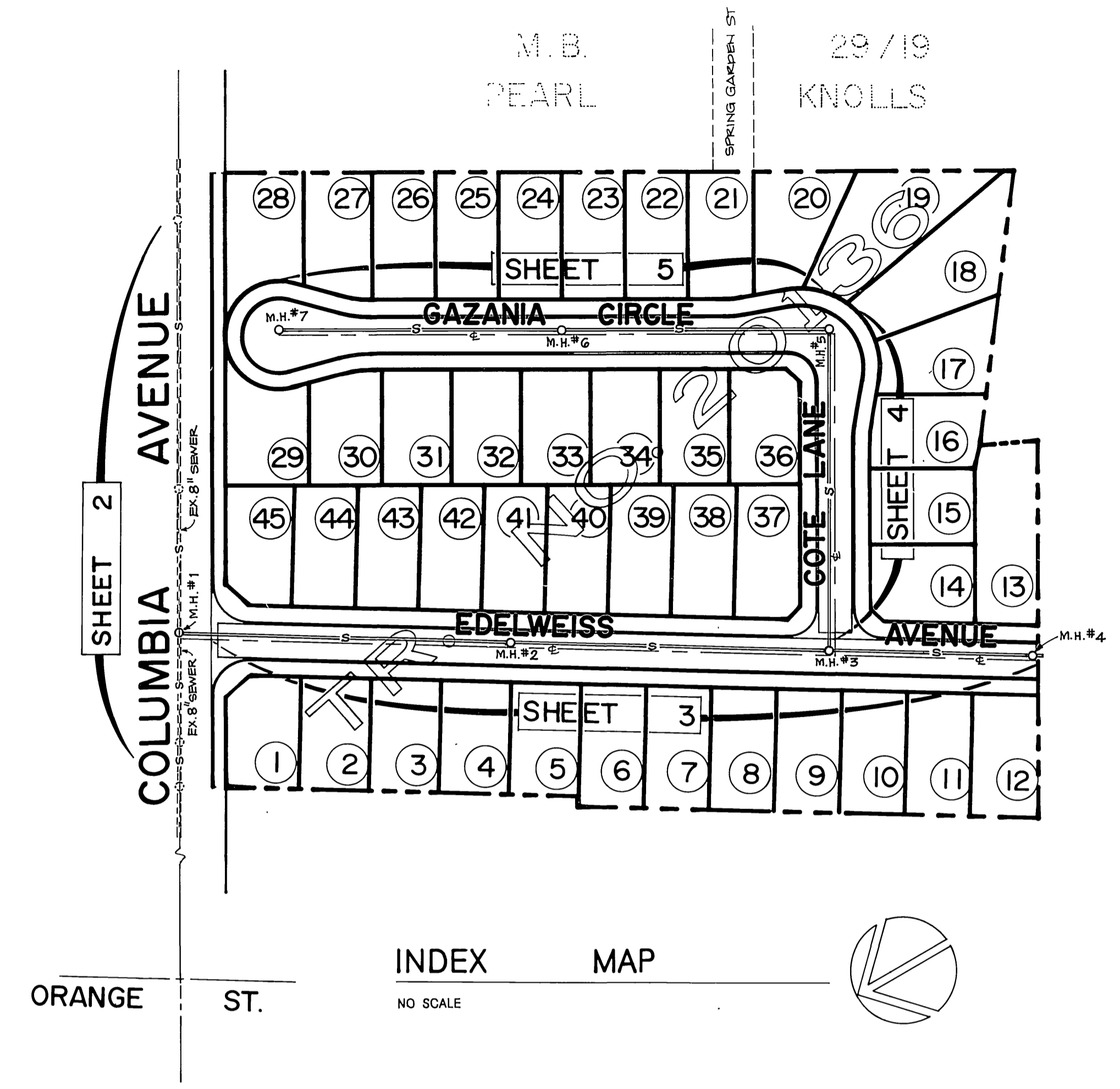


SEWER GENERAL NOTES:

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985 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 (USA), PHONE NO. 1-800-422-4199, 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 PRIVATE ENGINEER PREPARING THESE PLANS 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

