

# RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

## GENERAL NOTES

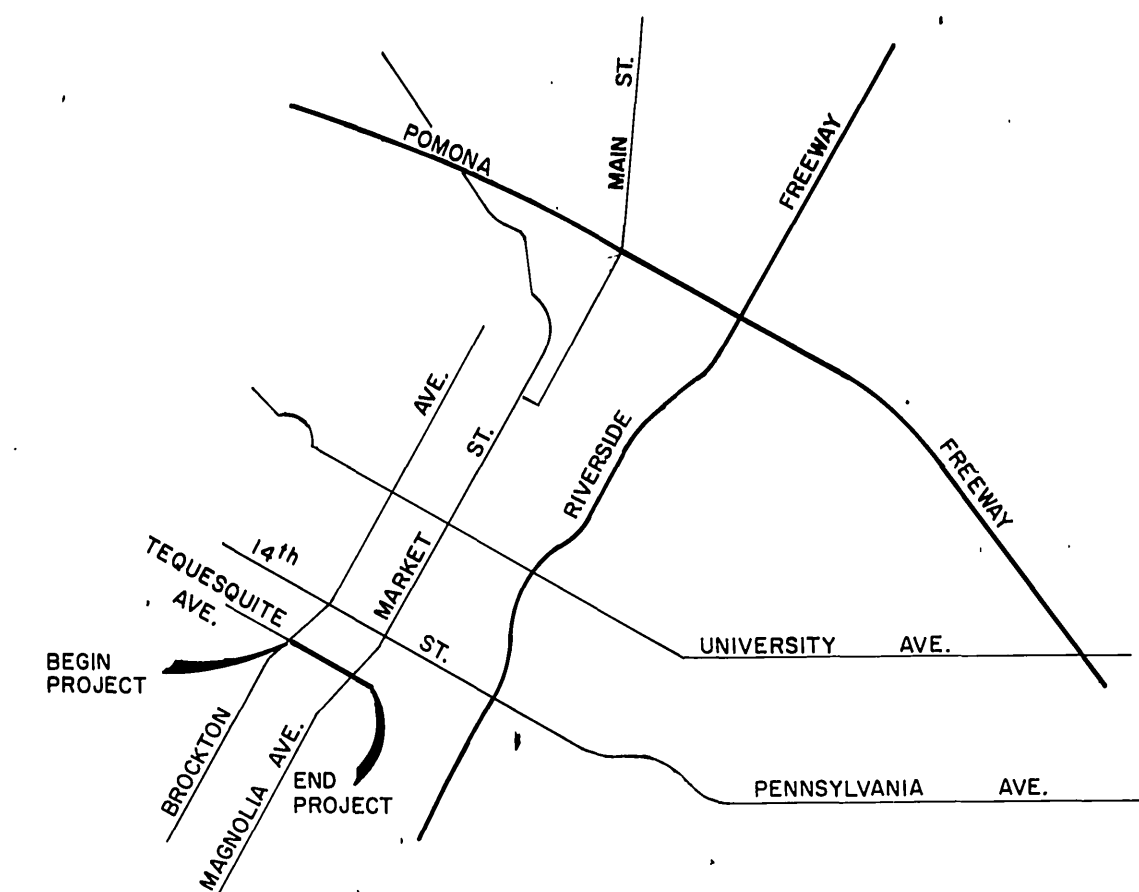
- ELEVATIONS SHOWN ARE IN FEET ABOVE THE USGS MEAN SEA LEVEL DATUM.
- LOCATIONS OF CATCH BASIN CONNECTOR PIPE JUNCTIONS WITH CATCH BASINS AS SHOWN ON THE DRAWINGS ARE SCHEMATIC. IT IS INTENDED THAT SUCH JUNCTIONS BE LOCATED AT THE DOWNSTREAM END OF THE BASINS UNLESS SHOWN OTHERWISE. IN ALL CASES, THE EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- ALL OPENINGS RESULTING FROM CUTTING OR PARTIAL REMOVAL OF EXISTING CULVERTS, PIPES, OR SIMILIAR STRUCTURES SHALL BE SEALED WITH 6 INCHES OF CLASS "B" CONCRETE, NOTED ON THE DRAWINGS AS "PLUG".
- ALL CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS, AND OTHER IMPROVEMENTS SHALL BE RECONSTRUCTED TO THEIR ORIGINAL GRADE, ELEVATION, AND LOCATION UNLESS OTHERWISE NOTED.
- SOIL TEST BORINGS FOR THIS PROJECT WERE MADE IN SEPTEMBER 1971.
- PIPE CONNECTIONS TO MAINLINE R.C.B. SHALL CONFORM TO STANDARD DRAWING JS 228, J.S. NO. 3, UNLESS OTHERWISE NOTED.
- WHERE REQUIRED, CONCRETE PIPE COLLARS ARE SHOWN ON THE APPROPRIATE PROFILE.
- PAVEMENT REPLACEMENT SHALL BE 3" OF ASPHALTIC CONCRETE ON 6" OF CLASS 3 BASE IN BROCKTON AVE. AND 4" OF ASPHALTIC CONCRETE ON 6" OF CLASS 3 BASE IN MAGNOLIA AVE.
- "V" IS THE DEPTH OF CATCH BASINS IN SERIES MEASURED FROM TOP OF CURB TO INVERT OF INLET CONNECTOR PIPE.
- CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.
- FOR TIE DETAILS REFER TO SHEET 10.
- FOR RIGHT OF WAY AND TEMPORARY CONSTRUCTION EASEMENT DATA REFER TO SHEETS 11 THRU 14.

## INDEX

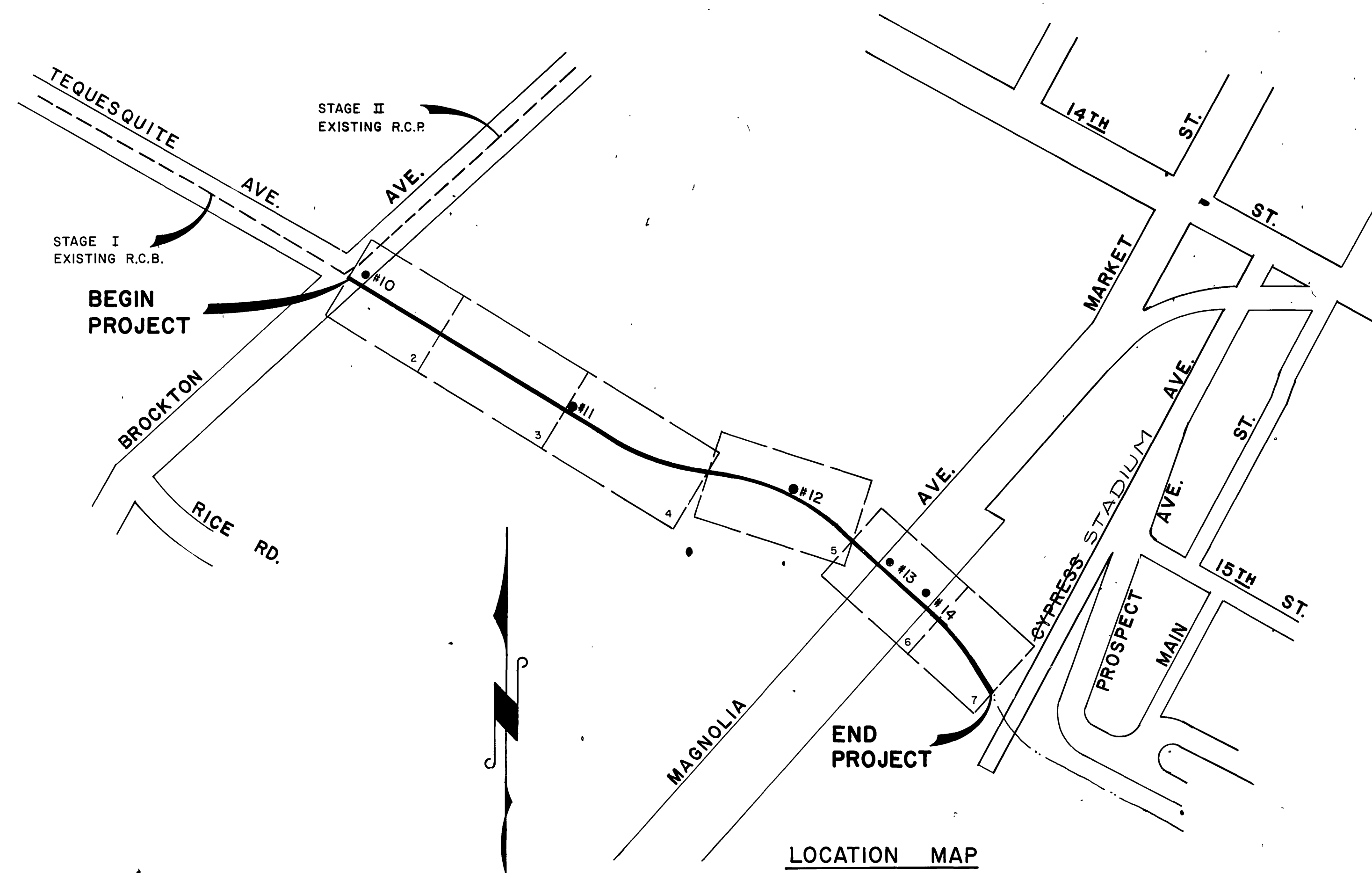
TITLE SHEET	SHEET NO.
MAIN LINE PLAN AND PROFILE	1
CONNECTOR PIPE PROFILES	2-7
MISCELLANEOUS DETAILS	8
TIE DETAILS	9
R W & TEMPORARY EASEMENTS	10-14
TRAFFIC PLANS	15

## R.C.F.C. & W.C.D. STANDARD DRAWINGS

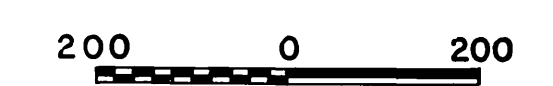
CB 100	CATCH BASIN NO. 1	16
CB 103	MANHOLE FRAME & COVER FOR CATCH BASINS	17
CB 105	DETAIL OF CATCH BASIN OPENING	18
CB 106	CATCH BASIN REINFORCEMENT	19
LD 201	LOCAL DEPRESSION NO. 2	20
JS 226	JUNCTION STRUCTURE NO. 1	21
JS 228	JUNCTION STRUCTURE NO. 3	22
MH 253	MANHOLE NO. 3	23
MH 255	MANHOLE FRAME & COVER, NON-ROCKING	24
MH 257	MANHOLE SHAFT FOR CAST PIPE	25
MH 259	STANDARD DROP STEP	26
TS 301	TRANSITION STRUCTURE NO. 1	27
TS 302	TRANSITION STRUCTURE NO. 2	28
CH 326	TRAPEZOIDAL CHANNEL DETAILS	29
CH 329	TRANSITION STRUCTURAL DETAILS	30
BX 401	SINGLE CELL R.C.B. STRUCTURAL DETAILS	31
M 801	CHAIN LINK FENCE DETAILS	32
M 803	CONCRETE COLLAR	33
M 814	ABBREVIATIONS AND SYMBOLS	34
M 815	BEDDING AND PAYLINES	35



CITY OF RIVERSIDE  
VICINITY MAP  
NO SCALE

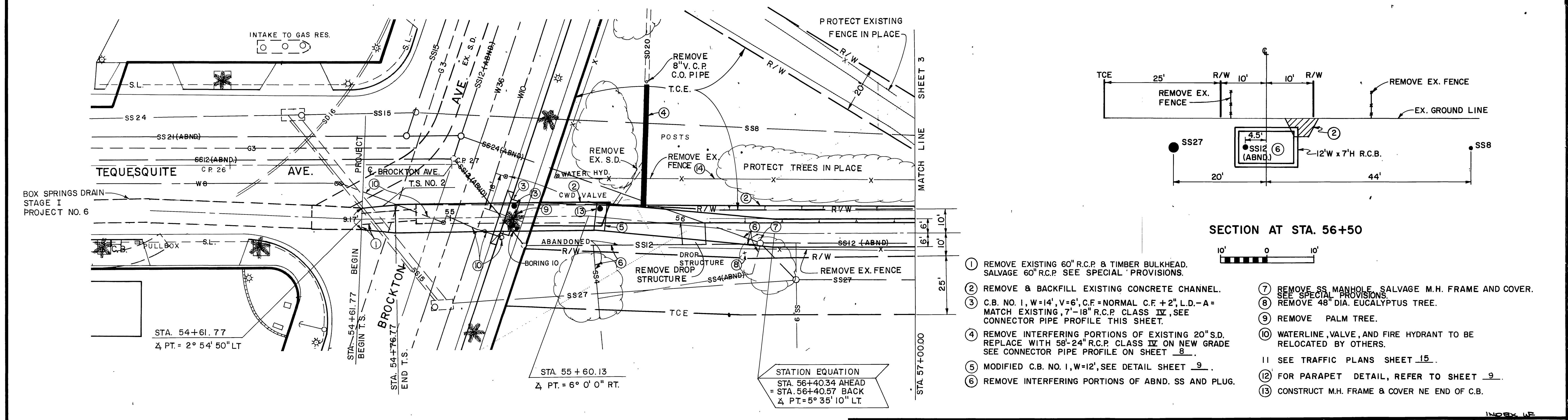
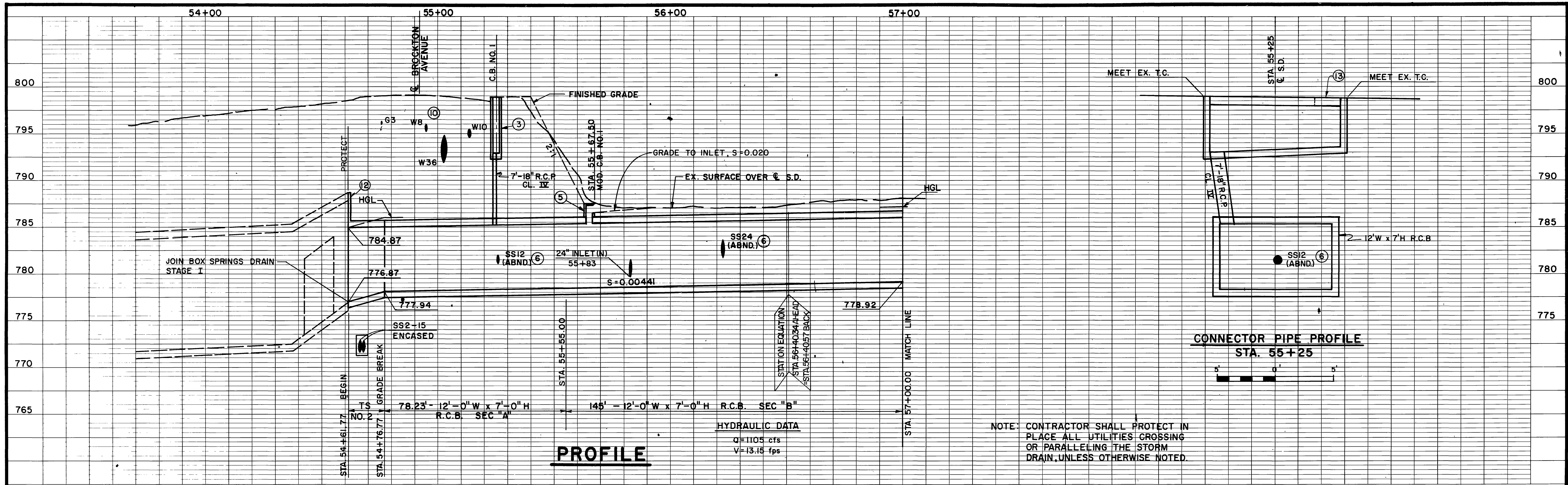


LOCATION MAP



REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		INDEX	
REF.	DESCRIPTION	APPR. DATE	DESIGNED BY: R.M.	APPROVED BY:	PROJECT NO.	1-0-220.
			DRAWN BY: R.A.S.	<i>John W. Berglund</i>	DRAWING NO.	1-328
			DATE DRAWN:	CHIEF ENGINEER R.E. NO. 8822	SHEET NO.	1 OF 35
			CHECKED BY:	DATE: 6-2-76	1970 STORM DRAIN BOND ISSUE PROJECT NO. 6	

AS BUILT



- ① REMOVE EXISTING 60" R.C.P. & TIMBER BULKHEAD. SALVAGE 60" R.C.P. SEE SPECIAL PROVISIONS.
- ② REMOVE & BACKFILL EXISTING CONCRETE CHANNEL.
- ③ C.B. NO. 1, W=14', V=6', C.F.=NORMAL C.F. + 2", L.D.-A = MATCH EXISTING, 7'-18" R.C.P. CLASS IV, SEE CONNECTOR PIPE PROFILE THIS SHEET.
- ④ REMOVE INTERFERING PORTIONS OF EXISTING 20" S.D. REPLACE WITH 58"-24" R.C.P. CLASS IV ON NEW GRADE SEE CONNECTOR PIPE PROFILE ON SHEET 8.
- ⑤ MODIFIED C.B. NO. 1, W=12', SEE DETAIL SHEET 9.
- ⑥ REMOVE INTERFERING PORTIONS OF ABND. SS AND PLUG.
- ⑦ REMOVE SS MANHOLE. SALVAGE M.H. FRAME AND COVER. SEE SPECIAL PROVISIONS.
- ⑧ REMOVE 48" DIA. EUCALYPTUS TREE.
- ⑨ REMOVE PALM TREE.
- ⑩ WATERLINE, VALVE, AND FIRE HYDRANT TO BE RELOCATED BY OTHERS.
- 11 SEE TRAFFIC PLANS SHEET 15.
- ⑫ FOR PARAPET DETAIL, REFER TO SHEET 9.
- ⑬ CONSTRUCT M.H. FRAME & COVER NE END OF C.B.

