

**INDEX MAP**  
SCALE: 1" = 200'

**GENERAL NOTES**

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1978 EDITION, AND CITY OF RIVERSIDE STANDARD DRAWINGS.
- 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 APPURTANCES AND AT NO COST TO THE CITY.
- PIPE SHALL BE BEDDED PER CASE I, STANDARD DRAWING NO. 452, UNLESS OTHERWISE SPECIFIED ON PLANS.
- LOCATION OF WYES AND LATERALS TO BE DETERMINED AT THE DIRECTION OF THE OWNER, WHEN NOT SHOWN ON PLANS.
- ALL STUBS AND LATERALS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWING 562; STUBS TO BE PLUGGED AND CAPPED, ALL LATERALS SHALL HAVE A 1/4" PER FOOT SLORE AND WYES ARE TO LAY FLAT.
- MANHOLE FRAMES AND COVERS TO BE SET AS NOTED IN PROFILE BY SEWER CONTRACTOR AFTER FINAL PAVING OF STREETS.
- LATERALS ARE TO BE 4" AND EXTENDED TO PROPERTY LINE.
- PRIOR TO CONSTRUCTION OF SEWER, CONTRACTOR IS TO EXPOSE EXISTING SEWER AND CONTACT THE ENGINEER FOR VERIFICATION OF EXISTING LOCATION AND ELEVATION.
- ENCASE SEWER 45' EACH SIDE OF PROPOSED WATER MAIN CROSSING PER PUBLIC UTILITIES DRAWING C.W.D. 023, TYPE B.
- QUANTITIES ARE SHOWN FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 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.

**CONSTRUCTION NOTES & QUANTITY ESTIMATE**

31	CONST. MANHOLE PER CITY OF RIVERSIDE STD. 500	13 EA.
32	CONST. 8" V.C.P. SEWER	3,436 L.F.
33	PLUG END OF PIPE FOR FUTURE SERVICE	1 EA.
34	CONST. 4" V.C.P. LATERAL PER STD. 562	676 L.F.
35	CONST. 10' SEWER LATERAL BEDDED PER STD. 452, CASE II	1 EA.
36	CONST. 8" V.C.P. SEWER LATERAL	287 L.F.
37	ENCASE 8" SEWER PER STD. C.W.D. 023, TYPE C	18 L.F.
38	CONST. CLEAN OUT PER CITY OF RIVERSIDE STD. 560	1 EA.
39	LAY 1/4" FLAT AND CONST. 10' OF LATERAL BEDDING (ENCASEMENT) PER STD. 452, CASE II	7 EA.

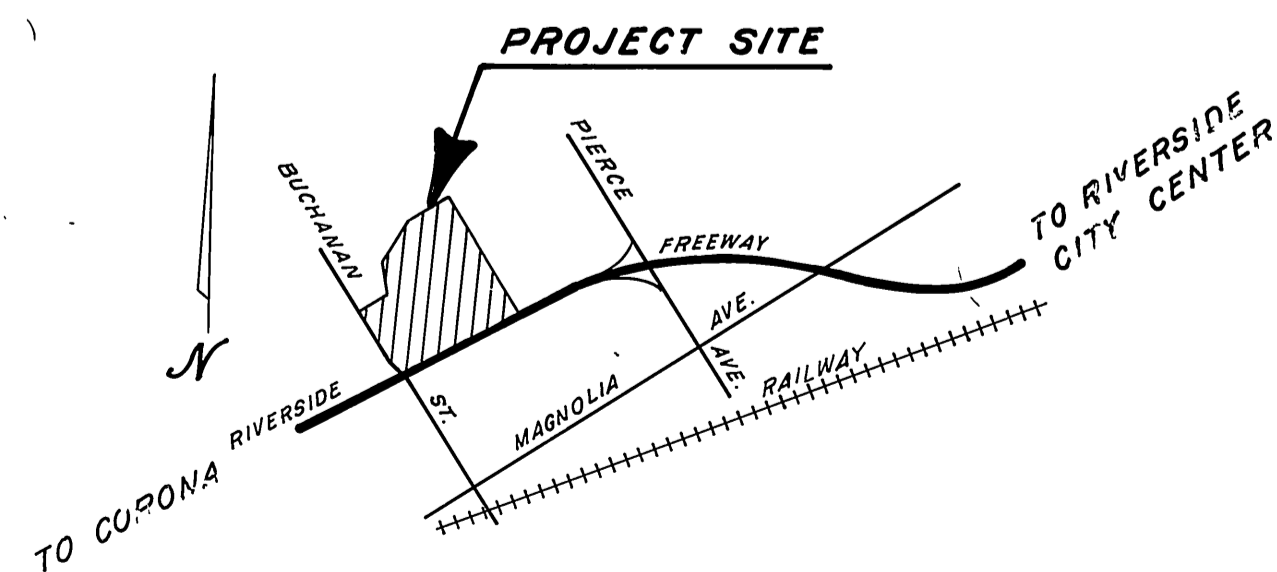
THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION AS A RESULT OF ERRORS OR OMISSIONS, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.

**PRIVATE ENGINEERS NOTICE TO CONTRACTORS**

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE ON JOB SITE, COPIES OF APPLICABLE STANDARDS SHOWN ON PLANS AND BE FAMILIAR WITH THEIR CONSTRUCTION.

