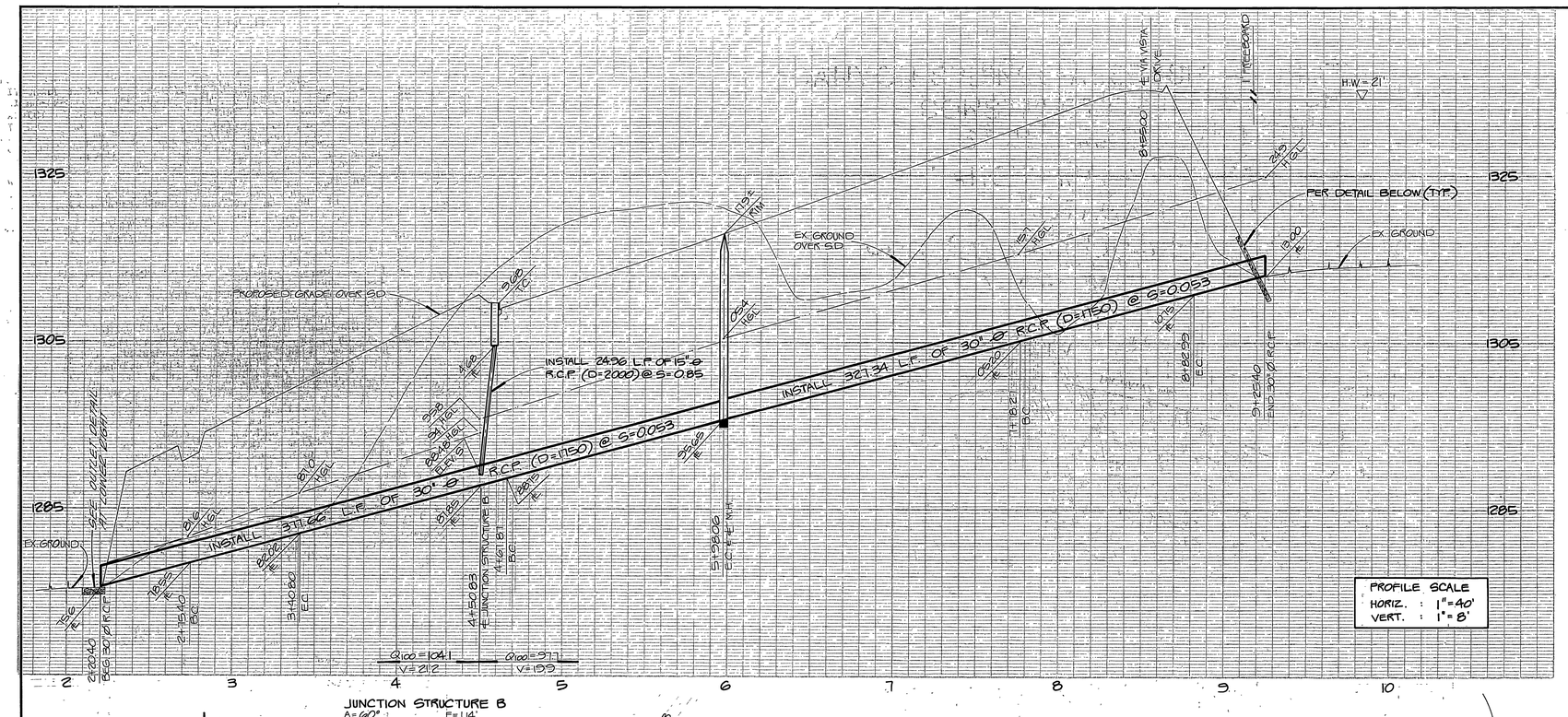
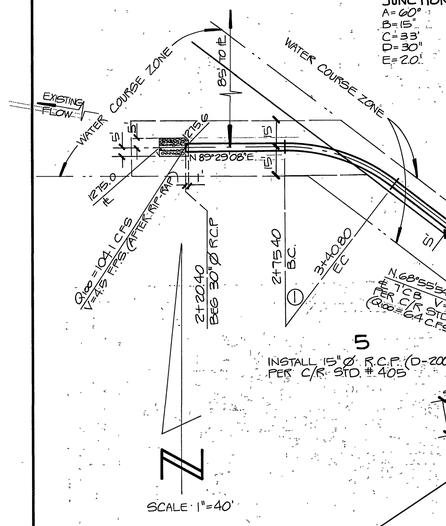


