OF A CURVE CONCAVE NORTHERLY AND HAVING A RADIUS OF 105.00 FEET; THENCE SOUTHWESTERLY 138.02 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 75 DEGREES 18 MINUTES 41 SECONDS; THENCE NORTH 76 DEGREES 32 MINUTES 40 SECONDS WEST 33.23 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHERLY AND HAVING A RADIUS OF 43.00 FEET; THENCE WESTERLY 29.66 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 39 DEGREES 31 MINUTES 13 SECONDS; THENCE ON A NON-TANGENT LINE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 162.17 FEET; THENCE NORTH 28 DEGREES 27 MINUTES 13

98 501498

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Order: Non-Order Search Doc: LA:1998 00501498 Page 4 of 7 Created By: cdelgado Printed: 7/19/2011 7:35:21 AM PST

SECONDS EAST 31.50 FEET, THENCE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 34.73 FEET, THENCE SOUTH 28 DEGREES 27 MINUTES 13 SECONDS WEST 31.50 FEET, THENCE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 32.62 FEET; THENCE SOUTH 28 DEGREES 25 MINUTES 47 SECONDS WEST 269.35 FEET, THENCE SOUTH 61 DEGREES 48 MINUTES 26 SECONDS EAST 63.37 FEET, THENCE NORTH 73 DEGREES 31 MINUTES 42 SECONDS EAST 60.45 FEET, TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE WESTERLY, HAVING A RADIUS OF 161.60 FEET AND TO WHICH BEGINNING A RADIAL LINE BEARS NORTH 72 DEGREES 37 MINUTES 32 SECONDS EAST, THENCE SOUTHWESTERLY AN ARC DISTANCE OF 100.58 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 35 DEGREES 39 MINUTES 46 SECONDS; THENCE ON A NON-TANGENT LINE SOUTH 61 DEGREES 37 MINUTES 19 SECONDS EAST 79.10 FEET, THENCE SOUTH 28 DEGREES 28 MINUTES 13 SECONDS WEST 538.68 FEET TO THE SOUTHEASTERLY PROLONGATION OF THE SOUTHWESTERLY LINE OF SAID LOT 1, THENCE ALONG SAID SOUTHEASTERLY PROLONGATION OF THE SOUTHWESTERLY LINE OF LOT 1 AND THE SOUTHWESTERLY, WESTERLY, NORTHWESTERLY, NORTHERLY AND NORTHEASTERLY LINES OF SAID LOT 1 THE FOLLOWING SIX COURSES:

1. NORTH 61 DEGREES 33 MINUTES 07 SECONDS WEST 976.10 FEET TO THE BEGINNING OF A CURVE CONCAVE EASTERLY, HAVING A RADIUS OF 20.00 FEET,
2. NORTHWESTERLY AND NORTHERLY 30.67 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 87 DEGREES 50 MINUTES 59 SECONDS;
3. NORTH 26 DEGREES 17 MINUTES 52 SECONDS EAST 53.91,
4. NORTH 28 DEGREES 20 MINUTES 34 SECONDS EAST 927.38 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHERLY, HAVING A RADIUS OF 20.00 FEET,
5. NORTHEASTERLY, EASTERLY AND SOUTHEASTERLY 31.35 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 89 DEGREES 48 MINUTES 05 SECONDS;
6. SOUTH 61 DEGREES 51 MINUTES 21 SECONDS EAST 652.41 TO THE POINT OF BEGINNING.

98 501498

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

Order: Non-Order Search Doc: LA:1998 00501498 Page 5 of 7 Created By: cdelgado Printed: 7/19/2011 7:35:21 AM PST

PSOMAS

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THIS LEGAL DESCRIPTION IS NOT INTENDED TO BE USED IN THE CONVEYANCE OF LAND IN VIOLATION OF THE SUBDIVISION MAP ACT OF THE STATE OF CALIFORNIA



ROBERT C. OLSON, PLS 5490
PSOMAS AND ASSOCIATES

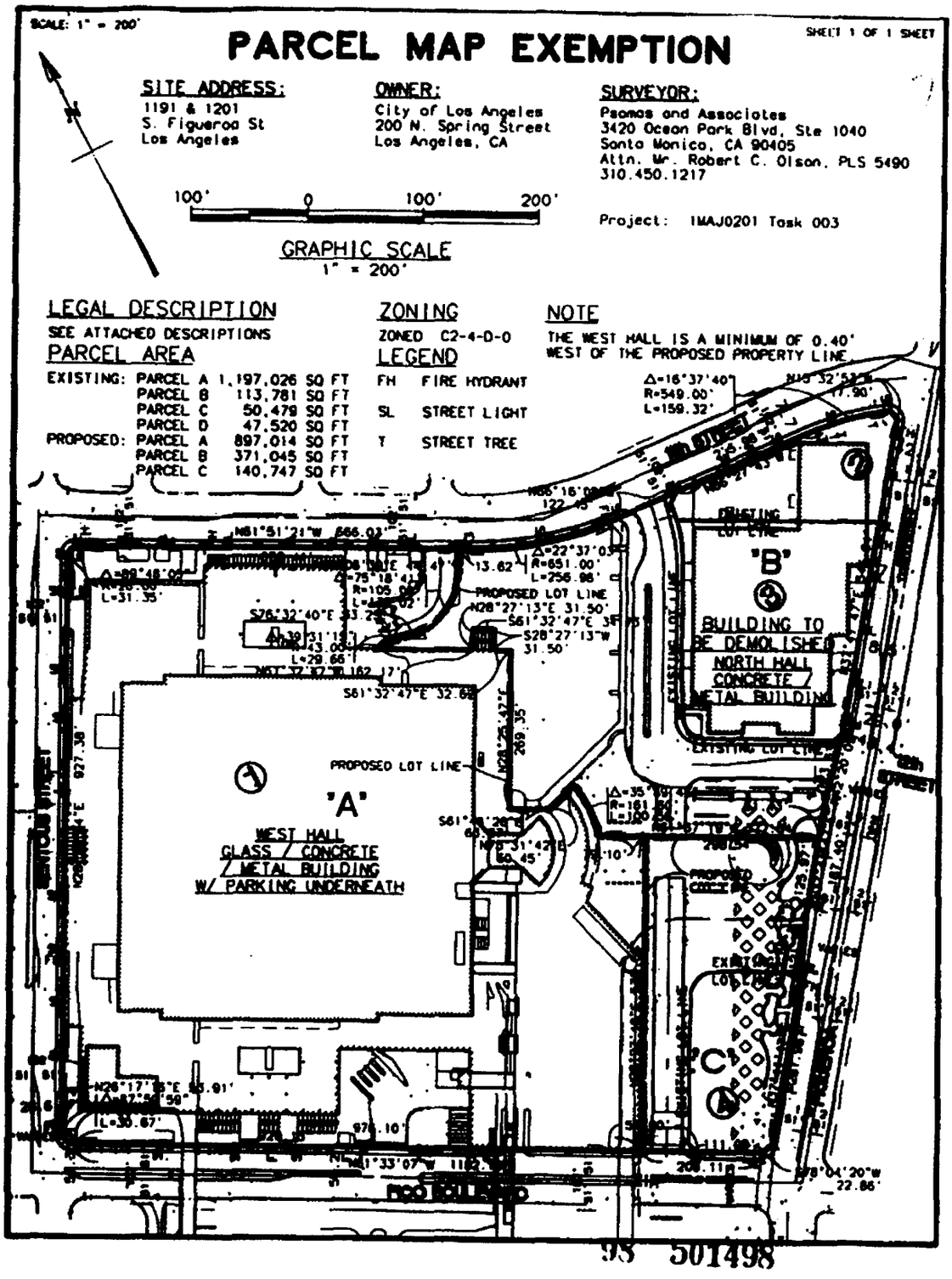
DATE 3.09.98

e:\1maj0301\survey\txt\leg_pr_a.doc
Project 1MAJ0201 Task 003, PMX
March 6, 1998
JDC jdc

Sheet 3 of 3

98 501498

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LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.7
August 2, 2011

The EDR Environmental LienSearch™ Report



Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

LA EVENT CENTER
1201 South Figueroa Street
Los Angeles, CA 90015

RESEARCH SOURCE

Source 1:	Los Angeles County Recorder of Deeds
Source 2:	N/A
Examiner's Note:	Public records of Los Angeles County, CA were searched from January 1, 1980 to July19, 2011, and no other deeds were found of record.

PROPERTY DESCRIPTION

Current Owner:	The City of Los Angeles
Legal Description:	see attached deed
Property Identifiers	APN**:** 5138-16-913
General Comments:	N/A

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	The City of Los Angeles
Title received from:	The City of Los Angeles
Date Executed:	March 26, 1998
Date Recorded:	March 27, 1998
Book:	
Page:	
Volume:	
Instrument #:	98501499
Docket:	
Land Record Comments:	N/A

ENVIRONMENTAL LIEN

Environmental Lien:	Found	Not Found	X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

EDR Environmental LienSearch™ Report

DEED EXHIBIT

STEWART TITLE

98 501499

RECORDING REQUESTED BY:

AND WHEN RECORDED MAIL TO:
City of Los Angeles
Asset Management Division
111 East 1st Street
Room 201
Los Angeles, CA 90012

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
MAR 27 1998 AT 8 A.M.

The recordation of this deed is not for consideration of or tax reassessment, but for the purpose of adjusting the boundary lines per lot line adjustment Case No. 97-030, City of Los Angeles.

GRANT DEED

FREE 0 7

THE CITY OF LOS ANGELES, a municipal corporation, hereby grants to THE CITY OF LOS ANGELES, a municipal corporation, all that certain real property in the City of Los Angeles, County of Los Angeles, State of California, described on Exhibit "A" and attached hereto and made a part hereof.

Subject to all covenants, conditions, restrictions, reservations, rights, rights-of-way, dedications, offers of dedication and easements of record.

(Signature page follows)

LA 1003\187488.1

04002079

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

DATED as of March 26, 1998

THE CITY OF LOS ANGELES, a municipal corporation

By: _____
Name: John Ferraro
Title: President of the City Council

APPROVED AS TO FORM:
JAMES K. HAHN, City Attorney

By: _____
James K. Hahn
City Attorney

By: _____
Patricia V. Tubert
Senior Assistant City Attorney

DATE: 3-26-98

ATTEST:
Michael Carey, City Clerk

By: _____
Deputy

DATE: 3-26-98

LA DOCS-187488 v2

98 501499

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

On the 26th day of March, 1998, before me, DIANA GREEN, a notary public, personally appeared JOHN FERRARO, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon which the person(s) acted, executed this instrument.

WITNESS my hand and official seal.

Diana Green
Notary Public
My commission expires:

DIANA GREEN
Commission # 1137101
Notary Public — California
Los Angeles County
My Comm. Expires May 9, 2001

Attach to Grant Deed
Proposed Parcel B

LA 1XX S:1874XX 34

98 501499

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

LEGAL DESCRIPTION

[redacted] PARCEL B

THOSE PORTIONS OF LOT 1, 2 AND 3 AND TRENTON STREET NORTH, 82 FEET AND 97 FEET WIDE, NOW VACATED BY (COUNCIL FILE NO. 82-1136 OF THE CITY OF LOS ANGELES) RESOLUTION NO. 90-01558 OF THE CITY OF LOS ANGELES, ON FILE IN THE OFFICE OF THE CITY CLERK OF SAID CITY, AND RECORDED AUGUST 16, 1990 AS INSTRUMENT NO. 90-1426183, OFFICIAL RECORDS, AS SHOWN ON TRACT NO. 28165, IN THE CITY OF LOS ANGELES, AS PER MAP RECORDED IN BOOK 814 PAGES 66 TO 69 INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY, DESCRIBED AS A WHOLE AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHEASTERLY LINE OF LOT 1, DISTANT THEREON SOUTH 61 DEGREES 51 MINUTES 21 SECONDS EAST 652.41 FEET FROM THE NORTHWESTERLY TERMINUS OF SAID LINE SHOWN AS SOUTH 61 DEGREES 51 MINUTES 43 SECONDS EAST 666.02 FEET ON SAID TRACT NO. 28165 THEREOF; THENCE SOUTH 28 DEGREES 08 MINUTES 39 SECONDS WEST 44.47 FEET TO THE BEGINNING OF A CURVE CONCAVE NORTHERLY AND HAVING A RADIUS OF 105.00 FEET; THENCE SOUTHWESTERLY, WESTERLY AND NORTHWESTERLY 138.02 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 75 DEGREES 18 MINUTES 41 SECONDS; THENCE NORTH 76 DEGREES 32 MINUTES 40 SECONDS WEST 33.23 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHERLY AND HAVING A RADIUS OF 43.00 FEET; THENCE WESTERLY 29.66 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 39 DEGREES 31 MINUTES 13 SECONDS; THENCE ON A NON-TANGENT LINE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 162.17 FEET; THENCE NORTH 28 DEGREES 27 MINUTES 13 SECONDS EAST 31.50 FEET; THENCE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 34.73 FEET; THENCE SOUTH 28 DEGREES 27 MINUTES 13

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

SECONDS WEST 31.50 FEET; THENCE SOUTH 61 DEGREES 32 MINUTES 47 SECONDS EAST 32.62 FEET; THENCE SOUTH 28 DEGREES 25 MINUTES 47 SECONDS WEST 269.35 FEET; THENCE SOUTH 61 DEGREES 48 MINUTES 26 SECONDS EAST 63.37 FEET; THENCE NORTH 73 DEGREES 31 MINUTES 42 SECONDS EAST 60.45 FEET, TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE WESTERLY, HAVING A RADIUS OF 161.60 FEET AND TO WHICH BEGINNING A RADIAL LINE BEARS NORTH 72 DEGREES 37 MINUTES 32 SECONDS EAST; THENCE SOUTHWESTERLY 100.58 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 35 DEGREES 39 MINUTES 46 SECONDS; THENCE ON A NON-TANGENT LINE, SOUTH 61 DEGREES 37 MINUTES 19 SECONDS EAST 377.64 FEET TO THE NORTHWESTERLY RIGHT-OF-WAY LINE OF FIGUEROA STREET, 112 FEET WIDE, AS SHOWN ON SAID MAP; THENCE NORTH 37 DEGREES 41 MINUTES 47 SECONDS EAST 61.43 FEET ALONG SAID NORTHWESTERLY RIGHT-OF-WAY LINE OF FIGUEROA STREET, 112 FEET WIDE, TO THE NORTHEASTERLY TERMINUS OF THAT CERTAIN COURSE IN THE MOST SOUTHEASTERLY LINE OF SAID LOT 1 SHOWN AS SOUTH 37 DEGREES 41 MINUTES 37 SECONDS WEST 187.38 FEET; THENCE ON A DIRECT LINE NORTH 42 DEGREES 20 MINUTES 09 SECONDS EAST 123.63 FEET TO THE EASTERLY TERMINUS OF THAT CERTAIN COURSE IN THE MOST SOUTHEASTERLY LINE OF SAID LOT 3, SHOWN AS SOUTH 78 DEGREES 04 MINUTES 11 SECONDS WEST 22.85 FEET; THENCE NORTH 37 DEGREES 41 MINUTES 47 SECONDS EAST 545.94 FEET ALONG THE NORTHWESTERLY RIGHT-OF-WAY LINE OF FIGUEROA STREET, 102 FEET WIDE, AS SHOWN ON SAID MAP TO THE MOST EASTERLY CORNER OF LOT 2; THENCE NORTH 15 DEGREES 32 MINUTES 53 SECONDS WEST 17.90 FEET ALONG THE EASTERLY LINE OF SAID LOT 2 TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF SAID ELEVENTH STREET, 102 FEET WIDE, AS SHOWN ON SAID MAP, SAID RIGHT-OF-WAY LINE BEING A NON-TANGENT CURVE CONCAVE SOUTHERLY AND HAVING A RADIUS OF 549.00 FEET TO WHICH BEGINNING A RADIAL LINE BEARS NORTH 20 DEGREES 09 MINUTES 57 SECONDS EAST; THENCE WESTERLY 159.32 FEET ALONG SAID CURVED RIGHT-OF-WAY THROUGH A CENTRAL ANGLE OF 16 DEGREES 37 MINUTES 40 SECONDS; THENCE NORTH 86 DEGREES 27 MINUTES 43

98 501499

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Order: Non-Order Search Doc: LA:1998 00501499 Page 5 of 7 Created By: cdelgado Printed: 7/19/2011 7:35:05 AM PST

SECONDS WEST 235.98 FEET ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE OF ELEVENTH STREET, TO THE NORTHEASTERLY TERMINUS OF THAT CERTAIN COURSE IN THE NORTHERLY LINE OF SAID LOT 2, SHOWN AS NORTH 50 DEGREES 01 MINUTES 32 SECONDS EAST 21.76 FEET ON SAID MAP; THENCE NORTH 86 DEGREES 16 MINUTES 08 SECONDS WEST 122.45 FEET ALONG A DIRECT LINE TO THE EASTERLY TERMINUS OF THAT CERTAIN CURVE IN THE SOUTHERLY LINE OF SAID ELEVENTH STREET, 102 FEET WIDE, AS SHOWN ON SAID MAP, HAVING A RADIUS OF 651 FEET, SAID POINT ALSO BEING THE BEGINNING OF A NON-TANGENT CURVE CONCAVE NORTHEASTERLY AND HAVING A RADIUS OF 651.00 FEET, AND TO WHICH BEGINNING A RADIAL LINE BEARS SOUTH 5 DEGREES 31 MINUTES 37 SECONDS WEST; THENCE WESTERLY AND NORTHWESTERLY 256.98 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 22 DEGREES 37 MINUTES 03 SECONDS; THENCE NORTH 61 DEGREES 51 MINUTES 21 SECONDS WEST 13.62 FEET ALONG THE SOUTHEASTERLY RIGHT-OF-WAY OF ELEVENTH STREET, 102 FEET WIDE TO THE POINT OF BEGINNING.

THIS LEGAL DESCRIPTION AS DESCRIBED IS DELINEATED ON THE ACCOMPANYING "PARCEL MAP EXEMPTION" AND IS MADE A PART HEREOF FOR REFERENCE PURPOSES.

THIS LEGAL DESCRIPTION IS NOT INTENDED TO BE USED IN THE CONVEYANCE OF LAND IN VIOLATION OF THE SUBDIVISION MAP ACT OF THE STATE OF CALIFORNIA.



ROBERT C. OLSON, PLS 5490
PSOMAS AND ASSOCIATES

DATE: 3.19.98

e:\lmaj0101\survey\ut\leg_pr_b.doc
Project: LMAJ0201 Task 003, PMX
March 19, 1998
JDC:jdc

98 501499

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Order: Non-Order Search Doc: LA:1998 00501499 Page 6 of 7 Created By: cdelgado Printed: 7/19/2011 7:35:05 AM PST

SCALE: 1" = 200'

SHEET 1 OF 1 SHEET

PARCEL MAP EXEMPTION

SITE ADDRESS:
1191 & 1201
S. Figueroa St
Los Angeles

OWNER:
City of Los Angeles
200 N. Spring Street
Los Angeles, CA

SURVEYOR:
Psomas and Associates
3420 Ocean Park Blvd, Ste 1040
Santa Monica, CA 90405
Attn. Mr. Robert C. Olson, PLS 5490
310.450.1217

Project: 1MAJ0201 Task 003

100' 0 100' 200'

GRAPHIC SCALE
1" = 200'

LEGAL DESCRIPTION
SEE ATTACHED DESCRIPTIONS

PARCEL AREA

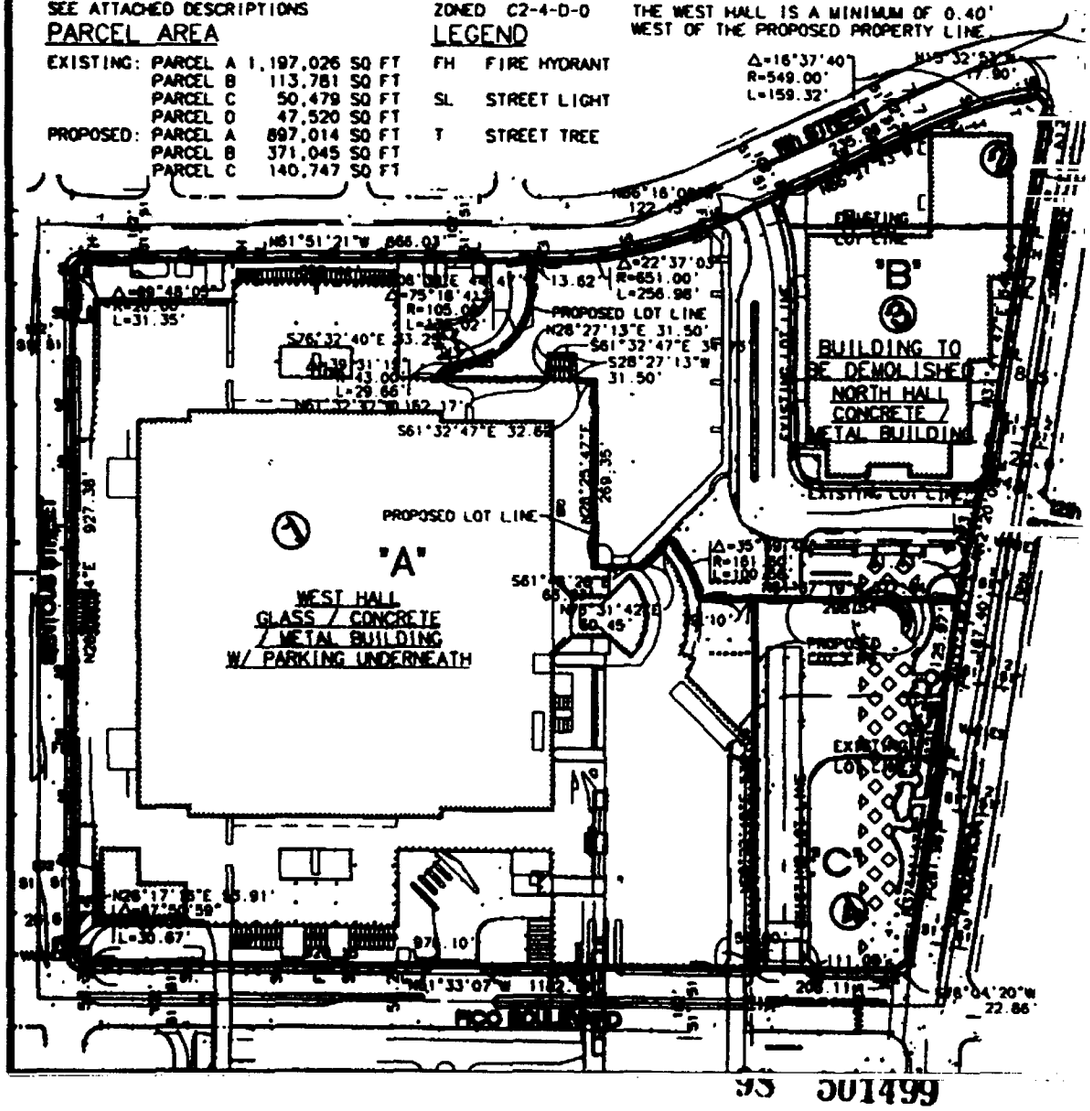
EXISTING:	PARCEL A	1,197,026	SQ FT
	PARCEL B	113,781	SQ FT
	PARCEL C	50,479	SQ FT
	PARCEL D	47,520	SQ FT
PROPOSED:	PARCEL A	897,014	SQ FT
	PARCEL B	371,045	SQ FT
	PARCEL C	140,747	SQ FT

ZONING
ZONED C2-4-D-O

LEGEND

FH	FIRE HYDRANT
SL	STREET LIGHT
T	STREET TREE

NOTE
THE WEST HALL IS A MINIMUM OF 0.40' WEST OF THE PROPOSED PROPERTY LINE.



93 501499

This map should be used for reference purposes only. No liability is assumed for the accuracy of the days shown. Parcels may not comply with local subdivision or building ordinances.

LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.7
August 2, 2011

The EDR Environmental LienSearch™ Report



Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

LA EVENT CENTER
1201 South Figueroa Street
Los Angeles, CA 90015

RESEARCH SOURCE

Source 1:	Los Angeles County Recorder of Deeds
Source 2:	N/A
Examiner's Note:	Public records of Los Angeles County, CA were searched from January 1, 1980 to July19, 2011, and no other deeds were found of record.

PROPERTY DESCRIPTION

Current Owner:	The City of Los Angeles
Legal Description:	N/A
Property Identifiers	APN**:** 5138-16-909
General Comments:	N/A

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	The City of Los Angeles
Title received from:	N/A
Date Executed:	N/A
Date Recorded:	N/A
Book:	
Page:	
Volume:	
Instrument #:	N/A
Docket:	
Land Record Comments:	According to county records the above party has this property prior to our search period. Records were searched back to 1960. No deed found. No deed attached.

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

LA Event Center
1201 South Figueroa Street
Los Angeles, CA 90015

Inquiry Number: 3121278.7
August 2, 2011

The EDR Environmental LienSearch™ Report



Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

LA EVENT CENTER
1201 South Figueroa Street
Los Angeles, CA 90015

RESEARCH SOURCE

Source 1:	Los Angeles County Recorder of Deeds
Source 2:	N/A
Examiner's Note:	Public records of Los Angeles County, CA were searched from January 1, 1980 to July19, 2011, and no other deeds were found of record.

PROPERTY DESCRIPTION

Current Owner:	The City of Los Angeles
Legal Description:	N/A
Property Identifiers	APN**:** 5138-16-908
General Comments:	N/A

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	The City of Los Angeles
Title received from:	N/A
Date Executed:	N/A
Date Recorded:	N/A
Book:	
Page:	
Volume:	
Instrument #:	N/A
Docket:	
Land Record Comments:	According to county records the above party has this property prior to our search period. Records were searched back to 1960. No deed found. No deed attached.

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found X

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found X

If found:

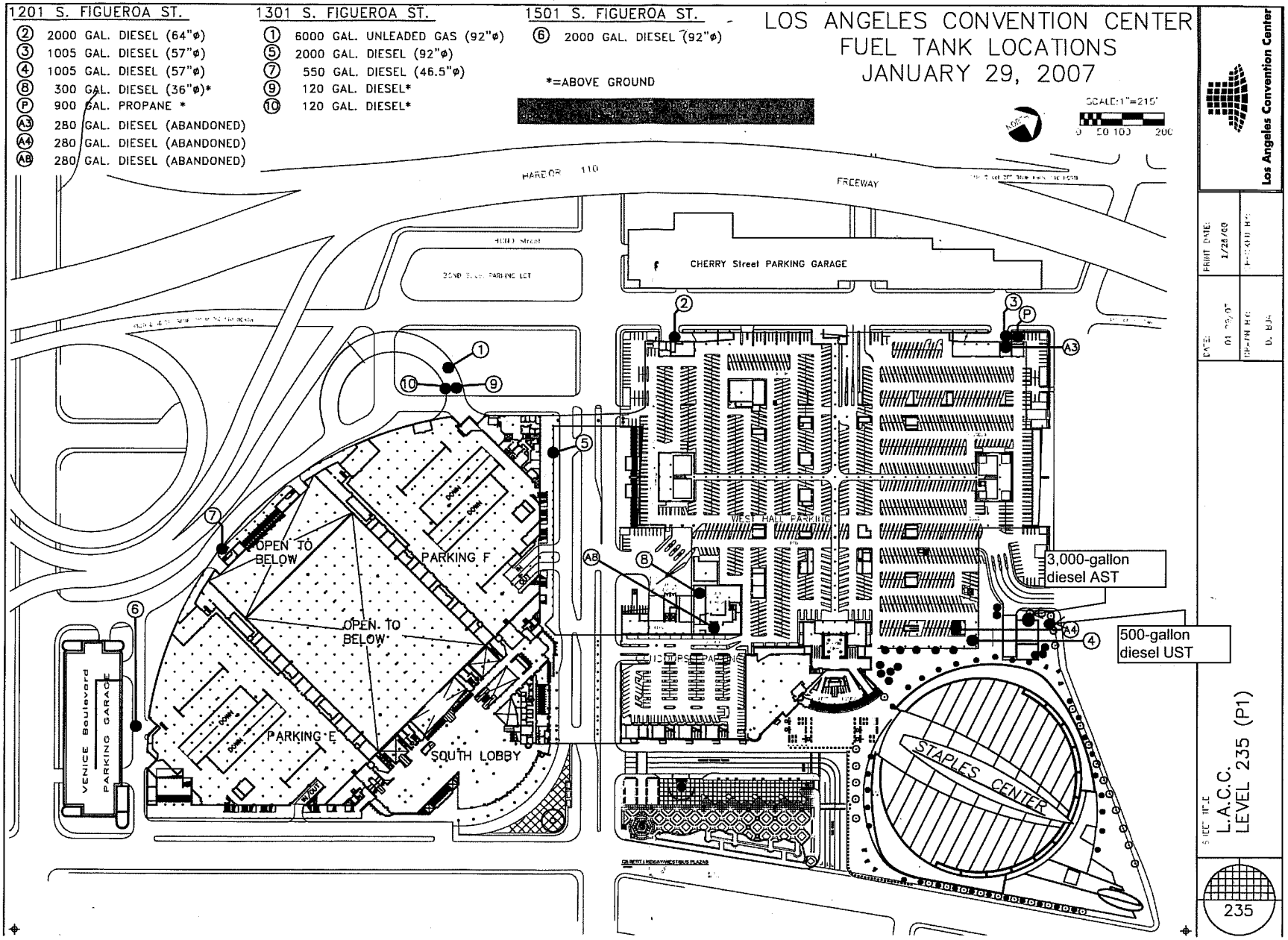
1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix E
Storage Tank Information and Fire Department Records


1201 S. FIGUEROA ST.
② 2000 GAL. DIESEL (64"ø)
③ 1005 GAL. DIESEL (57"ø)
④ 1005 GAL. DIESEL (57"ø)
⑧ 300 GAL. DIESEL (36"ø)*
Ⓟ 900 GAL. PROPANE *
Ⓐ3 280 GAL. DIESEL (ABANDONED)
Ⓐ4 280 GAL. DIESEL (ABANDONED)
ⒶⒷ 280 GAL. DIESEL (ABANDONED)
1301 S. FIGUEROA ST.
① 6000 GAL. UNLEADED GAS (92"ø)
⑤ 2000 GAL. DIESEL (92"ø)
⑦ 550 GAL. DIESEL (46.5"ø)
⑨ 120 GAL. DIESEL*
⑩ 120 GAL. DIESEL*
1501 S. FIGUEROA ST.
⑥ 2000 GAL. DIESEL (92"ø)
*=ABOVE GROUND
LOS ANGELES CONVENTION CENTER
FUEL TANK LOCATIONS
JANUARY 29, 2007
SCALE:1"=215'
0 50 100 200
HARBOR 110 FREEWAY
CHERRY Street PARKING GARAGE
WEST HALL PARKING
OPEN TO BELOW
PARKING F
OPEN TO BELOW
PARKING E
SOUTH LOBBY
VENICE Boulevard PARKING GARAGE
STAPLES CENTER
3,000-gallon diesel AST
500-gallon diesel UST
Los Angeles Convention Center
L.A.C.C.
LEVEL 235 (P1)
235

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

June 25, 1998

TO: Raul Macias, City of Los Angeles
Department of General Services

FROM: Fire Department

SUBJECT: CONVENTION CENTER
1201 SOUTH FIGUEROA STREET
LOS ANGELES, CA 90015

The Fire Department has reviewed the Closure Report, dated February 26, 1998, as submitted by A.E. Schmidt Environmental.

Based on the information provided to date, this Department has determined that no further action is required at this time.

Please note this letter does not exempt you of any liability under the California Health and Safety Code or Water Code for past, present or future operations at this site. Nor does it exempt you of the responsibility to correct additional or previously unidentified conditions at the site, which cause or thereafter to cause, pollution or nuisance, or otherwise pose a threat to water quality or public health.

If you require additional information from the Los Angeles City Fire Department, contact Inspector Percy E. Jones, Environmental Unit, at (213) 485-7543.

Very truly yours,

WILLIAM R. BAMATTRE
Chief Engineer and General Manager

D. C. Wilcox

Dennis C. Wilcox, Captain II
Commander, Environmental Unit

DCW:PEJ:kz:ENV2455

cc: A.E. Schmidt Environmental

A.E. Schmidt Environmental

February 26, 1998

UST CLOSURE REPORT

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES

CONVENTION CENTER
1201 S. FIGUEROA STREET
LOS ANGELES, CALIFORNIA

CONTRACT No. 55036
LAFD PERMIT No. 6464
AESE JOB No. 1148

SCANNED
DEC 20 2004

Prepared for:

City of Los Angeles
Bureau of Fire Prevention
200 N. Main Street
Los Angeles, CA 90012

City of Los Angeles
Department of General Services
555 Ramirez Street
Los Angeles, CA 90012

Prepared by:

A.E. Schmidt Environmental
16509 Saticoy Street
Van Nuys, California 91406
(818) 786-2373

16509 Saticoy Street
Van Nuys, California 91406
(818) 786-2373
(818) 786-5440 FAX

A.E. Schmidt Environmental

February 26, 1998

UST CLOSURE REPORT

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES

CONVENTION CENTER
1201 S. FIGUEROA
LOS ANGELES, CALIFORNIA

CONTRACT No. 55036
LAFD PERMIT No. 6464
AESE JOB No. 1148

Prepared by:
A.E. Schmidt Environmental
16509 Saticoy Street
Van Nuys, California 91406
(818) 786-2373

Chris Thixton
Project Manager

Don Indermill
Registered Geologist

REGISTERED GEOLOGIST
DONALD C. INDERMILL
No. 5102
Exp. 5/Mar./2000
STATE OF CALIFORNIA

16509 Saticoy Street
Van Nuys, California 91406
(8) 786-2373
(8) 786-5440 FAX

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APPENDICES

A. Permits
B. Hazardous Waste Manifests and Certificates
C. Excavation, Stockpile, and Air Monitoring Logs
D. Chain-of-Custody and Laboratory Results
E. Compaction Report

1. INTRODUCTION

This report documents the closure of one (1) underground storage tank (UST) completed by A.E. Schmidt Environmental (AESE) for the City of Los Angeles, Department of General Services. The UST was located at the City of Los Angeles Convention Center, 1201 S. Figueroa Street, Los Angeles, California. The closure involved the removal of one (1) 2,000 gallon gasoline UST.

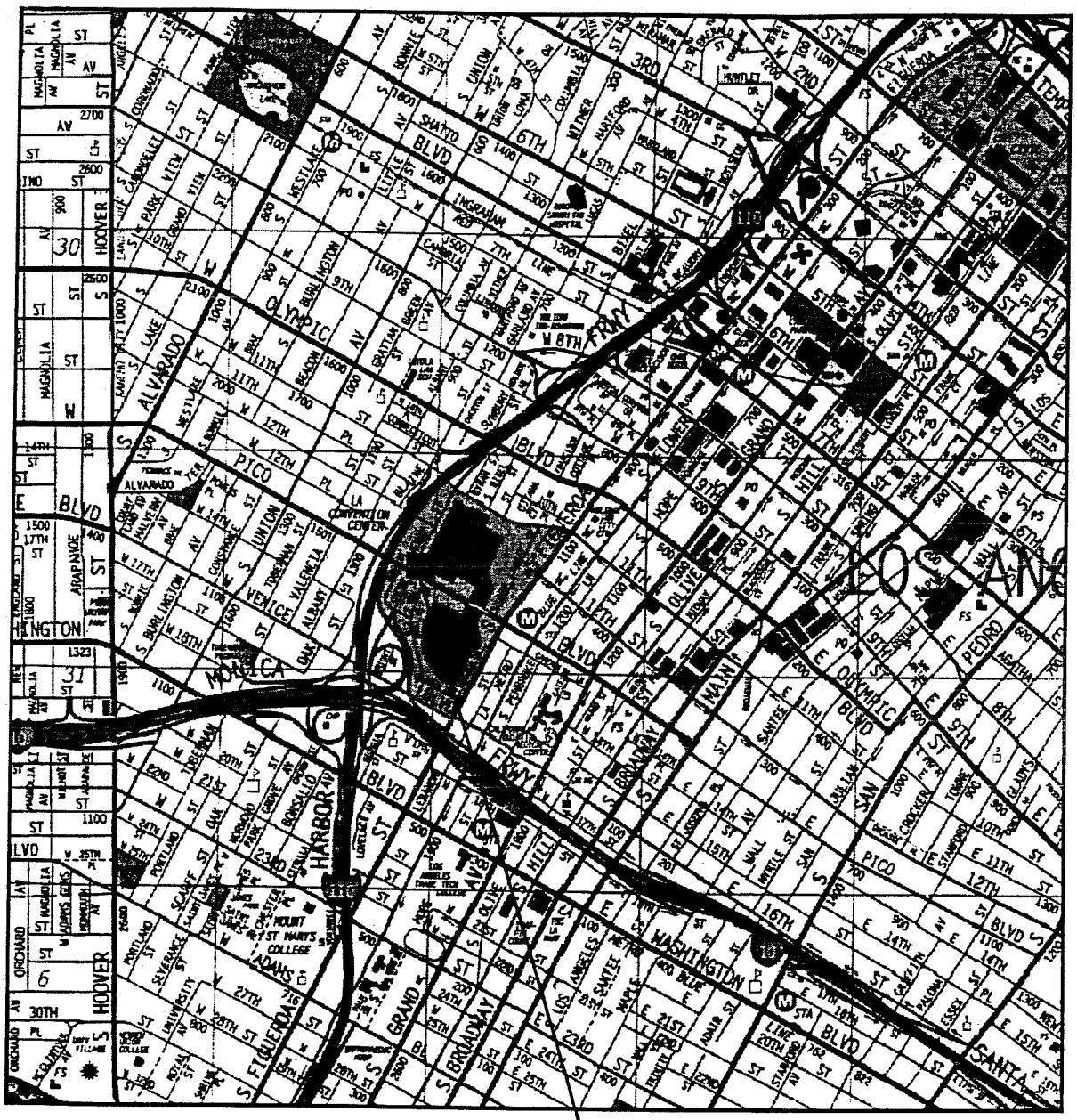
UST removal operations to include permitting and scheduling were completed in accordance with the City of Los Angeles Building Department, Fire Department, and Department of General Services UST closure regulations. The UST removal activities included the excavation and removal of the UST, soil sampling, and backfilling of the excavation. Related activities included degassing the UST, transporting the UST to a disposal facility, and sample analysis by a certified laboratory. Supporting documentation such as permits, field monitoring results, manifests and certificates, laboratory results, and compaction report are presented in Appendices A through E. This report describes the methods employed to comply with regulatory requirements for UST closure.

2. SITE DESCRIPTION

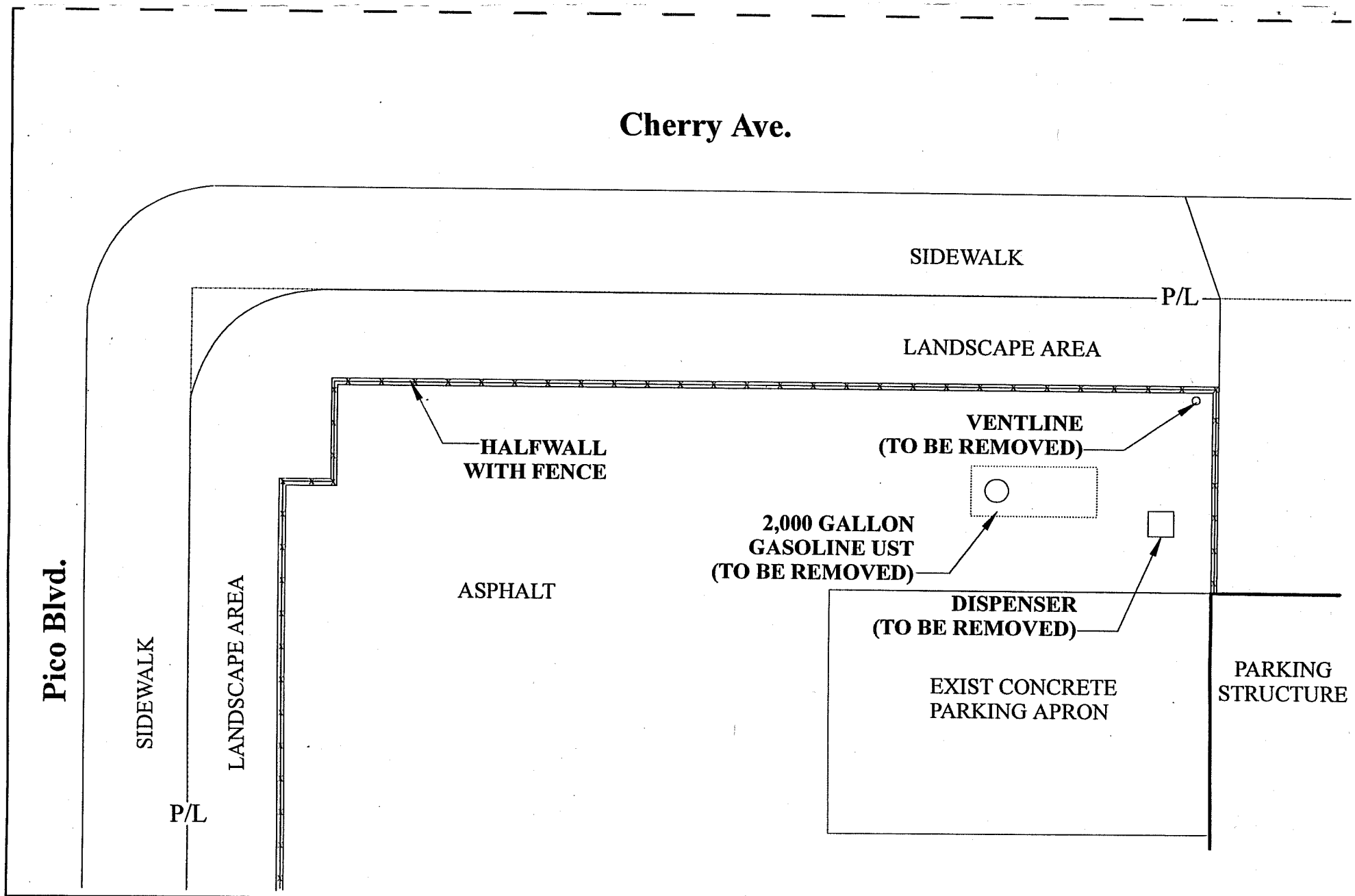
The Convention Center is located in the center of Los Angeles County in a mostly urban setting. The facility has operated as a convention center since the 1960's. The facility is approximately 25 acres in size and consists of a primary central facility providing access for conventions, support buildings, and parking structures. Figure 1 shows the site vicinity map with the project site marked in red. Figure 2 shows the site map and UST documented within this report.

3. BACKGROUND

A workplan (AESE, February 2, 1998) was prepared by AESE and approved by the Department of General Services to remove the UST. The UST was removed based on the Department of General Services intention to fulfill regulatory requirements to remove all single wall steel USTs by December 22, 1998.



AESE A.E. SCHMIDT ENVIRONMENTAL INC CONSULTANTS AND CONTRACTORS	City of Los Angeles Convention Center 1201 S. Figueroa St. Los Angeles, California 90015	Drawn By: A. Villanueva Approved By: C.Thixton Date: 2-10-08 Job No.: 1148 File Name: 1148-Fig1.cdr	FIGURE 1	NORTH
	LOCATION MAP	MAP NOT TO SCALE		



AESE
A.E. SCHMIDT ENVIRONMENTAL INC
CONSULTANTS AND CONTRACTORS
16509 Saticoy Street Van Nuys, CA 91402 1-800-501-2373

City of Los Angeles
Convention Center
1201 S. Figueroa St.
Los Angeles, California 90015

Drawn By:	A. Villanueva
Approved By:	C. Thixton
Date:	1-13-98
Job No.:	P2121
File Name:	1148-Fig2.cdr
Scale In Ft.	0 10 20

NORTH

Site Plan

FIGURE
2

4. GROUNDWATER CONDITIONS

Soils encountered during the UST removal activities consisted primarily of fine to medium coarse grained sand. According to records made available by the Los Angeles County Department of Public Works, Hydrologic Records Division, the nearest known active water well is No. 2735A. The well is approximately a 1/4 mile southeast of the site, at the intersection of Pico Boulevard and Figueroa Street. The ground surface elevation of this well is 232.6 feet above mean sea level, and the depth to groundwater measured on April 18, 1984 was 137.2 feet below ground surface (bgs). Groundwater was not encountered during the UST removal activities. The depth of excavation was 11.0 feet..

5. UST REMOVAL OPERATIONS

5.1 Permits

Prior to the permitting process, the location was reviewed by a representative of AESE who drafted a site plan, established the approximate orientation of the UST, associated piping, and noted structures located on the property.

A UST removal permit was obtained from City of Los Angeles Fire Department (Permit No. 6464), and Building Department (Permit No. 98LA71401). Once the appropriate UST removal permits were obtained, Underground Service Alert (Ref. No. 20979), South Coast Air Quality Management District (SCAQMD) (Ref. No. EB980009), and Cal-OSHA (Permit No. 98901930) were notified. Permits are included in Appendix A.

5.2 Site Safety Procedures

Prior to all work activities a site safety meeting was held with City of Los Angeles representatives and all AESE field personnel. Specific hazards, hospital location, potential risks, and other site specific safety procedures were discussed.

5.3 UST Removal Procedures

On February 5, 1998, excavation activities were initiated and completed. The area over the UST, dispenser, and asphalt drive pad were broken out and stockpiled for disposal. The soil associated with the UST excavation was and stored south of the UST excavation.

During the excavation work, soils were monitored for emissions of volatile organic compounds (VOC's). VOC readings were retrieved 3 inches above the excavated stockpiled soils using a Gastech model No. 201. Logs documenting the field monitoring results are included in Appendix C.

Nieto & Sons degassed the UST per SCAQMD Rule 1149. The UST was then triple rinsed through an available opening. Based on a lower explosive level of less than 10%, the UST was certified by an Industrial Hygienist from CTL, Inc., and the UST was removed based on the authorization of Inspector Stivason from the City of Los Angeles Fire Department. One (1) UST, and all associated piping were then loaded onto awaiting transportation for disposal. One (1) dispenser was salvaged by the City of Los Angeles and will be utilized for replacement parts on other dispensers

LOS ANGELES CITY FIRE DEPARTMENT
DIVISION- 5 PERMIT - ATMOSPHERIC UNDERGROUND TANK

14/715	LAFD FACILITY I.D.	FIRE STATION #	ENFORCEMENT INSPECTOR
)61784-77	JCW	310	STICHSON

LOCATION INFORMATION

▼ FD USE ONLY ▼

Business As CITY OF LOS ANGELES Vention Center (1/49)	Date Granted: 1-15-98	PERMIT# 6464
# AD 981-989-978	Date Expires: 1-15-99	
ess 201 S. FIGUEROA St		Phone # 213-485 7601
A	State: CA	Zip: 90015

PROPERTY OWNER

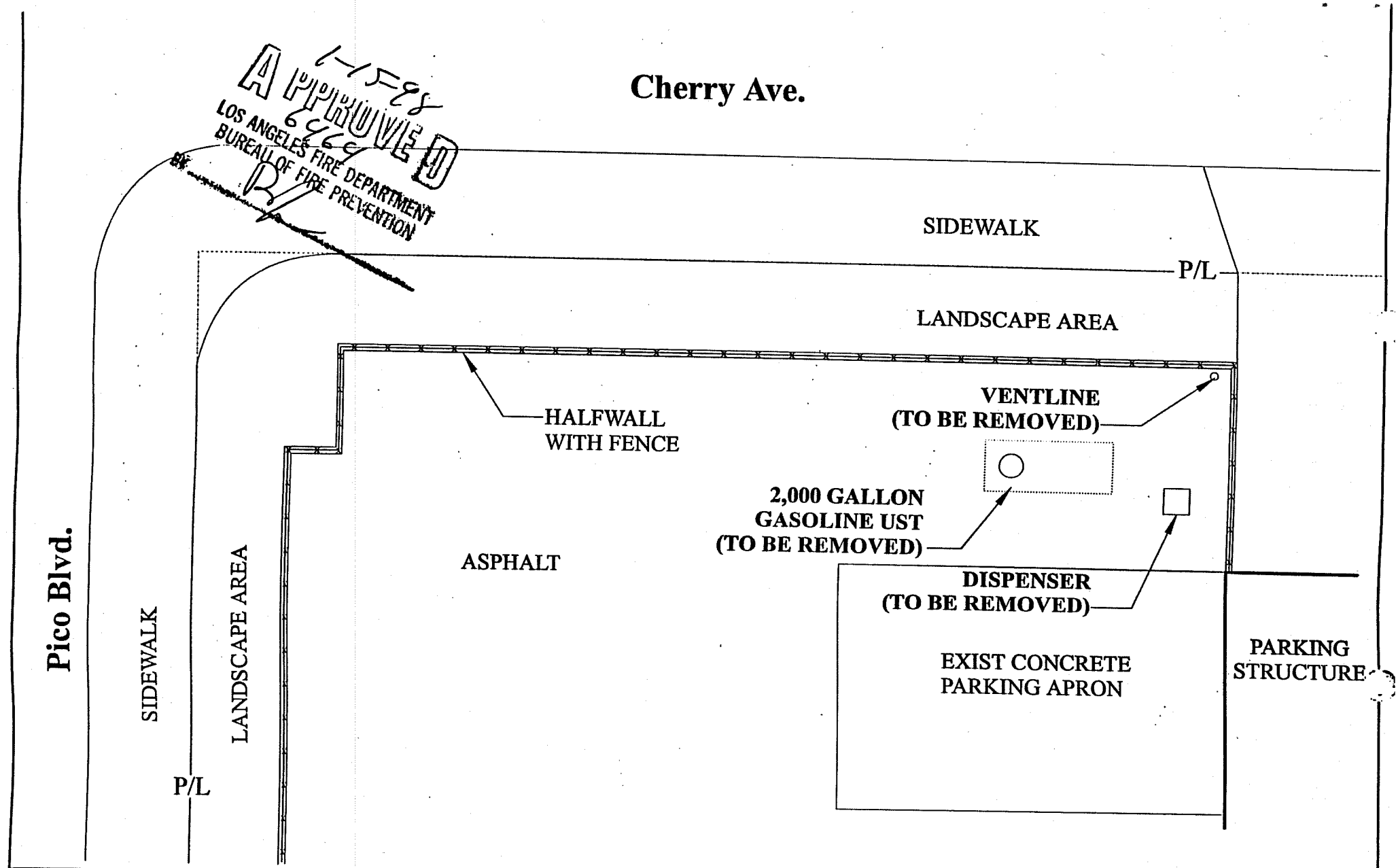
CITY OF LOS ANGELES / RAUL MACIAS		Phone: (213) 485-7601
ess: 555 RAMIREZ St.		
LA	State: CA	Zip: 90012
ame: S THIXTON	Signature: REP. FOR OWNER	

CONTRACTOR INFORMATION

AE SCHMIDT ENVIRONMENTAL		Phone: (818) 786-2373
ess: 16509 SATICOY STREET		
VAN NUYS	State: CA	Zip: 91406
SINESS # 79601	STATE CONTRACTORS # A-HAZ-710784	WORK COMP # 044-95JN-4 0014316
me: S THIXTON	Signature:	Title: PROJECT MANAGER

ITEM	QTY	
ABANDONMENT BY REMOVAL	1	2,000 GALLON GAS UST
TANK ENTRY/ LINING/ REPAIR		
BANDONMENT IN PLACE		
INSTALLATION		
ADD TO /ALTER: MONITORING		
DD TO/ ALTER: PIPING /DISPENSER		

or Signature:



AESE
A.E. SCHMIDT ENVIRONMENTAL INC
CONSULTANTS AND CONTRACTORS
16509 Saticoy Street Van Nuys, CA 91402 1-800-501-2373

City of Los Angeles
Convention Center
1201 s. Figueroa St.
Los Angeles, California 90015

Drawn By:	A. Villanueva
Approved By:	C. Thixton
Date:	1-13-98
Job No.:	P2121
File Name:	2121-Fig2.cdr
Scale In Ft.	0 10 20

NORTH

Site Plan

FIGURE
2

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

March 23, 1994

TO: Mr. Raul Macias
Department of General Services

FROM: Fire Department

SUBJECT: LOS ANGELES CONVENTION CENTER
1201 SOUTH FIGUEROA STREET
LOS ANGELES, CALIFORNIA

The Fire Department has reviewed the report dated February 4, 1994, as submitted by Geotechnical Services.

Based on the information provided, this Department concurs with your proposal on the removal and replacement of the underground tanks at this location. Please provide the Underground Tank Plan Check Unit with a remedial action plan immediately following the removal of the underground tank and dispenser.

If you require additional information from the Los Angeles City Fire Department, please contact Inspector Jesse J. Franco, of the Underground Tank Plan Check Unit, at (213) 485-7543.

Jim N. Digrado, Captain I
Commander, Underground Tank Plan Check Unit

JND:JJF:eq:ugt255

CITY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Bureau of Engineering

GEOTECHNICAL SERVICES

February 4, 1994
File 92-922

10/1 LOS ANGELES CONVENTION CENTER - 1201 SOUTH FIGUEROA STREET - SITE ASSESSMENT FOR REPLACEMENT OF UNDERGROUND STORAGE TANKS
E1700270

EXECUTIVE SUMMARY

During a tank integrity test a leak was discovered in the piping associated with an underground gasoline storage tank which is located at the southwest corner of the Los Angeles Convention Center's covered parking structure, near the intersection of Pico Boulevard and Sentous Street (Site 1). The piping leak was repaired by the Department of General Services and the unauthorized release (leak) was reported to the Los Angeles Fire Department (LAFD). A Fire/Safety Violation was then issued by the LAFD requiring a site assessment and remedial action plan. In addition, a request for the replacement of the remaining three underground diesel storage tanks was received from the Architectural Division. Consequently, a site assessment for soil contamination was performed on the property and borings were drilled adjacent to the gasoline tank. Additional borings were drilled to find clean areas for the replacement of the remaining diesel tanks. During the drilling and sampling operations, excessive levels of gasoline and benzene, toluene, ethylbenzene, and total xylenes (BTEX) contamination were encountered at Site 1 near the location of a 2,000 gallon underground gasoline storage tank and a 280 gallon underground diesel tank. The vertical and horizontal limits of the contamination plume were defined by drilling 10 test borings. The volume of soil that requires remediation is approximately 500 cubic yards. The groundwater is located at least 200 feet below the existing surface and is not believed to be impacted.

In addition, trace amounts of contamination were discovered adjacent to a 280 gallon underground diesel storage tank located at the northwest corner of the Convention Center's covered parking structure, which is near the intersection of 11th Street and Sentous Street (Site 2). No contamination was discovered at the location designated for the future placement of another 280 gallon underground diesel tank (Site 3), which is located near the northeast corner of the Convention Center's covered parking structure, near the southeast corner of 11th Street and Trenton Street.

SCANNED

DEC 20 2004

DISCUSSION

Background

The Los Angeles Convention Center is located near the intersection of the Santa Monica (10) Freeway and the Harbor (110) Freeway, at the corner of Pico Boulevard and Figueroa Street. A 2,000 gallon underground gasoline storage tank, and three 280 gallon underground diesel storage tanks for three emergency generators were originally installed in 1968, according to the Department of General Services.

Previous Work

On May 11, 1992, a piping leak was discovered between the 2,000 gallon underground gasoline tank and the associated dispenser during a tank integrity test performed for the Department of General Services. The leak was subsequently repaired and an underground storage tank unauthorized release (leak) report was forwarded to the LAFD and a request for a site assessment was sent to Geotechnical Services.

Three borings were drilled at Site 1 by TTMS Inc. on July 30, 1992, adjacent to the 2,000 gallon underground diesel tank and the dispenser. Borings H-1, H-2, and H-3 were drilled to depths of 46 feet, 9.5 feet, and 41 feet, respectively. Samples were analyzed using EPA Methods 8015 (modified for gasoline), 8015 (modified for diesel), 8020 for BTEX, and 7420 for total lead. Soil samples revealed gasoline, benzene, and total xylenes contamination above levels specified in the LAFD Action Threshold Limits at Boring H-1, near the dispenser, between the depths of 15 and 20 feet. The attached TTMS, Inc. report includes boring logs, laboratory data, and a figure showing the boring locations.

Current Drilling and Sampling

From May 4, 1993 to May 13, 1993, eight additional borings were drilled at Site 1 by the Department of General Services, Division of Standards. Borings H-4, H-5, H-6, H-7, H-8, H-8A, H-9, and H-10 were drilled to depths of 36 feet, 36 feet, 46 feet, 41 feet, 7 feet, 21 feet, 42 feet, and 36 feet, respectively. On May 5, 1993, one boring (H-11) was drilled to a depth of 21 feet at Site 3 by the Division of Standards to determine the future placement location for a 280 gallon diesel tank. On May 12, 1993, one boring (H-12) was drilled to a depth of 26 feet adjacent to an existing 280 gallon diesel tank at Site 2, by the Division of Standards. Undisturbed soil samples were collected for chemical and geotechnical testing. The drilling operation and sample collection was completed in compliance with the State of California Leaking Underground Field Tank (LUFT) Manual, 1989 edition, guidelines.

A geologist was present during the drilling and sampling operations, and inspected all samples for field identification of lithology and contamination. Soil samples were collected

At Site 2, Boring H-12 encountered 6 inches of PCC pavement underlain by 4.5 feet of clay with some silt and a little sand and gravel. This was further underlain by poorly-graded gravel with some silt and cobbles, to the final boring depth of 26 feet.

At Site 3, Boring H-11 encountered 5 inches of AC pavement underlain by 6 inches of sand/gravel base material, which was further underlain by 2 feet of clayey sand and ultimately underlain by poorly-graded sand with silt, gravel, and small cobbles, to the final depth of boring.

Groundwater

Groundwater is located approximately 220 feet below existing ground surface based on the information received from the Los Angeles County Flood Control District. Well No. 2747-A, located near the intersection of Washington Boulevard and San Pedro Street, which is approximately 1.5 miles southeast of the Convention Center site, had a groundwater depth of 221.1 feet as measured on February 6, 1990, at an elevation of 227 feet above mean sea level. The Convention Center site is at an elevation of 222 feet above mean sea level.

Laboratory Analyses - Chemical

All 59 samples were analyzed for BTEX using either EPA Method 8020 or EPA Method 8260. A total of 46 samples from Borings H-4 through H-8, H-8A, H-10, and H-11 were analyzed for gasoline using EPA Method 8015 (modified for gasoline). A total of 5 samples from Boring H-12 were analyzed for diesel using EPA Method 8015 (modified for diesel). A total of 8 samples from Boring H-9 were analyzed for both gasoline and diesel using EPA Methods 8015 (modified for gasoline, and diesel). In addition, one sample each from Borings H-4, H-5, H-9 and two samples each from Boring H-6, and H-10 were analyzed for total lead using EPA Method 7420. All laboratory reports and procedures are attached. Table 1, which lists all contaminated soil samples from ALT's borings and the Division of Standards borings and their concentrations, is also attached.

Laboratory Analyses - Geotechnical

The fifteen representative undisturbed and bulk samples obtained for geotechnical analysis, taken from Borings TH-7, TH-8A, TH-11, and TH-12, were tested to determine physical and engineering properties. The testing consisted of in-situ moisture content and density, optimum moisture content, maximum dry density, consolidation and direct shear. In addition, samples were visually classified using the Unified Soil Classification System (USCS). Direct shear test results were used to evaluate the stability of the excavation.

from natural organics, the LUFT Manual guidelines classify the contamination at Site 2 as a Category 1 site. To estimate the concentration levels of contamination that can be left in place, a leaching potential analysis was preformed and is shown in Table 2-1. According to the LUFT Manual guidelines, soil can be left in place without threatening groundwater quality if benzene, toluene, ethylbenzene, and total xylenes levels do not exceed 1 ppm, 50 ppm, 50 ppm, and 50 ppm, respectively.

Category 2 - General Risk Appraisal

Significant contamination was found during the drilling at the location of the existing 2,000 gallon underground gasoline storage tank. According to the LUFT Manual guidelines, this contamination site should be treated as a Category 2 site. The general risk appraisal provided in Table 2-2 contains questions that are designed to identify sites which could produce a greater risk to groundwater. According to the LUFT Manual guidelines, if any of the questions cannot be answered with a "no", then the results must be less valid. Question 4 of the general risk appraisal in Table 2-2 states that the concentrations of the fuel constituents in any soil sample should not exceed the following amounts; benzene - 100 ppm, toluene - 80 ppm, xylene - 40 ppm, ethylbenzene - 40 ppm. Samples obtained from Borings H-1 and H-6 exceed these levels, making general risk appraisal less valid. Question 8 of the general risk appraisal in Table 2-2 states that a layer of material, 5 feet thick or more, which is more than 75% sand and/or gravel, should not be present in any of the boring logs. The boring log for Boring H-6 shows the presence of a layer of SP-SM which is 29 feet thick and contains 90% sand, making the general risk appraisal less valid.

Alternate Risk Appraisal

Geotechnical Services proposes an alternate risk appraisal based on the levels of contamination found, type of soil, and depth to groundwater. Geotechnical Services proposes benzene, toluene, ethylbenzene, total xylenes and gasoline levels of 0.3 ppm, 0.3 ppm, 1.0 ppm, 1.0 ppm, and 100 ppm, respectively, as clean up levels.

CONCLUSIONS/RECOMMENDATIONS

Soil Contamination

Based on the nature of the subgrade soils and the nature of the contaminants, it is recommended to remove the existing 2,000 gallon gasoline underground storage tank and treat the surrounding contaminated soil in place to a depth of 25 feet and with a volume of approximately 500 cubic yards, as shown on Figures 2-H, 5-H, and 6-H. A completed remedial action plan will be submitted to the LAFD following the tank and dispenser removal. Additional borings will then be placed to better define the plume.

If any soil piles, heavy equipment, traffic, and/or structural foundations are located within a horizontal distance equal to 0.5H from the face of the shoring, these loads shall be considered as surcharge loads and should be included in the lateral pressure acting against the shoring system. Cantilevered shoring shall not be used to support structures that cannot tolerate lateral or vertical movements greater than ½-inch. Light traffic loads may be assumed to be equivalent to a uniform 2-foot soil surcharge placed along the top of the shoring. Surcharge loads due to existing foundations and/or heavy construction equipment located within the active wedge of the shoring system may be calculated upon request.

Temporary construction slopes shall not exceed 1½:1 (horizontal:vertical).

Backfill

The excavated contaminated soil shall not be considered suitable as tank backfill. If pea gravel or crushed rock is used as backfill around the proposed tank, the sides of the excavation shall be lined with a non-woven filter fabric (AMOCO 4545 or equivalent) before the backfill is placed. This will prevent the fine-grained soils along the excavation sides from migrating into the backfill due to any infiltrating water and thus removing support along the excavation sidewalls. The filter fabric should not extend below the concrete slab poured at the excavation bottom, and the manufacturer's installation guidelines should be strictly followed.

To avoid the use of geofabric, use of well-graded, crushed aggregate base conforming to Section 200-2.2 of the Standard Specifications for Public Works Construction (1991 edition) shall be used instead of pea gravel as backfill.

Compaction

If imported or on-site sandy soil (uncontaminated) is used for backfill, it shall be mechanically compacted to at least 90% of the maximum dry density obtainable by the ASTM Method D1557 and tested by the Division of Standards for adequacy. Prior approval from the tank manufacturer and LAFD is required before soil is used as backfill.

Pea gravel or crushed rock is easily compacted and does not require testing. However, concrete vibrators shall be used to density pea gravel or crushed rock. If well-graded, crushed aggregate is used below the pavement section as tank backfill, at least the top two feet of the crushed aggregate shall be compacted to a minimum 90% of the maximum obtainable dry density as determined per ASTM Standard Method D1557. The remaining depth of the crushed aggregate base shall be densified by adding adequate water and using concrete vibrators.

If crushed aggregate is used as tank backfill in an unpaved area, the entire depth of the aggregate base shall be densified (in lifts not more than 2 feet) by adding adequate amount of

Please contact Fred Burnett of Geotechnical Services at (213) 847-4041 if there are any questions regarding the content of this report.

Gary Thompson

Fred Burnett
Material Testing Engineering Associate I

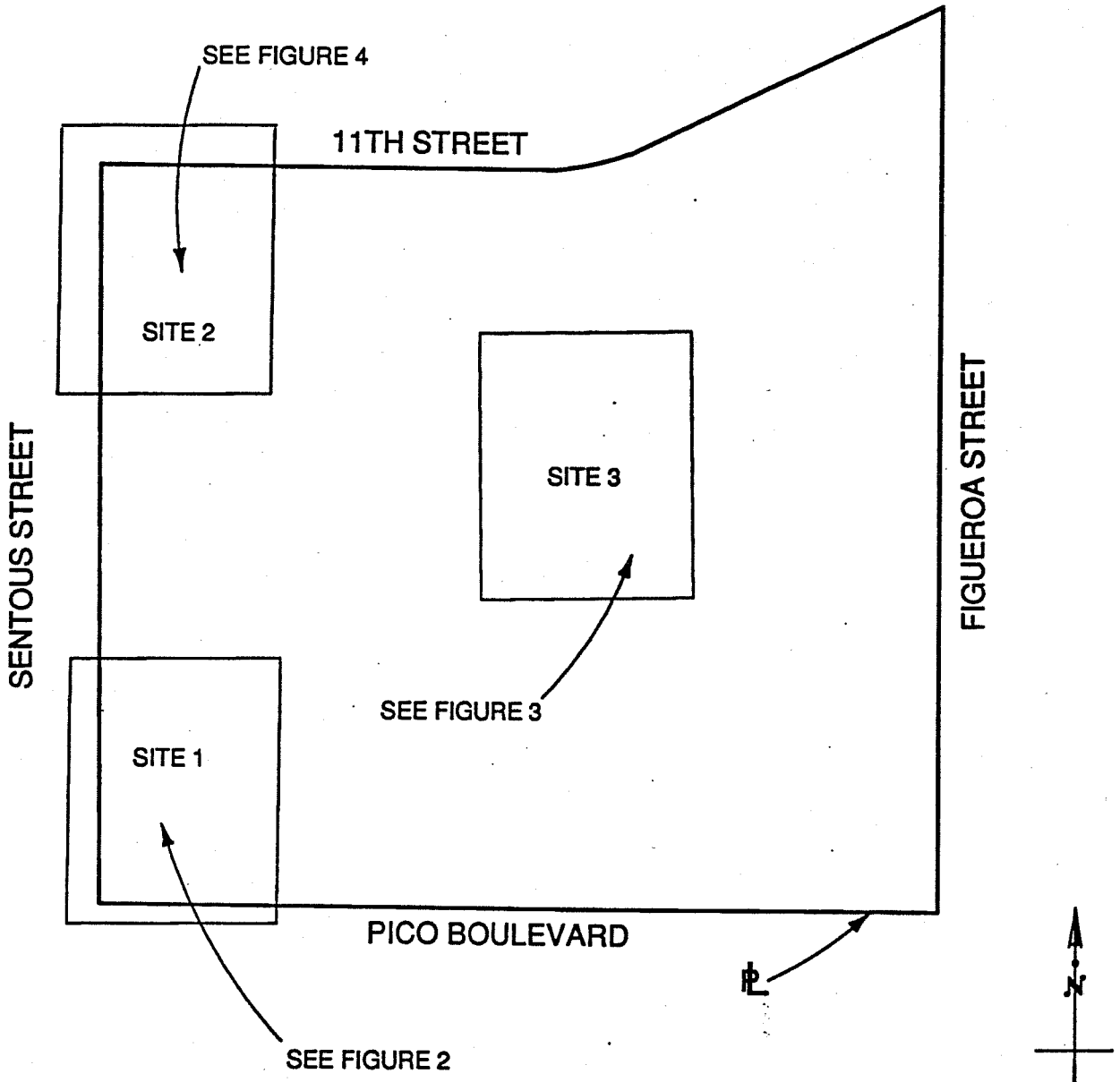
Michael Mulhern EG 1507, Reg. Exp. 6/30/94
Engineering Geologist II

REGISTERED GEOLOGIST
MICHAEL E. MULHERN
No. 1507
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
MUTHU KUMAR
No. 2206
EXP. 3/31/96
GEOTECHNICAL
STATE OF CALIFORNIA

T.M. Kumar GE2206
Geotechnical Engineer I

GT:gg disk b



INDEX/LOCATION MAP

NOT TO SCALE

LOS ANGELES CONVENTION CENTER

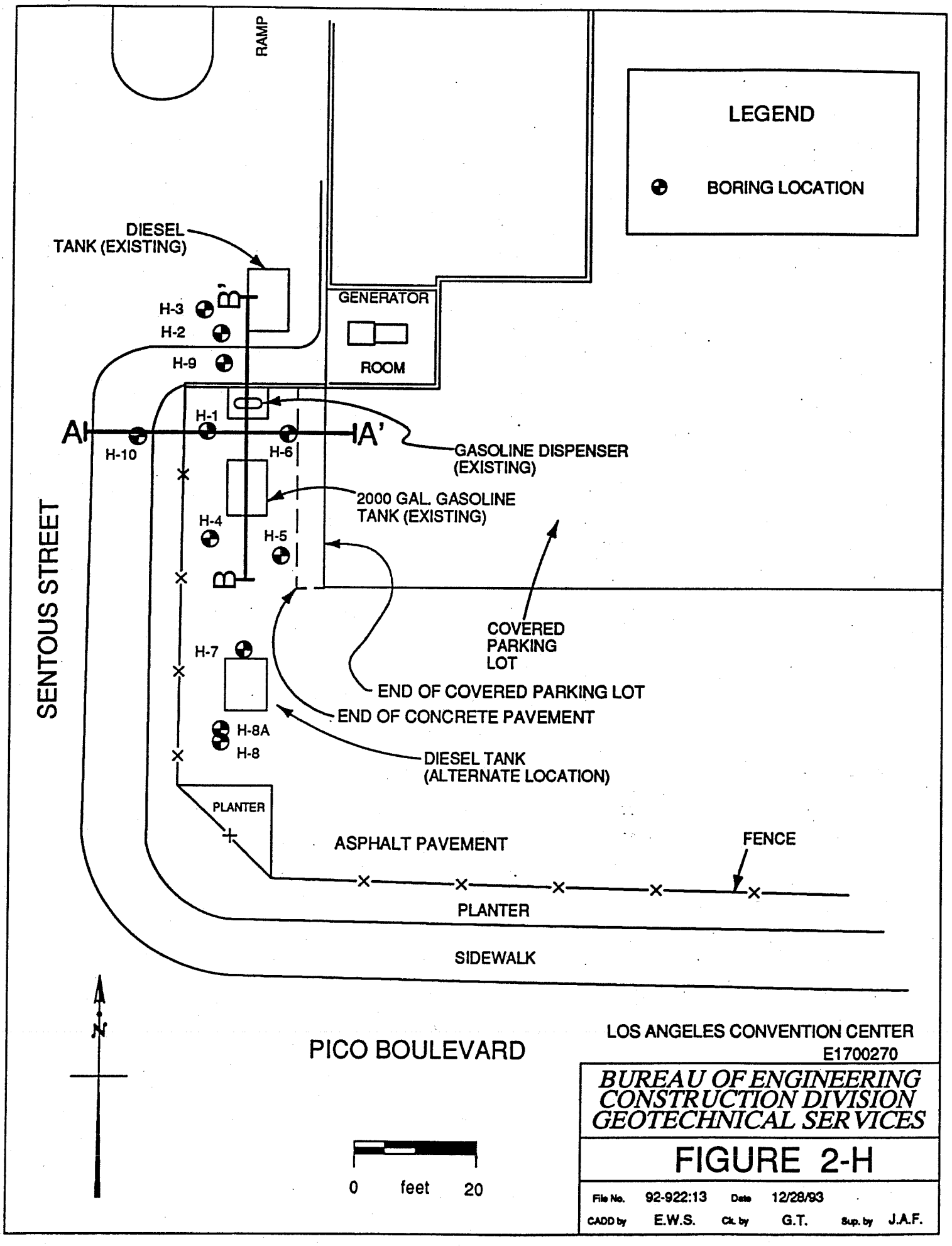
E1700270

BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 1-H

File No. 92-922:13 Date 12/29/93

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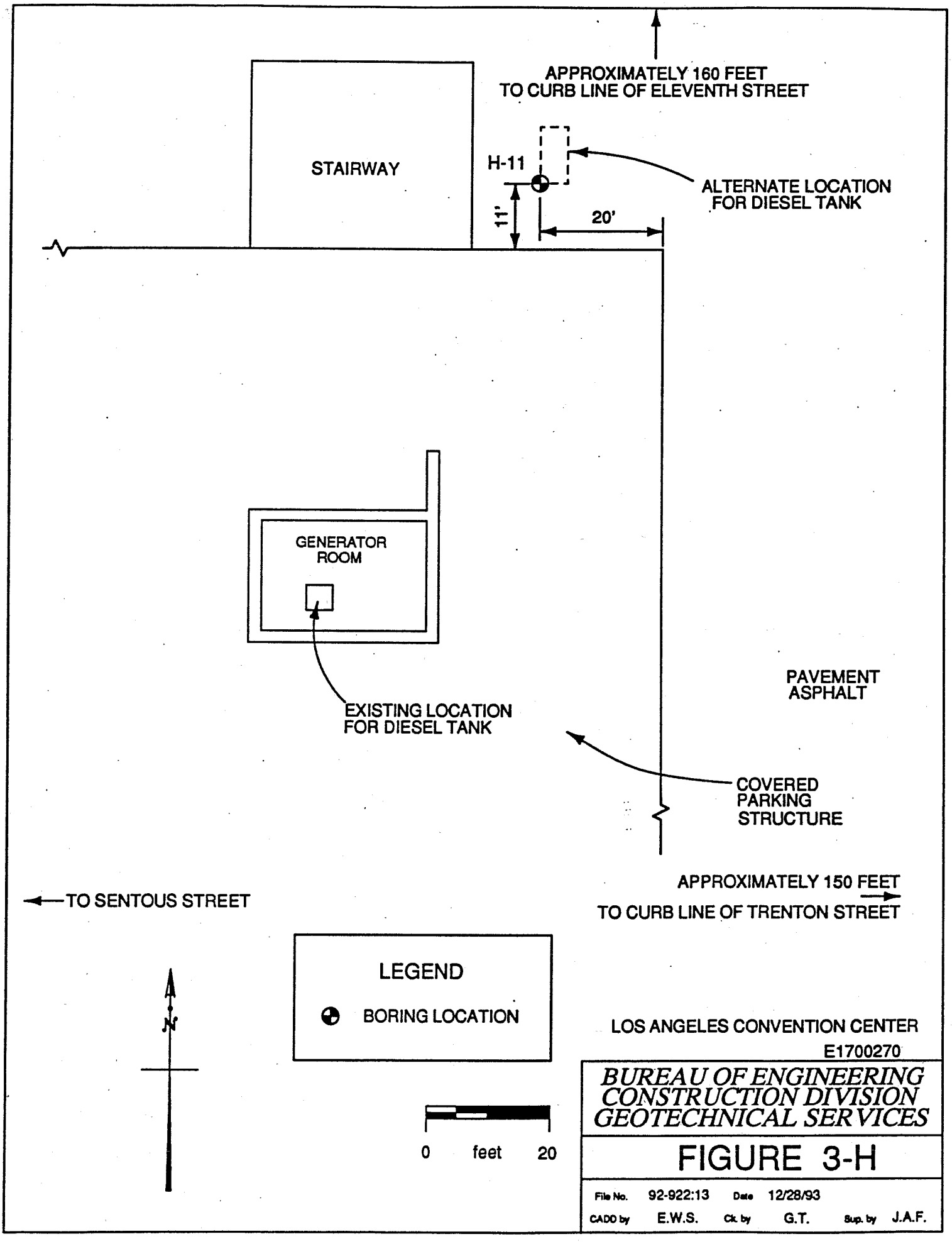


LOS ANGELES CONVENTION CENTER
E1700270

BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 2-H

File No. 92-922:13 Date 12/28/93
CADD by E.W.S. Ck. by G.T. Sup. by J.A.F.



LOS ANGELES CONVENTION CENTER

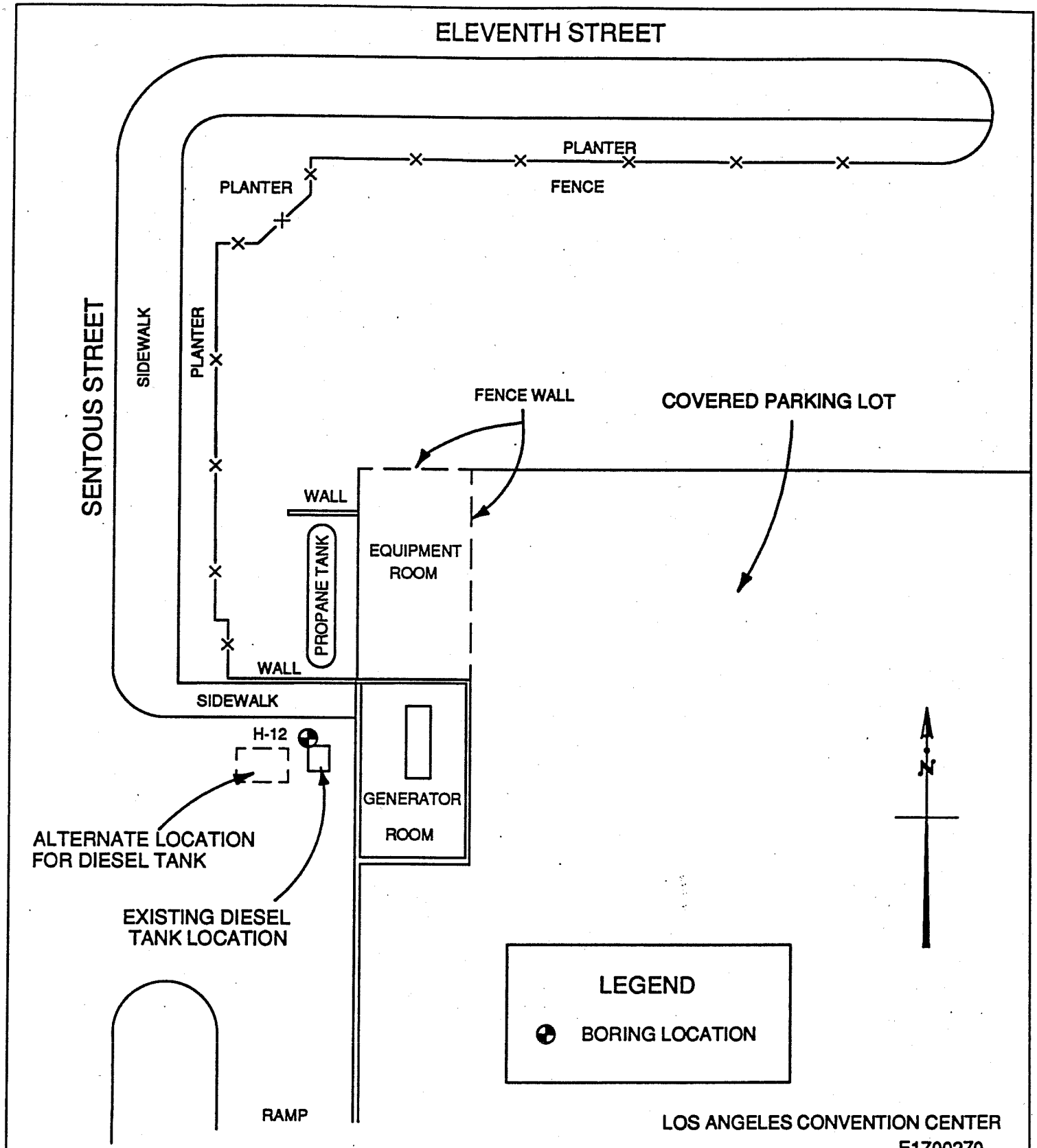
E1700270

BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 3-H

File No. 92-922:13 Date 12/28/93

CADD by E.W.S. Ck. by G.T. Sup. by J.A.F.



LOS ANGELES CONVENTION CENTER

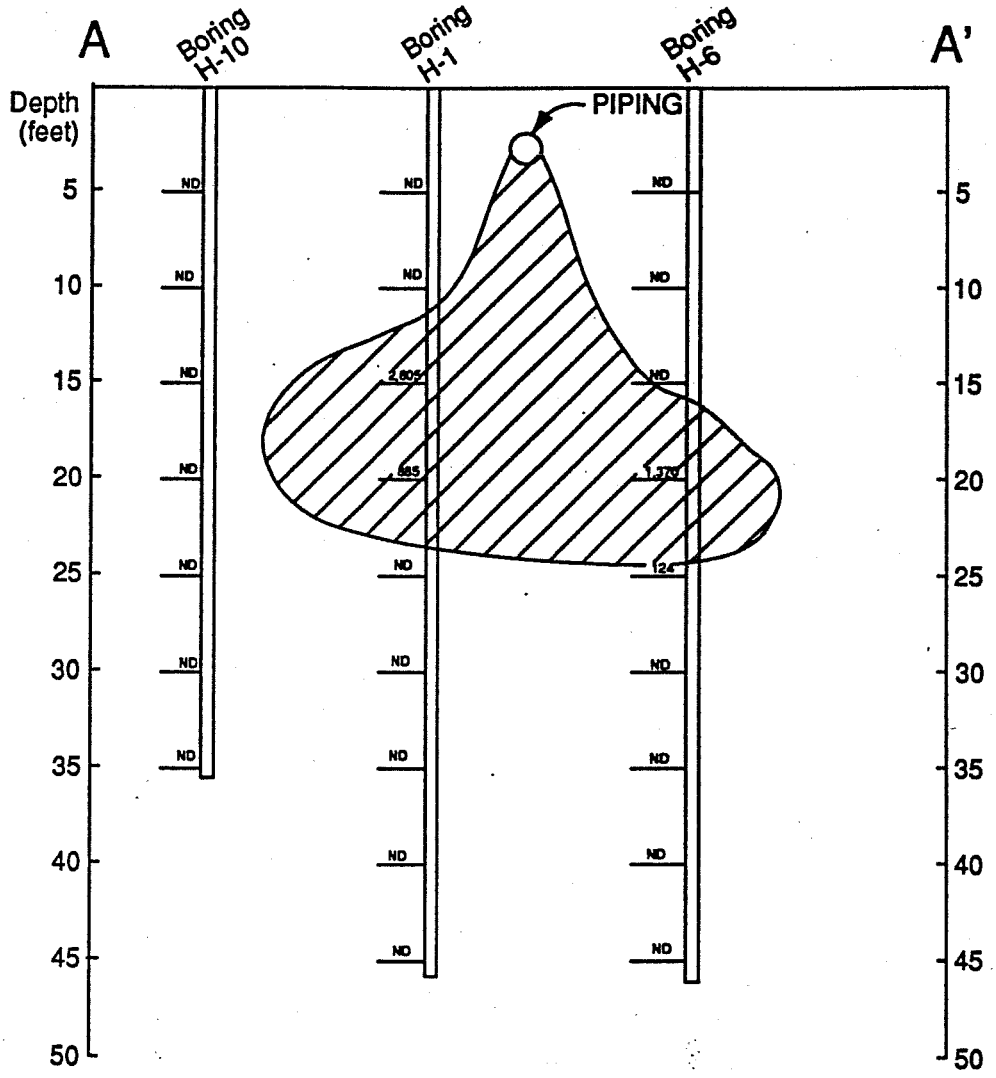
E1700270

BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 4-H

File No. 92-922:13 Date 12/17/93

CADD by E.W.S. Ck. by G.T. Sup. by J.A.F.



CROSS SECTION A - A'

LEGEND

Levels of contamination exceed 100 ppm gasoline

ND This analyte was not detected

1,370 Level of gasoline contamination in parts per million

0 feet 10

Horizontal and vertical scale

LOS ANGELES CONVENTION CENTER

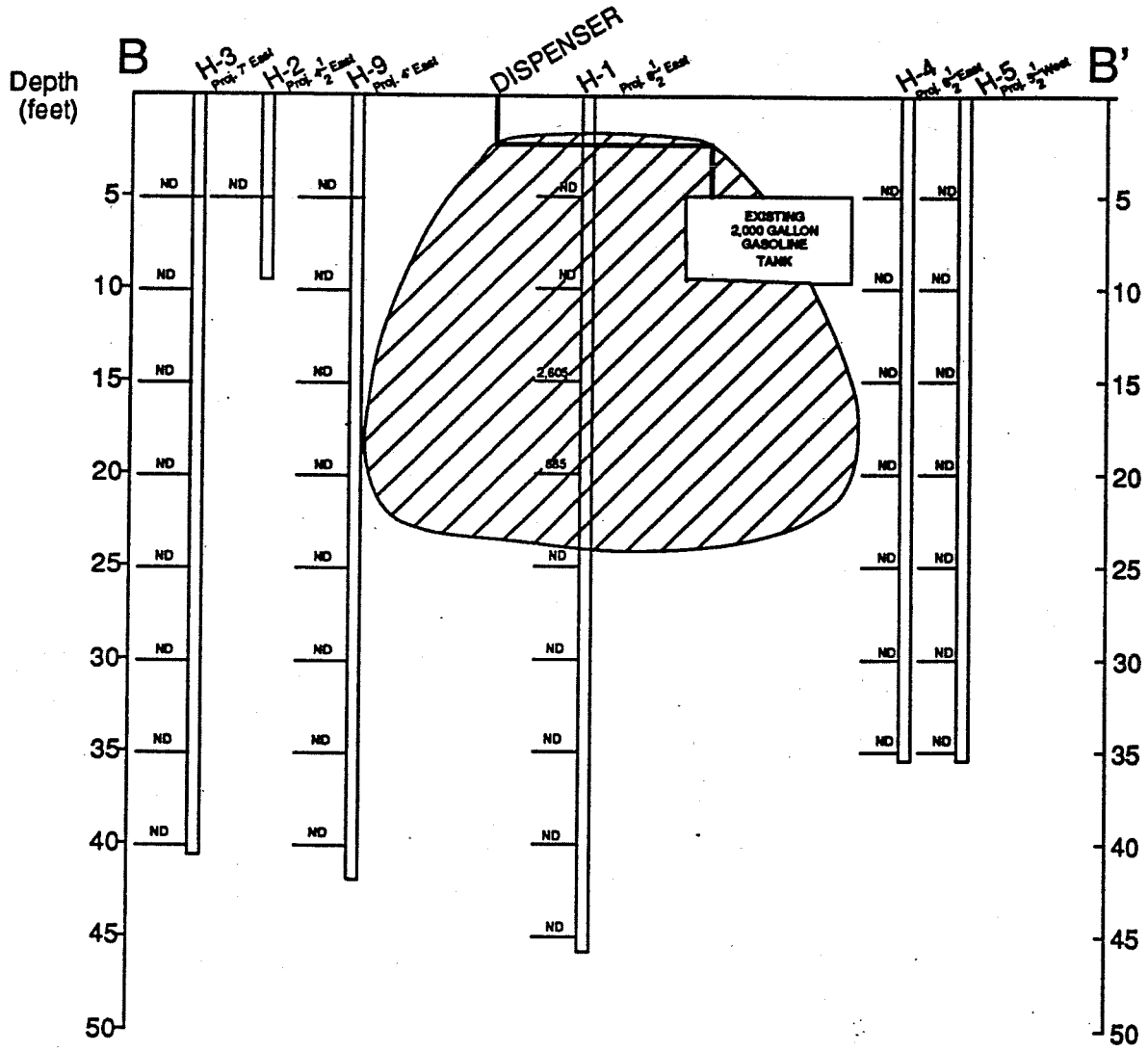
E1700270

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CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 5-H

File No. 92-922:13 Date 12/29/93

CADD by E.W.S. Ck. by G.T. Sup. by J.A.F.



CROSS SECTION B - B'

LEGEND

Levels of contamination exceed 100 ppm gasoline

ND This analyte was not detected

585 Level of gasoline contamination in parts per million

0 feet 10

Horizontal and vertical scale

LOS ANGELES CONVENTION CENTER

E1700270

BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 6-H

File No. 92-922:13 Date 12/29/93

CADD by E.W.S. Ck. by G.T. Sup. by J.A.F.

INSTALL info. sheet — UGTE UNIT — DISK2 F/mdiihm:10-30-92

ROUTING INSPECTORS - Insert ONE copy in each of the following:
1. Div 5 package (original) 2. Inspection blue book 3. Data entry 4. Haz Mat Box

F.S. NO. 10 FACILITY NO. _____

GENERAL INFORMATION

Site address 1201 S FIGUEROA — Inspection District No 423 — Division 5 permit no. 6343

Inspector name STIVASON — Inspector No 423 — Date of first inspection 12-19-97 — Date of final inspection 4-1-98

Contractor ENVIRONMENTAL RESTORATION — Resp Person MIKE — Phone no (714) 228-0526

TANK INFORMATION

Tank no.	Facility/Tank I.D. no.	Tank size (gallons) & Metal or FRP(circle)	Product	LAFD General Approval no.	U.L. number	Tank manufacturer	Tank model
1		2K M/F	DIESEL	32938	M4217	MOD WELD	DWF
2		1K M/F	DIESEL	32930	M4215	MOD WELD	DWF
3		1K M/F	DIESEL		5293	MOD WELD	DWF
4		M/F					
5		M/F					

REQUIRED TANK DELIVERY LETTER - on original company letter head. Shall contain the following information: tank(s) passed the holiday test
are proper tank(s) per plans
have 4" min. containment collar
have LAFD General Approval Tag affixed
have U.L. Tag affixed
d on min. 12" clean bed of backfill
oper backfill size
RECEIVED (circle) YES OR NO

1st INSPECTION: TANK PRESSURE TEST AT 5psi pass - fail = P - F

Tank no.	date	Primary	Annular	date	Primary	Annular
1	12/19/97	(P) - F	(P) - F	/ /	P - F	P - F
2	12/19/97	(P) - F	(P) - F	/ /	P - F	P - F
3	/ /	P - F	P - F	/ /	P - F	P - F
4	/ /	P - F	P - F	/ /	P - F	P - F
5	/ /	P - F	P - F	/ /	P - F	P - F

1st INSPECTION: PRIMARY PIPING pressure test at 75 psi

Tank no.	Product date	Product date	Vapor date	Vapor date	Vent date	Vent date
1	12/19/97 (P) - F	/ / P - F	12/19/97 (P) F	/ / P - F	12/19/97 (P) - F	/ / P - F
2	12/19/97 (P) F	/ / P - F	12/19/97 (P) F	/ / P - F	12/19/97 (P) - F	/ / P - F
3	/ / P - F	/ / P - F	/ / P - F	/ / P - F	/ / P - F	/ / P - F
4	/ / P - F	/ / P - F	/ / P - F	/ / P - F	/ / P - F	/ / P - F
5	/ / P - F	/ / P - F	/ / P - F	/ / P - F	/ / P - F	/ / P - F

nd INSPECTION: SECONDARY PIPING pressure test at 5 psi

Tank no.	Product VENT date	Product VENT date
1	12/22/97 (P) - F	12/22/97 P - F
2	12/22/97 (P) - F	12/22/97 P - F
3	/ / P - F	/ / P - F
4	/ / P - F	/ / P - F
5	/ / P - F	/ / P - F

Primary piping manuf.
model STEEL SCHD 40
Secondary piping manuf.
model A/O SMITH
Monitor sys. manuf.
VR350
Tank system ○ annular ○ tank level
model

3rd INSPECTION: 1ST MONITOR TEST

1st monitoring system test (all probes)

Tank date	Piping date
/ / P - F	/ / P - F
/ / P - F	/ / P - F
/ / P - F	/ / P - F

If monitoring system passes, then fuel may be put into the tank.

TH INSPECTION: 2ND MONITORING SYS. & TOTAL SHUTDOWN & LINE LEAK TEST

nd monitoring sys test (random probes) Tank date	Piping date	Total shutdown test Piping date	Line leak detestion test Piping date
1/9/98 (P) - F	/ / P - F	1/9/98 (P) - F	/ / P - F
1/9/98 (P) - F	/ / P - F	1/9/98 (P) - F	/ / P - F
/ / P - F	/ / P - F	/ / P - F	/ / P - F

All items on Installation Final Check List MUST be complied with, before system can operate. Concrete or pavement material must be finished before final OK.

