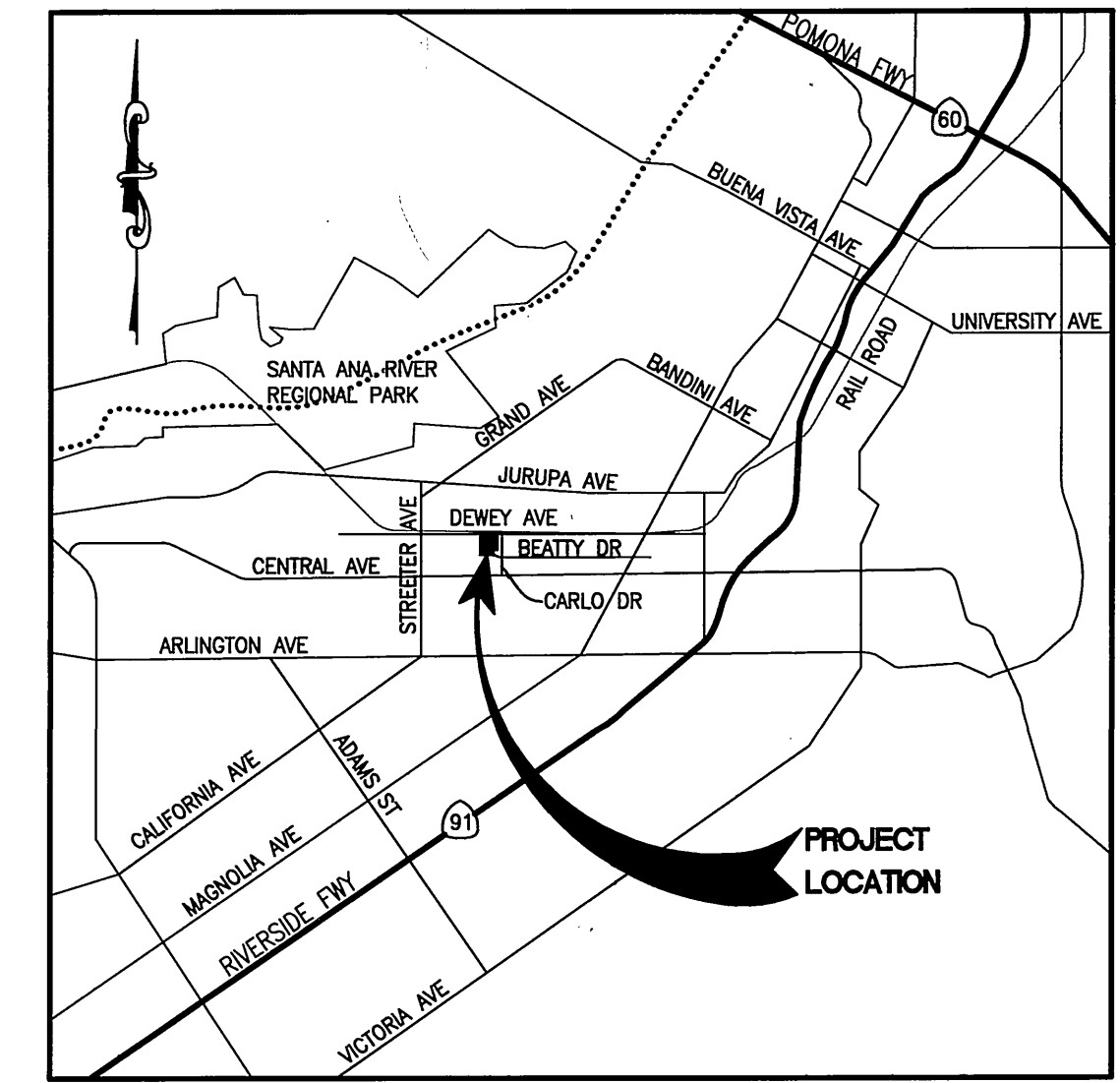


SEWER IMPROVEMENT PLANS FOR TRACT MAP NO. 32046

GENERAL NOTES

- 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.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 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 REVISIONS TO THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 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.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A BACKWATER VALVE INSTALLED IN THE LATERAL.
- A PLUG SHALL BE INSTALLED AND REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.



VICINITY MAP
NO SCALE

SEWER CONSTRUCTION NOTES

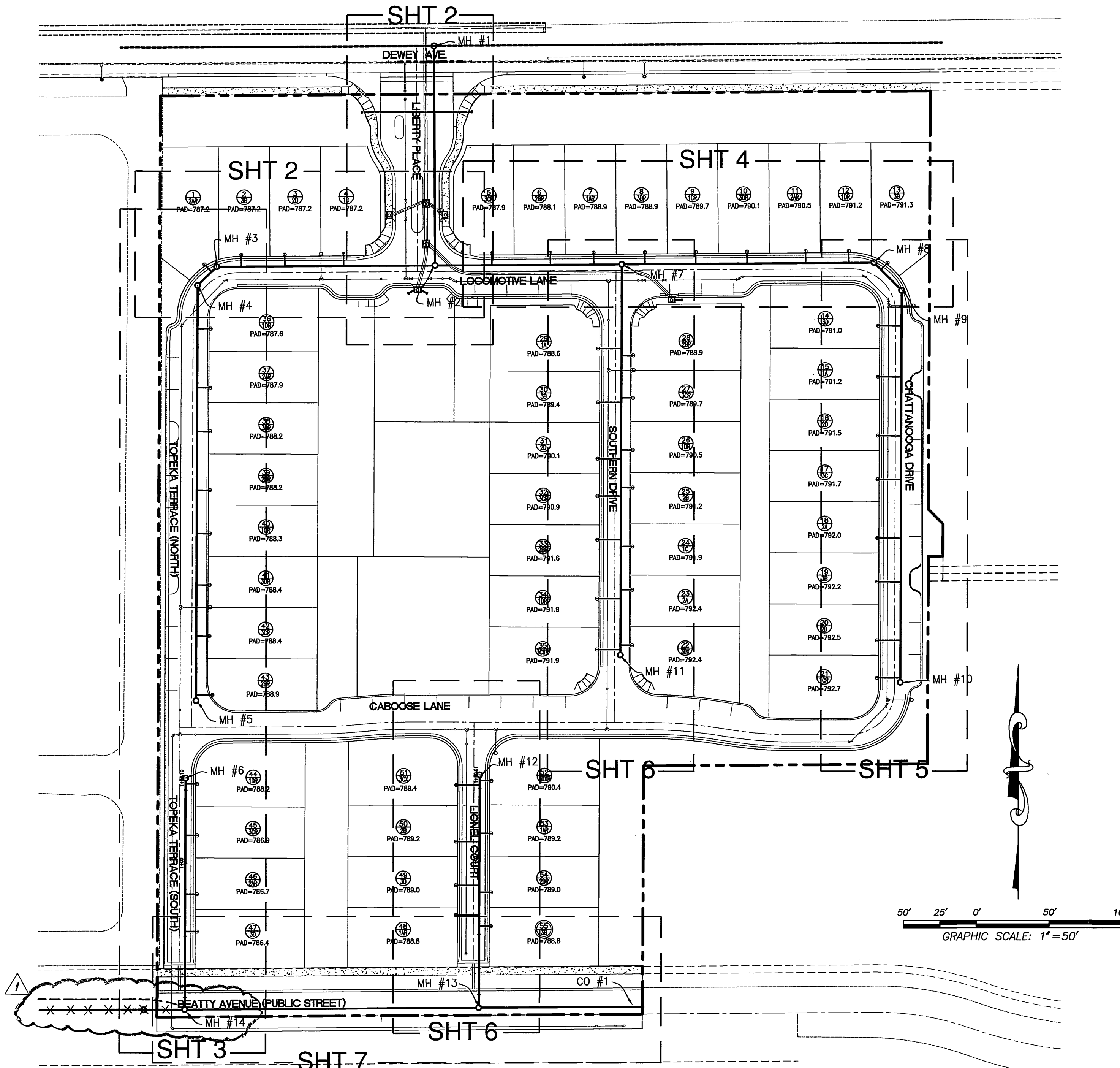
- CUT EXISTING CITY SEWER MAIN AND CONSTRUCT 48" MANHOLE PER CITY PUBLIC WORKS STANDARD DRAWING 500.
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- INSTALL CLEANOUT PER CITY PUBLIC WORKS STANDARD DRAWING 560.

