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## MILLARD ARCHULETA ASSOCIATES

March 11, 1983

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT  
Purchasing Agent  
124 West 4th Street  
Los Angeles, California 90013

RE: RFIQ  
SCRID METRO RAIL PROJECT

Gentlemen:

In response to the request for letters of interest and statement of qualifications, Millard Archuleta Associates is pleased to submit the enclosed data. We wish to express our sincere interest to provide Architectural/Engineering services for the Southern California Rapid Transit District continuing preliminary engineering.

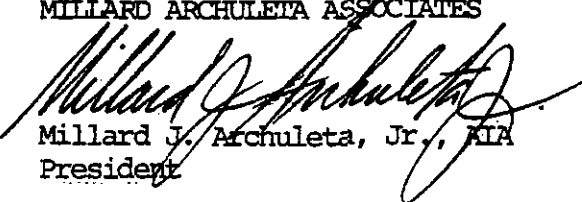
Contained in this submission, is a description of our firm, who will act as a prime contractor and our listed consultants, who will perform as sub-contractors to us- forming our Project Team. Millard Archuleta Associates qualifies as a Minority Business Enterprise (MBE) and our Associate, Flor Muñoz-Architect, qualifies as a Women's Business Enterprise (WBE).

The project tasks will be performed in Los Angeles by our firm and our consultants for close liaison with representatives of GAEC and SCRID. Our Team is composed of firms that have substantial experience in major projects throughout the United States. The experience factor of all key personnel within our firm and each of our consultants demonstrates their capabilities to perform on complex facilities requiring management of the uninterrupted flow of people. Additionally, our firms have performed successfully on a diversity of building types, providing solutions to complex Architectural/Engineering requirements to bring the projects in within budget and to complete them on schedule. All firms within our Project Team are financially stable.

The opportunity to present this material is appreciated. We invite you to visit our offices, see some of our current projects and meet our key personnel. We will also be pleased to meet you at your convenience to discuss the Metro Rail Facilities in greater detail and to amplify the description of any of our services.

Very truly yours,

MILLARD ARCHULETA ASSOCIATES

  
Millard J. Archuleta, Jr., FIA  
President

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IDENTIFICATION OF TEAM MEMBERS:

PROJECT TEAM:

The Project Team we propose for this effort, will be represented as a single entity- a prime contractor with sub-contractors listed as follows:

PRIME CONTRACTOR:

Millard Archuleta Associates (MBE)  
Architecture, Engineering, Planning, Interior Design  
7440 North Figueroa Street  
Los Angeles, California 90041  
(213) 254-9121

Contact: John R. Campbell, AIA, Executive Vice President

SUB-CONTRACTORS:

Associate Architect

Flor Coronado Munoz- Architect (WBE)  
1450 South Bayshore Drive- Suite 611  
Miami, Florida 33131  
(305) 358-7529

Contact: Ms. Flor Munoz  
President

Structural Engineers

John A. Martin & Associates  
Structural Engineers  
1800 Wilshire Boulevard  
Los Angeles, California 90057  
(213) 483-6490

Contact: John A. Martin  
President

Civil Engineers

Rogoway/Borkovetz Associates  
Consulting Civil Engineers  
4465 Wilshire Boulevard  
Los Angeles, California 90010  
(213) 937-2600

Contact: Lawrence Rogoway  
President

Mechanical Engineers

David Chen & Associates  
4160 Verdugo Road  
Los Angeles, California 90065  
(213) 254-7344

Contact: David Chen  
President

Electrical Engineers

Nikolakopoulos & Associates  
800 North Pacific Coast Highway  
Redondo Beach, California 90277  
(213) 772-8104

Contact: Alex Nikolakopoulos, Sr.  
President

Landscape Architect

Lawrence Reed Moline  
1119 Colorado Avenue  
Santa Monica, California 90401  
(213) 393-0168

Contact: Lawrence Reed Moline, ASLA  
President

EXPERIENCE OF FIRMS:

QUALIFICATIONS OF PROPOSED STAFF:

The experience of our Project Team Members and the qualifications of our staffs is stated in the following descriptions.

Included with Millard Archuleta Associates is a Standard Form 254 as suggested in the RFIQ. Due to a limitation of 50 pages, these forms have been excluded from our consultants, but are immediately available upon request.

The staff personnel listed within each firm and the key personnel noted on the organizational chart are committed to be available for these projects through their duration.

The Home Office of Flor Mmoz, our Associate Architect, is located in Miami, Florida. However, she and her firm will be sharing space with Millard Archuleta Associates in Los Angeles for the performance of their work. All team members, therefore, are located in Los Angeles. As stipulated earlier, all of the work will be performed in Los Angeles to assure continuity, as well as a close liaison with the representatives of the GAEC and the RTD.

# MILLARD ARCHULETA ASSOCIATES

## GENERAL DESCRIPTION

### HISTORY AND EXPERIENCE OF FIRM:

Millard Archuleta Associates is an Architectural/Planning/Interior Design firm whose history can be traced back some forty years. We are a corporation maintaining a total staff of approximately 100 professionals including twenty-six registered Architects. We maintain offices as listed below.

#### Los Angeles Headquarters

7440 North Figueroa Street  
Los Angeles, California 90041  
(213) 254-9121

#### Bakersfield Office

5405 Stockdale Highway  
Bakersfield, California 93309  
(805) 832-1105

#### Rancho Mirage Office

42600 Bob Hope Drive  
Rancho Mirage, California 92270  
(619) 568-9411

#### Denver Office

3035 South Parker Road  
Suite 563  
Aurora, Colorado 80014  
(303) 337-0244

Our firm has an extensive experience in a diversity of building types throughout the United States with emphasis on commercial projects, office buildings, hotels, master planning, technical facilities, civic structures, medical, industrial, institutions, shopping centers and department stores. We utilize outside consulting engineers for structural, civil, mechanical and electrical engineering. We maintain our own in-house interior design staff. Currently, our annual volume of construction in place is in excess of \$130 Million Dollars.

### BUSINESS PHILOSOPHY & PRACTICE:

The concept which has sustained this firm since its inception is to create an imaginative project for the Client which incorporates all of the fundamental working components required by the Owner, reconciles the requirements of all governing agencies, and provides a definitive architectural statement which can be constructed within the given budget and on schedule. If any one of the above elements are not satisfied, the project in our view is not viable and must be adjusted to meet these criteria. Our Clients acknowledge this expertise since slightly over 87% of our work comes as repeat business.

Our design staff, production staff, field administration and our consultants all must maintain a high performance to achieve these objectives. This characteristic has other benefits of pride within our organization since we experience less than 1% annual employee turnover.

PROJECT ORGANIZATION:

The team nucleus we utilize for all projects will be headed by Millard J. Archuleta, Jr., AIA, President and Chairman of the Board and John R. Campbell, AIA, Executive Vice President. One or both of these men will be present at all client meetings, presentations, public hearings and will administratively manage the efforts of the entire architectural/engineering team.

Key additional members will include Frank J. Wong, AIA, Vice President/Director of Design and Fred Andrade, AIA, Vice President/Assistant Director of Design who will be responsible for all planning and design; Wes Ashby, AIA, Vice President/Director of Production who will be responsible for all scheduling, production of contract documents and contracting with the consulting engineers; and one of our Executive Architects who will be responsible for the definitive production of the contract documents and daily coordination with all consulting engineers.

RESUME OF PRINCIPALS AND PROJECT STAFF:

MILLARD J. ARCHULETA, JR., AIA  
President and Chief Executive Officer

Directs all projects within the firm from the conceptual stage through completion of construction. Coordinates all managerial and administrative activity within the firm, as well as principal client liaison. Mr. Archuleta received his architectural training at the University of Southern California, is a licensed architect in California and numerous other states, a member of the American Institute of Architects, the International Council of Shopping Centers Faculty, the Architectural Guild and other professional and civic bodies. His experience includes over twenty-nine years in all phases of designs, production, administration, management and construction in a diversity of architectural projects including Master Planning, Office Buildings, Shopping Centers, Industrial, Retail, Commercial, Civic, Medical and Institutional structures.

JOHN R. CAMPBELL, AIA  
Executive Vice President

Coordinates directly with the president and our clients to assure total design continuity, project direction and liaison between all responsible parties. Mr. Campbell is a licensed Architect, a graduate of the University of Southern California, holds an NCARB Registration, a member of the American Institute of Architects, and former President of the Architectural Guild. His thirty years of diversified experience in design and construction includes commercial, industrial, medical, master planning, governmental and institutional project. Prior to joining Millard Archuleta Associates in 1978, Mr. Campbell held positions as Vice President with William Simpson Construction Company; Director of Project Development with Charles Luckman Associates; Chief Architect with William L. Pereira & Associates; and Vice President, Director of Design for Welton Becket & Associates, New York.

FRANK J. WONG, AIA  
Vice President, Director of Design

Directs all architectural design activities of the firm. Is a graduate of the University of California with a B.A. in Architecture. He is licensed in California and eleven states, a member of the American Institute of Architects, and holds an NCARB Registration. He has over twenty years experience as a designer, part of which was gained in designing for William L. Pereira Associates, Welton Becket Associates, and Charles Luckman Associates.

ALFREDO T. ANDRADE, P.I.A.  
Vice President, Assistant Director of Design

Project Designer of major projects; graduate of Univeristy of Santo Tomas, Manila, is a licensed Architect in the Philippines Institute of Architects. Was a project designer for William Pereira Associates before joining Millard Archuleta Associates in 1972.



WESLEY G. ASHBY, AIA  
Vice President, Director of Production

A graduate of the School of Architecture, University of Southern California with a Bachelor of Architecture, 1965. His background includes all phases of the architectural profession, from Project Architect and Contract Administration to specification writing. In addition, he has held positions as Director of Production and Personnel. Mr. Ashby's experience over sixteen years includes office buildings, master planning, retail, industrial, food and chemical processing, institutional, commercial and hotel projects. His current responsibilities include assigning of production personnel, scheduling of work, selection and contracting with consulting engineers and coordination with our field personnel during the construction period. Mr. Ashby is a licensed Architect in California, a member of the American Institute of Architects, Construction Specification Institute and the Architectural Guild.

The above personnel will assign and be responsible for the supporting staff as required for all design and production activities.

Construction Administration will be provided through our Project Architect and the field staff of the Construction Administration Division.

Construction Administration: The completion of design is usually only the beginning of construction. As Architects/Engineers, Millard Archuleta Associates pride ourselves in administering the construction process through diligent observation of the activities of the general contractor and all subtrades to assure compliance with the design and intent of the construction documents. In addition to the normal service of checking and approving shop drawings, samples of materials and certificates of payment, Millard Archuleta Associates stresses the aspect of being totally familiar with the entire construction process to assist in foreseeing any potential difficulty prior to its occurrence as well as working the the Owner and Contractor to affect an appropriate cost oriented solution if a difficulty does occur in the field. We have found that this attention during the construction process has accounted for successful projects to our many clients over the years.