Line leak detection manuf.
model RJ
Overspill box manuf.
model OPW
Overfill device manuf.
model OPW

OCUMENTS & ENTRIES: NECESSARY FOR A COMPLETE PACKAGE
○ Installation info sheet ○ Time log - Site specific sheet ○ Div. 5 permit, application, and plans | Package completion 1-22-98

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

August 13, 1998

TO: Mr. Fred Burnett
Department of General Services
Geotechnical Services

FROM: Fire Department

SUBJECT: LOS ANGELES CONVENTION CENTER
1201 SOUTH FIGUEROA STREET

The Fire Department has reviewed the Tank Closure Report dated January 14, 1998, as submitted by RCNA Corporation.

Based on the information provided to date, no further action is required at this time.

Please note that this correspondence does not exempt you of any liability under the California Health and Safety Code or Water Code for past, present or future operations this site. Nor does it exempt you of the responsibility to correct additional or previously unidentified conditions at the site which cause or thereafter to cause, pollution or nuisance, or otherwise pose a threat to water quality or public health.

If you require additional information from the Los Angeles City Fire Department, contact Inspector Gilbert T. Urrea, Jr., of the Environmental Unit, at (213) 485-7543.

Very truly yours,

WILLIAM R. BAMATTRE
Chief Engineer and General Manager

D. C. Wilcox

Dennis C. Wilcox, Captain II
Commander, Environmental Unit

DCW:GTU:kz:env2510

cc: Louis R. Reimer, RCNA Corporation
Mr. Michael Stimler, Environmental Restoration, Incorporated

RCNA
CORPORATION

TANK REMOVAL REPORT

FOR THE

LOS ANGELES CONVENTION CENTER
1201 S. FIGUEROA AVENUE
LOS ANGELES, CALIFORNIA

SCANNED
DEC 20 2004

PROJECT NO.

RCNA97212-TR
JANUARY 14, 1998

PREPARED FOR

ENVIRONMENTAL RESTORATIONS, INC.
6130 VALLEY VIEW STREET
BUENA PARK, CA 90620

"THE ENVIRONMENTAL ASSOCIATES"
109 N. MAPLE STREET, SUITE "A", CORONA, CA 91720-1798 • TEL (909) 734-3400 • FAX (909) 734-5648

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3.0	FIELD ACTIVITIES DISCUSSION	4 & 5
4.0	SAMPLING METHODOLOGY	6
5.0	CONCLUSIONS and RECOMMENDATIONS	7
6.0	REPORT PREPARATION	8
7.0	LIMITATIONS	9

APPENDICES

APPENDIX "A" ..... SITE DIAGRAM
APPENDIX "B" ..... TANK DESTRUCTION CERTIFICATION
APPENDIX "C" ..... RINSATE MANIFEST
APPENDIX "D" ..... LABORATORY TEST RESULTS

1.0 PROJECT BACKGROUND:

The subject site is located at 1201 S. Figueroa Avenue, Los Angeles, California. On December 4, 1997, the removal of two (2) Underground Storage Tanks (*UST's*) was accomplished by Environmental Restoration, Inc. (*Contractor)*. Soil sampling, and examining of the excavation was performed by **RCNA Corporation**. Analytical testing of the collected soil samples was provided by *Centrum Laboratories, Inc.*.

The removed *UST's* sizes and contents are shown in the following table:

TANK 1	CAPACITY	DESIGNATED FUEL	TANK MATERIAL
1	280 Gallon	Diesel	Single Steel Wall
2	2,000 Gallon	Diesel	Single Steel Wall

Please see Site Diagram in Appendix "A" for location.

2.0 GEOLOGY AND HYDROGEOLOGY:

The site is located in the Central Block of the Los Angeles Basin, about 2.75 miles west of the Los Angeles River, 1 mile south of the Elysian Hills, and about 4.5 miles to the northeast of the Baldwin Hills. This portion of the Central Block is designated as the Los Angeles Forebay region of the Central Groundwater Basin. The forebay region is the area where natural recharge to the underlying aquifers occur. The Los Angeles Basin has been receiving sediments since Mid-Miocene time, but the largest influx of sediments occurred in late Pliocene time through the Pleistocene to the Recent. Although the basin contains over 3,500 feet of Pleistocene sediment near the junction of the Rio Hondo and Los Angeles rivers, only about 250 feet of Pleistocene and Recent sediments underlie the Convention Center. These sediments contain the extreme distal ends of aquifers are that currently used to supply water to the City of Los Angeles and other Municipalities. Immediately beneath the Pleistocene sediments lie the Miocene marine sediments of the Pico Formation, which is not known to be a good aquifer.

The soil at the surface of the site has been mapped as Recent Alluvium. Presumably this material has been deposited from a former course of the Los Angeles River and/or as outwash from the Elysian Hills. For the most part, it is sandy and gravelly material that contains little clay and silt.

Immediately underlying the Recent Alluvium is the Lakewood Formation; containing two aquifers the Exposition and the Gardena. The Exposition member of the Lakewood is a continental deposit of lenticular, discontinuous, beds of sand and gravel, separated by silts and clays. The Exposition is perhaps as much as 80 feet thick and may not be separated by silts and clays from the overlying Recent Alluvium. Beneath the Exposition lie only a few feet of silt and clay before the Gardena Aquifer is encountered. The Gardena is a 20 foot thick, yellow, coarse grained sand and gravel deposit of mixed continental and marine origin.

The thickest formation in the basin is the Pleistocene San Pedro Formation which lies under the Lakewood. However in this area the San Pedro has thinned out against the Elysian Hills and only very thin sediments of the Hollydale and Jefferson Aquifers are believed to exist.

The total thickness of freshwater bearing sediments has been mapped as only about 250 feet in this area.

2.0 GEOLOGY AND HYDROGEOLOGY: *Continued*

Well information for this part of the Los Angeles Basin is scarce and those records that exist are old. The closest wells that Los Angeles County Department of Public Works, Hydraulic Division maintains records for are wells Nos. 2735A at the intersection of Figueroa and Pico (Convention Center) and well No. 2737A, at Washington and Los Angeles Street, about 1 mile to the southeast of the site. The depth to water from the ground surface in well 2735A as measured April 18, 1984 was 137.4' below ground surface (bgs), and in well 2737A it was 274' bgs as measured on April 27, 1976. Water can be expected to be deep on this site. Current information is not sufficient to calculate flow direction.

3.0 FIELD ACTIVITIES DISCUSSION:

Excavation, for the removal of the two Underground Storage Tanks (*UST's*), and associated piping was initiated on December 4, 1997. Oversight of the excavation and removal process was conducted by City of Los Angeles, Fire Department.

The *UST's* were rinsed, pumped, washed and cleaned of all diesel petroleum products, sludge and residue by Nieto and Sons Trucking, Inc. before removal. (Please see Appendix "C" for manifest). The removed *UST*'s were then transported to Adams Steel's yard, located at 3200 E. Frontera Street, Anaheim, California, for destruction. (Please see Appendix "B" for Certificate of Destruction).

Five soil samples, (TH1-8', TH2-10', SP1, SP2 and BG1/2'), were collected on December 4, 1997. An additional seven soil samples, (TH1-11', TH2-12', SP3, SP4, SP5, SP6, and SP7), were collected on December 9, 1997. In both events, the laboratory test results revealed low concentrations.

In the first sampling event on December 4, 1997, the laboratory test results of soil samples TH-1/8' and TH-2/10' collected from beneath the removed *UST's* revealed 160 *ppm* of *TPH-d* in each of the samples. No *BTEX* constituents were detected in these samples. The other two soil samples SP1 and SP2 collected from the stockpiled excavated soils, the laboratory test results revealed 210 and 130 *ppm* of *THP-d* and Non-Detect of *BTEX*.

The second sampling event on December 9, 1997, the laboratory test results of soil samples TH-1/11' and TH-2/12' collected from beneath the removed *UST's* revealed Non-Detect of both *TPH-d* and *BTEX*. The remaining soil samples SP3, SP4, SP5, SP6 and SP7 collected as additional samples from the stockpiled excavated soils, the laboratory test results revealed very low concentrations with highest as 82 *ppm* of *THP-d* and Non-Detect of *BTEX*.

Based upon the laboratory test results of the two soil samples collected from beneath the removed *UST's* during the second sampling event on December 9, 1997, the tank excavations appeared to be cleared of any contaminated soils and no further excavation was required.

3.0 FIELD ACTIVITIES DISCUSSION: *Continued*

TABLE #1: The following is the tabulated data of the laboratory test results:

SAMPLE I.D.	DATE SAMPLED	LEAD (mg/kg)	8015M TPH DIESEL (mg/kg)	EPA 8020 BTEX (ppb)				
				BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENE	MTBE
SAMPLES COLLECTED FROM UST TANK HOLE								
TH-1/8'	12/04/97	ND	**160**	ND	ND	ND	ND	NT
TH-1/11'	12/09/97	ND	ND	ND	ND	ND	ND	ND
TH-2/10'	12/04/97	ND	**160**	ND	ND	ND	ND	NT
TH-2/12'	12/09/97	ND	ND	ND	ND	ND	ND	ND
SAMPLES COLLECTED FROM STOCK PILES								
SP1	12/04/97	**46**	**210**	ND	ND	ND	ND	NT
SP2	12/04/97	ND	**130**	ND	ND	ND	ND	NT
SP-3	12/09/97	**9.9**	**39**	ND	ND	ND	ND	ND
SP-4	12/09/97	**42**	**62**	ND	ND	ND	ND	ND
SP-5	12/09/97	ND	**20**	ND	ND	ND	ND	ND
SP-6	12/09/97	ND	**58**	ND	ND	ND	ND	ND
SP-7	12/09/97	ND	**82**	ND	ND	ND	ND	ND
BG1/2'	12/04/97	**92**	NT	NT	NT	NT	NT	NT

SOIL SAMPLE NUMBERING LEGEND:

TH1/8"	=	Soil sample number and depth as collected from the tank hole.
SP1	=	Soil sample number as collected from stock pile.
ND	=	Not Detected
NT	=	Not Tested

4.0 SAMPLING METHODOLOGY:

Grab samples were obtained by the use of a backhoe. The upper three to six inches of the soil in the backhoe bucket were removed, then a glass jar was immediately inserted into the exposed material in the backhoe bucket and the soil was compacted firmly in the glass jar to avoid any air gap. The glass jar was then tightly capped with a Teflon lined lid. Each glass jar was marked with a label indicating its contents, date and time of sampling and the type of analysis required. For the safety of the glass containers, each container was placed in a sealable plastic bag. All containers were placed in an ice cooler to control the temperature during transportation to the State certified laboratory for analysis along with the proper Chain-of-Custody.

5.0 CONCLUSIONS and RECOMMENDATIONS:

Field observations and analysis of soils from the tank hole excavations indicate that the soil at this location to be uncontaminated, and the site is **recommended for immediate closure with no further action required**.

6.0 REPORT PREPARATION:

This Tank Removal Report, has been prepared exclusively for the Los Angeles Convention Center, located at 1201 S. Figueroa Avenue, Los Angeles, California. This report **SHALL NOT** be used for other projects.

7.0 LIMITATIONS:

Subsurface conditions can widely vary. The conditions described herein are reflective of only the excavated soils encountered during the excavation operation by the *Contractor*. The nature of shallow soils, uncontaminated/ contaminated zones, depths to groundwater and lithologic units change over relatively short distances, both horizontally and vertically. In all cases, this data should be interpreted as an indicator of subsurface conditions and not as a definitive assessment of contamination.

This report does not purport to be representative of future site conditions or events. Situations or activities which transpire subsequent to this report which result in adverse environmental impacts are not to be construed as relevant to this study. This work has been performed and this report prepared in accordance with generally accepted environmental science and engineering practice. Conclusions are based solely on the information identified in this report. No warranty, expressed or implied, of any kind is made or intended in connection with this report, or by the fact that you are being furnished with this report, or by any other oral or written statements.

This opportunity to be of service is appreciated. Should you have any questions regarding this report, please contact this office.

Respectfully,

RCNA CORPORATION

REGISTERED ENVIRONMENTAL ASSESSOR
ALEX IRSHAID
REA - 05590
Expires: 6-30-98
STATE OF CALIFORNIA

Alex A. Irshaid, R.E.A.
Registered Environmental Assessor
State of California # 05590

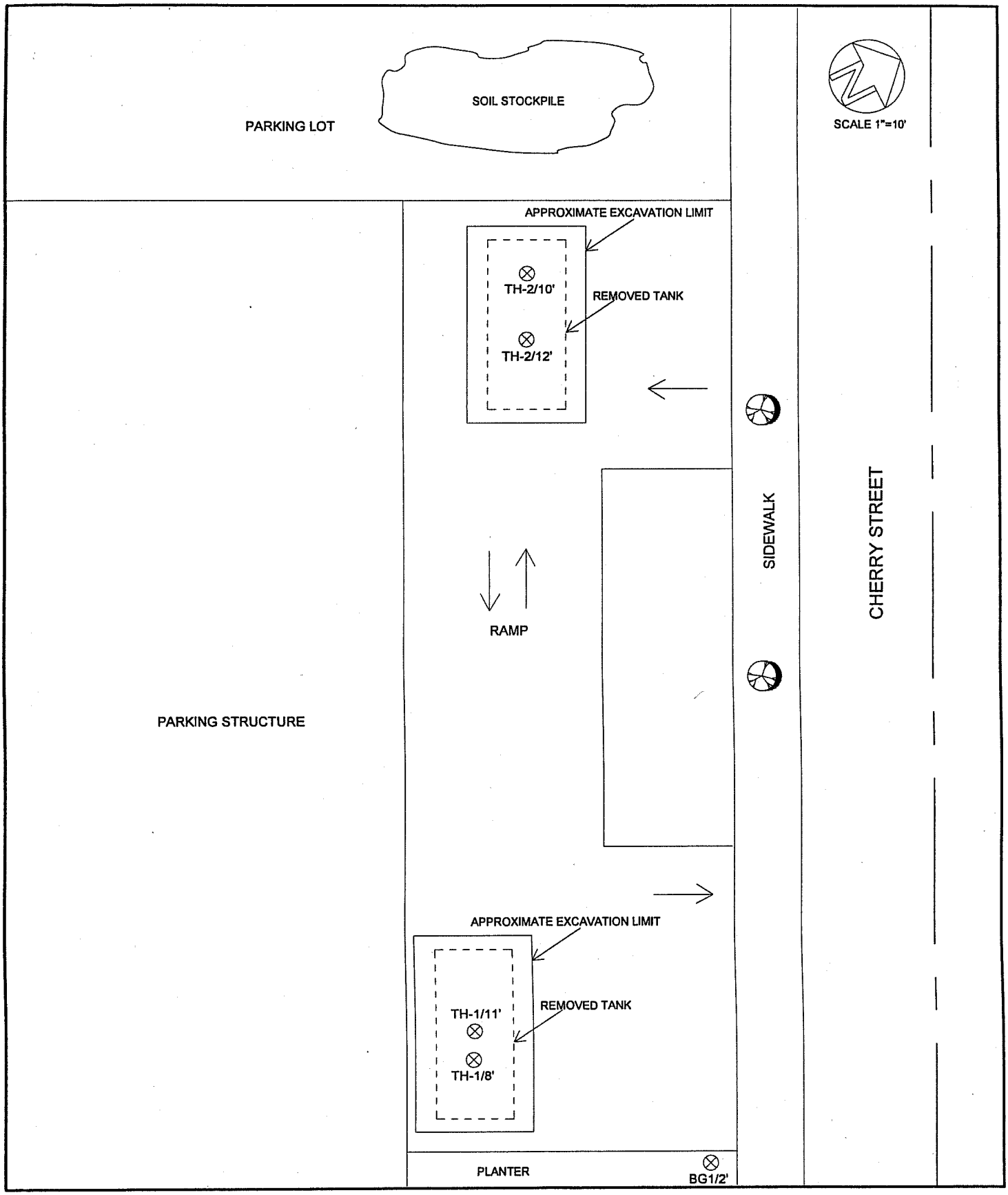
Louis R. Reimer, R.G.
Registered Geologist
State of California # 04336

REGISTERED GEOLOGIST
LOUIS R. REIMER
No. 4336
STATE OF CALIFORNIA

AAI/mls

APPENDIX "A"

SITE DIAGRAM



Prepared By:
RCNA Corporation
109 N. Maple Street, Suite "A"
Corona, CA 91720
Tel. (909) 734-3400 Fax (909) 734-5648

Prepared For:
ERI
6130 Valley View Street
Buena Park, CA 90690
Tel. (714) 228-0526 Fax (714) 228-9231

Drawn By: Pat Sandoval

Date: January 19, 1998

Drawing No.: One of One

SITE PLAN

LOS ANGELES CONVENTION CENTER
1201 FIGUEROA STREET
LOS ANGELES, CA

ABANDONMENT Info. Sheet

disk 2 ugt 10-30-92

STATUS OF TANKS ON SITE

A. Have all tanks been abandoned on this site? YES or (NO) - How many tanks left? [?] Convention Center/Stapl

B. Are any tanks going to be installed on this site in the future? YES - How many? [?] or NO

ROUTING INSPECTORS - Insert ONE copy in each of the following:
1. Div 5 package (original) 2. Inspection blue book 3. Data entry 4. Haz Mat Box F.S. 10 Fac. No. FA0014256

Site address 1301 S. Figueroa St.		Inspection District No. 409	Division 5 permit No. 24633
Inspector name John Vigil		Inspector No. 415	Date of abandonment 8-14-08
Contractor Prime of Calif.	Resp Person Mike McCarthy		Phone no. 562 630 5871

TANK INFORMATION

Facility/Tank I.D. no	Tank size Metal or FRP(circle)	Product	Soils test	No. of samples	Soil color of tank bed, pile, trench, or pit	Tank condition: Holes	Final LEL
1 Orange	280 gal (M)/F	Diesel	Ø	Ø	N/A	N/A	0%
2 Blue	280 (M)/F	Diesel	Ø	Ø	N/A	N/A	0%
3	M/F						
4	M/F						
5	M/F						
6	M/F						
Soils pile						Destination of tanks: N/A	
Piping trench							
Dispenser pit							
Describe excavation: Odor Ø —		Liquid in hole N/A		Other			

DOCUMENTS: NECESSARY FOR A COMPLETE PACKAGE

ABANDONMENT METHOD (CHECK)	WASH	HAZARD WASTE	FILL IN PLACE	Documents 30 days
Abandonment info sheet				9-14-08 Due date
Time log - Site specific sheet				
Division 5 permit, application, and plot plans				
Cleaning certificates				Collect on-site
Uniform manifest: rinse liquid or tank	rinse	tank	rinse	Collect on-site
Uniform manifest - Piping that is not flushed				Collect on-site
Certificate of disposal - Tank				
Certificate of disposal - Piping				
Soil Analysis Report				
Chain of custody				
Plot plan - showing locations of samples				
Division 4 fire permit registration - for tanks discovered on site, that have not been previously paid for.				

SOILS REPORT INFORMATION mg/kg - per million ug/kg - per billion

	Action level	Enter highest reading in mg/kg	Exceeds Action level
TPH	100 PPM (mg/kg)	PPM	YES NO
Benzene	1 PPM (mg/kg)	PPM	YES NO
Toluene	50 PPM (mg/kg)	PPM	YES NO
Xylene	50 PPM (mg/kg)	PPM	YES NO
Ethyuene	50 PPM (mg/kg)	PPM	YES NO
Total lead	0-200 PPM above bkgrd	PPM	YES NO
Water samples	anything detected	mg/kg ug/kg	YES NO

Misc. comments

Package completion & forwarding date:

O Check here for comments on back

Los Angeles City Fire Department
Application for Division 5 Permit - Atmospheric Underground Tank

Fire Dept. Use Only

Data Management Unit:	LAFD Unified Program Fac ID	Permit No.	Date Granted:	Work Must Begin By	Expiration date:
☐ Tanks are registered & Fees paid to date ☐ Fee exempt Signature	FA0014256	SR0024633	02/05/2008	08/05/2008	02/04/2009
	Enforcement Inspector		**Fire Station**	**Permit type:**	
	GLENN MARTINEZ	(213) 978-3705	010	UST TANK ABANDON IN PLACE	

LOCATION INFORMATION

Doing Business As (DBA): CITY OF LA - LOS ANGELES CONVE	**EPA ID No.** (not required for installation or monitoring)
Address: 1301 S FIGUEROA ST	**Phone No.:** (213) 741-1151
City: LOS ANGELES **State:** CA	**Zip:** 90015-

PROPERTY OWNER

Name: CITY OF LA - GEN SERVICES DIV.	**Phone No.:**(213) 978-3781
Address: 111 E 1ST ST 601	
City: LOS ANGELES **State:** CA	**Zip:** 90012
Print Name: Wes Collier **Signature:** for Wes Collier.	

LESSEE/FACILITY OWNER

Name: CITY OF LA	**Phone No.:**
Address: 5201 ZOO DR	
City: LOS ANGELES **State:** CA	**Zip:** 90027
Print Name: **Signature:**	

CONTRACTOR INFORMATION

Company Name: PRIME OF CALIFORNIA INC.		**Phone No.:** (562) 630-5871
Address: 14910 GWEN CHRIS CT		
City: PARAMOUNT	**State:** CA	**Zip:** 90723

City Business Number:	State Contractors #: Type	Exp. Date	Work Comp Number - Expir. Date:	
795386-0001-1	598213	07/31/2008	1886224-2008	01/01/2009

Print Name: Mike McCarthy **Signature:** **Title:** Owner Operator

ITEM	PE	QTY
( ) UST Installation	5100	
( ) UST Abandonment by Removal	5201	
(X) UST Abandonment-In-Place	5200	2
( ) UST Tank Entry / Lining / Repair	5301	
( ) UST Add to/Alter: Monitor/Piping/Disp.	5300	
( ) Site Assessment	5400	
( ) Emergency Plan Check/Site Assessment	5401	

NOTES:

INVOICE# - IN0136891
Abandon in place 2- 280 gallon diesel tanks. Soil samples to be taken at the direction of the onsite LAFD Fire Inspector. Soil Report shall be submitted to the LAFD within 30 days of taking samples.

APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY

Inspector Name: PRENTICE REITZELL **Inspector Signature:**

City of Los Angeles **INVOICE**

Los Angeles Fire Department Unified Program

Invoice Date: 01/23/2008
Permit No/RFI.: SR0024633
Invoice No.: IN0136891

Applicant/Owner Information:

Owner Name: CITY OF LA
Owner Address: 5201 W ZOO DR
LOS ANGELES, CA 90027
Owner Phone No: (323) 644-6400
Contractor: (Company Name/Self) PRIME OF CALIFORNIA INC.

Plan Check Inspector: PRENTICE REITZELL
Enforcement Inspector: GLENN MARTINEZ

Site Information:

LAFD Facility ID No.: FA0014256
Business Name (DBA): CITY OF LA - LOS ANGELES CONVENTION
Site Address: 1301 S FIGUEROA ST

Line No	Permit Type		Fee
1	UST TANK ABANDON IN PLACE	$	948.00
		PAYMENTS: $	0.00
		TOTAL AMOUNT DUE: $	0.00

For Division 5 Permits:
Plan Check and Inspection services are calculated on a fee for service basis. Each type of transaction has been assigned a charge based on the estimated time required for the service.
If Plan Check/Inspection services exceeded the assigned hours, additional charges will accrue in six minute increments. These additional charges will be billed to the Responsible Party.

For Payments:
DATA MANAGEMENT UNIT
17th FLOOR, ROOM 1780

Last Transaction:
Check No. EXEMPT

AMOUNT PAID $ 948.00

SIGNATURE:

BOARD OF FIRE COMMISSIONERS

GENETHIA HUDLEY-HAYES
PRESIDENT

CASIMIRO U. TOLENTINO
VICE PRESIDENT

ANDREW FRIEDMAN
JILL FURILLO
VACANT

BLANCA GOMEZ-REVELLES
EXECUTIVE ASSISTANT II

CITY OF LOS ANGELES

CALIFORNIA

ANTONIO R. VILLARAIGOSA
MAYOR

FIRE DEPARTMENT

DOUGLAS L. BARRY
FIRE CHIEF

200 NORTH MAIN STREET
LOS ANGELES, CA 90012

(213) 978-3800
fax: (213) 978-3815

www.lafd.org

Important Policy Notice - Soils Report Requirement

January 3, 2007

Dear Facility Owner/Responsible Party/Consultant:

You were issued a Division 5 Permit for future work regarding underground storage tanks (USTs) at your site. **This permit *may require* soil sampling and submission of a soils report.** Your field inspector will determine if soil samples and a soil report are required and will explain the requirements to you. **It is the policy of the Los Angeles Fire Department that all soil reports must be submitted within 30 calendar days of the date soil samples are taken.**

When a soil report is required, please mail the report to:

Los Angeles Fire Department
Underground Storage Tank- Enforcement Unit
200 North Main Street, Suite No. 1700
Los Angeles, CA 90012

If the soils report is not received within 30 days of the date soil samples are taken, you will be in violation of State regulations and Department policy. The City Attorney or District Attorney (for City agencies) will review violations for potential civil or criminal prosecution. State of California codes specify that liability may be enforced "for civil penalties of not less than $500 or more than $5,000 for each UST for each day of violation" [Health and Safety Code Sec. 25299(a), 3 & 6 and Section 25299(b), 4, & 5].

Please schedule a Fire Inspector to witness the soils sampling related to the permit for underground storage tank actions at your facility. If you have any questions regarding this matter, feel free to contact the Underground Storage Tanks/Enforcement Unit at (213) 978-3710. You can also access Internet information by logging onto: www.lafd.org/prevention/underground/tank_abandonment.html.

Thank you for your cooperation and timely submission of your required soils report.

Very truly yours,

Jimmy H. Hill
Fire Marshal

Revised March 11, 2008

Omer Bilgé & Associates
2523 Canyon Oak Drive Los Angeles, California 90068

Consulting Structural Engineers
Ph. & Fax 323-462-5498

Nov.. 5, 2007

COPY

Los Angeles City Fire Department
Underground Storage Tank Division
201 S Figueroa Street – 15th Floor
Los Angeles, CA 90012-2543

Re: Fuel tank at 1201 S. Figueroa St.

Gentlemen:

Today, accompanied by Tim Buro of TDE, Kevin Rodriguez of Convention Center and Mike McCarthy of Prime of California, Inc., I made a visual examination of diesel fuel tank location under the slab where "Orange Fire Pump #2" is located. This 280 gallon capacity tank is not in use and it is desired that the tank be decommissioned.

I believe the easiest and safest way to decommission the tank is as follows:

1. Clean the tank of all fuel residue as required by the Los Angeles Fire Department
2. Fill the tank with slurry (low strength concrete) using a tremie to assure that there are no large air pockets left

Removal of the tank is not advised because of the possibility of undermining the nearby walls and footings.

If you have any questions, please feel free to contact me.

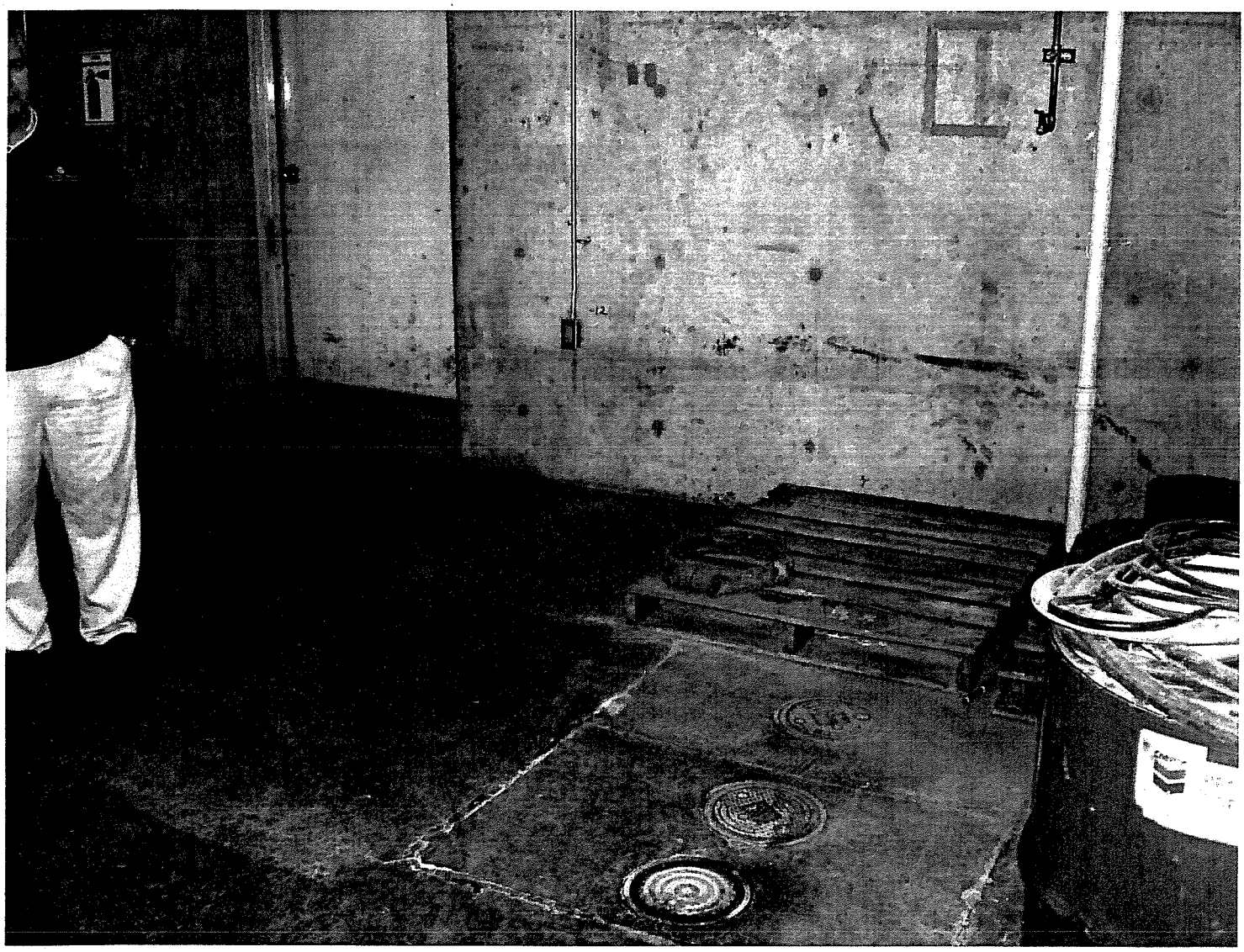
Very truly yours,

REGISTERED PROFESSIONAL ENGINEER OMER BILGE 1459 STRUCTURAL STATE OF CALIFORNIA

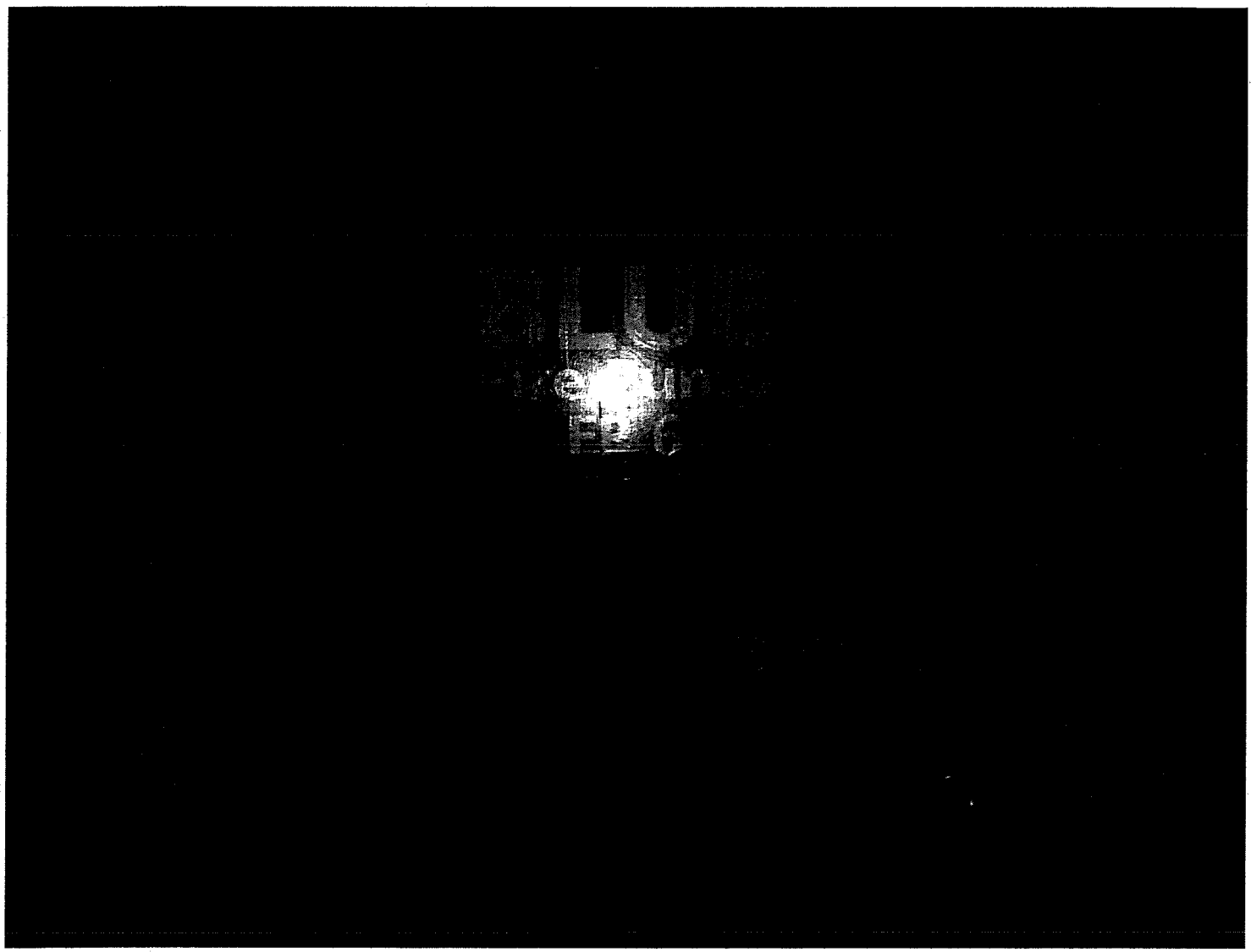
Omer Bilgé

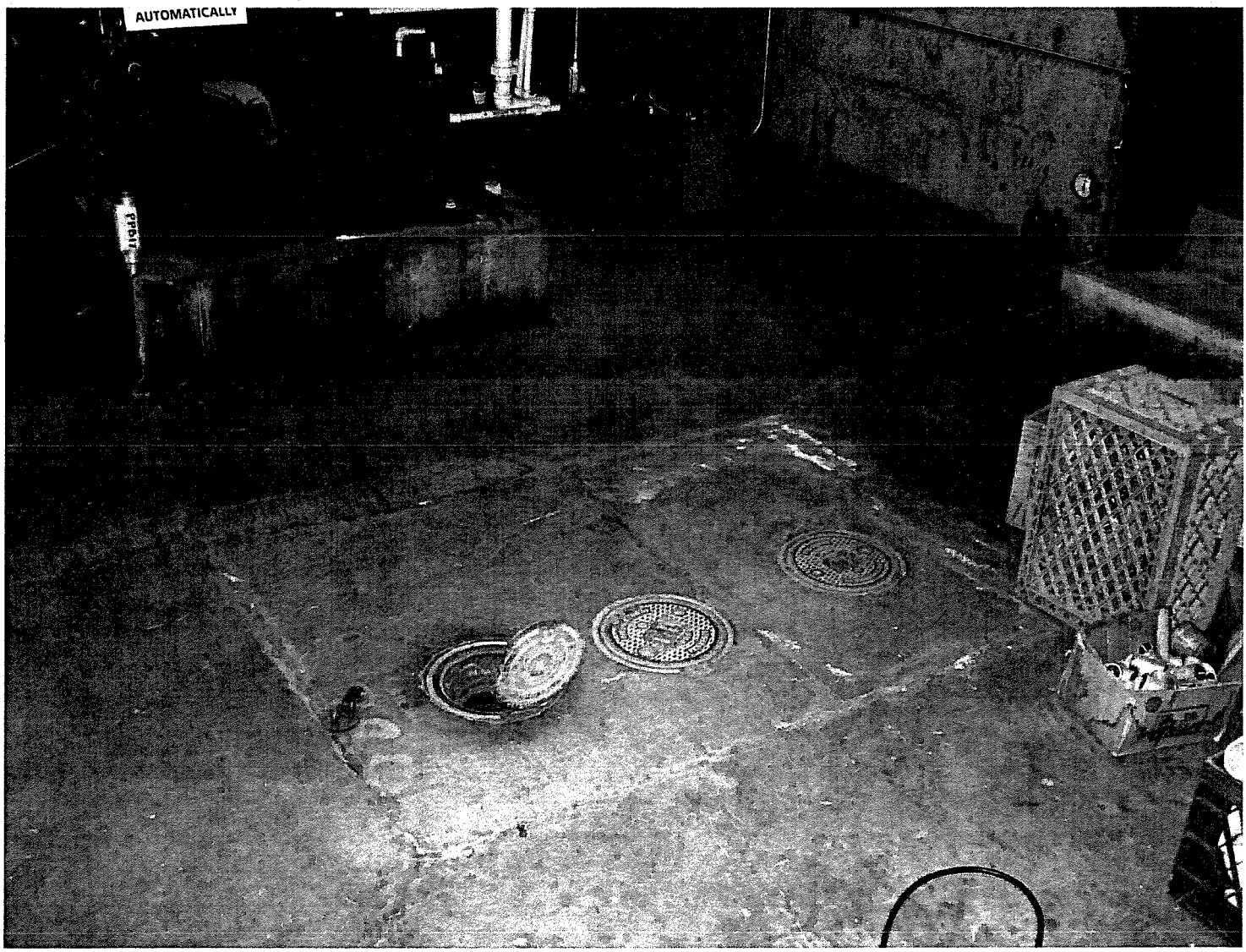


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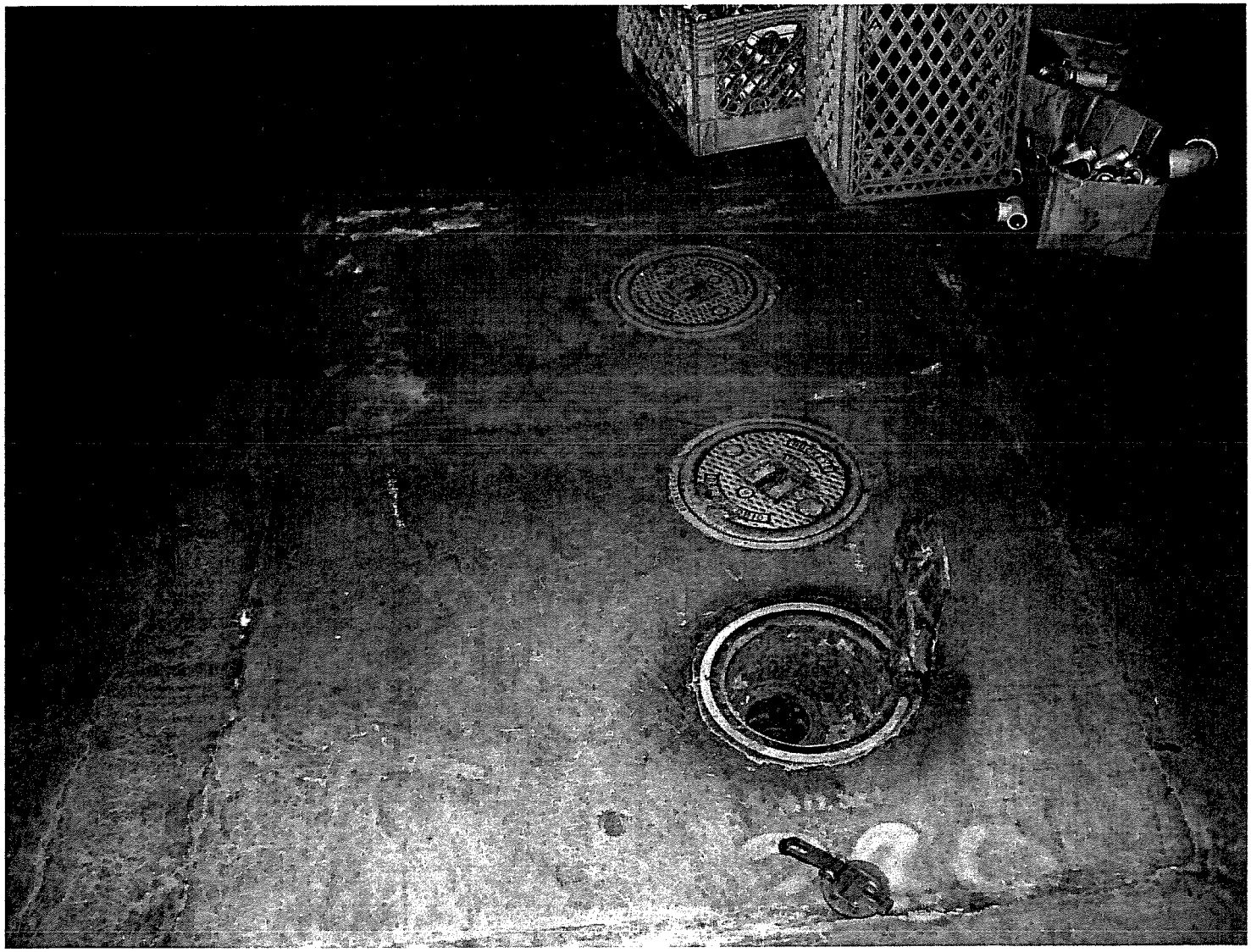


BLUE





ORANGE



ORANGE



ORANGE

CAT: Clean Air Testing

PO Box 2165, Glendora, CA 91740
Office: (626) 857-0218 St Lic. 474291

4/24/08

TDE
9513 Business Center Drive Suite E
Rancho Cucamonga, CA 91730
Kevin Rodriquez Cell: 213 272-8702

REF: Los Angeles Convention Center
Pico/Figueroa
Los Angeles, CA

Tanks Tested: 2-280 gallon underground Tanks:

Tank #1 Location: Off Pico /Near Vegatable Preperation kitchen:
Tank tested with 21 inches of diesel in tank. No pressure drop when tested at 3 PSI for one hour.
Tank tested through the vent line.

Tank #2 Location Street level parking lot between Cherry and Figueroa.
Tank was tested at 3 PSI for one hour and showed no pressure drop. Tank was tested with 38 Inches of product in it. Four inches of the 38 inches was water.

Thanks,

Dave Lopez Sr.

CAT: Clean Air Testing

PO Box 2165, Glendora, CA 91740
Office: (626) 857-0218 St Lic. 474291

4/24/08

TDE
9513 Business Center Drive Suite E
Rancho Cucamonga, CA 91730
Kevin Rodriquez Cell: 213 272-8702

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Thanks,

Dave Lopez Sr.

SOUTHWESTERN CLEAN FUELS, CORP.

125 E. Wheeler Ave. Suite F
Arcadia, CA 91006

Voice: 626-447-7000
Fax: 626-447-7099

INVOICE

Invoice Number: 08-0526
Invoice Date: Jun 16, 2008
Page: 1
Duplicate

Bill To:
Prime of California 14910 Gwen Chris Court Paramount, CA 90723

Ship to:
LA Convention 1201 S. Figueroa Los Angeles, CA 90015

Customer ID	Customer PO	Payment Terms	
POC	Mc Carthy	Net 15 Days	
Sales Rep ID	**Shipping Method**	**Ship Date**	**Due Date**
			7/1/08

Quantity	Item	Description	Unit Price	Amount
4.00		Sample acquisitions and delivery	65.00	260.00
560.00		Disposal of 560 gallons of waste.	1.45	812.00
4.00		Vacuum truck	95.00	380.00
		Vacuum truck wash out		300.00
		Laboratory fees plus 15%		1,342.05

Subtotal	3,094.05
Sales Tax	
Total Invoice Amount	3,094.05
Payment/Credit Applied	
TOTAL	**3,094.05**

Check/Credit Memo No:

We will add a finance charge of 1.5% on invoices more than 30 days overdue.

SAYBOLT LP
21730 S. Wilmington Avenue
Suite 201
Carson, CA 90810
310-518-4400 Telephone
310-518-4455 Facsimile

Fast To The Point

Saybolt LP

Certificate of Analysis

CLEAN FUELS, INC.
GLEN FERNANDEZ
125 E. WHEELER AVENUE
ARCADIA, CA 91006

Report Date: 5/14/2008
Job No: 13091-00004928
Sample Number: 800775-03
Client Ref:

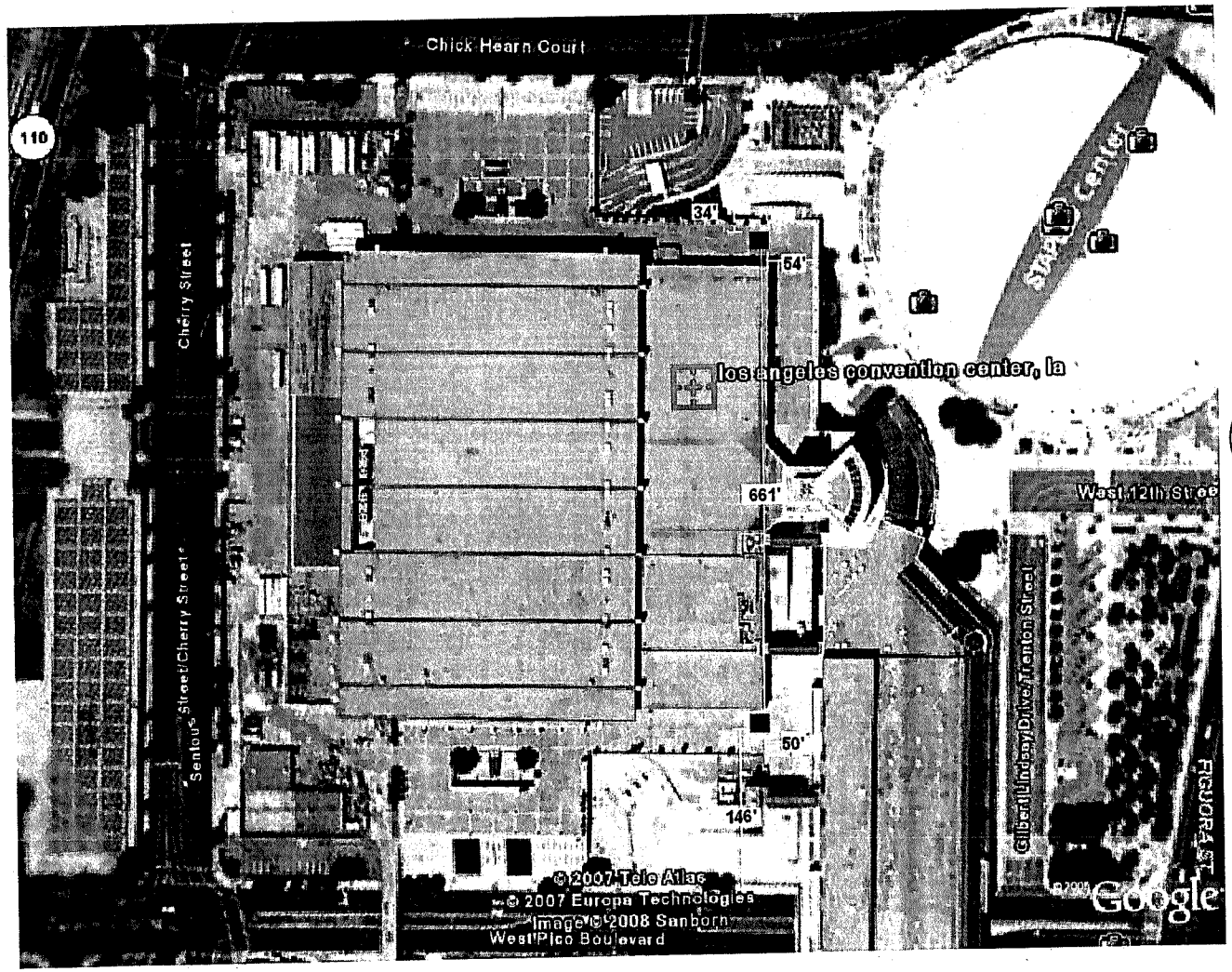
Date Sampled: 5/8/2008
Product: Diesel Fuel
Location: Arcadia, CA.
Sample ID: Composite / # 1 & 2 Orange/Blue
Vessel:

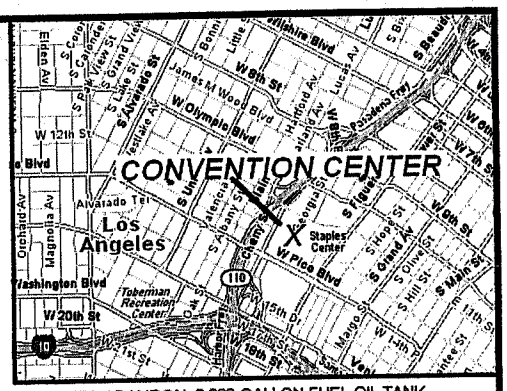
Test	Method	Result	Units
Cetane Number	ASTM D-613	47.0	
Distillation			
IBP	ASTM D-86	378.8	deg.F
5% Rec		422.6	deg.F
10% Rec		448.9	deg.F
20% Rec		476.2	deg.F
30% Rec		497.1	deg.F
40% Rec		517.0	deg.F
50% Rec		535.0	deg.F
60% Rec		553.0	deg.F
70% Rec		572.3	deg.F
80% Rec		593.8	deg.F
90% Rec		621.8	deg.F
95% Rec		646.8	deg.F
FBP		666.4	deg.F
Recovery		97.8	%
Residue		1.0	%
Loss		1.2	%

Approved By: Signature On File
Paul Wheeler
Assistant Laboratory Manager

Issuer warrants that it has exercised due diligence and care with respect to the information and professional judgments embodied in this report. This report reflects only the findings at the time and place of inspection and testing. Issuer expressly disclaims any further indemnity of any kind. This report is not a guarantee or policy of insurance with respect to the goods or the contractual performance of any party. Any person relying upon this report should be aware that issuer's activities are carried out under their general terms and conditions.

"Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D 3244 (except for analysis of RFG), IP 367 and appendix E of IP standard methods for analysis testing with respect to the utilization of test data to determine conformance with specifications"





SCOPE OF WORK TO ABANDON 2-280 GALLON FUEL OIL TANK UNDERGROUND FUEL STORAGE TANK IN PLACE:

PHASE 1 (PRIOR TO FILLING)

1. SOIL SAMPLES SHALL BE OBTAINED FROM BENEATH THE TANKS
2. SOIL SAMPLES SHALL BE PERFORMED PER F.P.B. REQUIREMENT #41 REV. 7/01/06
3. COLLECT AND ANALYZE SOIL SAMPLES IN ACCORDANCE WITH SECTION 2645 ARTICLE 4, SUBCHAPTER 16, TITLE 23, WATER, CALIFORNIA CODE OF REGULATIONS. THE SOIL ANALYSIS SHALL BE PERFORMED BY A STATE CERTIFIED LAB. A COPY WILL BE SUBMITTED TO THE L.A. FIRE DEPARTMENT WHEN APPLING FOR THE DIVISION 5 PERMIT.

PHASE 2

1. PUMP OUT ANY LIQUID FROM TANKS AND DISPOSE OF
2. TRIPLE RINSE TANKS AND DISPOSE OF RINSET AT A STATE CERTIFIED WASTE DISPOSAL SITE OR A LICENSE TREATMEN SITE.
3. ALL ELECTRIC LINES, PIPING AND APPURTENANCES ASSOCIATED WITH THE TANKS SHALL BE ISOLATED OR DISCONNECTED, WHERE POOSIBLE, REMOVE VENT PIPE AT GROUND LEVEL
4. POST "NO SMOKING OR OPEN FLAMES" SIGNS AND BARRIER: AT LEAST 25' AWAY FROM THE TANKS
5. NO CUTTING TORCH, OPEN FLAME OR SPARK PRODUCING EQUIPMENT SHALL BE USED ON THE TANK OR PIPING
6. CALL FOR INSPECTION AT LEAST 2-WEEKS IN ADVANCE PRIOR TO START OF WORK.
7. SLURRY FILL THE TANKS WITH LOS ANGELES FIRE DEPARTMENT LIST OF APPROVED MIXTURES USED TO ABANDON UNDERGROUND TANKS. PER F.P.B. REQUIREMENT #41
8. PUMP PRODUCT INTO TANK UNTIL IT FLOWS OUT OF THE VENT LINES

L.A.F.D NOTE:
(1) TANKS WERE INTEGRITY TESTED IN LIEU OF SOIL SAMPLES
(2) ALL ABOVE GROUND PIPES TO BE CUT, FILLED AND CAPPED OFF
(3) A COMPLETE COMPREHENSIVE TANK ABANDONMENT REPORT SHALL BE SUBMITTED WITHIN 30 days OF ABANDONMENT.

KEY

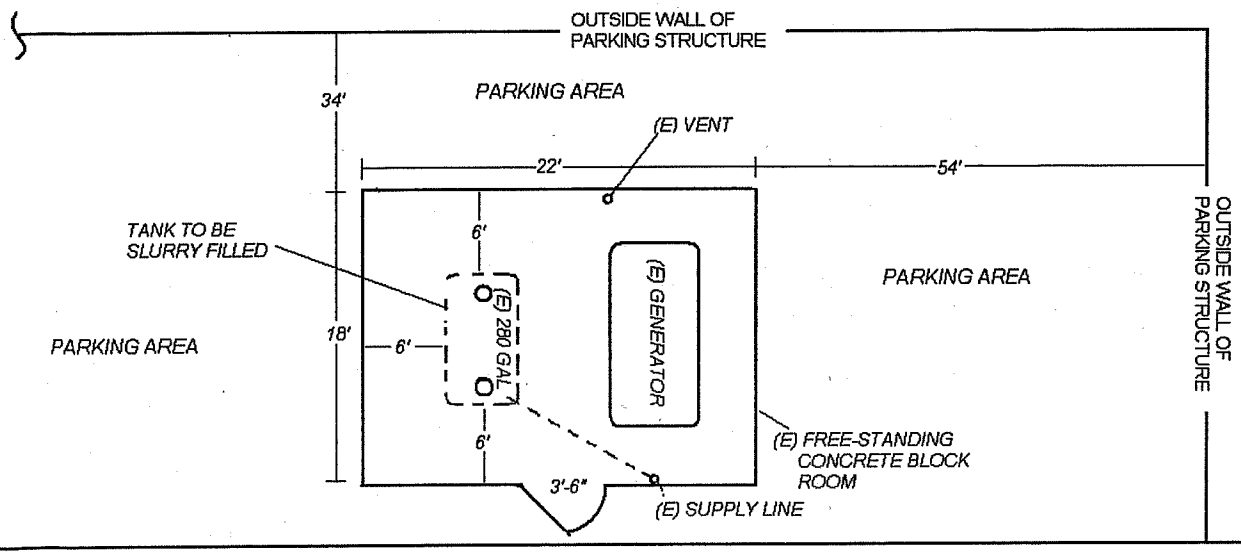
■ = SITE LOCATION FOR GENERATOR TANKS TO BE SLURRY FILLED

LOS ANGELES CONVENTION CENTER
1201 S. FIGUORA AVE, LOS ANGELES, CA.

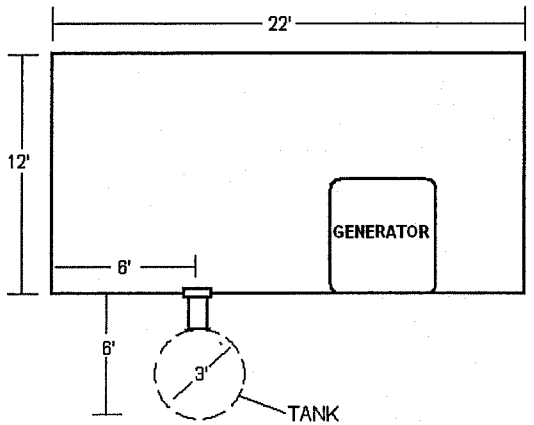
DATE	1/13/08	PLOT PLAN PG. 1 OF 3	DAVE'S PERMIT SERV 562-533-8239
SCALE	AS NOTED		

CONSTRUCTION & CONSULTING SERVICES, INC.
TDE 9513 BUSINESS CENTER DRIVE.
RANNCHO CUCAMONGA, CA 91730
(909) 948-8886 FAX (909) 948-8858

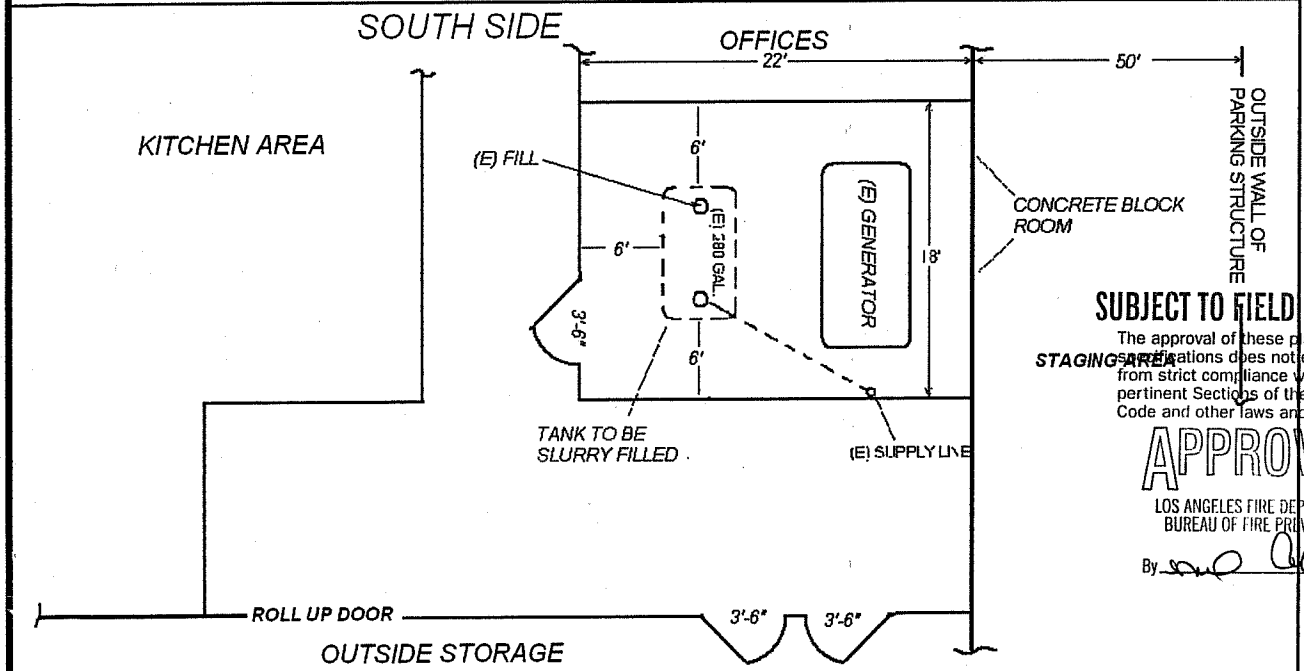
NORTH SIDE



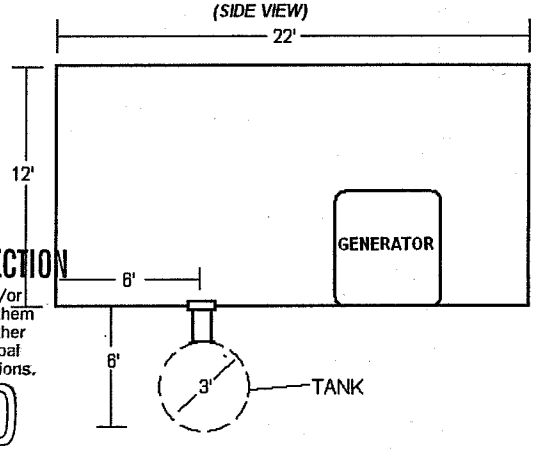
INSIDE OF THE ROOM
(SIDE VIEW)



SOUTH SIDE



INSIDE OF THE ROOM
(SIDE VIEW)



SUBJECT TO FIELD INSPECTION

The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent Sections of the Municipal Code and other laws and regulations.

APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
7/29/08
By # 24633

LOS ANGELES CONVENTION CENTER
1201 S. FIGUORA AVE, LOS ANGELES, CA.

DATE	1/13/08	DETAIL PLAN PG. 2 OF 3	DAVE'S PERMIT SERV 562-533-8239
SCALE	AS NOTED		

CONSTRUCTION & CONSULTING SERVICES, INC.
TDE
9513 BUSINESS CENTER DRIVE.
RANNCHO CUCAMONGA, CA 91730
(909) 948-8886 FAX (909) 948-8858

F.P.B. REQUIREMENTS #41 NOTES

If only residue remains in the tank, remove it utilizing an appropriate vacuum truck and hose. The residue shall be considered a hazardous waste. It must be manifested and transported to a licensed hazardous waste disposal site or a licensed TSDF by a licensed hazardous waste transporter, subject to all applicable government regulations.

6. All electric lines, piping, and appurtenances associated with the tank shall be isolated or disconnected. Where possible, remove the tank vent lines at ground level. All segments of pipe which remain attached to the tank shall have any open ends plugged with a pliable material. Barriers and signs shall be installed where necessary. Any source of ignition shall be at least 25 feet away from the tank. Signs shall state "NO SMOKING OR OPEN FLAMES."

NOTE: NO CUTTING TORCH, OPEN FLAME, OR SPARK PRODUCING EQUIPMENT SHALL BE USED ON THE TANKS OR PIPING.

7. On tanks equipped with fill pipes extending below the tank top, remove the piping which extends into the tank.
8. Call Underground Tank Enforcement Unit at least TWO WEEKS prior to start of work. Arrange a mutually agreed upon appointment date and time for the Fire Inspector to be on-site to witness the abandonment.
9. The tank interior shall be washed and made as liquid and deposit free as possible. The tank shall be washed in accordance with the instructions provided by the Fire Department when the Division 5 Permit was issued.
10. LOS ANGELES FIRE DEPARTMENT LIST OF APPROVED MIXTURES USED TO ABANDON UNDERGROUND ATMOSPHERIC TANKS

BASED ON SAND WEIGHT	BASED ON SAND VOLUME
12 oz. of water-wetting agent*	18 oz. of water—wetting agent*
16 oz. of air-entraining agent	94 lbs. of Portland Cement
	1.5 sacks of Portland Cement
31.2 gals. of water	47 gals. of water
1 ton of sand	1 Cu. yard of sand

* This requires use of a wetting agent in order to achieve a mixture, as dry as possible, which will still flow.

METHOD OF MIXING:
It is recommended that drum revolutions of 6-10 RPM be used after the air-entraining agent is added. Approximately 60 revolutions are required to properly loosen the material. Periodic drum reversal to aid flow of material may be necessary.

11. The equipment used to move the fill mixture into the tank shall be positive displacement pump of the type and design used for hydraulically moving concrete.
12. Attach the pump hose connection to the tank fill pipe by means of the pipe threads or a suitable adaptor.
13. Attach drain hoses to the tank vents by tight fitting or threaded connections. The drain hoses shall terminate in containers provide for the specific purpose of collecting any residual liquids, which are forced out of the tank during the filling operation. Any liquids collected shall be manifested and transported to a licensed hazardous waste transporter, subject to all applicable government regulations. A copy of the manifest shall be provided to the Fire Inspector witnessing the tank abandonment.
14. Pump the fill mixture into the tank until it flows out of the vent lines. The Fire Inspector shall determine that the tank is full and shall direct any other operations required to properly complete the abandonment procedure. If the piping is physically impractical to remove, as determined by the Fire Inspector, fill the piping with the approved fill mixture in a like manner.

F. P. B. REQUIREMENT NO. 41 Rev. **7/01/06**

15. Any underground tank monitoring well that is no longer required, shall be destroyed or filled so it will not produce water or act as a means for groundwater contamination.
16. When this operation is finished, the Fire Inspector shall have the following items in the completed Division 5 Permit folder:
    - Division 5 Permit application
    - Division 5 Permit
    - One set of plans
    - Copy of the Hazardous Waste Manifest for the cleaning solution and residue
    - Copy of the "Clean Certificate"
    - Copy of the soils analysis report with chain of custody
    - Tank Time Survey
    - If the contents of the tank were unknown, a copy of the analysis report shall be included.
    - Copy(s) of slurry receipts

LOS ANGELES CONVENTION CENTER
1201 S. FIGUORA AVE, LOS ANGELES, CA.

DATE	1/13/08	NOTES PG. 3	DAVE'S PERMIT SERV 562-533-8239
SCALE	AS NOTED		

CONSTRUCTION & CONSULTING SERVICES, INC.
TDE 9513 BUSINESS CENTER DRIVE.
RANNCHO CUCAMONGA, CA 91730
(909) 948-8886 FAX (909) 948-8858

DIV. 4 - 714 / 715 #_____ LAFD #_____ Fire Station District #_____ Field Office _____

F-280

FIRE DEPARTMENT—CITY OF LOS ANGELES

APPLICATION FOR PERMIT—ATMOSPHERIC UNDERGROUND TANK(S) 5/4

Reg. No. _____

Date _____

PLEASE TYPE OR PRINT:

Name of Owner	Doing Business As
DICK WALSH LOS ANGELES MUNICPAL ANDITORIUM DEPT.	CONVENTION & EXHIBITION CENTER
Address of Owner	**Owner's Phone**
1201 S. FIGUEROA ST. LOS ANGELES, CA. 90015	213-741-1151
Address of Site	**Phone at Installation**
1301 S. FIGUEROA ST. LOS ANGELES, CA. 90015	213-741-1151

Contractor's Name: JWP MECHANICAL SERVICES

Address: 5813 RICKENBACKER RD. COMMERCE State: CA. Zip: 90015 Contact: ANDREW SPINAS

Signature of Applicant	Title	Contractor's Phone
Andrew A. Spinas	PROJECT ENGINEER	213-749-8893

QTY.	ITEM	I.D. NO(S)	FEE
☐ _____	UGT/S ABANDONMENT BY REMOVAL	EPA #_____ State Contractor Type / # 583829 City Business # 960438-46	Exempt—Div. 4 - 714 / 715
☐ _____	UGT/S ABANDONMENT IN PLACE		
☒ 2	UGT/S INSTALLATION 2000 gal. diesel		
☐ _____	UGT/S ADD TO / ALTER: MONITORING		
☐ _____	UGT/S ADD TO / ALTER: PIPING		

Total Fee	Approved ☐	Disapproved ☐	Date	Inspector
EXEMPT				

FIRE PERMIT APPLICATION FOR UNDERGROUND TANKS
OR ATMOSPHERIC TANKS SYSTEMS

SECTION 1

APPLICANT INSTRUCTIONS: Complete all items below. Return page with payment. Type or print neatly.

Answer the following questions on reasons for applying for permit.

Abandon ☐ Add/Alter ☐ First time registering tanks ☒ Install ☒ Registration Expired ☐

Renewal ☐ New Owner ☐ Other _____

How many total underground tanks are there at this facility ? 4

Existing Fire Permit No. _____ Existing Legal Name (of business owner) LOS ANGELES MUNICIPAL AUDITORIUM DEPT

City CLerk use only	PD DT 05-05-92	Fire Permit No. (issued today) 7946-69

SECTION 2

Legal Name (of business owner) CITY OF LOS ANGELES

Business Address (Where underground tanks are located) 1301 SOUTH FIGUEROA ST.
Street Number Dir. Full Street Name

City LOS ANGELES State CA. Zip 90015

Doing Business As MUNICIPAL AUDITORIUM DEPT; CITY OF Nature of business CONVENTION & EXHIBITION CENTER

Business In Care Of: _____

Mailing address 1201 S. FIGUEROA ST. LOS ANGELES, CA. 90015

Name of TANK owner CITY OF LOS ANGELES

Tele. No. Day 213-741-1151 24-hour emerg. No. _____

Name of PROPERTY owner SAME

Mailing address SAME Tele. No. 213-741-1151

SECTION 3

FEE CALCULATION

	No. of tanks		Subtotal
Fee $270 X	4	=	~~1080.00~~ 0
State of California surcharge Fee $56 X	4	=	~~224.00~~ 0

PAY THIS AMOUNT Total EXEMPT

Fee Exemption:

If your establishment is a Goverment Agency, check here ☐

No fee is required, however an application must be filed.

Please retain a copy for your records.

Make all checks payable to ELIAS MARTINEZ, CITY CLERK

REMIT TO:

City of Los Angeles
Tax and Permit Division
P.O. Box 30626
Los Angeles, Ca 90030-0626

Andrew Spinoza JWP MECHANICAL PROJECT ENGR. 5/5/92

Signature of Owner or Authorized Representative | Title | Date

007946-69

CONTROL NO.: 0585
SERIES DATE: 03/10/92

4 TANKS registered
5-5-92
J Ramirez / City Clerk

FACILITY I.D. NEW INSP. NO. 376 LOS ANGELES CITY FIRE DEPARTMENT

UNDERGROUND TANK TIME LOG

SITE SPECIFIC INVOICE

EWM/MAC/4-14-8

DBA CONVENTION EXHIBITION CENTER

FACILITY ADDR 1301 S. FIGUEROA ST

CITY LA ZIP 90015 (DIV) / ASSIGMT NO (circle one) 02524

NO. SHEETS FOR THIS SITE ____

SUBSTANCE GASOLINE

PETROLEUM (X) YES ( ) NO

DATE FIRST REPORTED ____/____/____

DATE OF WORK	NAME OF EMPLOYEE print full name full Civil Service signature	EMPLOYEE CLASS CODE	ACTIVITY CODE	ACTION	HOURS WORKED ST	HOURS WORKED OT	HOURLY RATES ST	HOURLY RATES OT	INDIRECT COST	TRAVEL & PER DIEM	TOTAL LABOR COST
8-13-92	ERIC J. GREENE Eric J Greene		16	6	2						

ACTIVITY

____ 00 ADMINISTRATIVE SUPPORT
____ 01 ACCOUNTING/INVOICE PREP
____ 02 REPORT/CORRESPONDANCE
____ 03 PUBLIC PARTICIPATION?HEARING
____ 04 TRAINING

ACTIVITY

____ 05 SUPERVISION
____ 06 CLERICAL/DATA ENTRY
____ 07 RESEARCH
____ 08 EQMT SUPPLY/MAINT
____ 09 STAFF MEETING

ACTIVITY

____ 10 SITE INSPECTION
____ 11 SAMPLING
____ 12 RP CONSULTATION
____ 13 COUNTY PERSONNEL CONSULT'N
____ 14 GOV. PERSONNEL CONSULTATION

ACTIVITY

____ 15 REPORT DATA REVIEW
____ *16 PLAN CHECK*
____ *17 OTHER - describe*
____ *18*
____ *19*

ACTION

____ 1 FACILITY INSPECTION
____ 2 REINSPECTION
____ 3 LEAK INVESTIGATION
____ 4 CONTAMINATION INVEST
____ 5 MONITORING.

ACTION

____ 6 INSTALL
____ 7 ADD/ALTER
____ 8 ABANDON IN PLACE
____ 9 ABANDON REMOVAL - washing
____ 10 ABANDON REMOVAL - haz waste

ACTION

____ 11 REPAIR TANK EQUIPMENT
____ 12 TANK LINING
____ 13 TANK REPAIR
____ 14 SITE ASSESSMENT - soil
____ 15 SITE ASSESSMENT - water

ACTION

____ 16 REMEDIATION - soil
____ 17 REMEDIATION - water
____ 18 SOILS ANALYSIS
____ 19 WATER CLEANUP - related
____ 20 OTHER - describe on the back

DIV. 4 - 714 / 715 # 7946-69 LAFD # NEW Fire Station District # 10 Field Office HOGAN

F-280

FIRE DEPARTMENT—CITY OF LOS ANGELES

APPLICATION FOR PERMIT—ATMOSPHERIC UNDERGROUND TANK(S)

Reg. No. 6252-L

Date 8-13-92

PLEASE TYPE OR PRINT:

Name of Owner	Doing Business As
DICK WALSH GEN. MGR. LOS ANGELES MUNICIPAL AUDITORIUM DEPT.	CONVENTION & EXHIBITION CENTER
Address of Owner 1201 S. FIGUEROA ST. LOS ANGELES, CA. 90015	**Owner's Phone**
Address of Site 1301 S. FIGUEROA ST. LOS ANGELES, CA. 90015	**Phone at Installation**

Contractor's Name: SPENCER & JONES

Address: 398 NO. 10TH ST., COLTON **State:** CA. **Zip:** 92324 **Contact:** GEORGE SPENCER OR ANN SPENCER

Signature of Applicant [signature] **Title** **Contractor's Phone** 714-825-4624

PERMIT EXPIRED WORK NOT PERFORMED AUG 28 1995 HISTORICAL RECORD ONLY

QTY.	ITEM	I.D. NO(S)	FEE
☐ ____	UGT/S ABANDONMENT BY REMOVAL	EPA # ____	Exempt—Div. 4 - 714 / 715
		State Contractor Type / # 484669 A-HAZ	
		City Business # 193092-83	
☐ ____	UGT/S ABANDONMENT IN PLACE		
☒ 1	UGT/S INSTALLATION	6000 GAL. UNLEADED GAS	
☐ ____	UGT/S ADD TO / ALTER: MONITORING		
☐ ____	UGT/S ADD TO / ALTER: PIPING		

Fee	Approved	Disapproved	Date	Inspector
EXEMPT	☒	☐	8-13-92	Eric Glance

FACILITY I.D. NEW INSP. NO. 376 LOS ANGELES CITY FIRE DEPARTMENT

DBA L.A. CONVENTION CENTER UNDERGROUND TANK TIME LOG SITE SPECIFIC INVOICE

FACILITY ADDR 1301 S. FIGUEROA

CITY LA ZIP (DIV 5) ASSIGMT NO (circle one) 02484

EWM/MAC/4-14-8

NO. SHEETS FOR THIS SITE ____

SUBSTANCE FUEL OIL

PETROLEUM (X) YES ( ) NO

DATE FIRST REPORTED ____/____/____

DATE OF WORK	NAME OF EMPLOYEE print full name full Civil Service signature	EMPLOYEE CLASS CODE	ACTIVITY CODE	ACTION	HOURS WORKED ST	HOURS WORKED OT	HOURLY RATES ST	HOURLY RATES OT	INDIRECT COST	TRAVEL & PER DIEM	TOTAL LABOR COST
7-23-92	ERIC T. GREENE Eric T Greene		16	6	1						

ACTIVITY

- ____ 00 ADMINISTRATIVE SUPPORT
- ____ 01 ACCOUNTING/INVOICE PREP
- ____ 02 REPORT/CORRESPONDANCE
- ____ 03 PUBLIC PARTICIPATION?HEARING
- ____ 04 TRAINING

ACTIVITY

- ____ 05 SUPERVISION
- ____ 06 CLERICAL/DATA ENTRY
- ____ 07 RESEARCH
- ____ 08 EQMT SUPPLY/MAINT
- ____ 09 STAFF MEETING

ACTIVITY

- ____ 10 SITE INSPECTION
- ____ 11 SAMPLING
- ____ 12 RP CONSULTATION
- ____ 13 COUNTY PERSONNEL CONSULT'N
- ____ 14 GOV. PERSONNEL CONSULTATION

ACTIVITY

- ____ 15 REPORT DATA REVIEW
- ____ *16 PLAN CHECK*
- ____ *17 OTHER - describe*
- ____ *18*
- ____ *19*

ACTION

- ____ 1 FACILITY INSPECTION
- ____ 2 REINSPECTION
- ____ 3 LEAK INVESTIGATION
- ____ 4 CONTAMINATION INVEST
- ____ 5 MONITORING

ACTION

- ____ 6 INSTALL
- ____ 7 ADD/ALTER
- ____ 8 ABANDON IN PLACE
- ____ 9 ABANDON REMOVAL - washing
- ____ 10 ABANDON REMOVAL - haz waste

ACTION

- ____ 11 REPAIR TANK EQUIPMENT
- ____ 12 TANK LINING
- ____ 13 TANK REPAIR
- ____ 14 SITE ASSESSMENT - soil
- ____ 15 SITE ASSESSMENT - water

ACTION

- ____ 16 REMEDIATION - soil
- ____ 17 REMEDIATION - water
- ____ 18 SOILS ANALYSIS
- ____ 19 WATER CLEANUP - related
- ____ 20 OTHER - describe on the back

DIV. 4 - 714 / 715 # 007946-67 LAFD # NEW Fire Station District # 10 Field Office

F-280

FIRE DEPARTMENT—CITY OF LOS ANGELES

APPLICATION FOR PERMIT—ATMOSPHERIC UNDERGROUND TANK(S)

Reg. No. 02484

Date 7-23-92

PLEASE TYPE OR PRINT:

Name of Owner: Dick Walsh GENERAL MGR Los Angeles Municipal Auditorium Dept

Doing Business As: Los Angeles Convention Center Expansion

Owner's Phone: 213/741-1151

Address of Owner: 1201 So. Figueroa St. Los Angeles

Phone at Installation: 213/741-1151

Address of Site: 1301 So. Figueroa St. Los Angeles

Contractor's Name: Spencer & Jones Zip: 92324 Contact: Ann Spencer

Address: 398 No. 10th St., Colton State: CA Title: Corp. Secretary Contractor's Phone: 714/825-4624

Signature of Applicant: Ann Spencer

QTY.	ITEM	I.D. NO(S)	FEE
☐ ____	UGT/S ABANDONMENT BY REMOVAL	EPA # ____ State Contractor Type / # 184669 - A, B, C36, HAZ City Business # 193092-93	Exempt—Div. 4 - 714 / 715
☐ ____	UGT/S ABANDONMENT IN PLACE		
☒ 1	UGT/S INSTALLATION 500 gallon		
☐ ____	UGT/S ADD TO / ALTER: MONITORING		
☐ ____	UGT/S ADD TO / ALTER: PIPING		

Total Fee EXEMPT | Approved ☑ | Disapproved ☐ | Date 7-23-92 | Inspector

INSTALLS-97

INSTALLATION/MONITOR/ADD-ALTER INFORMATION SHEET
UNDERGROUND TANK ENFORCEMENT

EWM/UTE-F/mdiihm:12-12-90

ROUTING/COPIES INSPECTORS - Insert ONE copy in each of the following: 1. Div 5 package (original) 2. Inspection blue book
SECRETARIES - Distribute ONE copy to each of the following: 1. Captain 2. Data entry 3. Haz Mat Section

GENERAL INFORMATION

Site address 1301 S. Figueroa | Inspection District No. 380 | Division 5 permit no. 2352

Inspector name Lopez, Armando R | Inspector No. 3806 | Date of first inspection 6-16-92 | Date of final inspection

Contractor Steuer & Jones | Resp Person | Phone no.

TANK INFORMATION

Tank no.	Facility/Tank I.D. no.	Tank size (gallons) & Metal or FRP(circle)	Product	LAFD General Approval no.	U.L. number	Tank manufacturer	Tank model
1		2,000 (M/F)		44902	297265	Jon	DW
2		2,000 (M/F)				Jon	DW
3		M/F					
4		M/F					
5		M/F					

1ST INSPECTION: TANK DELIVERY TEST

Tank no.	Vaccum psi	Holiday test
1		pass - fail
2		pass - fail
3		pass - fail
4		pass - fail
5		pass - fail

Check
A. Backfill size
B. The tanks on site are exactly like the tanks on the plans
C. Tanks have LAFD General Approval tag

2ND INSPECTION: TANK PRESSURE TEST

Tank pressure test (5psi)

Tank no.	date	Primary	Annular	date	Primary	Annular
1	7/31/92	pass - fail	pass - fail	7/31	pass - fail	pass - fail
2	/ /	pass - fail	pass - fail	/ /	pass - fail	pass - fail
3	/ /	pass - fail	pass - fail	/ /	pass - fail	pass - fail
4	/ /	pass - fail	pass - fail	/ /	pass - fail	pass - fail
5	/ /	pass - fail	pass - fail	/ /	pass - fail	pass - fail

2ND INSPECTION: PRIMARY PIPING TEST

Primary piping pressure test (75 psi)

Tank no.	Product date	Product	Product date	Product	Vapor date	Vapor	Vapor date	Vapor	Vent date	Vent	Vent date	Vent
1	7/31/92	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	7/31/92	pass/fail	/ /	pass/fail
2	6/12/92	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail
3	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail
4	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail
5	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail

3RD INSPECTION: SECONDARY PIPING

Secondary piping pressure test (5 psi)

Tank no.	Product date	Product	Product date	Product
1	6/12/92	pass/fail	/ /	pass/fail
2	6/17/92	pass/fail	/ /	pass/fail
3	/ /	pass/fail	/ /	pass/fail
4	/ /	pass/fail	/ /	pass/fail
5	/ /	pass/fail	/ /	pass/fail

Primary piping manuf. Black Machine
model
Secondary piping manuf. Ameron
model
Monitor sys. manuf.
Tank system: O annular O tank level
model

4TH INSPECTION: 1ST MONITOR TEST

1st monitoring system test (all probes)

Tank date	Tank	Piping date	Piping
/ /	pass/fail	/ /	pass/fail
/ /	pass/fail	/ /	pass/fail
/ /	pass/fail	/ /	pass/fail

Note If monitoring system passes, then fuel may be put into the tank.

5TH INSPECTION: 2ND MONITORING SYS. & TOTAL SHUTDOWN & LINE LEAK TEST

2nd monitoring sys test (random probes) Tank date	Tank	Piping date	Piping	Total shutdown test Piping date	Piping	Line leak detestion test Piping date	Piping
/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail
/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail
/ /	pass/fail	/ /	pass/fail	/ /	pass/fail	/ /	pass/fail

Note All items on Installation Final Check List must be complied with, before system can operate. Concrete or pavement material must be finished before finaling job.

Line leak detection manuf.
model
Overspill box manuf.
model
Overfill device manuf.
model

DOCUMENTS & ENTRIES: NECESSARY FOR A COMPLETE PACKAGE

O Installation info sheet O Time log - Site specific sheet O Div. 5 permit, application, and plans Package completion & forwarding date:
O Update Blue Book (facility & tank construction sheets) O Entry on Div. 5 Activity Sheet

DIV. 5 - 714 / 715 # 7946-69 LAFD # _____ Fire Station District # 10 Field Office Hogan

F 260

FIRE DEPARTMENT—CITY OF LOS ANGELES

APPLICATION FOR PERMIT—ATMOSPHERIC UNDERGROUND TANK(S)

Reg. No. 2352

Date 5/15/92

PLEASE TYPE OR PRINT:

Name of Owner Dick Walsh Los Angeles Municipal Auditorium Dept.	Doing Business As Convention & Exhibition Center
Address of Owner 1201 S. Figueroa St. Los Angeles, CA 90015	Owner's Phone 213/ 741-1151
Address of Site 1301 S. Figueroa St. Los Angeles, CA 90015	Phone at Installation 213/ 741-1151
Contractor's Name: Spencer & Jones Address: 398 No. 10th St. Colton State: CA Zip: 92324 Contact: Ann Spencer	
Signature of Applicant Ann Spencer	Title Sec.
	Contractor's Phone 714) 825-4624

QTY.	ITEM	I.D. NO(S)	FEE
☐ _____	UGT/S ABANDONMENT BY REMOVAL	EPA # _____ State Contractor Type / # 184669 A, B, C-8, C36 H92 City Business # 193092-83	Exempt—Div. 4 - 714 / 715
☐ _____	UGT/S ABANDONMENT IN PLACE		
☒ 2	UGT/S INSTALLATION 2,000 gallon diesel		
☐ _____	UGT/S ADD TO / ALTER: MONITORING		
☐ _____	UGT/S ADD TO / ALTER: PIPING		

Total Fee	Approved	Disapproved	Date	Inspector
EXEMPT	☑	☐	5/15/92	J Lovell

LOS ANGELES CITY FIRE DEPARTMENT
UNDERGROUND TANK TIME LOG
SITE SPECIFIC INVOICE

NO. SHEETS FOR THIS SITE ____

SUBSTANCE ____

PETROLEUM ( ) YES ( ) NO

DATE FIRST REPORTED ____/____/____

FACILITY I.D. ____ INSP. NO. ____

DBA Convention Center

FACILITY ADDR 1301 S. Figueroa St

CITY LA Ca ZIP 90015 DIV 5 / ASSIGMT NO (circle one)

DATE OF WORK	NAME OF EMPLOYEE print full name / full Civil Service signature	EMPLOYEE CLASS CODE	ACTIVITY CODE	ACTION	HOURS WORKED ST	HOURS WORKED OT	HOURLY RATES ST	HOURLY RATES OT	INDIRECT COST	TRAVEL & PER DIEM	TOTAL LABOR COST
5/5/92	J. Gould		16	16	6.0						

ACTIVITY

___ 00 ADMINISTRATIVE SUPPORT
___ 01 ACCOUNTING/INVOICE PREP
___ 02 REPORT/CORRESPONDANCE
___ 03 PUBLIC PARTICIPATION?HEARING
___ 04 TRAINING

ACTION

___ 1 FACILITY INSPECTION
___ 2 REINSPECTION
___ TANK INVESTIGATION

ACTIVITY

___ 05 SUPERVISION
___ 06 CLERICAL/DATA ENTRY
___ 07 RESEARCH
___ 08 EQMT SUPPLY/MAINT
___ 09 STAFF MEETING

ACTION

___ 6 INSTALL
___ 7 ADD/ALTER
___ 8 ABANDON IN PLACE
___ ABANDON REMOVAL - washing

ACTIVITY

___ 10 SITE INSPECTION
___ 11 SAMPLING
___ 12 RP CONSULTATION
___ 13 COUNTY PERSONNEL CONSULT'N
___ 14 GOV. PERSONNEL CONSULTATION

ACTION

___ 11 REPAIR TANK EQUIPMENT
___ 12 TANK LINING
___ 13 TANK REPAIR
___ 14 SITE ASSESSMENT - soil
___ SITE ASSESSMENT - water

ACTIVITY

___ 15 REPORT DATA REVIEW
___ 16 PLAN CHECK
___ 17 OTHER - describe
___ 18
___ 19

ACTION

___ 16 REMEDIATION - soil
___ 17 REMEDIATION - water
___ 18 SOILS ANALYSIS
___ 19 WATER CLEANUP - related
___ 20 OTHER - describe on the ba

FIRE PERMIT APPLICATION FOR : . GROUND .NKS ~~ABOVE GROUND~~
OR ATMOSPHERIC TANKS SYSTEMS

SECTION 1 ✓ # 4050 ~~agent~~ new registered

APPLICANT INSTRUCTIONS: Complete all items below. Return page with payment. Type or print neatly.

Answer the following questions on reasons for applying for permit.

Abandon ☐ Add/Alter ☐ First time registering tanks ☒ Install ☒ Registration Expired ☐

Renewal ☐ New Owner ☐ Other _____

How many total underground tanks are there at this facility ? 4

Existing Fire Permit No. _____ Existing Legal Name (of business owner) LOS ANGELES MUNICIPAL AUDITORIUM DEPT.

City CLerk use only	PD DT 05-05-92	Fire Permit No. (issued today) 7946-69

SECTION 2

Legal Name (of business owner) CITY OF LOS ANGELES

Business Address (Where underground tanks are located) 1301 SOUTH FIGUERDA ST.
Street Number Dir. Full Street Name

City LOS ANGELES State CA. Zip 90015

Doing Business As MUNICIPAL AUDITORIUM DEPT; CITY OF L.A. Nature of business CONVENTION & EXHIBITION CENTER

Business In Care Of: _____

Mailing address 1201 S. FIGUERDA ST. LOS ANGELES, CA. 90015

Name of TANK owner CITY OF LOS ANGELES

Tele. No. Day 213-741-1151 24-hour emerg. No. _____

ENTERED DEC 1 1992 DATA ENTRY

Name of PROPERTY owner SAME

Mailing address SAME Tele. No. 213-741-1151

SECTION 3

FEE CALCULATION

	No. of tanks		Subtotal
Fee $270 X	4	=	~~1080.00~~ 0
State of California surcharge Fee $56 X	4	=	~~224.00~~ 0

PAY THIS AMOUNT Total EXEMPT

Fee Exemption:

If your establishment is a Goverment Agency, check here ☐
No fee is required, however an application must be filed.

Please retain a copy for your records.

Make all checks payable to ELIAS MARTINEZ, CITY CLERK

REMIT TO:

City of Los Angeles
Tax and Permit Division
P.O. Box 30626
Los Angeles, Ca 90030-0626

Andrew Spinner JWP MECHANICAL PROJECT ENGR. 5/5/92

Signature of Owner or Authorized Representative Title Date

California—Health and Welfare Agenc
Form Approved OMB No. 2050—0039 (Expires 9 8)
Please print or type. (Form designed for use on (12-pitch typewriter).

Department of Health Servic
Toxic Substances Control Divisi
Sacramento, Califon

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981631716 Manifest Document No. 10815

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address L.A. Convention Center
1201 S. Figueroa St. Los Angeles Ca

4. Generator's Phone (213) 749-5011

A. State Manifest Document Number 87041085

B. State Generator's ID

5. Transporter 1 Company Name American O.I Company

6. US EPA ID Number CAD981427667

C. State Transporter's ID 109104

D. Transporter's Phone 818 700-8297

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address Industrial Service
1700 S. Soto St. L.A. Ca 90023

10. US EPA ID Number CAD009945208

G. State Facility's ID CAD009945208

H. Facility's Phone 213 262-9747

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous Waste Liquid N.O.S. ORM-E NA 9189	001	TT	3506		State 222
					EPA/Other
b.					State
					EPA/Other
c.					State
					EPA/Other
d.					State
					EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 01 b.
c. d.

15. Special Handling Instructions and Additional Information Emergency Response: Bill Mobley 818 892-6708
Gloves, Drive 31-33 24 hours

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name MASOUD SEPAHI | Signature | Month Day Year 05 23 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name JIM BAIN | Signature | Month Day Year 05 23 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACI

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

GENERATOR

EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

87041085

2 A (1/87)
0—22
6) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

INSTRUCTIONS ON THE BACK

F-350

Granted 08-13-92
08-13-93
pires

Fire Department
City of Los Angeles
PERMIT

Reg. No. 25-4
Fee Paid Exempt-714

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name Los Angeles Municipal Auditorium Department
Mr. Dick Walsh

PERMIT EXPIRED WORK NOT PERFORMED AUG 8 1995 HISTORICAL RECORD ONLY

Mail to Spencer and Jones
398 North 10th Street
Colton, CA 92324

Permit to: Install 1 atmospheric tank(s), as per built-in
plans and specification submitted to the Fire Prevention
Bureau.

Location 1501 South Figueroa Street
Los Angeles EJK

BY ORDER OF CHIEF ENGINEER

By: _____
Fire Marshal

F-350

Granted 02-11-93
02-11-94
pires

Fire Department
City of Los Angeles
PERMIT

Reg. No. 2875
Exempt-714
Fee Paid

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to: MUST COMPLY WITH FPB REQUIREMENTS NO. 41

Name City of Los Angeles Convention Center Department

Mail to Environmental Engineer
5701 West Slauson Avenue, Suite 140
Culver City, CA 90230

Permit to: Install 1 atmospheric tank(s) as per plans and specification submitted to the Fire Prevention Bureau and subject to the field inspector's approval at the site.

Location 1501 South Figueroa Street
Los Angeles MRH

BY ORDER OF CHIEF ENGINEER

By: _____
Fire Marshal

F-350

Granted [illegible]

Expires 07-26-55

Fire Department
City of Los Angeles
PERMIT

Reg. No. 2484

Fee Paid Exempt-714

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name Los Angeles Municipal Auditorium Department - Mr. Dick Walsh

Mail to Spencer and Jones
398 North 10th Street
Colton, CA 92324

PERMIT GRANTED

Permit to: Install 1 atmospheric tank(s), shop built as per plans and specification submitted to the Fire Prevention Bureau.

