

**GENERAL NOTES**

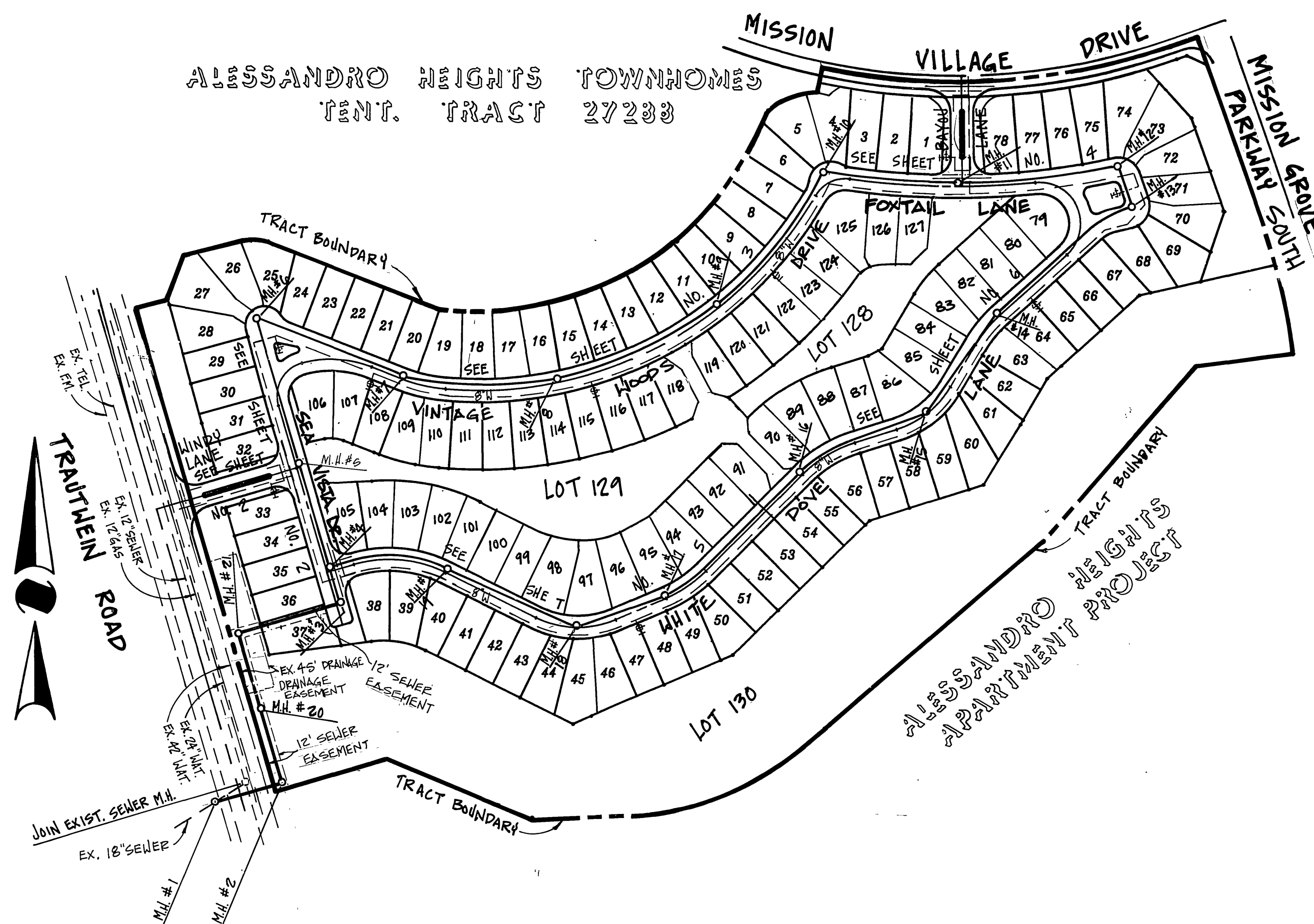
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- 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, STANDARD DRAWING NO. 10 AND 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.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- 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.
- 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.
- ALL MANHOLES TO BE RIVERSIDE CITY STD. NO. 500.
- 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. 1-800-422-4133, 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.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR THE PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- 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 INSPECTORS.

# SEWER IMPROVEMENT PLANS

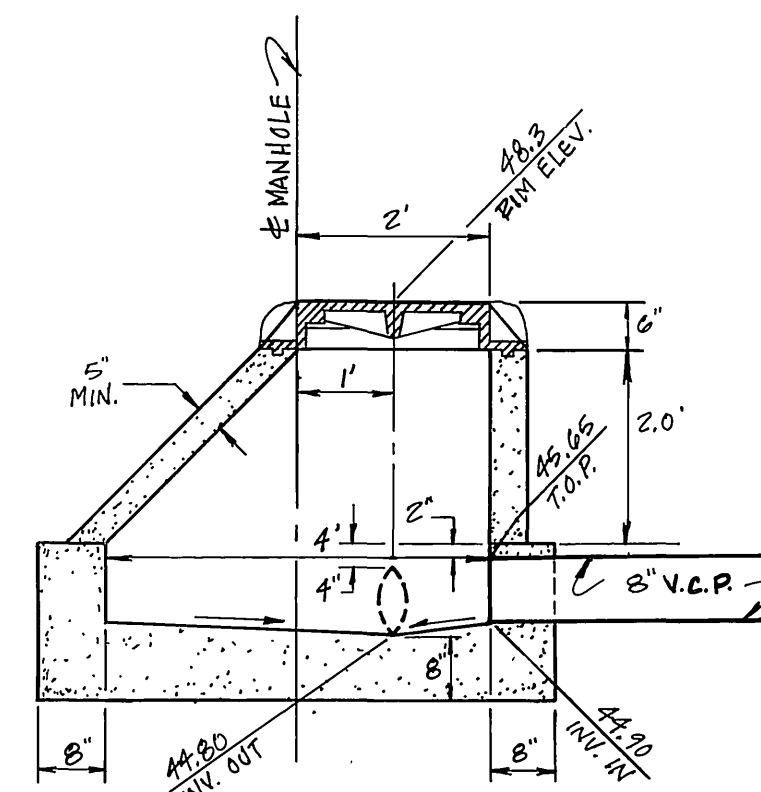
## FOR

# TRACT 27289

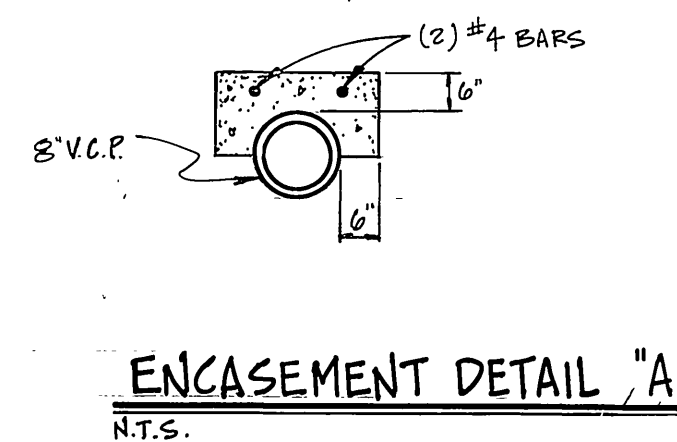
ITEM	DESCRIPTION	QUANTITY
1	CONSTRUCT 8" V.C.P. SEWER	4017 L.F.
2	CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. Dwg. No. 500	20 EA.
3	CONSTRUCT 4" V.C.P. SEWER LATERAL W/ CLEANOUT PER CITY OF RIV. STD. DWG. NO. 500/502	3084 L.F.
4	REMOVE & REPLACE EXISTING PAVEMENT	610 S.F.
5	REMOVE & REPLACE EXISTING CURB & GUTTER AND SIDEWALK	16 L.F.
6	CONSTRUCT ENCASEMENT PER DETAIL "A" HEREON	10 L.F.
7	REMOVE & REPLACE EXISTING CURB AT MEDIAN	10 L.F.
8	CONSTRUCT ENCASEMENT PER DETAIL "B" HEREON	210 L.F.
9	CONSTRUCT MODIFIED MANHOLE PER CITY OF RIVERSIDE STD. Dwg. No. 500 (SEE DETAIL HEREON)	1 EA.