LEGEND:

- | | | | |
|--|------------------------|--|-------------------|
| | JUNCTION STRUCTURE | | GATE VALVE |
| | CATCH BASIN | | TEE |
| | SANITARY SEWER MANHOLE | | 90° BEND |
| | STORM DRAIN MANHOLE | | BLOW-OFF ASSEMBLY |
| | CLEAN OUT | | SS LINE |
| | FIRE HYDRANT WITH TEE | | DW LINE |
| | | | SD LINE |

SHEET INDEX

SHEET NO.	TITLE
1 -	TITLE SHEET - INDEX MAP
2 -	PLAN AND PROFILE - LIBERTY PLACE & LOCOMOTIVE (WEST)
3 -	PLAN AND PROFILE - TOPEKA TERRACE (NORTH & SOUTH)
4 -	PLAN AND PROFILE - LOCOMOTIVE (EAST)
5 -	PLAN AND PROFILE - CHATTANOOGA DRIVE
6 -	PLAN AND PROFILE - SOUTHERN DRIVE & LIONEL COURT
7 -	PLAN AND PROFILE - BEATTY DRIVE

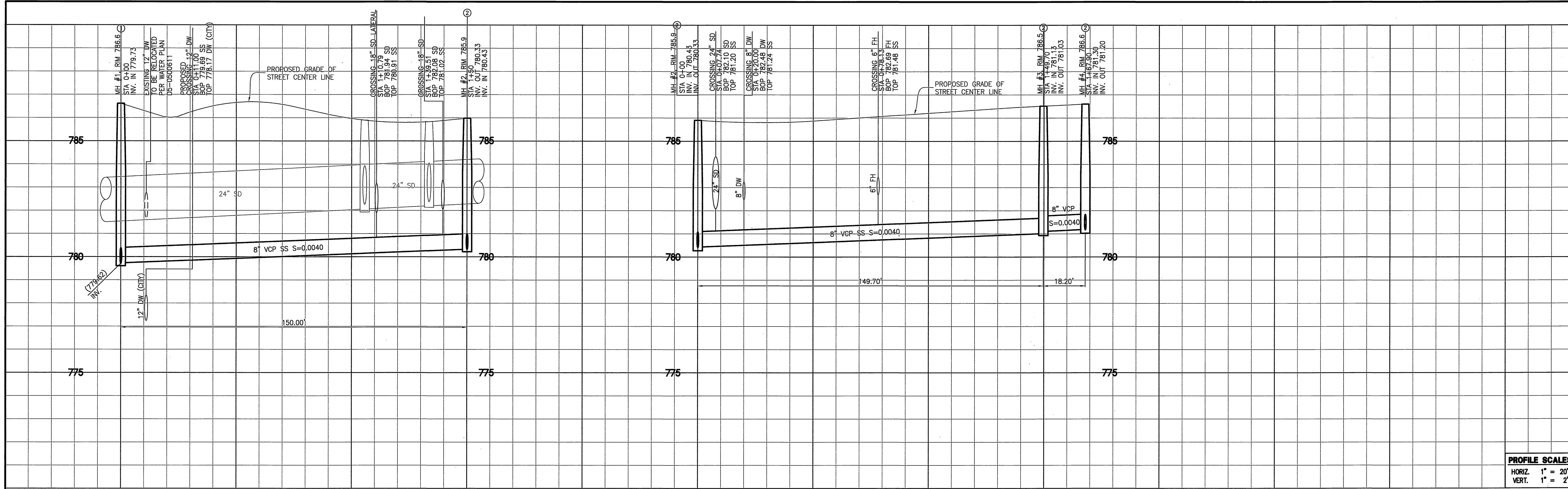


INDEX MAP

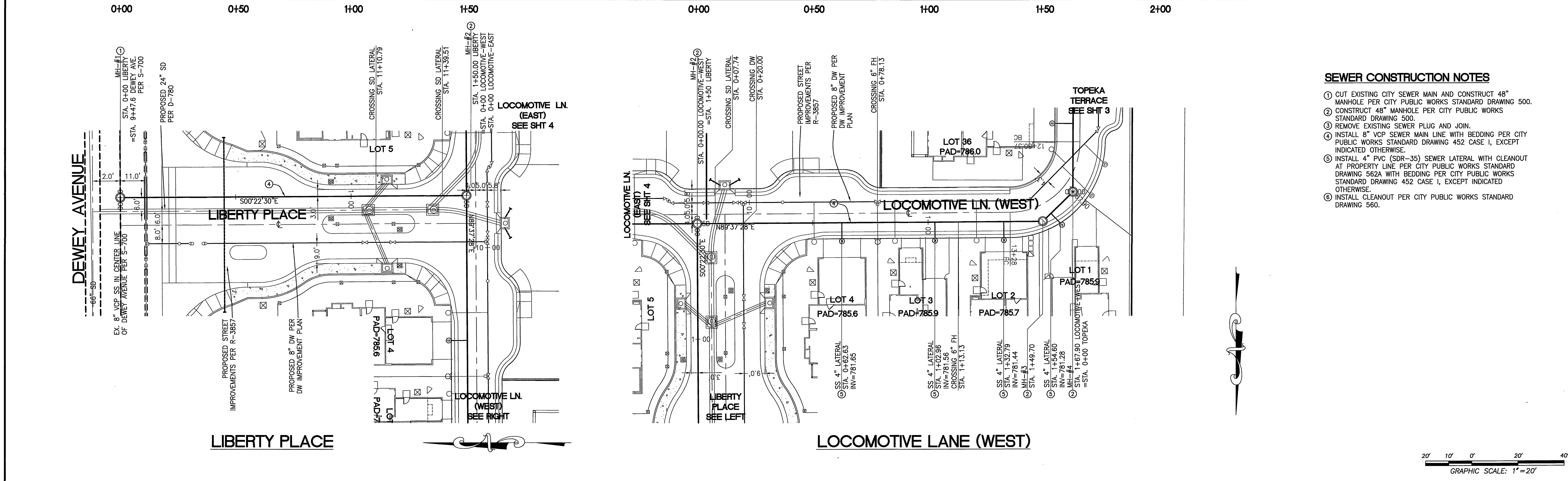


NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE A CONSTRUCTION PERMIT HAS BEEN ISSUED.