Location 1301 South Figueroa Street
Los Angeles JG

BY ORDER OF CHIEF ENGINEER

By: [signature] Fire Marshal

F-350

Granted [illegible]

Expires 05-15-55

Fire Department
City of Los Angeles
PERMIT

Reg. No. 2552

Exempt-714

Fee Paid

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name Los Angeles Municipal Auditorium Department - Mr. Dick Walsh

Mail to Spencer and Jones
398 North 10th Street
Colton, CA 92324

Permit to: Install 2 atmospheric tank(s), shop built as per plans and specification submitted to the Fire Prevention Bureau.

Location 1301 South Figueroa Street
Los Angeles JG

BY ORDER OF CHIEF ENGINEER

By: [signature] Fire Marshal

LOS ANGELES FIRE DEPARTMENT

Application For Division 5 Permit - Atmospheric Underground Tank

Fire Dept Use Only

Data Management Unit	LAFD Unified Program Fac ID	Permit No.	Date Granted	Work Must Begin By	Exp. Date
☒ Tanks are registered & fees paid to date. ☒ Fee Exempt. Signature		22022	5/31/05	11/31/05	5/31/06
	Enforcement Inspector		Fire Station #	Permit Type	
	213 978-3710			Abandon Vent Line-In Place	

CITY OF LOS ANGELES

LOCATION INFORMATION

Doing Business As (DBA):		EPA ID NO. (not required for Installation or Monitoring)	
Convention Center Pico Plaza Generator			
Address: Number / Dir. / Street Name / St., Ave., Blvd., etc.			Phone No.:
1301 South Figueroa St.			(213) 978-3781
City: Los Angeles	State: Ca.	Zip: 90015	

PROPERTY OWNER

Name:		Phone No.:
General Services Fuel Maintenance Division		(213) 978-3781
Address: 111 E. 1st. Street Room 601		
City: Los Angeles	State: Ca.	Zip: 90012
Print Name: Arthur S. Rudnick	Signature:	

LESSEE

Name:		Phone No.:
		( )
Address:		
City:	State:	Zip:
Print Name:	Signature:	

CONTRACTOR INFORMATION

Company Name:		Phone No.:
Prime of California		( )
Address: 14910 Erwin Chance Court		
City: Paramount	State: Ca.	Zip: 90723

City Business Number:	Current ☒ Expired ☐	State Contractors #: Type	Exp. Date	Work Comp #:	Exp. Date
795386-38		598213-A-HAZ C61	7/31/06	1708850	1/1/06
Print Name: Mike McCarthy		Signature:		Title: General Manager	

ITEM	PE	QTY
☐ UST(s) Installation	5100	
☐ UST(s) Abandonment by Removal	5201	
☐ UST(s) Abandonment-In-Place	5200	
☐ UST(s) Tank Entry / Lining / Repair	5301	
☒ UST(s) Add to / Alter: Monitor / Piping / Disp.	5300	1
☐ Site Assessment	5400	
☐ Emergency Plan Check / Site Assessment	5401	

NOTES:

Abandon in place one vent line

APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY

Inspector Name: Rentzell

Inspector Signature:

CITY OF LOS ANGELES
CALIFORNIA

Underground Storage Tank - Inspector Time Log

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3680

Business No: **Inspector:**
Business Name: L.A. CONVENTION CENTER
Business Address: 1301 So. Figueroa St.

Permit No: 22022
Permit Type: Abandonment-In Place (Piping)
Permit Date: 5/27/05

Date of Work	Insp. #	Inspector Name	Activity Code	Total Time	(Comments)
5/27/05	401	RATTEN	01	1.5	Vent Line Abandon-In-Place
6-2-05	409	Martinez	5	$3.30	Vent Line Abd in Place

1 Plan Check
2 Site Assessment
3 Report Review
4 Permit Inspection
5 DIV5 Final Insp.
6 Correspondence
7 Telephone
8 Meetings/Consultations
9 Routine Facility Inspection
10 Facility Reinspection
11 Investigation.

LOS ANGELES CONVENTION CENTER
FUEL TANK LOCATIONS
JULY 24, 2000

SCALE: 1"=300'

1201 S. FIGUEROA ST.

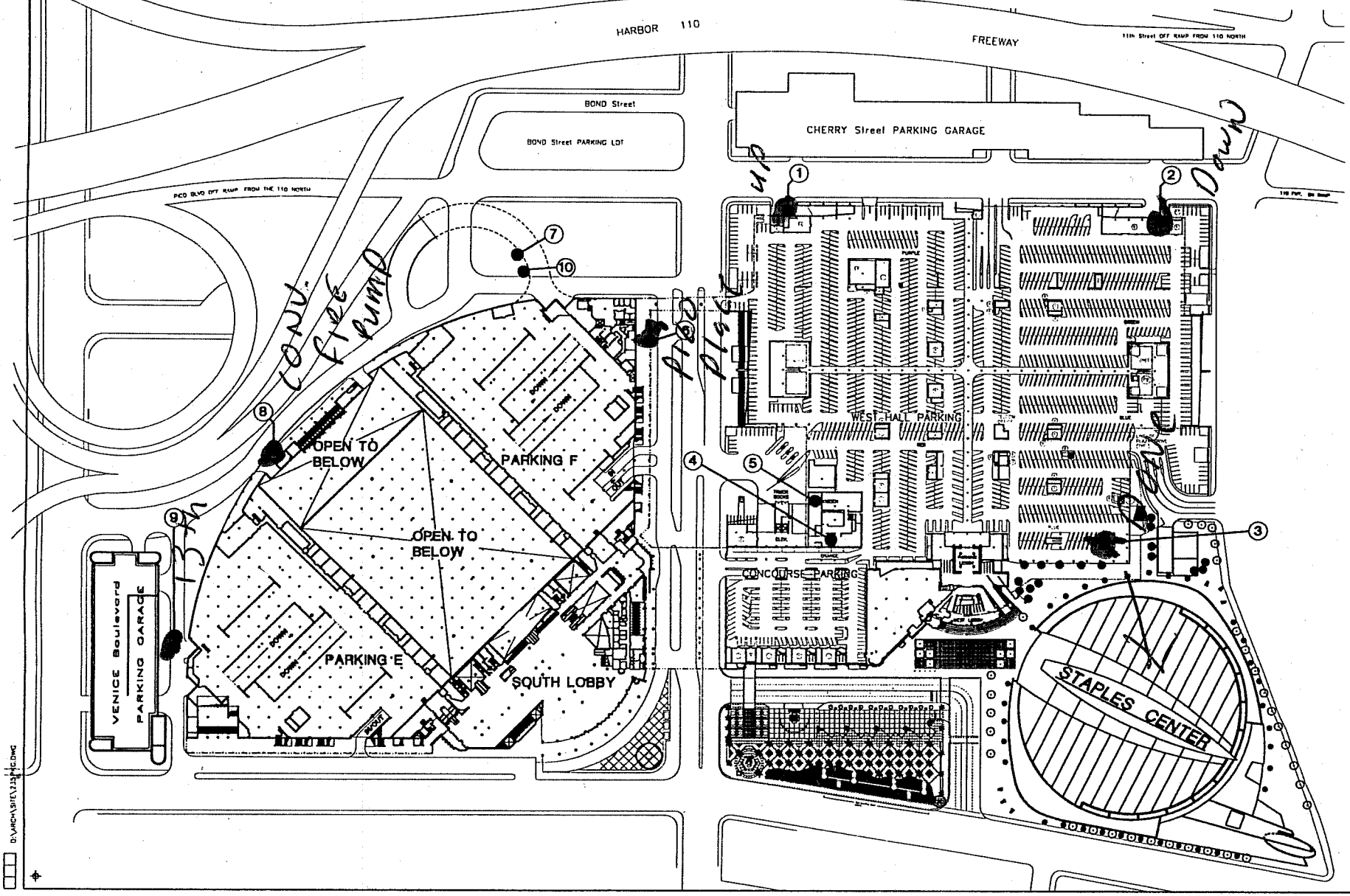
1. 2000 GAL. DIESEL
2. 1000 GAL. DIESEL
3. 1000 GAL. DIESEL
4. 280 GAL. DIESEL (ABANDONED)
5. 300 GAL. DIESEL – ABOVE GROUND

1301 S. FIGUEROA ST.

6. 2000 GAL. DIESEL
7. 6000 GAL. UNLEADED GAS
8. 550 GAL. DIESEL
10. 120 GAL. DIESEL – ABOVE GROUND

1501 S. FIGUEROA ST.

9. 2000 GAL. DIESEL



Los Angeles Convention Center

PRINT DATE:
CHECKED BY:
DATE: 07/24/00
DRAWN BY: DJ/BJA

SHEET TITLE
L.A.C.C.
LEVEL 235 (P1)

235

D:\ARCH\SITE\235PIC.DWG

CITY OF LOS ANGELES

INVOICE

Los Angeles City Fire Department Unified Program
Underground Storage Tank Fees for Service

Applicant/Contractor Information:

Name: MIKE MCCARTHY
Repesenting:
(Company Name/Self) PRIME OF CALIF
Phone No.: 562-630-5811
Address: 14910 QUEEN CAITL COURT
PARAMOUNT, CA. 90723

Invoice Date: 5/31/05
Permit No.: 22072
Invoice No.:

Inspection District:
Plan Check Inspector: RENTERIA
Enforcement Inspector:

Site Information:

LAFD Facility ID No.:
Business Name (DBA): L.A. CONVENTION CENTER
Site Address: 1301 So. FIGUEROA
LOS ANGELES, CA.

Permit Type	Tanks	Minimum Fee	Fee
ABANDON TANKS IN-PLACE			Ø

PENALTY:
TOTAL AMOUNT DUE:

Plan Check and Inspection services are calculated on a fee for service basis. Each type of transaction has been assigned a charge based on the estimated time required for the service.

If Plan Check/Inspection services exceeded the assigned hours, additional charges will accrue in six minute increments. These additional charges will be billed to the Responsible Party.

For Payments:
DATA MANAGEMENT UNIT
17TH FLOOR, ROOM 1780

FEE EXEMPT

AMOUNT PAID $ _____

SIGNATURE: [signature]

Omer Bilgé & Associates Consulting Structural Engineers
2523 Canyon Oak Drive . Los Angeles, California 90068 . Ph. & Fax 323-462-5498

May 16, 2005

Mike McCarthy
Prime of California, Inc.
14910 Gwen Chris Court
Paramount, CA 90723

Re: Los Angeles Convention Center

Dear Mr. McCarthy:

Today, accompanied by you and Mr. Tim Buro of Engineering, Construction & Support Services, I made a visual examination of the two areas of the Los Angeles Convention Center.

1. Fire Pump Room #1 in the south of the building: It was reported that the supply and return lines for the diesel fuel will be replaced. To dig up these lines to be replaced, requires the partial demolition of the slab and some parts of the existing footing. This is not practical and would necessitate extensive structural investigation. It was reported that, a method of replacing these pipes was proposed and approved. With that in mind, tearing the floor up would be ill advised.

2. South Hall Generator at Pico Place: It was reported that the vent line for the fuel tank needs to be replaced. The existing vent is in the cast-in-place concrete wall, therefore impossible to be replaced. The proposed method is to install a new vent and run it up along the existing column without demolishing any part of the existing structure. This is structurally acceptable.

If you have any questions, please do not hesitate to call me.

Very truly yours,

Omer Bilgé

REGISTERED PROFESSIONAL ENGINEER
OMER BILGE
No. 1459
STRUCTURAL
STATE OF CALIFORNIA

cc: Tim Buro

MAY 18 2005

Omer Bilgé & Associates Consulting Structural Engineers
2523 Canyon Oak Drive . Los Angeles, California 90068 . Ph. & Fax 323-462-5498

May 16, 2005

Mike McCarthy
Prime of California, Inc.
14910 Gwen Chris Court
Paramount, CA 90723

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If you have any questions, please do not hesitate to call me.

Very truly yours,

Omer Bilgé

cc: Tim Buro

REGISTERED PROFESSIONAL ENGINEER
OMER BILGE
No. 1453
STRUCTURAL
STATE OF CALIFORNIA

MAY 18 2005

Prime of California, Inc.

14910 GWEN CHRIS COURT
PARAMOUNT, CALIFORNIA 90723

(562) 630-5871 ■ FAX (562) 630-8367

City of Los Angeles Fire Department
200 North Main St.
Los Angeles, CA 90012
ATTN: Inspector Palmer

May 2, 2005

Dear Sir,

We respectfully request permission to abandon in place one diesel vent line.

This line is set into the foundation of the Convention Center South Hall, 1301 South Figueroa St. Los Angeles, CA 90045.

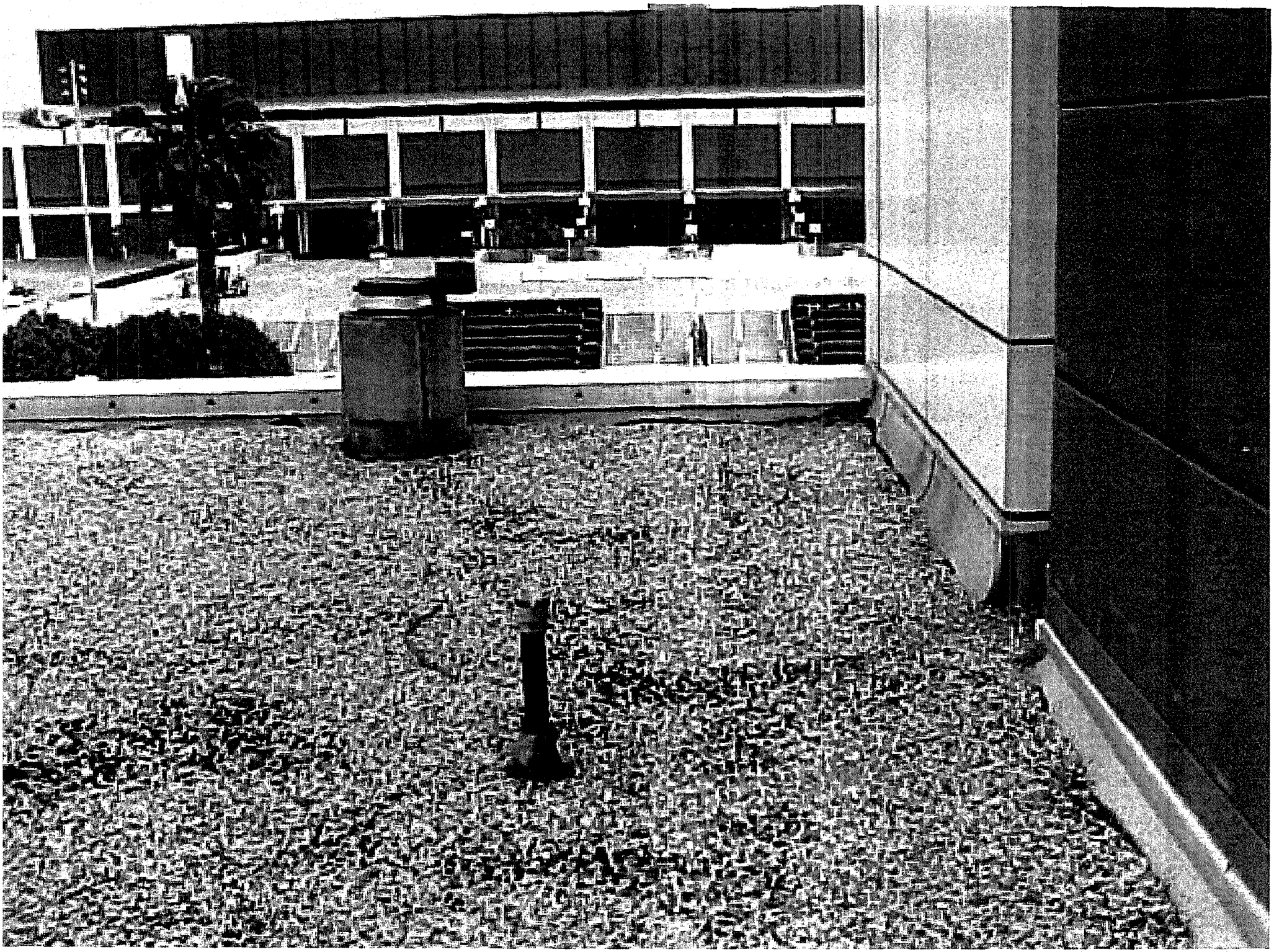
We include with this letter photographs of the tank and vent line termination on the roof of the building.

Thank you for your consideration.

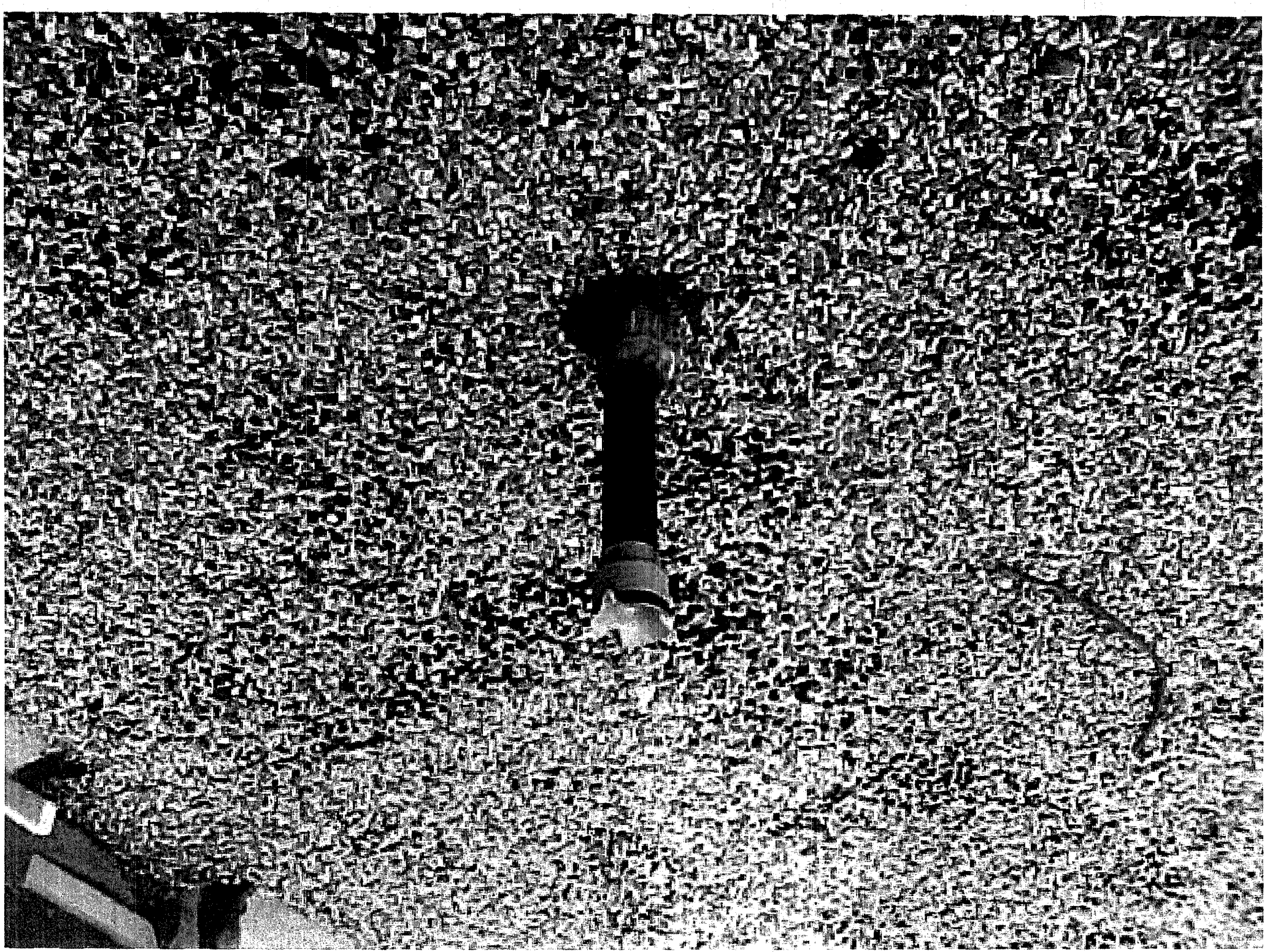
Sincerely,

Mike McCarthy
General Manager
Prime of California











LOS ANGELES FIRE DEPARTMENT

Application For Division 5 Permit - Atmospheric Underground Tank

Fire Dept Use Only

Data Management Unit	LAFD Unified Program Fac ID	Permit No.	Date Granted	Work Must Begin By	Exp. Date
☒ Tanks are registered & fees paid to date ☐ Fee Exempt Signature		270052	5/31/05	11/31/05	5/31/06
	Enforcement Inspector	Fire Station #	Permit Type		
	R. Stone 3710		AV AA 5 Permit		

City of Los Angeles

LOCATION INFORMATION

Doing Business As (DBA):	EPA ID NO. (not required for Installation or Monitoring)	
Convention Center Fire Pump		
Address: Number / Dir. / Street Name / St., Ave., Blvd., etc.		**Phone No.:**
1301 South Figueroa St		(213) 783781
City: Los Angeles	**State:** CA	**Zip:** 90015

PROPERTY OWNER

Name:		Phone No.:
General Services Fuel Mtce Division		(213) 978 3781
Address: 111 E. 1st Street Room 601		
City: Los Angeles	**State:** CA	**Zip:** 90012
Print Name: Arthur S. Rudnicki	**Signature:**	

LESSEE

Name:		Phone No.:
		( )
Address:		
City:	**State:**	**Zip:**
Print Name:	**Signature:**	

CONTRACTOR INFORMATION

Company Name:		Phone No.:
Prime of California		(562) 630 5871
Address: 14910 Green Cities Court		
City: Paramount	**State:** CA	**Zip:** 90723

City Business Number:	Current ☒ Expired ☐	State Contractors #: Type	Exp. Date	Work Comp #:	Exp. Date
795386-38		598213 A HAZ C61/D40	7/31/06	1708850 2005	1/1/2006

Print Name:	Signature:	Title:
Mike McCarthy		General Manager

ITEM	PE	QTY
☐ UST(s) Installation	5100	
☐ UST(s) Abandonment by Removal	5201	
☐ UST(s) Abandonment-In-Place	5200	
☐ UST(s) Tank Entry / Lining / Repair	5301	
☒ UST(s) Add to / Alter: Monitor / Piping / Disp.	5300	1
☐ Site Assessment	5400	
☐ Emergency Plan Check / Site Assessment	5401	

NOTES:

Abandon in Place one Diesel Supply And one Diesel Return line.

APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY

Inspector Name: Reitzell

Inspector Signature:

CITY OF LOS ANGELES
CALIFORNIA

Underground Storage Tank - Inspector Time Log

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3680

Business No: **Inspector:**
Business Name: LA CONVOLUTION CORP
Business Address: 1301 So. Figueroa St.

Permit No: 28033
Permit Type: ABANDON-IN-PLACE (PIPING)
Permit Date: 5/27/05

Date of Work	Insp. #	Inspector Name	Activity Code	Total Time	Comments / Notes
5/29/05	401	RETTELL	01	1.0	ABANDON SUPPLY/RETURN PIPING IN-PLACE
6-28	409	MARTINEZ	05	.30	ABD. IN Place Supply & Return

1 Plan Check
2 Site Assessment
3 Report Review
4 Permit Inspection
5 DIV5 Final Insp.
6 Correspondence
7 Telephone
8 Meetings/Consultations
9 Routine Facility Inspection
10 Facility Reinspection
11 Investigation.

CITY OF LOS ANGELES

INVOICE

Los Angeles City Fire Department Unified Program
Underground Storage Tank Fees for Service

Applicant/Contractor Information:

Name: MIKE MCCARTHY
Repesenting:
(Company Name/Self) PRIME OF CALIF
Phone No.: 562-630-5711
Address: 14910 QUEEN CRAFT COURT
PARAMOUNT, CA. 90723

Invoice Date: 5/31/05
Permit No.: 22078
Invoice No.:

Inspection District:
Plan Check Inspector: RENTERIA
Enforcement Inspector:

Site Information:

LAFD Facility ID No.:
Business Name (DBA): L.A. CONVENTION CENTER
Site Address: 1301 SO. FIGUEROA
LOS ANGELES, CA.

Permit Type	Tanks	Minimum Fee	Fee
ABANDON TANKS IN-PLACE			Ø

PENALTY:
TOTAL AMOUNT DUE:

Plan Check and Inspection services are calculated on a fee for service basis. Each type of transaction has been assigned a charge based on the estimated time required for the service.

If Plan Check/Inspection services exceeded the assigned hours, additional charges will accrue in six minute increments. These additional charges will be billed to the Responsible Party.

For Payments:
DATA MANAGEMENT UNIT
17TH FLOOR, ROOM 1780

FEE EXEMPT

AMOUNT PAID $ _____

SIGNATURE: [signature]

Omer Bilgé & Associates Consulting Structural Engineers
2523 Canyon Oak Drive . Los Angeles, California 90068 . Ph. & Fax 323-462-5498

May 16, 2005

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Prime of California, Inc.
14910 Gwen Chris Court
Paramount, CA 90723

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Omer Bilgé

cc: Tim Buro

REGISTERED PROFESSIONAL ENGINEER
OMER BILGÉ
No. 1459
STRUCTURAL
STATE OF CALIFORNIA

MAY 18 2005

Prime of California, Inc.

14910 GWEN CHRIS COURT
PARAMOUNT, CALIFORNIA 90723

(562) 630-5871 ■ FAX (562) 630-8367

City of Los Angeles Fire Department
200 North Main St.
Los Angeles, CA 90012
ATTN: Inspector Palmer

May 2, 2005

Dear Sir,

We respectfully request permission to abandon in place one diesel product line and one diesel return line.

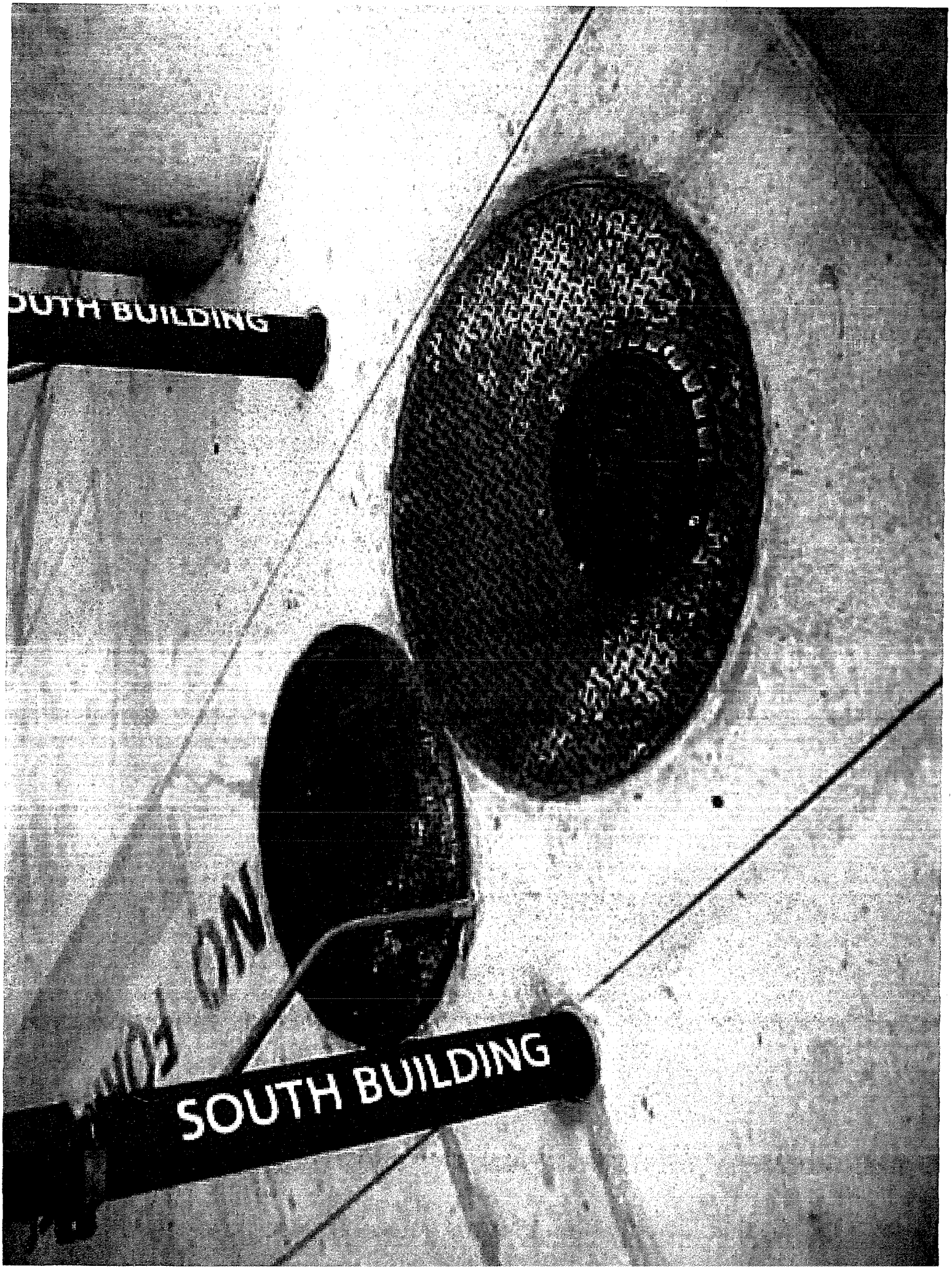
These lines are set in the foundation of the building inside the fire pump room at the Convention Center South Hall, 1301 South Figueroa St. Los Angeles, CA 90045.

We include with this letter photographs of the tank and piping location inside the fire pump room.

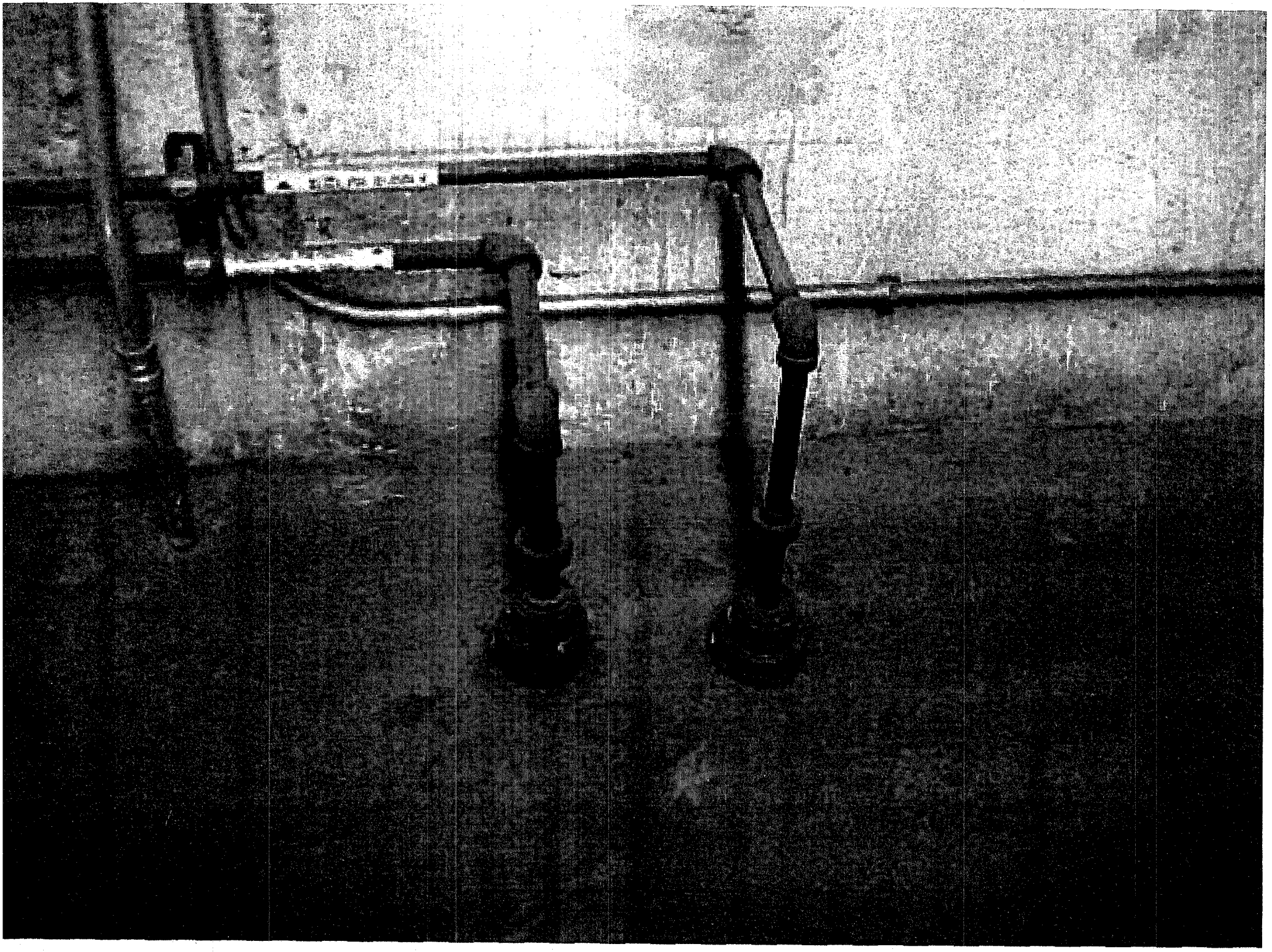
Thank you for your consideration.

Sincerely,

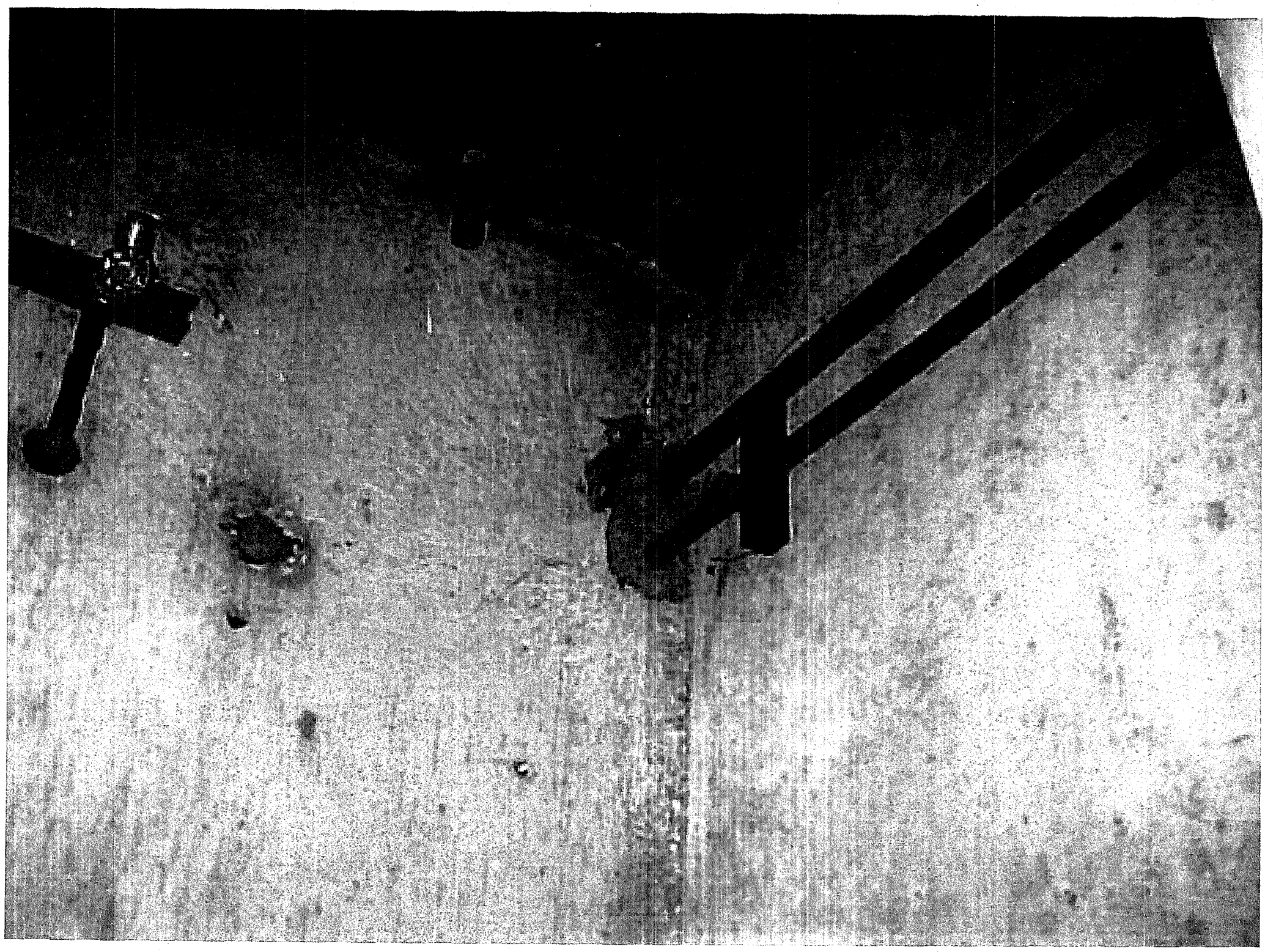
Mike McCarthy
General Manager
Prime of California


OUTH BUILDING
SOUTH BUILDING











ENVIRONMENTAL ENGINEERING

T.T.M.S. INC.

RECEIVED
MAY - 3 1993
UNDERGROUND TANK
PLAN CHECK/ ENVIRO

DEPARTMENT OF GENERAL SERVICES
CITY OF LOS ANGELES

REMOVAL OF UNDERGROUND STORAGE TANKS

FOR:

LOS ANGELES CONVENTION CENTER
1201 S. FIGUEROA ST.
LOS ANGELES, CALIFORNIA 90015

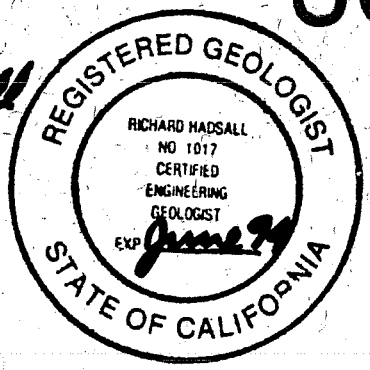
MARCH 1993

Hamid Reza Assadi, R.E.A.
Project Manager



SCANNED
DEC 20 2004

Richard Hadsall, R.G.
Registered Geologist



REMOVAL OF UNDERGROUND STORAGE TANK

LOS ANGELES CONVENTION CENTER
1201 S. FIGUEROA ST.
LOS ANGELES, CA. 90015

Prepared For

City of Los Angeles
Fire Department
200 North Main St.
Los Angeles Ca. 90012

Prepared By

TTMS INC
100 Corporate Point, Suite 220
Culver City, California 90230
Phone: (310) 568-8290

March 1993

TABLE OF CONTENTS

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1.	Executive Summary	1
2.	Site Description	2
3.	Groundwater Depth	2
4.	Field Operations and Observations	2
5.	Laboratory Analysis	4
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7.	Recommendations	5
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APPENDICES

A. Figures

B. Permits

C. Laboratory Results and Chain of Custody Report

D. Uniform Hazardous Waste Manifests and Certificates

E. Site Safety Plan and Site Work Plan

F. Standard Sampling Procedures

1. EXECUTIVE SUMMARY

TTMS Inc., was retained by the Los Angeles Convention and Exhibition Center Authority to remove one (1) 200 gallon underground storage tank which had contained waste oil located at 1201 S. Figueroa St., Los Angeles, California 90015. (All related maps and plans are in Appendix A).

Permits were obtained from the City of Los Angeles Fire Department (Ref #2935) (copies of which are enclosed in appendix B). Once the appropriate permits were obtained, the South Coast Air Quality Management District S.C.A.Q.M.D. (Ref #EC-93-0052) was notified, and excavation work began on March 4, 1993. The tank was fully exposed and excavated. The excavation was completed in accordance with the provisions made in T.T.M.S work plans.

Fill lines were exposed and the site was prepared for tank removal. The hydrocarbon emission levels were continuously monitored and logged in every 15 minutes during excavation.

On March 4, 1993 the tank was pressure washed, decontaminated and a LEL reading of zero (0) was obtained. All associated fluids were pumped and transported by American Oil Company to an approved T.S.D.F. (Industrial Service Company). The tank was certified "non-hazardous" by an industrial hygienist (CTL Environmental Services), and was removed under the supervision of Inspector Lockett of the City of Los Angeles Fire Department. The tank was transported on March 5, 1993 to D.W. Russel Co. for destruction (Manifests, Certificates and Supporting Documents are in Appendix D).

After the removal of the tank from the excavation, under the supervision of Inspector Lockett of City of Los Angeles Fire Department, one (1) soil sample was taken from two (2) feet beneath the invert of the tank. The sample was sent to American Analytics Laboratories. Three tests, EPA 8020 BTXE, 418.1 and 7420, were run on sample #SST1C. The soil sample did indicated the presence of contamination at the tank removal site (see Appendix C).

2. SITE DESCRIPTION

The site is currently part of the Los Angeles Convention Center Expansion. The tank was an abandoned waste oil tank located at of 1201 S. Figueroa St., Los Angeles, California 90015. One (1) 200 gallon underground storage tank which contained waste oil was located at the site. The top of the tank was 4 feet below the surface.

Figure 2. in Appendix A shows the location of the tank.

3. GROUNDWATER CONDITIONS

According to records made available by the Los Angeles County, Department of Public Works, Groundwater Recharge and Water Quality Section, Hydraulic Water Conservation Division, the nearest wells to the site are 2746, 2735A and 2737A (shown in Table 1). These measurements were made on 12-18-72, 04-18-84 and 04-10-78 respectively.

Table 1: Groundwater Information

WELL NUMBER	GROUND SURFACE ELEVATION	WATER SURFACE ELEVATION	GROUND SURFACE TO WATER SURFACE (feet)
2746	242.3	97.2	145.1
2735A	232.6	95.4	137.2
2737A	224.0	-50.0	274.0

4. FIELD OPERATIONS AND OBSERVATIONS

On March 4, 1993 the tank was exposed. During the excavation work, emission levels were monitored for levels of volatile hydrocarbon contamination. An OVA (Gastech 1314) was used for this purpose. Field monitoring did not reveal contamination in the soil above and adjacent to the tank.

The result of soil monitoring during the excavation at different depths are shown in Table 2.

Table 2 : The Results of Field Monitoring

TIME	LOCATION OF READING	OVA READING (ppm)
1400	3" Above the Soil at Tank Excavation	ND
1500	" " " " " "	ND
1515	" " " " " "	ND
1530	" " " " " "	ND
1545	" " " " " "	ND
1557	" " " " " "	ND
	End of Excavation @ 1600	

ND: Not Detectable

Instrument used:	Gastech 1314	Date Calibrated:	02/27/93
Logged By:	George Valdespino	Job Address:	1201 S. Figueroa St. Los Angeles Ca. 90015
Date:	March 4, 1993		

All associated fluids were transported by American Oil to a recycling facility (Industrial Service Company). See Appendix C for certificate of disposal.

A hand auger was used to drill to the depth of two (2) feet below the surface. The soil sample was taken from underneath the tank. The undisturbed soil sample was extracted inside 3" long, 2" OD sampling tubes and placed inside a steel spoon sampler. A steel spoon sampler was placed inside each borehole created by the hand auger and driven by a thirty pound hammer to retrieve the undisturbed sample at the sampling location.

After the sampling operation, the sampling tubes were removed from the sampler. One set of samples were prepared for shipment to the laboratory (Chain of Custody and lab results in Appendix C). The ends of the sampling tubes were lined with aluminum foil and capped with plastic end caps. The tubes were then wrapped with plastic tape to reduce the possibility of volatilization (See Appendix G for Standard Soil Sampling Procedure). Duplicate soil samples extracted were field monitored. The results of the field monitoring of duplicated soil sample is shown in Table 3.

Table 3: Results of field monitoring of the duplicate soil sample.

SAMPLE NUMBER	LOCATION OF SAMPLE	OVA READING (ppm)
SST1C	CENTER OF 200 GALLON TANK	ND

ND: Not Detected

Following the sampling process the sample was placed in an ice chest with blue ice and sent to a state certified environmental laboratory, American Analytics, for analysis.

Visual and olfactory inspection of the samples did not indicate the presence of contamination.

5. LABORATORY ANALYSES

The sample was analyzed by the EPA method 8020 for Benzene, Toluene, Xylene and Ethylbenzene, 418.1 and 7420. The results of the laboratory analyses did indicate the presence of contamination at the tank removal location (See Appendix C). Sample #SST1C was extracted from two (2) feet from beneath the invert of the 200 gallon waste oil tank (as selected by Inspector Lockett of L.A.F.D. Underground Tank Unit). The sample (#SST1C) displayed elevated levels of contamination, 850 ppm, for total recoverable petroleum hydrocarbons.

Table 4A: Results of Laboratory Analyses of Soil Samples for EPA 418.1 and 7420.

SAMPLE NUMBER	418.1(ppm)	7420(ppm)
SST1C	850	12

Table 4B: Results of Laboratory Analyses of Soil Samples for EPA 8020 BTXE.

SAMPLE NUMBER	BENZENE (ppb)	TOLUENE (ppb)	XYLENE (ppb)	ETHYLBENZENE (ppb)
SST1C	ND	ND	ND	ND

ND: Not Detected

6. Conclusions

Based upon the laboratory analysis, visual, olfactory and field monitoring results there is contamination present at this site due to unauthorized releases from the tank or the appurtenant piping.

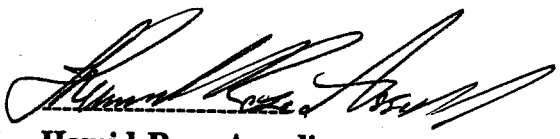
7. Recommendations

Based upon the laboratory analysis and field observations unauthorized releases from the tank or the appurtenant piping have occurred and therfore remedial action is recommended.

8. DISCLAIMER

All properties are subject to some environmental risks. These risks cannot be eliminated completely. Many commercial and industrial properties that were developed prior to the enactment of modern environmental laws are particularly prone to risks associated with environmental hazards which include, but are not limited to materials or wastes which might be toxic, ignitable, corrosive or reactive. The identification or mitigation of the potential environmental hazards from the work that has been performed or prior to the development or redevelopment of the property can lead to the reduction or elimination of the impact of the environmental hazards on the use of the property. In some cases, it is not possible to ascertain that hazardous materials/wastes are present on the property prior to development.

No warranty, expressed or implied, of any kind is made or intended in connection with this report, or by any other oral or written statement.

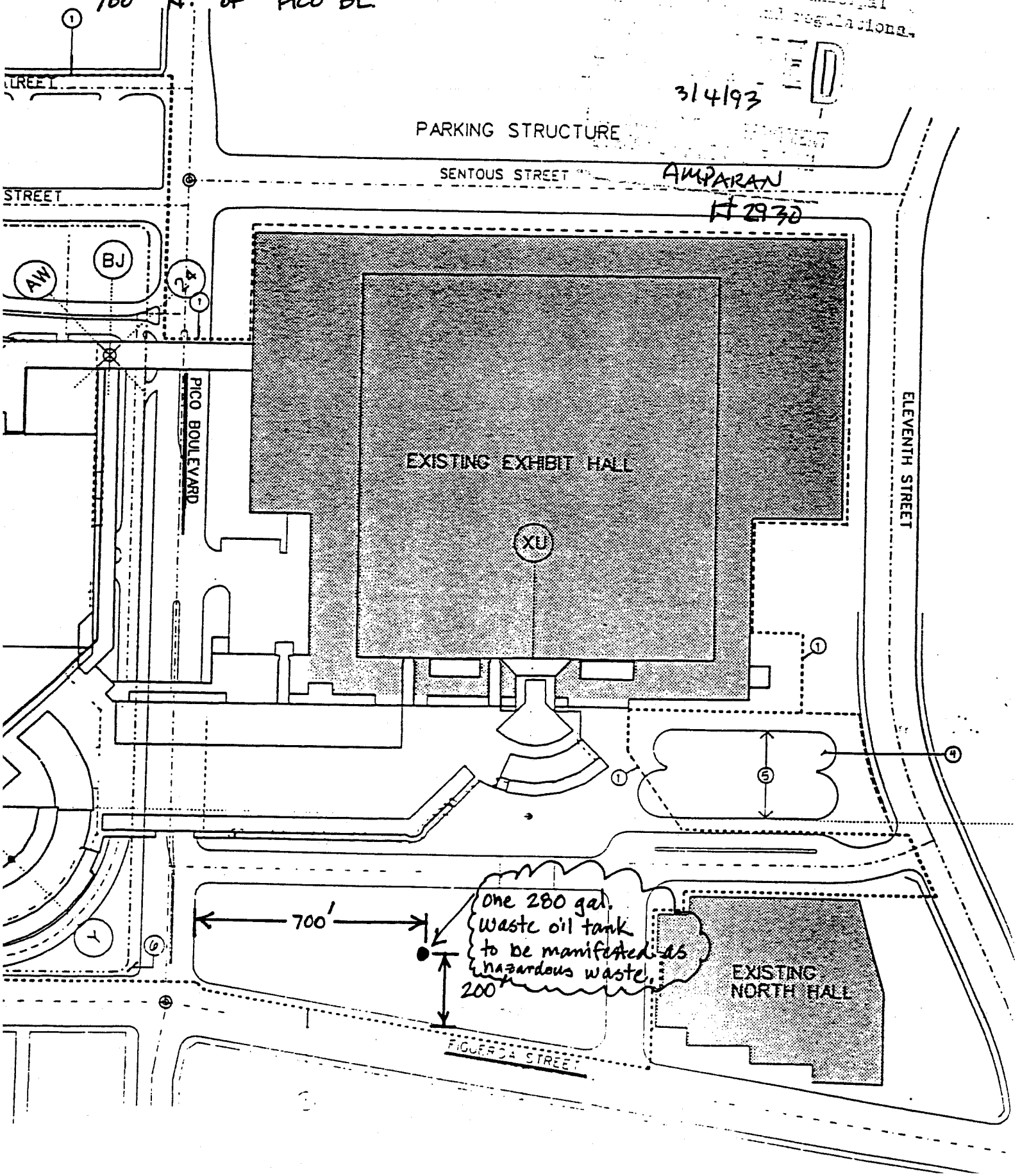


Hamid Reza Assadi
Vice President

1201 S. FIGUE A ST.

ONE 280 GAL. WASTE OIL TANK
200' W. OF FIGUEROA ST.
700' N. OF PICO BL.

Z.



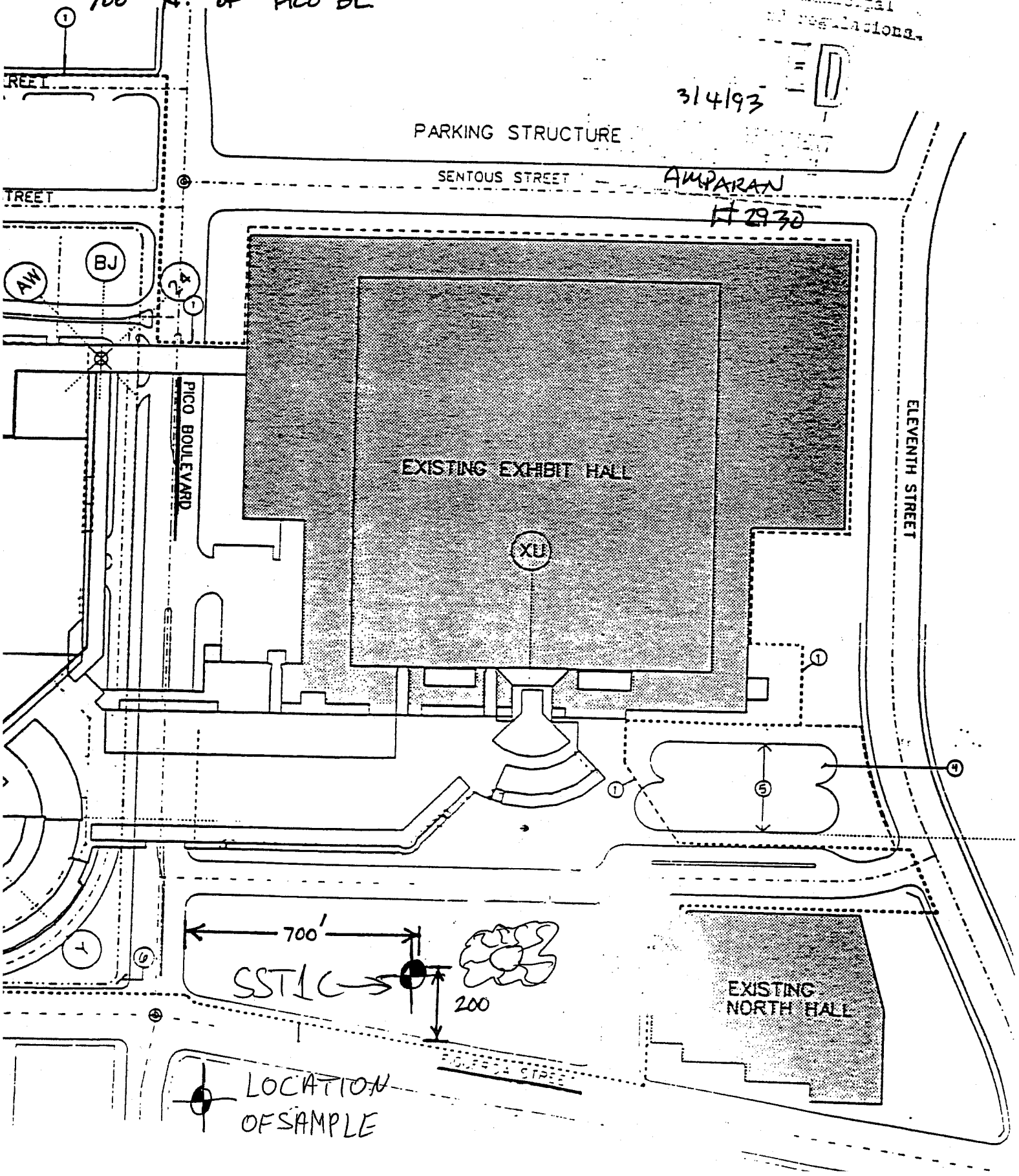
1201 S. FIGUEORA ST.

ONE 280 GAL. WASTE OIL TANK
200' W. OF FIGUEROA ST.
700' N. OF PICO BL

Z-

3/4/93

AMPARAN
HF 2930

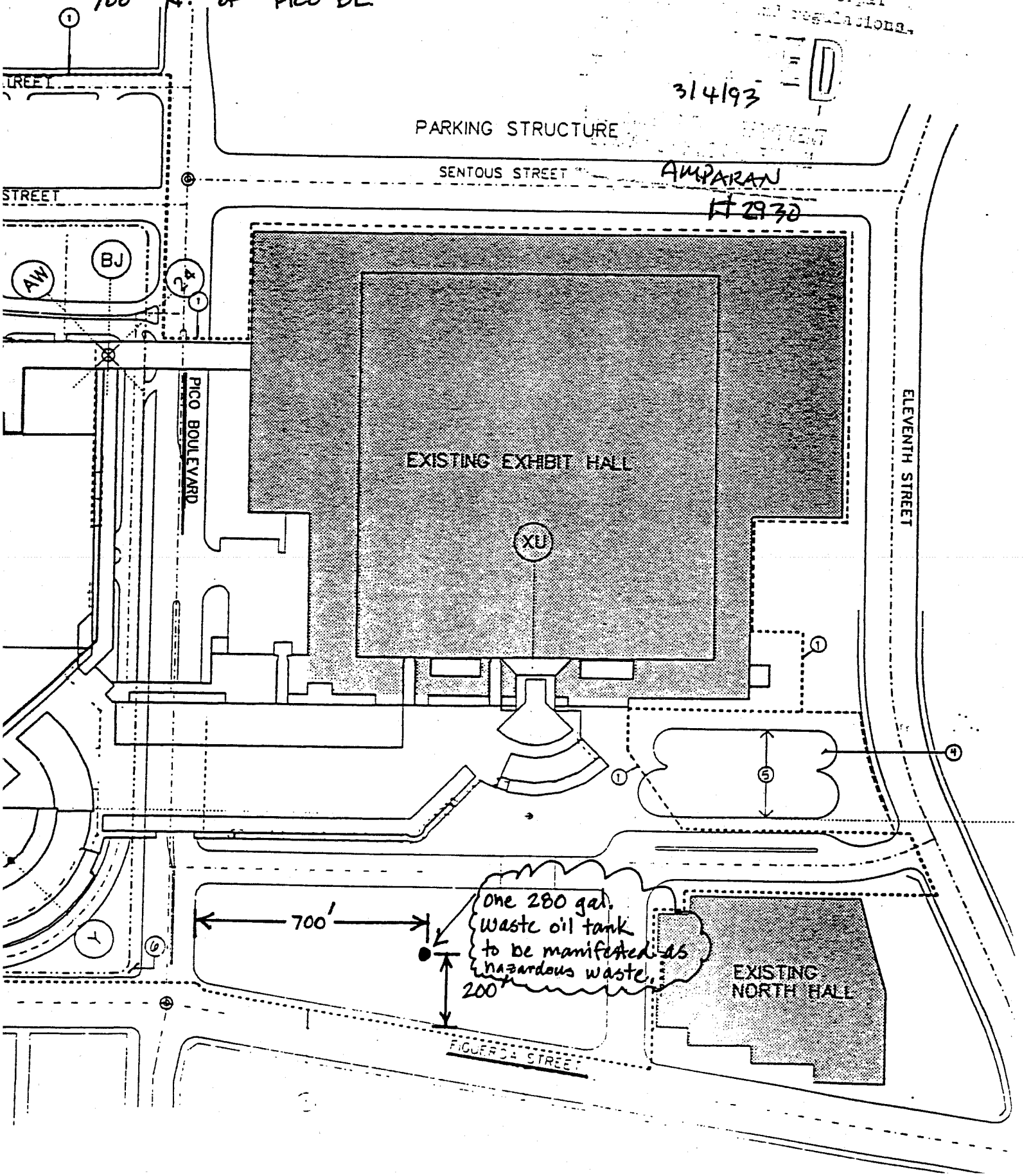


1201 S. FIGUE A ST.

ONE 280 GAL. WASTE OIL TANK
200' W. OF FIGUEROA ST.
700' N. OF PICO BL

Z-

3/4/93



DIV. 4 - 714 / 715 # 61794 LAFD # _____ Fire Station District # 10 Post Office _____

F-200

FIRE DEPARTMENT—CITY OF LOS ANGELES

APPLICATION FOR PERMIT—ATMOSPHERIC UNDERGROUND TANK(S)

Reg. No. 2930

Date 3-4-93

PLEASE TYPE OR PRINT:

Name of Owner: CITY OF LOS ANGELES, CONVENTION CTR. DEPT. DICK WALSH, GENERAL MANAGER	Doing Business As: LOS ANGELES CONVENTION CENTER
Address of Owner: 1201 S. FIGUEROA ST. LOS ANGELES CA. 90015	Owner's Phone: (213) 741-1151
Address of Site: 1201 S. FIGUEROA ST. LOS ANGELES CA. 90015	Phone at Installation: (213) 749-5011
Contractor's Name: ENVIRONMENTAL ENG., TYMS INC.	
Address: 5701 W. SLAUSON AVE #140 CULVER CITY State: CALIF. Zip: 90230 Contact: HAMID ASGADI	
Signature of Applicant: FOR ROBERT S. NOEL CITY ENGINEER	Title: CIVIL ENGINEER
	Contractor's Phone: (213) 748-1297

QTY.	ITEM	I.D. NO(S)	FEE
[X] 1	UGT/S ABANDONMENT BY REMOVAL 1-280 GAL. UNDERGROUND WASTE OIL (FUEL OIL)	EPA # CAD 981631716 State Contractor Type / # 579579 City Business # 599254-31	Exempt—Div. 4-714 / 715
[ ] _____	UGT/S ABANDONMENT IN PLACE		
[ ] _____	UGT/S INSTALLATION		
[ ] _____	UGT/S ADD TO / ALTER: MONITORING		
[ ] _____	UGT/S ADD TO / ALTER: PIPING		

Total Fee	Approved	Disapproved	Date	Inspector
EXEMPT	[X]	[ ]	2/4/93	RAMPARAS

MAR-04-93 THU 09:48 ID:LEO A. DALY TEL NO:213-388-1452 #826 P02

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

Date: September 28, 1989

To: John D. Cockayne, Project Officer
Convention Center
3333 Wilshire Blvd., Suite 202
Attention: John Nicoloro

From: William R. Hansen, Division Engineer
Construction Division

Subject: LOS ANGELES CONVENTION CENTER - EARTH WORK (SOIL CONTAMINCATION) File 89-200 W.O. EXX95111

In response to a request dated September 12, 1989 from your office attached is the Geotechnical Services report dated Septenber 27, 1989 regarding the site investigation for the proposed project.

If you have any questions, please call Masoud Sepahi on extension 53805.

WRH/MJM/MS/FTL/ma

Attachment
89-200.doc

SCANNED
SEP 15 2004

CITY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Bureau of Engineering

GEOTECHNICAL SERVICES

September 28, 1989
File 89-200

LOS ANGELES CONVENTION CENTER - EARTH WORK (SOIL CONTAMINATION) W.O. EXX95111

SCOPE

This investigation was prepared in response to a September 12, 1989 request from Mr. John Cockayne, Project Officer of Convention Center. Two underground tanks and a clarifier were encountered during the convention center site grading operations. This report includes a summary of the site activities, the analytical results, conclusions, and recommends a remedial action plan to satisfy the Los Angeles City Fire Department and the other agencies concerned with hazardous materials. Figure 1, showing the location of the underground tanks and the clarifier that have been removed is attached to this report.

The Department of Water and Power's (DWP) Testing Laboratories Special Tests and Investigation reports dated August 22, 1989 and September 11, 1989 and the reports from Weck Laboratories, Inc. dated September 15, 1989 and September 19, 1989 are also attached.

BACKGROUND

Geotechnical Services was informed that an underground tank was found during the site grading. Upon our arrival, the underground tank (Tank 1) was found to have been crushed, punctured, and removed from its original location. By visual inspection, the tank seemed to be 500 gallons in size. On August 18, 1989, we collected a soil sample (Sample 1) at the area where the tank was originally located. The sample was collected according to the Leaking Underground Fuel Tank (LUFT) manual guidelines, iced and taken to the laboratory for analysis. The sample was labeled and chain-of-custody protocol was followed. The sample was tested for Total Petroleum Hydrocarbons (TPH) and for EPA priority organic compound pollutants by EPA test methods

418.1 and 8240, respectively. The results were below the limits of the test methods. Based on the laboratory test results, visual inspection and the results of our Organic Vapor Analyzer (OVA) readings, it was concluded that no contamination existed at the site of Tank 1 and as a result, there was no evidence of leakage of stored products.

On August 22, 1989, Mr. John Nicoloro contacted Geotechnical Services regarding a clarifier encountered during the site grading. The clarifier was broken up and there was evidence that a small amount of sludge had leaked during grading around the clarifier location. A soil sample (Sample 2) was collected on August 18, 1989 and taken to DWP lab for identification of contamination. The sample was tested for TPH, Volatile Petroleum Hydrocarbon (VPH), and Volatile Organic Compounds (VOC) contamination by EPA test methods 418.1, 8015, and 8240, respectively. TPH concentrations of 2300 Parts Per Million (PPM) was found. All other samples were below the detection limits of their test methods.

Based on this information a Soil Contamination Workplan, to address preliminary site information, and a Soil Remediation Plan were deemed necessary. Geotechnical Services prepared the workplan dated September 1, 1989, which was then delivered to Henry J. Amaparan of the Fire Department before any remedial action work was started.

The workplan recommended that the remediation will be accomplished by removing the contaminated soil and transported by a licensed hazardous waste hauler to a facility accepting Class I contaminated soil (in general Class I waste refers to soils contaminated with TPH of more than 1,000 PPM). Geotechnical Services assisted in the excavation by confirming the required depth of excavation, inspecting the soil by using an Organic Vapor Analyzer (OVA) and visual inspection. Approximately 45 Cubic Yards (CY) of contaminated soil were removed to assure that the site is free of contamination. Two soil samples (north end of clarifier and south end of clarifier) were then taken on September 1, 1989 at the north and south ends of the excavated area. The samples were taken to the DWP Laboratory. The samples were tested for TPH contamination via EPA method 418.1. The results were below the detection limit for the sample taken at the north end of clarifier and 705 PPM for the sample taken at the south end of the clarifier. The results of the laboratory testing confirmed that there was still contaminated soil left in place. Based on this finding approximately 8 cubic yards of additional soil were removed under the supervision of Geotechnical Services. A soil sample was taken from the bottom of the excavation on September 15, 1989 and taken to Weck

Laboratories, Inc. for testing to assure that all the contaminated soil had been removed. The result of the laboratory testing was below the detection limit for the test method indicating that the clarifier site is free of hydrocarbon contamination and all of the contaminated soil has been removed. The remedial action for the clarifier site is now considered complete.

A second underground tank was also discovered during the site grading. The tank was hit and punctured by the grading equipment. It was still intact and contained what seemed to be waste oil. Containerized Chemical Disposal, Inc. made arrangements to clean the tank and remove it for disposal. Due to some scheduling difficulty of the tank removal activities, the tank was cleaned when a Fire Department underground tank unit inspector was not present.

A meeting was held on September 15, 1989 between all interested parties at the Convention Center site. After all exchange of information and clearing procedures it was decided that a soil sample would be taken when the underground tank (Tank 2) was removed.

A soil sample was collected and it was then given to Containerized Chemical Disposal, Inc. to be taken to the Weck Laboratories. The sample was tested for TPH and VPH by EPA methods 418.1 and 8015, respectively. The results were 12800 PPM for TPH and 29000 ppm for VPH concentrations.

The following sections provide a work plan for remediation of the soil contamination found beneath the underground tank (Tank 2) removed.

SOIL REMEDIATION

A concurrent soil remediation will be accomplished by the removal and transportation of contaminated soil by a licensed hazardous waste hauler to a facility accepting Class I contaminated soil. Manifests will be provided to the Fire Department upon removal of the contaminated soil from the site.

To assure that all the contaminated soil is removed, soil samples will be taken under the direction of a geologist or soil engineer from Geotechnical Services. A site assessment and final report will follow after laboratory results confirm that the site remediation has been accomplished successfully.

The sample collection will be performed according to the LUFT manual guidelines, iced, and taken to the laboratory for analysis. Each sample will be labeled and properly documented on chain of custody form at the conclusion of sampling.

Based on our experience with borings at this site we do not expect to encounter groundwater above depth of 35 feet. However, if groundwater is encountered during the removal of contaminated soils, monitoring wells will be established according to LUFT manual guidelines to determine if groundwater has been impacted.

Chemical analyses to be performed are:

Soil - EPA Method 418.1

As of September 18, 1989, all the excavated contaminated soils, Tank 1 and the clarifier were properly stockpiled at the northeast corner of the site. The stockpiled materials are to be manifested and will be transported to a facility accepting Class I material. Tank 2 has already been cleaned, inspected and removed from the site.

If you have any question, please contact either Masoud Sepahi or Fred Langston at (213)485-3805.

Masoud Sepahi
Civil Engineering Assistant III

Clyde M. Easterly, P.E.G.E. 000289
Geotechnical Engineer II

REGISTERED PROFESSIONAL
CLYDE M. EASTERLY
No. GE289
Exp. 6-30-9
GEOTECHNICAL
STATE OF CALIFORNIA

Fred T. Langston
Asst. Engineering Geologist III

Paul J. Michalski
Engineering Geologist III
CEG 927 Reg. Exp. 6/30/90

REGISTERED GEOLOGIST
PAUL J. MICHALSKI
#927
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

PJM/MS/FTL/ec
A:conv5.d4

CHEMISTRY LABORATORY DATA REPORT

Soil Sample
Underground Tank Removal, Convention Center Expansion Site

A soil sample, taken on August 18, 1989 from the excavation site of an underground tank at Convention Center Expansion Site was submitted by the Geotechnical Services Section, Department of Public Works, City of Los Angeles for the determination of its total petroleum hydrocarbons (TPH), and volatile organic compounds (VOC) contents.

The sample was analyzed by the Chemistry Laboratory of Laboratory and Technical Services, Power Design and Construction Division, Department of Water and Power. The methods for testing TPH and VOC contents in soil were USEPA methods 418.1 and 8240. The test results are listed.

If you have any questions or if further information is required, please contact Mr. Stanley Kung on (213) 481-6607.

DATA

Log No.	Sample Identification	Date	ppm TPH
G7509	Sample #1	8/18/89	nd*

* nd - not detected, the method practical quantitation limit is 10 ppm for TPH.

Date Completed: 8/22/89
Work Order No.: IDO 000012
Job Card No.: J89884
Copies to: M. Sepahi (3)
S. M. Damron
H. W. Rupp
T. B. Hemming
S. M. Kung
FASTRACK

Test Made by: RPG,SMK
Report by: SMK
Checked by: AEC

Approved: T. HEMMING / M.M.
DIRECTOR
CHEMISTRY LABORATORY

CHEMISTRY LABOPRATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

1630 N. Main Street, Building 7
Los Angeles, CA 90012
(213) 481-6691 /FAX (213) 482-725

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics
EPA SW-846 Method 8240-Soil

Sample Description: Sample #1, Convention Center Expansion Site

Log Number: G7509 Date Sampled: 8/18/89
Date Prepared: 8/21/89 Date Analyzed: 8/21/89

Compound	Concentration (milligrams/kilogram)	Detection Limit (milligrams/kilogram
Acrolein	nd	2.0
Acrylonitrile	nd	0.5
Benzene	nd	0.2
Bromodichloromethane	nd	0.2
Bromoform	nd	0.2
Carbon Tetrachloride	nd	0.2
Chlorobenzene	nd	0.2
Chloroethane	nd	0.2
2-Chloroethylvinyl Ether	nd	0.2
Chloroform	nd	0.2
Dibromochloromethane	nd	0.2
1,1-Dichloroethane	nd	0.2
1,2-Dichloroethane	nd	0.2
1,1-Dichloroethylene	nd	0.2
1,2-Dichloropropane	nd	0.2
Ethylbenzene	nd	0.2
Methyl Bromide	nd	0.2
Methyl Chloride	nd	0.2
Methylene Chloride	nd	0.2
1,1,2,2-Tetrachloroethane	nd	0.2
Tetrachloroethylene	nd	0.2
Toluene	nd	0.2
1,1,2-Trichloroethane	nd	0.2
1,2-Transdichloroethylene	nd	0.2
1,1,1-Trichloroethane	nd	0.2
Trichloroethylene	nd	0.2
Trichlorofluoromethane	nd	0.2
Vinyl Chloride	nd	0.2

nd - Not detected at listed detection limit

Analyzed by: [signature] Date: 8/23/89

Reviewed by: [signature] Date: 8/23/89

CHEMISTRY LABORATORY DATA REPORT

Soil Sample
Underground Tank Removal, Convention Center Expansion Site

A soil sample, taken on August 23, 1989 from the excavation site of an underground tank at Convention Center Expansion Site was submitted by the Geotechnical Services Section, Department of Public Works, City of Los Angeles for the determination of its total petroleum hydrocarbons (TPH), volatile petroleum hydrocarbon (VPH), and volatile organic compounds (VOC) contents.

The sample was analyzed by the Chemistry Laboratory of Laboratory and Technical Services, Power Design and Construction Division, Department of Water and Power. The methods for testing TPH, VPH, and VOC contents in soil were USEPA methods 418.1, 8015, and 8240. The test results are listed.

If you have any questions or if further information is required, please contact Mr. Stanley Kung on (213) 481-6607.

DATA

Log No.	Sample Identification	Date	ppm TPH	ppm VPH
G7509	Sample #2	8/18/89	2300	nd*

* nd - not detected, the method practical quantitation limit is 10 ppm for VPH.

Date Completed: 9/11/89
Work Order No.: IDO 000012
Job Card No.: J89884
Copies to: M. Sepahi (3)
W. W. Glauz
H. W. Rupp
T. B. Hemming
S. M. Kung
FASTRACK

Test Made by: RPG,TMH,SMK
Report by: SMK
Checked by: AEC

Approved: T. Hemming/mm
DIRECTOR
CHEMISTRY LABORATORY

CHEMISTRY LABOPRATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

1630 N. Main Street, Building 7
Los Angeles, CA 90012
(213) 481-6691 /FAX (213) 482-725

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics
EPA SW-846 Method 8240-Soil

Sample Description: Sample #2, Convention Center Expansion Site

Log Number: G7591
Date Prepared: 8/31/89

Date Sampled: 8/23/89
Date Analyzed: 8/31/89

Compound	Concentration (milligrams/kilogram)	Detection Limit (milligrams/kilogram
Acrolein	nd	2.0
Acrylonitrile	nd	0.5
Benzene	nd	0.2
Bromodichloromethane	nd	0.2
Bromoform	nd	0.2
Carbon Tetrachloride	nd	0.2
Chlorobenzene	nd	0.2
Chloroethane	nd	0.2
2-Chloroethylvinyl Ether	nd	0.2
Chloroform	nd	0.2
Dibromochloromethane	nd	0.2
1,1-Dichloroethane	nd	0.2
1,2-Dichloroethane	nd	0.2
1,1-Dichloroethylene	nd	0.2
1,2-Dichloropropane	nd	0.2
Ethylbenzene	nd	0.2
Methyl Bromide	nd	0.2
Methyl Chloride	nd	0.2
Methylene Chloride	nd	0.2
1,1,2,2-Tetrachloroethane	nd	0.2
Tetrachloroethylene	nd	0.2
Toluene	nd	0.2
1,1,2-Trichloroethane	nd	0.2
1,2-Transdichloroethylene	nd	0.2
1,1,1-Trichloroethane	nd	0.2
Trichloroethylene	nd	0.2
Trichlorofluoromethane	nd	0.2
Vinyl Chloride	nd	0.2

nd - Not detected at listed detection limit

Analyzed by: [signature] Date: 8/31/89 ET

Reviewed by: [signature] Date: 9/7/89

CHEMISTRY LABORATORY DATA REPORT

Soil Samples
Underground Tank Removal, Convention Center Expansion Site

Two soil samples, taken on September 1, 1989 from the excavation site of an underground tank at Convention Center Expansion Site was submitted by the Geotechnical Services Section, Department of Public Works, City of Los Angeles for the determination of its total petroleum hydrocarbons (TPH) content.

The samples were analyzed by the Chemistry Laboratory of Laboratory and Technical Services, Power Design and Construction Division, Department of Water and Power. The methods for measuring TPH content in soil was USEPA methods 418.1. The test results are listed.

If you have any questions or if further information is required, please contact Mr. Stanley Kung on (213) 481-6607.

DATA

Log No.	Sample Identification	Date	ppm TPH
G7899	N. end of clarifier	9/1/89	nd*
G7900	S. end of clarifier	9/1/89	705

* nd - not detected, the method practical quantitation limit is 10 ppm for TPH.

Date Completed: 9/11/89
Work Order No.: IDO 000012
Job Card No.: J89884
Copies to: M. Sepahi (3)
W. W. Glauz
H. W. Rupp
T. B. Hemming
S. M. Kung
FASTRACK

Test Made by: SMK
Report by: SMK
Checked by: AEC

Approved: T. Hemming
DIRECTOR
CHEMISTRY LABORATORY

Weck Laboratories, Inc.
14859 East Clark Avenue, Industry, California 91745-1396 (818) 336-213

Client: Containerized Chemical Disposal, Inc.
10680 Silicon Avenue
Montclair, CA 91763
714-625-6645
FAX 714-624-8471
Attn.: Mr. Matt Kerr

ID #: 9-3519 RUSH
Date: Sept. 15, 1989
Received: Sept. 15, 19
Lab #: 890915-Containe

Sample: Soil #T-2 taken by client on 09/15/89 at City of Los Angeles Convention Center.

Investigation: EPA Method 418.1; MDL 3.0 mg/kg

REPORT

Total Recoverable Petroleum HC: Not Detected < 3.0 mg/kg

Alfredo Pierri
mv

Wack Laboratories, Inc.

14859 East Clark Avenue, Industry, California 91745-1396 (818) 336-213

Client: Containerized Chemical Disposal, Inc.
10680 Silicon Avenue
Montclair, CA 91763 714-625-6645
FAX 714-624-8471

Attn.: Mr. Matt Kerr

ID #: 9-3545 RUSH
Date: Sept. 19, 1989
Received: Sept. 18, 19
Lab #: 890918-Containe

Sample: Soil #1 taken on 09/18/89 at Los Angeles Convention Center, Earth Work.

Investigation: EPA Method 8015 modified; MDL 10 mg/kg
EPA Method 418.1; MDL 3.0 mg/kg

REPORT

	mg/kg	
Client's ID	Total Petroleum HC as diesel	Total Recoverable Petroleum HC
3rd Tank	12800	29000

Alfredo Pierri
mv

Wack Laboratories, Inc.

14859 East Clark Avenue, Industry, California 91745-1396 (818)

Client: Containerized Chemical Disposal, Inc.
10680 Silicon Avenue
Montclair, CA 91763 714-625-6645
FAX 714-624-8471

Attn.: Mr. Matt Kerr

ID #: 9-3545 F
Date: Sept. 19
Received: Sept
Lab #: 890918-

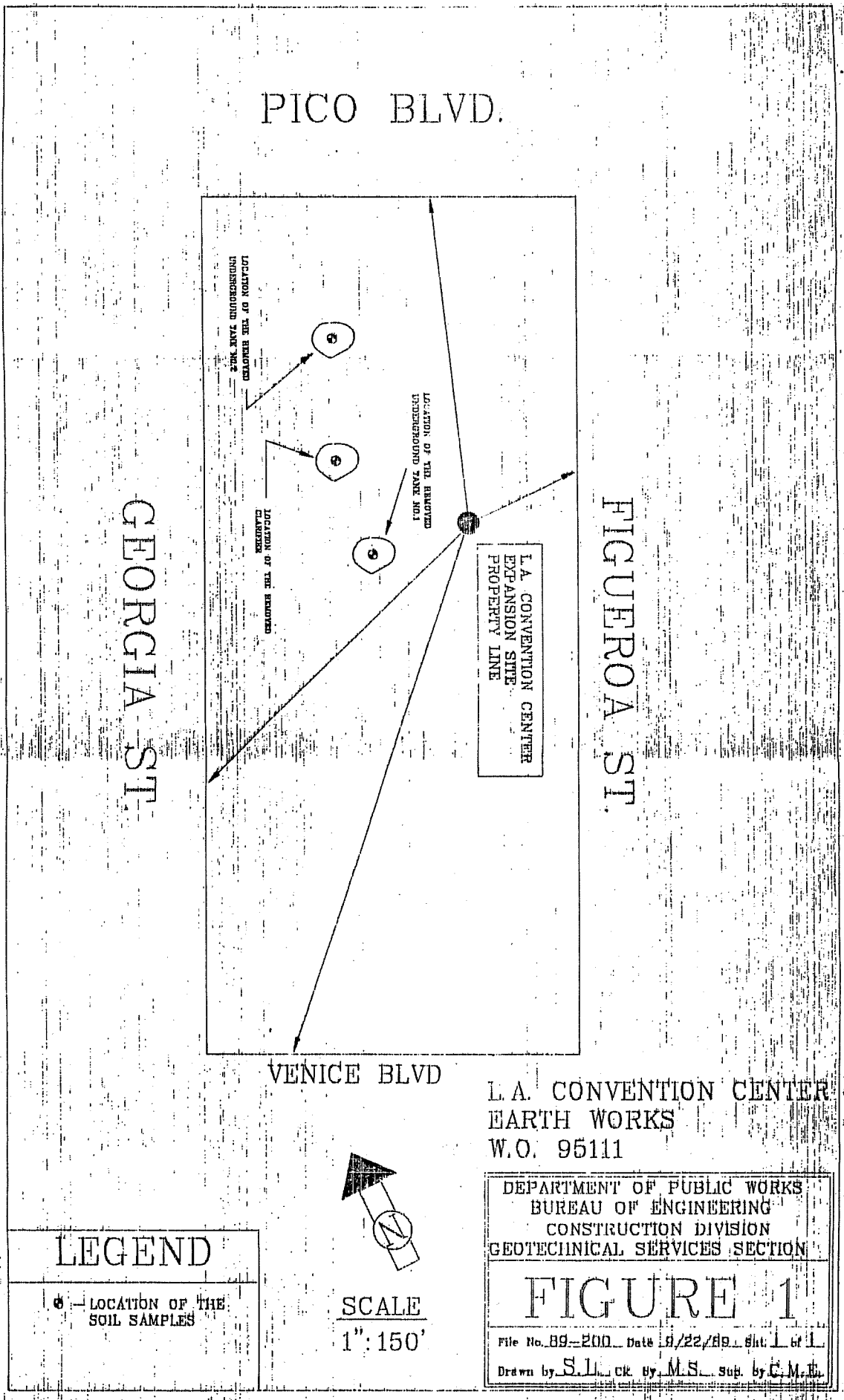
Sample: Soil #1 taken on 09/18/89 at Los Angeles Convention Center, Earth Work.

Investigation: EPA Method 8015 modified; MDL 10 mg/kg
EPA Method 418.1; MDL 3.0 mg/kg

REPORT

	mg/kg	
Client's ID	Total Petroleum HC as diesel	Total Recoverable Petroleum HC
3rd Tank	12800	29000

Alfredo Pierri
mv


PICO BLVD.
GEORGIA ST.
FIGUEROA ST.
VENICE BLVD
LOCATION OF THE REMOVED UNDERGROUND TANK NO.2
LOCATION OF THE REMOVED UNDERGROUND TANK NO.1
LOCATION OF THE REMOVED CLARIFIER
L.A. CONVENTION CENTER EXPANSION SITE PROPERTY LINE
LEGEND
LOCATION OF THE SOIL SAMPLES
SCALE
1":150'
L.A. CONVENTION CENTER
EARTH WORKS
W.O. 95111
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES SECTION
FIGURE 1
File No. 89-200 Date 9/22/89 Sht. 1 of 1
Drawn by S.L. Ck. By M.S. Sup. by C.M.E.

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

FYI
THEM
TO FILE
OCT 18 1989
UNDERGROUND TANK
ENFORCEMENT UNIT

October 18, 1989

TO: Ms. Borgie Wiklund

FROM: Fire Department

SUBJECT: Convention Center Expansion
1417 South Figueroa Street
Los Angeles, California

The Fire Department has reviewed the site assessment dated September 5, 1989, as submitted by Crosby and Overton Incorporated. Based on the information provided we accept your findings and consider this site inactive. It is important to understand that the remediation method used was not an approved method. Prior to remediation of contaminated soil you must have this Department's approval as discussed in our meeting.

If you require additional information, contact Inspector Henry Amparan, of the Underground Tank Unit, at (213) 485-7543.

Roy Mozaki

for Robert T. Teachenor, Captain II
Commander, Underground Tanks

RTT:HA:la/1277w

RECEIVED
OCT 18 1989
UNDERGROUND TANK
ENFORCEMENT UNIT

CROSBY & OVERTON, INC.
Environmental Management
1610 W. 17th Street
Long Beach, California 90813
FAX (213) 436-7540
(213) 495-4011 ▪ (213) 432-5445

SCANNED
SEP 15 2004

RECEIVED BY ENGINEERING
'89 SEP -5 P3:38

September 9, 1989

Ms. Borgia Wiklund
City of Los Angeles
Community Redevelopment Agency
354 S. Spring Street, Ste. 800
Los Angeles, CA 90013-1258

RE: Subsurface Investigation for Hydrocarbon Contamination at the "Convention Center Parcel", Los Angeles, California

On July 5, 1989 Crosby & Overton Inc. (C&O) collected a soil sample in a tank pit excavation located near 15th Street and Figueroa Street on the "Convention Center Parcel."

The soil sample was transported to West Coast Analytical Services to be analyzed for total petroleum hydrocarbons (TPH) by EPA 418.1, volatiles (EPA 8020) and total lead. Laboratory analysis revealed concentrations of TPH and volatiles well above LACFD action levels.

Because of the high concentrations of hydrocarbons present in the soil, a drilling and soil sampling program was implemented to determine the lateral and vertical extent of the hydrocarbon contamination.

On July 24th, six boreholes were drilled to a depth of 35 feet in the vicinity of the hydrocarbon plume. The project was supervised by a C&O Hydrogeologist. Soil samples were collected at 5 foot intervals with a split spoon sampler. Two of the boreholes in the vicinity of the backfill showed hydrocarbon contamination. The four "perimeter boreholes" showed no indication of contamination. The contamination appeared to have migrated approximately 33 feet.

Selected soil samples were submitted to WCAS for analysis. Laboratory analysis concurred with field observations. Samples from B-1 and B-2 showed contamination for all samples with the exception of the 35 foot sample (eg. bottom sample).

On August 1, the excavation and disposal of the hydrocarbon contaminated soil began. The City of Los Angeles Community Redevelopment Agency opted to dispose of the soil at Brent Petroleum, a recycler in the asphalt business. The soil was transported by GW Rowe under a non-hazardous waste data form (because it was destined for recycling).

Approximately 645 yards of contaminated soil was excavated from the site. During the course of the excavation, a 3 foot clay layer was noted at approximately 33 feet. It was obvious that the hydrocarbons could not penetrate the clay as it pooled on top of it.

Five soil samples (1 bottom, 4 sidewalls) were collected in the pit at the close of excavating. The samples were analyzed for hydrocarbons to confirm that the contamination had been removed in its entirety. Laboratory analysis revealed non detectable levels of TPH and volatiles for all 5 samples. Thus, the hydrocarbon plume was completely removed.

Should you have any questions or comments please do not hesitate to call me at this office.

Sincerely,

CROSBY & OVERTON INC., ENVIRONMENTAL MANAGEMENT

John Hubbard

John Hubbard
Hydrogeologist

JH:lah

July 10, 1989

WCAS
WEST COAST ANALYTICAL SERVICE, INC.
ANALYTICAL CHEMISTS

CROSBY & OVERTON, INC.
1635 Gaylord Street
Long Beach, CA 90813

Attn: John Hubbard

JOB NO. 13125

A

LABORATORY REPORT

Samples Received: Three (3) soils
Date Received: 7-5-89
Purchase Order No: 28828/Job No: G-3593

The sample was analyzed as follows:

Samples Analyzed	Analysis	Results
Three (3) soils	Fuel Hydrocarbons by modified EPA 8015 (LUFT Manual, May 1988)	Table I
Three (3) soils	Volatile Aromatics by EPA 8020	Data Sheets
Three (3) soils	Total Lead by ICPMS	Table II

Shelley Stuart
Shelley Stuart
Senior Chemist

D. J. Northington, Ph.D.
Technical Director

WEST COAST ANALYTICAL SERVICE, INC.

CROSBY & OVERTON, INC.
Mr. John Hubbard

Job # 13125
July 10, 1989

LABORATORY REPORT

TABLE I

Parts Per Million (mg/Kg)

Sample No.	Gasoline	Diesel Fuel	Kerosene	Mineral Spirits	C_{16}-C_{30} Hydrocarbons
1	1800*	ND	ND	ND	17,000
Detection Limit	50	50	50	50	500
2	ND	ND	ND	ND	ND
3	21*	ND	ND	ND	360
Detection Limit	10	10	10	10	100

ND-Not Detected

* Weathered

Date Analyzed: 7-6-89

TABLE II

Parts Per Million (mg/Kg)

Sample No.	Total Lead
1	6260****
2	21
3	32
Detection Limit	1

10X STLC Limit
**** Exceeds TTLC Limit

Date Analyzed: 7-7-89

Client: CROSBY & OVERTON EMI
Job No: 13125
Date Analyzed: 07-Jul-89
Analysis: EPA 602 (8020)

Sample: 1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1000

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1000
Toluene	18000	1000
Chlorobenzene	ND	*6000
Ethylbenzene	13000	1000
Total Xylenes	75000	1000
1,3-Dichlorobenzene	ND	*22000
1,4-Dichlorobenzene	ND	*8000
1,2-Dichlorobenzene	ND	*25000

ND-Not Detected. The limit of detection is reported above.
* Higher detection limit due to possible coelution w/ hydrocarbons.

Client: CROSBY & OVERTON EMI
Job No: 13125
Date Analyzed: 07-Jul-89
Analysis: EPA 602 (8020)

Sample: 2
Matrix: Soil
Samp Amt: 0.1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	10
Toluene	680	10
Chlorobenzene	ND	*120
Ethylbenzene	540	10
Total Xylenes	3000	10
1,3-Dichlorobenzene	ND	*30
1,4-Dichlorobenzene	ND	*40
1,2-Dichlorobenzene	ND	*400

ND-Not Detected. The limit of detection is reported above.
* Higher detection limit due to possible coelution w/ hydrocarbons.

Client: CROSBY & OVERTON EMI
Job No: 13125
Date Analyzed: 07-Jul-89
Analysis: EPA 602 (8020)

Sample: 3
Matrix: Soil
Samp Amt: 0.1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	10
Toluene	16	10
Chlorobenzene	ND	*40
Ethylbenzene	ND	10
Total Xylenes	46	10
1,3-Dichlorobenzene	ND	*400
1,4-Dichlorobenzene	ND	*200
1,2-Dichlorobenzene	ND	*300

ND-Not Detected. The limit of detection is reported above.
* Higher detection limit due to possible coelution w/ hydrocarbons.

CROSBY & OVERTON, INC.
Environmental Management
1610 W. 17th Street
Long Beach, California 90813
FAX (213) 436-7540
(213) 496-4011 • (213) 432-5445

SCANNED
SEP 15 2004

RECEIVED BY ENGINEERING
'89 SEP -5 P3:38

September 5, 1989

Ms. Borgia Wiklund
City of Los Angeles
Community Redevelopment Agency
354 S. Spring Street, Ste. 800
Los Angeles, CA 90013-1258

RE: Workplan - Site Assessment and Remediation of Hydrocarbon Contaminated Soil at "Convention Center Parcel", Los Angeles, California

In August of 1989 a new underground storage tank was discovered during grading at the "Convention Center Parcel". The location of the new tank was just west of a recent site of remediation involving the excavation of hydrocarbon contaminated soil.

Upon removing the tank, C&O collected a soil sample in the tank pit excavation. Laboratory analysis revealed concentrations of hydrocarbons greater than LACFD action levels.

It should be noted that during the excavation and removal of contaminated soil at the adjacent tank, a thick (3') clay layer was noted approximately 33 feet deep. The hydrocarbons were observed to pool on top of the clay layer. The clay is thought to underlye the new tank pit as well. Thus, it is likely that the contamination has not migrated beyond the clay (eg. 33 feet).

In this geologic situation, it would be appropriate to begin excavating the soil in lieu of a drilling program.

The soil will be transported by GW Rowe and disposed of at Brent Petroleum (a recycler).

Five soil samples (4 sidewalls, 1 bottom) will be collected at the end of the excavation. The samples will be analyzed for TPH, volatiles and lead to confirm that the contamination has been completely removed.

Should you have any questions or comments please do not hesitate to call me at this office.

Sincerely,

CROSBY & OVERTON INC., ENVIRONMENTAL MANAGEMENT

John Hubbard
Hydrogeologist

JH:lah

File. 500738
Tank # 2
Parcels 6-485
1417 S. Figueroa

August 28, 1989

RECEIVED BY ENGINEERING
'89 AUG 28 P2:05
A

CROSBY & OVERTON, INC.
1635 Gaylord Street
Long Beach, CA 90813

Attn: John Hubbard

JOB NO. 13519

LABORATORY REPORT

Samples Received: One (1) soil sample
Date Received: 8-23-89
Purchase Order No: 28920/Job No: G-3737

The sample was analyzed as follows:

Samples Analyzed	Analysis	Results
One (1) soil	Volatile Aromatics by EPA 8020	Data Sheet
One (1) soil	Organic Lead by ICPMS	Table I
One (1) soil	Total Petroleum Hydrocarbons by EPA 418.1	Table II

TABLE I

Parts Per Million (mg/Kg)

Sample No.	Organic Lead
1	16
Detection Limit	0.1

Date Analyzed: 8-24-89

Michael Shelton
Senior Chemist

D.J. Northington, Ph.D.
Technical Director

PRELIMINARY DRAFT
SUBJECT TO CHANGE

WEST COAST ANALYTICAL SERVICE, INC.