SIZE OF FIRM:

a. Total Staff:

Los Angeles Office	62
Bakersfield Office	25
Rancho Mirage Office	11
Denver Office	<u>8</u>
TOTAL	106

b. Total number of Registered Professionals:

26 Registered Architects  
2 Registered Civil Engineers

c. Volume of Fees:

For 1982 - \$7.3 Million

d. Total Construction Value of Work in Progress:

\$132 Million

REFERENCES:

Ernest W. Hahn, Inc.  
3666 Kearny Villa Road  
San Diego, California 92123 (619) 569-4949

Mr. Ernest W. Hahn, Chairman of the Board

Eureka Federal Savings & Loan  
P.O. Box 1250  
San Carlos, California (415) 595-3200

Mr. Kenneth Kidwell, President and Chairman of the Board

Causey & Rhodes  
1401 Avacado - Suite 901  
Newport Beach, California 92660 (714) 644-0603

Mr. Frank Rhodes, Partner

Glendale Federal Savings & Loan Association  
401 North Brand Boulevard  
Glendale, California 91209 (213) 500-2405

Mr. Kern Copeland, Group Vice President

The Naiman Company  
4115 Sorrento Valley Boulevard  
San Diego, California 92121 (619) 452-9550

Mr. Jack Naiman, President

The Naiman Company  
90 Madison  
Suite 301  
Denver, Colorado 80206 (303) 377-3393

Buffums Department Store  
Corporate Headquarters  
301 Long Beach Boulevard  
Long Beach, California 90802 (213) 432-7000

Mr. William Hansen, President

Great Lakes Properties, Inc.  
3838 Carson Street  
Suite 220  
Torrance, California 90503 (213) 540-5515

Mr. Loring Marlett, President

# MILLARD ARCHULETA ASSOCIATES

## REPRESENTATIVE LIST OF CLIENTS

Airport Properties Investments, Inc.	Godschaux, New Orleans
American Multi Cinema	Gottschalk's Department Stores
Ashkenazie & Co.	Great Lakes Properties
Bank of America	John S. Griffith Company
Barclay Bank	Harris & Frank
Barton Medical Group	Ernest W. Hahn, Inc.
Battlesteins, Houston	Hart, Schaffner & Marx
Bonwit Teller	Hilmar Properties
Boston Store	Frank T. Howard Co., Inc.
Bowmar	Indian Wells, Country Club
Buffums	Indio Community Hospital
Bullocks	Inwell Investors
Burbank Intercity Leasing & Development	The Irvine Company
California Federal Savings & Loan	Edwin Johnston
Carma	Kaiser Aetna
Carter Hawley Hale Properties, Inc.	Kauffmans
Chapperal Country Club	KFI Radio Broadcasting
Gerald Chazan	Leo Kolligian
City of Coachella	La Mancha/Schurgin Partnership
City of Palm Springs	Albert Levitt
City of Rancho Mirage	London Shops
City of Westminster, Westminster, CA	McInerny, Honolulu
Cluett, Peabody & Co., Inc.	Mandels
Coast Federal Savings	Marshall's Department Store
Coldwell Banker & Co.	The May Department Stores Co.
Collete of the Desert	Montgomery Ward & Co.
Columbia Savings & Loan	Bill Morrow
Coombs & Associates, Inc.	David H. Murdock Development Co.
County of Riverside	MycOm Corporation
Crocker National Bank	Northridge Fashion Square, Inc.
Daon	C.L. Peck
Desert Horizons Country Club	J.C. Penney Co., Inc.
Desmond's	Redevelopment Agency - City of
Dillingham Investments	Santa Maria
Eisenhower Medical Center	Republic Bank
Frank Dutra Company	Frank Rhodes
J.K. Eichenbaum Associates	The Naiman Company
Eureka Federal Savings & Loan	Roos/Atkins
The Florsheim Shoe Company	Rossmoor Business Center
General Telephone	Rossmoor Corporation
Gknesco, Inc.	Safeway Stores
Guilford Glazer	Saks Fifth Avenue
Glendale Fashion Center	Samuelson Brothers
Glendale Federal Savings & Loan	Santa Fe Federal Savings
Glendale Leasing and Development	Sears, Roebuck & Co.
	Security Pacific National Bank

REPRESENTATIVE LIST OF CLIENTS (CON'T.)

Silverwoods  
Clyde Smith  
Southern California Gas Company  
Southern California Savings & Loan  
Southern Counties Gas Company  
John R. Thompson Company  
Thrifty Drug  
United California Bank  
Webb's Department Stores  
Wells Fargo Bank  
Winmar Company, Inc.  
Woodbury Corporation  
World Golf Hall of Fame  
Zions Cooperative Merchantile Institution

RESUME

MILLARD J. ARCHULETA, JR., AIA  
CHAIRMAN OF THE BOARD

YEAR FOUNDED MILLARD ARCHULETA ASSOCIATES: 1973  
PARTNER: BURKE KOBER NICOLAIS ARCHULETA: 1961 - 1973

LICENSES:  
CALIFORNIA LICENSED ARCHITECT IN 1961

ORGANIZATIONS & SOCIETIES:

AMERICAN INSTITUTE OF ARCHITECTS, CCAIA  
CORPORATE MEMBER: PASADENA & FOOTHILL CHAPTER AIA  
INTERNATIONAL COUNCIL OF SHOPPING CENTERS - FACULTY  
UNIVERSITY OF SOUTHERN CALIFORNIA  
INTERNATIONAL FRATERNITY OF LAMBDA ALPHA

EDUCATION:

UNIVERSITY OF SOUTHERN CALIFORNIA

HONORS:

NATIONAL CONFERENCE OF CHRISTIANS & JEWS  
HUMANITARIAN AWARD 1982  
THE SUNNYVALE HISTORICAL SOCIETY ANNUAL HERITAGE AWARD

EXPERIENCE:

Directs all projects within the firm from the conceptual stage through completion of construction. Coordinates all managerial and administrative activity within the firm, as well as principal client liaison. Mr. Archuleta received his architectural training at the University of Southern California, is a licensed Architect in California and numerous other states, a member of the American Institute of Architects, the International Council of Shopping Centers Faculty, the Architectural Guild and other professional and civic bodies. His experience includes over thirty years in all phases of design, production, administration, management and construction in a diversity of architectural projects including master planning, office buildings, shopping centers, industrial, retail commercial, civic, medical and institutional structures.

RESUME

JOHN R. CAMPBELL, AIA  
EXECUTIVE VICE PRESIDENT

YEAR JOINED MAA: 1978

LICENSES:

CALIFORNIA LICENSED ARCHITECT IN 1955  
COLORADO LICENSED ARCHITECT IN 1981  
NCARB LICENSED IN 1980

ORGANIZATIONS & SOCIETIES:

AIA - LOS ANGELES CHAPTER  
C.C.A.I.A.  
ARCHITECTURAL GUILD - USC/PAST PRESIDENT  
DEAN'S ADVISORY COUNCIL - USC SCHOOL OF ARCHITECTURE  
ALPHA RHO CHI - ARCHITECTURAL FRATERNITY  
INTERNATIONAL COUNCIL OF SHOPPING CENTERS

EDUCATION:

UNIVERSITY OF SOUTHERN CALIFORNIA -  
BACHELOR OF ARCHITECTURE - 1951  
UCLA - EXTENSION

HONORS:

AIA NATIONAL HONORABLE MENTION 1956 - WELTON BECKET &  
ASSOCIATES  
TRADEWELL STORES - SEATTLE, WASHINGTON

EXPERIENCE:

Coordinates directly with the president and our Clients to assure total design continuity, project direction and liaison between all responsible parties. His thirty years of diversified experience in design and construction includes commercial, high-rise office buildings, major hotels, regional and neighborhood shopping centers, housing, industrial, medical, master planning, retail stores, governmental and institutional projects. Prior to joining Millard Archuleta Associates in 1978, Mr. Campbell held positions as Vice President with William Simpson Construction Co.; Director of Project Development with Charles Luckman Associates; Chief Architect with William L. Pereira & Associates; and Vice President, Director of Design for Welton Becket & Associates, New York.

RESUME

FRANK J. WONG, AIA  
VICE PRESIDENT, DIRECTOR OF DESIGN

YEAR JOINED MAA: 1973

LICENSES:

CALIFORNIA LICENSED ARCHITECT IN 1961  
NEVADA LICENSED ARCHITECT IN 1973  
TEXAS LICENSED ARCHITECT IN 1973  
NEW YORK LICENSED ARCHITECT IN 1973  
NEW MEXICO LICENSED ARCHITECT IN 1973  
ARIZONA LICENSED ARCHITECT IN 1973  
VIRGINIA LICENSED ARCHITECT IN 1973  
MONTANA LICENSED ARCHITECT IN 1974  
WASHINGTON LICENSED ARCHITECT IN 1974  
TENNESSEE LICENSED ARCHITECT IN 1974  
NCARB LICENSED IN 1970

ORGANIZATIONS & SOCIETIES:

AIA

EDUCATION:

BACHELOR OF ARCHITECTURE - UNIVERSITY OF CALIFORNIA/  
BERKELEY 1955

EXPERIENCE:

HIGH-RISE OFFICE BUILDINGS, CORPORATE OFFICE BUILDINGS,  
HOTELS, AIRPORTS, MAJOR DEPARTMENT STORES, BANKS AND SAVINGS &  
LOANS, PERFORMING ARTS THEATRES, CAMPUS BUILDINGS AND HOSPITALS.



RESUME

WESLEY G. ASHBY, AIA  
VICE PRESIDENT, DIRECTOR OF PRODUCTION

YEAR JOINED MAA: 1979

LICENSES:

CALIFORNIA LICENSED ARCHITECT IN 1969  
NCARB LICENSED IN 1982

ORGANIZATIONS & SOCIETIES:

AMERICAN INSTITUTE OF ARCHITECTS  
CCAIA  
ARCHITECTURAL GUILD - USC  
CONSTRUCTION SPECIFICATION INSTITUTE  
"DUCKS UNLIMITED"

EDUCATION:

UNIVERSITY OF SOUTHERN CALIFORNIA  
BACHELOR OF ARCHITECTURE - 1965

EXPERIENCE:

Mr. Ashby is a graduate of the School of Architecture, University of Southern California with a Bachelor of Architecture, 1965. His background includes all phases of the Architectural profession, from Project Architect and Contract Administration to specification writing. In addition, he has held positions as Director of Production and Personnel. Mr. Ashby's experience over seventeen years includes Office Buildings, Master Planning, Retail, Industrial, Food & Chemical Processing, Institutional, Commercial and Hotel Projects. His current responsibilities include assigning of production personnel, scheduling of work, selection and contracting with consulting engineers and coordination with our field personnel during the construction period. Mr. Ashby is a licensed Architect in California, a member of the American Institute of Architects, Construction Specification Institute, the Architectural Guild and the National Council of Architectural Registration Boards.

RESUME

IMMANUEL VORRATH, AIA

EXECUTIVE ARCHITECT

YEAR JOINED MAA: 1973

LICENSES:

CALIFORNIA LICENSED ARCHITECT IN 1966

ORGANIZATIONS & SOCIETIES:

AMERICAN INSTITUTE OF ARCHITECTS - PASADENA/FOOTHILL CHAPTER

EDUCATION:

LOS ANGELES CITY COLLEGE - ASSOCIATE OF ARTS - 1956  
UNIVERSITY OF SOUTHERN CALIFORNIA - 1957

EXPERIENCE:

OFFICE BUILDINGS- Eureka Federal Savings; San Carlos, CA; 4 stories;  
126,692 sq. ft.  
Walt Disney Office Bldg.; Burbank, CA; 4 stories;  
87,161 sq. ft.  
Eureka Federal Savings; Santa Rosa, CA; 6 stories;  
70,028 sq. ft.  
Coldwell Banker Office Bldg; Los Angeles, CA; 9 stories;  
134,028 sq. ft.  
Gulf Life Insurance Co.; Jacksonville, Florida; 27 stories;  
512,550 sq. ft.  
United Savings Bldg.; Los Angeles, CA; 8 stories;  
120,935 sq. ft.

