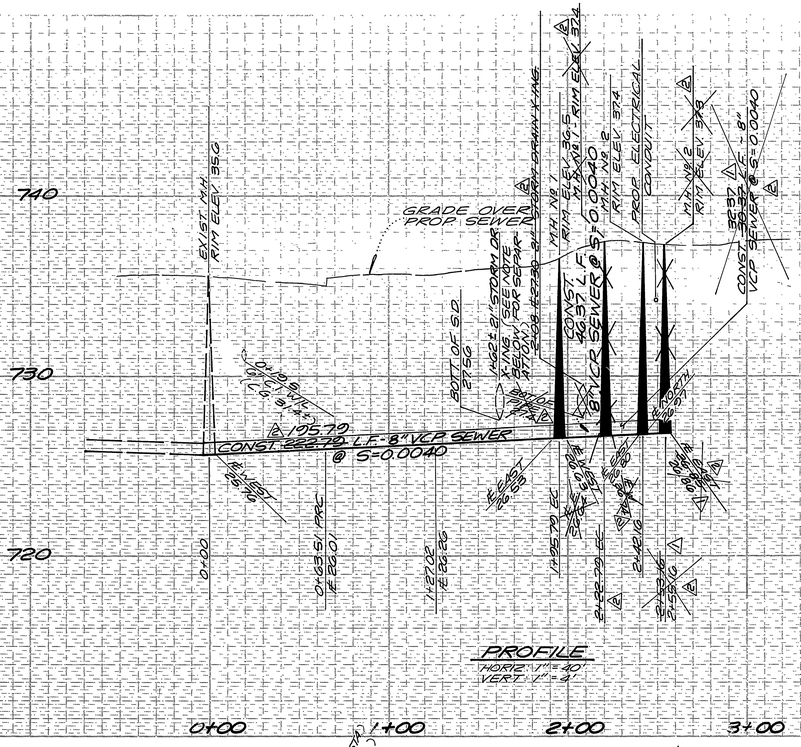


GENERAL NOTES

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. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
4. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
5. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING AND CONCRETE FINISHING IS COMPLETED.
6. A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
7. 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.
8. 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.
9. 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 INSPECTOR.
10. NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 4' ABOVE THE SEWER FLOW LINE AT POINT OF CONNECTION WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
11. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.