CROSBY & OVERTON, INC.
Mr. John Hubbard

Job # 13519
August 28, 1989

LABORATORY REPORT

TABLE I

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons
1	18,000
Detection Limit	10

Date Analyzed: 8-25-89

PRELIMINARY DRAFT

Client: CROSBY & OVERTON
Job No: 13519
Date Analyzed: 24-Aug-89
Analysis: EPA 602 (8020)

Sample: 1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 100

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	100
Toluene	4500	100
Chlorobenzene	ND	*800
Ethylbenzene	1400	100
Total Xylenes	8000	100
1,3-Dichlorobenzene	ND	*19000
1,4-Dichlorobenzene	ND	*6500
1,2-Dichlorobenzene	ND	*8300

ND-Not Detected. The limit of detection is reported above.
* Higher detection limit due to possible coelution w/ hydrocarbons.

PRELIMINARY DRAFT
SUBJECT TO CHANGE

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

SCANNED

SEP 15 2004

Date: August 22, 1991

To: John D. Cockayne, Division Engineer
Special Projects Division

Attention: Masoud Sepahi

From: Ronald Hale, Division Engineer
Construction Division

Subject: LOS ANGELES CONVENTION CENTER EXPANSION - 1201 S. FIGUEROA ST. - SOIL CONTAMINATION - FINAL SITE ASSESSMENT AND REMEDIATION REPORT (89-200) EXX95111

In response to a request from the Special Projects Division, attached is the supplemental site assessment and remediation report dated August 22, 1991, by Geotechnical Services. This report is intended to serve as the Site Closure report for the Los Angeles Fire Department.

If you have any questions, please call Mike Mulhern on extension 5-3805.

Attachment

MEM/pt
E:89-200.MEM

CITY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Bureau of Engineering

GEOTECHNICAL SERVICES

August 22, 1991
File 89-200

LOS ANGELES CONVENTION CENTER EXPANSION - 1201 S. FIGUEROA ST. - SOIL CONTAMINATION - FINAL SITE ASSESSMENT AND REMEDIATION REPORT
EXX95111

SCOPE

This report summarizes recent investigations of contaminated soil associated with underground storage tanks and related piping at the Los Angeles Convention Center expansion site, and presents the results of remediation. The field work was performed under the direction of the Los Angeles Fire Department (L.A.F.D.).

Sampling for this report was performed to delineate areas of contamination, establish the concentration of contaminants, provide a guide for remedial efforts of all known remaining contamination, and to confirm that such efforts were achieved. This report, therefore, may be submitted to the L.A.F.D. as a Site Closure Report.

Previous Work

The Geotechnical Services (G.S.) report dated March 29, 1991 summarized reports to date and presented a site assessment and remediation plan for Tanks 1 through 9. That report described site conditions and the removal of all known tanks as well as removal of all contaminated soil with the exception of soil beneath Tank 5. Due to the presence of heavy equipment it was not possible to remove that soil until recently. This report documents the removal of soil under Tank 5 as recommended in our previous report as well as at all other known subsurface contamination.

SITE INVESTIGATION

Sampling Methods

Three underground tanks were uncovered during excavation operations for a utility vault, herein termed Utility Vault No. 2, to distinguish it from the utility vault described in our previous report. The locations of the vault, tanks and contamination plume are shown on Figures 1 and 2. The locations, tank size and content soil contamination and clean up data are summarized in the following section entitled "Summary of Tank Data".

Soil samples were taken under the direction of a licensed City or consulting personnel (T.T.M.S., Inc.) from one to two feet beneath the removed tanks or from fresh surfaces of excavations at "worse-case" or most discolored soil locations with a clean shovel. Liquid samples from tanks were extracted with a clean glass pipette. Samples were tested with an organic vapor analyzer (OVA) in the headspace of clean glass jars or vials with teflon lids, then iced and transported to a laboratory for analysis. Chain-of-Custody protocol was followed throughout the testing procedure in compliance with the State of California Leaking Underground Fuel Tank (LUFT) Manual guideline, 1989 edition.

OVA readings from excavation surfaces were taken approximately one inch from the surface.

Laboratory Analysis

The following tests were performed by contract laboratories, which included American Analytics, Aquatic Bioassay and Consulting Laboratories, Inc. (ABC), Golden State Analytical Services, Inc., and National Environmental Testing, Inc.

Test Method	Test For
EPA 418.1	Total petroleum hydrocarbons (TPH)
EPA 8015 (Modified)	Fuel characterization (diesel, DSL, or gasoline)
EPA 8020	Benzene, toluene,ethylbenzene and xylene (BTEX)
CAM Metals	Heavy Metals
96-Hour Bioassay	Toxicity (incl. pH, hardness, alkalinity)
EPA 9045	Soil pH
Flashpoint	

The method practical quantitation limits and detection limits are listed on the attached lab sheets (Appendices, which also contain the quality control data and chain-of-custody forms).

Earth Materials and Groundwater

The soils sampled were generally fine-to-coarse- grained brown sand with scattered, lensoid rounded clasts of small pebble to cobble size. The sand was generally dry to damp, silty, and dense. Most of the soil observed is believed to be alluvium, but the local presence of brick and metal fragments indicates the presence of fill.

Groundwater was not encountered in any of the excavations nor in any of our previous borings on or adjacent to the site. The depth to groundwater (historic high level) is estimated to be at approximately 150-250 feet, based on L.A. County Flood Control District data (well data and the 1988 Costal Plain Deep Aquifer Ground Water Contour Map).

SUMMARY OF TANK DATA

Three side-by-side underground storage tanks (labeled Tanks 10, 11 and 12) were discovered on May 21, 1991 as a utility trench used to convey air-conditioning water pipes ("chiller lines") was being excavated. Upon acceptance of the "Workplan for Site Remediation... Tanks 10, 11 and 12 "by the L.A.F.D., the tanks were removed and all visibly contaminated soil was removed and analyzed. The results indicate all contamination has been removed. Excavation resumed on May 24, 1991 for the water pipe trenches.

The following table summarizes the site soil contamination and liquid content sampling activities for the tanks. All laboratory reports are copied in Appendix B-1. The remedial workplan for the tank and soil removal, verbally approved by L.A.F.D. Inspector H. Amparan, is copied in Appendix C.

Tank Number: 10, 11 and 12

Locations:	Tank 10: 30 feet S/o Pico Blvd., 200 feet E/o Cherry St. Tanks 11 and 12: 35 feet S/o Pico Blvd., 200 feet E/o Cherry St.
Tank Sizes:	12 x 13 feet, 1000 gal. approximately
Condition:	Crumbled and ruptured.

Tank Contents

Tank Content:	Soil, water, hydrocarbon product (probably oil or diesel)
OVA readings:	0 ppm
No. of Samples:	None
Odor:	None discernable

Sampling of soil under the tanks, under supervision of LAFD Inspector and tank removal

Contractor:	T.T.M.S.
Date of removal:	May 23, 1991
LAFD Inspector:	Hogan
OVA Readings:	0 to 4 ppm
Sample taken by:	T.T.M.S.
No. of Samples:	5:2 from soil stockpile of removed soil (SSP-1 and 2), 3 from approximately 10 feet below grade (SST-10, 11 and 12).
Test Results:	(See Appendix B-1) nondetect levels for test EPA 8015 M (DSL and gasoline) and EPA 8020 (BTEX)
Depth of excavation:	Approximate 10 feet below grade, which is 222 feet.
Action Taken:	Oil and water pumped into vacuum pump truck (American Oil Co., transported to Industrial Services Co, Los Angeles as a hazardous waste liquid). Entire tank and contents removed and hauled away (Appendix D contains manifests). Area considered clean following soil removal and confirming analysis.

REMEDIATION OF SOIL AT TANK 5 AREA

In late April of 1991, remediation was completed of hydrocarbon-contaminated soil from the area beneath the removed Tank 5 and towards the 27-T grid location (Figs.1 and 3). The soil had tested up to 938 TRPH and 0.23 ppm total xylene, nondetect for benzene, toluene and ethylbenzene (our March 29, 1991 report, Appendix B and C and page 8). The remedial workplan prepared by T.T.M.S., Inc. dated November 9, 1990 (Appendix C of our previous report) was approved by L.A.F.D. Inspector H. Amparan.

A backhoe under the direction of T.T.M.S. and City personnel collected 3 samples (see Appendix B-2). The soil consists of medium to coarse-grained sand with gravel and cobbles up to 5 inches in diameter. Contaminated soil had a fuel-like odor and displayed OVA readings peaking at 60 ppm in agitated soil. Depth of the excavation was 20 to 30 feet. All OVA readings were 0 ppm following completion of excavation and sampling. Approximately 50 cubic yards (cu yd) of soil was removed, stockpiled on-site under visqueen cover, then transported offsite.

The laboratory results show TRPH values of 50 to 93 ppm and nondetect for the BTEX constituents. This compares favorably with the workplan and L.A.F.D. allowable concentration level of less than 100 ppm TPH. The area is therefore considered free of significant contamination.

REMEDIATION OF SOIL IN VAULT 2 AREA

On May 23, 1991 contaminated soil was encountered as the utility trench was enlarged (Vault 2 area). Excavation was halted. OVA readings were 30 to 40 ppm at the excavation face which extended to 20 feet deep. Sample SSEX-1 (Appendix B-3) analytical results were used for profiling the waste stockpile and testing the potential toxicity of the waste soil for disposal purposes. These tests, including flashpoint, pH and 96-hour bioassay, indicated a non-hazardous waste soil.

By May 29, 1991 the eastern limit of the excavation and soil stockpiling operation apparently reached the end of the contamination plume. OVA readings taken over a 30 minute period averaged 8-10 ppm with occasional readings of up to 50 ppm as brief peaks. Clean soil was stockpiled separately from the contaminated soil. Appendix B-4, containing confirming samples "#1, 2 and 3" of Figure 2, all nondetect, demonstrates the success of the remediation, that was directed by Inspector H. Amparan.

One-sack cement slurry was used to backfill the excavation near Pico Blvd. because of compaction considerations near existing footings for a truck dock bridge. The area west of the trench was backfilled with clean sand.

The final confirming samples were taken June 3, 1991 at the base of the western portion of the remediation excavation (Samples "4,5 and 6" of Figure 2). The laboratory results (all nondetect, Appendix B-5) indicate hydrocarbon contaminants were successfully removed. Approximately 580 cu yds of soil were removed and transported by Containerized Chemical Disposal, Inc. to a recycling operation, Gibson Oil Co., as a non-hazardous waste.

SITE RISK ASSESSMENT

Spatial Analysis of Hydrocarbon Contamination and Site Conditions

Soil contaminated by petroleum hydrocarbons was observed beneath the removed Tank 5 and in the Utility Vault 2 area, including Tanks 10, 11 and 12.

Tank 5 apparently leaked diesel or waste oil, which contaminated soil to a depth of about 25 feet. Although a maximum of 938 ppm TPH had been tested, compared to an allowable level

for diesel of 1,000 ppm (leaching potential analysis, reproduced from our earlier report in Appendix A), our conservative approach was to remediate by excavation to levels below 100 ppm TPH. The laboratory results indicate this was achieved (Appendix B-1).

The Utility Vault 2 area (Fig.2) was apparently contaminated by diesel or waste oil leaking from the damaged Tanks 10, 11 and 12. Elevated OVA readings and obvious visual and olfactory detection of hydrocarbon contamination was followed by laboratory analysis of a stockpile composite; results were 130 ppm TPH, 450 ppm gasoline, and 110, 1,100, 430 and 1,700 ppb for benzene, ethylbenzene, toluene, and xylene, respectively. Testing following remediation indicated all significant hydrocarbon contamination was removed.

General Risk Appraisal

The leaching potential analysis (Appendix A) conservatively assumes a vertical conduit (the utility vault) extending about 20 feet below grade. Also assumed is coarse soil. These risk factors are favorably offset by the great depth to groundwater (150-250 feet deep), the relatively non-volatile, heavy, aliphatic nature of the hydrocarbons (degraded diesel or waste oil), and the fact that the plume had many years to stabilize. Some natural biodegradation has and will continue to lower the residual levels of hydrocarbons. In addition, our previous investigations discovered a clay layer at depth which visibly halted downward migration of hydrocarbons.

CONCLUSIONS

1) Since submittal of our March 29, 1991 site assessment and remedial plan, hydrocarbon contaminated soil around Tank 5, previously inaccessible due to construction machinery, has been reduced to levels below the allowable of 100 ppm TPH. The BTEX constituents were nondetectible.

2) Since the previous report, soil contamination was found surrounding leaking Tanks 10, 11 and 12, which were removed, and in the surrounding Vault 2 area. Soil samples from the excavated plume and below the tanks were nondetectible for TPH, EPA 8015 (gasoline and DSL) and the BTEX constituents.

3) All know tanks, clarifiers, and soil containing contaminants above allowable levels have been removed by licensed excavators, and transported and manifested by licensed haulers to the appropriate waste disposal facilities, under direction of the L.A.F.D.

4) Due to the great depth of groundwater and the relatively immobile nature of the DSL or waste oil contaminants, it is our professional opinion that groundwater has not been impacted.

5) The site has been successfully remediated and grading, construction and other activities may proceed.

REGISTERED GEOLOGIST
MICHAEL E. MULHERN
No. 1507
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Michael E. Mulhern, EG 1507, Reg. Exp. 6/30/92
Engineering Geologist II

MEM/pt
E:89-200

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CITY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Bureau of Engineering

GEOTECHNICAL SERVICES

March 29, 1991
File 89-200

LOS ANGELES CONVENTION CENTER - SOIL CONTAMINATION - SITE ASSESSMENT AND REMEDIATION REPORT EXX95111

SCOPE

This report summarizes recent investigations of underground storage tank sites and soil contamination discovered during construction-related excavation for footing and utility trenches at the Los Angeles Convention Center expansion site, and presents remedial recommendations. The report is intended to comply with Los Angeles City Fire Department (L.A.F.D.) requirements.

Sampling was performed to locate areas of detectible contamination, establish the concentration of the contaminants, provide a guide for remedial efforts, and confirm that such efforts were successfully achieved. One area (Tank 5) will require further remedial effort. A final closure report will be prepared when the remediation is complete.

Site Conditions

The site is bounded by Pico Boulevard, Venice Boulevard, Figueroa Street and The Harbor (110) Freeway. The site has been cleared of previous commercial buildings. Figure 1 depicts the location of the tanks and utility trenches.

Previous uses of the site are believed to include automotive services, which probably employed underground fuel and waste oil tanks and hydraulic hoists, as well as other unspecified commercial and possibly light industrial use. Metal and concrete underground tanks and clarifiers, some containing waste oil or sand, were found.

Previous Reports

Geotechnical Services (GS) reports dated September 1, and 28, 1989 described work plans for the removal of underground tanks and clarifiers complying with L.A.F.D. requirements; a report dated December 27, 1989 summarized the work-to-date; and a report dated January 26, 1990 described further contamination discovered during construction excavation. A report dated September 7, 1990 from this office described the field investigation for the first of the tanks that

were discovered. Appendix A contains that report and one of October 1, 1990, which summarizes activities and recommendations for the work to date. All of the tanks and clarifiers encountered to date have been removed under inspection of L.A.F.D. Most of the contaminated soil exceeding LUFT Manual guidelines was removed and disposed of by a licensed hazardous waste hauler. Hazardous waste manifests are on file in your office.

One area beneath Tank 5 could not be completely excavated due to interference by heavy machinery during construction. The work plan for the site remediation at this location has been approved of by the L.A.F.D. Upon removal of the remaining contaminated soil this office will write a final closure report.

SITE INVESTIGATION

Sampling Methods

Nine underground storage tanks and three additional areas of hydrocarbon-contaminated soil were uncovered during excavation operations during late 1990. The locations, tank size and content, soil contamination and other data are summarized in the following section entitled "Summary of Tank Data."

Soil samples were taken from one to two feet beneath removed tanks or from fresh surfaces of excavations at "worse-case" or most discolored soil locations with a clean shovel. Liquid samples from tanks were extracted with a clean glass pipette. Samples were tested with an organic vapor analyzer (OVA) in the headspace of clean glass jars or vials with teflon lids, then iced and transported to the laboratory for analysis. Chain-of-Custody protocol was followed throughout the testing procedure in compliance with the State of California Leaking Underground Fuel Tank (LUFT) Manual guidelines, 1989 edition.

Laboratory Analysis

The following tests were performed by the laboratories, which included the Department of Water and Power (DWP) Chemistry Laboratory and contract laboratories:

Test Method	Tests For
EPA 418.1	Total petroleum hydrocarbons (TPH)
EPA 8015	Volatile petroleum hydrocarbons (VPH)
EPA 8015 (Modified)	Fuel characterization (diesel, DSL)
EPA 8260, SW-846	Purgeable volatile organics
EPA 8270	Extractable semivolatile organics
EPA 8020	Benzene, toluene, ethylbenzene and xylene (BTEX)
Title 22	Metals

The method practical quantitation limits and detection limits are listed on the attached lab sheets (Appendices). Attached are also the chain-of-custody forms.

Earth Materials and Groundwater

The soils sampled were generally fine-to-coarse-grained brown sand (SW) with scattered, lensoid rounded clasts of small pebble to cobble size (GM). The sand was generally dry to damp, silty, and dense. A clayey silt layer (ML) about one foot thick was observed in the excavation near Tank 1 (Utility Vault). Most of the soil observed is believed to be alluvium, but the local presence of brick and metal fragments indicates the presence of fill.

Groundwater was not encountered in any of the excavations nor in any of our previous borings on or adjacent to the site. The depth to groundwater (historic high level) is estimated to be at approximately 150-250 feet, based on L.A. County Flood Control District data (well data and the 1988 Coastal Plain Deep Aquifer Ground Water Contour Map).

SUMMARY OF TANK DATA

The following are all of the site soil contamination and liquid content sampling activities from August 1990 to date for each tank. OVA readings are the maxima observed. All laboratory reports mentioned are copied in Appendix B, in previous reports in Appendix A, or in consultant's reports in Appendix C.

Tank Number: 1

Location:	Approx. 450' W/O Figueroa Street and Approx. 1000' S/O Pico Blvd.
Tank size:	About 500 gallons.
Condition:	Intact with a hole punched by back-hoe.

Sampling of the tank content

Sample taken by:	Geotechnical Services, City of L.A. (GS)
Tank content:	Oil/Water mixed with dirt
OVA Readings:	15 PPM
NO. of Samples:	No samples taken.
Test Results:	None.

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor:	Containerized Chemical Disposal Inc.
Date of Removal:	October 5, 1990
LAFD Inspector:	Inspector Holgin
OVA Readings:	15 PPM
Sample taken by:	GS
NO. of Samples:	3.
Test Results:	1 sample taken on 8-20-90 ("Composite, S/E Area" Sample of DWP Report dated 9/17/90 in Appendix B); 2 taken on 9-10-90 (Samples S-6 and S-7, taken from wall of excavation above a clay layer, which is at approximate elevation 202 feet, DWP report dated 9/12/90 in Appendix A in GS report dated October 1, 1990). S-6 tested 12,309 ppm TPH but nondetect for Method 8260 volatile organics.

Action Taken:	Area was condoned off prior to stockpiling of contaminated soil excavated around and below tank. Backfilled excavations with clean soil from elsewhere on site.

Tank number: 2

Location:	Approx. 600' W/O Figueroa Street and Approx. 1000' S/O Pico Blvd.
Tank size:	About 500 gallons.
Condition:	Intact

Sampling of the tank content

Sample taken by:	GS
Tank content:	Diesel/Water/Waste Oil/Solvent/Soil
OVA Readings:	10 PPM
NO. of Samples:	One (Liquid Sample No. L-1).
Test Results:	See Appendix A (DWP report 9/17/90, Sample No. L-1 in GS report dated 10/1/90; Water with 3.1% diesel plus oil).

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor:	Containerized Chemical Disposal Inc.
Date of Removal:	September 5, 1990
LAFD Inspector:	Inspector Holgin
OVA Readings:	10 PPM
Sample taken by:	GS
NO. of Samples:	1
Test Results:	See Appendix A (DWP report dated 9/7/90 for sample S-5 in GS report dated 10/1/90). DWP report dated 10/30/90 for sample S-12 is nearby in trench, but is probably not related to the tank (see Appendix B). Sample S-12 at the SW end of the visible contamination plume tested 23 ppm TPH, less than 10ppm DSL, and nondetect for Method 8260 purgeable volatiles. Sample S-5 beneath the removed tank tested nondetect on TPH, DSL, VPH and BTEX constituents.

Action Taken: Site is considered clean.

Tank number: 3

Location: Approx. 500' W/O Figueroa Street and Approx. 1000' S/O Pico Boulevard.
Tank Size: About 1,000 gallons
Condition: Intact with a small hole punched by backhoe.

Sampling of the tank content

Sample taken by: GS
Tank content: Sand-filled
OVA Readings: Zero
NO. of Samples: None
Test Results: None

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector

Contractor: Containerized Chemical Disposal Inc.
Date of Removal: 10/9/90
LAFD Inspector: Inspector Holgin
OVA Readings: 10 PPM
Sample taken by: GS
NO. of Samples: Two
Test Results: See Appendix B (DWP report dated 10-16-90; Samples S-8 and S-9). Tested a maximum of 11 ppm TPH, all nondetect for Method 8260 purgeable volatile organics.

Action Taken: Site is considered clean.

Tank number: 4

Location: Approx. 450' W/O Figueroa Street and Approx. 1000' S/O Pico Boulevard.

Tank Size: About 500 gallons.
Condition: Intact

Sampling of the tank content

Sample taken by: GS
Tank content: Waste oil/sludge
OVA Readings: None
NO. of Samples: None
Test Results: None

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: Containerized Chemical Disposal Inc.
Date of Removal: 10-9-90
LAFD Inspector: Inspector Holgin
OVA Readings: None

Sample taken by: GS
NO. of Samples: Two
Test Results: See Appendix B (DWP report dated 10/16/90; Samples S-10 and S-11). Tested a maximum of 26 ppm TPH and nondetect for Method 8260 purgeable volatile organics.

Action Taken: Site is considered clean

Tank number: 5

Location: Approx. 630' W/O Figueroa Street and 1000' S/O Pico Boulevard
Tank size: Approx. 550 gallons
Condition: Intact

Sampling of the tank content

Sample taken by: TTMS
Tank content: Waste Oil/Soil/Sludge/Solvent/Water
OVA Readings: 300-1000 PPM (Respirators worn by workers)
NO. of Samples: Two
Test Results: See Appendix B (DWP report dated 10/30/90, Sample No L-2; Sample SS-1), Appendix C (NET report dated 11-2-90, in Appendix B of TTMS report November 4, 1990, sample SS-1).

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: TTMS
Date of Removal: 10-30-90
LAFD Inspector: Inspector Smith
OVA Readings: 105 PPM
Sample taken by: TTMS
NO. of Samples: One
Test Results: See Appendix C (Sample SPT5-1 of NET report dated 11-6-90, Appendix B of TTMS report November 4, 1990).
Tested 938 ppm TRPH, nondetect B,T,E, and 0.23 ppm total xylene. Also tested nondetect for cadmium, chromium and lead using TCLP Extraction.

Action Taken: See work plan report of TTMS dated November 9, 1990, Appendix C, for remediation plan of contaminated soil, approved verbally by Insp. H. Amparan, L.A.F.D., contingent on providing a site assessment following remediation.

Tank Number: 6

Location: Approx. 280' E/O CL Cherry St. and Approx. 95' S/O Pico Boulevard
Tank Size: About 550 gallons
Condition: Intact

Sampling of the tank content

Sample taken by: TTMS
Tank content: Fresh oil
OVA Readings: 1,000 PPM
NO. of Samples: None
Test Results: None

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: TTMS
Date of Removal: 10-30-90
LAFD Inspector: Inspector Smith
OVA Readings: 20 to 55 PPM
Sample taken by: TTMS
NO. of Samples: One
Test Results: See Appendix C (SPT6-1 on 11-6-90 NET lab results, TTMS 11/11/90 report in it's Appendix 3).
TPH of 168 ppm is below 1,000 ppm action level for diesel or oil and no BTEX was detected.

Action Taken: The site is considered clean.

Tank number: 7

Location: Approx. 300' W/O Figueroa Street and 20' N/O Pico Boulevard
Tank Size: Approx. 550 gallons.
Condition: Intact

Sampling of the tank content

Sample taken by: TTMS
Tank content: Oil/Water/Sludge.
OVA Readings: 10 PPM
NO. of Samples: One
Test Results: Appendix C (TTMS report dated November 15, 1990).

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: TTMS
Date of Removal: 11-13-90
LAFD Inspector: Hogan
OVA Readings: 35 PPM
Sample taken by: TTMS
NO. of Samples: One
Test Results: Appendix C (NET report 11-15-90, in Appendix B of TTMS report dated November 15, 1990).
Tested 99 ppm TRPH; nondetect for BTEX constituents and TPH as gasoline.

Action Taken: Site considered clean

Tank number: 8

Location: Approx. 300' W/O Figueroa Street and 20' N/O Pico Boulevard
Tank Size: Approx. 550 gallons.
Condition: Intact

Sampling of the tank content

Sample taken by: TTMS
Tank content: Oil/Water/Sludge.
OVA Readings: 10 PPM
NO. of Samples: One
Test Results: Appendix C (TTMS report dated November 15, 1990).

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: TTMS
Date of Removal: 11-13-90
LAFD Inspector: Hogan
OVA Readings: 10 PPM
Sample taken by: TTMS
NO. of Samples: One
Test Results: NET report 11/8/90 (TTMS report dated November 15, 1990). (Tested 49 ppm TRPH; nondetect for BTEX constiuents and TPH as gasoline).

Action Taken: Site considered clean

Tank number: 9

Location: Approx. 300' W/O Figueroa Street and 20' N/O Pico Boulevard.
Tank Size: Approx. 550 gallon.
Condition: Intact

Sampling of the tank content

Sample taken by: TTMS
Tank content: Oil/Water/Sludge.
OVA Readings: 15 PPM.
NO. of Samples: 1
Test Results: Appendix C (TTMS report November 15, 1990).

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: TTMS
Date of Removal: 11-13-90.
LAFD Inspector: Inspector Hogan.
OVA Readings: 22 PPM.
Sample taken by: TTMS
NO. of Samples: One
Test Results: Appendix C (NET report dated 11-15-90, TTMS report November 15, 1990).
Tested 63 ppm TRPH; nondetect BTEX constituents and TPH as gasoline)

Action Taken: Site is considered clean.

SITE AND RISK ASSESSMENT

Spatial Analysis of Hydrocarbon Contamination and Site Conditions

The extent of elevated petroleum hydrocarbon soil contamination at the Convention Center Expansion observed during our investigation was centered around Tank 1 and Tank 5.

A maximum of 12,309 ppm TPH was tested in soil beneath Tank 1, but purgeable volatile organics were not detected (sample S-6), confirmed low OVA readings of oil tank contents and surrounding soil (Appendix A, nd to 15 ppm) and in the excavated sediment. The gray discolored sand with diesel odor was observed (here and elsewhere, Appendix A) to be confined above a silty clay layer as described in previous reports. Laboratory analysis of this sand in the south wall of the utility vault (Appendix A, samples S-6 and S-7) and of the excavated material ("Composite, S/E area" sample) show elevated TPH and DSL readings but low BTEX (non-detect except for one reading of 0.17 ppm xylene).

This indicates a degraded diesel, possibly with waste oil, leak from which the volatile constituents have escaped and which has been effectively trapped from further vertical migration by the clay layer. The soil stockpile results indicate the soil removal has accomplished remediation at this site; refer to Appendix B, DWP report of 11/14/90 showing a maximum of 17.4 ppm DSL and less than 10 ppm TPH remaining. The great depth to groundwater and the capping by concrete structures also negate movement of the nonvolatile hydrocarbons to the water table. According to the Los Angeles County Flood Control District Hydrologic Report, 1988-1989 edition, there are no drinking water producing wells, spreading grounds or groundwater replenishment projects nearby.

In the area of Tank 5, oil-stained sands were observed and OVA readings of freshly excavated soil were up to 105 ppm. In a single soil sample, TPH tested 938 ppm and Xylene tested 0.23 ppm. These values do not exceed the 1,000 ppm allowable level for diesel or 1.0 ppm for xylene. The tank contents indicate the leak was diesel or waste oil sludge. Although these results by themselves would not require cleanup, a conservative approach would be to excavate and dispose of the contaminated soil. This would also help determine the vertical and horizontal extent of contamination and minimize contamination left in place.

The area between Tanks 2 and 5 and adjacent utility trench excavation also contained hydrocarbon-stained soil. This is believed to be a separate spill from that of Tank 5. OVA readings of 16 to 60 ppm were registering in freshly excavated soil samples. Laboratory analysis (Appendix A, Samples S-1 through S-4) indicate a spill of degraded diesel and oil, again very low in volatile constituents. Benzene was not detected, toluene and ethlybenzene reach a maximum of 0.16 and .045 ppm respectively, and xylene, the least volatile of the BTEX group, reached maximum of 2,670 ppm. Excavation of these contaminated soils on October 23, 1990

resulted in clean up to 23 ppm TPH and less than 10 ppm DSL and nondetect all Method 8260 purgeable volatile organic constituents and Method 8270 semivolatile organics (sample S-12, in-place at the southwest limit of the trench excavation, Appendix B).

General Risk Appraisal

A leaching potential analysis has been performed using the format provided in Table 2-1 in the March 1989 version of the LUFT Manual (GS report of October 1, 1990, Appendix A). Accordingly, the allowable TPH levels are 100 ppm for gasoline, 1,000 ppm for diesel, 0.3 ppm for Benzene, 0.3 ppm for Toluene, 1.0 ppm for Xylene, and 1.0 ppm for Ethylbenzene. This analysis conservatively assumes a vertical conduit (utility vault) which is to extend approximately 25 feet below the final grade, compared to the groundwater table of 150-250 feet deep. In addition, the heavy aliphatic nature of the contamination analyzed indicates these allowable levels are conservative. It is believed the spilled oil and diesel has stabilized over many years and is likely confined within sand bodies above the noted clay layer.

CONCLUSION

1) Nine underground storage tanks were found during 1990. Soil contamination in distinct plumes was discovered beneath Tanks 1 and 5, and in an area between Tanks 2 and 5. The soil beneath all other tanks were below action levels and do not require further action.

2) All tanks and clarifiers have been removed and contaminated soil above allowable levels (including Tank 1 area and the area between Tanks 2 and 5, but not under Tank 5) were removed and disposed of under L.A.F.D. inspection and under LUFT Manual guidelines.

3) Based upon our field investigation, laboratory analysis, LUFT Manual guidelines, and conversations with the L.A.F.D, it is our professional opinion that, with the above noted exception near Tank 5, the site is considered clean of contamination from the tanks and clarifiers and no further action will be required at the site. Site grading and construction may proceed.

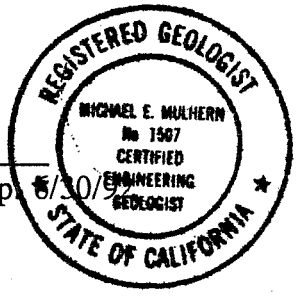
4) The area around Tank 5 should be remediated when the heavy equipment is removed. Following is the remedial work plan.

REMEDIAL ACTION PLAN

For the remedial action plan for contaminated soil beneath Tank 5, please refer to Appendix C, the November 9, 1990 report by T.T.M.S, which follows the Tank 5 removal report. The

method of the work plan, which has been approved by the L.A.F.D., will be excavation by backhoe, stockpiling and protecting the soil, employing OVA and laboratory analysis, until the allowable limits described in the Risk Assessment above have been achieved, and the manifesting of and transport of contaminated soil by a certified, licensed waste hauler to a TSDF site. A closure report will be prepared at that time.

If you have any questions please contact Mike Mulhern at (213) 485-3805, FAX (213) 225-7818



Mike E.Mulhern, EG 1507, Reg. Exp. 6/30/92
Engineering Geologist II

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FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

Date: October 1, 1990

To: John D. Cockayne
Convention Center
Construction Division
City Hall East, Room 750

RECEIVED
OCT 0 2 1990
UNDERGROUND TANK
PLAN CHECK/ENVIRO

From: Paul J. (Mike) Michalski
Engineering Geologist III
Geotechnical Services

Subject: LOS ANGELES CONVENTION CENTER - CRA AREA - SOIL CONTAMINATION-SUPPLEMENTAL REPORT FILE 89-200 EXX95111

In response to your verbal request, attached is the supplemental Geotechnical Services report dated September 20, 1990 regarding the site investigation and recommendations for the affected areas. Please note that the laboratory sheets from DWP are preliminary, unsigned results. This office will forward copies of the final reports.

If you have any questions, please call Mike Mulhern on extension 5-3805.

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CITY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Bureau of Engineering

GEOTECHNICAL SERVICES

September 20, 1990
File 89-200

LOS ANGELES CONVENTION CENTER - CRA AREA - SOIL CONTAMINATION - SUPPLEMENTAL REPORT EXX95111

SCOPE

This supplemental report summarizes recent investigations of contamination discovered during excavation of footing and utility trenches at the Los Angeles Convention Center site and provides remedial recommendations. The report is intended to comply with Los Angeles City Fire Department (LACFD) and other regulatory requirements.

Sampling was performed to locate areas of detectible contamination, establish the concentration of the contaminants, and provide a guide for remedial efforts.

DISCUSSION

Background

Geotechnical Services reports dated September 1, and 28, 1989 described removal of underground tanks and clarifiers; a report dated December 27, 1989 summarized the work-to-date; and a report dated January 26, 1990 described further contamination discovered during construction excavation. A report dated September 7, 1990 from this office described the field investigation of the first of two tanks that were recently discovered.

Sampling

Two underground tanks and three areas of hydrocarbon contaminated soil were uncovered during excavation operations in recent weeks. The grading contractor notified the Bureau of Contract Administration Inspector John Nicoloro when the tanks were found. Mr. Nicoloro contacted this office and site inspections were performed on September 5 and 10, 1990. Soil samples were taken from fresh surfaces of contaminated horizons with a clean shovel. A liquid sample was extracted from tank #2 with a clean glass pipette. All samples were tested with an Organic Vapor Analyser (OVA) in the headspace of the clean glass jars or vials, then iced and transported to the laboratory for analysis. Chain-of-custody protocol was followed throughout the investigation, in compliance with the State of California Leaking Underground Fuel Tank (LUFT) Manual guidelines, 1989 edition.

The soils sampled were medium to coarse-grained sand with scattered clasts from small pebble to cobble size. Underlying the sand in some areas (as at "tank #1) was a clayey silt layer. The presence of bricks indicates the material may be fill, although most of the soil sampled is alluvium. Groundwater was not observed in the excavations or in any of our previous borings.

Table 1 summarizes the locations and details of the samples. The "Tank #1 and #2" of this report refer to the latest two tanks discovered and are not to be confused with those so numbered in previous reports. Both of these tanks have been removed from the site following LACFD inspection on September 5, 1990.

Laboratory Analysis

The one liquid (L-1) and seven soil (S-1 through 7) samples were tested using EPA Method SW-846, 8260-soil for purgeable volatile organics, EPA Method 8270 for semivolatile organics, EPA method 418.1 for total petroleum hydrocarbons (TPH), EPA methods 8015 and 8015 (modified for diesel, DSL) for volatile petroleum hydrocarbons (VPH), and EPA Method 8020 for benzene, toluene, ethylbenzene and xylene (BTEX) constituents. The method practical quantitation limits (PQL) are 10 milligrams per kilogram (ppm) for TPH, VPH and DSL, and 20 micrograms per kilogram (ppb) for BTEX.

TABLE 1

Sample No.	Location	Comments
L-1 (Liquid)	Tank #2 (23-S), just below finished subgrade @ 222 ft. elevation.	Tank contents partially drained earlier. Black oily liquid with water and soil remaining. Tank was ruptured during excavation Tank capacity was approximately 300 gallons.
S-1 (Soil)	Northwest wall of footing excavation (27-T) at 2' deep.	Dark brown stain and oil odor in sand from 4" to bottom of pit (3'). Spreads laterally 7', esp. in cglom. layers. Bricks at 2'. OVA = 60 ppm.
S-2 (Soil)	Northeast wall of footing excavation (27-T) at 2' deep.	OVA = 25 ppm.
S-3 (Soil)	Northwest wall of Utility Trench (26-S) at 8' deep.	Sand and small pebbles, dark stain and odor. OVA = 18 ppm.
S-4 (Soil)	Northwest wall of Utility Trench (26-S) at 10' deep.	OVA = 16 ppm.
S-5 (Soil)	1 ft. beneath "Tank #2" (23-S)	OVA = not detected; Sands as above.
S-6 (Soil)	South wall of Utility vault excavation (OA - 03, 28-B), near former site of "Tank #1", 4' above the 199.5' finished subgrade.	OVA = 6 ppm for S-6 and S-7, Gray discolored sand with diesel odor overlying silty clay layer. Weathers brown.
S-7 (Soil)		
Composite, SE area	Area of "Tank #1 of this report	OVA= 1 to 15 ppm. 500 gallon tank. Odor, corroded metal fragments and stained soil in area-tank removed prior to sampling.

Most soil samples tested well above the detection limits for (TPH), VPH and DSL, the ratios of which suggest a degraded, oxidized diesel fuel. The BTEX analysis corroborates this, as the more volatile benzene was not detected but increasing quantities of toluene, ethylbenzene and xylene indicate the more volatile constituents have evaporated. The semivolatile organics present, generally in small quantities, are believed to be derived from diesel fuel as well.

SITE ASSESSMENT

The recent field and laboratory tests indicate that hydrocarbon contamination, chiefly diesel fuel with some heavier oils, is present. Previous use of the site is believed to be for automotive services, including underground fuel and waste oil tanks and hydraulic hoists. The coarse soils have facilitated vertical migration of contaminants but clayey and silty strata have interrupted flow and allowed horizontal movement. This has been observed in excavations (at the 0A-03, 28-B area there was no detectible contamination beneath a one-foot thick silty layer at about the 203 foot elevation).

Groundwater was not encountered in our investigations and is not believed to be impacted by the contaminants. The depth to groundwater is approximately 150-175 feet according to the geologic literature.

Table 2-1 is a Leaching Potential analysis for fuel from the 1989 LUFT Manual (Appendix A). The allowable level for DSL is 1000 ppm and for xylene is 1.0 ppm. Table 2-3, an Environmental Fate Worksheet, was completed for the highest concentrations found for DSL and xylene, which indicate that cleanup is necessary for these constituents.

The volume and depth of excavation required is unknown at this time, but the roughly circular area from 1 to 15 feet below existing finished grade and about 30 feet in diameter indicates a volume of approximately 240 cubic yards in the footing (27-T) and adjacent utility trench (26-S) areas.

REMEDIATION RECOMMENDATIONS

A) Footing (27-T) and Utility Trench (26-S) Areas:

1) To assure that all hydrocarbon-contaminated soil above the action levels is removed, such soil indicated by discoloration, petroleum/diesel odor or an OVA reading exceeding ambient background levels by 10 ppm should be excavated under the direction of a Geotechnical Services geologist who will confirm the required depth of excavation upon receipt of analytical results of samples. The allowable level for DSL is 1000 ppm; for XYL is 1 ppm. The City Inspector and/or project management representative shall also be present during excavation.

2) The excavated soil should be stockpiled at the existing stockpile area, which is protected with plastic sheet liner, profiled, and hauled away by a licensed transporter to an acceptable landfill. Samples will be taken according to LUFT Manual guidelines, iced, and taken to the laboratory for analysis, properly documented on a chain of custody form. For disposal purposes, the class of landfill accepting soil with the specified THP or DSL concentrations is as follows: Class I (hazardous) >1000 ppm; Class III < 1000 but > 100 ppm. Sampling and laboratory analysis will therefore be required prior to transportation from the project site.

   Haul receipts, manifests and other procedures shall be according to City, State and Federal regulations covering the handling and disposal of hazardous or toxic materials.

3) Reform and recompact footings with clean import or native soil with less than 1000 ppm DSL content.

B) South Wall of Utility Vault Excavation:

1) Removal will be accomplished during later construction activities, following the above guidelines.

2) For the safety of workers during forming of the concrete vault footings and walls, a low permeability, barrier such as plastic sheeting or shot-crete, should be applied and secured. It is advisable to periodically test the air in the vicinity of construction near the wall with an OVA. Geotechnical Services can perform this monitoring on a regular basis upon request.

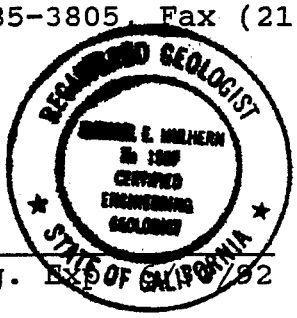
C) Beneath "Tank 2" (23-S):

The soil sampled is below the action levels and no remediation is required.

D) Beneath and Adjacent to "Tank 1" (AO-03,28-B):
Contaminated soil shall be removed according to guidelines in (A) above.

E) A final report will follow after laboratory results confirm that the site remediation has been accomplished.

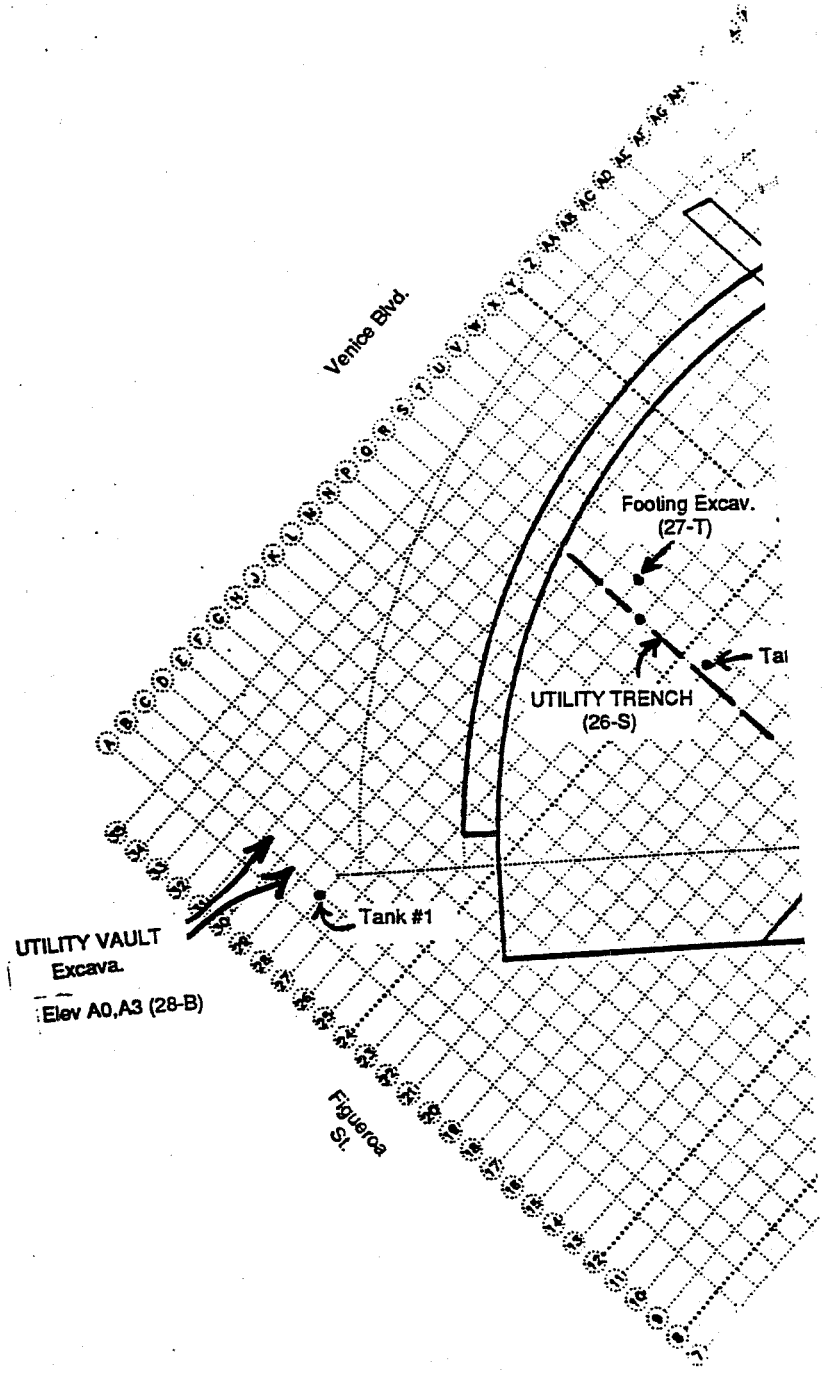
If you have any questions or to schedule field inspections, please contact Mike Mulhern at (213) 485-3805, Fax (213) 225-7818.



Michael E. Mulhern, EG 1507, Reg. Exp. 6/30/92
Engineering Geologist II

CC: John Nicoloro - Inspector, Contract Administration
Henry Amparan - Inspector, Los Angeles Fire Department, Underground Tank Unit, City Hall East, Room 920

RH/MEM/pt
A:89-200.DOC


Venice Blvd.
Footing Excav.
(27-T)
UTILITY TRENCH
(26-S)
Tank #1
UTILITY VAULT
Excava.
Elev A0,A3 (28-B)
Figueroa
St.

Appendix A

Tables 2-1 and 2-3

LUFT Manual Worksheets

Table 2-1
Leaching Potential Analysis for Gasoline and Diesel
Using Total Petroleum Hydrocarbons(TPH)
and Benzene, Toluene, Xylene and Ethylbenzene (BTX&E)

The following table was designed to permit estimating the concentrations of TPH and BTX&E that can be left in place without threatening ground water. Three levels of TPH and BTX&E concentrations were derived (from modeling) for sites which fall into categories of low, medium or high leaching potential. To use the table, find the appropriate description for each of the features. Score each feature using the weighting system shown at the top of each column. Sum the points for each column and total them. Match the total points to the allowable BTX&E and TPH levels.

SITE FEATURE	SCORE	SCORE 10 PTS IF CONDITION IS MET	SCORE	SCORE 9 PTS IF CONDITION IS MET	SCORE	SCORE 5 PTS IF CONDITION IS MET
Minimum Depth to Ground Water from the Soil Sample (feet)	10	>100 (150-175')		51-100		25-50\1
Fractures in subsurface (applies to foothills or mountain areas)	10	None		Unknown		Present
Average Annual Precipitation (inches)		<10	9	10-25		26-40\2
Man-made conduits which increase vertical migration of leachate		None		Unknown	5	Present Utility Trench & Vault
Unique site features: recharge area, coarse soil, nearby wells, etc		None	9	At least one Coarse Soil		More than one
COLUMN TOTALS→TOTAL PTS	20	+	18	+	5	= 43
RANGE OF TOTAL POINTS	49pts or more		41 - 48 pts		40pts or less	
MAXIMUM ALLOWABLE B/T/X/E LEVELS (PPM)	1/50/50/50		.3/.3/1/1 300 ppb		NA\3	
MAXIMUM ALLOWABLE TPH LEVELS (PPM) GASOLINE	1000		100		10	
MAXIMUM ALLOWABLE TPH LEVELS (PPM) DIESEL	10000		1000		100	

\1 If depth is greater than 5 ft. and less than 25 ft., score 0 points.
If depth is 5 ft. or less, this table should not be used.

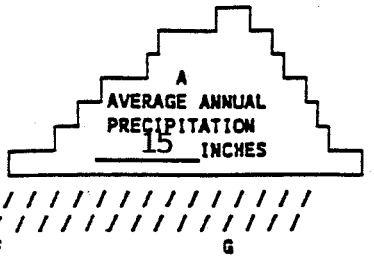
\2 If precipitation is over 40 inches, score 0 points.

\3 Levels for BTX&E are not applicable at a TPH concentration of 10ppm (gasoline) or 100ppm (diesel) (For explanation see step 6, page 27.)

TABLE 2-3

ENVIRONMENTAL FATE WORKSHEET FOR DSL (FUEL CONSTITUENT)

Composite, SE Area
L.A. Convention Center



B	C		D	E	F	G
DISTANCE FROM SURFACE TO GROUND WATER	DISTANCE FROM SAMPLE TO SURFACE		DISTANCE FROM SAMPLE TO GROUND WATER	CUMULATIVE CONTAMINATION LEVELS C.C.L.	ACCEPTABLE CONTAMINATION LEVELS	CLEANUP? YES IF E > F NO IF E ≤ F
150 ft +				SOIL SURFACE		
	1 ft	SAMPLE 1	149 ft +	SAMPLE 1 24200 ppm = C.C.L. 1 24200	1000	X yes ___ no
	5ft ___ ft	SAMPLE 2	___ ft	C.C.L. 1 + SAMPLE 2 ___ ppm = C.C.L. 2 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 3	___ ft	C.C.L. 2 + SAMPLE 3 ___ ppm = C.C.L. 3 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 4	___ ft	C.C.L. 3 + SAMPLE 4 ___ ppm = C.C.L. 4 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 5	___ ft	C.C.L. 4 + SAMPLE 5 ___ ppm = C.C.L. 5 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 6	___ ft	C.C.L. 5 + SAMPLE 6 ___ ppm = C.C.L. 6 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 7	___ ft	C.C.L. 6 + SAMPLE 7 ___ ppm = C.C.L. 7 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 8	___ ft	C.C.L. 7 + SAMPLE 8 ___ ppm = C.C.L. 8 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 9	___ ft	C.C.L. 8 + SAMPLE 9 ___ ppm = C.C.L. 9 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 10	___ ft	C.C.L. 9 + SAMPLE 10 ___ ppm = C.C.L. 10 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 11	___ ft	C.C.L. 10 + SAMPLE 11 ___ ppm = C.C.L. 11 ___	___	___ yes ___ no
	5ft ___ ft	SAMPLE 12	___ ft	C.C.L. 11 + SAMPLE 12 ___ ppm = C.C.L. 12 ___	___	___ yes ___ no

GROUND WATER

ft = feet ppm = parts per million

* NOTE: CONCENTRATIONS FOR ANY SINGLE SOIL SAMPLE CANNOT EXCEED 100ppm FOR BENZENE, 80ppm FOR TOLUENE, 40ppm FOR XYLENE AND 40ppm FOR ETHYLBENZENE IN ORDER TO BE USED WITH THE GENERAL RISK APPRAISAL.
THE LAST SAMPLE TO BE INCLUDED IN THE CALCULATIONS FOR CUMULATIVE CONTAMINATION MUST BE AT OR ABOVE THE DETECTION LIMIT; DO NOT INCLUDE BOTTOM SAMPLES WHICH HAVE CONCENTRATIONS LESS THAN THE DETECTION LIMIT.

TABLE 2-3

ENVIRONMENTAL FATE WORKSHEET FOR XYL (FUEL CONSTITUENT)

S-1

L.A. Convention Center

A
AVERAGE ANNUAL PRECIPITATION 15 INCHES

B DISTANCE FROM SURFACE TO GROUND WATER	-	C DISTANCE FROM SAMPLE TO SURFACE	=	D DISTANCE FROM SAMPLE TO GROUND WATER	E CUMULATIVE CONTAMINATION LEVELS C.C.L.	F ACCEPTABLE CONTAMINATION LEVELS	G CLEANUP? YES IF E > F NO IF E ≤ F
150 ft ±		2 ft		148 ft ±	SAMPLE 1 2.67 ppm = C.C.L. 1 2.67	1.0	X yes __ no
		5ft, ___ft		___ft	C.C.L. 1 + SAMPLE 2 ___ppm = C.C.L. 2 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 2 + SAMPLE 3 ___ppm = C.C.L. 3 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 3 + SAMPLE 4 ___ppm = C.C.L. 4 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 4 + SAMPLE 5 ___ppm = C.C.L. 5 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 5 + SAMPLE 6 ___ppm = C.C.L. 6 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 6 + SAMPLE 7 ___ppm = C.C.L. 7 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 7 + SAMPLE 8 ___ppm = C.C.L. 8 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 8 + SAMPLE 9 ___ppm = C.C.L. 9 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 9 +SAMPLE 10 ___ppm =C.C.L. 10 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 10 +SAMPLE 11 ___ppm =C.C.L. 11 ___		__yes __no
		5ft, ___ft		___ft	C.C.L. 11 +SAMPLE 12 ___ppm =C.C.L. 12 ___		__yes __no

SOIL SURFACE

SAMPLE 1 … SAMPLE 12

GROUND WATER

ft = feet ppm = parts per million

* NOTE: CONCENTRATIONS FOR ANY SINGLE SOIL SAMPLE CANNOT EXCEED 100ppm FOR BENZENE, 80ppm FOR TOLUENE, 40ppm FOR XYLENE AND 40ppm FOR ETHYLBENZENE IN ORDER TO BE USED WITH THE GENERAL RISK APPRAISAL. THE LAST SAMPLE TO BE INCLUDED IN THE CALCULATIONS FOR CUMULATIVE CONTAMINATION MUST BE AT OR ABOVE THE DETECTION LIMIT; DO NOT INCLUDE BOTTOM SAMPLES WHICH HAVE CONCENTRATIONS LESS THAN THE DETECTION LIMIT.

Appendix B

Laboratory Results

(Preliminary)

CHEMISTRY LABORATORY DATA REPORT
(Page 2 of 2)

Report of GC/MS Analysis for Semivolatile Organics in Water Sample
EPA SW-846 Method 8270

Sample Description: Los Angeles Convention Center
Sample No. L-1

Sample Log Number: G11591
Date Extracted: 9/6/90

Date Sampled: 9/6/90
Date Analyzed: 9/6/90

Compound	Concentration (ug/g)	Detection Limit (ug/g)
Di-n-octylphthalate	nd	1
Fluoranthene	nd	1
Fluorene	nd	1
Hexachlorobenzene	nd	1
Hexachlorobutadiene	nd	1
Hexachlorocyclopentadiene	nd	1
Hexachloroethane	nd	1
Indeno(1,2,3-cd)pyrene	nd	1
Isophorone	nd	1
2-Methylnaphthalene	nd	1
2-Methylphenol	67	1
4-Methylphenol	60	1
Naphthalene	19	1
2-Nitroaniline	nd	1
3-Nitroaniline	nd	1
4-Nitroaniline	nd	1
Nitrobenzene	nd	1
2-Nitrophenol	nd	10
4-Nitrophenol	nd	10
N-Nitrosodiphenylamine	nd	10
N-Nitroso-di-n-propylamine	nd	10
Pentachlorophenol	nd	5
Phenanthrene	3	1
Phenol	558	5
Pyrene	nd	5
1,2,4-Trichlorobenzene	nd	5
2,4,5-Trichlorophenol	nd	10
2,4,6-Trichlorophenol	nd	10

nd - not detected at listed detection limit

Analyzed by: Rose Gentallan RG Date: 9/7/90

Reviewed by: Stanley Kung SK Date: 9/7/90

Attachment 2

CHEMISTRY LABORATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

1630 N. Main Street, Building 7
Los Angeles, CA 90012
(213) 481-6691 /FAX (213) 482-7

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics
EPA SW-846 Method 8260-Soil

Sample Description: Los Angeles Convention Center
Sample No. L-1

Sample Log Number: G11591
Date Prepared: 9/6/90

Date Sampled: 9/6/90
Date Analyzed: 9/6/90

Compound	CAS No.	Concentration (ug/g)	Detection Lir (ug/g)
Acetone	67-64-1	nd	1.0
Benzene	71-43-2	nd	1.0
Bromodichloromethane	75-27-4	nd	1.0
Bromoform	75-25-2	nd	1.0
Carbon tetrachloride	56-23-5	nd	1.0
Chlorobenzene	108-90-7	nd	1.0
Chloroethane	75-00-3	nd	1.0
Chloroethylvinyl Ether	110-75-8	nd	1.0
Chloroform	67-66-3	nd	1.0
Dibromochloromethane	124-38-1	nd	1.0
Dibromomethane	74-95-3	nd	1.0
1,1-Dichloroethane	75-34-3	nd	1.0
1,2-Dichloroethane	107-06-2	nd	1.0
1,1-Dichloroethene	75-35-4	nd	1.0
trans-1,2-Dichloroethene	156-60-5	nd	1.0
1,2-Dichloropropane	78-87-5	nd	1.0
1,3-Dichloropropylene	542-75-6	nd	1.0
Ethylbenzene	100-41-1	nd	1.0
Methyl Bromide	74-83-9	nd	1.0
Methyl Chloride	74-87-3	nd	1.0
Methylene Chloride	75-09-2	nd	1.0
1,1,2,2-Tetrachloroethane	79-34-5	nd	1.0
Tetrachloroethene	127-18-4	nd	1.0
Toluene	108-88-3	nd	1.0
1,1,2-Trichloroethane	79-00-5	nd	1.0
1,1,1-Trichloroethane	71-55-6	nd	1.0
Trichloroethene	79-01-6	nd	1.0
Trichlorofluoromethane	75-69-4	nd	1.0
Vinyl Chloride	75-01-4	nd	1.0

nd - Not detected at listed detection limit

Analyzed by: Rose Gentallan Date: 9/7/90

Reviewed by: Stanley Kung Date: 9/7/90

Attachment 3

LABORATORY AND TECHNICAL SERVICES
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

1630 N. Main Street, Building 7
Los Angeles, CA 90012
(213) 481-6691 /FAX (213) 482-7259

CHEMISTRY LABORATORY DATA REPORT
(Page 1 of 2)

Report of GC/MS Analysis for Semivolatile Organics in Soil Sample
EPA SW-846 Method 8270

Sample Description: Los Angeles Convention Center
Sample No. L-1

Sample Log Number: G11591
Date Extracted: 9/6/90

Date Sampled: 9/6/90
Date Analyzed: 9/6/90

Compound	Concentration (ug/g)	Detection Limit (ug/g)
Acenaphthene	nd	1
Acenaphthylene	nd	1
Anthracene	4	1
Benzo(a)anthracene	nd	1
Benzo(b,k)anthracene	nd	1
Benzo(g,h,i)anthracene	nd	1
Benzo(b)fluoranthene	nd	1
Benzo(k)fluoranthene	nd	1
Benzo(g,h,i)perylene	nd	1
Benzo(a)pyrene	nd	1
Benzyl alcohol	nd	1
Bis(2-chloroethoxy)methane	nd	1
Bis(2-chloroethyl)ether	nd	1
Bis(2-chloroisopropyl)ether	nd	1
Bis(2-ethylhexyl)phthalate	nd	1
4-Bromophenyl-phenylether	nd	1
Butylbenzylphthalate	nd	1
4-Chloroaniline	nd	1
2-Chloronaphthalene	nd	1
4-Chloro-3-Methylphenol	nd	1
2-Chlorophenol	nd	1
4-Chlorophenyl-phenylether	nd	1
Chrysene	nd	1
Dibenz(a,h)anthracene	nd	1
Dibenzofuran	nd	1
Di-n-Butylphthalate	nd	1
1,3-Dichlorobenzene	nd	1
1,4-Dichlorobenzene	nd	1
1,2-Dichlorobenzene	nd	1
2,4-Dichlorophenol	nd	1
Diethylphthalate	nd	5
2,4-Dimethylphenol	21	5
Dimethylphthalate	nd	5
4,6-Dinitro-2-methylphenol	nd	10
2,4-Dinitrophenol	nd	10
2,4-Dinitrotoluene	nd	10
2,6-Dinitrotoluene	nd	

DEPARTMENT OF WATER & POWER
CITY OF LOS ANGELES
POWER SYSTEM

Supplement 4 Report No. C 5887
Page 1 of 1
W/Attachments

CHEMISTRY LABORATORY DATA REPORT

Site Investigation
Underground Tank Removal, Convention Center Expansion Site

Six samples, taken on September 5, 1990 from the excavation site of an abandoned underground tank at Convention Center Expansion Site were submitted by the Geotechnical Services Section, Department of Public Works, City of Los Angeles for the determination of their purgeable volatile organics (PVO), semi-volatile organics (SVO), total petroleum hydrocarbons (TPH), volatile petroleum hydrocarbons (VPH), diesel (DSL) and BTEX contents. The BTEX are benzene (BEN), toluene (TOL), ethyl benzene (EBZ) and xylenes (XYL).

The samples were analyzed by the Chemistry Laboratory of Laboratory and Technical Services, Power Design and Construction Division, Department of Water and Power. The methods for measuring TPH PVO, SVO, VPH, DSL and BTEX contents in soil were adapted from EPA methods 418.1, 8260, 8270, 8015, 8015 (modified) and 8020 as listed in the California LUFT manual. The method practical quantitation limits (PQL) are 10 micrograms per kilogram (ppm) for TPH, VPH and DSL, and 20 micrograms per kilogram (ppb) for BTEX. The organic layer in the liquid sample (L-1, G11591) was found to contain 3.1 percent diesel. The test results are attached.

If you have any questions or if further information is required, please contact Mr. Stanley Kung at (213) 481-6607.

Log No	Sample	Date Analyzed	ppm DSL	ppm TPH	ppm VPH	ppb BEN	ppb TOL	ppb EBZ	ppb XYL
G11592	S-1	9/6/90	10800	372000	150	nd*	16	45	2670
G11593	S-2	9/6/90	2460	36500	106	nd	nd	nd	54
G11594	S-3	9/6/90	2090	32000	58	nd	nd	nd	18
G11595	S-4	9/6/90	1400	36700	1400	nd	nd	nd	190
G11596	S-5	9/6/90	nd	nd	nd	nd	nd	nd	nd

* nd - not detected

Date Completed: 9/7/90
Work Order No.: IDO 000012
Job Card No.: J89884
Copies to: M. Mulhern(3)
H. W. Rupp
T. B. Hemming
S. M. Kung
R. P. Gentallan

Test Made by: RPG,LNK,TMH,KH
Report by: R. Gentallan
Reviewed by:
Checked by:

Approved: _____
T. B. Hemming
Director of
Chemistry laboratory

DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES
POWER SYSTEM

Supplement 5 Report No. C 5887
Page 1 of 1
W/Attachments

CHEMISTRY LABORATORY DATA REPORT

Site Investigation
Underground Tank Removal, Convention Center Expansion Site

Two samples, taken on September 10, 1990 from the excavation site of an abandoned underground tank at Convention Center Expansion Site were submitted by the Geotechnical Services Section, Department of Public Works, City of Los Angeles for the determination of their purgeable volatile organics (PVO), semi-volatile organics (SVO), and total petroleum hydrocarbons (TPH).

The samples were analyzed by the Chemistry Laboratory of Laboratory and Technical Services, Power Design and Construction Division, Department of Water and Power. The methods for measuring TPH PVO and SVO contents in soil were adapted from EPA methods 418.1, 8260 and 8270 as listed in the California LUFT manual. The method practical quantitation limit (PQL) for TPH is 10 micrograms per kilogram (ppm). The test results are attached.

If you have any questions or if further information is required, please contact Mr. Stanley Kung at (213) 481-6607.

Log No	Sample	Date Analyzed	ppm TPH
G11621	S-6	9/10/90	12309
G11622	S-7	9/10/90	3826

Date Completed: 9/12/90
Work Order No.: IDO 000012
Job Card No.: J89884
Copies to: M. Mulhern(3)
H. W. Rupp
T. B. Hemming
S. M. Kung
R. P. Gentallan

Test Made by: RPG, LNK
Report by: R. Gentallan
Reviewed by:
Checked by:

Approved: _____
DIRECTOR
CHEMISTRY LABORATORY

CHEMISTRY LABORATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

1630 N. Main Street, Bldg 7
Los Angeles, CA 90012
(213) 481-6691 /FAX (213) 482-7259

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics
EPA SW-846 Method 8260-Soil

Sample Description: Los Angeles Convention Center
Sample No. S-6

Sample Log Number: G11621
Date Prepared: 9/10/90

Date Sampled: 9/10/90
Date Analyzed: 9/10/90

Compound	CAS No.	Concentration (ug/g)	Detection Limit (ug/g)
Acetone	67-64-1	nd	1.0
Benzene	71-43-2	nd	1.0
Bromodichloromethane	75-27-4	nd	1.0
Bromoform	75-25-2	nd	1.0
Carbon tetrachloride	56-23-5	nd	1.0
Chlorobenzene	108-90-7	nd	1.0
Chloroethane	75-00-3	nd	1.0
Chloroethylvinyl Ether	110-75-8	nd	1.0
Chloroform	67-66-3	nd	1.0
Dibromochloromethane	124-38-1	nd	1.0
Dibromomethane	74-95-3	nd	1.0
1,1-Dichloroethane	75-34-3	nd	1.0
1,2-Dichloroethane	107-06-2	nd	1.0
1,1-Dichloroethene	75-35-4	nd	1.0
trans-1,2-Dichloroethene	156-60-5	nd	1.0
1,2-Dichloropropane	78-87-5	nd	1.0
1,3-Dichloropropylene	542-75-6	nd	1.0
Ethylbenzene	100-41-1	nd	1.0
Methyl Bromide	74-83-9	nd	1.0
Methyl Chloride	74-87-3	nd	1.0
Methylene Chloride	75-09-2	nd	1.0
1,1,2,2-Tetrachloroethane	79-34-5	nd	1.0
Tetrachloroethene	127-18-4	nd	1.0
Toluene	108-88-3	nd	1.0
1,1,2-Trichloroethane	79-00-5	nd	1.0
1,1,1-Trichloroethane	71-55-6	nd	1.0
Trichloroethene	79-01-6	nd	1.0
Trichlorofluoromethane	75-69-4	nd	1.0

nd - Not detected at listed detection limit

Analyzed by: Rose Gentallan RG Date: 9/11/90

Reviewed by: Stanley Kung SK Date: 9/11/90

Attachment :

LABORATORY AND TECHNICAL SERVICES
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

1630 N. Main Street, Building 7
Los Angeles, CA 90012
(213) 481-6691 /FAX (213) 482-725

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Semivolatile Organics in Soil Sample
EPA SW-846 Method 8270

Sample Description: Los Angeles Convention Center
Sample No. S-6

Sample Log Number: G11621 Date Sampled: 9/10/90
Date Extracted: 9/10/90 Date Analyzed: 9/10/90

Compound	Concentration (ug/g)	Detection Limit (ug/g)
Acenaphthene	nd	1
Acenaphthylene	nd	1
Anthracene	nd	1
Benzo(a)anthracene	nd	1
Benzo(b,k)anthracene	nd	1
Benzo(g,h,i)anthracene	nd	1
Benzo(b)fluoranthene	nd	1
Benzo(k)fluoranthene	nd	1
Benzo(g,h,i)perylene	nd	1
Benzo(a)pyrene	nd	1
Benzyl alcohol	nd	1
Bis(2-chloroethoxy)methane	nd	1
Bis(2-chloroethyl)ether	nd	1
Bis(2-chloroisopropyl)ether	nd	1
Bis(2-ethylhexyl)phthalate	nd	1
4-Bromophenyl-phenylether	nd	1
Butylbenzylphthalate	nd	1
4-Chloroaniline	nd	1
2-Chloronaphthalene	nd	1
4-Chloro-3-Methylphenol	nd	1
2-Chlorophenol	nd	1
4-Chlorophenyl-phenylether	nd	1
Chrysene	nd	1
Dibenz(a,h)anthracene	nd	1
Dibenzofuran	nd	1
Di-n-Butylphthalate	nd	1
1,3-Dichlorobenzene	nd	1
1,4-Dichlorobenzene	nd	1
1,2-Dichlorobenzene	nd	1
2,4-Dichlorophenol	nd	1
Diethylphthalate	nd	1
2,4-Dimethylphenol	nd	5
Dimethylphthalate	nd	5
4,6-Dinitro-2-methylphenol	nd	5
2,4-Dinitrophenol	nd	10
2,4-Dinitrotoluene	nd	10
2,6-Dinitrotoluene	nd	10

CHEMISTRY LABORATORY DATA REPORT
(Page 2 of 2)

Report of GC/MS Analysis for Semivolatile Organics in Water Sample
EPA SW-846 Method 8270

Sample Description: Los Angeles Convention Center
Sample No. S-6

Sample Log Number: G11621
Date Extracted: 9/10/90

Date Sampled: 9/10/90
Date Analyzed: 9/10/90

Compound	Concentration (ug/g)	Detection Limit (ug/g)
Di-n-octylphthalate	nd	1
Fluoranthene	nd	1
Fluorene	nd	1
Hexachlorobenzene	nd	1
Hexachlorobutadiene	nd	1
Hexachlorocyclopentadiene	nd	1
Hexachloroethane	nd	1
Indeno(1,2,3-cd)pyrene	nd	1
Isophorone	nd	1
2-Methylnaphthalene	nd	1
2-Methylphenol	nd	1
4-Methylphenol	nd	1
Naphthalene	nd	1
2-Nitroaniline	nd	1
3-Nitroaniline	nd	1
4-Nitroaniline	nd	1
Nitrobenzene	nd	10
2-Nitrophenol	nd	10
4-Nitrophenol	nd	10
N-Nitrosodiphenylamine	nd	10
N-Nitroso-di-n-propylamine	nd	5
Pentachlorophenol	nd	1
Phenanthrene	nd	5
Phenol	nd	5
Pyrene	nd	5
1,2,4-Trichlorobenzene	nd	10
2,4,5-Trichlorophenol	nd	10
2,4,6-Trichlorophenol	nd	10

nd - not detected at listed detection limit

Analyzed by: Rose Gentallan RG Date: 9/11/90

Reviewed by: Stanley Kung SK Date: 9/11/90

CHEMISTRY LABORATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

1630 N. Main Street, Building 7
Los Angeles, CA 90012
(213) 481-6691 /FAX (213) 482-7259

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics
EPA SW-846 Method 8260-Soil

Sample Description: Los Angeles Convention Center
Sample No. S-7

Sample Log Number: G11622
Date Prepared: 9/10/90

Date Sampled: 9/10/90
Date Analyzed: 9/10/90

Compound	CAS No.	Concentration (ug/g)	Detection Limit (ug/g)
Acetone	67-64-1	nd	1.0
Benzene	71-43-2	nd	1.0
Bromodichloromethane	75-27-4	nd	1.0
Bromoform	75-25-2	nd	1.0
Carbon tetrachloride	56-23-5	nd	1.0
Chlorobenzene	108-90-7	nd	1.0
Chloroethane	75-00-3	nd	1.0
Chloroethylvinyl Ether	110-75-8	nd	1.0
Chloroform	67-66-3	nd	1.0
Dibromochloromethane	124-38-1	nd	1.0
Dibromomethane	74-95-3	nd	1.0
1,1-Dichloroethane	75-34-3	nd	1.0
1,2-Dichloroethane	107-06-2	nd	1.0
1,1-Dichloroethene	75-35-4	nd	1.0
trans-1,2-Dichloroethene	156-60-5	nd	1.0
1,2-Dichloropropane	78-87-5	nd	1.0
1,3-Dichloropropylene	542-75-6	nd	1.0
Ethylbenzene	100-41-1	nd	1.0
Methyl Bromide	74-83-9	nd	1.0
Methyl Chloride	74-87-3	nd	1.0
Methylene Chloride	75-09-2	nd	1.0
1,1,2,2-Tetrachloroethane	79-34-5	nd	1.0
Tetrachloroethene	127-18-4	nd	1.0
Toluene	108-88-3	nd	1.0
1,1,2-Trichloroethane	79-00-5	nd	1.0
1,1,1-Trichloroethane	71-55-6	nd	1.0
Trichloroethene	79-01-6	nd	1.0
Trichlorofluoromethane	75-69-4	nd	1.0

nd - Not detected at listed detection limit

Analyzed by: Rose Gentallan RG Date: 9/11/90

Reviewed by: Stanley Kung SK Date: 9/11/90

LABORATORY AND TECHNICAL SERVICES
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

1630 N. Main Street, Building 7
Los Angeles, CA 90012
(213) 481-6691 /FAX (213) 482-725

CHEMISTRY LABORATORY DATA REPORT
(Page 1 of 2)

Report of GC/MS Analysis for Semivolatile Organics in Soil Sample
EPA SW-846 Method 8270

Sample Description: Los Angeles Convention Center
Sample No. S-7

Sample Log Number: G11622 Date Sampled: 9/10/90
Date Extracted: 9/10/90 Date Analyzed: 9/10/90

Compound	Concentration (ug/g)	Detection Limit (ug/g)
Acenaphthene	nd	1
Acenaphthylene	nd	1
Anthracene	nd	1
Benzo(a)anthracene	nd	1
Benzo(b,k)anthracene	nd	1
Benzo(g,h,i)anthracene	nd	1
Benzo(b)fluoranthene	nd	1
Benzo(k)fluoranthene	nd	1
Benzo(g,h,i)perylene	nd	1
Benzo(a)pyrene	nd	1
Benzyl alcohol	nd	1
Bis(2-chloroethoxy)methane	nd	1
Bis(2-chloroethyl)ether	nd	1
Bis(2-chloroisopropyl)ether	nd	1
Bis(2-ethylhexyl)phthalate	nd	1
4-Bromophenyl-phenylether	nd	1
Butylbenzylphthalate	nd	1
4-Chloroaniline	nd	1
2-Chloronaphthalene	nd	1
4-Chloro-3-Methylphenol	nd	1
2-Chlorophenol	nd	1
4-Chlorophenyl-phenylether	nd	1
Chrysene	nd	1
Dibenz(a,h)anthracene	nd	1
Dibenzofuran	nd	1
Di-n-Butylphthalate	nd	1
1,3-Dichlorobenzene	nd	1
1,4-Dichlorobenzene	nd	1
1,2-Dichlorobenzene	nd	1
2,4-Dichlorophenol	nd	1
Diethylphthalate	nd	1
2,4-Dimethylphenol	nd	5
Dimethylphthalate	nd	5
4,6-Dinitro-2-methylphenol	nd	5
2,4-Dinitrophenol	nd	10
2,4-Dinitrotoluene	nd	10
2,6-Dinitrotoluene	nd	10

CHEMISTRY LABORATORY DATA REPORT

(Page 2 of 2)

Report of GC/MS Analysis for Semivolatile Organics in Water Sample
EPA SW-846 Method 8270

Sample Description: Los Angeles Convention Center
Sample No. S-7

Sample Log Number: G11622
Date Extracted: 9/10/90

Date Sampled: 9/10/90
Date Analyzed: 9/10/90

Compound	Concentration (ug/g)	Detection Limit (ug/g)
Di-n-octylphthalate	nd	1
Fluoranthene	nd	1
Fluorene	nd	1
Hexachlorobenzene	nd	1
Hexachlorobutadiene	nd	1
Hexachlorocyclopentadiene	nd	1
Hexachloroethane	nd	1
Indeno(1,2,3-cd)pyrene	nd	1
Isophorone	nd	1
2-Methylnaphthalene	nd	1
2-Methylphenol	nd	1
4-Methylphenol	nd	1
Naphthalene	nd	1
2-Nitroaniline	nd	1
3-Nitroaniline	nd	1
4-Nitroaniline	nd	1
Nitrobenzene	nd	10
2-Nitrophenol	nd	10
4-Nitrophenol	nd	10
N-Nitrosodiphenylamine	nd	10
N-Nitroso-di-n-propylamine	nd	5
Pentachlorophenol	nd	1
Phenanthrene	nd	5
Phenol	nd	5
Pyrene	nd	5
1,2,4-Trichlorobenzene	nd	10
2,4,5-Trichlorophenol	nd	10
2,4,6-Trichlorophenol	nd	

nd - not detected at listed detection limit

Analyzed by: Rose Gentallan RG Date: 9/11/90

Reviewed by: Stanley Kung SK Date: 9/11/90

DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES
POWER SYSTEM

Supplement 6 Report No. C 5629
Page 1 of 1

CHEMISTRY LABORATORY DATA REPORT

Site Investigation
Underground Tank Removal, Convention Center Expansion Site

A composite sample of soil, taken on August 20, 1990 from the excavation site of an abandoned underground tank at Convention Center Expansion Site was submitted by the Geotechnical Services Section, Department of Public Works, City of Los Angeles for the determination of total petroleum hydrocarbons (TPH), volatile petroleum hydrocarbons (VPH), diesel (DSL) and BTEX contents. The BTEX are benzene (BEN), toluene (TOL), ethyl benzene (EBZ) and xylenes (XYL).

This sample was analyzed by the Chemistry Laboratory of Laboratory and Technical Services, Power Design and Construction Division, Department of Water and Power. The methods for measuring TPH, VPH, DSL and BTEX contents in soil were adapted from USEPA methods 418.1, 8015, 8015(mod) and 8020 as listed in the California LUFT manual. The method practical quantitation limits (PQL) for TPH, VPH and DSL are 10 milligrams per kilogram (ppm), and for BTEX are 5 micrograms per kilogram (ppb). The test results are listed below.

If you have any questions or if further information is required, please contact Mr. Stanley Kung at (213) 481-6607.

DATA

Log No	Sample	Date Analyzed	ppm TPH	ppm DSL	ppm VPH	ppb BEN	ppb TOL	ppb EBZ	ppb XYL
G11492	Composite, S/E Area	8/27/90	15100	24200	845	nd*	nd	nd	172

* nd - not detected.

Date Completed: 9/17/90
Work Order No.: IDO 000012
Job Card No.: J89884
Copies to: M. Mulhern(3)
H. W. Rupp
T. B. Hemming
S. M. Kung

Test Made by:TMH,KH,LNK
Report by: SMK
Checked by:

Approved: _____
T. B. Hemming
Director of
Chemistry laboratory

FORM GEN. 160 (Rev. 6-80)

Enforcement

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

June 3, 1993

TO: John D. Cockayne, Department of Public Works, Bureau of Engineering, Geotechnical Section

Attention: Mr. Glen Ito

FROM: Fire Department

SUBJECT: LOS ANGELES CONVENTION CENTER
1301 SOUTH FIGUEROA STREET
LOS ANGELES, CALIFORNIA

The Fire Department has reviewed the report dated February 1993, as submitted by Department of Public Works, Bureau of Engineering, Geotechnical Section.

Based on the information provided, this Department has determined that no further action is required at this time.

If you require additional information from the Los Angeles City Fire Department, contact Inspector Henry J. Amparan, of the Underground Tank Plan Check Unit, at (213) 485-7543.

Jim N. Digrado

Jim N. Digrado, Captain I
Commander, Underground Tank Plan Check Unit

JND:HJA:1a:6050w

ENVIRONMENTAL ENGINEERING

T.T.M.S. INC.

RECEIVED
MAY - 3 1993
UNDERGROUND TANK
PLAN CHECK/ ENVIRO

DEPARTMENT OF GENERAL SERVICES
CITY OF LOS ANGELES

REMOVAL OF UNDERGROUND STORAGE TANKS

FOR:

LOS ANGELES CONVENTION CENTER
1301 S. FIGUEROA ST.
LOS ANGELES, CALIFORNIA 90015

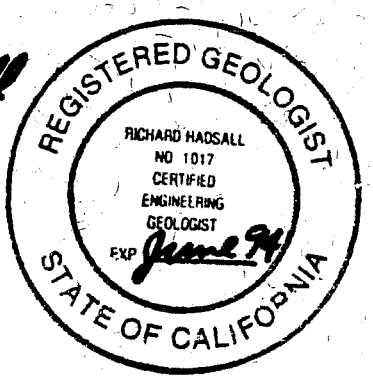
FEBRUARY 1993

Hamid Reza Assadi, R.E.A.
Project Manager



SCANNED
DEC 20 2004

Richard Hadsall, R.G.
Registered Geologist



5701 W. SLAUSON AVE., SUITE #140, CULVER CITY, CA 90230 (310) 568-8290 · (800) 660-TTMS

Printed on Recycled Paper.

REMOVAL OF UNDERGROUND STORAGE TANK

LOS ANGELES CONVENTION CENTER
1301 S. FIGUEROA ST.
LOS ANGELES, CA. 90015

Prepared For

City of Los Angeles
Fire Department
200 North Main St.
Los Angeles Ca. 90012

Prepared By

TTMS INC
100 Corporate Point, Suite 220
Culver City, California 90230
Phone: (310) 568-8290

February 1993

TABLE OF CONTENTS

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1.	Executive Summary	1
2.	Site Description	2
3.	Groundwater Depth	2
4.	Field Operations and Observations	2
5.	Laboratory Analysis	4
6.	Conclusions	5
7.	Recommendations	5
8.	Disclaimer	6

APPENDICES

A. Figures

B. Permits

C. Laboratory Results and Chain of Custody Report

D. Uniform Hazardous Waste Manifests and Certificates

E. Site Safety Plan and Site Work Plan

F. Standard Sampling Procedures

1. EXECUTIVE SUMMARY

TTMS Inc., was retained by the Los Angeles Convention Center to remove one (1) 500 gallon underground storage tank which had contained gasoline located at 1301 S. Figueroa St., Los Angeles, California 90015. (All related maps and plans are in Appendix A).

Permits were obtained from the City of Los Angeles Fire Department (Ref #2875) (copies of which are enclosed in appendix B). Once the appropriate permits were obtained Dig Alert (Ref #485-544) and South Coast Air Quality Management District S.C.A.Q.M.D. (Ref #EB-93-0123) were notified, and excavation work began on February 16, 1993. The tank was fully exposed and excavated. The excavation was completed in accordance with the provisions made in T.T.M.S work plans.

Fill lines were exposed and the site was prepared for tank removal. The hydrocarbon emission levels were continuously monitored and logged in every 15 minutes during excavation.

On February 16, 1993 the tank was pressure washed and decontaminated and a LEL reading of zero (0) was obtained. All associated fluids were pumped and transported by American Oil Company to an approved T.S.D.F. (Industrial Service Company). The tank was certified "non-hazardous" by an industrial hygienist (CTL Environmental Services), and was removed under the supervision of Inspector Hogan of the City of Los Angeles Fire Department. The tank was transported on February 17, 1993 to D.W. Russel Co. for destruction (Manifests, Certificates and Supporting Documents are in Appendix D).

After the removal of the tank from the excavation, under the supervision of Inspector Hogan of City of Los Angeles Fire Department, one (1) soil sample was taken from two (2) feet beneath the tank and one (1) sample was taken from two (2) feet within the surface at the stockpiled soil. Samples were sent to American Analytics Laboratories. Three tests, EPA 8020 BTXE, 8015m (gas) and 7420, were run on samples #SST1C and #SSSP1C. Soil samples did not indicated the presence of contamination at the tank removal site (see Appendix C).

2. SITE DESCRIPTION

The site is currently part of the Los Angeles Convention Center Expansion. The tank was an abandoned gasoline tank located at 1301 S. Figueroa St., Los Angeles, California 90015. One (1) 500 gallon underground storage tank which contained gasoline was located at the site. The top of the tank was 4 feet below the surface.

Figure 2. in Appendix A shows the location of the tank.

3. GROUNDWATER CONDITIONS

According to records made available by the Los Angeles County, Department of Public Works, Groundwater Recharge and Water Quality Section, Hydraulic Water Conservation Division, the nearest wells to the site are 2746, 2735A and 2737A (shown in Table 1). These measurements were made on 12-18-72, 04-18-84 and 04-10-78 respectively.

Table 1: Groundwater Information

WELL NUMBER	GROUND SURFACE ELEVATION	WATER SURFACE ELEVATION	GROUND SURFACE TO WATER SURFACE (feet)
2746	242.3	97.2	145.1
2735A	232.6	95.4	137.2
2737A	224.0	-50.0	274.0

4. FIELD OPERATIONS AND OBSERVATIONS

On February 16, 1993 the tank was exposed. During the excavation work, emission levels were monitored for levels of volatile hydrocarbon contamination. An OVA (Gastech 1314) was used for this purpose. Field monitoring did not reveal contamination in the soil above and adjacent to the tank.

The result of soil monitoring during the excavation at different depths are shown in Table 2.

Table 2 : The Results of Field Monitoring

TIME	LOCATION OF READING	OVA READING (ppm)
15:00 am	3" Above the Soil at Tank Excavation	ND
15:15 am	" " " " " "	ND
15:30 am	" " " " " "	ND
15:45 am	" " " " " "	ND
16:00 pm	" " " " " "	ND
16:15 pm	" " " " " "	ND
16:30 pm	" " " " " "	
	End of Excavation @ 1620	

ND: Not Detectable

Instrument used: Gastech 1314 Date Calibrated: February 7, 1993

Logged By: George Valdespino Job Address: 1301 S. Figueroa
Los Angeles Ca.
90015

Date: February 16, 1993

All associated fluids were transported by American Oil to a recycling facility (Industrial Service Company). See Appendix C for certificate of disposal.

A hand auger was used to drill to the depth of two (2) feet below the surface. Soil samples were taken from underneath the tank (#SST1C) and at the stockpiled soil (#SSSP1C). Undisturbed soil samples were extracted inside 3" long, 2" OD sampling tubes and placed inside a steel spoon sampler. A steel spoon sampler was placed inside each borehole created by the hand auger and driven by a thirty pound hammer to retrieve the undisturbed samples at the sampling locations.

After the sampling operation, the sampling tubes were removed from the sampler. One set of samples were prepared for shipment to the laboratory (Chain of Custody and lab results in Appendix C). The ends of the sampling tubes were lined with aluminum foil and capped with plastic end caps. The tubes were then wrapped with plastic tape to reduce the possibility of volatilization (See Appendix G for Standard Soil Sampling Procedure). Duplicate soil samples extracted were field monitored. The results of the field monitoring of duplicated soil samples are shown in Table 3.

Table 3: Results of field monitoring of duplicate soil samples.

SAMPLE NUMBER	LOCATION OF SAMPLE	OVA READING (ppm)
SST1C	CENTER OF 500 GALLON TANK	ND
SSSP1C	CENTER OF STOCKPILED SOIL	ND

ND: Not Detected

Following the sampling process the samples were placed in an ice chest with blue ice and sent to a state certified environmental laboratory, American Analytics, for analysis.

Visual and olfactory inspection of the samples did not indicate the presence of contamination.

5. LABORATORY ANALYSES

The samples were analyzed by the modified EPA method 8015 m(Gas), 8020 for Benzene, Toluene, Xylene and Ethylbenzene, and 7420. The results of the laboratory analyses did not indicate presence of contamination at the tank removal location (see Appendix C).
Sample #SST1C was extracted two (2) feet beneath the center of the removed 500 gallon gasoline tank and #SSSP1C was extracted from the stockpiled soil (as selected by Inspector Hogan of of L.A.F.D. Underground Tank Unit). Sample #SSSP1C indicated background levels of total lead at 18 ppm. The analyticals from other samples obtained at the tank location do not indicate the excavation to be contaminated at above action levels.

Table 4A: Results of Laboratory Analyses of Soil Samples for EPA 8015m(Gas) and 7420.

SAMPLE NUMBER	8015m(Gas)(PPM)	7420(PPM)
SST1C	ND	ND
SSSP1C	ND	18

Table 4B: Results of Laboratory Analyses of Soil Samples for EPA 8020 BTXE.

SAMPLE NUMBER	BENZENE (ppb)	TOLUENE (ppb)	XYLENE (ppb)	ETHYLBENZENE (ppb)
SST1C	ND	ND	ND	ND
SSSP1C	ND	ND	ND	ND

ND: Not Detected

6. Conclusions

Based upon the laboratory analysis, visual, olfactory and field monitoring results there was no contamination present at this site due to unauthorized releases from the tank or the appurtenant piping.

7. Recommendations

Based upon the laboratory analysis and field observations no unauthorized releases from the tank or the appurtenant piping have had occurred and therfore **no** remedial action is recommended.

8. DISCLAIMER

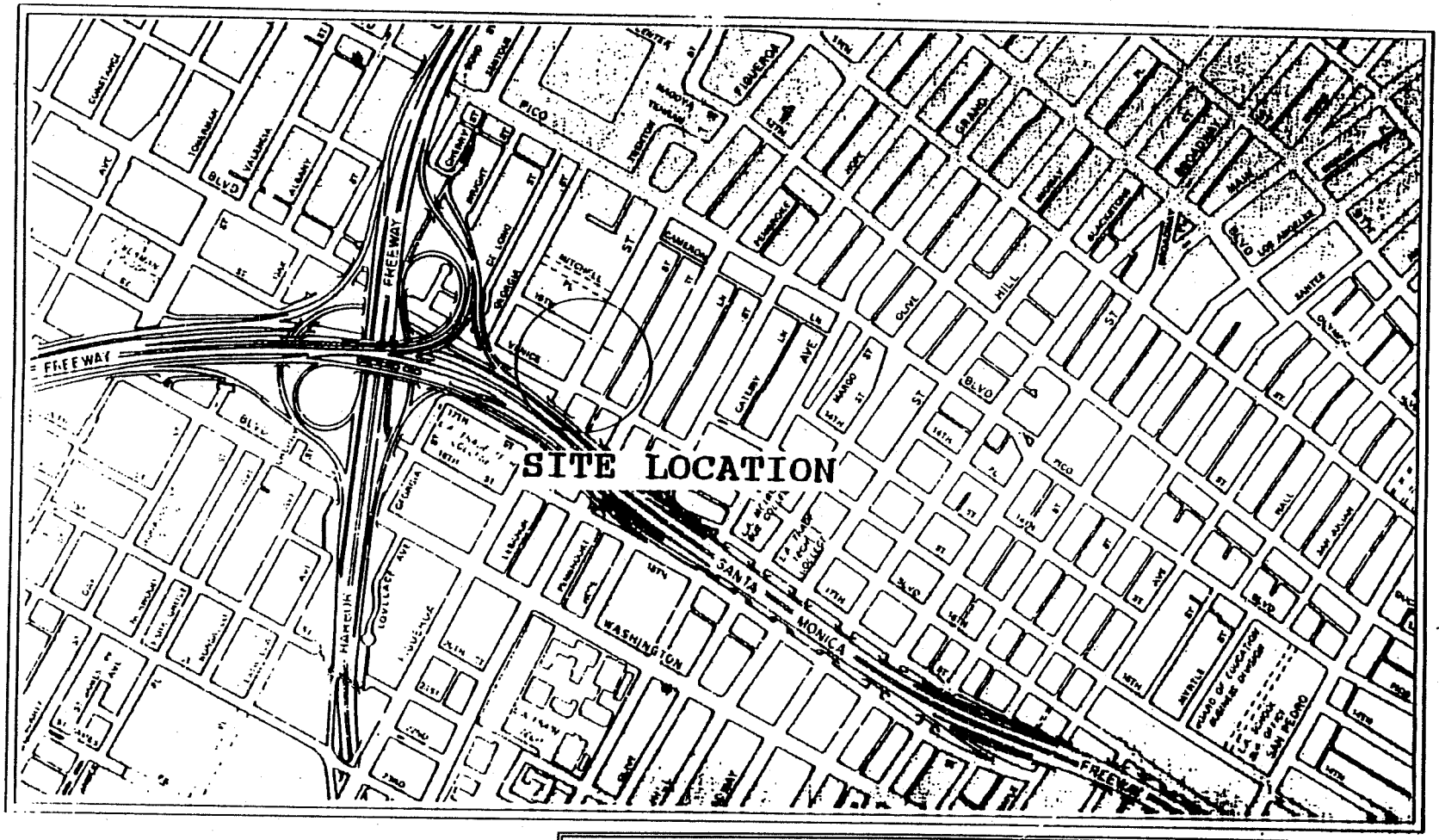
All properties are subject to some environmental risks. These risks cannot be eliminated completely. Many commercial and industrial properties that were developed prior to the enactment of modern environmental laws are particularly prone to risks associated with environmental hazards which include, but are not limited to materials or wastes which might be toxic, ignitable, corrosive or reactive. The identification or mitigation of the potential environmental hazards from the work that has been performed or prior to the development or redevelopment of the property can lead to the reduction or elimination of the impact of the environmental hazards on the use of the property. In some cases, it is not possible to ascertain that hazardous materials/wastes are present on the property prior to development.

No warranty, expressed or implied, of any kind is made or intended in connection with this report, or by any other oral or written statement.



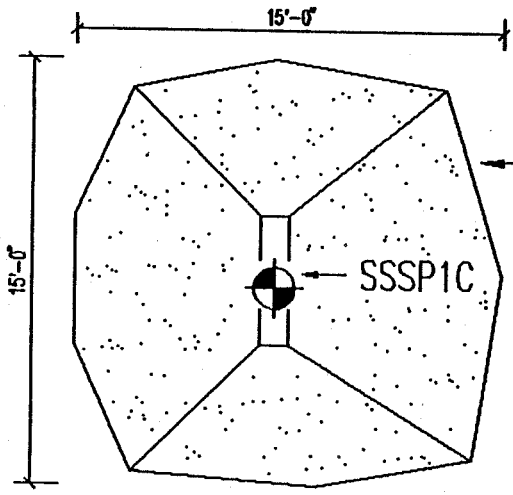
Hamid Reza Assadi
Vice President

APPENDIX A



SITE PLAN: SHOWING LOCATION OF SITE		**T.T.M.S.** **100 CORPORATE POINT #220** **CULVER CITY, CA. 90230** **(310) 568-8290**
SCALE: SEE PLAN	**DATE:** MARCH 1993	
SITE: CONVENTION CENTER 1301 S. FIGUEROA ST. LOS ANGELES, CA. 90015		**JOB NO.** 11906 / **DRAWING NO.** 1.

