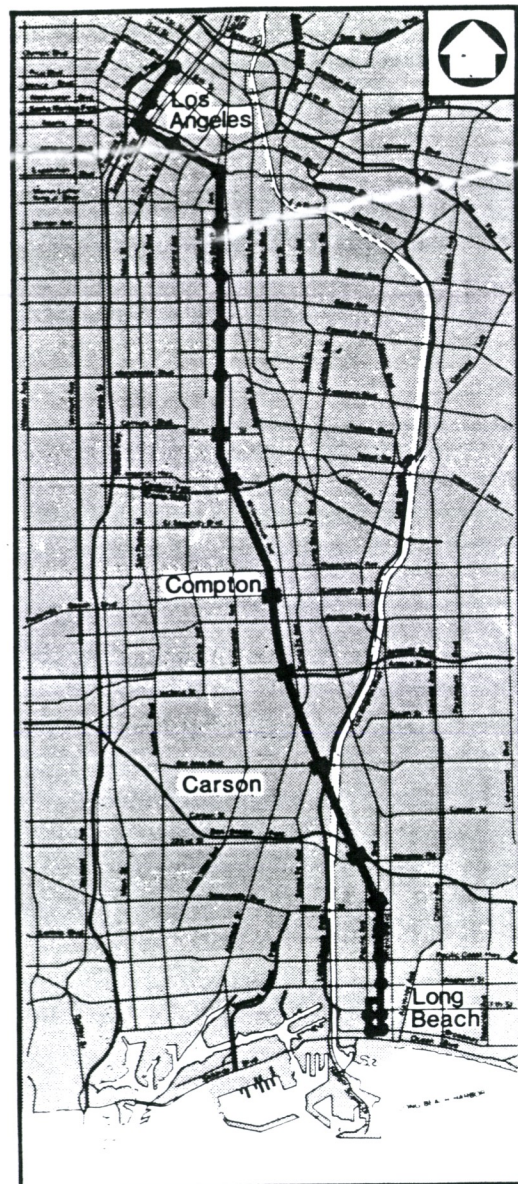




LOS ANGELES COUNTY TRANSPORTATION COMMISSION

LACTC The Long Beach-Los Angeles Rail Transit Project



System Map

LANDSCAPING

CONTRACT NO.
R01-T01-C275

100% REVIEW

**FINAL
DESIGN**

SEP 09 1988

David, Davis, Johnson, & Mann
2250 Ventura Boulevard
Los Angeles, California 90009
Telephone: 213/391-3863

Planning
Architecture
Engineering
Systems
Construction

DMJM



SUBMITTED BY: _____ DATE: _____
PROJECT MANAGER

APPROVED: _____ DATE: _____
DEPUTY PROJECT MANAGER
TRANSIT CONSULTANTS OF SOUTHERN CALIFORNIA

ACCEPTED: _____ DATE: _____
DIRECTOR, DESIGN & CONSTRUCTION
LOS ANGELES COUNTY TRANSPORTATION COMMISSION

GENERAL DRAWINGS

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LANDSCAPE DRAWINGS

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SEP 09 1988

Project Number	
Cost Element	
Line Item	
Contract Designator	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	SUB	APP.
01	88	ISSUED FOR BIDS			

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DESIGNED BY
S. FIORENZA
DRAWN BY
S. FIORENZA
CHECKED BY
J. Williams
APPROVED BY
J. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS Transit Consultants of Southern California
A Joint Venture of:
Parsons Brinckerhoff Quade & Douglas, Inc.
Daniel Mann, Johnson & Mendenhall
Kaiser Engineers (California) Corp.
North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING

INDEX OF DRAWINGS

CONTRACT NO. M01 T01 0275	
DRAWING NO. GI-7100	
REV.	SHEET NO. 1
SCALE NONE	

GENERAL

NOTES

1. THE WORK OF THIS CONTRACT SUPPLIES & INSTALLS ALL PLANT MATERIALS AT PASSENGER STATION, PARK-AND-RIDE, TRACTION POWER SUBSTATION AND R.O.W. SITES IDENTIFIED IN THESE DRAWINGS. THE WORK INCLUDES ALL FINISH GRADING, SOIL PREPARATION, PLANT INSTALLATION AND HYDROSEEDING AND THE MAINTENANCE OF SAME AS CALLED FOR IN THE SPECIFICATIONS. THIS CONTRACT ALSO INCLUDES THE PURCHASE OF SELECTED PLANT MATERIALS. ~~PLANT MATERIALS NOT INCLUDED IN THIS CONTRACT WILL BE PURCHASED THROUGH A SEPARATE PLANT-PROCUREMENT PACKAGE.~~ THIS CONTRACT DOES NOT INCLUDE IRRIGATION, PAVING, FENCING, LIGHTING, OR SIGNAGE AND GRAPHICS. IRRIGATION WORK IS INCLUDED WITH THE STATION SUPERSTRUCTURE CONTRACTS-- C-265 AND C-335.

SPECIFICATIONS BOUND SEPARATELY ARE PART OF THESE DOCUMENTS. ALL ADDENDA, CHANGE ORDERS, BULLETINS AND NOTICES, IF ANY, ISSUED LATER, SHALL BE CONSIDERED AS PART OF THE WORK.

2. THERE ARE SEVERAL DIFFERENT CONTRACTED WORKS UNDER CONSTRUCTION SIMULTANEOUSLY. THESE CONTRACTED WORKS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
 1. L.A. AND MID CORRIDOR STATIONS: R01-T01-C265
 2. LONG BEACH SUPERSTRUCTURES: R-01-T01-C335
 3. CENTRAL CONTROL FACILITY: R01-T01-C245
 4. LRT TRACKWORK INSTALLATION: R01-T01-C258
 5. SIGNAGE AND GRAPHICS: R01-T01-H860
 6. FENCING: R01-T01-C495
 7. TRACTION POWER SUPPLY SYSTEM: R01-T06-H811
 8. TPS/S AND C/S CIVIL SITE WORK: R01-T01-C4700
3. ADDITIONAL CONTRACTED WORKS AFFECTING SURFACE AND UNDERGROUND UTILITY LOCATIONS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
 1. LA CBD APPROACH LINE SECTION: R01-T01-C140
 2. MID CORRIDOR SITE WORK AND RAILROAD RELOCATION-- SATELLITE YARD TO LOS ANGELES RIVER BRIDGE: R01-T01-C2125
 3. LA RIVER BRIDGE TO WILLOW ST.: R01-T01-C315
 4. WILLOW STATION TO OCEAN BOULEVARD: R01-T01-C325
4. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER CONTRACTORS SO THAT THE WORK AS A WHOLE WILL BE EXECUTED AND COMPLETED WITHOUT CONFLICT OR DELAY OR ADDITIONAL COST TO THE COMMISSION.
5. WORK SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES IN EFFECT. THE MOST RESTRICTIVE SHALL APPLY. ALL SAFETY PROVISIONS SHALL BE STRICTLY ADHERED TO. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN PROPER BARRICADES, RAILINGS, GUARDS, LIGHTS OR ANY OTHER DEVICES NECESSARY FOR THE PROTECTION OF LIFE AND PROPERTY.
6. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS AND VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. THE CONSTRUCTION MANAGER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR THE NEED FOR CLARIFICATIONS.
7. ANY DEVIATIONS WHICH ARE NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER PRIOR TO COMMENCEMENT OF WORK.
8. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.

9. THE CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION OR PLANTING WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
10. ALL PLANTING AREAS SHALL BE SLOPED AWAY FROM BUILDINGS AT 2% MINIMUM FOR A MINIMUM OF 5' WHERE APPLICABLE.
11. FINISH GRADE ADJACENT TO BUILDING SLABS SHALL BE AS SHOWN PER CIVIL ENGINEER'S GRADING PLAN.
12. PLANT QUANTITIES SPECIFIED SHALL TAKE PRECEDENCE OVER PLANT SYMBOLS.
13. ALL TREES SHALL BE SINGLE TRUNK STANDARDS UNLESS OTHERWISE NOTED.
14. ALL TREES AND SHRUBS SHALL BE INSTALLED PRIOR TO PLANTING OF GROUND COVER.
15. ALL TREES SHALL BE LOCATED MINIMUM 5' FROM WALLS, OVERHEADS, WALKS, HEADERS AND OTHER TREES WITHIN THE PROJECT. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS, CONTRACTOR SHALL CONTACT CONSTRUCTION MANAGER FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE CONSTRUCTION MANAGER WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE THE MATERIALS.
16. ALL TREES 24" BOX SIZE AND LARGER SHALL BE PLANTED BEFORE MAINLINES AND LATERAL LINES ARE INSTALLED (CONTRACTOR SHALL COORDINATE WITH C-265 IRRIGATION SUBCONTRACTOR).
17. ALL VINES SHALL BE SECURED TO ADJACENT FENCING WITH GREEN PLASTIC STRETCH TAPE AND TO ADJACENT WALLS WITH GREEN PLASTIC STRETCH TAPE AND HARDWARE ADEQUATE TO SUPPORT THEM.
18. ALL PLANTING AREAS SHALL BE COMPLETELY FILLED WITH GROUND COVER.

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FINAL DESIGN

SEP 09 1988

Project Number	
Cost Element	
Line Item	
Contract Designator	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
	10/22/88	ISSUED FOR BIDS		

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DESIGNED BY
S. PEARSON

DRAWN BY
S. FIORENZA

CHECKED BY
J. Williams

APPROVED BY
S. Pearson

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS
Transit Consultants of Southern California

A Joint Venture of:
Parsons Brinckerhoff Quade & Douglas, Inc.
Dames Moore, Johnson & Mendenhall
Kaiser Engineers (California) Corp.
North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING

GENERAL NOTES

CONTRACT NO. R01-T01-C275	
DRAWING NO. LN-7100	
REV.	SHEET NO. 2
SCALE NONE	

ABBREVIATIONS

STANDARD SYMBOLS

APPROX.	APPROXIMATE	EQUIP.	EQUIPMENT	PT.	POINT
AVE.	AVENUE	EXP.	EXPANSION	P.L.	PROPERTY LINE
& - ¢	AND	E.J.	EXPANSION JOINT	PROJ. MGR.	PROJECT MANAGER
@	AT	EXT.	EXTERIOR	%	PERCENT
AUTO.	AUTOMATIC	EXIST.	EXISTING	RD.	ROAD
ADJ.	ADJACENT	FIN.	FINISH	REQ'D.	REQUIRED
ASPH.	ASPHALT	F.G.	FINISH GRADE	R.R.	RAILROAD
A.C.	ASPHALTIC CONCRETE	F.S.	FINISH SLAB	RWD.	REDWOOD
BIT.	BITUMINOUS	F.H.	FIRE HYDRANT	∅	ROUND
BLK.	BLOCK	F.L.	FLOW LINE	R.O.W.	RIGHT-OF-WAY
BLDG.	BUILDING	FT.	FOOT	R/W	RIGHT-OF-WAY
CALTRANS	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	GALV.	GALVANIZED	SEC.	SECTION
C.B.	CATCH BASIN	GA.	GAUGE	SCH.	SCHEDULE
COL.	COLUMN	G.C.	GROUND COVER	SPECS.	SPECIFICATIONS
CU.FT.	CUBIC FOOT	HT.	HEIGHT	SQ.	SQUARE
CONC.	CONCRETE	HORIZ.	HORIZONTAL	STD.	STANDARD
CRSVR	CROSSOVER	LN.	LANE	SPTC	SOUTHERN PACIFIC TRANSPORTATION COMPANY
CONST.	CONSTRUCTION	I.D.	INSIDE DIAMETER	STRUC.	STRUCTURAL
C.J.	CONSTRUCTION JOINT	INV.	INVERT	SHT.	SHEET
CONT.	CONTINUOUS	JT.	JOINT	ST.	STREET
⊕	CENTERLINE	LRT	LIGHT RAIL TRACK	SB	SOUTH BOUND
COMM.	COMMUNICATION	L.A.	LOS ANGELES	SP.	SPACING
C/S	COMMUNICATION AND SIGNAL	L.A.R.	LOS ANGELES RIVER	STN.	STATION
DET.	DETAIL	MATL.	MATERIAL	TRK	TRACK
DIA.	DIAMETER	MANUF.	MANUFACTURER	T & B	TOP AND BOTTOM
DIM.	DIMENSION	MAX.	MAXIMUM	TYP.	TYPICAL
DEPT.	DEPARTMENT	MIN.	MINIMUM	T.	TREAD
DN.	DOWN	MISC.	MISCELLANEOUS	T.P.S./S.	TRACTION POWER SUBSTATION
DR.	DRIVE	NB	NORTH BOUND	TRI.	TRIANGULAR
DWG.	DRAWING	N.I.C.	NOT IN CONTRACT	U.B.C.	UNIFORM BUILDING CODE
DBL.	DOUBLE	N.T.S.	NOT TO SCALE	VERT.	VERTICAL
D.W.P.	DEPARTMENT OF WATER AND POWER	NO.	NUMBER	V.B.	VALVE BOX
EA.	EACH	O.C.	ON CENTER	W/	WITH
ELECT.	ELECTRIC	O.C.S.	OVERHEAD CONTACT SYSTEM	W/O	WITHOUT
EL.	ELEVATION	OPNG.	OPENING	WD.	WOOD
EQ.	EQUAL	OPP.	OPPOSITE		
EQUIV.	EQUIVALENT	PROP.	PROPERTY		
		PL.	PLACE		

	CENTERLINE
	CHANNEL
	CONTOUR LINES
	CURB
	CURB AND GUTTER
	DETAIL
	DRAINAGE SWALE
	EARTH
	FENCE (CHAIN LINK OR STEEL PICKET)
	FENCE (STEEL PICKET)
	FLOW OR DIRECTION OF FLOW
	GATE
	MATCH LINE
	O.C.S. POLE
	PLANT CALLOUT
	POINT OF CURVATURE
	PROPERTY LINE OR RIGHT-OF-WAY
	RIGHT-OF-WAY
	ROAD (GRAVEL OR DIRT)
	SLOPE
	STREET LIGHT
	TRIANGULAR
	WALL OR RETAINING WALL

100% REVIEW

**FINAL
DESIGN**

SEP 09 1988

Project Number	
Cost Element	
Line Item	
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Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
00-11-88		ISSUED FOR BIDS		

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DESIGNED BY
S. FIORENZA

DRAWN BY
S. FIORENZA

CHECKED BY
A. Williams

APPROVED BY
J. Pearson

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 The Long Beach-Los Angeles Rail Transit Project

Yarosl Consultants of Southern California
A Joint Venture of
 Parsons Brinckerhoff Quade & Douglas, Inc. -
 Daniel Mann, Johnson & Mendenhall -
 Kaiser Engineers (California) Corp. -
 North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING	
ABBREVIATIONS & SYMBOLS	
CONTRACT NO. ROI-TOI-C275	
DRAWING NO. LN-7101	
REV.	SHEET NO. 3
SCALE NONE	

PLANT

SCHEDULE

NOTE:

Plant materials may vary by site according to height, floral color, spacing and other characteristics. See individual drawings for characteristics specific to each site.

Symbol	Botanical Name	Common Name	Symbol	Botanical Name	Common Name	Symbol	Botanical Name	Common Name
Trees-			Shrubs-			Ground Cover-		
T - 1	Koelreuteria bipinnata	Chinese Flame Tree	S - 1	Nerium oleander 'Petite Pink'	Oleander	G - 1	Gazania	
T - 2	Jacaranda mimosifolia	Jacaranda	S - 2	Nerium oleander 'Casa Blanca'	Oleander	G - 2	Potentilla verna	Cinquefoil
T - 3	Cupaniopsis anacardioides	Carrot Wood	S - 3	Nerium oleander 'Mrs. Roeding'	Oleander	G - 3	Vinca minor	Dwarf Periwinkle
T - 4	Photinia fraseri	Photinia	S - 4	Nerium oleander 'Sister Agnes'	Oleander	G - 4	Hedera helix 'Hahni'	Hahn's Ivy
T - 5	Raphiolepis indica 'Majestic Beauty'	India Hawthorn	S - 5	Escallonia 'Newport Dwarf'		G - 5	Carissa grandiflora 'Green Carpet'	Natal Plum
T - 6	Melaleuca leucadendra	Cajeput Tree	S - 6	Raphiolepis indica 'Clara'	India Hawthorn	G - 6	Deleted	
T - 7	Washingtonia robusta	Mexican Fan Palm	S - 7	Raphiolepis indica 'Pinkie'	India Hawthorn	G - 7	Convolvulus mauritanicus	Ground Morning Glory
T - 8	Washingtonia filifera	California Fan Palm	S - 8	Raphiolepis indica 'Coates Crimson'	India Hawthorn	G - 8	Ilex cornuta 'Dazzler'	Chinese Holly
T - 9	Phoenix canariensis	Canary Island Date Palm	S - 9	Deleted		G - 9	Aspidistra elatior	Cast Iron Plant
T - 10	Tristania conferta	Brisbane Box	S - 10	Agapanthus 'Peter Pan'	Lily-of-the-Nile	G - 10	Liriope muscari 'Silvery Sunproof'	
T - 11	Tabebuia ipe	Tabebuia	S - 11	Agapanthus 'Dwarf White'	Lily-of-the-Nile	Vines-		
T - 12	Eucalyptus citriodora	Lemon-Scented Gum	S - 12	Xylosma congestum 'Compacta'	Shiny Xylosma	V - 1	Grewia caffra	Lavender Starflower
T - 13	Schinus molle	California Pepper Tree	S - 13	Plumbago capensis	Cape Plumbago	V - 2	Parthenocissus tricuspidata	Boston Ivy
T - 14	Cercis occidentalis	Western Redbud	S - 14	Carissa grandiflora	Natal Plum	V - 3	Ficus Pumila	Creeping Fig
T - 15	Podocarpus gracilior	Fern Pine	S - 15	Nerium oleander 'White'	Oleander			
T - 16	Nerium oleander 'Sister Agnes'	Oleander	S - 16	Ilex Vomitoria 'Stokes Dwarf'	Yaupon			
T - 17	Acacia melanoxylon	Blackwood Acacia	S - 17	Bougainvillea spectabilis				
T - 18	Prunus 'Krauter Vesuvius'	Flowering Plum	S - 18	Aucuba japonica	Japanese Aucuba			
T - 19	Arbutus unedo	Strawberry Tree	S - 19	Clivia miniata	Kaffir Lily			
T - 20	Cassia leptophylla	Gold Medallion Tree	S - 20	Liriope muscari 'Majestic'	Big Blue Lily Turf			
T - 21	Archontophoenix cunninghamiana	King Palm	S - 21	Hemerocallis hybrid	Day Lily			
T - 22	Eucalyptus Rudis		S - 22	Dietes bicolor	Fortnight Lily			
			S - 23	Pittosporum tobira 'Wheeler's Dwarf'				
			S - 24	Deleted				
			S - 25	Carissa grandiflora 'Tuttle'	Natal Plum			
			S - 26	Tecomaria capensis	Cape Honeysuckle			
			S - 27	Cortaderia selloana	Pampas Grass			
			S - 28	Pennisetum setaceum 'Rubrum'	Fountain Grass			
			S - 29	Deleted				
			S - 30	Agapanthus africanus	Lily-of-the-Nile			
			S - 31	Trachelospermum jasminoides	Star Jasmine			
			S - 32	Pittosporum tobira 'Variegata'	Variegated Tobira			
			S - 33	Escallonia rubra				
			S - 34	Agapanthus 'Queen Anne'	Lily-of-the-Nile			
			S - 35	Nandina domestica 'Gulf Stream'	Heavenly Bamboo			
			S - 36	Nandina domestica 'Harbor Dwarf'	Heavenly Bamboo			

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FINAL DESIGN

SEP 09 1988

Project Number	10-11-88
Cost Element	
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DESIGNED BY
S FIORENZA
DRAWN BY
S FIORENZA
CHECKED BY
J. Williams
APPROVED BY
J. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

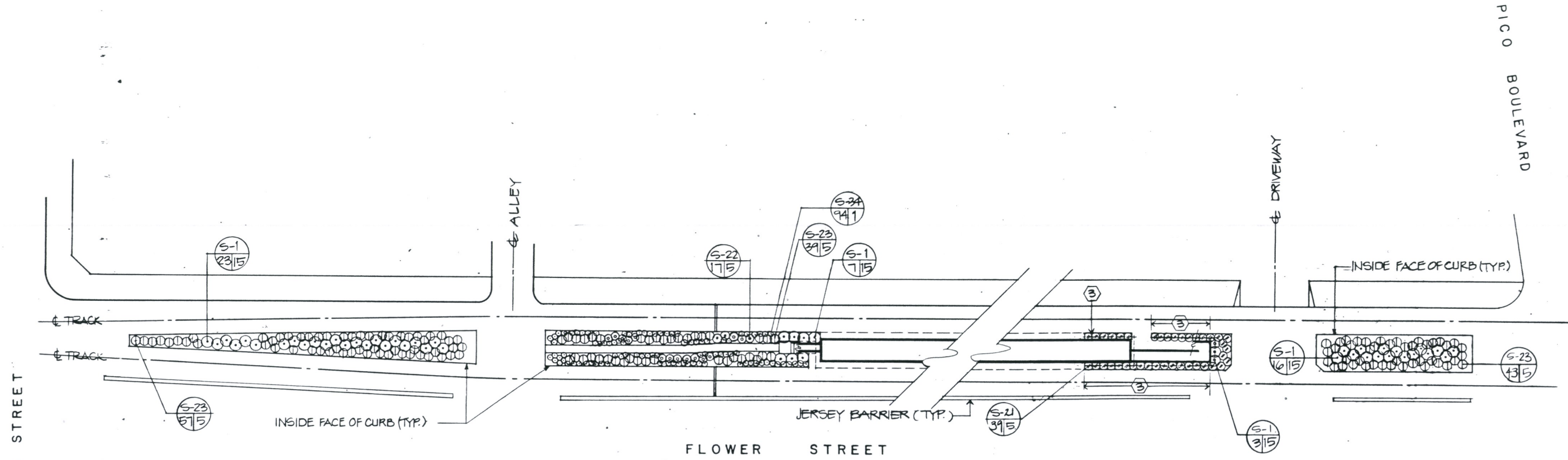
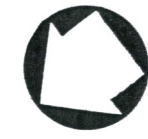
TRANS Transit Consultants of Southern California
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• Daniel, Mann, Johnson & Mendenhall
• Keller Engineers (California) Corp.
• North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING

PLANT SCHEDULE

CONTRACT NO. ROI-T01-C275	
DRAWING NO. LN-7102	
REV.	SHEET NO. 4
SCALE NONE	



PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
SHRUBS		
S-1	NERIUM OLEANDER 'PETITE PINK'	EQUIV.; 30" HT.; YELLOW; PLANT @ 30" O.C.
S-21	HEMEROCALLIS 'CALIFORNIA GARDEN OR APPROVED	
S-22	DIETES BICOLOR	
S-23	PITOSPORUM TOBIRA 'WHEELER'S DWARF'	
S-34	AGAPANTHUS 'QUEEN ANNE'	
GROUNDCOVERS		
G-1	GAZANIA HYBRID 'SHASTA SHOW'	FLATS @ 8" O.C. TRIANGULAR SPACING

- NOTES** - NOTES APPLY TO ALL PLANTED AREAS ON THIS SHEET, EXCEPT WHERE SPECIFIC LOCATIONS ARE INDICATED IN NOTES AND ON DRAWING WITH ○
- ALL PLANTED AREAS TO HAVE G-1 GROUNDCOVER
 - ALL SHRUBS TO BE PLANTED A MINIMUM OF 18" FROM BACK OF CURB (MEASURED FROM CENTER OF PLANT) EXCEPT WHERE NOTE (3) APPLIES
 - SHRUBS TO BE CENTERED IN THIS PLANTER AREA.

