

GENERAL NOTES

1. 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.
2. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
3. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
4. 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.
5. 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.
6. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
7. 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.
8. 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.
9. 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.
10. 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.
11. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
12. A SANITARY SEWER LINE CROSSING A WATER MAIN SHALL BE CONSTRUCTED OF:
 - A. A CONTINUOUS SECTION OF DUCTILE IRON PIPE WITH HOT DIP BITUMINOUS COATING.
 - B. A CONTINUOUS SECTION OF REINFORCED CONCRETE PRESSURE PIPE (PER AWWA C302-74) ENTERED ON THE PIPE BEING CROSSED.
 - C. VERIFIED CLAY SANITARY SEWER PIPE WITHIN A CONTINUOUS SLEEVE.
 - D. VERIFIED CLAY SANITARY SEWER PIPE SEPARATED BY TEN-FOOT BY TEN-FOOT, FOUR-INCH THICK REINFORCED CONCRETE SLAB.

LIABILITY FOR UNDERGROUND STRUCTURES

ALL UNDERGROUND UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA, WHILE DUE CARE WAS TAKEN IN PREPARATION OF THIS INFORMATION, THE ENGINEER CANNOT AND DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE INFORMATION.

IT SHALL BE THE RESPONSIBILITY AND LIABILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE OR NON-EXISTENCE OF SUCH UTILITIES AND TO PROTECT THEM IN PLACE.

IN THE EVENT UNKNOWN UTILITIES OR UNKNOWN STRUCTURES ARE FOUND, OR KNOWN FACILITIES ARE FOUND DURING CONSTRUCTION AT UNEXPECTED ELEVATIONS OR LOCATIONS, THE ENGINEER IS TO BE NOTIFIED OF SUCH CONDITIONS AT ONCE. THE ENGINEER WILL MAKE ANY REQUIRED DESIGN CHANGES AND THE CONTRACTOR AGREES TO COMPLETE THE WORK INCLUDING REPAIRS REQUIRED IN AN EXPEDITIOUS MANNER.

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.

PSOMAS AND ASSOCIATES IS NOT RESPONSIBLE FOR ANY INFORMATION SHOWN ON THIS DRAWING PROVIDED BY OTHERS.

UNAUTHORIZED CHANGES & USES

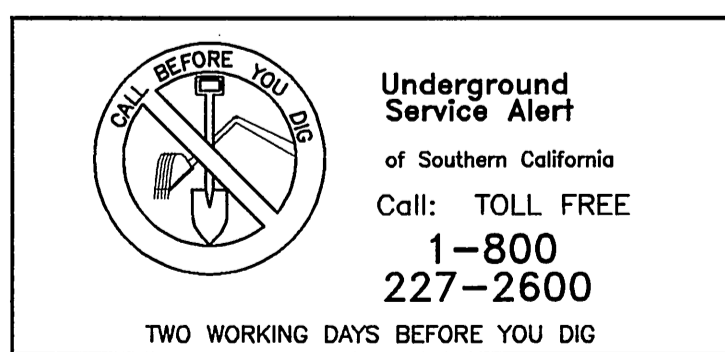
CAUTION:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR UNAUTHORIZED CHANGES TO OR USE OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