CONVENTION CENTER EXPANSION
PERIMETER PUBLIC IMPROVEMENTS W.O.EXX-9511
STREET
500 GAL. FUEL TANK
MATCH LINE
SEE SHEET 7
CONSTRUCTION 7/1/90
35+00.00
Curb Line
EXIST 20" DWP MH
EXIST 8" W/O
EXIST 12" W/O
EXIST 6" W/O
EXIST 3" GAS
EXIST 4" GAS
EXIST 2" GAS
EXIST 3" GAS
EXIST 4" GAS
EXIST 6" GAS
EXIST 8" GAS
EXIST 12" GAS
EXIST 16" GAS
EXIST 20" GAS
EXIST 24" GAS
EXIST 30" GAS
EXIST 36" GAS
EXIST 42" GAS
EXIST 48" GAS
EXIST 54" GAS
EXIST 60" GAS
EXIST 66" GAS
EXIST 72" GAS
EXIST 78" GAS
EXIST 84" GAS
EXIST 90" GAS
EXIST 96" GAS
EXIST



LOCATION OF
STOCK PILE

NORTH

NEW CURB LINE

SST1C

OLD CURB LINE

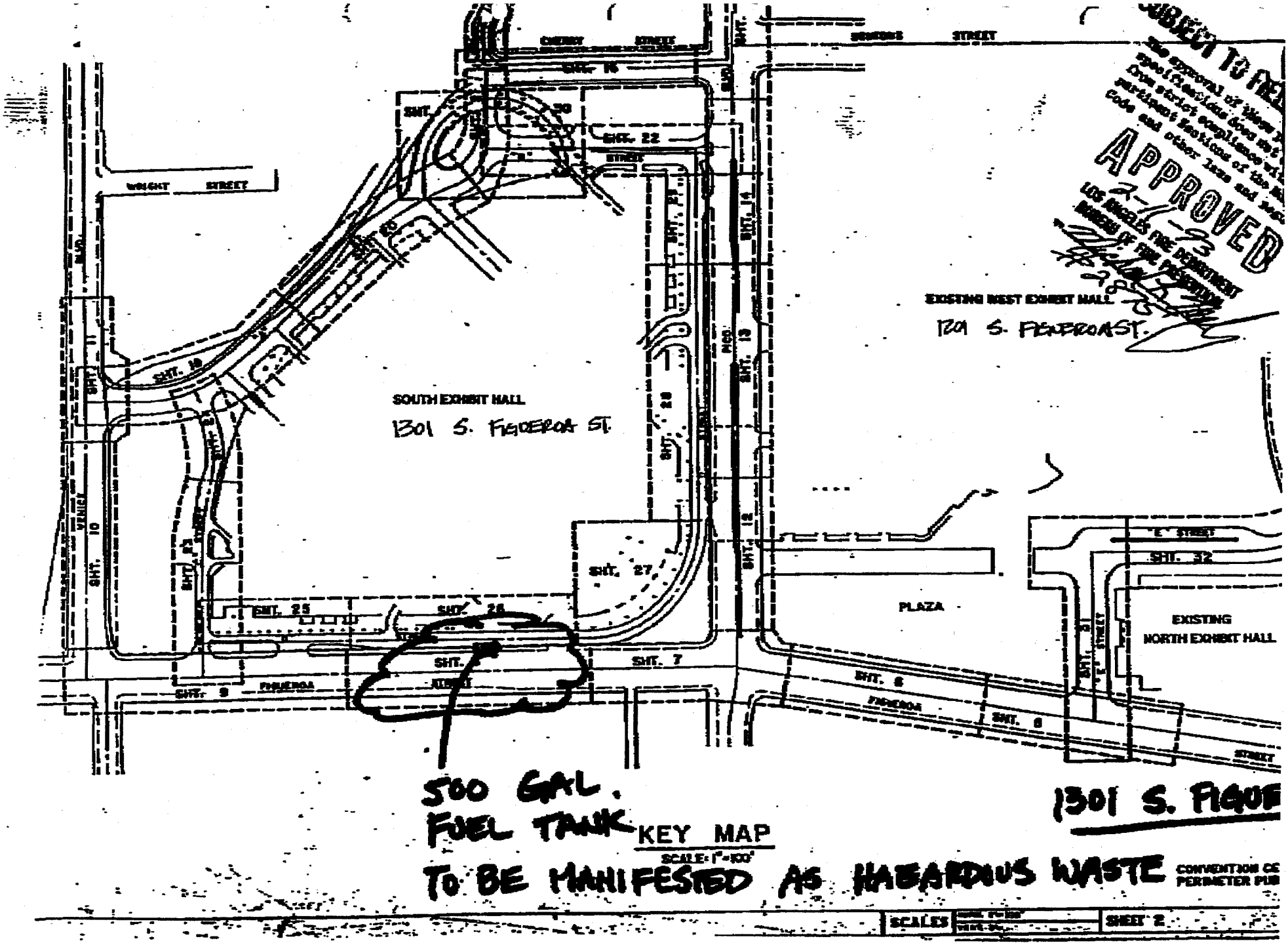
CENTER LINE OF STREET

FIGUEROA STREET

LOCATION OF SAMPLES

PLAN: SHOWING LOCATION OF SAMPLES		T.T.M.S. 100 CORPORATE POINTE SUITE #220 CULVER CITY, CA 90230 1-(800)-660-TTMS	
SITE: L.A. CONVENTION CENTER 1301 S. FIGUEROA ST. LOS ANGELES, CA			
DATE:	REV.1	SCALE: SEE PLAN	JOB # 11906.00
REV.1	REV.3		DWG # 3

APPENDIX B


SUBJECT TO
APPROVED
EXISTING WEST EXHIBIT HALL
1201 S. FIGUEROA ST.
SOUTH EXHIBIT HALL
1301 S. FIGUEROA ST.
PLAZA
EXISTING
NORTH EXHIBIT HALL
WRIGHT STREET
SHEET 10
SHEET 11
SHEET 12
SHEET 13
SHEET 14
SHEET 15
SHEET 16
SHEET 17
SHEET 18
SHEET 19
SHEET 20
SHEET 21
SHEET 22
SHEET 23
SHEET 24
SHEET 25
SHEET 26
SHEET 27
SHEET 28
SHEET 29
SHEET 30
SHEET 31
SHEET 32
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6
SHEET 7
SHEET 8
SHEET 9
FIGUEROA
E STREET
500 GAL.
FUEL TANK
TO BE MANIFESTED AS HAZARDOUS WASTE
1301 S. FIGUE
KEY MAP
SCALE: 1"=100'
SCALES
SHEET 2

DIV. 4 - 714 / 715 # 007946-64 LAFD # 2405 Fire Station District # 10 Field Office HOGAN

F-200

FIRE DEPARTMENT—CITY OF LOS ANGELES

APPLICATION FOR PERMIT—ATMOSPHERIC UNDERGROUND TANK(S)

Reg. No. 2875

Date 2/11/93

PLEASE TYPE OR PRINT:

Name of Owner: CITY OF LOS ANGELES, CONVENTION CENTER DEPT. DICK WALSH, GENERAL MANAGER	Doing Business As: LOS ANGELES CONVENTION CENTER
Address of Owner: 1201 S. FIGUEROA ST., LOS ANGELES, CA. 90015	Owner's Phone: (213) 741-1151
Address of Site: 1301 S. FIGUEROA ST., LOS ANGELES, CA. 90015	Phone of Installation: (213) 749-5011
Contractor's Name: ENVIRONMENTAL ENG. TTHS INC.	
Address: 5701 W. SLAUSON AVE # 140 CULVER CITY State: CA. Zip: 90230 Contact: HAMID ASSADI	
Signature of Applicant: FOR ROBERT HORII CITY ENGINEER	Title: CIVIL ENGINEER
	Contractor's Phone: (213) 748-1297

QTY.	ITEM	I.D. NO(S)	FEE
☒ 1	UGT/S ABANDONMENT BY REMOVAL 1 - 500 GAL UNDERGROUND FUEL TANK	EPA # CAD 981631716 State Contractor Type / # 579579 City Business # 599254 -31	Exempt—Div. 4 - 714 / 715
☐	UGT/S ABANDONMENT IN PLACE		
☐	UGT/S INSTALLATION		
☐	UGT/S ADD TO / ALTER: MONITORING		
☐	UGT/S ADD TO / ALTER: PIPING		

Total Fee	Approved	Disapproved	Date	Inspector
EXEMPT	☒	☐	2-11-93	

FEB-11-'93 THU 15:54 ID:LED A. DALY TEL NO:213-388-1452 #663 P02

South Coast
AIR QUALITY MANAGEMENT DISTRICT
21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (714) 396-2000

July 29, 1992

T. T. M. S. Incorporated
5701 West Slauson Ave. # 140
Culver City, CA 90230

Attention: Hamid Reza Assadi

(310) 568-8290
APPLICATION NO. 271039
COMPANY ID 65291

RULE 1166 CONTAMINATED SOIL MITIGATION PLAN

Reference is made to your Application (A/N 271039) received on July 27, 1992, for the excavation and handling of VOC-contaminated soil at various locations within the South Coast Air Quality Management District.

Your excavation and mitigation plan has been approved under the provisions of Rule 1166 of the Rules and Regulations of the SCAQMD and is subject to the following conditions.

PLAN CONDITIONS:

PROPERTY OWNER'S INITIALS

1. AT LEAST 24 HOURS PRIOR TO COMMENCING EXCAVATION OF UNDERGROUND TANKS WHICH HAVE STORED VOLATILE ORGANIC COMPOUNDS (VOC), THE EXECUTIVE OFFICER SHALL BE NOTIFIED OF ALL INFORMATION ITEMS LISTED IN **RULE 1166(c)(1)(A)** AND THE NAME OF THE COMPANY PERFORMING THE EXCAVATION. #EB 93-0123 [ ]

   IF VOC-CONTAMINATED SOIL IS DETECTED, THE EXECUTIVE OFFICER SHALL BE NOTIFIED AGAIN WITHIN 24 HOURS. BOTH NOTIFICATIONS SHALL BE MADE BY CALLING (310) 403-6000, MONDAY THROUGH FRIDAY, BETWEEN 8 A.M. AND 5 P.M.

2. THIS PLAN IS VALID ONLY FOR THE EXCAVATION AND HANDLING OF A MAXIMUM OF **2000 CUBIC YARDS** OF VOC-CONTAMINATED SOIL AT EACH SITE. EXCAVATION OF A GREATER AMOUNT REQUIRES SUBMITTAL OF A SITE SPECIFIC RULE 1166 EXCAVATION PLAN. [ ]

3. ALL VOC-CONTAMINATED SOIL SHALL BE DISPOSED, BACKFILLED, OR REMOVED FROM THE SITE WITHIN **90 DAYS** AFTER IT HAS BEEN EXCAVATED FROM THE AFFECTED AREAS. [ ]

   RECORDS OF DISPOSAL OR TREATMENT OF VOC-CONTAMINATED SOIL SHALL BE MAINTAINED FOR A PERIOD OF TWO (2) YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

4. THE OWNER OR OPERATOR SHALL PREPARE A WRITTEN PLAN WHICH INCLUDES METHODS TO TREAT THE VOC-CONTAMINATED SOIL, SCHEDULES TO HAUL THE SOIL AWAY, BACKFILL THE SOIL, OR OTHER MEANS OF DISPOSAL. THE PLAN SHALL ALSO INDICATE THAT THE NECESSARY PERMITS HAVE BEEN OBTAINED OR ARE IN THE PROCESS OF BEING OBTAINED. SUCH A PLAN SHALL BE PREPARED NO LATER THAN 5 DAYS AFTER THE COMPLETION OF THE EXCAVATION, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [ ]

5. THE EXCAVATION SHALL BE CONDUCTED IN 50 FT. X 50 FT. OR SMALLER SECTIONS TO MINIMIZE EXPOSURE OF SOIL POTENTIALLY CONTAMINATED WITH VOC TO THE ATMOSPHERE. [ ]

6. THE EXCAVATION OPERATOR SHALL HAVE ON SITE AN ORGANIC VAPOR ANALYZER (OVA) USING FLAME IONIZATION OR PHOTO IONIZATION OR OTHER ANALYTICAL METHODS COMPLYING WITH 40 CFR PART 60 APPENDIX A, EPA METHOD 21 SECTION 3.1.1.a., "DETERMINATION OF VOLATILE ORGANIC COMPOUND LEAKS, MONITORING INSTRUMENT SPECIFICATIONS". [ ]

7. THE OVA SHALL BE CAPABLE OF BEING CALIBRATED USING HEXANE AT A RANGE OF 0 PARTS PER MILLION BY VOLUME (PPMV) TO 50 PPMV AND AT A DETECTION RANGE OF AT LEAST 30 PPMV TO 1100 PPMV. THE OVA SHALL BE INITIALLY CALIBRATED USING HEXANE BY THE MANUFACTURER AND CALIBRATED AT LEAST ONCE AT THE BEGINNING OF EACH WORKING DAY WITH THE PROCEDURES SPECIFIED BY THE MANUFACTURER. [ ]

8. DURING EXCAVATION, MONITORING SHALL BE CONDUCTED TO MEASURE VOC'S AT A DISTANCE NO MORE THAN 3 INCHES ABOVE THE FRESHLY DUG SOIL BY USING AN ORGANIC VAPOR ANALYZER (OVA) DESCRIBED UNDER CONDITION 7. THIS MEASUREMENT SHALL BE MADE FOR EVERY LOAD OF SOIL AND SHALL BE TAKEN NO LONGER THAN THREE (3) MINUTES AFTER EACH LOAD OF SOIL IS EXCAVATED. [ ]

9. WRITTEN RECORDS OF OVA MONITORING AND CALIBRATIONS REQUIRED ABOVE SHALL BE KEPT IN A FORMAT APPROVED BY THE DISTRICT. A TYPICAL FORMAT IS ATTACHED WITH THIS PLAN. [ ]

10. VOC-CONTAMINATED SOIL IS A SOIL WHICH REGISTERS 50 PPMV OR MORE WHEN MEASURED WITH AN ORGANIC VAPOR ANALYZER (CALIBRATED USING HEXANE) AT A DISTANCE OF NO MORE THAN THREE INCHES ABOVE EXCAVATED AND EXPOSED SOIL. [ ]

11. IF THE OVA MEASUREMENT IS BETWEEN 50 PPMV AND 1000 PPMV, [ ]

A) THE WORKING AREA SHALL BE IMMEDIATELY SPRAYED WITH WATER, OR COVERED WITH CLEAN SOIL OR TREATED WITH A DISTRICT APPROVED SUPPRESSANT, AND

B) EACH VOC-CONTAMINATED LOAD OF SOIL SHALL BE SPRAYED WITH WATER OR TREATED WITH A DISTRICT APPROVED VAPOR SUPPRESSANT AND BE STOCKPILED SEPARATELY.

12. IF THE OVA MEASUREMENT EQUALS OR IS GREATER THAN 1000 PPMV, [ ]

A) THE WORKING AREA SHALL BE SPRAYED WITH WATER OR DISTRICT APPROVED VAPOR SUPPRESSANTS OR COVERED WITH AT LEAST 4 INCHES OF CLEAN SOIL, AND

B) THE SOIL DUG UNDER THE ABOVE CONDITIONS SHALL BE STORED IN DISTRICT APPROVED CONTAINERS, AND

C) IN LIEU OF CONTAINERS, OTHER MITIGATION MEASURES MAY BE SUBSTITUTED WITH PRIOR WRITTEN APPROVAL OF THE EXECUTIVE OFFICER, IF THE OWNER OR OPERATOR CAN DEMONSTRATE THAT AN ALTERNATIVE MEASURE IS EQUALLY OR MORE EFFECTIVE IN REDUCING VOC EMISSIONS. PRIOR TO THE EXECUTIVE OFFICER'S APPROVAL, THE OWNER OR OPERATOR SHALL SUBMIT A COMPREHENSIVE WRITTEN STUDY WHICH COMPARES QUANTITATIVELY THE ESTIMATED VOC EMISSIONS DIFFERENCE BETWEEN THE ALTERNATIVE MITIGATION MEASURES.

13. ALL VOC-CONTAMINATED SOIL SHALL BE STOCKPILED SEPARATELY FROM NON VOC-CONTAMINATED SOIL AND KEPT MOIST, COVERED OR SPRAYED WITH WATER OR WITH A FUME SUPPRESSANT TO PREVENT EMISSIONS OF PARTICULATES OR VOC. [ ]

14. AT THE END OF EACH WORKING DAY, ALL STOCKPILES SHALL BE COVERED WITH A HEAVY DUTY CONTINUOUS PLASTIC SHEET(S), JOINED AT THE SEAMS, AND SECURELY ANCHORED TO PREVENT ANY EXPOSURE OF SOIL TO THE ATMOSPHERE. [ ]

15. A STOCKPILE SHALL NOT CONTAIN MORE THAN 450 CUBIC YARDS OF SOIL. [ ]

16. WITHIN 5 DAYS AFTER THE EXCAVATION IS COMPLETED AT EACH SITE, THE WRITTEN RECORDS UNDER CONDITIONS 4 AND 9 SHALL BE SUBMITTED TO THE DISTRICT AT THE FOLLOWING ADDRESS. [ ]

SCAQMD
OFFICE OF STATIONARY COMPLIANCE,
NEIGHBORHOOD COMMERCIAL OPERATIONS
21865 E. COPLEY DR.
DIAMOND BAR, CA. 91765-4182

17. VOC-CONTAMINATED SOIL SHALL NOT BE SPREAD ON-SITE OR OFF-SITE TO CAUSE THE EVAPORATION OF UNCONTROLLED VOC TO THE ATMCSPHERE. [ ]

18. THIS PLAN IS NOT VALID FOR EXCAVATING VOC-CONTAMINATED SOILS AT LANDFILLS OR SITES USED FOR DISPOSAL OF REFUSE OR OTHER TYPES OF WASTE. [ ]

19. THIS PLAN DOES NOT ALLOW ANY TREATMENT OF VOC-CONTAMINATED SOIL. [ ]

20. A COPY OF THIS PLAN SHALL BE PRESENT AT EACH EXCAVATION SITE DURING ALL SOIL HANDLING AND STORAGE PROCESSES. [ ]

21. THIS PLAN IS NOT VALID UNTIL THE VERIFICATION BELOW IS SIGNED. [ ]

I _____, Representative of the ~~AM THE OWNER~~ OF THE PROPERTY LOCATED AT 1201 S. FIGUEROA ST.
(SITE OF THE EXCAVATION). I VERIFY THAT I HAVE READ, UNDERSTOOD, AND INITIALED EACH CONDITION OF THIS PLAN.

_____ 2/16/93
SIGNED DATE

Other governmental agencies may require approval before any excavation begins. It shall be the responsibility of the applicant to obtain that approval. The South Coast Air Quality Management District shall not be responsible or liable for any losses because of measures required or taken pursuant to the requirements of this approved 1166 Contaminated Soil Mitigation Plan.

If you have any questions concerning this plan, please call Ms. Nirmal Jain at (714) 396-2630.

Very truly yours,

Fred Del Rosario
A.Q.A.C. Supervisor

NJ R1166VXE
cc: Rudy Eden, Senior Manager

APPENDIX C

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: TTMS
Project No.: 11906
Project Name: Convention Center
Sample Matrix: Soil
Method: EPA 8020(BTEX)/8015M (Gasoline)

AA Project No.: A10786
Date Sampled: 2/16/93
Date Received: 2/17/93
Date Reported: 2/26/93

Date Analyzed:	2/23/93	2/25/93		
AA I.D. No.:	13789	13790	Reporting	
Client I.D. No.:	SST1C	SSSP1C	Detection Limits	Units
Compounds				
Benzene	<5	<5	5	µg/Kg
Toluene	<5	<5	5	µg/Kg
Ethylbenzene	<5	<5	5	µg/Kg
Xylenes	<10	<10	10	µg/Kg
Gasoline Range Organics	<2	<2	2	mg/Kg

George Havalias
Laboratory Director

tjm

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: TTMS
Project No.: 11906
Project Name: Convention Center
Sample Matrix: Soil
Method: EPA 7420 (Total Lead)*

AA Project No.: A10786
Date Sampled: 2/16/93
Date Received: 2/17/93
Date Analyzed: 2/22/93
Date Reported: 2/26/93
Units: mg/Kg

AA ID No.	Client ID	Results	Reporting Detection Limits
13789	SST1C	<5	5
13790	SSSP1C	18	5

*: Subcontracted to a DOHS State-Certified Laboratory

George Havalias
Laboratory Director

tjm

AMERICAN ANALYTICS

LABORATORY QA/QC REPORT

Client: TTMS
Method: EPA 8020 (BTEX)/8015M (Gasoline), QC, Spike
AA Project No.: A10786

Sample Matrix: Soil
Date Analyzed: 2/25/93
Date Reported: 2/26/93

Compounds	Spike Recovery (%)	Spike/Duplicate Recovery* (%)	RPD** (%)
Benzene	98	48	32
Toluene	97	48	15
Ethylbenzene	97	49	7
Xylenes	97	47	3
Gasoline Range Organics	104	52	13

*: Low recoveries due to leak in the purging tube. Batch was validated by the Laboratory Control Check Standard
** **RPD:** Relative Percent Difference were calculated using spike and LCS recoveries.

George Havalias
Laboratory Director

tjm

AMERICAN ANALYTICS

LABORATORY QA/QC REPORT

Client: TTMS
Method: EPA 8020 (BTEX)/8015M (Gasoline), QC, Spike
AA Project No.: A10786

Sample Matrix: Soil
Date Analyzed: 2/23/93
Date Reported: 2/26/93

Compounds	Spike Recovery (%)	Spike/Duplicate Recovery (%)	RPD (%)
Benzene	102	106	4
Toluene	102	107	5
Ethylbenzene	107	114	7
Xylenes	106	110	4
Gasoline Range Organics	128	133	4

RPD: Relative Percent Difference

George Havalias
Laboratory Director

tjm

T.T.M.S. INC.

5701 W. SLAUSON AVE. • SUITE # 140 • CULVER CITY, CA 90230
PHONE: (213) 568-8290 • (800) 660-TTMS • FAX: (213) 568-8299

A10786

CHAIN OF CUSTODY RECORD

Date 02-16-93

Page 1 of 1

PROJECT NAME / NUMBER
CONVENTION CENTER/1301 FIGUEROA ST./11906

PROJECT MANAGER
CHRISTOPHER THIXTON

SAMPLERS: (SIGNATURE)
JOZSEF AKNAI

SAMPLE NUMBER	LOCATION DESCRIPTION	SAMPLING DATE	SAMPLING TIME	SAMPLE TYPE WATER COMP.	SAMPLE TYPE WATER GRAB.	SAMPLE TYPE AIR COMP.	SAMPLE TYPE AIR GRAB	SOLID/ SOIL	NO OF CONTAINER	TESTS REQUIRED
SST1C	Center of tank 1	02-16-93	5:30 PM	13789				X	1	EPA 8015 M (GAS) 8020 BTXE, 7420
SSSP1C	Center of stockpile 1	02-16-93	5:35 PM	13790				X	1	" " " "

Relinquished by: (signature)	Received by: (Signature)	Date: 2/17/93	Time: 14:00
Relinquished by: (signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (signature)	Received by: (Signature)	Date:	Time:
Shipment Method:	After Analysis, Samples to be: ☐ Disposed of ☐ Saved for Storage (90 days max.)		
Special instructions:			
Special instructions:			

APPENDIX D

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *Form designed for use on elite (12-pitch typewriter).*

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981631716 | Manifest Document No. 39423

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
L.A. Convention Center
1301 S. Figueroa St.
Los Angeles, CA 90013

4. Generator's Phone (310) 368-8290

A. State Manifest Document Number: 90839423

B. State Generator's ID:

5. Transporter 1 Company Name: American Oil Company
6. US EPA ID Number: CAD982142766

C. State Transporter's ID: 315813

D. Transporter's Phone: (818) 700-8297

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
Industrial Service Oil Co.Inc.
1700 S. Soto St.
Los Angeles, CA 90023

10. US EPA ID Number: CAD009945278

G. State Facility's ID: CAD009945278

H. Facility's Phone: (213) 268-9741

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous Waste Liquid N.O.S. ORM-E NA 9189	001	T	00650	G	State 241 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 01 b. c. d.

15. Special Handling Instructions and Additional Information
Gloves
Emergency Response: Bill Gomelsky
(818) 700-8297
24 Hours
Guide(s): 31-33

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
Allen Jr.		01	16	93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
David Zamarripa		01	16	93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
Eric Vargas		01	15	93

Do Not Write Below This Line

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90839423

TANK CERTIFICATION REPORT

[redacted]

TANK REMOVAL CERTIFICATE #: 02891

Date: 2/1c/93

Permit #: LAFD 2875

Site: L.A. Convention Center

Address of tank: 1301 S. Figueroa
Los Angeles, CA

Client: T.T.M.S.

TANK DESCRIPTION	TANK SIZE	TANK NUMBER	TANK CONTENTS	RESULTS OF TANK INSPECTION
Underground steel	500 ~~550~~ gallon	2875	gasoline	LEL 0% TIME 5:30 P.M.

The tank(s) described above has/have been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank(s) and no visible contamination has been observed except as noted below.

EXCEPTION: None

THE AMERICAN BOARD OF INDUSTRIAL HYGIENE INCORPORATED CERT. NO. #1973 1433 PENNSYLVANIA STUART E. SALOT, Ph.D.

The tank(s) described above is/are approved for removal and transportation.

INSPECTED BY: [signature]

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1973 & 1433)

CLIENT COPY White | CTL COPY Green | FIRE DEPARTMENT COPY Canary | TRANSPORTERS COPY Pink | TRANSPORTERS COPY Goldenrod

D. W. RUSSELL CO.

412 West "B" Street
Wilmington, CA 90744

(213) 775-1655 (213) 651-4220

Tank Disposal Form. Date: Feb 17, 1993

Contractor: T.T.M.S.

Address:

Generator: L.A. Convention Center

Address: 1801 So. Figueroa L.A., Ca.

Destination: D.W. Russell Co. 412 W. B St. Wilmington, Ca. 90744

Date Received. Feb 17, 1993 Projected Tanks: 1

Tanks Received

QTY.	GALLONS	TYPE	NET. TONS.
	280		.14
1	500	Construction Tank	.21
	550		.24
	1,000	-12'	.61
	1,000	= 6'	.61
	1,500		.87
	2,000		.97
	2,500		1.14
	3,000		1.32
	4,000		1.64
	5,000		2.42
	6,000		2.84
	7,500		3.26
	8,000		3.44
	9,000		3.82
	10,000		4.33
	12,000		4.93
	15,000		6.71
	20,000		8.64
	25,000		10.16
	50,000		26.19

Certifiace of Tank Disposal

This is to certify the receipt and acceptance of the tank(s) as specified above.
All materials specified have been completely destroyed for scrap purposes only.

Authorized Rep.

Feb 17, 1993
Date.

APPENDIX E

SITE SAFETY PLAN (SSP)
EXCAVATION OF PETROLEUM CONTAMINATED SOILS

PREPARED FOR:

LOS ANGELES CONVENTION CENTER
1301 S. FIGUEROA STREET
LOS ANGELES, CA.

PREPARED BY:

T.T.M.S. INC.
5710 WEST SLAUSON AVENUE
CULVER CITY, CA 90230

JANUARY 1993

SITE SAFETY PLAN (SSP)

SITE SAFETY PLAN (SSP)
REMOVAL OF ONE (1) 500 GAL. UNDERGROUND STORAGE TANK
(GAS)

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1.0 INTRODUCTION

This Site Safety Plan (SSP) has been developed for work activities associated with underground storage tank removal, excavation and removal of petroleum hydrocarbon (contaminated soil if encountered). Soils containing petroleum hydrocarbons will be excavated and brought to ground surface for remediation purposes (this particular SSP addresses hazards of handling petroleum hydrocarbon contaminated soil and the general hazards associated with soil excavation operations).

2.0 SITE DESCRIPTION AND SCOPE OF WORK

The work scope which relates to this SSP is the excavation and handling of the contaminated soils as a part of their ultimate remediation. Specific remediation methods (e.g. above-ground vacuum extraction or chemical treatment) are not addressed. The contaminated soil (if encountered) will be excavated during this phase of the project, stockpiled at the site on visqueen sheeting and covered by the same until such time as the City of Los Angeles has decided the fate of the excavated soil.

Backfilling of the excavation with clean new fill will proceed to a depth of approximately 4 to 6 inches below ground surface at 1301 S. Figueroa Los Angeles, Ca. The source of (possible) contamination at this site is possible leakage from six (6) underground storage tanks. All contaminated soil will be stockpiled on site for transportation to a TDSF or any other remediation method approved by the City of Los Angeles.

3.0 SAFETY PROGRAM ADMINISTRATION

This SSP shall be implemented under the direct supervision of a Site Safety Officer (SSO) or his representative. The SSO will implement the program in coordination with the project Manager. During the implementation of the SSP a Certified Industrial Hygienist shall be accessible for the SSO in case of questions. A Certified Hygienist from CTL Environmental Services will be consulted: - (Phone: 213 530-5006)

The project manager has the primary responsibility for implementing this SSP. The project manager shall supervise the SSO and project technician. The project manager will also be responsible for the technical implementation of the SSP.

A pre-start meeting with the excavation crew and the SSO shall be conducted prior to the excavation activities. This meeting will serve to acquaint the workers with the SSP requirements and answer any questions they may have.

The SSO shall be on site during excavation operations and he will report directly to the project manager. The SSO will be responsible for implementing the SSP during all field activities and will coordinate all matters dealing with health and safety between the site contractors and visitors.

The SSO shall also be responsible for contacting local Emergency Medical Technicians (EMT) to initiate and activate medical assistance and ambulance services.

TTMS, Inc. performing excavation and remedial activities is licensed by the State in hazardous waste operations and they will be responsible for ensuring that all personnel in their employment, including subcontractors, adhere to applicable requirements in this SSP. In addition, contractors will be responsible for adhering to all federal, state and local requirements applicable to their operation not specifically addressed within the SSP. The Rule 1166 permit from the South Coast Air Quality Management District (SCAQMD) shall be kept on site. Reference #EA 930157.

All state, county, or local government personnel and their contractors will be expected to comply with the some requirements as stated above, for contractors.

4.0 HAZARD ASSESSMENT AND CONTROL

4.1 Chemical Hazard and Control

Gasoline is the primary contaminants that may be encountered during excavation operations. Exposure during excavation operations may occur primarily through inhalation of volatile vapors. The major constituents include benzene, toluene, xylene, ethybenzene. Skin contact with contaminated soil is another potential exposure pathway. Material safety data sheets (MSDS) for diesel oil vapor and gasoline vapor outline the following as potential health hazards: Vapors or mists from this material can irritate the nose, throat, and lungs, and can cause signs and symptoms of central nervous system depression, depending on the concentration and duration of exposure. Inhalation of vapors of airborne concentration exceeding 1000 ppm can cause headache, dizziness, weakness and loss of coordination.

Gas fuel is not expected to present a respiratory hazard because of its low vapor pressure but, if excessive mist or vapors result from method of remediation, workers will wear proper NIOSH-MSHA approved respiratory equipment. Therefore, site workers involved in excavation operations shall utilize

respiratory protection to ensure maximal protection. Details of respiratory protection are represented in Section 6.0, Personnel Protective Equipment (PPE).

4.2 Physical Hazards and Control

The most prominent physical hazards which may be encountered during excavation may include: cave-ins; hazards related to ruptures or cutting of underground utilities; heat stress; irritation due to excessive noise; slip, trip or fall hazards; striking injuries related to overhead obstacles; fire or explosion hazards; and entry hazards during sampling of the excavation.

Specific physical hazard precautions are as follows:

- No worker or technician shall be allowed inside an excavation that is deeper than 5 feet unless such excavation is properly benched or sloped.

- The location of the underground utilities shall be identified Digalert prior to excavation from existing utilities drawings and by field inspection. Dig Alert Reference #471-975.

- All workers operating or working near any equipment that creates noise levels above 90 dBA shall wear either foam earplugs or muff-type protectors.

- Personnel shall wear appropriate head, eye and foot protection as described herein.

- The possibility of a flammable or explosive atmosphere warrants the imposition of a **NO SMOKING** policy on the job site for all phases of soil excavation operations.

- SSO will dictate when such protective measures should be taken.

5.0 SITE CONTROL AND WORK ZONES

The purpose of site control is to minimize the transportation of harmful chemicals from the work area and to prevent inadvertent contact with site hazards. This section will discuss the physical barriers to be used on site control as well as explain the administrative procedures which will be enforced.

5.1 Physical Barriers

The work area shall be completely fenced or barricaded (flashing where necessary) and shall be used when required by the SSO. This may be accomplished with orange construction safety fence.

5.2 Visitor Control

Two work areas will be established during the excavation as shown in Figure 1. These areas are excavation area (1) and the staging, storage and loading area (2). Area (1) will consist of exclusion zone and area (2) will be divided into three areas: entry control, decontamination, and support. The support area will serve two functions. First, it will help to minimize the potential for spreading contamination to clean areas. Secondly, it will physically delineate high hazard areas where dermal and respiratory protection may be required. The "exclusion zone" will include areas where active handling activities of contaminated soil are occurring. The zone will also include areas adjacent to any excavation/placement activities which, according to the SSO, may require specific dermal or respiratory protection., The actual boundaries of these zones will vary somewhat as the work progresses. The following factors shall be used by the SSO in the actual determination of the boundaries:

- Physical and topographic features of the site;
- Weather conditions;
- Perimeter air sampling results;
- Physical and chemical characteristics of the chemical of concern;
- Activities occurring within the exclusion zone;
- Results of real-time monitoring with photoionization and/or combustible gas detectors.

As with the exclusion zone boundaries, the "decontamination zone" boundaries will vary. The zone will encompass site areas between the exclusion zone and the gate and adjacent to the support zone. In order to control the flow of people and equipment in the decontamination zone, access control points shall be established. All entrance and exit shall be through these points.

The "support zone" will include site facilities and site maintenance areas that are kept free of contaminated equipment and clothing. No entrance of equipment or personnel into the support zone shall be permitted until full decontamination procedures have been implemented. Personnel in this area may wear normal clothing (Level D protective clothing).

Prior to the initiation of any on site activities, all work zones will be physically identified by the SSO. The method used to identify these areas will include either surveyors tape, pin flags, site landmarker, or other visually identifiable methods.

6.0 PERSONNEL PROTECTIVE EQUIPMENT (PPE)

The purpose of personnel protective equipment (PPE) is to shield individuals from chemical and physical hazards which may be encountered during site work. All site workers who are in direct contact with contamination shall have undergone a minimum of 40 hours of training under 29 CFR 1910.120, Hazardous Waste Operation and Emergency Response.

6.1 Selection of PPE

PPE selection will depend on the type of task being performed and its associated chemical or physical hazard potential. The task in which the greatest possibility of prolonged exposure to volatile organics is the operation of soil handling equipment during excavation of petroleum contaminated soils. Therefore, all equipment operators handling petroleum contaminated soil and all personnel who will be working near the excavation or contaminated soils (the exclusion zone) shall be equipped in EPA level D PPE with respirator protection available. The respirators will not be used unless air monitoring results at the site indicate the presence of volatile organics at above 50 pp (3 inches above the soil). Other site personnel, not working for prolonged periods near or at the soil excavation (the exclusion zone) will be outfitted in EPA level D PPE.

EPA level D PPE will consist of the following:

- Tyvek suits or coveralls.
- Gloves.
- Boots with skid-resistant soles.
- OSHA/NIOSH-approved hard hat.

- Safety glasses as chemical splash goggles.

- Use of equipment shall be at the determination of the SSO.

6.2 Respiratory protection

Work activities around the excavation does not require air purifying respirators in accordance with 29 CFR 1910.34 and ANSI 288.2 (1980) air purifying respirators shall be fitted with organic vapor cartridges and dust filters, and may be either full-face or half face.

6.2.1 Respiratory Fitting

Facial hair which interferes with the sealing surface of the respirator shall be fit tested prior to implementation of site excavation activities and each worker shall be responsible for performing a negative/positive pressure fit test each time he/she sons their respirator.

6.2.2 Cartridge Type and Changes

Cartridge type shall be combination cartridges that are NIOSH and MSHA-approved for respiratory protection against organic vapors and dusts. All cartridges shall be changed a minimum of once daily (if used). Overly dusty conditions may necessitate more frequent changes.

6.2.3 Inspection and Cleaning

Respirators shall be checked periodically by qualified personnel and before each use by the wearer. All respirators and associated equipment shall be decontaminated and hygienically cleaned, by qualified personnel, after each use.

7.0 AIR MONITORING PROCEDURES

The following air monitoring procedures are required:

7.1 Lower Explosive Limit/Oxygen (LEL/02) Meter

Prior to beginning daily operation and after lunch, a survey of the work site shall be conducted with an LEL/02 meter (combined combustible gas/oxygen meter). If any areas show airborne concentrations of 20 percent or greater of LEL, no work shall take place until the source of the emission has been identified and control measures taken.

If air monitoring readings exceed 50 ppm measured at 3 inches above the soil then respiratory protection will be used and water conditioned with inhibitors will be used (e.g. water spray and Bio-solve).

7.2 Air Monitoring Report

An air monitoring report shall be prepared form information obtained during all aspects of the site air monitoring system. Information presented in the report shall be derived from data generated by an air monitoring form.

7.3 Air Sampling Log Book

All LEL/20 readings shall be logged in a notebook along with site conditions and operations taking place during the sampling. This information shall be available at the site.

8.0 VAPOR EMISSION RESPONSE PLAN

8.1 Definitions:

- Any organic vapor reading greater than 25ppm, as measured with an OVA or a photoionization detector or flame ionization detector, taken along the perimeter of a site at zero wind conditions will be defined as a potential condition;

- Any organic vapor reading greater than 50 ppm, as measured with an OVA or a photoionization detector or flame ionization detector, taken along the perimeter of a site at zero wind conditions will be defined as a substantial condition;

- Using a Gastech 1314 meter, any reading greater than 10 percent LEL (calibrated with hexane) will be defined as a potentially hazardous situation;

- Using a Gastech 1314 meter, any reading greater than 20 percent LEL (calibrated with hexane) will be defined as a potentially critical situation;

8.2 Organic Vapor Emissions Monitoring

8.2.1 Potential Conditions

Organic vapors shall be monitored by the SSO in all work areas throughout the excavation activities. Refer to Section 7.0 for air monitoring procedures. If, during excavation any vapors are found above the allowable levels, Vapor Emission Control Methods outlined in Section 8.3 shall be implemented.

8.2.2 Substantial Condition

Any substantial condition as determined by PID reading during the routine perimeter monitoring shall result in the following action:

- Immediate notice will be given by the SSO to the Project Manager to stop any excavation and/or placement of waste which is causing the condition. The SSO will also give orders for any work stoppage required to protect affected workers;

- The SSO will characterize the emissions so that an assessment can be made as to the actual concentration of specific contaminants;

- During the characterization, the SSO will instruct the Project Manager to mobilize all vapor emission control equipment for immediate use as necessary;

- If the characterization shows any compound present at the perimeter above current TLVs, vapor emission control methods will be implemented immediately;

- If no compounds are present above the current TLVs at the downwind perimeter location, the organic vapor monitoring will continue. However, the situations will be monitored very closely until normal background levels are reached.

8.3 Organic Vapor Control Methods

There shall be three basic vapor control methods available during excavation. They will include the use of foam barriers, clean fill barriers, and water barriers. The SSO will direct which method shall be implemented.

8.3.1 Water

Water proves to be an effective vapor barrier for gasoline/diesel contaminated soil. Therefore, if the source is in contained area, water could be a viable control method. However, it will be the least desired method because of its potential to generate excess waste. If enhanced by emission inhibitors such as Bio-solve the quantity of the water used is reduced .

8.3.2 Soil Cover

By covering a source with soil, it will be possible to considerably decrease the volatilization of the organic compounds within the waste. This could involve either spreading soil from the immediate vicinity of the affected area or hauling soil from some nearby source to the affected area.

8.3.3 Foam Vapor Barriers

Commercially available solutions are available to enable the use of this control method during excavation., However, this control method is generally only used for temporary control. The foam will degrade and eventually allow vapor concentrations to build-up if no other controls are instituted.

8.4 Flammable Vapor/Gas Monitoring

During all excavation/handling of waste material the potential for creating a flammable atmosphere shall be monitored. This procedure shall incorporate the use of a combustible gas indicator (CGI) calibrated for hexane. This will produce readings calibrated in percent of a calibrated Lower Explosive Limit (LEL). Any sustained reading greater than 10 percent of the LEL of hexane will be considered a potentially hazardous situation whereas readings above 20 percent LEL of hexane will be considered potentially critical situations.

8.4.1. Potentially Hazardous Situations

All sustained CGI readings above 10 percent of the LEL of hexane shall invoke the following procedure:

- All excavation/placement activity which could be affected by the release will stop until the SSO can establish the source of the readings;
- The SSO will discuss the findings with the Project Manager to determine if work can proceed;
- If indications are that the CGI readings are only temporary, work will resume when monitoring results fall below 10 percent of the LEL of hexane;
- If indications are that the readings will increase over time, corrective actions must be taken to increase natural ventilation before the work can resume.

8.4.2 Potentially Critical Situations

Any readings above 20 percent of the LEL of hexane shall invoke the following procedures:

- All work which could have caused or could be affected by the release will stop immediately;
- No vehicles or other sources of ignition within the affected work area will be operated until corrective actions are invoked;
- Corrective actions may include the covering of the waste to reduce emissions. Once the atmosphere surrounding the affected area is found to be below 10 percent of the LEL of hexane, heavy equipment can be utilized to increase natural ventilation (i.e., alter the face of an excavation);
- If natural ventilation is not dissipating the explosive gas, such as might be the case in an excavation, commercial air movers may be used to introduce fresh air into the excavation. Any source of ignition (i.e., motors) must be located in areas with an atmosphere containing less than 10 percent of the LEL of methane. Equipment capable

of producing foam and a commercial air mover will be located at the site during activities involving soil excavation;

- Work will not resume in the affected area until the corrective actions bring the LEL reading for methane within the excavation below 10 percent.

9.0 FIRE/EXPLOSION RESPONSE PLAN

9.1 Definition

A minor fire is one that can be readily extinguished by the use of one 20 pound fire extinguisher. All other fires/explosives will be considered to be major and the local fire department shall be contacted. All fires shall be reported to the SSO immediately.

9.2 Protective Clothing and Equipment

Project personnel are normally not equipped or trained to fight major chemical fires. Evacuation of project personnel to designated assembly areas by the SSO if required during a major fire. The SSO shall defer to the emergency response personnel as to the selection of protective clothing and equipment as well as the use of proper fire fighting techniques.

9.3 Immediate Fire/Explosion Response Actions

The air downwind from any fire/explosion shall be monitored immediately in order to protect workers and the nearby community. If required by the air monitoring results, the Vapor Emission Response Plan (Section 8.0) shall be placed into effect. If personal injuries result from the fire or explosion, the procedures outlined in the personal Injury Response Plan (Section 13.2) are also to be followed.

10.0 DECONTAMINATION PROCEDURES

Some personnel protective equipment or construction equipment may come in contact with material or substances which require those pieces of equipment to be decontaminated.

Decontamination is accomplished in order to ensure the material which personnel or equipment may have contacted are removed. Because exposure to chemical is considered low during site activities, decontamination is not expected to be a major requirement. When required, as determined by the SSO, decontamination shall be in accordance with the following:

10.1 Decontamination of Personnel

Decontamination will follow these steps in the order listed:

- Personnel and equipment which are suspected of being contaminated will be brushed or wiped to remove any adhered soil particulates or residue;
- Boots will be scrubbed with a detergent and water solution. The boots will then be removed and stacked for drying;
- Hard hats will be removed, scrubbed with a detergent and water solution., They will then be removed and stacked for drying;
- Chemical-resistant suits, if used, (including gloves) will be scrubbed with a detergent and water solution, removed and hung to dry, or disposed of;
- Respirators will be removed and prepared for reuse. Respirators will be cleaned with MSA cleaner-sanitizer or an equivalent;
- Tyvek suits will be discarded;
- Outer gloves will be removed and cleaned or discarded, based upon condition;

10.1.1 Showers

Portable eyewash/showers are not required in this case and will not be provided during site activities. Any employee suspected of sustaining skin contact with contaminated material will be thoroughly rinsed under a shower. Following this, the workers will remove all clothing, shower out, and don clean clothes.

10.1.2 Personal Hygiene

Before any eating, smoking, or drinking, personnel will wash hands, and other exposed areas.

10.2 Other Decontamination Procedures

All disposable clothing and wash water will be treated as waste and disposed properly by drumming or placing in appropriate disposal bins.

10.3 Decontamination of Construction Equipment

Major contamination of construction equipment is not expected for this project. Construction equipment used to excavate contaminated soil will be decontaminated within the boundaries of the exclusion zone by sweeping or scraping off the residual traces of contaminated soil.

11.0 MEDICAL REQUIREMENTS

11.1 Emergency Medical Care

Before interim remedial action begins at this site, the nearest medical facility shall be contacted and alerted to potential medical emergencies and chemicals of concern.

11.2 Job Related Illness

If an employee develops an illness or sustains an injury at the site which results in lost time, the worker shall be evaluated by a physician. The physician shall provide a written statement prior to allowing the employee to return to work. A copy shall then notify an officer of the firm. If the illness or injury is job related and requires hospitalization, them the SSO shall notify Cal-OSHA.

12.0 GENERAL SAFETY PRACTICES

General safety requirements for this project are as follows:

- All personnel who will be working in the exclusion zone are required to undergo an industrial hygiene baseline medical examination before commencing work. This requirement does not apply to individuals who have taken the examination during the past 12 months;

- The same personnel must be fitted and fully instructed on the use of respirators prior to starting the work;

- Eating, drinking, chewing gum or tobacco,smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of material is prohibited in any area of excavation;

- Hands must be thoroughly washed upon leaving the work area and before eating, drinking, or any other activities.

- No excessive facial hair, which interferes with the satisfactory fit of the mask-to-face seal, is allowed on personnel wearing respiratory protective equipment;

- Contact with contaminated or suspected contaminated surfaces shall be avoided. Whenever possible, personnel shall not walk through puddles, mud or other discolored surfaces; kneel on ground; lean, sit or place equipment on drums, containers, vehicles, or the ground;

- Medicine and alcohol can aggravate the effects from exposure to toxic chemicals. Prescribed drugs shall not be taken by personnel where the potential for absorption, inhalation, or ingestion of toxic substances exists unless specifically approved by a qualified physician;

- The number of individuals involved in the field operations shall be kept to a minimum. Observers shall stand a safe distance upwind of the excavation/soil handling operations. No observers are allowed on the site unless they are wearing OSHA/NIOSH approved hard-hats, appropriate safety glasses and appropriate protective clothing/equipment;

- Non-disposable safety gear, sampling equipment, and demolition equipment shall be cleaned before being taken offsite. Equipment which comes in contact with contaminated soil or liquids shall be cleaned. Washing with detergent solution, followed by rinsing, is preferred for safety gear and sampling equipment;

- Contractors shall follow safety procedures outlined in 29CFR 1926, Subparts P and T, for the excavation and demolition;

- Before any machinery or electrical equipment is placed in use, it shall be inspected by a competent person and found to be in a safe operating condition. If the machinery or electrical device is not found to be in a safe operating condition or develops a problem, it shall be tagged "Out of Service" and not used until the problem,(s) is/are corrected;

- Any subcontractor at the site shall abide by applicable safety standards for that work phase as denoted in this document;

- The Contractor shall perform daily safety inspections at the job site to insure compliance with this SSP.

13.0 EMERGENCY ACTION PLAN

Because of the nature of the work being conducted it is impossible to foresee and establish rigid procedures for all types of emergency situations. The risks associated with this work are considered generally low and therefore this emergency action plan will be primarily based on general information and will focus on personal injury.

13.1 Emergency Equipment

An emergency equipment station will be established which shall consist of the following; as a medium:

- Eye-wash station.
- First aid kit.
- Fire extinguisher.

13.2 Personnel Injury

In the event of physical injury or illness due to interim remedial activities, the procedures listed below shall be followed:

- Depending on the seriousness of the injury, first aid treatment may be given by the SSO, or on-site personnel trained in first aid/CPR.
- For serious injuries, the SSO shall contact the paramedics at 911.
- Decontamination of affected personnel, if needed, shall be performed before rendering first aid. If decontamination is not feasible, the injured person shall be wrapped in blankets for transportation to a hospital.

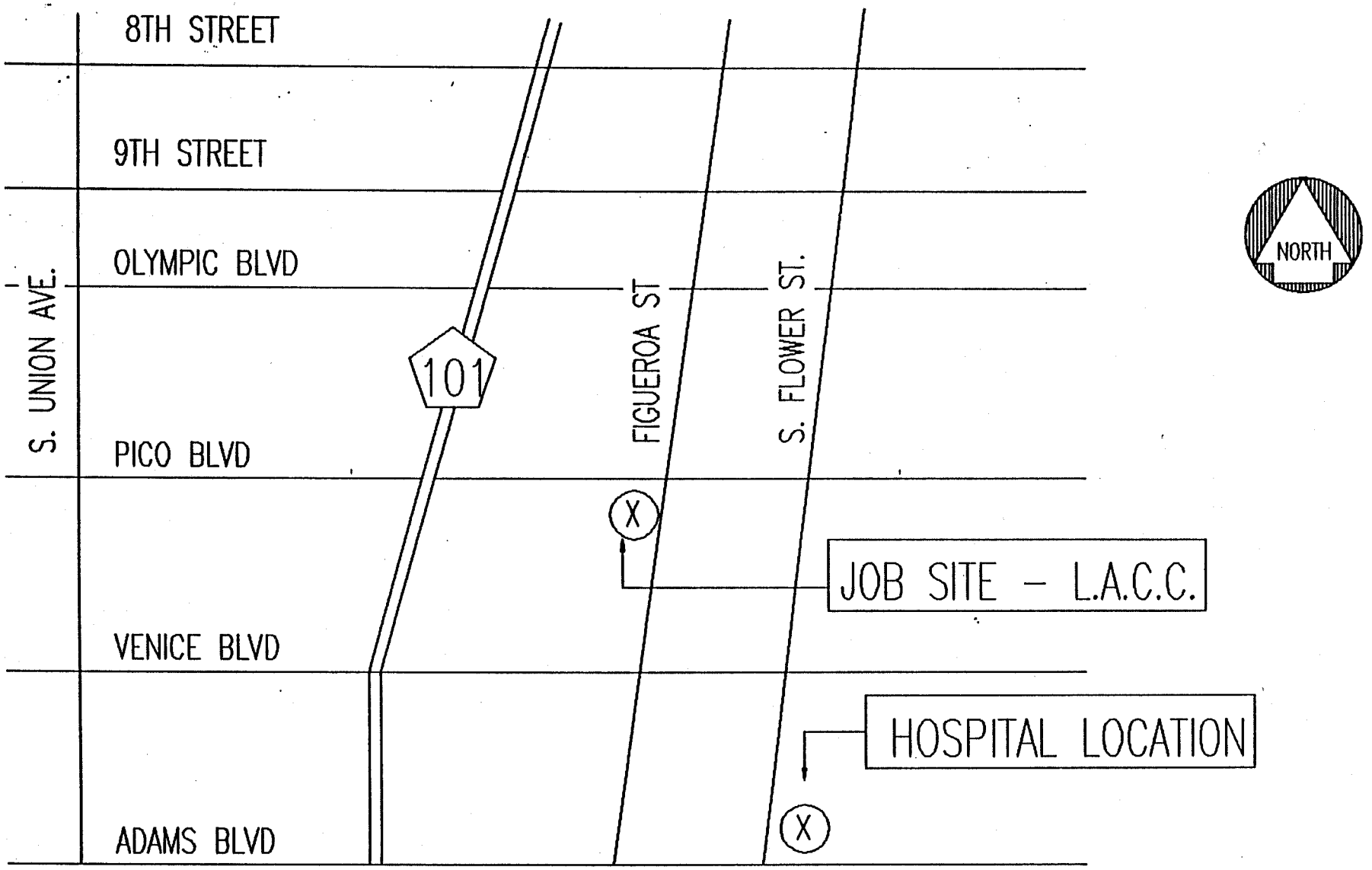
- The following personnel shall be notified in the listed sequence:

Responsible Person	Contact
Injured Person and Supervisor (Foreman)	Site Safety Officer
Site Safety Officer	Ambulance/Fire Dept.
Site Safety Officer	Project Manager

The following emergency telephone numbers shall be prominently posted in the site vicinity.

Fire Department	911
Police Department	911
Ambulance	911
Hospital-**Emergency Room** **Orthopaedic Hospital** **2400 S. Flower Street**	**(213) 742-1163**
Southern Calif. Gas Company	(213) 260-7000
Southern Calif. Edison Company	(213) 674-6060
Poison Control Center	(800) 662-9886
Digalert	(800) 422-4133

A complete written report of the accident shall be submitted to the Project Manager within 24 hours. If the injury requires hospitalization, then Cal-OSHA shall be notified within 24 hours.



PLAN: SHOWING LOCATION OF HOSPITAL		T.T.M.S.	
SITE: ORTHOPEDIC HOSPITAL 2400 S. FLOWER STREET LOS ANGELES, CA 90007		100 CORPORATE POINTE SUITE #220 CULVER CITY, CA 90230 1-(800)-660-TTMS	
DATE:	REV.△	SCALE: SEE PLAN	JOB # 11906.00
REV.△	REV.△		DWG # 14.1

APPENDIX F

STANDARD SAMPLING PROCEDURE

1. SAMPLING PROCEDURES DURING SUBSURFACE INVESTIGATIONS USING A HAND AUGER

A hand auger is used to drill to the required depths. Normally a sample is extracted every five feet. A sampler driven by a twenty pounds hammer is used to extract the soil samples. The sampler is lined with 2 inch OD stainless steel rings. The rings are filled with the sampled soil as the sampler is driven into soil at the bottom of the borehole. The sampler is removed from the borehole at completion of the drive and the two rings containing the samples removed from it.

2. SAMPLING PROCEDURES DURING SUBSURFACE INVESTIGATIONS USING A MOBILE OR TRANSPORTABLE DRILL

A mobile or transportable drill is used to drill to the required depths. Normally a sample is extracted every five feet. A modified California split spoon sampler is used to extract the soil samples. The sampler is lined with brass or stainless steel rings. The rings are filled with the sampled soil as the sampler is driven into soil at the bottom of the borehole. The sampler is removed from the borehole at completion of the drive and two of the rings containing the samples removed from it.

3. PREPARATION AND MONITORING OF SAMPLES

The upper ring is used to monitor the soil conditions (determine if contaminants detectable by the instrument in use are present in the soil). The lower ring is prepared for shipment to the laboratory. The sample is prepared by lining its ends with aluminum foil or teflon and capped with plastic end caps.

4. SAMPLING PROCEDURES FROM A SOIL PILE, BACKHOE BUCKET OR SURFACE

A stainless steel spoon or a tongue depressant (sampler) is used to fill the sampler. The sample container may be a glass jar with a teflon lined cap or stainless steel ring lined with teflon or aluminum foil and plastic end caps. The sample is extracted by the sampler and placed in the container and compressed to reduce the voids. The container is then lined and capped.

5. SAMPLE LABELLING, HANDLING AND CARE

Following sample collection, it is labelled and placed on blue ice in an ice chest. The chain of custody forms are filled in accordance with DOHS guidelines. The sample is then transported to an approved environmental laboratory for analysis.

6. STANDARD CLEANING PROCEDURE

The following steps are followed during the cleaning and decontamination procedure:

1. The rings and/or samplers are cleaned and all dirt removed from them.
2. The rings and/or samplers are initially washed with tab water.
3. They are then washed in a solution of TSP and water.
4. They are finally rinsed in distilled water and placed on paper towels to dry.

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-3[illegible])
Please print or type. *Form designed for use on e* *2-pitch typewriter).*

See Instructions on F[illegible]k of Page 6 and Front of [illegible]e 7

Department of Health Service
Toxic Substances Control Divisio
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
L.A. Convention Center
1301 S. Figueroa St.
Los Angeles, CA 90013

4. Generator's Phone ([illegible]) 748-[illegible]760

A. State Manifest Document Number: 90830423

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number
American Oil Company

C. State Transporter's ID

D. Transporter's Phone 213913

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID (818) 700-[illegible]237

F. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number
Industrial Service Oil Co.,Inc.
1700 S. Soto St.
Los Angeles, CA 90023

G. State Facility's ID

H. Facility's Phone (213) [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous Waste Liquid N.O.S. ORM-E NA 9189			02550		State 241 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 01 | b.
c. | d.

15. Special Handling Instructions and Additional Information
[illegible] Emergency Response: Bill Comstock
(818) 700-5297
24 hour Outside [illegible]

16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
David Zamarripa				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

HS 8022 A
PA 8700—22
ev. 6-89) Previous editions are obsolete.

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS

TANK CERTIFICATION REPORT

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Avenue, #307
Harbor City, CA 90710
TEL: (213) 530-5006

TANK REMOVAL CERTIFICATE #: 02891
Date: 2/16/93
Permit #: LAFD 2875
Site: L.A. Convention Center
Address of tank: 1301 S. Figueroa
Los Angeles CA
Client: T.T.M.S.

TANK DESCRIPTION	TANK SIZE	TANK NUMBER	TANK CONTENTS	RESULTS OF TANK INSPECTION
Underground tank	500 ~~550~~ gallon	2875	Gasoline	LEL 0% TIME 5:30 P.M.

The tank(s) described above has/have been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank(s) and no visible contamination has been observed except as noted below.

EXCEPTION: None

THE AMERICAN BOARD OF INDUSTRIAL HYGIENE INCORPORATED CERT. NO. #1973 1433 PENNSYLVANIA 1960 STUART E. SALOT, Ph.D.

The tank(s) described above is/are approved for removal and transportation.

INSPECTED BY: [signature]

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1973 & 1433)

CLIENT COPY White | CTL COPY Green | FIRE DEPARTMENT COPY Canary | TRANSPORTERS COPY Pink | TRANSPORTERS COPY Goldenrod

ABANDONMENT info. sheet

UGTE UNIT

disk 2 ugt 10-30-92

STATUS OF TANKS ON SITE

A. Have all tanks been abandoned on this site? (YES) or NO - How many tanks left? ____

B. Are any tanks going to be installed on this site in the future? (YES) - How many? 3 or NO

ROUTING INSPECTORS - Insert ONE copy in each of the following:
1. Div 5 package (original) 2. Inspection blue book 3. Data entry 4. Haz Mat Box F.S. _____ Fac. No. _____

Site address 1301 S Dameron	Inspection District No. 382	Division 5 permit No. 2815
Inspector name Hogan, Armando K	Inspector No. 382	Date of abandonment 2-16-93
Contractor TMS	Resp Person Chris	Phone no.

TANK INFORMATION

Facility/Tank I.D. no	Tank size Metal or FRP(circle)	Product	Soils test	No. of samples	Soil color of tank bed, pile, trench, or pit	Tank condition: Holes	Final LEL
1	500 (M) / F	GAS	ECIS 8020-TPH	1		N/A	0
2	M / F						
3	M / F						
4	M / F						
5	M / F						
6	M / F						
Soils pile				1		Destination of tanks:	
Piping trench				0			
Dispenser pit				0		D&J Russell	

Describe excavation: Odor 0 Liquid in hole 0 Other 0

DOCUMENTS: NECESSARY FOR A COMPLETE PACKAGE

ABANDONMENT METHOD (CHECK)	☑ WASH	HAZARD WASTE	FILL IN PLACE	Documents 30 days
Abandonment info sheet				3-16-93 Due date
Time log - Site specific sheet				
Division 5 permit, application, and plot plans				
Cleaning certificates				Collect on-site
Uniform manifest: rinse liquid or tank	rinse	tank	rinse	Collect on-site
Uniform manifest - Piping that is not flushed				Collect on-site
Certificate of disposal - Tank				
Certificate of disposal - Piping				
Soil Analysis Report				
Chain of custody				
Plot plan - showing locations of samples				
Division 4 fire permit registration - for tanks discovered on site, that have not been previously paid for.				

SOILS REPORT INFORMATION *mg/kg* - per million *ug/kg* - per billion

	Action level	Enter highest reading in mg/kg	Exceeds Action level
TPH	100 PPM (mg/kg)	PPM	YES NO
Benzene	1 PPM (mg/kg)	PPM	YES NO
Toluene	50 PPM (mg/kg)	PPM	YES NO
Xylene	50 PPM (mg/kg)	PPM	YES NO
Ethyuene	50 PPM (mg/kg)	PPM	YES NO
Total lead	0-200 PPM above bkgrd	PPM	YES NO
Water samples	anything detected	mg/kg ug/kg	YES NO

Misc. comments

Package completion & forwarding date:

○ Check here for comments on back

ENVIRONMENTAL ENGINEERING

T.T.M.S. INC.

SUBJECT: FIELD MONITORING, SOIL SAMPLING AND SUBMITTAL TO A STATE CERTIFIED ENVIRONMENTAL LABORATORY.

TO WHOM IT MAY CONCERN

This is to confirm that the following employee of **T.T.M.S. INC.** is authorized to perform soil sampling and supervision of field activities pertaining to Underground Storage Tank Compliance Programs inclusive of UST Removals, Soil Investigation, Monitoring Systems and other related technical environmental services:

Mr. Jozsef Aknai

Your cooperation in recognition of this certification is appreciated. Please contact me if you have any questions.

Sincerely,

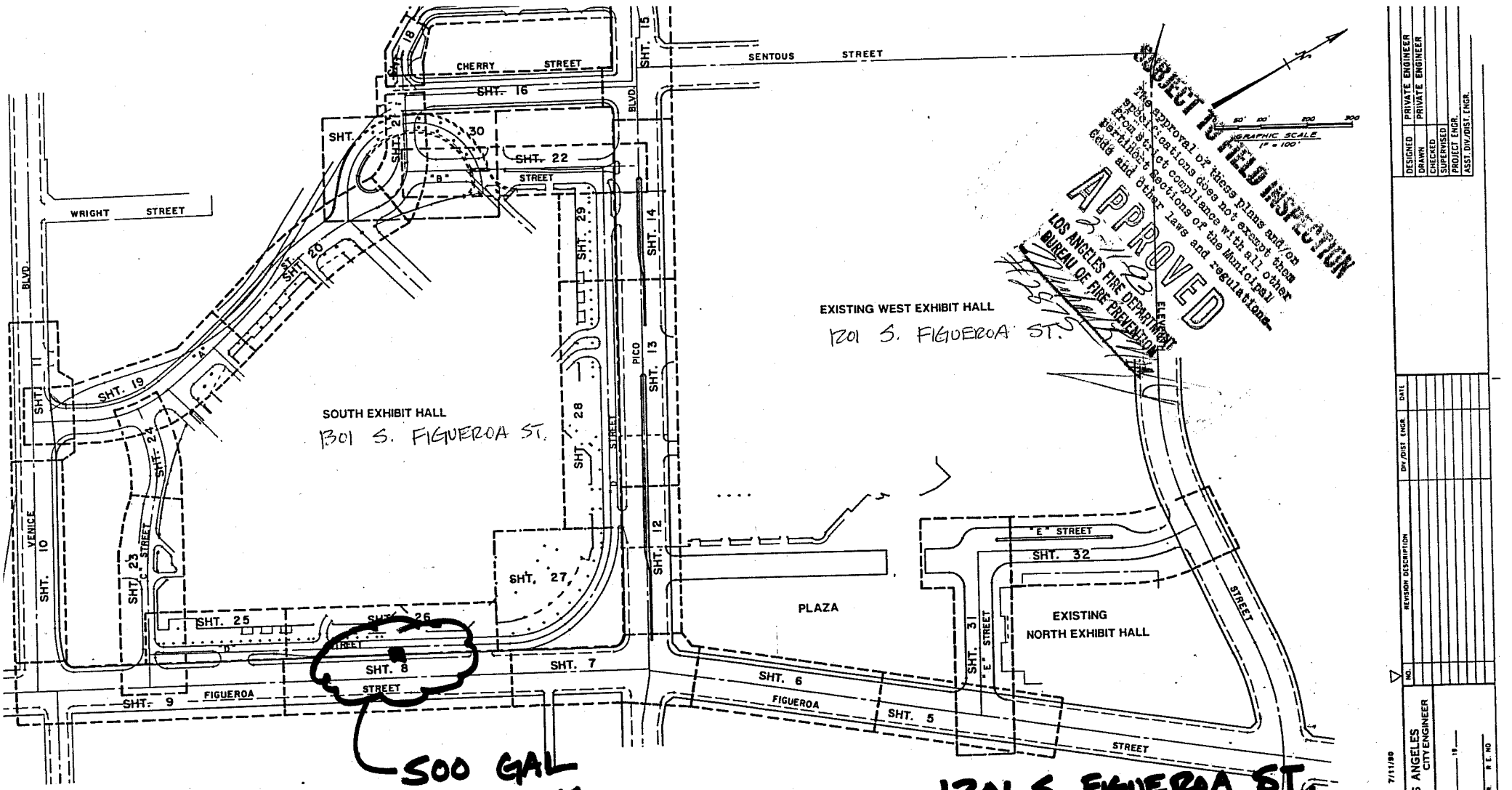
Richard Hadsall

Richard Hadsall, R.G.
Registered Geologist

REGISTERED GEOLOGIST
RICHARD HADSALL
NO 1017
CERTIFIED
ENGINEERING
GEOLOGIST
EXP June 94
STATE OF CALIFORNIA

Soils Chain
Plot
2-16-93
1301 S Figueroa

5701 W. SLAUSON AVE., SUITE #140, CULVER CITY, CA 90230 (310) 568-3290 · (800) 660-TTMS


SUBJECT TO FIELD INSPECTION
The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent sections of the Municipal Code and other laws and regulations.
APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
GRAPHIC SCALE
1" = 100'
EXISTING WEST EXHIBIT HALL
1201 S. FIGUEROA ST.
SOUTH EXHIBIT HALL
1301 S. FIGUEROA ST.
PLAZA
EXISTING
NORTH EXHIBIT HALL
CHERRY STREET
SENTOUS STREET
WRIGHT STREET
PICO BLVD.
VENICE BLVD.
FIGUEROA STREET
"E" STREET
SHT. 2
SHT. 5
SHT. 6
SHT. 7
SHT. 8
SHT. 9
SHT. 10
SHT. 11
SHT. 12
SHT. 13
SHT. 14
SHT. 15
SHT. 16
SHT. 18
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SHT. 22
SHT. 23
SHT. 24
SHT. 25
SHT. 26
SHT. 27
SHT. 28
SHT. 29
SHT. 30
SHT. 31
SHT. 32
500 GAL FUEL TANK TO BE MANIFESTED AS HAZARDOUS WASTE
1301 S. FIGUEROA ST.
KEY MAP
SCALE: 1"=100'
CONVENTION CENTER EXPANSION
PERIMETER PUBLIC IMPROVEMENTS W.O.EXX-95111
DESIGNED PRIVATE ENGINEER
DRAWN PRIVATE ENGINEER
CHECKED
SUPERVISED
PROJECT ENGR.
ASST. DIV./DIST. ENGR.
NO. REVISION DESCRIPTION DIV./DIST. ENGR. DATE
CONSTRUCTION 7/11/00
CITY OF LOS ANGELES
CITY ENGINEER
ROBERT S. HORII
DATE ____ 19__
DIV./DIST. ENGR. R.E. NO
SCALES HORIZ. 1"=100'
VERT. 1"=
SHEET 2
INDEX NUMBER

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

SCANNED

DEC 20 2004

June 3, 1993

TO: John D. Cockayne, Department of Public Works, Bureau of Engineering, Geotechnical Section

Attention: Mr. Glen Ito

FROM: Fire Department

SUBJECT: LOS ANGELES CONVENTION CENTER
1301 SOUTH FIGUEROA STREET
LOS ANGELES, CALIFORNIA

The Fire Department has reviewed the report dated February 1993, as submitted by Department of Public Works, Bureau of Engineering, Geotechnical Section.

Based on the information provided, this Department has determined that no further action is required at this time.

If you require additional information from the Los Angeles City Fire Department, contact Inspector Henry J. Amparan, of the Underground Tank Plan Check Unit, at (213) 485-7543.

Jim N. Digrado

Jim N. Digrado, Captain I
Commander, Underground Tank Plan Check Unit

JND:HJA:la:6050w

DIV. 4 - 714 / 715 # 007946-69 LAFD # 2905 Fire Station District # 10 Field Office HOGAN

F-280

FIRE DEPARTMENT—CITY OF LOS ANGELES

APPLICATION FOR PERMIT—ATMOSPHERIC UNDERGROUND TANK(S)

Reg. No. 2875

Date 2/11/93

PLEASE TYPE OR PRINT:

Name of Owner: CITY OF LOS ANGELES, CONVENTION CENTER DEPT. DICK WALSH, GENERAL MANAGER	Doing Business As: LOS ANGELES CONVENTION CENTER
Address of Owner: 1201 S. FIGUEROA ST., LOS ANGELES, CA. 90015	Owner's Phone: (213) 741-1151
Address of Site: 1301 S. FIGUEROA ST., LOS ANGELES, CA. 90015	Phone at Installation: (213) 749-5011
Contractor's Name: ENVIRONMENTAL ENG. TTMS INC.	
Address: 5701 W. SLAUSON AVE #140 CULVER CITY State: CA. Zip: 90230 Contact: HAMID ASSADI	
Signature of Applicant: FOR ROBERT HORII CITY ENGINEER	Title: CIVIL ENGINEER — Contractor's Phone: (213) 748-1297

QTY.	ITEM	I.D. NO(S)	FEE
☒ 1	UGT/S ABANDONMENT BY REMOVAL 1 - 500 GAL UNDERGROUMD FUEL TANK	EPA # CAD 981631716 State Contractor Type / # 579579 City Business # 599254 -31	Exempt—Div. 4 - 714 / 715
☐	UGT/S ABANDONMENT IN PLACE		
☐	UGT/S INSTALLATION		
☐	UGT/S ADD TO / ALTER: MONITORING		
☐	UGT/S ADD TO / ALTER: PIPING		

Total Fee	Approved	Disapproved	Date	Inspector
EXEMPT	☒	☐	2-11-93	

EWM/MAC/4-14-89

FACILITY I.D. 2905 INSP. NO. 375

LOS ANGELES CITY FIRE DEPARTMENT
UNDERGROUND TANK TIME LOG
SITE SPECIFIC INVOICE

NO. SHEETS FOR THIS SITE _____

DBA City of L.A. - Convention Center

SUBSTANCE _____

FACILITY ADDR 1301 S. Figueroa St

PETROLEUM ( ) YES ( ) NO

CITY LA ZIP 90015 DIV 5 / ASSIGMT NO (circle one) 2875

DATE FIRST REPORTED 2/11/93

DATE OF WORK	NAME OF EMPLOYEE print full name full Civil Service signature	EMPLOYEE CLASS CODE	ACTIVITY CODE	ACTION	HOURS WORKED ST	HOURS WORKED OT	HOURLY RATES ST	HOURLY RATES OT	INDIRECT COST	TRAVEL & PER DIEM	TOTAL LABOR COST
2/11/93	Michael R Daly		16	9	5						

ACTIVITY

____ 00 ADMINISTRATIVE SUPPORT
____ 01 ACCOUNTING/INVOICE PREP
____ 02 REPORT/CORRESPONDANCE
____ 03 PUBLIC PARTICIPATION?HEARING
____ 04 TRAINING

ACTIVITY

____ 05 SUPERVISION
____ 06 CLERICAL/DATA ENTRY
____ 07 RESEARCH
____ 08 EQMT SUPPLY/MAINT
____ 09 STAFF MEETING

ACTIVITY

____ 10 SITE INSPECTION
____ 11 SAMPLING
____ 12 RP CONSULTATION
____ 13 COUNTY PERSONNEL CONSULT'N
____ 14 GOV. PERSONNEL CONSULTATION

ACTIVITY

____ 15 REPORT DATA REVIEW
____ *16 PLAN CHECK*
____ *17 OTHER - describe*
____ *18*
____ *19*

ACTION

____ 1 FACILITY INSPECTION
____ 2 REINSPECTION
____ 3 LEAK INVESTIGATION
____ 4 CONTAMINATION INVEST
____ 5 MONITORING

ACTION

____ 6 INSTALL
____ 7 ADD/ALTER
____ 8 ABANDON IN PLACE
____ 9 ABANDON REMOVAL - washing
____ 10 ABANDON REMOVAL - haz waste

ACTION

____ 11 REPAIR TANK EQUIPMENT
____ 12 TANK LINING
____ 13 TANK REPAIR
____ 14 SITE ASSESSMENT - soil
____ 15 SITE ASSESSMENT - water

ACTION

____ 16 REMEDIATION - soil
____ 17 REMEDIATION - water
____ 18 SOILS ANALYSIS
____ 19 WATER CLEANUP - related
____ 20 OTHER - describe on the back

ENVIRONMENTAL ENGINEERING
T.T.M.S. INC.

HOGAN

RECEIVED
JAN 7 1991
UNDERGROUND TANK
ENFORCEMENT UNIT

Mr. Masoud Sepahi
Los Angeles Convention Center
1201 South Figueroa St.
Los Angeles, California 90015

SUBJECT: REMOVAL OF UNDERGROUND STORAGE TANK/S L.A. CITY.

Dear Masoud:

TTMS Inc would like to submit this report for the removal of the underground tanks at the LA City convention center. The report contains the details of the tank removal activities at the subject site.

Please call if you any questions concerning this report.

Sincerely,

Hamid Reza Assadi
Registered Environmental Assessor

REGISTERED ENVIRONMENTAL ASSESSOR
HAMID REZA ASSADI
No. 01076
Expires:
STATE OF CALIFORNIA

Richard Hadsall
Registered Geologist

REGISTERED GEOLOGIST
RICHARD HADSALL
NO. 1017
CERTIFIED
ENGINEERING
GEOLOGIST
EXP.
STATE OF CALIFORNIA

HA:vm
Encl

5701 W. SLAUSON AVE., SUITE #140, CULVER CITY, CA 90230 (213) 568-8290 · (800) 635-1863

REMOVAL OF AN UNDERGROUND STORAGE TANK LOCATED AT:

LOS ANGELES CONVENTION CENTER
1201 S. Figueroa Street
Los Angeles, California 90015

TANK NUMBER SIX(6)

November 1990

Prepared For

City of Los Angeles
200 North Main Street
Los Angeles, California 90012

TABLE OF CONTENTS

Page

1. Executive Summary 1
2. Site Description.....2
3. Groundwater Depth.....2
4. Field Operations and Observations.....2
5. Laboratory Analysis.....5
6. Conclusions.....5
7. Recommendations.....5
8. Disclaimer.....6

APPENDICES

A. Figures

B. Laboratory Reports and Chain of Custody Records

C. Uniform Hazardous Waste Manifests and Certificates

D. Permits

1.0 EXECUTIVE SUMMARY

T.T.M.S., Inc was retained by City of Los Angeles Convention Center to remove an underground storage tank at their facility.

After obtaining the required permits copies of which are enclosed in appendix D, five hundred gallons of fresh oil was pumped from the tank, using a vacuum truck and hauled to a TSDF.

The tank was removed from the site on October 30, 1990 and hauled to a TSDF site (Erickson, Inc.) as a Non-RCRA Hazardous Waste Solid. The tank was then decontaminated at their facility and sent to American Metal Recycling (AMR) for recycling (Manifests and certificates are enclosed in Appendix C).

One soil sample was obtained from the bottom of the excavation. The sample was extracted by a T.T.M.S. representative. Inspector Smith of the L.A. City Fire Department was present during the removal and sampling process. The chain of custody and laboratory analysis results are enclosed in Appendix B.

The results of the laboratory analysis of the soil sample determined the presence of contamination in the vicinity of the tank.

2.0 SITE DESCRIPTION

The tank was located at the Los Angeles Convention Center construction site. The area was used for storage of construction equipment and parking of heavy machinery.

A 550 gallons underground storage tank containing fresh oil was located at the site. The area adjacent to the tank was flat and the tank was located at approximately 30 feet below the elevation of Pico Boulevard.

Figure 1. in Appendix A shows the location of the site and Figure 2 shows the location of the tank.

3.0 GROUNDWATER CONDITIONS

According to records made available by the Los Angeles County Department of Public Works, Groundwater Recharge and Water Quality Section, Hydraulic Water Conservation Division, the nearest wells to the site are well # 2735A, 2746.

Table 1: LA PWD GROUNDWATER INFORMATION

WELL NUMBER	DATE READ	GROUND SURFACE ELEVATION	WATER SURFACE ELEVATION	GROUND SURFACE TO WATER SURFACE (Feet)
2735A	4-18-84	232.0	95.4	137.2
2746	12-18-72	242.3	97.2	145.1

Based on the well information the groundwater in the area is considered deep.

4.0 FIELD OPERATIONS AND OBSERVATIONS

The subject tank was discovered during the construction program at the convention center. The subject tank was exposed by the city contractors prior to removal by TTMS INC.

On October 30, 1990 approximately 500 gallons of fresh oil was pumped from the tank and transported to a TSDF site (Petroleum Recyclers Inc.). Following the removal of the tank contents, 200 pounds of dry ice was placed in the tank and the tank was removed from the excavation and hauled to Erickson, Inc., a treatment storage and disposal facility (TSDF). The tank was transported by a hazardous waste transporter as a NON-RCRA HAZARDOUS WASTE SOLID. It was then decontaminated at Erickson's facility and then transported to American Metal Recycling (AMR) for destruction.

The manifests and the certificate of destruction are enclosed in Appendix C.

After the removal of the tank from the excavation a hand auger was used to drill to the depth of two feet beneath the tank excavation and a steel spoon sampler containing two (2) stainless steel 2" O.D. liners was driven into the soil by a 15 pound hammer at the sampling location. After the sampling operation the sampling tubes were removed from the sampler. One tube was prepared for shipment to a state certified environmental laboratory. The ends of the sampling tube was lined with aluminum foil and capped with plastic end caps and then taped to reduce the possibility of volatilization. Duplicate soil sample extracted was field monitored using an OVA (Gastech 1238). The results of the field monitoring of duplicate soil sample did not indicate the presence of elevated levels of contamination (see Table 3).

Table 3: Results of field monitoring of duplicate soil samples using Gastech 1238.

SAMPLE #	LOCATION	OVA READING (ppm)
SPT-6-1	2 feet below the middle of the tank	55 ppm

Following the sampling process the sample was placed in an ice chest with blue ice and sent to a state certified environmental laboratory (NET) for analysis.

Monitoring of duplicate soil samples did not indicate the presence of contamination due to unauthorized releases from the tank. However, olfactory evidence after the removal of the tank did indicate the possibility of some contamination.

5.0 LABORATORY ANALYSES

The sample was analyzed by the EPA method 418.1 for Total Recoverable Petroleum Hydrocarbons and EPA method 8020 for Benzene, Toluene, Xylenes and Ethylbenzene.

The laboratory analysis results of the sample from the tank excavation indicated the presence of low levels of contamination (168 ppm) due to possible unauthorized releases from the tank (see Appendix E).

6.0 CONCLUSIONS

The soil adjacent to the tank is determined to be contaminated to above action levels by the laboratory analyses of the soil samples at a certified environmental laboratory (NET).

7.0 RECOMMENDATIONS

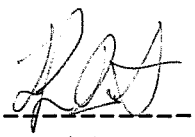
Based on the results of the laboratory analysis of the soil sample (168 ppm) some contamination is present beneath the tank. It is not clear whether the contamination is limited to a small plume directly beneath the tank or if it extends to other areas. It is therefore recommended to either remove the contaminated soil or investigate the size of the plume by drilling a minimum of three

boreholes in the vicinity of the tank to the maximum depth of 40 feet.

8.0 DISCLAIMER

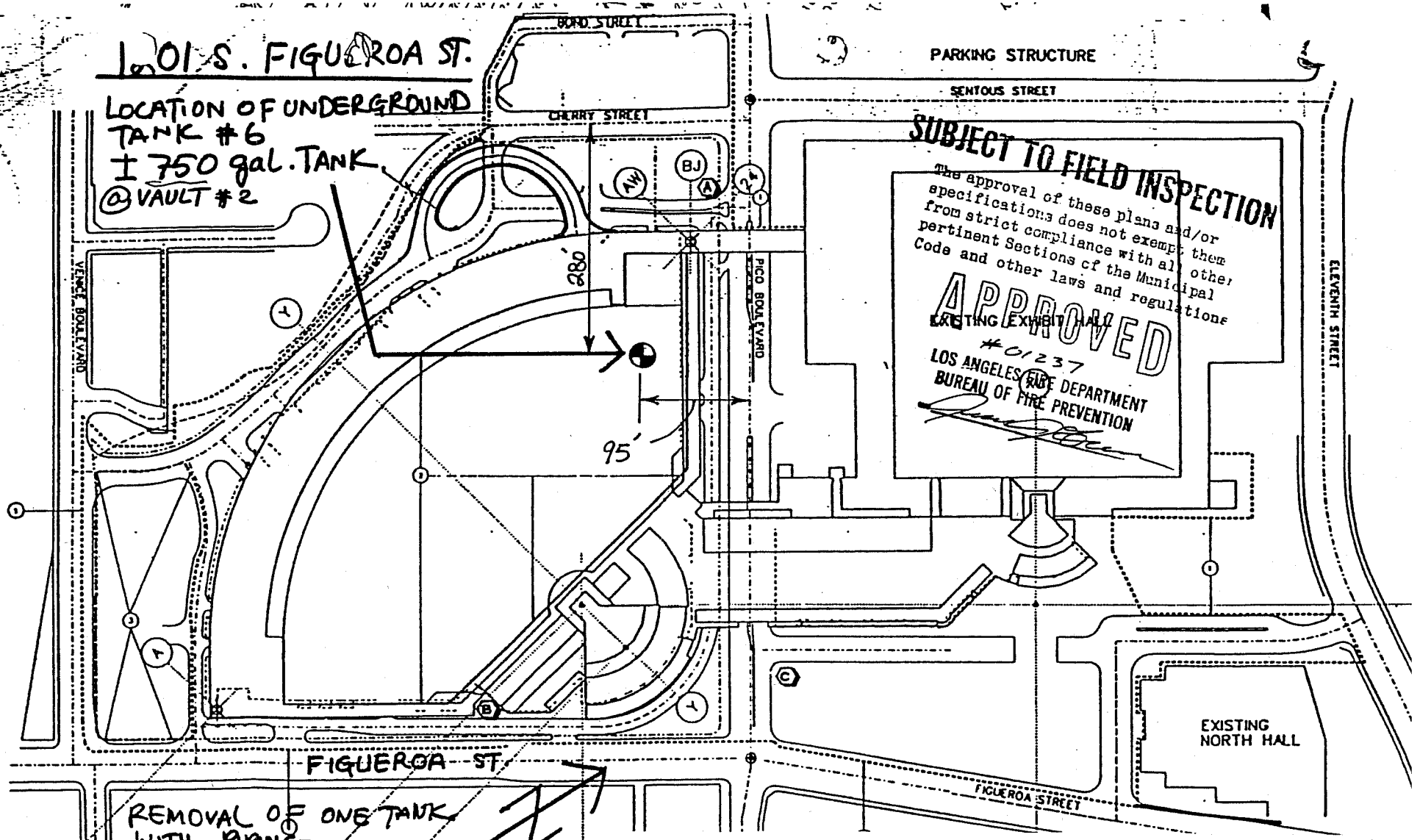
All properties are subject to some environmental risks. These risks cannot be eliminated completely. Many commercial and industrial properties that were developed prior to the enactment of modern environmental laws are particularly prone to risks associated with environmental hazards which include, but are not limited to materials or wastes which might be toxic, ignitable, corrosive or reactive. The identification or mitigation of the potential environmental hazards from the work that has been performed or prior to the development or redevelopment of the property can lead to the reduction or elimination of the impact of the environmental hazards on the use of the property. In some cases, it is not possible to ascertain that hazardous materials/wastes are present on the property prior to development.

No warranty, expressed or implied, of any kind is made or City of intended in connection with this report, or by any other oral or written statement.

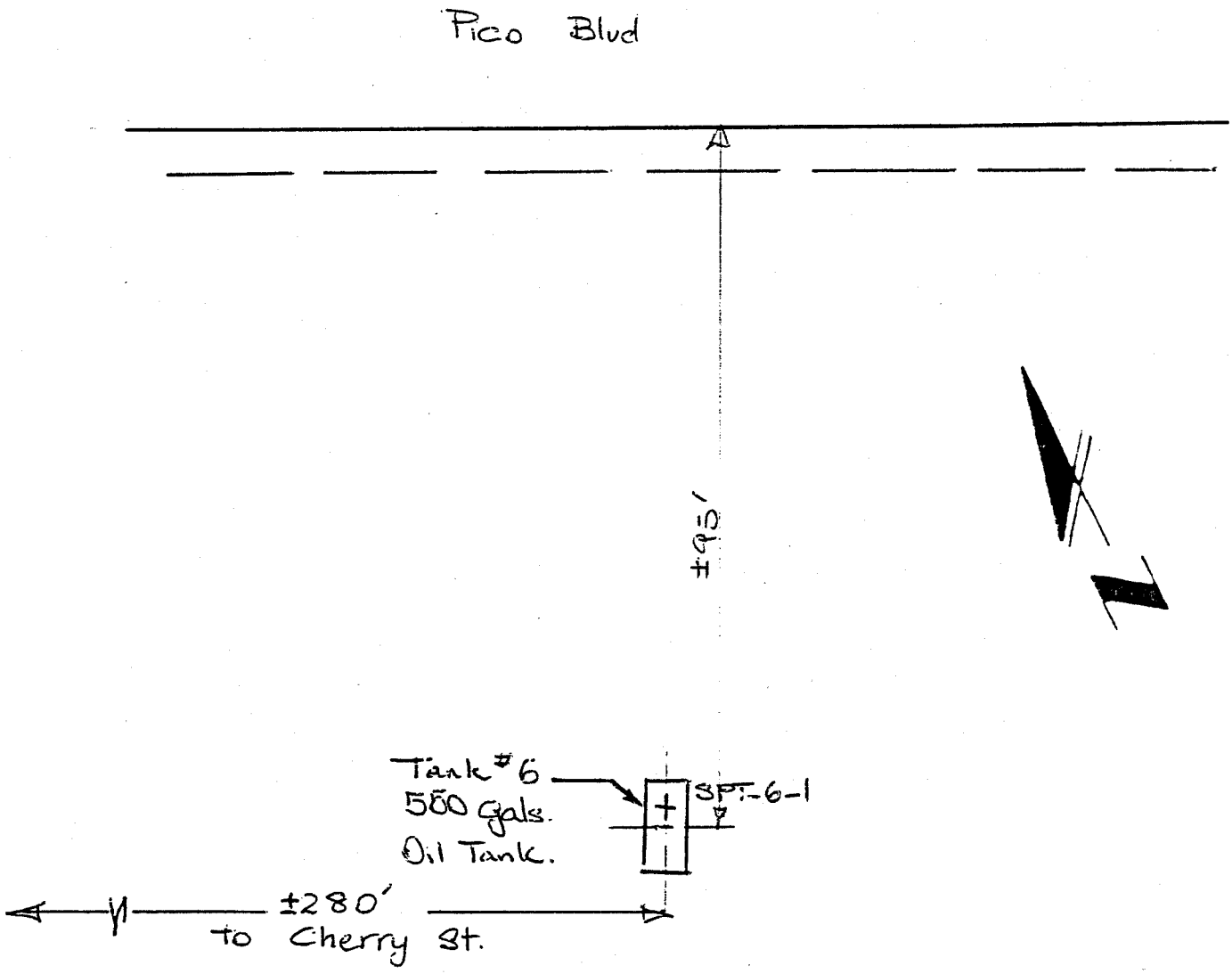


Hamid Reza Assadi
Project Manager

APPENDIX A



SITE PLAN: SHOWING LOCATION OF SITE.		T.T.M.S. INC. 5701 W. SLAUSON AVE. SUITE 140, CULVER CITY (213) 568-8290 (800) 660-TTMS
SCALE: NONE	DATE: 11-9-90	
SITE: LOS ANGELES CONVENTION CENTER 1201 S. FIGUEROA ST. LOS ANGELES, CA. 90015		JOB NO. 11648 / DRAWING NO. 1.



SPT-6-1 Location of sample beneath the tank.

SITE PLAN: SHOWING LOCATION OF TANK.		T.T.M.S. INC. 5701 W. SLAUSON AVE. SUITE 140, CULVER CITY (213) 568-8290 (800) 660-TTMS
SCALE: NONE	DATE: 11-9-90	
SITE: LOS ANGELES CONVENTION CENTER 1201 S. FIGUEROA ST. LOS ANGELES, CA. 90015		JOB NO. 11648 / DRAWING NO. 2.

APPENDIX B

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Pacific, Inc.
Burbank Division
700 South Flower Street
Burbank, CA 91502
Tel: (213) 849-6595
Fax: (818) 954-0232

DOHS Certificate Number: 1192

Formerly: Burmah Technical Services, Inc.

11-06-90

Hamid Assadi
T.T.M.S. INC.
Environmental Engineering
5701 W Slauson Ave. No.140
Culver City, CA. 90230

Client Ref: LA C.C.C. / 11648

Sample analysis for the project referred to above has been completed and results are located on attached pages.

Should you have questions regarding procedures or results, please feel welcome to contact our Client Services Representatives or the Laboratory Director.



Harold Vernon
Laboratory Director

HV:rm
Attachments:
Analytical Reports
Chain of Custody Document

Client Net Acct No: 104
NET Job No: 3085

NET Pacific, Inc.

Client Name: T.T.M.S. INC.
Client Ref.: LA C.C.C. / 11648

NET Job No.: 3085 Date Reported: 11-06-90
Lab Series : 19522 Date Received: 10-31-90 1045

Matrix : Soil

Sample ID : SPT6-1
Lab No. : 19522

ANALYTES/METHOD		RESULTS	M.D.L.	UNITS
TRPH (non-polar)	418.1	168	10	mg/Kg
Method 8020				
Date Extracted		10-31-90		
Date Analyzed		11-03-90		
Detection Limit Multiplier		1		
AROMATIC VOLATILES				
Benzene		ND	0.05	mg/Kg
Ethylbenzene		ND	0.07	mg/Kg
Toluene		ND	0.07	mg/Kg
Xylenes, total		ND	0.14	mg/Kg
Surrogate Spike		--		
Chlorobenzene		97		% Rec

ND - Not Detected at the Practical Quantitation Limit

T.T.M.S. INC.

5701 W. SLAUSON AVE. • SUITE # 140 • CULVER CITY, CA 90230
PHONE: (213) 568-8290 • (800) 660-TTMS • FAX: (213) 568-8299

3085

CHAIN OF CUSTODY RECORD

Date 10-31-90

Page 1 of 1

PROJECT NAME / NUMBER
L.A.C.C.C. / 11648

PROJECT MANAGER
H R Assadi

SAMPLERS: (SIGNATURE)

SAMPLE NUMBER	LOCATION DESCRIPTION	SAMPLING DATE	SAMPLING TIME	SAMPLE TYPE WATER COMP.	SAMPLE TYPE WATER GRAB.	SAMPLE TYPE AIR COMP.	SAMPLE TYPE AIR GRAB	SOLID/ SOIL	NO. OF CONTAINER	TESTS REQUIRED
SPTC-1	Bonbeth Tank # 6	10-30-90						✓	1	EPA 418.1 & EPA 8020 BTXE

Relinquished by: (signature)	Received by: (Signature)	Date: 10-31-90	Time: 9:20
Relinquished by: (signature)	Received by: (Signature)	Date: 10-31-90	Time: 10:45
Relinquished by: (signature)	Received by: (Signature)	Date:	Time:

Shipment Method:

After Analysis, Samples to be: ❑ Disposed of ❑ Saved for Storage (90 days max.)

Special instructions:

Special instructions:

APPENDIX C

L.A. C.C.C. Tank #6.