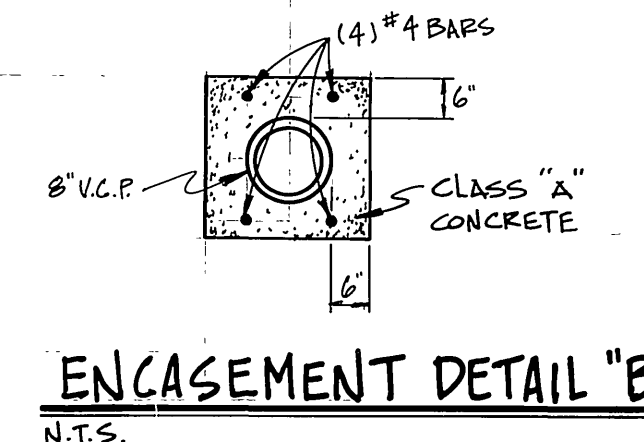
**INDEX MAP**  
SCALE: 1" = 150'



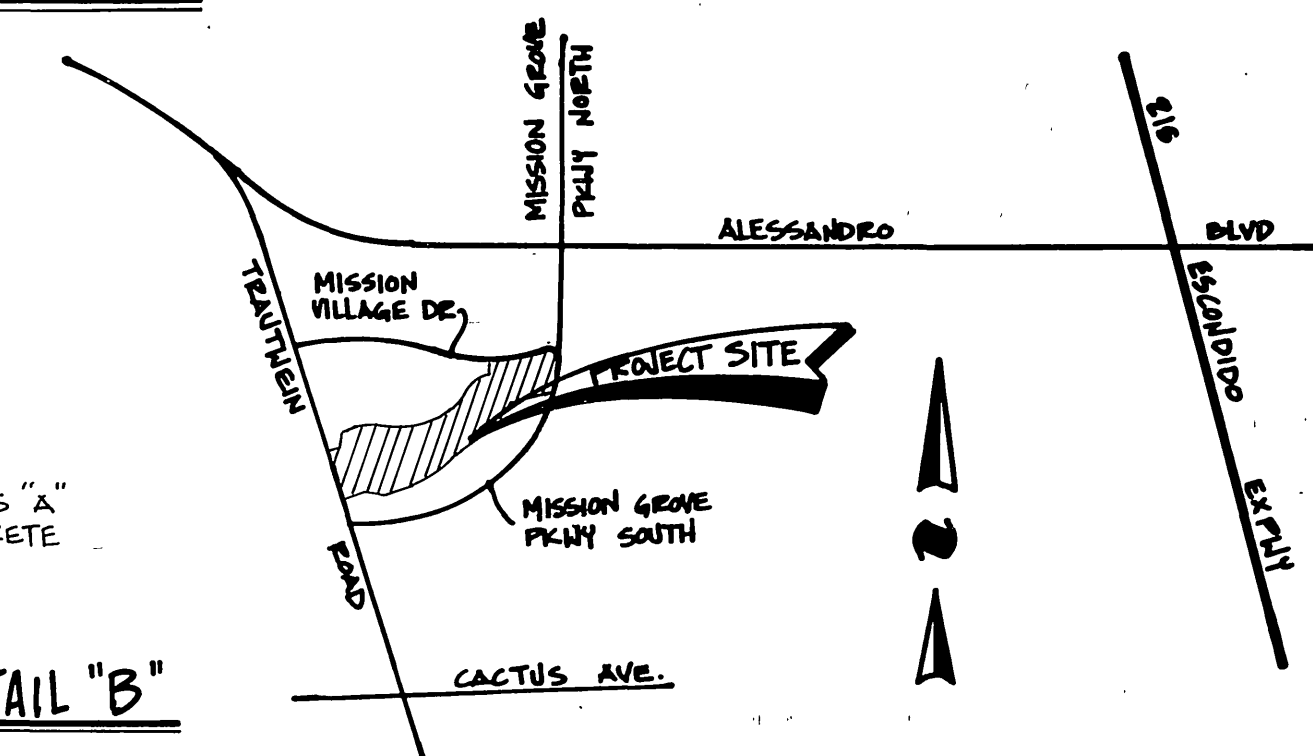
**MODIFIED MANHOLE DETAIL**  
N.T.S.



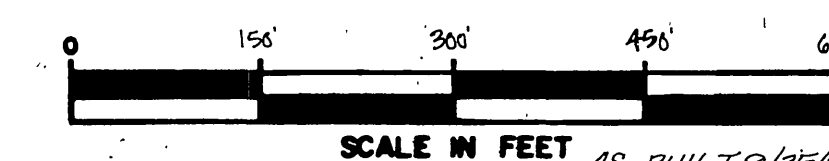
**ENCASEMENT DETAIL "A"**  
N.T.S.



**ENCASEMENT DETAIL "B"**  
N.T.S.



**VICINITY MAP**  
N.T.S.



**PRIVATE ENGINEER'S NOTICE TO CONTRACTORS**

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS AND TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF, AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

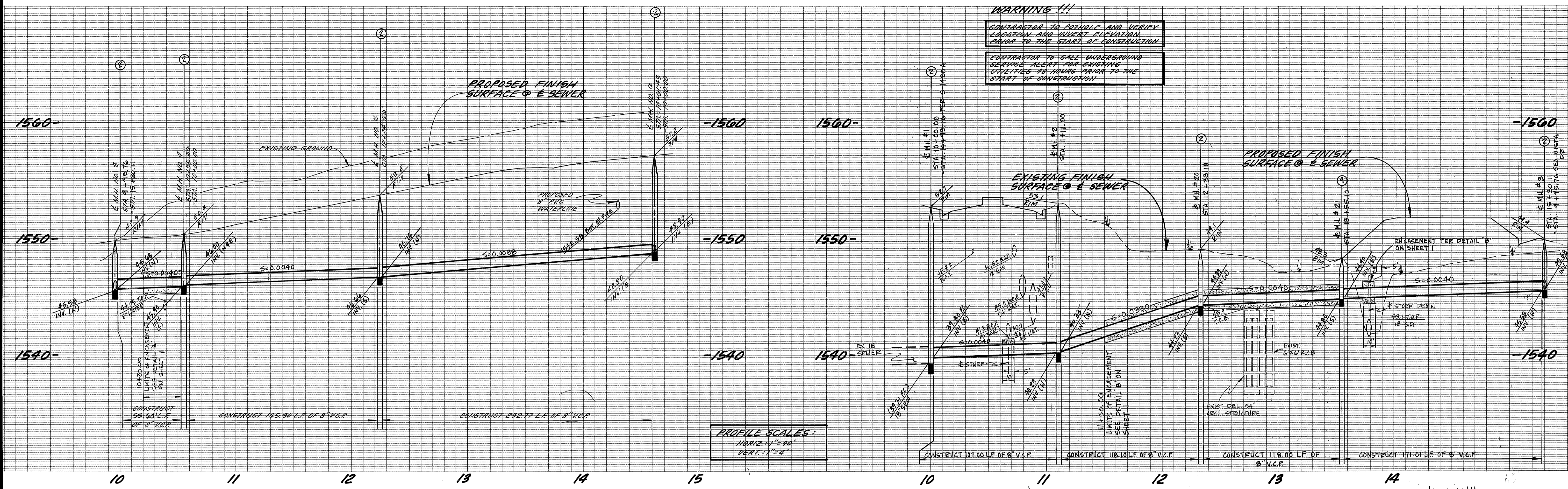
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO, DEFEND, INDEMNIFY, AND HOLD DESIGN PROFESSIONAL AND OWNER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE TO REPORT DISCREPANCIES IN PLANS AND/OR FIELD CONDITIONS IMMEDIATELY TO THE DESIGN ENGINEER FOR RESOLUTION PRIOR TO CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR DISCREPANCIES NOT SO REPORTED AND RESOLVED.



