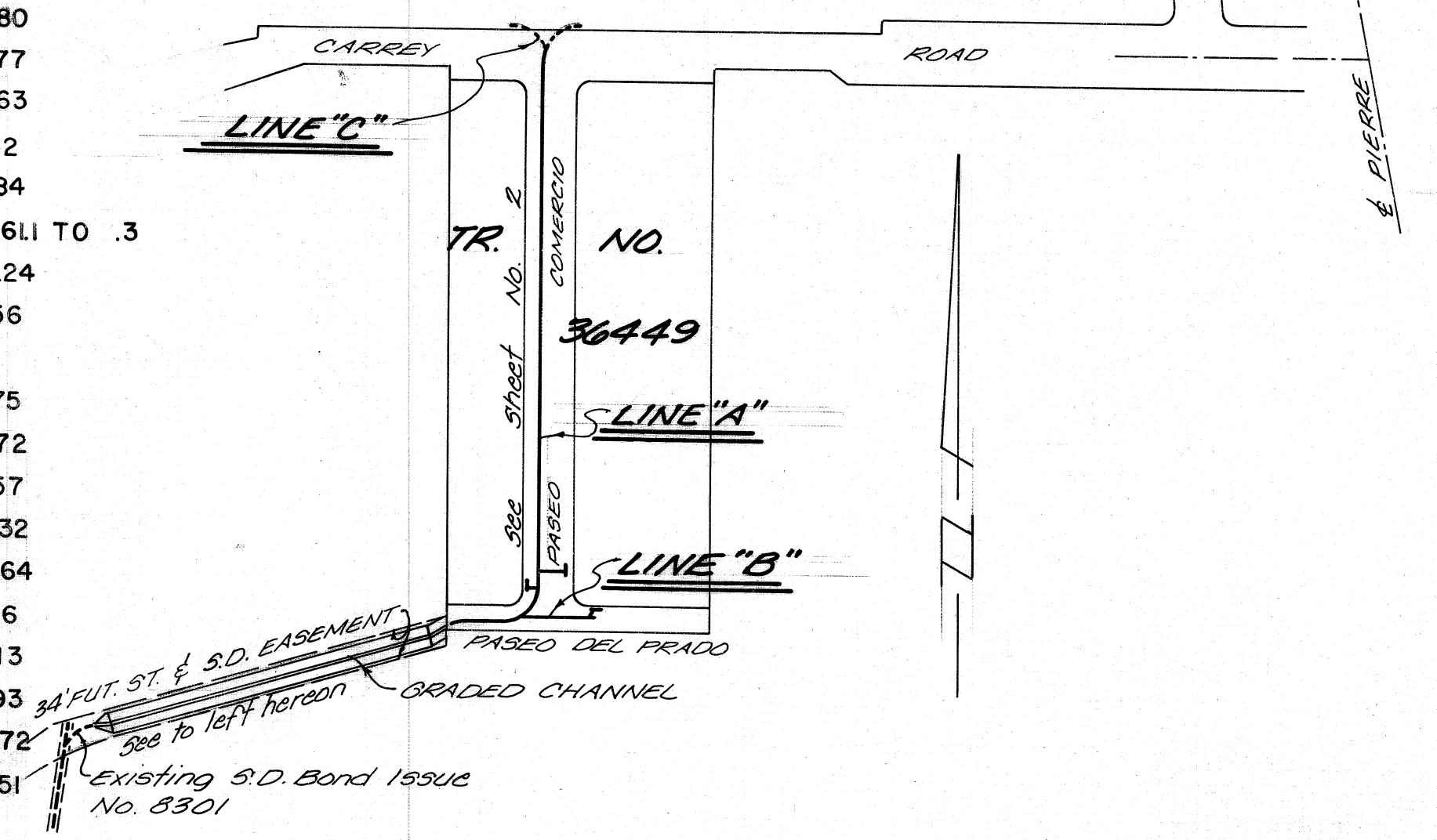


**LIST OF STANDARD PLANS**  
 LOS ANGELES COUNTY ENGINEER  
 LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

PIPE BEDDING	D-54
TYPICAL FENCE, GATE & HEADWALL DETAILS	
FOR CHANNEL WALLS	2-D180
PIPE BEDDING	2-D177
CATCH BASIN NO. 3	2-D163
JUNCTION STRUCTURE NO. 2	2-D112
MANHOLE NO. 2	2-D184
PROTECTION BARRIER	2-D261 TO .3
MONOLITHIC CONNECTION	2-D224
MANHOLE FRAME & COVER FOR CATCH BASINS	2-D156
REMOVABLE PROTECTION BAR FOR CATCH BASINS	2-D175
CATCH BASIN REINFORCEMENT	2-D172
CATCH BASIN REINFORCEMENT FOR ROUND M.H.	2-D157
DETAIL OF CATCH BASIN OPENING	2-D232
ADJUSTABLE PROTECTION BAR STIRRUP	2-D264
STANDARD DROP STEP	2-D96
MANHOLE NO. 4	2-D113
JUNCTION STRUCTURE NO. 4	2-D193
STANDARD 24" MANHOLE FRAME & COVER	2-D472
SEWER ENCASMENT	2-D251