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 35689

TANK DISPOSAL FORM

Date: 11-6 ,19 90
Job #:
P. O. #:

CONTRACTOR: ERICKSON, Inc.
ADDRESS: 13738 Slover Ave., Fontana, CA 92335
JOB SITE: ERICKSON
ADDRESS: 13738 Slover Ave., Fontana, CA 92335
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

#31175/530
#31185/578
#31191/591,593 (Both are Fiberglass)
#31197/603
and associated piping

✓	Services Rendered	Cost
___	Disposal Fee	200.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	300.00
___	Fiberglass Tank Disposal Fee Per Tank	400.00
2	Fiberglass Tank Delivered	200.00
___	Bobtail Disposal Fee	250.00
___	Cancellation Fee	250.00
	TOTAL CHARGES	$400.00

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
1	280		☒	.14	
	500			.21	
	550			.24	
2	750		☒	.44	
	1000 - 6 ft.			.61	
	1500			.87	
	2000			.97	
	2500			1.14	
	3000			1.32	
	4000			1.84	
	5000			2.42	
	6000			2.84	
	7500		☒	3.26	
2	8000	☒		3.44	
	9000			3.82	
	10000			4.33	
	12000			4.93	

NO. OF TANKS: 5 TOTAL NET TONS: 0

•F 2 FIBERGLASS •S 3 STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

Cheryl Lorie
AUTHORIZED REP.

November 6, 1990
DATE

CONTRACTOR COPY

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

CARRIER: American Metal Recycling, Inc. SCAC

Carrier's No. _____ Date 11/06/90

TO: Consignee American Metal Recycling, Inc. Street 2202 S. Milliken Ave. Destination Ontario, CA Zip 91761	**FROM:** Shipper Erickson, Inc. Street 13738 Slover Ave. Origin Fontana, CA Zip 92335

Route: | Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		Non-Dot regulated material gas free, decontaminated					
		underground tanks for scrap	None	N/A	N/A	N/A	None
		#31175/530 (280)					
		#31197/603 (550) #31185/578 (550)					

Remit C.O.D. to:
Address:
City: State: Zip:

COD Amt: $

C.O.D. FEE:
Prepaid ☐
Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

FREIGHT CHARGES
☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO — FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: Erickson, Inc.
PER: J. M. Wissink
DATE: 11/06/90

CARRIER: American Metal Recycling, Inc.
PER: _____
DATE: 11/06/90

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

9-BLS-A3
(Rev. 9/88)

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK,
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

CERTIFICATE

Certified Services Company
13738 Stover Avenue
Fontana, California 92335

Day o.

Telephone
(714) 355-5601

No. LA- 603 #31197

TTMS, Inc.

For: Erickson, Inc. Tank No.(s.) 603 Location: Fontana, CA Date: 10/31/90 Time: 12:42 PM

Test Method: Visual/Gastech 1314 SMPN Last Product: Waste Oil

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
One (1) 550 gallon steel tank	Safe for Fire: < 1% LEL
	Safe for Men: 20.9% Oxygen
	Hydrocarbon: < 10 PPM

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Representative Title: Manager

Inspector

State of California—Health and Welfare Agency
Form Approved CMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

TKS 2.6 Guide

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981631716 — Manifest Document No.
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: LA City Conv. CTR. 213-741-1551
1201 S. Figueroa
L.A. CA. 90015

4. Generator's Phone ( )

4. State Manifest Document Number: 90113175

5. Transporter 1 Company Name: NIETO AND SONS TRUCKING — 6. US EPA ID Number: CAT080016116

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address: PETROLEUM RECYCLERS INC.
1835 E. 29th STREET
SIGNAL HILL, CA 90806 — 10. US EPA ID Number: CAT080011059 — 213-595-[illegible]

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. NON RCRA HAZARDOUS WASTE LIQUID	001	T	09600	G	State: EXEMPT
b.					State:
c.					
d.					

15. Additional Descriptions for Materials Listed Above:
NO SMOKING
GLOVES
GOGGLES

16. Special Handling Instructions and Additional Information:
DENENNO KERDOON CAT080[illegible] — 213-[illegible]
2000 N. ALAMEDA
COMPTON, CA 90222

17. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: For D.A.C.S. Contractor — Signature — Month/Day/Year: 1/03/90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jose Hunt — Signature — Month/Day/Year: 1/03/90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month/Day/Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name — Signature — Month/Day/Year

GENERATOR

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90113175

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DA
To: P.O. Box 400, Sacramento, CA 95812-0400

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91) 31197
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981631716 — Manifest Document No. 00170

2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
General Services Dept.
200 N. Main St., Room 800 CHE
Los Angeles, CA 90012 Attn: G. Wilkins
10/1 CONVENTION CENTER

A. State Manifest Document Number 88646636

B. State Generator's ID HY H03601361393

4. Generator's Phone (213 485-5809

5. Transporter 1 Company Name A & J Environmental — 6. US EPA ID Number CAD982491896

C. State Transporter's ID #4597

D. Transporter's Phone 714 625-3328

7. Transporter 2 Company Name — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
ERICSON
13734 Slover ave
Fontana CA 92335 CAD982484933

10. US EPA ID Number

G. State Facility's ID CAD982484933

H. Facility's Phone 714 355-5601

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE EMPTY STORAGE TANK NON-RCRA HAZARDOUS WASTE	001	TP	00550	P	State 512 / EPA/Other None
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
EMPTY STORAGE TANK ONCE CONTAINING PETROLEUM BY PRODUCT

K. Handling Codes for Wastes Listed Above
a. 01 b. c. d.

15. Special Handling Instructions and Additional Information
GLOVES AND GOGGLES TANK # 603

16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: X WASOUD SEPAHI — Signature — Month Day Year: 10 30 90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: CARIS EDWARDS — Signature: Chris Edwards — Month Day Year: 10 30 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space
Box #2 PAGE 1 OF 1 Left incomplete
Box #9 Facility name should read ERICKSON INC.

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: MICHAEL OYALA — Signature — Month Day Year: 10 30 90

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88646636

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DAYS

APPENDIX D

F-350

Granted 10-29-90

Expires 10-29-91

Fire Department
City of Los Angeles
P E R M I T

Reg. No. 01237

Fee Paid Exempt-714

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to: MUST COMPLY WITH FPB REQUIREMENT NO. 41.

Name

City of Los Angeles

Mail to

T.T.M.S. Incorporated
5701 West Slauson Avenue Suit#140
Culver City, CA 90230

Permit to: Abandon atmospheric tank(s) as per plans and specifications submitted to the Fire Prevention Bureau and subject to the field inspector's approval at the site.

Location

1201 South Figueroa Street
Los Angeles

BY ORDER OF CHIEF ENGINEER

By: JF Fire Marshal

SCANNED
DEC 20 2004

LEO A. DALY/ROBERT E. McKEE
1211 West Pico Boulevard, Los Angeles, CA 90015

PROJECT MANAGER for LOS ANGELES CONVENTION & EXHIBITION CENTER EXPANSION

FAX COVERSHEET

FAX NO: (213) 749-0596 / CONFIRM NO: (213) 749-5011

DATE: 7-27-92.

LADCO JOB NO: 412886

FAX NO: (213) 237-0321

TO: Inspector Halgin L.A. Fire Dept.

FROM: Masood Sepehr, L.A. Fire Dept.

SUBJECT: Tank Leaks, Underground Tank Removal @ Los Angeles Convention Center Expansion

Dear Sir,

Per Geotechnical Services direction, any remaining saturated soil with heavy staining of waste oil will be removed, manifested and disposed to disposal land fill. Geotechnical Services Section will monitor the activity to supervise and monitor.

Sincerely yours,
Masood Sepehr
(213) 749-5011

RECEIVED
JUL 27 1992
UNDERGROUND TANK
ENFORCEMENT UNIT

Number of Pages including this page 4

FACSIMILE TRANSMITAL

DATE	July 24
NAME	LA Convention Center
COMPANY NAME:	Masoud.
FROM:	Lisa
FAX NUMBER:	213-749-0096
NUMBER OF PAGES:	
COMMENT:	

PLEASE CALL US AT (310) 568-8290 IF YOU HAVE NOT RECEIVED ALL THE PAGES OR HAVE QUESTIONS.

TANK LOCATION : Venice Parking Structure
LACC Expansion Project.

AMERICAN ANALYTICS

LABORATORY ANALYSIS REVIEW

Client: TTMS, Inc.
Project No.: 11757
Project Name: LA Convention Ctr
Sample Matrix: Soil
Method: EPA 8020 (BTEX)

AA Project No.: A10762
Date Sampled: 7/23/92
Date Received: 7/23/92
Date Analyzed: 7/24/92
Units: µg/Kg
Date Reported: 7/24/92

AA I.D.#	Client I.D.	Results (ppb) Benzene	Ethylbenzene	Toluene	Xylenes
10090	SSTIC	13	230	130	1,000
10091	SSSFIC	ND	ND	ND	6.5
10092	SSTIC2	ND	ND	ND	ND
Detection Limits:		5	5	5	5

ND: Not detected at or above the concentration of the detection limits

Larry L. Schalauer, Ph.D.
Laboratory Director

ll

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: TTMS, Inc.
Project No.: 11757
Project Name: LA Convention Center
Sample Matrix: Soil
Method: EPA 418.1

AA Project No.: A10762
Date Sampled: 7/23/92
Date Received: 7/23/92
Date Analyzed: 7/24/92
Units: mg/Kg
Date Reported: 7/24/92

AA ID No.	Client ID	Total Petroleum Hydrocarbon Results (ppm)	Detection Limits (ppm)
10090	B8S1C	5,100	750
10091	B5SF1C	86	7.5
10092	B8T1C	45	7.5

ND: Not detected at or above the concentration of detection limits

Larry L. Schlaeger, Ph.D.
Laboratory Director

ljm

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CITY ENGINEER
ROOM 800, CITY HALL
LOS ANGELES, CA 90012

RECEIVED
OCT 16 1990
UNDERGROUND TANK
ENFORCEMENT UNIT

GEOTECHNICAL SERVICES

2426 Altman Street
Los Angeles, CA 90031

FAX: (213) 225-7818 Phone: (213) 485-3805

FACSIMILE INFORMATION SHEET

DATE: 10/16/90

TIME: 8:45 am

SCANNED
DEC 20 2004

THE FOLLOWING PAGES ARE FOR:

NAME: Insp. Armando Hogan

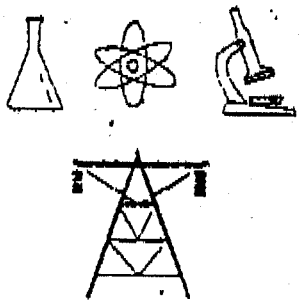
DEPT: LA Fire Dept.

FROM: Mike Mulhern, Geotech. Services 485-3805

The total number of pages being transmitted 7 including this cover sheet.

Notes: Convention Center results from 10/9/90 pull of "Tanks 3 & 4" - Essentially clean - below action levels.

L&TSS



CHEMISTRY LABORATORY

FAX

DATE 10-16-90

TO:

MR./MS. Mike Mulhern

RM. NO.

TEL NO. 485-3805 FAX NO.

SUBJECT Convention Center C56297

NO. OF PAGES TO FOLLOW 5

FROM:

L&TSS CHEMISTRY LABORATORY, 1630 N. MAIN ST., BLD 7

SENDING PARTY Stanley Kung

TEL NO. 481-6607 FAX NO. (213) 482-7259

ARTMENT OF WATER & POWER
THE CITY OF LOS ANGELES
POWER SYSTEM

CHEMISTRY LABORATORY DATA REPORT

Site Investigation
Underground Tank Removal, Convention Center Expansion Site

Four samples of soil, taken on October 9, 1990 from the excavation site of an abandoned underground tank at Convention Center Expansion Site were submitted by the Geotechnical Services Section, Department of Public Works, City of Los Angeles for the determination of total petroleum hydrocarbons (TPH), purgeable volatile organics (PVO), and diesel (DSL) contents.

These sample were analyzed by the Chemistry Laboratory of Laboratory and Technical Services, Power Design and Construction Division, Department of Water and Power. The methods for measuring TPH, PVO and DSL contents in soil are USEPA methods 418.1, 8260 and 8015 (modified). The method practical quantitation limits (PQL) for TPH and DSL are 10 milligrams per kilogram (ppm). The TPH and DSL results are listed below and the PVO results are attached.

If you have any questions or if further information is required, please contact Mr. Stanley Kung at (213) 481-6607.

DATA

Log No	Sample	Date Analyzed	ppm TPH	ppm DSL
G11910	S-8, Convention Center	10/12/90	11	< 10
G11911	S-9, Convention Center	10/12/90	< 10	< 10
G11912	S-10, Convention Center	10/12/90	< 10	< 10
G11913	S-11, Convention Center	10/12/90	26	< 10

Date Completed: 10/16/90
Work Order No.: IDO 000012
Job Card No.: J89884
Copies to: M. Mulhern(3)
H. W. Rupp
T. B. Hemming
S. M. Kung

Test Made by:RPG,KH
Report by: SMK
Checked by:

Approved: _____
T. B. Hemming
Director of
Chemistry laboratory

CHEMISTRY LABORATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

Report No. C 5629
Supplement 7

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics
EPA SW-846 Method 8260-Soil

Sample Description: Los Angeles Convention Center
Sample No. S-8

Sample Log Number: G11910
Date Prepared: 10/11/90
Date Sampled: 10/9/90
Date Analyzed: 10/11/90

Compound	CAS No.	Concentration (ug/kg)	Detection Limit (ug/kg)
Acetone	67-64-1	nd	1.0
Benzene	71-43-2	nd	1.0
Bromodichloromethane	75-27-4	nd	1.0
Bromoform	75-25-2	nd	1.0
Carbon tetrachloride	56-23-5	nd	1.0
Chlorobenzene	108-90-7	nd	1.0
Chloroethane	75-00-3	nd	1.0
Chloroethylvinyl Ether	110-75-8	nd	1.0
Chloroform	67-66-3	nd	1.0
Dibromochloromethane	124-38-1	nd	1.0
Dibromomethane	74-95-3	nd	1.0
1,1-Dichloroethane	75-34-3	nd	1.0
1,2-Dichloroethane	107-06-2	nd	1.0
1,1-Dichloroethene	75-35-4	nd	1.0
trans-1,2-Dichloroethene	156-60-5	nd	1.0
1,2-Dichloropropane	78-87-5	nd	1.0
1,3-Dichloropropylene	542-75-6	nd	1.0
Ethylbenzene	100-41-1	nd	1.0
Methyl Bromide	74-83-9	nd	1.0
Methyl Chloride	74-87-3	nd	1.0
Methylene Chloride	75-09-2	nd	1.0
1,1,2,2-Tetrachloroethane	79-34-5	nd	1.0
Tetrachloroethene	127-18-4	nd	1.0
Toluene	108-88-3	nd	1.0
1,1,2-Trichloroethane	79-00-5	nd	1.0
1,1,1-Trichloroethane	71-55-6	nd	1.0
Trichloroethene	79-01-6	nd	1.0
Trichlorofluoromethane	75-69-4	nd	1.0

nd - Not detected at listed detection limit

Analyzed by: Rose Gentallan Date: 10/11/90

Reviewed by: Stanley Kung Date: 10/15/90

CHEMISTRY LABORATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics EPA SW-846 Method 8260-Soil

Sample Description: Los Angeles Convention Center
Sample No. S-9

Sample Log Number: 611911 Date Sampled: 10/9/90
Date Prepared: 10/11/90 Date Analyzed: 10/11/90

Compound	CAS No.	Concentration (ug/kg)	Detection Limit (ug/kg)
Acetone	67-64-1	nd	1.0
Benzene	71-43-2	nd	1.0
Bromodichloromethane	75-27-4	nd	1.0
Bromoform	75-25-2	nd	1.0
Carbon tetrachloride	56-23-5	nd	1.0
Chlorobenzene	108-90-7	nd	1.0
Chloroethane	75-00-3	nd	1.0
Chloroethylvinyl Ether	110-75-8	nd	1.0
Chloroform	67-66-3	nd	1.0
Dibromochloromethane	124-38-1	nd	1.0
Dibromomethane	74-95-3	nd	1.0
1,1-Dichloroethane	75-34-3	nd	1.0
1,2-Dichloroethane	107-06-2	nd	1.0
1,1-Dichloroethene	75-35-4	nd	1.0
trans-1,2-Dichloroethene	156-60-5	nd	1.0
1,2-Dichloropropane	78-87-5	nd	1.0
1,3-Dichloropropylene	542-75-6	nd	1.0
Ethylbenzene	100-41-1	nd	1.0
Methyl Bromide	74-83-9	nd	1.0
Methyl Chloride	74-87-3	nd	1.0
Methylene Chloride	75-09-2	nd	1.0
1,1,2,2-Tetrachloroethane	79-34-5	nd	1.0
Tetrachloroethene	127-18-4	nd	1.0
Toluene	108-88-3	nd	1.0
1,1,2-Trichloroethane	79-00-5	nd	1.0
1,1,1-Trichloroethane	71-55-6	nd	1.0
Trichloroethene	79-01-6	nd	1.0
Trichlorofluoromethane	75-69-4	nd	1.0

nd - Not detected at listed detection limit

Analyzed by: Rose Gentallan Date: 10/11/90

Reviewed by: Stanley Kung Date: 10/15/90

CHEMISTRY LABORATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics EPA SW-846 Method 8260-Soil

Sample Description: Los Angeles Convention Center
Sample No. S-10

Sample Log Number: G11912 Date Sampled: 10/9/90
Date Prepared: 10/11/90 Date Analyzed: 10/11/90

Compound	CAS No.	Concentration (ug/kg)	Detection Limit (ug/kg)
Acetone	67-64-1	nd	1.0
Benzene	71-43-2	nd	1.0
Bromodichloromethane	75-27-4	nd	1.0
Bromoform	75-25-2	nd	1.0
Carbon tetrachloride	56-23-5	nd	1.0
Chlorobenzene	108-90-7	nd	1.0
Chloroethane	75-00-3	nd	1.0
Chloroethylvinyl Ether	110-75-8	nd	1.0
Chloroform	67-66-3	nd	1.0
Dibromochloromethane	124-38-1	nd	1.0
Dibromomethane	74-95-3	nd	1.0
1,1-Dichloroethane	75-34-3	nd	1.0
1,2-Dichloroethane	107-06-2	nd	1.0
1,1-Dichloroethene	75-35-4	nd	1.0
trans-1,2-Dichloroethene	156-60-5	nd	1.0
1,2-Dichloropropane	78-87-5	nd	1.0
1,3-Dichloropropylene	542-75-6	nd	1.0
Ethylbenzene	100-41-1	nd	1.0
Methyl Bromide	74-83-9	nd	1.0
Methyl Chloride	74-87-3	nd	1.0
Methylene Chloride	75-09-2	nd	1.0
1,1,2,2-Tetrachloroethane	79-34-5	nd	1.0
Tetrachloroethene	127-18-4	nd	1.0
Toluene	108-88-3	nd	1.0
1,1,2-Trichloroethane	79-00-5	nd	1.0
1,1,1-Trichloroethane	71-55-6	nd	1.0
Trichloroethene	79-01-6	nd	1.0
Trichlorofluoromethane	75-69-4	nd	1.0

nd - Not detected at listed detection limit

Analyzed by: Rose Gantallan Date: 10/11/90

Reviewed by: Stanley Kung Date: 10/15/90

CHEMISTRY LABORATORY
DEPARTMENT OF WATER & POWER
OF THE CITY OF LOS ANGELES

8270 - To Start
Mass Spec. Broke
2nd half under part

CHEMISTRY LABORATORY DATA REPORT

Report of GC/MS Analysis for Purgeable Volatile Organics EPA SW-846 Method 8260-Soil

Sample Description: Los Angeles Convention Center
Sample No. S-11

Sample Log Number: G11913
Date Prepared: 10/11/90
Date Sampled: 10/9/90
Date Analyzed: 10/11/90

Compound	CAS No.	Concentration (ug/kg)	Detection Limit (ug/kg)
Acetone	67-64-1	nd	1.0
Benzene	71-43-2	nd	1.0
Bromodichloromethane	75-27-4	nd	1.0
Bromoform	75-25-2	nd	1.0
Carbon tetrachloride	56-23-5	nd	1.0
Chlorobenzene	108-90-7	nd	1.0
Chloroethane	75-00-3	nd	1.0
Chloroethylvinyl Ether	110-75-8	nd	1.0
Chloroform	67-66-3	nd	1.0
Dibromochloromethane	124-38-1	nd	1.0
Dibromomethane	74-95-3	nd	1.0
1,1-Dichloroethane	75-34-3	nd	1.0
1,2-Dichloroethane	107-06-2	nd	1.0
1,1-Dichloroethene	75-35-4	nd	1.0
trans-1,2-Dichloroethene	156-60-5	nd	1.0
1,2-Dichloropropane	78-87-5	nd	1.0
1,3-Dichloropropylene	542-75-6	nd	1.0
Ethylbenzene	100-41-1	nd	1.0
Methyl Bromide	74-83-9	nd	1.0
Methyl Chloride	74-87-3	nd	1.0
Methylene Chloride	75-09-2	nd	1.0
1,1,2,2-Tetrachloroethane	79-34-5	nd	1.0
Tetrachloroethene	127-18-4	nd	1.0
Toluene	108-88-3	nd	1.0
1,1,2-Trichloroethane	79-00-5	nd	1.0
1,1,1-Trichloroethane	71-55-6	nd	1.0
Trichloroethene	79-01-6	nd	1.0
Trichlorofluoromethane	75-69-4	nd	1.0

nd - Not detected at listed detection limit

Analyzed by: Rose Gentallan Date: 10/11/90

Reviewed by: Stanley Kung Date: 10/15/90

CITY OF LOS ANGELES
CALIFORNIA

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MAYOR

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012

DONALD O. MANNING
CHIEF ENGINEER
AND
GENERAL MANAGER

February 13, 1990

Mr. P. J. Mike Michalski
Bureau of Engineering
2426 Altman Street
Los Angeles, CA 90031

Dear Mr. Michalski:

Los Angeles Convention Center
Los Angeles, California

The Fire Department has reviewed the report dated January 25, 1990, as submitted by the Bureau of Engineering.

The Los Angeles City Fire Department is the "Lead Agency" designated to manage the underground storage tank.

All site assessments and remediation plans must be approved prior to the commencement of any work.

Based on the information provided in your report and our telephone discussion, you have remediated this site without approval. In the future, approval will be mandatory prior to the commencement of any soil remediation.

Before this Department can approve your remediation method please provide the manifests documenting the proper disposal of the contaminated soil.

Please forward the above information and all correspondence in triplicate to:

Los Angeles City Fire Department
Underground Tank Unit
Room 920, City Hall East
200 North Main Street
Los Angeles, CA 90012

Attention: Inspector Henry J. Amparan

Recyclable and made from recycled waste

Enforcement

CITY OF LOS ANGELES
CALIFORNIA

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485-6032

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EVA WHITELOCK
EXECUTIVE ASSISTANT

TOM BRADLEY
MAYOR

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012

DONALD O. MANNING
CHIEF ENGINEER
AND
GENERAL MANAGER

August 7, 1991

Mr. Masoud Sepahi
Los Angeles Convention Center
1201 South Figueroa Street
Los Angeles, CA 90015

Dear Mr. Sepahi:

Los Angeles Convention Center
1201 South Figueroa Street
Los Angeles, California

The Fire Department has reviewed the report dated January 25, 1991, as submitted by T.T.M.S. Incorporated.

Based on the information provided, this Department has determined that no further action is required at this time.

If you require additional information from the Los Angeles City Fire Department, contact Inspector Eric J. Greene, of the Underground Tank Plan Check Unit, at (213) 485-7543.

Very truly yours,

DONALD O. MANNING
Chief Engineer and General Manager

Richard Camarena, Captain I
Commander, Underground Tank Plan Check Unit

RC:EJG:la:3664w

AN EQUAL EM YMENT OPPORTUNITY – AFFIRMATIVE . ION EMPLOYER Recyclable and made from recycled waste

Enforcement

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EXECUTIVE ASSISTANT

TOM BRADLEY
MAYOR

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012

DONALD O. MANNING
CHIEF ENGINEER
AND
GENERAL MANAGER

February 24, 1993

Mr. Hamid Assadi
T.T.M.S. Incorporated
5701 West Slauson Avenue, Suite 140
Culver City, CA 90230

Dear Mr. Assadi:

Los Angeles Convention Center
1201 South Figueroa Street
Los Angeles, California

The Fire Department has reviewed the report dated October 14, 1992, as submitted by T.T.M.S. Incorporated.

Based on the information provided, this Department has determined that no further action is required at this time.

If you require additional information from the Los Angeles City Fire Department, contact Inspector Henry J. Amparan, of the Underground Tank Plan Check Unit, at (213) 485-7543.

Very truly yours,

DONALD O. MANNING
Chief Engineer and General Manager

Richard Camarena

Richard Camarena, Captain I
Commander, Underground Tank Plan Check Unit

RC:HJA:la:5722w

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If you require additional information, contact Inspector Amparan, of the Underground Tank Unit, at (213) 485-7543.

Very truly yours,

DONALD O. MANNING
Chief Engineer and General Manager

Robert T. Teachenor, Captain II
Commander, Underground Tanks

RTT:HJA:kz/1662w

cc: Mr. William Hansen
Convention Center, Construction Division

Mr. John Cockayne
Convention Center, Construction Division

Mr. Ed Pitts
General Services

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CITY ENGINEER
ROOM 800, CITY HALL
LOS ANGELES, CA 90012

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PLAN CHECK/ENVIRO

February 9, 1990

Captain Roy T. Kozaki
Underground Tank Unit
Los Angeles Fire Department
200 North Main Street
Los Angeles, CA 90012

Re: Los Angeles Convention Center Expansion
Project - Remediation of Hazardous Wastes

Dear Captain Kozaki:

Thank you very much for your time and assistance in the resolution of hazardous waste issues arising during the site preparation phase of the Convention Center Expansion Project.

Special attention should be noted of the cooperation by Inspector Henry Amparan without whose extra efforts the project could have suffered significant delay. Because of Inspector Amparan's, understanding of the problem, recommendations, and prompt review of remediation reports, we were able to proceed through the site remediation work with minimal delay attributal to that phase of the work.

Again, thank you, your assistance along with the assistance of the members of your unit have helped insure the project stays on schedule.

Very truly yours,

Robert S. Horii
City Engineer

John D. Cockayne
By John Cockayne

cc: K. Comrie
D. Walsh
B. Horii
W. Hansen
C. Simons

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DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012

DONALD O. MANNING
CHIEF ENGINEER
AND
GENERAL MANAGER

December 14, 1989

Mr. John D. Cockayne
3333 Wilshire Boulevard, Suite 202
Los Angeles, CA 90031

Dear Mr. Cockayne:

Los Angeles Convention Center Expansion
15th and Figueroa
Los Angeles, California

The Fire Department has reviewed the Soil Remediation Plan dated September 28, 1989.

Based on your report, this Department concurs with your remediation alternative.

If you require additional information, contact Inspector Henry J. Amparan, of the Underground Tank Unit, at (213) 485-7543.

Very truly yours,

DONALD O. MANNING
Chief Engineer and General Manager

Robert T. Teachenor, Captain II
Commander, Underground Tanks

RTT:HJA:la/1479w

 Recyclable and made from recycled waste

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

October 18, 1989

TO: Ms. Borgie Wiklund

FROM: Fire Department

SUBJECT: Convention Center Expansion
1417 South Figueroa Street
Los Angeles, California

The Fire Department has reviewed the site assessment dated September 5, 1989, as submitted by Crosby and Overton Incorporated. Based on the information provided we accept your findings and consider this site inactive. It is important to understand that the remediation method used was not an approved method. Prior to remediation of contaminated soil you must have this Department's approval as discussed in our meeting.

If you require additional information, contact Inspector Henry Amparan, of the Underground Tank Unit, at (213) 485-7543.

Ray Rozak

for Robert T. Teachenor, Captain II
Commander, Underground Tanks

RTT:HA:la/1277w

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MAYOR

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012

DONALD O. MANNING
CHIEF ENGINEER
AND
GENERAL MANAGER

October 16, 1989

Mr. John Benzing
Community Redevelopment Agency
354 South Spring Street, #800
Los Angeles, CA 90013-1258

Dear Mr. Benzing:

CRA-Convention Center
15th and Figueroa
Los Angeles, Califoria

The Fire Department has reviewed the preliminary report, dated September 27, 1989, as submitted by Crosby and Overton Incorporated. The report states that the site is clean. Before we can evaluate your report, we require clarification on the following points:

1. Disposal of the contaminated soil.

2. Clarification on your sampling logs and plot plans.

Please direct all correspondence to:

The Los Angeles City Fire Department
Underground Tank Unit
Room 920, City Hall East
200 North Main Street
Los Angeles, CA 90012

Attention: Inspector Henry Amparan

RECEIVED
OCT 16 1989
UNDERGROUND TANK
ENFORCEMENT UNIT

382

CITY OF LOS ANGELES
CALIFORNIA

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MAYOR

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012

DONALD O. MANNING
CHIEF ENGINEER
AND
GENERAL MANAGER

December 14, 1989

Mr. John D. Cockayne
3333 Wilshire Boulevard, Suite 202
Los Angeles, CA 90031

Dear Mr. Cockayne:

Los Angeles Convention Center Expansion
15th and Figueroa
Los Angeles, California

The Fire Department has reviewed the Soil Remediation Plan dated September 28, 1989.

Based on your report, this Department concurs with your remediation alternative.

If you require additional information, contact Inspector Henry J. Amparan, of the Underground Tank Unit, at (213) 485-7543.

Very truly yours,

DONALD O. MANNING
Chief Engineer and General Manager

Robert T. Teachenor, Captain II
Commander, Underground Tanks

RTT:HJA:la/1479w

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ENFORCEMENT UNIT

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CROSBY & OVERTON, INC.

Environmental Management

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FAX (213) 436-7540
(213) 495-4011 ▪ (213) 432-5445

'89 JUL 13 A8:41

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PREPARED FOR: CITY OF LOS ANGELES
COMMUNITY REDEVELOPMENT AGENCY
354 SOUTH SPRING STREET
LOS ANGELES, CALIFORNIA 90013-1258

SOIL SAMPLING IN TANK PIT EXCAVATIONS AT THE CONVENTION CENTER PARCEL LOS ANGELES, CALIFORNIA

PREPARED BY: CROSBY & OVERTON INC.
ENVIRONMENTAL MANAGEMENT
1610 W. 17TH STREET
LONG BEACH, CALIFORNIA 90813

SCANNED

SEP 15 2004

WRITTEN BY:

JOHN HUBBARD
HYDROGEOLOGIST

REVIEWED BY:

ROGER NIELSON
CA REGISTERED
GEOLOGIST #1801

TABLE OF CONTENTS

SUBJECT	PAGE NO.
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HYDROGEOLOGY	1
SAMPLING PROCEDURES	2
ANALYTICAL RESULTS	3
CONCLUSIONS AND RECOMMENDATIONS	4

FIGURES

FIGURE 1. SITE PLAN

APPENDICES

APPENDIX A. LABORATORY RESULTS

INTRODUCTION

On July 5, 1989 Crosby & Overton Inc. (C&O) collected three (3) samples pursuant to Inspector Ernest Mistrik (Los Angeles City Fire Department) at the Convention Center Parcel in the City of Los Angeles. Four 500-gallon tanks existed at the site; two were in a cluster.

TANKS AND EXCAVATIONS

Prior to the tank removals, the soil overburden was removed by a backhoe. Soils adjacent to the tank sides were also excavated to facilitate tank removal. Three pits existed as a result of the tank removals (Figure 1). Pits #1 and #3 measured out to approximately 15' x 15' x 10'. Pit #2, which contained two 500-gallon tanks, measured out to approximately 25' x 20' x 10'.

As each tank was removed it was examined by Inspector Mistrik of the Los Angeles City Fire Department. The tanks did not exhibit any holes.

HYDROGEOLOGY

Groundwater was not encountered during the excavation and tank pit removal. According to the Los Angeles Flood Control District, first groundwater is encountered some 40 feet below grade in the vicinity of the Convention Center Parcel.

SAMPLING PROCEDURES

A single soil sample was collected from each of the three tank pit excavations following the removal of the underground tanks (Figure 1). The soil sampling locations were specified and witnessed by Inspector Ernest Mistrik (Los Angeles City Fire Department).

Samples were retrieved at the approximate depths of 2 feet below the bottom of the tanks. Due to safety requirements (OSHA regulations) and the instability of open pit walls, all soil samples were obtained with a backhoe.

Samples were retrieved from the bucket of the backhoe and immediately placed in sampling jars with teflon-lined lids. The soil was tightly packed into the jars, sealed with the screw-on lids and placed on ice. This procedure maintains the sample integrity by minimizing the escape of hydrocarbons due to volatilization. The soil samples were transported under exact chain-of-custody record to West Coast Analytical Services in Santa Fe Springs for analysis on the same day as they were collected.

ANALYTICAL RESULTS

The three samples were analyzed for total petroleum hydrocarbons (TPH) (EPA modified 8015), volatiles (EPA 8020) and total lead.

Sample 1 showed 1,800 ppm gasoline and 17,000 ppm C16-C30 (by EPA modified 8015). Analysis for volatiles showed 18,000 ppb toluene, 13,000 ppb ethylbenzene, and 75,000 ppb total xylenes.

Sample 2 showed non-detectable (ND) levels of TPH; analysis for volatiles revealed 680 ppb toluene, 540 ppb ethyl benzene and 3,000 ppb total xylenes.

Sample 3 contained only 21 ppm gasoline and 360 ppm C16 - C30 (TPH) and revealed relatively minor concentrations of volatiles (eg. 16 ppb toluene and 46 ppb xylenes).

The concentrations of lead found in Sample 1 was extremely high: 6,260 ppm. This may be attributable to leakage of leaded gasoline from the tank or associated piping.

Previous studies have indicated that background levels of lead are high for this area (Reference C&O Inc. report dated 5-11-89 and IT report 2-16-89).

Concentrations of lead found in Samples 2 and 3 reflected this. The samples showed 21 ppm and 32 ppm, respectively.

CONCLUSIONS AND RECOMMENDATIONS

Laboratory analysis revealed considerable hydrocarbon contamination in tank pits 1 and 2 but only minor contamination in tank pit 3. Sample 1, eg. 1,800 ppm gasoline, 17,000 ppm C16 - C30 and 18,000 ppb toluene and Sample 2, toluene 680 ppb and xylenes (3,000 ppb) are above recommended levels that are safe to leave in the soil without the prospect of impacting groundwater (pursuant to LUFT Manual, 1987, Table 2-1).

Time constraints associated with the sale of the property require excavating the absorbed plumes in lieu of a drilling and soil sampling/analysis program.

During the course of excavation, a geologist will monitor volatile emissions from the soil with a PID. Sidewall and bottom samples will be collected and analyzed to confirm satisfactory removal of the absorbed plume.

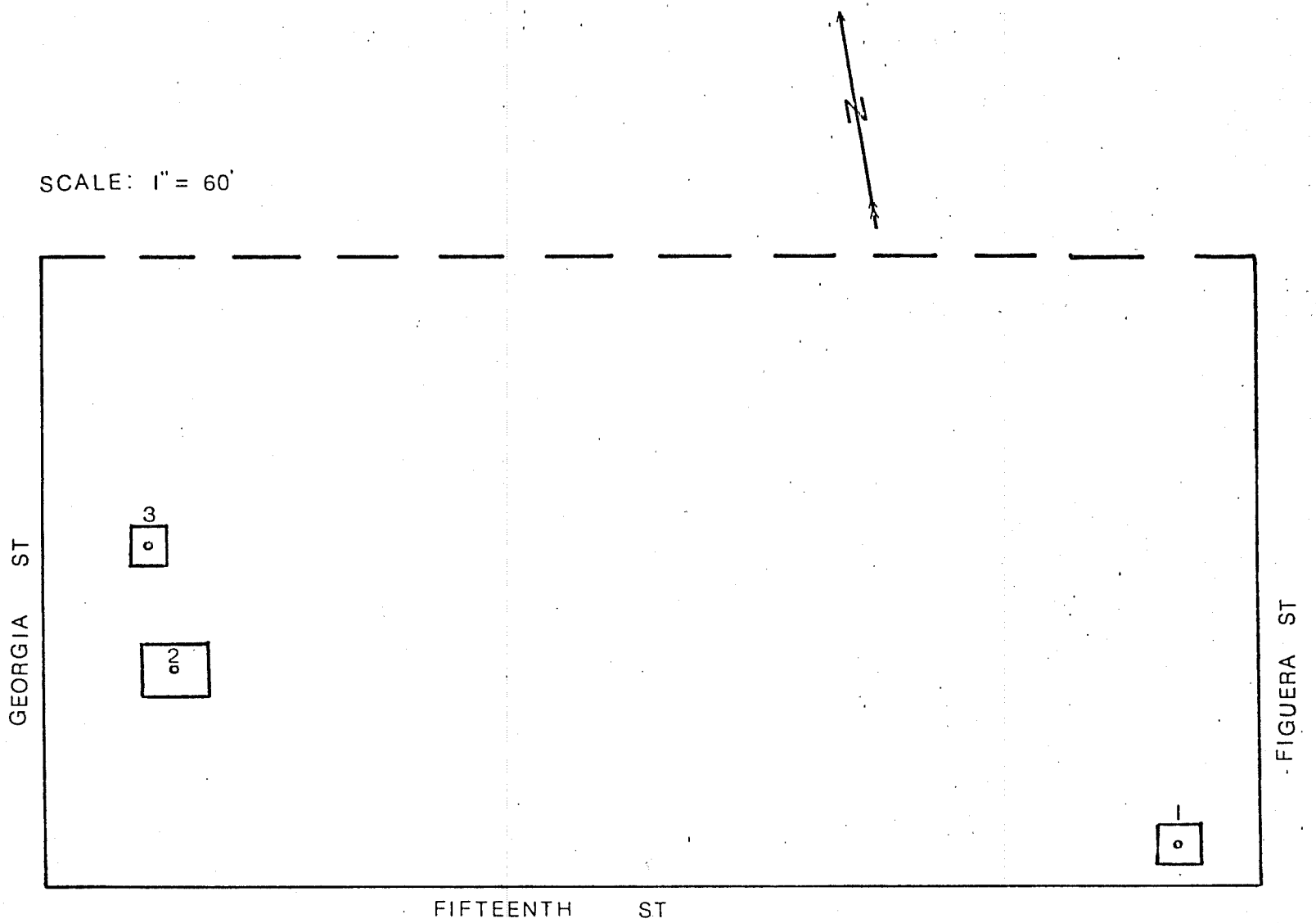


FIGURE 1. SITE PLAN

CROSBY AND OVERTON, IN
Environmental Management
1610 W. 17th Street
Long Beach, CA 90813

CROSBY & OVERTON, INC.

Environmental Management

1610 W. 17th Street
Long Beach, California 90813
FAX (213) 436-7540
(213) 495-4011 ▪ (213) 432-5445

SCANNED

SEP 15 2004

October 11, 1989

Ms. Borgie Wiklund
City of Los Angeles
Community Redevelopment Agency
354 S. Spring Street, Ste. 800
Los Angeles, CA 90013-1258

RE: Final Report of Work to Date, September 27, 1989, Subsurface Investigation for Hydrocarbon Contamination at the "Convention Center Parcel", Los Angeles, California

On July 5, 1989 Crosby & Overton Inc. (C&O) collected a soil sample in a tank pit excavation located near 15th Street and Figueroa Street on the "Convention Center Parcel" (Figure 2).

The soil sample was transported to West Coast Analytical Services (WCAS) to be analyzed for total petroleum hydrocarbons (TPH) by EPA 418.1, volatiles (EPA 8020) and total lead. Laboratory analysis revealed concentrations of TPH and volatiles well above LACFD action levels (eg. 18,800 ppm TPH and 13,000 ppb Ethylbenzene). Laboratory analysis is presented in Appendix A.

Because of the high concentrations of hydrocarbons present in the soil, a drilling and soil sampling program was implemented to determine the lateral and vertical extent of the hydrocarbon contamination.

On July 24th, six boreholes were drilled to a depth of 35 feet in the vicinity of the hydrocarbon plume (Figure 3). The project was supervised by a C&O Hydrogeologist. Soil samples were collected at 5 foot intervals with a split spoon sampler. Two of the boreholes in the vicinity of the backfill showed hydrocarbon contamination. The four "perimeter boreholes" showed no indication of contamination. The contamination appeared to have migrated vertically approximately 33 feet. An idealized drill log is presented in Appendix F).

Selected soil samples were submitted to WCAS for analysis. Laboratory analysis concurred with field observations. Samples from B-1 and B-2 showed contamination for all samples with the exception of the 35 foot sample (eg. bottom sample). Sample B-1 (15') showed 4,238 ppm TPH and Sample B-2 (20') contained 4,290 ppm TPH. Bottom samples B-1 (35') and B-2 (35') showed ND levels of TPH (Appendix B).

On August 1, the excavation and disposal of the hydrocarbon contaminated soil began. The City of Los Angeles Community Redevelopment Agency opted to dispose of the soil at Brent Petroleum, a recycler in the asphalt business. The soil was transported by GW Rowe under a non-hazardous waste data form because it was destined for recycling.

Approximately 645 yards of contaminated soil was excavated from the site. During the course of the excavation, a 3 foot clay layer was noted at approximately 33 feet. It was obvious that the hydrocarbons could not penetrate the clay as it pooled on top of it.

Five soil samples (1 bottom, 4 sidewalls) were collected in the pit at the close of excavating. The samples were analyzed for hydrocarbons to confirm that the contamination had been removed in its entirety. Laboratory analysis revealed non detectable levels of TPH and volatiles for all 5 samples (Appendix C). Thus, the hydrocarbon plume was completely removed (Figure 1).

Upon backfilling the tank pit excavation, a second tank was discovered a few feet east of the pit. The tank was 275 gallons in volume and contained what appeared to be an oily liquid. A soil sample was collected at the bottom of the tank pit pursuant to LACFD Inspector Ernest Mistrick on the day of the tank removal (8/23/89). The sample was refrigerated and transported to WCAS to be analyzed for TPH (EPA 418.1), Volatiles (EPA 8020) and organic lead. Upon analysis, the sample showed 18,000 ppm TPH (Appendix D). At this point, the LACFD Underground Tank Unit granted permission to the CRA to excavate, transport and dispose of the contaminated soil.

On September 13, 14 and 15 approximately 165 yards of contaminated soil was removed from the pit. The soil was transported by G.W. Rowe to Brent Petroleum in Wilmington.

The excavation pit was 23' deep at the end of the removal.

Five soil samples were collected at the bottom and sidewalls of the pit to confirm that the contamination was removed in its entirety. The samples were transported to WCAS the same day to be analyzed for TPH, (EPA 418.1), volatiles (EPA 8020) and organic lead. Analysis revealed concentrations of TPH $\leq$ 46 ppm for all samples. Concentrations of volatiles showed ND for all samples (Appendix E) (Figure 1).

In summary, two distinct absorbed hydrocarbon plumes were characterized and removed in their entirety. Vertical migration of the hydrocarbons was apparently impeded by a thick clay layer about 33 feet below grade.

Samples collected and analyzed below 33 feet showed ND concentrations of hydrocarbons. No further action is recommended for this site.

This report covers work done to September 27, 1989 inclusive.

Should you have any questions or comments please do not hesitate to call me at this office.

Sincerely,

CROSBY & OVERTON INC., ENVIRONMENTAL MANAGEMENT

John Hubbard
Hydrogeologist

JH:lah

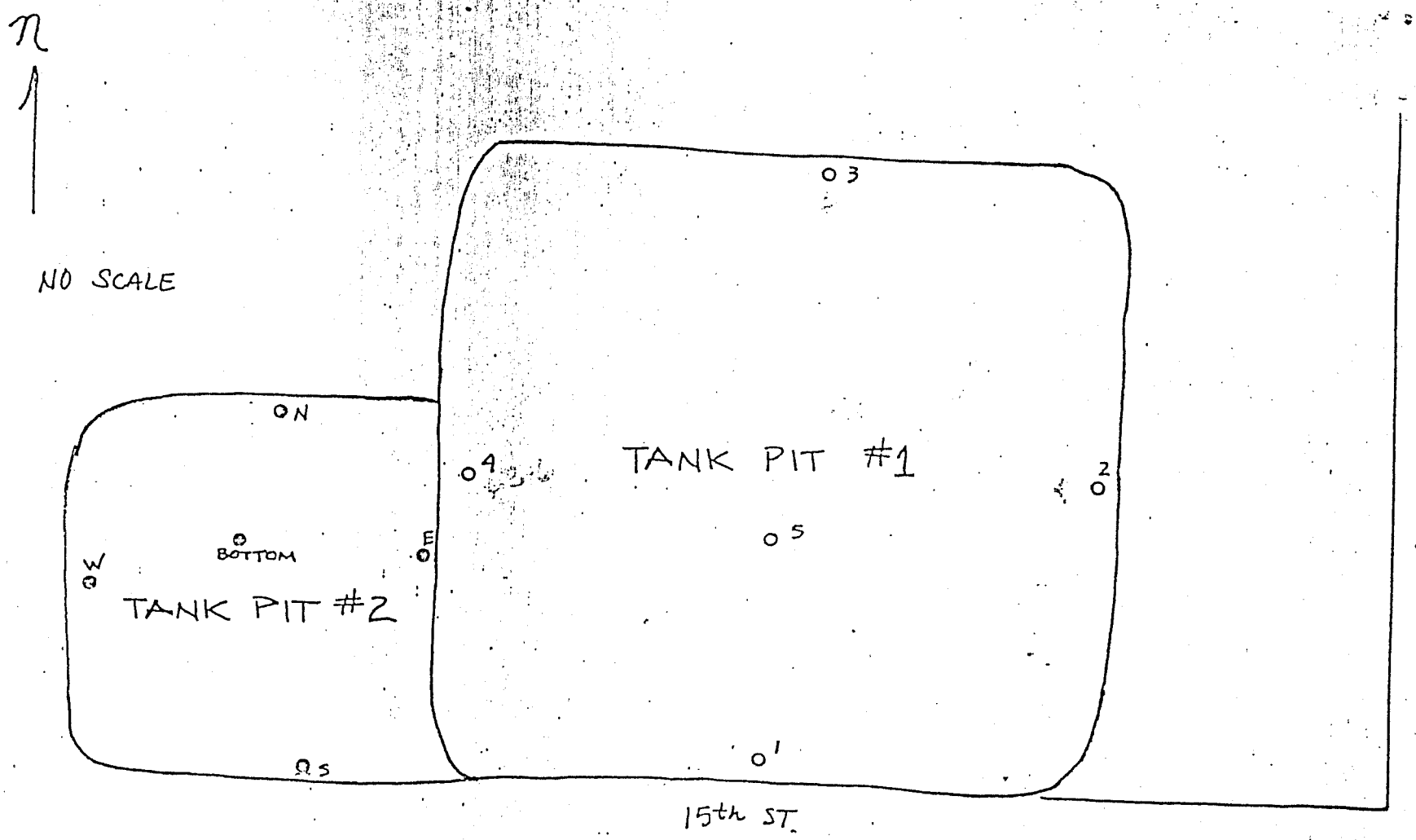


FIGURE 1. SITE PLAN WITH GRAB SAMPLE LOCATIONS

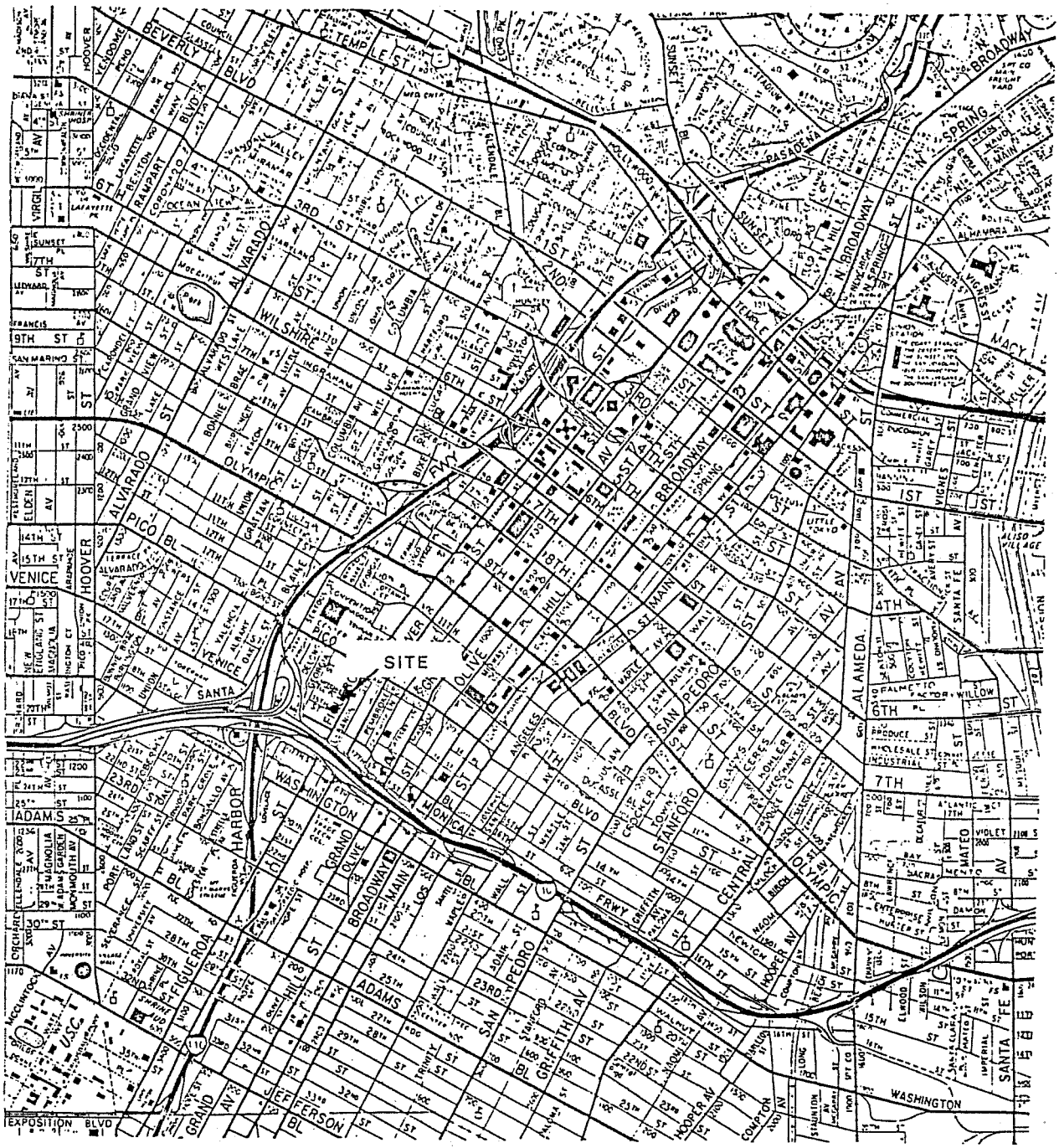


FIGURE 2. SITE LOCATION MAP

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Long Beach, CA 90813

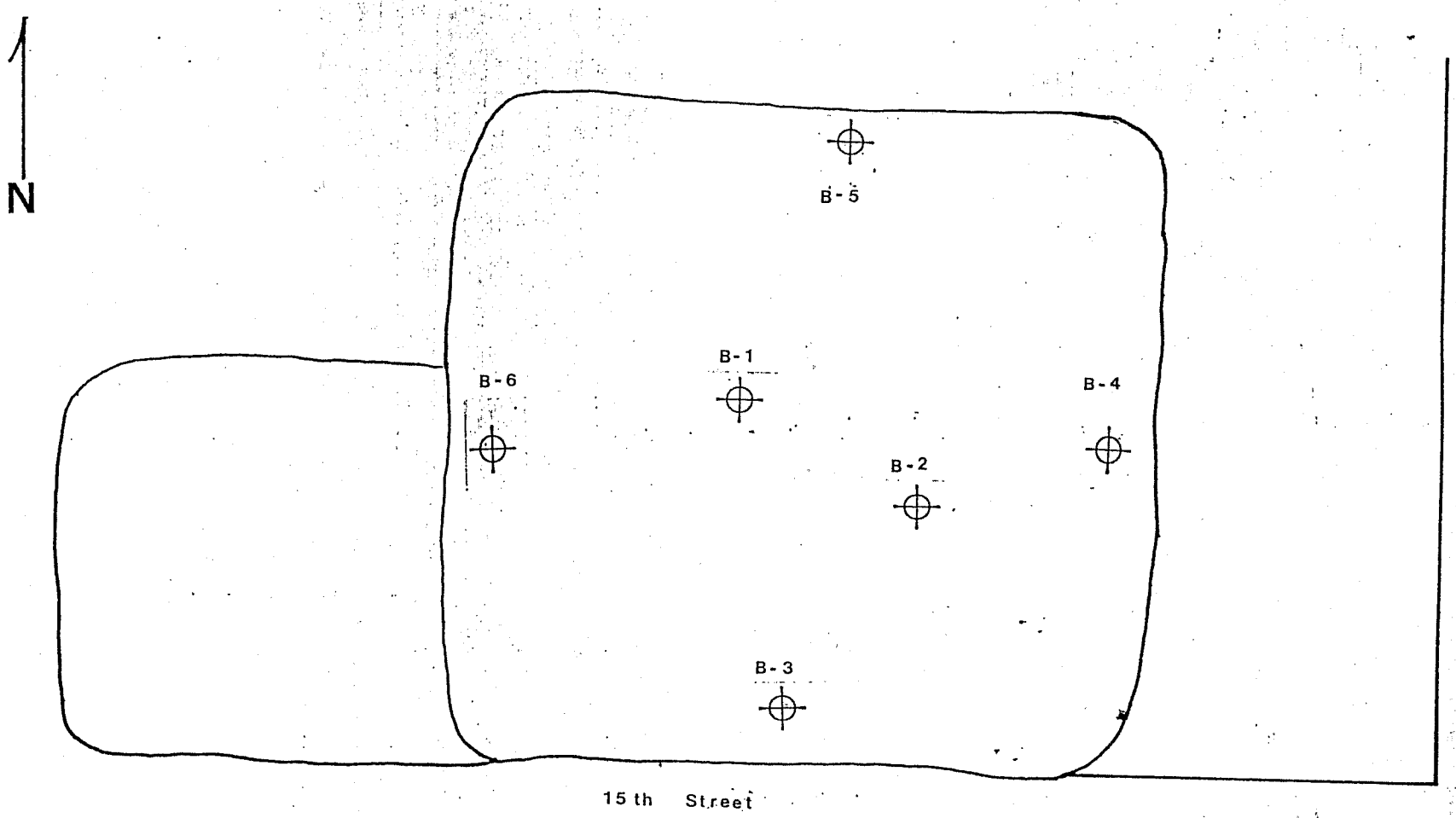


FIGURE 3. SITE PLAN WITH BOREHOLE SAMPLE LOCATIONS

No Scale

CROSBY AND OVERTON, I
Environmental Management
1610 W. 17th Street

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

SCANNED

SEP 15 2004

October 25, 1989

TO: Mr. John Benzing

FROM: Fire Department

SUBJECT: Convention Center Expansion
Tank Excavation Number 2
15th Street/Figueroa
Los Angeles, California

The Fire Department has reviewed the soil analysis report dated October 23, 1989, as submitted by Crosby and Overton Incorporated. This Department concurs with your remedial action plan. Prior to start of work, Crosby and Overton must provide a timetable for the scheduled work.

If you require additional information, contact Inspector Henry Amparan, of the Underground Tank Unit, at (213) 485-7543.

Very truly yours,

Robert T. Teachenor, Captain II
Commander, Underground Tanks

RTT:HA:la/1332w

CROSBY & OVERTON, INC.
Environmental Management
1610 W. 17th Street
Long Beach, California 90813
FAX (213) 436-7540
(213) 495-4011 • (213) 432-5445

89 OCT 23 P1:32

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October 23, 1989

1201 S. Flowers.

Mr. John Benzing
City of Los Angeles
Community Redevelopment Agency
354 S. Spring Street, Suite 600
Los Angeles, CA 90013-1258

RE: Collection and Analysis of Soil Samples Collected in Tank Pit Excavation #2 at "Convention Center Parcel", Los Angeles, CA

On Friday, October 6, 1989, Ms. Borgie Wiklund requested that Crosby & Overton observe seepage on the wall of the tank pit #2 excavation. Arrangements were made for sampling to take place on Wednesday, October 11, 1989 (Figure 1).

Because the sample location was in a steep sided unstable excavation, samples were retrieved by backhoe.

Sample G-1 was taken on the south wall of the excavation at the previously noted seep. Sample G-2 was taken on the north wall of the excavation at a seep discovered that morning. Both samples were immediately placed on ice and then transported to a laboratory for analysis.

Samples G-1 and G-2 were analyzed for TPH (Total Petroleum Hydrocarbons - EPA 418.1), volatiles (EPA 8020), and total organic lead.

Laboratory analysis of sample G-1 revealed concentrations of hydrocarbons greater than LACFD action levels. Sample G-1 showed TPH of 2100 ppm. Volatiles were below action levels.

Laboratory analysis of sample G-2 revealed concentrations of hydrocarbons below LACFD action levels.

In both samples total organic lead was not detected (Appendix A).

Additional search of available City of Los Angeles records showed no probable source of hydrocarbons from utility lines running under 15th Street.

Conclusions and Recommendations

The south wall of tank pit #2 has an area of hydrocarbon contamination. The source of contamination is most likely the tank that was removed at this site. Further excavation is recommended. However, care in excavation should be taken because of the proximity to 15th Street and the existence of utility lines underneath and adjacent to 15th Street.

Five soil samples should be taken (4 sidewalls, 1 bottom) at the end of the excavation. The samples should be analyzed for TPH, volatiles and lead to confirm that the contamination has been completely removed.

Crosby & Overton, Inc. will supervise the excavation of hydrocarbon contaminated soil at Convention Center for a cost not to exceed .....$6,000.00.

The cost includes laboratory analysis for five soil samples. Each sample will be analyzed for total petroleum hydrocarbons (EPA mod. 8015), volatiles (EPA 8020) and lead. The supervisor will determine when the contaminated soil has been completely removed by utilizing a PID.

In summary, C&O will perform the workscope outlined above on a T&M basis, not to exceed $6,000.00.

Should you have any questions or comments, please do not hesitate to call me at this office. Thank you for the opportunity to submit this bid.

Sincerely,

CROSBY & OVERTON INC., ENVIRONMENTAL MANAGEMENT

Jane Campbell

Jane Campbell
Geologist

Jack Tarango
Vice President

JC:lah

Enclosures

FIGURE 1



FIGURE 1. SITE LOCATION MAP

CROSBY AND OVERTON, INC.
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Long Beach, CA 90813

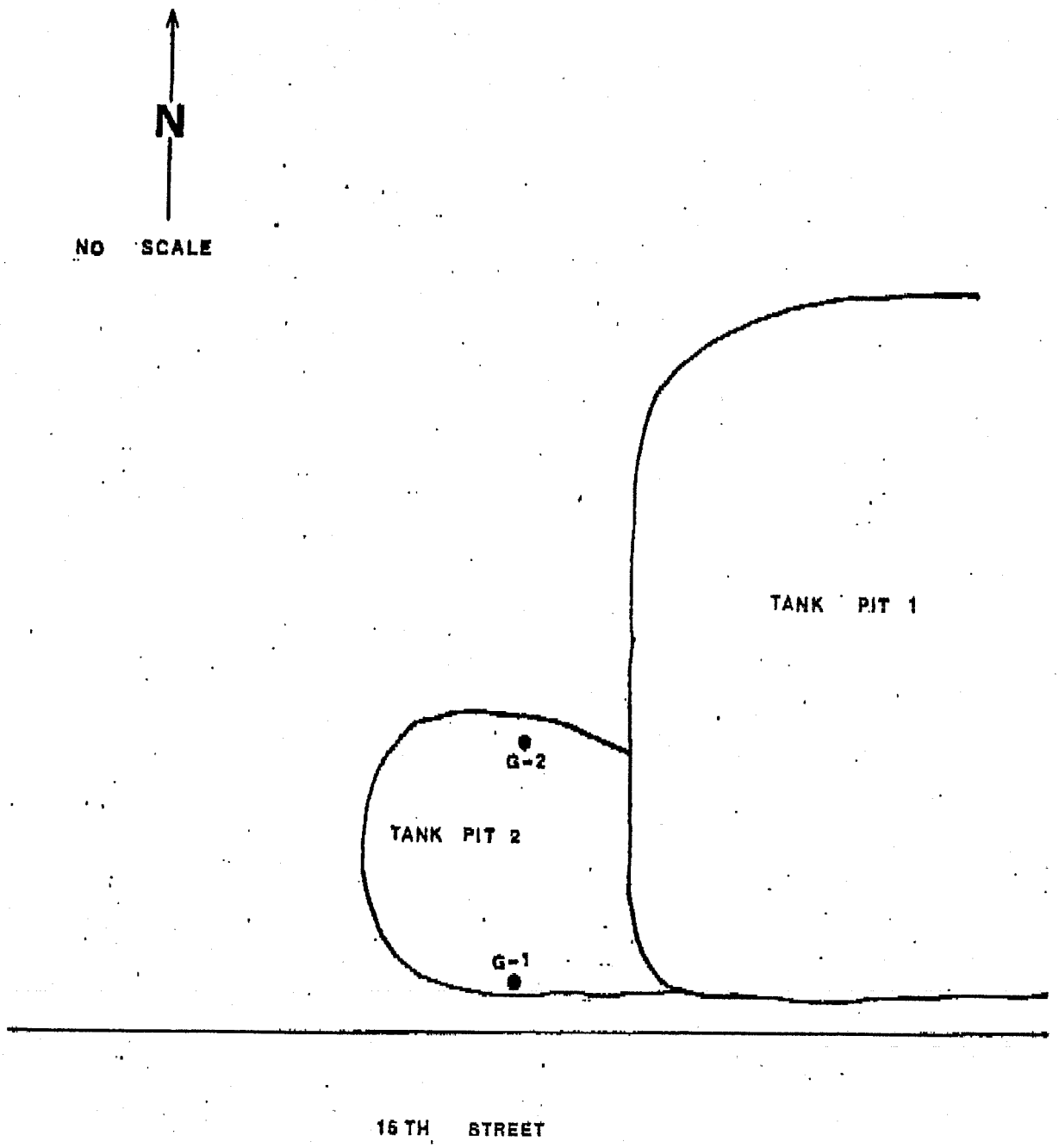


FIGURE 2. SITE PLAN

APPENDIX A

October 23, 1989

CROSBY & OVERTON
1635 Gaylord Street
Long Beach, CA 90813

Attn: Jane Campbell

JOB NO. 13902 A

LABORATORY REPORT

Samples Received: Two (2) Soil Samples
Date Received: 10-11-89
Purchase Order No: 29024/Job No. G-3668

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Two (2) soils	Volatile Aromatics by EPA 8020	Data Sheet
Two (2) soils	Organic Lead by ICPMS	Table I
Two (2) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table II

Michael Shelton
Senior Chemist

B. Michael Hovanec
Senior Staff Chemist

PRELIMINARY DRAFT
SUBJECT TO CHANGE

WEST COAST ANALYTICAL SERVICE, INC.

CROSBY & OVERTON
Ms. Jane Campbell

Job #-I3902
October 23, 1989

LABORATORY REPORT

TABLE I

Parts Per Million (mg/Kg)

Sample ID	Organic Lead
G-1	ND<0.10
G-2	ND<0.10
Detection Limit	0.10

ND-Not Detected

Date Analyzed: 10-20-89

TABLE II

Parts Per Million (mg/Kg)

Sample ID	Total Petroleum Hydrocarbons
G-1	2100
G-2	ND
Detection Limit	10

ND-Not Detected

Date Analyzed: 10-13-89

PRELIMINARY DRAFT
SUBJECT TO CHANGE

Client: CROSBY & OVERTON
Job No: 13902
Date Analyzed: 11-Oct-89
Analysis: EPA 602 (8020)

Sample: G-1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Toluene	34	1
Chlorobenzene	ND	3
Ethylbenzene	16	1
Total Xylenes	160	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1

ND-Not Detected. The limit of detection is reported above.

Client: CROSBY & OVERTON
Job No: 13902
Date Analyzed: 11-Oct-89
Analysis: EPA 602 (8020)

Sample: G-2
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	1	1
Toluene	1	1
Chlorobenzene	ND	3
Ethylbenzene	ND	1
Total Xylenes	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1

ND-Not Detected. The limit of detection is reported above.

PRELIMINARY DRAFT
SUBJECT TO CHANGE

CROSBY & OVERTON, INC.
Environmental Management
1610 W. 17th Street
Long Beach, California 90813
FAX (213) 436-7540
(213) 495-4011 ▪ (213) 432-5445

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PREPARED FOR: CITY OF LOS ANGELES
COMMUNITY REDEVELOPMENT AGENCY
354 S. SPRING STREET, SUITE 600
LOS ANGELES, CA 90013

Demo Contract 500738
Block 6
Parcel 6-5

FINAL REPORT OF WORK TO DATE, NOVEMBER 27, 1989
SURFACE INVESTIGATION FOR HYDROCARBON CONTAMINATION
AT THE CONVENTION CENTER PARCEL 6-5
LOS ANGELES, CA

PREPARED BY: CROSBY & OVERTON, INC.
ENVIRONMENTAL MANAGEMENT
1610 W. 17TH STREET
LONG BEACH, CA 90813

DECEMBER 11, 1989

WRITTEN BY:

Jane Campbell

JANE CAMPBELL
GEOLOGIST

REVIEWED BY:

Roger Nielson

ROGER NIELSON
CA RG #1801

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FIGURES

FIGURE 1. SITE LOCATION MAP

FIGURE 2. SITE PLAN

APPENDICES

APPENDIX A. LABORATORY ANALYSIS

BACKGROUND

On Friday, October 6, 1989, Borgie Wiklund of the Community Redevelopment Agency of the City of Los Angeles (CRA) and Jane Campbell of Crosby & Overton, Inc. (C&O) met at the Convention Center site, Parcel 6-5 to inspect and evaluate a discolored area on the southern wall of the previously excavated tank pit #2 (Figure 2). On Wednesday, October 11, 1989, C&O sampled the stained soil with the aid of a backhoe. The sample was secured in a glass jar with a teflon lid, placed on ice and delivered with proper chain-of-custody records to West Coast Analytical Services.

Analysis showed that sample G-1 contained 2,100 ppm total petroleum hydrocarbons (TPH), 34 ppb Toluene, 16 ppb Ethylbenzene, and 160 ppb total Xylenes. C&O recommended remediation of the site by removal of all contaminated soils with disposal at an acceptable facility.

On Friday, November 3, 1989, another sample of the stained soil was collected to enable C&O to profile the contaminated soil for disposal at GSX Services, Imperial Valley Facility. This analysis revealed an apparently anomalous flash point of 80° F. An additional sample was collected and retested for flashpoint. The new analysis revealed a flashpoint of >150° F.

EXCAVATION OF CONTAMINATED SOIL

On Monday, November 27, 1989, C&O's Geologist supervised the excavation of contaminated soil from the south wall area of tank pit #2. A photoionization detector was employed to assist the C&O Geologist to determine the limits of the contamination.

The contaminated soil was removed, and in addition, two to three feet of uncontaminated soil was excavated to insure the complete removal of all contaminated soils. A total of approximately 74 cubic yards (3 loads) of soil was excavated (Figure 2).

The soil was loaded into trucks provided by U. S. Services (State Certified waste haulers) and transported under waste manifests to CSX Services, Imperial Valley Facility in Westmoreland, California.

Immediately following the completion of the excavation five samples were collected from the sides and bottom of the excavation, placed on ice and delivered with proper chain-of-custody records to West Coast Analytical Services for analysis for TPH (EPA 418.1) volatiles (EPA 8015 modified), and Organic Lead. Analysis revealed that TPH, volatiles and Organic Lead content were ND (not detected) for all samples

It is assumed that all contaminated soil in the project area has been removed and therefore no further action is required for this site.



FIGURE 1. SITE LOCATION MAP

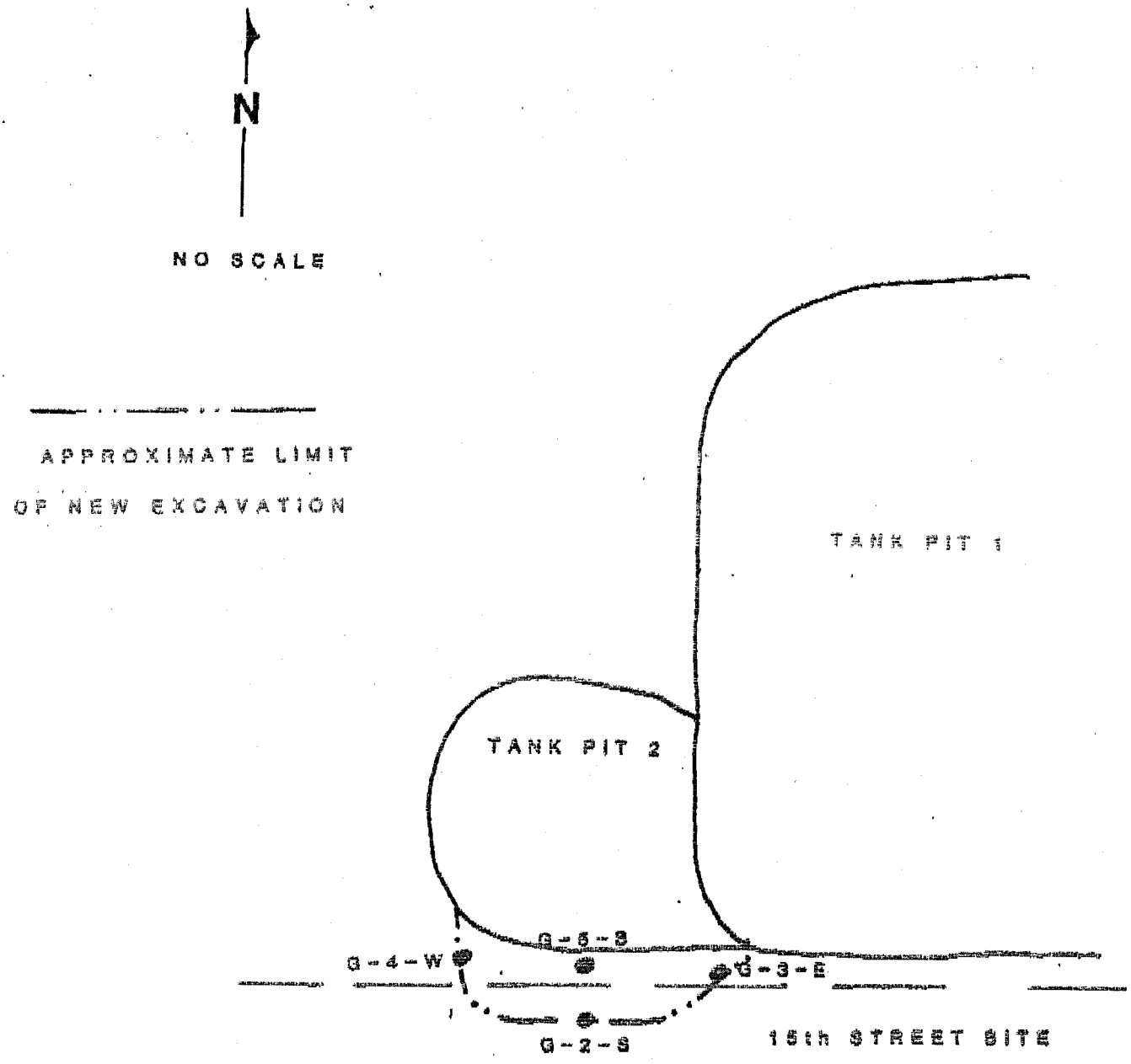


FIGURE 2. SITE PLAN

CROSBY AND OVERTON, INC.
Environmental Management
1610 W. 17th Street
Long Beach, CA 90813

Tank number: 7

Location: Approx. 300' W/O Figueroa Street and 20' N/O Pico Boulevard
Tank Size: Approx. 550 gallons.
Condition: Intact

Sampling of the tank content

Sample taken by: TTMS
Tank content: Oil/Water/Sludge.
OVA Readings: 10 PPM
NO. of Samples: One
Test Results: Appendix C (TTMS report dated November 15, 1990).

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: TTMS
Date of Removal: 11-13-90
LAFD Inspector: Hogan
OVA Readings: 35 PPM
Sample taken by: TTMS
NO. of Samples: One
Test Results: Appendix C (NET report 11-15-90, in Appendix B of TTMS report dated November 15, 1990).
Tested 99 ppm TRPH; nondetect for BTEX constituents and TPH as gasoline.

Action Taken: Site considered clean

SCANNED
DEC 20 2004

Tank number: 8

Location: Approx. 300' W/O Figueroa Street and 20' N/O Pico Boulevard
Tank Size: Approx. 550 gallons.
Condition: Intact

Sampling of the tank content

Sample taken by: TTMS
Tank content: Oil/Water/Sludge.
OVA Readings: 10 PPM
NO. of Samples: One
Test Results: Appendix C (TTMS report dated November 15, 1990).

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: TTMS
Date of Removal: 11-13-90
LAFD Inspector: Hogan
OVA Readings: 10 PPM
Sample taken by: TTMS
NO. of Samples: One
Test Results: NET report 11/8/90 (TTMS report dated November 15, 1990). (Tested 49 ppm TRPH; nondetect for BTEX constiuents and TPH as gasoline).

Action Taken: Site considered clean

Tank number: 9

Location: Approx. 300' W/O Figueroa Street and 20' N/O Pico Boulevard.
Tank Size: Approx. 550 gallon.
Condition: Intact

Sampling of the tank content

Sample taken by: TTMS
Tank content: Oil/Water/Sludge.
OVA Readings: 15 PPM.
NO. of Samples: 1
Test Results: Appendix C (TTMS report November 15, 1990).

Sampling of the soil under the tank, under the supervision of the Fire Department Inspector and removal of the tank.

Contractor: TTMS
Date of Removal: 11-13-90.
LAFD Inspector: Inspector Hogan.
OVA Readings: 22 PPM.
Sample taken by: TTMS
NO. of Samples: One
Test Results: Appendix C (NET report dated 11-15-90, TTMS report November 15, 1990).
Tested 63 ppm TRPH; nondetect BTEX constituents and TPH as gasoline)

Action Taken: Site is considered clean.

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

RECEIVED
AUG 2 8 1991
UNDERGROUND TANK
PLAN CHECK/ENVIRO

DATE: August 26, 1991

TO: Richard Camarena, Captain I
Commander, Underground Tank Plan Check Unit

FROM: John Cockayne, Division Engineer
Special Project Division

SUBJECT: LOS ANGELES CONVENTION CENTER EXPANSION - UNDERGROUND TANK AND SOIL CONTAMINATION REMOVAL

In response to your letter dated May 17, 1991, we have provided the attached report. This report provides information that you requested, in addition to coverage of our findings since the previous report dated March 29, 1991, that we submitted to the Los Angeles Fire Department.

Your letter is attached for reference and asked for the following:

1. Plot plans of site identified by parcel number and address.

SCANNED
SEP 15 2004

See attached OFFICIAL MAP NO.2, and the letter dated April 6, 1989 from Glen Nave of Survey Division to Chris Simons of the Los Angeles Convention Center (LACC), containing the Legal Description of the LACC Expansion Site.

2. Identification of the location of the underground storage tanks on plot plans as mentioned in Number 1.

See Figure 1, Plot Plan of the report.

3. Site remediation for locations of contamination placed on plot plans.

There were two areas where contaminated soils had to be removed as part of the remediation plan. Area of Tank No.5, where Tank No. 5 was removed and area of Vault 2, where Tank Nos. 10, 11, and 12 were removed. These areas are shown on Figures 1, 2, and 3.

4. Provide an approximate date for this final report.

The attached report was prepared to serve as the final report for all the activities to this date since the previous report.

If you have any question regarding this matter, please contact Masoud Sepahi of my staff at (213) 749-5011.

JC/MS:dlk(a:082691.mem)

cc: L. Mitchell
R. Follmuth
D. Walsh
C. Simons
R. Favela
R. S. Horii
R. H. Kennedy
R. K. Haraga
P. Commissariat
BOE File

SEPAHI

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

RECEIVED
MAY 21 1991
SPECIAL PROJECTS DIVISION

May 17, 1991

TO: John Cockayne, Division Engineer
Special Project Division,
Department of Public Works

FROM: Fire Department

SUBJECT: LOS ANGELES CONVENTION CENTER EXPANSION
LOS ANGELES, CALIFORNIA

The Fire Department has reviewed the report dated April 2, 1990, as submitted by Geotechnical Services Section, Bureau of Engineering.

Based on the information provided, this Department has determined that before we can consider closure you are required to submit the following:

1. Plot plans of site identified by parcel number and address.

2. Identification of the location of the underground storage tanks on plot plans as mentioned in Number 1.

3. Site remediation for locations of contamination placed on plot plans.

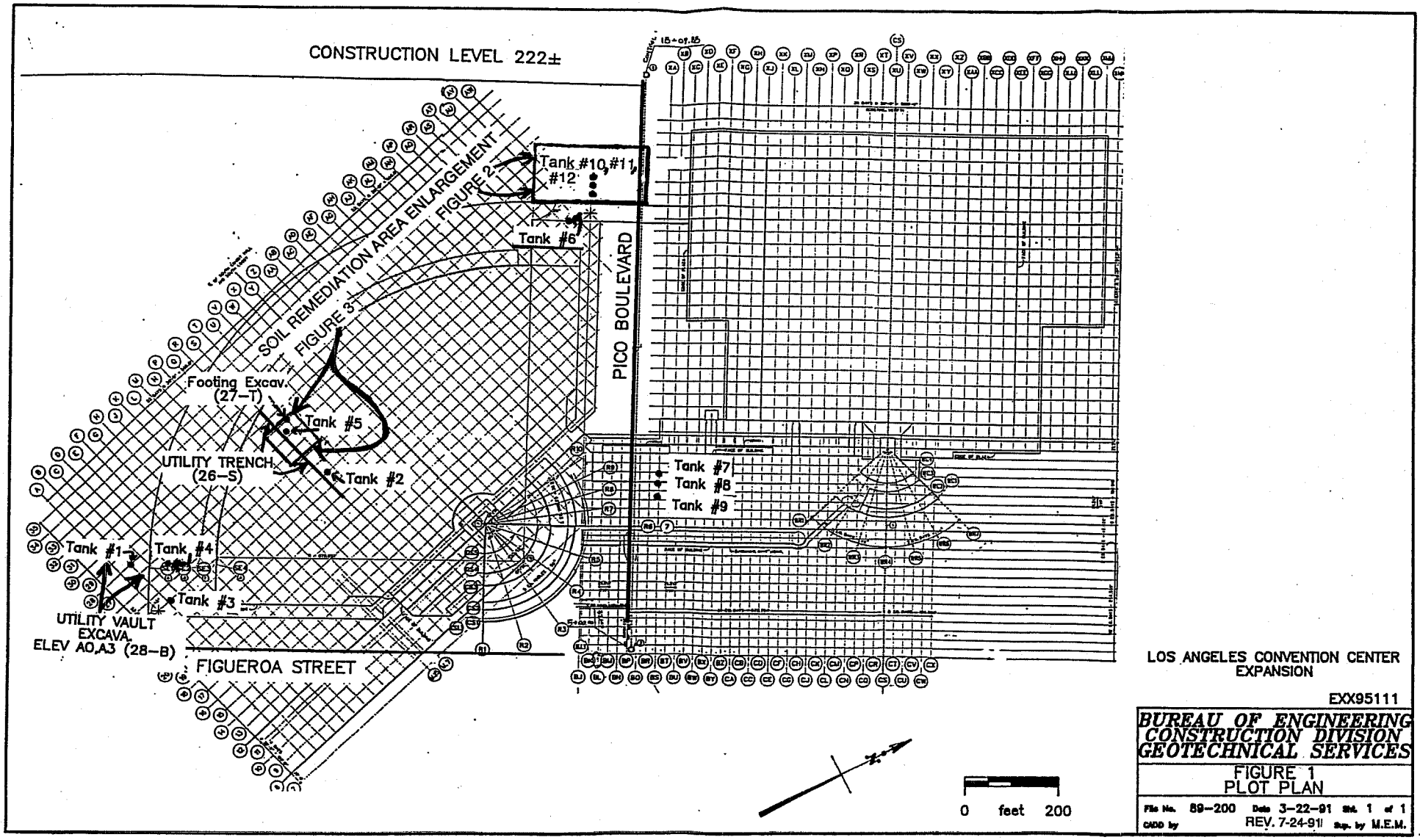
4. Provide an approximate date for this final report.

If you require additional information, contact Inspector Henry J. Amparan, of the Underground Tank Plan Check Unit, at (213) 485-7543.

Richard Camarena

Richard Camarena, Captain I
Commander, Underground Tank Plan Check Unit

RC:HJA:kz/3332w



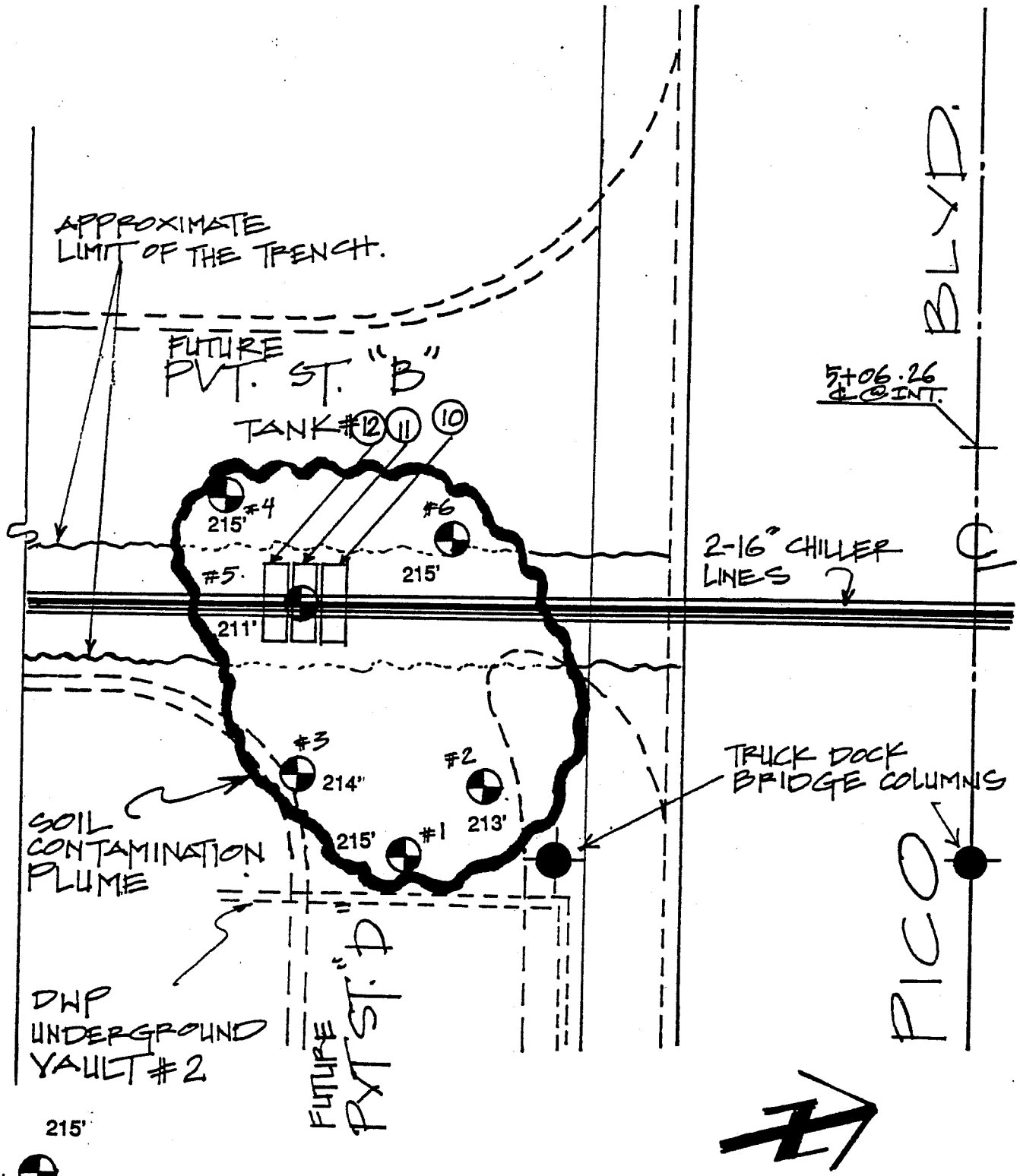
LOS ANGELES CONVENTION CENTER EXPANSION

EXX95111

BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 1
PLOT PLAN

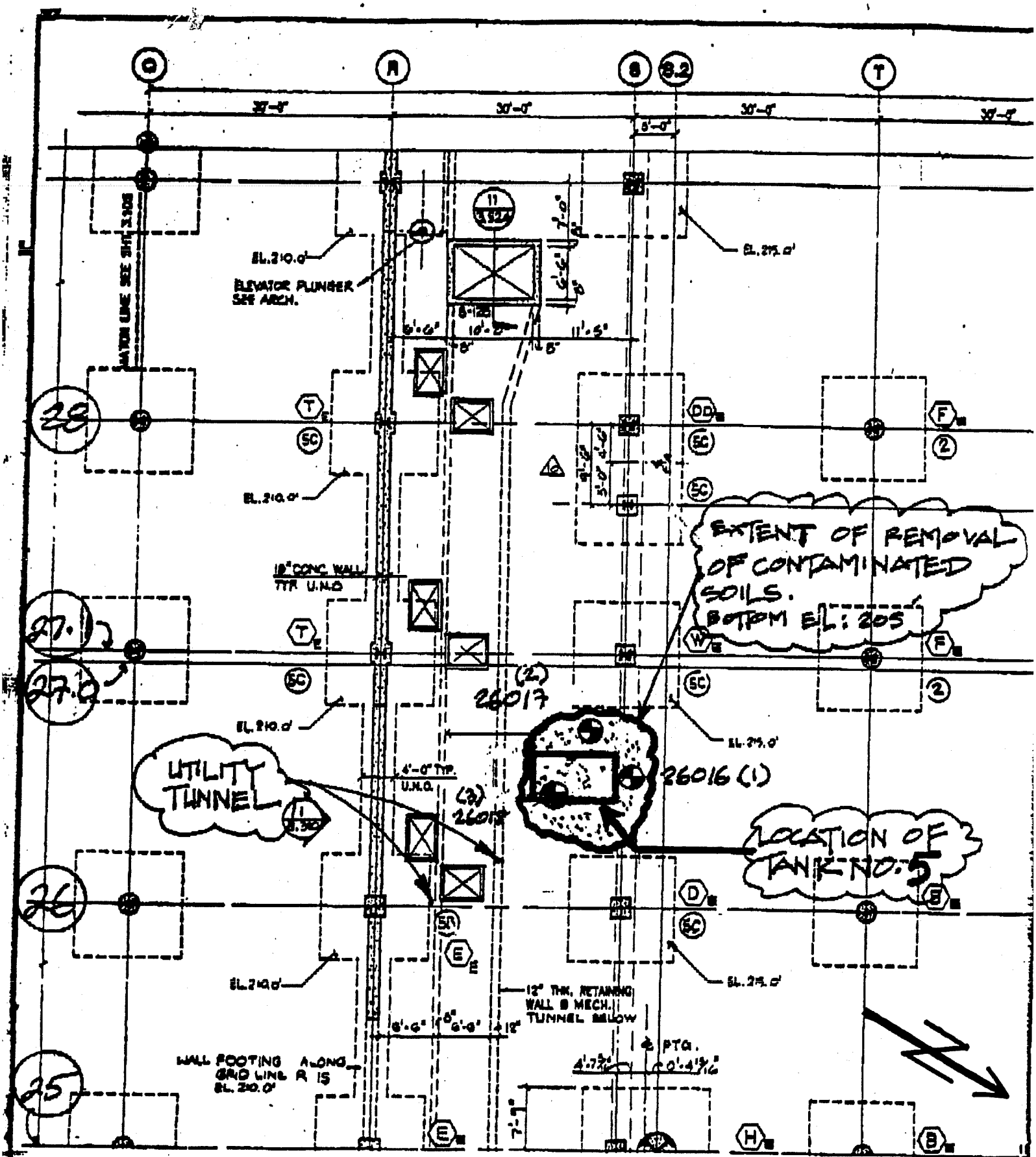
File No. 89–200 Date 3–22–91 Sht. 1 of 1
CADD by REV. 7-24-91 Sup. by M.E.M.



SOIL REMEDIATION AREA ENLARGEMENT

FIGURE 2

7-24-91



LOS ANGELES CONVENTION CENTER (EXPANSION PROJECT)

FIGURE 3

Scale 1"=20' (SITE REMEDIATION)

APPENDIX A

LUFT MANUAL TABLE 2-1
LEACHING POTENTIAL ANALYSIS

Table 2-1
Leaching Potential Analysis for Gasoline and Diesel Using Total Petroleum Hydorcarbons (TPH) and Benzene, Toluene, Xylene and Ethylbenzene (BTX&E)

The following table was designed to permit estimating the concentrations of TPH and BTX&E that can be left in place without threatening ground water. Three levels of TPH and BTX&E concentrations were derived (from modeling) for sites which fall into categories of low, medium or high leaching potential. To use the table, find the appropriate description for each of the features. Score each feature using the weighting system shown at the top of each column. Sum the points for each column and total them. Match the total points to the allowable BTX&E and TPH levels.

SITE FEATURE	SCORE	SCORE 10 PTS. IF CONDITION IS MET	SCORE	SCORE 9 PTS. IF CONDITION IS MET	SCORE	SCORE 5 PTS. IF CONDITION IS MET
Minimum Depth to Ground Water from the Soil Sample (feet)	10	>100		51-100		25-50*
Fractures in subsurface (applies to foothills or mountain areas)	10	None		Unknown		Present
Average Annual Precipitation (inches)		<10	9	10-25		26-40**
Man-made conduits which increase vertical migration of leachate		None		Unknown	5	Present Utility Trench and Vault
Unique site features: recharge area, coarse soil, nearby wells, etc.		None	9	At least one Coarse Soil		More than one
COLUMN TOTAL TOTAL PTS	20	+	18	+	5	= 43
RANGE OF TOTAL POINTS		49pts or more		41-48 pts		40pts or less
MAXIMUM ALLOWABLE B/T/X/E LEVELS (PPM)		1/50/50/50		.3/.3/1/1 300 ppb		NA***
MAXIMUM ALLOWABLE TPH LEVELS (PPM) GASOLINE		1000		100		10
DIESEL		10000		1000		100

* If depth is greater than 5 ft. less and less than 25 ft., score 0 points.

** If precipitation is over 40 inches,score 0 points.

*** Levels for BTX&E are not applicable at a TPH concentration of 10ppm (gasoline) or 100 ppm (diesel).

November 1, 1989

SCANNED

DEC 20 2004

MEMO TO FILE

FROM: Emile W. Mack, Captain I
Commander, Underground Tank Enforcement Unit

SUBJECT: CONVENTION CENTER ILLEGAL TANK ABANDONMENT OPERATIONS

On October 3, 1989, Inspector Riley issued a Fire/Life Safety Violation Notice to John Nicoloro of the City Bureau of Contract Administration. The violation notice was issued to Mr. Nicoloro since he was the on-site City representative, overseeing the Convention Center Expansion Project.

The notice required the following compliance: discontinue removing underground tanks from the ground, obtain a Fire Department permit to excavate tanks, and when contact is made with a suspected tank, cease all work in that immediate area. Any future violations of this may result in legal action.

Inspector Riley had found on his visit to the site, a completely excavated underground tank resting on top of the ground and no evidence of the hole it was removed from. This was the second incident in which a tank had been removed from the ground without the Fire Department being notified or present during the removal operation. A third incident has occurred where Fire Department Inspectors have found an excavated tank that had been cut upon with a welding torch.