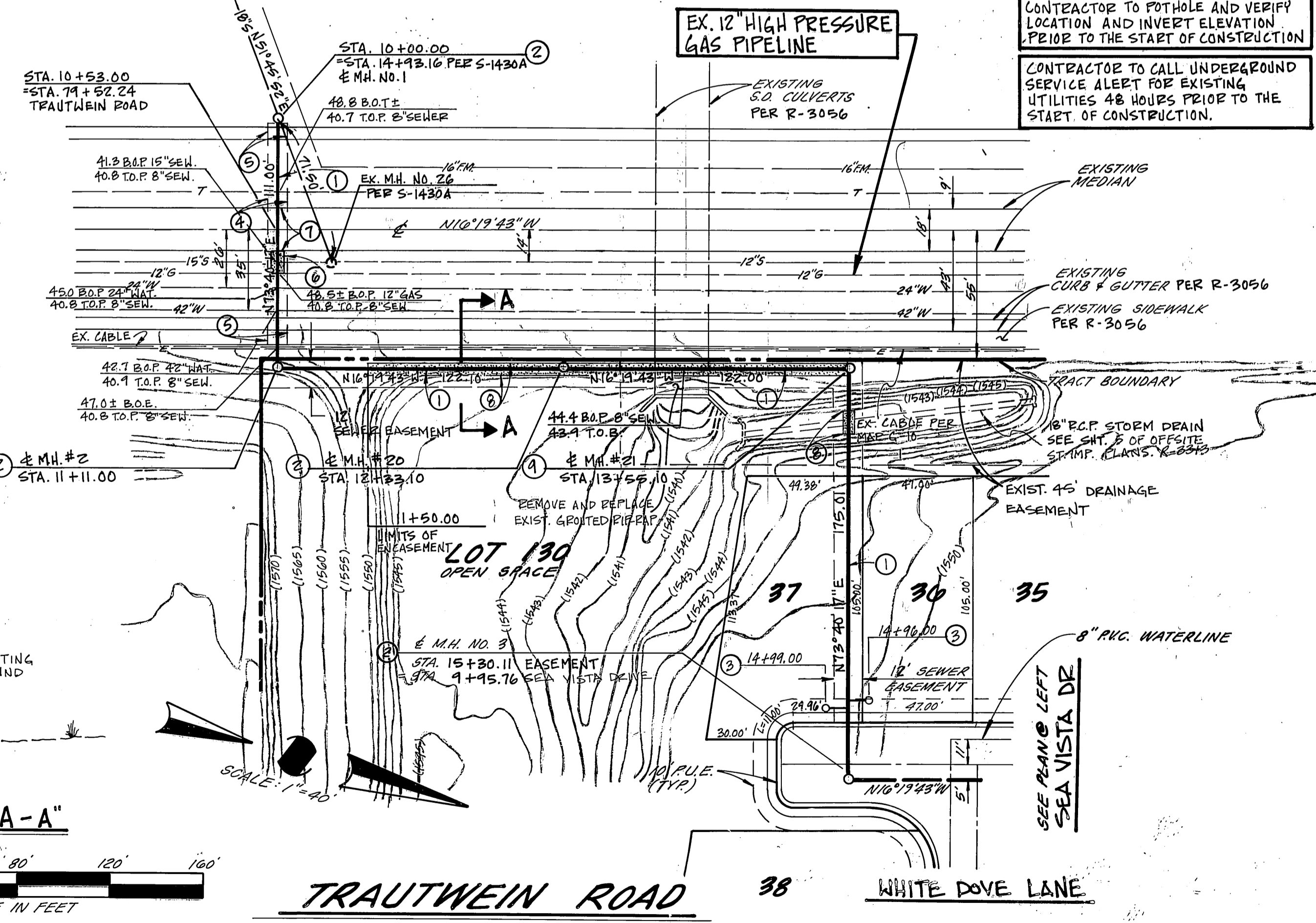
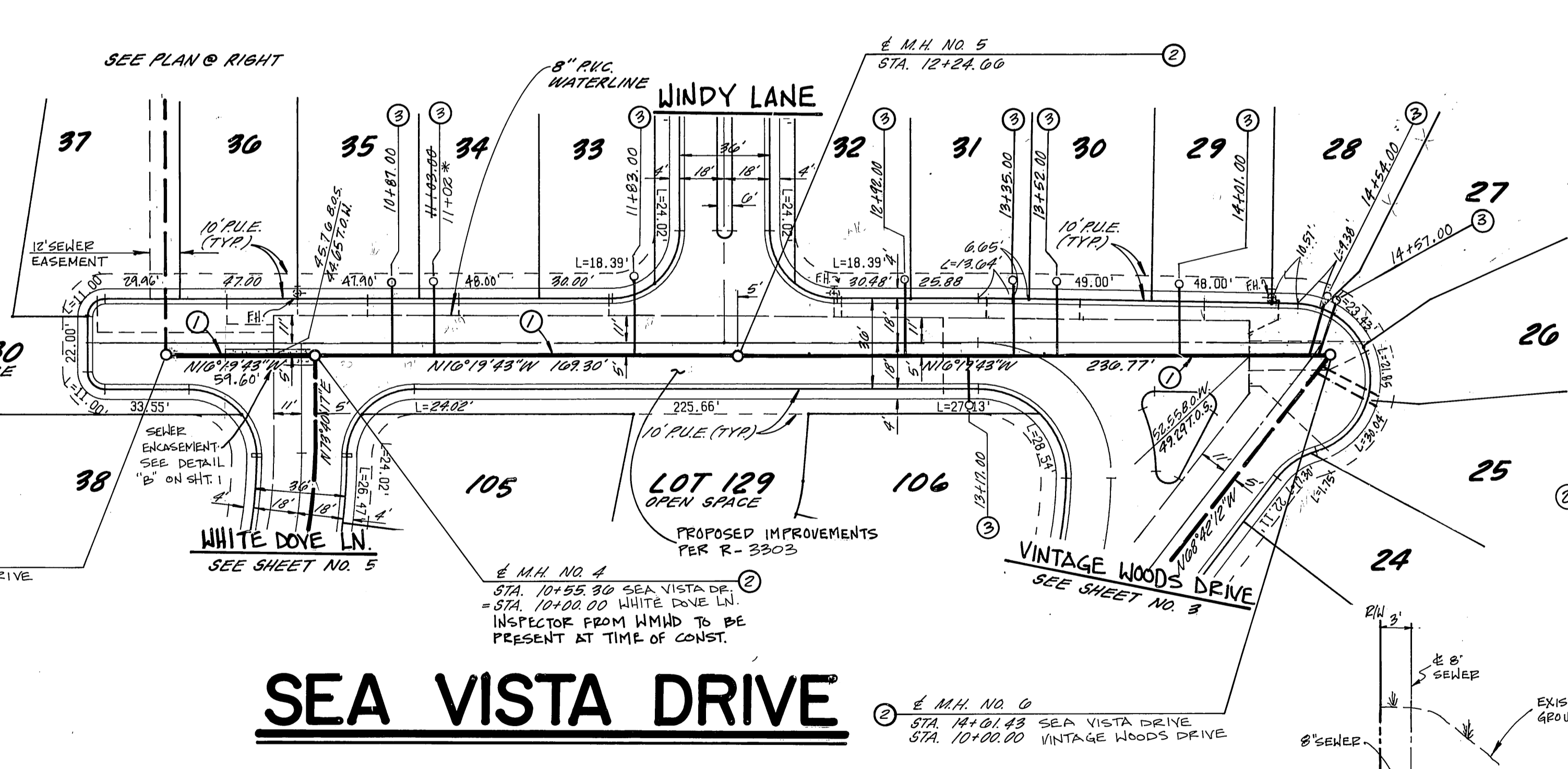
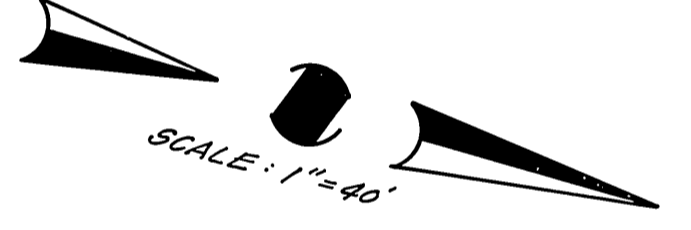
EXPIRES 1/01/93  
BUSINESS TAX CERTIFICATE #035913