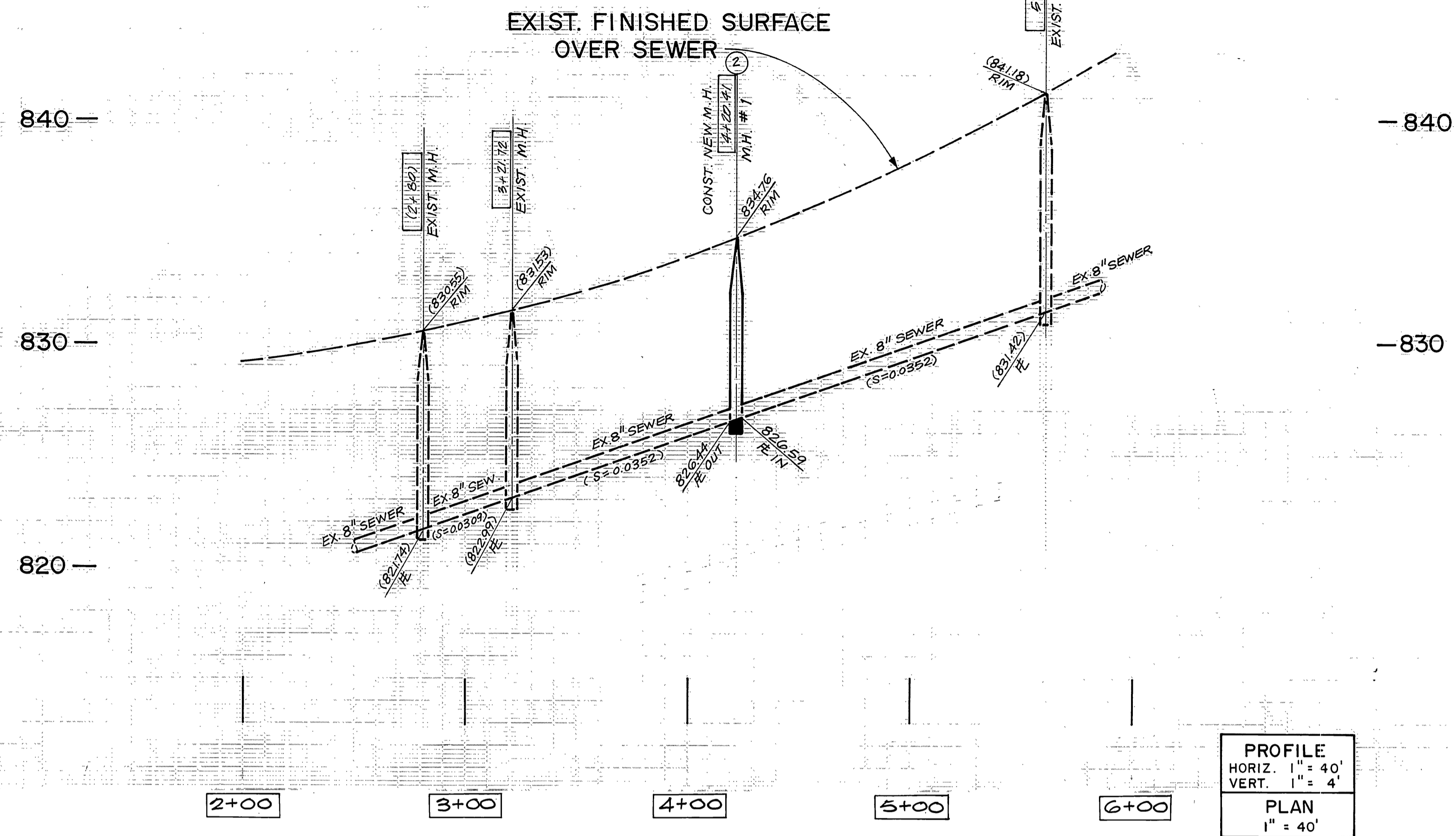
DESCRIPTION	QUANTITY	UNIT
① CONSTRUCT 8" V.C.P. SEWER MAIN LINE.	1,612	L.F.
② CONSTRUCT SEWER MANHOLE PER CITY STD. DWG. NO. 500	7	EA.
③ CONSTRUCT 4" V.C.P. SEWER LATERAL PER CITY STD. 562	1,585	L.F.
④ LAY SEWER LATERAL WYE FLAT	14	EA.
⑤ ENCASE SEWER PER CWD 022 & 023		EA.



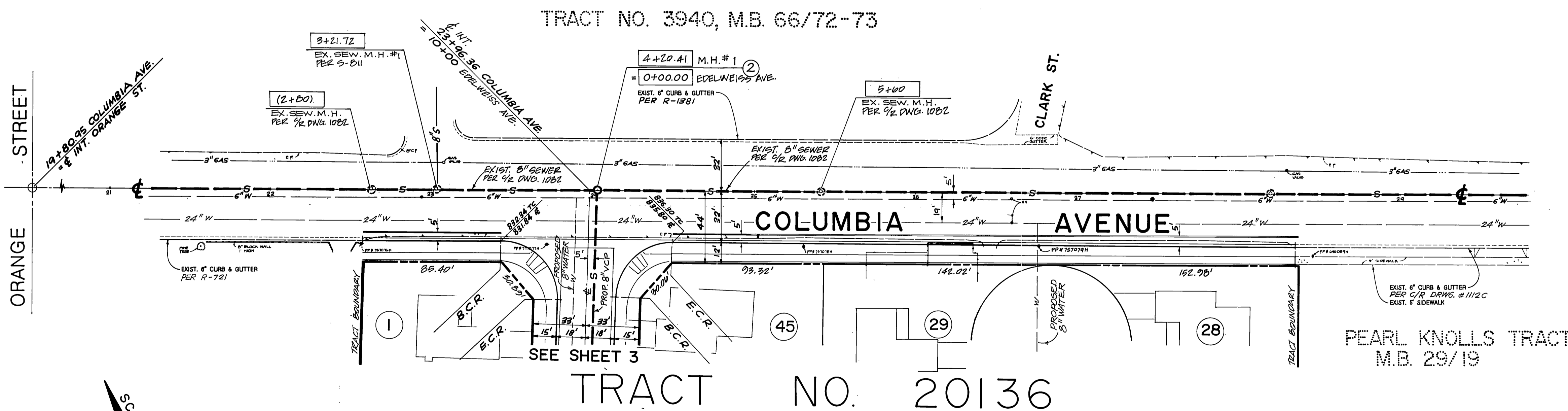
ENGINEER'S NOTICE:

- 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.