On October 10, 1989, Mr. Frank Pincherli, Chief, Operation Construction Division, wrote a letter to the Fire Department concerned about the violation notice issued to Mr. Nicoloro and the threat of legal action by this department. On October 19, 1989, I contacted Mr. Pincherli to address his concerns regarding this matter. I informed him that I was sure it was not an effort on the part of Mr. Nicoloro to unlawfully conceal or move tanks after their discovery. Yet, three incidents had occurred where Fire Department Inspectors uncovered what appeared to be illegal tank operations. It was at the second of the three incidents that Mr. Nicoloro was cited by Inspector Riley. In Mr. Pincherli's letter, he explains "a large Caterpillar 633, self-propelled scraper had impacted and moved the tank or pieces up to 30 feet before the operator was aware of their existence. Upon discovery, the tanks were immediately ribboned off and work was halted in the affected area." I then informed Mr. Pincherli that Inspector Riley had found the tank completely on the surface of the ground and no evidence of the hole where it came from. I told Mr. Pincherli I don't believe that a scraper that has a scrapping depth of six inches below the ground's surface could bring a four-foot diameter steel tank to the surface and leave no evidence of the hole it came from. He agreed with my assumptions and said he will talk to his Inspector as part of his investigation. I further informed him that on the third incident Fire Inspectors found a tank that had been cut with a welding torch. He was extremely concerned about this and would look into this matter also.

Attached are two photographs taken by Inspector Riley. The first shows the illegally abandoned tank he found when he inspected the site. It is clear that the tank has been completely excavated and there is no evidence of the hole it was removed from. The second photograph is of a tank discovered, but left in place after being struck by a Caterpillar self-propelled scraper.

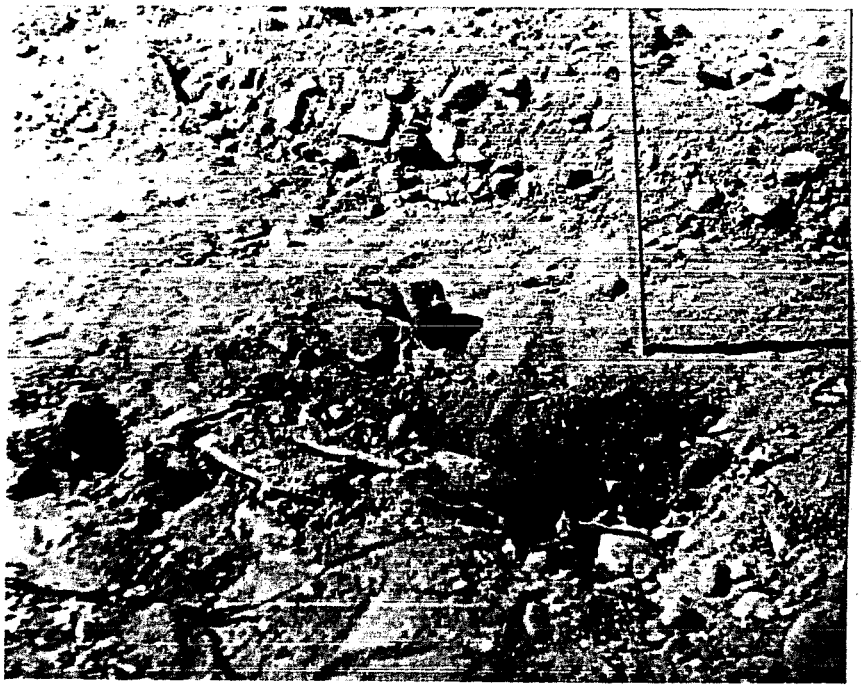
My summation to Mr. Pincherli was that both our Inspectors had performed their jobs correctly, but that there was a lack of sufficient site supervision of the contractor. He agreed and the conversation was ended with both parties feeling the matter was solved and he will conduct an investigation within his organization.

Emile W. Mack

Emile W. Mack, Captain I
Commander, Underground Tank Enforcement Unit

EWM:crc/1340w


CLRA METRO



CITY OF LOS ANGELES
CALIFORNIA

BOARD OF PUBLIC WORKS
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BUREAU OF
CONTRACT ADMINISTRATION
C. BERNARD GILPIN
INSPECTOR OF PUBLIC WORKS
ROOM 908, CITY HALL
LOS ANGELES, CA 90012
485-3721

October 10, 1989

Mr. Thomas A. Ennis
Asst. Bureau Commander
Los Angeles Fire Department
200 North Main Street
Los Angeles, California 90012

RECEIVED
OCT 16 1989
UNDERGROUND TANK
ENFORCEMENT UNIT

Dear Chief Ennis:

FIRE/LIFE SAFETY VIOLATION NO. 015098

The enclosed copy of Fire/Life Safety Violation No. 015098 was issued to John Nicoloro of the Bureau of Contract Administration on October 3, 1989. We believe this citation was issued in error.

There has not been any effort by Inspector Nicoloro, the Convention Center Authority or its representatives, or contractors to unlawfully conceal or move tanks or material discovered during the excavation for the Convention Center Earthwork Project. There was no prior knowledge that there were abandoned tanks or of their locations on the site. The tanks noted in the violation were discovered after being hit by a large Caterpillar 633 Self-Propelled Scraper. The impact broke and moved the tanks or pieces of the tanks up to thirty feet before the operator was aware of their existence. Upon discovery, the tanks were immediately ribboned off and work was halted in the affected area. Inspector Nicoloro, following procedures previously agreed upon by your staff, immediately notified Mr. Riley of the incident.

Contrary to the allegations in the written Violation, there was never any effort to move the tanks, to excavate around the tanks, or work in the area of the tanks once they were discovered. We believe the threat of legal action, as stated in the citation, is entirely unwarranted.

Inspector Nicoloro and the people involved in the project have been diligent in fulfilling the requirements for the testing, handling and disposal of the abandoned tanks and hazardous materials which have been discovered on the site. Mr. Nicoloro personally organized the meeting which was held on September 15, 1989 with Captain Kosaki of your inspection staff, representatives of the Department of Building and Safety, the Project Manager, and the Bureau of Engineering to review Fire Department requirements and coordinate the timely removal of hazardous waste material.

Your review of the appropriateness of this citation will be appreciated, particularly in view of Mr. Nicoloro's efforts to meet the Fire Department requirements and his record of diligence in protecting the interests of the City on this project.

Very sincerely yours,

FRANK PINCHERLI, Chief
Special Construction Division

PINC-EL-LEE

CHRIS SIMONS, Sr. Project Manager
Municipal Auditorium Department

FP:lk
a:FireLife/disk #5

Enc.

cc: Dick Walsh
Bob Horii
Paul McCarty
Par Commissariat
Roger Uhler
John Nicoloro
Roy Follmuth

10/9/89 1030 I CALLED & LEFT MESSAGE TO CALL ME.

10/12/89 1000 MR PINCHERLI CALLED WE STRAIGHTENED OUT MATTER BOTH OUR INSPECTORS DID THEIR JOBS CORRECTLY WITH THE SUPERVISION OF THE CONTRACTOR IN QUESTION. MR PINCHERLI SAID HE WILL TALK TO HIS INSPECTOR TO ASSURE COMPLIANCE WITH OUR REQ'S. AS I BROUGHT UP CITS & FACTS RE:

1) HOW DID A "SCRAPER" THAT CUT 6" DEEP PULL UP A 4' DIAMETER TANK AND THE EXCAVATION REFILLED
RE: WHAT THEY SAID IS TRUE "THEY HIT TANK DUG IT 30' AND THEN STOPPED & SECURED AREA"?

I PRESENTED & HE UNDERSTOOD THERE WAS A PROBLEM WITH OUR FIRE SUPERVISION OF CONTRACTOR

F-340-C (7-87)
Part 1 - Citizen
Part 2 - Fire Dept.

City of Los Angeles
DEPARTMENT OF FIRE

FIRE/LIFE SAFETY VIOLATION

Nº 015098

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE
	388					10-3-89

TO: (Name) (Title): JOHN J. NICOLORO

FIRM OR D.B.A.: DEPT. OF PUBLIC WORKS/CONTRACT AD.

ADDRESS: (Street) (City) (State) (Zip Code)

PHONE: 485-3007 ( )749-5010

ADDRESS OF VIOLATION: (Street) (City) (State) (Zip Code)

1201 S FIGUEROA

COMPLY WITH REQUIREMENTS AS NOTED

DISCONTINUE REMOVING ANY MORE TANKS FROM THE GROUND. NO EXCAVATION OF AN UNDERGROUND TANK SHALL BE DONE UNLESS A PERMIT HAS BEEN OBTAINED FROM THE FIRE DEPARTMENT. WHEN CONTACT IS MADE WITH A SUSPECTED TANK ALL WORK IN THAT IMMEDIATE AREA SHALL CEASE. ANY FUTURE VIOLATIONS MAY RESULT IN LEGAL ACTION.

ADDITIONAL INFORMATION ON ☐ BACK OF THIS FORM ☐ ATTACHED SHEET(S)

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE IMMEDIATELY WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A REINSPECTION OF THE PREMISES SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY John J. Nicoloro TITLE Sr. Const. Inspector

FOR ADDITIONAL INFORMATION PHONE:	DATE COMPLETED	BY ORDER OF THE CHIEF ENGINEER AND GENERAL MANAGER
237-0600	INSPECTOR	BY INSPECTOR ASSIGNMENT SIGNATURE Michael Miles

HANDLED THINGS OF THE FACT.

PAR FOR REQMTS

2ND TIME WITNESS

TRUE

DIDN'T TRY TO CONCEAL OR REMOVE UNLAWFULLY

A BACKFILLED HOLE / SOILS + LOC OF TANKS

FOUND BY TANK

1) No Permits

2) TANK WAS APPARENTLY OUT OF GROUND 4' DIAMETER SO WORK DIDN'T STOP AS SMALL TANK WAS NOT A WORK CREW

3) EXCAVATION WAS FILLED IN — SOIL STAINING COMPLICATED

1ST ~~ZUNO~~ / MESTACK EXCAVATED + PUT ON GROUND

3 TANKS ~~REMOVED~~ WAS NOT NOTICED

NO PERMIT

SOME TANKS REMOVED

MEETING

KOZAK

TOM NELSON

— TOLD NO WORK W/ PERMIT

— NOT TO UNCOVER OR REMOVE FROM EXCAVATION

3RD TANK WAS CUT WITH A TORCH

Connie Cooke Sandifer, State Bar Number 80627
Arthur J. Hazarabedian, State Bar Number 137324
OLIVER, VOSE, SANDIFER, MURPHY & LEE
281 S. Figueroa Street, 2nd Floor
Los Angeles, CA 90012-2501
Telephone: (213) 621-2000
Facsimile: (213) 621-2211

Attorneys for Plaintiff

ORIGINAL FILED

NOV 0 6 1998

Department 59

SUPERIOR COURT OF THE STATE OF CALIFORNIA

FOR THE COUNTY OF LOS ANGELES

THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, CALIFORNIA, Plaintiff, vs. OBAYASHI CORPORATION, et al., Defendants.	NO. BC 199 570 ORDER FOR PREJUDGMENT POSSESSION (Parcel 5138-025-001, 5138-025-002, 5138-025-003, 5138-025-008, 5138-025-010, 5138-025-011 and 5138-025-015)

Plaintiff, having made a deposit of probable compensation pursuant to California Code of Civil Procedure Section 1255.01 and having requested an Order for Prejudgment Possession, and the Court being fully advised:

IT IS HEREBY ORDERED:

That plaintiff, THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, CALIFORNIA, may take possession of the property which is the subject of this action ninety (90) days following the date this Order is served upon the record owner or owners of the property sought to be condemned in the Complaint herein.

/

PREPARED ON RECYCLED PAPER

Plaintiff is empowered to remove therefrom any persons, obstacles, improvements or structures of any kind or nature thereon situated.

Service of this Order shall be made in the manner specified in California Code of Civil Procedure Section 1255.450(d) and (f).

DATED: NOV 0 6 1989

BRUCE E. MITCHELL

JUDGE OF THE SUPERIOR COURT
PRO TEM

OLIVER, VOSE, SANDIFER, MURPHY & LEE
A PROFESSIONAL CORPORATION
741 S. FIGUEROA ST., SECOND FLOOR
LOS ANGELES, CA 90012-2501
TELEPHONE: (213) 621-2000
TELECOPIER: (213) 621-2111

57865

OLIVER, VOSE, SANDIFER, MURPHY & LEE
281 S. Figueroa Street, Second Floor
Los Angeles, California 90012-2503
(213) 621-2000

ORIGINAL FILED

NOV 16 1998

LOS ANGELES SUPERIOR COURT

Superior Court Of The State of California
For The County of Los Angeles - Central
LACRA Vs. OBAYASHI CORPORATION, et al

PROOF OF SERVICE - Mail & Acknowledgment (Summons) | Case Number BC 199 570

1. At the time of service I was at least 18 years of age and not a party to this action, and I served copies of the following documents: SUMMONS AND COMPLAINT IN EMINENT DOMAIN; CERTIFICATE OF ASSIGNMENT: ORDER FOR PREJUDGMENT POSSESSION; NOTICE OF DEPOSIT; SUMMARY OF THE BASIS FOR APPRAISAL OPINION (REAL PROPERTY); SUMMARY OF THE BASIS FOR APPRAISAL OPINION (IMPROVEMENTS PERTAINING TO REALTY); NOTICE OF ACTION (LIS PENDENS)

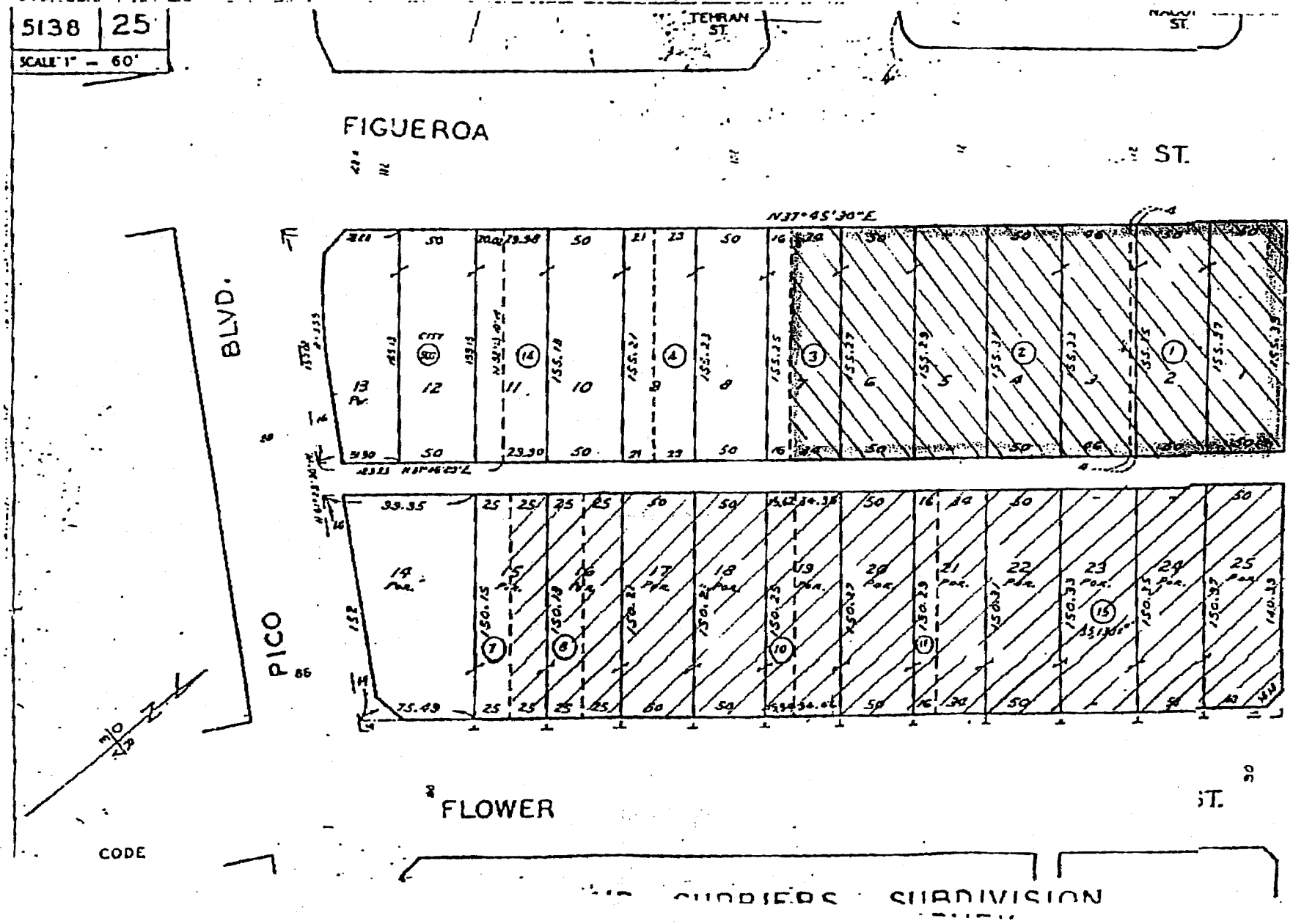
2. a. Party served: OBAYASHI CORPORATION
   b. Person served: Roger M. Sullivan, Attorney authorized to accept service of process for Corporation
   c. Service Address: 800 S. Figueroa Street, 12th Floor, Los Angeles, California
3. I served the party named in item 2b:
   d. Mail and Acknowledgment service. By delivering the copies to the person served, together With two copies of the notice and acknowledgment. (CCP 415.30)
   (1) Delivered on: November 10, 1998
   (2) From (city): Los Angeles, California
   Attached completed form.
   Signed Acknowledgment on November 10, 1998
4. The "Notice to the Person Served" (on the Summons) was completed as follows:
   c. on behalf of: Obayashi Corporation Under: CCP 416.10 (corporation)
5. Investigator Serving: Alice Yoakum or Caroline Balderman or Mike Cox Jr.
   Yoakum Investigations # PI-7026 261 S. Figueroa Street, Suite # 295. Los Angeles, California 90012-2503 (213) 485-0555
   b. Fee for Service $40.00
   e. Exempt for registration under Bus. & Prof. Code 22350 (b)
   g. Note: Fee for service includes additional reasonable costs necessarily costs necessarily incurred in effecting service as per C.C.P. Section 1032 B.
6. I DECLARE under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Dated: November 12, 1998

Caroline B

PROOF OF SERVICE - SUMMONS

Form adopted by Rule 982(a)(9) Judicial Council of California Form


5138 | 25
SCALE 1" = 60'
TEHRAN ST.
FIGUEROA
ST.
BLVD.
PICO
FLOWER
ST.
12TH
ST.
CODE
SUBDIVISION

FORM GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

SCANNED
SEP 15 2004

Date: September 1, 1989

To: Henry J. Amparan, Fire Inspector
Los Angeles City Fire Department

From: William R. Hansen
Division Engineer
Construction Division

By: Paul J. (Mike) Michalski
Geotechnical Services
Section

Subject: WORK PLAN FOR THE CONVENTION CENTER EXPANSION - CLARIFIER REMOVAL

WORK PLAN

This Work Plan Proposal has been prepared in the format subdivisions suggested by the Regional Water Quality Control Boards' "Work Plan Requirements for Initial Subsurface Investigation". This document contains the geotechnical information requested in the Work Plan.

SITE HISTORY

For the purposes of this work plan the following site history is provided. A detailed site history will be provided in the site assessment.

A small capacity clarifier was uncovered on approximately August 20, 1989 by the excavation contractor. Geotechnical Services was notified, and a geologist and soil engineer were immediately sent to the site. Upon arrival it was found that the clarifier had been removed. Upon removal, the concrete clarifier had been broken in half, and a portion of the sludge from inside the clarifier had been spilled into the bottom the the excavation. The sludge contaminated soil was sampled, and the sample taken to the Department of Water and Power's Laboratory and Technical Services Laboratory (a state-certified laboratory). Tests run on the sample included EPA method 8240, EPA method 8015, and EPA method 418.1. Results for EPA method 8240 and EPA method 8015 were all below detection limits. Total Petroleum Hydrocarbons (TPH) results derived from EPA method 418.1 showed concentrations greater than 2000 parts per million (ppm).

SITE SOILS AND GEOLOGY

The main objective of the site assessment is:

a) To delineate the vertical and lateral extent of the contamination.

b) To determine if the contamination could or has impacted ground water.

A concurrent soil remediation will be accomplished by removal of contaminated soil and transportation of the contaminated soil by a licensed hazardous waste hauler to a facility accepting Class I contaminated soil. Manifests will be provided to the Fire Department upon removal of contaminated soil from the site.

To assure that the site is free of contamination, soil samples will be taken under the direction of Fire Inspector Ernest Mistrik and a geologist or soil engineer from Geotechnical Services. A site assessment and final report will follow after laboratory results confirm that the site remediation has been successful.

Sample acquisition will be made according to the Leaking Underground Fuel Tank (LUFT) manual guidelines, iced, and taken to the laboratory for analysis. Each sample will be labeled and properly documented on chain of custody form at the conclusion of sampling.

Based on our experience with other deep borings near this site, we do not expect to encounter groundwater. Monitoring wells will be established according to LUFT manual guidelines if contamination exists and extends deeper than expected, or groundwater is encountered.

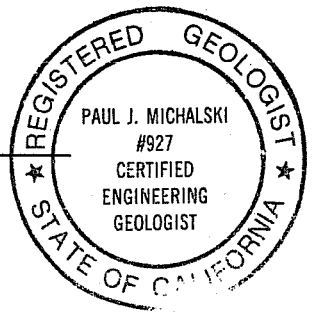
Chemical analyses to be performed are:

Soil - EPA Method 418.1

Stephen G. Dawson
Asst. Engineering Geologist I

Fred T. Langston
Asst. Engineering Geologist III

Paul J. (Mike) Michalski
Engineering Geologist III
CEG 927 Reg. Exp. 6/30/90



PJM/FTL/SGD/ec

ERCanon. 3317

SERIAL SHEET NO _____

GIA 6692

hennings: 6691

gone —

CHAIN OF CUSTODY RECORD

SURVEY
CONVENTION CENTER EXPANSION SITE (CLARIFIER).

SAMPLERS: (Signature)

STATION NUMBER	STATION LOCATION	DATE	TIME	SAMPLE TYPE: SOIL	SAMPLE TYPE: WATER	SAMPLE TYPE: AIR	SEQ NO	NO OF CONTAINERS	ANALYSIS REQUIRED
SAMPLE NO. 2		8-23-91	7:45 AM	X				1	(418.1)(8240)(8015
GT 7591									

Relinquished by: (Signature) | Received by: (Signature) | Date/Time 8-23-91 12:35 p.m.

Relinquished by: (Signature) | Received by: (Signature) | Date/Time

Relinquished by: (Signature) | Received by: (Signature) | Date/Time

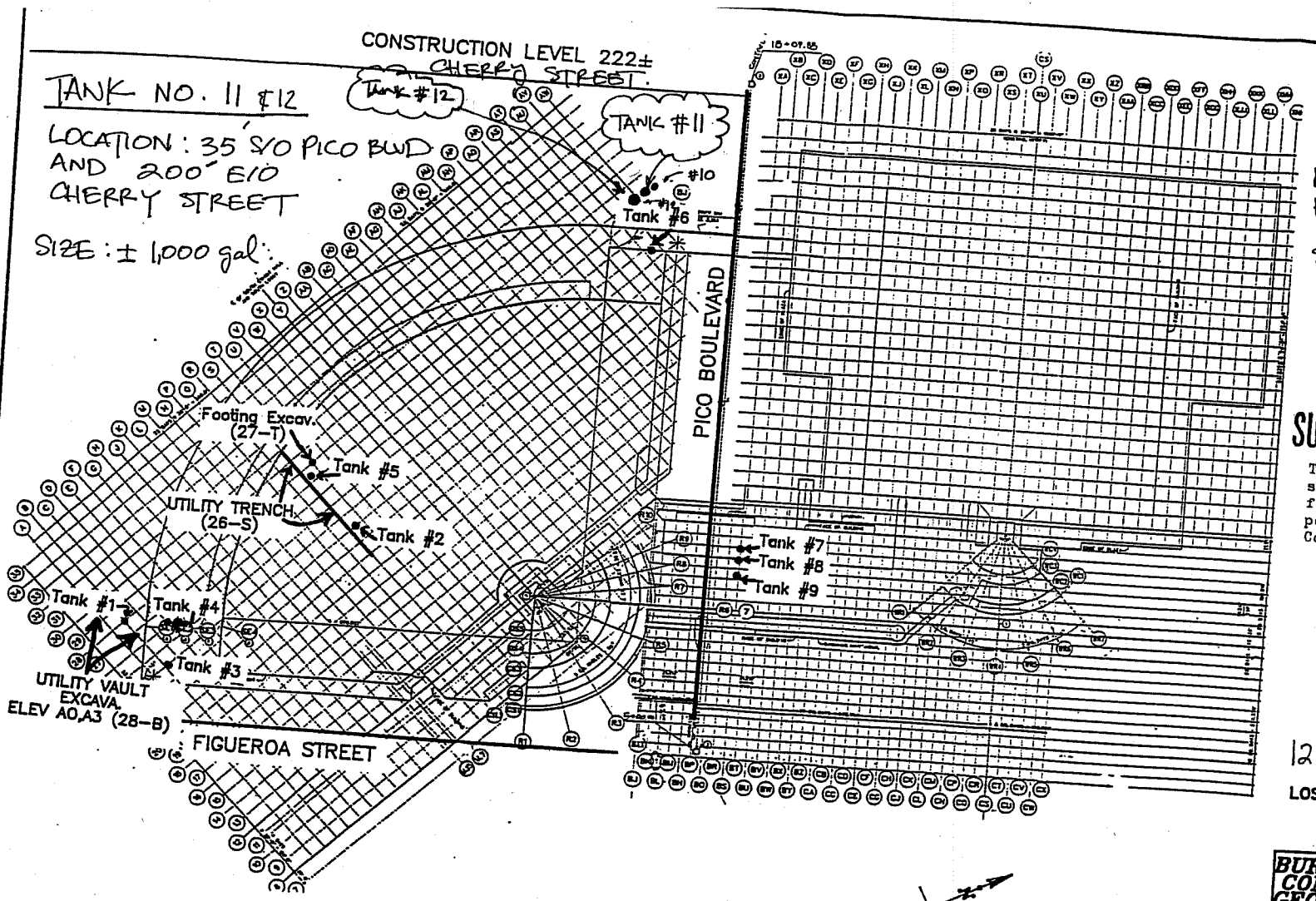
Relinquished by: (Signature) | Received by Mobile Laboratory for field analysis: (Signature) | Date/Time

Dispatched by: (Signature) | Date/Time | Received for Laboratory by: | Date/Time

Method of Shipment:

Distribution: Orig. – Accompany Shipment
1 Copy – Survey Coordinator Field Files

GPO 684-888



NOTE: ALL OTHER TANKS HAVE ALLREADY BEEN REMOVED UNDER SEPERATE PERMITS.

SUBJECT TO FIELD INSPECTION

The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent Sections of the Municipal Code and other laws and regulations

APPROVED
#01651
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY M. Ward 5/22/91

1201 S. FIGUEROA ST.

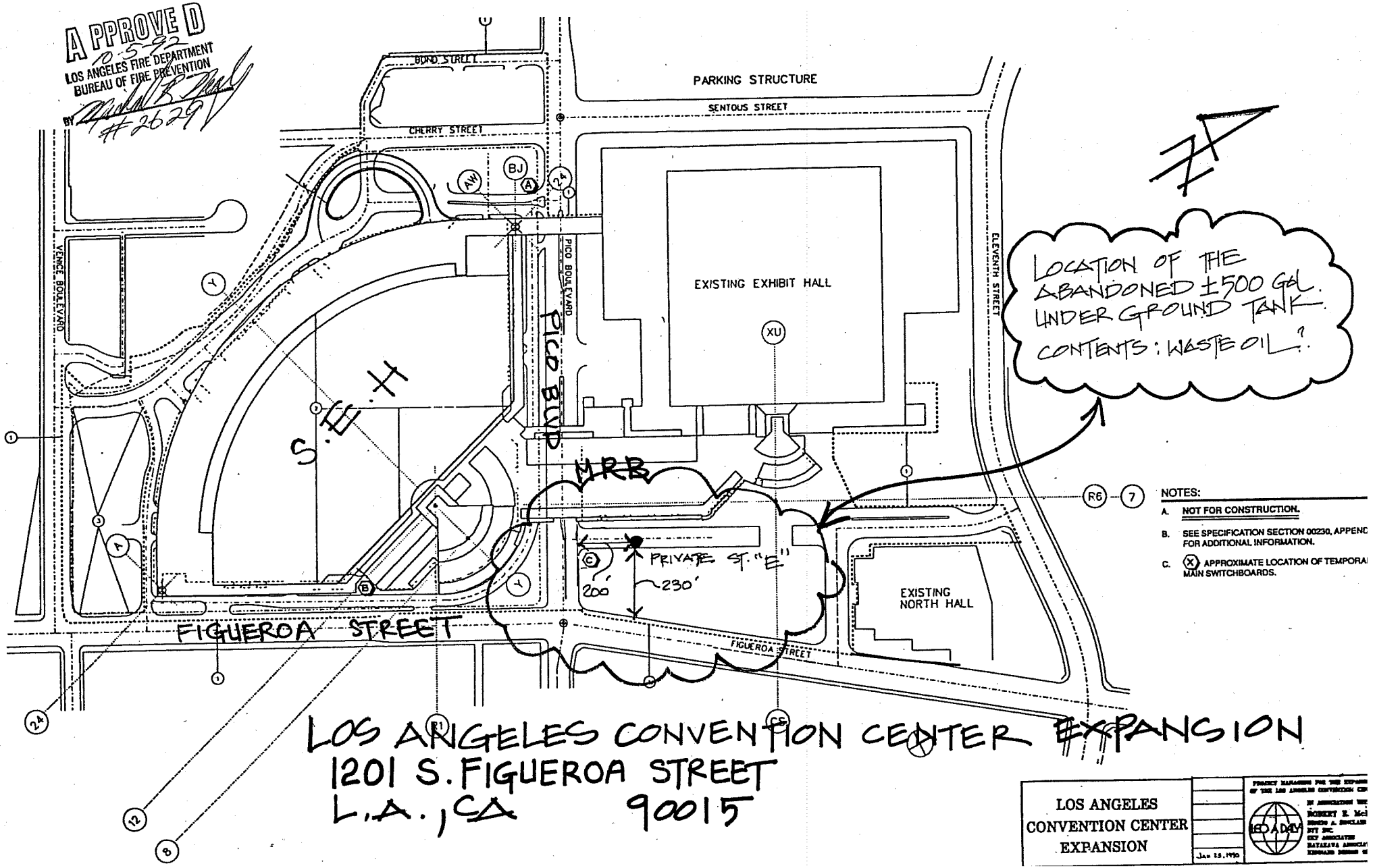
LOS ANGELES CONVENTION CENTER EXPANSION

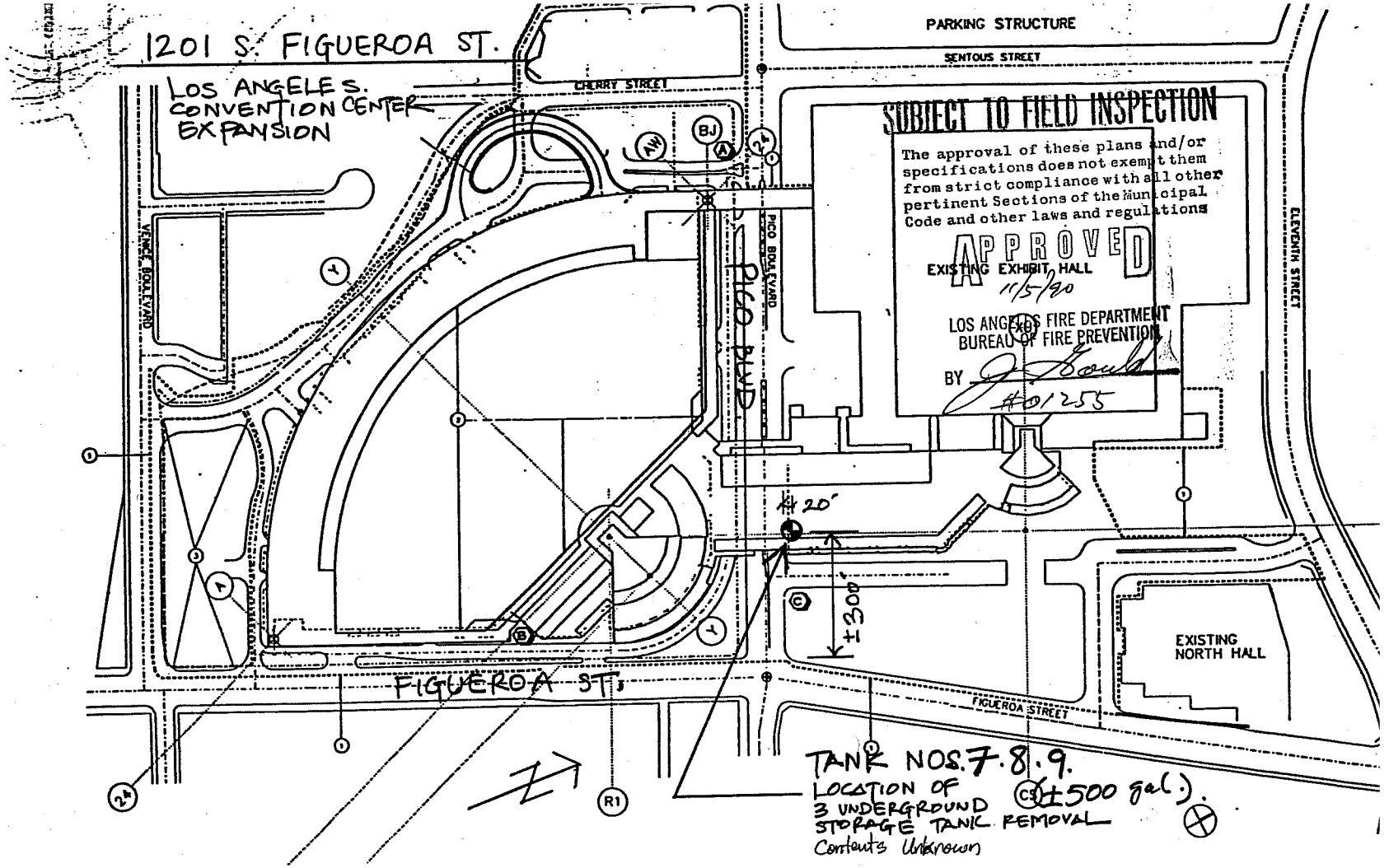
EXX95111

BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 1
PLOT PLAN

File No. 89-200 Date 3-22-91 Sht. 1 of 1
Dsgn by Ck. by Dep. by M.E.M.


APPROVED
10-5-92
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY
#2629
BOND STREET
CHERRY STREET
PARKING STRUCTURE
SENTOUS STREET
VENICE BOULEVARD
PICO BOULEVARD
ELEVENTH STREET
EXISTING EXHIBIT HALL
EXISTING NORTH HALL
S.E.H
MRB
PRIVATE ST. "E"
200'
230'
FIGUEROA STREET
FIGUEROA STREET
LOCATION OF THE ABANDONED ±500 GAL. UNDER GROUND TANK.
CONTENTS: WASTE OIL ?
NOTES:
A. NOT FOR CONSTRUCTION.
B. SEE SPECIFICATION SECTION 00230, APPEND FOR ADDITIONAL INFORMATION.
C. APPROXIMATE LOCATION OF TEMPORA MAIN SWITCHBOARDS.
LOS ANGELES CONVENTION CENTER EXPANSION
1201 S. FIGUEROA STREET
L.A., CA 90015
LOS ANGELES CONVENTION CENTER EXPANSION
Jan 15, 1993


1201 S. FIGUEROA ST.
LOS ANGELES CONVENTION CENTER EXPANSION
PARKING STRUCTURE
SENTOUS STREET
CHERRY STREET
ELEVENTH STREET
VENICE BOULEVARD
PICO BOULEVARD
PICO BLVD
SUBJECT TO FIELD INSPECTION
The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent Sections of the Municipal Code and other laws and regulations
APPROVED
EXISTING EXHIBIT HALL
11/5/90
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY
#01255
20'
±300
EXISTING NORTH HALL
FIGUEROA ST.
FIGUEROA STREET
TANK NOS. 7.8.9.
LOCATION OF 3 UNDERGROUND STORAGE TANK REMOVAL
(±500 gal.)
Contents Unknown

F-340C (7/89)
Part 1 - Citizen
Part 2 - Fire Dept.
Part 3 - Fire Dept.

City of Los Angeles
DEPARTMENT OF FIRE

FIRE/LIFE SAFETY VIOLATION

Nº 69818

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE
	10					February 4, 1991

TO: (Name)	(Title)	FIRM OR D.B.A.
Mr. Masoud Sephh	Bureau of Engineering	City of Los Angeles

ADDRESS: (Street)	(City)	(State)	(Zip Code)	PHONE
1211 West Pico Boulevard	Los Angeles	CA	90015	( )

ADDRESS OF VIOLATION: (Street)	(City)	(State)	(Zip Code)
1201 South Figueroa Street	Los Angeles	CA	90015

COMPLY WITH REQUIREMENTS AS NOTED

[X] Provide a site assessment performed by a professional geologist, civil engineer, or an engineering geologist who is registered or certified by the State of California and who is experienced in the use of the Unified Soil Classification System. (57.31.38)

This report shall include, but not be limited to the vertical and horizontal extent of contamination, location of groundwater using an authorative source, clean-up recommendations, and any other information that may be required by the Chief. Please submit three copies.

Return to:

Los Angeles City Fire Department
Fire Prevention Bureau/Underground Tank Plan Check Unit
200 North Main Street, Room 920, City Hall East
Los Angeles, CA 90012

[ ] Secure the area from unauthorized entry. (57.31.50)

[X] No site remediation shall occur until the Fire Department has received and approved a written plan of remediation.

SCANNED
SEP 15 2004

ADDITIONAL INFORMATION ON ☐ BACK OF THIS FORM ☐ ATTACHED SHEET(S)

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE May 2, 1991 WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A REINSPECTION OF THE PREMISES SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY _____ TITLE _____

FOR ADDITIONAL INFORMATION PHONE:	DATE COMPLETED	BY ORDER OF THE CHIEF ENGINEER AND GENERAL MANAGER
(213) 485-7548	INSPECTOR	BY Christopher N. Weinrich UGT Plan Check (INSPECTOR / ASSIGNMENT)
		SIGNATURE Christopher N Weinrich

F-3400 (7/89)
Part 1 - Citizen
Part 2 - Fire Dept.
Part 3 - Fire Dept.

City of Los Angeles
DEPARTMENT OF FIRE

FIRE/LIFE SAFETY VIOLATION

Nº 69821

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE
	10					February 4, 1991

TO: (Name)	(Title)	FIRM OR D.B.A.
Mr. Dick Walsh	General Manager	L.A.C.C.

ADDRESS: (Street)	(City)	(State)	(Zip Code)	PHONE
1201 South Figueroa Street	Los Angeles	CA	90015	( )

ADDRESS OF VIOLATION: (Street)	(City)	(State)	(Zip Code)
1201 South Figueroa Street	Los Angeles	CA	90015

COMPLY WITH REQUIREMENTS AS NOTED

[X] Provide a site assessment performed by a professional geologist, civil engineer, or an engineering geologist who is registered or certified by the State of California and who is experienced in the use of the Unified Soil Classification System. (57.31.38)

This report shall include, but not be limited to the vertical and horizontal extent of contamination, location of groundwater using an authorative source, clean-up recommendations, and any other information that may be required by the Chief. Please submit three copies.

Return to:

Los Angeles City Fire Department

Fire Prevention Bureau/Underground Tank Plan Check Unit
200 North Main Street, Room 920, City Hall East
Los Angeles, CA 90012

[ ] Secure the area from unauthorized entry. (57.31.50)

[X] No site remediation shall occur until the Fire Department has received and approved a written plan of remediation.

ADDITIONAL INFORMATION ON ☐ BACK OF THIS FORM
☐ ATTACHED SHEET(S)

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE May 2, 1991 WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A REINSPECTION OF THE PREMISES SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY _____ TITLE _____

FOR ADDITIONAL INFORMATION PHONE:	DATE COMPLETED	BY ORDER OF THE CHIEF ENGINEER AND GENERAL MANAGER
(213) 485-7543	INSPECTOR	BY Christopher N. Weinrich UGT Plan Check INSPECTOR ASSIGNMENT
		SIGNATURE Christopher N. Weinrich

F-340C (7/89)
Part 1 - Citizen
Part 2 - Fire Dept.
Part 3 - Fire Dept.

City of Los Angeles
DEPARTMENT OF FIRE

FIRE/LIFE SAFETY VIOLATION

Nº 69738

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE
						January 2, 1991

TO: (Name)	(Title)	FIRM OR D.B.A.
Mr. Jesse Patal	Public Works	City of Los Angeles

ADDRESS: (Street)	(City)	(State)	(Zip Code)	PHONE
200 North Spring Street, 8thFl	Los Angeles		90012	( )

ADDRESS OF VIOLATION: (Street)	(City)	(State)	(Zip Code)
1201 South Figueroa Street	Los Angeles	CA	90015

COMPLY WITH REQUIREMENTS AS NOTED

[XX] Provide a Site Assessment performed by a Professional Geologist, Civil Engineer, or an Engineering Geologist who is registered or certified by the State of California and who is experienced in the use of the Unified Soil Classification System. (57.31.38) This report shall include but not be limited to the vertical and horizontal extent of contamination using Methods 8015 Modified for total Petroleum Hydrocarbon, 8020 for BTXE, 7420 for Total Lead, 418.1 for total recoverable petroleum hydrocarbons, location of groundwater using an authoritative source, clean-up recommendations and any other information that may be required by the Chief. Please submit all reports in triplicate to the:

Los Angeles City Fire Department
Fire Prevention Bureau/Underground Tank Plan Check Unit
200 North Main Street, Room 920, City Hall East
Los Angeles, CA 90012

[ ] Secure the area from unauthorized entry. (57.31.50)

[XX] No site remediation shall occur until the Fire Department has received and approved a written plan of remediation.

ADDITIONAL INFORMATION ON ☐ BACK OF THIS FORM
☐ ATTACHED SHEET(S)

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE April 2, 1991 WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A REINSPECTION OF THE PREMISES SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY _____ TITLE _____

FOR ADDITIONAL INFORMATION PHONE:	DATE COMPLETED	BY ORDER OF THE CHIEF ENGINEER AND GENERAL MANAGER
(213)485-7543	INSPECTOR	BY Michael R. Nealy / UGT Plan Check Unit (INSPECTOR / ASSIGNMENT)
		SIGNATURE Michael R Nealy

F-340C (7/89)
Part 1 - Citizen
Part 2 - Fire Dept.
Part 3 - Fire Dept.

City of Los Angeles
DEPARTMENT OF FIRE

FIRE/LIFE SAFETY VIOLATION

Nº 69738

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE
						January 2, 1991

TO: (Name)	(Title)	FIRM OR D.B.A.
Mr. Jesse Patal	Public Works	City of Los Angeles

ADDRESS: (Street)	(City)	(State)	(Zip Code)	PHONE
200 North Spring Street, 8th Fl	Los Angeles		90012	( )

ADDRESS OF VIOLATION: (Street)	(City)	(State)	(Zip Code)
1201 South Figueroa Street	Los Angeles	CA	90015

COMPLY WITH REQUIREMENTS AS NOTED

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Los Angeles City Fire Department
Fire Prevention Bureau/Underground Tank Plan Check Unit
200 North Main Street, Room 920, City Hall East
Los Angeles, CA 90012

[ ] Secure the area from unauthorized entry. (57.31.50)

[x] No site remediation shall occur until the Fire Department has received and approved a written plan of remediation.

ADDITIONAL INFORMATION ON ☐ BACK OF THIS FORM
☐ ATTACHED SHEET(S)

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE April 2, 1991 WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A REINSPECTION OF THE PREMISES SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY _____ TITLE _____

FOR ADDITIONAL INFORMATION PHONE:	DATE COMPLETED	BY ORDER OF THE CHIEF ENGINEER AND GENERAL MANAGER
(213)485-7543	INSPECTOR	BY Michael R. Nealy / UGT Plan Check Unit (INSPECTOR / ASSIGNMENT)
		SIGNATURE Michael R Nealy

F-340C (7/89)
Part 1 - Citizen
Part 2 - Fire Dept.
Part 3 - Fire Dept.

City of Los Angeles
DEPARTMENT OF FIRE

FIRE/LIFE SAFETY VIOLATION

Nº 72493

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE
	10					December 6, 1990

TO: (Name)	(Title)	FIRM OR D.B.A.
Mr. Raul Macias	General Services Manager	City of Los Angeles

ADDRESS: (Street)	(City)	(State)	(Zip Code)	PHONE
200 North Spring Street	Los Angeles	CA	90012	( )

ADDRESS OF VIOLATION: (Street)	(City)	(State)	(Zip Code)
1201 South Figueroa Street	Los Angeles	CA	90015

COMPLY WITH REQUIREMENTS AS NOTED

[X] Provide a Site Assessment performed by a Professional Geologist, Civil Engineer, or an Engineering Geologist who is registered or certified by the State of California and who is experienced in the use of the Unified Soil Classification System. (57.31.38) This report shall include but not be limited to the vertical and horizontal extent of contamination using Methods 8015 Modified for total Petroleum Hydrocarbon, 8020 for BTXE, 7420 for Total Lead, 418.1 for total recoverable petroleum hydrocarbons, location of groundwater using an authoritative source, clean-up recommendations and any other information that may be required by the Chief. Please submit all reports in triplicate to the:

~~Los Angeles City Fire Department~~
Fire Prevention Bureau/Underground Tank Plan Check Unit
~~200 North Main Street, Room 920, City Hall East~~
Los Angeles, CA 90012

[ ] Secure the area from unauthorized entry. (57.31.50)

[X] No site remediation shall occur until the Fire Department has received and approved a written plan of remediation.

ADDITIONAL INFORMATION ON ☐ BACK OF THIS FORM
☐ ATTACHED SHEET(S)

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE March 7, 1991 WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A REINSPECTION OF THE PREMISES SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY _____ TITLE _____

FOR ADDITIONAL INFORMATION PHONE:	DATE COMPLETED	BY ORDER OF THE CHIEF ENGINEER AND GENERAL MANAGER
(213) 485-7543	INSPECTOR	BY Michael R. Nealy, UGT Plan Check Unit (INSPECTOR / ASSIGNMENT)
		SIGNATURE Michael R. Nealy

F-340C (7/89)
Part 1 - Citizen
Part 2 - Fire Dept.
Part 3 - Fire Dept.

City of Los Angeles
DEPARTMENT OF FIRE

FIRE/LIFE SAFETY VIOLATION

Nº 72493

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE
	10					December 6, 1990

TO: (Name) Mr. Jesse Patrl ~~Mr. Raul Macias~~ (Title) ~~General~~ Pub Wrks ~~Services Manager~~ FIRM OR D.B.A. City of Los Angeles

ADDRESS: (Street) 200 North Spring Street (City) Los Angeles (State) CA (Zip Code) 90012 PHONE ( )

ADDRESS OF VIOLATION: (Street) 1201 South Figueroa Street (City) Los Angeles (State) CA (Zip Code) 90015

COMPLY WITH REQUIREMENTS AS NOTED

[X] Provide a Site Assessment performed by a Professional Geologist, Civil Engineer, or an Engineering Geologist who is registered or certified by the State of California and who is experienced in the use of the Unified Soil Classification System. (57.31.38) This report shall include but not be limited to the vertical and horizontal extent of contamination using Methods 8015 Modified for total Petroleum Hydrocarbon, 8020 for BTXE, 7420 for Total Lead, 418.1 for total recoverable petroleum hydrocarbons, location of groundwater using an authoritative source, clean-up recommendations and any other information that may be required by the Chief. Please submit all reports in triplicate to the:

Los Angeles City Fire Department
Fire Prevention Bureau/Underground Tank Plan Check Unit
200 North Main Street, Room 920, City Hall East
Los Angeles, CA 90012

[ ] Secure the area from unauthorized entry. (57.31.50)

[x] No site remediation shall occur until the Fire Department has received and approved a written plan of remediation.

ADDITIONAL INFORMATION ON ☐ BACK OF THIS FORM ☐ ATTACHED SHEET(S)

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE March 7, 1991 WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A REINSPECTION OF THE PREMISES SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY _____ TITLE _____

FOR ADDITIONAL INFORMATION PHONE:	DATE COMPLETED	BY ORDER OF THE CHIEF ENGINEER AND GENERAL MANAGER
(213) 485-7543	INSPECTOR	BY Michael R. Nealy UST Plan Check Unit (INSPECTOR / ASSIGNMENT)
		SIGNATURE Michael R. Nealy

(7/89)
Part 1 - Citizen
Part 2 - Fire Dept.
Part 3 - Fire Dept.

City of Los Angeles
DEPARTMENT OF FIRE

FIRE/LIFE SAFETY VIOLATION

No. 72493

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE
	10					December 5, 1990

TO: (Name) ~~Mr. Rene Patal~~ ~~Mr. Raul Macias~~ (Title) ~~General~~ Pub Works Services-Manager FIRM OR D.B.A. City of Los Angeles

ADDRESS: (Street) 200 North Spring Street (City) Los Angeles (State) CA (Zip Code) 90012 PHONE ( )

ADDRESS OF VIOLATION: (Street) 1201 South Figueroa Street (City) Los Angeles (State) CA (Zip Code) 90015

COMPLY WITH REQUIREMENTS AS NOTED

[X] Provide a Site Assessment performed by a Professional Geologist, Civil Engineer, or an Engineering Geologist who is registered or certified by the State of California and who is experienced in the use of the Unified Soil Classification System. (57.31.38) This report shall include but not be limited to the vertical and horizontal extent of contamination using Methods 8015 Modified for total Petroleum Hydrocarbon, 8020 for BTXE, 7420 for Total Lead, 418.1 for total recoverable petroleum hydrocarbons, location of groundwater using an authoritative source, clean-up recommendations and any other information that may be required by the Chief. Please submit all reports in triplicate to the:

Los Angeles City Fire Department
Fire Prevention Bureau/Underground Tank Plan Check Unit
200 North Main Street, Room 920, City Hall East
Los Angeles, CA 90012

[ ] Secure the area from unauthorized entry. (57.31.50)

[x] No site remediation shall occur until the Fire Department has received and approved a written plan of remediation.

ADDITIONAL INFORMATION ON ☐ BACK OF THIS FORM ☐ ATTACHED SHEET(S)

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE **March 7, 1991** WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A REINSPECTION OF THE PREMISES SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY _____ TITLE _____

FOR ADDITIONAL INFORMATION PHONE:	DATE COMPLETED	BY ORDER OF THE CHIEF ENGINEER AND GENERAL MANAGER
(213) 485-7543	INSPECTOR	BY Michael R. Nealy UGT Plan Check Unit (INSPECTOR / ASSIGNMENT)
		SIGNATURE Michael R. Nealy

FORM GEN. 160H (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

JAN. 02; 1991

CITY OF LOS ANGELES DEPARTMENT OF FIRE FIRE LIFE SAFETY VIOLATION, NO.72493.
THIS VIOLATION IS ADDRESSED TO INCORRECT DEPARTMENT AND RESPOSIBLE PERSON.
PROJECT IS BEING DONE BY PUBLIC WORKS ON THE NEW EXPANSION SITE OF THE CONVENTION CENTER 1201 S. FIGUEROA STREET.
COREECT INFORMATION WAS GIVEN TO INSPECTOR MICHAEL R. NEALY; UGT PLAN CHECK UNIT, PHONE 4857543 ON JAN.02,1991.

RM.

CONFERENCE

DATE: 11-15-90

SUBJECT: LA. CONVENTION CENTER

ATTENDEES	COMPANY
MASOUD	LA CONVENTION CENTER 749-5011
AMPARAN	LAFD

DISCUSSION

ABANDONMENT OF UST WHEN DISCOVERED ON SITE DURRING CONSTRUCTION.

DEVELOPMENT OF A STANDARIZED PROCEDURE: PERMIT
WORK PLAN FOR EXCAVATION
SITE ASSESSMENT
CLOSURE REPORT.

UPDATE ON NEWLY DISCOVERED TANKS REPORTS BE COMPILED.

VERBALLY NOTIFY INSP AMPARAN OF ANY NEWLY DISCOVERED TANKS

DECISIONS:

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

Date: January 20, 1995

To: Wanda Coleman, Office of the City Clerk
Tax and Permit Division, Mail Stop 170

From: Allen Ward, Building Repairer Supervisor A. W.
Los Angeles Convention Center, Mail Stop 645

Subject: UNDERGROUND TANK PERMIT CONSOLIDATION

As per this morning's conversation, I'm forwarding our permit material for your consideration. Our goal is to consolidate what we believe are five active permits onto one permit by combining them and cancelling the remaining four. I am providing the most current, accurate permit information available to reduce confusion related to our multiple permits and ease the renewal process. Our permit would continue to be exempt from fees.

Please see the attached drawing, copies of our current permits and our new permit application. Our current active permit numbers are:

007946-69

025232-44

061794-77

811928-96

812735-93

I believe the following permits have been cancelled:

587412-14

749171-16

The following information applies to the ten tanks submitted with our permit application:

Tank #

1. Location: 1201 So. Figueroa St., C-34, in outside pkg. lot.
Size: 2000 gal.
Contents: unleaded gasoline.

Tank #

2. Location: 1201 So. Figueroa St., S/W freight ramp.
   Size: 2000 gal.
   Contents: Diesel fuel.

3. Location: 1201 So. Figueroa St., rm. P1539, FP5.
   Size: 280 gal.
   Contents: diesel fuel.

4. Location: 1201 So. Figueroa St., rm. 1531.1, FP6.
   Size: 280 gal.
   Contents: diesel fuel.

5. Location: 1201 So. Figueroa St., rm. 1505, FP2.
   Size: 280 gal.
   Contents: diesel fuel.

6. Location: 1201 So. Figueroa St., rm 1502.1, FP2
   Size: 280 gal.
   Contents: diesel fuel.

7. Location: 1301 So. Figueroa St./ Pico Dr.
   Size: 2000 gal..
   Contents: diesel fuel.

8. Location: 3101 So. Figueroa St./ So. Hall Dr.- Truck br.
   Size: 6000 gal.
   Contents: unleaded gasoline.

9. Location: 1301 So. Figueroa St./ So. Hall Dr., FP2, FP4.
   Size: 550 gal.
   Contents: diesel fuel.

10. Location: 1501 So. Figueroa St./ Figueroa Dr.
    Size: 2000 gal.
    Contents: diesel fuel.

Please note: All the addresses listed above are on a common deed.

If you have any questioned please don't hesitate to call me at (213) 741-1151 x 5610.

Attachments: Site diagram.
Permit application.
Copies of current permits.

AW:

cc: Greg Lissow
Dale Rogers
Tim Stratton
Tom Lepine

(a:\undtnks)

CITY of LOS ANGELES
OFFICE of the CITY CLERK

TAX & PERMIT DIVISION (213) 368-7000
P.O. BOX 30626
LOS ANGELES, CALIFORNIA 90030-0626

ENF E

ACCOUNT NO.	FUND	CLASS	Pymt. Code	M.C.	O.B.	PERIOD	DATE DUE	DELINQUENT AFTER
025232-44	F	715	09			A96	11-01-95	12-31-95

NOTICE OF HEARING: FAILURE TO REPORT UNDERGROUND TANKS

NUMBER OF TANKS _____.

BY THE PROVISIONS OF SEC. 57.04.11 OF THE LOS ANGELES MUNICIPAL CODE, YOU ARE HEREBY NOTIFIED TO APPEAR FOR HEARING AT ANY OFFICE SHOWN ON THE ENVELOPE BY MAR. 20,1996 BETWEEN 9 A.M. AND 3 P.M. TO SHOW CAUSE WHY YOUR PERMIT SHOULD NOT BE REVOKED. BRING THIS NOTICE WITH YOU. IF YOU FAIL TO APPEAR, OR TO REMOVE THE CAUSE FOR HEARING BY THE ABOVE DATE, THE PERMIT SHOWN ABOVE WILL BE REVOKED EFFECTIVE 12:01 A.M. THE NEXT DAY. SEC. 57.04.11 (C) L.A.M.C. STATES IN PART: "ANY PERSON WHO ENGAGES IN ANY BUSINESS AFTER THE PERMIT ISSUED THEREFOR HAS BEEN REVOKED AND BEFORE SUCH REVOKED PERMIT HAS BEEN REINSTATED OR A NEW PERMIT ISSUED SHALL BE GUILTY OF A MISDEMEANOR." TO REMOVE THE CAUSE FOR HEARING, REPORT THE NUMBER OF TANKS.

1501 S FIGUEROA ST
LOS ANGELES CA 90015

CITY OF LOS ANGELES
LA CONVENTION CENTER DEPT
C/O DALE ROGERS FAC MGMT
1201 S FIGUEROA ST
LOS ANGELES CA 90015

AMOUNT OF FEE
$ NO FEE

PENALTY
$

TOTAL DUE
$

MAKE ALL CHECKS PAYABLE TO:
CITY CLERK, CITY OF LOS ANGELES

PLEASE WRITE YOUR ACCOUNT NO. ON YOUR CHECK.

IF YOU ARE NO LONGER ENGAGED IN THIS ACTIVITY, SHOW DATE ACTIVITY CEASED. SIGN AND RETURN THIS STATEMENT. ALSO, PLEASE COMPLETE REVERSE SIDE.

DATE ACTIVITY CEASED _____

SIGNATURE _____ DATE _____

TITLE _____ PHONE NO. _____

PYMT. DT.

RETURN THIS COPY

FORM 1003U (REV 7/95)

CITY of LOS ANGELES
OFFICE of the CITY CLERK

TAX & PERMIT DIVISION (213) 368-7000
P.O. BOX 30626
LOS ANGELES, CALIFORNIA 90030-0626

ENF E

ACCOUNT NO.	FUND	CLASS	Pymt. Code	M.C.	O.B.	PERIOD	DATE DUE	DELINQUENT AFTER
811928-96	F	715	09			A96	11-01-95	12-31-95

NOTICE OF HEARING: FAILURE TO REPORT UNDERGROUND TANKS

NUMBER OF TANKS _____.

BY THE PROVISIONS OF SEC. 57.04.11 OF THE LOS ANGELES MUNICIPAL CODE, YOU ARE HEREBY NOTIFIED TO APPEAR FOR HEARING AT ANY OFFICE SHOWN ON THE ENVELOPE BY MAR. 20,1996 BETWEEN 9 A.M. AND 3 P.M. TO SHOW CAUSE WHY YOUR PERMIT SHOULD NOT BE REVOKED. BRING THIS NOTICE WITH YOU. IF YOU FAIL TO APPEAR, OR TO REMOVE THE CAUSE FOR HEARING BY THE ABOVE DATE, THE PERMIT SHOWN ABOVE WILL BE REVOKED EFFECTIVE 12:01 A.M. THE NEXT DAY. SEC. 57.04.11 (C) L.A.M.C. STATES IN PART: "ANY PERSON WHO ENGAGES IN ANY BUSINESS AFTER THE PERMIT ISSUED THEREFOR HAS BEEN REVOKED AND BEFORE SUCH REVOKED PERMIT HAS BEEN REINSTATED OR A NEW PERMIT ISSUED SHALL BE GUILTY OF A MISDEMEANOR." TO REMOVE THE CAUSE FOR HEARING, REPORT THE NUMBER OF TANKS.

AMOUNT OF FEE
$ NO FEE

MAKE ALL CHECKS PAYABLE TO:
CITY CLERK, CITY OF LOS ANGELES

PENALTY
$

PLEASE WRITE YOUR ACCOUNT NO. ON YOUR CHECK.

TOTAL DUE
$

IF YOU ARE NO LONGER ENGAGED IN THIS ACTIVITY, SHOW DATE ACTIVITY CEASED. SIGN AND RETURN THIS STATEMENT. ALSO, PLEASE COMPLETE REVERSE SIDE.

DATE ACTIVITY CEASED _____

SIGNATURE _____ DATE _____

TITLE _____ PHONE NO. _____

CITY OF LOS ANGELES
LA CONVENTION CENTER DEPT
C/O DALE ROGERS FAC MAGMT
1201 S FIGUEROA ST
LOS ANGELES CA 90015

PYMT. DT.

RETURN THIS COPY

FORM 1003U (REV 7/95)

CITY of LOS ANGELES
OFFICE of the CITY CLERK

TAX & PERMIT DIVISION (213) 368-7000
P.O. BOX 30626
LOS ANGELES, CALIFORNIA 90030-0626

ENF E

ACCOUNT NO.	FUND	CLASS	Pymt. Code	M.C.	O.B.	PERIOD	DATE DUE	DELINQUENT AFTER
812735-93	F	715	09			A96	11-01-95	12-31-95

NOTICE OF HEARING: FAILURE TO REPORT UNDERGROUND TANKS

NUMBER OF TANKS _____.

BY THE PROVISIONS OF SEC. 57.04.11 OF THE LOS ANGELES MUNICIPAL CODE, YOU ARE HEREBY NOTIFIED TO APPEAR FOR HEARING AT ANY OFFICE SHOWN ON THE ENVELOPE BY MAR. 20,1996 BETWEEN 9 A.M. AND 3 P.M. TO SHOW CAUSE WHY YOUR PERMIT SHOULD NOT BE REVOKED. BRING THIS NOTICE WITH YOU. IF YOU FAIL TO APPEAR, OR TO REMOVE THE CAUSE FOR HEARING BY THE ABOVE DATE, THE PERMIT SHOWN ABOVE WILL BE REVOKED EFFECTIVE 12:01 A.M. THE NEXT DAY. SEC. 57.04.11 (C) L.A.M.C. STATES IN PART: "ANY PERSON WHO ENGAGES IN ANY BUSINESS AFTER THE PERMIT ISSUED THEREFOR HAS BEEN REVOKED AND BEFORE SUCH REVOKED PERMIT HAS BEEN REINSTATED OR A NEW PERMIT ISSUED SHALL BE GUILTY OF A MISDEMEANOR." TO REMOVE THE CAUSE FOR HEARING, REPORT THE NUMBER OF TANKS.

AMOUNT OF FEE
$ NO FEE

MAKE ALL CHECKS PAYABLE TO:
CITY CLERK, CITY OF LOS ANGELES

PENALTY
$

PLEASE WRITE YOUR ACCOUNT NO. ON YOUR CHECK.

TOTAL DUE
$

IF YOU ARE NO LONGER ENGAGED IN THIS ACTIVITY, SHOW DATE ACTIVITY CEASED. SIGN AND RETURN THIS STATEMENT. ALSO, PLEASE COMPLETE REVERSE SIDE.

DATE ACTIVITY CEASED _____

SIGNATURE _____ DATE _____

TITLE _____ PHONE NO. _____

CITY OF LOS ANGELES
LA CONVENTION CENTER DEPT
C/O DALE ROGERS FAC MGMT
1201 S FIGUEROA ST
LOS ANGELES CA 90015

PYMT. DT.

RETURN THIS COPY

FORM 1003U (REV 7/95)

CITY of LOS ANGELES
OFFICE of the CITY CLERK

TAX & PERMIT DIVISION
ROOM 101 CITY HALL
LOS ANGELES, CALIFORNIA 90012
(213) 368-7000

ENF E

ACCOUNT NO.	FUND	CLASS	Pymt. Code	M.C.	O.B.	PERIOD	DATE DUE	DELINQUENT AFTER
025232-44	F	715	09			A95	11-01-94	12-31-94

1995 FIRE PERMIT RENEWAL UNDRGRND TANKS EXMPT

NUMBER OF TANKS _____

ALTHOUGH NO FEE IS REQUIRED, YOU MUST RENEW PERMIT ON THIS FORM TO KEEP PERMIT ACTIVE.

AMOUNT OF FEE
$ NO FEE

MAKE ALL CHECKS PAYABLE TO: ELIAS MARTINEZ, CITY CLERK

PENALTY
$

PLEASE WRITE YOUR ACCOUNT NO. ON YOUR CHECK.

TOTAL DUE
$

IF YOU ARE NO LONGER ENGAGED IN THIS ACTIVITY, SHOW DATE ACTIVITY CEASED, SIGN AND RETURN THIS STATEMENT. ALSO, PLEASE COMPLETE REVERSE SIDE.

DATE ACTIVITY CEASED _____

SIGNATURE _____ DATE _____

TITLE _____ PHONE NO. _____

1501 S FIGUEROA ST
LOS ANGELES CA 90015

CITY OF LOS ANGELES
LA CONVENTION CENTER DEPT
C/O DALE ROGERS FAC MGMT
1201 S FIGUEROA ST
LOS ANGELES CA 90015

FORM 1003U 6-92

PYMT. DT.

RETURN THIS COPY

CITY of LOS ANGELES
OFFICE of the CITY CLERK

TAX & PERMIT DIVISION
ROOM 101 CITY HALL
LOS ANGELES, CALIFORNIA 90012
(213) 368-7000

ENF E

ACCOUNT NO.	FUND	CLASS	Pymt. Code	M.C.	O.B.	PERIOD	DATE DUE	DELINQUENT AFTER
007346-69	F	715	09			A95	11-01-94	12-31-94

1995 FIRE PERMIT RENEWAL UNDRGRND TANKS EXMPT

NUMBER OF TANKS _____

ALTHOUGH NO FEE IS REQUIRED, YOU MUST RENEW PERMIT ON THIS FORM TO KEEP PERMIT ACTIVE.

AMOUNT OF FEE
$ NO FEE

MAKE ALL CHECKS PAYABLE TO: ELIAS MARTINEZ, CITY CLERK

PENALTY
$

PLEASE WRITE YOUR ACCOUNT NO. ON YOUR CHECK.

TOTAL DUE
$

IF YOU ARE NO LONGER ENGAGED IN THIS ACTIVITY, SHOW DATE ACTIVITY CEASED, SIGN AND RETURN THIS STATEMENT. ALSO, PLEASE COMPLETE REVERSE SIDE.

DATE ACTIVITY CEASED _____

SIGNATURE _____ DATE _____

TITLE _____ PHONE NO. _____

1301 S FIGUEROA ST
LOS ANGELES CA 90015

CITY OF LOS ANGELES
MUNICIPAL AUDITORIUM DEPT CITY OF LA
1201 S FIGUEROA ST
LOS ANGELES CA 90015

FORM 1003U 6-92

PYMT. DT.

RETURN THIS COPY

FIRE PERMIT

CITY OF LOS ANGELES

ISSUED: 04-24-93 E

PERMIT NO.	FUND	CLASS	DESCRIPTION	STARTED
061794-77	F	715	UNDRGRND TANKS EXMPT	04-07-93

THIS FIRE PERMIT IS DUE AND PAYABLE NOVEMBER 1ST EACH YEAR, AND IS DELINQUENT IF NOT PAID ON OR BEFORE DECEMBER 31ST EACH YEAR.

ISSUED TO

LOS ANGELES CONVENTION CENTER
C/O DICK WALSH, GENERAL MGR
1201 S FIGUEROA ST
LOS ANGELES CA 90015

BY: Donald O. Manning

CHIEF ENG./GEN MGR.

THIS PERMIT IS GOOD UNTIL VOIDED OR REVOKED. IT BECOMES VOID UPON ANY CHANGE OF OWNERSHIP OR LOCATION

NOTIFY THE CITY CLERK IN WRITING OF ANY CHANGE IN OWNERSHIP OR ADDRESS—ROOM 101, CITY HALL, LOS ANGELES, CALIF. 90012

IMPORTANT - READ REVERSE SIDE

FORM 2002

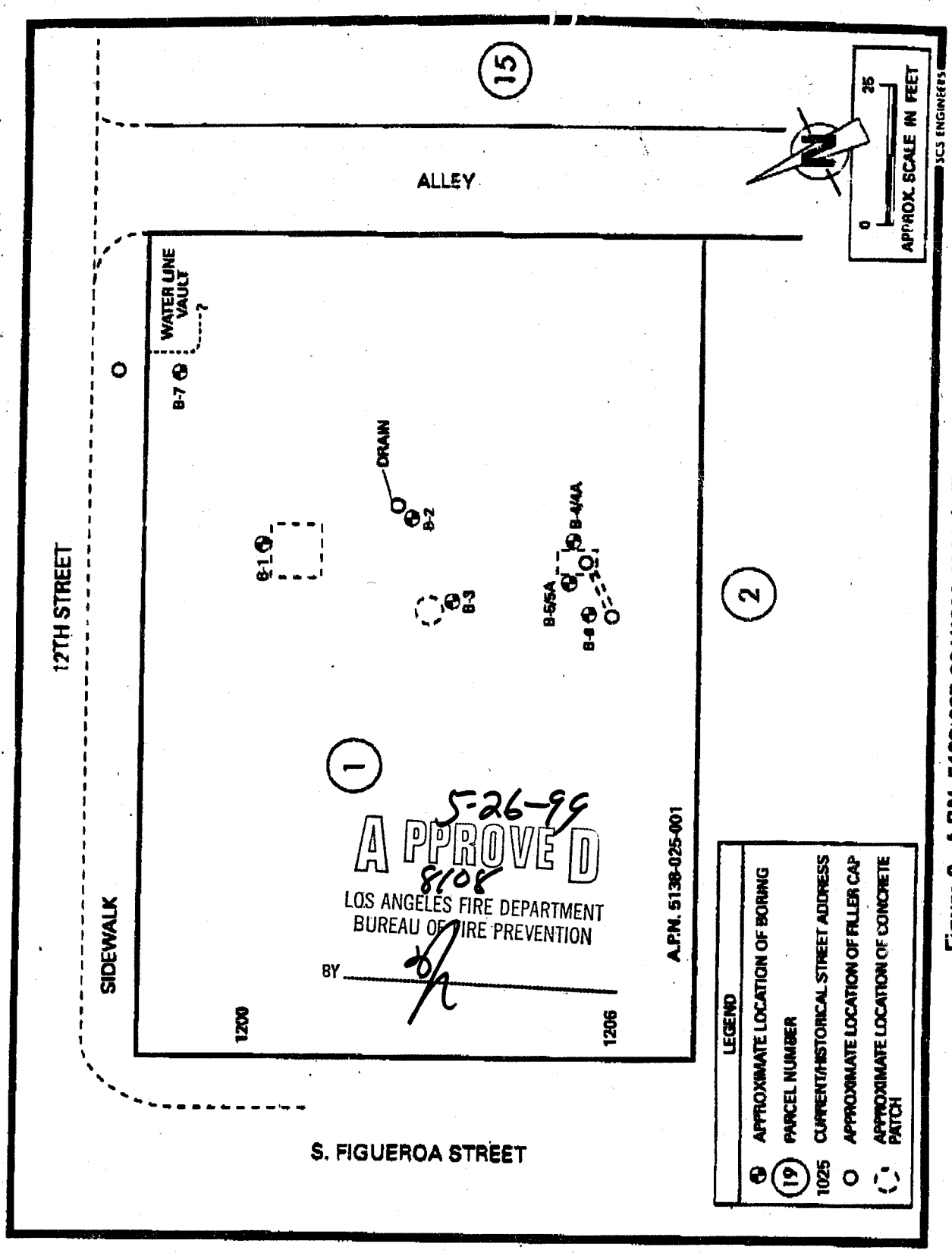


Figure 2. A.P.N. 5138-025-001/1200-1206 S. Figueroa Street.

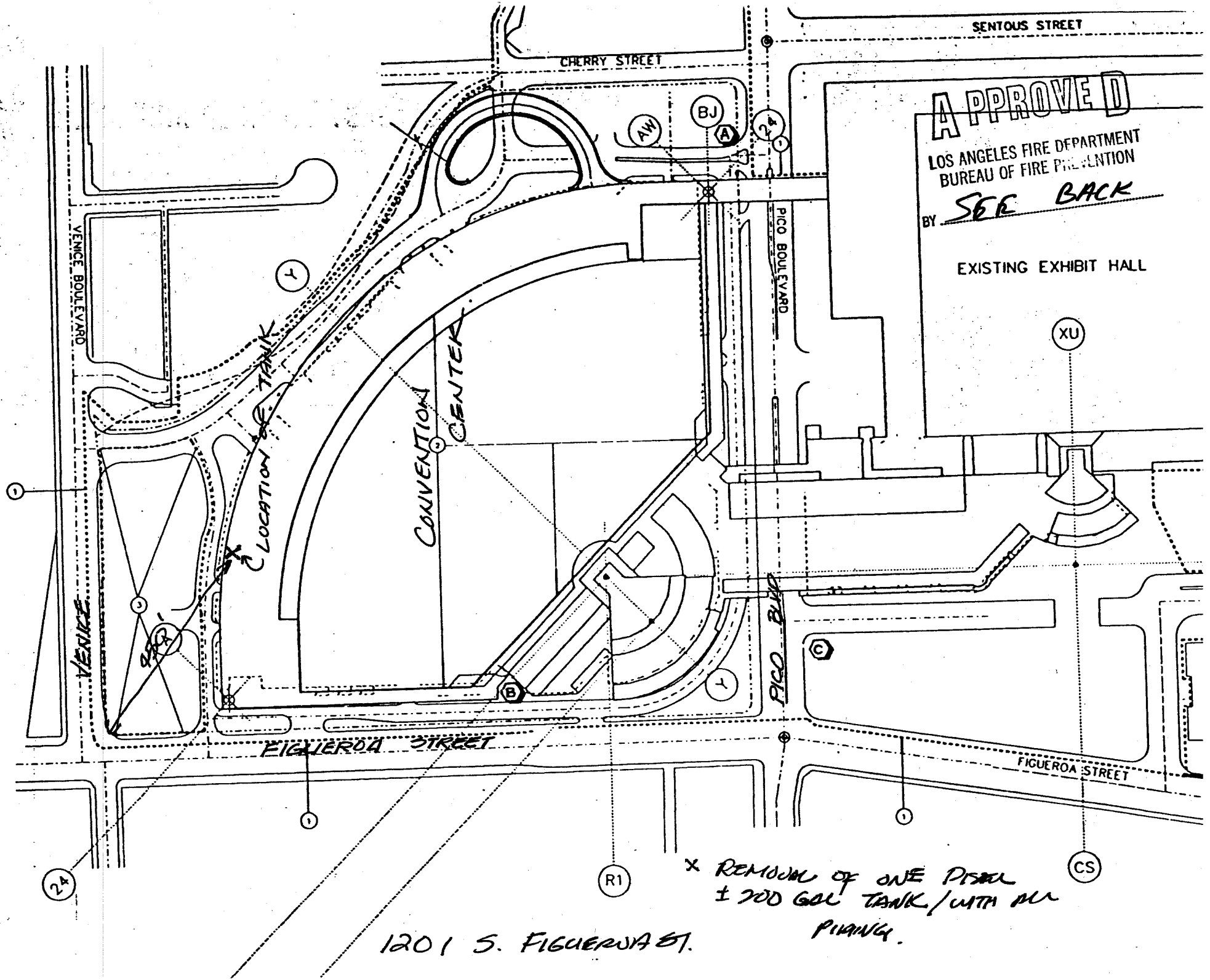
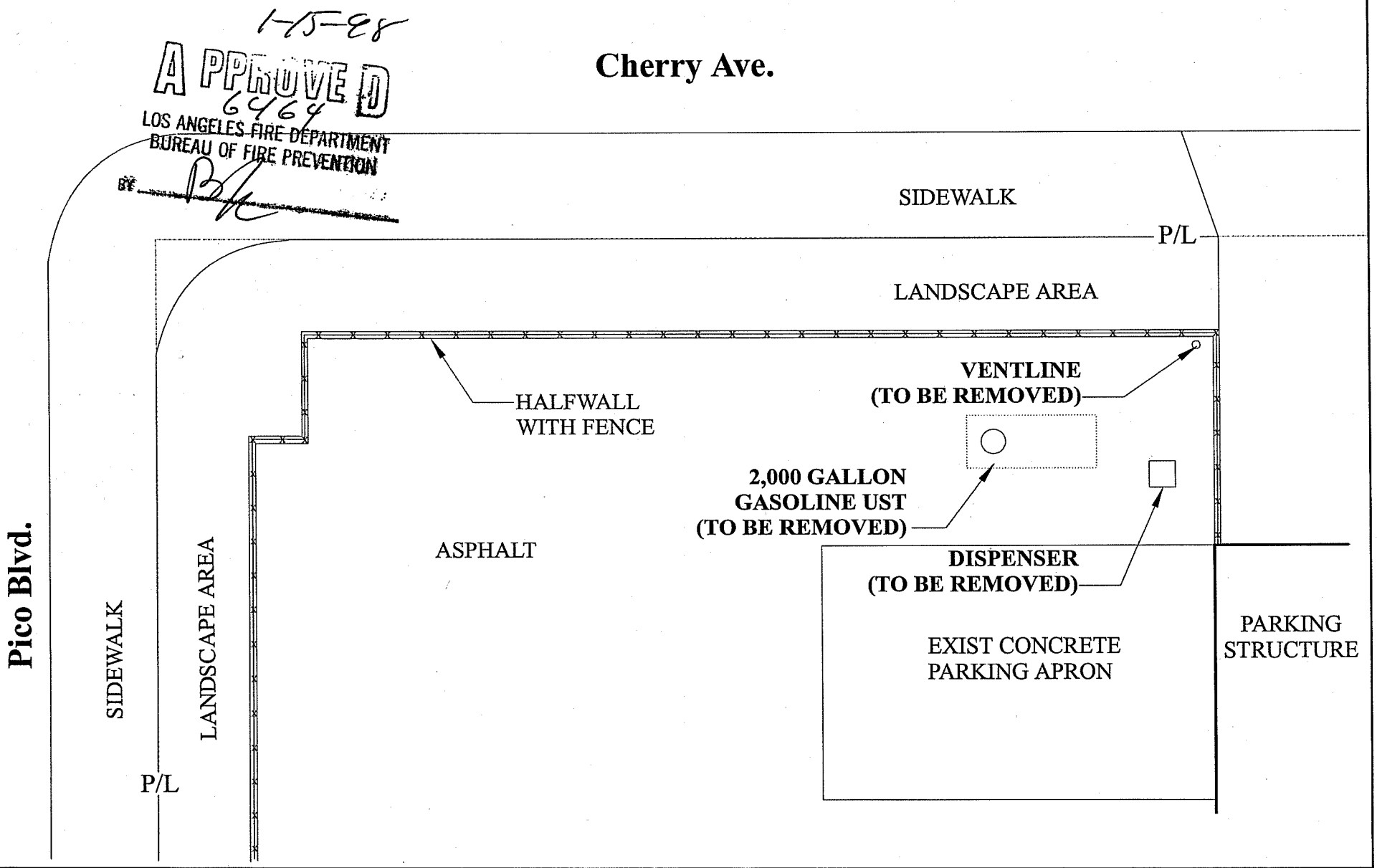

SENTOUS STREET
CHERRY STREET
APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY SEE BACK
EXISTING EXHIBIT HALL
PICO BOULEVARD
VENICE BOULEVARD
CONVENTION CENTER
LOCATION OF TANK
XU
BJ
AW
FIGUEROA STREET
R1
CS
X REMOVAL OF ONE DIESEL ± 200 GAL TANK WITH ALL PIPING.
1201 S. FIGUEROA ST.

Figure 2. Approximate Extent of Staple Arena Complex Site, Los Angeles, CA.

1-15-98
APPROVED
6464
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY



AESE
A.E. SCHMIDT ENVIRONMENTAL INC
CONSULTANTS AND CONTRACTORS
16509 Saticoy Street Van Nuys, CA 91402 1-800-501-2373

City of Los Angeles
Convention Center
1201 s. Figueroa St.
Los Angeles, California 90015

Drawn By:	A. Villanueva
Approved By:	C. Thixton
Date:	1-13-98
Job No.:	P2121
File Name:	2121-Fig2.cdr
Scale In Ft.	0 10 20

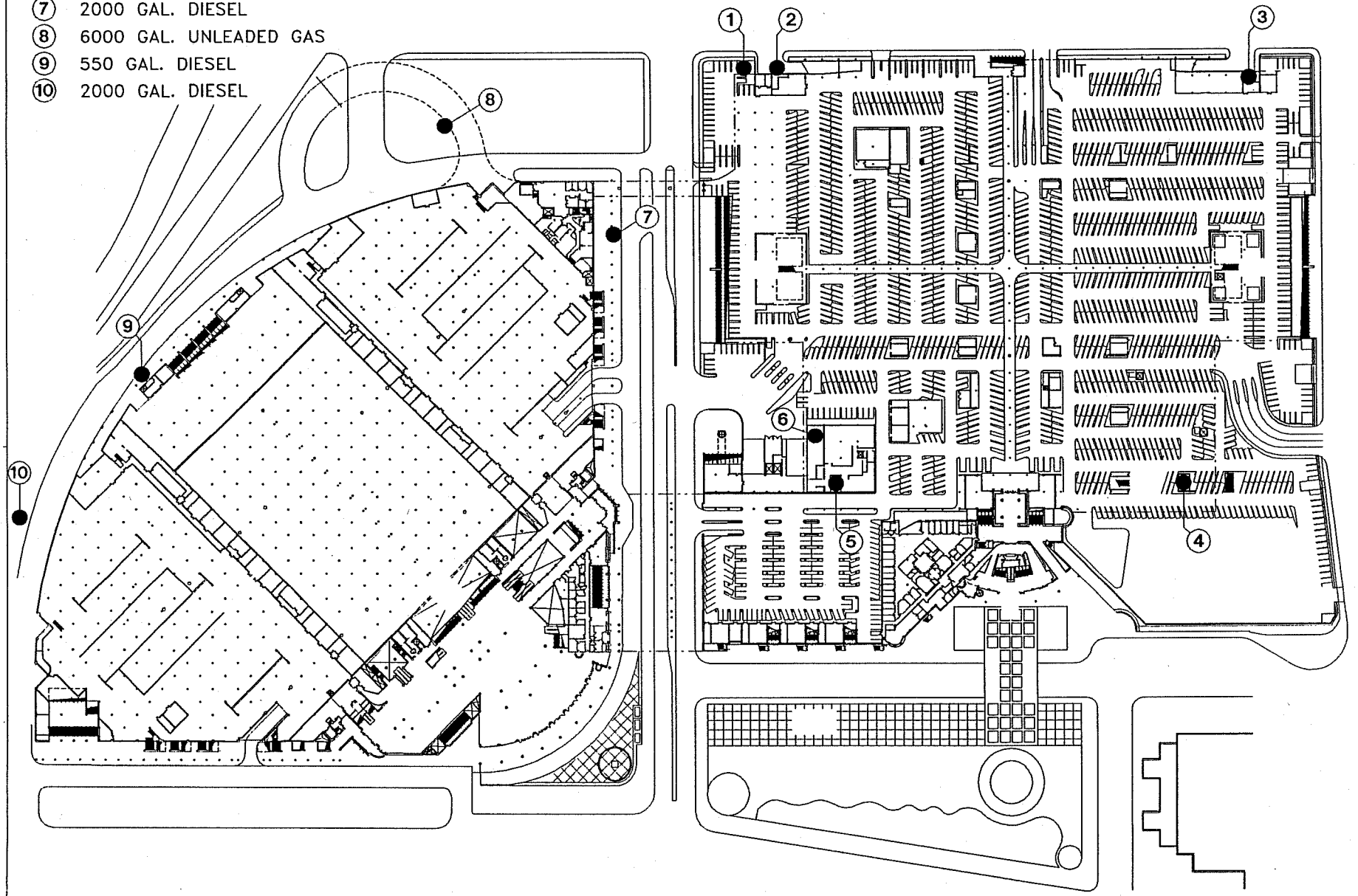
NORTH

Site Plan

FIGURE
2

LOS ANGELES CONVENTION CENTER
FUEL TANK LOCATIONS
JAN 23, 1995

1. 2000 GAL. UNLEADED GAS
2. 2000 GAL. DIESEL
3. 280 GAL. DIESEL
4. 280 GAL. DIESEL
5. 280 GAL. DIESEL
6. 300 GAL. DIESEL *NOTE- ABOVE GROUND
7. 2000 GAL. DIESEL
8. 6000 GAL. UNLEADED GAS
9. 550 GAL. DIESEL
10. 2000 GAL. DIESEL



Los Angeles Convention Center

PRINT DATE:

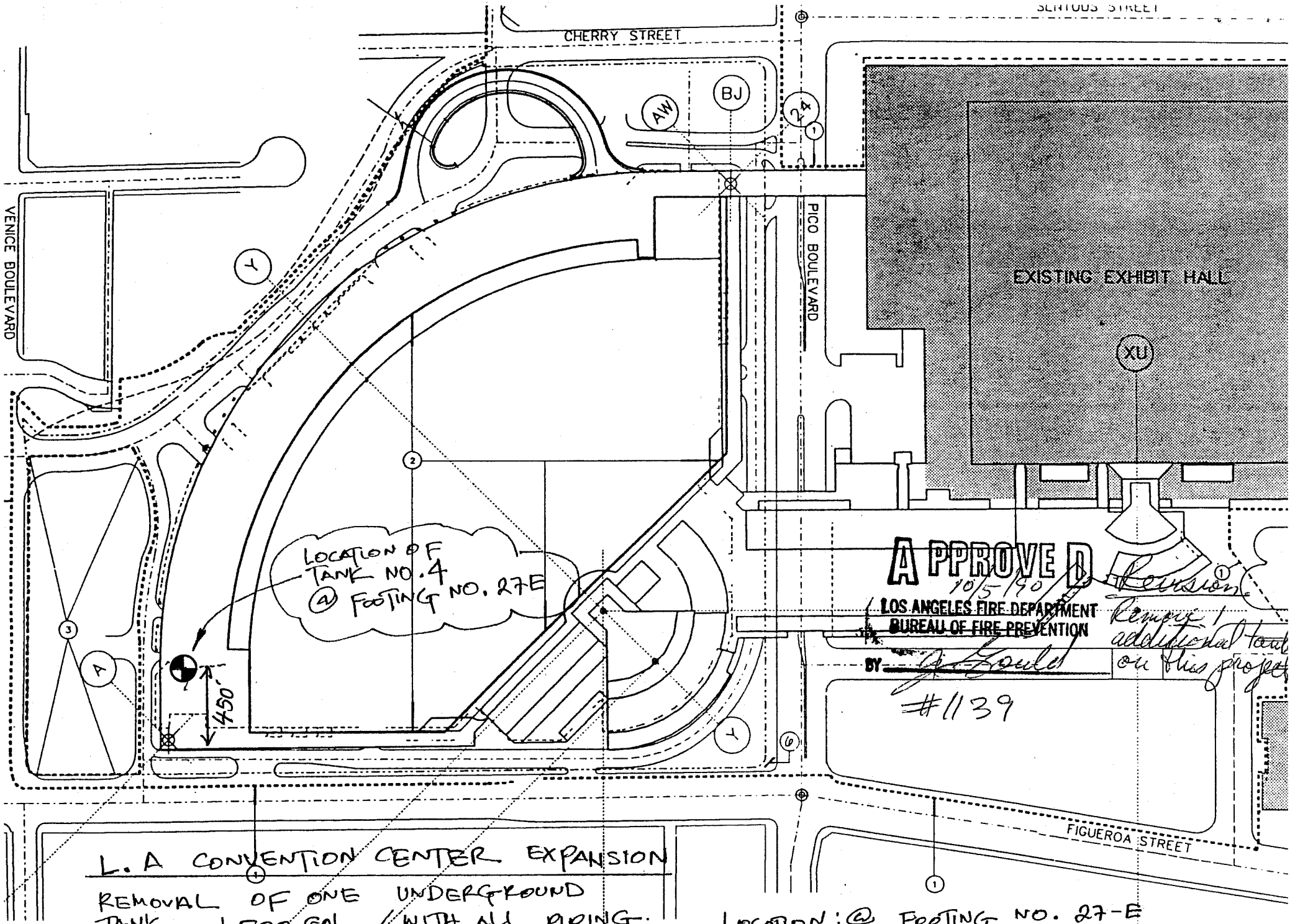
CHECKED BY:

DATE: 01.23.95

DRAWN BY: DJ

SHEET TITLE
L.A.C.C.
LEVEL 235 (P1)

235

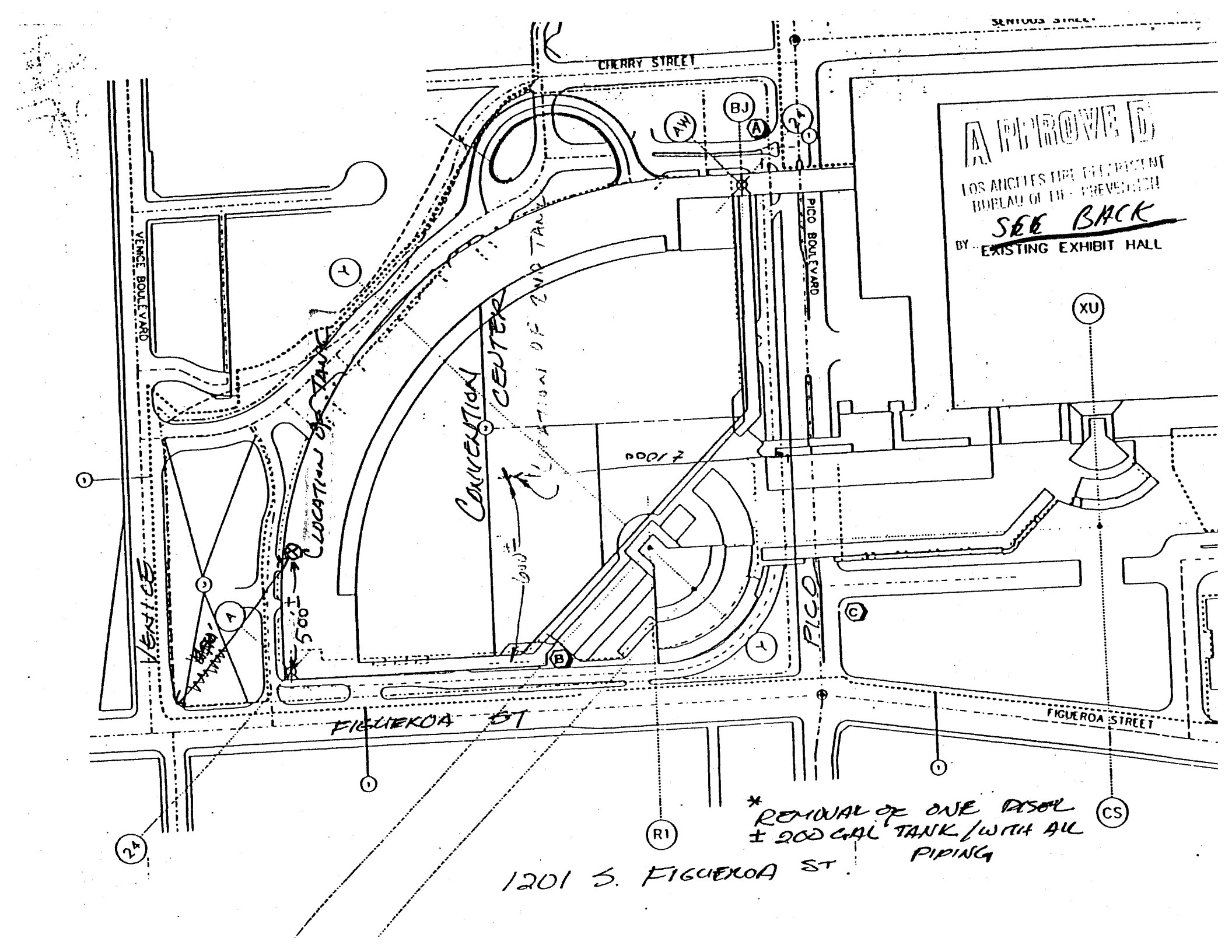


L.A CONVENTION CENTER EXPANSION

REMOVAL OF ONE UNDERGROUND TANK ±500 GAL. WITH ALL PIPING.

1201 S. FIGUEROA ST.

LOCATION: @ FOOTING NO. 27-E


CHERRY STREET
VENICE BOULEVARD
PICO BOULEVARD
CONVENTION CENTER
EXISTING EXHIBIT HALL
APPROVED
SEE BACK
XU
CS
R1
FIGUEROA ST
FIGUEROA STREET
PICO
WEST
* REMOVAL OF ONE DIESEL ± 200 GAL TANK W/ITH ALL PIPING
1201 S. FIGUEROA ST.