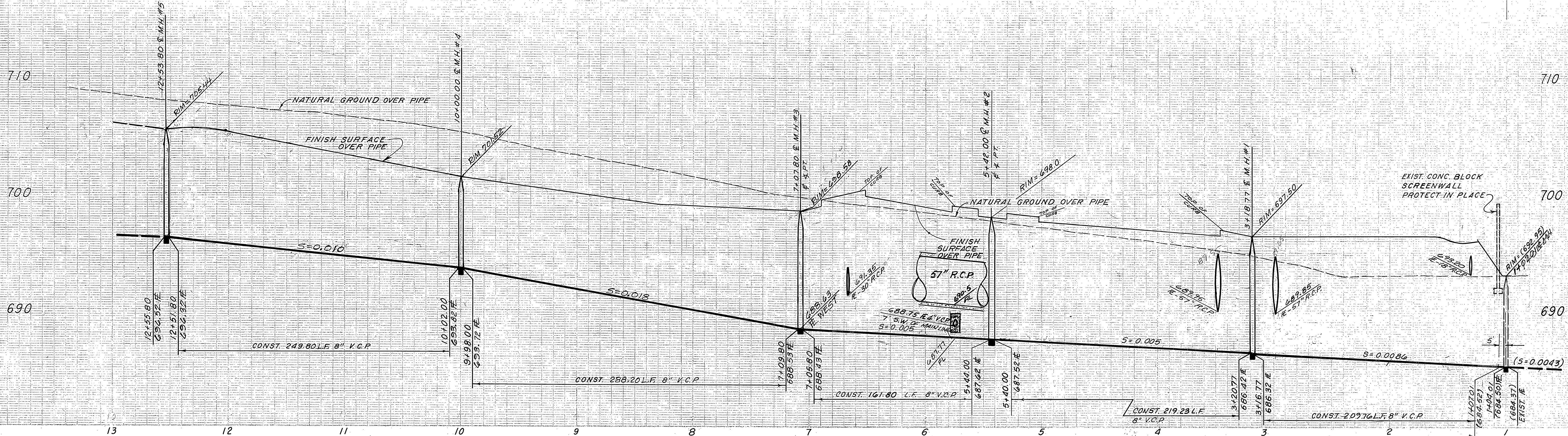
Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this Project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold the Owner and the 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 the Engineer.



**LOCATION MAP**  
NO SCALE

BENCH MARK E1-B  
E1-B PK NAIL IN CONC LOADING DOCK AT SWISS DAIRY ON NE'LY. SIDE OF BUCHANAN ST NW'LY. OF RIVERSIDE FRWY. PK IS 12' SL'LY. OF NW'LY. CORNER OF DOCK. ELEV. = 737.632  
FB 739/43

PREPARED BY: <b>JENNINGS-HALDERMAN-HOOD</b> 540 N. GOLDEN CIRCLE DR. SUITE III SANTA ANA, CA. 92705 PHONE: (714) 835-3611 DATE: 8/13/79 LAWRENCE R. WLEZIEK R.C.E. 19355	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: [Signature] PRINCIPAL ENGINEER PARK DEPARTMENT: [Signature] TRAFFIC DIVISION: [Signature] CHIEF P. W. ENGR.	<b>SEWER PLAN &amp; PROFILE</b> PARCEL MAP NO. 14678 INDEX MAP HORIZ. SCALE: 1" = [ ] VERT. SCALE: 1" = [ ]	PROJECT NO. <b>S-1233</b> SHEET 1 OF 5 FILE NO.
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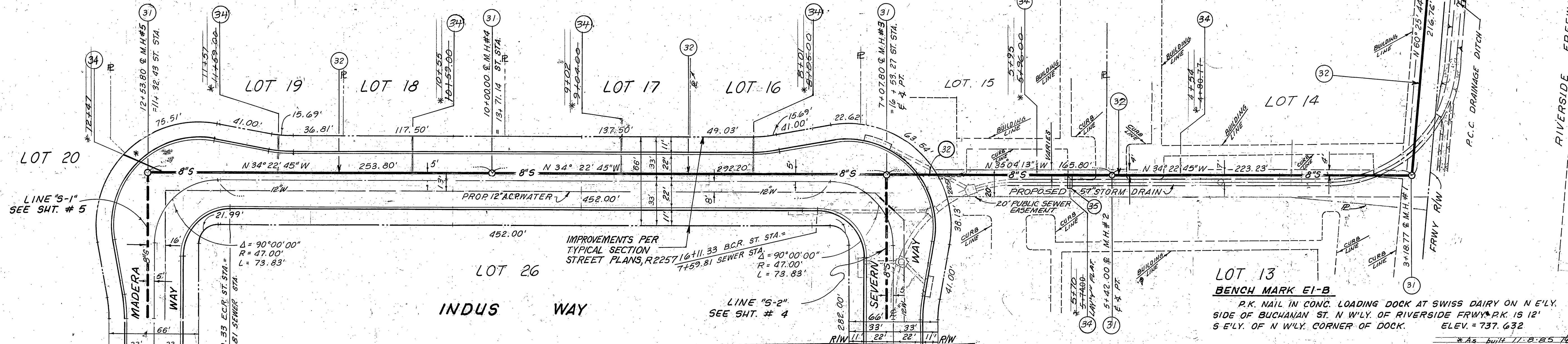


**CONSTRUCTION NOTES**

- 31 - CONST. MANHOLE PER CITY OF RIVERSIDE STD. 500
- 32 - CONST. 8" V.C.P. SEWER
- 34 - CONST. 4" V.C.P. LATERAL PER STD. 562
- 35 - CONST. 10" SEWER LATERAL BEDDING PER STD. 452 - CASE II

SCALE: 1" = 40'

**NOTE TO SEWER CONTRACTOR:**  
 CONTRACTOR TO VERIFY EXIST. FLOW LINE & MANHOLE LOCATION PRIOR TO CONSTRUCTION. CONTRACTOR SHALL RECONSTRUCT MANHOLE BASE IF REQUIRED.