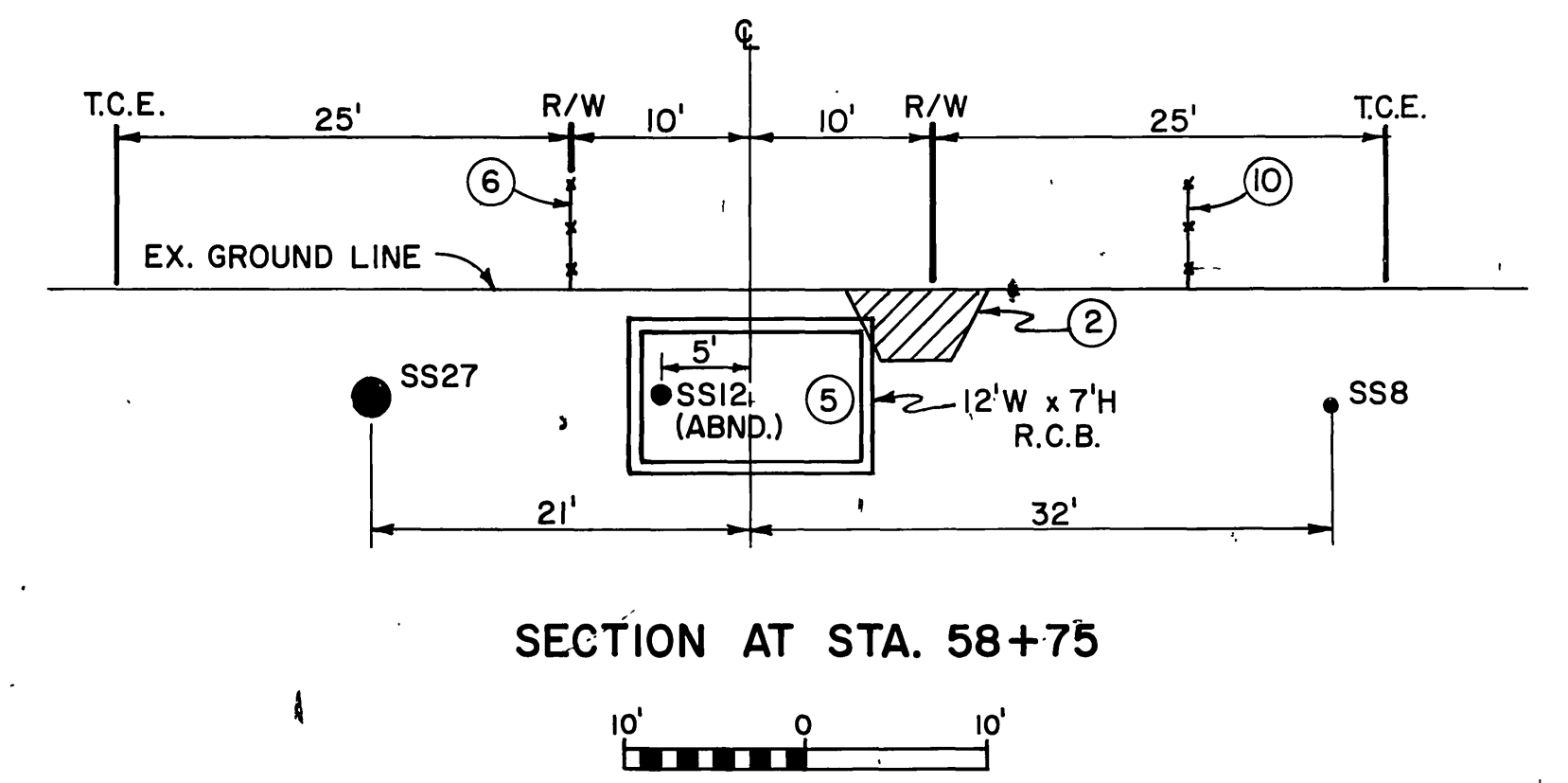
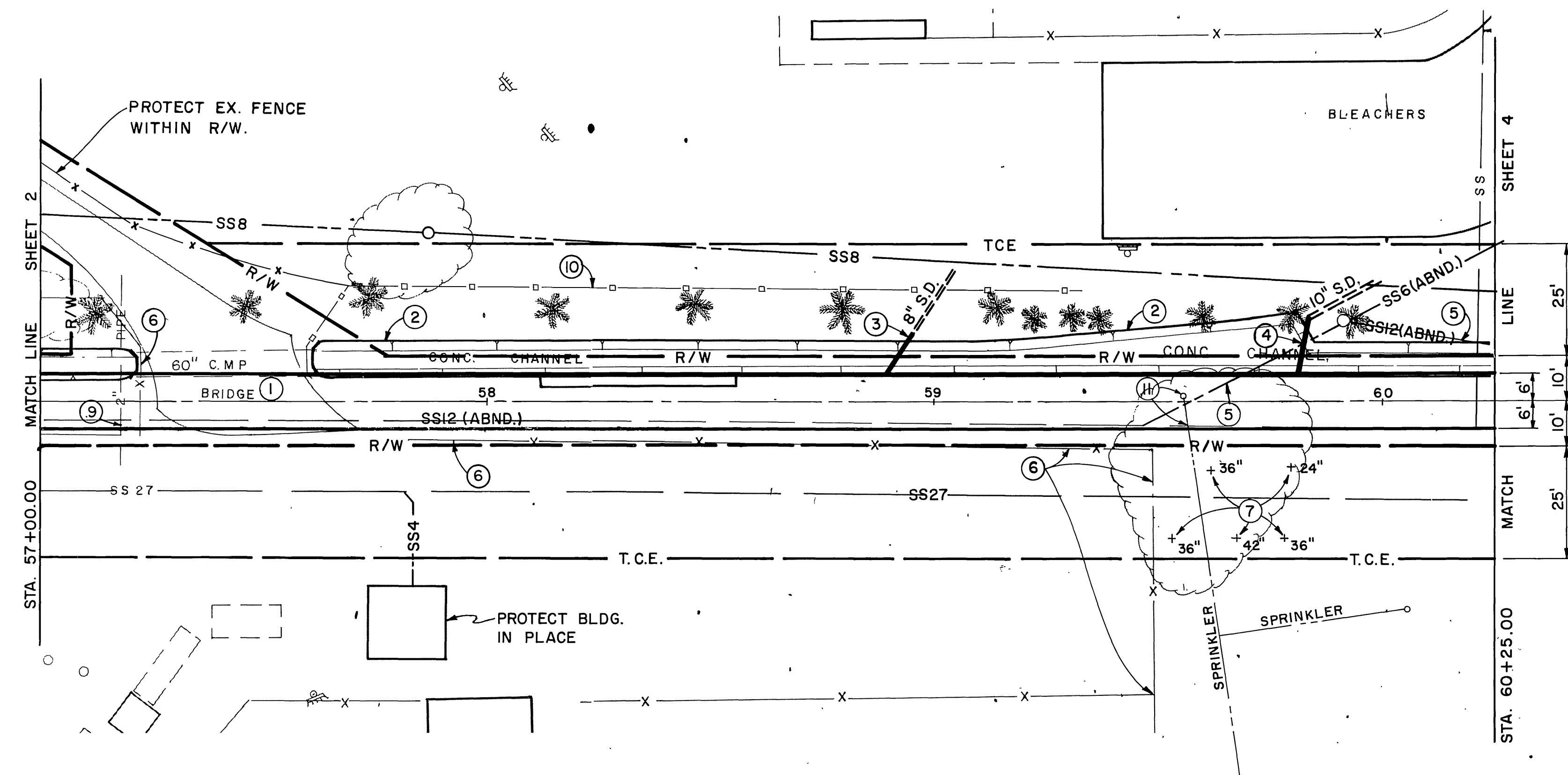
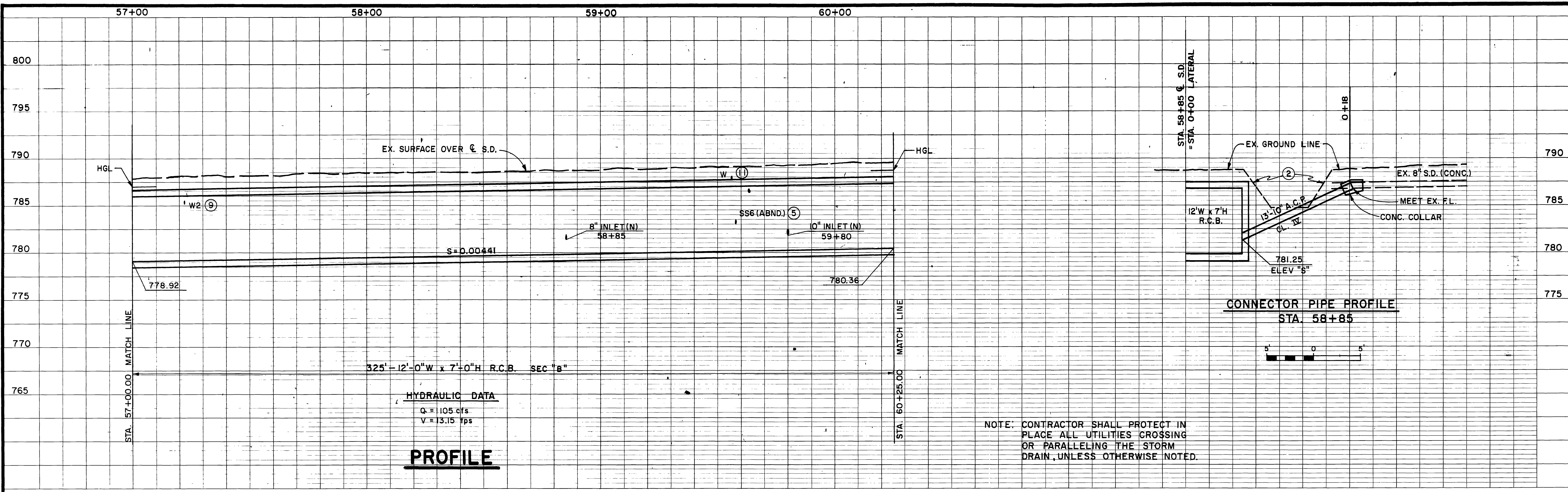
REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
REF.	DESCRIPTION	APPR. DATE	DESIGNED BY: R.M.	APPROVED BY:
	Alignment changed from Sta 54+61.77 to Sta 56+40.57		DRAWN BY: R.A.S.	DATE: 1-2-76
	No Change		DATE DRAWN:	CHEF ENGINEER R.E. NO. 8822
			CHECKED BY:	

**BOX SPRINGS DRAIN**  
**EVANS PARK LATERAL**  
STA. 54+61.77 TO STA. 57+00.00  
1970 STORM DRAIN BOND ISSUE PROJECT NO. 6

PROJECT NO. 1-0-220  
DRAWING NO. 1-328  
SHEET NO. 2 OF 35

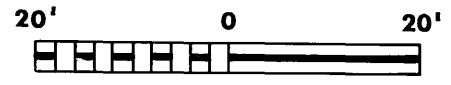
AS BUILT

D-318



- ① REMOVE 60" C.M.P. BRIDGE.
- ② REMOVE AND BACKFILL EXISTING CONCRETE CHANNEL.
- ③ REMOVE INTERFERING PORTIONS OF EXISTING 8" S.D. REPLACE WITH 13'-10" A.C.P. ON NEW GRADE. SEE CONNECTOR PIPE PROFILE THIS SHEET.
- ④ REMOVE INTERFERING PORTIONS OF EXISTING 10" S.D. REPLACE WITH 13'-10" A.C.P. ON NEW GRADE. SEE CONNECTOR PIPE PROFILE ON SHEET 8.
- ⑤ REMOVE INTERFERING PORTIONS OF ABND. SS AND PLUG. SALVAGE M.H. FRAME & COVER. SEE SPECIAL PROVISIONS. REMOVE & SALVAGE EXISTING CHAIN LINK FENCE. DELIVER TO SERVICE YARD, RIVERSIDE PARK & RECREATION DEPARTMENT, 2225 MARKET ST., RIVERSIDE, CA.
- ⑥
- ⑦ PROTECT IN PLACE EUCALYPTUS TREES.
- ⑧ PROTECT PALM TREES IN PLACE.
- ⑨ RELOCATE W2.
- ⑩ REMOVE & REPLACE STAKE FENCE.
- ⑪ REMOVE & REPLACE INTERFERING PORTIONS OF SPRINKLER SYSTEM.

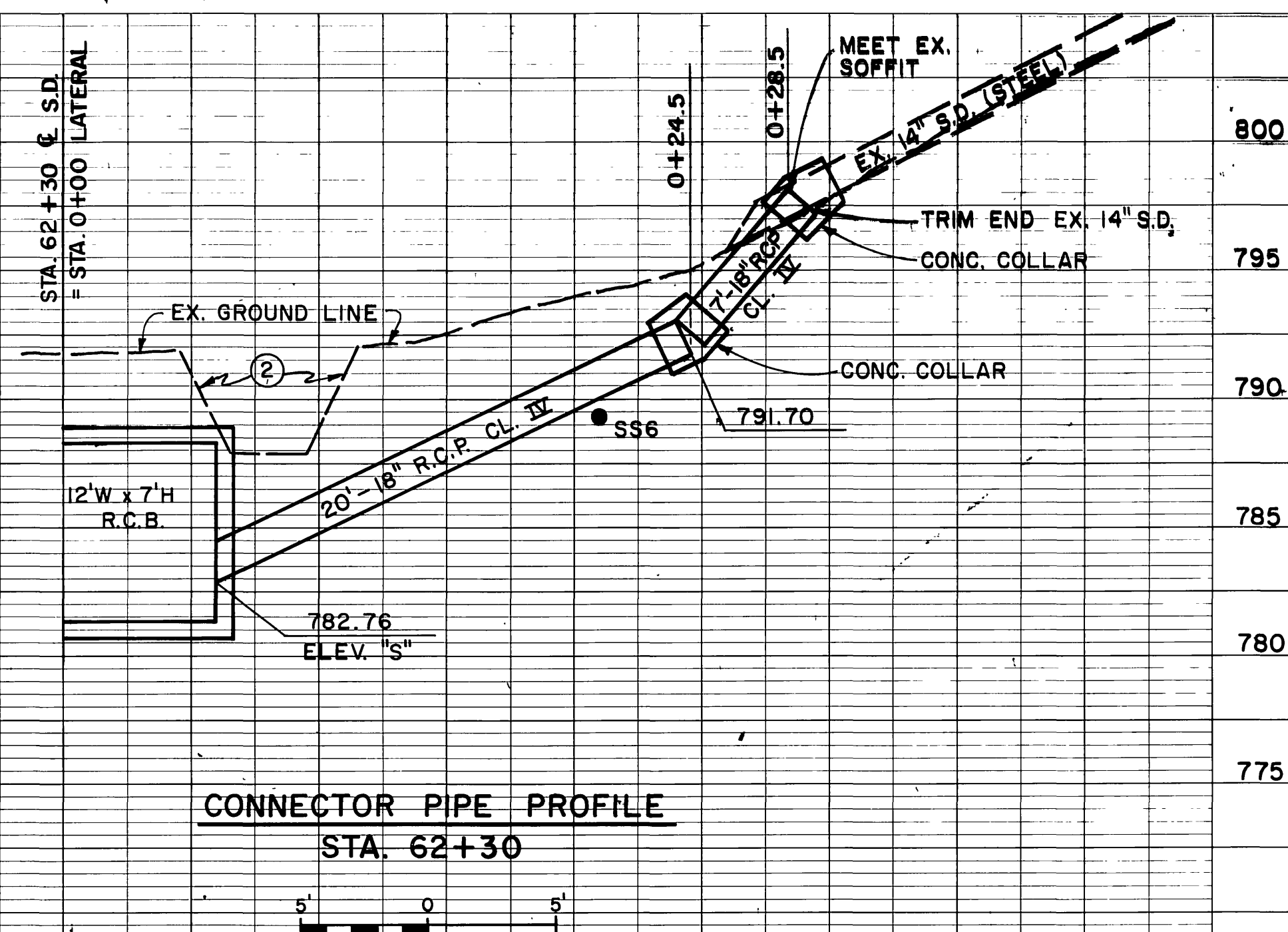
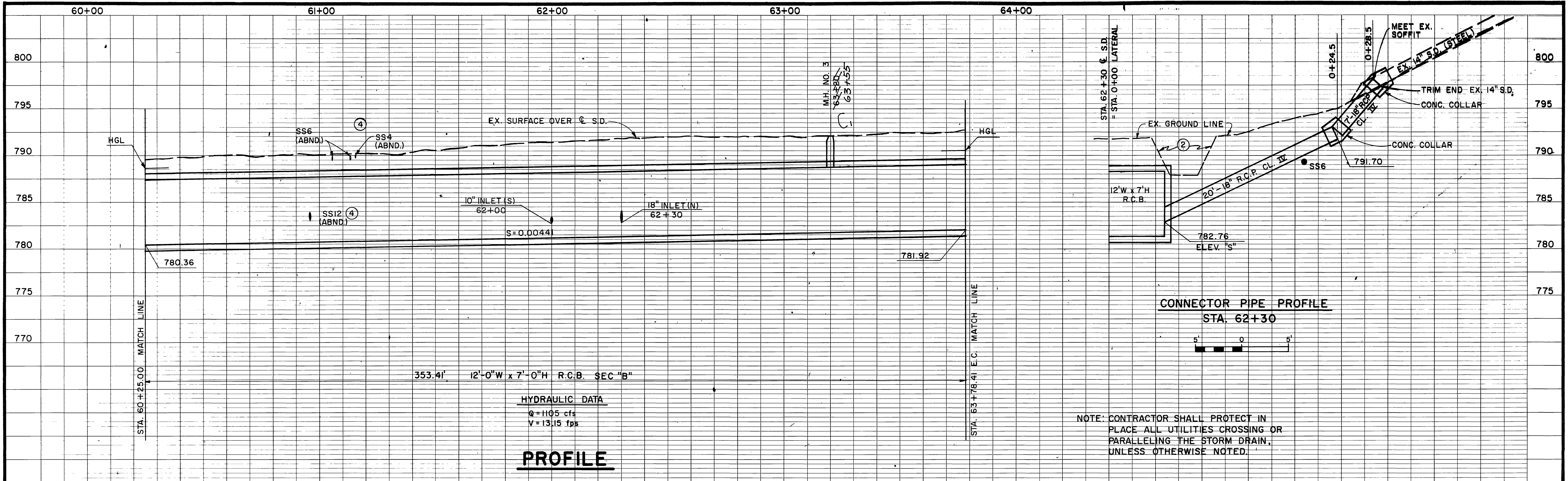
**PLAN**



