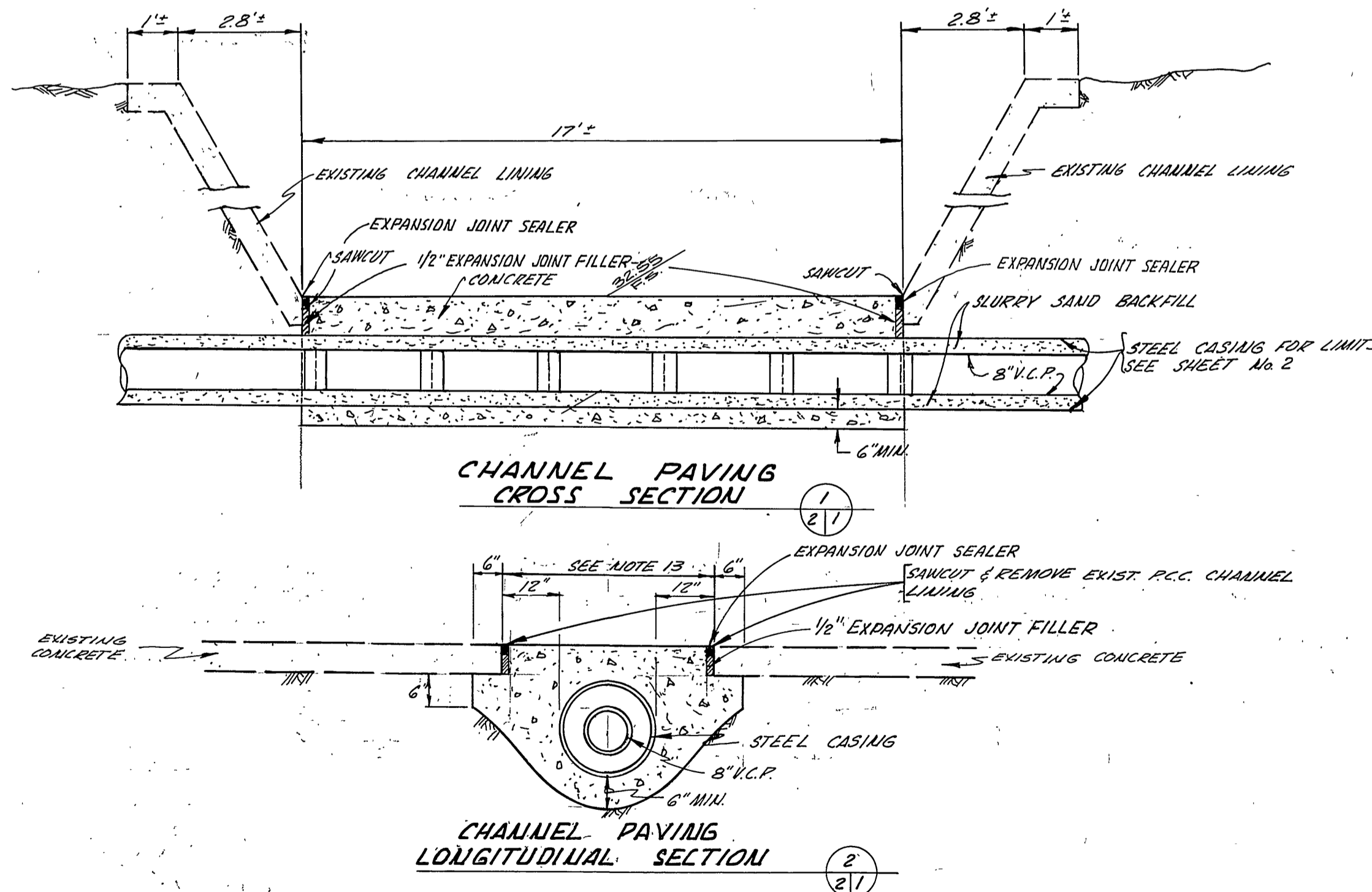
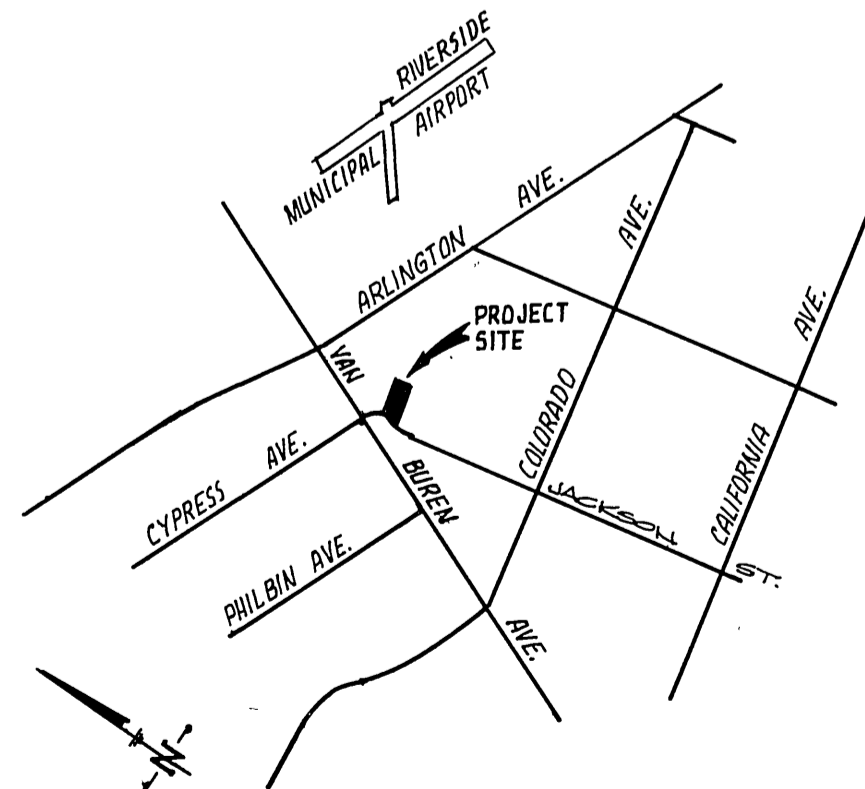