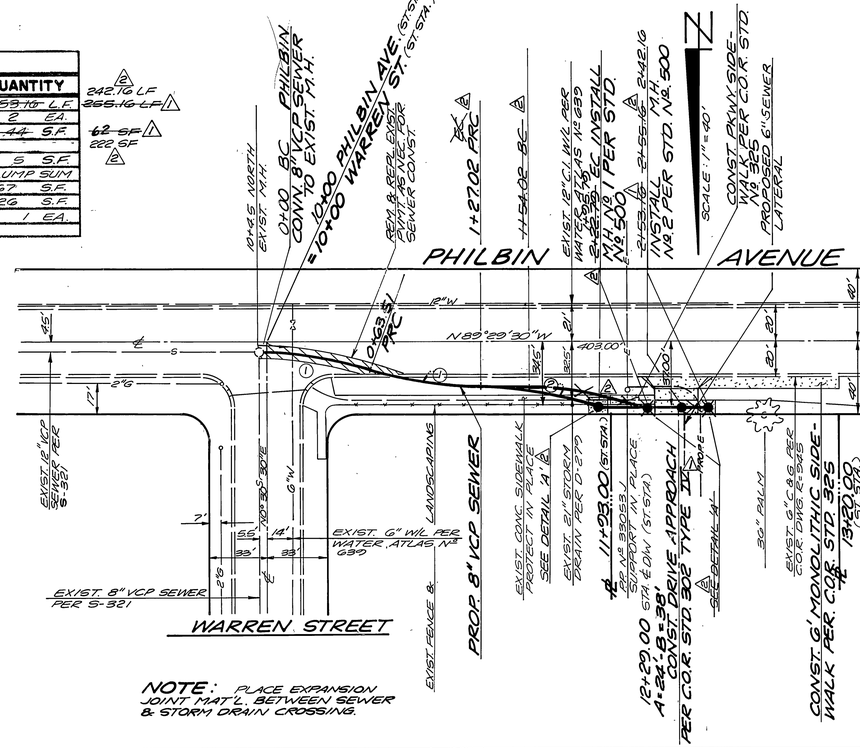
QUANTITY ESTIMATE

NO.	DESCRIPTION	QUANTITY
1	8" VCP SEWER	~~259.16~~ L.F.
2	48" DIA. MANHOLE	2 EA.
3	4" THK. CONC. SLAB	~~44~~ S.F.
4		
5	REM. & REP. SIDEWALK	5 S.F.
6	REM. & REP. AC. PAVE'T SECT.	LUMP SUM
7	6" MONOLITHIC SIDEWALK STD 325	567 S.F.
8	CONC. DRIVE APPROACH STD. 302	526 S.F.
9	CONNECT TO EXIST. MANHOLE	1 EA.
10		

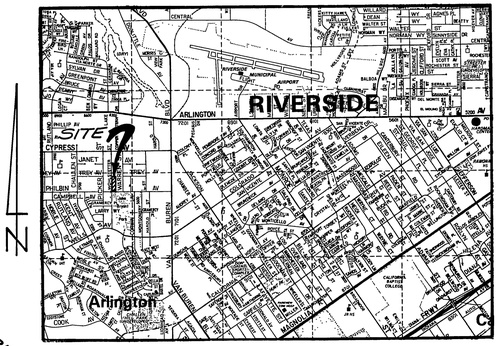
242.16 L.F.
265.16 L.F.
~~62~~ S.F.
222.6 S.F.

CURVE DATA

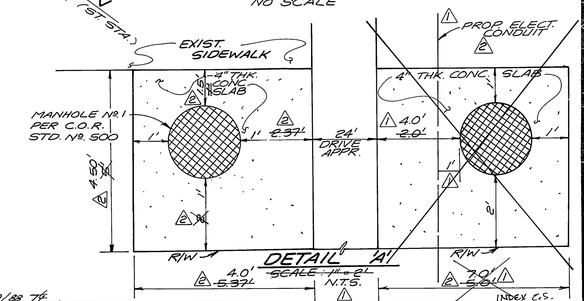
	Δ	R	T	L
1	18°39'35"	105.00'	32.04'	68.51'
2	20°12'18"	105.00'	34.74'	68.77'



NOTE: PLACE EXPANSION JOINT MAT'L. BETWEEN SEWER & STORM DRAIN CROSSING.



VICINITY MAP
NO SCALE



DETAIL 1A
SCALE 1" = 2'
N.T.S.

INDEX C.S.

REGISTERED PROFESSIONAL ENGINEER
JAMES W. UNLAND
NO. 24102
CIVIL ENGINEERING
STATE OF CALIFORNIA

As built 7/19/88 JK

PUBLIC UTILITIES ELECTRICAL DEPT.
APPROVED BY:
DATE: 4/6/87

CITY OF RIVERSIDE WATER DEPT.
APPROVED BY: David V. Rocco
DATE: 3-12-87

BENCH MARK:
B.M. - 69-K P.K. NAIL IN EAST CURB OF VAN BUREN BLVD, 0.5' S/O S.E. CURB RETURN @ PHILBIN AVE.
ELEV. = 739.275

REVISIONS:
2 REVISED PLAN TO REFLECT AS CONSTRUCTED SEWER ALIGN. 7/19/88 WLK
1 EXTENDED SEWER TO AVOID ELEC. U/G CONFLICT. BLD. 4/6/87 WLK
DESIGN: B. WOMER DRAWN: MJW WLK 4/8/87

James W. Unland & Associates
CIVIL ENGINEERS
41490 East Florida Avenue, Suite E
Hemet, CA 92344 (714) 652-5575
APPROVED: James W. Unland R.C.E. 24102
EXP. DATE 12/31/89

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENG'R.		
PARK DEPT.		
TRAFFIC DIV.		
CHIEF P.W. ENG'R.	3/16/87	WLK

APPROVED BY William D. Hardman
PUBLIC WORKS DIRECTOR
DATE 3-16-87
CITY BUS. TAX CERTIF. NO. 025882 EXP. DATE 30 JAN 88

CITY OF RIVERSIDE
SEWER IMPROVEMENT PLANS
PHILBIN AVENUE
R-38-845
W.O. | FOR: SUN SURVEYS | F.B.

DRAWING NO. S-1450
SHEET 1 OF 1
FILE NO. PU-4-1292

PU-4 1292