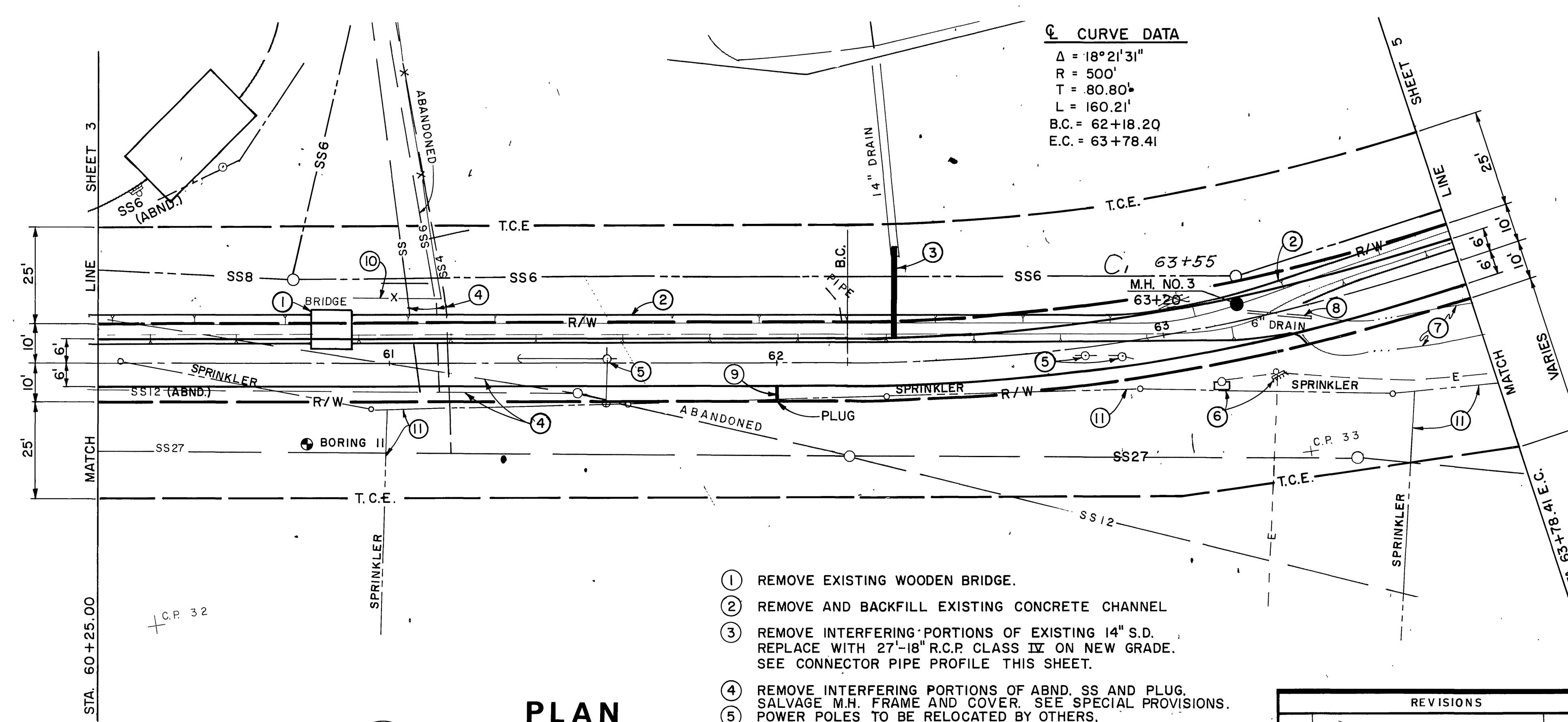
REVISIONS		RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		BOX SPRINGS DRAIN		PROJECT NO. 1-0-220	
DESIGNED BY:	R.M.	APPROVED BY:	<i>John P. Bryant</i>	EVANS PARK LATERAL		DRAWING NO. 1-328	
DRAWN BY:	P.D.D.	DATE DRAWN:	6-2-76	STA. 57+00.00 TO STA. 60+25.00		SHEET NO. 3 OF 35	
DATE:	6-2-76	CHECKED BY:		1970 STORM DRAIN BOND ISSUE PROJECT NO. 6			

AS BUILT

D-318

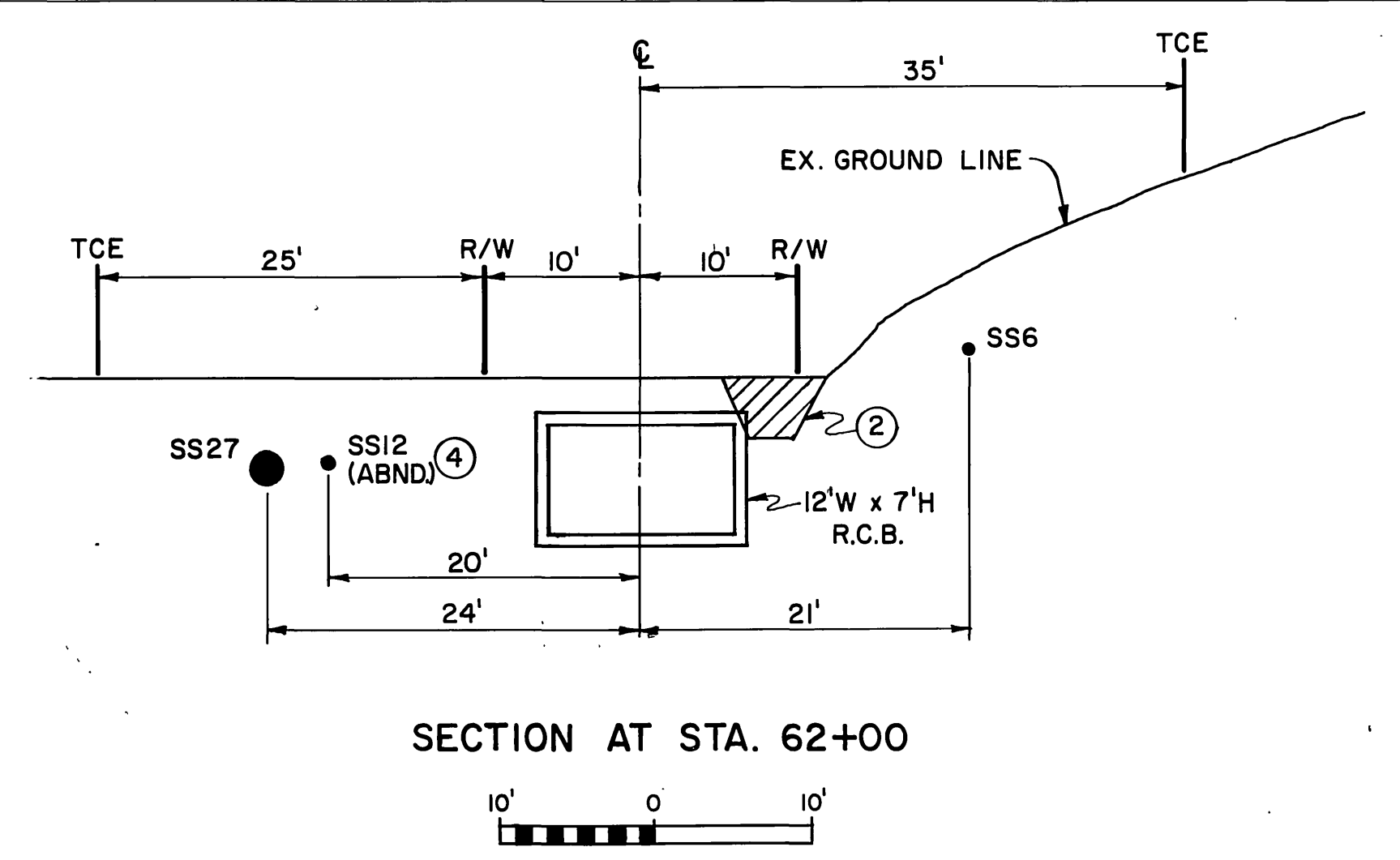


NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.



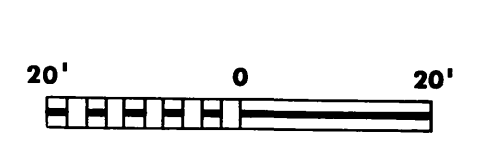
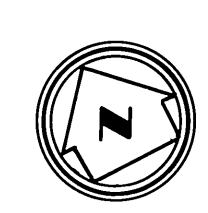
**CURVE DATA**

Δ	= 18°21'31"
R	= 500'
T	= 80.80'
L	= 160.21'
B.C.	= 62+18.20
E.C.	= 63+78.41



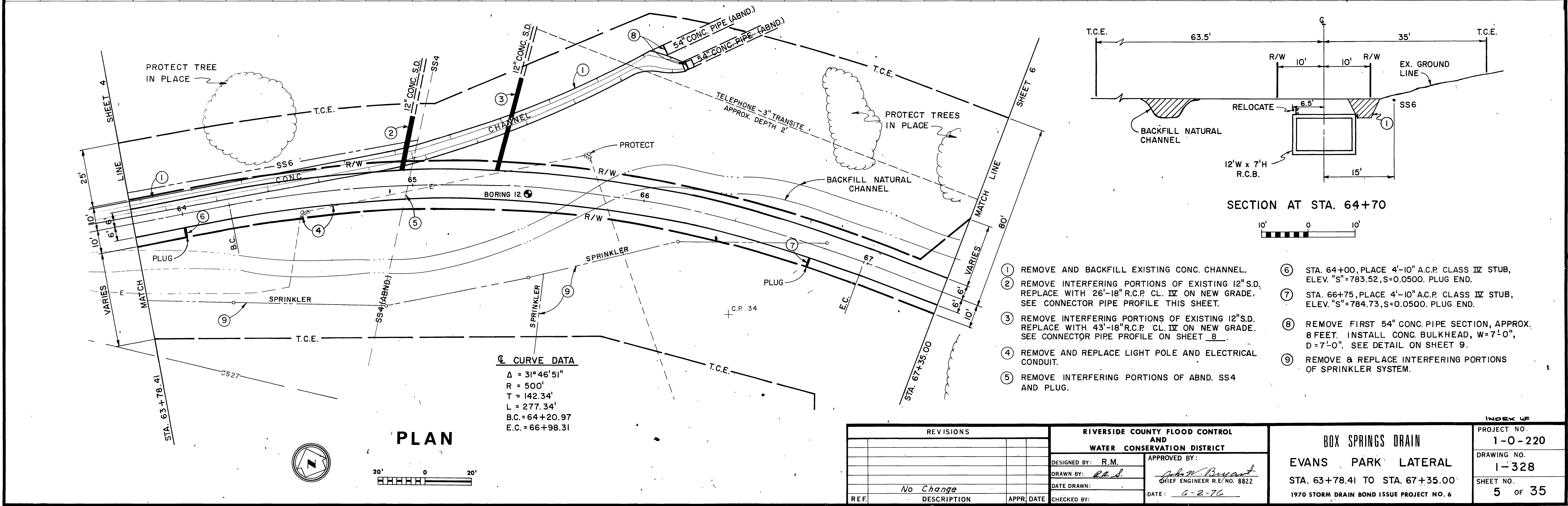
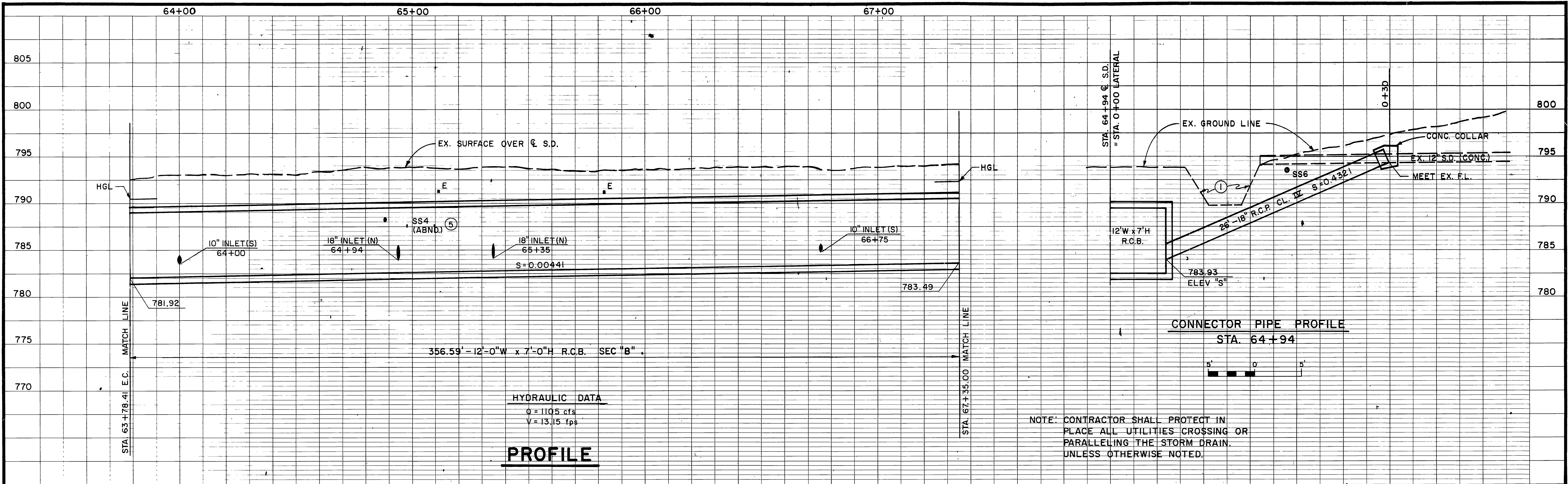
- ① REMOVE EXISTING WOODEN BRIDGE.
- ② REMOVE AND BACKFILL EXISTING CONCRETE CHANNEL
- ③ REMOVE INTERFERING PORTIONS OF EXISTING 14" S.D. REPLACE WITH 27'-18" R.C.P. CLASS IV ON NEW GRADE. SEE CONNECTOR PIPE PROFILE THIS SHEET.
- ④ REMOVE INTERFERING PORTIONS OF ABND. SS AND PLUG. SALVAGE M.H. FRAME AND COVER. SEE SPECIAL PROVISIONS.
- ⑤ REMOVE INTERFERING PORTIONS OF SPRINKLER SYSTEM.

