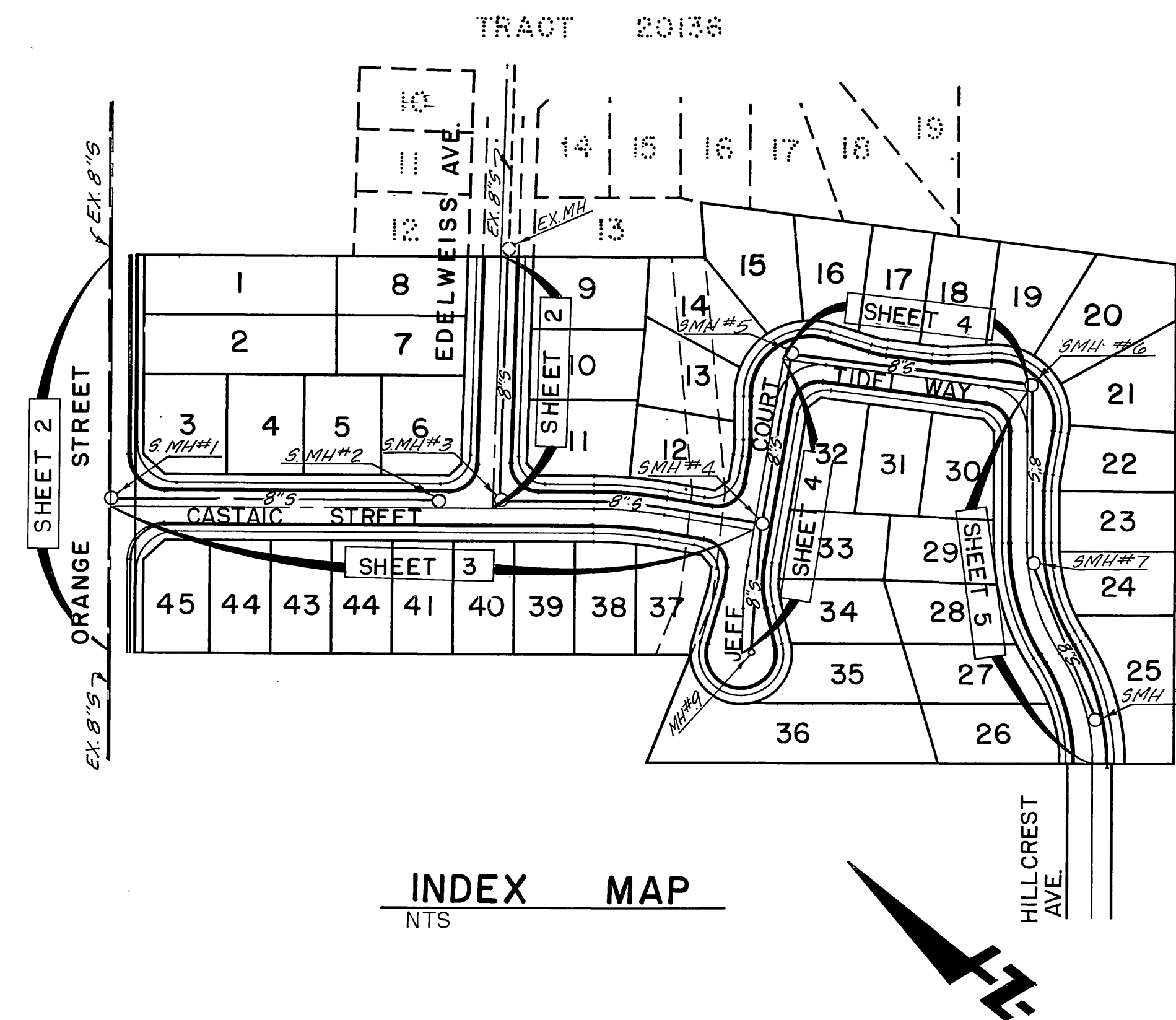


SEWER GENERAL NOTES:

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, STANDARD DRAWING NO. 10 & THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- 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.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- 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.
- 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.
- SEWER STATIONING SHOWN AS 0+00
- 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 AT NO COST TO THE CITY.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (UGA) PHONE NO. 1-800-422-4193, 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.
- 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.

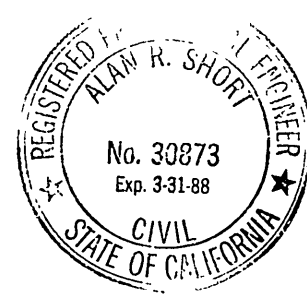
ESTIMATE OF QUANTITIES AND CONSTRUCTION NOTES

DESCRIPTION	QUANTITY	UNIT
① CONSTRUCT 8" ^{*TRUSS} V.C.P. SEWER MAIN LINE.	1,700	L.F.
② CONSTRUCT SEWER MANHOLE PER CITY STD. DWG. NO. 500	9	EA.
③ CONSTRUCT 4" V.C.P. SEWER LATERAL PER CITY STD. 562	1,650	L.F.
④ LAY SEWER LATERAL WYE FLAT	10	EA.