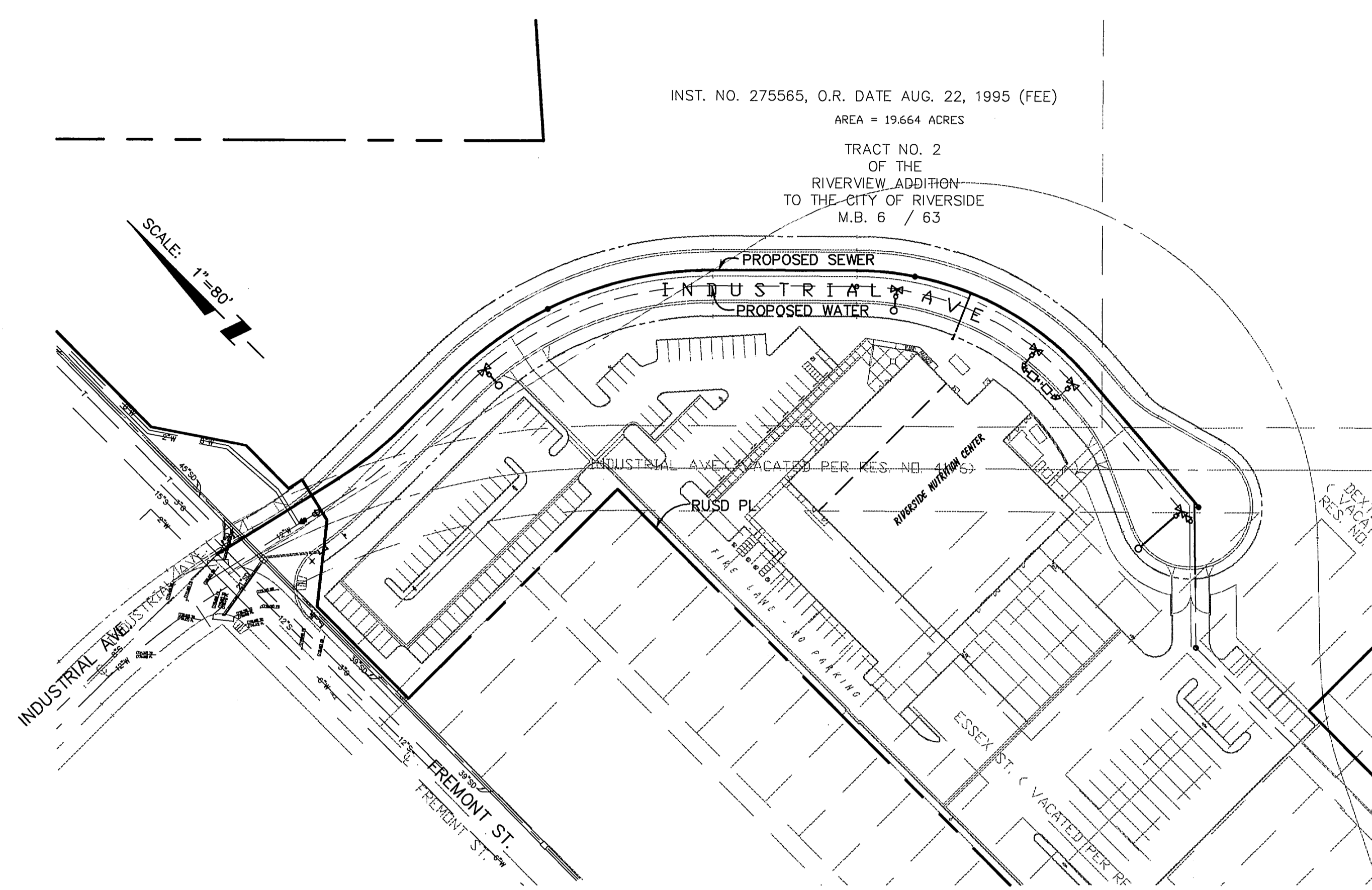
UNDERGROUND SERVICE ALERT

CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-227-2600 AT LEAST 48 HOURS PRIOR TO EXCAVATION