**"S-1" LINE**

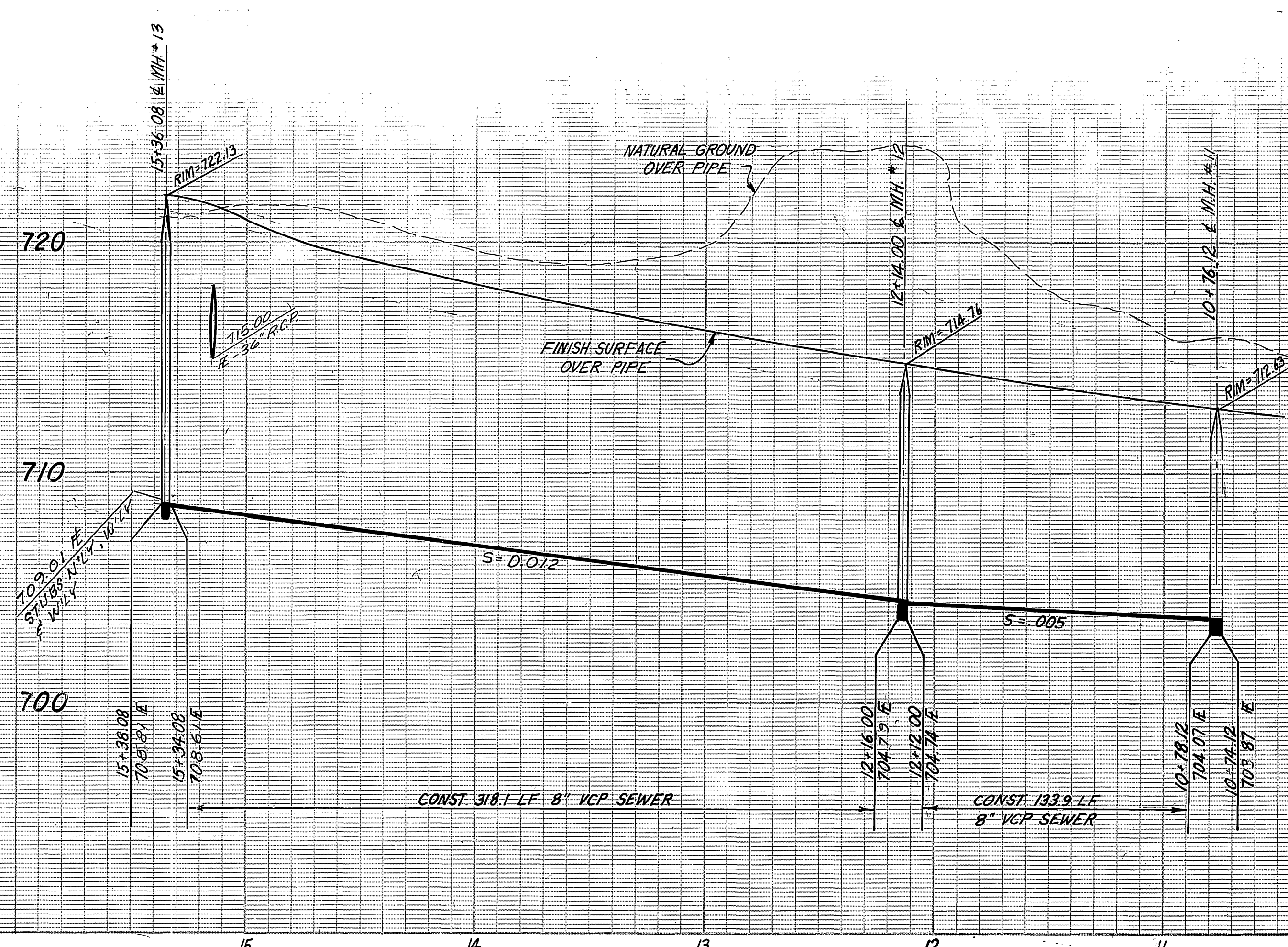
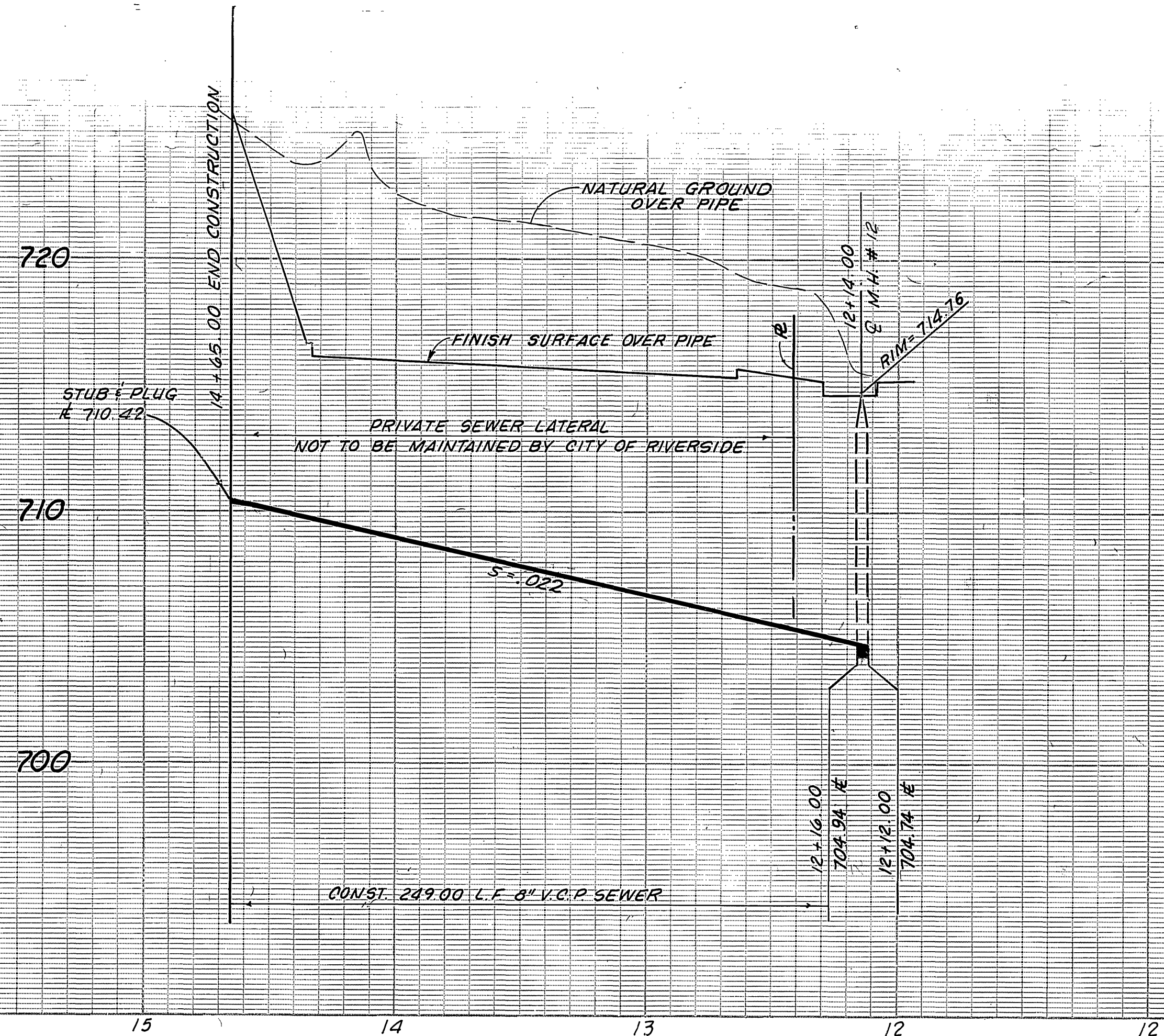
APPROVED BY: *Fred Lantz*  
 WATER SYSTEMS MANAGER DATE: 2/24/80