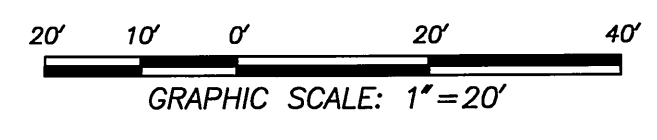
CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT OVERHEAD AND UNDERGROUND APPROVED BY: <i>[Signature]</i> DATE: 8/25/05	CITY OF RIVERSIDE WATER SYSTEM APPROVED BY: <i>[Signature]</i> DATE: 8/19/05 VOID ONE YEAR FROM THIS DATE	BENCHMARK CITY OF RIVERSIDE, H5-H3 P. K. NAIL AND CITY ENGINEER TAG IN THE SOUTHEASTERLY CORNER OF A CATCH BASIN IN THE NORTHERLY CURB OF JURUPA AVENUE, 37 FEET WESTERLY OF STEARNS STREET. ELEVATION = 784.689	SEAL 	ADAMS • STREETER CIVIL ENGINEERS, INC. 15 Corporate Park, Irvine, CA 92606 Ph: 949 474-2330 Fax: 949 474-0251 CITY OF RIVERSIDE BUSINESS: TAX CERT. #: 108207, EXP.: 07/08/06	PREPARED UNDER THE SUPERVISION OF: FELIX GONZALEZ R.C.E. NO. 67660 DATE: 8/18/05	3-2-06 F.G. DATE BY MARK ENGINEER	REVISED SEWER SLOPES & INV. R.V.Z. 8/2/06 APPR. DATE COUNTY	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		APPROVED BY: <i>[Signature]</i> BY DATE: 8/25/05 PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION STREET SERVICES CITY ENGINEER	SEWER IMPROVEMENT PLANS TRACT MAP NO. 32046 TITLE SHEET		PW05-0193 S-1908 1 OF 7 SHTS
								FOR: RICHMOND AMERICAN SCALE: AS SHOWN			INDEXED 10-12-05 L.H.		



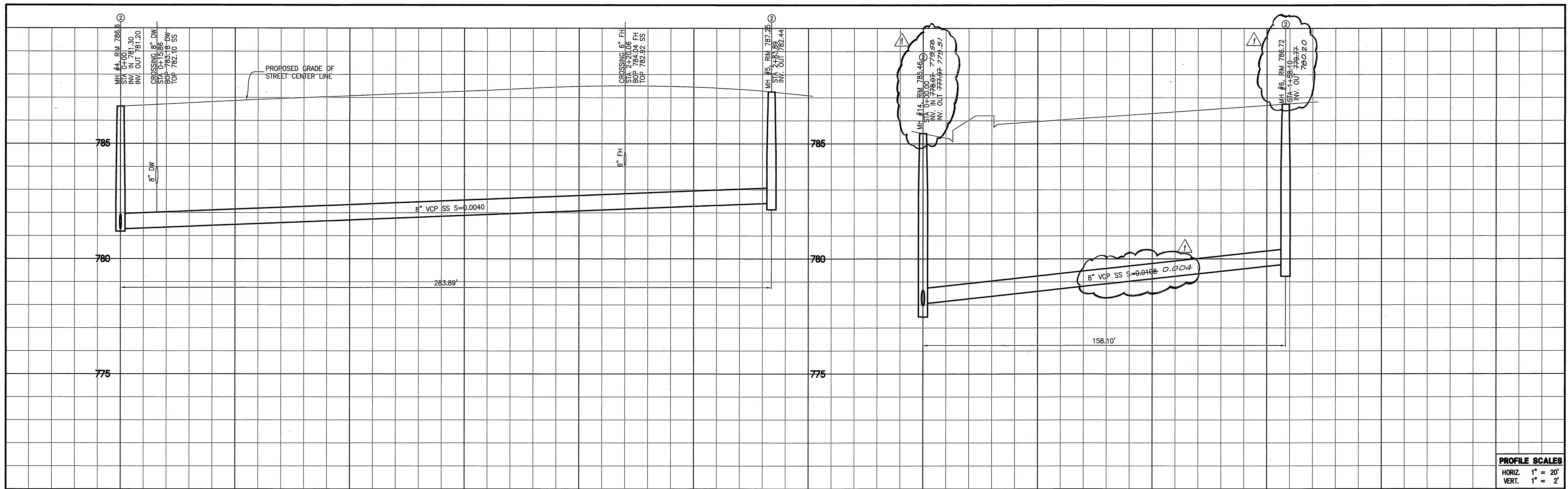
PROFILE SCALES
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 VERT. 1" = 2'