DEPARTMENT STORES- Buffums; Long Beach, CA; 4 stories; 147,818 sq. ft.  
Buffums; Manhattan Beach, CA; 2 stories; 66,880 sq. ft.  
Montgomery Wards; Beaverton, Oregon; 2 stories; 154,842 s.f.  
Lipman Wolfe; Washington County, Oregon; 114,743 sq.ft.  
Sears; Oxnard, CA; 2 stories; 242,000 sq.ft.

MALLS- Northridge Fashion Center; Northridge, CA; 2 stories;  
538,386 sq. ft.  
Los Cerritos Mall; Cerritos, CA; one story; 567,704 sq.ft.

PARKING STRUCTURES- Eureka Federal Savings; San Carlos, CA; (2) 5-levels;  
406 cars.  
Santa Maria Towne Center; Santa Maria, CA; 3-levels;  
1,796 cars.

<b>STANDARD FORM (SF)</b> <span style="font-size: 2em; font-weight: bold;">254</span> Architect-Engineer and Related Services Questionnaire	1. Firm Name / Business Address: Millard Archuleta Associates 7440 North Figueroa Street Los Angeles, California 90041	2. Year Present Firm Established: 1973	3. Date Prepared: 11-1-82
	1a. Submittal is for <input type="checkbox"/> Parent Company <input type="checkbox"/> Branch Office	4. Type of Ownership: 4a. Minority Owned <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	

5. Name of Parent Company, if any:  N/A	5a. Former Firm Name(s), if any, and Year(s) Established:  Millard Archuleta Associates Name change January 1, 1979	Burke Nicolais Archuleta, Inc. Reorganized October 1, 1973  Burke Kober Nicolais Archuleta Established 1934
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6. Names of not more than Two Principals to Contact: Title / Telephone

1) Millard J. Archuleta, Jr., AIA, President (213) 254-9121  
 2) John R. Campbell, AIA Executive Vice President (213) 254-9121

7. Present Offices: City / State / Telephone / No. Personnel Each Office  7440 N. Figueroa Street Los Angeles, California 90041 (213) 254-9238 or (213) 254-9121 - 50 Headquarters Office  5405 Stockdale Highway Bakersfield, California 93309 (805) 832-1105 - 25  42600 Bob Hope Drive Rancho Mirage, California 92270 (714) 568-9411 - 6	7a. Total Personnel <u>85</u>          3035 South Parker Road, Suite 563 Aurora, Colorado 80014 (303) 337-0244 - 4
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8. Personnel by Discipline:

<u>9</u> Administrative	___ Electrical Engineers	___ Oceanographers
<u>26</u> Architects	<u>2</u> Estimators	<u>4</u> Planners: Urban/Regional
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers
<u>2</u> Civil Engineers	___ Hydrologists	___ Soils Engineers
<u>6</u> Construction Inspectors	<u>4</u> Interior Designers	<u>2</u> Specification Writers
<u>30</u> Draftsmen	___ Landscape Architects	___ Structural Engineers
___ Ecologists	___ Mechanical Engineers	___ Surveyors
___ Economists	___ Mining Engineers	___ Transportation Engineers

9. Summary of Professional Services Fees Received: (insert index number)

	Last 5 Years (most recent year first)				
	19 81	19 80	19 79	19 78	19 77
Direct Federal contract work, including overseas	0	0	0	0	0
All other domestic work	7	7	7	6	5
All other foreign work*	0	0	0	0	0

\*Firms interested in foreign work, but without such experience, check here:

- Ranges of Professional Services Fees INDEX
1. Less than \$100,000
  2. \$100,000 to \$250,000
  3. \$250,000 to \$500,000
  4. \$500,000 to \$1 million
  5. \$1 million to \$2 million
  6. \$2 million to \$5 million
  7. \$5 million to \$10 million
  8. \$10 million or greater

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**10. Profile of Firm's Project Experience, Last 5 Years**

Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)
1) 001	1	85	11) 046	64	2264	21) 088	1	40
2) 008	7	310	12) 048	4	460	22) 089	11	110
3) 017	86	4325	13) 049	2	120	23) 110	11	462
4) 018	1	75	14) 052	8	500	24) 113	3	190
5) 023	37	200	15) 055	32	527	25) 117	9	230
6) 027	7	340	16) 063	1	30	26)		
7) 029	4	125	17) 069	2	187	27)		
8) 039	22	1480	18) 072	25	4000	28)		
9) 041	15	197	19) 078	14	860	29)		
10) 045	8	940	20) 079	61	4880	30)		

**11. Project Examples, Last 5 Years**

Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
039 078 045 079 046 110 049 072	P	1 Unicenter 5000 Arvada, Colorado 60 Acre Master Plan Urban Renewal	Unicenter Partnership 11617 Shoshone Way Westminster, Colorado 80234	\$ 1,250,000	10 Year Program 1995
110 046 017 055 079 059	P	2 Burbank Town Center Burbank, California Regional Shopping Center	E.W. Hahn, Inc. 3666 Kearny Villa Road San Diego, CA 92123	\$ 26,000	1985
001 008 029 079	P	3 Polytechnic School Auditorium & Classroom Pasadena, California	Polytechnic School 1030 E. California Boulevard Pasadena, CA 91106	\$ 2,000	1984
045 072 052 055 079 059	P	4 San Diego Tech Center San Diego California Electronic Manufacturing Technical Office Building	The Naiman Company 3950 Sorrento Valley Blvd. San Diego, CA 92121	\$ 30,000	1983
078 079 043 044 048 058	P	5 Eisenhower Medical Center Rancho Mirage, California Laboratory Building Chemical Dependency Facility	Eisenhower Medical Center 39000 Bob Hope Drive Rancho Mirage, CA 92270	\$ 5,200	1983
017 078 055 079 059 046	P	6 Palm Desert Town Center Palm Desert, California Regional Shopping Center	E.W. Hahn, Inc. 3666 Kearny Villa Road San Diego, CA 92123	\$ 22,000	1983
039 045 059 072 079	P	7 Madison Square Office Building Multi-Deck Garage Denver, Colorado	Naiman Company 90 Madison Street Denver, Colorado 80206	\$ 9,200 First Phase	1982 1st Phase

017 041 046 055 059	P	8 Republic Bank Headquarters Torrance, California	Republic Bank 23133 Hawthorne Boulevard Torrance, California 90405	\$ 4,100	1982
017 079	P	9 Montgomery Wards Long Beach, California	Montgomery Wards 2825 E. 14th Street Oakland, California 94616	\$ 5,250	1982
011 017 079	P	10 Buffums Long Beach, California	Buffums 301 Long Beach Boulevard Long Beach, California 90802	\$ 5,600	1982
017 079	P	11 J.C. Penney Long Beach, California	E.W. Hahn, Inc. 3666 Kearny Villa Road San Diego, California 92123	\$ 5,500	1982
017 079	P	12 Woodbury Building Ogden Mall Ogden, Utah	Wallace Woodbury 353 East Second South Salt Lake City, Utah 84111	\$ 2,100	1982
017 079		13 Sears Store Tucson, Arizona	Sears, Roebuck & Co. 900 S. Fremont Avenue Alhambra, California 91802	\$ 4,770	1981
017 079	P	14 J.C. Penney San Mateo, California	E.W. Hahn, Inc. 3666 Kearny Villa Road San Diego, California 92123	\$ 5,500	1981
017 079 078	P	15 Daon- Corona Master Plan Acreage 360 ac.	DAON SOUTHWEST 4041 MacArthur Boulevard Newport Beach, California 92660	N/A	1981
017 039 079	P	16 J.C. Penney Ogden Mall	E.W. Hahn, Inc. 3666 Kearny Villa Road San Diego, California 92123	\$ 5,000	1980
072 079	P	17 Office Buildings Fresno G.L. Prop.	Great Lakes Properties 3838 Carson Street, Suite 220 Torrance, California 90503	\$ 4,700	1980
017 027	JV	18 Desert Horizon Country Club	Desert Horizon, Inc. P.O. Box 1498 Palm Desert, California 92661	\$ 2,100	1980
017 023 089	P	19 Del Amo Office Building Del Amo Center Lakewood, California	Great Lakes Properties 3838 Carson Street, Suite 200 Torrance, California 90503	\$ 5,850	1980

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017 078 046 089 079 110 039	P	20	Ogden City Mall Ogden, Utah	E.W. Hahn, Inc. 3666 Kearny Villa Road San Diego, California 92123	\$ 30,000	1980
017 046	P	21	J.C. Penney Pasadena, California	E.W. Hahn, Inc. 3666 Kearny Villa Road San Diego, California 92123	\$ 4,500	1980
017 041 046 079	P	22	Hemet Valley Mall Hemet, California	J.S. Griffith Company P.O. Box C19525 Irvine, California 92713	\$ 3,500	1979
017 018 039 046 055 072 079	P	23	Eureka Federal Savings Headquarters San Carlos, California	Kenneth L. Kidwell, President Eureka Federal Savings & Loan P.O. Box 3855 San Francisco, California 94112	\$ 8,000	1979
017 055 079	P	24	Gottschalks Department Store Manchester Center Fresno, California	J. Levy 1550 E Street Fresno, California 93721	\$ 2,260	1979
017 046 078 079	P	25	Sunnyvale Center Sunnyvale, California	E.W. Hahn, Inc. 3666 Kearny Villa Road San Diego, California 92123	\$ 22,000	1979
017 045 046 072 079	P	26	Newport Medical Office Building Newport Center Newport Beach, California	Causey & Rhodes 607 N. Central Glendale, California 91203	\$ 5,000	1978
023 055 072 079	P	27	Fig Garden Office Complex Fresno, California	Allen L. Funch & Michael Torres 5082-A North Palm Fresno, California 93704	\$ 1,250	1978
008 027 029 088	P	28	U.S. Army Reserve Center West Los Angeles, California	Department of the Army Sacramento District Corp. of Engineers 650 Capital Mall Sacramento, California 95814	\$ 1,200	1978
017 052 063 113	P	29	NCR Corporation Building Berry & "C" Streets Brea, California	David H. Murdock Development Co. 10889 Wilshire Boulevard Los Angeles, California	\$ 2,500	1977
017 055 072 079	P	30	Roy O. Disney Office Building 500 South Buena Vista Burbank, California	Walt Disney Productions, Inc. 500 South Buena Vista Burbank, California	\$ 2,500	1977

12. The foregoing is a statement of facts

Signature: *John R. Campbell*

Typed Name and Title: John R. Campbell, AIA Executive Vice President

Date:

11-1-82

20  
7

**FLOR CORONADO MUÑOZ • ARCHITECT**

1450 SOUTH BAYSHORE DRIVE • SUITE 611 • MIAMI, FLORIDA 33131 • (305) 358-7529

**PROFESSIONAL LICENSES:**

Registered Architect  
N.Y. State License No. 011603  
N.J. State License No. AIO 6151  
N.C.A.R.B. Certificate No. 12892  
State of Florida License No. AR 0008854