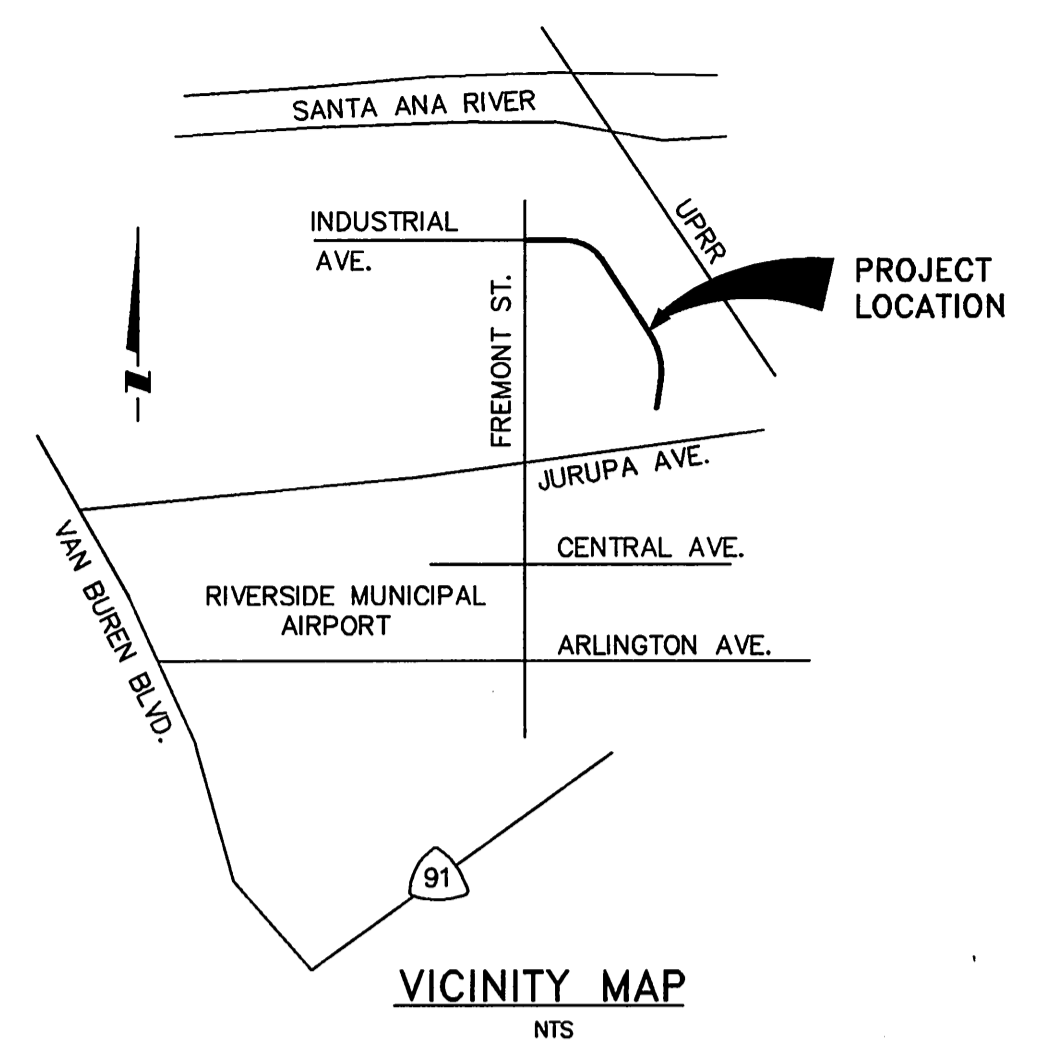
BENCHMARK:
CITY OF RIVERSIDE BENCHMARK NO. H4-A
P.K. NAIL AND TAG IN BASE OF STREET
LIGHT ON N. SIDE OF JURUPA AVE. 40'
W'LY OF ROHR R.R. SPUR FB 739/48.
ELEV. 788.314 ADJUSTMENT _____