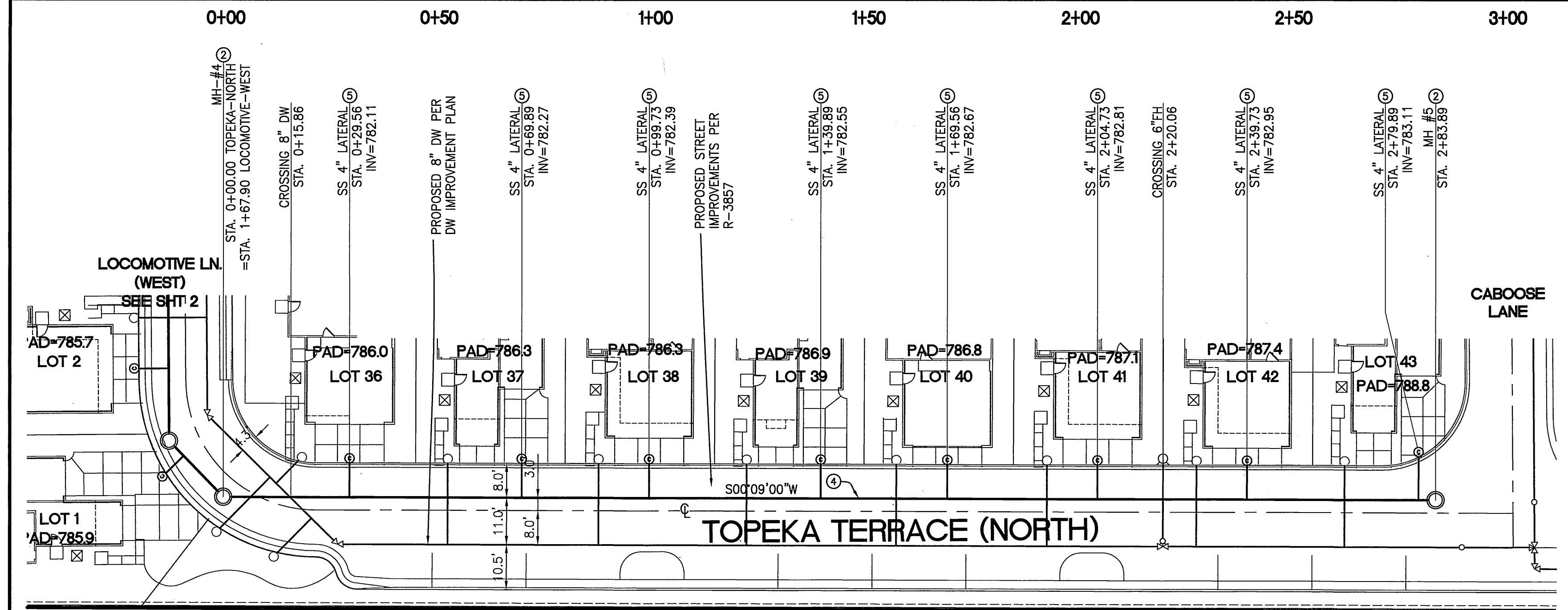
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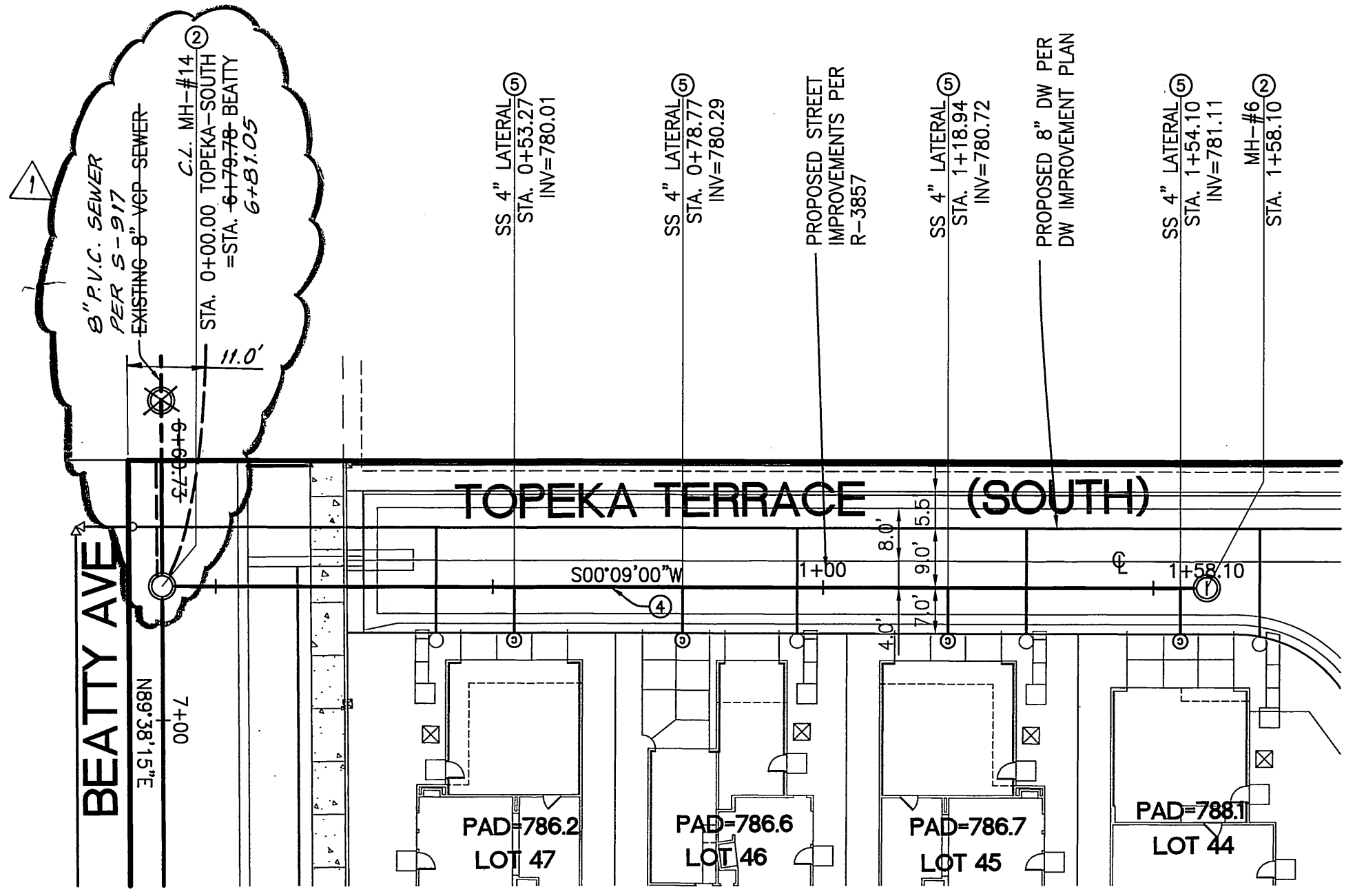
<p>Underground Service Alert Call TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG</p>	<p>NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR GRADING PERMIT HAS BEEN ISSUED.</p> <p>THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES AFTER COUNTY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY.</p>	<p>BENCHMARK CITY OF RIVERSIDE, H5-H3 P. K. NAIL AND CITY ENGINEER TAG IN THE SOUTHEASTERLY CORNER OF A CATCH BASIN IN THE NORTHERLY CURB OF JURUPA AVENUE, 37 FEET WESTERLY OF STEARNS STREET. ELEVATION = 784.689</p>		<p>ADAMS • STREETER CIVIL ENGINEERS, INC. 15 Corporate Park, Irvine, CA 92606 Ph: 949 474-2330 Fax: 949 474-0251 CITY OF RIVERSIDE BUSINESS TAX CERT. #: 108207, EXP.: 07/08/06</p>	<p>PREPARED UNDER THE SUPERVISION OF: FELIX GONZALEZ DATE: 8/18/05</p>	<p>R.C.E. NO. 67660 DATE: 8/18/05</p>	<p>APPROVED BY: _____ BY DATE: _____ PRINCIPAL ENGINEER: _____ PARK DEPARTMENT: _____ TRAFFIC DIVISION: _____ STREET SERVICES: _____</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p>	<p>SEWER IMPROVEMENT PLANS TRACT MAP NO. 32046 SEWER PLAN AND PROFILE LIBERTY PLACE & LOCOMOTIVE LANE (WEST)</p>	<p>PW05-0193 S-1908 2 OF 7 SHTS</p>



PROFILE SCALES
 HORIZ. 1" = 20'
 VERT. 1" = 2'

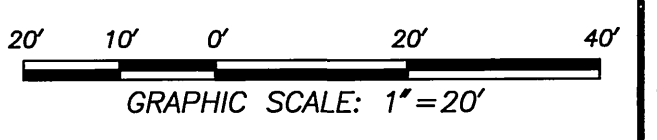


TOPEKA TERRACE (NORTH)



TOPEKA TERRACE (SOUTH)

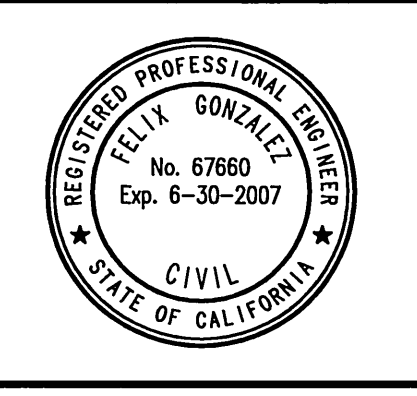
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BENCHMARK
 CITY OF RIVERSIDE, H5-H3 P. K. NAIL AND CITY ENGINEER TAG IN THE SOUTHEASTERLY CORNER OF A CATCH BASIN IN THE NORTHERLY CURB OF JURUPA AVENUE, 37 FEET WESTERLY OF STEARNS STREET.
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 15 Corporate Park, Irvine, CA 92606
 Ph: 949 474-2330 Fax: 949 474-0251
 CITY OF RIVERSIDE BUSINESS: TAX CERT. #: 108207, EXP.: 07/08/06