PREPARED BY:  
**JENNINGS-HALDERMAN-HOOD**  
 540 N. GOLDEN CIRCLE DR. SUITE III  
 SANTA ANA, CA. 92705  
 PHONE: (714) 835-3611  
 DATE: 8/13/79  
 LAWRENCE R. WLEZIEN R.C.E. 19355

CITY OF RIVERSIDE, CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED BY: *[Signature]*  
 PRINCIPAL ENGINEER  
 PARK DEPARTMENT  
 TRAFFIC DIVISION  
 CHIEF P. W. ENGR.  
 DATE: 10/10/80

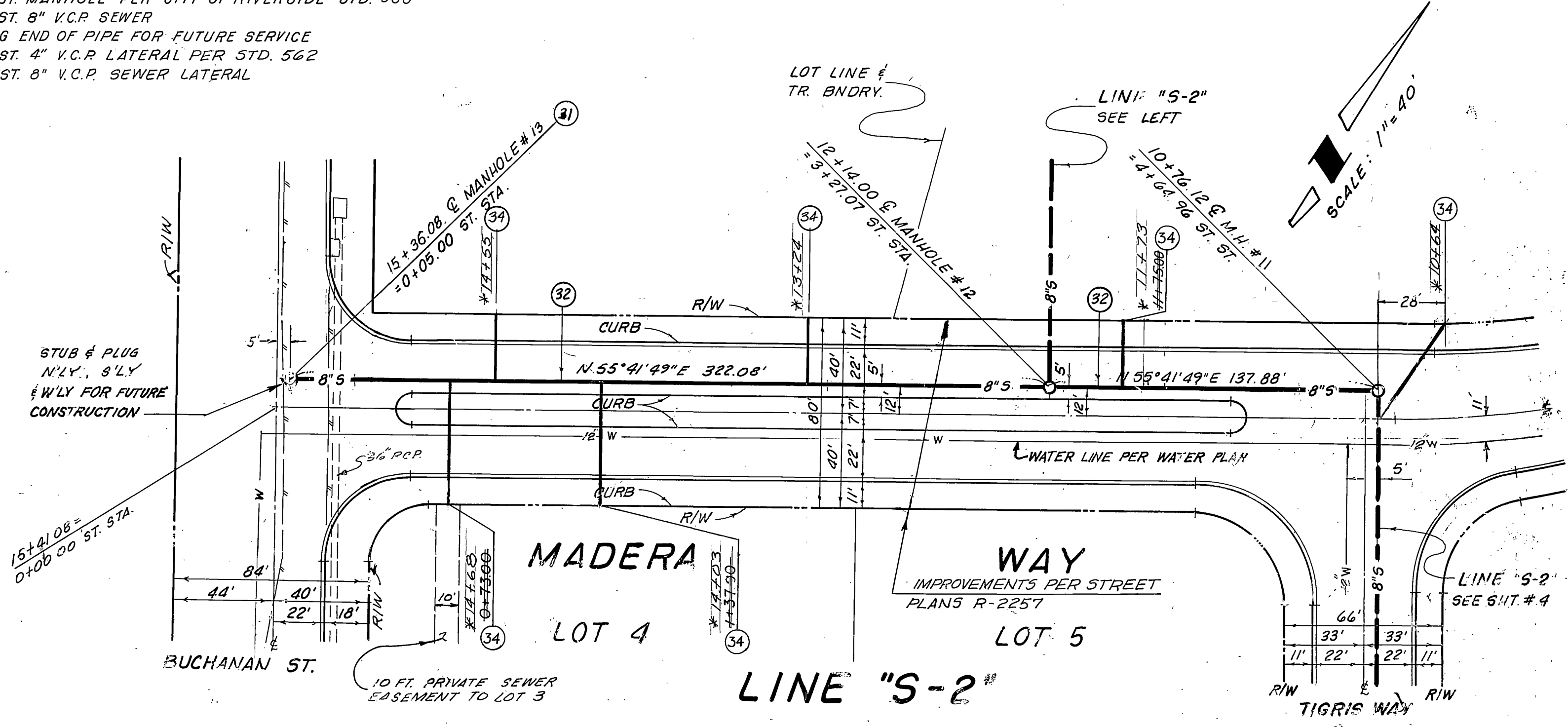
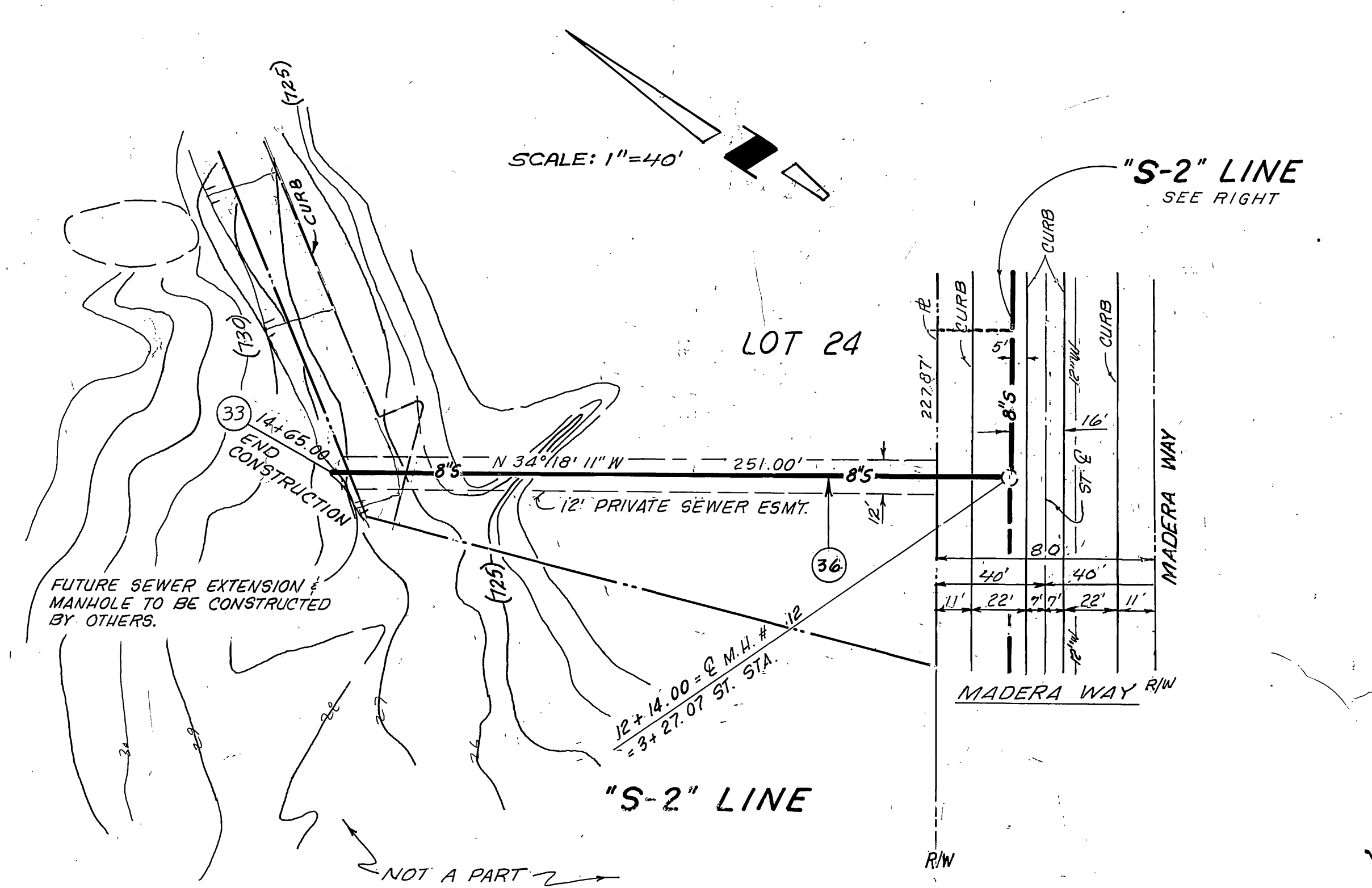
SEWER PLAN & PROFILE  
**PARCEL MAP NO. 14678**  
**INDUS WAY**  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. **S-1233**  
 SHEET **2** OF **5**  
 FILE NO. J.H.H. JOB # 1945