100% REVIEW
FINAL DESIGN



Project Number	
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The Long Beach-Los Angeles Rail Transit Project

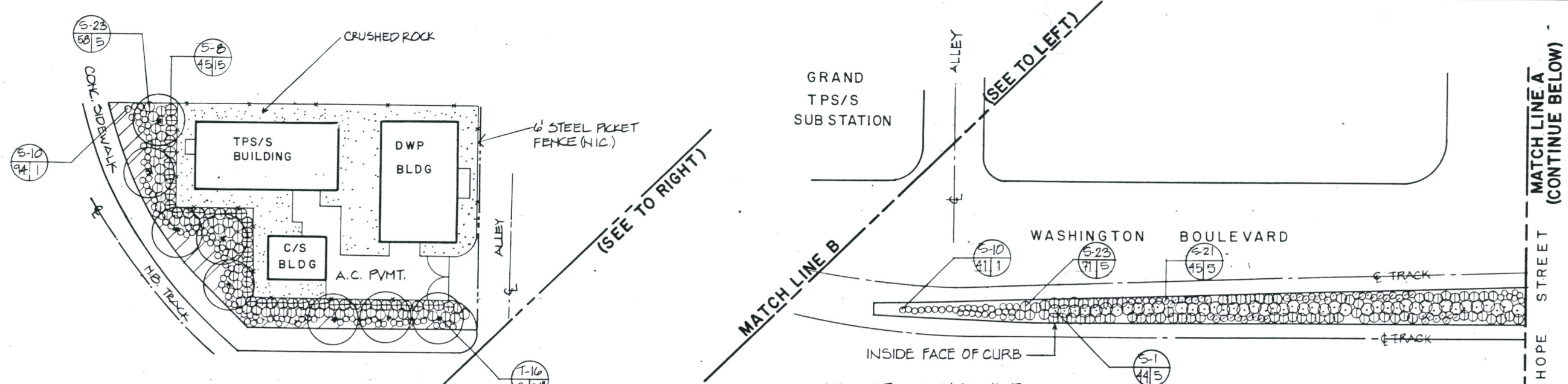
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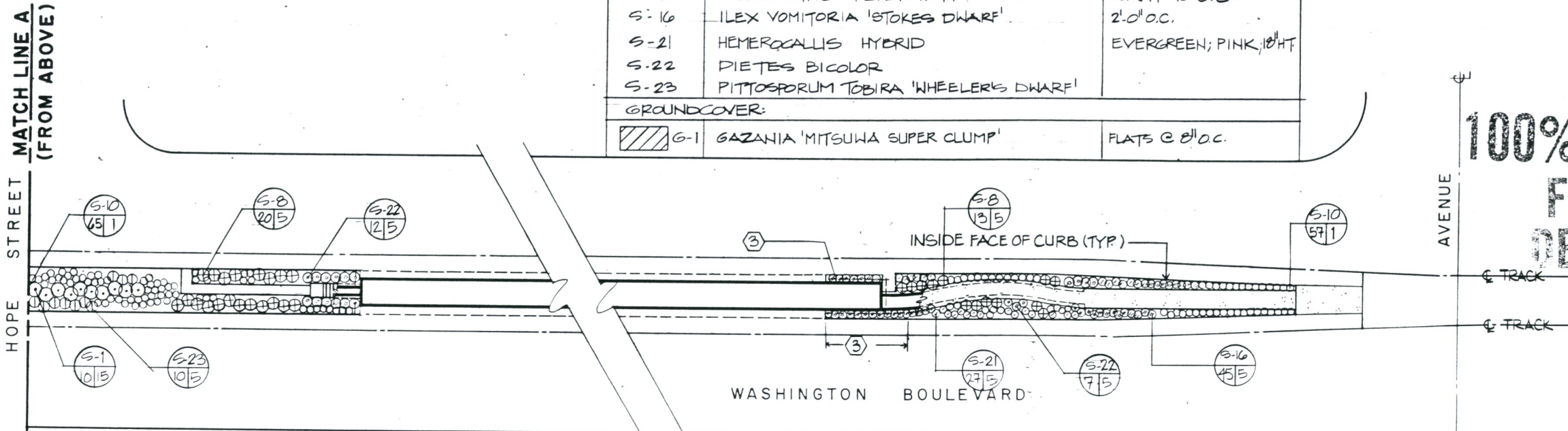
LANDSCAPING
PICO STATION

CONTRACT NO. R01-T01-C-275	
DRAWING NO. LN-7103	
REV.	SHEET NO. 5
SCALE 1" = 20'-0"	



PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES:		
T-16	NERIUM OLEANDER 'SISTER AGNES'	STANDARD
SHRUBS:		
S-1	NERIUM OLEANDER 'PETITE PINK'	PLANT 18" O.C. 2' O.C. EVERGREEN; PINK; 10' HT
S-8	RAPHIOLEPIS 'COATES CRIMSON'	
S-10	AGAPANTHUS 'PETER PAN'	
S-16	ILEX VOMITORIA 'STOKES DWARF'	
S-21	HEMEROCALLIS HYBRID	
S-22	DIETES BICOLOR	
S-23	PITTIOSPORUM TOBIRA 'WHEELER'S DWARF'	
GROUNDCOVER:		
G-1	GAZANIA 'MITSUWA SUPER CLUMP'	FLATS @ 1' O.C.



NOTES:
 NOTES APPLY TO ALL PLANTED AREAS ON THIS SHEET, EXCEPT WHERE SPECIFIC LOCATIONS ARE INDICATED IN NOTES & ON DRAWINGS WITH ○.
 1. ALL PLANTED AREAS TO HAVE G-1 GROUNDCOVER.
 2. ALL SHRUBS TO BE PLANTED A MIN. OF 18" FROM BACK OF CURB (MEASURED FROM CENTER OF PLANT) EXCEPT WHERE NOTE ③ APPLIES.
 ③ SHRUBS TO BE CENTERED IN THIS PLANTER AREA.

**100% REVIEW
 FINAL
 DESIGN**

SEP 09 1988



Project Number	10478
Line Item	ISSUED FOR BIDS
Contract Designator	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
10478	ISSUED FOR BIDS			

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. FIORENZA

DRAWN BY
S. FIORENZA

CHECKED BY
S. Williams

APPROVED BY
J. Pearson

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 The Long Beach-Los Angeles Rail Transit Project

DMJM

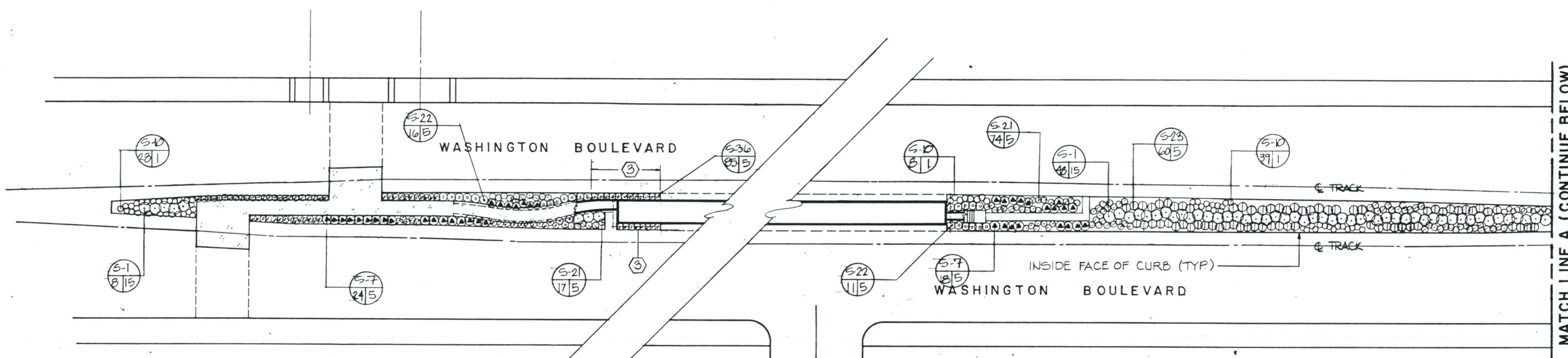
TRANS
 Transit Consultants of Southern California

A Joint Venture of:
 Parsons Brinckerhoff Quade & Douglas, Inc.
 Daniel Mann, Johnson & Mendenhall, Inc.
 Kaser Engineers (California) Corp.
 North Pacific Construction Management

LANDSCAPING

GRAND AVENUE STATION & TPS/S

CONTRACT NO. ROI-TOL-C275	
DRAWING NO. LN-7104	
REV.	SHEET NO. 6
SCALE 1" = 20'-0"	

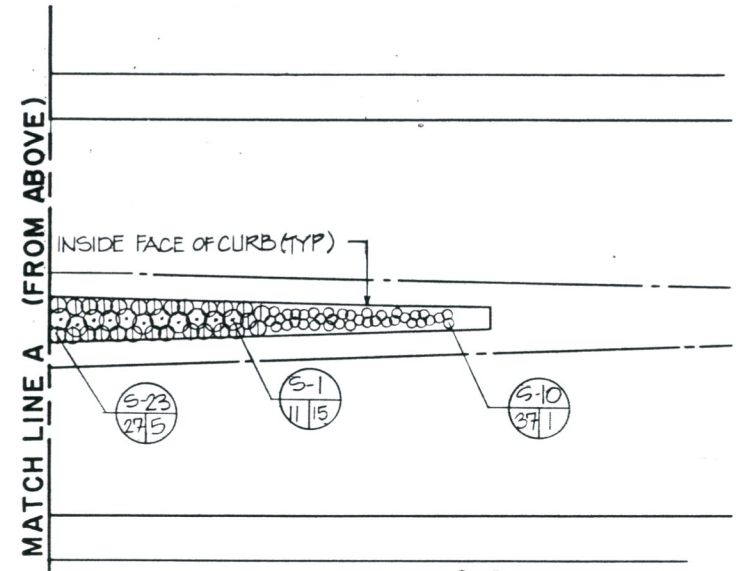
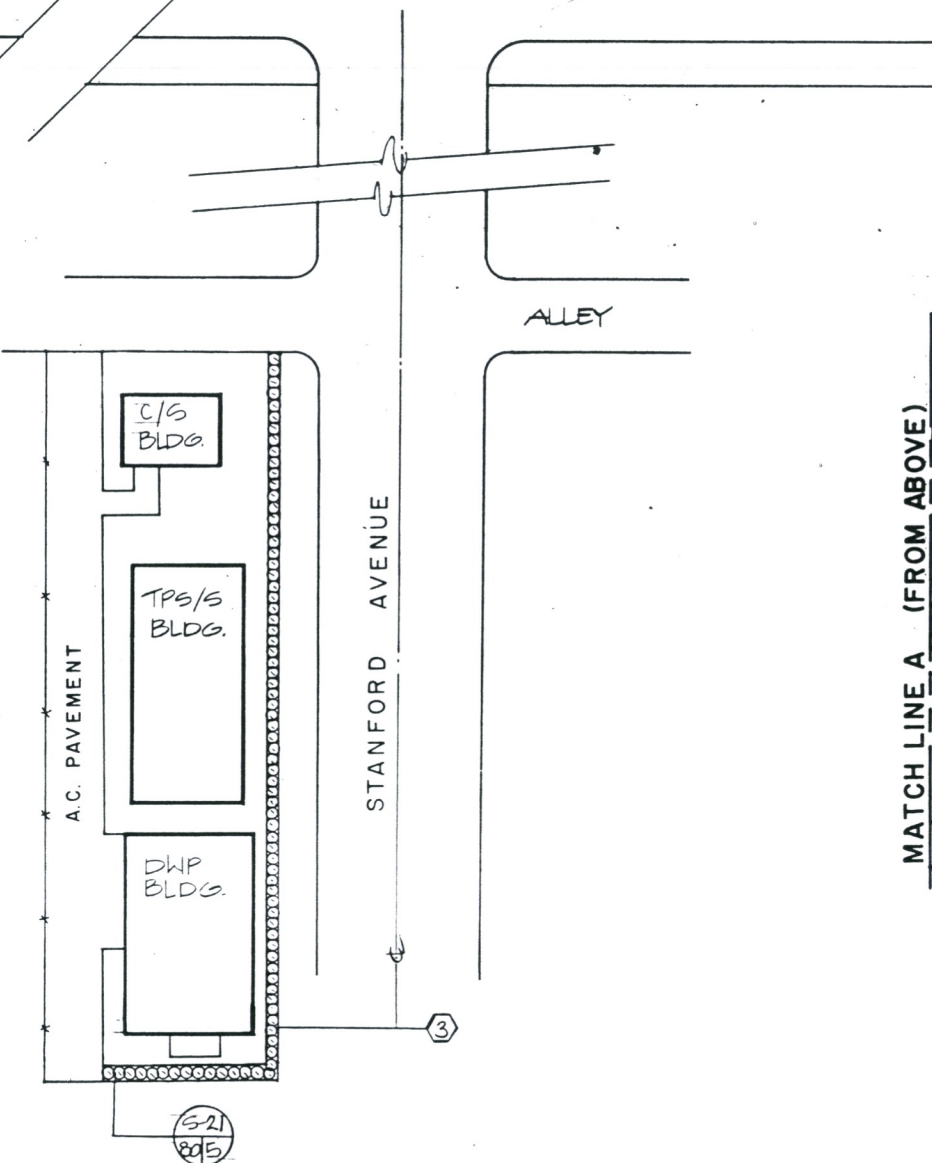


PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
SHRUBS:		
S-1	NERIUM OLEANDER 'PETITE PINK'	
S-7	RAPHIOLEPIS 'PINKIE'	
S-10	AGAPANTHUS 'PETER PAN'	
S-21	HEMEROCALLIS HYBRID	EVERGREEN; RED; 24" HT.
S-22	DIETES BICOLOR	
S-23	PITTOSPORUM TOBIRA 'WHEELER'S DWARF'	
S-36	NANDINA DOMESTICA 'HARBOR DWARF'	
GROUND COVER:		
G-1	GAZANIA 'SHASTA SNOW'	8" O.C. FROM FLATS.

NOTES:

- NOTES APPLY TO ALL PLANTED AREAS ON THIS SHEET; EXCEPT WHERE SPECIFIC LOCATIONS ARE INDICATED IN NOTES & ON DNG. WITH (3).
- ALL PLANTED AREAS TO HAVE G-1 GROUND COVER.
 - ALL SHRUBS TO BE PLANTED A MINIMUM OF 18" FROM BACK OF CURB (MEASURED FROM CENTER OF PLANT), EXCEPT WHERE NOTE (3) APPLIES.
 - SHRUBS TO BE CENTERED IN THIS PLANTER AREA.



100% REVIEW

FINAL DESIGN
SEP 09 1988



Project Number	104788
Line Item	ISSUED FOR BIDS
Cost Element	
Contract Designer	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
104788		ISSUED FOR BIDS		

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DESIGNED BY
S. FIORENZA
DRAWN BY
S. FIORENZA
CHECKED BY
S. Williams
APPROVED BY
J. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

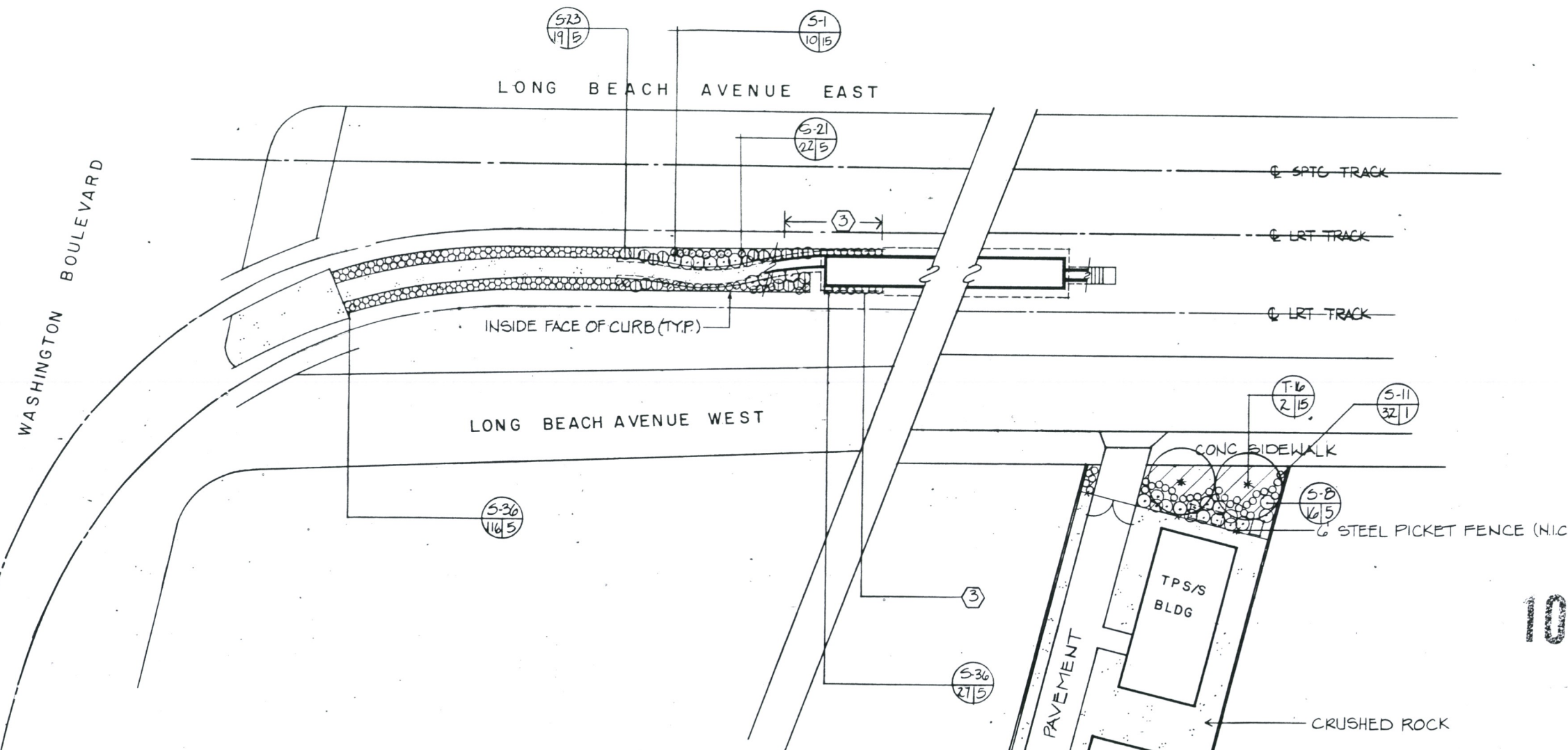
TRANS
A Joint Venture of:
Parsons Brinckerhoff Quade & Douglas, Inc.
Daniel Mann Johnson & Mendenhall
Kaiser Engineers (California) Corp.
North Pacific Construction Management

APPROVED: _____

LANDSCAPING

SAN PEDRO STATION & TPS/S

CONTRACT NO. ROI-T01-C27.5	
DRAWING NO. LN-7105	
REV.	SHEET NO. 7
SCALE 1" = 20'-0"	



100% REVIEW

FINAL DESIGN

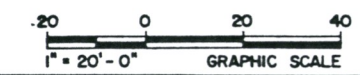
SEP 09 1988

NOTES

- 1. ALL PLANTED AREAS TO HAVE A G-1 GROUND COVER
- 2. ALL SHRUBS TO BE PLANTED A MINIMUM OF 18" FROM BACK OF CURB (MEASURED FROM CENTER OF PLANT) EXCEPT WHERE NOTE ③ APPEARS.
- ③ SHRUBS TO BE CENTERED IN THIS PLANTED AREA.

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES		
T-16	NERIUM OLEANDER 'SISTER AGNES'	STANDARD
SHRUBS		
S-1	NERIUM OLEANDER 'PETITE PINK'	EVERGREEN, 18" HT, RED
S-8	RAPHIOLEPIS 'COATES CRIMSON'	
S-11	AGAPANTHUS 'DWARF WHITE'	
S-21	HEMEROCALLIS HYBRID	
S-23	PITTIOSPORUM TOBIRA 'WHEELER'S DWARF'	
S-36	NANDINA DOMESTICA 'HARBOR DWARF'	
GROUNDCOVERS		
G-1	GAZANIA 'MITSUWA SUPER CLUMP'	FLATS - @ 8" OC, Δ SP.



Project Number	
Cost Element	
Line Item	
Contract Designator	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
10-17-88		ISSUED FOR BIDS		

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. PEARSON
DRAWN BY
S. PEARSON
CHECKED BY
S. WILLIAMS
APPROVED BY
S. PEARSON
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

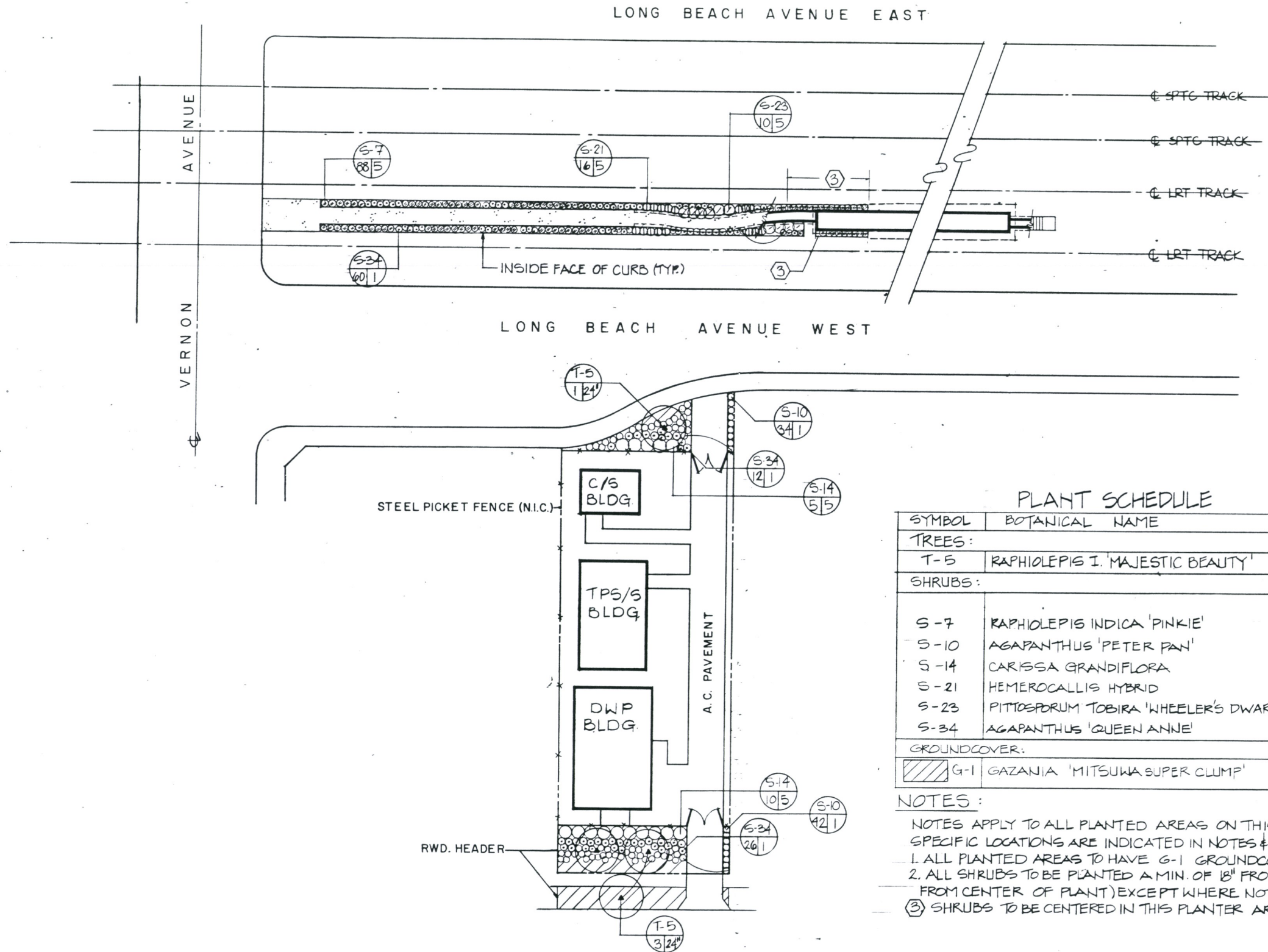
DMJM

TRANS Transit Consultants of Southern California
A Joint Venture of:
Parsons Brinckerhoff Quade & Douglas, Inc.
Daniel Mann Johnson & Mendenhall
Kaiser Engineers (California) Corp.
North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
WASHINGTON STATION & TPS/S

CONTRACT NO. R01-T01-C 275	
DRAWING NO. LN-7106	
REV.	SHEET NO. 8
SCALE 1" = 20'-0"	



100% REVIEW

FINAL DESIGN

SEP 09 1988

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES:		
T-5	RAPHIOLEPIS I. 'MAJESTIC BEAUTY'	STANDARD
SHRUBS:		
S-7	RAPHIOLEPIS INDICA 'PINKIE'	PLANT 2'-0" O.C.
S-10	AGAPANTHUS 'PETER PAN'	18" O.C.
S-14	CARISSA GRANDIFLORA	
S-21	HEMEROCALLIS HYBRID	EVERGREEN, 24" TALL, PINK
S-23	PITTOSPORUM TOBIRA 'WHEELER'S DWARF'	
S-34	AGAPANTHUS 'QUEEN ANNE'	BLUE
GROUND COVER:		
G-1	GAZANIA 'MITSUWA SUPER CLUMP'	8" O.C. FROM FLATS

NOTES:

- NOTES APPLY TO ALL PLANTED AREAS ON THIS SHEET, EXCEPT WHERE SPECIFIC LOCATIONS ARE INDICATED IN NOTES & ON DRAWING WITH (3).
- 1. ALL PLANTED AREAS TO HAVE G-1 GROUND COVER.
- 2. ALL SHRUBS TO BE PLANTED A MIN. OF 18" FROM BACK OF CURB (MEASURED FROM CENTER OF PLANT) EXCEPT WHERE NOTE (3) APPLIES.
- (3) SHRUBS TO BE CENTERED IN THIS PLANTER AREA.



Project Number	1077
Contract Designator	ISSUED FOR BIDS
Line Item	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
1077	ISSUED FOR BIDS			

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY: S. FIORENZA
 DRAWN BY: S. FIORENZA
 CHECKED BY: J. Willoughby
 APPROVED BY: J. Pearson
 DATE: 9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS
 Transit Consultants of Southern California

Submitted: _____ Approved: _____

LANDSCAPING

VERNON STATION & TPS/S

CONTRACT NO. R01-T01-C27.5	
DRAWING NO. LN-7107	
REV.	SHEET NO. 9
SCALE 1" = 20'-0"	



RANDOLPH ST

SLAUSON AVE

LINE OF STRUCTURE ABOVE - CONTINUOUS TO SLAUSON AVENUE

LINE OF STRUCTURE ABOVE - CONTINUOUS TO SLAUSON AVENUE

NB-LRT TRACK

SB-LRT TRACK

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
SHRUBS		
S-10	AGAPANTHUS 'PETER PAN'	
S-8	RAPHIOLEPIS INDICA 'CONTES CRIMSON'	
S-32	PITOSPORUM TOBIRA 'VARIEGATA'	
GROUNDCOVERS		
G-2	POTENTILLA VERNA	@ 8" o.c.
G-10	LIRIOPE MUSCARI 'SILVER SUNPROOF'	@ 15" o.c.

NOTES:

- NOTES APPLY TO ALL PLANTED AREAS ON THIS SHEET, EXCEPT WHERE SPECIFIC LOCATIONS ARE INDICATED IN NOTES.
- ALL PLANTED AREAS TO HAVE G-2 GROUND COVER
 - G-10 GROUND COVER TO BE PLANTED WITH G-2 GROUND COVER IN THE AREAS INDICATED ON PLAN @ 15" O.C.
 - PROVIDE 6" WIDE UNPLANTED STRIP WITH GRAVEL COVER ADJACENT TO PLATFORM WALL.