<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, 827/368</p> <p>ELEVATION 827.252</p>	<p>PREPARED BY :</p> <p>FUSCOE 801 N. PARKCENTER DRIVE, SUITE 104 WILLIAMS SANTA ANA, CA 92705 LINDGREN (714) 838 - 4455 &amp; SHORT CIVIL ENGINEERS AND LAND SURVEYORS</p> <p><i>Alan R. Short</i> 4/16/85 ALAN R. SHORT, R.C.E. 30873 DATE</p>	<p style="text-align: center;"><b>CITY OF RIVERSIDE</b> <b>PUBLIC WORKS DEPARTMENT</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>APPROVED BY</td> <td>DATE</td> <td>BY</td> <td>APPROVED BY</td> <td>DATE</td> <td>BY</td> </tr> <tr> <td>PRINCIPAL ENGINEER</td> <td></td> <td></td> <td>WILLIAM D. HARDEN</td> <td>8-15-85</td> <td></td> </tr> <tr> <td>PARK DEPARTMENT</td> <td></td> <td></td> <td>PUBLIC WORKS DIRECTOR</td> <td></td> <td></td> </tr> <tr> <td>TRAFFIC DIVISION</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CHIEF P.W. ENGINEER</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>DESIGNED BY <u>RST</u> DRAWN BY <u>RST</u> CHECKED BY <u>RST</u></p>	APPROVED BY	DATE	BY	APPROVED BY	DATE	BY	PRINCIPAL ENGINEER			WILLIAM D. HARDEN	8-15-85		PARK DEPARTMENT			PUBLIC WORKS DIRECTOR			TRAFFIC DIVISION						CHIEF P.W. ENGINEER						<p style="text-align: right;">*As built 10-26-78</p> <p style="text-align: right;">INDEX US</p> <p style="text-align: center;"><b>SEWER IMPROVEMENT PLAN &amp; PROFILE</b> <b>FOR TRACT NO. 20136</b></p> <p style="text-align: center;"><b>TITLE SHEET</b></p> <p style="text-align: center;">HORIZ. SCALE: 1" = AS SHOWN VERT. SCALE: 1" = AS SHOWN</p> <p style="text-align: right;">ACCOUNT NO. <b>S - 1392</b> SHEET <b>1</b> OF <b>5</b></p>
APPROVED BY	DATE	BY	APPROVED BY	DATE	BY																												
PRINCIPAL ENGINEER			WILLIAM D. HARDEN	8-15-85																													
PARK DEPARTMENT			PUBLIC WORKS DIRECTOR																														
TRAFFIC DIVISION																																	
CHIEF P.W. ENGINEER																																	



EXISTING SEWER PER CITY OF RIVERSIDE DRAWING NO. 1082.



CONSTRUCTION NOTES:  
 ② - CONSTRUCT SEWER MANHOLE PER CITY STD. DWG. NO. 500.

<b>BENCH MARK:</b> CITY BENCH MARK JT-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	<b>CITY OF RIVERSIDE WATER DEPT.</b>  APPROVED DATE 11/18/85 ALAN R. SHORT, R.C.E. 30873	<b>FUSCOE WILLIAMS LINDGREN &amp; SHORT</b> Civil Engineers - Local Drainage 601 N. Parkcenter Dr., Suite 104 Santa Ana, California 92705 (714) 536-4455  DATE 11/18/85	<b>CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</b>		<b>SEWER IMPROVEMENT PLAN &amp; PROFILE</b> FOR TRACT NO. 20136 <b>COLUMBIA AVENUE</b> HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	ACCOUNT NO. <b>S - 1392</b> SHEET <b>2</b> OF <b>5</b>
			DESIGNED BY AC DRAWN BY AC CHECKED BY R.T.	APPROVED BY DATE BY PRINCIPAL ENGINEER <i>W.C. DUNLAP</i> PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER DATE 8-15-85		