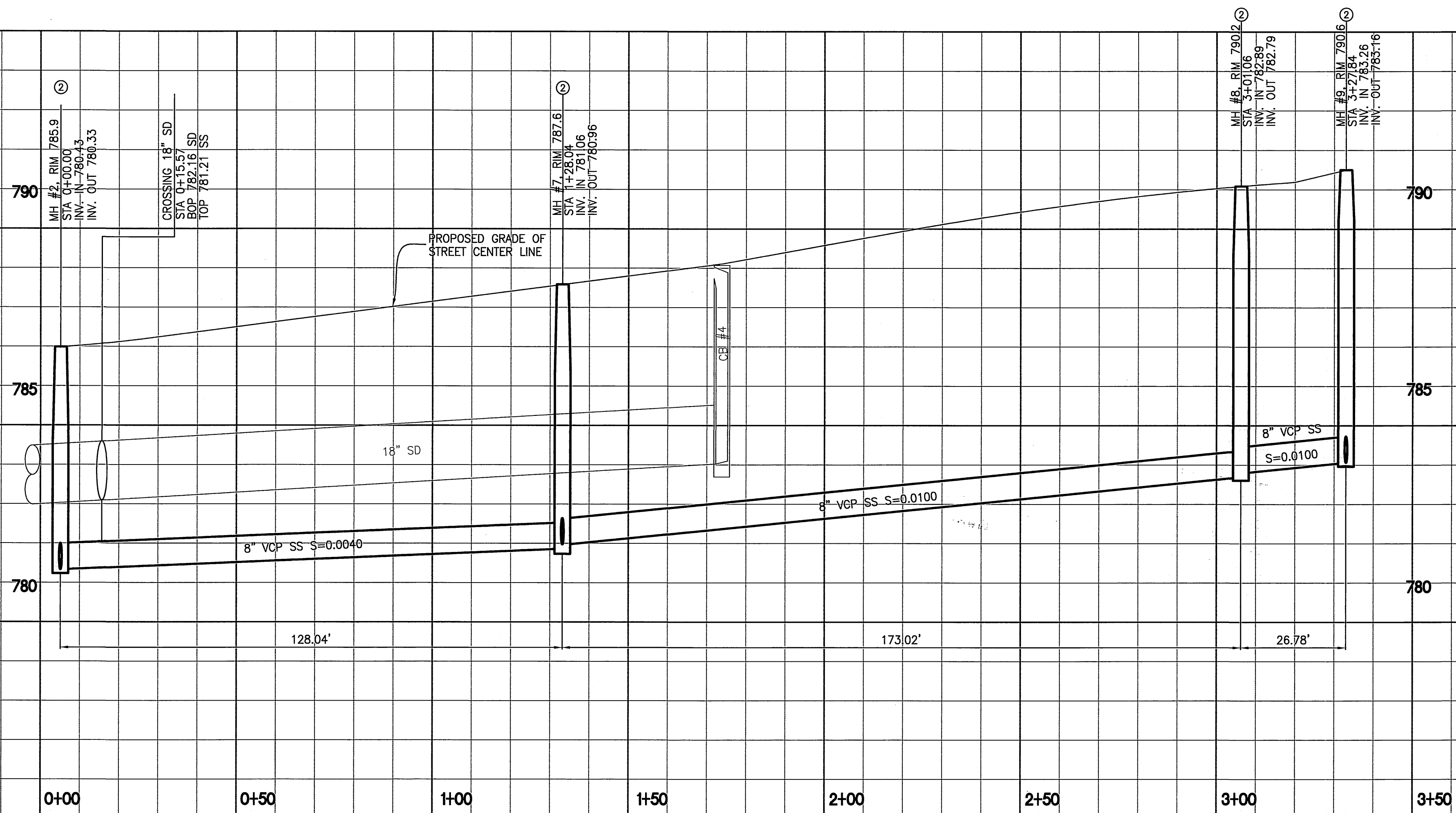
PREPARED UNDER THE SUPERVISION OF: R.C.E. NO. 67660
 Felix Gonzalez
 DATE: 8/16/05

3-2-06	F.G.	REVISED SEWER SLOPES & INV.	RWZ	3-7-06	APPR. DATE
	BY	MARK			COUNTY
REVISIONS					

CITY OF RIVERSIDE CALIFORNIA PUBLIC WORKS DEPARTMENT	
APPROVED BY	BY DATE APPROVED BY
PRINCIPAL ENGINEER	8/16/05
PARK DEPARTMENT	
TRAFFIC DIVISION	
STREET SERVICES	8/16/05
CITY ENGINEER	

SEWER IMPROVEMENT PLANS		PW05-0193
TRACT MAP NO. 32046		S-1908
SEWER PLAN AND PROFILE		3 OF 7 SHTS.
TOPEKA TERRACE (NORTH & SOUTH)		
FOR: RICHMOND AMERICAN	SCALE: AS SHOWN	

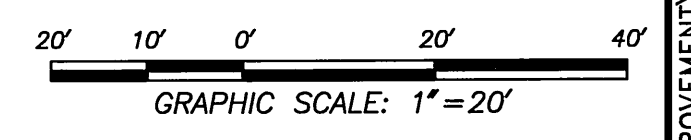
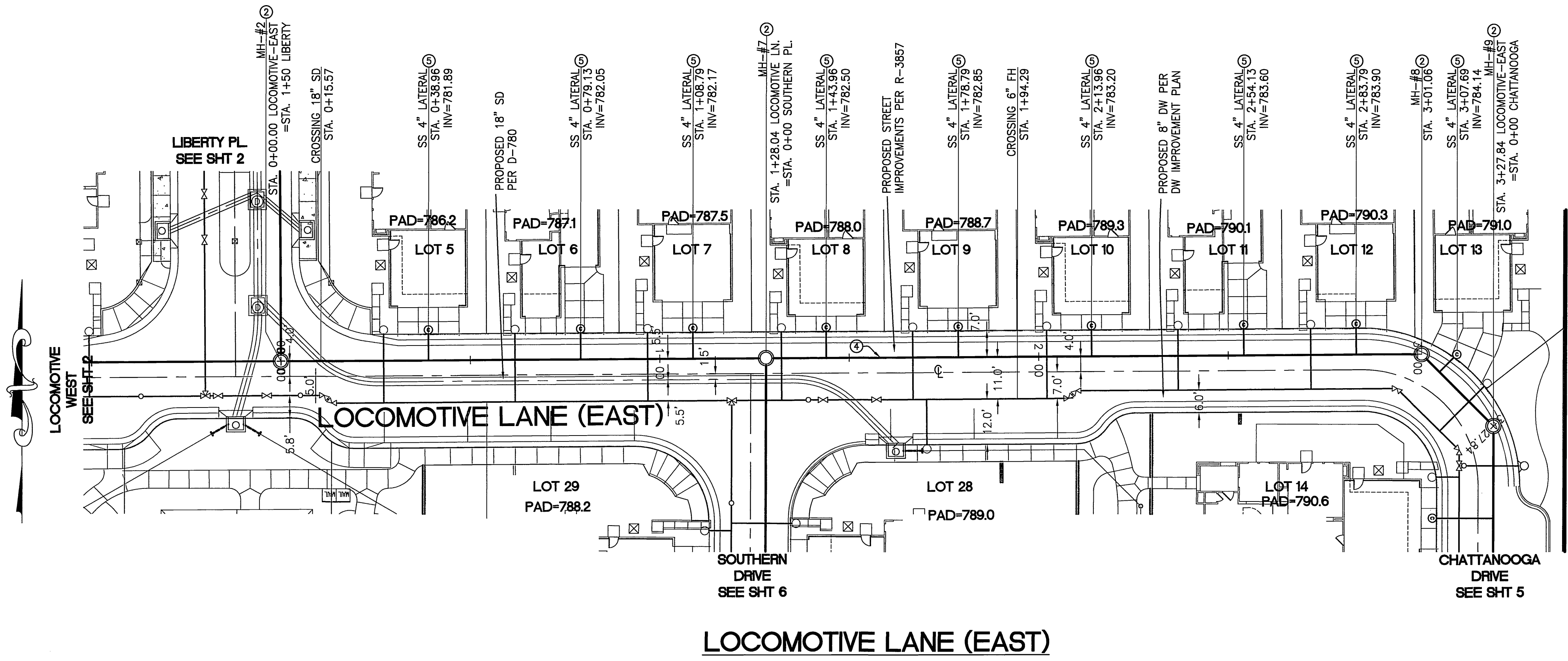
INDEXED 10-12-05 LHM