100% REVIEW

FINAL DESIGN

SEP 09 1988

Project Number	Line Item	Contract Designator	Physical Entity	Work Element	
10-7-88					
REV.	DATE	DESCRIPTION		BY	APP.
		ISSUED FOR BIDS			

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DESIGNED BY
S PANG
DRAWN BY
S PANG
CHECKED BY
J Williams
APPROVED BY
J Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS Transit Consultants of Southern California

A Joint Venture of:
 ■ Parsons Brinckerhoff Quade & Douglas, Inc.
 ■ Daniel Mann Johnson & Mendenhall
 ■ Kaiser Engineers (Contracted Corp.)
 ■ North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
SLAUSON STATION

CONTRACT NO. R 01-T01-C 275	
DRAWING NO. LN-7108	
REV.	SHEET NO. 10
SCALE 1" = 20'-0"	

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES		
T-5	RAPHIOLEPIS I. 'MAJESTIC BEAUTY'	STANDARD
SHRUBS		
S-8	RAPHIOLEPIS INDICA 'COATES CRIMSON'	EVERGREEN; PINK; 10" TALL
S-10	AGAPANTHUS 'PETER PAN'	
S-14	CARISSA GRANDIFLORA	
S-21	HEMEROCALLIS HYBRID	
S-22	DIETES BICOLOR	
S-36	NANDINA DOMESTICA 'HARBOR DWARF'	
GROUNDCOVERS		
G-1	GAZANIA 'MITSUWA SUPER CLUMP'	8" O.C. FROM FLATS, EQ. TRI. SPACING

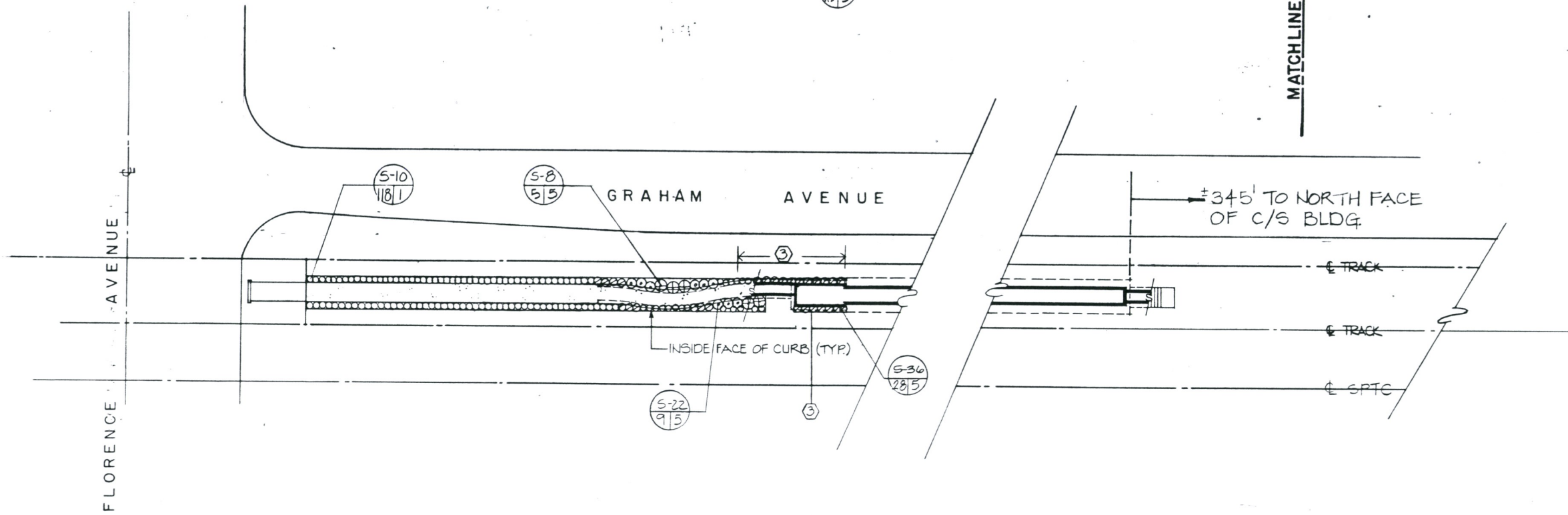
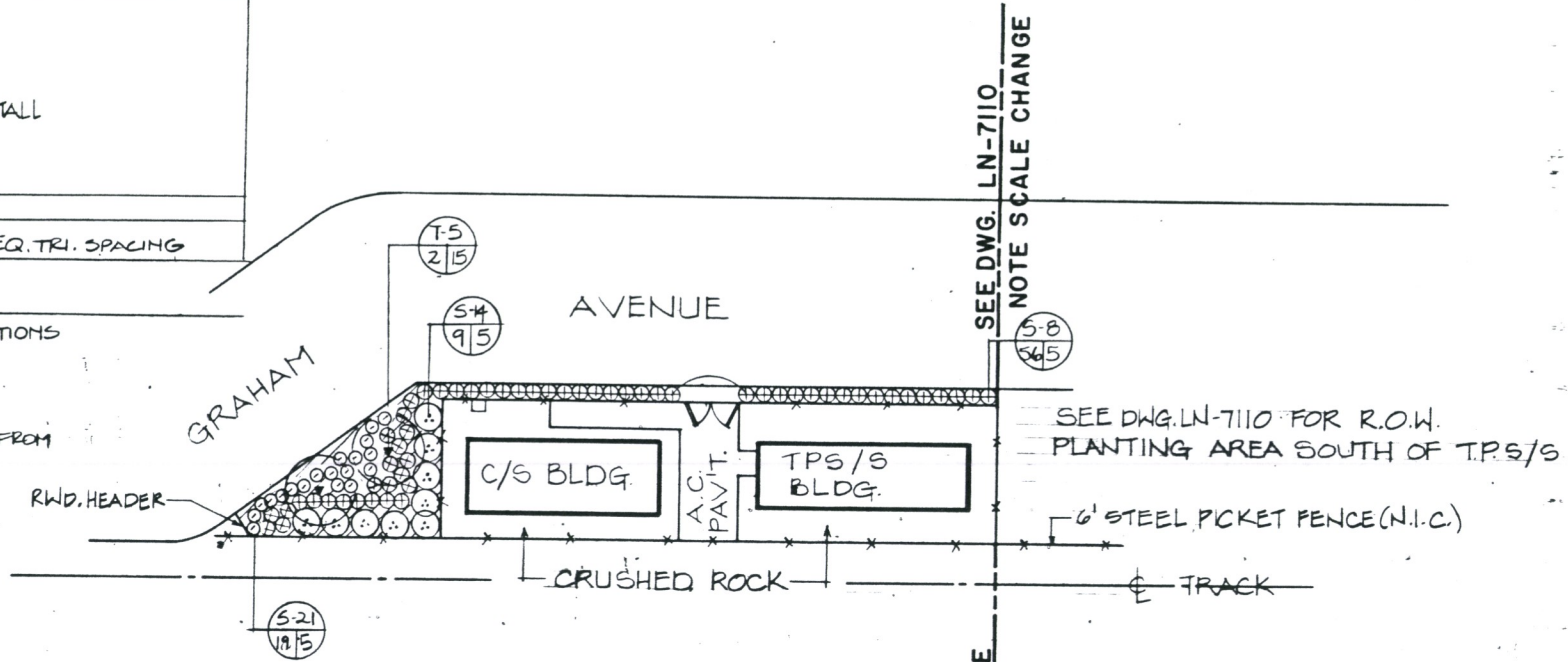
NOTES:

NOTES APPLY TO ALL PLANTED AREAS ON THIS SHEET, EXCEPT WHERE SPECIFIC LOCATIONS ARE INDICATED IN NOTES AND ON DRAWING WITH (3).

1. ALL PLANTED AREAS TO HAVE G-1 GROUNDCOVER

2. ALL SHRUBS TO BE PLANTED A MINIMUM OF 18" FROM BACK OF CURB (MEASURED FROM CENTER OF PLANT) EXCEPT WHERE NOTE (3) APPLIES.

(3) SHRUBS TO BE CENTERED IN THIS PLANTER AREA.



100% REVIEW

FINAL DESIGN

SEP 09 1988



Project Number	10-17-38
Cost Element	ISSUED FOR BIDS
Line Item	
Contract Designator	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
10-17-38		ISSUED FOR BIDS		

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. FIORENZA
DRAWN BY
G. PEARSON
CHECKED BY
J. Williams
APPROVED BY
J. Pearson
DATE
9-8-83

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

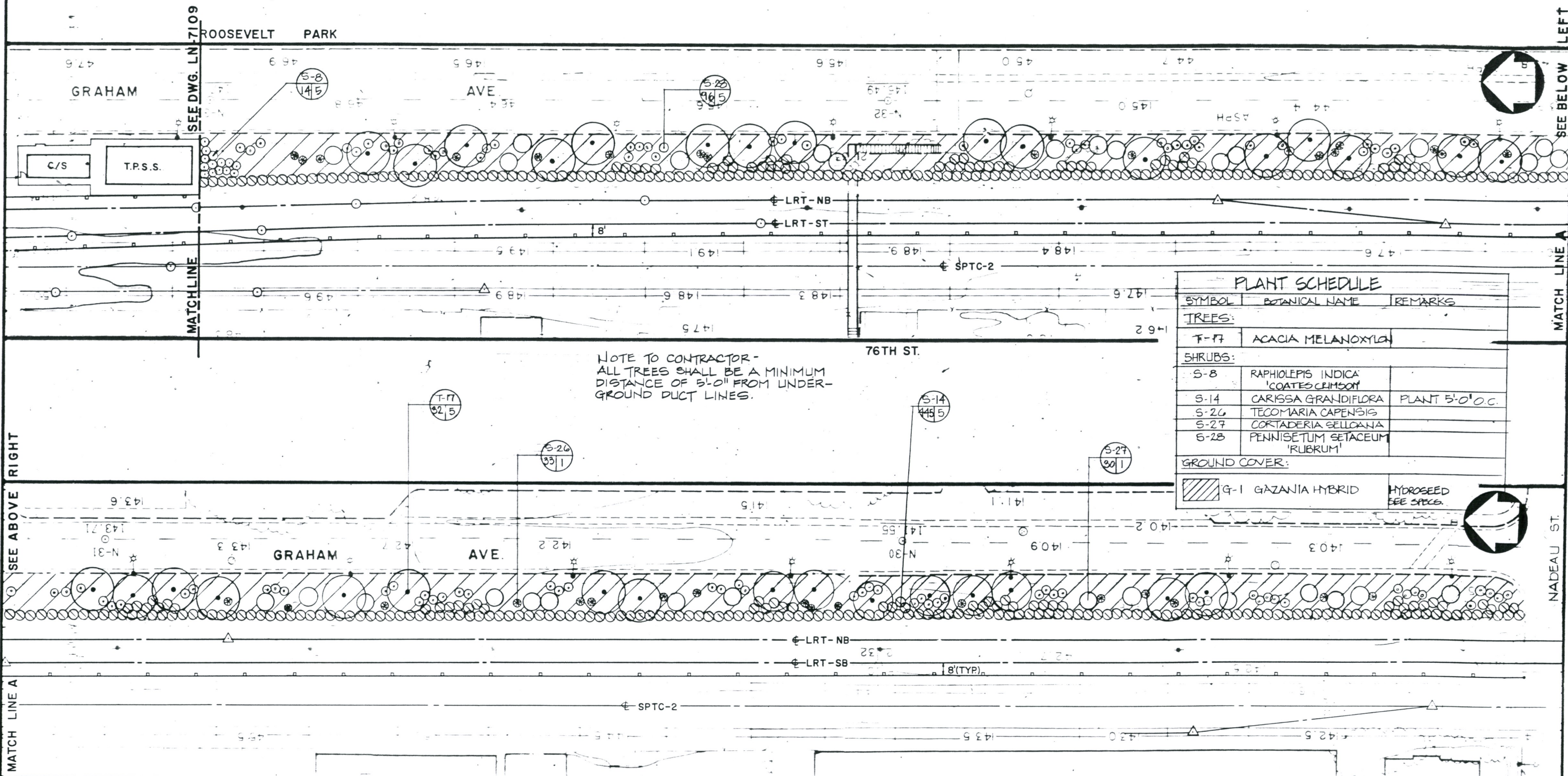
DMJM

TRANS
Transit Consultants of Southern California
A Joint Venture of:
Parsons Brinckerhoff Quade & Douglas, Inc.
Daniel Mann, Johnson & Mendenhall
Kaiser Engineers (California) Corp.
North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
FLORENCE STATION AREA & TPS/S
SHEET 1 OF 2

CONTRACT NO. ROI-T01-C275	
DRAWING NO. LN 7109	
REV.	SHEET NO. 11
SCALE 1" = 20'-0"	



PLANT SCHEDULE		
SYMBOL	BOTANICAL NAME	REMARKS
TREES:		
T-17	ACACIA MELANOXYLA	
SHRUBS:		
S-8	RAPHIOLEPIS INDICA 'COATES CRIMSON'	
S-14	CARISSA GRANDIFLORA	PLANT 5'-0" O.C.
S-26	TECOMARIA CAPENSIS	
S-27	CORTADERIA SELLOANA	
S-28	PENNISETUM SETACEUM 'RUBRUM'	
GROUND COVER:		
G-1	GAZANIA HYBRID	HYDROSEED SEE SPECS.

NOTE TO CONTRACTOR - ALL TREES SHALL BE A MINIMUM DISTANCE OF 5'-0" FROM UNDERGROUND DUCT LINES.

100% REVIEW

FINAL DESIGN

SEP 09 1988



Work Element
Physical Entity
Contract Designator
Line Item
Cost Element
Project Number

REV.	DATE	DESCRIPTION	BY	APP.
10-17-88		ISSUED FOR P.D.S.		

Information confidential: all plans, drawings, specifications, and/or information furnished hereon shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purposes not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. FIORENZA
DRAWN BY
S. FIORENZA
CHECKED BY
[Signature]
APPROVED BY
[Signature]
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

SUBMITTED: _____

Southern California Rail Consultants
A Joint Venture of
Parsons Brinckerhoff Quade & Douglas, Inc.
Kaiser Engineers (California) Corporation
Daniel, Mann, Johnson, & Mendenhall
APPROVED: _____

LANDSCAPING
FLORENCE STATION AREA & TPS/S
SHEET 2 OF 2

CONTRACT NO. R01-Y01-C275	
DRAWING NO. LN-7110	
REV.	SHEET NO. 12
SCALE 1" = 30'-0"	

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES:		
T-18	PRUNUS 'KRAUTER VESUVIUS'	
SHRUBS:		
S-10	AGAPANTHUS 'PETER PAN'	
S-14	CARISSA GRANDIFLORA	
S-21	HEMEROCALLIS HYBRID	EVERGRN; PINK; 24" TALL
GROUND COVER:		
G-1	GAZANIA 'SHASTA SNOW'	8" O.C. FROM FLATS

NOTES:

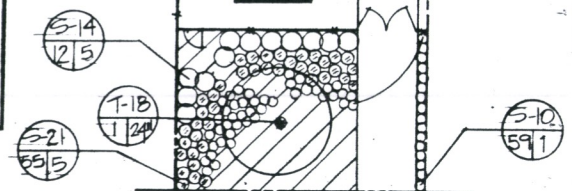
NOTES APPLY TO ALL PLANTING AREAS ON THIS SHEET.
1. ALL PLANTED AREAS TO HAVE G-1 GROUND COVER.



6' STEEL PICKET FENCE (N.I.C.)

TPS/S BLDG.

C/S BLDG.



GRAHAM AVE.

N.B. LRT

FIRESTONE STATION

S.B. LRT

100% REVIEW

FINAL DESIGN

SEP 09 1988



Project Number	Line Item	Contract Designator	Physical Entity	Work Element

REV.	DATE	DESCRIPTION	BY	APP.
	10-17-88	ISSUED FOR BIDS		

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DESIGNED BY
S. FIORENZA
DRAWN BY
S. FIORENZA
CHECKED BY
A. Williams
APPROVED BY
J. Pearson
DATE 9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANSFA Transit Consultants of Southern California

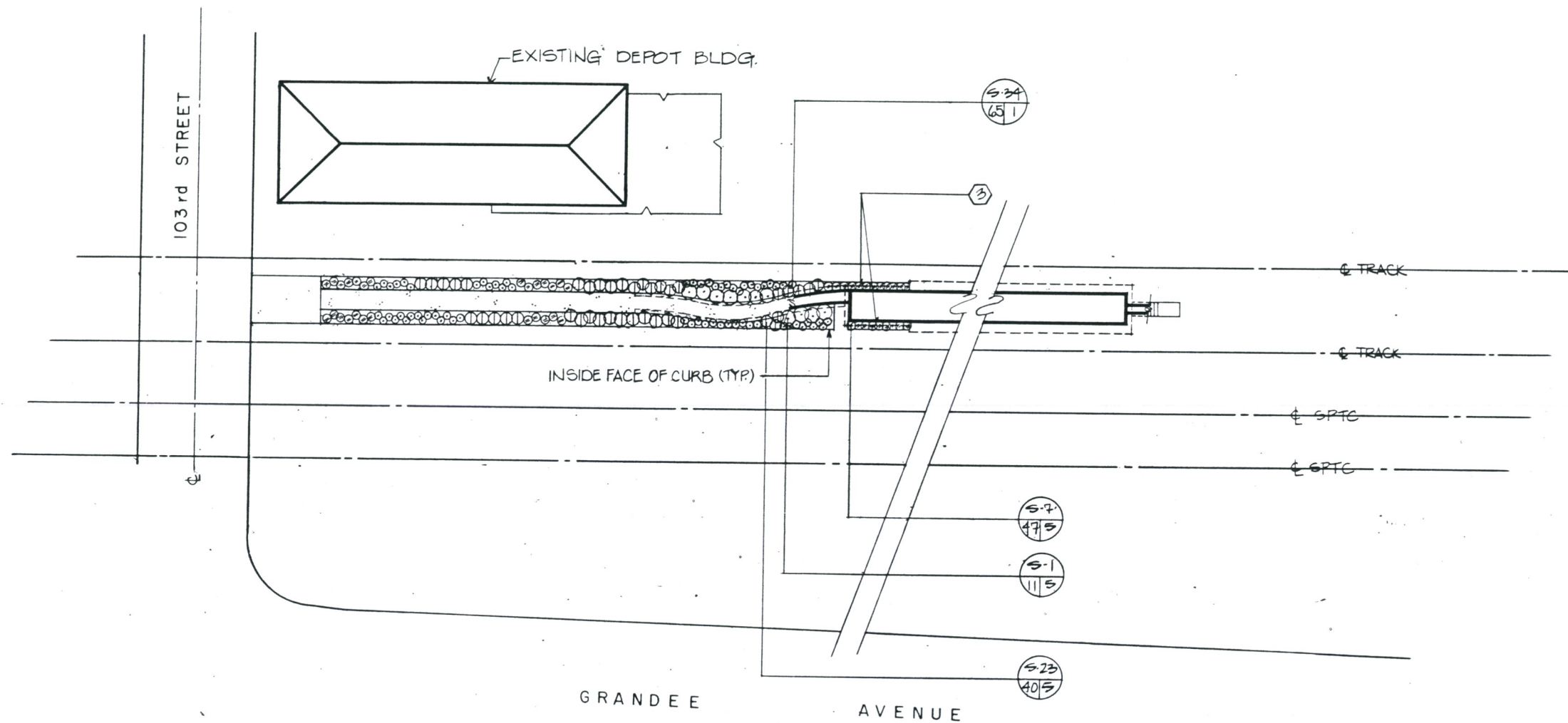
A Joint Venture of:
 ■ Parsons Brinckerhoff Quade & Douglas, Inc.
 ■ Carter, Mann, Johnson & Mendenhall
 ■ Kessler Engineers (California) Corp.
 ■ North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING

FIRESTONE TPS/S

CONTRACT NO. R01 T01 C 275	
DRAWING NO. LN-7111	
REV.	SHEET NO. 13
SCALE 1" = 20'-0"	



100% REVIEW

FINAL DESIGN

SEP 09 1988

PLANT SCHEDULE		
SYMBOL	BOTANICAL NAME	REMARKS
SHRUBS		
S-1	NERIUM OLEANDER 'PETITE PINK'	
S-7	RAPHIOLEPIS INDICA 'PINKIE'	
S-23	PITTOSPORUM TOBIRA 'WHEELER'S DWARF'	
S-34	AGAPANTHUS 'QUEEN ANNE'	BLUE
GROUND COVERS		
G-1	GAZANIA 'SHASTA SNOW'	FLATS & D'ACC SP.

NOTES

- NOTES APPLY TO ALL PLANTED AREAS ON THIS SHEET EXCEPT WHERE SPECIFIC LOCATIONS ARE INDICATED ON DRAWING WITH (3).
1. ALL PLANTED AREAS TO HAVE G-1 GROUND COVER.
 2. ALL SHRUBS TO BE PLANTED A MINIMUM OF 15' FROM BACK OF CURB (MEASURED FROM CENTER OF PLANT) EXCEPT WHERE NOTE (3) APPLIES.
 - (3) SHRUBS TO BE CENTERED IN THIS PLANTER AREA.



Project Number	10-17-88
Cost Element	ISSUED FOR BIDS
Line Item	
Contract Designer	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
	10-17-88	ISSUED FOR BIDS		

DESIGNED BY
L. SALTZMAN

DRAWN BY
L. SALTZMAN

CHECKED BY
A. Williams

APPROVED BY
J. Pearson

DATE
9-8-88

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LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

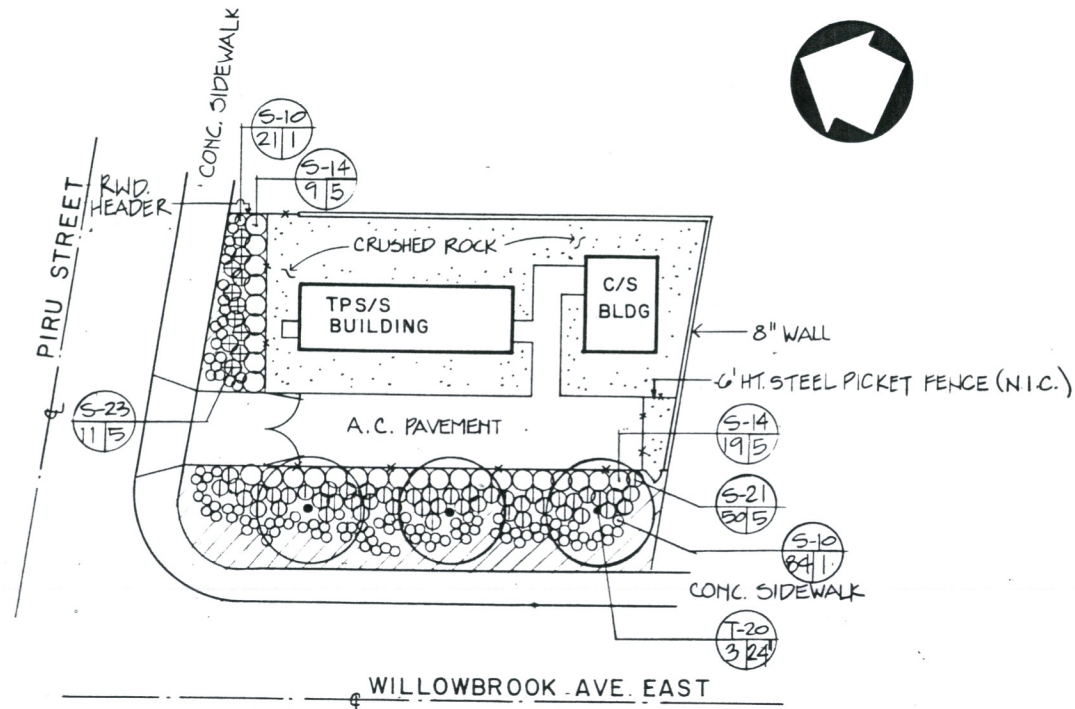
TRANS Transit Consultants of Southern California

A Joint Venture of:
 ■ Parsons Brinckerhoff Quade & Douglas, Inc.
 ■ Daniel Mann, Johnson & Mendenhall
 ■ Kiewit Engineers (California) Corp.
 ■ North Pacific Construction Management

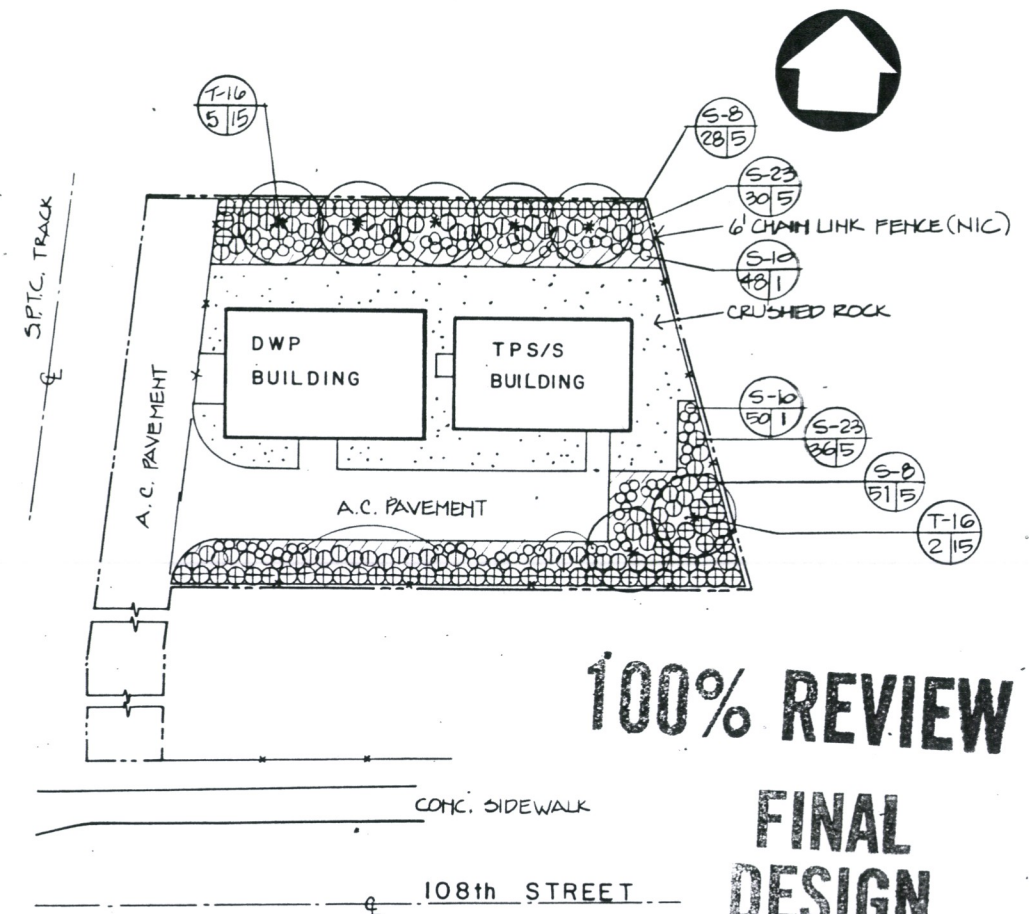
LANDSCAPING

103rd STREET STATION

CONTRACT NO. ROI-T01-C 275	
DRAWING NO. LN-7112	
REV.	SHEET NO. 14
SCALE 1" = 20'-0"	



PIRU TPS/S SUBSTATION



100% REVIEW

FINAL DESIGN

SEP 09 1988

103rd STREET TPS/S SUBSTATION

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES		
T-10	NERIUM OLEANDER 'SISTER AGNES'	STANDARD
T-20	CASSIA LEPTOPHYLLA	
SHRUBS		
S-8	RAPHIOLEPIS INDICACOATES 'CRIMSON'	
S-10	AGAPANTHUS 'PETER PAN'	
S-14	CARISSA GRANDIFLORA	
S-21	HEMEROCALLIS HYBRID	
S-23	PITTOSPORUM TOBIRA 'WHEELERS DWARF'	EVERGRN, 24\"/>
GROUNDCOVERS		
G-1	GAZANIA HYBRID 'MITSUKA SUPER CLUMP'	FLATSG 3'0.0.