<b>Underground Service Alert</b> Call: TOLL FREE 1-800-422-4133 TWO WORKING DAYS BEFORE YOU DIG.	BENCHMARK: EB-A PK NAIL AND TAG ON TOP OF 35'x60'x20' HIGH GRANITE BOLLER, 100' W/LY OF TRAUTWEIN RD AND 0.3 MI. N'LY OF WOOD RD. FB735/174 ELEV. = 1988.453	REVIEWED BY: WESTERN MUNICIPAL WATER DISTRICT SHEET 1 THRU 6 PRINCIPAL ENGINEER, R.C.E. 21643 DATE: 4/5/92	SOUTHERN CALIFORNIA GAS COMPANY REVIEWED BY: [Signature] DATE: P-20-92	<b>CSL ENGINEERING, INC.</b> 2900 ADAMS STREET SUITE A25 RIVERSIDE, CA. 92504 (714) 785-5122 PREPARED UNDER THE SUPERVISION OF: [Signature] 5-19-92 RICHARD A. SCIAMMI R.C.E. 25917 DATE	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] DATE: 12/13/92 PUBLIC WORKS DIRECTOR	SEWER IMPROVEMENT PLANS FOR <b>TRACT 27289</b> TITLE SHEET SHEET 1 OF 6 HORIZ. SCALE: 1" = 150' ACCOUNT NO. S-1645



**WARNING!!!**  
 CONTRACTOR TO POTHOLE AND VERIFY LOCATION AND INVERT ELEVATION PRIOR TO THE START OF CONSTRUCTION.  
 CONTRACTOR TO CALL UNDERGROUND SERVICE ALERT FOR EXISTING UTILITIES 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

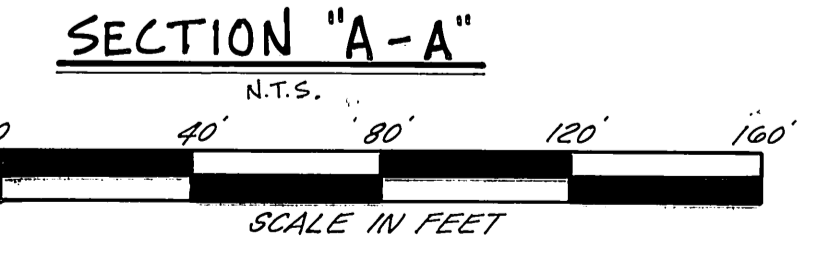
PROFILE SCALES:  
 HORIZ.: 1" = 40'  
 VERT.: 1" = 4'



**WARNING!!!**  
 CONTRACTOR TO POTHOLE AND VERIFY LOCATION AND INVERT ELEVATION PRIOR TO THE START OF CONSTRUCTION.  
 CONTRACTOR TO CALL UNDERGROUND SERVICE ALERT FOR EXISTING UTILITIES 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

**CONSTRUCTION NOTES**

1. CONSTRUCT 8" V.C.P. SEWER
2. CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500
3. CONSTRUCT 4" V.C.P. SEWER LATERAL WITH CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO'S 560 & 562
4. REMOVE & REPLACE EXISTING PAVEMENT
5. REMOVE & REPLACE EXISTING CURB & GUTTER AND SIDEWALK
6. CONSTRUCT ENCASEMENT PER DETAIL "A" ON SHEET 1
7. REMOVE & REPLACE EXISTING CURB AT MEDIAN.
8. CONSTRUCT ENCASEMENT PER DETAIL "B" ON SHEET 1
9. CONSTRUCT MODIFIED MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500 (SEE DETAIL ON SHT. NO. 1)



**Underground Service Alert**  
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 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG.

**BENCHMARK: EB-A**  
 P.K. NAIL AND TAG ON TOP OF 36" x 90" x 20" HIGH GRANITE BOULDER, 100' WLY OF TRAUTWEIN RD. AND 0.3 MI. NLY OF WOOD RD. FB 739/74  
 ELEV. 1198.463

**SOUTHERN CALIFORNIA GAS COMPANY**  
 REVIEWED BY: *[Signature]* 8-20-92  
 DATE: 8-20-92  
 CITY OF RIVERSIDE - PUBLIC UTILITIES ELECTRIC  
 APPROVED BY: *[Signature]* 4/2/92  
 DATE: 4/2/92

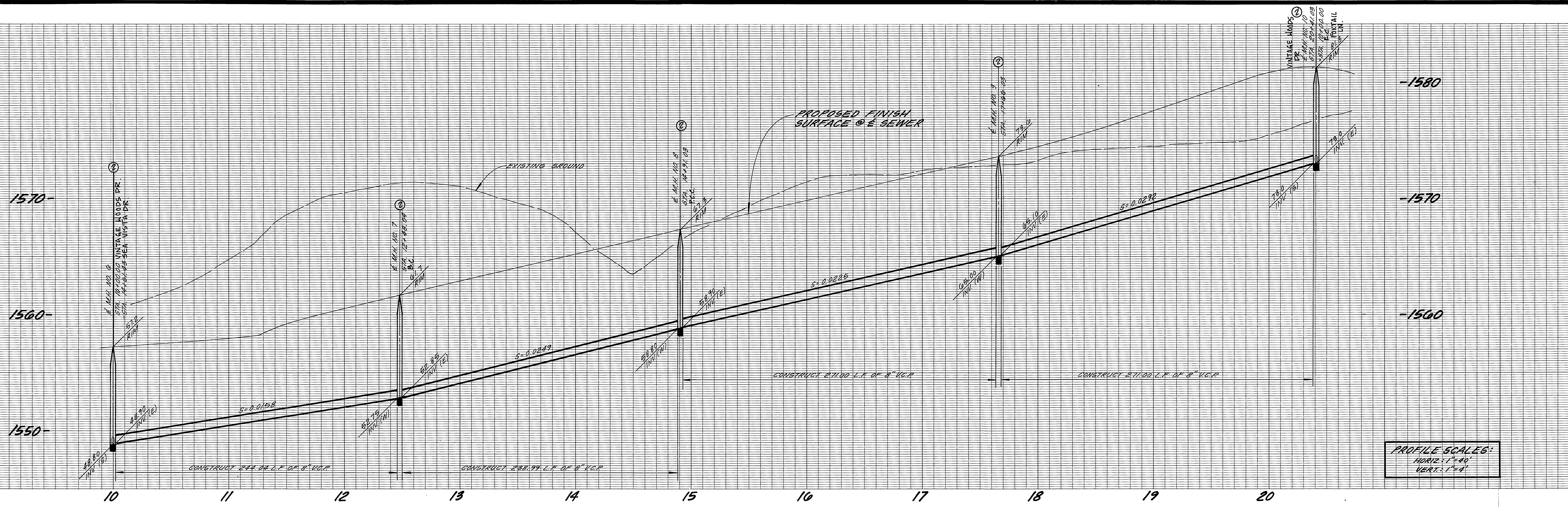
**CSLENGERING, INC.**  
 2900 ADAMS STREET SUITE A25  
 RIVERSIDE, CA. 92504 (714) 785-5122  
 PREPARED UNDER THE SUPERVISION OF:  
*Richard A. Sciamni* 5-19-92  
 RICHARD A. SCIAMNI R.C.E. 25917 DATE: 5-19-92

MARK	REVISIONS	APPR. DATE

**CITY OF RIVERSIDE**  
**PUBLIC WORKS DEPARTMENT**  
 APPROVED BY: *[Signature]* DATE: 12/23/92  
 PRINCIPAL ENGINEER: 12/25/92  
 PARK DEPARTMENT: 12/25/92  
 TRAFFIC DIVISION: 12/25/92  
 CHIEF P.W. ENGINEER: 12/25/92