**KEY MAP**  
 SCALE 1"=200'

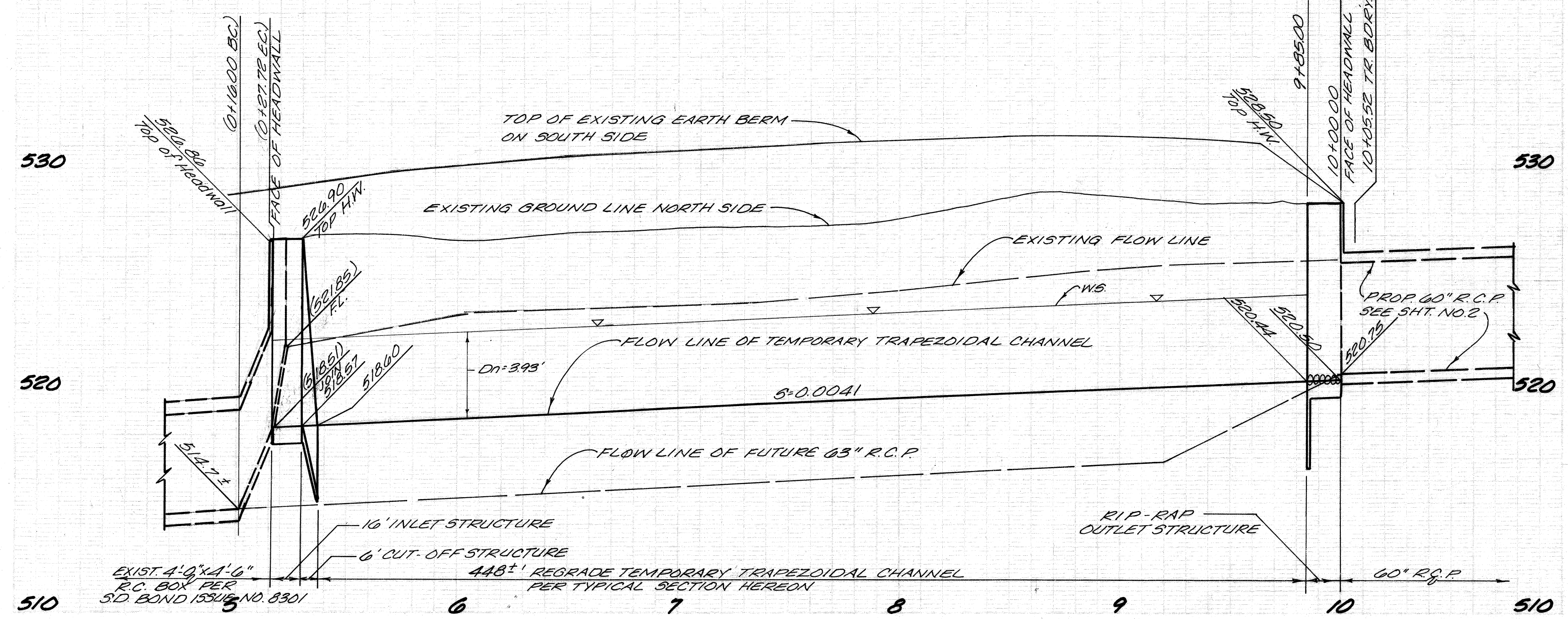


**BENCH MARK**  
 R.O. B.M. TAG IN C.B. 45 FT. N/O B.C.R. 125 FT.  
 N. & 42 FT. W/O & INT. VALLEY BOULEVARD  
 AND NOGALES STREET  
 ELEV. = 547.330 COVINA 1975 B.M. - CG 3431

COUNTY OF LOS ANGELES ROAD DEPARTMENT  
 LOCAL DEPRESSION NO.1 68-01

**NOTES:**

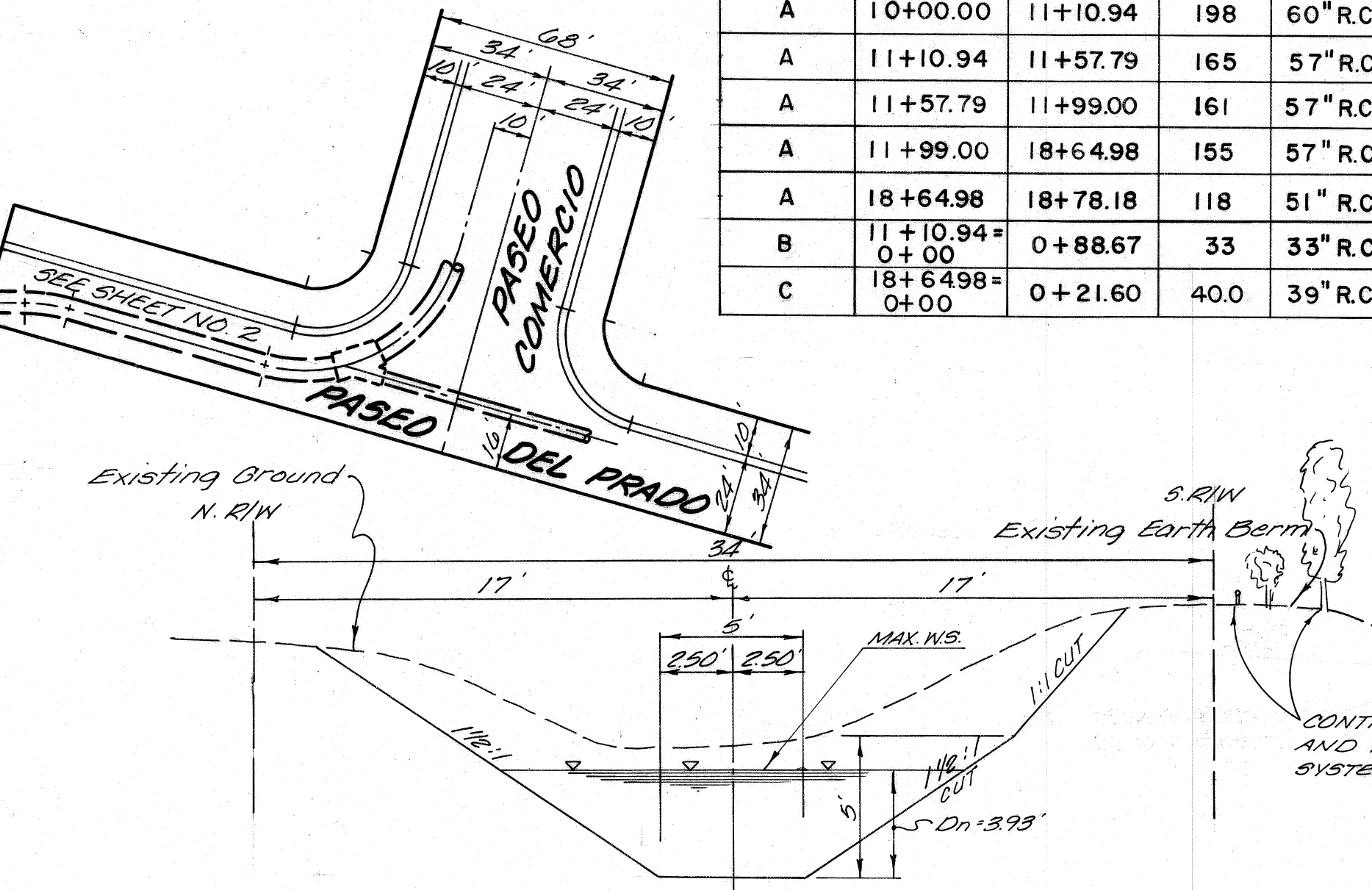
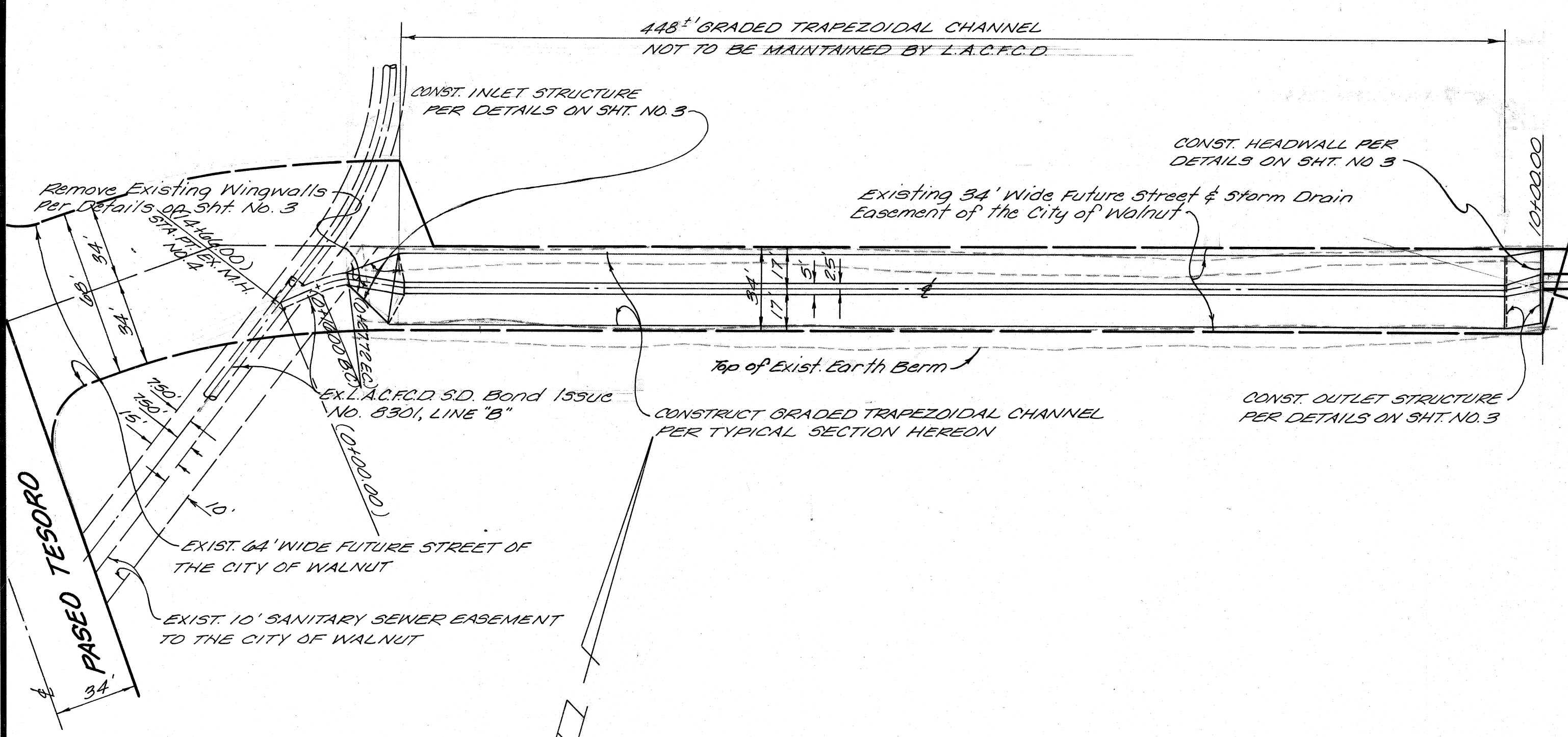
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN SEA LEVEL DATUM OF 1929.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," 1979 EDITION, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE CITY ENGINEER.
- ALL PIPES SHALL BE EMBEDDED A MINIMUM OF 5 INCHES INTO HEADWALLS OR OTHER STRUCTURES.
- REINFORCEMENT SHALL BE REFORMED BARS OF INTER-MEDIATE GRADE STEEL AS PER A.S.T.M. A-615-GRADE 60.
- ALL CONCRETE SHALL BE 3,000 POUNDS PER SQUARE INCH PORTLAND CEMENT CONCRETE.
- THE CONTRACTOR SHALL NOTIFY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, CONTRACT ADMINISTRATION DIVISION BY TELEPHONE AT 226-4206 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- ALL REINFORCED CONCRETE PIPE SHALL BE BEDDED IN ACCORDANCE WITH CASE AD BEDDING PER D-54, UNLESS OTHERWISE SPECIFIED.
- A PERMIT SHALL BE OBTAINED FROM THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT PRIOR TO COMMENCING ANY CONSTRUCTION WORK UNDER THIS CONTRACT. CONTACT THE DISTRICT BY TELEPHONE AT 226-1208 TO OBTAIN AN INSPECTION AND CONNECTION PERMIT AND TO MAKE DEPOSIT FOR CONSTRUCTION INSPECTION BY THE DISTRICT.
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AT LEAST 24 HOURS PRIOR TO ANY REQUIRED CITY INSPECTION. PHONE (714) 595-2279.
- REFER TO STATIONS AND DIMENSIONS FOR STORM DRAIN LOCATIONS.



