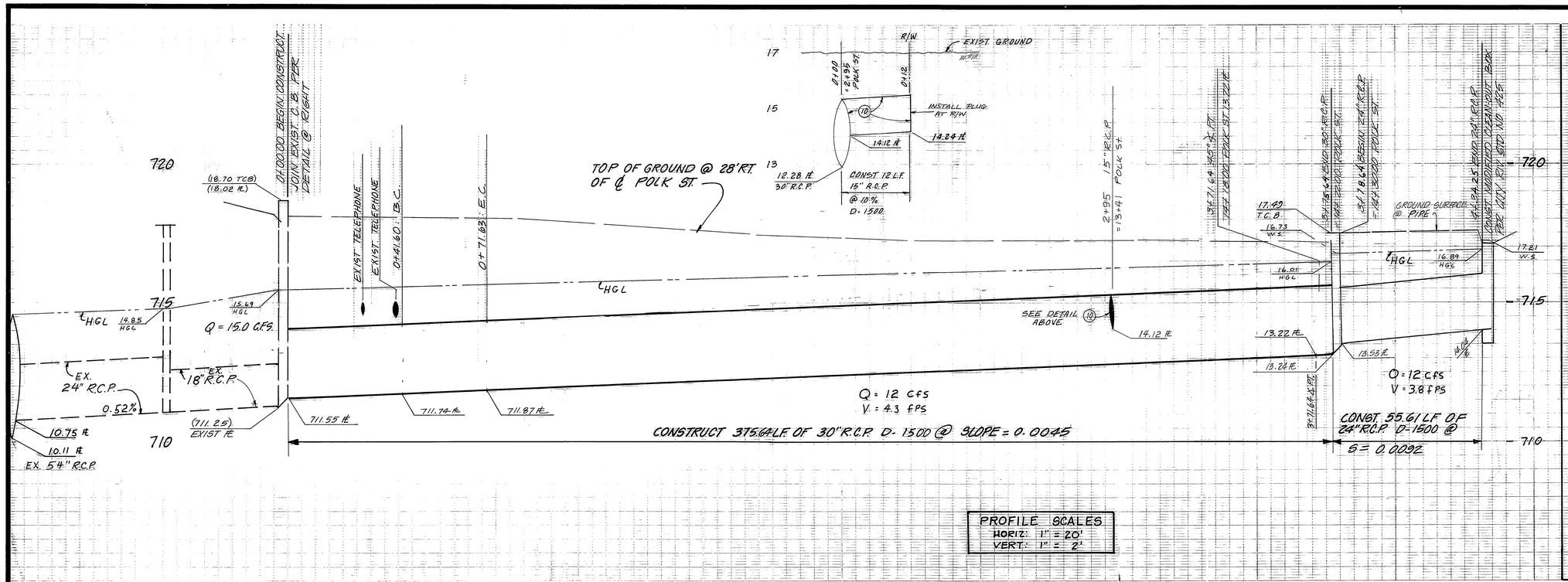


GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS TO AFFECT EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS NO. 10 AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONST. (CURRENT EDITION).
3. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
4. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
5. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREIN. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AND ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR CITY APPROVAL.
6. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDER GROUND SERVICE ALERT (USA) PHONE NO. 1=800=422=4133, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
7. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULTS OF CONSTRUCTION SHOWN HEREON.
8. NOTICE TO CONTRACTORS: THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OF STRUCTURE SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO UTILITIES EXISTING, EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES NOT OR RECORD, OR NOT SHOWN ON THESE PLANS.
9. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

CONSTRUCTION NOTES:

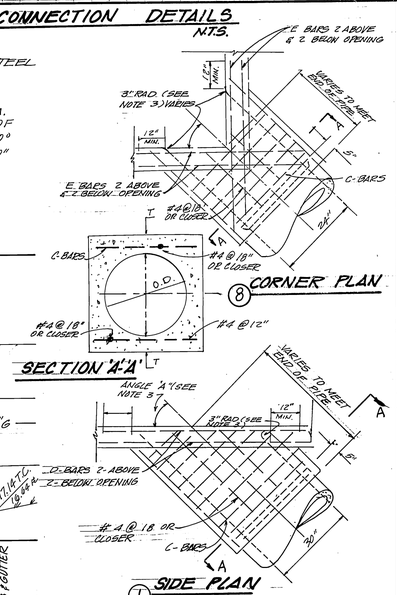
1. CONSTRUCT CONNECTION STRUCTURE PER DETAIL SHOWN HEREON.
2. CONSTRUCT CONCRETE COLLAR (AT 45° DEFLECTION) (AS SHOWN) PER CITY OF RIV. STD. NO. 424
3. PROVIDE SAWCUT FOR SMOOTH EDGES
4. INSTALL 30" R.C.P. (D-1500)
5. REMOVE & REPLACE EXIST. ASPHALT CONCRETE TO MATCH EXIST. GRADES
6. CONSTRUCT CATCH BASIN (W = 4 W = 20') PER CITY RIV. STD NO. 407
7. INSTALL 24" R.C.P. (D = 1500)
8. CONSTRUCT CLEAN OUT PER CITY OF RIV. STD NO 425 AND
9. INSTALL TRAFFIC GRATE ALHAMBRA (A-1536). CONSTRUCT CONNECTION STRUCTURE PER DETAIL SHOWN HEREON.
10. CONSTRUCT 15" R.C.P. (D-1500) J.S. No. 4 PER C/R STD. 423 & TIMBER BULKHEAD PER C/R STD. 456