\* As built 10-26-76

INDEX UP

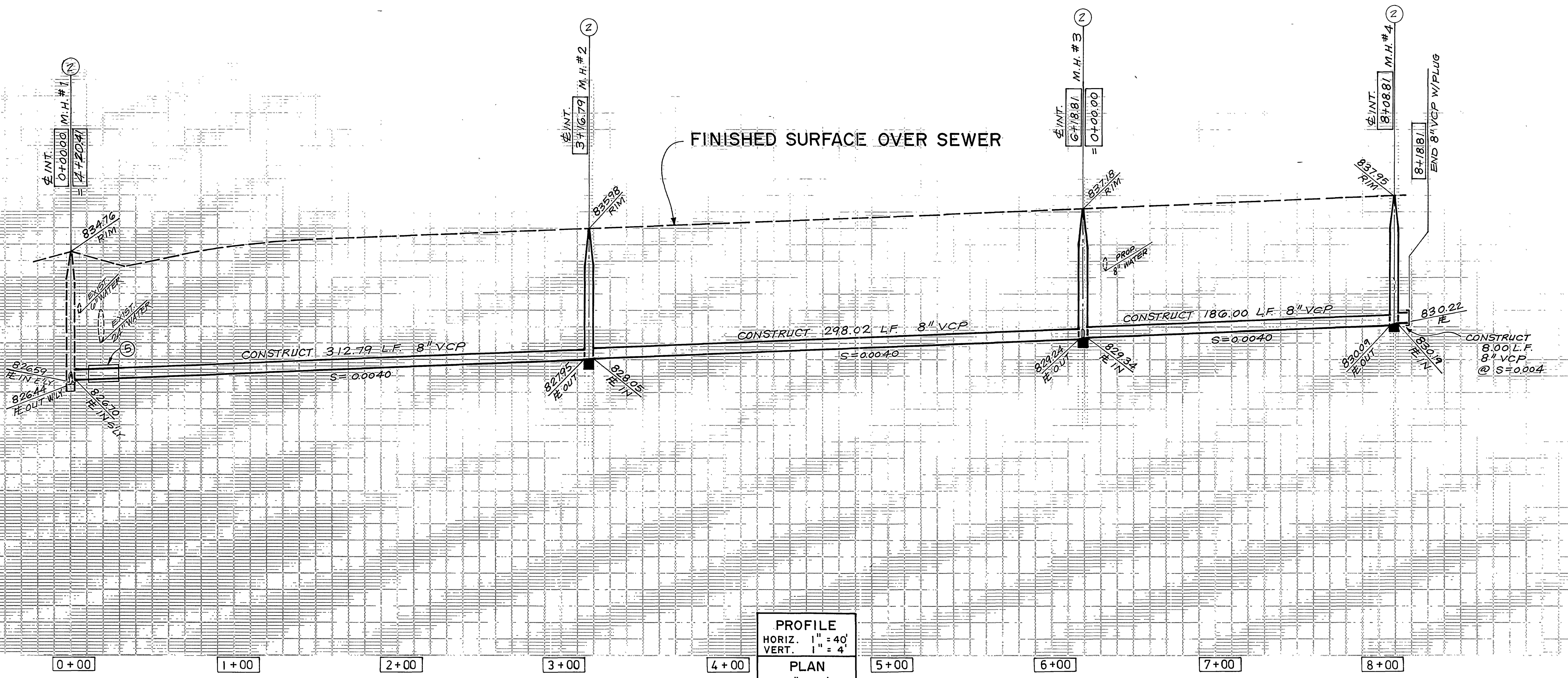
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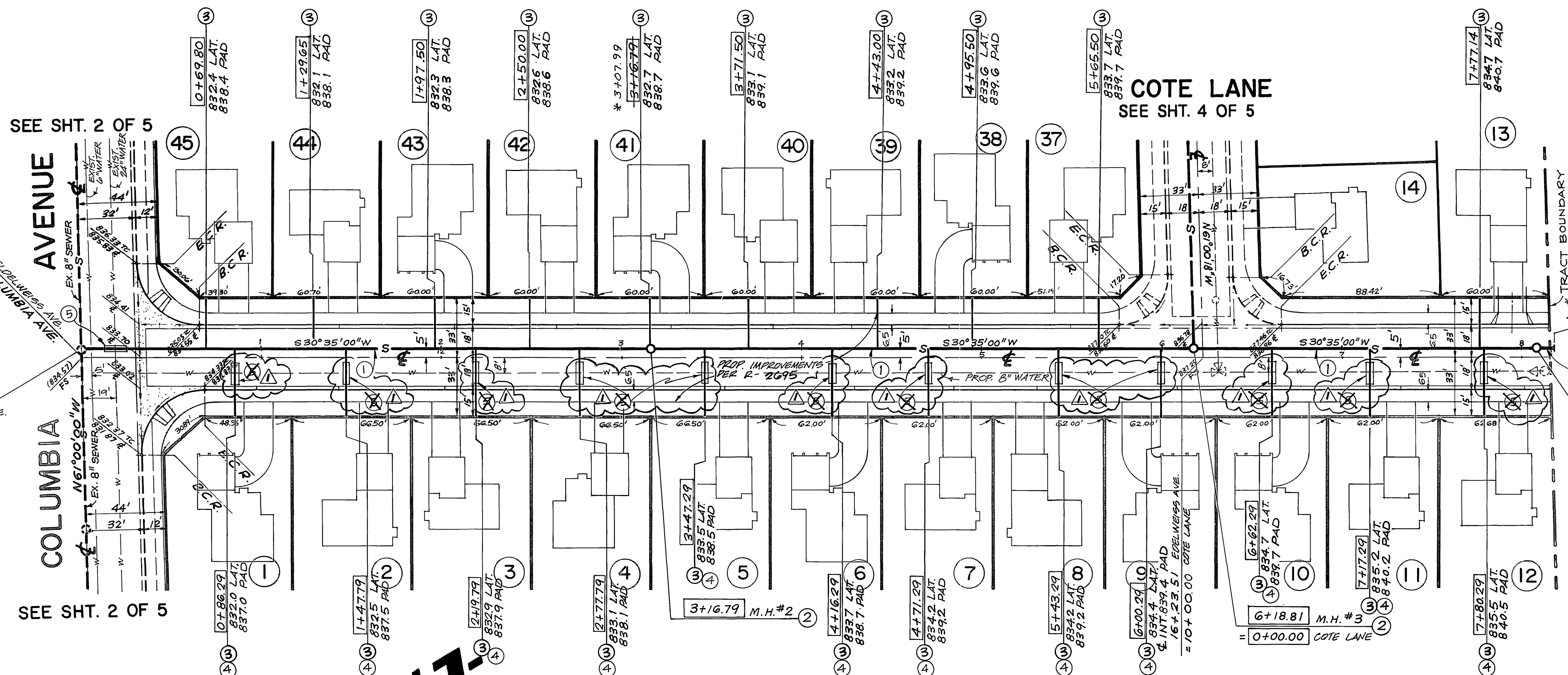
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820