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

**HYDRAULIC ELEMENTS**

LINE	FROM	TO	Q <sub>25</sub>	CONDUIT	V <sub>Y</sub> /SEC.
EX. L.A.C.F.C.D. BOND ISSUE P.C. BOX	0+00	0+1600BC	214	4'-0" Wx 4'-6" R.C. BOX	11.89
	0+16.00BC	10+00.00	198	TEMP OPEN CHANNEL	4.64
A	10+00.00	11+10.94	198	60" R.C.P.	10.08
A	11+10.94	11+57.79	165	57" R.C.P.	9.31
A	11+57.79	11+99.00	161	57" R.C.P.	9.09
A	11+99.00	18+64.98	155	57" R.C.P.	8.75
A	18+64.98	18+78.18	118	51" R.C.P.	8.32
B	11+10.94 = 0+00	0+88.67	33	33" R.C.P.	5.56
C	18+64.98 = 0+00	0+21.60	40.0	39" R.C.P.	4.82



**GRADED TRAPEZOIDAL CHANNEL SECTION**  
 NO SCALE

GRADE APPROVAL ONLY  
 SUBJECT TO REVISION BY  
 SIX INCHES  
 NOT GOOD FOR BUILDING ELEVATIONS  
 FOR L.A. CO. RD. DEPT.  
 BY \_\_\_\_\_ DATE \_\_\_\_\_

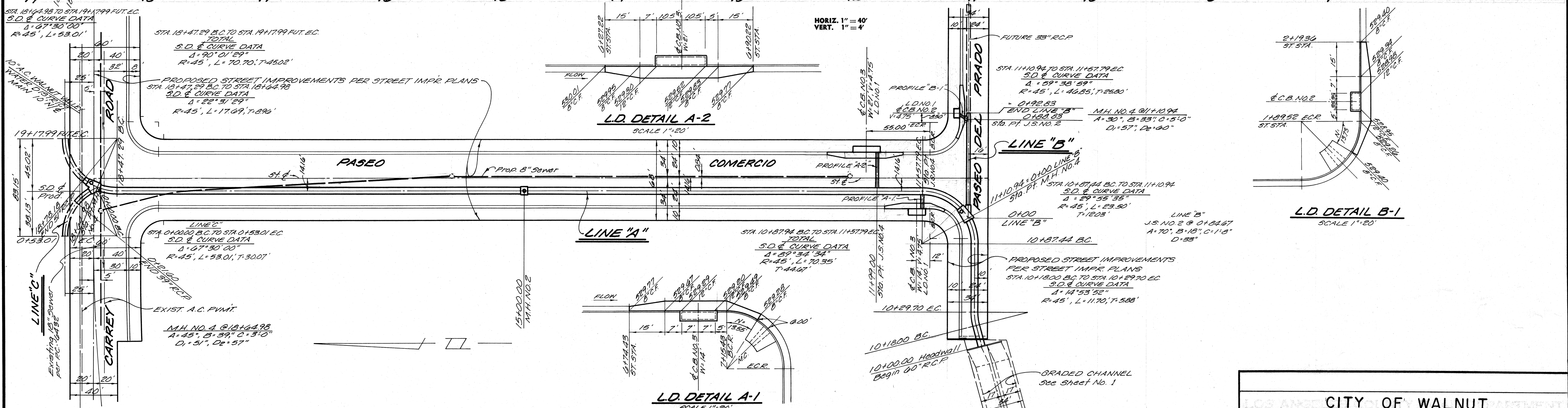
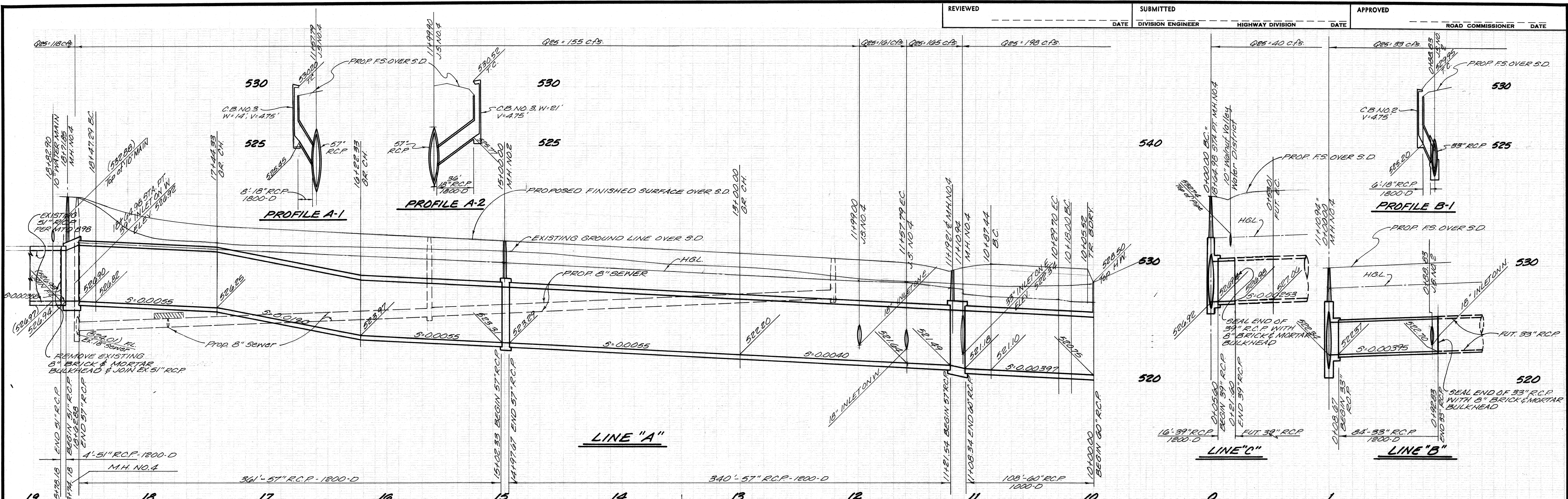
CITY OF WALNUT APPROVED  
 [Signature]  
 CITY ENGINEER R.E. NO.

