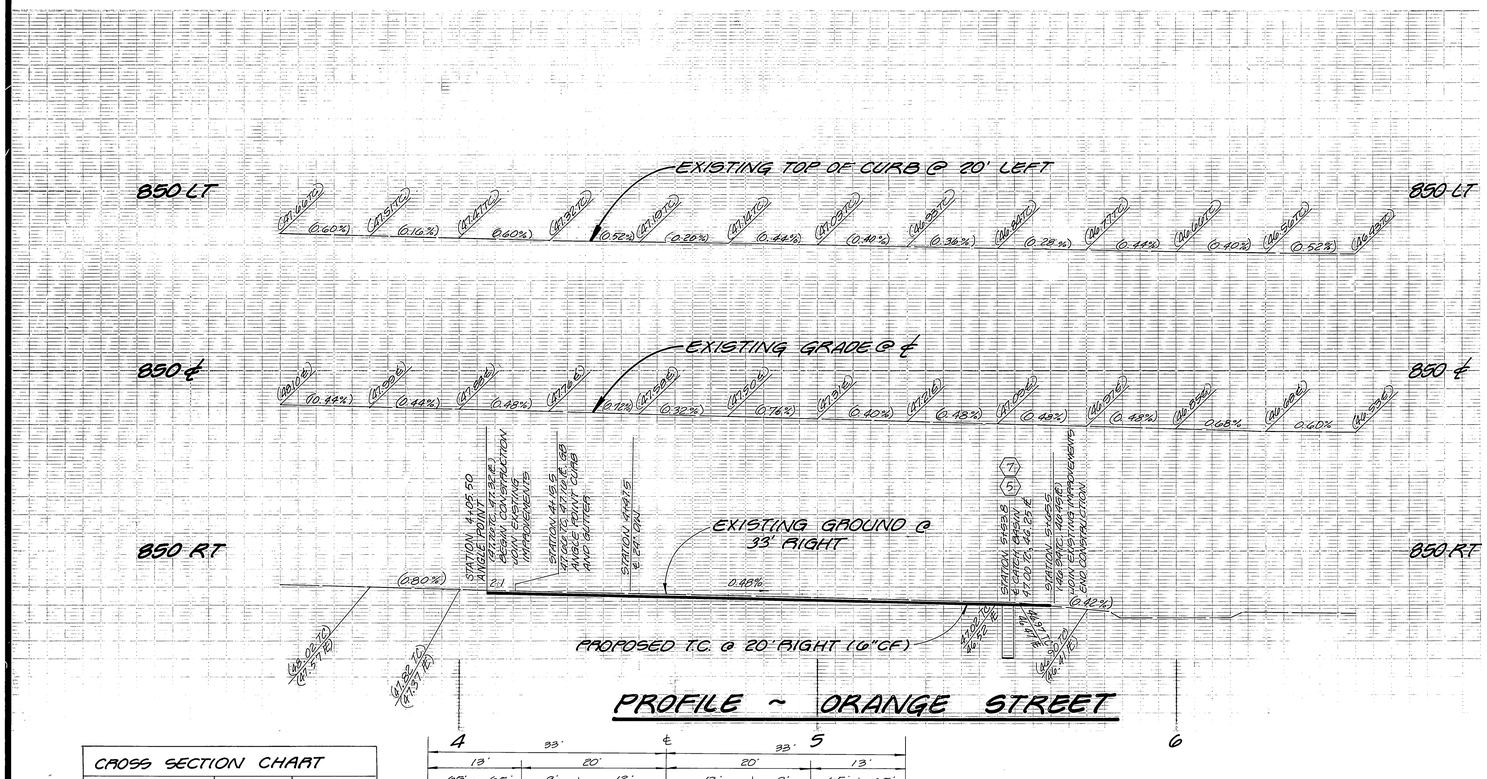
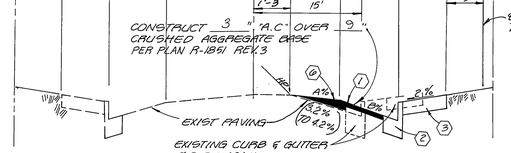
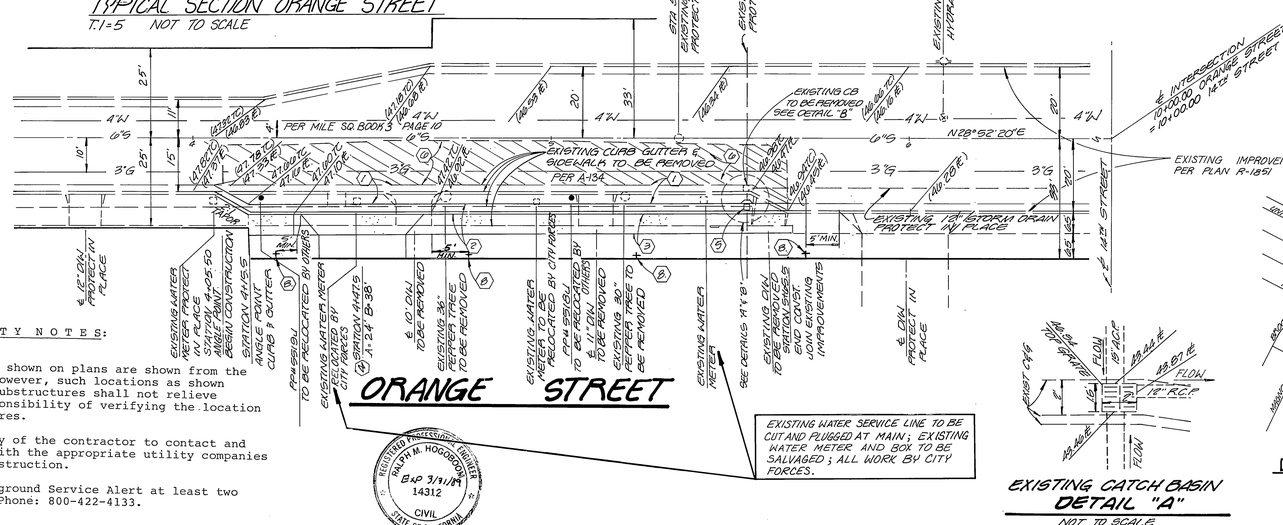