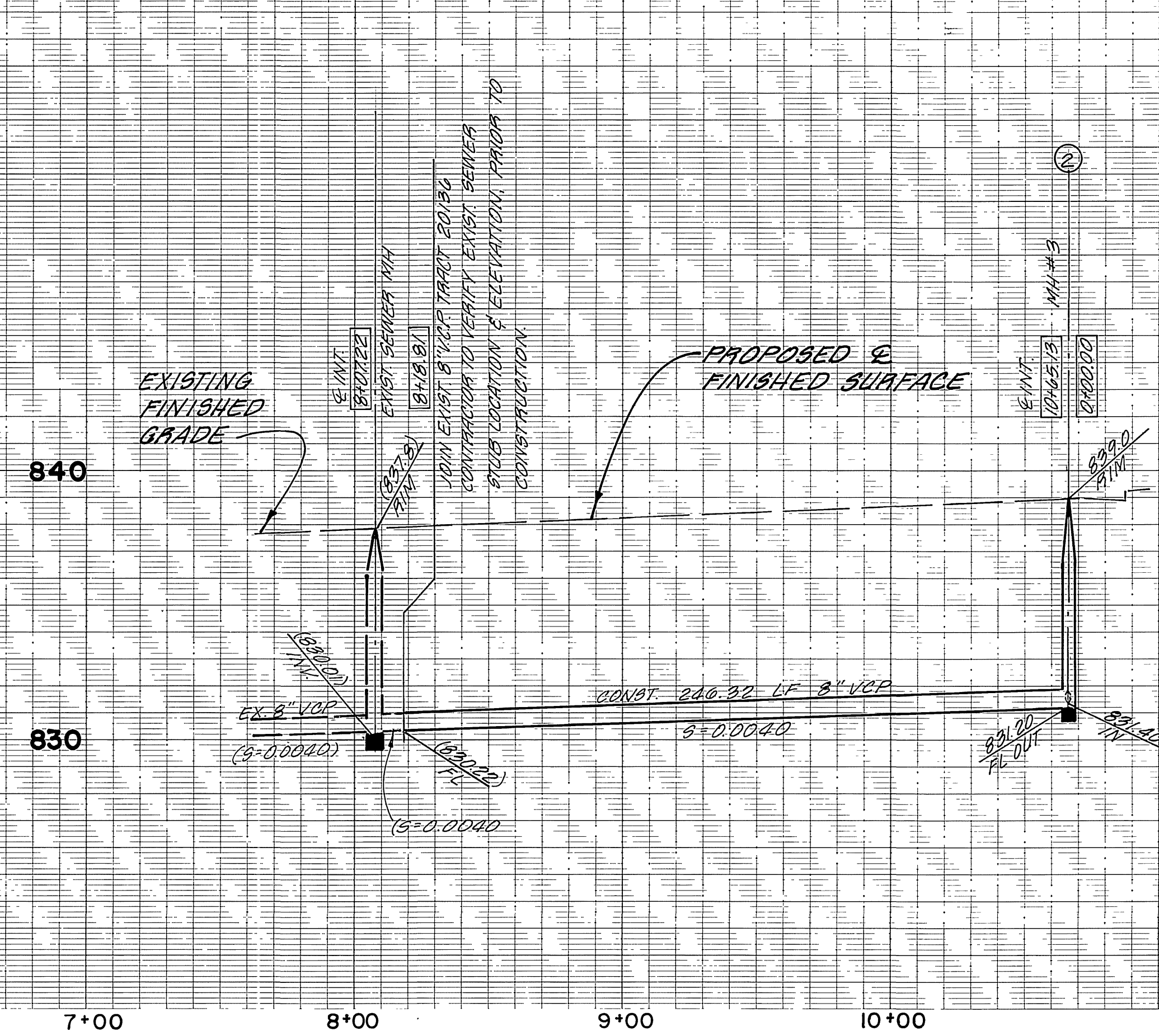
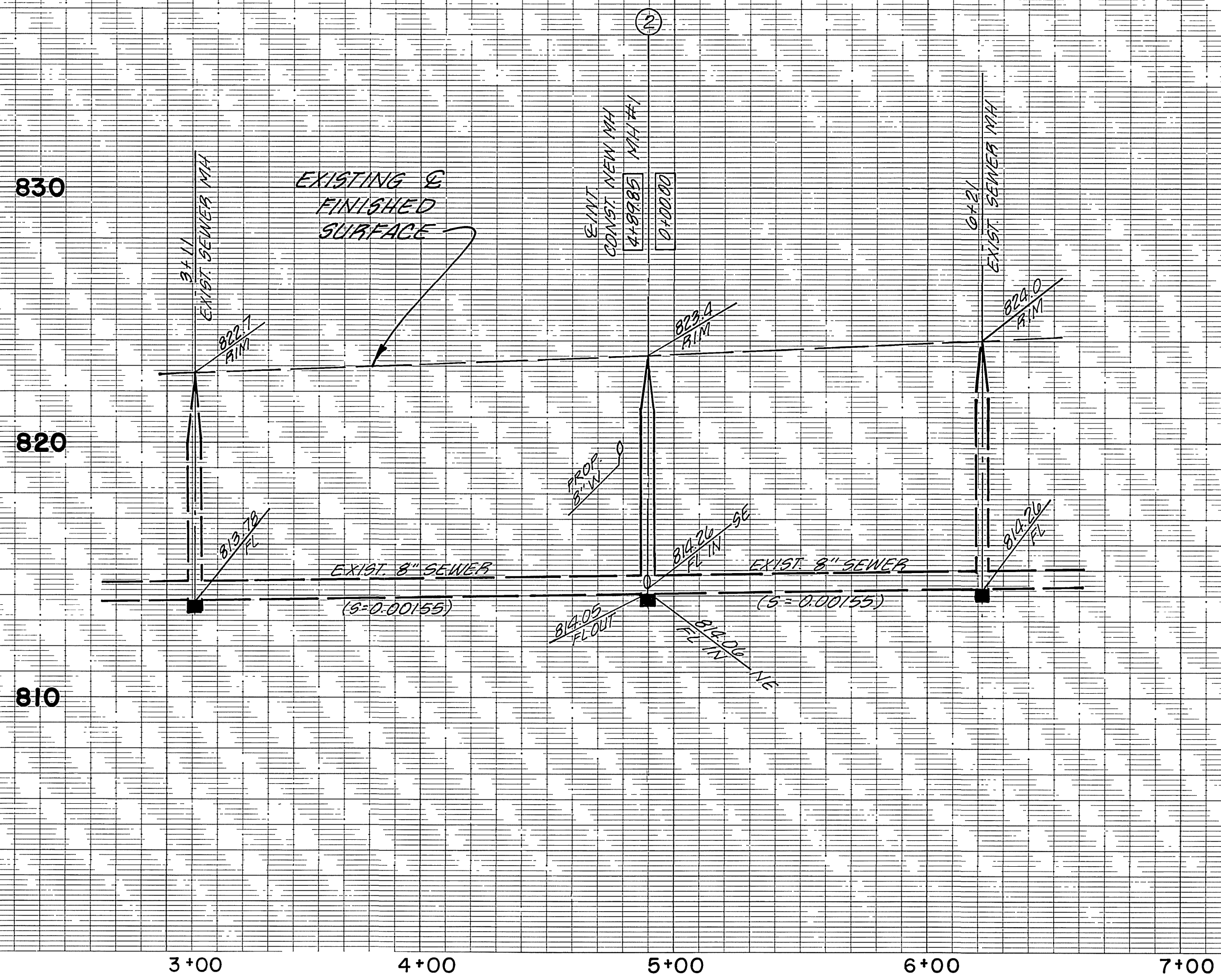


ENGINEER'S NOTICE:

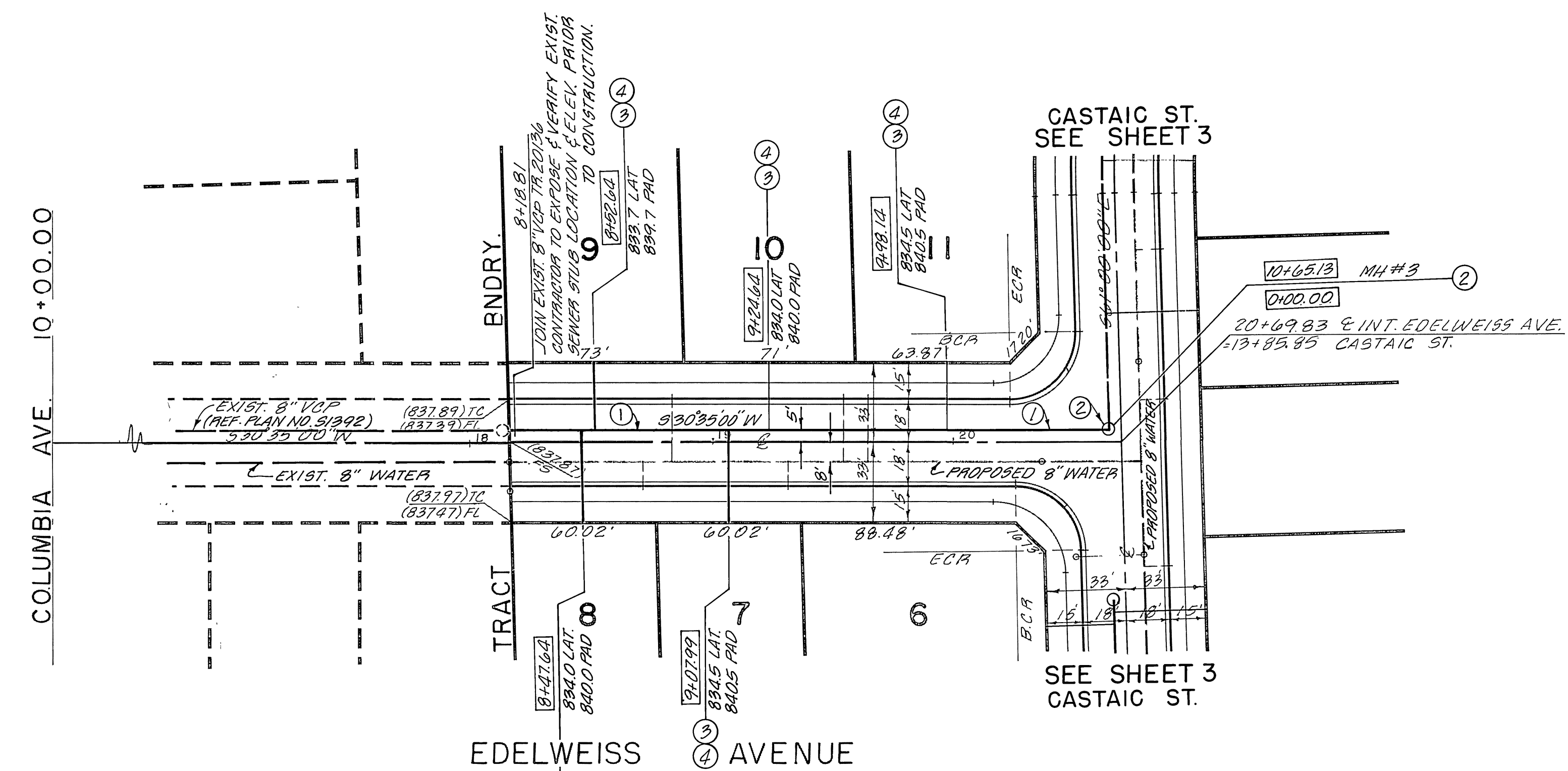
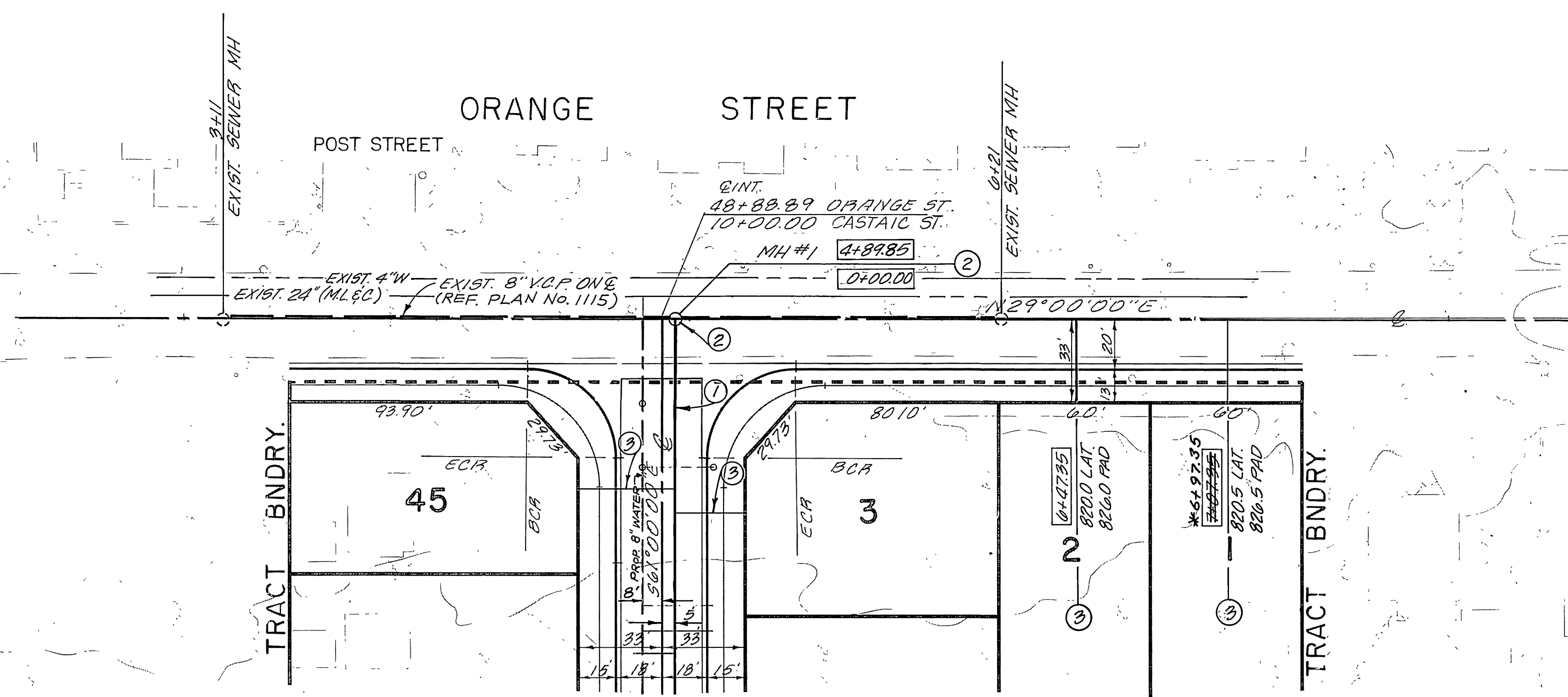
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- ALL UNDERGROUND UTILITIES OR STRUCTURES, REPORTED OR FOUND ON PUBLIC RECORDS, ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH THE IMPROVEMENTS HEREON, AGREES TO ASSUME LIABILITY AND TO HOLD THE ENGINEER HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED OR INDICATED ON PUBLIC RECORDS, OR THOSE CONSTRUCTED AT VARIANCE WITH REPORTED OR RECORD LOCATIONS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHERS FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF ALL UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.



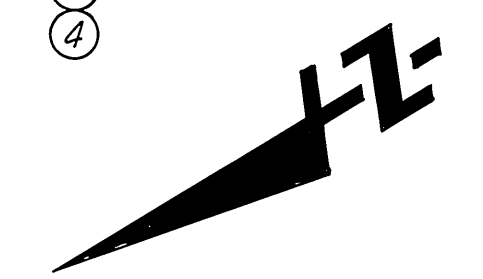
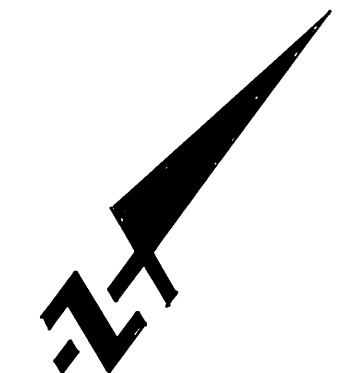
CITY OF RIVERSIDE WATER DEPT. APPROVED <i>Carl Weingarten</i> DATE <u>12/3/87</u>	BENCH MARK : CITY BENCH MARK J7-F, FOUND NAIL IN LEAD AT E.C. OF CURB RETURN ON SOUTHWEST CORNER OF COLUMBIA AVE. AND ORANGE STREET. F.B. 779/48, 827/366 ELEVATION 827.252	PREPARED BY : FUSCOE 2500 REDHILL AVE., SUITE 10 WILLIAMS SANTA ANA, CA 92705 (714) 250-1500 LINDGREN & SHORT CIVIL ENGINEERS AND LAND SURVEYORS <i>Alan R. Short</i> 10/7/87 ALAN R. SHORT, R.C.E. 30873 EXP. 3-31-88 DATE	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		SEWER IMPROVEMENT PLAN & PROFILE TRACT NO. 21754 TITLE SHEET HORIZ. SCALE: 1" = VERT. SCALE: 1" =	ACCOUNT NO. S-1492 SHEET <u>1</u> OF 5
			APPROVED BY PRINCIPAL ENGINEER <i>[Signature]</i> DATE <u>1-2-88</u> PARK DEPARTMENT <i>[Signature]</i> DATE <u>11-2-87</u> TRAFFIC DIVISION <i>[Signature]</i> DATE <u>1-2-88</u> CHIEF P.W. ENGINEER <i>[Signature]</i> DATE <u>1/13/88</u>	APPROVED BY PUBLIC WORKS DIRECTOR <i>[Signature]</i> DATE <u>Feb. 1, 1988</u>		