PLANS PREPARED BY:  
**JENNINGS ENGINEERING CO.**  
 4419 VAN NUYS BLVD. SUITE 200  
 SHERMAN OAKS, CALIF. 91403  
 783-1748  
 SIGNATURE [Signature] R.E. No. 13460  
 CIVIL ENGINEER

**REVISIONS**

REVISIONS	RE. No.	RE. No.	RE. No.
REVISOR BY _____	DATE _____	REVISOR BY _____	DATE _____
APPROVED _____	DATE _____	APPROVED _____	DATE _____

LOS ANGELES CITY OF WALNUT DEPARTMENT  
**MISCELLANEOUS TRANSFER DRAIN**  
 BENCH NO. 900  
 STANDARD NOTES  
 KEY MAP



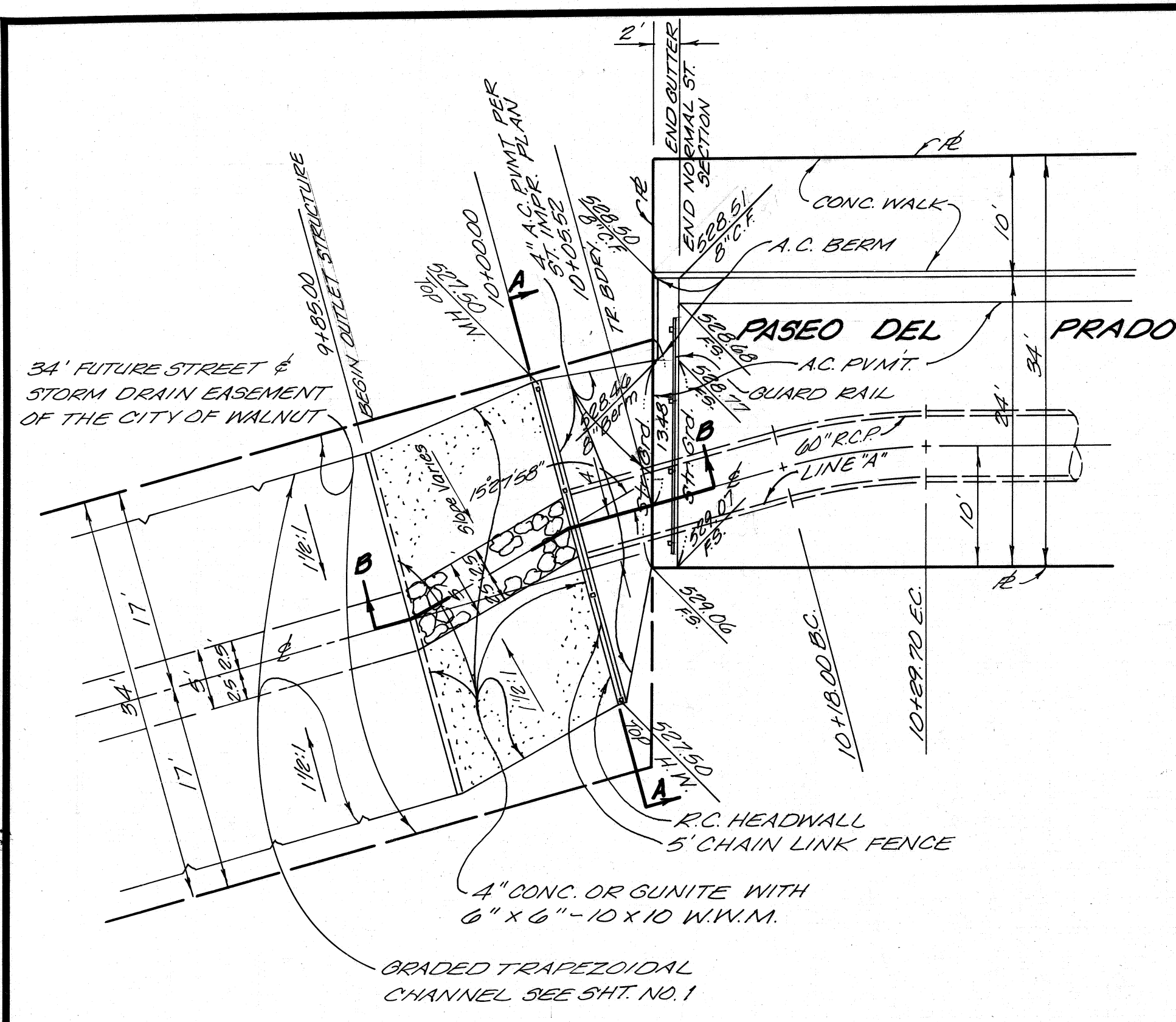
GRADE APPROVAL ONLY  
SUBJECT TO REVISION BY  
SIX INCHES  
NOT GOOD FOR BUILDING ELEVATIONS  
FOR L.A. CO. RD. DEPT.  
BY \_\_\_\_\_ DATE \_\_\_\_\_