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

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00



COTE LANE  
 SEE SHT. 4 OF 5

SEE SHT. 2 OF 5

SEE SHT. 2 OF 5

- 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
  - ⊕ - ENCASE SEWER PER CWD-022-0-023

SCALE: 1" = 40'

CITY OF RIVERSIDE  
 WATER DEPT.  
 APPROVED: *[Signature]*  
 DATE: 7-16-85

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. 778/48, 827/366  
 ELEVATION 827.252

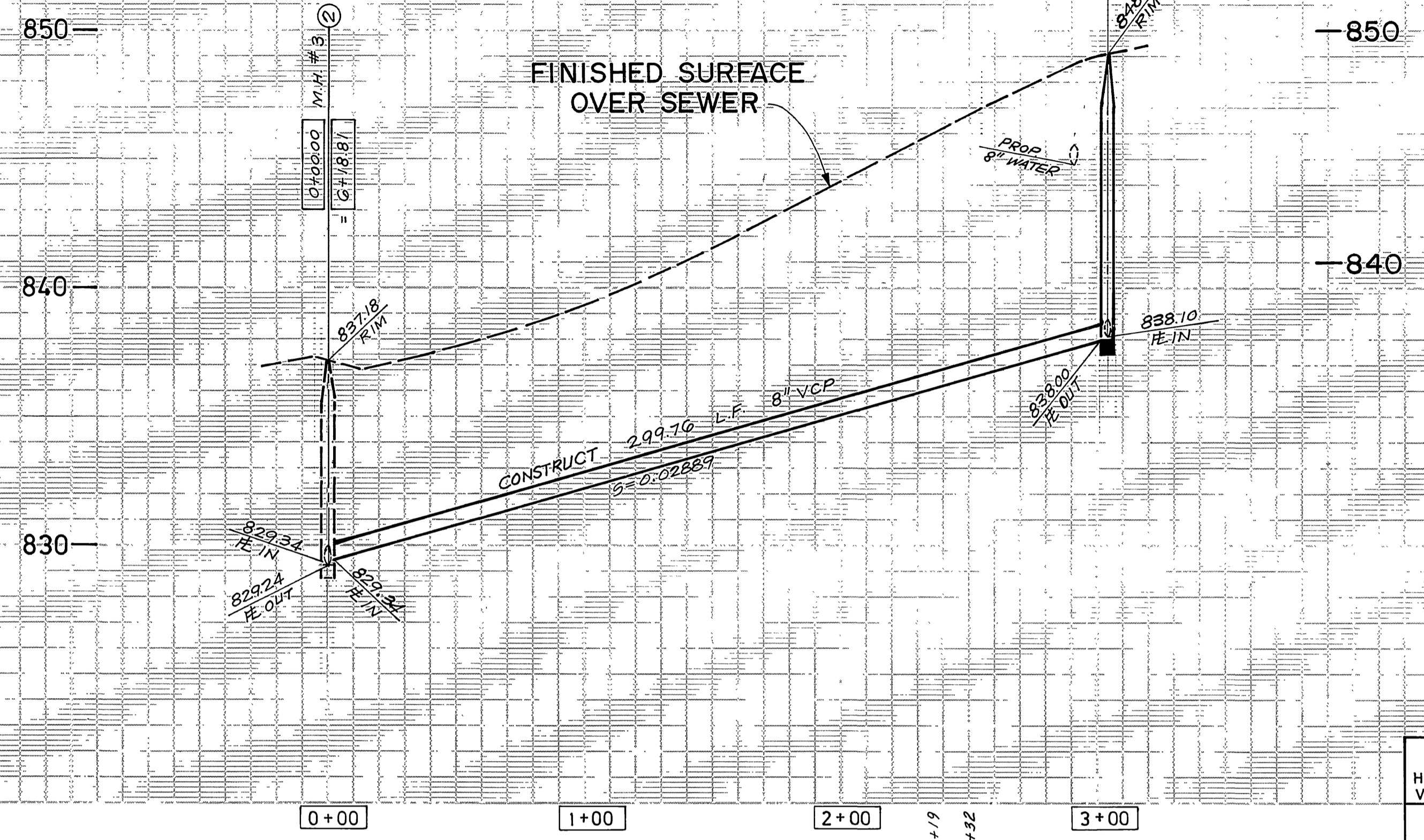
PREPARED BY:  
 FUSCOE 801 N. PARKCENTER DRIVE, SUITE 104  
 WILLIAMS SANTA ANA, CA 92705  
 LINDGREN (714) 836-4455  
 & SHORT  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 ALAN R. SHORT, R.C.E. 30873  
 DATE: 4/8/85

