

**CITY OF RIVERSIDE
DEPARTMENT OF PUBLIC WORKS**

**PALMYRITA AVENUE AND OXFORD STREET
STREET IMPROVEMENT PLANS**

CONSTRUCTION NOTES & QUANTITIES

ROADWAY EXCAVATION (INCLUDING 100 C.Y. COMPACTED FILL)	1,440 C.Y.
1- CONSTRUCT 5' A.C. PAVEMENT OVER 10" AGG. BASE. (PALMYRITA AVE.) PER SOILS REPORT ADDENDUM DATED 4/14/99 R= 42, SR. 1534	13,130 S.F.
2- CONSTRUCT 3' A.C. PAVEMENT OVER 8" AGG. BASE. (OXFORD AVE.) PER SOILS REPORT ADDENDUM DATED 4/14/99 R= 16, SR. 1534	6,460 S.F.
3- SAWCUT & REMOVE 12" OF EXIST. PAVEMENT.	751 S.F.
4- CONSTRUCT CONCRETE CURB & GUTTER, TYPE 1, 8" CURB FACE PER CITY OF RIVERSIDE STD. DWG. NO 200.	946 L.F.
5- CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY (0' TO 2 1/2')	1380 S.F.
6- CONSTRUCT CONCRETE SIDEWALK, 3/4" THICK, 4" AS SHOWN PER CITY OF RIVERSIDE STD. DWG. NO 325.	5,002 S.F.
7- CONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. DWG. NO 302.	514 S.F.
8- CONSTRUCT A.C. BERM, TYPE 1, PER CITY OF RIVERSIDE STD. DWG. NO 250.	93 L.F.
9- CONSTRUCT 3' A.C. DITCH LINING PER DETAIL ON SHEET 2. CONTRACTOR SHALL CONSTRUCT A.C. DITCH UPSTREAM (EAST) FROM STA 12+85.84 @ 0.70% UNTIL DAYLIGHT POINT WITH EXISTING EARTH DITCH FLOWLINE.	2,500 S.F.
10- CONSTRUCT CONCRETE CURB OUTLET, NO 1, PER STD. DWG. NO 410 (MODIFIED) AND PER DETAIL ON SHEET 2.	1 EA.
11- CONSTRUCT CONCRETE CURB INLET NO 2 PER STD. DWG. NO 410 (MODIFIED) AND PER DETAIL ON SHEET 3.	1 EA.
12- REMOVE EXISTING STORM DRAIN INLET; PLUG EXISTING 12" STORM DRAIN PIPE.	1 EA.
13- INSTALL TYPE F-1 DELINEATORS PER CITY OF RIVERSIDE STD. DWG. 665.	4 EA.
14- GAS VALVE CAN BE ADJUSTED OR RELOCATED BY OTHERS	
15- REMOVE EXISTING TREE	2 EA.
16- ADJUST SEWER MA TO GRADE	3 EA.
17- REMOVE EXISTING BLOCK WALL, CONSTRUCT NEW BLOCK WALL PER DETAIL ON SHEET 3	25 L.F.

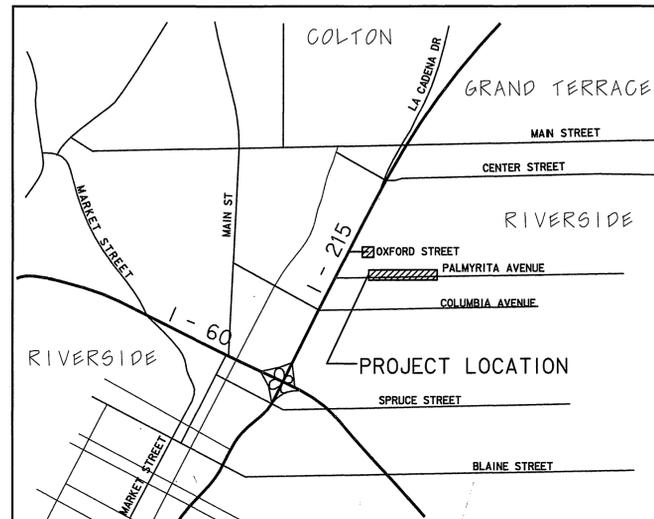
UTILITIES:

CITY OF RIVERSIDE (FOR SEWER, WATER & ELECTRIC)
3900 MAIN STREET
RIVERSIDE, CA 92522
(909)782-5428

PACIFIC BELL TELEPHONE
ATM: JOEL DINNAUER
3073 ADAMS STREET, ROOM 216
RIVERSIDE, CA 92504
(909) 359-2165

THE GAS COMPANY
ATTN: RICH ISAACS
1981 W. LUCONIA AVENUE
REDLANDS, CA 92314-9720
(909) 335-7527

CHARTER COMMUNICATIONS (CABLE TV)
ATTN: STEWART KING
6680 VIEW PARK COURT
RIVERSIDE, CA 92505
(909) 343-5165



VICINITY MAP
NOT TO SCALE

LEGEND

ABBREVIATIONS	SYMBOLS	
BC	BEGINNING OF CURVE	CONCRETE PAVEMENT
CF	CURB FACE	AC PAVING
CL	CENTERLINE	SLOPE (2% MAX.)
CMP	CORRUGATED METAL PIPE	VARIABLE THICKNESS, AC OVERLAY
CSP	CORRUGATED STEEL PIPE	PROPERTY LINE
EC	END OF CURVE	CENTERLINE
EX	EXISTING	ELECTRICAL LINE
FG	FINISH GRADE	SEWER LINE
FL	FLOWLINE	WATER LINE
FS	FINISH SURFACE	GAS VALVE
RT	RIGHT	MANHOLE
MH	MANHOLE	POWER POLE
LT	LEFT	WATER VALVE
S	SEWER	WATER METER
STA	STATION	
TC	TOP OF CURB	
W	WATER	
WM	WATER METER	
WV	WATER VALVE	
GV	GAS VALVE	
		CONSTRUCTION NOTE
		Q CURVE/LINE DATA

WATER CONSTRUCTION NOTES

1- ADJUST MANHOLE TO GRADE (BY CITY FORCES)	1 EA.
2- ADJUST WATER VALVE BOX TO GRADE (BY CITY FORCES)	2 EA.
3- EXISTING WATER METER (TO BE RELOCATED BY CITY FORCES)	1 EA.

CONTRACTOR'S RESPONSIBILITY FOR SAFETY

IN SUBMITTING A BID FOR THIS WORK THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURE TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

SOILS ENGINEER:

CONSTRUCTION TESTING AND ENGINEERING, INC.
2414 VINEYARD AVENUE, SUITE C
ESCONDIDO, CA 92029
TEL. (760) 746-4955
FAX. (760) 746-9806

SITE OWNER:

JOHNSON MACHINERY CO.
800 E. LA CADENA DR.
RIVERSIDE, CA 92507
TEL. (909) 686-4560

BASIS OF BEARINGS

THE BASIS OF BEARING IS THE CENTERLINE OF PALMYRITA AVE., AS SHOWN ON RECORD OF SURVEY FILED AT BOOK 20 AT PAGE 24 IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING N89°50'00"W.

BENCHMARK

J8-D3 - LEAD AND TACK IN THE TOP OF CURB 3.5 FEET NORTH OF THE BCR OF THE NORTHWEST CURB RETURN AT PALMYRITA AVE AND IOWA AVE. ELEV 918.908

SHEET INDEX

- TITLE SHEET, GENERAL NOTES
- PALMYRITA AVENUE PLAN
- OXFORD STREET PLAN

GENERAL NOTES

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON, IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION HEREON.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE, CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302, EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (909) 351-6368
- CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC UTILITY FACILITIES. CONSULT ADRIAN VALDES AT RIVERSIDE PUBLIC UTILITIES 909-782-5488 45 DAYS IN ADVANCE OF CONSTRUCTION TO OBTAIN APPROVED STREET LIGHT AND ELECTRIC PLANS.