SEWER IMPROVEMENT PLANS FOR INDUSTRIAL AVENUE



INDEX MAP



CONSTRUCTION NOTES

SEWER

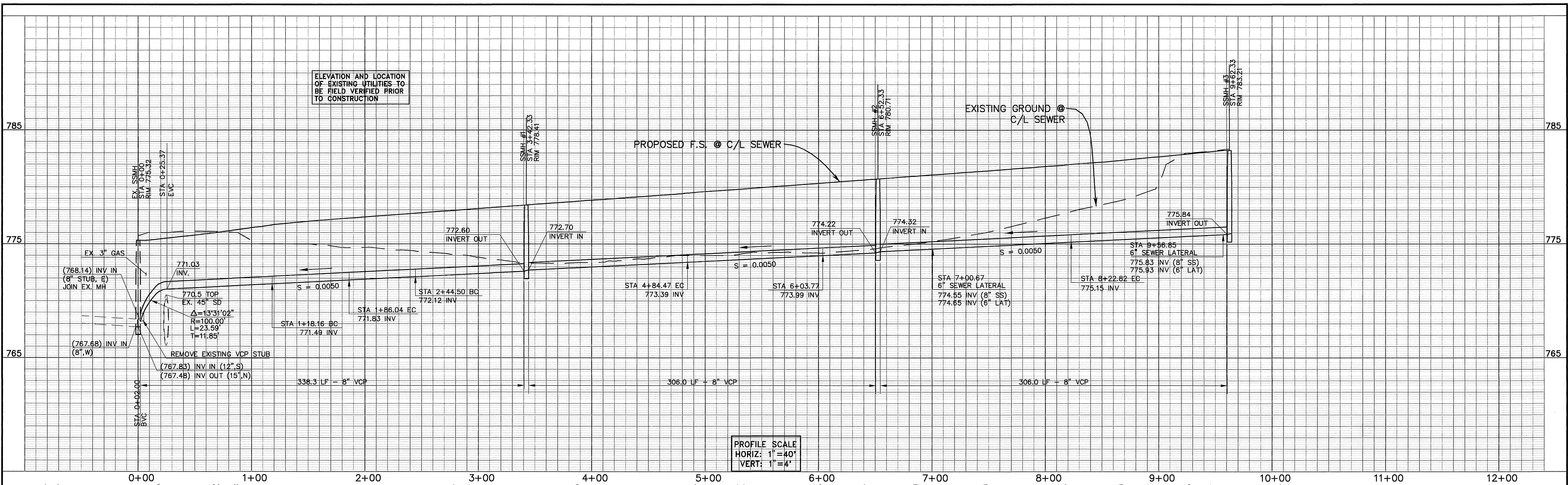
1. INSTALL 8" VCP SEWER MAIN
2. INSTALL PRECAST CONCRETE SEWER MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500
3. INSTALL PRIVATE 6" VCP SEWER LATERAL PER CITY OF RIVERSIDE STANDARD DRAWING NO. 562
4. PLUG END
5. CONNECT TO EXISTING SEWER MANHOLE AND ADJUST MANHOLE TO GRADE