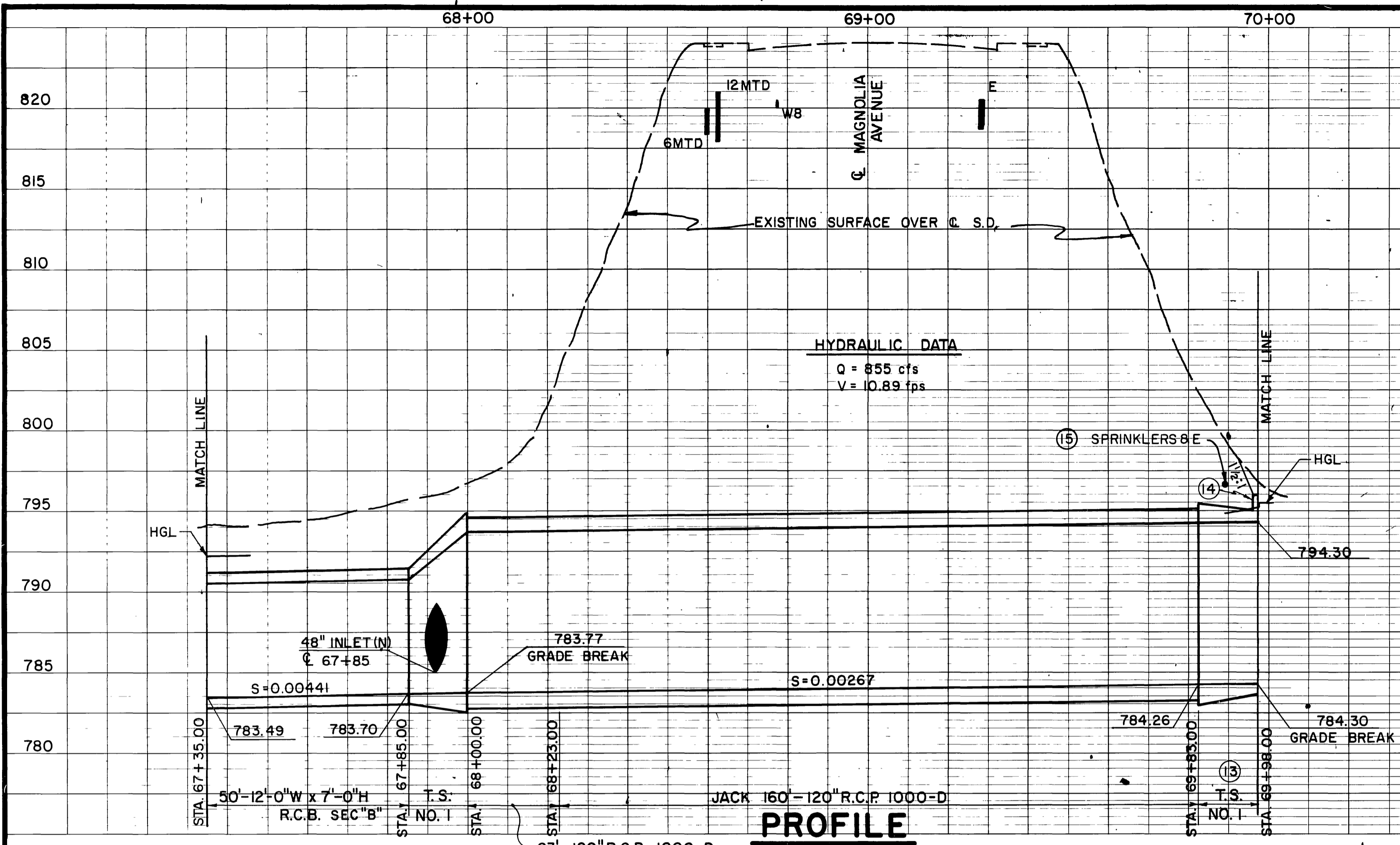
- ⑥ PROTECT LIGHT POLE & ELECTRICAL PANEL IN PLACE.
- ⑦ BACKFILL NATURAL CHANNEL.
- ⑧ REMOVE EXISTING 6" DRAIN.
- ⑨ STA. 62+00, PLACE 4'-10" A.C.P. CLASS IV STUB, ELEV. "S" = 782.63, S=0.0500. PLUG END.
- ⑩ REMOVE CHAIN LINK FENCE.
- ⑪ REMOVE & REPLACE INTERFERING PORTIONS OF SPRINKLER SYSTEM.



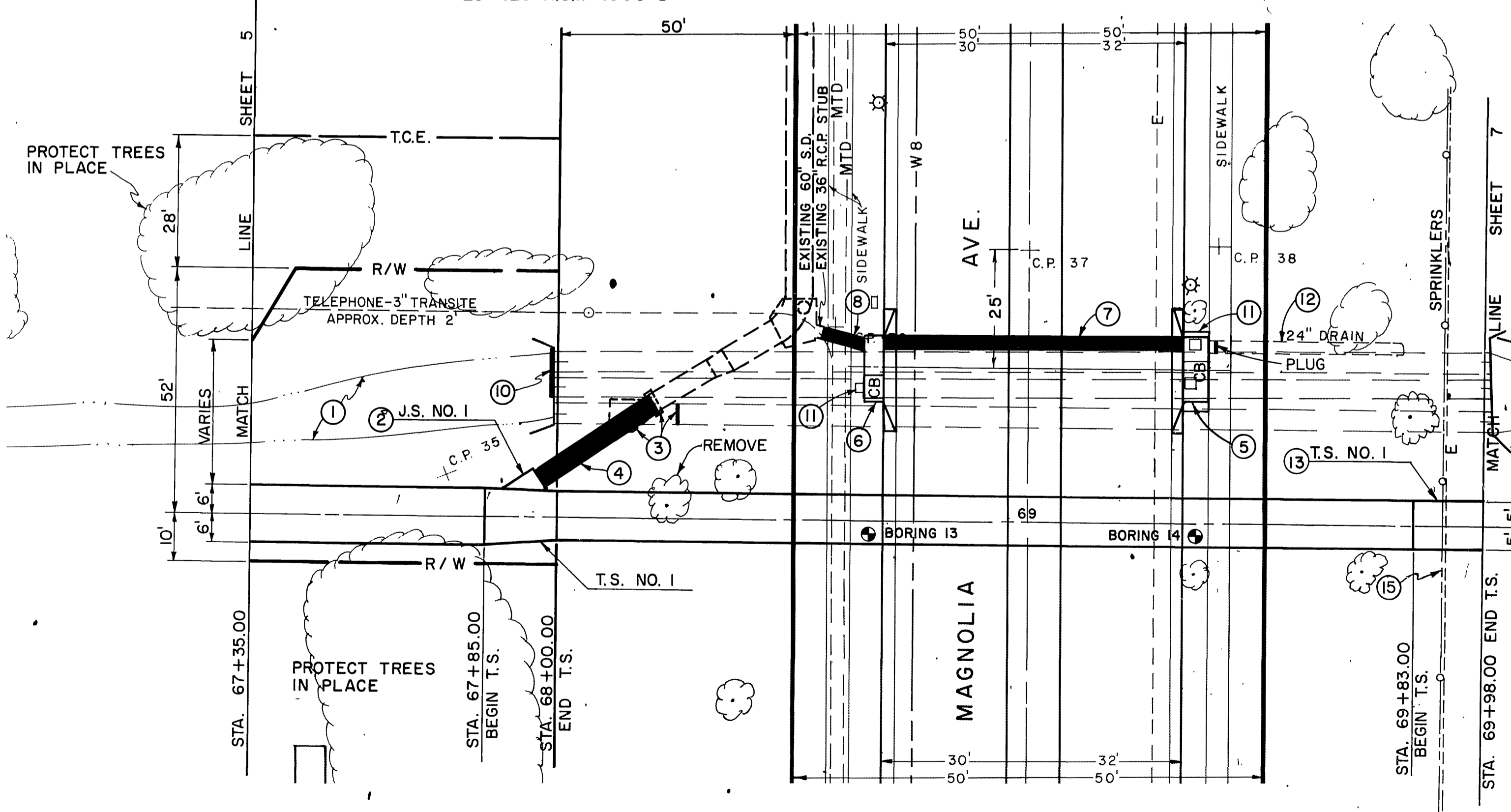
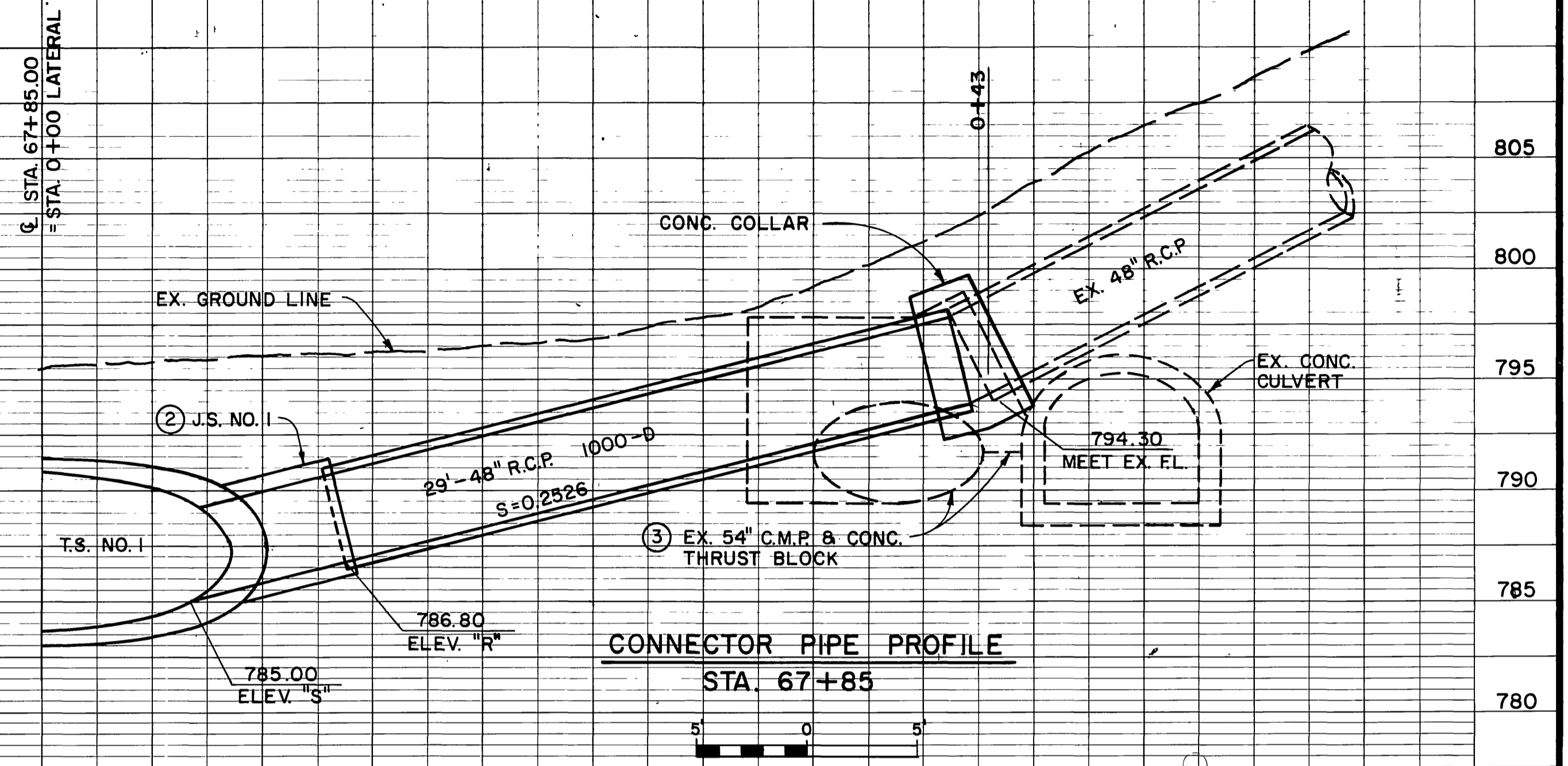
<b>REVISIONS</b> C. M.H. No. 3 Sta. Changed 4/28/17 REF. DESCRIPTION APPR. DATE		<b>RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT</b> DESIGNED BY: R.M. DRAWN BY: R.A.S. DATE DRAWN: 4/28/17 CHECKED BY:		APPROVED BY:  CHIEF ENGINEER R/E. NO. 8822 DATE: 6-2-17		<b>BOX SPRINGS DRAIN</b> <b>EVANS PARK LATERAL</b> STA 60+25.00 TO STA. 63+78.41 1970 STORM DRAIN BOND ISSUE PROJECT NO. 6		<b>INDEX</b> PROJECT NO. 1-0-220 DRAWING NO. 1-328 SHEET NO. 4 OF 35	
---	--	--	--	--	--	---	--	---	--

AS BUILT

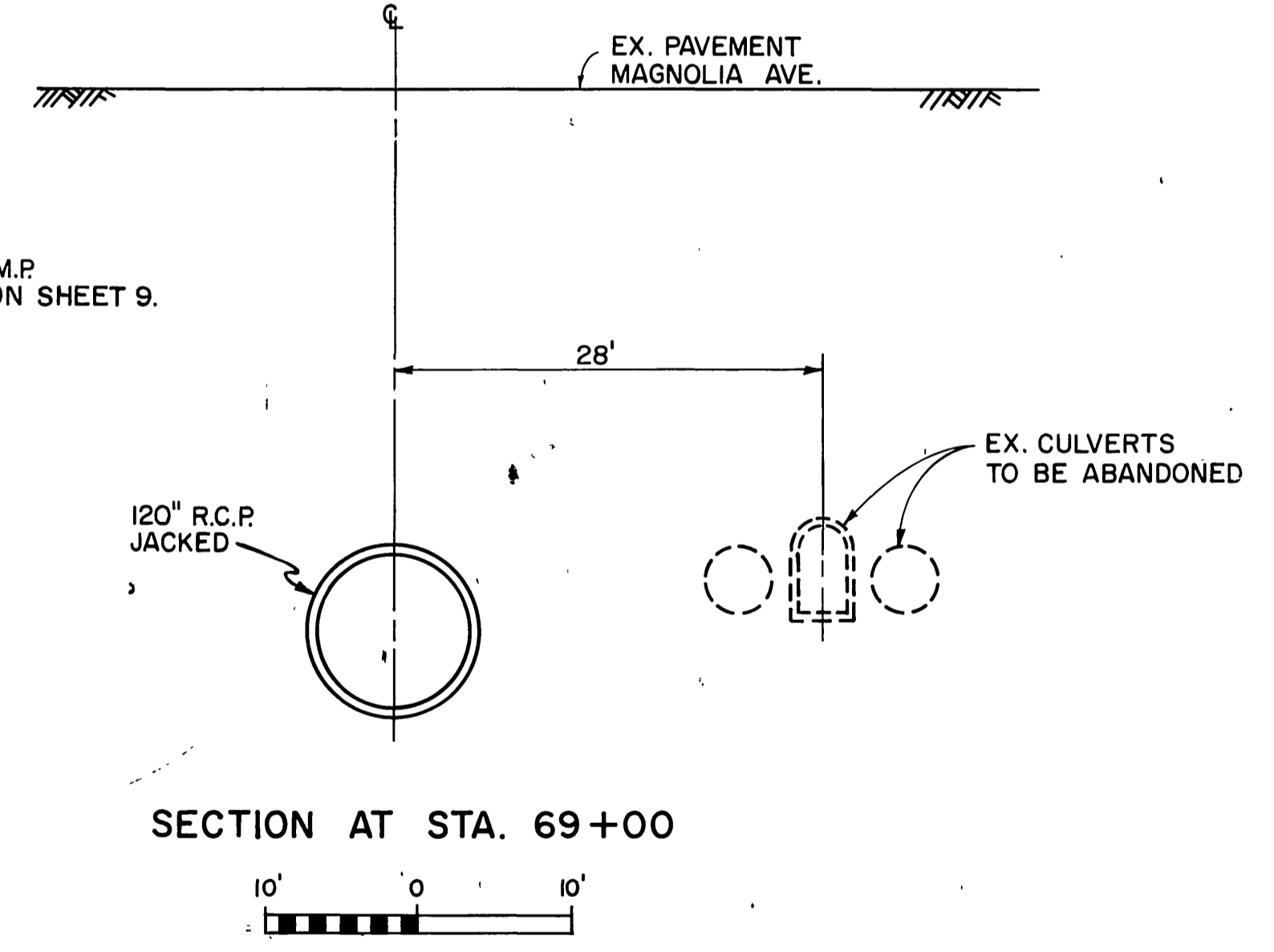




NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.



- ① BACKFILL EXISTING NATURAL CHANNEL.
- ② J.S. NO. 1,  $\ell$  STA. 67+85.00  
 $A = 34^\circ$   
 $B = 48"$  ELEV. "S" = 785.00  
 $C = 14'-4"$  ELEV. "R" = 786.80
- ③ REMOVE INTERFERING PORTIONS OF CONC. THRUST BLOCK, CONC. COLLAR, AND C.M.P. PLUG UPSTREAM END C.M.P. WITH CONC. BULKHEAD,  $W = 7'-0"$ ,  $D = 7'-0"$ . SEE DETAIL ON SHEET 9.
- ④ CONNECT 29'-48" R.C.P., 1000-D. SEE CONNECTOR PIPE PROFILE THIS SHEET.
- ⑤ C.B. NO. 1,  $W = 14'$ ,  $V = 8.0'$ , C.F. = NORMAL C.F. + 2", L.D. NO. 2 CASE C, L.D.-A = MATCH EXISTING.
- ⑥ C.B. NO. 1,  $W = 14'$ ,  $V = 9.5'$ ,  $V = 10.0'$ , C.F. = NORMAL + 2", L.D. NO. 2 CASE C, L.D.-A = MATCH EXISTING.
- ⑦ CONNECT 63'-24" R.C.P., CLASS IV.
- ⑧ CONNECT 13'-36" R.C.P., 1300D.
- ⑨ SEE CONNECTOR PIPE PROFILE ON SHEET 9.
- ⑩ INSTALL CONC. BULKHEAD,  $W = 11'-6"$   $D = 8'-0"$ . SEE DETAIL ON SHEET 9.
- ⑪ REMOVE EXISTING CATCHBASINS.
- ⑫ ABND. EXISTING 24" DRAIN.
- ⑬ T.S. NO. 1, FOR REINFORCING STEEL REQUIREMENTS AND SLAB THICKNESSES, SEE SEC "C", STD. DWG. BX401.
- ⑭ FOR PARAPET DETAIL, REFER TO SHEET 9.
- ⑮ REMOVE AND REPLACE INTERFERING PORTIONS OF SPRINKLER SYSTEM AND ELECTRICAL WIRE.