**PROFESSIONAL EXPERIENCE:**

- February 15, 1983  
to Present      **Transportation Consultant** for the Government of Puerto Rico. Ridesharing Study and Implementation of a system for car and van pool for the employees of the Government Centre of Minillas, San Juan, Puerto Rico.
- September 1982 to  
December 1982      **Architect.** Renovation for South Miami Heights Shopping Center by the Argos Design Studio. Flor C. Munaz R.A., President
- September 1981 to  
December 1982      **Project Coordinator.** Educational Facilities for Ferendino, Grafton, Spillis, Candela in Florida. Main contribution on small and large scale projects was to supervise work performed by other Architects or Engineers. Monitor phases from schematic to completion of construction. Coordinate disciplines within the organization. Serve as a liaison in between the Dade County Public School Board, F.G.S.C., and the assigned Project Architect. Review program requirements. Review Contract Documents, and ensure implementation of comments. Review requisition for payments from Contractors and review Project Architect's invoices.
- Projects in charge: State School NN - Design and construction - Renovations and A/C contracts for Ponce de Leon Jr. H. S., Filer Jr. H.S., Westview Jr. H.S., North Miami Jr. H. S., and others.
- September 1980 to  
September 1981      **Architect.** Private Practice. Design and construction management for Rivoli Store, Dadeland Mall, Miami, Florida. Preliminary design phases for several projects including Castropol Building, Miami, Florida, and Day Care Centers, Miami, Florida. System to be located near Rapid Transit Stations.
- August 1978 to  
September 1980      **Project Architect** for the Kaiser Transit Group in the Miami Rapid Transit System with the responsibility to supervise activities of Section Designers; coordinate disciplines within the organization, and serve as liaison of activities between KTG and the Section Designer; supervise compliance with KTG procedure; monitor performance and evaluate activities.
- Stations in charge: Vizcaya, Dr. Martin Luther King Jr. Plaza and Hialeah.

**PROFESSIONAL EXPERIENCE: (Continued)**

January 1974 to  
August 1978

**Senior Architect** for the New York City Transit Authority with the responsibility to direct and review the work carried on in the design group; prepare progress report; assist in the development and formulation of major architectural projects; act as an agent with other city agencies, consultants, contractors or general public; direct the preparation and review of architectural documents for major projects of stations or transit system facilities; review the following: reports regarding the approval or modification of architectural contract drawings and specifications; preparation of feasibility studies of major architectural projects; preparation of analysis of bids; approval of shop drawings; resolution of major architectural projects encountered in the construction phase; field supervision, coordination with other departments.

Projects in charge: Bowling Green Station - construction phase; Roosevelt Island Station - design phase and contract drawings; Northern Boulevard Station - design phase; Clifton Shop Rehabilitation - construction phase; Metropolitan Avenue Station - construction phase; Battery Park Control House Rehabilitation - design and construction phase. Assigned Personnel 10 to 12 persons.

December 1972 to  
January 1974

**Architect** for the New York City Transit Authority - with the tasks of supervising the design presentations or proposals. Made interpretative sketches. Prepare, assign and review work of subordinate from 11 to 15 persons for the development of the project from preliminary phase to final completion.

Projects in charge: Same as above.

December 1971 to  
December 1972

Worked one year in the Water Resources Department, in the Air Pollution Administration of the City of New York. Projects were structures to be built or rehabilitated, including budgeting, contractual documents, field supervision.

June 1969 to  
February 1971

Collaborated with Handren, Sharp and Associates, Architects, New York, in the preparation of contractual documents in educational and industrial buildings. Assisted Project Architect in managing staff of 4.

April 1966 to  
April 1977

Collaborated with the firm of J. Gordon Carr and Associates, Architects. Involved on projects such as General Motors (Office Buildings) - Interiors, Bristol Myers Laboratories.



**PROFESSIONAL EXPERIENCE: (Continued)**

August 1964 to August 1965      Worked for Mr. Henry Klumb, F.A.I.A. Involved in preparation of design and contractual documents in the following projects: Park Plaza Hotel, Baxter Laboratories, Dominican Seminary, San Ignacio Church, Apartments and Residences in San Juan, Puerto Rico.

November 1961 to June 1964      Collaborated as a Consultant to the Puerto Rico Planning Board, San Juan, Puerto Rico. Prepared Organization, Circulation and Population Studies; prepared Densities Studies for the San Juan Metropolitan Area; Centers of Santurce and Bayamon - Design Studies. Assisted in the development of a precast Housing Project, in San Juan, Puerto Rico.

**EDUCATION:**

College  
1967 - 1969      School of Architecture  
The City University of New York, New York  
Bachelor of Science in Architecture

1953 - 1961      School of Architecture  
University of Havana  
Havana, Cuba

High Level  
Education  
1948 - 1953      School of Ursulines Mothers  
Havana, Cuba  
Bachelor of Arts and Science

**OTHER STUDIES:**

The City University of New York  
Mechanical and Electrical Equipment for Buildings I and II.  
Professional Practice. Cost Controls.

**PERSONAL DATA:**

Marital Status:      Married, one daughter  
Citizenship:      American  
Social Security No.:      267-72-4264  
Languages:      Spanish and French

**REFERENCES:**

Available upon request

FLOR CORONADO MUÑOZ • ARCHITECT

1450 SOUTH BAYSHORE DRIVE • SUITE 307 • MIAMI, FLORIDA 33131 • (305) 358-7529  
611

REQUIRED INFORMATION

TITLE: TRANSPORTATION PROJECTS IN THE LAST FIVE YEARS

INFORMATION: Transportation Consultant

Office of the Governor, Office of Energy, Box 41089,  
Santurce, Puerto Rico. Ridesharing Study and  
Implementation of a System for Car and Van Pool for  
the Government Center of Minillas

Involvement

As a consultant, five months.  
Cost - Not applicable.  
Fee - Fifty Thousand Dollars

INDIVIDUAL  
EXPERIENCE:

Kaiser Transit Group, Miami, Florida  
44 West Flagler, Miami, Florida

Project Architect for KTG.

Earnings based on a fixed salary.

Stations in Charge:

Dr. Martin Luther King, Jr. Plaza

Involvement

One third of the time for a period of two years.  
Cost - 10. Million Dollar Project.

Hialeah Station

Involvement

One third of the time for a period of two years.  
Cost - Approximately 6. Million Dollars

Vizcaya Station

Involvement

One third of the time for a period of two years.  
Cost - Approximately 6. Million Dollars

## TRANSPORTATION PROJECTS IN THE LAST FIVE YEARS

Page 2

New York City Transit Authority  
370 Jay Street  
Brooklyn, New York

I.E. - Individual Experience, earnings based on a fixed salary.

### Stations in Charge:

#### Bowling Green

Involvement - Twenty-five percent of the time for the last three years.  
Cost - 21. Million Dollars

#### Roosevelt Island

Involvement - Twenty-five percent of the time for the last two years.

Cost - Approximately 15. Million Dollars

#### Northern Blvd.

Involvement - Twenty-five percent of the time for the last two years.  
Cost - Approximately 18. Million Dollars.

#### Metropolitan Ave. Station Rehabilitation

Involvement - Fifteen percent of the time, two years.  
Cost - Approximately 1. Million Dollars.

#### Clifton Shop Rehabilitation

Involvement - Ten percent of the time for the last two years.  
Cost - Approximately 2. Million Dollars.

#### Battery Park Control House Rehabilitation Station Entrance

Involvement - Fifteen percent of the time two years.  
Cost - Approximately 1. Million Dollars

**JOHN A. MARTIN & ASSOCIATES**  
**HISTORY AND SEISMIC CAPABILITIES**

John A. Martin & Associates has been engaged in the practice of consulting structural engineering since 1953. Under the direct supervision of John A. Martin, the company has developed a steady growth pattern; both in the magnitude of projects designed and the development of an outstanding staff.

The firm's headquarters are located in Los Angeles, with affiliate offices in Rockville, Maryland; Tucson, Arizona; Las Vegas, Nevada; Newport Beach, San Francisco and Costa Mesa, California; Honolulu, Hawaii; Houston, Texas; Miami, Florida and Wheat Ridge, Colorado.

The current technical personnel numbers in excess of 200, including 40 licensed structural engineers in California. Close liaison is maintained between all offices and the total manpower, regardless of geographical location, can be utilized in support of specific projects.

The personnel of John A. Martin & Associates are well versed in seismic design and analysis, as many projects are located in Seismic Zone 4, the heaviest seismic region designated by code. Computerized seismic investigations include seismic distribution, shear wall analysis, response spectrum analysis and dynamic analysis of large structures.

Seismic studies are carried out on an in-house PRIME 550 computer. To assist structural engineers in selection the proper software, computer modeling of the structure, and interpretation of the results, a team of computer application specialists is at work. This team consists of a Ph.D. in structural mechanics, a Ph.D. in computer aided design and two registered structural engineers.

JOHN A. MARTIN

**EDUCATION:** Bachelor of Science, Civil Engineering  
University of California, Berkeley, 1943

**LICENSES:** Civil Engineer (1949) California  
Structural Engineer (1951) California

**REGISTRATION:** Licensed as a Professional/Structural Engineer  
in Arizona, California, Colorado, Connecticut,  
Florida, Georgia, Hawaii, Illinois, Louisiana,  
Maryland, Minnesota, Missouri, Nebraska, Nevada,  
New Jersey, New Mexico, New York, Oregon, Rhode  
Island, Texas, Utah, Washington, Washington, D.C.

**PROFESSIONAL ORGANIZATIONS:** Structural Engineers Association of California  
(President 1978/1979)  
Structural Engineers Association of Southern  
California (President 1976/1977)  
Applied Technology Council Board of Directors  
American Concrete Institute  
American Society of Civil Engineers  
Consulting Engineers Association of California  
Society of American Military Engineers  
Architectural Guild  
National Council Engineering Examiners  
Prestressed Concrete Institute

**EXPERIENCE:** 1953-Date CEO, John A. Martin & Associates  
1946-1953- Design Engineer, Brandow & Johnston  
1943-1946 U. S. Navy

John A. Martin established the firm of John A. Martin & Associates in 1953. Under his direct supervision the company has developed a steady growth pattern, both in magnitude of projects designed and the development of an outstanding staff.

Mr. Martin has been involved in the design of numerous projects relative to the proposed RTD facility, and will be directly responsible for the proposed project.

C. DONALD HOOVER

EDUCATION: Bachelor of Science, Civil Engineering  
Kansas State College, 1938

LICENSED: Structural Engineer (1952) California

REGISTRATION: California, Nevada and Arizona

PROFESSIONAL ORGANIZATIONS: Consulting Engineers Association of California  
Structural Engineers Association of Southern  
California

EXPERIENCE: 1960-Date John A. Martin & Associates, Los Angeles.  
Executive Vice President

1947-1960 Ropp & Ropp, Los Angeles, California  
Chief Engineer

1946-1947 Bechtel Corporation, Los Angeles  
Structural Designer

1942-1945 Civil Engineering Corps, Pacific,  
United States Navy

1940-1942 Stone & Webster, Boston, Massachusetts  
Squad Leader - Structural Designer

1939-1940 American Bridge Company, Ambridge,  
Pennsylvania  
Structural Designer

1938-1939 State Highway Department, Kansas  
Junior Engineer

Mr. Hoover's previous experience in structural design covers all types and sizes of buildings in both the private and public sector. His area of expertise other than design includes cost engineering, value engineering, scheduling, and seismic consideration.