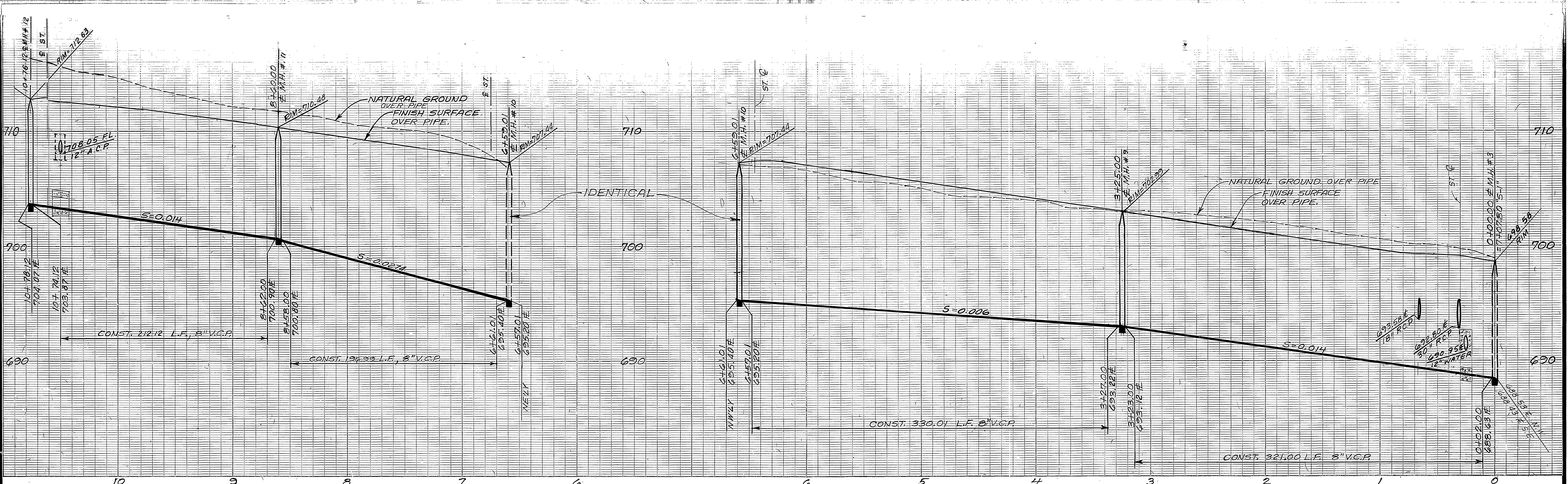
**CONSTRUCTION NOTES**

- (31) CONST. MANHOLE PER CITY OF RIVERSIDE STD. 500
- (32) CONST. 8" V.C.P. SEWER
- (33) PLUG END OF PIPE FOR FUTURE SERVICE
- (34) CONST. 4" V.C.P. LATERAL PER STD. 562
- (36) CONST. 8" V.C.P. SEWER LATERAL