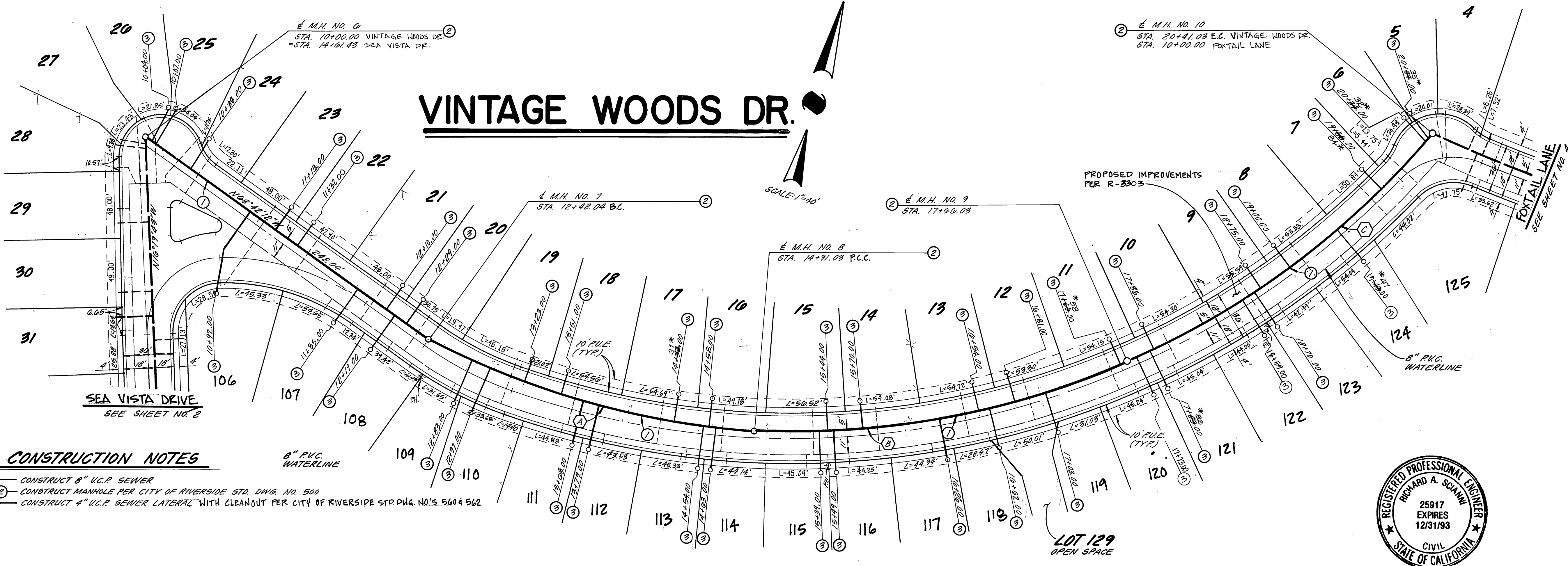
**SEWER IMPROVEMENT PLANS FOR TRACT 27289**  
 SEA VISTA DRIVE  
 TRAUTWEIN ROAD  
 HORIZ. SCALE: 1" = 40'  
 VERT. SCALE: 1" = 4'

ACCOUNT NO. 5-1045  
 SHEET 2 OF 6

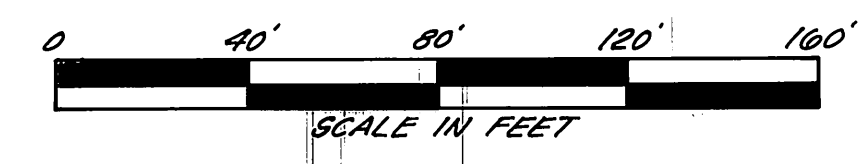


PROFILE SCALES:  
 HORIZ.: 1" = 40'  
 VERT.: 1" = 4'

CURVE DATA			
	Δ	R	T
(A)	23°12'33"	600.00'	123.18'
(B)	26°07'48"	603.00'	139.93'
(C)	26°07'48"	603.00'	139.93'



- CONSTRUCTION NOTES**
- CONSTRUCT 8" V.C.P. SEWER
  - CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500
  - CONSTRUCT 4" V.C.P. SEWER LATERAL WITH CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO.'S 500 & 562



**Underground Service Alert**  
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 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

**BENCHMARK: E2-A**  
 P.K. NAIL AND TAG ON TOP  
 OF 39" x 50" x 20" HIGH GRANITE  
 BOLLER, 100' WLY OF TRAUTWEN  
 RD. AND 03 MI. N'LY OF WOOD  
 RD. FB 735/74  
 ELEV. = 1588.453

**CSL ENGINEERING, INC.**  
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 PREPARED UNDER THE SUPERVISION OF:  
 Richard A. Scanni  
 RICHARD A. SCANNI R.C.E. 25917

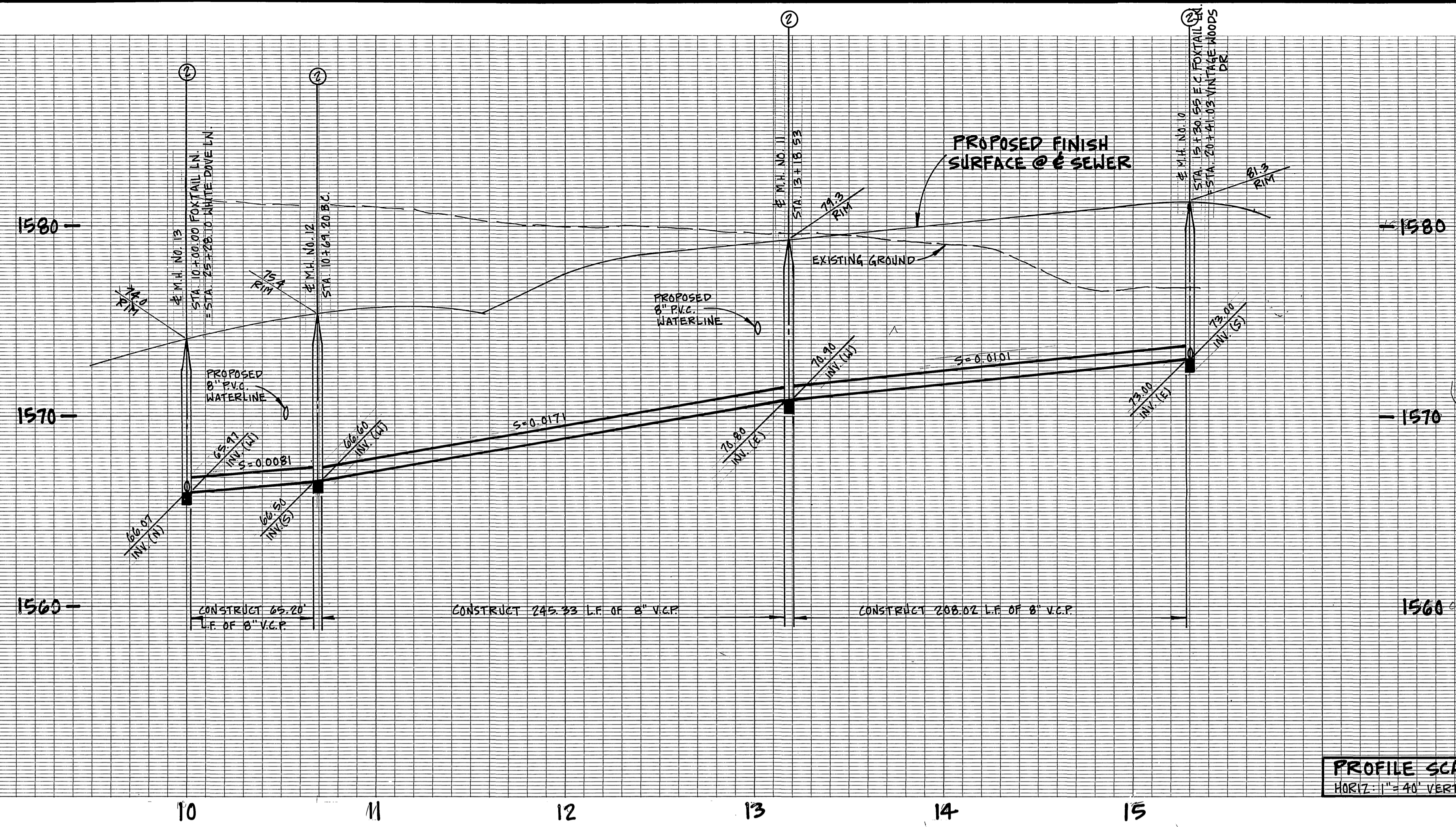
**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: [Signature]  
 DATE: 12/23/92  
 PRINCIPAL ENGINEER  
 PARK DEPARTMENT  
 TRAFFIC DIVISION  
 CHIEF P.W. ENGINEER