PROFILE
1" = 40' HORIZ.
1" = 4' VERT.
PLAN
1" = 40'

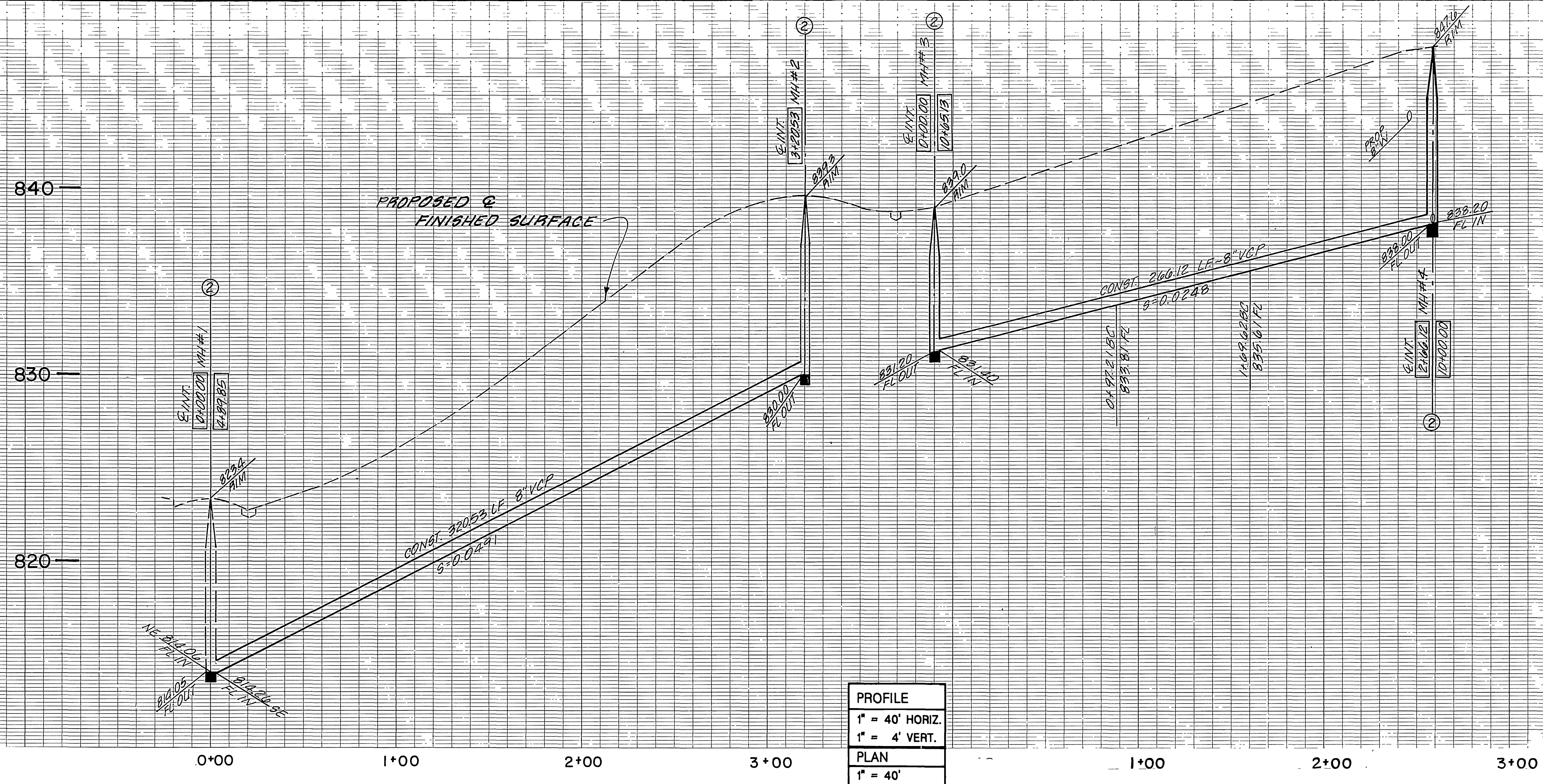


- CONSTRUCTION NOTES:**
- ① - CONSTRUCT 8" V.C.P. SEWER MAIN LINE.
 - ② - CONSTRUCT SEWER MAINHOLE PER CITY STD. DWG. NO. 500.
 - ③ - CONSTRUCT 4" V.C.P. SEWER LATERAL.
 - ④ - LAY SEWER LATERAL WYE FLAT