CITY OF WALNUT  
APPROVED  
*[Signature]* 7/14/80  
CITY ENGINEER RE NO

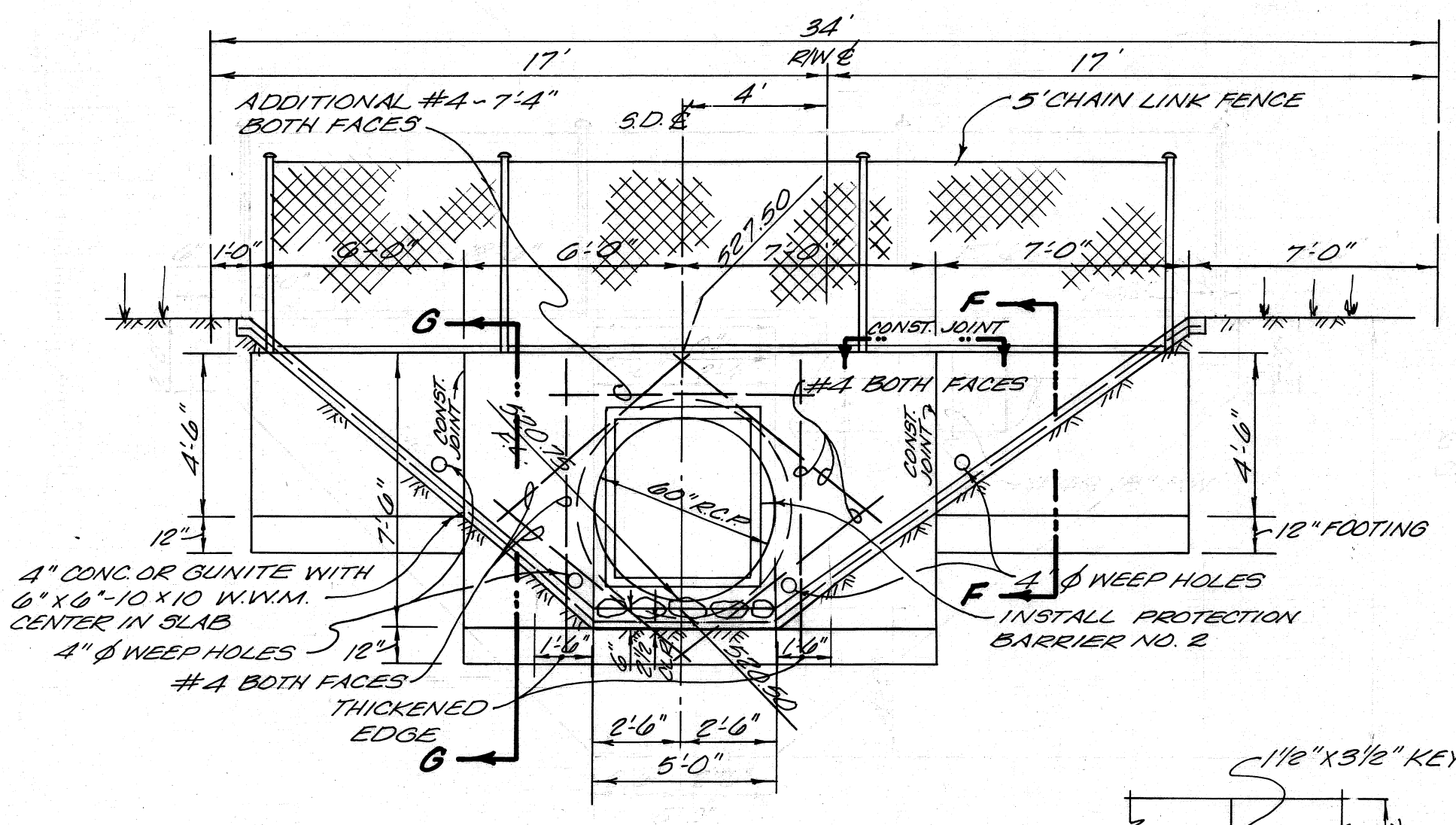
PLANS PREPARED BY:  
**JENNINGS ENGINEERING CO.**  
4419 VAN NUYS BLVD. SUITE 200  
SHERMAN OAKS, CALIF. 91403  
783-1748  
SIGNATURE *[Signature]* B. E. No. 12468  
CIVIL ENGINEER

REVISIONS	
REVISED BY	RE. No.
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE

CITY OF WALNUT  
MISCELLANEOUS TRANSFER DRAIN  
BENCH NO. 900  
STANDARD NOTES  
KEY MAP  
TR. 36449  
SHT 2 of 3 SHTS



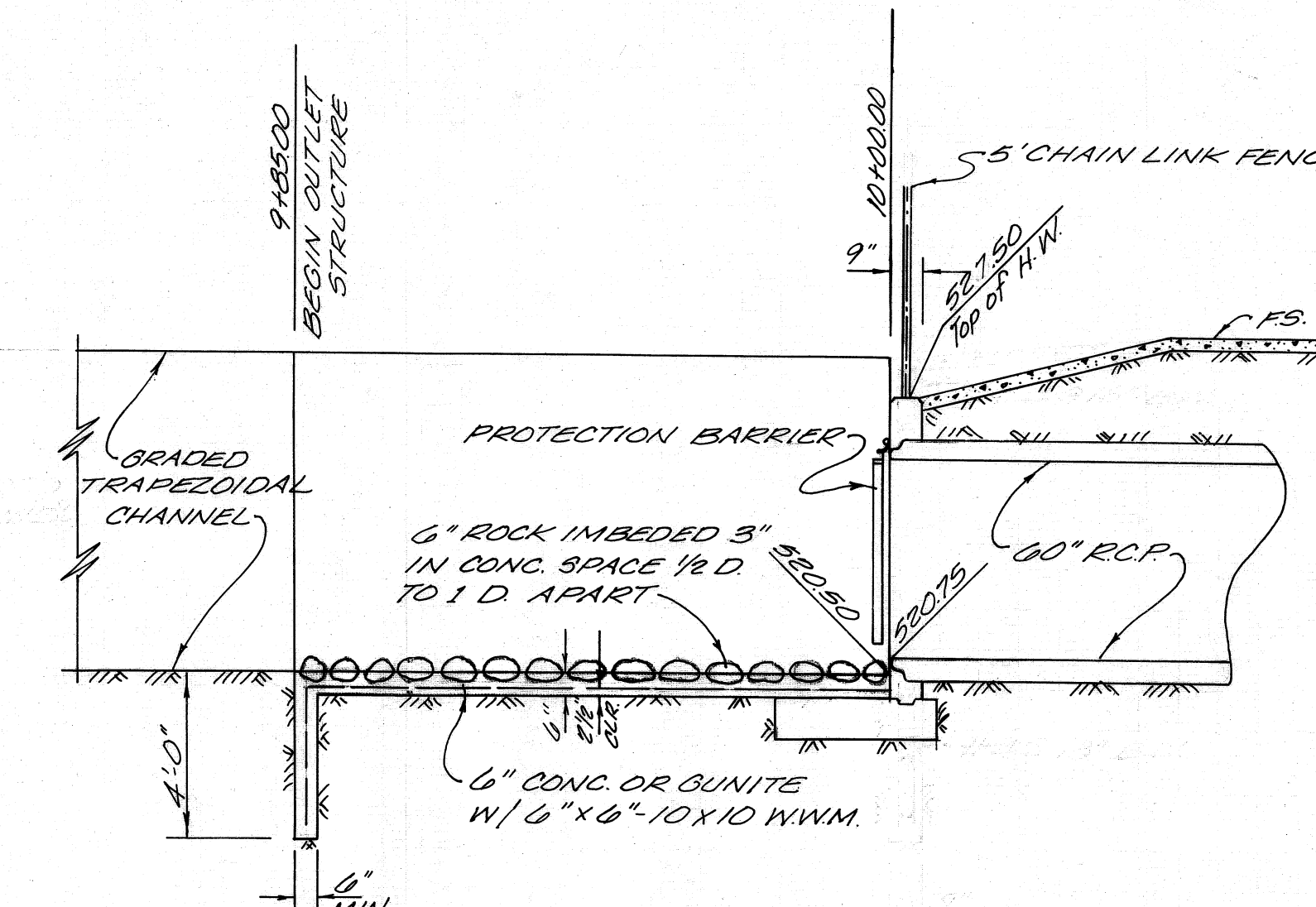
**OUTLET STRUCTURE PLAN**  
SCALE 1"=10'-0"