**CONSTRUCTION NOTES & ESTIMATED QUANTITIES**

- ① CONST. 8" V.C.P. SEWER MAIN ----- 470 L.F.
- ② CONST. 4" V.C.P. SEWER LATERAL ----- 475 L.F.
- ③ CONST. MANHOLE PER CITY OF RIVERSIDE STD. DRAWING NO. 500 ----- 3 EA.
- ④ INSTALL 24" DIAM., 3/8" THICK STEEL CASING ----- 50 L.F.

**GENERAL NOTES**

1. Construction shall be in accordance with the "Standard Specifications for Public Works Construction, 1976 Edition", and City of Riverside Standard Drawings.
2. It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of the law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
3. Pipe shall be bedded per Case I, Standard Drawing No. 452, unless otherwise specified on plans.
4. Location of wyes and laterals to be verified at the direction of the owner.
5. All stubs and laterals to be constructed in accordance with Standard Drawing No. 562 stubs shall be plugged and capped.
6. Manhole frames and covers to be set as noted in profile by sewer contractor after final paving of street.
7. Laterals are to be 4" and extended to property line.
8. Prior to construction of sewer, contractor is to expose existing sewer and contact the engineer for verification of existing elevations.
9. All manholes to be constructed per Standard No. 500.
10. 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.
11. All underground utilities and existing improvements are shown as per record information. It shall be the responsibility of the contractor to protect all underground utilities whether shown or not.
12. The contractor shall verify all quantity estimates to his satisfaction prior to bidding.
13. The steel casing shall be jacked for the limits shown on Sheet No. 2 on a grade line that will allow the 8" VCP Sanitary Sewer to be installed to the grade and elevations shown. In case jacking cannot proceed due to the casing hitting an obstruction under the channel or in case the existing channel lining is damaged by the casing being jacked, the existing channel lining shall be removed, the casing jacking shall be completed and the channel lining repaired as indicated.
14. The channel sewer crossing construction shall not commence until April 15, 1977, at the earliest and shall be completed prior to October 15, 1977, at the latest.
15. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.



**BENCHMARK**

CITY OF RIVERSIDE B.M. # 83-B.  
 PE. NAIL IN N.E. CORNER BETWEEN @ ARLINGTON AVE. & SUTLAND AVE. PER REC. 759/58. ELEV. 746.244

**NOTE**

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.