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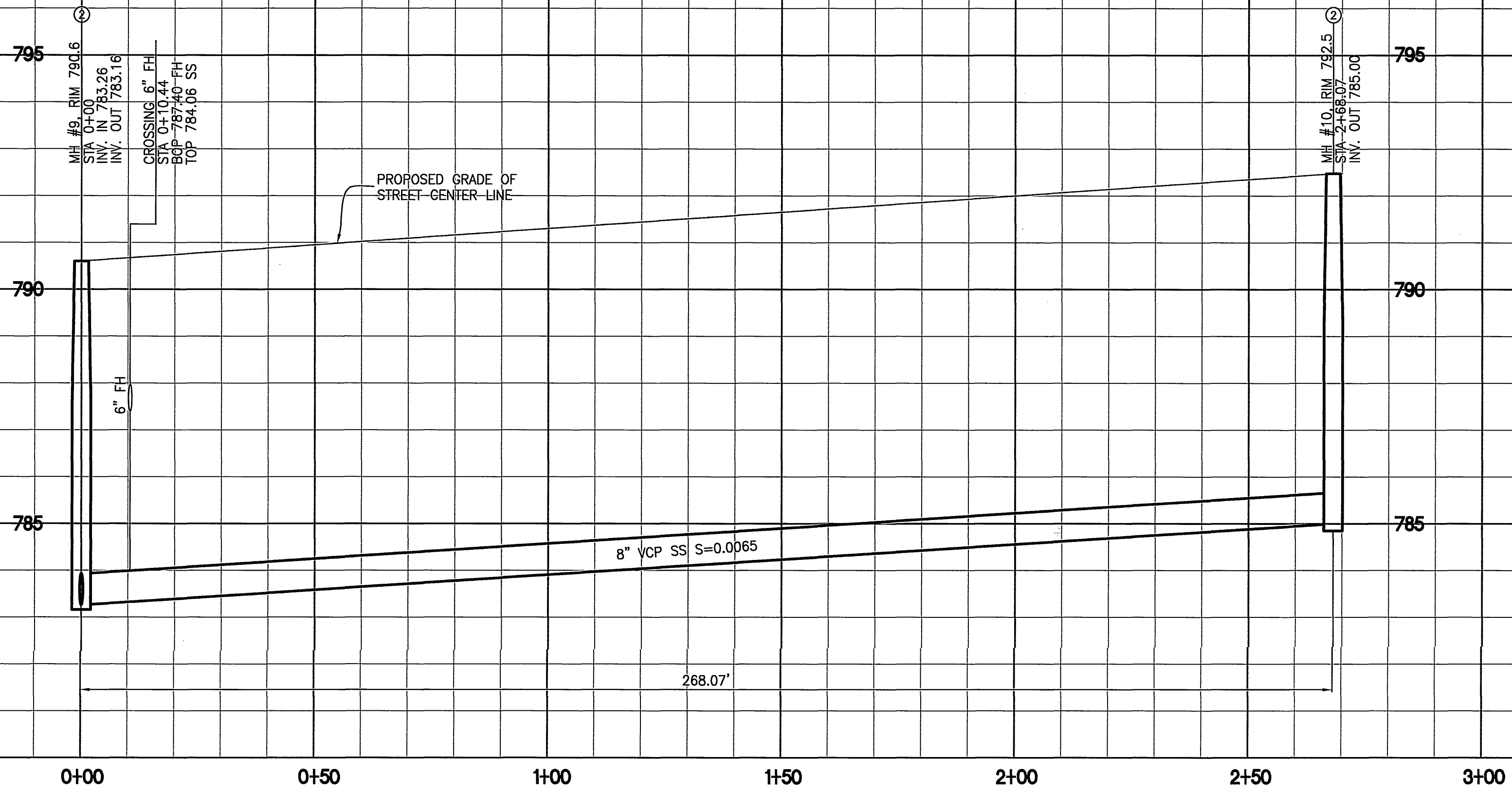
ADAMS • STREETER CIVIL ENGINEERS, INC.
 15 Corporate Park, Irvine, CA 92606
 Ph: 949 474-2330 Fax: 949 474-0251
 No. 67666
 CITY OF RIVERSIDE BUSINESS:
 TAX CERT. #: 108207, EXP.: 07/08/06

PREPARED UNDER THE SUPERVISION OF: R.C.E. NO. 67660
 Felix Gonzalez
 DATE: 8/18/05

DATE	BY	MARK	REVISIONS	APPR. DATE	COUNTY

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	
APPROVED BY	BY DATE APPROVED BY
PRINCIPAL ENGINEER	8/26/05
PARK DEPARTMENT	
TRAFFIC DIVISION	
STREET SERVICES	8/18/05
	CITY ENGINEER

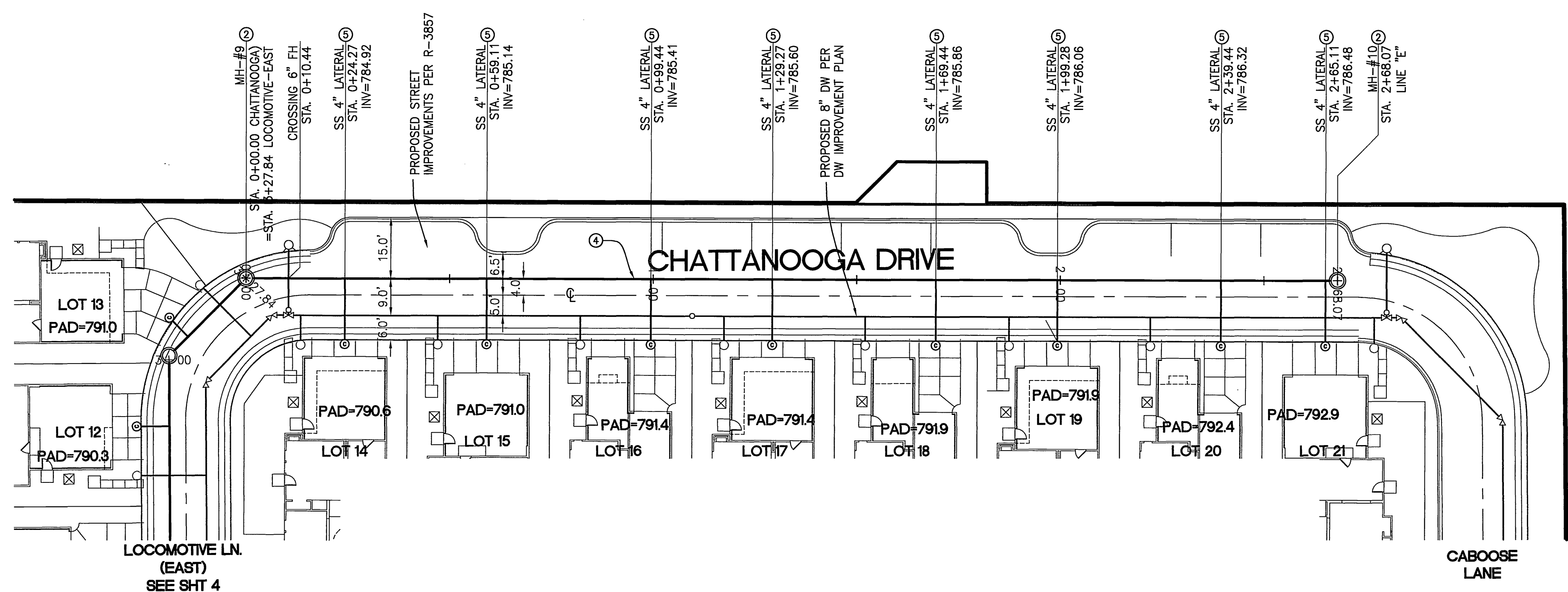
SEWER IMPROVEMENT PLANS		PW05-0193
TRACT MAP NO. 32046		S-1908
SEWER PLAN AND PROFILE		
LOCOMOTIVE LANE (EAST)		
		4 OF 7 SHTS.
FOR: RICHMOND AMERICAN	SCALE: AS SHOWN	