NOTES:
ALL PLANTED AREAS TO HAVE GROUNDCOVER G-1



NOTE TO CONTRACTOR- ALL TREES SHALL BE A MINIMUM DISTANCE OF 5'-0" FROM UNDERGROUND DUCT LINES.

Project Number	10-41 88
Cost Element	ISSUED FOR BIDS
Line Item	
Contract Designator	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. FIORENZA

DRAWN BY
S. FIORENZA

CHECKED BY
S. Williams

APPROVED BY
D. Pearson

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS
Transit Consultants of Southern California
A Joint Venture of
Parsons Brinckerhoff Quade & Douglas, Inc.
Daniel Mann Johnson & Mendenhall
Kaiser Engineers (California) Corp.
North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING

TPS/S FACILITIES AT 108TH STREET & PIRU

CONTRACT NO. ROI-TOI-C275	
DRAWING NO. LN-7113	
REV.	SHEET NO. 15
SCALE 1" = 20'-0"	

100% REVIEW

FINAL DESIGN

SEP 09 1988

CENTRAL CONTROL FACILITY



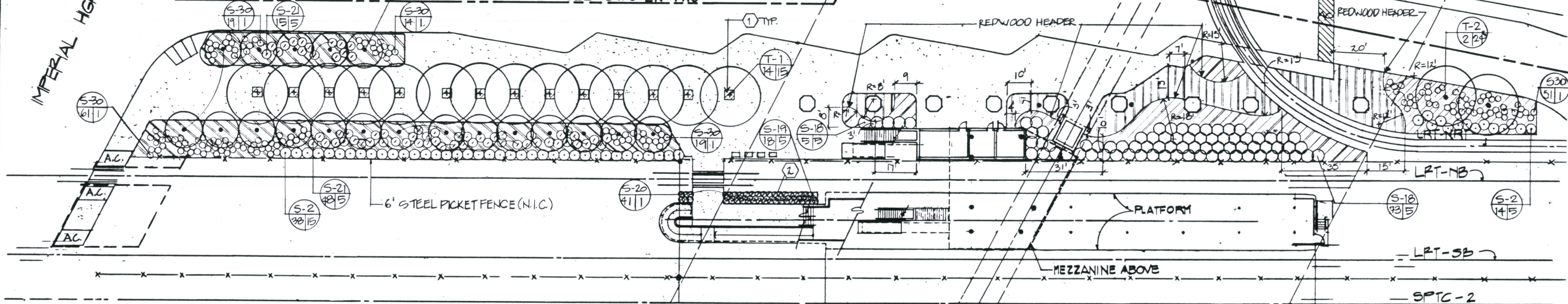
IMPERIAL HIGHWAY

MATCH LINE SEE LOWER RIGHT THIS SHEET

MATCH LINE SEE DWG LN-7115

NON REVENUE TRACK C/S BLDG.

TPS/S



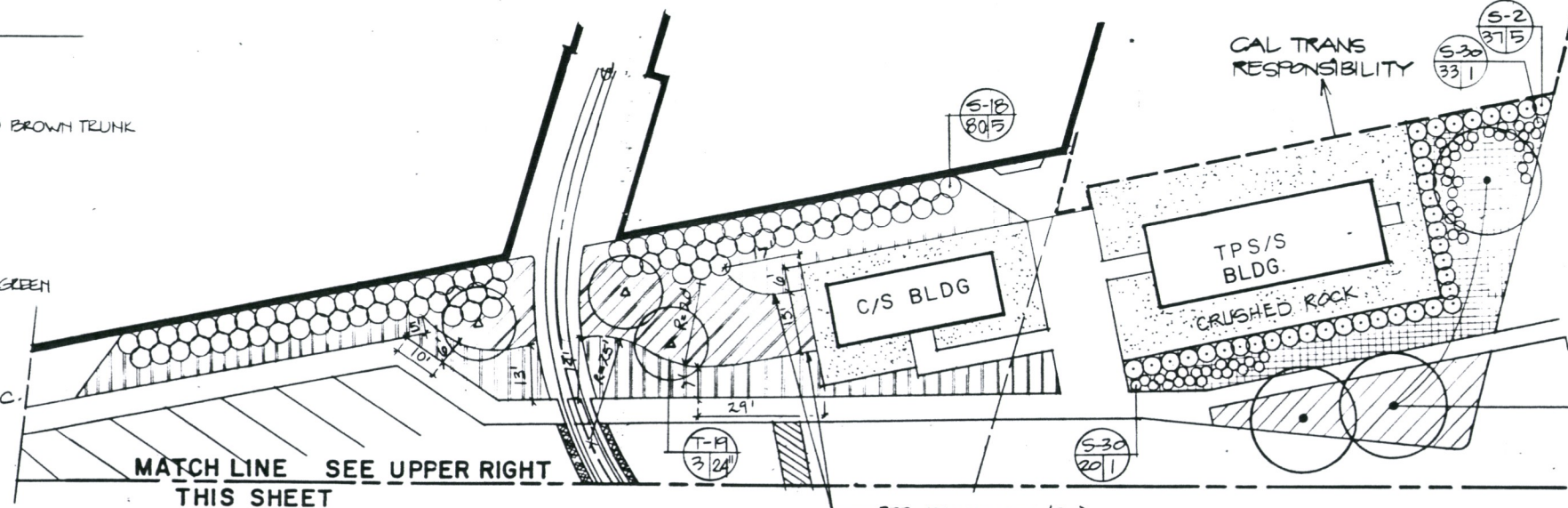
PLANTING SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES		
T-1	KOELREUTERIA BIPINNATA	
T-2	JACARANDA MIMOSIFOLIA	
T-8	WASHINGTONIA FILIFERA	HT. REFERS TO BROWN TRUNK
T-19	ARECUTUS UNEDO	
SHRUBS		
S-2	NERIUM OLEANDER 'CASA BLANCA'	
S-18	AUCUBA JAPONICA	
S-19	CLIVIA MINIATA	
S-20	LIRIOPE MUSCARI	
S-21	HEMEROCALLIS HYBRID	HT. 36" YELLOW, EVERGREEN
S-30	AGAPANTHUS AFRICANUS	
VINES		
V-3	FICUS PUMILA	PLANT 15' O.C.

PLANTING SCHEDULE (CONTINUED)

SYMBOL	BOTANICAL NAME	REMARKS
GROUNDCOVER		
G1	GAZANIA 'MITSUWA SUPERCLUMP'	PLANT AT 8" O.C.
G4	HEDERA HELIX 'HANNI'	PLANT AT 8" O.C.
G5	ORISSA GRANDIFLORA 'GREEN CARPET'	PLANT AT 18" O.C.
G8	ILEX CORNUTA 'DAZZLER'	PLANT AT 24" O.C. SEE NOTE 3
G9	ASPIDISTRA ELATIOR	PLANT AT 18" O.C. SEE NOTE 3

- NOTES
- GAZANIA 'MITSUWA SUPERCLUMP'; PLANT @ 8" O.C.
 - POTENTILLA VERNA; PLANT @ 8" O.C.
 - ILEX (G-8) & ASPIDISTRA (G-9) SHALL BE PLANTED IN FRONT OF AUCUBA, NOT UNDER OR BETWEEN.
 - ALL PLANTING AREAS TO BE FILLED WITH GROUNDCOVER. EXCEPTION: SEE NOTE (3).



MATCH LINE SEE UPPER RIGHT THIS SHEET

CAL TRANS RESPONSIBILITY

TPS/S BLDG.

CRUSHED ROCK

REDWOOD HEADER (TYP.)



Project Number	10-17-88	ISSUED FOR BIDS
REV. DATE		DESCRIPTION
BY		APP.

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. PEARSON
DRAWN BY
S. PEARSON
CHECKED BY
A. Williams
APPROVED BY
S. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS
Trans Consultants of Southern California
A Joint Venture of:
- Parsons Brinckerhoff Quade & Douglas, Inc.
- Daniel, Mann, Johnson & Mendenhall
- Kiewit Engineers (California) Corp.
- North Pacific Construction Management

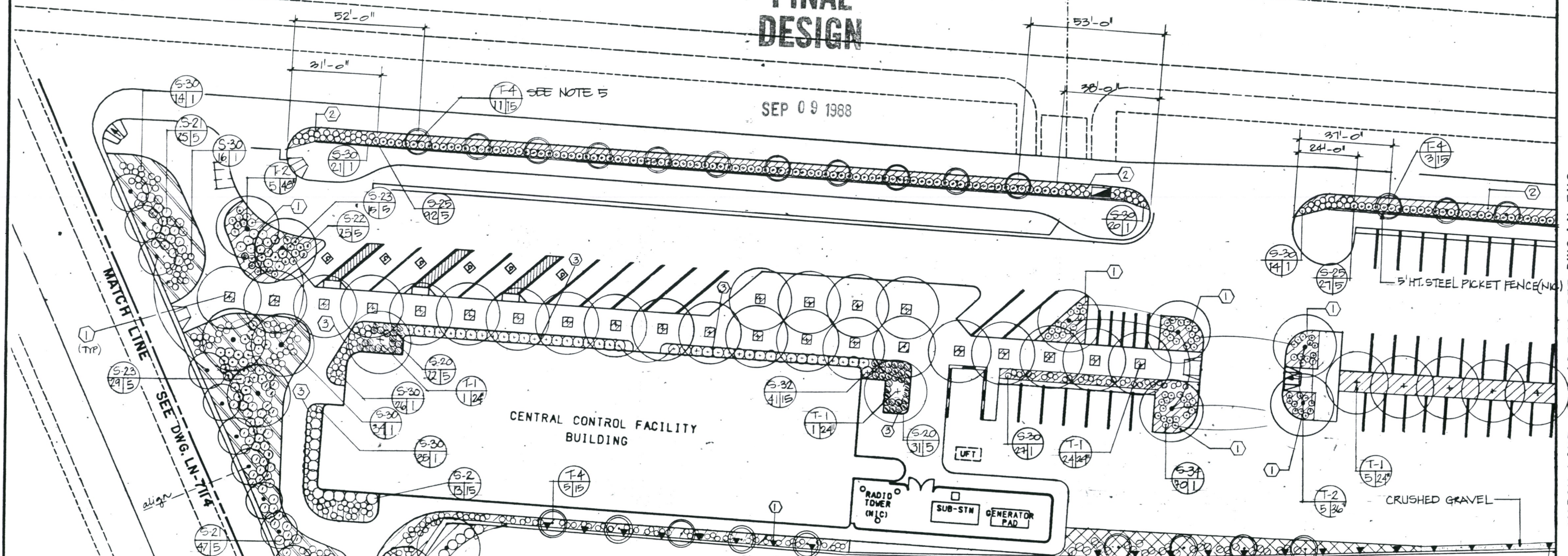
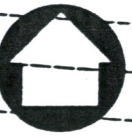
LANDSCAPING
IMPERIAL STATION, CENTRAL CONTROL FACILITY & TPS/S
SHEET 1 OF 3

CONTRACT NO. RO1-TOL-C 275	
DRAWING NO. LN-7114	
REV.	SHEET NO. 16
SCALE 1" = 20'-0"	

100% REVIEW

FINAL DESIGN

SEP 09 1988



CENTRAL CONTROL FACILITY BUILDING

RADIO TOWER (M/C)
SUB-STN GENERATOR PAD

PLANTING SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES		
T-1	KOELREUTERIA BIPINNATA	
T-2	JACARANDA MIMOSIFOLIA	
T-4	PHOTINIA FRASERI	STANDARD @ 24'-0" O.C. STREET PLANTER
T-8	WASHINGTONIA FILIFERA	10' BROWN TRUNK HT.
SHRUBS		
S-2	NERIUM OLEANDER 'CASABLANCA'	
S-10	AGAPANTHUS 'PETER PAN'	
S-20	LIRIOPE MUSCARI 'MAJESTIC'	
S-21	HEMEROCALLIS HYBRID	YELLOW, EVERGREEN, 36" HT
S-22	DIETES BICOLOR	
S-23	PITOSPORUM TOBIRA 'WHEELER'S DWARF'	

SYMBOL	BOTANICAL NAME	REMARKS
S-25	CARISSA GRANDIFLORA 'TUTTLE'	@ 36" O.C.
S-30	AGAPANTHUS AFRICANUS	
S-31	TRACHELOSPERMUM JASMINOIDES	
S-32	PITOSPORUM TOBIRA 'VARIEGATA'	
S-34	AGAPANTHUS 'QUEEN ANNE'	
GROUND COVER		
G-1	GAZANIA HYBRID	8" O.C. TYP. SPACING, SEE NOTES FOR COLOR. (FLATS)
G-2	POTENTILLA VERNA	8" O.C. TYPICAL SPACING (FLATS)
G-3	VINCA MINOR	12" O.C. (FLATS) TYP. SPACING
G-5	CARISSA GRANDIFLORA 'GREEN CARPET'	(FLATS) AT 2' O.C. INTERPLANT WITH (1) AT 8" O.C.

- NOTES
- GAZANIA 'MITSUKA SUPER CLUMP'
 - GAZANIA 'SHASTA SNOW'
 - POTENTILLA VERNA - 8" O.C. TYP. SPACING
 - ALL PLANTED AREAS TO BE COMPLETELY FILLED WITH GROUND COVER.
 - CENTER T-4 IN STREET PLANTER
 - FOR VINE LEGEND SEE DWG. LN-7114.

Work Element	
Physical Entity	
Contract Designer	
Line Item	
Cost Element	
Project Number	

REV.	DATE	DESCRIPTION	BY	APP.
	10-17-88	ISSUED FOR BIDS		

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DESIGNED BY
S. PEARSON

DRAWN BY
S. FIORENZA

CHECKED BY
A. WILLIAMS

APPROVED BY
S. PEARSON

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

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Transit Consultants of Southern California

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 - Parsons Brinckerhoff Quade & Douglas, Inc.
 - Daniel Mann Johnson & Mendenhall
 - Kaiser Engineers/California Corp.
 - North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

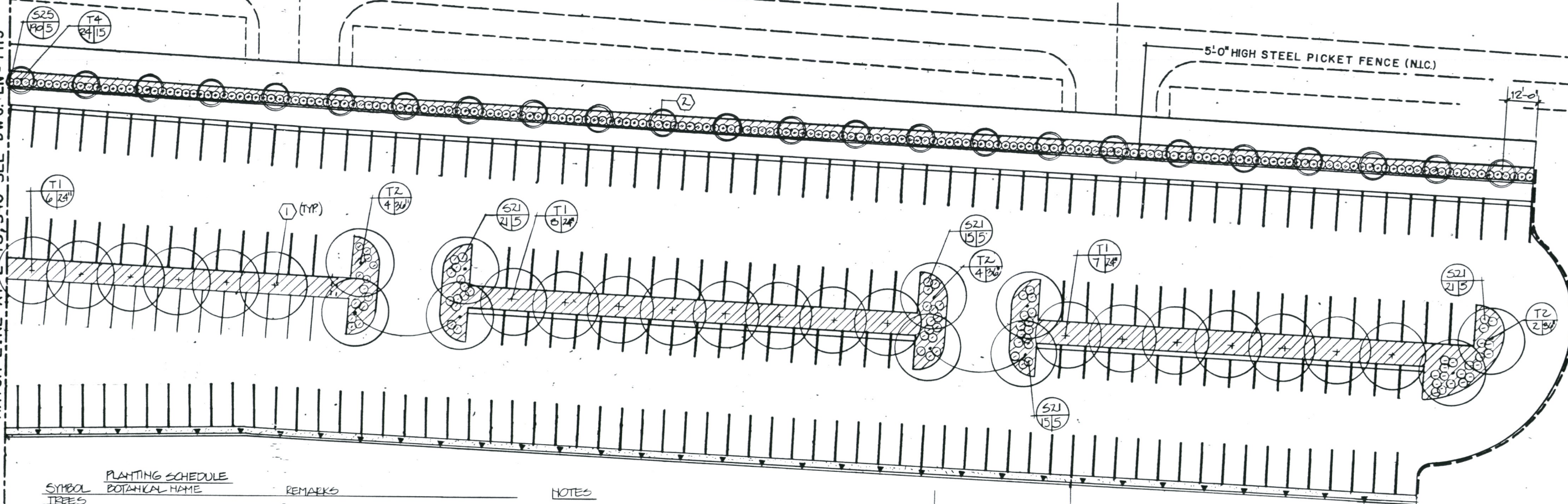
LANDSCAPING
IMPERIAL STATION, CENTRAL CONTROL FACILITY & TPS/S
SHEET 2 OF 3

CONTRACT NO. R01-TOI-C275	
DRAWING NO. LN-7115	
REV.	SHEET NO. 17
SCALE 1" = 20'-0"	

MATCH LINE AT E 16.540 SEE DWG. LN-7116



MATCH LINE AT E 16,540 SEE DWG. LN-7115



SYMBOL	PLANTING SCHEDULE BOTANICAL NAME	REMARKS
TREES		
T-1	KOELREUTERIA BIPINNATA	
T-2	JACARANDA MIMOSAFOLIA	
T-4	PHOTINIA FRASERI	STANDARD
SHRUBS		
S-2	HELIUM OLEANDER 'CASA BLANCA'	
S-21	HEMEROCALLIS HYBRID	YELLOW, EVERGREEN, 36" HT.
S-25	CAREXA GRANDIFLORA 'TUTTLE'	@ 3'-0" O.C.
GROUND COVER		
G1	GAZANIA HYBRID	8" O.C. TYP. SPACING, SEE NOTES FOR COLOR
G3	VINKA MINOR	12" O.C. TYP. SPACING
VINES		
V-3	FICUS PUMILA	

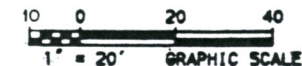
- NOTES**
- ① GAZANIA 'MITSUNA SUPERCLUMP'
 - ② GAZANIA 'CHASTA SHOW'
 - 3. ALL PLANTING AREAS TO BE COMPLETELY FILLED WITH GROUND COVER.

CALTRANS RESPONSIBILITY

CRUSHED GRAVEL

100% REVIEW

FINAL DESIGN SEP 09 1988



Work Element	
Physical Entity	
Contract Designer	
Line Item	
Cost Element	
Project Number	10-17-88

REV.	DATE	DESCRIPTION	BY	APP.
	10-17-88	ISSUED FOR BIDS		

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DESIGNED BY: S. PEARSON
 DRAWN BY: S. PEARSON
 CHECKED BY: J. WILLIAMS
 APPROVED BY: J. PEARSON
 DATE: 9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS Consultants of Southern California

APPROVED: _____

LANDSCAPING

IMPERIAL STATION, CENTRAL CONTROL FACILITY & TPS/S

SHEET 3 OF 3

CONTRACT NO. R01-T01-C275	
DRAWING NO. LN-7116	
REV.	SHEET NO. 18
SCALE 1" = 20'-0"	

COMPTON TRANSPORTATION CENTER

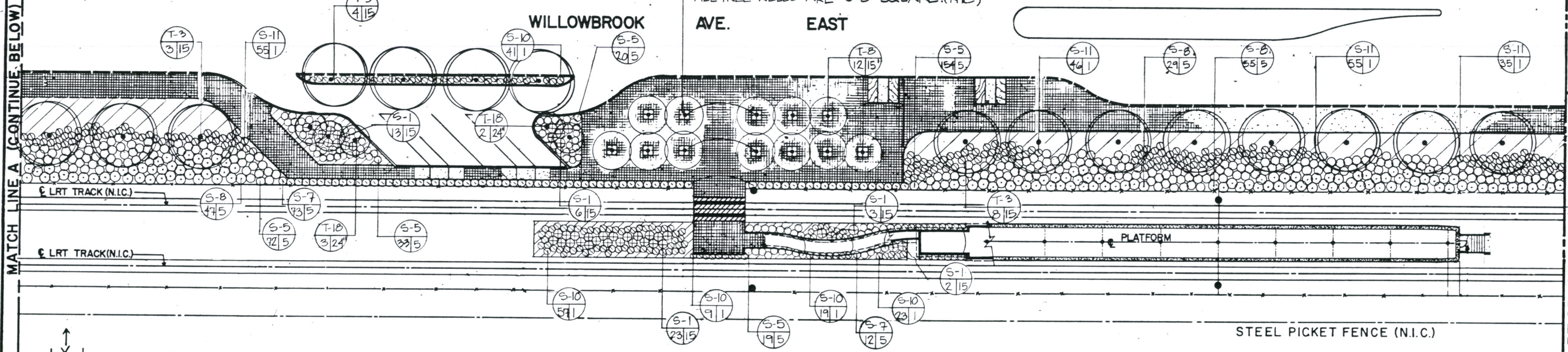
PALMER ST.

PLANT SCHEDULE		
SYMBOL	BOTANICAL NAME	REMARKS
TREES		
T-3	CUPANOPSIS ANACARDIODES	PLANT @ 30' O.C.; MULTI-TRUNK
T-8	WASHINGTONIA FILIFERA	BROWN TRUNK HT. AS NOTED
T-10	PRUNUS 'KALTER VESUVIUS'	
SHRUBS		
S-1	NERIUM OLEANDER 'PETITE PINK'	
S-5	ESCALLONIA 'NEWPORT DWARF'	
S-7	RAPHIOLEPIS INDICA 'PINKIE'	
S-8	RAPHIOLEPIS INDICA 'COATES CRIMSON'	
S-10	AGAPANTHUS 'PETER PAN'	
S-11	AGAPANTHUS 'DWARF WHITE'	

GROUND COVER
 G-1 GAZANIA HYBRID 'AZTEC QUEEN', PLANT @ 8" O.C., FROM FLATS

NOTES
 ALL PLANTED AREAS TO HAVE G-1 GROUND COVER.

ALL TREE WELLS ARE 6'-0" SQUARE (N.I.C.)

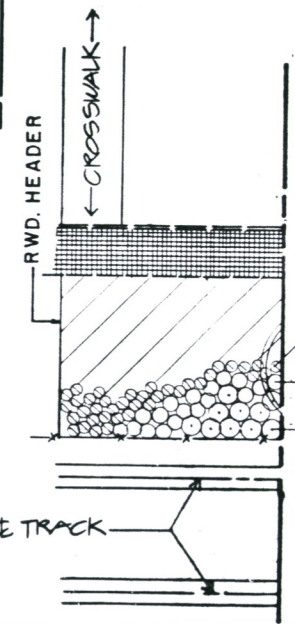


MATCH LINE A (CONTINUE BELOW)

M/L LRT-SB STA 53+10 SEE DWG LN-7118

WILLOWBROOK AVE. WEST

STEEL PICKET FENCE (N.I.C.)



MATCH LINE A (FROM ABOVE)

100% REVIEW

FINAL DESIGN
 SEP 09 1988

NOTE TO CONTRACTOR - ALL TREES SHALL BE A MINIMUM DISTANCE OF 5'-0" FROM UNDERGROUND DUCT LINES.

PALMER ST.