DESIGNED BY: AC/RT  
 DRAWN BY: AC  
 CHECKED BY: K/RT

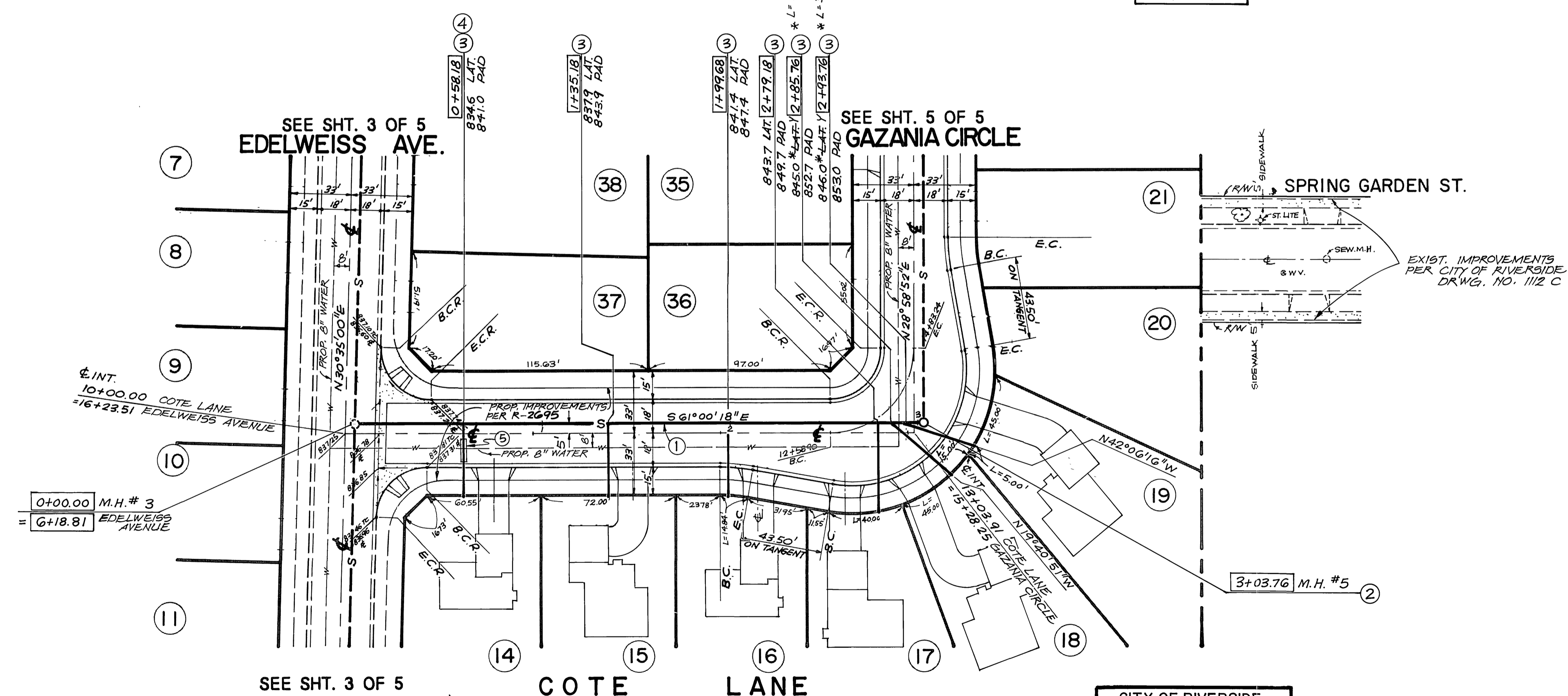
CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: *[Signature]*  
 DATE: 7-15-85  
 APPROVED BY: *[Signature]*  
 DATE: 7-15-85  
 CHIEF P.W. ENGINEER

SEWER IMPROVEMENT PLAN & PROFILE  
 FOR TRACT NO. 20136  
 EDELWEISS AVENUE  
 HORIZ. SCALE: 1" = 40'  
 VERT. SCALE: 1" = 4'

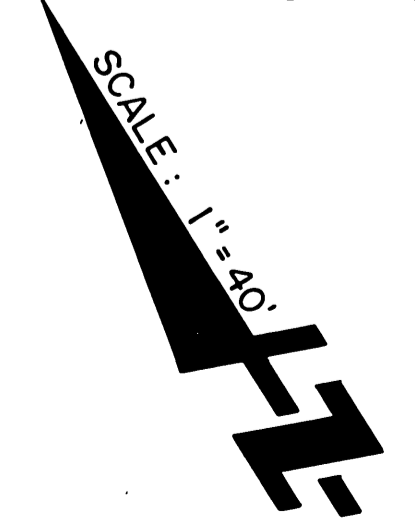
ACCOUNT NO.  
 S-1392  
 SHEET 3 OF 5



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



- CONSTRUCTION NOTES :
- ①- CONSTRUCT 8" V.C.P. SEWER MAIN LINE.
  - ②- CONSTRUCT SEWER MANHOLE PER CITY STD. DWG. NO. 500.
  - ③- CONSTRUCT 4" V.C.P. SEWER LATERAL.
  - ④- LAY SEWER LATERAL WYE FLAT
  - ⑤- ENCASE SEWER PER CWD 022 & 023