**SEWER IMPROVEMENT PLANS**  
 FOR  
**TRACT 27289**  
 VINTAGE WOODS DRIVE

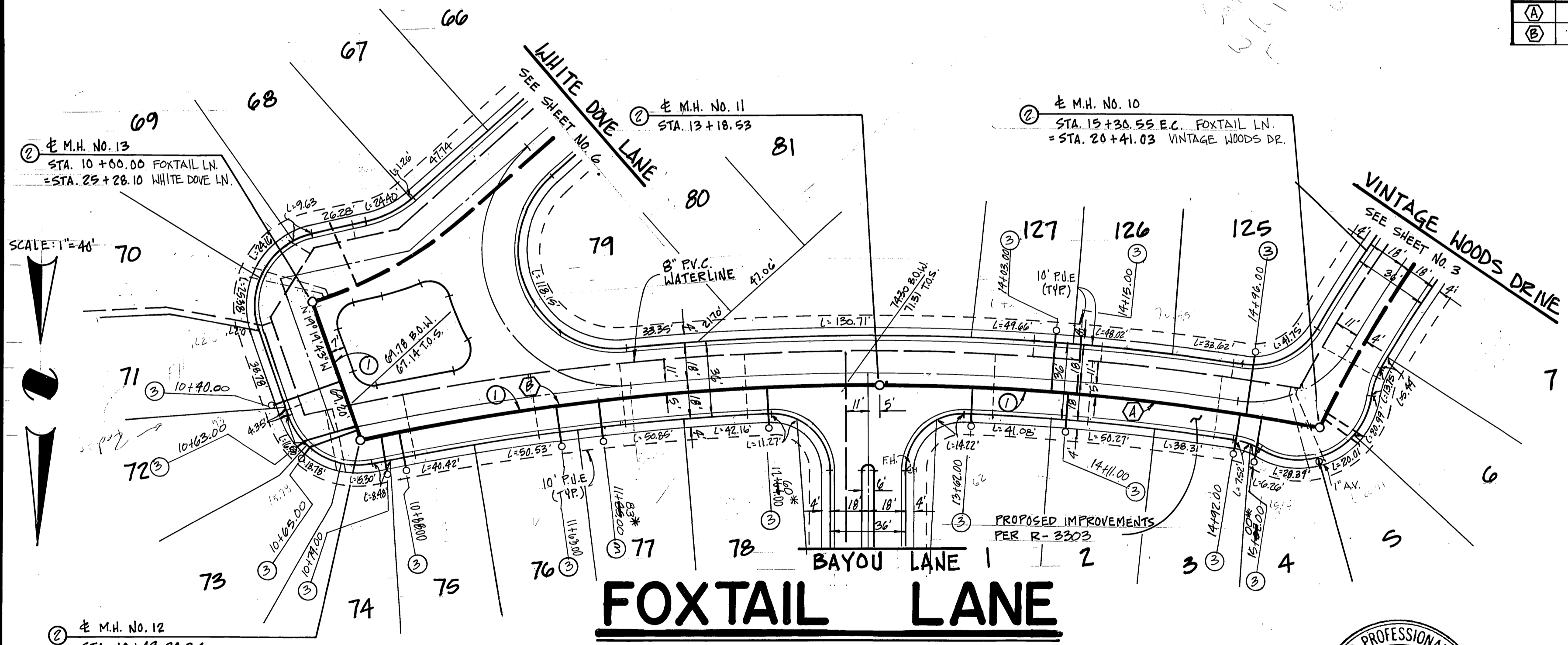
ACCOUNT NO.  
 S-1645  
 SHEET **3** OF **6**

HORIZ. SCALE: 1" = 40'  
 VERT. SCALE: 1" = 4'  
 INDEXED 1-14-93 JH  
 JN 307



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

CURVE DATA				
	Δ	R	L	T
(A)	10° 24' 34"	1167.00'	212.02'	106.30'
(B)	12° 14' 28"	1167.00'	249.33'	125.14'



SEWER STATIONING IS FROM EAST TO WEST, WATER STATIONING IS FROM WEST TO EAST.

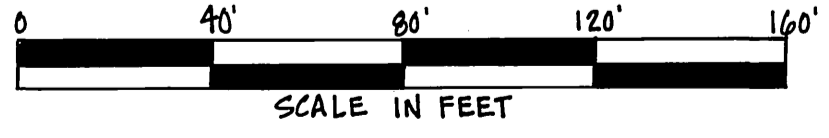
**CONSTRUCTION NOTES**

- ① CONSTRUCT 8" V.C.P. SEWER
- ② CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD DWG. NO. 500
- ③ CONSTRUCT 4" V.C.P. SEWER LATERAL WITH CLEANOUT PER CITY OF RIVERSIDE STD DWG. NO'S 560 & 562



BENCHMARK: EB-A  
 P.E. NAIL AND TAG ON TOP  
 OF 35' x 50' x 20" HIGH GRANITE  
 BOULDER, 100' WLY OF TRAUTWEN  
 RD. AND 03' M.L. N'LY OF WOOD  
 RD. FB 735/74  
 ELEV. 1588.453

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 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG.



<p><b>CSL ENGINEERING, INC.</b>          2900 ADAMS STREET SUITE A25          RIVERSIDE, CA. 92504 (714) 785-5122          PREPARED UNDER THE SUPERVISION OF:  <i>Richard A. Sciani</i> 9-3-92          RICHARD A. SCIANI R.C.E. 25917 DATE</p>	<p><b>CITY OF RIVERSIDE</b>          PUBLIC WORKS DEPARTMENT</p>	<p>SEWER IMPROVEMENT PLANS          FOR  <b>TRACT 27289</b>          FOXTAIL LANE</p> <p>ACCOUNT NO.          S-1645</p> <p>SHEET <b>4</b> OF <b>6</b></p>
<p>APPROVED BY: <i>[Signature]</i> DATE: 12/23/92          PRINCIPAL ENGINEER          PARK DEPARTMENT          TRAFFIC DIVISION          CHIEF P.W. ENGINEER</p>		<p>APPROVED BY: <i>[Signature]</i> DATE: 12/23/92          PUBLIC WORKS DIRECTOR</p>
<p>DESIGNED BY: J.M.B. DRAWN BY: R.L.M. CHECKED BY: J.J.L.</p>		<p>HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'</p>

1500-

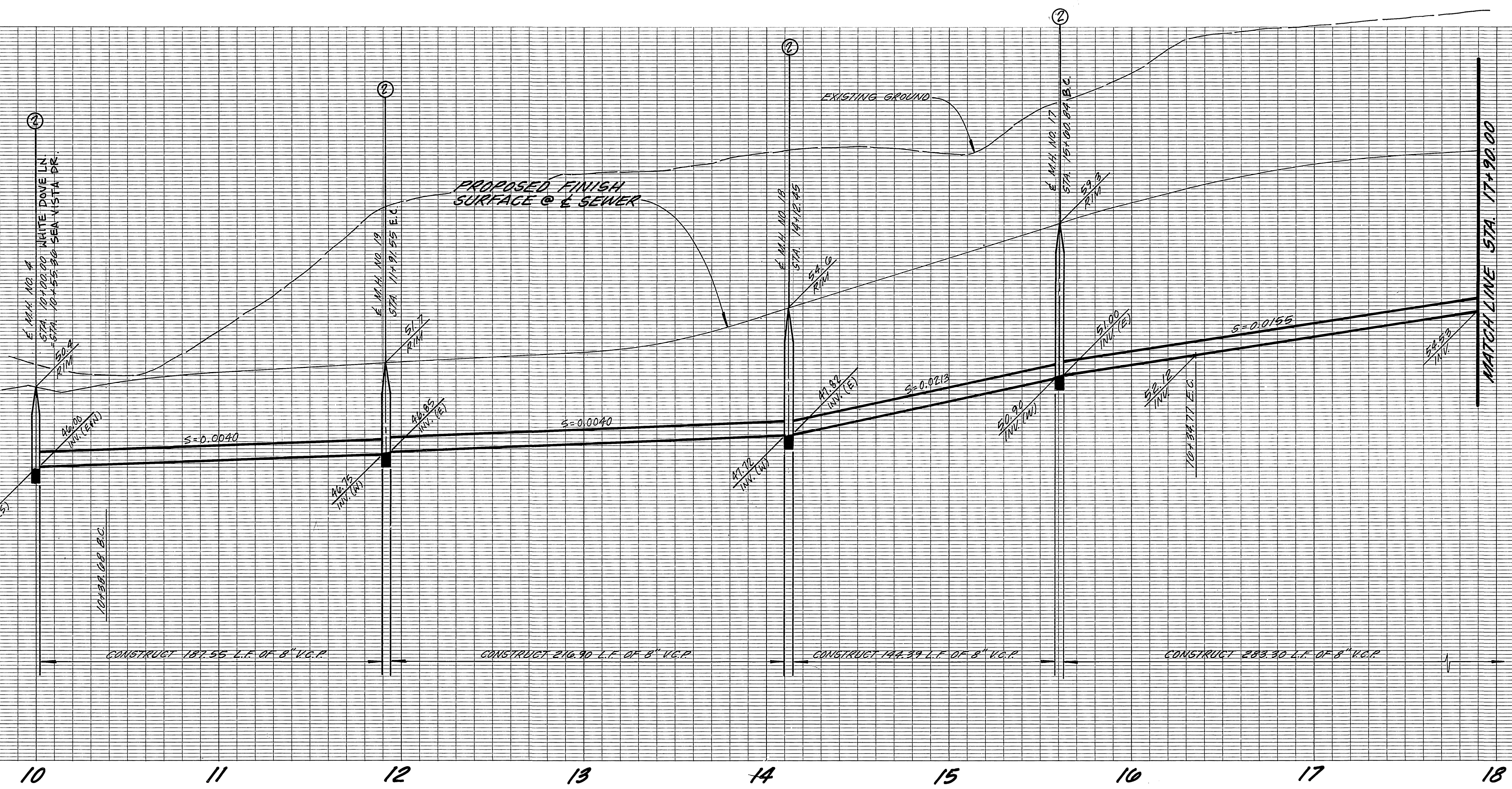
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-1560