**CHANNEL RECONSTRUCTION  
 DETAIL 'A'**

Shaller & Loehr Associates, Inc.  
 366 San Miguel Drive Suite 311  
 Newport Beach, Ca. 92660 (714) 644-4893

PREPARED UNDER THE SUPERVISION OF  
*Donald O. Loehr*  
 DONALD O. LOEHR, P.E. REG. 20908 10-27-76 DATE

MARK REVISIONS APPR. DATE DESIGNED BY ECH. DRAWN BY ECH. CHECKED BY

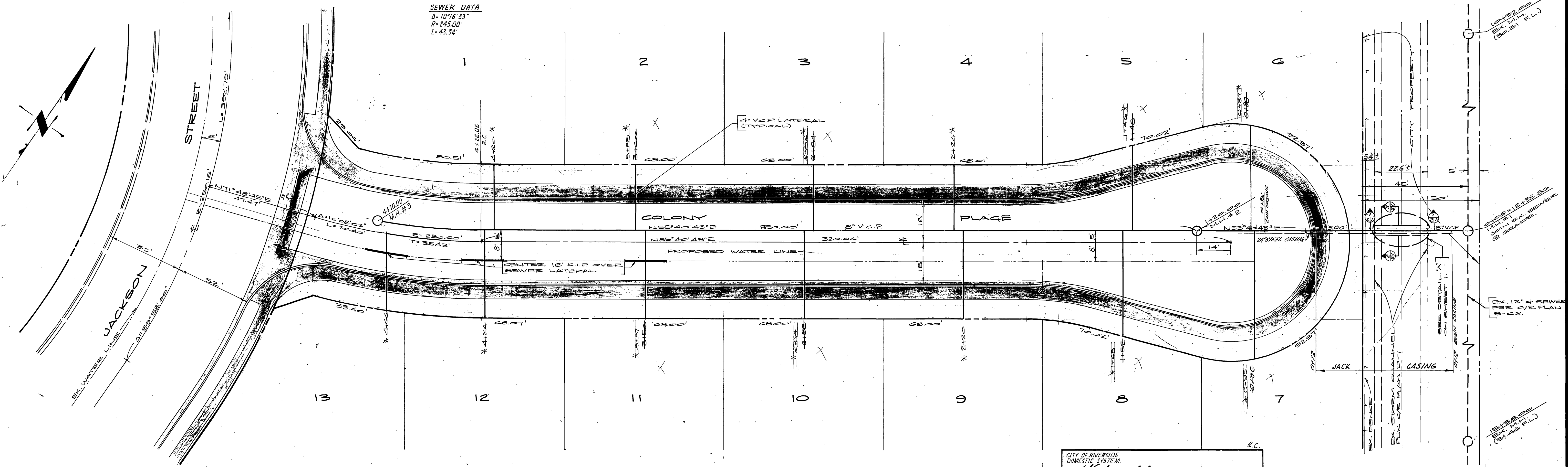
CITY OF RIVERSIDE DOMESTIC SYSTEM  
*Walter J. Hines* 9-30-77  
 CHIEF UTILITIES ENGR., WATER DATE

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	<i>W.D.H.</i>	10/17/77	<i>William D. Hines</i>
PARK DEPARTMENT			DIRECTOR OF PUBLIC WORKS
TRAFFIC DIVISION			
CHIEF P. W. ENGR.			DATE 10/19/77

SEWER INDEX	PROJECT NO.
TRACT NO. 8330	S-1136
HORIZ. SCALE: 1" =	VERT. SCALE: 1" =
	SHEET 1 OF 2
	FILE NO.



SEWER DATA  
 Δ = 10°15'33"  
 R = 245.00'  
 L = 43.94'



**BENCHMARK**  
 CITY OF RIVERSIDE B.M. # 93-E  
 P.K. NAIL IN N.E. CORNER RETURN @ ARLINGTON  
 AVE. & RUTLAND AVE. PER F.B. 739/56.  
 E.L. = 742.244

**Shaller & Lohr Associates, Inc.**  
 366 San Miguel Drive Suite 311  
 Newport Beach, Ca. 92660 (714) 644-4893

PREPARED UNDER THE SUPERVISION OF:  
*Donald J. Lohr* 10-27-76  
 DONALD J. LOHR P.E. 20508 DATE

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE  
 DOMESTIC SYSTEM  
*Wesley High*  
 CHIEF UTILITIES ENGR., WATER DATE 9-30-77

**CITY OF RIVERSIDE, CALIFORNIA**  
**DEPARTMENT OF PUBLIC WORKS**  
 APPROVED BY: *William D. Hardin*  
 DIRECTOR OF PUBLIC WORKS  
 DATE 10/19/77

**SEWER PLAN & PROFILE**  
 TRACT NO. 8330  
 COLONY PLACE  
 HORIZ. SCALE: 1" = 20'  
 VERT. SCALE: 1" = 4'

INDEXED R.R.  
 PROJECT NO.  
**S-1136**  
 SHEET 2 OF 2  
 FILE NO.