CITY OF RIVERSIDE  
 WATER DEPT.  
 APPROVED *[Signature]* DATE 7/14/85

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

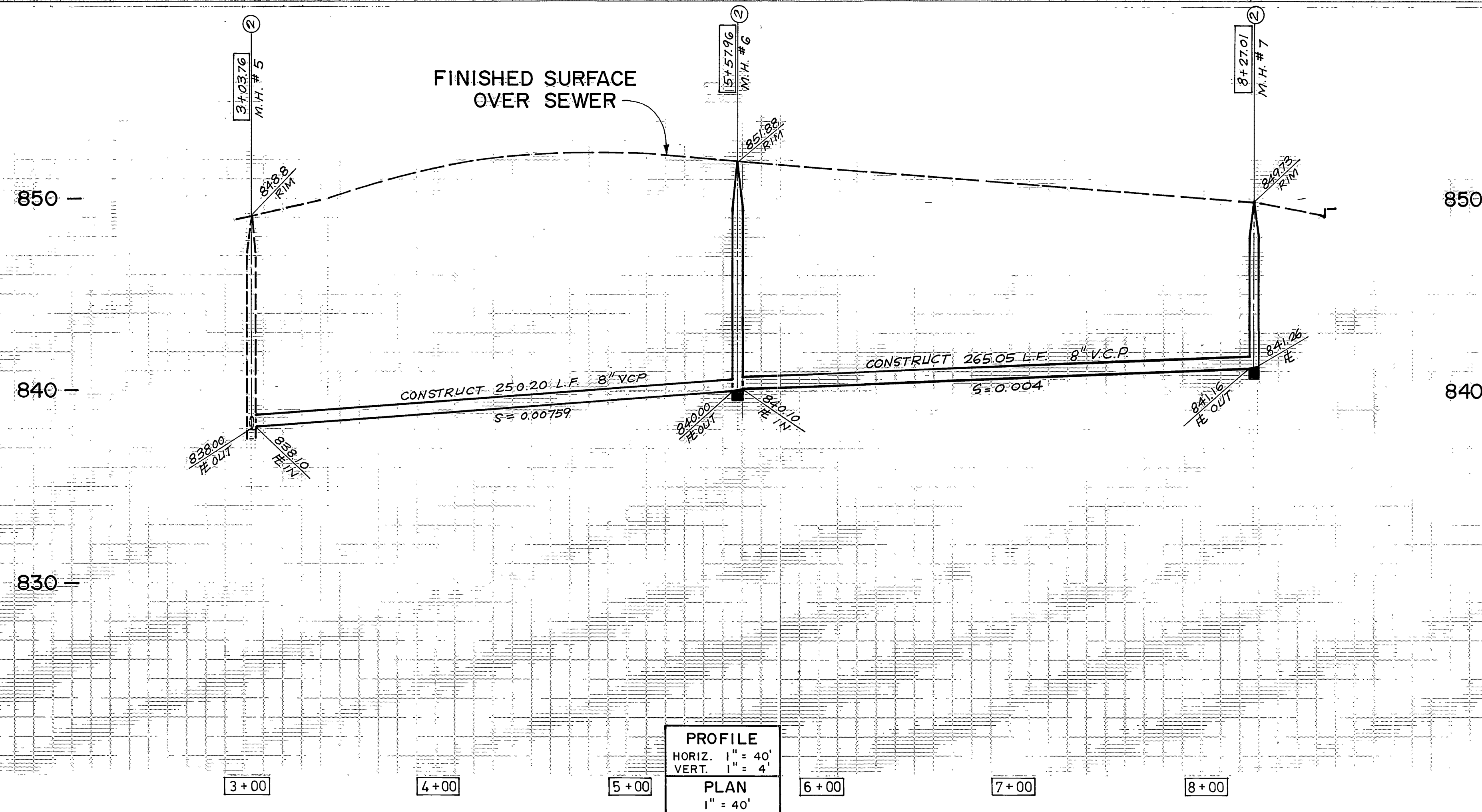
PREPARED BY :  
 FUSCOE 801 N. PARKCENTER DRIVE, SUITE 104  
 WILLIAMS SANTA ANA, CA 92705  
 LINDGREN (714) 836 - 4455  
 & SHORT  
 CIVIL ENGINEERS AND LAND SURVEYORS  
*[Signature]* 1/4/85  
 ALAN R. SHORT, R.C.E. 30873 DATE