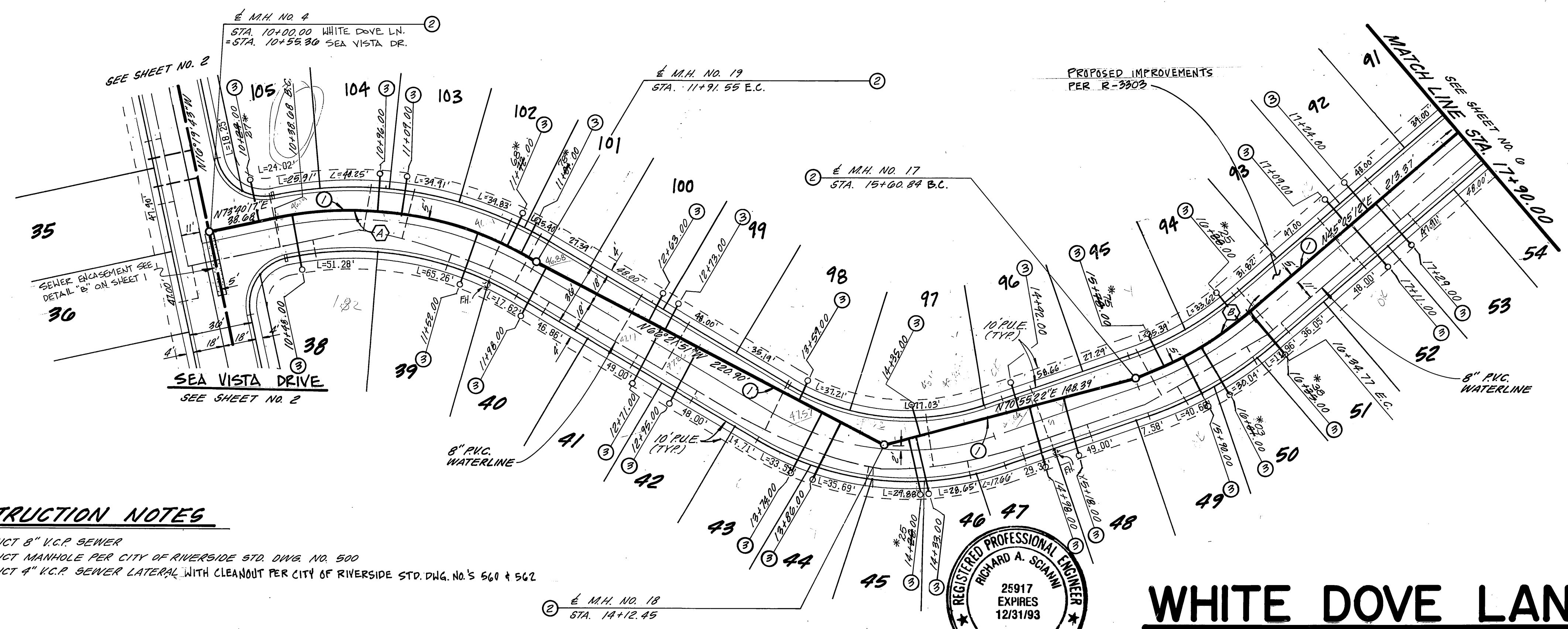
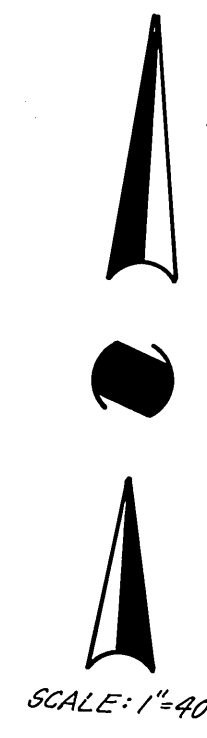
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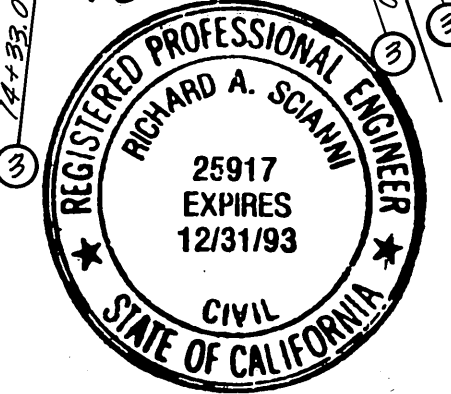
PROFILE SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 4'

CURVE DATA				
	Δ	R	L	T
(A)	42° 48' 32"	205.00'	152.87'	80.19'
(B)	21° 49' 25"	195.00'	78.99'	37.42'



**CONSTRUCTION NOTES**

- ① CONSTRUCT 8" V.C.P. SEWER
- ② CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500
- ③ CONSTRUCT 4" V.C.P. SEWER LATERAL WITH CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO. 560 & 562



**WHITE DOVE LANE**

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 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG.

BENCHMARK: E8-A  
 P.K. NAIL AND TAG ON TOP  
 OF 35" X 50" X 20" HIGH GRANITE  
 BOULDER, 100' WLY OF TRAUTMANN  
 RD. AND 0.3 MI. NLY OF HOOD  
 RD. FB 735/74  
 ELEV. = 1588.453

**CSL ENGINEERING, INC.**  
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 RIVERSIDE, CA. 92504 (714) 785-5122  
 PREPARED UNDER THE SUPERVISION OF:  
 Richard A. Sciamm 5-19-92  
 RICHARD A. SCIAMM R.C.E. 25917 DATE

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: DATE BY  
 PRINCIPAL ENGINEER 12/15/92 RAS  
 PARK DEPARTMENT  
 TRAFFIC DIVISION  
 CHIEF P.W. ENGINEER 12/23/92 RAS  
 DATE 12/23/92

SEWER IMPROVEMENT PLANS  
 FOR  
**TRACT 27289**  
 WHITE DOVE LANE  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO.  
 5-1045  
 SHEET 5 OF 6