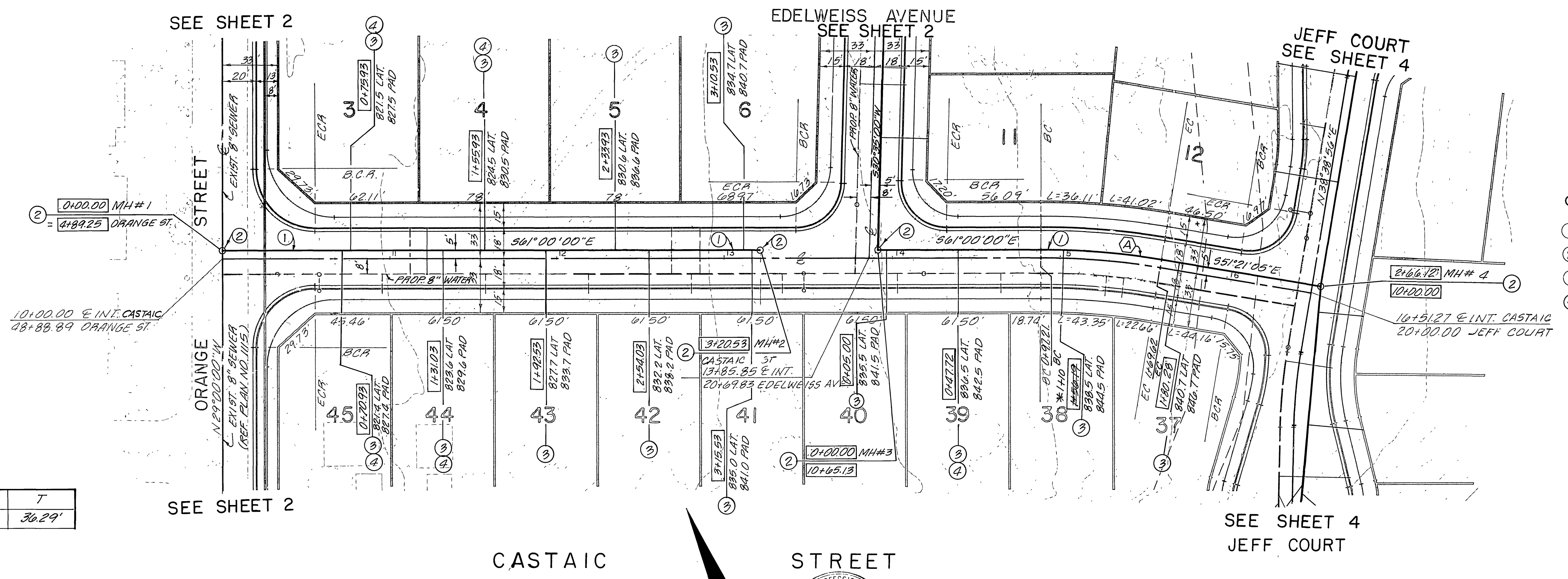


<p>CITY OF RIVERSIDE WATER DEPT.</p> <p>APPROVED <i>Carl Weingerter</i></p> <p>DATE 12/3/87</p>	<p>BENCH MARK</p> <p>CITY BENCH MARK J7-F, FOUND NAIL IN LEAD AT E.C. OF CURB RETURN ON SOUTHWEST CORNER OF COLUMBIA AVE. AND ORANGE STREET.</p> <p>F.B. 779/48, 827/366</p> <p>ELEVATION 827.252</p>	<p>FUSCOE WILLIAMS LINDGREN & SHORT Civil Engineers - Land Surveyors</p> <p>2500 REWILL AVE - Suite 10 Santa Ana, California 92705 (714)250-1500</p> <p><i>Alan R. Short</i> 10/7/87</p> <p>ALAN R. SHORT, R.C.E. 30873 EXP. 3-31-88</p>	<p>CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>APPROVED BY</td> <td>DATE</td> <td>BY</td> <td>DATE</td> </tr> <tr> <td>PRINCIPAL ENGINEER</td> <td>1-12-88</td> <td><i>Benny Buh</i></td> <td>1-12-88</td> </tr> <tr> <td>PARK DEPARTMENT</td> <td>11-16-87</td> <td></td> <td></td> </tr> <tr> <td>TRAFFIC DIVISION</td> <td>1-20-88</td> <td></td> <td></td> </tr> <tr> <td>CHIEF P.W. ENGINEER</td> <td>1-23-88</td> <td></td> <td></td> </tr> </table> <p>DESIGNED BY AC DRAWN BY CR CHECKED BY ST</p>	APPROVED BY	DATE	BY	DATE	PRINCIPAL ENGINEER	1-12-88	<i>Benny Buh</i>	1-12-88	PARK DEPARTMENT	11-16-87			TRAFFIC DIVISION	1-20-88			CHIEF P.W. ENGINEER	1-23-88		
APPROVED BY	DATE	BY	DATE																				
PRINCIPAL ENGINEER	1-12-88	<i>Benny Buh</i>	1-12-88																				
PARK DEPARTMENT	11-16-87																						
TRAFFIC DIVISION	1-20-88																						
CHIEF P.W. ENGINEER	1-23-88																						
<p>CITY OF RIVERSIDE SEWER IMPROVEMENT PLAN & PROFILE TRACT NO. 21754 ORANGE STREET EDELWEISS AVENUE</p> <p>HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'</p>			<p>ACCOUNT NO.</p> <p>S - 1492</p> <p>SHEET 2 OF 5</p>																				

*As built 2-2-89 TE INDEXED 2-25-88 4H



PROFILE	
1" = 40' HORIZ.	
1" = 4' VERT.	
PLAN	
1" = 40'	



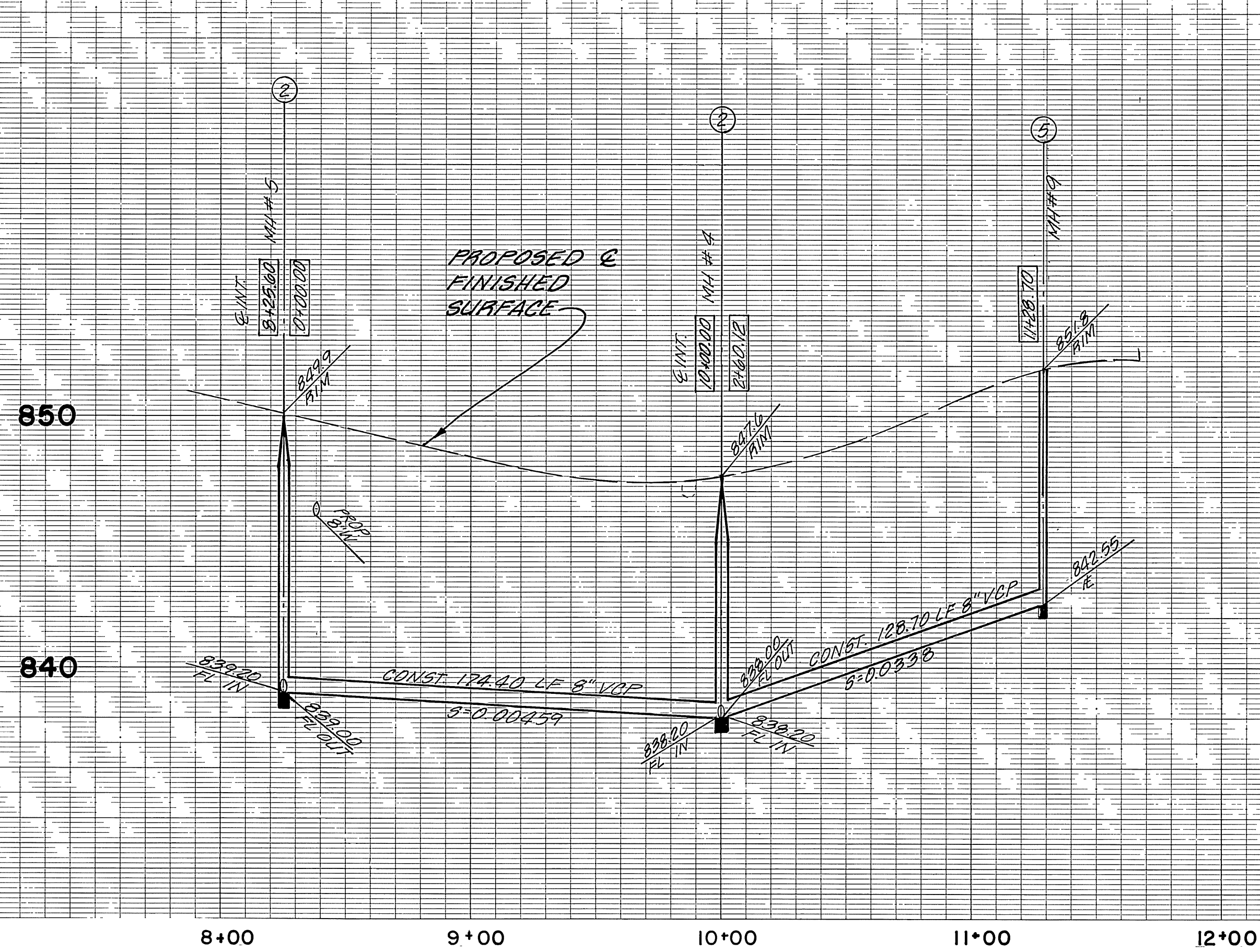
- CONSTRUCTION NOTES:
- 1- CONSTRUCT 8" V.C.P. SEWER MAIN LINE.
 - 2- CONSTRUCT SEWER MAINHOLE PER CITY STD. DWG. NO. 500.
 - 3- CONSTRUCT 4" V.C.P. SEWER LATERAL.
 - 4- LAY SEWER LATERAL WYE FLAT