NOTES

1. REINFORCING STEEL SHALL BE 1½" CLEAR FROM INSIDE FACE OF CONCRETE UNLESS OTHERWISE SHOWN.
2. REINFORCING STEEL FOR INSIDE FACE OF CATCH BASIN WALL SHALL BE CUT AT CENTER OF OPENING AND BENT INTO WALL OF MONOLITHIC CONNECTION REINFORCING STEEL FOR OUTSIDE FACE OF C.B. WALL SHALL BE CUT 2" CLEAR OF OPENING.
3. CONNECTION SHALL BE POURED MONOLITHIC WITH CATCH BASIN. THE ROUNDED BASE OF OUTLET SHALL BE CONSTRUCTED BY POURING CONCRETE AGAINST A CURVED FORM WITH A RADIUS OF 3".
4. FLOOR OF STRUCTURE SHALL BE STEEL TROWELED TO SPRING LINE.
5. CONNECTIONS SHALL BE CONSTRUCTED WHERE: (a.) PIPES 12" THROUGH 72" IN DIA. INLET OR OUTLET THROUGH CORNER OF CATCH BASIN AT ANGLE LESS THAN 40° (b.) ANGLE A FOR PIPES 24" THROUGH 30" IN DIA. IS LESS THAN 45°

CONNECTION DETAILS

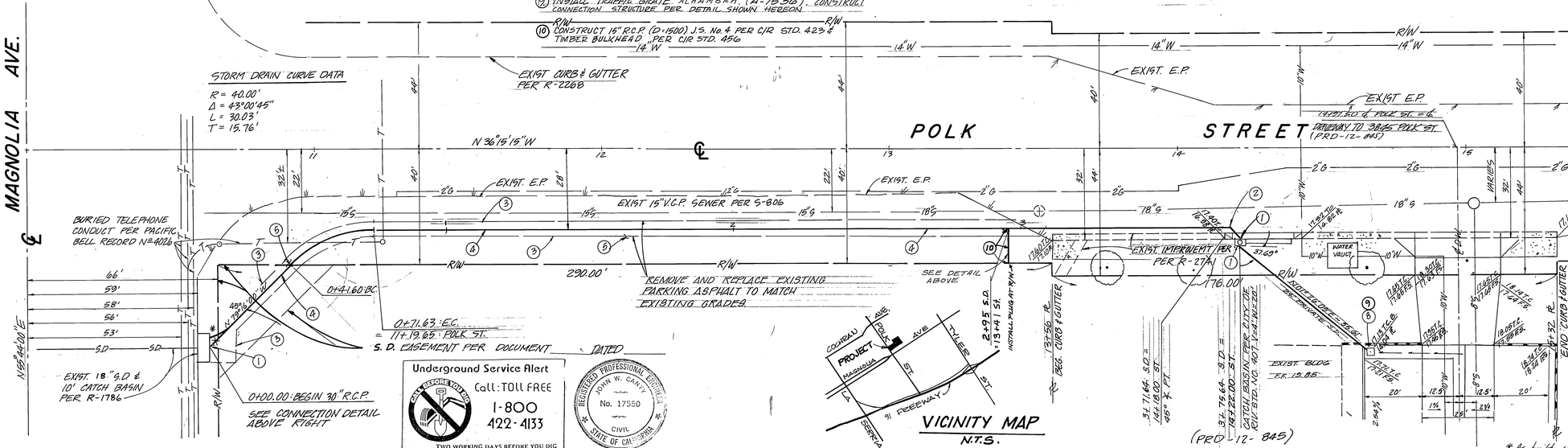
N.T.S.



STEEL CHART

B	T	C-BARS	D & E BARS
12"	14"	#4 @ 6	#5
15"	15 1/2"		
18"	16 1/2"		
21"	19"		
24"	21 1/2"		
27"	24 1/2"		
30"	27"		
33"	29 1/2"		
36"	32 1/2"		
39"	35"		

B	T	C-BARS	D & E BARS
42"	41 1/2"	#5 @ 6	#6
45"	43 3/4"		
48"	46"		
51"	48 1/2"		
54"	51"		
57"	53 1/2"		
60"	56"		
63"	58 1/2"		
66"	61 1/2"		
69"	63 1/2"		
72"	66"		



Underground Service Alert
Call: TOLL FREE
1-800
422-4133
TWO WORKING DAYS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 CIVIL STATE OF CALIFORNIA

PACIFIC TELEPHONE
APPROVED BY: B. A. Nagorsen 12/1/86
DIRECTOR IMPROVEMENT ENGINEER — DATE

SOUTHERN CALIFORNIA GAS COMPANY
Approved By: R. R. Lassabee 12/2/86
Date

PREPARED UNDER THE DIRECTION OF: John W. Canty
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE 6/30/89 DATE: 12/5/86
APPROVED BY:

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
JFD ASSOCIATES

SCALE 1" = 20'
DATE JUNE 1986
BENCH MARK: 3" ALUMINUM DISK STAMPED 601-27-82 RESET IN CONCRETE @ E.G.V. CORNER INT. OF MAGNOLIA AVE. AND POLK ST. ELEV: 719.29

MARK	REVISIONS	APPR.	DATE

DESIGNED BY W.O.M.S. DRAWN BY TFE CHECKED BY W.M.M.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		2/17/87
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		4/14/87

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 2-24-87

STORM DRAIN PLAN AND PROFILE
3845 POLK STREET
PRD-12-845
STATION 0+00.00 TO STATION 3+77.13

PROJECT NO. D-501
SHEET 1 OF 1
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
FILE NO. 8883 (M)

* As built 10/20/88 TE

INDEX C.S.