GENERAL NOTES FOR STREET TREE PLANTING

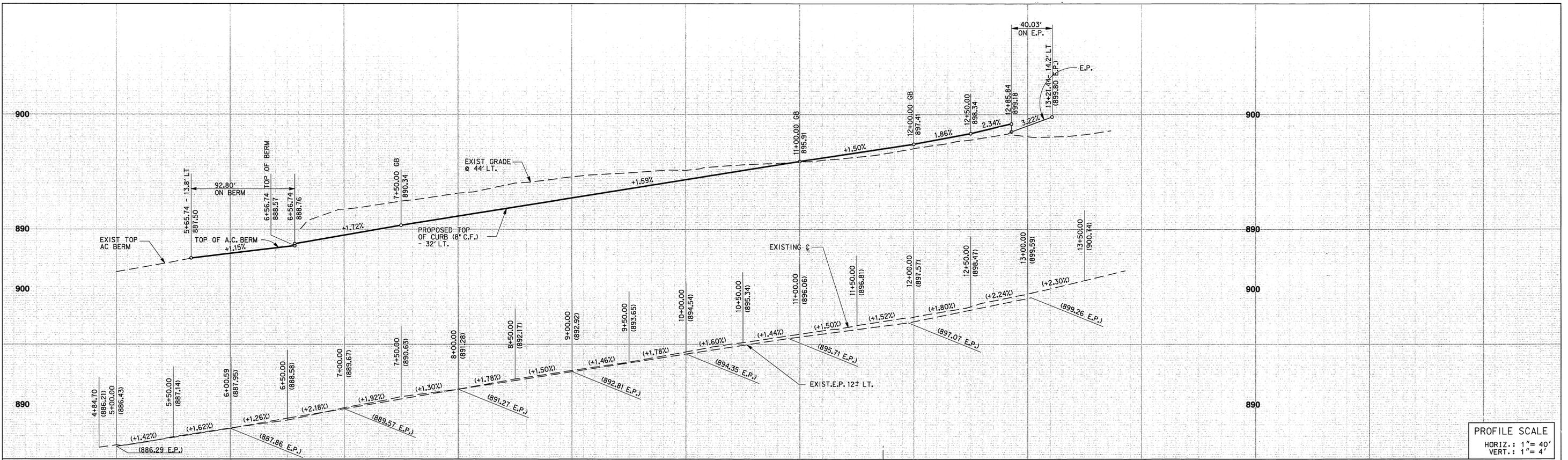
- ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS AND CITY OF RIVERSIDE STREET POLICIES.
- WHEN CALLING FOR INSPECTIONS CONTACT THE STREET TREE INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT (909) 351-6126 TO SCHEDULE AN INSPECTION. A FIELD NOTICE WILL BE ISSUED AS WRITTEN APPROVAL FOR EACH STAGE OF INSPECTION. A VERBAL APPROVAL WILL NOT BE ACCEPTABLE. INSPECTIONS ARE REQUIRED:
 - A. AFTER COMPLETION OF FINAL GRADING OF THE LOTS AND WHEN ALL UTILITY SERVICES AND SEWER LATERALS HAVE MARKED, BUT PRIOR TO DIGGING PLANT PITS, ALL FINAL STREET TREE LOCATIONS ARE TO BE SPOTTED IN THE FIELD BY THE STREET TREE INSPECTOR.
 - B. WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES.
 - C. AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED, FOR START OF MAINTENANCE.
 - D. AT THE END OF THE MAINTENANCE PERIOD, THE CONTRACTOR/DEVELOPER SHALL CALL THE STREET TREE INSPECTOR AT (909) 351-6126 FOR A FINAL ACCEPTANCE INSPECTION IN ORDER TO BE RELEASED FROM MAINTENANCE. DEVELOPERS BOND WILL NOT BE RELEASED UNTILL AFTER RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE TREES PASS FINAL INSPECTION AND THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.
- ALL STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.
- THE DEVELOPER SHALL BE RESPONSIBLE TO ACCEPTABLY MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE(1) YEAR.
- STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME	BOTANICAL NAME/COMMON NAME	MIN SIZE:	APPROX. SPACING	NUMBER REQUIRED
A. PALMYRITA	WASHINTONIA FILIFERA/ CALIFORNIA FAN PALM	4' B.T.	45' O.C.	14' EA.
B. OXFORD	SPECIES AS DESIGNATED BY URBAN FORESTOR	AS DESIGNATED	45' O.C.	5' EA.