CROSS SECTION CHART		
STATION	A%	B%
4+50.00	2%	4.0%
5+00.00	2%	3.2%
5+50.00	2%	4.2%

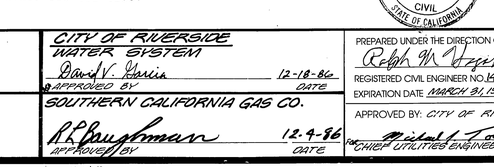


TYPICAL SECTION ORANGE STREET
T.I=5 NOT TO SCALE

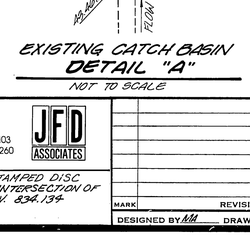


UNDERGROUND UTILITY NOTES:

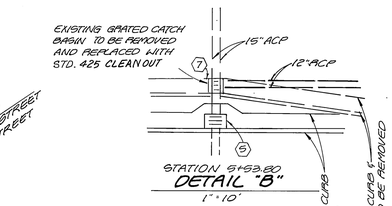
1. Locations of substructures as shown on plans are shown from the best available information, however, such locations as shown or failure to show existing substructures shall not relieve the contractors from the responsibility of verifying the location and protecting all substructures.
2. It shall be the responsibility of the contractor to contact and make necessary arrangements with the appropriate utility companies prior to the beginning of construction.
3. Contractor shall notify Underground Service Alert at least two days prior to construction. Phone: 800-422-4133.

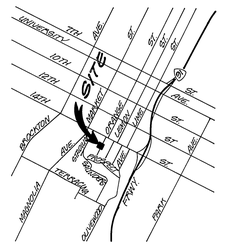


EXISTING WATER SERVICE LINE TO BE CUT AND PLUGGED AT MAIN; EXISTING WATER METER AND BOX TO BE SALVAGED; ALL WORK BY CITY FORCES.



EXISTING CATCH BASIN DETAIL "A"
NOT TO SCALE





VICINITY MAP
NOT TO SCALE

ESTIMATE OF QUANTITIES
(FOR BONDING PURPOSES ONLY)

CURB & GUTTER	189 L.F.
SIDEWALK	900 S.F.
A.C. PAVEMENT	780 S.F.
A.C. OVERLAY	1892 S.F.
TREE REMOVAL	2EA.
POWER POLE RELOCATION	2EA.
WATER METER REMOVAL	2EA.
WATER METER RELOCATION	1EA.