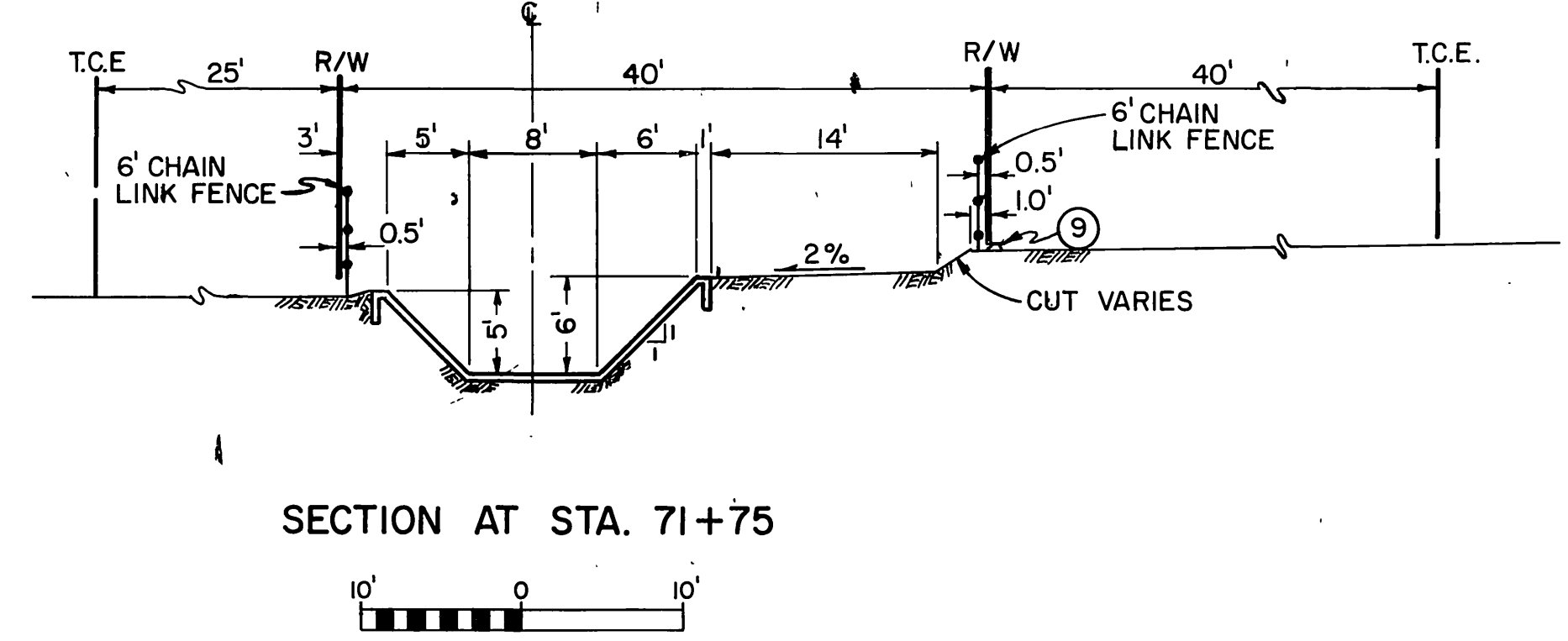
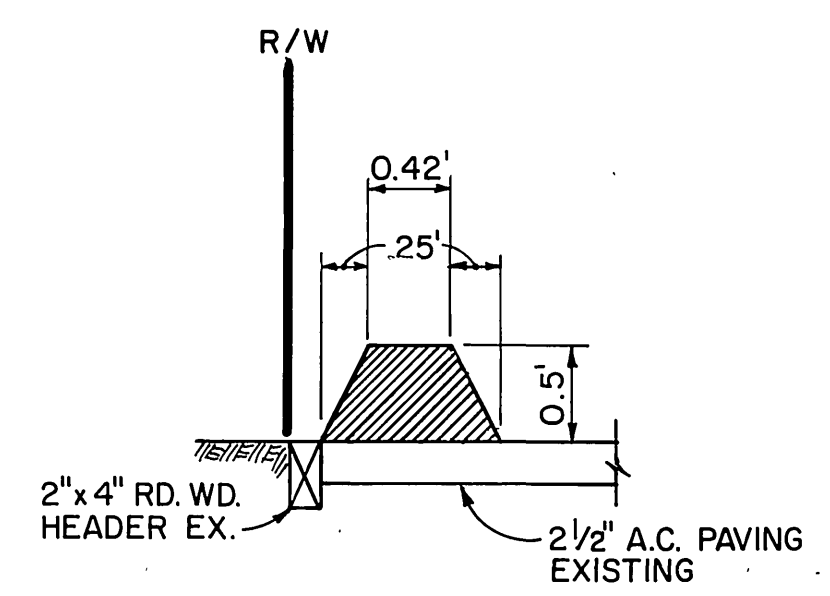
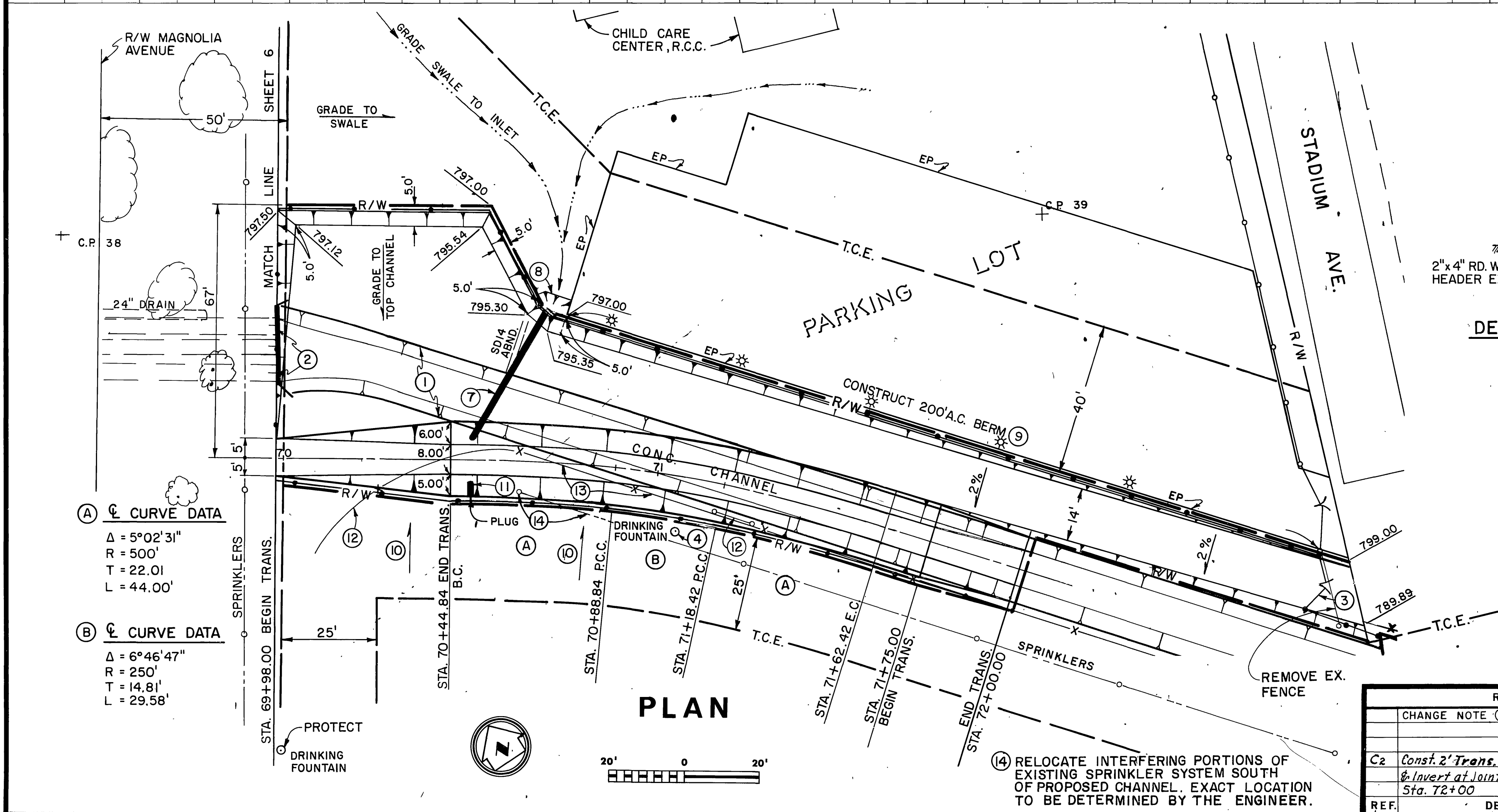
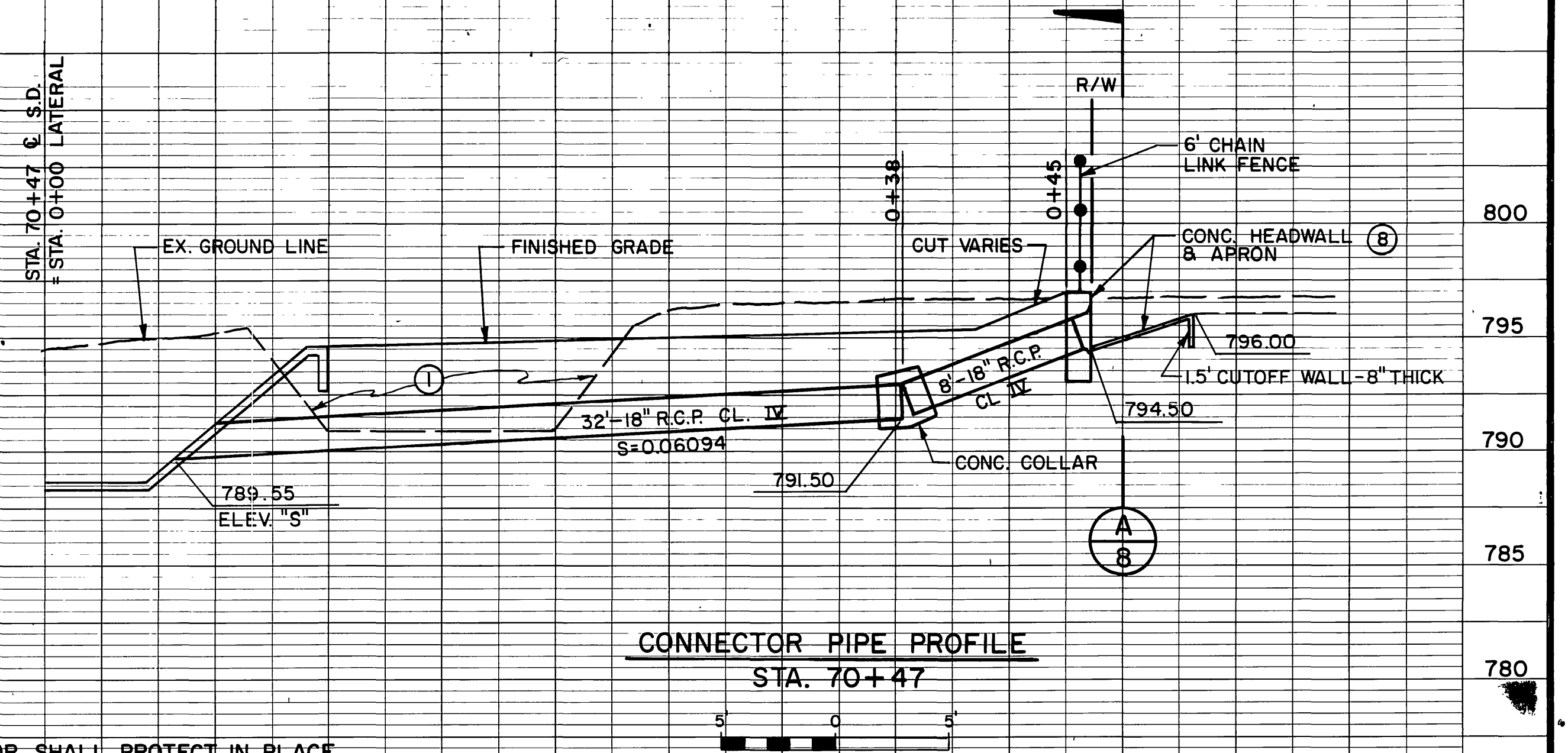
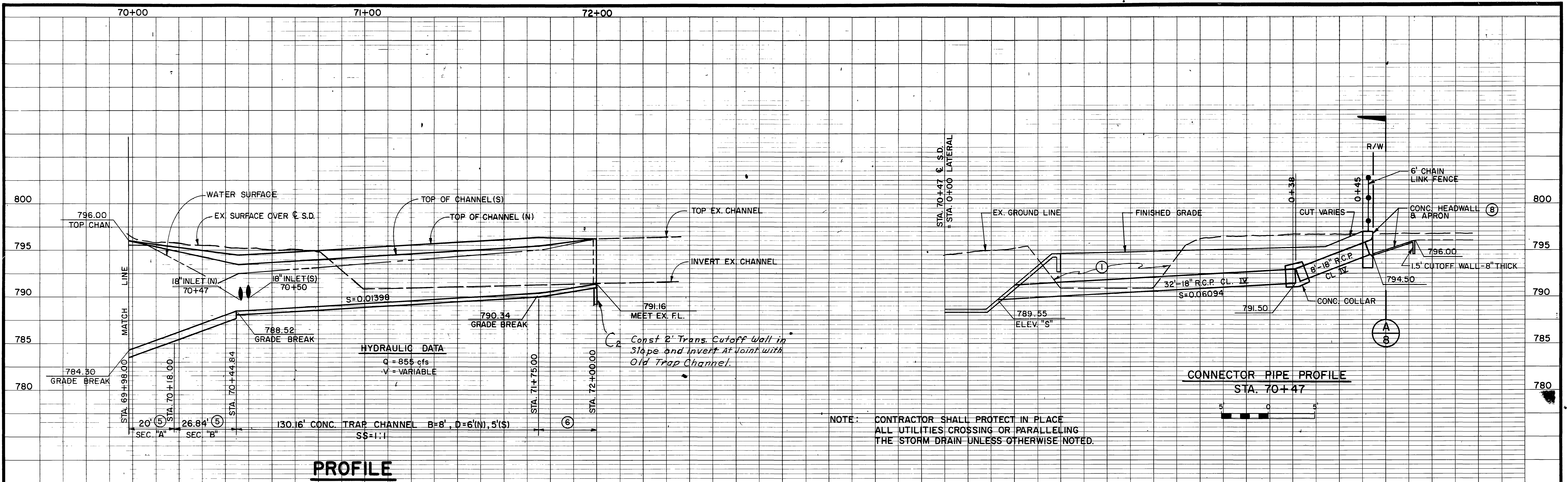
REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
REF.	DESCRIPTION	APPR. DATE	DESIGNED BY: R.M.	APPROVED BY: <i>Robert Bryant</i>
			DRAWN BY: <i>R.A.S.</i>	CHIEF ENGINEER R.E. NO. 8822
			DATE DRAWN:	DATE: 6-2-76
			CHECKED BY:	

**BOX SPRINGS DRAIN**  
**EVANS PARK LATERAL**  
 STA. 67+35.00 TO STA. 69+98.00  
 1970 STORM DRAIN BOND ISSUE PROJECT NO. 6

INDEX  
 PROJECT NO. 1-O-220  
 DRAWING NO. 1-328  
 SHEET NO. 6 OF 35

AS BUILT.

D-318



- ① REMOVE AND BACKFILL EXISTING CONC. CHANNEL.
- ② REMOVE EXISTING CONC. HEADWALL. PLUG EXISTING CULVERTS WITH CONC. BULKHEAD, W=MATCH INSIDE WIDTH HEADWALL, D=8'-0". SEE DETAIL ON SHEET 9.
- ③ INSTALL 14' METAL FRAME GATE.
- ④ REMOVE AND REPLACE DRINKING FOUNTAIN.
- ⑤ SEE STD. DWG. CH329, TRANSITION STRUCTURAL DETAILS.
- ⑥ TRANSITION 25.0' CONCRETE TRAP CHANNEL TO MEET EXISTING CHANNEL.
- ⑦ STA. 70+47, CONNECT CONC. HEADWALL WITH 40'-18" R.C.P. CLASS IV. SEE CONNECTOR PIPE PROFILE THIS SHEET.
- ⑧ CONSTRUCT CONC. HEADWALL & APRON. SEE DETAIL SHEET 8.
- ⑨ CONSTRUCT 200' TRAPEZOIDAL A.C. BERM BETWEEN LIGHT POLES. SEE DETAIL THIS SHEET. REMOVE & REPLACE INTERFERING CONC. WHEEL BUMPERS.
- ⑩ FROM STA. 70+30 TO STA. 71+15, GRADE FROM EXISTING GROUND AT T.C.E. TO TOP OF TRAPEZOIDAL CONCRETE CHANNEL.
- ⑪ STA. 70+50, PLACE 4'-18" R.C.P., CLASS IV STUB, ELEV. "S" = 789.90, S=0.0500. PLUG END.
- ⑫ RELOCATE BASEBALL BACKSTOP (CHAIN LINK) & BASEBALL SCOREBOARD SOUTH OF CHANNEL. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
- ⑬ FROM STA. 70+60 TO STA. 72+00, REMOVE EXISTING CHAIN LINK FENCE.

REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
CHANGE NOTE ⑨		4/23/18	DESIGNED BY: R.M.	APPROVED BY:
C2	Const. 2' Trans. cutoff wall in slope & invert at joint with old Trap Channel Sta. 72+00	4/11/17	DRAWN BY: R.A.L.	CHIEF ENGINEER R.E. NO. 8822
REF.	DESCRIPTION	APPR. DATE	CHECKED BY:	DATE: 6-2-76

**INDEX**

PROJECT NO. 1-0-220

DRAWING NO. 1-328

SHEET NO. 7 OF 35

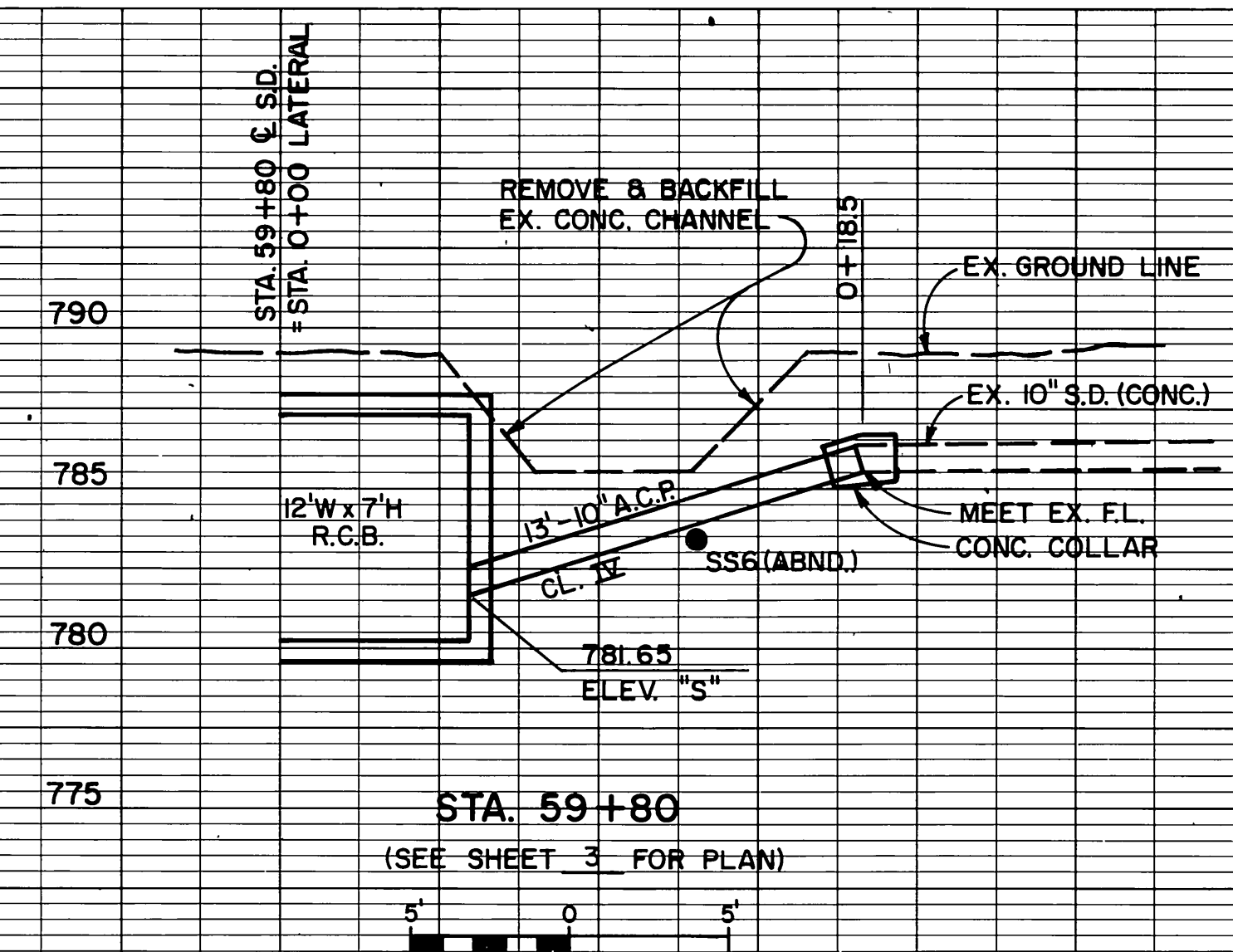
**BOX SPRINGS DRAIN**

**EVANS PARK LATERAL**

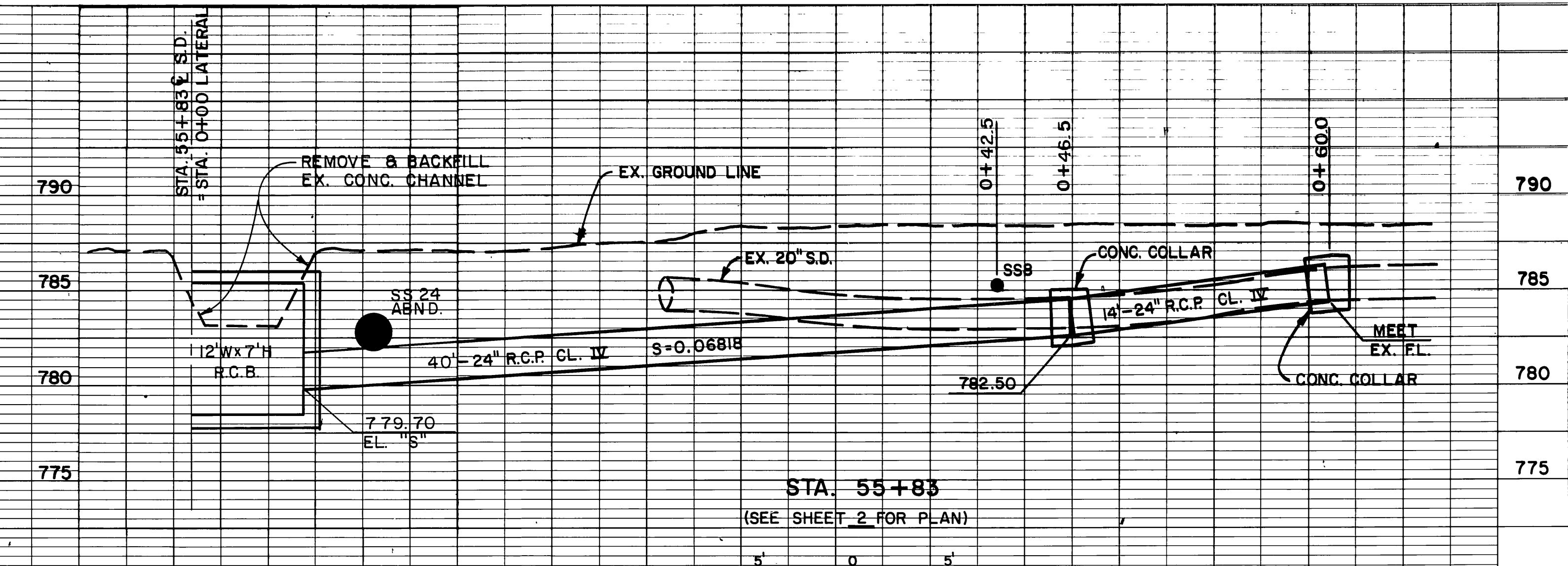
STA. 69+98.00 TO STA. 72+00.00

1970 STORM DRAIN BOND ISSUE PROJECT NO. 6

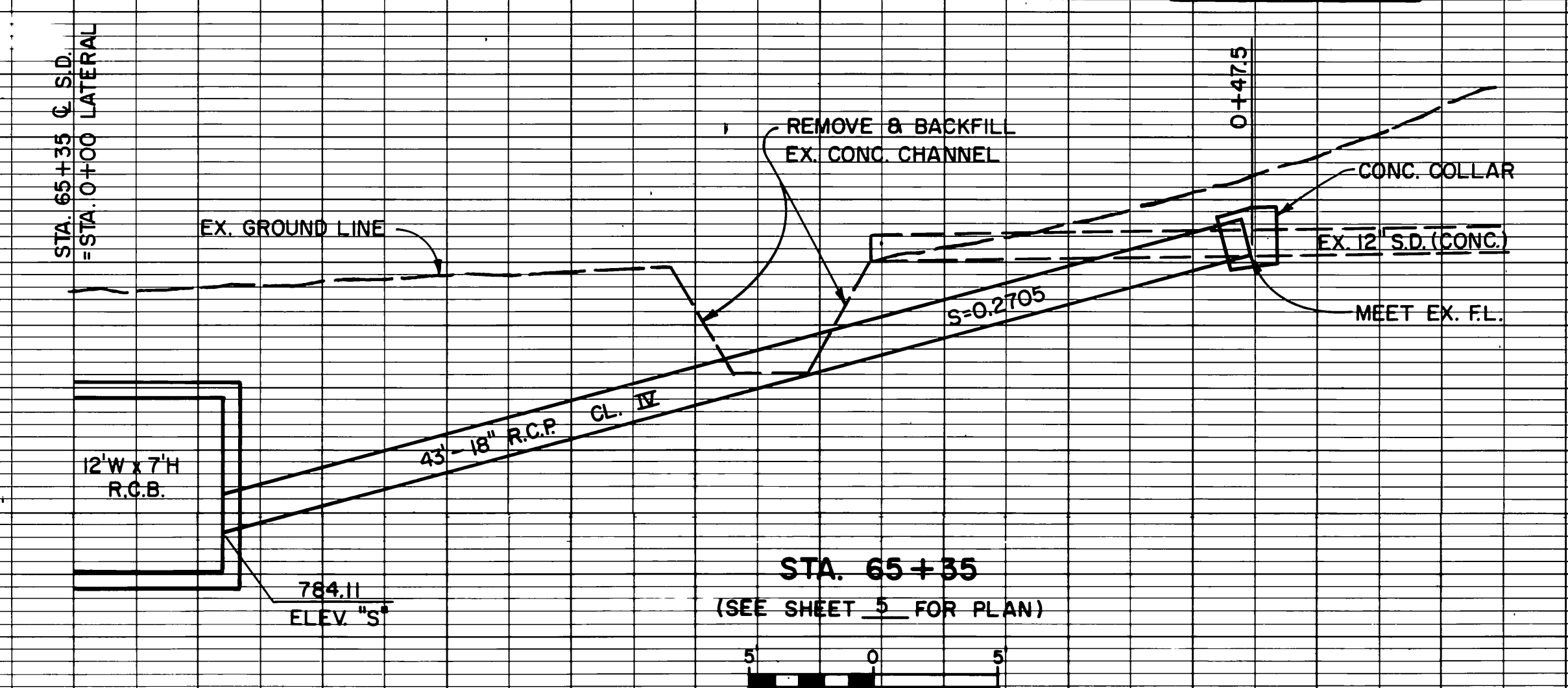
AS BUILT



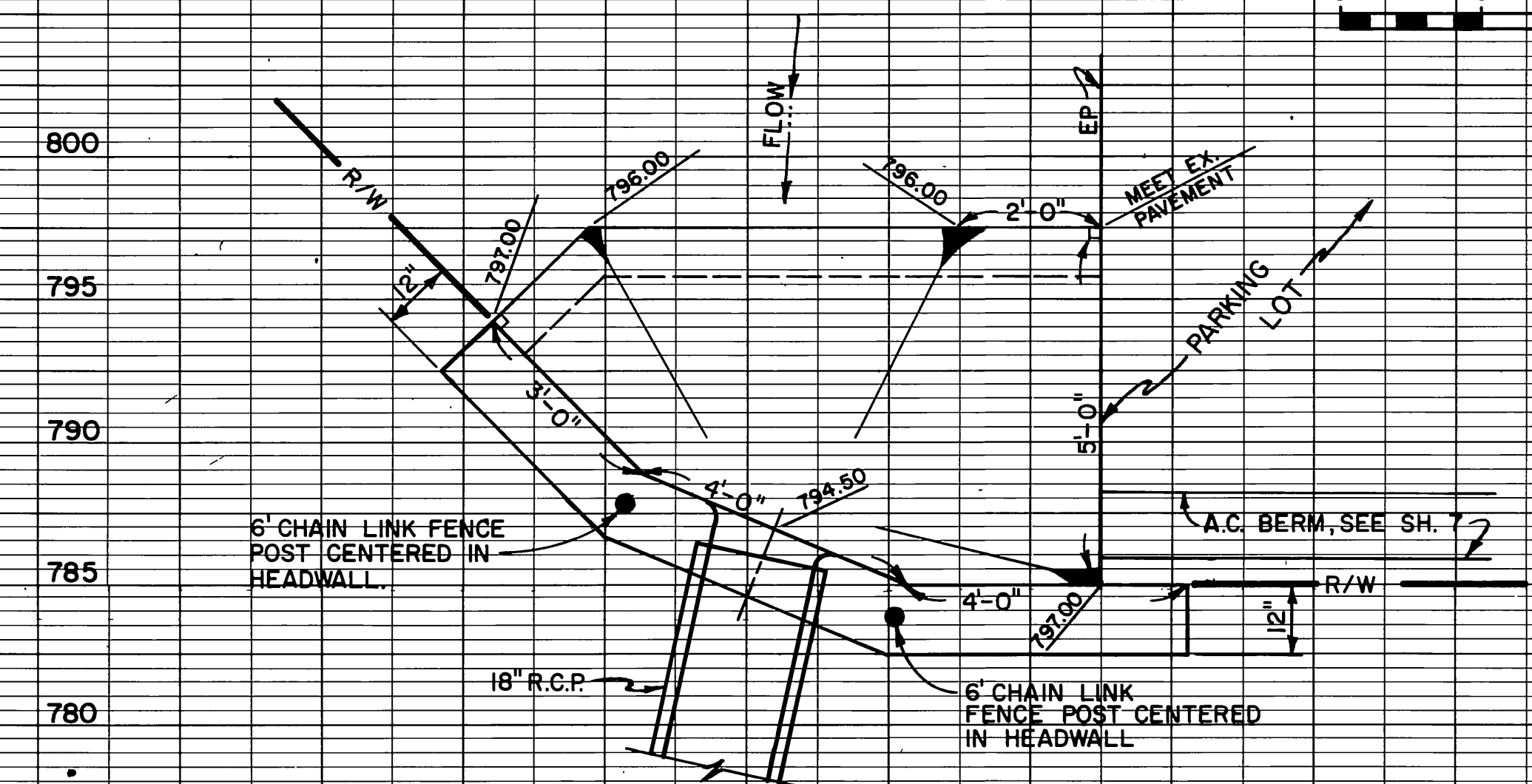
**STA. 59+80**  
(SEE SHEET 3 FOR PLAN)



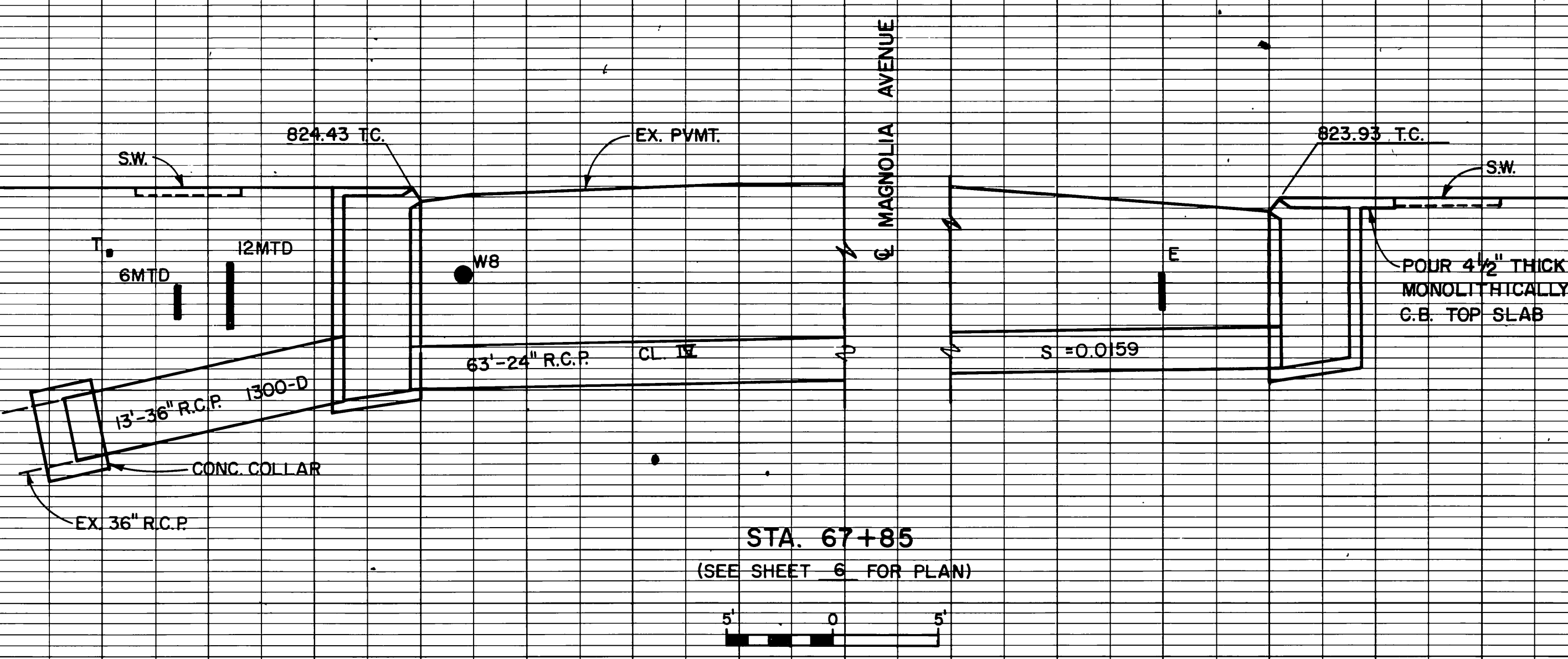
**STA. 55+83**  
(SEE SHEET 2 FOR PLAN)