Mr. Hoover has been involved in the new RTD bus maintenance and operations facility as well as the Reha of the SCRTD bus facilities, Divisions 2 and 14.

Mr. Hoover will work in the capacity of Senior Project Engineer for the proposed facility.

VICTOR R. PRESTON

**EDUCATION:** Bachelor of Science, Civil Engineering,  
University of Southern California, 1951

**LICENSE:** Structural Engineer (1957) California

**REGISTRATION:** Licensed as a Professional/Structural Engineer  
in California, Hawaii and New Jersey

**PROFESSIONAL ORGANIZATIONS:** American Society of Civil Engineers  
Structural Engineers Association of Southern  
California  
Seismological Society of America

**EXPERIENCE:** 1951-1954 Bechtel Corp., Los Angeles, CA  
Structural Designer

1955-1956 Walter H. Preston, Civil Engineer  
Woodland Hills, California  
Structural Designer

1956-1958 Pereira and Luckman, Architects and  
Engineers, Los Angeles, California  
Project Structural Engineer

1958-1959 Self Employed as Consulting Structural  
Engineer

1959-1980 Gruen Associates, Los Angeles, CA  
Head, Structural Engineering Department  
and Chief Structural Engineer

1980-Date John A. Martin & Associates, Los  
Angeles, California  
Project Manager

Mr. Preston has recently completed the structural design of the Land/  
Food Pavilion and the Imagination Pavilion at EPCOT Center, Disney-  
world, Florida.

The structural design on the Imagination Pavilion included the main-  
tenance building, operation facilities, ride paths, ride turntables  
and ride vehicle track supports.

The Land Pavilion design included a boat ride for which Mr. Preston  
was responsible for the design of the concrete channels, high horse-  
power pump facilities to propel water to move boats 1900 feet and  
widening the water channels into various multiple scenes. This de-  
sign included the equipment rooms of unusual shaped buildings to  
handle different underground channels for specific needs, repair  
handling facilities and boat maintenance cranes.

Mr. Preston also designed the underground annex from the Oakland  
City Center connecting to the BART station under Broadway in San  
Francisco.

Mr. Preston will be assigned as the project manager for the proposed  
project.

REPRESENTATIVE LIST OF UNDERGROUND STRUCTURES

<u>PROJECT NAME</u>	<u>OWNER/ADDRESS</u>	<u>DATE</u>	<u>ESTIMATED COST</u>
Angelus Plaza and Parking Structure (CRA), West of Hill Street	Mr. Reinhold Klein Retirement Housing Fdtn. 3747 Atlantic Avenue Long Beach, CA. 90807	1978/ 1982	\$ 40,000,000
California Plaza Underground Parking Structure and Mall	Mr. Shem Krey Metropolitan Structures and Mr. George Davey Bunker Hill Associates 354 S. Spring St., #200 Los Angeles, CA. 90013	1982/ 1986	120,000,000
RTD New Bus Maintenance and Operation Facilities	Mr. Warren Fu SCRTD 425 South Main Street Los Angeles, CA. 90013	1981/ 1983	9,000,000
Energy Control Center Underground Energy Monitoring	Mr. Pat McCarty City of Tacoma Dept. of Public Utilities 930 Tacoma Avenue South Tacoma, WA. 98402	1981/ 1983	4,000,000
Imagination Pavilion EPCOT Center, Sub Grade Tunnels, Vehicle Track Supports, Maintenance Facilities, Turntables	Mr. Roger Day WED Enterprises 1401 Flower Street Glendale, CA. 91201	1981/ 1982	46,000,000
Land/Food Pavilion EPCOT Center, Sub Grade Tunnels, Cranes for Maintenance Facilities, Concrete Channels	Mr. John Diefenbach WED Enterprises 1401 Flower Street Glendale, CA. 91201	1979/ 1982	65,000,000
Entrance Tunnel from 38 Story Tishman Building on Market Street to BART, San Francisco, California	Tishman Realty 415 East 53rd Street New York, New York 10022	1970	30,000,000
Los Angeles City Hall East North Garage and Mall Under Temple Street.	City of Los Angeles 200 North Spring St. Los Angeles, CA. 90012	1975	30,000,000
Los Angeles County Mall and Underground Parking Structure I, West of Hill with Tunnel under Grand Ave. to Music Center	Los Angeles County 500 West Temple St. Los Angeles, CA. 90012	1971	15,000,000
Los Angeles County Mall and Underground Parking Structure II, East of Hill	Los Angeles County 500 West Temple St. Los Angeles, CA. 90012	1971	10,000,000
Compton and Inglewood Mall and Underground Parking Structure	Los Angeles County 500 West Temple St. Los Angeles, CA. 90012	1977	25,000,000

JOHN A. MARTIN  
and ASSOCIATES  
Structural Engineers





HISTORY  
AND  
GENERAL BACKGROUND

Rogoway/Borkovetz Associates is a civil engineering planning and design consulting firm with corporate headquarters in Los Angeles and a branch office in Newport Beach, California. Rogoway/Borkovetz Associates was founded in 1966 as Shuirman-Rogoway & Associates and is the successor to the firm of G. Shuirman & Associates which was begun in 1957. In 1979, Richard E. Borkovetz & Associates was merged with the organization and Richard Borkovetz became a principal.

Because of the professional background of its principals, the company has specialized in Site Development as it relates to all facets of civil engineering planning and design. This particular field of specialization has been perpetuated and expanded through the employment of key personnel who are also adept and innovative in site development work.

Technical expertise and consultation is offered by Rogoway/Borkovetz Associates in the fields of earthwork, precise grading, roads, airfield runways and taxiways, storm drainage and flood control, sewerage, water supply and distribution, and gas distribution.

Clients include architects, planners, public agencies, commercial and industrial companies and land developers. Our organization particularly prides itself on its ability to work creatively and productively as a member of a planning or architectural and engineering "team".

LAWRENCE P. ROGOWAY  
CIVIL PRINCIPAL-IN-CHARGE/PROJECT MANAGER

Mr. Rogoway obtained a B.S. in Civil Engineering from Oregon State University in 1954. His professional background began in 1956 upon release from commissioned service in the Navy with Lockheed Aircraft Company in a structural analysis group. In 1957 he took a position with the City of Los Angeles Department of Public Works, concentrating on the designs of sanitary sewer and storm drain projects. Mr. Rogoway joined the firm in 1959 and has acted in the capacity of Project Designer and Project Manager for a wide variety of types and sizes of projects, from conventional and cluster housing developments, and land development feasibility, and planning studies through subsequent working drawings and construction supervision. He is a licensed Civil Engineer in the States of California, Colorado, Nevada, Oklahoma, Oregon, Virginia and Washington, holds the National Council of Engineering Examiners Certificate of Qualifications; he is a Fellow of the American Society of Civil Engineers and a member of National Society of Professional Engineers, American Water Works Association, Construction Specifications Institute and Consulting Engineers Association of California. Mr. Rogoway is the Chief Executive Officer of the firm and actively participates in the technical aspects of many of the firm's projects. He expects to devote a minimum of 75% of his total time to this project but anticipates, and can commit, to 95% depending on the project for which we are selected.

JON M. ZIEGLER  
ASSISTANT CIVIL PROJECT MANAGER/DESIGNER

Jon Ziegler's B.S. in Civil Engineering was received in 1964 from Washington State University. His professional career commenced with the City of Los Angeles Department of Public Works specializing in designs of road and sanitary sewer projects. He was employed by this firm from 1970 to 1972 as a designer of offsite public works facilities. He left to take a position as the staff engineering manager of a development firm for two years and then as manager of the civil engineering department at Norman Engineering from 1974 to 1978. Mr. Ziegler rejoined this firm in 1978 and has represented us on a one year assignment overseas as civil engineering consultant for public works improvement design standards. He is a licensed Civil Engineer in California and Arizona and is a Member of the American Society of Civil Engineers.

JOHN B. BLACK  
CIVIL DESIGNER

John Black obtained a B.S. in Civil Engineering from San Diego State University in 1969. He was employed by the City of Los Angeles Department of Public Works for 4 years in various design positions for both surface and subsurface improvements as well as preparing reports for a variety of public grants. He joined this organization in 1973 and has assumed responsibility for designing and supervising the preparation and processing of maps and plans of civil designs for road and drainage projects undertaken by the firm. He is a licensed Civil Engineer in California, a Member of the American Society of Civil Engineers and a Member of the National Society of Professional Engineers.

If selected for the engineering design of a project the above noted engineers can devote 100% of their total time to the design.

RELEVANT PROJECTS:

Parking Structures 3-I and 3-II - LAX (Total : \$19,200,000  
Civil : \$ 460,000)

Surface and subsurface improvement design  
Design completed 1982  
Civil Fee \$54,500  
Construction just underway  
Contact: Mal Packer Tel: (213) 646-3254

Parking Structure 101 - LAX (Total : \$7,800,000  
Civil : \$ 160,000)

Surface and subsurface improvement design  
Design complete March 1983  
Civil Fee \$41,700  
Construction to commence mid-1983  
Contact: Mal Packer Tel: (213) 646-3254  
Ken Giles Tel: (213) 646-4718

Century City Development

Surface and subsurface improvement design  
Continuing contract for miscellaneous surface and subsurface design  
services since 1971  
Contact: Chris Louros Tel: (213) 552-8151

UCLA Campus

Surface and subsurface improvement designs in conjunction with various  
building projects, as well as water system rehabilitation, storm drain  
reconstruction, etc.  
No current contracts  
Contact: Steve Sebolsky Tel: (213) 825-4773

Crown Hill (Crown Hill Development Corp. (Civil ±\$1,000,000)

Surface and subsurface improvement designs  
Design 5% complete. Expect completion late 1983  
Civil Fee \$130,000  
Contact: Clarence Lee Tel: (213) 738-7890

RECENT CLIENTS

ARCHITECTS AND/OR PLANNERS

Thornton M. Abell, AIA  
Kazumi Adachi, Architect  
Millard Archuleta Associates  
Bruce Becket & Associates  
Welton Becket & Associates  
William Blurock & Partners  
Bobrow Thomas Associates (BTA)  
Bolling and Gill, Architects  
Carmichael & Kemp  
Chaix & Johnson Associates  
Daniel L. Dworsky & Associates  
Sidney Eisenshtat & Associates  
Ellerbe Associates, Inc.  
Edward H. Fickett, AIA  
Froehlich & Kow Architects  
Gruen Associates, Inc.