Project Number	Cost Element	Line Item	Contract Designator	Physical Entity	Work Element
10-17-88					

REV.	DATE	DESCRIPTION	BY	APP.
	10-17-88	ISSUED FOR BIDS		

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DESIGNED BY
S. FIORENZA
 DRAWN BY
S. FIORENZA
 CHECKED BY
A. Williams
 APPROVED BY
J. Pearson
 DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANSAL
 Transit Consultants of Southern California

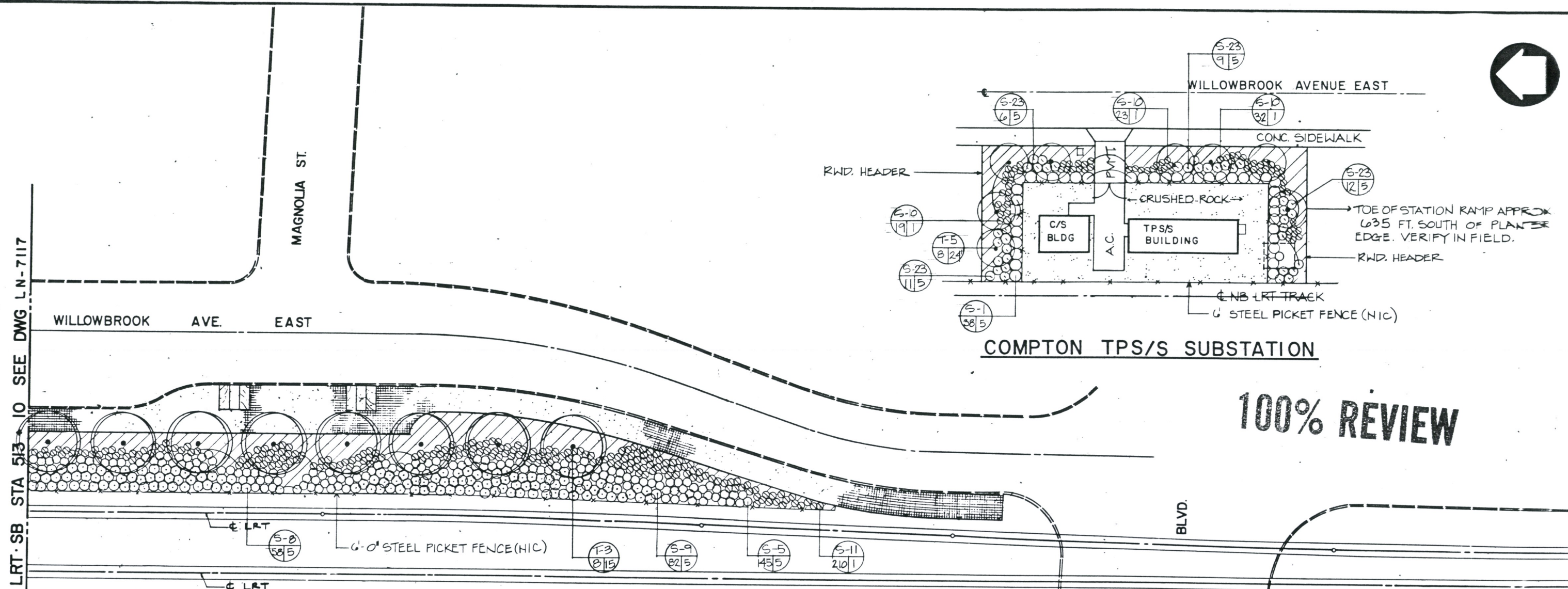
A Joint Venture of:
 Parsons Brinckerhoff Oudis & Douglas, Inc.
 Daniel Mann, Johnson & Mendenhall
 Kaiser Engineers (California) Corp.
 North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
 COMPTON STATION & TPS/S

SHEET 1 OF 2

CONTRACT NO. R01-T01-C275	
DRAWING NO. LN-7117	
REV.	SHEET NO. 19
SCALE 1" = 20'-0"	



100% REVIEW

FINAL DESIGN

SEP 09 1988

NOTE TO CONTRACTOR—
ALL TREES SHALL BE A MINIMUM
DISTANCE OF 5'-0" FROM UNDER-
GROUND DUCT LINES.

COMPTON STATION

COMPTON TPS/S SUBSTATION

SYMBOL	PLANT SCHEDULE	REMARKS
TREES	BOTANICAL NAME	
T-5	RAPHIOLEPIS INDICA 'MAJESTIC BEAUTY'	STANDARD
T-3	CUPANIOPSIS ANACARDIODES	PLANT 30' O.C.; MULTI-TRUNK
SHRUBS		
S-1	NERIUM OLEANDER 'PETITE PINK'	
S-5	ESCALLONIA 'NEWPORT DWARF'	
S-8	RAPHIOLEPIS 'COATS CRIMSON'	
S-10	AGAPANTHUS 'PETER PAN'	
S-11	AGAPANTHUS 'DWARF WHITE'	
S-23	PITTOSPORUM TOBIKA 'WHEELER'S DWARF'	

GROUND COVER
 G-1 GAZANIA HYBRID 'AZTEC QUEEN' FROM FLATS, PLANT 8" O.C.

NOTE:
ALL PLANTED AREAS TO HAVE G-1 GROUND COVER.



Work Element	
Physical Entity	
Contract Designer	
Line Item	
Cost Element	
Project Number	

REV.	DATE	DESCRIPTION	BY	APP.
0-17-88		ISSUED FOR BIDS		

DESIGNED BY
S. FIORENZA

DRAWN BY
S. FIORENZA

CHECKED BY
S. Williams

APPROVED BY
J. Pearson

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

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TRANS Transit Consultants of Southern California

A. Jern
 B. Parsons Brinckerhoff Quade & Douglas, Inc.
 C. Daniel Mann, Johnson & Mendenhall
 D. Kiewit Engineers (California) Corp.
 E. North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING

COMPTON STATION & TPS/S

SHEET 2 OF 2

CONTRACT NO. R G I - T O L - C 275
 DRAWING NO. **LN-7113**
 REV. SHEET NO. **25**
 SCALE **1" = 20'-0"**

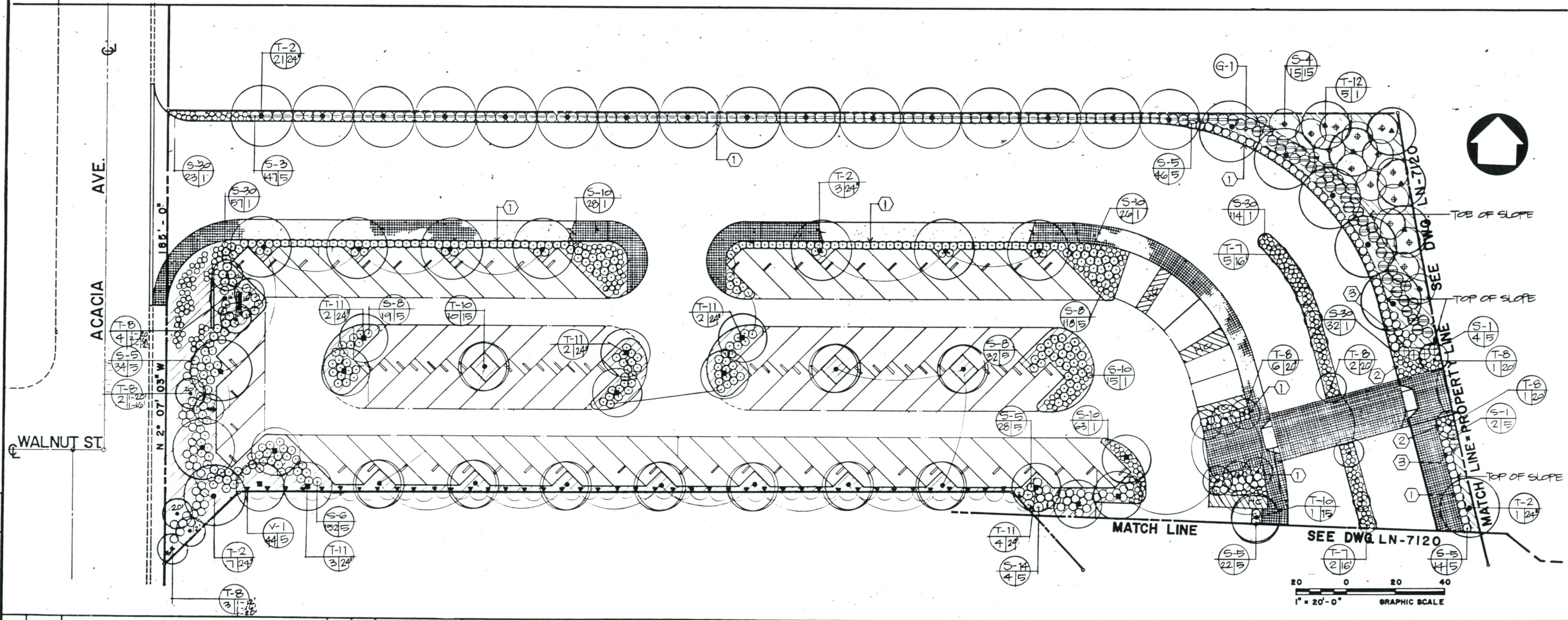
100% REVIEW

NOTE TO CONTRACTOR-
ALL TREES SHALL BE A MINIMUM OF
5'-0" FROM UNDERGROUND DUCT LINES.

FINAL DESIGN

SEP 09 1988

NOTE: REFER TO DWG LN-7121
PLANT SCHEDULE AND NOTES



Project Number	10-17-88
Coat Element	ISSUED FOR BIDS
Line Item	
Contract Designer	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
	10-17-88	ISSUED FOR BIDS		

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Commission and shall not be used for
any purpose not provided for in
agreements with the
Los Angeles County Transportation
Commission.

DESIGNED BY
S. PANG

DRAWN BY
S. PANG

CHECKED BY
J. Williams

APPROVED BY
J. Pearson

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

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 - Daniel Mann Johnson & Mendenhall
 - Kaiser Engineers (California) Corp.
 - North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
ARTESIA STATION & TPS/S

SHEET 1 OF 3

CONTRACT NO. ROI-T01-C 275	
DRAWING NO. LN 7119	
REV.	SHEET NO. 21
SCALE 1" = 20'-0"	

MATCH LINE

SEE DWG. LN-7119

6' CHAIN LINK FENCE (NIC)

MATCH

SEE DWG. LN-7121

PLATFORM STATION

SEE DWG. LN-7119

MATCH LINE - PROPERTY LINE

NOTE: REFER TO DWG. LN-7121
PLANT SCHEDULE AND NOTES.

100% REVIEW

FINAL DESIGN

SEP 09 1988

20 0 20 40
1" = 20'-0" GRAPHIC SCALE

Project Number	
Cost Element	
Line Item	
Contract Designator	
Physical Entity	
Work Element	

REV. DATE	DESCRIPTION	BY	APP.
10-17-88	ISSUED FOR BIDS		

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S. PANG
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APPROVED BY
J. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

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TRANS Transit Consultants of Southern California

A. Jent
B. Parsons Brinckerhoff Quade & Douglas, Inc.
C. Daniel Mann, Johnson & Mendenhall
D. Kiewit Engineers/Contractors Corp.
E. North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING

ARTESIA STATION & TP S/S

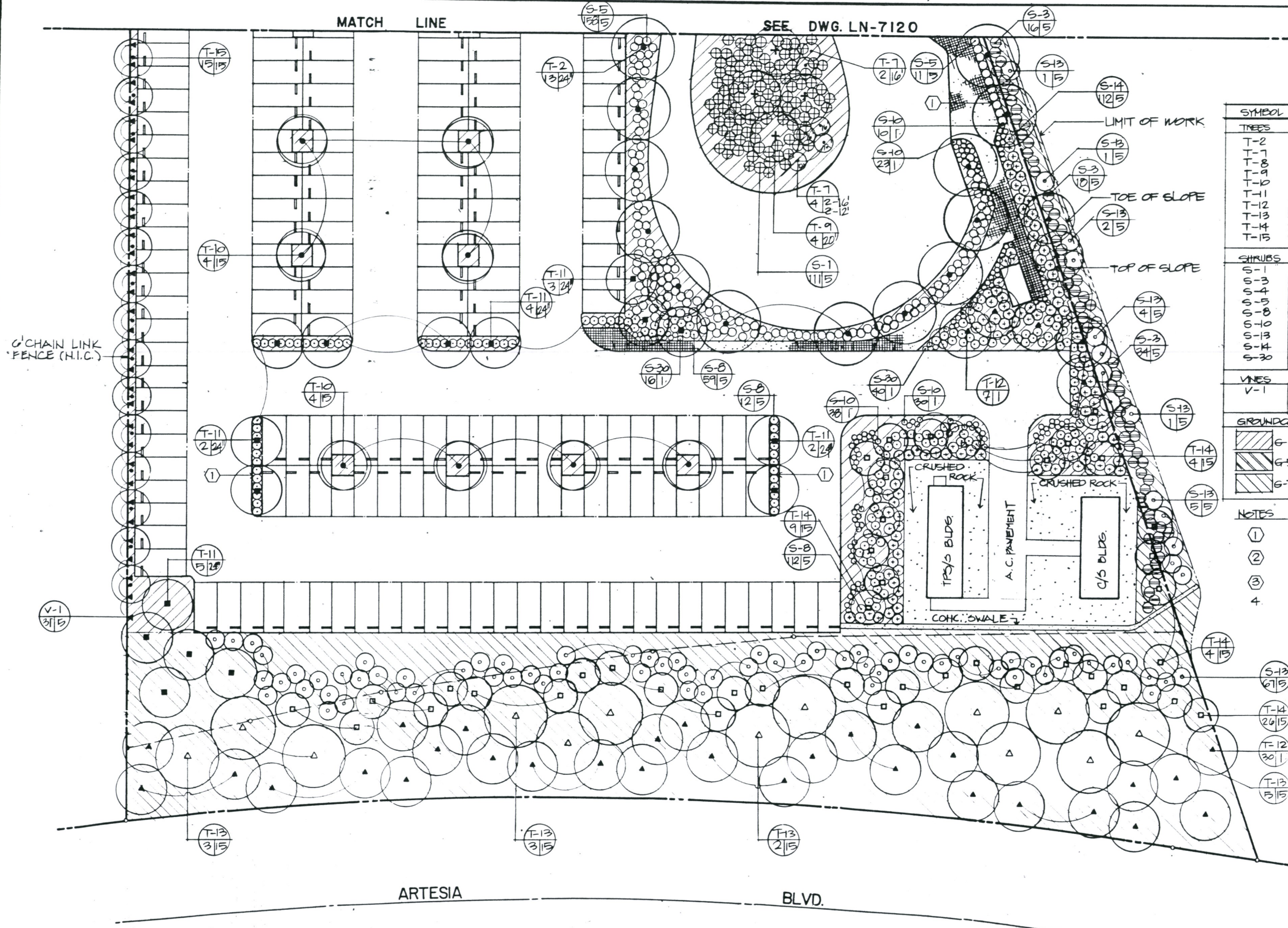
SHEET 2 OF 3

CONTRACT NO. ROI-T01-C275	
DRAWING NO. LN-7120	
REV.	SHEET NO. 22
SCALE 1" = 20'-0"	



SEE DWG. LN-7120

MATCH LINE



PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES		
T-2	JACARANDA MIMOSIFOLIA	STANDARD @ 25'-0" O.C.
T-7	WASHINGTONIA ROBUSTA	HT. REFERS TO BROWN TRUNK
T-8	WASHINGTONIA FILIFERA	HT. REFERS TO BROWN TRUNK
T-9	PHOENIX CANARIENSIS	HT. REFERS TO BROWN TRUNK
T-10	TRISTANIA CONFERTA	STANDARD
T-11	TABEBUIA IFE	STANDARD
T-12	EUCALYPTUS CITRIODORA	
T-13	SCHINUS MOLLE	
T-14	CERCIS OCCIDENTALIS	
T-15	PODOPHYLLUM GRACILOR	STANDARD @ 15'-0" O.C.
SHRUBS		
S-1	NERIUM OLEANDER 'PETITE PINK'	
S-3	NERIUM OLEANDER 'MRS. ROEDING'	
S-4	NERIUM OLEANDER 'SISTER AGNES'	
S-5	ESCALLONIA NEWPORT DWARF	
S-8	RAPHIOLEPIS INDICA 'COATES CRIMSON'	
S-10	AGAPANTHUS AFRICANUS 'PETER PAN'	
S-13	FLUMBAGO CAPENSIS	
S-14	CARISSA GRANDIFLORA	
S-30	AGAPANTHUS AFRICANUS	
VINES		
V-1	GREVIA CAFFRA	@ 7'-6" O.C. SECURE BRACE
GROUNDCOVERS		
G-1	GAZANIA HYBRID 'SHASTA SNOW'	@ 8" O.C. FROM FLATS
G-5	CARISSA GRANDIFLORA 'GREEN CARPET'	@ 24" O.C. INTERPLANT WITH G-1 @ 8" O.C.
G-7	CONVOLVULUS MARTIANICUS	@ 12" O.C. FROM FLATS

NOTES

- GROUNDCOVER - GAZANIA HYBRID 'SHASTA SNOW'
- GROUNDCOVER G-5 TO BE PLANTED @ 24" O.C. INTERPLANT WITH GROUNDCOVER G-1 @ 8" O.C.
- DIVISION LINE BETWEEN GROUNDCOVERS G-1 AND G-5
- ALL PLANTED AREAS TO BE COMPLETELY FILLED WITH GROUNDCOVER.

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FINAL DESIGN

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Project Number	10-17-88
Work Element	ISSUED FOR BIDS

REV.	DATE	DESCRIPTION	BY	APP.
10-17-88	ISSUED FOR BIDS			

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DESIGNED BY
S. FANG
DRAWN BY
S. FANG
CHECKED BY
J. Williams
APPROVED BY
J. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

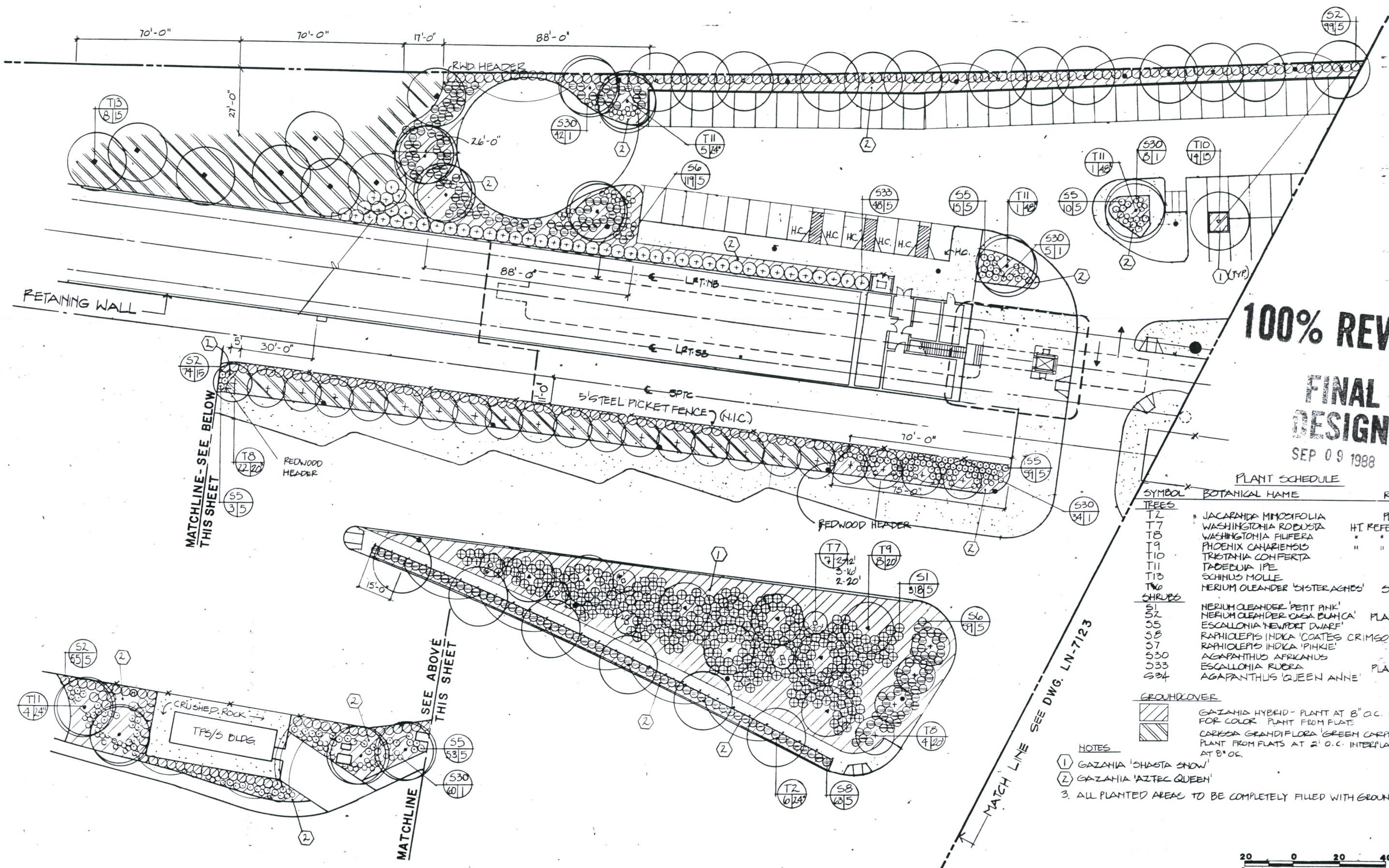
DMJM

TRANSPORTATION CONSULTANTS OF SOUTHERN CALIFORNIA

APPROVED: _____

LANDSCAPING
ARTESIA STATION & TPS/S
SHEET 3 OF 3

CONTRACT NO.	ROI-TD-C275
DRAWING NO.	LN-7121
REV.	SHEET NO. 23
SCALE	1" = 20'-0"



100% REVIEW

FINAL DESIGN
SEP 09 1988

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS
TREES		
T2	JACARANDA MIMOSIFOLIA	PLANT 30' O.C.
T7	WASHINGTONIA ROBUSTA	HT. REFERS TO BROWN TRUNK
T8	WASHINGTONIA FILIFERA	" " " " "
T9	PHOENIX CAHARIENSIS	" " " " "
T10	TRISTANIA CONFERTA	" " " " "
T11	TADECLIA IPE	" " " " "
T13	SCINUS MOLLE	" " " " "
T20	NERIUM OLEANDER 'SISTERAGNES'	STANDARD
SHRUBS		
S1	NERIUM OLEANDER 'PETIT PINK'	" " " " "
S2	NERIUM OLEANDER 'CASA BLANCA'	PLANT 4'-0" O.C.
S5	ESCALONIA 'NEWPORT DWARF'	" " " " "
S6	RAPHIOLEPIS INDICA 'COATES CRIMSON'	PLANT 3'-6" O.C.
S7	RAPHIOLEPIS INDICA 'PINKIE'	" " " " "
S30	AGAPANTHUS AFRICANUS	" " " " "
S33	ESCALONIA RUERA	PLANT 6'-0" O.C.
S34	AGAPANTHUS 'QUEEN ANNE'	" " " " "
GROUNDCOVER		
(1)	GAZANIA HYBRID - PLANT AT 8" O.C. SEE NOTES FOR COLOR. PLANT FROM FLATS	
(2)	CORISSA GRANDIFLORA 'GREEN CARPET' PLANT FROM FLATS AT 2' O.C. INTERPLANT WITH (1) AT 8" O.C.	

- NOTES
- (1) GAZANIA 'SHASTA SNOW'
 - (2) GAZANIA 'AZTEC QUEEN'
 - ALL PLANTED AREAS TO BE COMPLETELY FILLED WITH GROUNDCOVER



Project Number	10-7-88
Contract Designer	ISSUED FOR BIDS
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
10-7-88		ISSUED FOR BIDS		

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DESIGNED BY
S. PEARSON
DRAWN BY
S. PEARSON
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J. Williams
APPROVED BY
S. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS
Trans Consultants of Southern California

A. Jones
Partners Brinkerhoff Quade & Douglas, Inc.
Dennis Mann, Johnson & Mendenhall
Kaiser Engineers/Estimators Corp.
North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
DEL AMO STATION & TPS/S
SHEET 1 OF 2

CONTRACT NO. R01-T01-C275
DRAWING NO.
LN-7122
REV. SHEET NO.
24
SCALE
1" = 20'-0"

MATCH LINE SEE DWG. LN.7122



NOTE: REFER TO DWG. LN-7122
PLANT SCHEDULE AND NOTES.

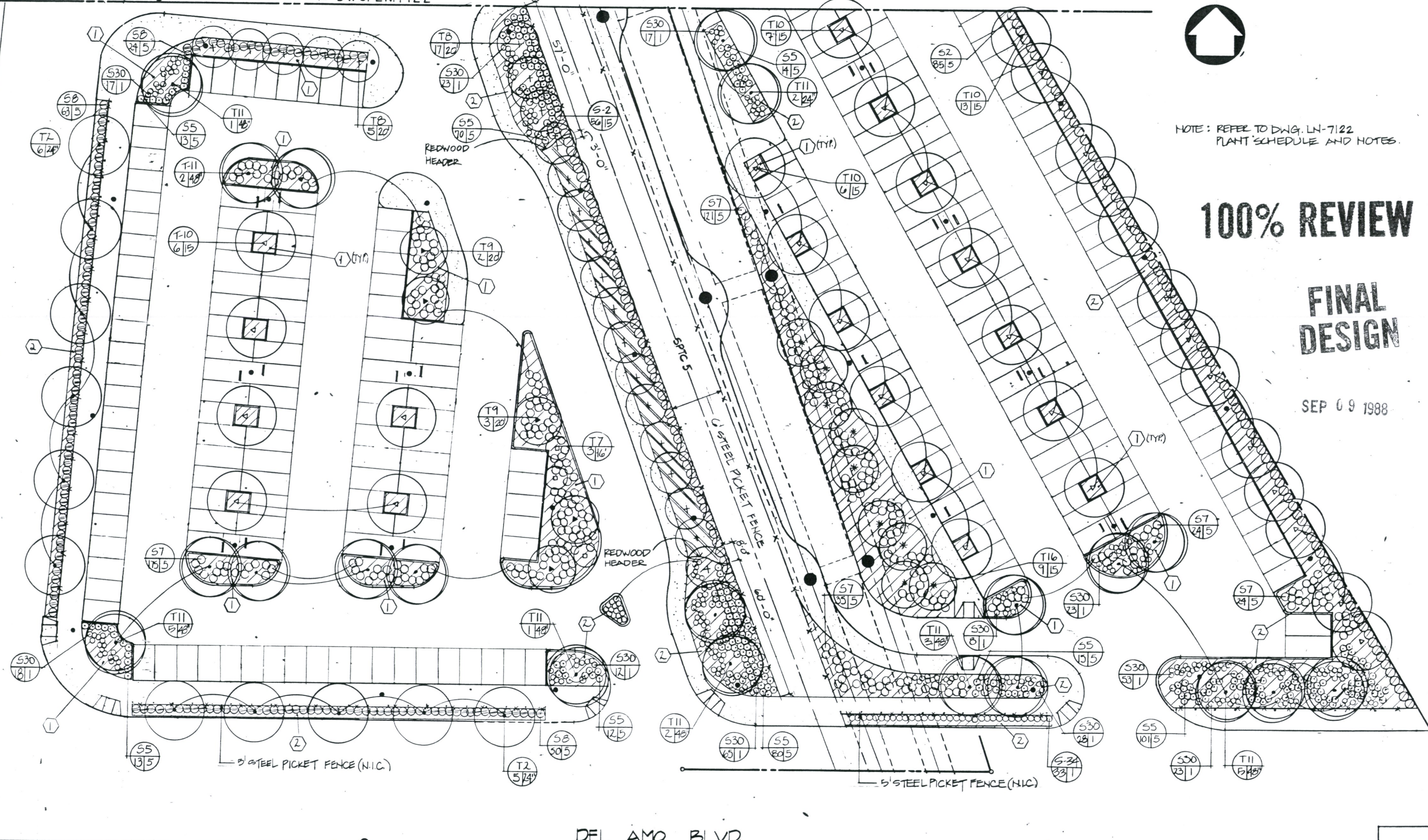
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FINAL DESIGN

SEP 09 1988

SANTA FE AVE.