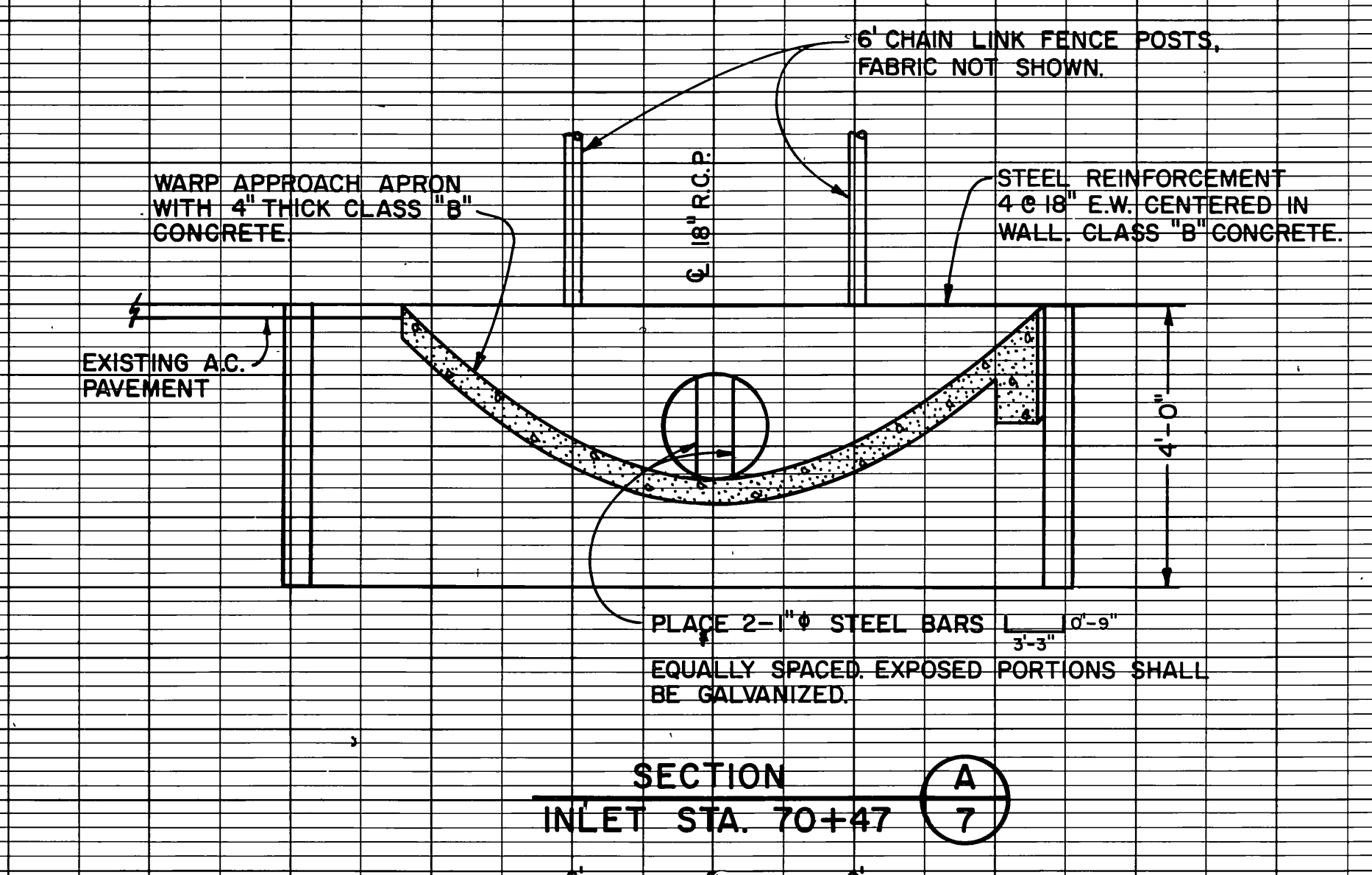
**STA. 65+35**  
(SEE SHEET 5 FOR PLAN)



**INLET DETAIL - STA. 70+47**  
(SEE SHEET 7 FOR OVERALL PLAN)



**STA. 67+85**  
(SEE SHEET 6 FOR PLAN)



**SECTION A-A**  
**INLET STA. 70+47**

REVISIONS	
1	Connector pipe profile revised at Sta 55+86 per 01/76
2	No Change

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
DESIGNED BY: R.M.	APPROVED BY: <i>[Signature]</i>
DRAWN BY: e.a.l.	CHIEF ENGINEER R.E. NO. 8822
DATE DRAWN:	DATE: 6-2-76
REF. DESCRIPTION	APPR. DATE CHECKED BY:

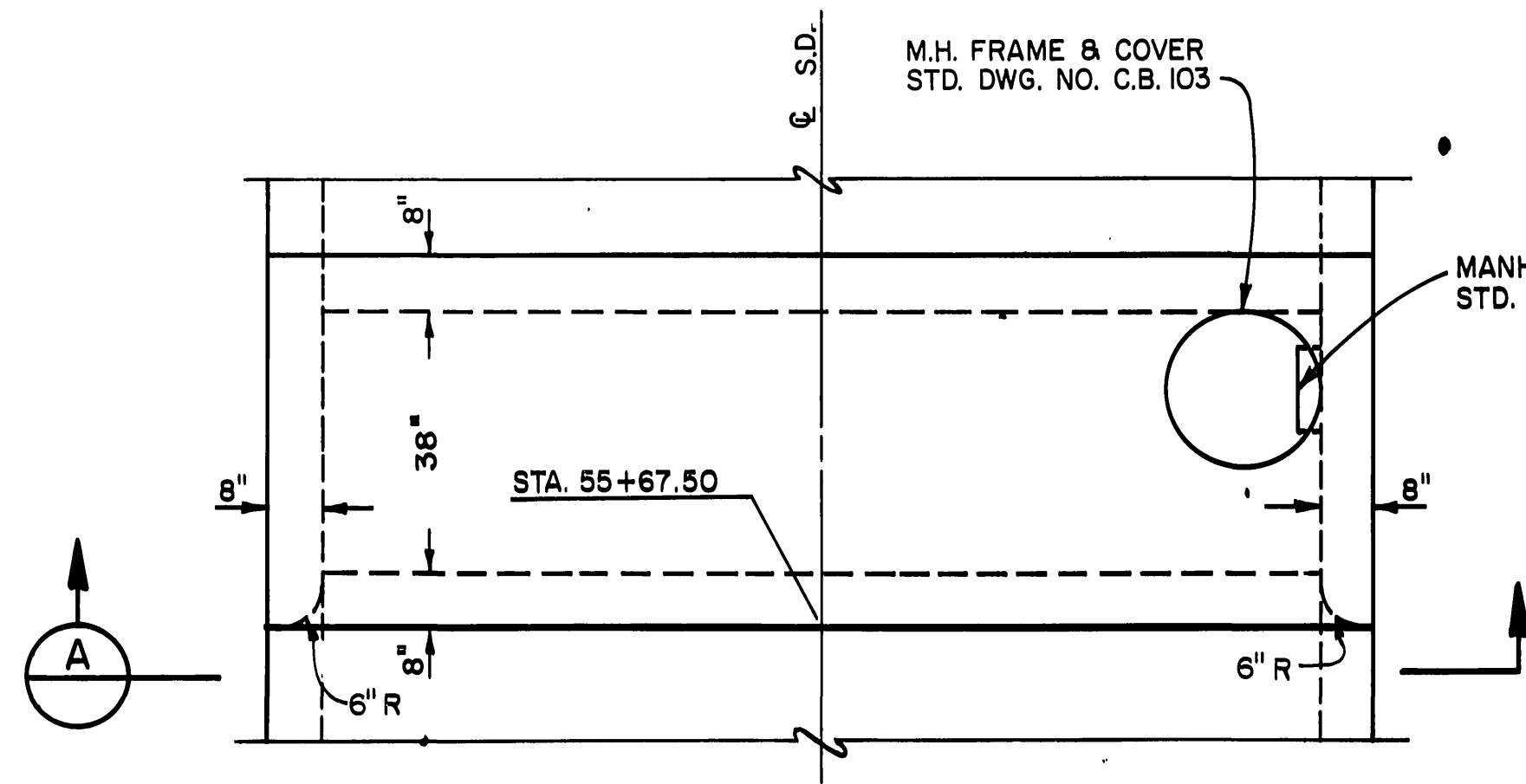
**BOX SPRINGS DRAIN**  
**EVANS PARK LATERAL**  
**CONNECTOR PIPE PROFILES**  
1970 STORM DRAIN BOND ISSUE PROJECT NO. 6

INDEX UP  
PROJECT NO. 1-0-220  
DRAWING NO. 1-328  
SHEET NO. 8 OF 35

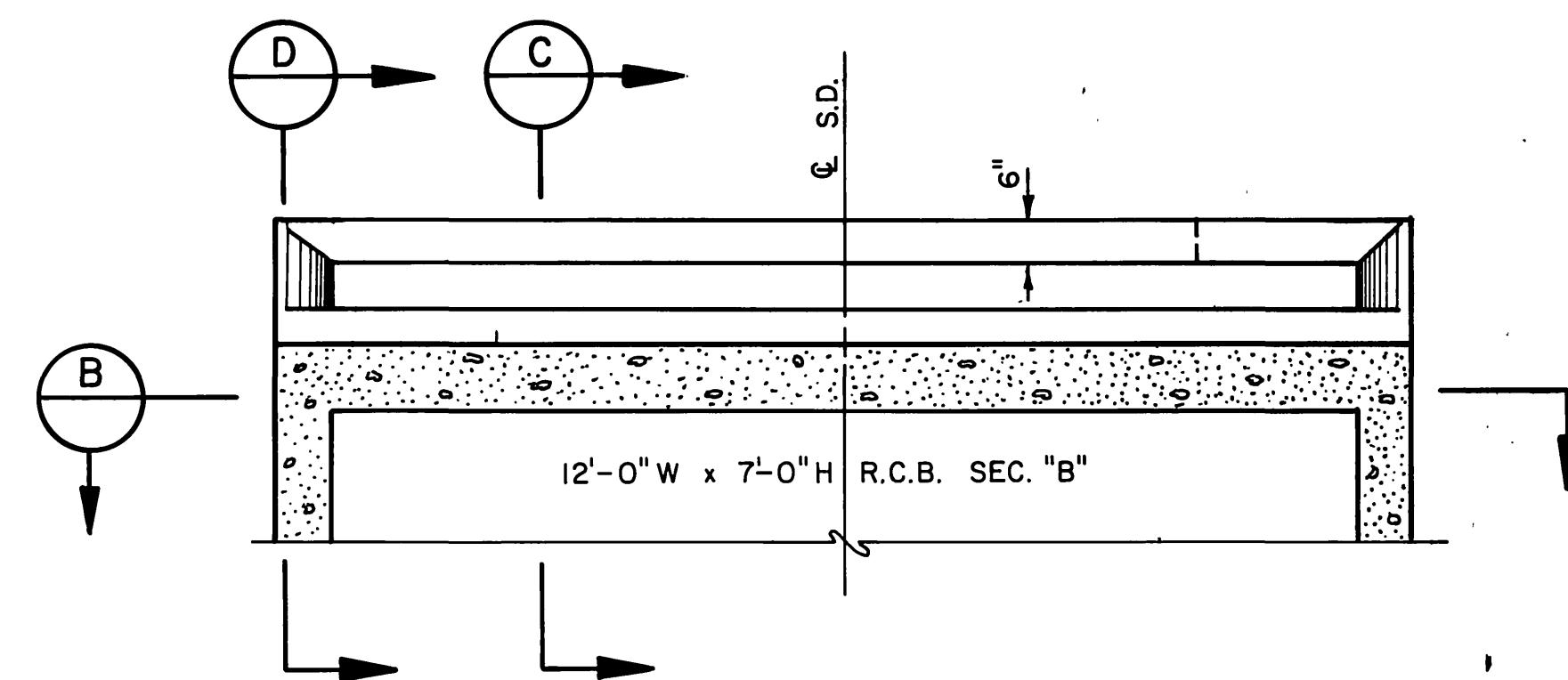
AS BUILT

D-318

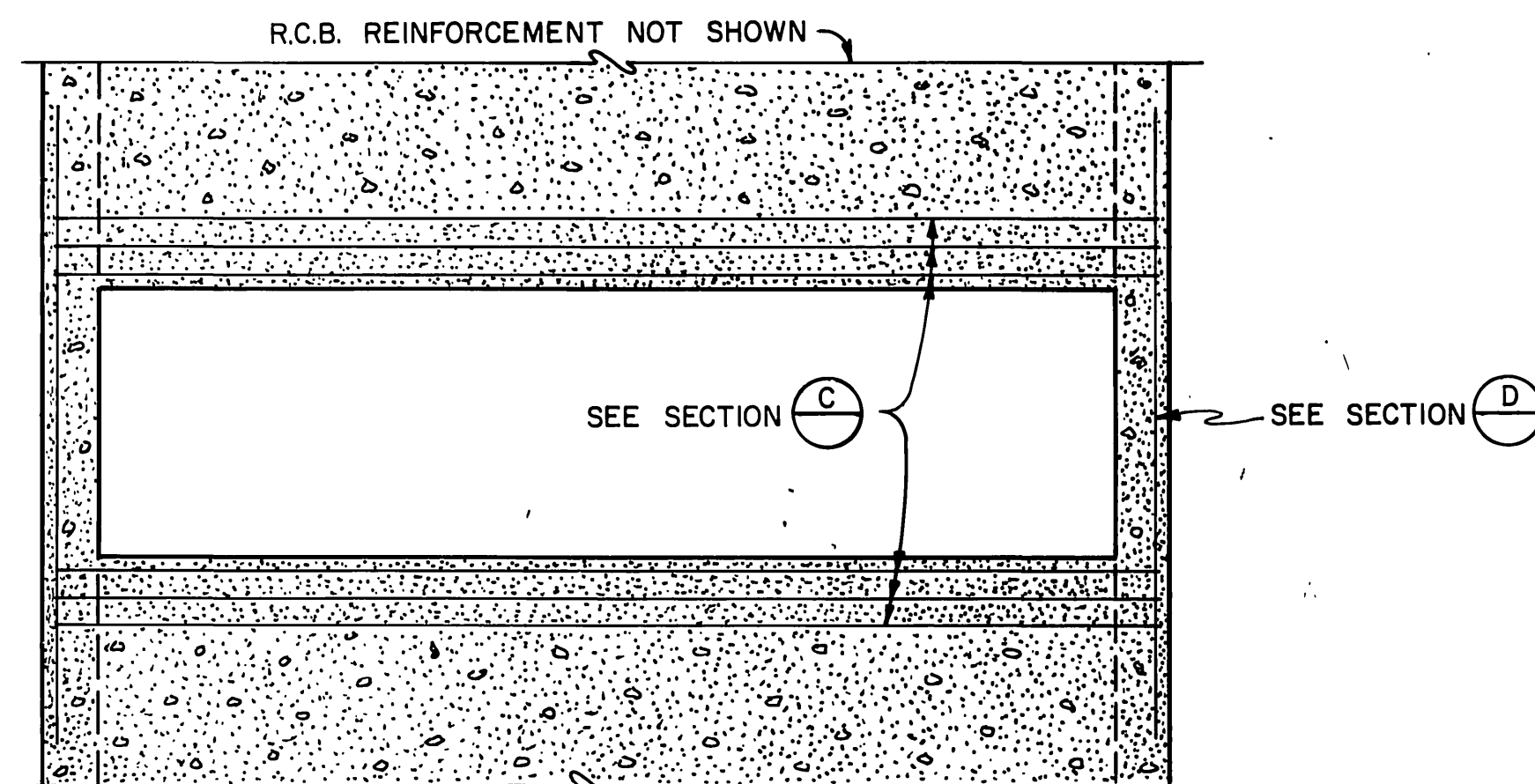




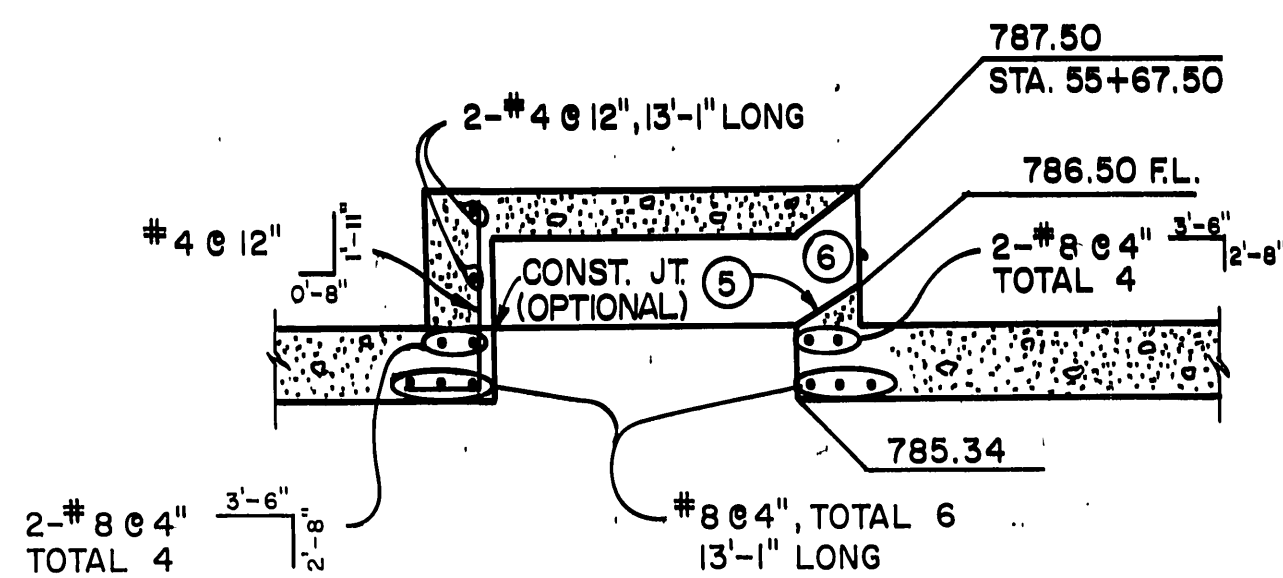
**PLAN - MODIFIED C.B. NO. 1 DETAIL**  
(SEE SHEET 2 FOR OVERALL PLAN VIEW)  
NO SCALE