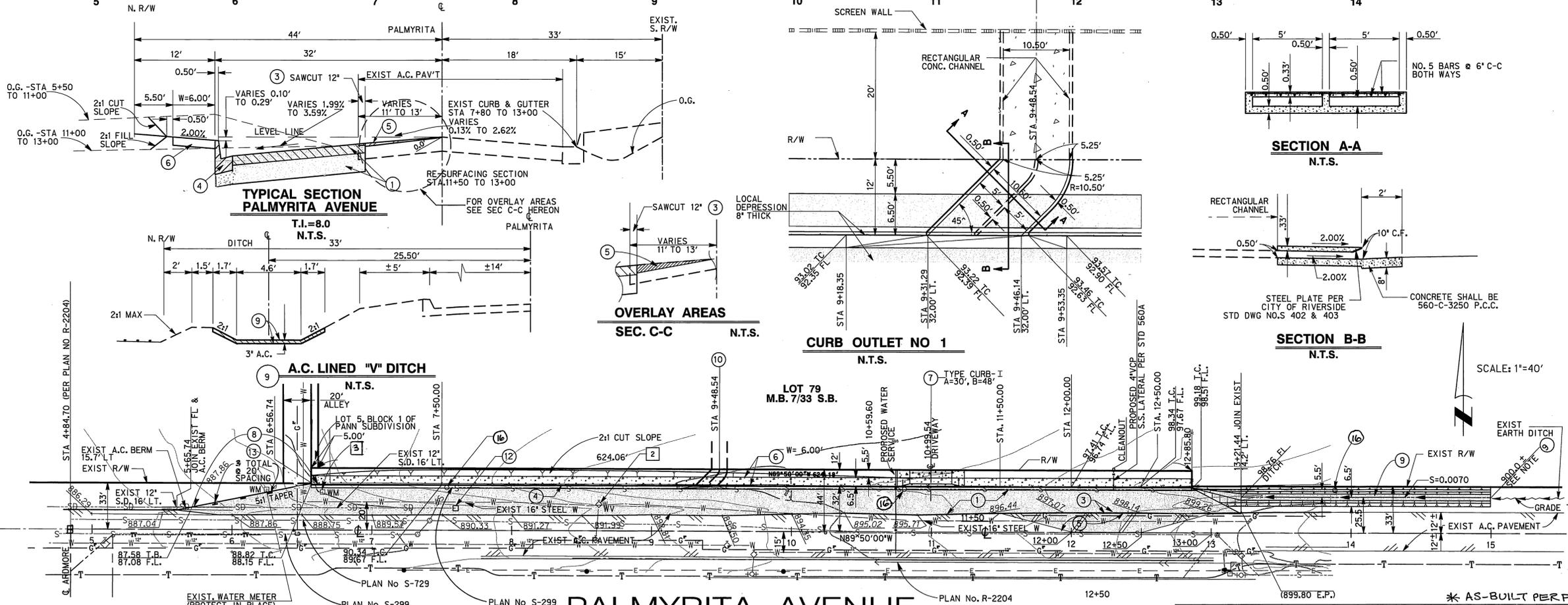
- ALL STREET TREES MUST BE AUTOMATICALLY IRRIGATED.
- NOTE:
IN THE INTEREST OF PUBLIC SAFETY AND MAINTENANCE THE STREET TREE INSPECTOR SHALL HAVE THE AUTHORITY TO REVISE THE STREET TREE QUANTITIES AND LOCATIONS SHOWN ON APPROVED PLANS BASED UPON FIELD CONDITIONS FOUND AT THE TIME OF INSTALLATION OF THE TREES.

*AS-BUILT PER PLANS 5-22-03 4th

PACIFIC BELL TELEPHONE COMPANY APPROVED BY: <i>[Signature]</i> DATE: 6-10-99		SOUTHERN CALIFORNIA GAS COMPANY APPROVED BY: <i>[Signature]</i> DATE: 6/15/99		Underground Service Alert Call: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG		CITY OF RIVERSIDE WATER SYSTEM APPROVED BY: <i>[Signature]</i> DATE: 6/23/99 VOID ONE YEAR FROM THIS DATE.		CITY OF RIVERSIDE OVERHEAD & UNDERGROUND APPROVED BY: <i>[Signature]</i> DATE: 6-23-99 UTILITIES ENGINEER, ELECTRICAL		CHARTER COMMUNICATIONS CABLE TV APPROVED BY: <i>[Signature]</i> DATE: 6-15-99		Associated Engineers, Inc. 3311 E. SHELBY STREET • ONTARIO, CALIFORNIA 91764 TEL. (909) 980-1982 • FAX (909) 941-0891 APPROVED BY: <i>[Signature]</i> DATE: 6/18/99 P.M. Douglas CITY BUSINESS TAX CERTIF. NO. 006698 EXP. DATE: 9-30-99		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> DATE: 6-25-99 R. McBrath DIRECTOR OF PUBLIC WORKS		MP-003-623 (REV) STREET IMPROVEMENT PLANS 800 E. LA CADENA DRIVE TITLE SHEET		PROJECT NUMBER R-3533 SHEET 1 OF 3	
FOR: REGIONAL PROPERTIES FILE NO.: INDEXED 7-6-99 4th																			