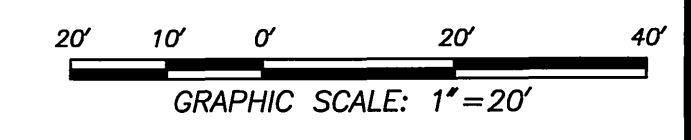
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CHATTANOOGA DRIVE



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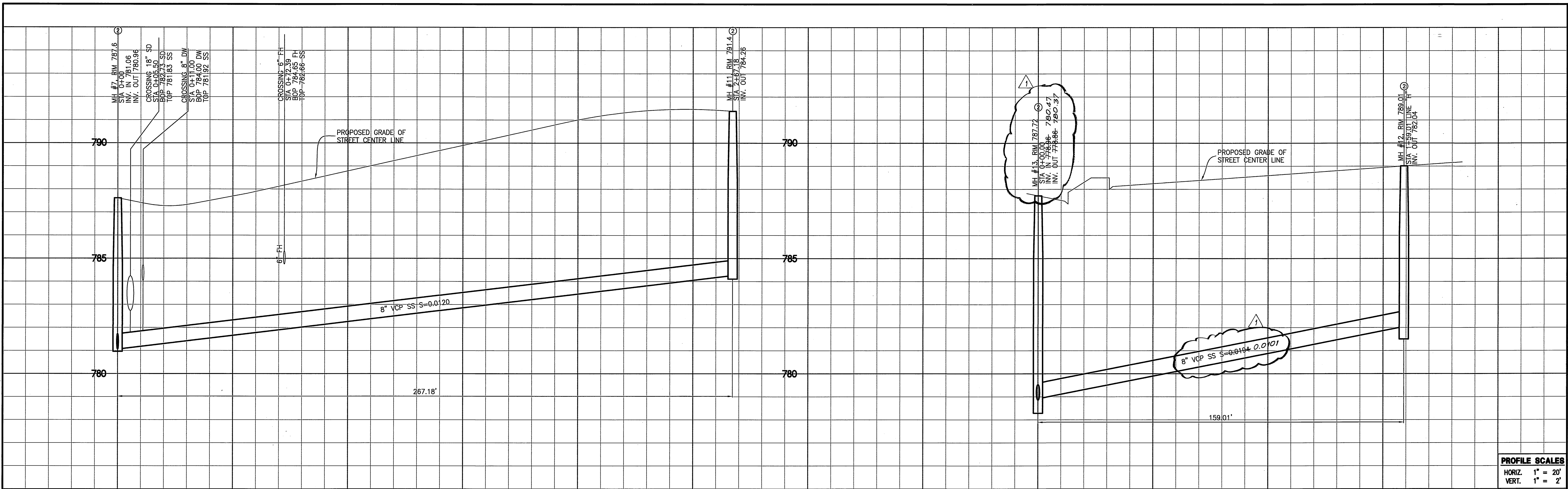
PREPARED UNDER THE SUPERVISION OF: R.C.E. NO. 67660
 DATE: 8/18/05
 FELIX GONZALEZ ENGINEER

DATE	BY	MARK	REVISIONS	APPR.	DATE

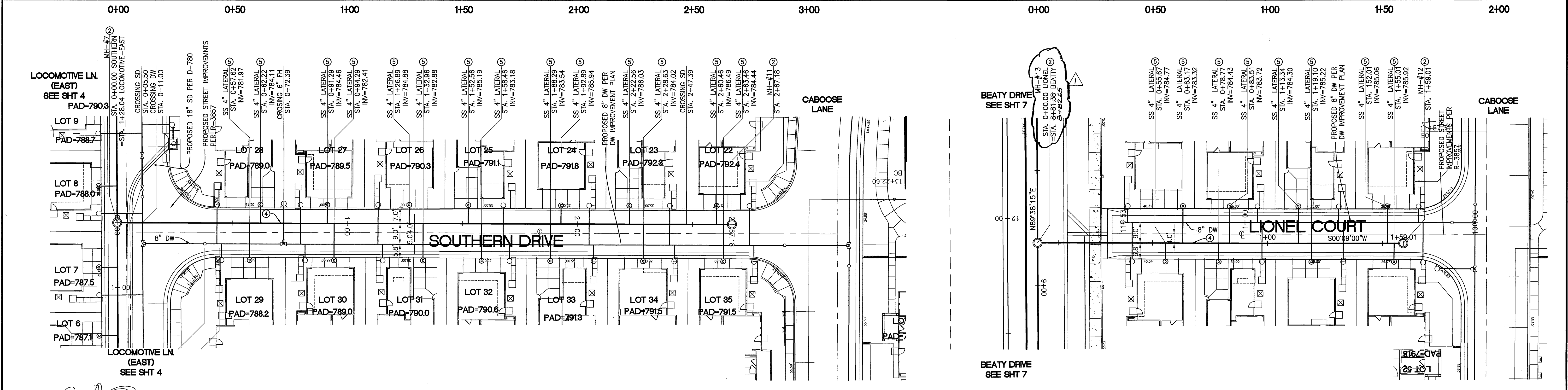
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	
APPROVED BY	BY DATE APPROVED BY
PRINCIPAL ENGINEER	8/18/05
PARK DEPARTMENT	
TRAFFIC DIVISION	
STREET SERVICES	8/18/05

SEWER IMPROVEMENT PLANS
 TRACT MAP NO. 32046
SEWER PLAN AND PROFILE
 CHATTANOOGA DRIVE
 5 OF 7 SHTS.

FOR: RICHMOND AMERICAN SCALE: AS SHOWN
 INDEXED 10-12-05 LHM

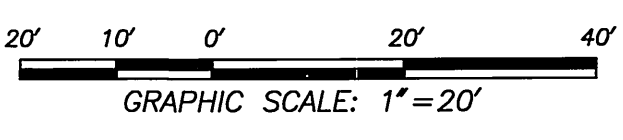


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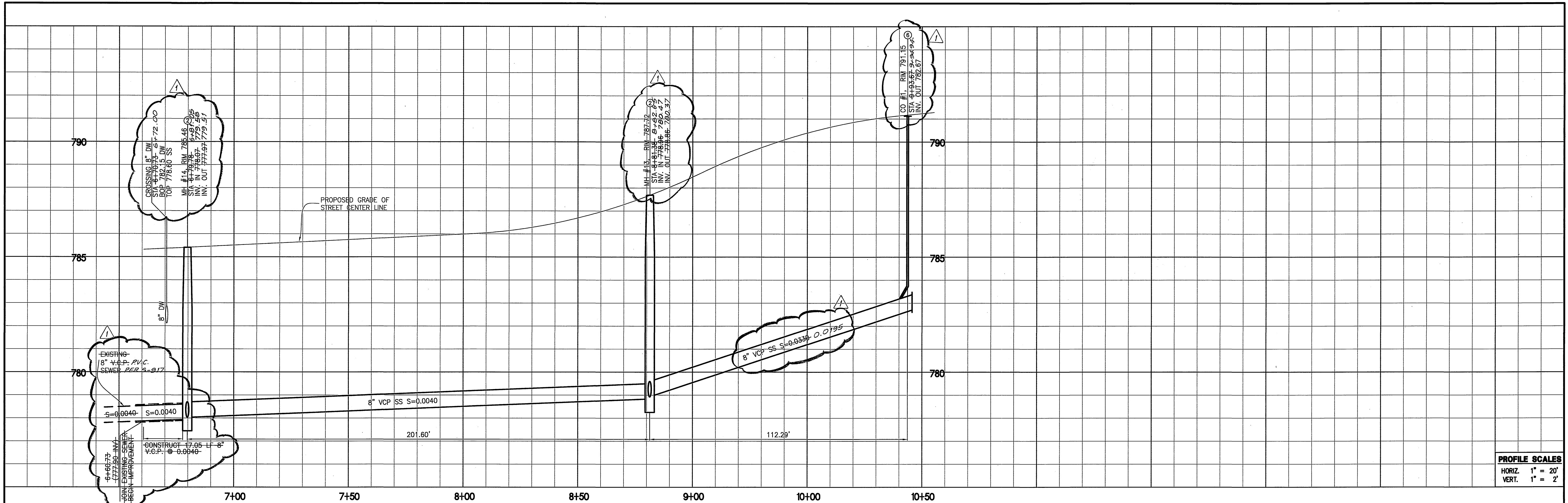