DESIGNED BY AC/RT DRAWN BY AC CHECKED BY RT

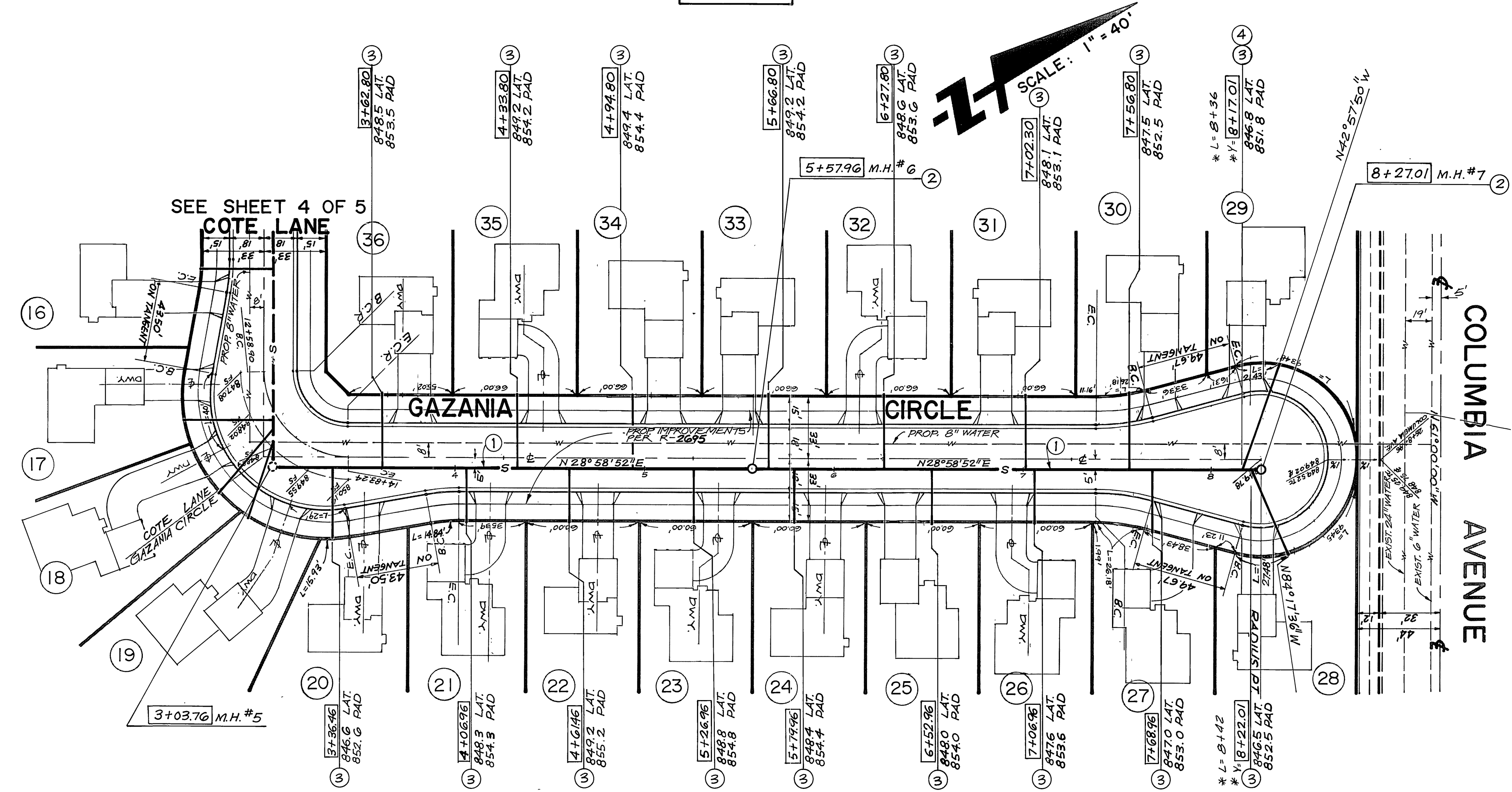
CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY DATE BY APPROVED BY  
 PRINCIPAL ENGINEER *[Signature]* 8/14/85 *[Signature]*  
 PARK DEPARTMENT  
 TRAFFIC DIVISION  
 CHIEF P.W. ENGINEER *[Signature]* DATE 8-15-85

\* As built 10.26.76  
 SEWER IMPROVEMENT PLAN & PROFILE  
 FOR TRACT NO. 20136  
 COTE LANE  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEX  
 ACCOUNT NO.  
 S - 1392  
 SHEET 4 OF 5



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



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

CITY OF RIVERSIDE  
 WATER DEPT.  
 APPROVED: *[Signature]* DATE: 7-11-85

BENCH MARK :  
 CITY BENCH MARK JT-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 601 N. PARKCENTER DRIVE, SUITE 104  
 WILLIAMS SANTA ANA, CA 92705  
 LINDGREN (714) 836 - 4455  
 & SHORT  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 ALAN R. SHORT, R.C.E. 30873 DATE: 4/1/85

MARK	REVISIONS	APPR	DATE

CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: *[Signature]* DATE: 8/15/85  
 PRINCIPAL ENGINEER  
 PARK DEPARTMENT  
 TRAFFIC DIVISION  
 CHIEF P.W. ENGINEER

SEWER IMPROVEMENT PLAN & PROFILE  
 FOR TRACT NO. 20136  
 GAZANIA CIRCLE  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO.  
 S - 1392  
 SHEET 5 OF 5