PROFILE SCALE
 HORIZ. : 1" = 40'
 VERT. : 1" = 4'



CONSTRUCTION NOTES & QUANTITIES

NO.	DESCRIPTION	QUANTITY
1	ROADWAY EXCAVATION (INCLUDING 100 CY. COMPACTED FILL)	1,440 C.Y.
2	CONSTRUCT 5" A.C. PAVEMENT OVER 10" AGG. BASE (PALMYRITA AVE) PER SOILS REPORT ADDENDUM DATED 4/14/99	13,130 S.F.
3	CONSTRUCT 3" A.C. PAVEMENT OVER 8" AGG. BASE (OXFORD AVE) PER SOILS REPORT ADDENDUM DATED 4/14/99	6,460 S.F.
4	SAWCUT & REMOVE 12" OF EXIST. PAVEMENT.	751 S.F.
5	CONSTRUCT CONCRETE CURB & GUTTER, TYPE I, 8" CURB FACE PER CITY OF RIVERSIDE STD. DWG. NO 200.	946 L.F.
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10	CONSTRUCT 3" A.C. DITCH LINING PER DETAIL ON SHEET 2. CONTRACTOR SHALL CONSTRUCT A.C. DITCH UPSTREAM (EAST) FROM STA. 12+85.84 @ 0.70% UNTIL DAYLIGHT POINT WITH EXISTING EARTH DITCH FLOW LINE.	2,500 S.F.
11	CONSTRUCT CONCRETE CURB OUTLET, NO. 1, PER STD. DWG. NO. 410 (MODIFIED) AND PER DETAIL ON SHEET 2.	1 EA.
12	CONSTRUCT CONCRETE CURB INLET, NO. 2, PER STD. DWG. NO. 410 (MODIFIED) AND PER DETAIL ON SHEET 3.	1 EA.
13	REMOVE EXISTING STORM DRAIN INLET; PLUG EXISTING 12" STORM DRAIN PIPE.	1 EA.
14	INSTALL TYPE F-1 DELINEATORS PER CITY OF RIVERSIDE STD. DWG. 665.	3 EA.
15	GAS VALVE CAN BE ADJUSTED OR RELOCATED BY OTHERS	2 EA.
16	REMOVE EXISTING TREE	2 EA.
17	ADJUST SEWER MH TO GRADE.	3 EA.
18	REMOVE EXISTING BLOCK WALL, CONSTRUCT NEW BLOCK WALL PER DETAIL ON SHEET 3	25 L.F.

WATER CONSTRUCTION NOTES

1	ADJUST MANHOLE TO GRADE (BY CITY FORCES)	1 EA.
2	ADJUST WATER VALVE BOX TO GRADE (BY CITY FORCES)	1 EA.
3	EXIST. WATER METER (TO BE RELOCATED BY CITY FORCES)	1 EA.

SCALE: 1"=40'

* AS-BUILT PER PLANS S-29-03 4H

PALMYRITA AVENUE

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

MP-003-623 (REV)

STREET IMPROVEMENT PLANS
 800 E. LA CADENA DRIVE
 PALMYRITA AVENUE IMPROVEMENTS
 (EAST OF ARDMORE STREET)

PROJECT NUMBER: R-3533
 SHEET 2 OF 3

FOR: REGIONAL PROPERTIES

APPROVED BY: [Signatures] DATE: 6-25-99

Associated Engineers, Inc.
 3311 E. SHELBY STREET - ONTARIO, CALIFORNIA 91764
 TEL: (951) 950-1982 • FAX: (951) 941-0551

10 JUN 1999
 JA98082\dgn\strht.l.dgn