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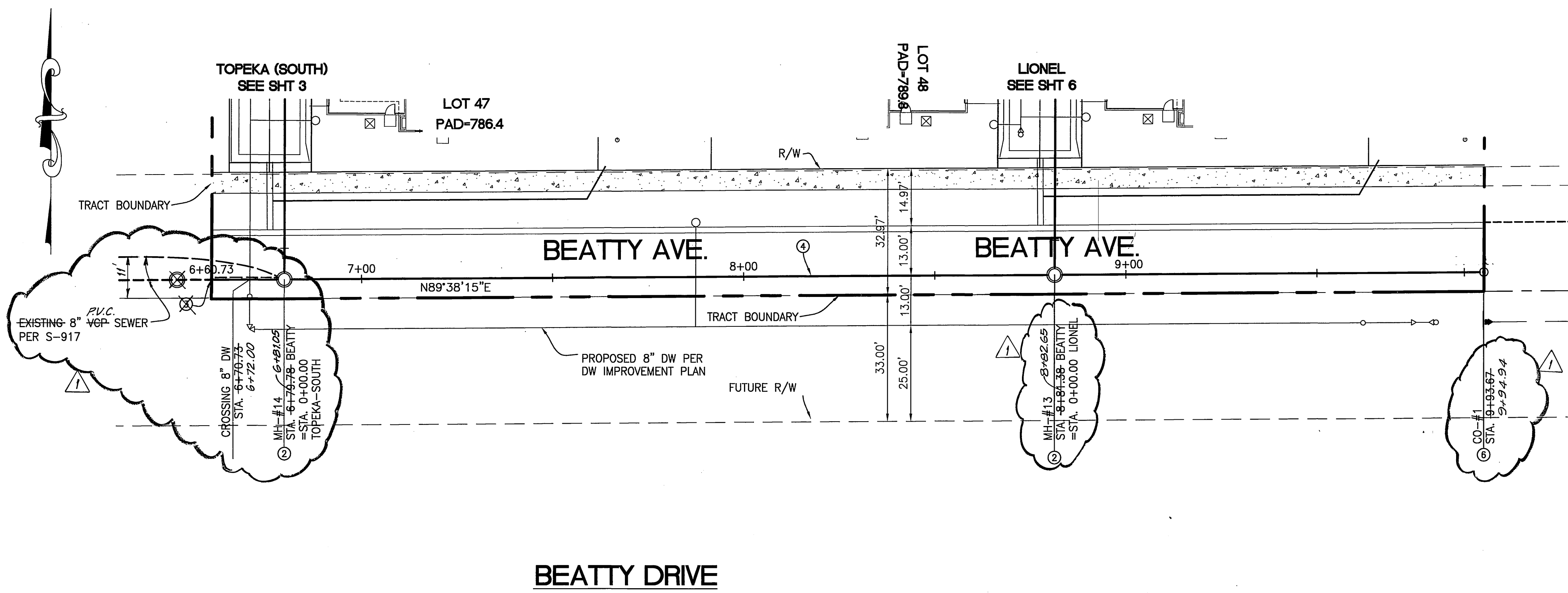
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- INSTALL 4" PVC (SDR-35) SEWER LATERAL WITH CLEANOUT AT PROPERTY LINE PER CITY PUBLIC WORKS STANDARD DRAWING 562A WITH BEDDING PER CITY PUBLIC WORKS STANDARD DRAWING 452 CASE I, EXCEPT INDICATED OTHERWISE.
- INSTALL CLEANOUT PER CITY PUBLIC WORKS STANDARD DRAWING 560.



<p>Underground Service Alert Call: TOLL FREE 1-800-227-2800 TWO WORKING DAYS BEFORE YOU DIG</p>	<p>NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR GRADING PERMIT HAS BEEN ISSUED.</p>	<p>BENCHMARK CITY OF RIVERSIDE, H5-H3 P. K. NAIL AND CITY ENGINEER TAG IN THE SOUTHEASTERLY CORNER OF A CATCH BASIN IN THE NORTHERLY CURB OF JURUPA AVENUE, 37 FEET WESTERLY OF STEARNS STREET. ELEVATION = 784.689</p>	<p>ADAMS • STREETER CIVIL ENGINEERS, INC. 15 Corporate Park, Irvine, CA 92606 Ph: 949 474-2330 Fax: 949 474-0251 CITY OF RIVERSIDE BUSINESS TAX CERT. #: 108207, EXP.: 07/08/06</p>	<p>APPROVED BY: [Signature] DATE: 8/18/05</p>	<p>APPROVED BY: [Signature] DATE: 8/18/05</p>	<p>CITY OF RIVERSIDE CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <table border="1"> <tr> <td>APPROVED BY</td> <td>BY DATE</td> <td>APPROVED BY</td> </tr> <tr> <td>PRINCIPAL ENGINEER</td> <td>[Signature]</td> <td>[Signature]</td> </tr> <tr> <td>PARK DEPARTMENT</td> <td></td> <td></td> </tr> <tr> <td>TRAFFIC DIVISION</td> <td></td> <td></td> </tr> <tr> <td>STREET SERVICES</td> <td></td> <td></td> </tr> </table>	APPROVED BY	BY DATE	APPROVED BY	PRINCIPAL ENGINEER	[Signature]	[Signature]	PARK DEPARTMENT			TRAFFIC DIVISION			STREET SERVICES			<p>SEWER IMPROVEMENT PLANS TRACT MAP NO. 32046 SEWER PLAN AND PROFILE BEATTY DRIVE FOR: RICHMOND AMERICAN SCALE: AS SHOWN</p>	<p>PW05-0193 S-1908 7 OF 7 SHETS</p>
	APPROVED BY	BY DATE	APPROVED BY																				
PRINCIPAL ENGINEER	[Signature]	[Signature]																					
PARK DEPARTMENT																							
TRAFFIC DIVISION																							
STREET SERVICES																							
<p>THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES AFTER COUNTY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY.</p>	<p>PREPARED UNDER THE SUPERVISION OF: [Signature] DATE: 8/18/05</p>	<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>MARK</th> <th>REVISIONS</th> </tr> <tr> <td>1</td> <td>8-2-05</td> <td>EG</td> <td>Δ</td> <td>REVISED SEWER SLOPES @ INV.</td> </tr> </table>	NO.	DATE	BY	MARK	REVISIONS	1	8-2-05	EG	Δ	REVISED SEWER SLOPES @ INV.	<p>APPR. DATE: 8-7-06 COUNTY: RIZ</p>	<p>DATE: [Signature]</p>	<p>INDEXED 10-12-05 LKH</p>								
NO.	DATE	BY	MARK	REVISIONS																			
1	8-2-05	EG	Δ	REVISED SEWER SLOPES @ INV.																			