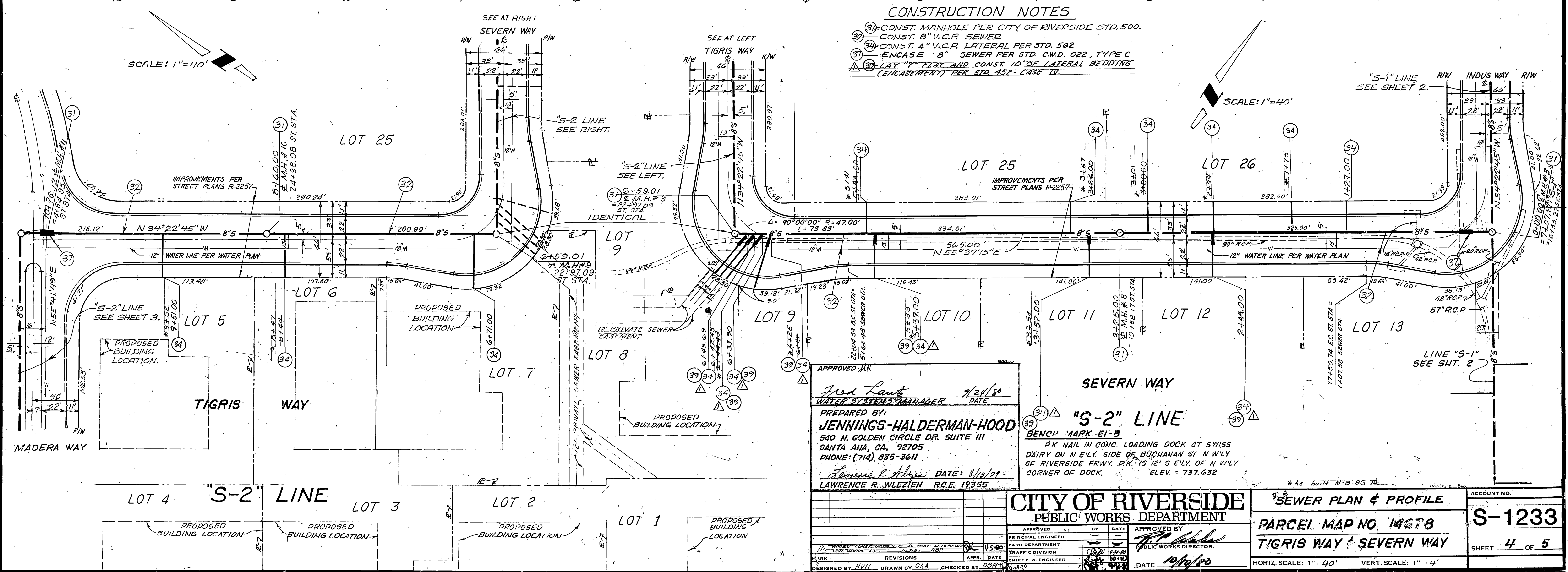


**BENCH MARK EI-B**  
 P.K. NAIL IN CONC. LOADING DOCK AT SWISS DAIRY ON N.E.L.Y. SIDE OF BUCHANAN ST. 11' W.L.Y. OF RIVERSIDE FRWY. P.K. IS 12' S.E.L.Y. OF N.W.L.Y. CORNER OF DOCK.  
 ELEV. = 737.632

APPROVED <i>Fred Lamb</i> WATER SYSTEMS MANAGER 2/28/80 DATE	PREPARED BY: <b>JENNINGS-HALDERMAN-HOOD</b> 540 N. GOLDEN CIRCLE DR. SUITE 111 SANTA ANA, CA. 92705 PHONE: (714) 835-3611 DATE: 8/13/79 LAWRENCE R. WLEZIEN R.C.E. 19355	<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		SEWER PLAN & PROFILE	ACCOUNT NO. <b>S-1233</b>
		APPROVED BY <i>[Signature]</i> PUBLIC WORKS DIRECTOR	PARCEL MAP NO. 14678 MADERA WAY	SHEET <b>3</b> OF <b>5</b>	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'