1570-

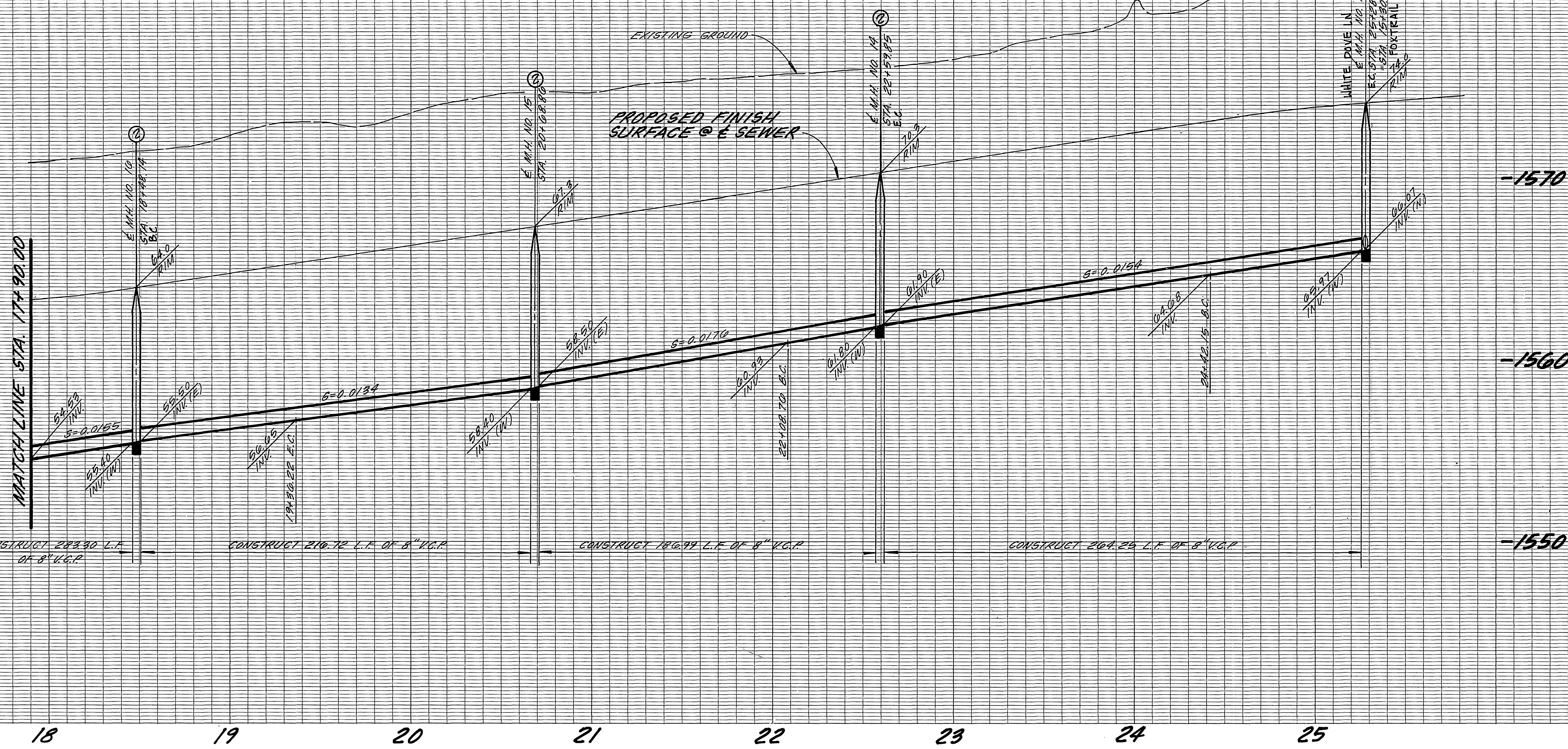
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1550-

-1570

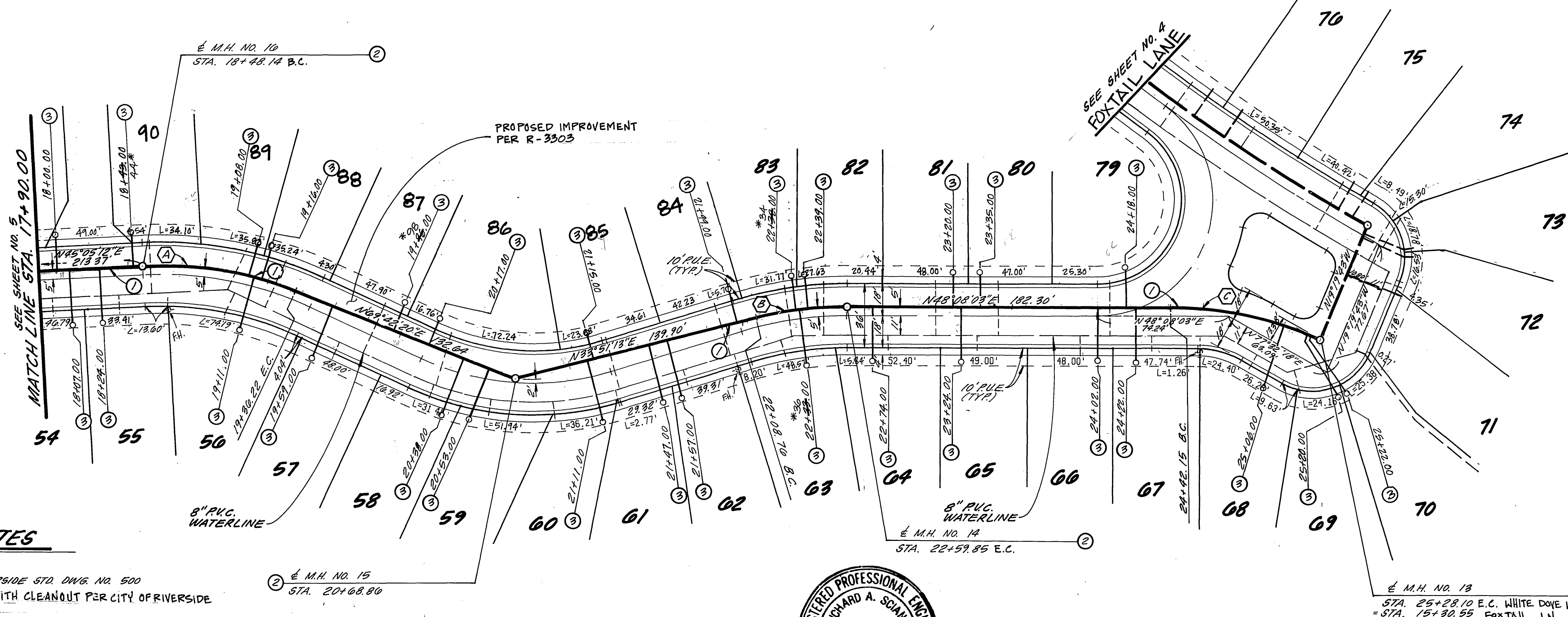
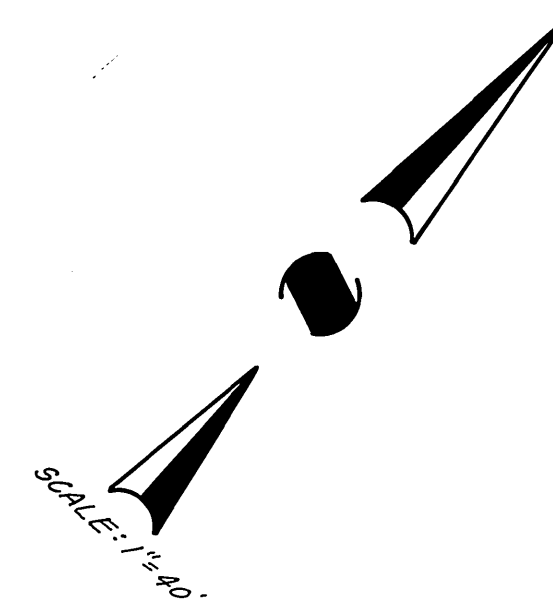
-1560

-1550



PROFILE SCALES:  
 HORIZ. = 1"=40'  
 VERT. = 1"=4'

CURVE DATA				
	Δ	R	L	T
(A)	24° 37' 07"	205.00'	88.08'	44.73'
(B)	14° 10' 50"	205.00'	51.09'	25.65'
(C)	24° 37' 20"	200.00'	85.95'	43.05'



**CONSTRUCTION NOTES**

- ① CONSTRUCT 8" U.C.P. SEWER
- ② CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500
- ③ CONSTRUCT 4" U.C.P. SEWER LATERAL WITH CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO. S. 560 & 562

**WHITE DOVE LANE**



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 Richard A. Sciammi 5-13-92  
 RICHARD A. SCIAMMI R.C.E. 25917 DATE

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: [Signature]  
 DATE: 12/23/92  
 PUBLIC WORKS DIRECTOR

SEWER IMPROVEMENT PLANS  
 FOR  
**TRACT 27289**  
 WHITE DOVE LANE  
 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

ACCOUNT NO.  
 S-1645  
 SHEET 6 OF 6