Frank L. Hope & Associates  
Willis K. Hutchason Architects & Associates  
Johnson & Silvestri  
A. Quincy Jones FAIA & Associates  
KDG  
Killingsworth, Brady & Associates  
The Luckman Partnership, Inc.  
Leroy B. Miller & Associates  
William L. Pereira Associates  
Robbins & Bown  
Skidmore, Owings & Merrill  
Edward Durell Stone, Inc.  
John Carl Warnecke and Associates  
Richard George Wheeler & Associates  
Ziegler Kirven Parrish Architects

COMMERCIAL AND INDUSTRIAL COMPANIES

FOR WHOM WE HAVE WORKED DIRECTLY

Century City, Inc.  
Columbia Broadcasting Co.  
Farmers Insurance Company  
Green Hills Memorial Park  
Lockheed California Company  
May Centers, Inc.  
Marriott Corporation

Mutual Benefit Life  
North American Rockwell  
Northrop Corporation  
J.C. Penney Company  
Warner Bros. Records, Inc.  
Wyle Laboratories

DEVELOPERS FOR WHOM WE  
HAVE WORKED DIRECTLY

Bixby Land Company  
Bramalea Calif., Inc.  
Cadillac-Fairview  
Continental Multi-Homes, Inc.  
Edward C. Ellis Co.  
Ernest W. Hahn, Inc.  
Hahn Devcorp  
Irvine Company

Janss Corporation  
Lantain Corporation  
Metropolitan Structures  
Olympia and York  
Pacific Dominion Property Company  
Palos Verdes Properties  
Piedmont Construction Company  
Sunset House Corporation

PUBLIC AGENCIES FOR WHOM  
WE HAVE WORKED DIRECTLY

California Department of Parks and Recreation  
California State College System  
City of Los Angeles  
City of San Diego  
Community Redevelopment Agencies  
    Los Angeles  
    Pasadena  
    Santa Monica  
County of Los Angeles  
    Flood Control District  
    Road Department  
School Districts  
    Los Angeles  
    Orange  
    Palos Verdes  
    Tustin  
United States Army Corps of Engineers  
United States Navy  
University of California Campuses  
    U.C.L.A.  
    Irvine  
    Santa Barbara  
    San Diego

OTHER CLIENTS FOR WHOM  
WE HAVE WORKED DIRECTLY

Automobile Club of Southern California  
Robert H. Carter, Landscape Architect  
William Crosbie, Real Estate Appraiser  
Los Angeles County Counsels Office  
Motion Picture Television Relief Fund  
O'Melveny & Myers, Attorneys

Qualimetrics, Environmental Consultants  
Shattuck Company, Real Estate Appraisers  
South Bay Hospital  
State Mutual Savings & Loan Association  
Whittlesey Associates, Real Estate Appraisers

DAVID CHEN & ASSOCIATES  
CONSULTING ENGINEERS  
4160 VERDUGO ROAD  
LOS ANGELES, CALIFORNIA 90065  
TELEPHONE (213) 254-7344

David Chen and Associates is a Consulting Engineering firm that has provided professional Mechanical Engineering services since 1962. Our experienced staff analyzes, develops, budgets and prepares complete design which is then fully reviewed with the client to achieve the client's goal. The three key supervisory personnel bring to the firm a comprehensive understanding of mechanical engineering, plumbing, refrigeration, heating, air conditioning and ventilation.

Over ninety percent of our business is from repeat clients. The firm has completed over two-hundred and eleven major projects. Our design specialties include educational facilities, financial institutions, industrial plants, general office structures, medical and science buildings, retail centers, department stores, and regional shopping malls.

Our objective is to design the most qualitative, innovative and cost-effective mechanical system. Our designs are simple, direct, rugged, efficient and entirely responsive to the newest accepted technologies and theories of design. In over twenty years of serving our clients we have always met the schedule and created long lasting happy relationships with our clients.

DAVID S.Y.CHEN MECHANICAL ENGINEER

David Chen is a registered professional engineer whose California license is #M12337. He received his Bachelor of Mechanical Engineering degree from National Tsinghua University, China, in 1943. Prior to entering into private practice, he was formerly the Chief Engineer of American Engineering Corporation, Fed. Inc. U.S.A. in Hong Kong. In that position he was responsible for the designing 920 ton air conditioning for the Government Administration Building Complex using sea-water reverse cycle principles with many low temperature applications. Mr. Chen is a naturalized United States citizen.

Mr. Chen brings over twenty-nine years of successful experience in the field of Professional Engineering Design and Construction Supervision. He is licensed to practice in the states of Oregon, Washington, Colorado, Iowa, Montana, Nevada, Arizona, Oklahoma, Tennessee, Florida, and Texas. He is also a member of the National Society of Professional Engineers and the American Society of Heating, Refrigerating and Air Conditioning Engineers, two professional societies which are dedicated to the modernization and the quality updating of professional services in this area.

OTTO OCENASEK

Otto Ocenasek has worked over eighteen years with David Chen and Associates as Senior Engineer, Designer and Project Manager. He was born in Czechoslovakia and earned his degree in engineering from the University of Prague, Czechoslovakia. Prior to becoming a naturalized United States citizen and immigrating to this country, he took further advanced classes at Ryerson Institute of Technology in Toronto, Canada. He was employed by S.B. Coon and Son of Toronto, Canada, for over eight years as a H.V.A.C. and plumbing designer.

Mr. Ocenasek is a key person and that rare individual whose ability to coordinate the resources devoted to entire large projects even while painstakingly paying attention to even the smallest details has been, in no small way, one of the principal reasons contributing to the company's prestige.



LEONARDO CORDERO

Leonardo Cordero has been employed over five years with David Chen and Associates as Senior Engineer and Plumbing Designer. He received his degree from the University of Hawaii and then worked four years in the United States Air Force as a draftsman on engineering related projects. Prior to joining this firm, Mr. Cordero was employed for ten years by Albert Zimmerman and Associates as a draftsman assigned to the Chief Plumbing Designer. Following this employment, he then worked for three years as a plumbing designer for Paul Bennett, Incorporated from which service he received excellent references.

Mr. Cordero specialized in the plumbing design for multi-story apartment buildings, shopping malls, large department store buildings and the exacting requirements demanded by the designs for science/medical buildings.

Among the 19 school and university projects which this firm has designed are:

Laurel Elementary School  
City of Los Angeles

Los Angeles High School  
City of Los Angeles

University of California at San Diego  
The Third College  
San Diego, California

John F. Kennedy High School (Complete)  
City of Los Angeles

California State University, Science Building  
Fresno, California

California State University, Gym  
Dominguez Hills, California

Among the over forty six bank buildings designed by this firm are:

Cathay Bank  
Chinatown, Los Angeles

Security Pacific National Bank  
Vanderberg Air Force Base Branch

Sumimoto Bank Building  
Gardena, California

Crocker-Citizens National Bank  
Lancaster, California

Security Pacific National Bank  
Mission Viejo Branch

Bank of America  
Malibu, California

Among the twenty-four institutional buildings designed by this firm are:

Y.M.C.A.  
Van Nuys, California

Los Angeles County  
South Coast Botanical Garden  
Administrative Complex

Los Angeles City  
Granada Hills Library

Y.M.C.A.  
Westside, California

City of Glendale  
Fire Station and Library

City of Carson  
City Hall, E.O.C. and  
Carson Community Center  
Carson, California

Among the fifteen major industrial buildings designed by this firm are:

American Mgmt Corp., Car Center  
Rolling Hills, California

B.F. Goodrich  
Long Beach, California

Royal Metal Corp. (Steel Furniture)  
City of Industry, California

Audiotronics Corp.  
North Hollywood, California

Moran Cadillac Agency  
Torrance, California

Swelldom Building (Drapery Cleaning)  
North Hollywood, California

Among the twenty-seven office and medical buildings designed by this firm are:

Barrington Medical Center  
West Los Angeles, California

Chamberlain Building  
Sherman Oaks, California

Le Sage Building  
Los Angeles, California

Rolling Hills Administrative Building  
City of Rolling Hills

16000 Ventura Blvd. Bldg. (Twelve Story)  
Encino, California

Inter-Community Center Building  
Whittier, California

Among the thirty-four retail centers and department store buildings designed by this firm are:

Laurel Plaza (May Company)  
North Hollywood, California

Mission Viejo Plaza  
Orange County, California

Sears, Roebuck and Company  
Scottsdale, Arizona

Thrifty Drug Store  
Downtown Los Angeles, California

Montgomery Ward  
Montclair, California

J.C. Penney Store  
Thousand Oaks, California

Among the forty-six major regional shopping centers designed by this firm are:

Del Amo Fashion Square  
Torrance, California

The Meadows  
Las Vegas, Nevada

Quail Springs Shopping Center  
Oklahoma City, Oklahoma

Prestonwood Mall  
Dallas, Texas

Fashion Show Mall  
Las Vegas, Nevada

Topanga Plaza Mall  
Woodland Hills, California

In addition to these centers, which aggregate well over fifteen million square feet of enclosed, climate-controlled, commercial space, David Chen & Associates performs consulting services on work performed by others for many of California's leading developers.

NIKOLAKOPOULOS & ASSOCIATES  
CONSULTING ELECTRICAL ENGINEERS

Founded in 1959, Nikolakopoulos and Associates is a Consulting Engineering firm with an experienced staff of professionals providing Electrical Engineering services. Our services include: systems analysis, design, contract documents, costs estimation and field supervision.

Building type specialties include office buildings and financial institutions, hotels, shopping center malls, data processing facilities, hospitals, education facilities and industrial plants of all kinds.

Our engineering philosophy is based on a detailed, confidential examination of each project situation to assure an in depth understanding of the assignment and requirements. With this thorough understanding, all specialized talents in our organization contribute to the development of a complete design criteria. This criteria is carefully and explicitly reviewed with the client to assure coordination, compatibility, and quality with a cost conscious approach.

Staff:

Professional qualifications:

Alex Nikolakopoulos, President - Electrical Engineer

24 years of experience with this firm.  
5 years of experience with other firms.

Degree: Bachelor of Science, University of California at Santa Barbara, 1950. Graduate work in Electrical Engineering at the University of California at Los Angeles 1950-1952.

Professional registration in eleven states, including Arizona, California, Colorado, Florida, Hawaii, Iowa, Nevada, Oregon, Texas, Utah and Washington.

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Alex Nikolakopoulos, Jr. - Electrical Engineer

7 years experience with this firm.

Degree: Bachelor of Science, Electrical Engineering  
University of Southern California, 1978.

Awards: Hewitt Engineering Award

Matthias Nikolakopoulos - Associate

1 year experience with this firm.

Degree: Bachelor of Science, Electrical Engineering  
University of Southern California, 1982.  
Graduated as an honor student and is presently  
doing graduate work. State of California  
Engineer In Training examination completed.

Morteza Kohan, Vice President - Project Engineer

10 years experience with this firm.  
10 years experience with other firms.

Degree: Bachelor of Science, Electrical Engineering  
Pacific State University, 1967.

Electrical Engineer. Registration: Iran.  
California registration pending.

Joselito Aquino - Draftsman

12 years experience with this firm.

Robert Dauglash - Draftsman

6 years experience with this firm.

Six additional draftsmen with less than five years experience  
with this firm.