- CONSTRUCTION NOTES**
- (30) CONST. MANHOLE PER CITY OF RIVERSIDE STD. 500.
  - (32) CONST. 8" V.C.P. SEWER
  - (34) CONST. 4" V.C.P. LATERAL PER STD. 562
  - (31) ENCASE 8" SEWER PER STD. C.W.D. 022, TYPE C
  - (33) LAY "Y" FLAT AND CONST. 10' OF LATERAL BEDDING (ENCASEMENT) PER STD. 452 - CASE IV.



APPROVED: *John Lantz* 7/28/98  
 WATER SYSTEMS MANAGER DATE

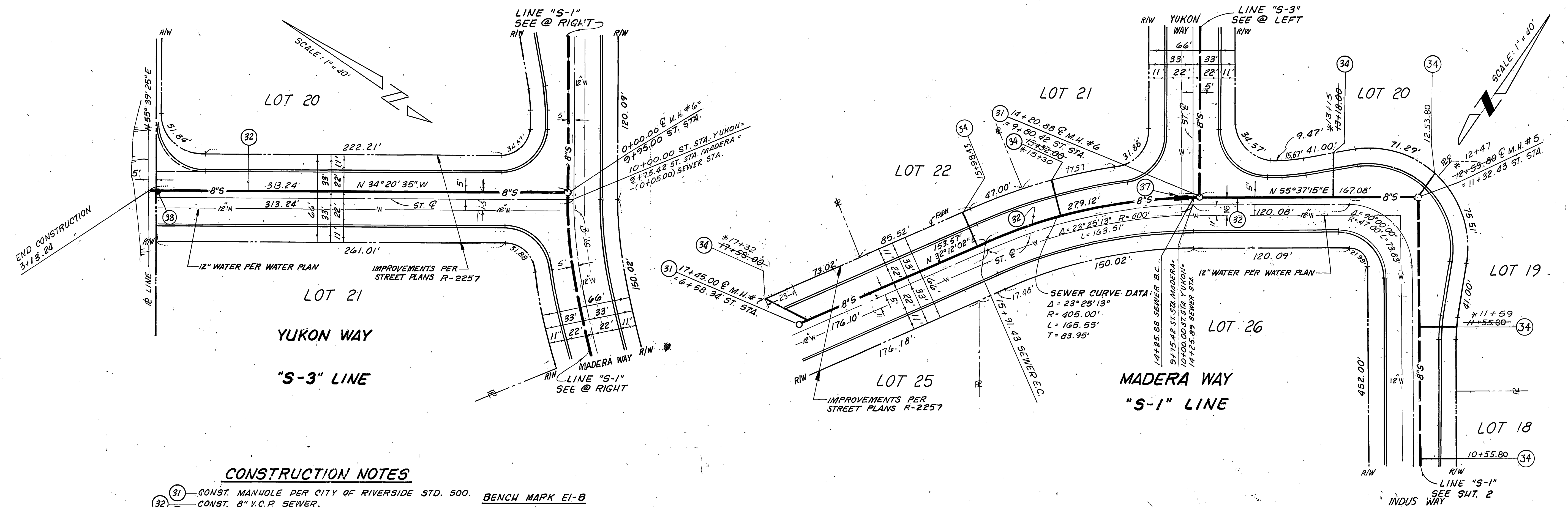
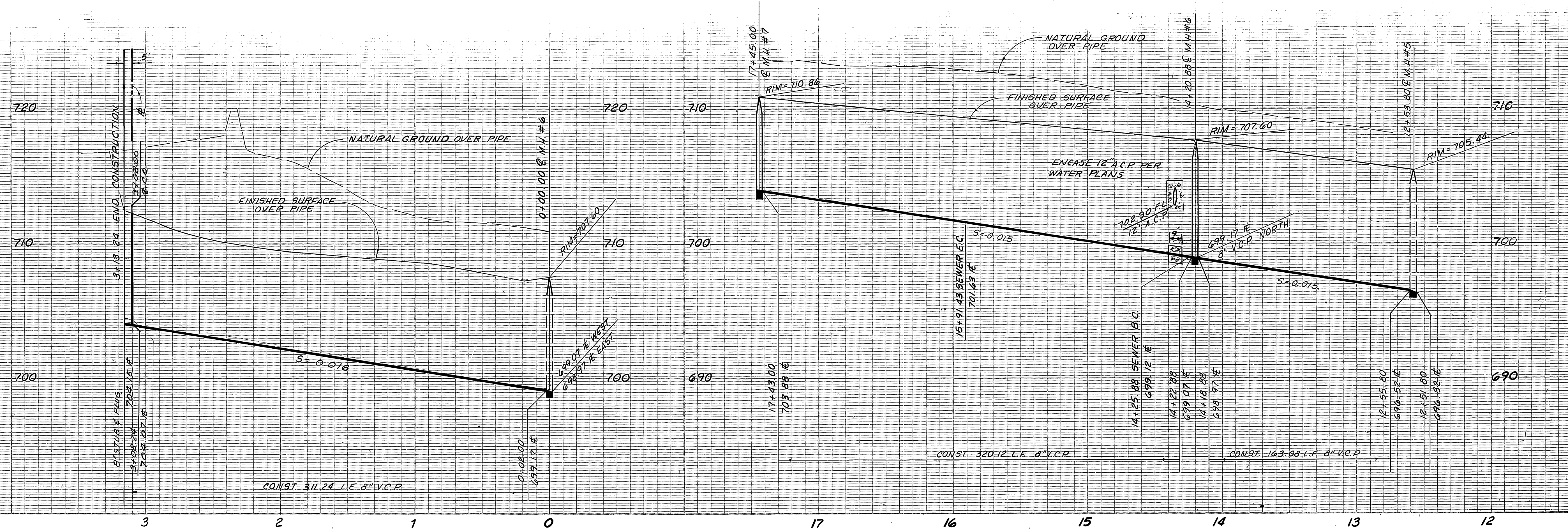
PREPARED BY:  
**JENNINGS-HALDERMAN-HOOD**  
 540 N. GOLDEN CIRCLE DR. SUITE III  
 SANTA ANA, CA. 92705  
 PHONE: (714) 835-3611