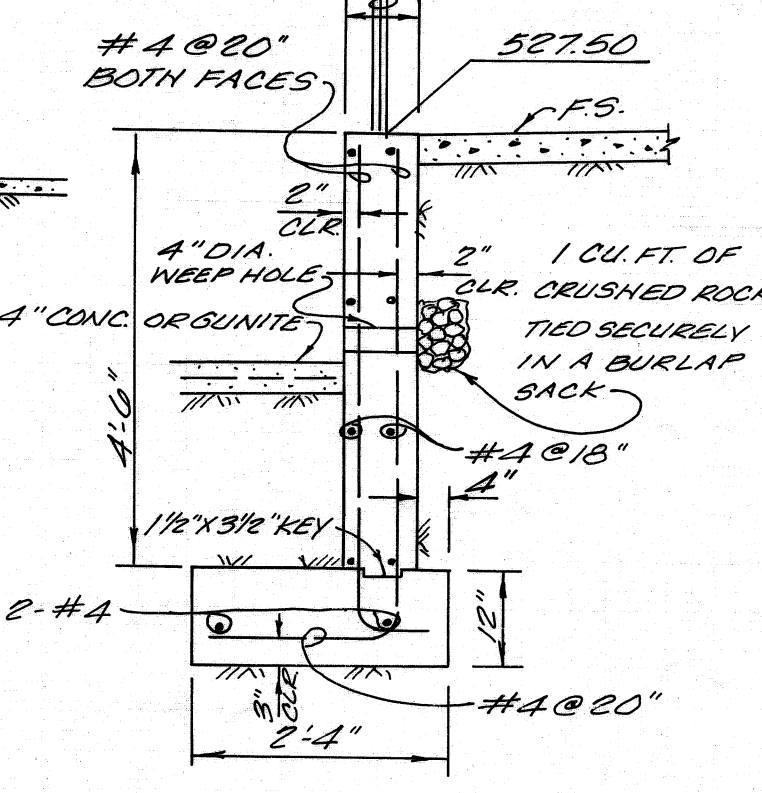
**SECTION A-A**  
SCALE 1"=4'-0"



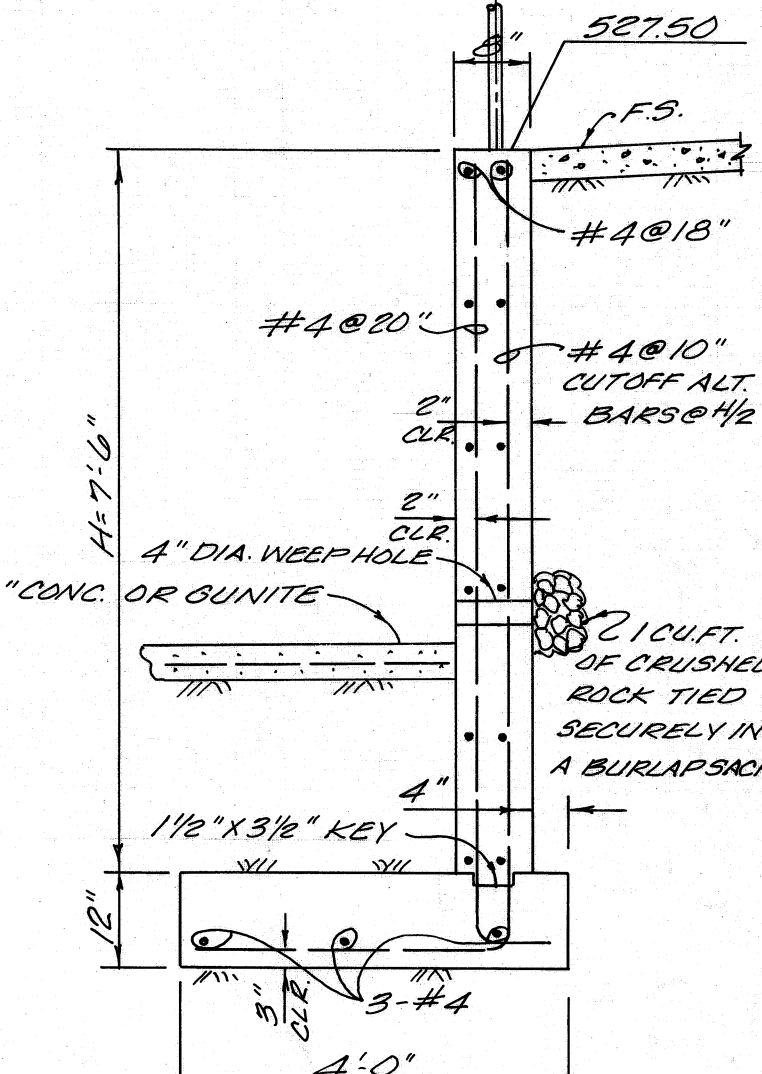
**CONSTRUCTION JOINT DETAIL**  
NO SCALE



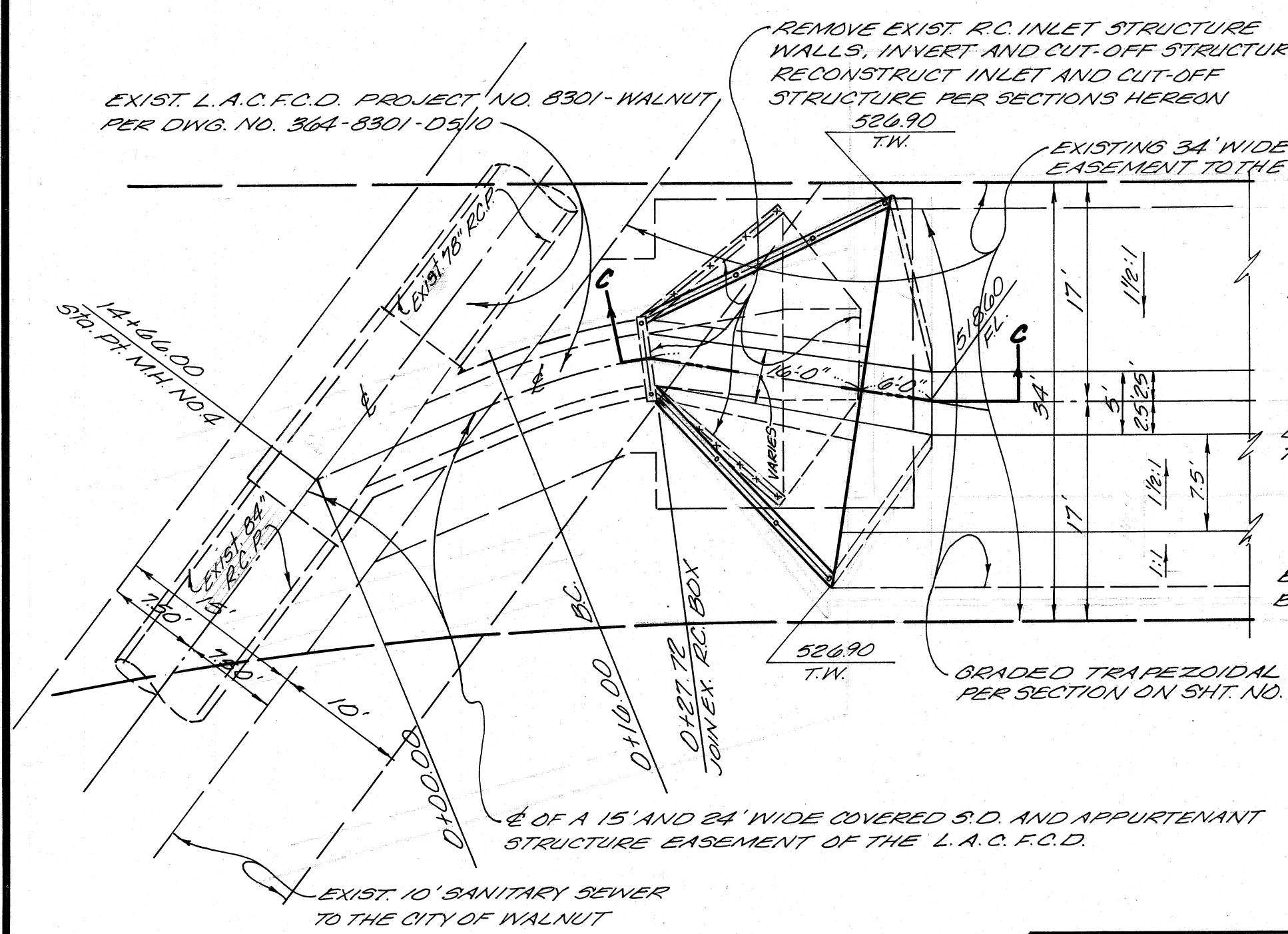
**SECTION B-B**  
SCALE 1"=4'-0"