LEGEND

℄	CENTERLINE
DW	DRIVEWAY
( )	EXISTING ELEVATION/GRADE
	NEW AC PAVING
	AC OVERLAY
GB	GRADE BREAK
3"G	EXISTING 3" GAS LINE
4"W	EXISTING 4" WATERLINE
6"S	EXISTING 6" SEWER
TC	TOP OF CURB
FL	FLOWLINE
CF	CURB FACE
HP	HIGH POINT
+	STREET TREES

CONSTRUCTION NOTES

1. PLACE A.C. PAVEMENT OVER BASE MATERIAL PER TYPICAL SECTION
2. CONSTRUCT 6" CURB & GUTTER PER CITY OF RIVERSIDE STD DWG NO 200 TYPE I
3. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD DWG NO. 325
4. CONSTRUCT COMMERICAL DRIVEWAY PER CITY OF RIVERSIDE STD DWG NO 302 TYPE II A=24' B=38'
5. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD DWG NO. 405 W=4; V=3.5'
6. PLACE A.C. PAVING OVERLAY AS PER PLAN
7. CONSTRUCT CLEANOUT BOX PER CITY OF RIVERSIDE STD DWG NO. 425.
8. PLANT STREET TREES TO THE SPECIFICATIONS OF THE PARK AND RECREATION DERARTMENT.

STREET NOTES

1. 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.
2. Construction shall be in accordance with the City of Riverside Department of Public Works, Standard Drawings, Standard Drawing No. 10 and the Standard Specifications for Public Works Construction, current edition.
3. 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.
4. Quanities shown are for information only and the City of Riverside is not responsible for their accuracy.
5. The developer shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
6. All flagged elevations shall be staked in the field by a private engineer.
7. Trim edge of existing pavement where new pavement joins to a smooth, straight line. Construct match-up paving as shown on plan and overlay paving as directed in the field to produce a smooth section.
8. Construct driveway approaches per Standard Drawing 302. Exact size and location as shown.
9. All overhanging tree limbs that are less than 14' above the street grade shall be trimmed back.
10. 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.
11. 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.
12. The contractor shall call in a location request to Underground Service Alert (USA), Phone No. 1-800-422-4133, 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 and inquiry identification number by USA.
13. 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 (787-7611)

GENERAL NOTES FOR STREET TREES

1. All related work shall conform to the City of Riverside, Park and Recreation Department Standards.
2. Contact the Park Projects Inspector a minimum of 48 hours in advance at 787-7223 to schedule inspections. Inspections shall be required:
   a) When plant locations have been spotted in the field prior to digging plant pits.
   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 end of maintenance/final acceptance (contractor/developer will be released from maintenance only upon receipt of written notification from the city that the Park and Recreation Department is assuming maintenance responsibilities).
3. The Contractor/Developer shall maintain all plantings for a minimum period of one (1) year.
4. Street Tree planting shall be as follows:

Street Name	Botanical Name/Common Name	Min. Size	Approx. Spacing	No. Req.
a. Orange St.	Geijera Australian Parviflora/Willow	15 Gal.	45'	4

5. Park and Recreation Department and Public Works Department permits are required prior to commencement of tree relocation and/or removal work. For all trees within the ultimate pavement area, backfill of all holes is to be inspected by the City for proper compaction.
6. All street trees to be automatically irrigated.

CITY OF RIVERSIDE WATER SYSTEM	David V. Garcia	12-18-86	DATE
APPROVED BY			
SOUTHERN CALIFORNIA GAS CO.	R.R. Baughman	12-4-86	DATE
APPROVED BY			

PREPARED UNDER THE DIRECTION OF: Ralph M. Hogoboom
REGISTERED CIVIL ENGINEER NO. 14312
EXPIRATION DATE MARCH 31, 1989 DATE: 12/16/86

APPROVED BY: CITY OF RIVERSIDE
Michael J. Tolli 12/12/86
CHIEF UTILITIES ENGINEER-ELECTRIC DATE

J F DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
P.O. BOX 493, RIVERSIDE, CA 92502, (714) 686-0844
11200 SO. MT. VERNON AVE., #D, COLTON, CA 92324, (714) 825-1082
73-080 EL PASEO, #103, PALM DESERT, CA 92260, (619) 346-5691

SCALE HORIZ: 1"=20' VERT: 1"=4'
DATE JULY 1986

BENCH MARK: I-G-FD. BRASS DISC STAMPED DISC STAMPED (I-G-G) CAPPED @ THE ℄ INTERSECTION OF MARKET STREET & 14TH STREET ELEV. 834.134

MARK	REVISIONS	APPR.	DATE

DESIGNED BY MM DRAWN BY TRI/MP CHECKED BY MASP

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	1/15/87
PARK DEPARTMENT	[illegible]	1-14-87
TRAFFIC DIVISION	[illegible]	1/15/87
CHIEF P. W. ENGR.	[illegible]	1/16/87

APPROVED BY: William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 1-16-87

*As built 3-3-87 TE

INDEXED C.S.

STREET PLAN & PROFILE
ORANGE STREET
STATION 3+50 TO 6+50
R-4-867

FOR: THOMPSON & COLEGATE

PROJECT NO. R-2836
SHEET 1 OF 1
FILE NO. 86-9175

P-2836