DEL AMO BLVD.



Project Number	Cost Element	Line Item	Contract Designator	Physical Entity	Work Element
10-17-88					
REV. DATE	DESCRIPTION		BY	APP.	
	ISSUED FOR BIDS				

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DRAWN BY
S. PEARSON
CHECKED BY
J. Williams
APPROVED BY
S. Pearson
DATE 9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
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 - North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

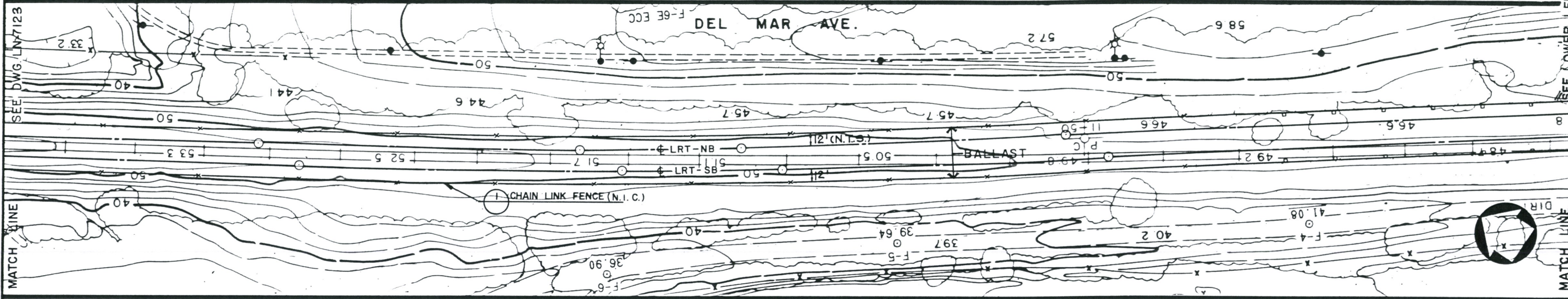
LANDSCAPING
DEL AMO STATION & TPS/S
SHEET 2 OF 2

CONTRACT NO. RO1-TOI-C275
DRAWING NO.
LN-7123
REV. SHEET NO.
25
SCALE
1" = 20'-0"

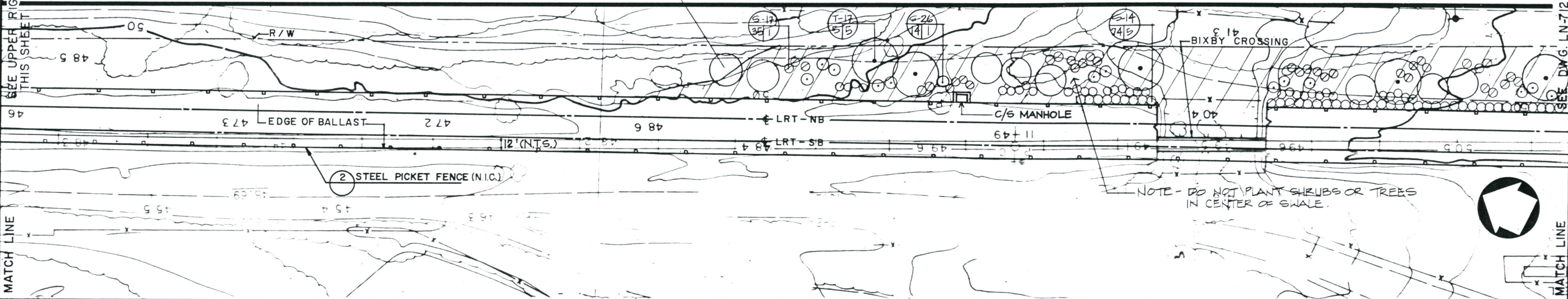
AVERY PL.

TERRYLYNN PL.

DEL MAR AVE.



PLANT			SCHEDULE		
SYMBOL	BOTANICAL NAME	REMARKS	SYMBOL	BOTANICAL NAME	REMARKS
TREES:			S-26	TECOMARIA CAPENSIS	
T-17	ACACIA MELANOXYLON		S-27	CORTADERIA SELLOANA	
SHRUBS:			GROUND COVER:		
S-14	CARISSA GRANDIFLORA	PLANT 5'-0" O.C.	G-1	GAZANIA - HYDROSEED MIX, SEE SPECS.	
S-17	BOUGAINVILLEA SPECTABILIS				



100% REVIEW

FINAL DESIGN

SEP 09 1988



Project Number	
Cost Element	
Line Item	
Contract Designator	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
10-17-88		ISSUED FOR BIDS		

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. FIORENZA
DRAWN BY
S. FIORENZA
CHECKED BY
A. Williams
APPROVED BY
J. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

SUBMITTED: _____

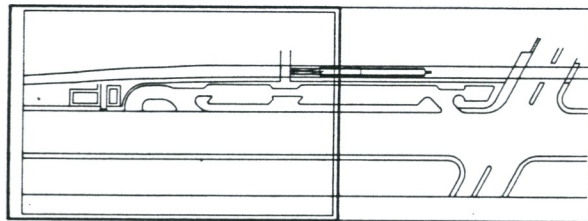
Southern California Rail Consultants
A Joint Venture of
Parsons Brinckerhoff Quade & Douglas, Inc.
Kaiser Engineers (California) Corporation
Daniel, Mann, Johnson, & Mendenhall

APPROVED: _____

LANDSCAPING
R.O.W.: L.A. RIVER TO
WARDLOW TPS/S

SHEET 1 OF 2

CONTRACT NO. ROI-T01-C275	
DRAWING NO. LN-7124	
REV.	SHEET NO. 26
SCALE 1" = 30'-0"	



WARDLOW STATION KEYPLAN

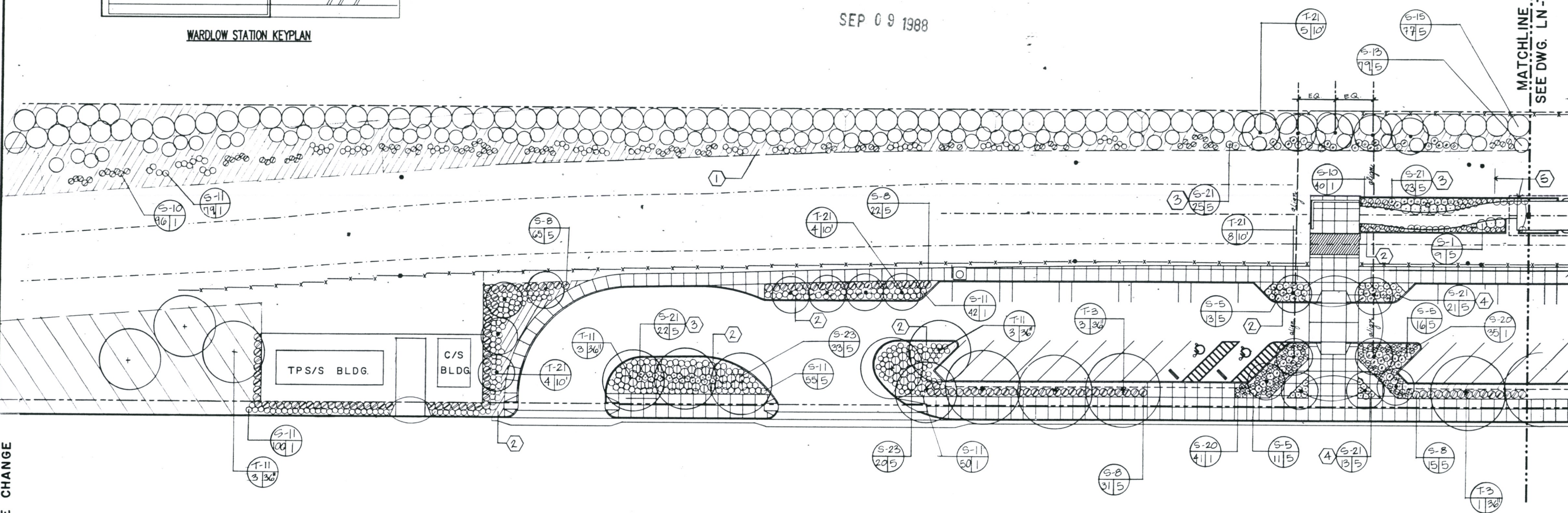
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FINAL DESIGN

SEP 09 1988



MATCHLINE SEE DWG. LN-7128



MATCHLINE SEE DWG. LN-7126
NOTE SCALE CHANGE

PACIFIC PLACE

PLANT SCHEDULE					
SYMBOL	BOTANICAL NAME	REMARKS	SYMBOL	BOTANICAL NAME	REMARKS
TREES:			SHRUBS (CONT'D.)		
T-3	CUPANIOPSIS ANACARDOIDES	MULTI-TRUNK; 30' O.C.	S-11	AGAPANTHUS 'DWARF WHITE'	
T-11	TABEBUIA IPE		S-13	PLUMBAGO CAPENSIS	
T-21	ARCHONTOPHOENIX CUNNINGHAMIANA	HT. REFERS TO BROWN TRNK.	S-15	NERIUM OLEANDER 'WHITE'	
SHRUBS:			S-20	LIRIOPE MUSCARI 'MAJESTIC'	
S-1	NERIUM OLEANDER 'PETITE PINK'		S-21	HEMEROCALLIS HYBRID	SEE NOTES (3) & (4)
S-5	ESCALLONIA 'NEWPORT DWARF'		S-23	PITTOSPORUM TOBIRA 'WHEELER'S DWARF'	
S-8	RAPHIOLEPIS INDICA 'COATES CRIMSON'		GROUND COVER:		
S-10	AGAPANTHUS 'PETER PAN'		Q-1	GAZANIA HYBRID-	SEE NOTES (1) & (2)
NOTES -			IRRIGATED HYDROSEED MIX. SEE SPECIFICATIONS FOR SEED MIX.		

- (1) 'WHITE TRAILING GAZANIA' @ 18" O.C. @ 2:1 SLOPE. ALL OTHER PLANTING AREAS SHALL HAVE (2). DO NOT PLANT WITHIN 3'-0" OF BALLAST.
- (2) GAZANIA HYBRID 'AZTEC QUEEN' @ 6" O.C.
- (3) HEMEROCALLIS HYBRID - 'BUMPER CROP', 36" TALL; PINK/APRICOT OR APPROVED EQUIV.
- (4) HEMEROCALLIS HYBRID - 'GALLANT'S FANCY', 18" TALL; PINK; OR APPROVED EQUIV.
- (5) SHRUBS TO BE CENTERED IN THIS PLANTER AREA.

Project Number	10-788	ISSUED FOR BIDS	REV. DATE	DESCRIPTION	BY	APP.
Cost Element						
Line Item						
Contract Designator						
Physical Entity						
Work Element						

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DESIGNED BY
S. FORENZA
DRAWN BY
S. FORENZA
CHECKED BY
J. Williams
APPROVED BY
J. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

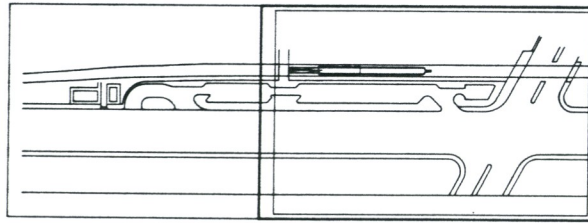
TRANS Transit Consultants of Southern California
A Joint Venture of:
Parsons Brinckerhoff Quade & Douglas, Inc.
Daniel Mann Johnson & Mendenhall
Kaiser Engineers (California) Corp.
North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
WARDLOW STATION & TPS/S

SHEET 1 OF 2

CONTRACT NO. ROI-T01-C275
DRAWING NO. **LN-7126**
REV. SHEET NO. **28**
SCALE 1" = 20'-0"

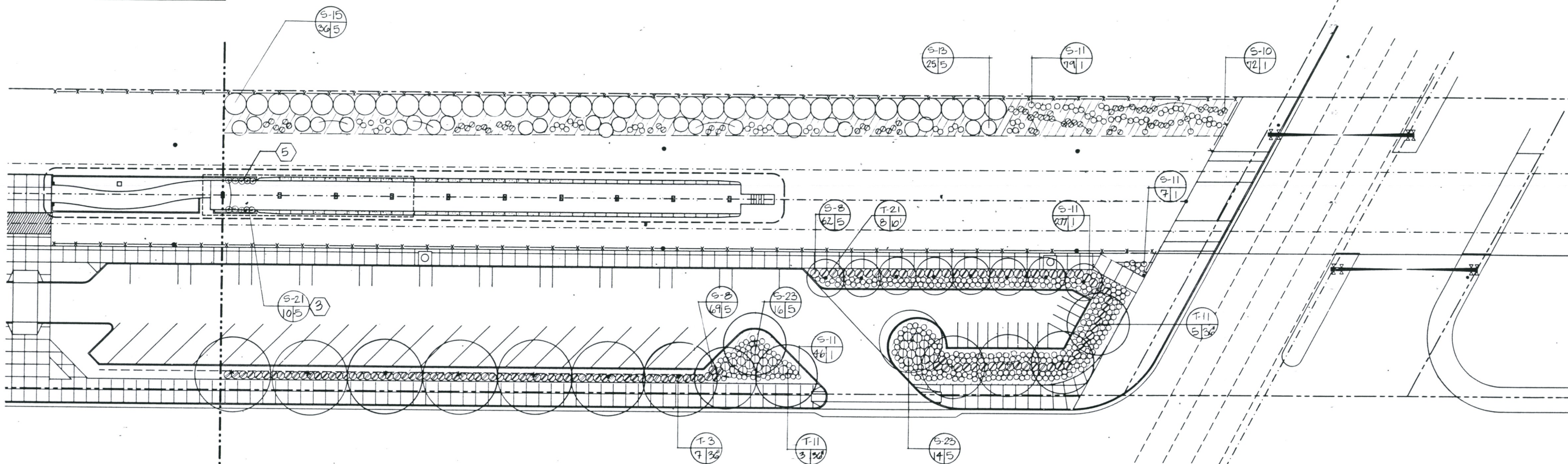


WARDLOW STATION KEY PLAN

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FINAL DESIGN

SEP 09 1988



PLANT SCHEDULE		
SYMBOL	BOTANICAL NAME	REMARKS
TREES:		
T-3	CUPANIOPSIS ANACARDIODES	MULTI-TRUNK
T-11	TABEBUIA IPE	
T-21	ARCHONTOPHOENIX CUNNINGHAMIANA	
SHRUBS:		
S-21	HEMEROCALLIS HYBRID	SEE NOTE (3)
S-8	RAPHIOLEPIS INDICA 'COATS CRIMSON'	
S-10	AGAPANTHUS 'PETER PAN'	
S-11	AGAPANTHUS 'DWARF WHITE'	
S-13	PLUMBAGO CAPENSIS	
S-15	NERIUM OLEANDER 'WHITE'	PLANT 8" O.C.
S-23	PITTIOSPORUM TOBIRA 'WHEELER'S DWARF'	
GROUND COVER:		
G-1	GAZANIA HYBRID 'AZTEC QUEEN'	PLANT 8" O.C.

NOTES -
 (3) HEMEROCALLIS 'BUMPER CROP' OR APPROVED EQUIV. 36" TALL, PINK/APRICOT COLOR.
 (5) SHRUBS TO BE CENTERED IN THIS PLANTER AREA.

Project Number	10-17-88
Cost Element	ISSUED FOR BIDS
Line Item	
Contract Designer	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
	10-17-88	ISSUED FOR BIDS		

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. FIORENZA
 DRAWN BY
S. FIORENZA
 CHECKED BY
J. Wilkerson
 APPROVED BY
J. Pearson
 DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 The Long Beach-Los Angeles Rail Transit Project

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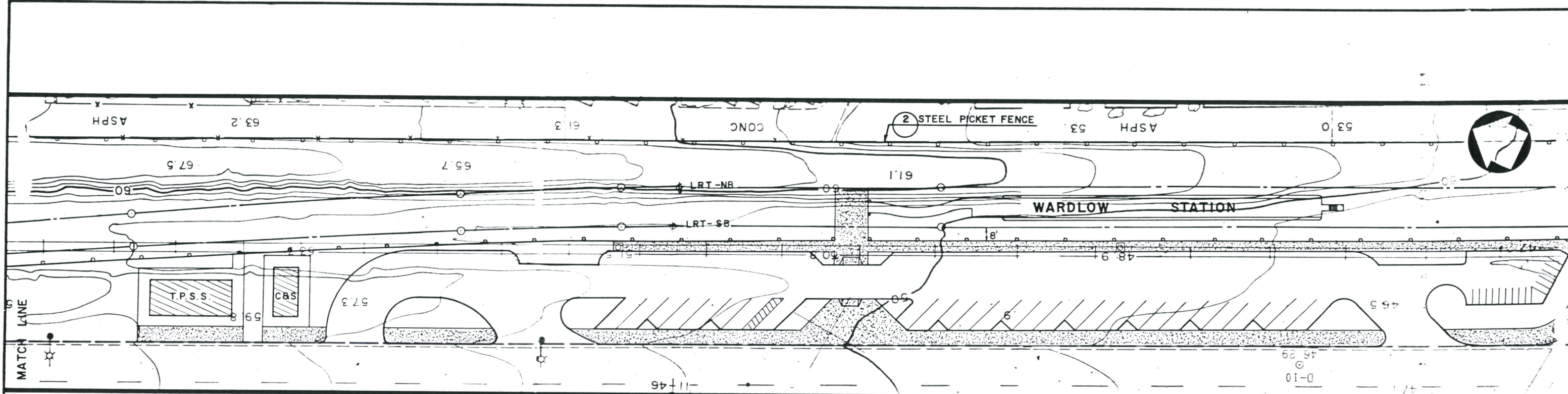
TRANS
 Transit Consultants of Southern California
 A Joint Venture of:
 Parsons Brinckerhoff Quade & Douglas, Inc.
 Daniel Mann Johnson & Mendenhall, Inc.
 Kiewit Engineers (California) Corp.
 North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
 WARDLOW STATION & TPS/S
 SHEET 2 OF 2

CONTRACT NO. R01-T01-C275
 DRAWING NO.
LN-7127
 REV. SHEET NO.
29
 SCALE
 1" = 20'-0"

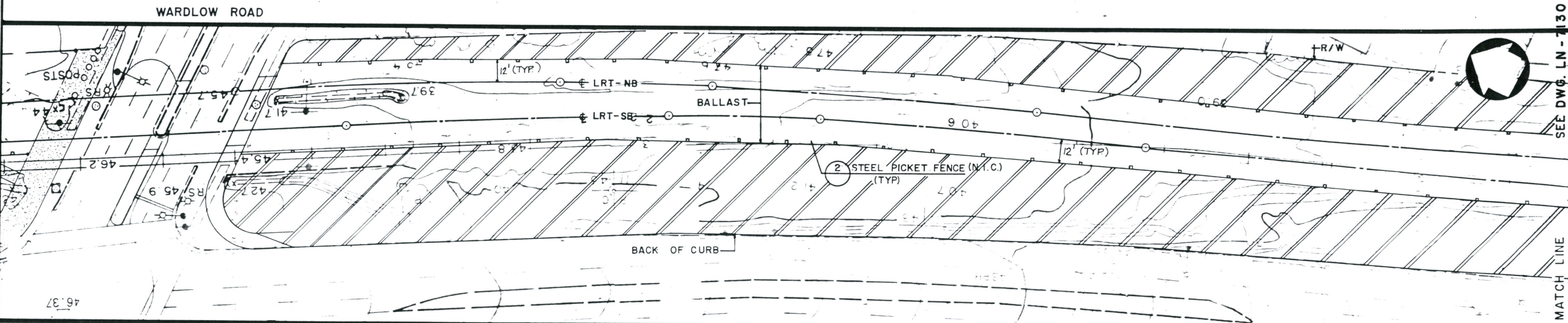




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NON-IRRIGATED HYDROSEED MIX



Project Number	10-17-88
Cost Element	ISSUED FOR BIDS
Line Item	
Contract Designer	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
10-17-88		ISSUED FOR BIDS		

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DESIGNED BY
S. FIORENZA

DRAWN BY
S. FIORENZA

CHECKED BY
S. Williams

APPROVED BY
J. Brown

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

Southern California Rail Consultants
A Joint Venture of
• Parsons Brinckerhoff Quade & Douglas, Inc.
• Kaiser Engineers (California) Corporation
• Daniel, Mann, Johnson, & Mendenhall

SUBMITTED: _____ APPROVED: _____

LANDSCAPING

R.O.W.: WARDLOW ROAD TO WILLOW TPS/S

SHEET 1 OF 3

CONTRACT NO. RO1-T01-C275	
DRAWING NO. LN-7128	
REV.	SHEET NO. 30
SCALE 1" = 30'-0"	

SEE DWG. LN-7130

MATCH LINE

SEE DWG. LN-712B

SEE LOWER LEFT THIS SHT.

MATCH LINE

MATCH LINE

SEE UPPER RIGHT THIS SHT.

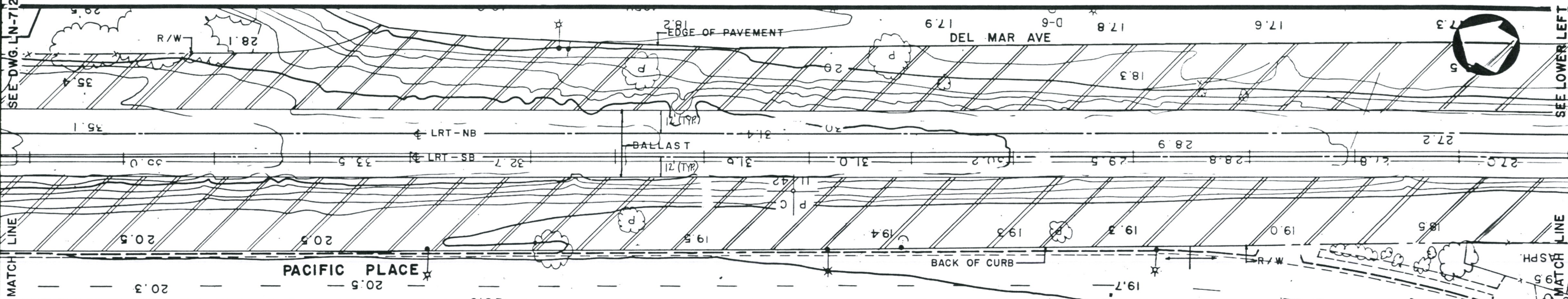
SEE DWG. LN-713D

MATCH LINE

MATCH LINE

PACIFIC AVE.

PARK LN.

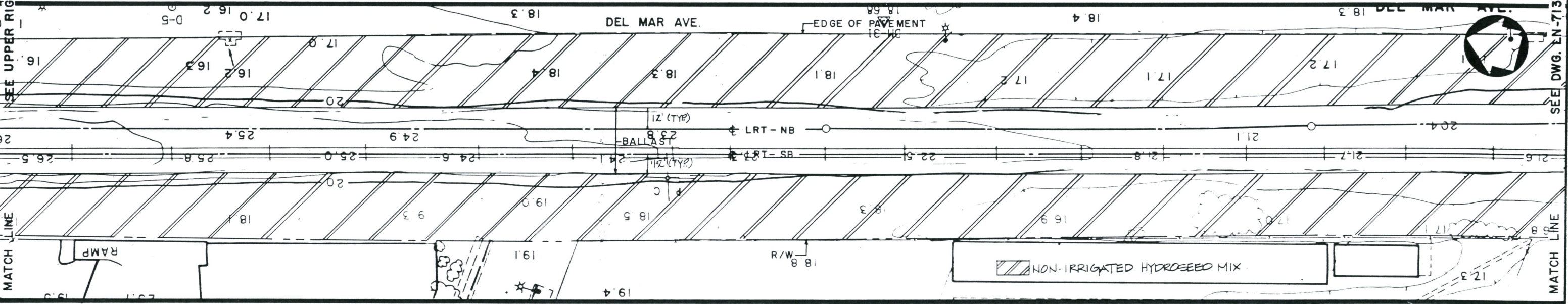


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SEP 09 1988

ELDRIGE AVE



NON-IRRIGATED HYDROSEED MIX



Project Number	Cost Element	Line Item	Contract Designator	Physical Entity	Work Element
10-17-88	ISSUED FOR BIDS				
REV.	DATE	DESCRIPTION	BY	APP.	