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## REPRESENTATIVE PROJECTS

### INDUSTRIAL AND MANUFACTURING

- |                                       |                      |
|---------------------------------------|----------------------|
| 1. Aerospace Center                   | El Segundo, CA       |
| 2. Bendix Facility                    | North Hollywood, CA  |
| 3. Formosa Plastics                   | Gardena, CA          |
| 4. General Electric, Computer Center  | Culver City, CA      |
| 5. Hughes Airwest, Computer Center    | El Segundo, CA       |
| 6. Indal Aluminum                     | City of Industry, CA |
| 7. Kawasaki Motors Corporation        | Lincon, NE           |
| 8. Lexitron                           | Thousand Oaks, CA    |
| 9. Litton Data Command Systems        | Agoura, CA           |
| 10. Seiko Time Building               | El Segundo, CA       |
| 11. Superior International Industries | Van Nuys, CA         |
| 12. Wangco Computer Center            | Irvine, CA           |
| 13. Warner Lambert Industries         | Anaheim, CA          |

### HOSPITALS AND MEDICAL CENTERS

- |   |                 |
|---|-----------------|
| 1. City of Hope - Surgical Wing         | Duarte, CA      |
| 2. City of Hope - Research Laboratories | Duarte, CA      |
| 3. Compton General Hospital             | Compton, CA     |
| 4. Kaiser Foundation Hospital           | Los Angeles, CA |
| 5. Kaiser Foundation Hospital           | Harbor City, CA |
| 6. Modesto Medical Center               | Modesto, CA     |
| 7. Westhills Hospital                   | Canoga Park, CA |

### EDUCATIONAL FACILITIES

- |                                       |                  |
|---------------------------------------|------------------|
| 1. Educational Trade Center           | Los Angeles, CA  |
| 2. Luanda Bay and Lilver Spur Schools | Palos Verdes, CA |
| 3. California School for The Blind    | Fremont, CA      |
| 4. Roosevelt High School Addition     | Los Angeles, CA  |
| 5. University of Riverside            | Riverside, CA    |
| a. Library Building                   |                  |
| b. Humanities Building                |                  |
| c. Life Science Building              |                  |
| d. Student Dormitories                |                  |

## REPRESENTATIVE PROJECTS

### OFFICE BUILDINGS

- |  |                     |
|--|---------------------|
| 1. Ahmanson Center                       | Los Angeles, CA     |
| 2. Coopers and Lybrand (Shell Oil Bldg.) | Los Angeles, CA     |
| 3. Del Amo Financial Center              | Torrance, CA        |
| 4. Eureka Federal Savings Headquarters   | San Carlos, CA      |
| 5. Golden Shores Office Building         | Long Beach, CA      |
| 6. Redlands Federal Savings              | Redlands, CA        |
| 7. Republic Bank                         | Torrance, CA        |
| 8. Sorrento Ridge Business Center        | San Diego, CA       |
| 9. United California Bank                | Glendale, CA        |
| 10. V.D.A. Tower                         | North Hollywood, CA |

### HOTEL PROJECTS

- |                                       |                  |
|---------------------------------------|------------------|
| 1. Hawaiian Regent Hotel              | Honolulu, HI     |
| 2. La Reina Sheraton Hotel            | L.A. Airport, CA |
| 3. Mammoth Taverns                    | Mammoth, CA      |
| 4. Ocean Terrace                      | Santa Monica, CA |
| 5. San Carlos Sheraton Hotel          | Monterey, CA     |
| 6. Showboat                           | Las Vegas, NV    |
| 7. Windsor Hotel - (Complete remodel) | Los Angeles, CA  |

### MAJOR SHOPPING CENTERS AND MALLS

- |                                |                  |
|--------------------------------|------------------|
| 1. Cerritos Fashion Center     | Cerritos, CA     |
| 2. Del Amo Fashion Center      | Torrance, CA     |
| 3. Esplande Mall               | Oxnard, CA       |
| 4. Hemet Valley Mall           | Hemet, CA        |
| 5. Laguna Hills Fashion Center | Laguna Hills, CA |
| 6. Las Vegas Fashion Center    | Las Vegas, NV    |
| 7. Los Arcos Mall              | Scottsdale, AZ   |
| 8. Montclair Plaza             | Montclair, CA    |
| 9. Ogden City Mall             | Ogden, UT        |
| 10. Palm Desert Town Center    | Palm Desert, CA  |
| 11. Park Mall                  | Tucson, AZ       |
| 12. Roseburg Valley Mall       | Roseburg, OR     |
| 13. Santa Maria Redevelopment  | Santa Maria, CA  |
| 14. The City                   | Orange, CA       |
| 15. Tyler Mall                 | Riverside, CA    |
| 16. Warner Ranch Promenade     | San Fernando, CA |

### NIKOLAKOPULOS & ASSOCIATES

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## REPRESENTATIVE PROJECTS

### FOOD PROCESSING BUILDINGS

- |  |                      |
|--|----------------------|
| 1. El Torito Food Preparation Building | Irvine, CA           |
| 2. General Foods Processing Plant      | Santa Fe Springs, CA |
| 3. Jersey Maid Ice Cream Plant         | Los Angeles, CA      |
| 4. Knudsen Creamery Facility           | Los Angeles, CA      |
| 5. Safeway Main Distribution Plants    | Santa Fe Springs, CA |
| 6. Safeway Meat Warehouse              | Los Angeles, CA      |
| 7. Thrifty Drugs Ice Cream Plant       | Los Angeles, CA      |

### GOVERNMENT PROJECTS

- |  |                    |
|--|--------------------|
| 1. Administration and Motor Pool Complex | Camp Pendleton, CA |
| 2. General Services Building             | Camp Pendleton, CA |
| 3. Navy-Marine Training Center           | Los Angeles, CA    |
| 4. United States Postal Facility         | Chula Vista, CA    |
| 5. United States Postal Facility         | Inglewood, CA      |
| 6. United States Postal Facility         | La Mirada, CA      |
| 7. United States Postal Facility         | San Francisco, CA  |
| 8. Yuma Test Station                     | Yuma, AZ           |

### SPECIAL PROJECTS

- |   |                        |
|---|------------------------|
| 1. General Dynamics Missile Testing and Assembly Facility | San Diego, CA          |
| 2. Hertz Rent-A-Car                                       | Los Angeles<br>Airport |
| 3. Hollywood Race Track                                   | Inglewood, CA          |
| 4. Northrop Flight Simulator and Computer Building        | El Segundo, CA         |
| 5. Northrop Observation Deck                              | Hawthorne, CA          |
| 6. J. C. Penney Satellite Communication Facility          | Buena Park, CA         |
| 7. PSA Ticket Office                                      | Los Angeles, CA        |
| 8. Truck Tunnel Extension                                 | Aneheim, CA            |
| 9. TWA Ticket Office                                      | Los Angeles, CA        |
| 10. United States Naval Observatory                       | Flagstaff, AZ          |
| 11. Yellow Cab Company                                    | Los Angeles, CA        |



REPRESENTATIVE PROJECTS

MAJOR DEPARTMENT STORES

- |                                      |                     |
|--------------------------------------|---------------------|
| 1. Bonwit Teller                     | Palm Desert, CA     |
| 2. Buffums                           | Manhattan Beach, CA |
| 3. Buffums                           | Long Beach, CA      |
| 4. Gottschalks                       | Merced, CA          |
| 5. I. Magnis                         | Palm Springs, CA    |
| 6. May Company                       | Montclair, CA       |
| 7. Montgomery Ward                   | Beaverton, OR       |
| 8. Montgomery Ward                   | San Mateo, CA       |
| 9. J. C. Penney                      | Cedar Rapids, ID    |
| 10. J. C. Penney                     | Long Beach, CA      |
| 11. J. C. Penney                     | Ogden, UT           |
| 12. J. C. Penney                     | San Mateo, CA       |
| 13. Saks Fifth Avenue - Warner Ranch | San Fernando, CA    |
| 14. Sears                            | Salinas, CA         |
| 15. Sears                            | Santa Rosa, CA      |

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(213) 318-1648

## REPRESENTATIVE CLIENTS

### ARCHITECTS

1. Archisystems
2. Millard Archuleta Associates
3. Robert L. Carli and Associates
4. Robert Clements and Associates
5. Daniel L. Dworsky, F.A.I.A.
6. Charles Kober Associates
7. Luckman Partnership
8. McClellan, Cruz, Gaylord
9. Rochlin and Baran Associates
10. George Vernon Russell

### OWNERS

1. City of Hope
2. Federal Reserve Bank
3. Ernest W. Hahn, Inc.
4. Hollywood Race Track
5. Litton Industries
6. Montgomery Ward
7. J. C. Penney
8. Premore Corporation
9. Sears Roebuck and Company
10. Summa Corporation
11. United States Marine Corps
12. United States Navy
13. United States Postal Service
14. WED Enterprises

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(213) 318-1648

**Lawrence Reed Moline ASLA  
Landscape Architect  
1119 Colorado Avenue  
Santa Monica  
California 90401  
Tele: (213) 393-0168**

March 7, 1983

Mr. Jack Campbell  
Millard Archuleta Associates  
7440 North Figueroa Street  
Los Angeles, CA 90041

Re: Southern California Rapid Transit District

Dear Jack:

We are very interested in becoming a part of your architectural team for one or more of the rapid transit projects now under discussion.

Our extensive experience in regional shopping centers (over 20 completed) qualifies us in many ways for the selection and layout of landscape items when placed in very active public spaces. (A successful shopping center will have as much pedestrian traffic in a year as Disneyland.)

This knowledge through experience will insure that our landscape concepts will endure the stresses that close, heavy public use will produce.

My firm was established in 1969 in the City of Los Angeles and has continued uninterrupted as a viable professional practice since that date.

Other than regional shopping centers, such as The Oaks in Thousand Oaks and the Los Cerritos Center in Cerritos, the firm has completed the Watt Office Towers in Century City, the Parson's World Headquarters in the redevelopment section of Pasadena, and parking structures for the cities of Beverly Hills (Bedford); Hayward (City Center); Santa Rosa (Santa Rosa Plaza); and Sunnyvale (Sunnyvale Towncenter).

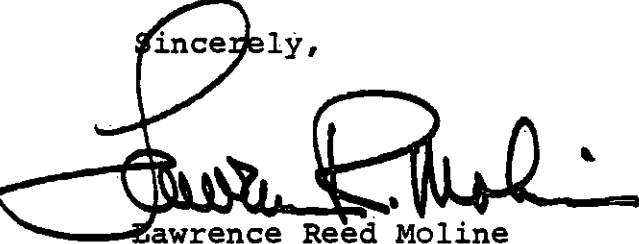
We are currently providing landscape architectural services for the University Towne Centre (San Diego); the regional shopping center in Corte Madera; an office complex abutting a lagoon in Redwood City; corporate facilities in Ventura and Culver City; and a design headquarters for Nissan Motors in San Diego.

Mr. Jack Campbell  
Millard Archuleta Associates  
Re: Southern California Rapid  
Transit District  
March 7, 1983  
Page Two

The firm employs seven (7) professionals, a staff accountant and a secretary. This staff size, which has been maintained for the past three (3) years, has proven ideal for a close exchange of ideas and control of documents with the ability to provide complete professional service on major projects.

Attached are brief profiles of the key professional staff.

Sincerely,



Lawrence Reed Moline  
President  
Lawrence Reed Moline, Ltd.

LRM:md  
Enclosures

Profile - LAWRENCE R. MOLINE

Studied architecture at University of Southern California; member Architectural Guild-University of Southern California (board member 1977-1981); member American Society of Landscape Architects, Southern California Chapter.

Employed for 10 years by the Robert Herrick Carter, Landscape Architect firm. Eight of those years as Principal-Associate. Founded the firm of Lawrence Reed Moline July 1969. In the 12 years following, the firm's projects received awards from the Southern California Chapter of the American Society of Landscape Architects, the American Nurseryman Association, the California Landscape Contractors Association, city governments and beautification associations.

Current projects of note:

Nissan Design Center - San Diego, California -

Project is under construction, and it incorporates a terraced reflection pool for the administration wing, private gardens for design staff and uniquely designed parking for staff and infrequent visitors. The design makes particular use of the sculptural nature of certain plants and mass planting of shrubs and groundcover for simplicity and harmony with the strongly stated concrete building.