CURVE DATA

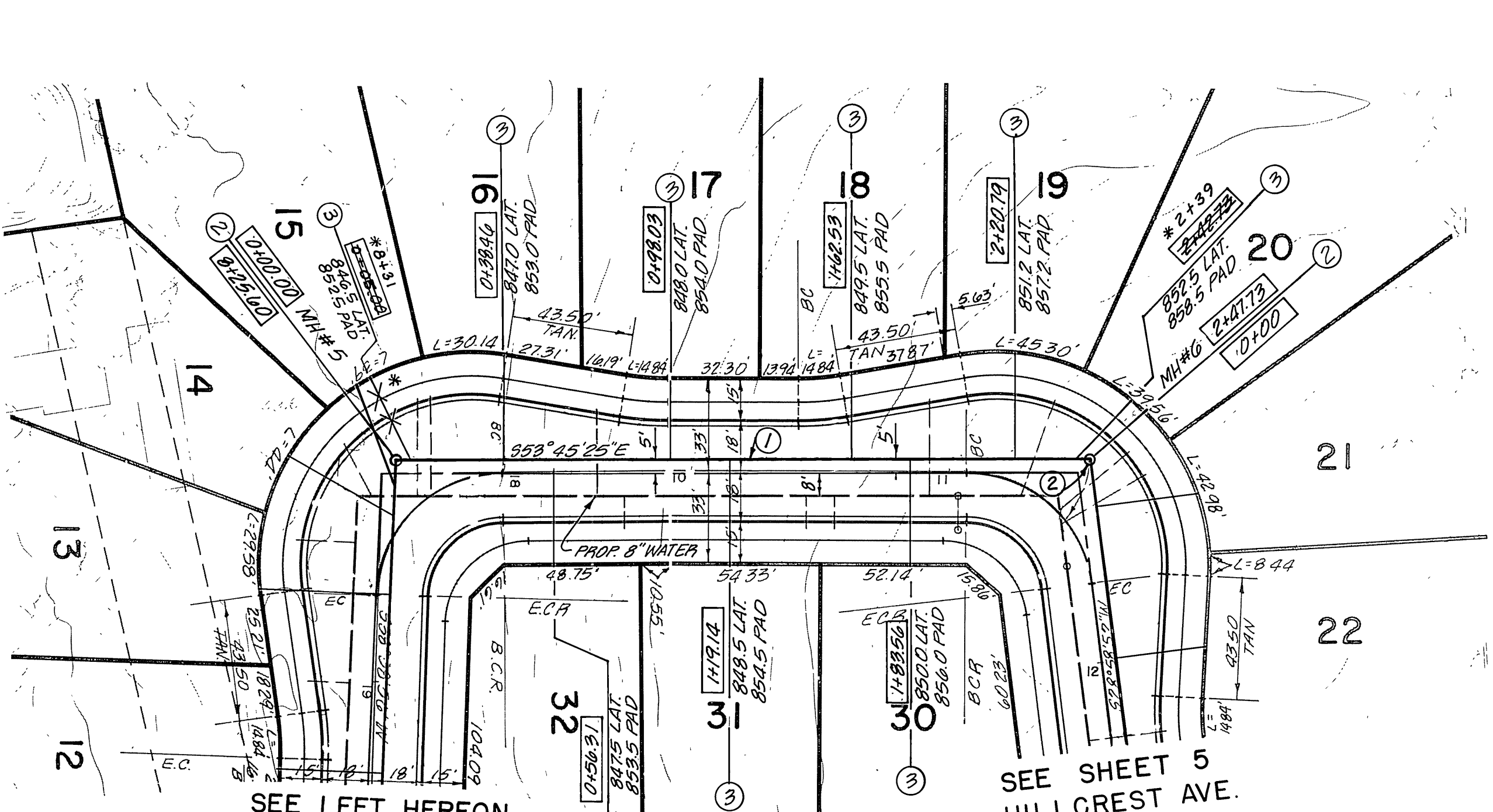
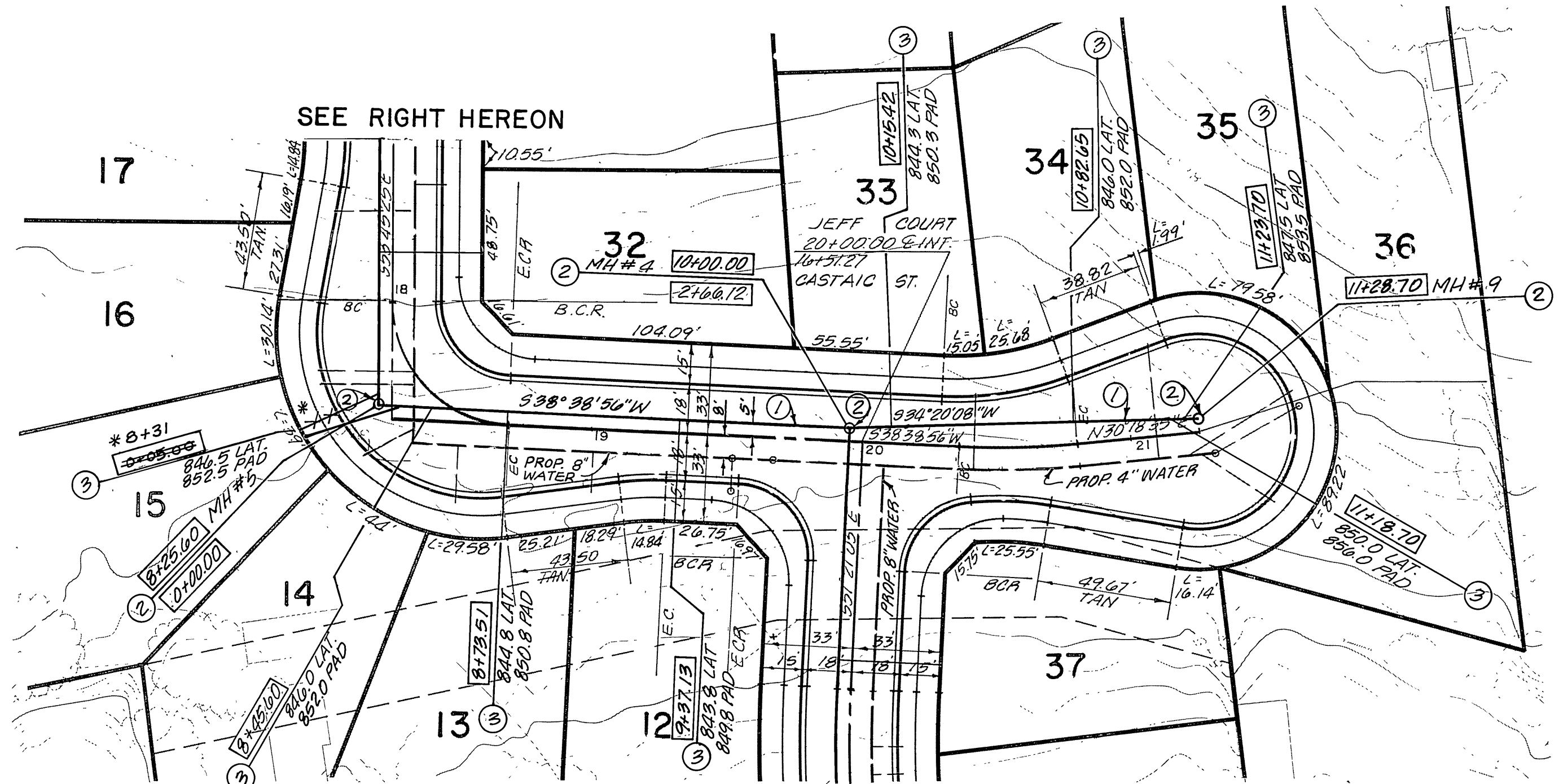
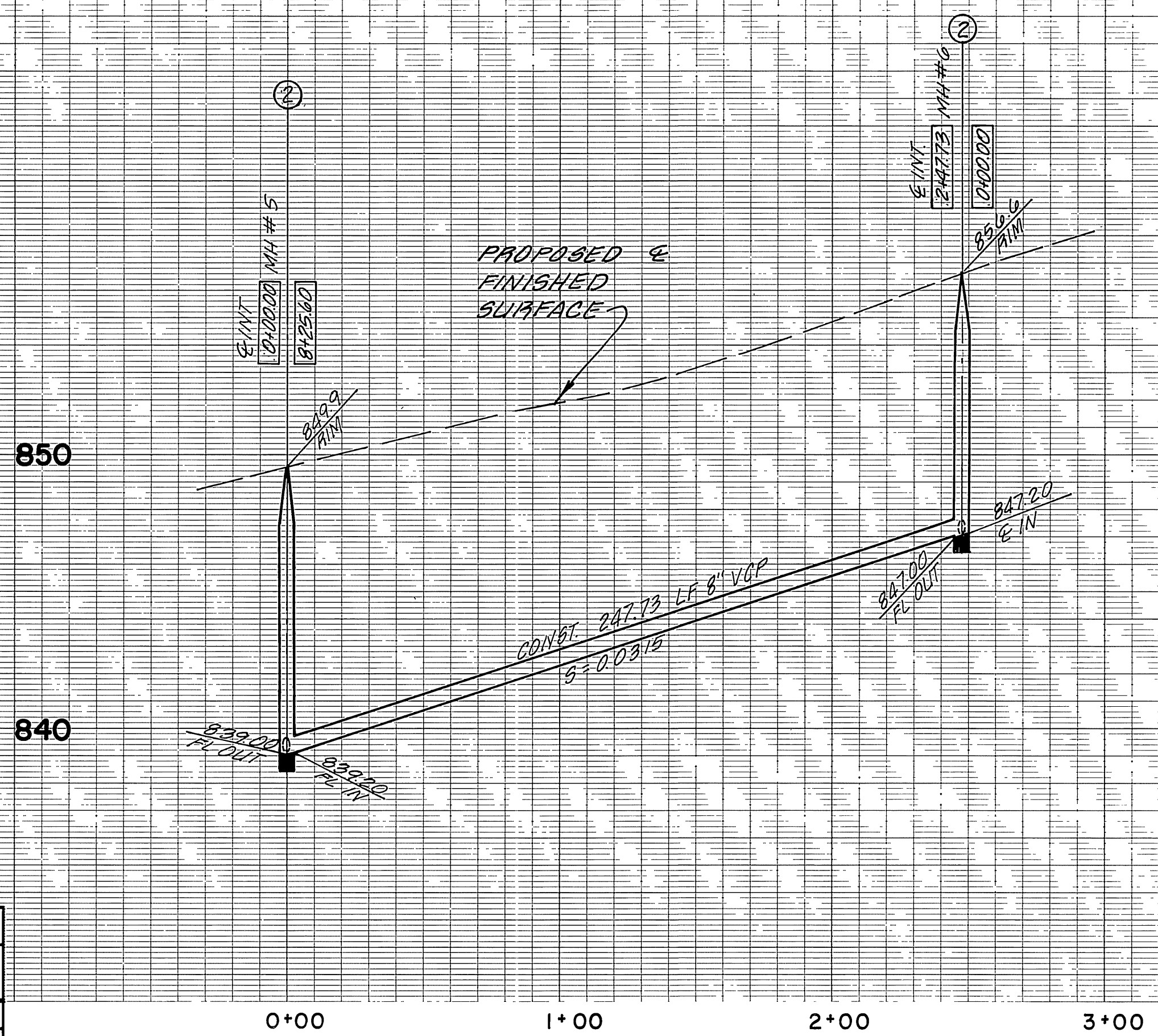
Symbol	A	L	T
⊙	9°38'56"	430.00'	72.41'
⊙(A)			36.29'