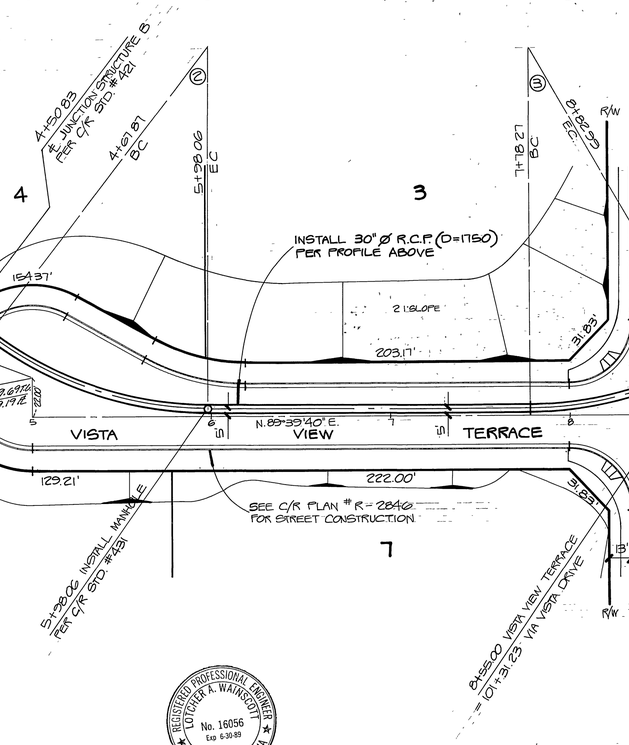
GENERAL NOTES

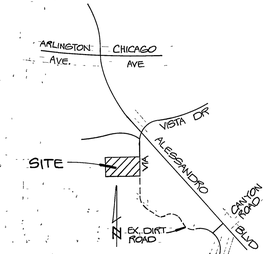
1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC 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. QUANTITIES 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 THE 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 THE PRIVATE ENGINEER.
7. 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 AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
8. BEFORE THE RIP RAP IS ACCEPTED, AS PLACED, AT THE OUTLET OF ANY DRAINAGE STRUCTURE, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.

QUANTITY ESTIMATE

30" Ø R.C.P. (D=1150)	705 L.F.
15" Ø R.C.P. (D=2000)	25 L.F.
1' CATCH BASIN PER C/R STD. 405	1 EA.
JUNCTION STRUCTURE B PER C/R STD #421	1 EA
MANHOLE PER C/R STD #431	1 EA
GROUTED 1/4 TON RIP RAP	800 C.F.

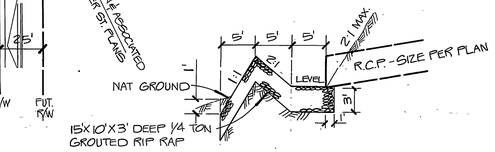






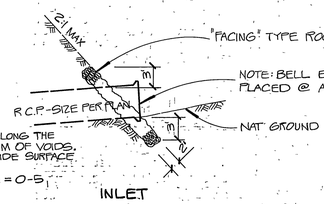
VICINITY MAP
N.T.S.

CURVE DATA				
NO.	ANGLE	RADIUS	LENGTH	TANGENT
①	31°28'19"	100.00'	65.40'	33.92'
②	37°17'47"	200.00'	130.19'	67.49'
③	30°00'00"	200.00'	104.72'	53.59'

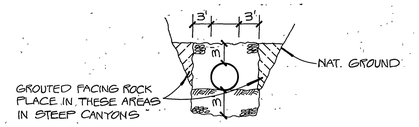


OUTLET

NOTES:
1. METHOD OF PLACEMENT - A FOOTING TRENCH SHALL BE EXCAVATED ALONG THE TOE OF SLOPE. ROCKS SHALL BE PLACED SO TO PROVIDE A MINIMUM OF VOIDS. LARGER ROCKS TO BE PLACED ON THE TOE COURSE AND THE OUTSIDE SURFACE ROCKS TO BE GROUTED IN PLACE.
2. "FACING" TYPE ROCK (GROUTED) PERCENT LARGER THAN 200 LB. = 0-5, 75 LB. = 50-100, 25 LB = 50-100



INLET



INLET ELEVATION

CULVERT SLOPE PROTECTION DETAILS
N.T.S

REGISTERED PROFESSIONAL ENGINEER
LOTHER A. WAINSCOTT
No. 16056
Exp 6-30-89
CIVIL
STATE OF CALIFORNIA

INDEX GS.

SOUTHERN CALIFORNIA GAS COMPANY
OR Mc Jonson 11-18-86
REVIEWED BY DATE

CITY OF RIVERSIDE - PUBLIC UTILITIES ELECTRIC
for John Johnson 11/19/86
CHIEF UTILITIES ENGINEER - ELECTRIC DATE

CITY OF RIVERSIDE - WATER SYSTEM
David V. Garcia 1-5-87
APPROVED BY DATE

L. A. WAINSCOTT & ASSOCIATES
22400 BARTON RD CIVIL ENGINEERS
SUITE 200 GRAND TERRACE, CALIFORNIA
APPROVED BY L.A. Wainscott DATE 10/29/86
R.C.E. 16056
(714) 824-1778
W.O. 22703 FOR HAWARDEN INVESTMENTS F.B. 6

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BERNIE DRAWN BY ED CHECKED BY M.C.

BENCH MARK: ELEV. = 1339.662
C.R.B.M. # F7-A
(OUT 6-22-78) SEE C.R.F.B. 1017/13 FD. PK. NAIL & CITY ENGINEER TAG IN S'WLY. CURB OF ALESSANDRO 200'± S'ELY. OF VIA VISTA DR.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENG.		3/4/87
~~PARK DEPARTMENT~~		
TRAFFIC DIVISION		
CHIEF P.W. ENG.		

APPROVED BY: William D. Landram
DIRECTOR OF PUBLIC WORKS
DATE 3-10-87

STORM DRAIN PLAN & PROFILE
TRACT NO. 21399
VISTA VIEW TERRACE

D-506
SHT. 1 OF 1

SCALE: HORIZ. 1" = 40' VERT. 1" = 8'
W.O. 22703