CITY OF RIVERSIDE ELECTRICAL DEPT.	PACIFIC BELL COMPANY	SOUTHERN CALIF. GAS CO.	CITY OF RIVERSIDE WATER DEPT.	PLANS PREPARED UNDER THE SUPERVISION OF: <i>Sam M. Ali</i> SAM M. ALI R.C.E. No. 36050 Exp. 6/30/00	PLANS PREPARED BY: PSOMAS Psomas & Associates - Costa Mesa 3187 Red Hill Avenue, Suite 250 Costa Mesa, California 92626 (714) 751-7373 FAX (714) 545-8883 CITY BUSINESS TAX CERTIFICATE NO. 021337 EXP. DATE 10/1/97	<table border="1"> <tr> <th>MARK</th> <th>REVISIONS</th> <th>APP'D DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	MARK	REVISIONS	APP'D DATE				<table border="1"> <tr> <th colspan="3">CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</th> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td>BY</td> </tr> <tr> <td><i>Sam M. Ali</i></td> <td>1/16/97</td> <td><i>Sam M. Ali</i></td> </tr> <tr> <td>TRAFFIC DIVISION</td> <td>DATE</td> <td>DATE</td> </tr> <tr> <td>CHIEF P.W. ENGINEER</td> <td>1/17/97</td> <td>1/17/97</td> </tr> <tr> <td>STREET SERVICES</td> <td>1/17/97</td> <td>1/17/97</td> </tr> </table>	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			APPROVED BY	DATE	BY	<i>Sam M. Ali</i>	1/16/97	<i>Sam M. Ali</i>	TRAFFIC DIVISION	DATE	DATE	CHIEF P.W. ENGINEER	1/17/97	1/17/97	STREET SERVICES	1/17/97	1/17/97	<table border="1"> <tr> <th colspan="2">RIVERSIDE UNIFIED SCHOOL DISTRICT SITE SEWER IMPROVEMENT PLANS 6050 INDUSTRIAL AVENUE</th> </tr> <tr> <td>HORIZ. SCALE: 1"= 40'</td> <td>VERT. SCALE: 1"= 4'</td> </tr> </table>	RIVERSIDE UNIFIED SCHOOL DISTRICT SITE SEWER IMPROVEMENT PLANS 6050 INDUSTRIAL AVENUE		HORIZ. SCALE: 1"= 40'	VERT. SCALE: 1"= 4'	<table border="1"> <tr> <td>ACCOUNT NO.</td> <td>S-1684</td> </tr> <tr> <td>SHEET</td> <td>1 OF 2</td> </tr> <tr> <td>DATE</td> <td>2HMC0102 10/28/96</td> </tr> </table>	ACCOUNT NO.	S-1684	SHEET	1 OF 2	DATE	2HMC0102 10/28/96
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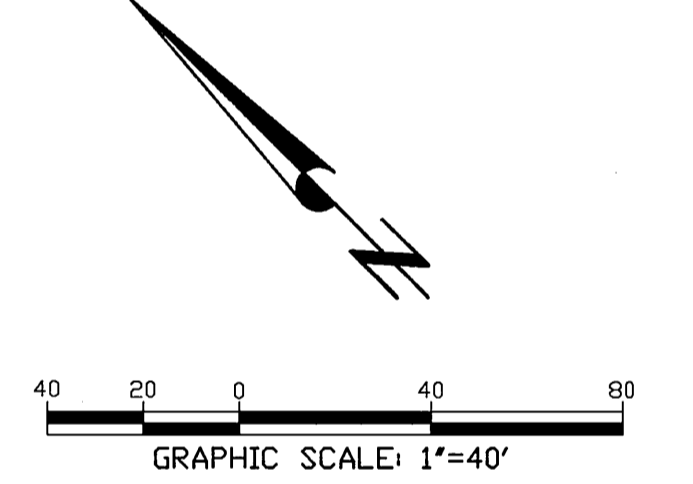
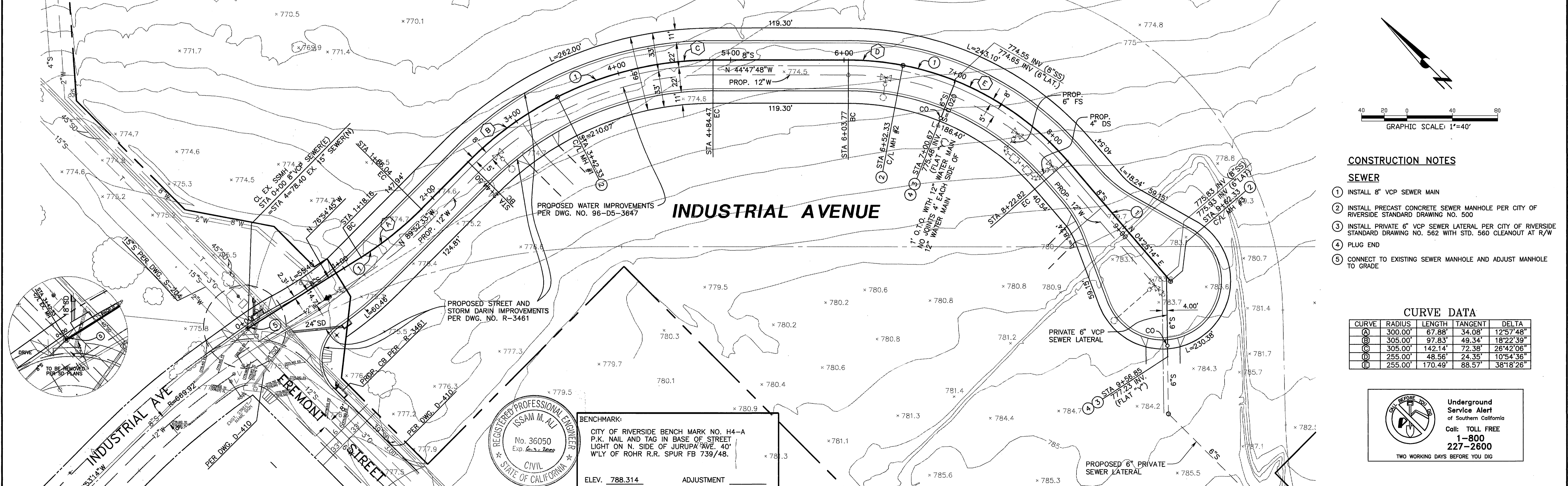
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ELEVATION AND LOCATION OF EXISTING UTILITIES TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION



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

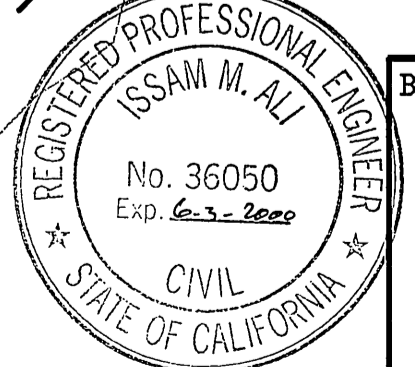


CONSTRUCTION NOTES

- SEWER**
- 1 INSTALL 8" VCP SEWER MAIN
 - 2 INSTALL PRECAST CONCRETE SEWER MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500
 - 3 INSTALL PRIVATE 6" VCP SEWER LATERAL PER CITY OF RIVERSIDE STANDARD DRAWING NO. 562 WITH STD. 560 CLEANOUT AT R/W
 - 4 PLUG END
 - 5 CONNECT TO EXISTING SEWER MANHOLE AND ADJUST MANHOLE TO GRADE

CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	DELTA
(A)	300.00'	67.88'	34.08'	12°57'48"
(B)	305.00'	97.83'	49.34'	18°22'39"
(C)	305.00'	142.14'	72.38'	26°42'06"
(D)	255.00'	48.56'	24.35'	10°54'36"
(E)	255.00'	170.49'	88.57'	38°18'26"



BENCHMARK:
CITY OF RIVERSIDE BENCH MARK NO. H4-A
P.K. NAIL AND TAG IN BASE OF STREET
LIGHT ON N. SIDE OF JURUPA AVE. 40'
W'LY OF ROHR R.R. SPUR FB 739/48.

ELEV. 788.314 ADJUSTMENT

CITY OF RIVERSIDE ELECTRICAL DEPT.	PACIFIC BELL COMPANY	SOUTHERN CALIF. GAS CO.	CITY OF RIVERSIDE WATER DEPT.	PLANS PREPARED UNDER THE SUPERVISION OF: <i>Sam M. Ali</i> SAM M. ALI R.C.E. No. 36050 Exp. 6/30/00	PLANS PREPARED BY: PSOMAS Psomas & Associates - Costa Mesa 3187 Red Hill Avenue, Suite 250 Costa Mesa, California 92626 (714) 751-7373 FAX (714) 545-8883 CITY BUSINESS TAX CERTIFICATE NO. 021337 EXP. DATE 10/1/97	ENGINEERS SURVEYORS PLANNERS	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	RIVERSIDE UNIFIED SCHOOL DIST. SEWER IMPROVEMENT PLAN 6050 INDUSTRIAL AVENUE	ACCOUNT NO. S-1684 SHEET 2 OF 2 2HMC0102 10/28/96	
APPROVED: <i>Buttman</i> 11-15-96	APPROVED: <i>R. A. Down</i> 11-14-96	APPROVED: <i>Don Z. Lee</i> 11-15-96	APPROVED: <i>Richard J. Dade</i> 12/19/96				APPROVED BY: <i>[Signature]</i> PRINCIPAL ENGINEER DATE: 11/97	APPROVED BY: <i>[Signature]</i> PUBLIC WORKS DIRECTOR DATE: 11/97	HORIZ. SCALE: 1"=40'	VERT. SCALE: 1"=4'

INDEXED 2-26-97 4/11