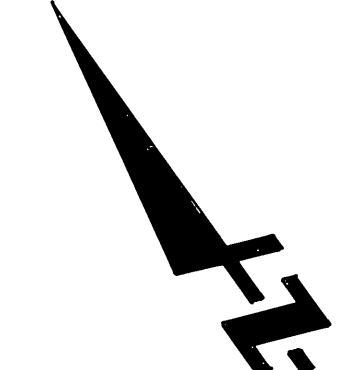
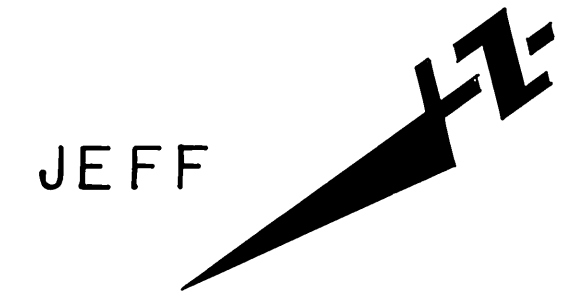
CITY OF RIVERSIDE WATER DEPT. APPROVED <i>Carl Weingarten</i> DATE 12/3/87	BENCH MARK CITY BENCH MARK J7-F. FOUND NAIL IN LEAD AT E.C. OF CURB RETURN ON SOUTHWEST CORNER OF COLUMBIA AVE. AND ORANGE STREET. F.B. 779/48, 827/366 ELEVATION 827.252	FUSCOE WILLIAMS LINDGREN & SHORT 2500 REDWILL AVE Suite 100 Santa Ana, California 92705 (714)250-1500 <i>Alan R. Short</i> 11/7/87	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		SEWER IMPROVEMENT PLAN & PROFILE FOR TRACT NO. 21754 CASTAIC STREET HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	ACCOUNT NO. S - 1492 SHEET 3 OF 5
			APPROVED BY <i>Alan R. Short</i> DATE 12/3/87	APPROVED BY <i>Raymond Bed</i> DATE Feb. 1, 1988		