Wilshire Palisades Office Building -

A very significant structure overlooking the Pacific Ocean in Santa Monica. Completed last year, this building and its street level planted terraces have received much attention by the Los Angeles Times and by the professional community. The terrace incorporates a mini-amphitheater (bowl) for small public gatherings with seating provided on grassed slopes and broad edged planters. Geometric layout well read from overlooking office floors has featured an architectural stream of boulders and pebbles which terminates in a circular lily pond.

Parsons World Headquarters -

This complex of office towers in the Pasadena redevelopment area was completed in 1975. This international engineering firm incorporates a special carriage entry for visiting foreign clients and was the result of a joint design effort between the architect and the landscape architect, as were the parking lots and the special berming for screening of cars. Plan features both ever-green and deciduous flowering trees, and intensive use of shade trees for employee's cars.

PROFILE - M. BRANDT MAUGHAN

Bachelor of Landscape Architecture Utah State University. Certificate of Merit, 1976-77 American Society of Landscape Architects, Utah Chapter, as well as other student awards. Member American Society of Landscape Architects, San Diego Chapter. Became an employee of the firm in 1977. Licensed Landscape Architect in the State of California and Associate of the firm since 1979.

Well experienced in all aspects of the profession of landscape architecture from design and client presentations to contract administration. The following projects were the responsibility of Brandt:

Santa Rosa Towncenter -

A regional shopping center in Northern California located in that city's redevelopment area. This urban center is built on approximately 60 acres utilizing parking structures and 2-level shopping mall. Plan provides an exterior plaza which interfaces with existing shopping facilities and provides seating and gathering space for civic events. A pedestrian link is provided through the enclosed mall to a small linear plaza on the opposite side of the center to another commercial area west of this property. Interior trees, parapet planting and other urban uses for plants characterize the design.

Palm Desert Town Center -

The single largest commercial development in the desert area of Palm Springs to Indio. Approximately 90 acres of buildings, parking and landscaping. The project now under construction utilizes grass berms of gentle undulations and curvilinear walk to separate the parking lots from the surrounding streets. An intensive use of trees to provide shade for parked cars is provided, and a large tree covered, terraced plaza is featured. Interior planting of trees and lower foliage are a major contribution to the use of the commercial areas. The total cost for landscape grading, planting and landscape sprinklers is 1.7 million.

Watt Plaza -

A Century City (Los Angeles) urban development consisting of two 23 story office towers and a large parking garage. All planting areas occur over basement areas and are backfilled with a special planting mix. Specimen trees were placed in seat planters incorporating design elements of the architecture thus providing for public use of the plaza and the landscape environment.

Profile - DAVID K. LARKINS

Bachelor of Landscape Architecture Michigan State University  
1978; 1983 candidate for State of California license as  
landscape architect. Employee since 1979.

Strong urban designer; has experience in parking lot layout  
and circulation, "people spaces", such as plazas and court-  
yards and mini-parks. The components of these designs include  
water features (streams, pools and fountains), terraces, stair  
systems, architectural planters, bollards, light fixtures  
(custom and catalog items) and portable planters.

Currently responsible for preliminary and concept design for:

Redwood Shores -

13.5 acre property. 2-4 story office buildings and free-  
standing restaurant sited on a saltwater lagoon in Redwood City  
(San Francisco area). Scope includes: Parking lot and  
circulation layout; central plaza with water feature, shade  
structures and lagoon overlook. Landscape planting patterns  
and path system along lagoon setback.

CDM Office Building and Warehouse - Ventura, CA -

Corporate headquarters for fashion firm on a 13.3 acre site.  
Design of all elements outside building footprint. Approved  
preliminary plan provides for extensive water feature which  
delineates a moderately sized recessed terrace which incorporates  
the provision for a major sculpture piece. This same composition  
of elements are reshaped to provide for an employee dining  
terrace on the opposite side of the office building.

Filmcorp Center, Culver City, CA -

Location for film industry office center. 8 story building  
having a full height atrium/lobby featuring mature sized trees  
and balcony planting. All planting will take place over  
structure, necessitating special planting mixtures, water-  
proofing and drainage systems. Drip irrigation systems and  
conventional sprinklers will be utilized. A special water  
cascade is being designed to function as a centerpiece for the  
carriage entrance. Special paving materials and tree bosque's  
will detail the exterior public areas with terraced archi-  
tectural planters uniting the base of the building to the walk  
areas on two sides.

/md  
1/25/83

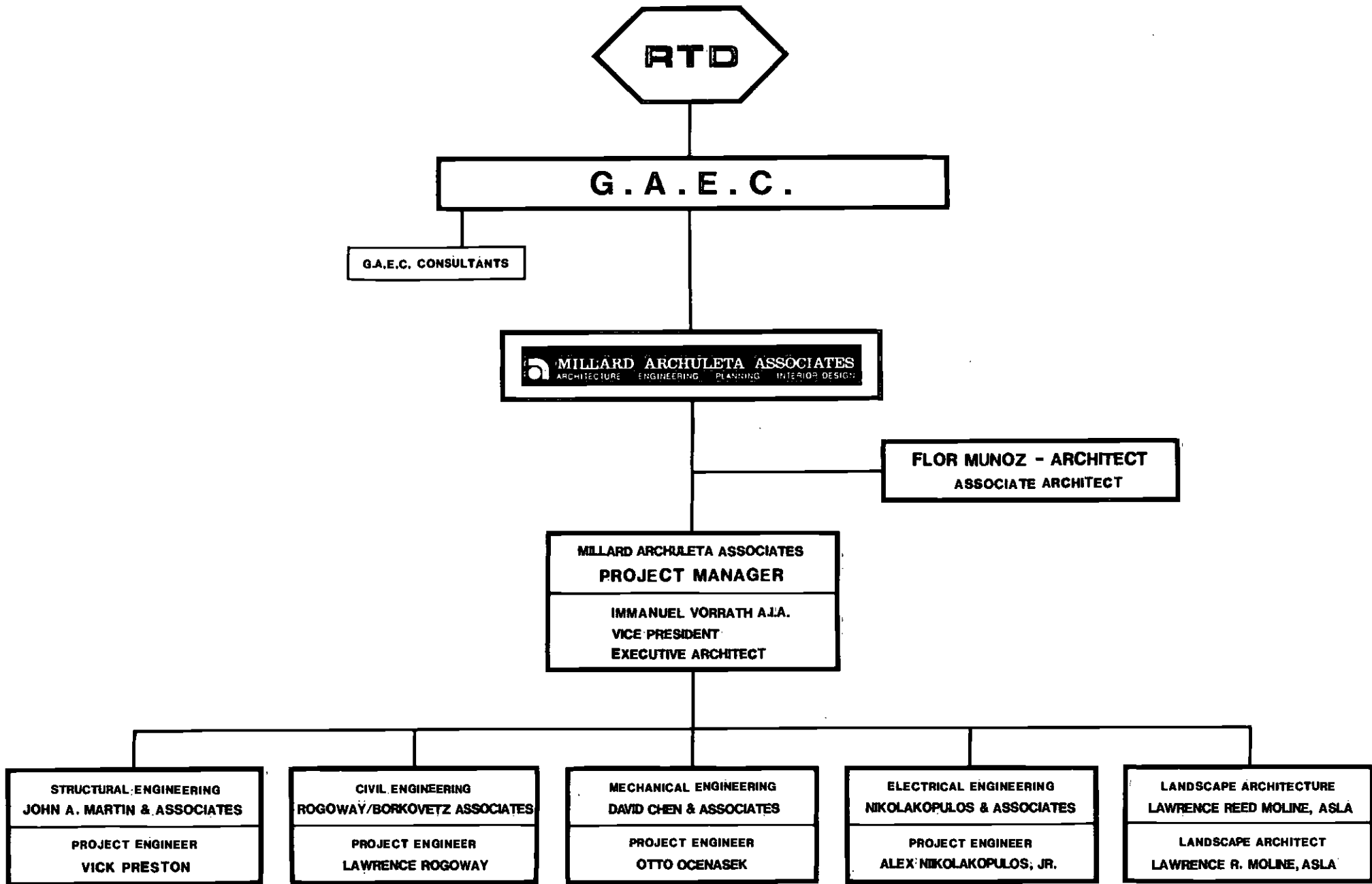
PROJECT ORGANIZATION AND MANAGEMENT PLAN

Millard Archuleta Associates (MBE) as the Prime Contractor with the GAEC, will head the Project Team. Flor Munoz - Architect (WBE) as Associate Architect, will share space with Millard Archuleta Associates in Los Angeles for the performance of their work.

The Consulting Engineers for Structural, Civil, Mechanical and Electrical Engineering and our Consultant for Landscape Architectural Design, will perform as Sub-Contractors to Millard Archuleta Associates. All firms are located in Los Angeles.

Please see the proposed organizational chart.





ENCLOSURE 16

CONTRACT PREFERENCE LIST

<u>PHASE I</u>	<u>CONTRACT</u>	<u>Phase I Numerical Preference</u>
A-140	Tunnel segment between Union Station & 7th/Flower Station, including Civic Center & 5th/Hill Stations	-
A-165	7th/Flower Station	1
A-170	Tunnel segment from 7th/Flower to Wilshire/Vermont, including the Station at Wilshire/Alvarado	-
A-195	Wilshire/Vermont Station	2
<u>PHASE II</u>	<u>CONTRACT</u>	<u>Phase II Numerical Preference</u>
A-220	Tunnel segment between Wilshire/Vermont & Wilshire/LaBrea, including the Wilshire/Normandie & Wilshire/Western Stations.	-
A-245	Wilshire/LaBrea Station and Pocket Track	5
A-250	Tunnel segment from Wilshire/LaBrea to Fairfax/Beverly, including the Wilshire/Fairfax Station	-
A-275	Fairfax/Beverly Station	4
A-310	Tunnel segment from Fairfax/Beverly to Hollywood/Cahuenga, including the Fairfax/Santa Monica & LaBrea/Sunset Stations	-
A-350	Hollywood/Cahuenga Station and Pocket Track	3
A-410	Tunnel segment from Hollywood/Cahuenga to Universal City Station	-
A-425	Universal City Station	2
A-430	Tunnel segment between Universal City Station & North Hollywood Station	-
A-445	North Hollywood Station & End Line Storage Tract	1

NOTE: Contract A-100, Central Yards and Shops is to be awarded to DMJM/PBQ&D and Contract A-135, Union Station is to be awarded to Harry Weese & Associates.

MBE/WBE COMMITMENT DATA

Millard Archuleta Associates is a minority owned Architectural/Engineering firm (MBE) with a 60% minority ownership. Our qualifications for this MBE designation are currently submitted to the RTD for confirmation. Millard Archuleta Associates, as noted in this submission, will act as a Prime Contractor with the GAEC to perform 40% or more of the work effort.

Flor Coronado Munoz - Architect, is a Woman Business Enterprise (WBE) owned 100% by Mrs. Munoz. Her firm will perform as an Associate Architect with Millard Archuleta Associates sharing space within the offices of Millard Archuleta Associates in Los Angeles for the performance of her firm's work. It is estimated that her firm's contribution will approximate 14% to 17% of the Architectural/Engineering effort, under the responsibility of Millard Archuleta Associates.

Our remaining consultants listed in this submission do not qualify as MBE or WBE firms, with the exception of the Mechanical Engineer, David Chen & Associates, who is 100% minority owned. David Chen & Associates will be submitting their credentials for a MBE qualification with the RTD.