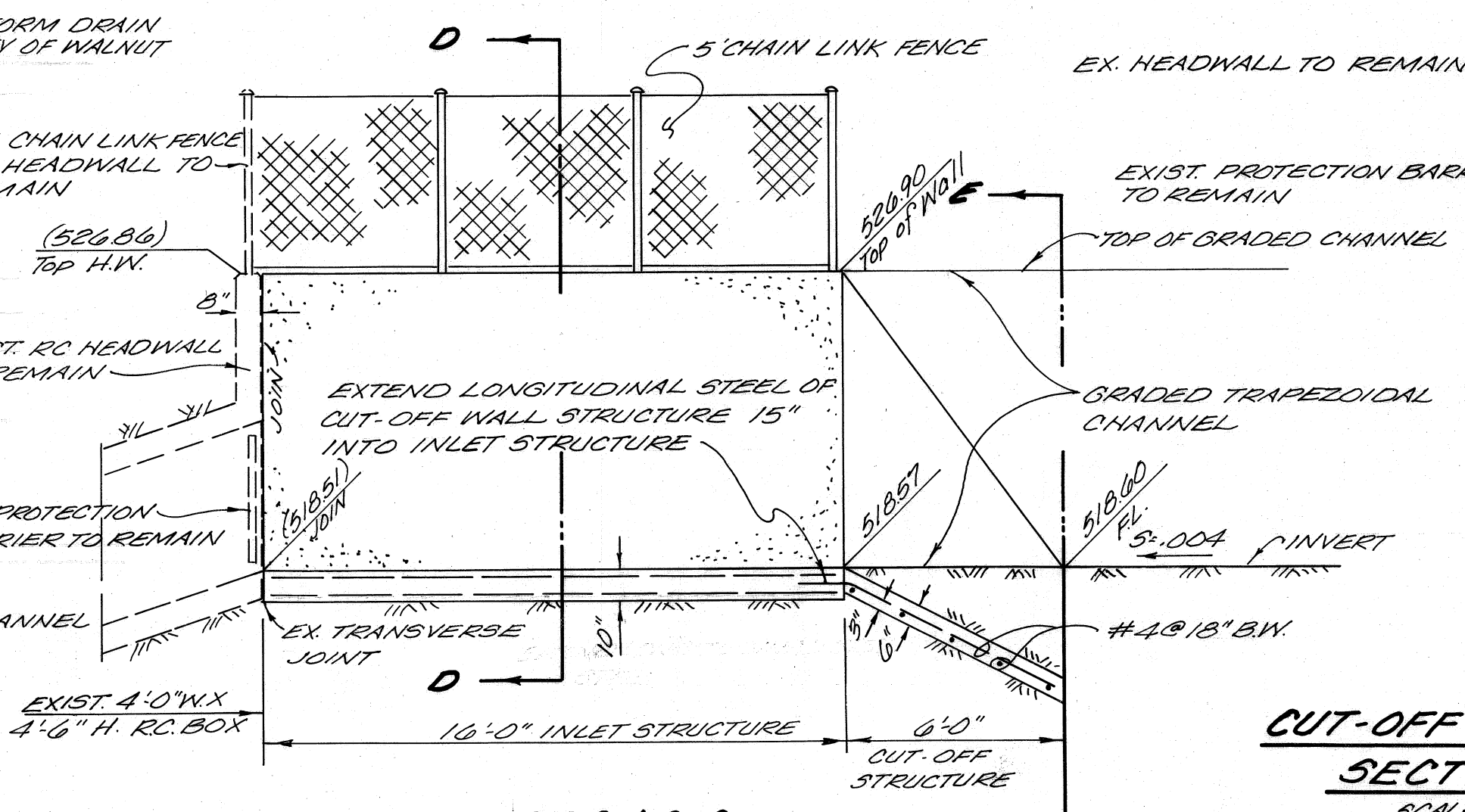
**SECTION F-F**  
SCALE 1"=2'-0"