1201 S. FIGUEROA ST.

ONE 280 GAL. WASTE OIL TANK
200' W. OF FIGUEROA ST.
700' N. OF PICO BL.

SUBJECT TO FIELD INSPECTION

The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent Sections of the Municipal Code and other laws and regulations.

APPROVED
3/4/93
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

AMENDED
#25730

PARKING STRUCTURE

SENTOUS STREET

STREET

STREET

PICO BOULEVARD

ELEVENTH STREET

EXISTING EXHIBIT HALL

XU

AW

BJ

Y

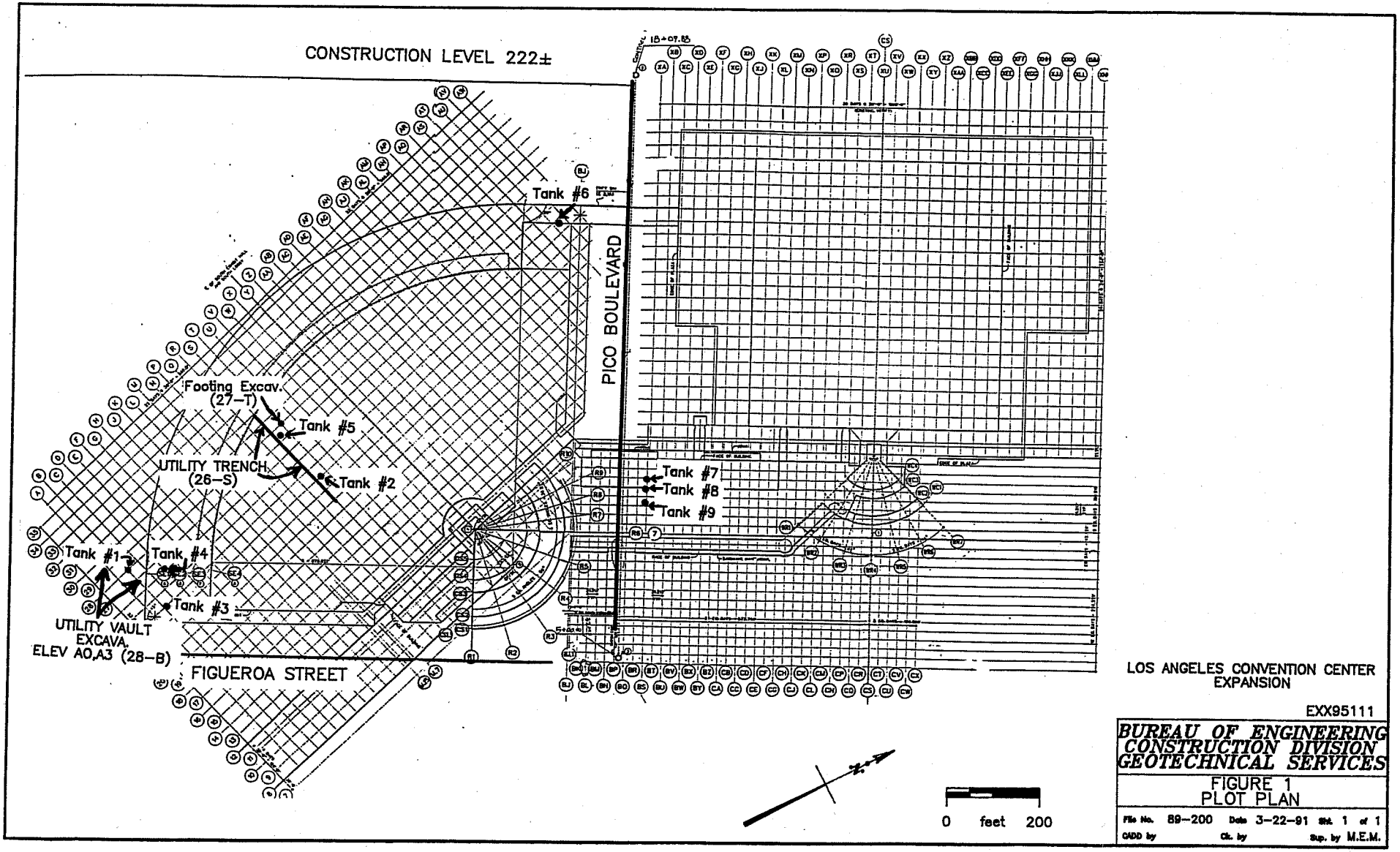
700'

One 280 gal. waste oil tank to be manifested as hazardous waste.

200'

EXISTING NORTH HALL

FIGUEROA STREET



LOS ANGELES CONVENTION CENTER EXPANSION

EXX95111

BUREAU OF ENGINEERING
CONSTRUCTION DIVISION
GEOTECHNICAL SERVICES

FIGURE 1
PLOT PLAN

File No. 89–200 Date 3–22–91 Sht. 1 of 1
CADD by Ck. by Sup. by M.E.M.

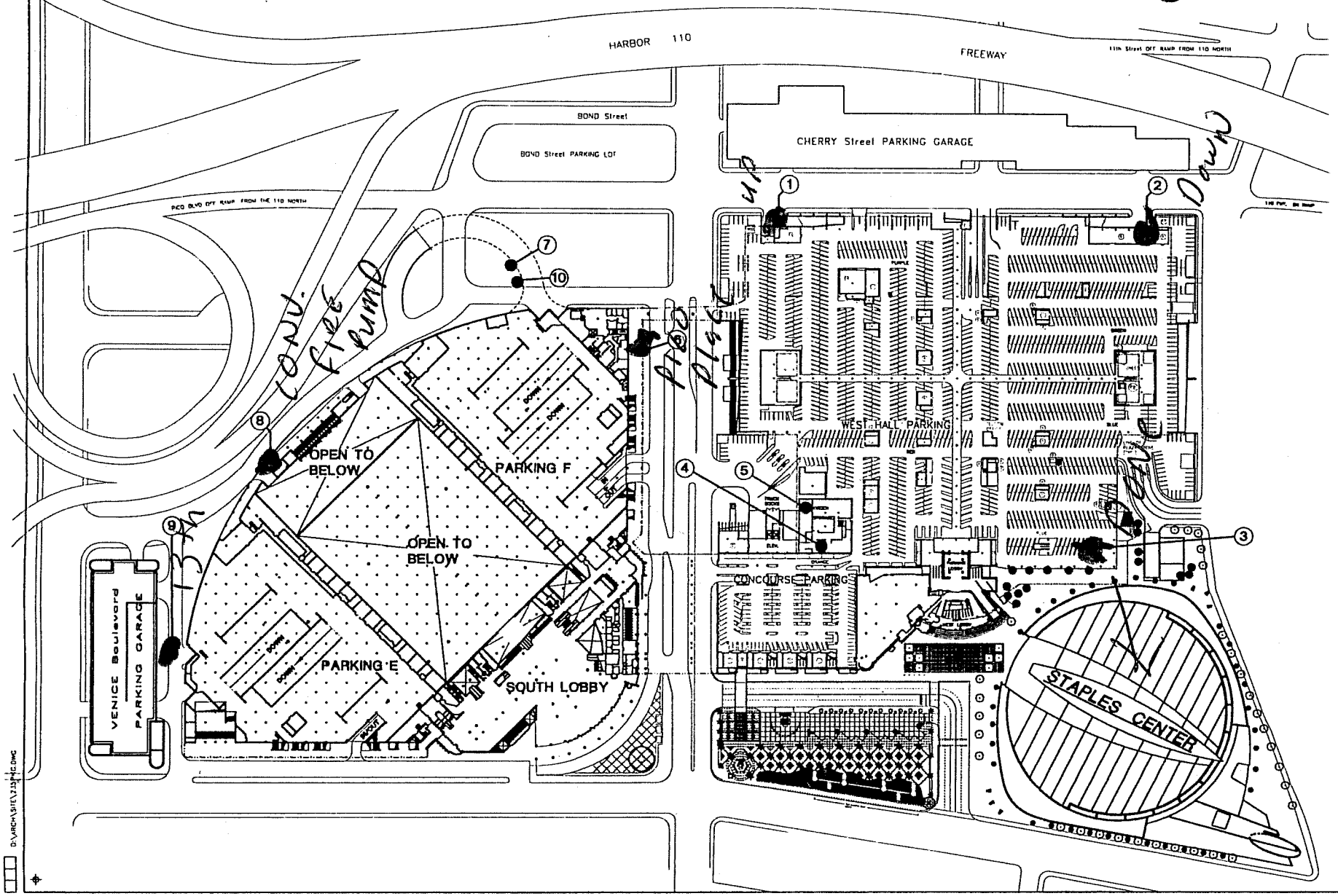
LOS ANGELES CONVENTION CENTER
FUEL TANK LOCATIONS
JULY 24, 2000

SCALE: 1"=300'

1201 S. FIGUEROA ST.
1. 2000 GAL. DIESEL
2. 1000 GAL. DIESEL
3. 1000 GAL. DIESEL
4. 280 GAL. DIESEL (ABANDONED)
5. 300 GAL. DIESEL – ABOVE GROUND

1301 S. FIGUEROA ST.
6. 2000 GAL. DIESEL
7. 6000 GAL. UNLEADED GAS
8. 550 GAL. DIESEL
10. 120 GAL. DIESEL – ABOVE GROUND

1501 S. FIGUEROA ST.
9. 2000 GAL. DIESEL



Los Angeles Convention Center

PRINT DATE:
CHECKED BY:
DATE: 07/24/00
DRAWN BY: DJ/BJA

SHEET TITLE
L.A.C.C.
LEVEL 235 (P1)

235

D:\ARCH\SHEV235PIC.DWG

BOARD OF
FIRE COMMISSIONERS

DAVID W. FLEMING
PRESIDENT
MEL WILSON
VICE-PRESIDENT
LARRY GONZALEZ
ELIZABETH H. LOWE
CHERYL PETERSEN

LYNNE NELSON
EXECUTIVE ASSISTANT

CITY OF LOS ANGELES
CALIFORNIA

RICHARD J. RIORDAN
MAYOR

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012

WILLIAM R. BAMATTRE
FIRE CHIEF
AND
GENERAL MANAGER
(213) 485-6003
http://www.ci.la.ca.us/dept/LAFD

August 29, 2000

SCANNED

DEC 20 2004

Mr. Greg Acosta
Bryan A. Stirrat and Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Dear Mr. Acosta:

1111 South Figueroa Street
Los Angeles, California

The Fire Department has reviewed the Closure Report dated May 11, 1999, as submitted by Bryan A. Stirrat and Associates.

Based on the information provided to date, this Department has determined that no further action is required at this time.

Please note that this correspondence does not exempt you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at this site. Additionally, you maintain the responsibility to correct additional or previously unidentified conditions at the site which cause, or thereafter to cause, pollution or nuisance, or otherwise pose a threat to water quality or public health.

If you require additional information from the Los Angeles Fire Department, please contact Inspector Percy Jones of the Environmental Unit, at (213) 485-7543..

Very truly yours,

WILLIAM R. BAMATTRE
Fire Chief

Alfredo G. Gonzales

Alfredo G. Gonzales, Captain II
Commander, Environmental Unit

AGG:PEJ:crj/a:3662

Recyclable and made from recycled waste.

PIER 7

BRYAN A. STIRRAT & ASSOCIATES
CIVIL AND ENVIRONMENTAL ENGINEERS

May 11, 1999

Inspector Dean Stivason
City of Los Angeles Fire Department
200 North Main Street
Los Angeles, California 90012

RECEIVED
MAY 13 1999
UNDERGROUND TANK

RE: TANK REMOVAL SUMMARY
1111 SOUTH FIGUEROA STREET
REFERENCE PERMIT #7944

Dear Inspector Stivason:

On March 26, 1999, one 150-gallon underground fuel storage tank was removed from the construction site for the Staples Center Downtown Arena located at 1111 South Figueroa Street in the City of Los Angeles. The location of the tank is shown on Figure 1 (attached). Tank cleaning and removal operations were witnessed by a Los Angeles City Fire Department (LAFD) representative. The certificate of destruction for the tank has been included as an attachment to this letter.

Bryan A. Stirrat & Associates collected two soil samples, one from soil in the tank and one immediately beneath the tank location. In accordance with LAFD guidelines, each sample was analyzed for total recoverable petroleum hydrocarbons (EPA Method 418.1), benzene, toluene, ethylbenzene, and xylenes (EPA Method 8020) and total lead (EPA Method 7240). Results of these analyses are summarized in Table 1 (attached). All impacted soil was removed from the site and disposed of on April 8, 1999. The completed and signed non-hazardous wastes manifest for soil disposal at Crosby & Overton and the weighmaster certificate from Alameda Street Metal Corporation for disposal of the tank are included as attachments to this letter.

Should you have any questions or concerns regarding the above activities, and/or the attached information, please contact me at (909) 860-7777.

Very truly yours,

Greg Acosta, P.E. (# C48725)
Project Manager, Environmental Services Division

Attachments

cc: Mr. Bryan A. Stirrat (BAS)
Mr. Greg Farnham (PCL)
Mr. Manny Zabat (PCL)
Mr. James L. Linyard (L.A. Arena Company)

L:\cpclonst\9819\corrspnd\CLAFDlet2

ATTACHMENTS

Figure 1 UST Location Map
Table 1 Soil Data Summary
Tank Certificate of Destruction
Laboratory Reports with Chain of Custody Forms
Waste Manifest for Impacted Soil
Weighmaster Certificate for Tank Disposal

FIGURE 1
UST LOCATION MAP

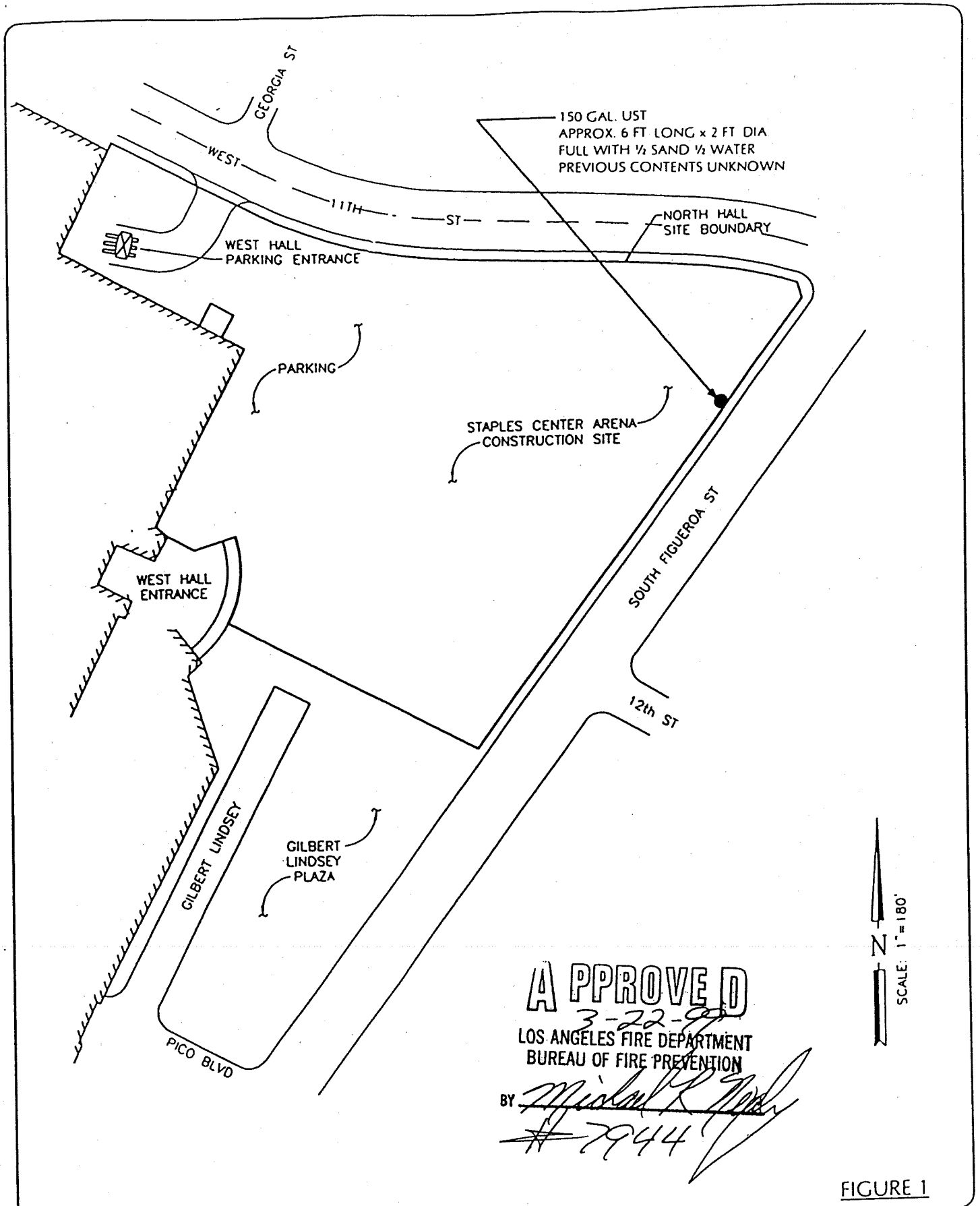


FIGURE 1

BAS
(909) 860-7777
BRYAN A. STIRRAT & ASSOCIATES
CIVIL AND ENVIRONMENTAL ENGINEERS
1360 VALLEY VISTA DRIVE DIAMOND BAR, CA 91765

UST LOCATION

STAPLES CENTER ARENA
1111 S. FIGUEROA ST.
LOS ANGELES, CALIFORNIA

JOB NO	9819-200
DATE	12-19-97
DRAWN BY	D.L.L
CHECKED BY	G.C

G:\DWG\97117\26042DB DWG

TABLE 1
SOIL DATA SUMMARY

TABLE 1

RESULTS OF SOIL SAMPLE ANALYSES
UST REMOVAL
1111 SOUTH FIGUEROA STREET

Constituent	Tank 1 (3/26/99)	
	T-1 ("Tank")	S-1 ("Base Sample")
TRPH (mg/Kg)	493	4.2
Benzene (ug/Kg)	ND	ND
Toluene (ug/Kg)	ND	ND
Ethylbenzene (ug/Kg)	ND	ND
p&m-Xylenes (ug/Kg)	ND	ND
o-Xylenes (ug/Kg)	ND	ND
Total Lead (mg/Kg)	20	19

Notes:
mg/Kg = milligrams per kilogram
ug/Kg = microgram per kilogram

TANK CERTIFICATE OF DESTRUCTION

HUGO NEU-PROLER COMPANY
WORLDPORT L.A. — METAL RECYCLERS

TANK DESTRUCTION CERTIFICATE

DATE: March 30, 1999

CONTRACTOR: Ledsam Contracting
1411 Oregon Avenue
Long beach, CA 90813

GENERATOR: Community Redevelopment Agency
Of the City of Los Angeles

JOB SITE: 11th & Figueroa
Los Angeles, CA

DESCRIPTION OF TANK & PIPING:
1 ea. - 150 Gallon tank
& all associated piping

REFERENCE NO. DNA
Dated 3/22/99

This is to certify receipt and acceptance of the tanks and associated piping specified above. All materials listed above will be completely destroyed for scrap purposes only.

Ana M. Todd
AUTHORIZED SIGNATURE

LABORATORY REPORTS WITH CHAIN OF CUSTODY FORMS

LEE&RO
Environmental Laboratories
a division of LEE&RO, Inc

Mailing Address:
P.O.Box 93070
City of Industry, CA 91715-3070

Tel: (626) 912-3391 • Fax: (626) 912-2015
1199 South Fullerton Road, City of Industry, CA 91748

METAL ANALYSIS

Client Name : *Bryan A. Stirrat & Associates*
Matrix : Soil

Date Sampled : 3/26/99
Date Received : 3/26/99
Date Reported : 4/7/99

Client ID	LEE & RO ID	Date Analyzed	Sample Analysis	EPA Method	Result	Unit	M.D.L.	P.Q.L.
T-1	991211-01	4/7/99	Total Lead	7420/6010B	20	mg/kg	0.2	1
S-1	991211-02	4/7/99	Total Lead	7420/6010B	19	mg/kg	0.2	1

Key: ND = Not Detected MDL = Method Detection Limit PQL = Practical Quantitation Limit
NA = Sample was not analyzed for these parameters during the specified sampling round.

LEE & RO Environmental Laboratories

Ellis Hsue
Laboratory Director

LEE&RO
Environmental Laboratories
a division of LEE&RO, Inc.

Mailing Address:
P.O.Box 93070
City of Industry, CA 91715-3070

Tel: (626) 912-3391 • Fax: (626) 912-2015
1199 South Fullerton Road, City of Industry, CA 91748

LABORATORY ANALYSIS

Client Name : ***Bryan A. Stirrat & Associates***
Matrix : Soil

Date Sampled : 3/26/99
Date Received : 3/26/99
Date Analyzed : 3/26/99
Date Reported : 3/29/99

ANALYTE	METHOD NUMBER	UNIT	LEE & RO I.D.	CLIENT I.D.	MDL	PQL	RESULTS
General Chemistry							
TRPH	418.1	mg/kg	991211-01	T-1	2	2	**493**
TRPH	418.1	mg/kg	991211-02	S-1	2	2	**4.2**

NOTES:

NA - Sample was not analyzed for these parameters during the specified sampling round.

ND - The analyte was not detected above the MDL.

NR - Data not recorded for this analysis.

J - Trace Concentration was between MDL and PQL.

LEE & RO Environmental Laboratories

Ellis Hsue
Laboratory Director

LEE&RO
Environmental Laboratories
a division of LEE&RO, Inc.

Mailing Address:
P.O.Box 93070
City of Industry, CA 91715-3070

Tel: (626) 912-3391 • Fax: (626) 912-2015
1199 South Fullerton Road, City of Industry, CA 91748

LABORATORY ANALYSIS

Client Name : BRYAN A. STIRRAT & ASSOCIATES
Type : Grab Sample
Matrix : Soil
Units : ug/kg

Date Sampled : 3/26/99
Date Received : 3/26/99
Date Analyzed : 4/2/99
Date Reported : 4/5/99

Volatile Aromatic Analysis BTEX by EPA 8020

Sample ID	Lab ID	Compounds					Surrogate
		Benzene	Toluene	Ethylbenzene	p&m-Xylene	o-Xylene	% Recovery
Method Blank	C9040203	ND	ND	ND	ND	ND	99
T-1	991211-01	ND	ND	ND	ND	ND	106
S-1	991211-02	ND	ND	ND	ND	ND	100
MDL		1	1	1	2	1	80-120

Client I.D. : S-1
L & R I.D. # : 991211-02

Date Analyzed : 4/2/99
Date Reported : 4/5/99

EPA 8020 (BTEX) Matrix Spike Recovery

Compounds	Sample conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limit	
								RPD	% Rec
Benzene	0.0	50.0	46.6	43.4	93	87	7	20	80-120
Toluene	0.0	50.0	48.6	56.0	97	112	14	20	80-120
Ethylbenzene	0.0	50.0	44.5	50.5	89	101	13	20	80-120
p&m-Xylene	0.0	100.0	89.4	94.5	89	95	6	20	80-120
o-Xylene	0.0	50.0	46.0	47.2	92	94	3	20	80-120

Key: **ND** = Not Detected **MDL** = Method Detection Limit

LEE & RO Environmental Laboratories

Ellis Hsue
Laboratory Director

"Analytical Laboratories and Environmental Engineers"

CHAIN OF CUSTODY RECORD

<991217>

Page 1 of 1

CLIENT NAME: BAS

ADDRESS: 1360 Valley Vista Drive
Diamond Bar, CA 91765

ATTENTION: Greg Acosta

TEL: (909)860-7777

FAX: (909)396-1768

CLIENT PO Number:

SAMPLE CONDITION

Sample Container Acceptable?
YES ☐ NO ☐

Sample Preserved?
YES ☐ NO ☐

Sample Precooled?
YES ☐ NO ☐

TURNAROUND TIME REQUIRED: NORMAL

ANALYSES REQUESTED

CLIENT ID/ SAMPLE LOCATION	LEE & RO ID NO.	MATRIX **	DATE SAMPLED	TIME SAMPLED	NO. OF CONTAINERS	418.1	8020 BTEX	7420 Total Lead
T-1	01	SOIL	3/26/99	1315	1	X	X	X
S-1	02	1	1	1317	1	X	X	X

** ABBREVIATIONS
A - Air
AQ - Aqueous
C - Composite
DW - Drinking Water
G - Grab
GW - Groundwater
NA - Nonaqueous
S - Soil
SL - Sludge
W - Water (Unknown)
WW - Wastewater

COMMENTS:

Terri Booth 3/26/99; 1510
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

LEE & RO
Environmental Laboratories
1199 South Fullerton Road, City of Industry, CA 91748
Tel: (626) 912-3391 FAX: (626) 912-2015

J:\SHARE\LAB\FORMS\CH-CUST.REC

White - Accompany Lab Report to Client Canary - Other Use Pink - Chrono File Gold - Client's Copy as Sample Receipt

WASTE MANIFEST FOR IMPACTED SOIL

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-98)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000108710 Manifest Document No. 116811021
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
L.A. Arena Development Co.
865 S. Figueroa St. Los Angeles CA 90017
4. Generator's Phone (213) 624-3100

5. Transporter 1 Company Name: Ancon Marine
6. US EPA ID Number: CAD981737068

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
Cross Overton
1630 W. 16th St.
Long Beach, CA 92108
10. US EPA ID Number: CAD028409019

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA Hazardous Waste Solids	003	DM	11110	P
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information
Wear proper Protective clothing when handling
24 hour contact
24 hour phone Ancon 562 302 0936 / Doc Bill Ledson Contracting

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Danny Nelson		04	08	99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rafael Gutierrez		04	15	99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
John Armour		04	19	99

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 3000, Sacramento, CA 95812

DTSC 8022A (1/95)
EPA 8700-22

WEIGHMASTER CERTIFICATE FOR TANK DISPOSAL

WEIGHMASTER CERTIFICATE
TRUCK SCALE

TICKET #: T0D057

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

724942

Purchased from:
STU LEDSAM
1411 OREGON AVE
LONG BEACH CA 90813

ALAMEDA STREET METAL CORP.
10313 S. ALAMEDA ST.
LOS ANGELES CA 906002

I.D # SFSC.:A Veh. # SFS0506 Order #
SUPPLIER I.:0300

COMMODITY	GROSS	TARE	NET	ADJ REASON	PD WT	PRICE	TOTAL AMT
#1 OFFROD	12320A RT	12160A RT	160		160	15.6900GT	1.37
TOTALS	12320	12160	160		160		1.07

WEIGHMASTER SIGNATURE (RAYMOND TAYLOR)

Date In 03/26/99 GROSS TONS
Time In 14:34 .0714
Date Out 03/26/99
Time Out 14:39

A=SCALE 1 B=SCALE 2 C=SCALE 3 D=SCALE 4 H=MANUAL WEIGHT

96173

DAN NAPIER, CIH

DAN NAPIER AND ASSOCIATES

LICENSE #653388

15342 HAWTHORNE BOULEVARD, SUITE 400
POST OFFICE BOX 1540
LAWNDALE, CALIFORNIA 90260-6440
TELEPHONE 310/800 644-1924 FAX 310/644-8370

Certified Industrial Hygienist Certificate

Survey Requested by: Ledsam Contracting

Owner of UST: (c/A. Area LA. City Developers)

Date of survey: 3-26-99

Tank Description: Steel tank

Capacity: 150 Gallons

Last known Contents: Heating fuel

Location of Tank: 11th + Figueroa Los Angeles

Test Method: direct instrument reading
Calibration

Date 3-22-99 Inst# Gastech Safe Temp type 200

Time Survey Completed: 12:34

Instructions: Remove tank and immediately place on the transport vehicle. Immediately transport to site of demolition.

The above tank or tanks have been triple rinsed, or the equivalent, pressure wash with minimum 3000-psi water pressure. The Environmental Protection Agency's cleaning criteria for empty containers (40 CFR 261.7 Residues of Hazardous Waste in Empty Containers) was used by Dan Napier & Associates as an appropriate means of ascertaining the cleanliness of the equipment. According to 40 CFR 261.7:

> A container or inner liner removed from a container that has held an acute hazardous waste listed in EPA 261.31,32,33E (EPA HW No F, K, P, U) is empty if it has been triple rinsed using a solvent capable of removing the commercial chemical product or it has been cleaned by another method that has been shown in the scientific literature to achieve equivalent removal.

The above tank(s) has (have) been tested and the Lower Explosion Level (LEL) is equal to or less than 0% (zero percent).

"The undersigned acknowledges receipt of this Certificate under Section 2-3 of NFPA 306-1980 and understands conditions and limitations under which it was issued."

Signed [signature]

Company Ledsam Const. Date 3-26-99

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualification and instructions.

Signed [signature] 3-26-99
IH Technician

W. Victor Garvey is authorized to act on my behalf, Dan Napier, MS, CIH.

Signed [signature] Date 3-22-99

ABANDONMENT info. sheet

UGTE UNIT

disk 2 ugt 10-30-92

STATUS OF TANKS ON SITE

A. Have all tanks been abandoned on this site? (YES) or NO - How many tanks left? [ ]

B. Are any tanks going to be installed on this site in the future? YES - How many? [ ] or NO

ROUTING INSPECTORS - Insert ONE copy in each of the following:
1. Div 5 package (original) 2. Inspection blue book 3. Data entry 4. Haz Mat Box F.S. 10 Fac. No. _____

Site address	Inspection District No. 423	Division 5 permit No. 7944
Inspector name	Inspector No.	Date of abandonment 3-26-99
Contractor	Resp Person	Phone no.

TANK INFORMATION

Facility/Tank I.D. no.	Tank size Metal or FRP (circle)	Product	Soils test	No. of samples	Soil color of tank bed, pile, trench or pit	Tank condition: Holes	Final LEL
1	150 (M) / F	OIL	4/18.1 8020 7420	1	NAT BACK	—	0
2	M / F						
3	M / F						
4	M / F						
5	M / F						
6	M / F						
Soils pile		11	1.1	1		Destination of tanks: DOWN TO LL	
Piping trench							
Dispenser pit							
Describe excavation: Odor		Liquid in hole		Other			

DOCUMENTS: NECESSARY FOR A COMPLETE PACKAGE

ABANDONMENT METHOD (CHECK)	WASH [X]	HAZARD WASTE [ ]	FILL IN PLACE [ ]	Documents 30 days Due date
Abandonment info sheet	X			
Time log - Site specific sheet	X			
Division 5 permit, application, and plot plans	X			
Cleaning certificates	X			Collect on-site
Uniform manifest: rinse liquid or tank	rinse X	tank	rinse	Collect on-site
Uniform manifest - Piping that is not flushed				Collect on-site
Certificate of disposal - Tank				
Certificate of disposal - Piping				
Soil Analysis Report				
Chain of custody				
Plot plan - showing locations of samples				
Division 4 fire permit registration - for tanks discovered on site, that have not been previously paid for.				

SOILS REPORT INFORMATION mg/kg - per million ug/kg - per billion

	Action level	Enter highest reading in mg/kg	Exceeds Action level
TPH	100 PPM (mg/kg)	PPM	YES NO
Benzene	1 PPM (mg/kg)	PPM	YES NO
Toluene	50 PPM (mg/kg)	PPM	YES NO
Xylene	50 PPM (mg/kg)	PPM	YES NO
Ethyuene	50 PPM (mg/kg)	PPM	YES NO
Total lead	0-200 PPM above bkgrd	PPM	YES NO
Water samples	anything detected	mg/kg ug/kg	YES NO

Misc. comments

Package completion & forwarding date:

○ Check here for comments on back

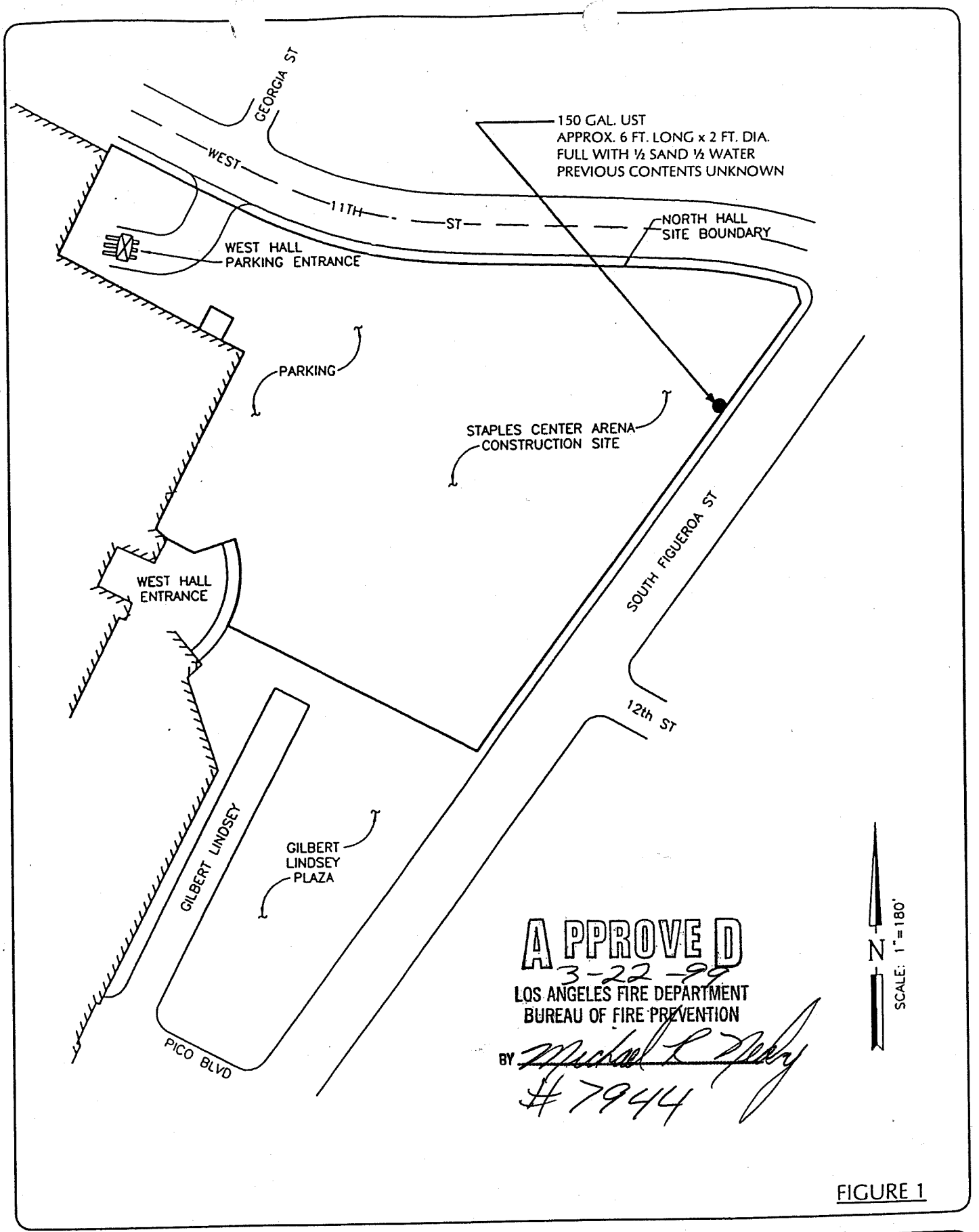


FIGURE 1

BAS
(909) 860-7777
BRYAN A. STIRRAT & ASSOCIATES
CIVIL AND ENVIRONMENTAL ENGINEERS
1360 VALLEY VISTA DRIVE DIAMOND BAR, CA 91765

UST LOCATION

STAPLES CENTER ARENA
1111 S. FIGUEROA ST.
LOS ANGELES, CALIFORNIA

JOB NO.	9819-200
DATE	12-19-97
DRAWN BY	D.L.L.
CHECKED BY	G.C.

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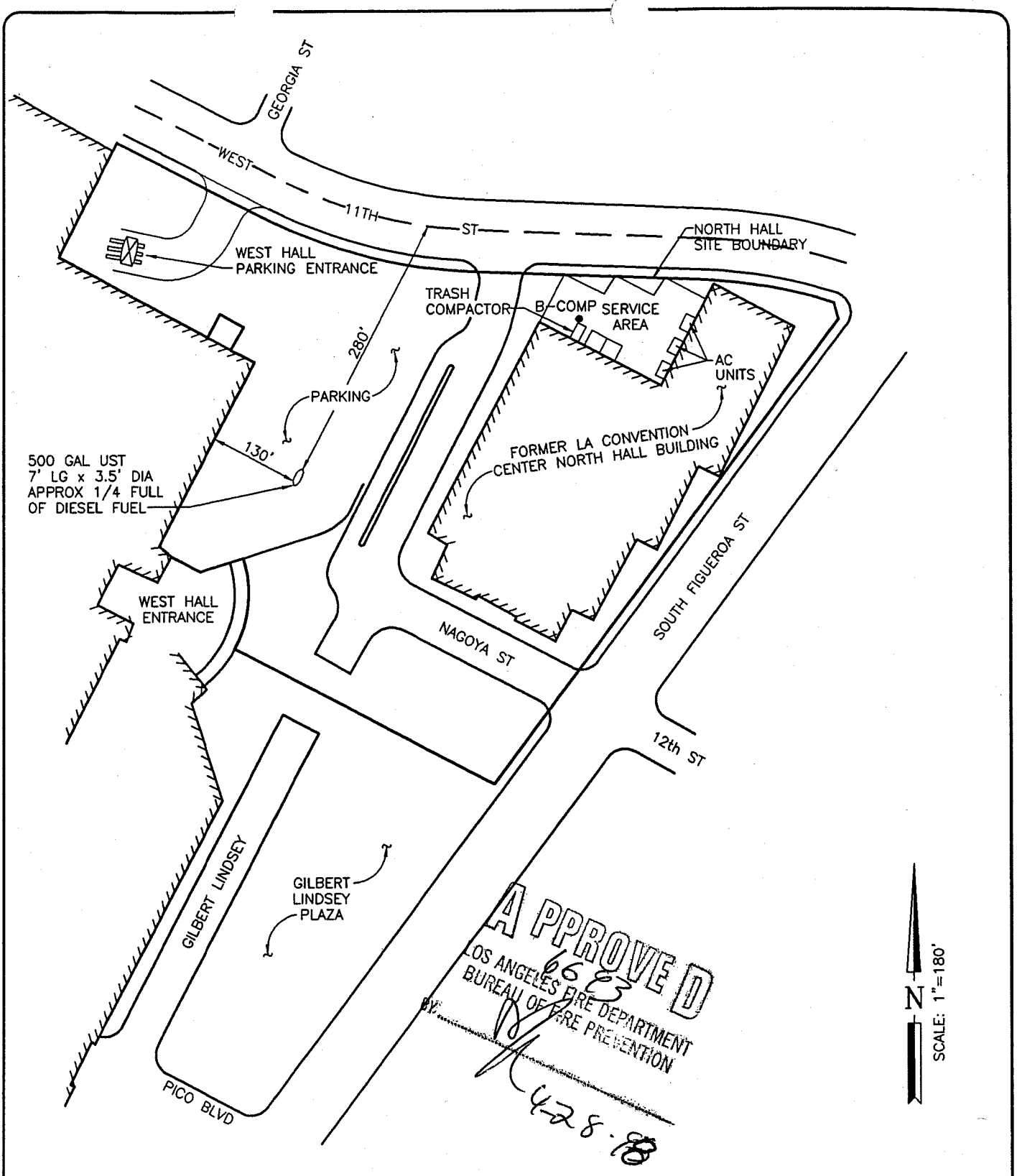


FIGURE 3

BAS
(909) 860-7777
BRYAN A. STIRRAT & ASSOCIATES
CIVIL AND ENVIRONMENTAL ENGINEERS
1360 VALLEY VISTA DRIVE DIAMOND BAR, CA 91765

UST LOCATION

STAPLES CENTER ARENA
1111 S. FIGUEROA ST.
LOS ANGELES, CALIFORNIA

JOB NO.	97117
DATE	12-19-97
DRAWN BY	D.L.L.
CHECKED BY	G.C.

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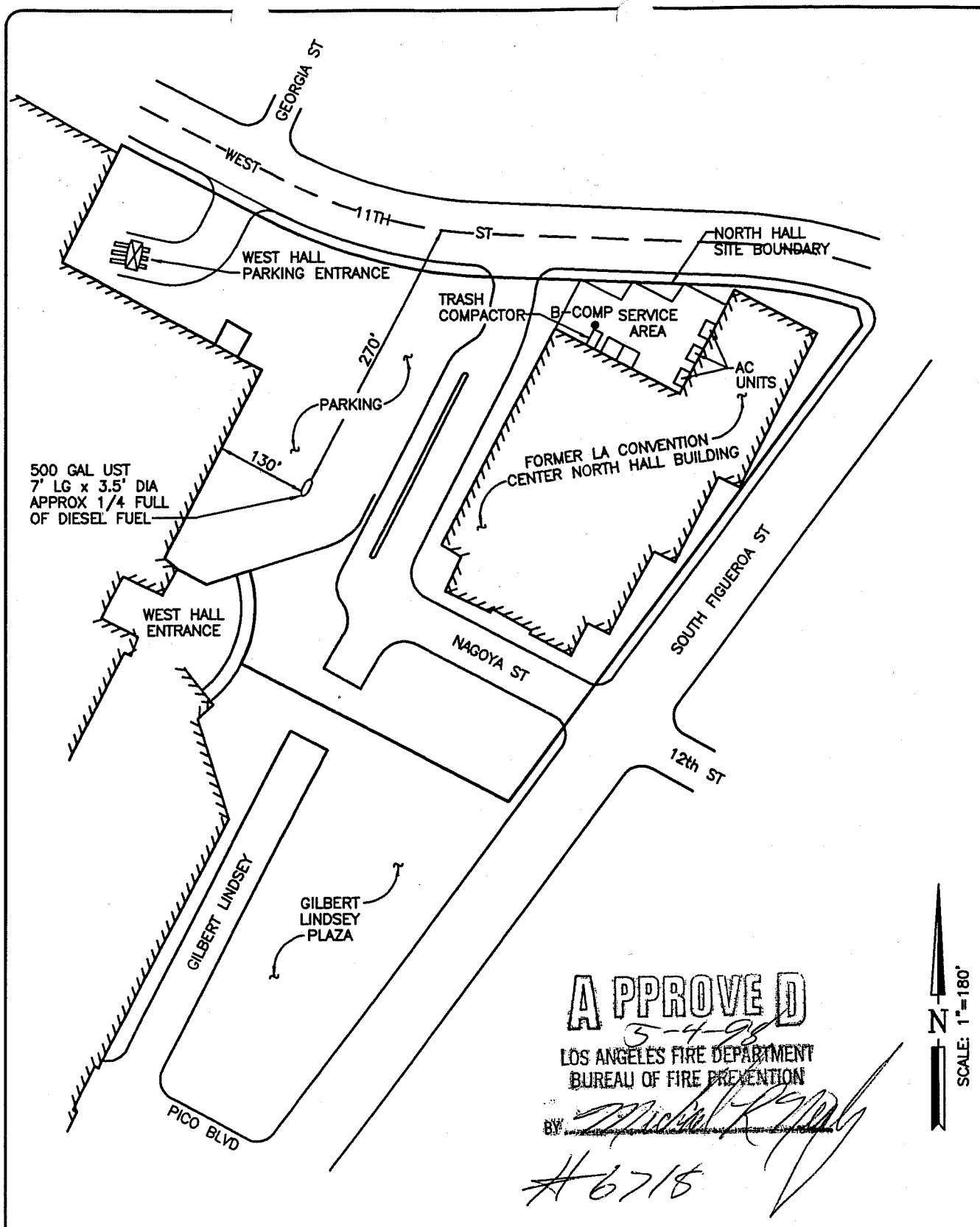


FIGURE 3

BAS
(909) 860-7777
BRYAN A. STIRRAT & ASSOCIATES
CIVIL AND ENVIRONMENTAL ENGINEERS
1360 VALLEY VISTA DRIVE DIAMOND BAR, CA 91765

UST LOCATION

STAPLES CENTER ARENA
1111 S. FIGUEROA ST.
LOS ANGELES, CALIFORNIA

JOB NO.	97117
DATE	12-19-97
DRAWN BY	D.L.L.
CHECKED BY	G.C.

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CITY OF LOS ANGELES
CALIFORNIA

BOARD OF
FIRE COMMISSIONERS

MICHAEL R. YAMAKI
PRESIDENT

LARRY GONZALEZ
VICE-PRESIDENT

DAVID W. FLEMING

ELIZABETH H. LOWE

MEL WILSON

LYNNE NELSON
EXECUTIVE ASSISTANT

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012

WILLIAM R. BAMATTRE
CHIEF ENGINEER
AND
GENERAL MANAGER
(213) 485-6003
http://www.ci.la.ca.us/dept/LAFD

RICHARD J. RIORDAN
MAYOR

August 10, 1998

Mr. Greg Acosta
Bryan A. Stirrat and Associates
1360 Valley Vista Drive
Diamond Bar, CA 91765

Dear Mr. Acosta:

Staples Center
1111 South Figueroa Street
Los Angeles, California

The Fire Department has reviewed the Closure Report dated July 9, 1998, as submitted by Bryan A. Stirrat and Associates.

Based on the information provided to date, this Department has determined that no further action is required at this time.

Please note that this letter does not exempt you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at this site. Nor does it exempt you of the responsibility to correct additional or previously unidentified conditions at the site which cause, or thereafter to cause, pollution or nuisance, or otherwise pose a threat to water quality or public health.

If you require additional information from the Los Angeles City Fire Department, contact Inspector Percy E. Jones of the Underground Tank Plan Check Unit, at (213) 485-7543.

Very truly yours,

WILLIAM R. BAMATTRE
Chief Engineer and General Manager

D. C. Wilcox

Dennis C. Wilcox, Captain II
Commander, Environmental Unit

DCW:PEJ:crj/a:2505

Recyclable and made from recycled waste.

BRYAN A. STIRRAT & ASSOCIATES
CIVIL AND ENVIRONMENTAL ENGINEERS

July 9, 1998

SCANNED

DEC 20 2004

Inspector Dean Stivason
City of Los Angeles Fire Department
200 North Main Street
Los Angeles, California 90012

RE: TANK REMOVAL SUMMARY
111 SOUTH FIGUEROA STREET
REFERENCE PERMITS #6693 AND #6718

Dear Inspector Stivason:

On April 29, 1998, and May 6, 1998, two 500-gallon underground diesel storage tanks (one each day) were removed from the construction site for the Staples Center Downtown Arena located at 111 South Figeuroa Street in the City of Los Angeles. The locations of the tanks are shown on Figure 1 (attached). Tank cleaning and removal operations were witnessed by a Los Angeles City Fire Department (LAFD) representative. Certificates of destruction for each tank have been included as attachments to this letter.

Two soil samples were collected by a California Registered Civil Engineer, from soil immediately beneath each tank location. In accordance with LAFD guidelines, each sample was analyzed for total petroleum hydrocarbons (EPA Method 8015M), benzene, toluene, ethylbenzene, and xylenes (EPA Method 8020) and total lead (EPA Method 7240). Results of these analyses are summarized in Table 1 (attached). All impacted soil was removed from the site and disposed of on May 14, 1998. The completed and signed non-hazardous wastes manifest and weighmaster certificate from Azusa Land Reclamation Company for disposal of the soil are included as attachments to this letter.

Should you have any questions or concerns regarding the above activities, and/or the attached information, please contact me at (909) 860-7777.

Very truly yours,

Greg Acosta, P.E. (# C48725)
Project Manager, Environmental Services Division

Attachments

cc: Mr. Bryan A. Stirrat (BAS)
Mr. Greg Farnham (PCL)
Mr. Manny Zabat (PCL)
Mr. James L. Linyard (L.A. Arena Company)

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ATTACHMENTS

FIGURE 1 UST LOCATION MAP
TABLE 1 SOIL DATA SUMMARY
TANK CERTIFICATES OF DESTRUCTION
LABORATORY REPORTS WITH CHAIN OF CUSTODY FORMS
WASTE MANIFEST AND WEIGHMASTER CERTIFICATE FOR IMPACTED SOIL

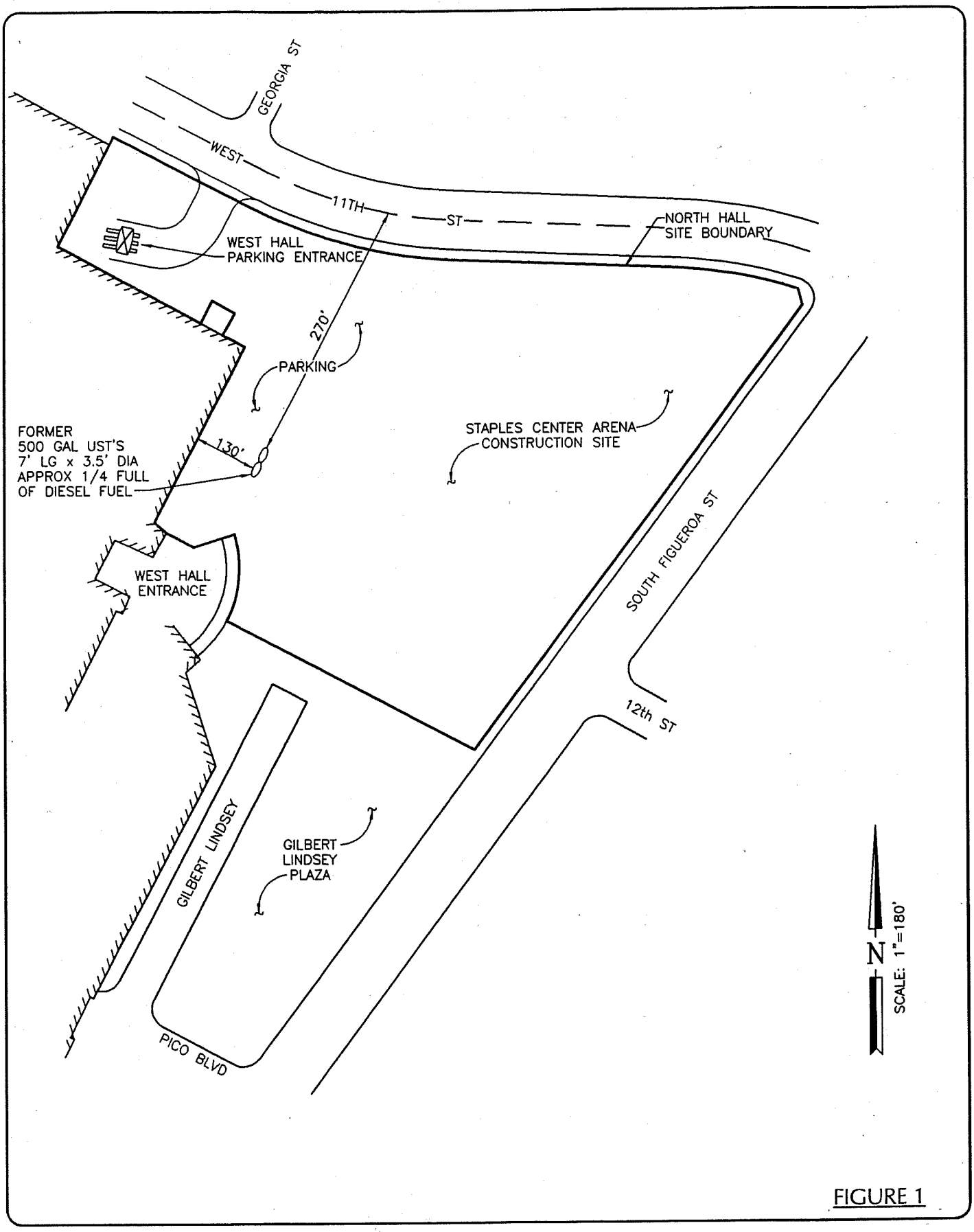


FIGURE 1

BAS
(909) 860-7777
BRYAN A. STIRRAT & ASSOCIATES
CIVIL AND ENVIRONMENTAL ENGINEERS
1360 VALLEY VISTA DRIVE DIAMOND BAR, CA 91765

UST LOCATION

STAPLES CENTER ARENA
1111 S. FIGUEROA ST.
LOS ANGELES, CALIFORNIA

JOB NO.	9819-200
DATE	12-19-97
DRAWN BY	D.L.L.
CHECKED BY	G.C.

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FIGURE 1 UST LOCATION MAP

TABLE 1 SOIL DATA SUMMARY

TABLE 1

RESULTS OF SOIL SAMPLE ANALYSES
UST REMOVAL
111 SOUTH FIGUEROA STREET

Constituent	Tank 1 (4/29/98)		Tank 2 (5/6/98)	
	Sample 1 ("Base")	Sample 2 ("Stockpile")	Sample 1 ("Base")	Sample 2 ("Stockpile")
TPH Diesel (mg/Kg)	16,094	11,706	5,290	9,290
Benzene (ug/Kg)	ND	ND	184	136
Toluene (ug/Kg)	ND	4	212	188
Ethylbenzene (ug/Kg)	2	7	137	88
p&m-Xylenes (ug/Kg)	4	16	120	120
o-Xylenes (ug/Kg)	21	28	73	147
Total Lead (mg/Kg)	12*	<10	<10	<10

Notes:
mg/Kg = milligrams per kilogram
ug/Kg = microgram per kilogram
* - Trace concentration was between Maximum Detection Limit and Practical Quantitation Limit

TANK CERTIFICATES OF DESTRUCTION

Bryan H. Stirrat

CERTIFICATE OF
DESTRUCTION

COMPANY NAME LA Conv. Center

ADDRESS 111 S Figueroa
Los Angeles

ADAMS STEEL CERTIFIES THAT 1) 500 gal

HAS/HAVE BEEN SCRAPPED, CRUSHED AND TOTALLY
DESTROYED ON: 5/5/98

SIGNATURE Cheryl Hartman

TITLE Weighmaster

DATE 5/5/98

Adams Steel
3200 E. Frontera Street
Anaheim, California 92806
(714) 630-6523
FAX (714) 630-5836

Bryant Street

CERTIFICATE OF DESTRUCTION

COMPANY NAME LA Conv Center

ADDRESS 111 So Figueroa

LA.

ADAMS STEEL CERTIFIES THAT 1) 500 gal

HAS/HAVE BEEN SCRAPPED, CRUSHED AND TOTALLY DESTROYED ON: 5/15/98

SIGNATURE Cheryl Hartman

TITLE weighmaster

DATE 5/15/98

Adams Steel
3200 E. Frontera Street
Anaheim, California 92806
(714) 630-6523
FAX (714) 630-5836

LABORATORY REPORTS WITH CHAIN OF CUSTODY FORMS

LEE&RO
Environmental Laboratories
a division of LEE&RO, Inc

Mailing Address:
P.O.Box 93070
City of Industry, CA 91715-3070

Tel: (626) 912-3391 • Fax: (626) 912-2015
1199 South Fullerton Road, City of Industry, CA 91748

Client Name	:	BAS	**Date sampled**	:	4/29/98
Matrix	:	Soil	**Date received**	:	4/29/98
Client ID	:	Stockpile	**Date analyzed**	:	5/7/98
L& R ID	:	8X-1779	**Date reported**	:	5/7/98

ANALYTE	METHOD NUMBER	UNIT	MDL	PQL	RESULT (filtered)
Metals					
Lead	239.1	(mg/kg)	10	50	ND

NOTES:
MDL - Method Detection Limit
PQL - Practical Quantitation Limit
NA - Sample was not analyzed for these parameters during the specified sampling round.
ND - The analyte was not detected above the MDL.
NR - Data not recorded for this analysis.
J - Trace Concentration was between MDL and PQL.

LEE & RO Environmental Laboratories

Ellis Hsue
Laboratory Director

LEE&RO
Environmental Laboratories
a division of LEE&RO Inc.

Mailing Address:
P.O.Box 93070
City of Industry, CA 91715-3070

Tel: (626) 912-3391 • Fax: (626) 912-2015
1199 South Fullerton Road, City of Industry, CA 91748

LABORATORY ANALYSIS

Client Name : BRYAN A. STIRRAT ASSOCIATES
Type : Grab Sample
Matrix : Soil
Units : ug/kg

Date Sampled : 4/29/98
Date Received : 4/29/98
Date Analyzed : 5/8/98
Date Reported : 5/8/98

Volatile Aromatic Analysis BTEX by EPA 8020

Sample ID	Lab ID	Compounds					Surrogate
		Benzene	Toluene	Ethylbenzene	p&m-Xylene	o-Xylene	% Recovery
Method Blank	C8050802	ND	ND	ND	ND	ND	82
BASE	8X-1778	ND	ND	2	4	21	82
STOCKPILE	8X-1779	ND	4	7	16	28	95
MDL		1	1	1	2	1	80-120

Client I.D. : BASE
L & R I.D. # : 8X-1778

Date Analyzed : 5/8/98
Date Reported : 5/8/98

EPA 8020 (BTEX) Matrix Spike Recovery

Compounds	Sample conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limit RPD	QC Limit % Rec
Benzene	0	50	50	50	100	100	0	20	80-120
Toluene	0	50	47	45	94	90	4	20	80-120
Ethylbenzene	2	50	51	42	98	80	19	20	80-120
p&m-Xylene	4	100	90	86	86	82	5	20	80-120
o-Xylene	21	50	63	66	84	90	5	20	80-120

Key: ND = Not Detected MDL = Method Detection Limit

LEE & RO Environmental Laboratories

Ellis Hsue
Laboratory Director

Analytical Laboratories and Environmental Engineers

LEE&RO Environmental Laboratories
a division of LEE&RO, Inc

Mailing Address:
P.O.Box 93070
City of Industry, CA 91715-3070

Tel: (626) 912-3391 • Fax: (626) 912-2015
1199 South Fullerton Road, City of Industry, CA 91748

LABORATORY ANALYSIS

Client Name : BRYAN A. STIRRAT ASSOCIATES
TYPE : Grab sample
Matrix : Soil
Units : mg/Kg

Date Sampled : 4/29/98
Date Received : 4/29/98
Date Analyzed : 5/5/98
Date Reported : 5/6/98

TOTAL PETROLEUM HYDROCARBONS AS DIESEL (EPA 8015M)

Sample ID	Lab ID	Diesel	MDL	Surr%Rec 80-120
Method Blank	C8050402	ND	10	86
BASE	8X-1778	16094	10	185*
STOCKPILE	8X-1779	11706	10	124*

*** Surrogate percent recovery was out of the range due to matrix effect**

Client I.D. # : MV-C3-S1
L & R I.D. # : 8X-1824

Date Analyzed: : 5/4/98
Date Reported : 5/6/98

Modified EPA 8015 (DIESEL) Matrix Spike Recovery

Compound	Sample conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limit RPD	QC Limit % Rec
Diesel	0.0	200	176	162	88	81	8.3	20	80-120

Key: **ND** = Not Detected **MDL** = Method Detection Limit

LEE & RO Environmental Laboratories

Ellis Hsue
Laboratory Director

LEE&RO
Environmental Laboratories
a division of LEE&RO, Inc

Mailing Address:
P.O.Box 93070
City of Industry, CA 91715-3070

Tel: (626) 912-3391 • Fax: (626) 912-2015
1199 South Fullerton Road, City of Industry, CA 91748

Client Name	:	BAS	**Date sampled**	:	4/29/98
Matrix	:	Soil	**Date received**	:	4/29/98
Client ID	:	BASE	**Date analyzed**	:	5/7/98
L& R ID	:	8X-1778	**Date reported**	:	5/7/98

ANALYTE	METHOD NUMBER	UNIT	MDL	PQL	RESULT (filtered)
Metals					
Lead	239.1	(mg/kg)	10	50	**12J**

NOTES:
MDL - Method Detection Limit
PQL - Practical Quantitation Limit
NA - Sample was not analyzed for these parameters during the specified sampling round.
ND - The analyte was not detected above the MDL.
NR - Data not recorded for this analysis.
J - Trace Concentration was between MDL and PQL.

LEE & RO Environmental Laboratories

Ellis Hsue
Laboratory Director

CHAIN OF CUSTODY RECORD

CLIENT NAME: Bryan A. Stirrat Associates

ADDRESS: 1360 Valley Vista Dr.
Diamond Bar, CA 91765

ATTENTION: Greg Acosta

TEL: (909) 860-7777

FAX:

CLIENT PO Number:

SAMPLE CONDITION

Sample Container Acceptable? YES ☐ NO ☐

Sample Preserved? YES ☐ NO ☐

Sample Precooled? YES ☐ NO ☐

TURNAROUND TIME REQUIRED: 1 week

CLIENT ID / SAMPLE LOCATION	LEE & RO ID NO	MATRIX **	DATE SAMPLED	TIME SAMPLED	NO OF CONTAINERS
BASE	SX-1771	Soil	4/29/95	10:10	1
Stockpile	SX-1772	Soil	4/29/95	10:20	1

(*) TPH - for Diesel only
per phone call with
Greg Acosta
8:15 AM 5/1/95

ANALYSES REQUESTED

TPH, Gas or Diesel (8015M)	TPH, Gas + Diesel (8015M)	TPH, Hydrocarbon Characterization	TPH, Gas + BTEX (8015M + 8020)	TRPH (418.1)	VOC (502.1 or 502.2)	VOC (601 / 8010 or 602 / 8020)	VOC (601 + 602 or 8010 + 8020)	VOC (624 / 8240 / 8260 / 524.2)	VOC plus MTBE (8260 / 502.2)	VOC (TO14)	Semi VOC (625 / 8270 / 525)	Phenols (604 / 8040)	Pesticides & PCBs (608 / 8080 / 508)	Title 26 CAM Metals (6010/7000s)	Fixed Gas (CO/CO2/O2/N2)	General Minerals:	8020 BTEX	7420 Lead (Total)
✓																	✓	✓
✓																	✓	✓

** ABBREVIATIONS
A - Air
AQ - Aqueous
C - Composite
DW - Drinking Water
G - Grab
GW - Groundwater
NA - Nonaqueous
S - Soil
SL - Sludge
W - Water (Unknown)
WW - Wastewater

COMMENTS:
111 S. Figueroa St
Tank Removal

RELINQUISHED BY: (Signature) DATE/TIME 4/29/95 14:02 RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

LEE & RO
Environmental Laboratories
1199 South Fullerton Road, City of Industry, CA 91748
Tel (626) 912-3391 FAX (626) 912-2015

CHAIN OF CUSTODY RECORD

CLIENT NAME: Bryan A. Stirrat Associates

ADDRESS: 1360 Valley Vista Dr.
Diamond Bar, CA 91765

ATTENTION: Greg Acosta

TEL: (909) 860-7777

FAX: (909) 396-1768

CLIENT PO Number:

SAMPLE CONDITION

Sample Container Acceptable? YES ☐ NO ☐

Sample Preserved? YES ☐ NO ☐

Sample Precooled? YES ☐ NO ☐

TURNAROUND TIME REQUIRED: 5 Days

ANALYSES REQUESTED

CLIENT ID / SAMPLE LOCATION	LEE & RO ID NO.	MATRIX **	DATE SAMPLED	TIME SAMPLED	NO OF CONTAINERS	TPH, Gas or Diesel (8015M)	TPH, Gas + Diesel (8015M)	TPH, Hydrocarbon Characterization	TPH, Gas + BTEX (8015M + 8020)	TRPH (418.1)	VOC (502.1 or 502.2)	VOC (601 / 8010 or 602 / 8020)	VOC (601 + 602 or 8010 + 8020)	VOC (624 / 8240 / 8260 / 524.2)	VOC plus MTBE (8260 / 502.2)	VOC (TO14)	Semi VOC (625 / 8270 / 525)	Phenols (604 / 8040)	Pesticides & PCBs (608 / 8080 / 508)	Title 26 CAM Metals (6010/7000s)	Fixed Gas (CO/CO2/O2/N2)	General Minerals:			
Stockpile	8X1967	Soil	5/6/98	13:15	1	X																X	8020 BTEX	Lead (Total) 7420
Base	8X1968	Soil	5/6/98	12:00	1	X																X	X	X

** ABBREVIATIONS

A - Air; AQ - Aqueous; C - Composite; DW - Drinking Water; G - Grab; GW - Groundwater; NA - Nonaqueous; S - Soil; SL - Sludge; W - Water (Unknown); WW - Wastewater

COMMENTS:
111 S. Figueroa St.
Tank Removal

5/6/98 14:46

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

LEE & RO
Environmental Laboratories
1199 South Fullerton Road, City of Industry, CA 91748
Tel: (626) 912-3391 FAX: (626) 912-2015

J:\SHARE\LAB\FORMS\CH-CUST REC

White - Accompany Lab Report to Client; Canary - Other Use; Pink - Chrono File; Gold - Client's Copy at Sample Receipt

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1199 South Fullerton Road, City of Industry, CA 91748

LABORATORY ANALYSIS

Client Name : Bryan A. Stirrat Associates
Type : Grab Sample
Matrix : Soil
Units : ug/kg

Date Sampled : 5/6/98
Date Received : 5/6/98
Date Analyzed : 5/19/98
Date Reported : 5/20/98

Volatile Aromatic Analysis BTEX by EPA 8020

Sample ID	Lab ID	Compounds					Surrogate
		Benzene	Toluene	Ethylbenzene	p&m-Xylene	o-Xylene	% Recovery
Method Blank	C8051803	ND	ND	ND	ND	ND	97
STOCKPILE	8X-1967	136	188	88	120	147	94
BASE	8X-1968	184	212	137	120	73	93
MDL		1	1	1	2	1	80-120

Client I.D. : BASE
L & R I.D. # : 8X-1968

Date Analyzed : 5/19/98
Date Reported : 5/20/98

EPA 8020 (BTEX) Matrix Spike Recovery

Compounds	Sample conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limit RPD	QC Limit % Rec
Benzene	184	20000	17800	17100	88	85	4	20	80-120
Toluene	212	20000	18800	18000	93	89	4	20	80-120
Ethylbenzene	137	20000	19100	18100	95	90	5	20	80-120
p&m-Xylene	120	40000	37100	35400	92	88	5	20	80-120
o-Xylene	73	20000	18200	17300	91	86	5	20	80-120

Key: **ND** = Not Detected **MDL** = Method Detection Limit

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Laboratory Director

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1199 South Fullerton Road, City of Industry, CA 91748

LABORATORY ANALYSIS

Client Name : BRYAN A. STIRRAT ASSOCIATES
Type : Grab Sample
Matrix : Soil
Units : mg/Kg

Date Sampled : 5/6/98
Date Received : 5/6/98
Date Analyzed : 5/21/98
Date Reported : 5/21/98

TOTAL PETROLEUM HYDROCARBONS AS DIESEL (EPA 8015M)

Sample ID	Lab ID	Diesel	MDL	Surr%Rec 80-120
Method Blank	C8052102	ND	10	110
STOCKPILE	8X-1967	9290	10	90
BASE	8X-1968	5290	10	102

Client I.D. : STOCKPILE
L & R I.D. # : 8X-1968

Date Analyzed : 5/21/98
Date Reported : 5/21/98

Modified EPA 8015 (DIESEL) Matrix Spike Recovery

Compound	Sample conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limit RPD	QC Limit % Rec
Diesel	5290	1000	6330	6260	104	97	1	20	80-120

Key: ND = Not Detected MDL = Method Detection Limit

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1199 South Fullerton Road, City of Industry, CA 91748

Client Name	:	BAS	**Date sampled**	:	5/6/98
Matrix	:	Soil	**Date received**	:	5/6/98
Client ID	:	Stockpile	**Date analyzed**	:	5/7/98
L& R ID	:	8X-1967	**Date reported**	:	5/8/98

ANALYTE	METHOD NUMBER	UNIT	MDL	PQL	RESULT
Metals					
Lead	239.1	(mg/L)	10	50	ND

NOTES:
MDL - Method Detection Limit
PQL - Practical Quantitation Limit
NA - Sample was not analyzed for these parameters during the specified sampling round.
ND - The analyte was not detected above the MDL.
NR - Data not recorded for this analysis.
J - Trace Concentration was between MDL and PQL.

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Ellis Hsue
Laboratory Director

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P.O.Box 93070
City of Industry, CA 91715-3070

Tel: (626) 912-3391 • Fax: (626) 912-2015
1199 South Fullerton Road, City of Industry, CA 91748

Client Name	:	BAS	**Date sampled**	:	5/6/98
Matrix	:	Soil	**Date received**	:	5/6/98
Client ID	:	Base	**Date analyzed**	:	5/7/98
L& R ID	:	8X-1968	**Date reported**	:	5/8/98

ANALYTE	METHOD NUMBER	UNIT	MDL	PQL	RESULT
Metals					
Lead	239.1	(mg/L)	10	50	ND

NOTES:
MDL - Method Detection Limit
PQL - Practical Quantitation Limit
NA - Sample was not analyzed for these parameters during the specified sampling round.
ND - The analyte was not detected above the MDL.
NR - Data not recorded for this analysis.
J - Trace Concentration was between MDL and PQL.

LEE & RO Environmental Laboratories

Ellis Hsue
Laboratory Director

WASTE MANIFEST AND WEIGHMASTER CERTIFICATE
FOR
IMPACTED SOIL

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C.A.C.0.0.1.3.9.6.1.5.2 | Manifest Document No. 00001 | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
LA ARENA Co LLC
865 S. Figueroa Suite 2760
Los Angeles CA 90017

4. Generator's Phone (213) 624-3100

5. Transporter 1 Company Name: FLEMING ENG. | 6. US EPA ID Number | A. Transporter's Phone: 714 994-3501

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
TRS / ASRF
1211 W Gladstone St
Azusa, CA 91702

10. US EPA ID Number

C. Facility's Phone: (626) 338-3939

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON HAZARDOUS CONTAMINATED WITH HYDROCARBONS				
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
APPROVAL# 98046/SR058

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Lou Zoldan | Signature | Month 05 | Day 12 | Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: DANNY JONES | Signature | Month 05 | Day 14 | Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: M. DeMONTESO | Signature | Month 5 | Day 14 | Year 98

ORIGINAL - RETURN TO GENERATOR

AZUSA LAND RECLAMATION CO.

Tik# 26639

A SUBSIDIARY OF: USA WASTE, INC.
1201 W. GLADSTONE
AZUSA, CA 91702
PHONE# (818)334-0719
PREPARED BY: GB

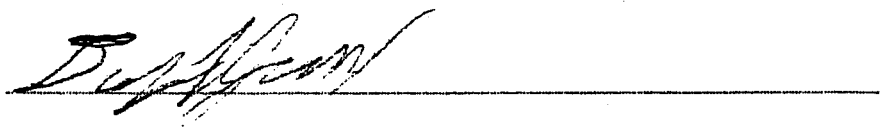
MANUAL TICKET# N/A
THERMAL REMEDIATION SOLUTIONS
CUSTOMER ACCT# 2722056
VEHICLE ID# TRS1
TIME IN: 8:41 TIME OUT: 8:57
DATE: 05/14/1998

COMMODITY: CONT/SOIL PO#: 058
MANIFEST#: 00001 SOURCE ID: CA - LA -
TONS(LBS): GROSS: 25.66(51320) TARE: 12.46(24920) NET: 13.20(26400)
CUBIC YARDS: 1.0

PAYMENT METHOD: CHARGE: ACCOUNT RECE

WEIGHMASTER CERTIFICATE

This certifies that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

SIGNATURE: 

LOS ANGELES CITY FIRE DEPARTMENT
DIVISION- 5 PERMIT - ATMOSPHERIC UNDERGROUND TANK

Div 5-714/715	LAFD FACILITY I.D.	FIRE STATION #	ENFORCEMENT INSPECTOR
827584-23	New	6	STUASON

LOCATION INFORMATION

▼ FD USE ONLY ▼

Doing Business As	Date Granted:	PERMIT#
Staples Center Arena	4-28-98	6693
EPA # CAC001396152	Date Expires: 4-28-99	
Address 1111 S. Figueroa		Phone # (213) 747-0734
City: Los Angeles	State: CA	Zip: 90015

PROPERTY OWNER

Name: L.A. Arena Development Co.		Phone: (213) 624-3100
Address: 865 S. Figueroa St. Suite 2350		
City: Los Angeles	State: CA	Zip: 90017
Print Name: James V. Linyard	Signature:	

CONTRACTOR INFORMATION

Name: Bryan A. Stirrat & Associates		Phone: (909) 860-7777
Address: 1360 Valley Vista Drive		
City: Diamond Bar	State: CA	Zip: 91765
CITY BUSINESS # 617079-92	STATE CONTRACTORS # 572-017 (A-HAZ)	WORK COMP # W977011478
Print Name: Gian Cavoto	Signature: Gian A Cavoto	Title: Project Geologist

ITEM	QTY	
UGT/S ABANDONMENT BY REMOVAL	1	80 gallon
UGT/S TANK ENTRY/ LINING/ REPAIR		
UGT/S ABANDONMENT IN PLACE		
UGT/S INSTALLATION		
UGT/S ADD TO /ALTER: MONITORING		
UGT/S ADD TO/ ALTER: PIPING /DISPENSER		
Inspector Signature:		

TANK CERTIFICATION REPORT

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Avenue, #307
Harbor City, CA 90710
TEL: (310) 530-5006

TANK REMOVAL CERTIFICATE #: 05025
Date: 4/29/93
Permit #: Lacfd N/A
Site: L.A. Convention Center
Address of tank: 111 S Figueroa St
Los Angeles Ca
Client: MA-2

TANK DESCRIPTION	TANK SIZE	TANK NUMBER	TANK CONTENTS	RESULTS OF TANK INSPECTION
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

The tank(s) described above has/have been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank(s) and no visible contamination has been observed except as noted below.

EXCEPTION: None

THE AMERICAN BOARD OF INDUSTRIAL HYGIENE • INCORPORATED • CERT. NO. #1973 1433 • PENNSYLVANIA 1960 • STUART E. SALOT, PH.D.

The tank(s) described above is/are approved for removal and transportation.

INSPECTED BY: [signature]

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1973 & 1433)

CLIENT COPY White | CTL COPY Green | FIRE DEPARTMENT COPY Canary | TRANSPORTERS COPY Pink | TRANSPORTERS COPY Goldenrod

CITY OF LOS ANGELES
OFFICE OF THE CHIEF LEGISLATIVE ANALYST

RONALD F. DEATON
CHIEF LEGISLATIVE ANALYST

ROOM 255 • CITY HALL
LOS ANGELES, CA 90012
(213) 485-6622
FAX (213) 485-8983

April 28, 1998

TO WHOM IT MAY CONCERN

This is to advise you that the City of Los Angeles is fee owner of the Arena Site (depicted on the attached map) which is located adjacent to the Los Angeles Convention and Exhibition Center in downtown Los Angeles. The City is currently leasing the site for a term of fifty-five years to L.A. Arena Land Company, Inc., a Delaware corporation, which is subleasing the property to L.A. Arena Company, LLC, a Delaware limited liability company.

Very truly yours,

Steve Wong
Executive Officer

Attachment

cc: Amy E. Freilich, Esq.
Gian Cavoto

Los Angeles City
Fire Department

Underground Storage Tank - Inspector Time Log

Facility ID: 005971-2 **Inspector:** Nealy
DBA: STAPLES CENTER ARENA
Facility Address: 1111 S FIGUEROA ST
City, State, Zip: Los Angeles CA 90015

Site Specific Time Log

Permit No.: 7944
Permit Type: Abandonment by Removal
Permit Date: 3/22/99

Date of Work	Insp. No.	Inspector Name	Activity Code	Total Task Hrs.	Facility Contact / Notes:
3/22/99	406	Nealy	1	1.0	
3/26/99	423	STIVASON	4	.5	

1 Plan Check
2 Site Assessment
3 Report Review
4 Permit Inspection
5 Permit Reinspection
6 Correspondence
7 Telephone
8 Meetings/Consultations
9 Routine Facility Inspection
10 Facility Reinspection
11 Investigation

BRYAN A. STIRRAT & ASSOCIATES
CIVIL AND ENVIRONMENTAL ENGINEERS

March 25, 1999

RE: QUALIFICATIONS OF MR. KENT HUTH

To Whom It May Concern:

This is to verify that Mr. Kent Huth has been trained and is experienced in the collection and preservation of soil samples for analytical testing and soil classification. Mr Huth is working under my supervision during all soil sample collection activities.

Should you have any questions regarding Mr. Huth's qualifications please contact me at (909) 860-7777.

Very truly yours,

Greg Acosta, P.E. (#C048725)
Director of Environmental Services



1360 Valley Vista Drive • Diamond Bar, CA 91765 • (909) 860-7777 • FAX (909) 860-8017

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix F
LADBS Standards for Methane

INFORMATION BULLETIN / PUBLIC - BUILDING CODE
REFERENCE NO.: 91.7104.1 Effective: 11-30-04
DOCUMENT NO. P/BC 2002-101 Revised:
Previously Issued As: None

SITE TESTING STANDARDS FOR METHANE

This Information Bulletin establishes the standard protocol for Site Testing that provides design input data for methane mitigation systems required by Division 71 of the Los Angeles Building Code.

The work plan for site testing is summarized in three primary steps:

Step 1 - Schedule Site Testing

Step 2 - Conduct Shallow Soil Gas Test

Step 3 - Conduct Gas Probe Test

The site testing results from these steps are to be organized in a report and included with the building permit application.

I. SITE TESTING FOR METHANE

Site testing shall be conducted using the following three-step testing protocol described in this Bulletin to determine the concentration and pressure of the subsurface methane gas for the design of methane hazard mitigation systems.

STEP 1 - SCHEDULE SITE TESTING

Site Testing should be scheduled before any site grading. If Site Testing after site grading is unavoidable, then Site Testing shall be conducted at least 30 days after any site grading.

STEP 2 - CONDUCT SHALLOW SOIL GAS TEST

1. Methane gas concentration measurements for the Shallow Soil Gas Test (See page 8 for the Shallow Soil Gas Test Equipment Set-Up) shall be taken as follows:

   a. A minimum of two per project site, and at a rate of one sample per 10,000 square feet of site area, or portion thereof, and
   b. At a depth of not less than 4 feet below ground surface, or
   c. If ground water is found less than 4 feet below ground surface, then the depth of the

As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities. For efficient handling of information internally and in the internet, conversion to this new format of code related and administrative information bulletins including MGD and RGA that were previously issued will allow flexibility and timely distribution of information to the public.

Shallow Soil Gas Sample shall be taken above the ground water level.

2. Review the methane gas concentration data from the Shallow Soil Gas Test and site observations to identify locations where high gas concentrations of methane gas may be found.

3. Shallow Soil Gas measurements shall be made at least once and may be taken at anytime before the installation of Gas Probe Sets.

STEP 3 - CONDUCT GAS PROBE TEST

1. The location of Gas Probe Sets shall be based on the information from the Shallow Soil Gas Test where the highest concentration of soil gas may be found.

2. Methane gas concentration and pressure measurements for the Gas Probe Tests (See page 9 for the Gas Probe Set Equipment Set-Up) shall be taken as follows:

   a. There shall be at least one gas probe set for every 20,000 square feet or portion thereof of site area. Regardless of area, all sites shall install a minimum of two gas probe sets.
   b. Each Gas Probe Set shall consist of three probes, installed at approximate sampling depths of 5 feet, 10 feet and 20 feet below the elevation of the lowest building slab or footing.
   c. Gas Probe Sets shall be installed a minimum of 12 inches above ground water table.
   d. Gas Probe Sets are not required to be installed below the ground water level.
   e. Shallow Soil Gas data, collected as described in Step 2, may be used in lieu of Gas Probe Set data when ground water is found less than 5 feet below the ground surface.

3. Record data from the Gas Probe Sets as follows:

   a. Two sequential measurements shall be taken, with a minimum 24-hour interval following placement of the Gas Probe Sets. Samples shall not be collected during increasing barometric pressure from a pre-frontal weather condition.
   b. Site testing data shall be recorded on Form 1 – Certificate of Compliance for Methane Test Data and certified by the engineer (see pages 4 and 5).

II. REPORTING SITE TESTING RESULTS

The methane site testing data shall be organized as described below:

1. The Certificate of Compliance for Methane Test Data, Form 1, shall be completed, stamped and signed by an engineer, geologist or architect. This form shall be attached to the methane mitigation construction plans.

2. Site Testing Plan showing:

As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities. For efficient handling of information internally and in the internet, conversion to this new format of code related and administrative information bulletins including MGD and RGA that were previously issued will allow flexibility and timely distribution of information to the public.

a. Locations of Shallow Soil Gas Samples and Gas Probe Sets.
b. Locations and dimensions of the proposed and existing building footprints.

III. CERTIFICATE OF COMPLIANCE AND GAS COLLECTION EQUIPMENT

Form 1- Certificate of Compliance for Methane Test Data
Table I - Gas Collection Equipment
Shallow Sample Equipment Set-Up
Gas Probe Set Equipment Set-Up

As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities. For efficient handling of information internally and in the internet, conversion to this new format of code related and administrative information bulletins including MGD and RGA that were previously issued will allow flexibility and timely distribution of information to the public.

FORM 1 - CERTIFICATE OF COMPLIANCE FOR METHANE TEST DATA

Part 1: Certification Sheet

Site Address: _____

Legal Description: Tract: _____ Lot: Block:

Building Use: _____

Architect's, Engineer's or Geologist's Stamp:

Name of Architect, Engineer, or Geologist:

Mailing Address:

Telephone:

Name of Testing Laboratory:

City Test Lab License #:_____

Telephone:

I hereby certify that I have tested the above site for the purpose of methane mitigation and that all procedures were conducted by a City of Los Angeles licensed testing agency in conformity with the requirements of the LADBS Information Bulletin P/BC 2002-101. Where the inspection and testing of all or part of the work above is delegated, full responsibility shall be assumed by the architect, engineer or geologist whose signature is affixed thereon.

Signed: _____ date _____

Required Data:

- Project is in the (Methane Zone) or (Methane Buffer Zone).
- Depth of ground water observed during testing: _____ feet below the Impervious Membrane.
- Depth of Historical High Ground Water Table Elevation*: _____ feet below the Impervious Membrane.
- Design Methane Concentration**: _____ parts per million in volume (ppmv).
- Design Methane Pressure***: _____ inches of water column.
- Site Design Level: (Level I, Level II, Level III, Level IV, Level V) with _____ inches of water column.

De-watering:

- De-watering (is) (is not) required per Section 91.7104.3.7.
- Pump discharge rate _____ cubic feet per minute per reference geology or soil report: _____ dated _____.

Additional Investigation:

- Additional investigation (was) (was not) conducted.

Latest Grading on Site:

- Date of last grading on site (was) (was not) more than 30 days before Site Testing.
- See Attached explanation of the effect on soil gas survey results by grading operations.

Notes:

* Historical High Ground Water Table Elevation shall mean the highest recorded elevation of ground water table based on historical records and field investigations as determined by the engineer for the methane mitigation system.

** Design Methane Concentration shall mean the highest recorded measured methane concentration from either Shallow Soil Gas Test or any Gas Probe Set on the site.

*** Design Methane Pressure shall mean the highest total pressure measured from any Gas Probe Set on the site.

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FORM 1 (CONTINUED) - CERTIFICATE OF COMPLIANCE FOR METHANE TEST DATA

Part 2: Test Data - Shallow Soil Gas Test and Gas Probe Test

Site Address: _____

Description of Gas Analysis Instrument(s):

Instrument Name and Model: _____ Instrument Accuracy: ± _____ ppmv.

City of Los Angeles Testing License #:

Date	Time	Probe Set #	Concentration (ppmv)	Pressure (inches water column)	Probe Depth (feet)	Description / Probe Location

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TABLE 1 - DATA COLLECTION EQUIPMENT

Parameter	Equipment or Procedure	Detection Limit
Barometric Pressure	Barometer or GA-90	0.1" of Hg
Gas Probe Pressure	Pressure Gauge	0.1" of H_2O
Methane Concentration	Landtec GA-90 (Field) or EPA 8015 (Lab)	0.1% or 1,000 ppm
Combustible Gas Concentration	LTX-310 (Field) or EPA 8015 (Lab)	0.1% or 1,000 ppm

Notes for Table 1:

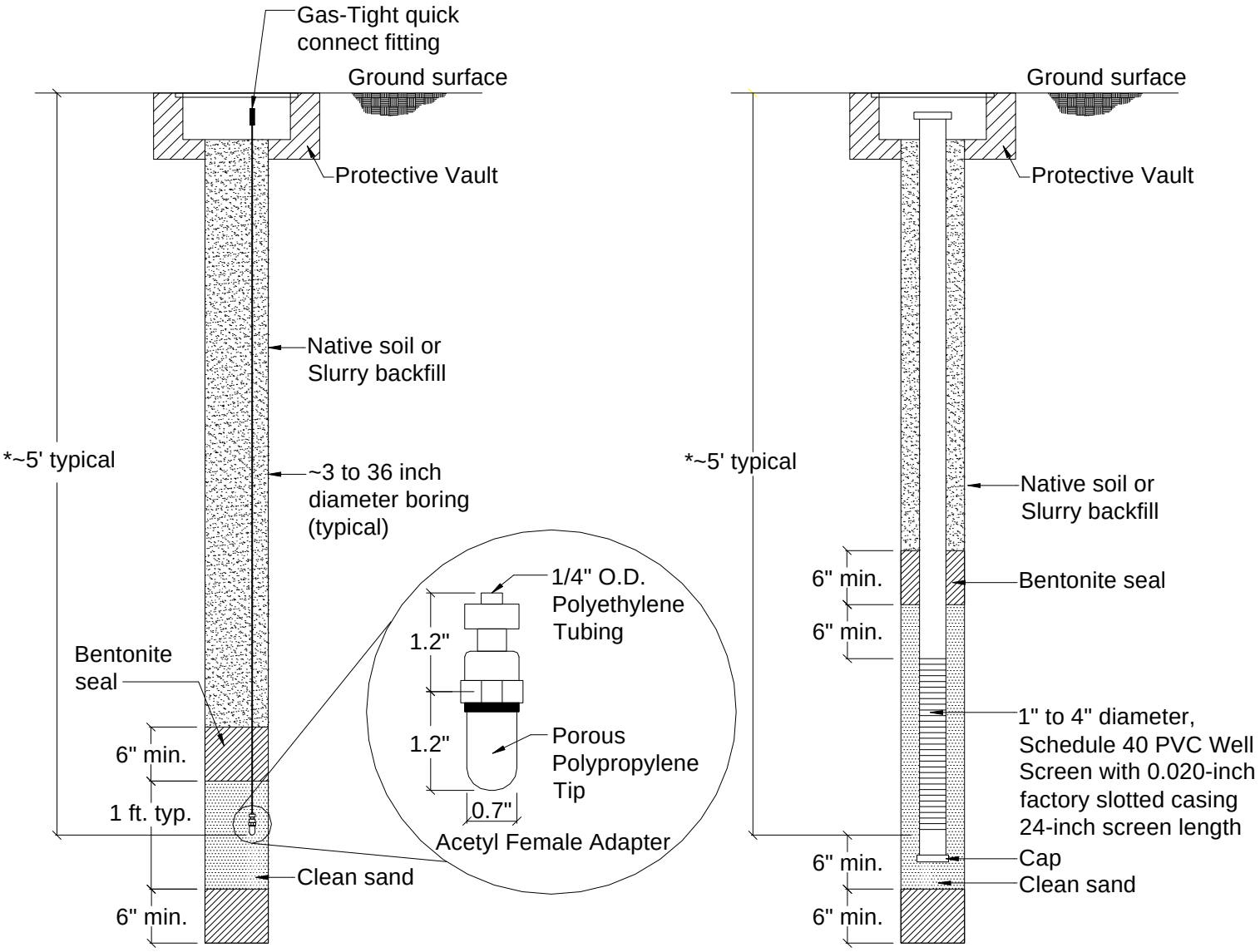
1. Gas Probe Sets shall be capable of collecting data for both soil gas pressure and methane concentration.

2. Instruments and test procedures used to determine gas pressure and concentrations shall be in accordance with the test equipment manufacturer's instructions and the listed Detection Limits.

3. Portable Gas Sampling Instruments shall consist of infrared gas analyzer or other combustible gas analyzers. Photo Ionization Detectors (PIDs) shall not be used to measure methane concentrations. Flame Ionization Detectors (FID's) may be used as the primary detector for gas probe monitoring. All portable gas sampling instruments shall be calibrated daily using a laboratory certified methane calibration gas.

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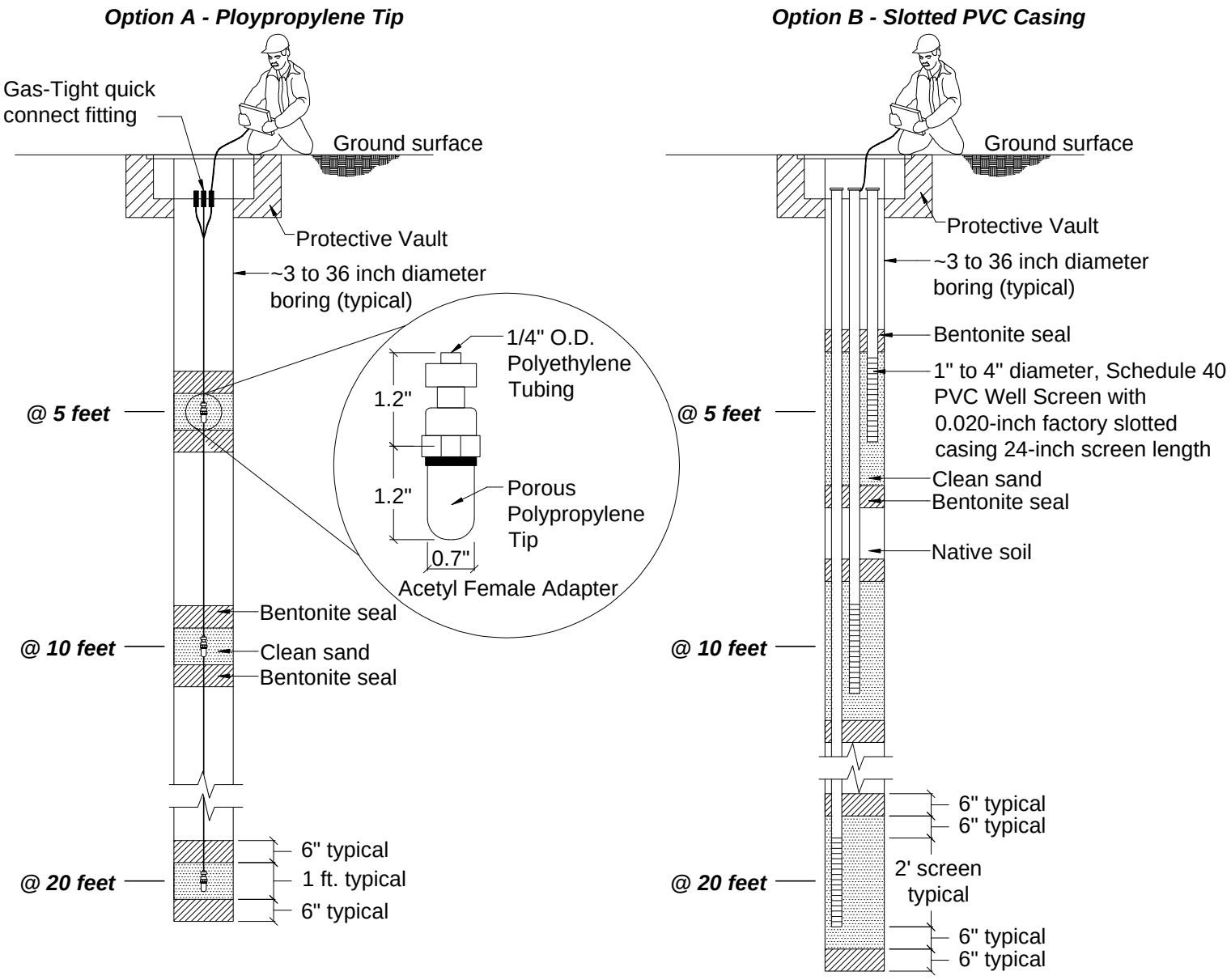
SHALLOW SOIL GAS TEST EQUIPMENT SET-UP



*Note: Measurement from Shallow Soil Gas Test shall be taken above ground water level.

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GAS PROBE TEST EQUIPMENT SET-UP



*Note: Gas Probe Test shall not be install below ground water level.

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