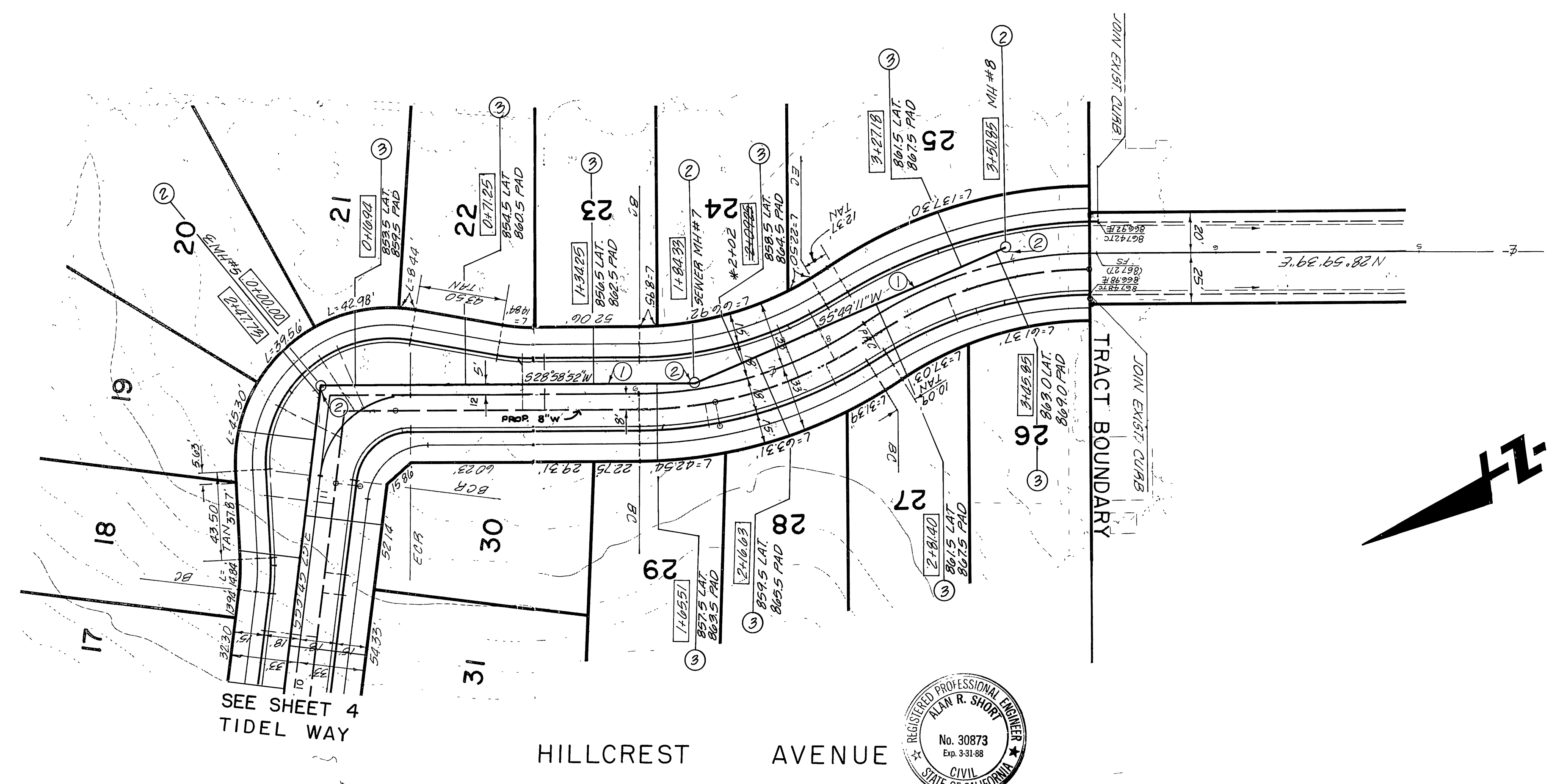
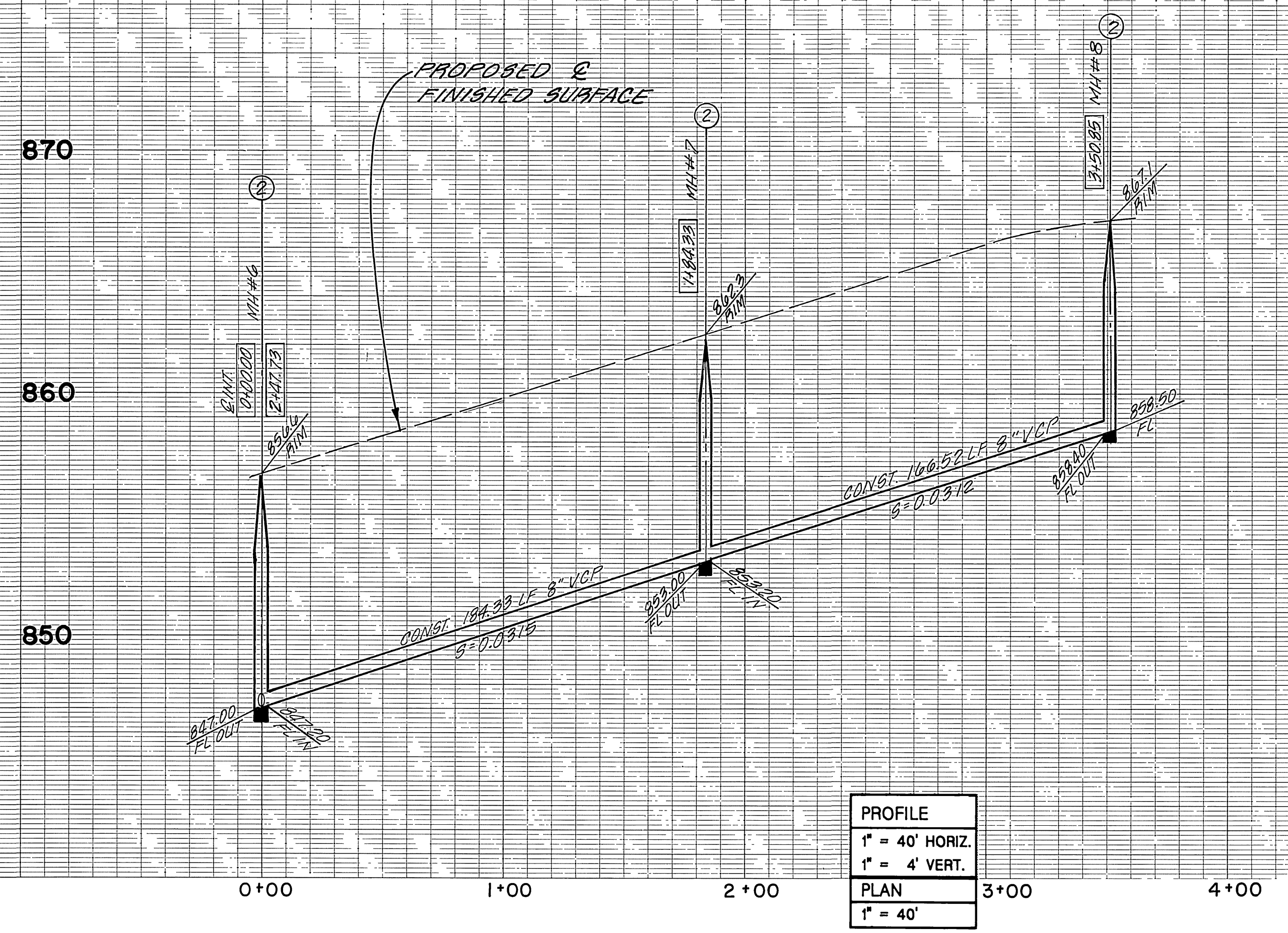
PROFILE
 1" = 40' HORIZ.
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 PLAN
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CITY OF RIVERSIDE WATER DEPT. APPROVED <i>Carl Weingartner</i> DATE 12/3/87	BENCH MARK CITY BENCH MARK J7-F. FOUND NAIL IN LEAD AT E.C. OF CURB RETURN ON SOUTHWEST CORNER OF COLUMBIA AVE. AND ORANGE STREET. F.B. 779/48, 827/366 ELEVATION 827.252	FUSCOE WILLIAMS LINDGREN & SHORT Civil Engineers - Land Surveyors 2500 RESERVA AVE. - Suite 100 Santa Ana, California 92705 (714) 250-1500 <i>Alan R. Short</i> 10/7/87	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		SEWER IMPROVEMENT PLAN & PROFILE TRACT NO. 21754 JEFF COURT TIDEL WAY	ACCOUNT NO. S-1492 SHEET 4 OF 5
			DESIGNED BY AC DRAWN BY CB CHECKED BY RT	APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER DATE 1/13/88		



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CITY OF RIVERSIDE WATER DEPT. APPROVED <i>Carl Weininger</i> DATE 12/3/87	BENCH MARK CITY BENCH MARK J7-F, FOUND NAIL IN LEAD AT E.C. OF CURB RETURN ON SOUTHWEST CORNER OF COLUMBIA AVE. AND ORANGE STREET. F.B. 779/48, 827/366 ELEVATION 827.252	FUSCOE WILLIAMS LINDGREN & SHORT Civil Engineers - Land Surveyors 2500 REDHILL AVE., Suite 100 Santa Ana, California 92705 (714)250-1500 <i>Alan R. Short</i> 10/7/87 ALAN R. SHORT, R.C.E. 30873 EXP. 3-31-88 DATE	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		SEWER IMPROVEMENT PLAN & PROFILE TRACT NO. 21754 HILLCREST AVENUE HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	ACCOUNT NO. S - 1492 SHEET 5 OF 5
			DESIGNED BY AC DRAWN BY CB CHECKED BY RT	APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER DATE Feb. 1, 1988		