*Lawrence R. Wleziem* DATE: 8/13/99  
 LAWRENCE R. WLEZIEM R.C.E. 19355

**"S-2" LINE**  
 BENCH MARK - EI-3  
 P.K. NAIL IN CONC. LOADING DOCK AT SWISS DAIRY ON N.E. LY. SIDE OF BUCHANAN ST N.W. LY. OF RIVERSIDE FRWY. P.K. 15 12' S ELY. OF N.W. LY. CORNER OF DOCK. ELEV. = 737.632

APPROVED		BY	DATE	APPROVED BY
PRINCIPAL ENGINEER				<i>[Signature]</i>
TRAFFIC DIVISION				PUBLIC WORKS DIRECTOR
DESIGNED BY: HVN	DRAWN BY: GAA	CHECKED BY: DBP	DATE: 10/10/00	

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		ACCOUNT NO.
SEWER PLAN & PROFILE		S-1233
PARCEL MAP NO. 14678		SHEET 4 OF 5
TIGRIS WAY & SEVERN WAY		
HORIZ. SCALE: 1"=40'	VERT. SCALE: 1"=4'	



**CONSTRUCTION NOTES**

- 31 - CONST. MANHOLE PER CITY OF RIVERSIDE STD. 500.
- 32 - CONST. 8" V.C.P. SEWER.
- 34 - CONST. 4" V.C.P. LATERAL PER STD. 562
- 38 - CONST. CLEAN OUT PER CITY OF RIVERSIDE STD 560
- 37 - ENCASE 8" SEWER PER STD. C.W.D. 022, TYPE "C".

**BENCH MARK EI-B**  
 P.K. NAIL IN CONC. LOADING DOCK AT SWISS DAIRY ON N E'LY. SIDE OF BUCHANAN ST. N W'LY. OF RIVERSIDE FRWY. P.K. IS 12' S E'LY. OF N W'LY. CORNER OF DOCK. ELEV. = 737.632

APPROVED: *[Signature]*  
**Fred Lent**  
 WATER SYSTEMS MANAGER  
 DATE: 7/24/80

PREPARED BY:  
**JENNINGS-HALDERMAN-HOOD**  
 540 N. GOLDEN CIRCLE DR. SUITE III  
 SANTA ANA, CA. 92705  
 PHONE: (714) 835-3611  
 DATE: 8/18/79  
**LAWRENCE R. WLEZIEN**  
 R.C.E. 19355

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		APPROVED BY:	DATE:
		<i>[Signature]</i> PUBLIC WORKS DIRECTOR	10/10/80
PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER	DESIGNED BY: DRAWN BY: CHECKED BY:	DATE:	DATE:

<b>SEWER PLAN &amp; PROFILE</b> PARCEL MAP NO. 14678 YUKON WAY & MADERA WAY		ACCOUNT NO. <b>S-1233</b> SHEET 5 OF 5
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'		J.H.H. JOB # 1945