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DESIGNED BY
S. FIORENZA
DRAWN BY
S. FIORENZA
CHECKED BY
J. Williams
APPROVED BY
D. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

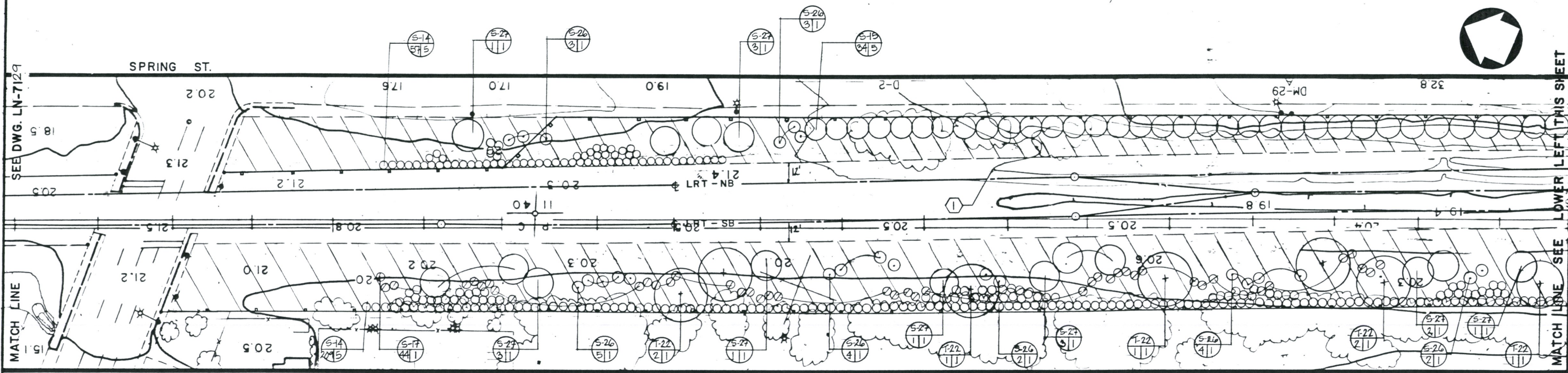
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Parsons Brinckerhoff Quade & Douglas, Inc.
Kaiser Engineers (California) Corporation
Daniel, Mann, Johnson & Mendenhall

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
R.O.W.: WARDLOW ROAD TO WILLOW TPS/S
SHEET 2 OF 3

CONTRACT NO. ROI-TOIC275	
DRAWING NO. LN-7129	
REV.	SHEET NO. 31
SCALE 1" = 30'-0"	

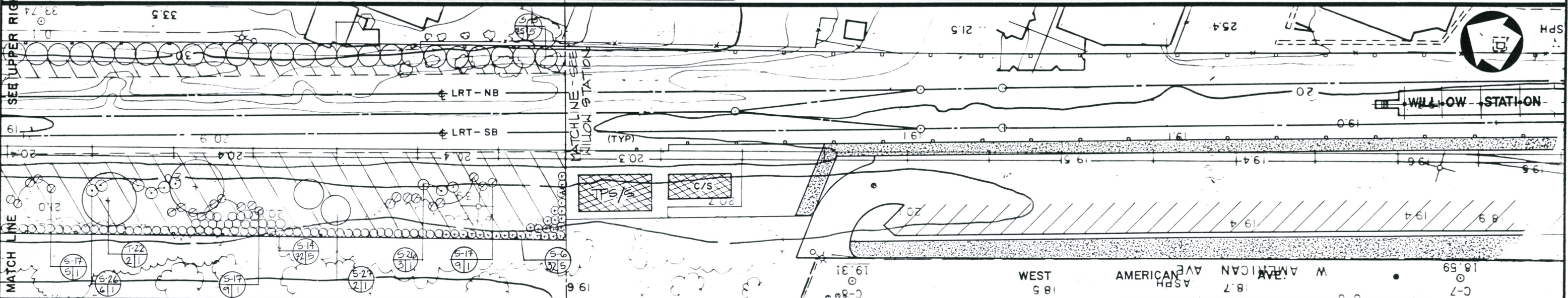


SPRING ST.
DEL MAR AVE.

PLANT SCHEDULE		
SYMBOL	BOTANICAL NAME	REMARKS
TREES:		
T-22	EUCALYPTUS RUDIS	
SHRUBS:		
S-6	RAPHIOLEPIS INDICA 'CLARA'	
S-14	CARISSA GRANDIFLORA	PLANT 5'-0" OC.
S-15	NERIUM OLEANDER 'WHITE'	

PLANT SCHEDULE		
SYMBOL	BOTANICAL NAME	REMARKS
S-17	BOUGAINVILLEA SPECTABILIS	
S-26	TECOMARIA CAPENSIS	
S-27	CORTADERIA SELLOANA	
GROUND COVER:		
IRRIGATED HYDROSEED MIX. SEE SPECIFICATIONS FOR SEED MIX.		

NOTES
 (1) GROUND COVER TO BE HYDROSEED TO EDGE OF BALLAST.



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 SEP 09 1988



Project Number	10-17-88
Cost Element	ISSUED FOR BIDS
Line Item	
Contract Designator	
Physical Entity	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
1	10-17-88	ISSUED FOR BIDS		

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DESIGNED BY
S. FIORENZA
 DRAWN BY
S. FIORENZA
 CHECKED BY
A. Williams
 APPROVED BY
J. Pearson
 DATE 9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 The Long Beach-Los Angeles Rail Transit Project

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Southern California Rail Consultants
 A Joint Venture of
 ■ Parsons Brinckerhoff Guide & Douglas, Inc.
 ■ Kaiser Engineers (California) Corporation
 ■ Daniel, Mann, Johnson, & Mendenhall

LANDSCAPING
 R.O.W.: WARDLOW ROAD TO WILLOW TPS/S
 SHEET 3 OF 3

CONTRACT NO. R.O.I-T01-C275
 DRAWING NO. LN-7130
 REV. SHEET NO. 32
 SCALE 1" = 30'-0"



MATCH LINE - SEE DWG. LN-7131

MATCH LINE - SEE DWG. LN-7131

5-15
63/5

SCALE CHANGE

5-6
33/5

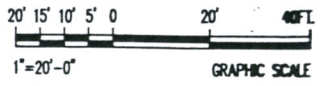
5-16
8/5
5-11
2/1
5-11
15/1
5-16
204/5
T-20
2/24
T-20
2/24

5-30
22/1

T-21
25/10' HT

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SEP 09 1988



Work Element	Physical Entity	Contract Designator	Line Item	Cost Element	Project Number

REV.	DATE	DESCRIPTION	APP.
10	7-88	ISSUED FOR BIDS	

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DESIGNED BY
S. PEARSON
DRAWN BY
S. PEARSON
CHECKED BY
J. Williams
APPROVED BY
S. Pearson
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

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TRANS
General Consultants of Southern California
A Joint Venture of:
Parsons Brinckerhoff Quade & Douglas, Inc.
Daniel Mann Johnson & Mendenhall
Kiewit Engineers (California) Corp.
South Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

LANDSCAPING
WILLOW STATION & TPS/S
SHEET 1 OF 3

CONTRACT NO. LA-TC-275	
DRAWING NO. LN-7131	
REV.	SHEET NO. 33
SCALE 1" = 20'-0"	

100% REVIEW

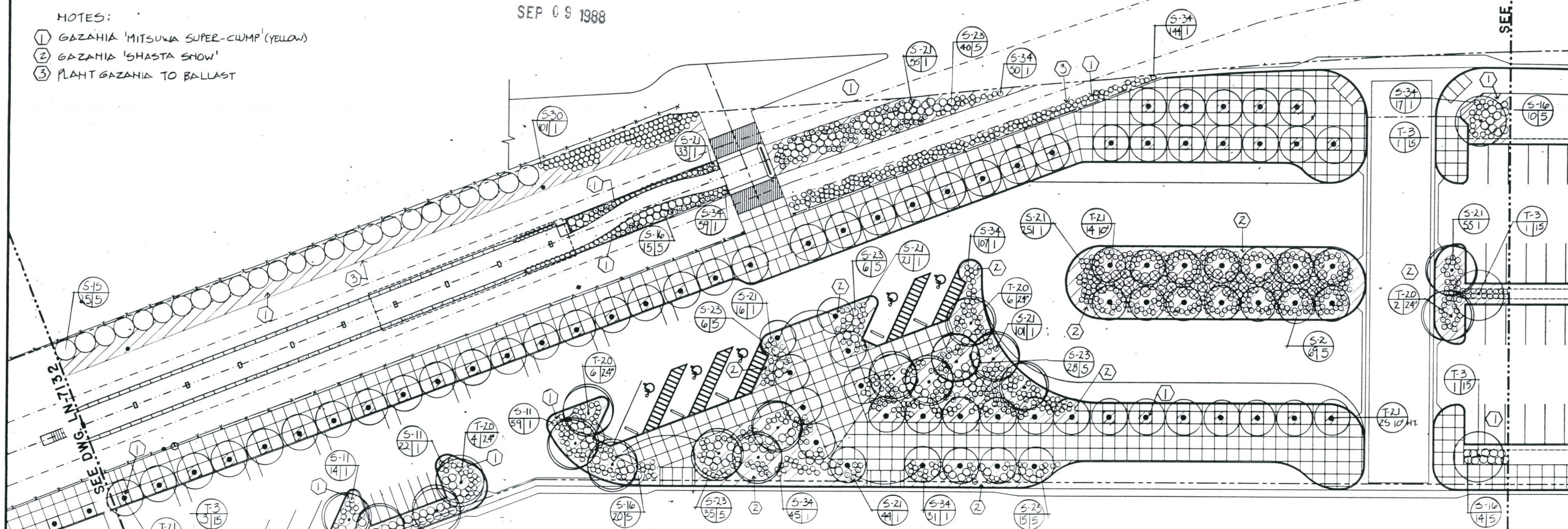


FINAL DESIGN

SEP 09 1988

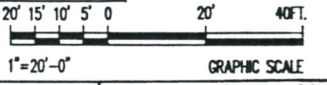
NOTES:

- ① GAZANIA 'MITSUWA SUPER-CWMP' (YELLOW)
- ② GAZANIA 'GHASTA SNOW'
- ③ PLANT GAZANIA TO BALLAST



PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	REMARKS	SYMBOL	BOTANICAL NAME	REMARKS
TREES:					
T-3	CUPANIOPSIS AHACARDIODES		S-21	HEMEROCALLIS HYBRID 'RODNEY KENNON' OR EQVN.	HT. 24", YELLOW FLOWER
T-20	CASSIA LEPTOPHYLLA		S-23	PITTIOSPODIUM 'DORA WHEELER'S DWARF'	
T-21	ARCHONTOPHOEIX CUMMINGHAMIANA	HT. REMOVED TO BROWN TRUNK	S-30	AGAPANTHUS AFRICANUS	
SHRUBS:					
S-2	NERIUM OLEANDER 'CASA BLANCA'		S-34	AGAPANTHUS 'QUEEN ANNIE'	
S-11	AGAPANTHUS 'DWARF WHITE'		GROUND COVER		
S-15	NERIUM OLEANDER 'WHITE'	PLANT 8' O.C.	G1	GAZANIA HYBRID-SEE NOTES ABOVE FOR COLOR	PLANT FLOCH PLATS @ 8" O.C.
S-16	ILEX VOMITORIA 'STOKES DWARF'	PLANT 2'-6" O.C.			



Work Element	
Physical Entity	
Contract Designer	
Line Item	
Cost Element	
Project Number	

REV.	DATE	DESCRIPTION	APP.
10-17-88		ISSUED FOR BIDS	

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DESIGNED BY
S. PEARSON

DRAWN BY
S. PEARSON

CHECKED BY
J. Williams

APPROVED BY
S. Pearson

DATE 9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS
Transit Consultants of Southern California

APPROVED: _____

LANDSCAPING

WILLOW STATION & TPS/S

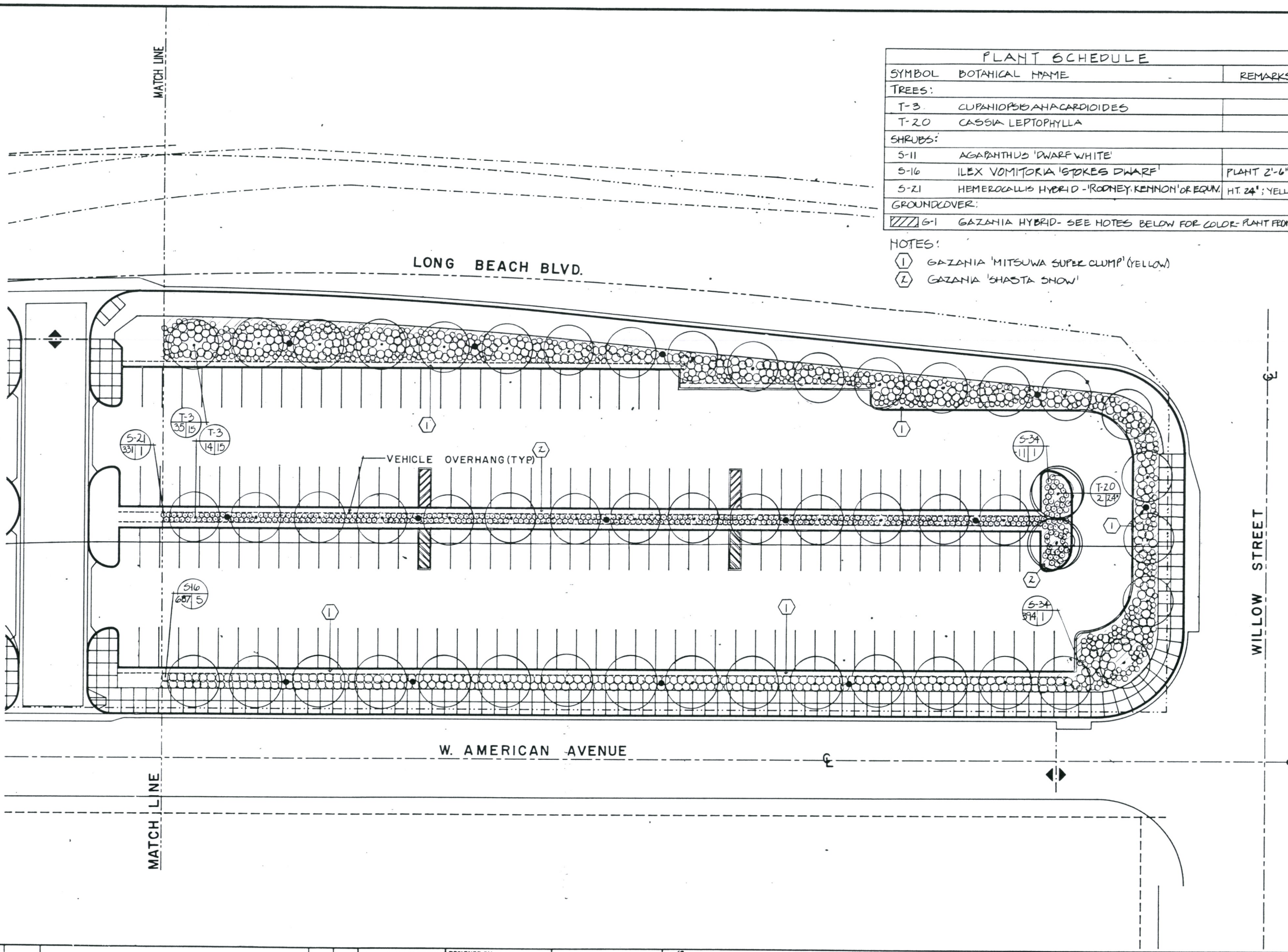
SHEET 2 OF 3

CONTRACT NO. 901-T01-C275	
DRAWING NO. LN-7132	
REV.	SHEET NO. 34
SCALE 1" = 20'-0"	



PLANT SCHEDULE		
SYMBOL	BOTANICAL NAME	REMARKS
TREES:		
T-3	CUPANIOPSIS AHACARDIODES	
T-20	CASSIA LEPTOPHYLLA	
SHRUBS:		
S-11	AGAPANTHUS 'DWARF WHITE'	
S-16	ILEX VOMITORIA 'STOKES DWARF'	PLANT 2'-6" O.C.
S-21	HEMEROCALLIS HYBRID - 'RODNEY KENNON' OR EQUIV.	HT. 24"; YELLOW FLOWER
GROUND COVER:		
6-1	GAZANIA HYBRID - SEE NOTES BELOW FOR COLOR - PLANT FROM PLANS @ BDC	

- NOTES:
- ① GAZANIA 'MITSUWA SUPER CLUMP' (YELLOW)
 - ② GAZANIA 'SHASTA SNOW'



100% REVIEW

FINAL DESIGN

SEP 05 1988

Project Number	10-17-88
Line Item	ISSUED FOR BIDS
Cost Element	
Work Element	

REV.	DATE	DESCRIPTION	BY	APP.
10-17-88		ISSUED FOR BIDS		

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DESIGNED BY
S. PEARSON

DRAWN BY
S. PEARSON

CHECKED BY
J. Williams

APPROVED BY
S. Pearson

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

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Transit Consultants of Southern California
A Joint Venture of:
Parsons Brinckerhoff Quade & Douglas, Inc.
Daniel Mann, Johnson & Mendenhall
Kaiser Engineers (California) Corp.
North Pacific Construction Management

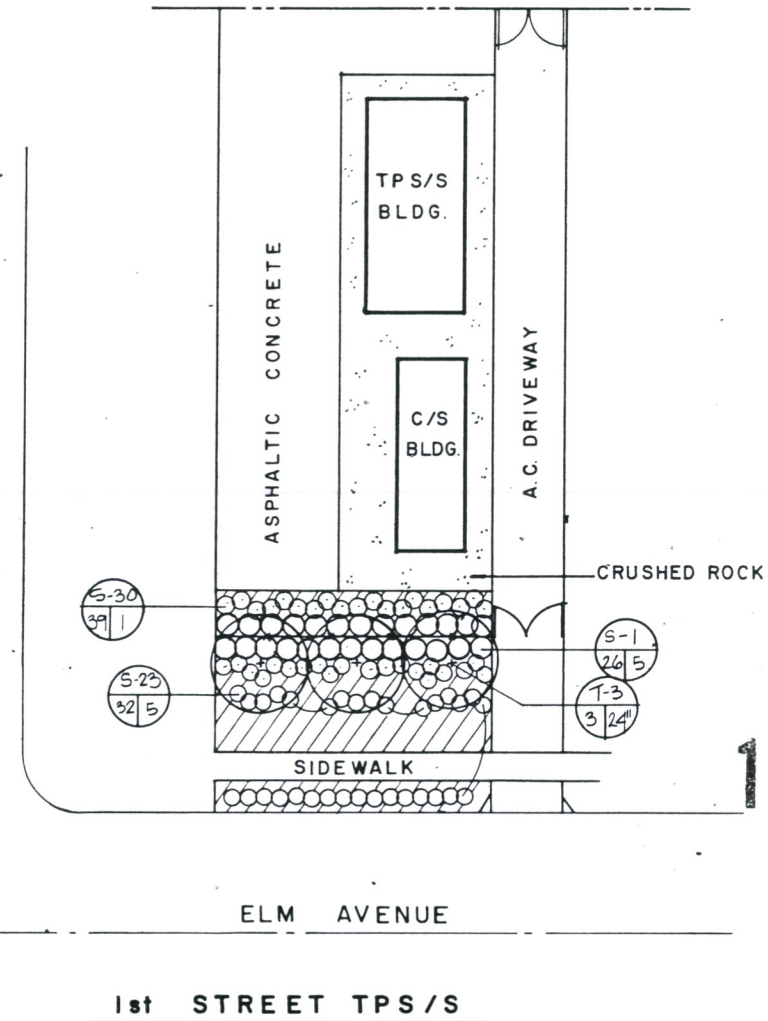
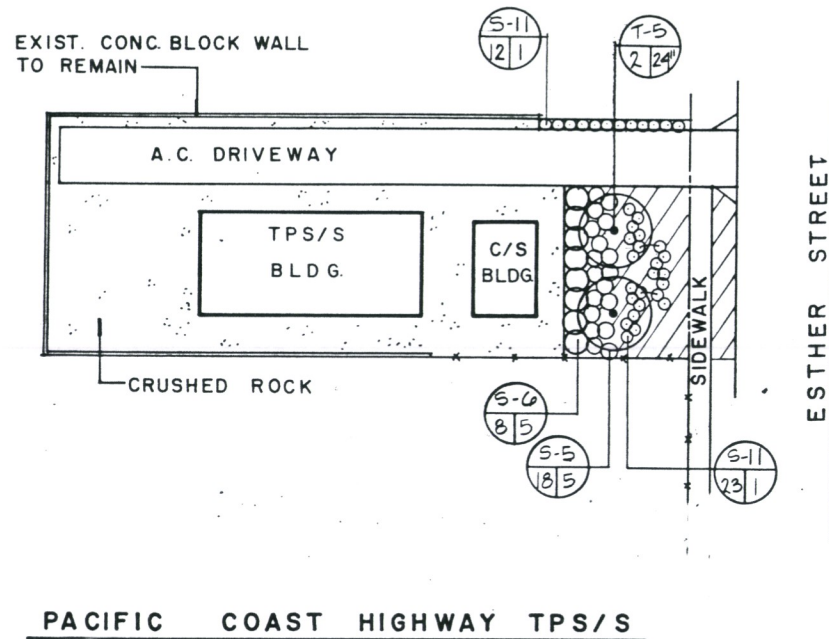
SUBMITTED: _____ APPROVED: _____

LANDSCAPING

WILLOW STATION & TPS/S

SHEET 3 OF 3

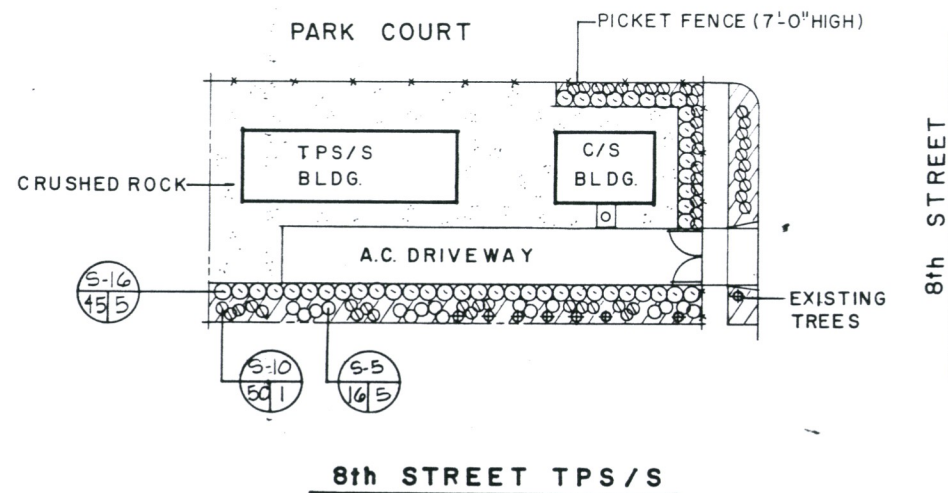
CONTRACT NO. ROI-T01-C275	
DRAWING NO. LN-7133	
REV.	SHEET NO. 35
SCALE 1" = 20'-0"	



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FINAL DESIGN

SEP 09 1988



PLANT SCHEDULE	
SYMBOL	BOTANICAL NAME
TREES:	
T-3	CUPANIOPSIS ANACARDIODES
T-5	RAPHIOLEPIS INDICA 'MAJESTIC BEAUTY'
SHRUBS:	
S-1	NERIUM OLEANDER 'PETITE PINK'
S-5	ESCALLONIA 'NEWPORT DWARF'
S-6	RAPHIOLEPIS INDICA 'CLARA'
S-10	AGAPANTHUS 'PETER PAN'
S-11	AGAPANTHUS 'DWARF WHITE'
S-16	MYRTUS COMMUNIS 'COMPACTA'
S-23	PITTIOSPORUM TOBIRA 'WHEELER'S DWARF'
S-30	AGAPANTHUS AFRICANUS
GROUND COVER:	
////	G-1 GAZANIA HYBRID 'SHASTA SNOW'



Work Element	
Physical Entity	
Contract Designator	
Line Item	
Cost Element	
Project Number	

REV.	DATE	DESCRIPTION	BY	APP.
10-17-88		ISSUED FOR BIDS		

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DESIGNED BY
S. FIORENZA

DRAWN BY
S. FIORENZA

CHECKED BY
[Signature]

APPROVED BY
[Signature]

DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS Transit Consultants of Southern California

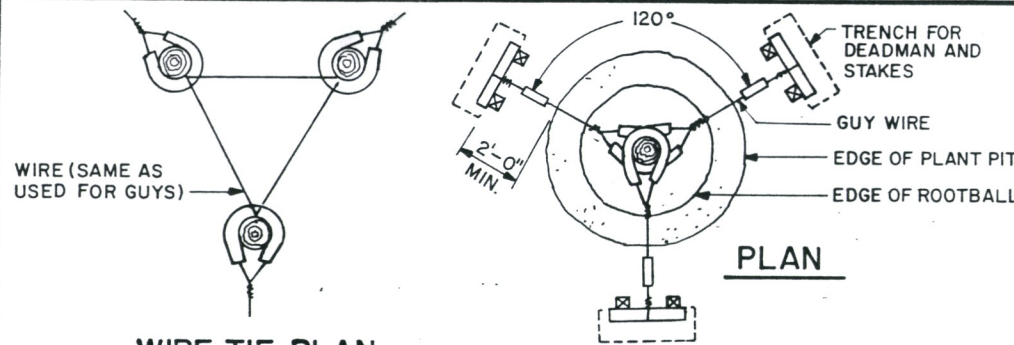
A Joint Venture of:
 ■ Parsons Brinckerhoff Quade & Douglas, Inc.
 ■ Daniel Mann Johnson & Mendenhall, Inc.
 ■ Kasser Engineers (California) Corp.
 ■ North Pacific Construction Management