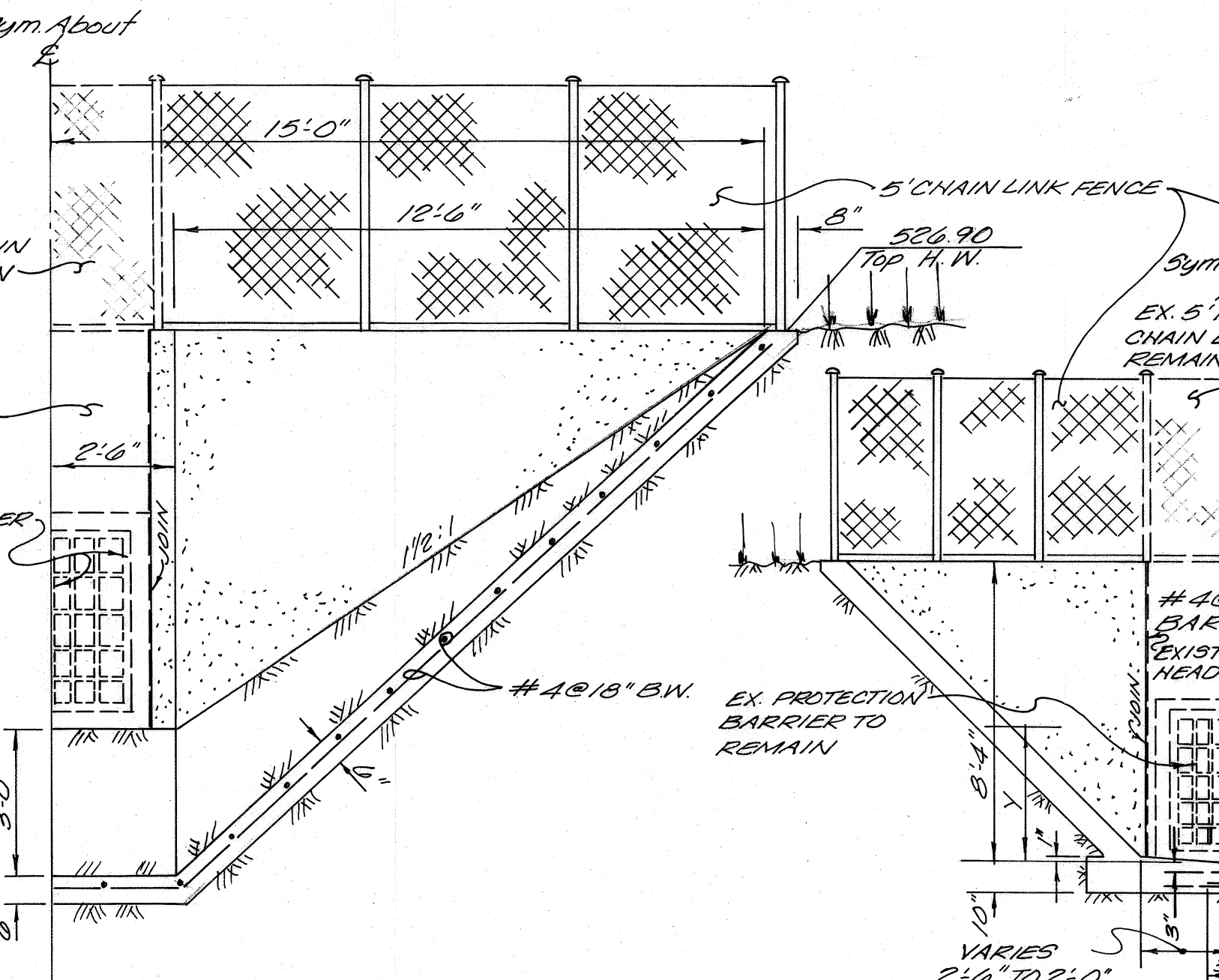
**SECTION G-G**  
SCALE 1"=2'-0"



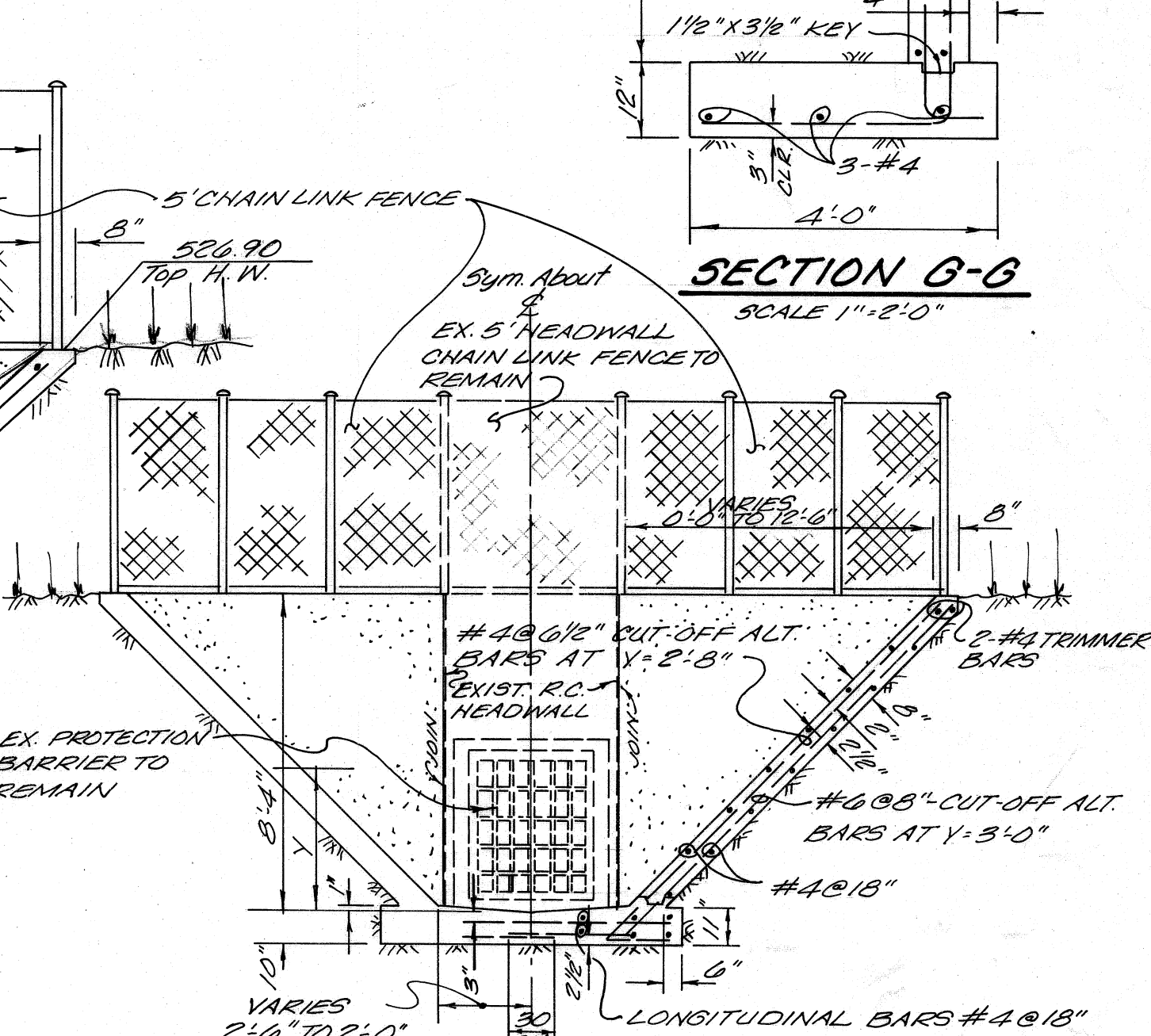
**INLET STRUCTURE PLAN**  
SCALE 1"=10'-0"



**SECTION C-C**  
SCALE 1"=4'-0"



**CUT-OFF STRUCTURE SECTION E-E**  
SCALE 1"=3'-0"



**INLET STRUCTURE SECTION D-D**  
SCALE 1"=4'-0"

GRADE APPROVAL ONLY  
SUBJECT TO REVISION BY  
SIX INCHES  
NOT GOOD FOR BUILDING ELEVATIONS  
FOR L.A. CO. RD. DEPT.  
BY \_\_\_\_\_ DATE \_\_\_\_\_

**INLET STRUCTURE PLAN**  
SCALE 1"=10'-0"

CITY OF WALNUT  
APPROVED  
*[Signature]* 7/14/80  
CITY ENGINEER RE NO.

PLANS PREPARED BY:  
**JENNINGS ENGINEERING CO.**  
4419 VAN NUYS BLVD SUITE 200  
SHERMAN OAKS, CALIF. 91403  
783-1748  
SIGNATURE *[Signature]* R. E. No. 13168  
CIVIL ENGINEER

REVISIONS			
REVISED BY	RE. No.	REVISED BY	RE. No.

LOS ANGELES CITY OF WALNUT  
MISCELLANEOUS TRANSFER DRAIN  
BENCH NO. 900  
STANDARD NOTES  
KEY MAP