SUBMITTED: _____ APPROVED: _____

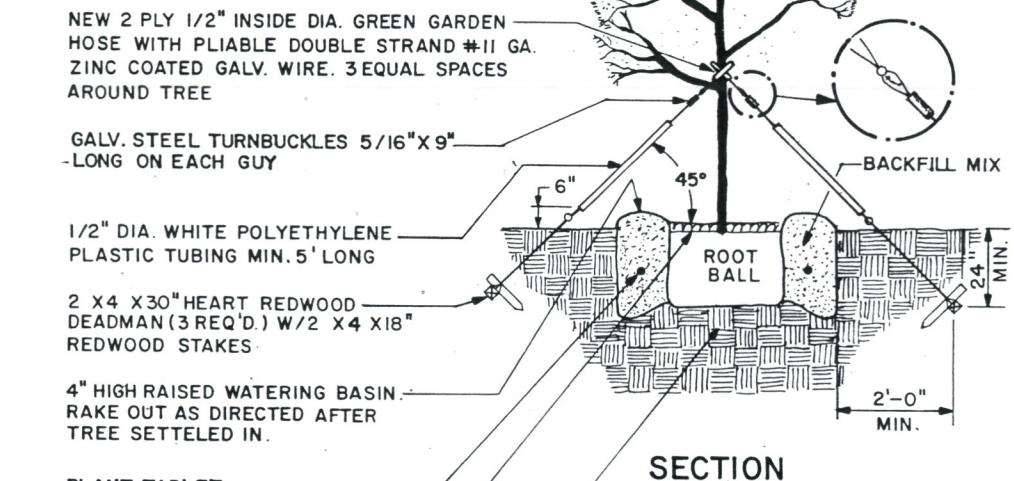
LANDSCAPING

TPS/S FACILITIES AT
PACIFIC COAST HIGHWAY,
1st STREET & 8th STREET

CONTRACT NO. ROI-T0-C275	
DRAWING NO. LN-7134	
REV.	SHEET NO. 36
SCALE 1" = 20'-0"	



WIRE TIE PLAN



SECTION

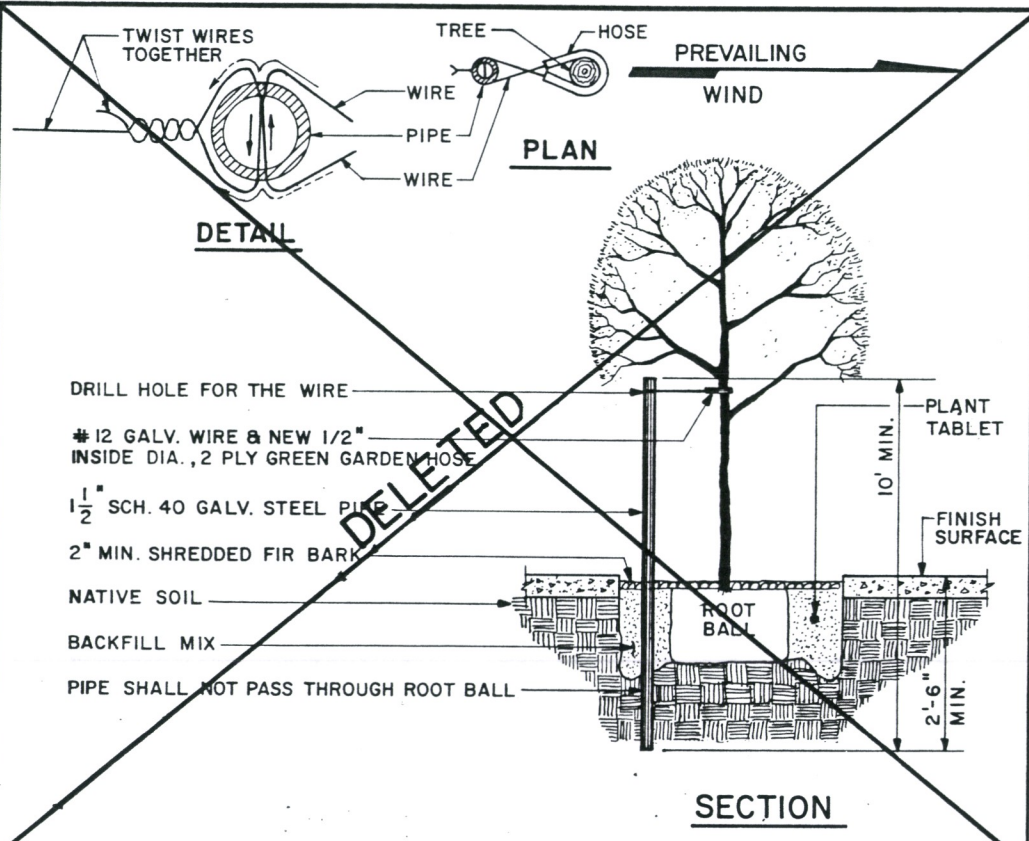
- NOTES:**
- 1.) INSTALL WIRE TIES BETWEEN INDIVIDUAL GUYS PRIOR TO TENSIONING TIES WHEN ATTACHING TO DIFFERENT BRANCES.
 - 2.) ATTACH HOSE TO TREE AT MAJOR TRUNKS OR BRANCHES ONLY.
 - 3.) GUY TREES 36" BOX AND LARGER AND ALL MULTI-TRUNK TREES.

E TREE GUYING

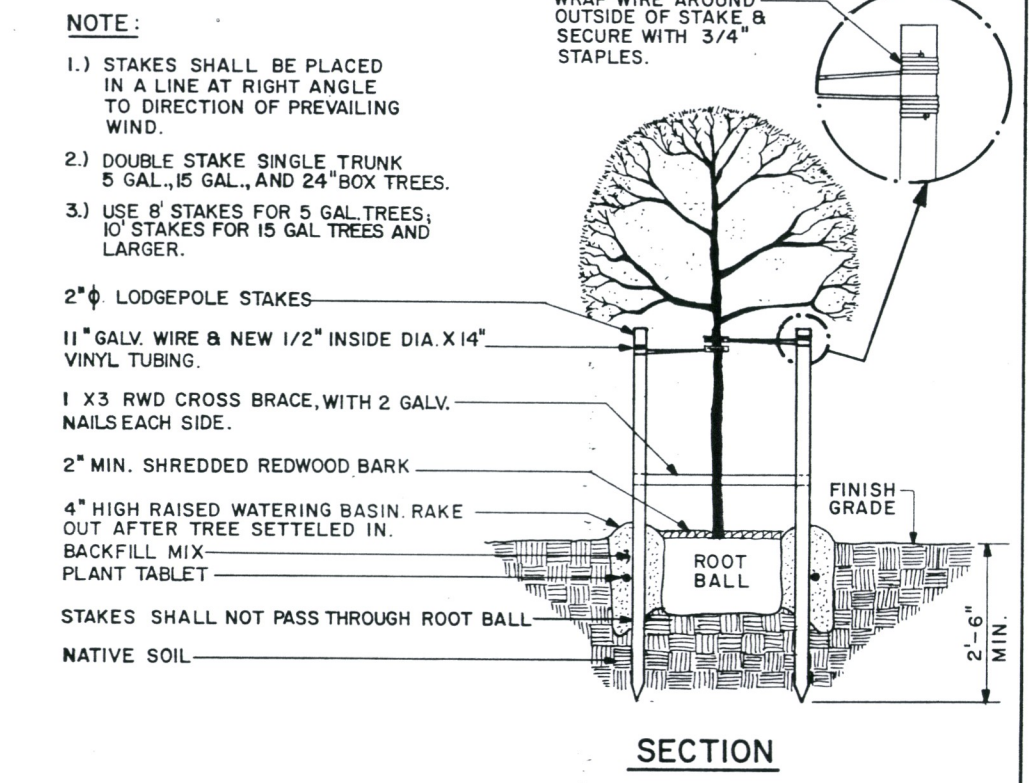
PLANT SPACING SCHEDULE		
A = TRIANGULAR SPACING	B = ROW SPACING	C = PERIMETER SET-BACK
8"	7"	6"
12"	10 1/2"	10"
18"	16"	12"
24"	21"	18"
36"	31"	24"

PLANTING GRID

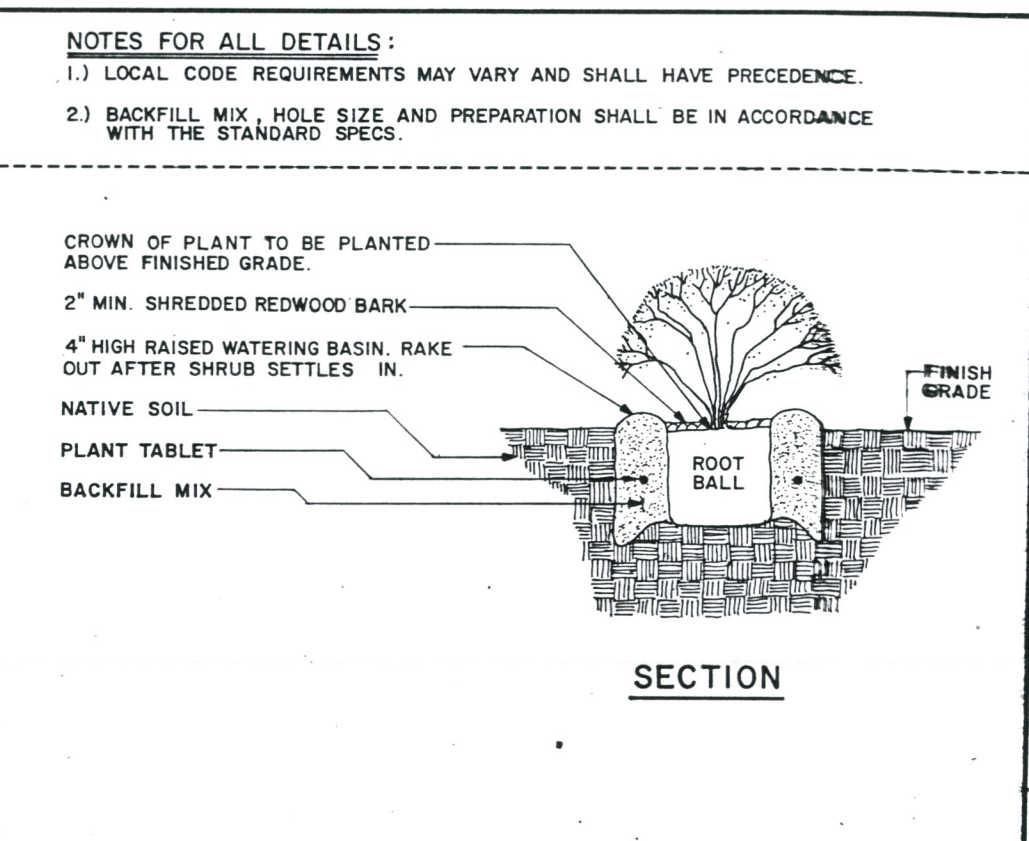
F GROUNDCOVER PLANTING



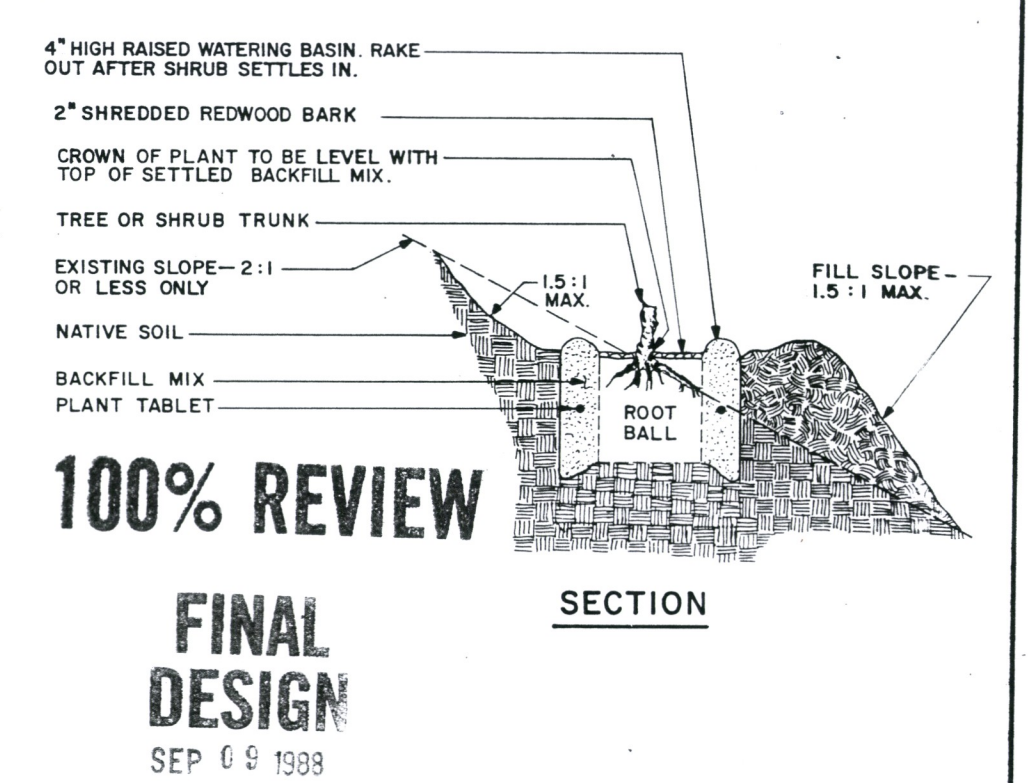
C STREET TREE STAKING



D DOUBLE TREE STAKING



A SHRUB PLANTING



B SHRUB & TREE SLOPE PLANTING

NOTES FOR ALL DETAILS:
 1.) LOCAL CODE REQUIREMENTS MAY VARY AND SHALL HAVE PRECEDENCE.
 2.) BACKFILL MIX, HOLE SIZE AND PREPARATION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECS.

100% REVIEW
FINAL DESIGN
 SEP 09 1988

Work Element	
Physical Entity	
Contract Designer	
Line Item	
Cost Element	
Project Number	

REV.	DATE	DESCRIPTION	BY	APP.
10-11-88		ISSUED FOR BIDS		

DESIGNED BY: S. PEARSON
 DRAWN BY: ROBERT GHOTANIAN
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 DATE: 9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 The Long Beach-Los Angeles Rail Transit Project

LACT
SCRC
 Southern California Rail Consultants

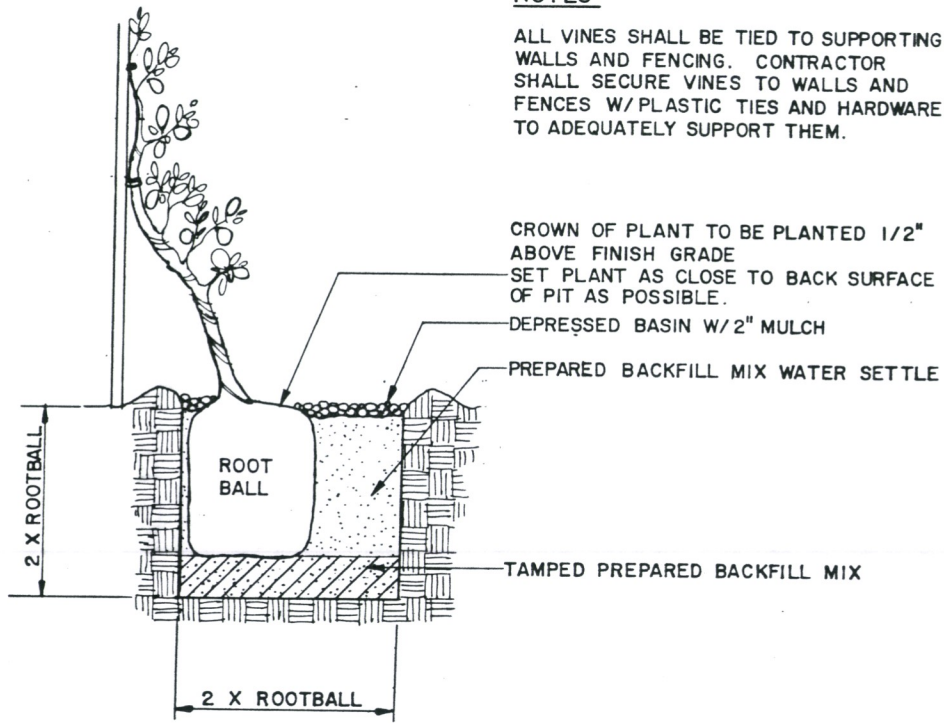
SUBMITTED: _____ APPROVED: _____

LANDSCAPING
PLANTING DETAILS
 SHEET 1 OF 2

CONTRACT NO. RA-TD1-C275
 DRAWING NO. LN-7135
 REV. SHEET NO. 37
 SCALE: NOT TO SCALE

NOTES:

ALL VINES SHALL BE TIED TO SUPPORTING WALLS AND FENCING. CONTRACTOR SHALL SECURE VINES TO WALLS AND FENCES W/ PLASTIC TIES AND HARDWARE TO ADEQUATELY SUPPORT THEM.

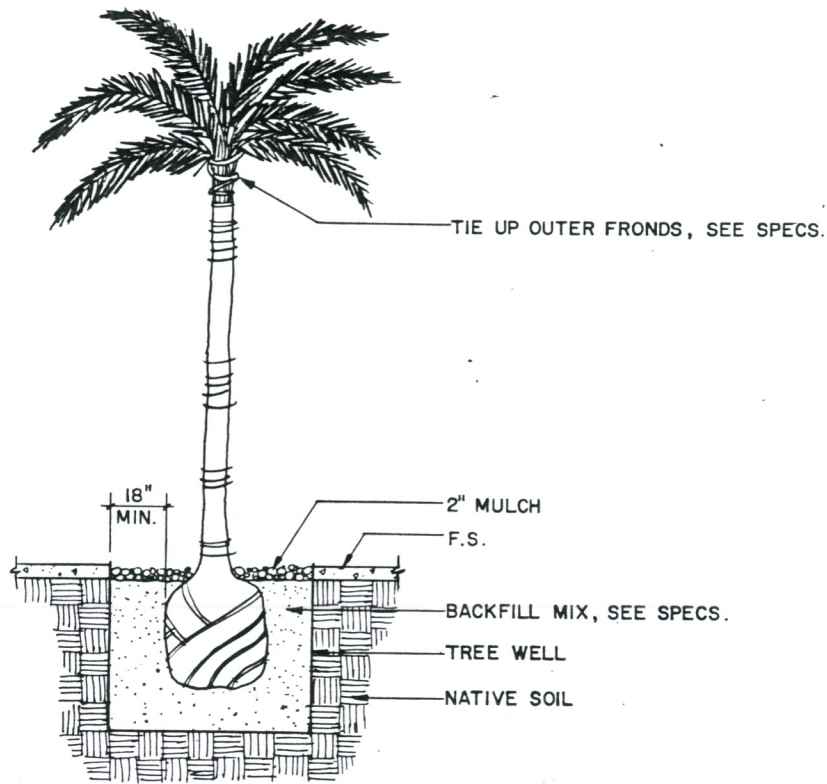


CROWN OF PLANT TO BE PLANTED 1/2" ABOVE FINISH GRADE
SET PLANT AS CLOSE TO BACK SURFACE OF PIT AS POSSIBLE.

DEPRESSED BASIN W/ 2" MULCH

PREPARED BACKFILL MIX WATER SETTLE

TAMPED PREPARED BACKFILL MIX



TIE UP OUTER FRONDS, SEE SPECS.

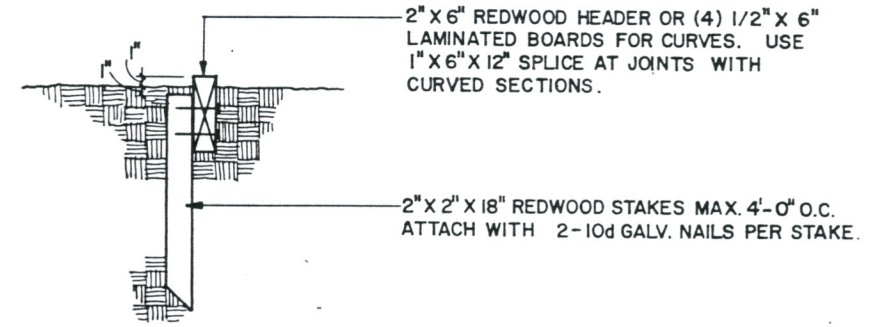
2" MULCH

F.S.

BACKFILL MIX, SEE SPECS.

TREE WELL

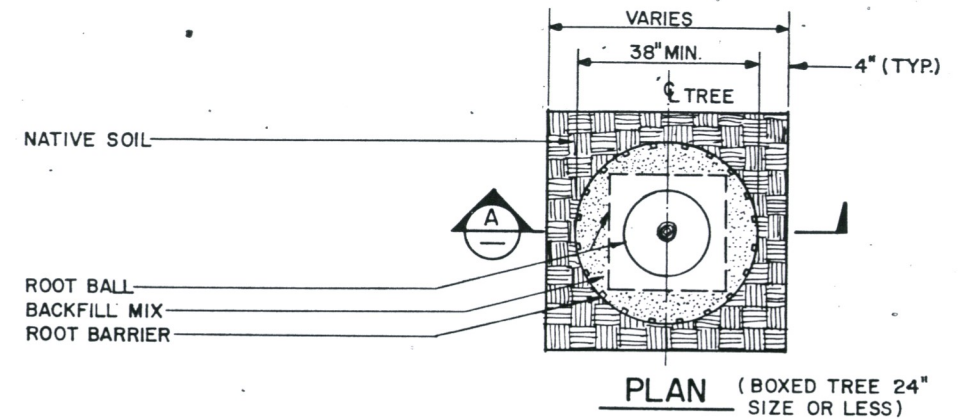
NATIVE SOIL



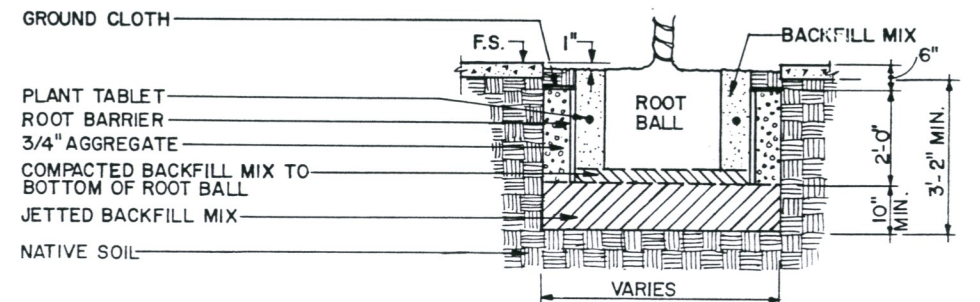
2" X 6" REDWOOD HEADER OR (4) 1/2" X 6" LAMINATED BOARDS FOR CURVES. USE 1" X 6" X 12" SPLICE AT JOINTS WITH CURVED SECTIONS.

2" X 2" X 18" REDWOOD STAKES MAX. 4'-0" O.C. ATTACH WITH 2-10d GALV. NAILS PER STAKE.

A REDWOOD HEADER DETAIL



PLAN (BOXED TREE 24" SIZE OR LESS)

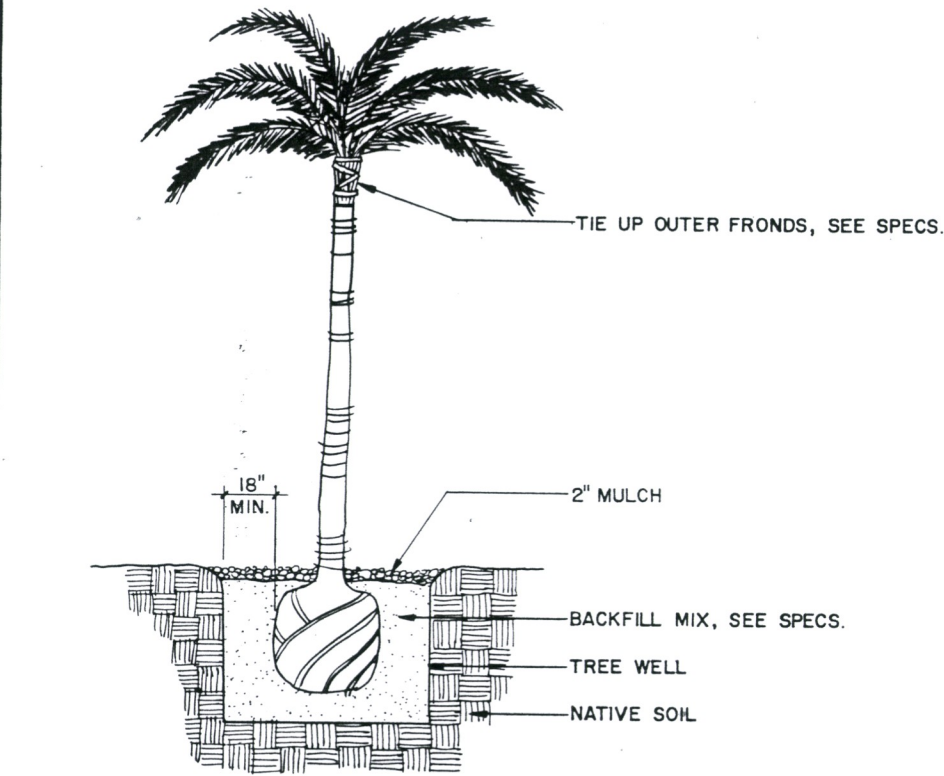


NOTES:

1) FINISHED SURFACE WHEN TREE WELL COVER OR GRATING IS NOT USED SHALL BE AS SHOWN ABOVE.

E VINE PLANTING DETAIL

C PALM PLANTING - PAVED AREA



TIE UP OUTER FRONDS, SEE SPECS.

2" MULCH

BACKFILL MIX, SEE SPECS.

TREE WELL

NATIVE SOIL

D PALM PLANTING - UNPAVED AREA

B TREE WELL

100% REVIEW

FINAL DESIGN

SEP 09 1988

Project Number	10-17-88
Line Item	ISSUED FOR BIDS
Cost Element	
Contract Designator	
Physical Entity	
Work Element	

Information confidential: all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Los Angeles County Transportation Commission; shall be held confidential; and shall not be used for any purpose not provided for in agreements with the Los Angeles County Transportation Commission.

DESIGNED BY
S. PEARSON
DRAWN BY
S. FINE
CHECKED BY
L. WILLSON
APPROVED BY
S. PEARSON
DATE
9-8-88

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

DMJM

TRANS
Transit Consultants of Southern California

APPROVED: _____

LANDSCAPING PLANTING DETAILS

SHEET 2 OF 2

CONTRACT NO. ROI-TOI-C 275	
DRAWING NO. LN-7136	
REV.	SHEET NO. 38
SCALE NOT TO SCALE	