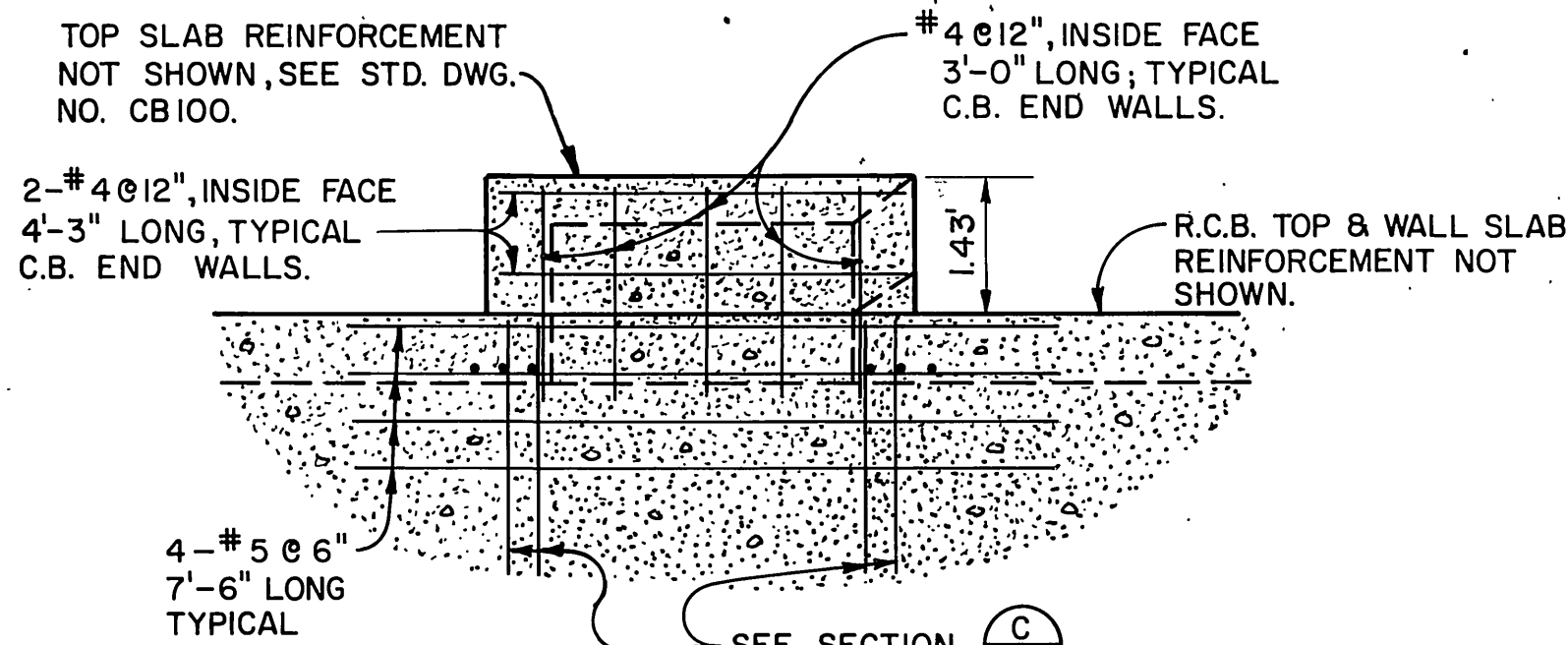
**SECTION A**  
NO SCALE



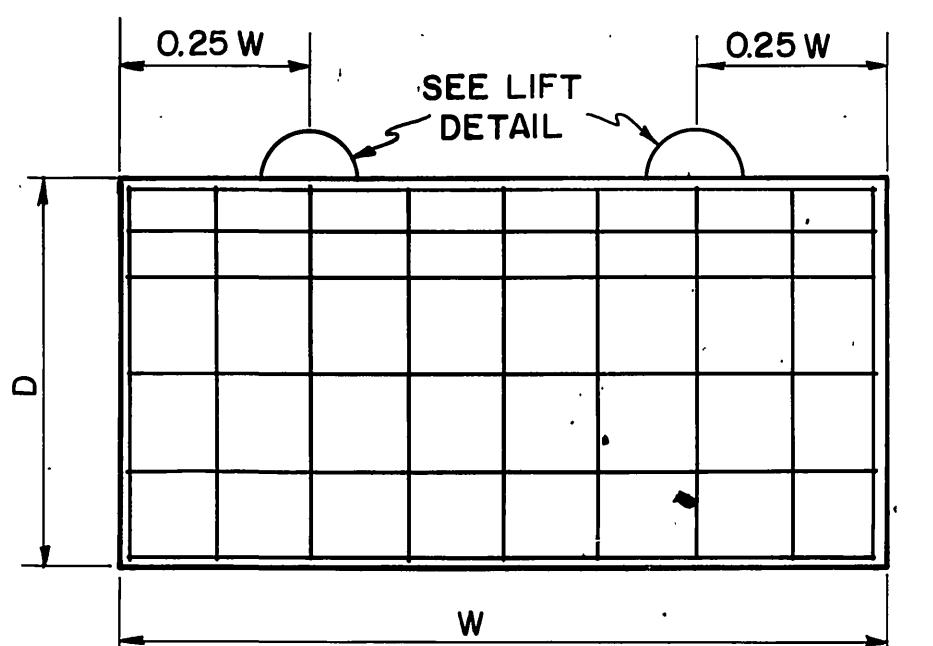
**SECTION B**  
NO SCALE



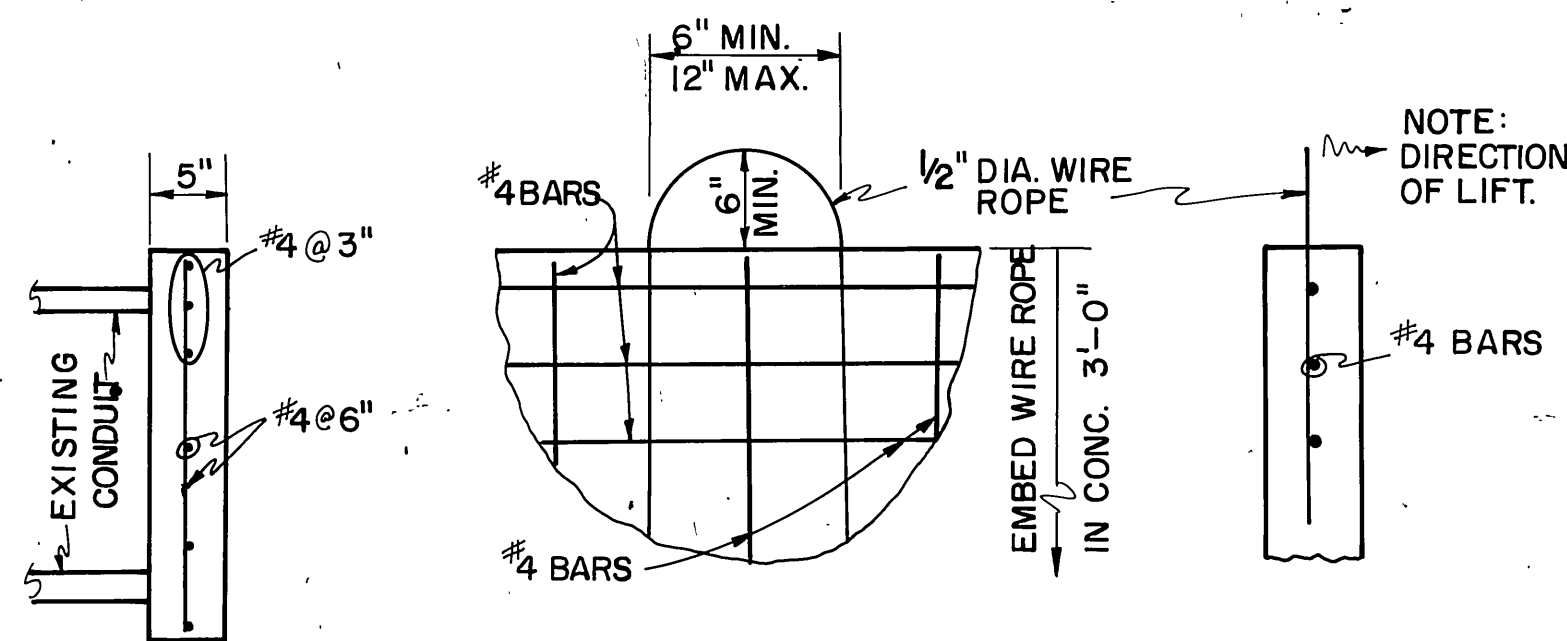
**SECTION C**  
NO SCALE



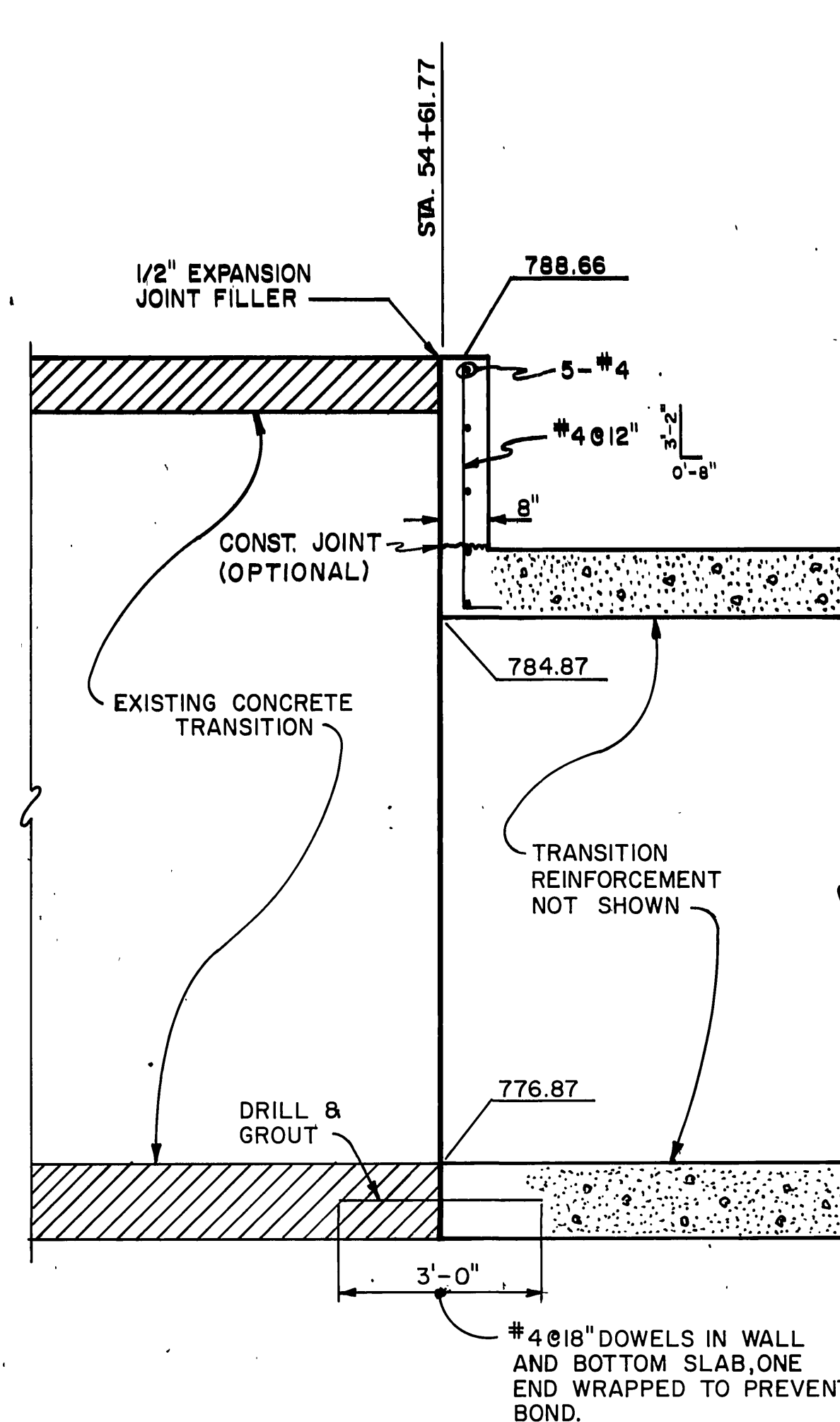
**SECTION D**  
NO SCALE



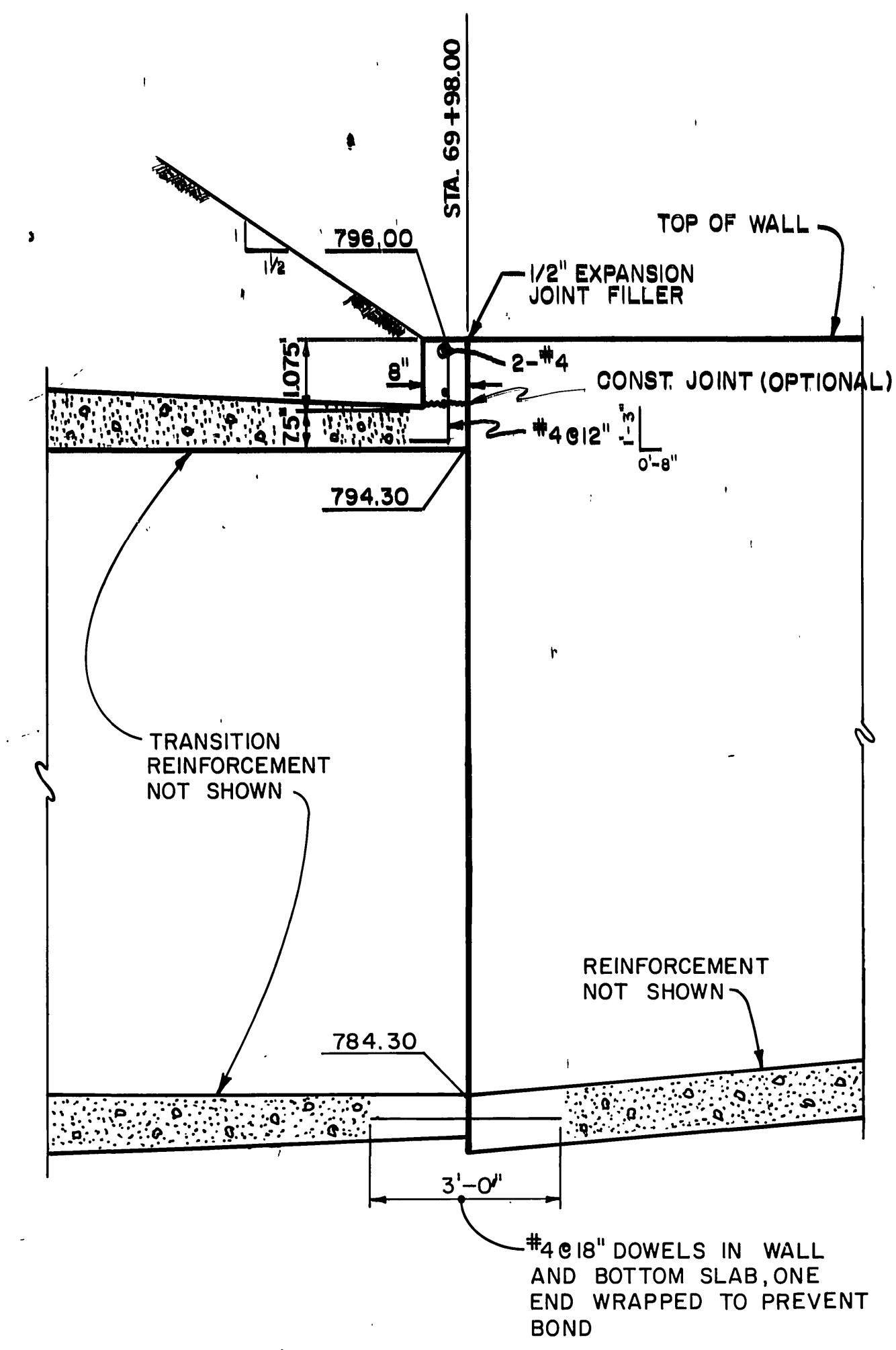
**CONCRETE BULKHEAD** ⑨



**LIFT DETAIL**



**PARAPET DETAIL - STA. 54+61.77**  
(SEE SHEET 2 FOR OVERALL PLAN VIEW)  
NO SCALE



**PARAPET DETAIL - STA. 69+98.00**  
(SEE SHEET 6 FOR OVERALL PLAN VIEW)  
NO SCALE

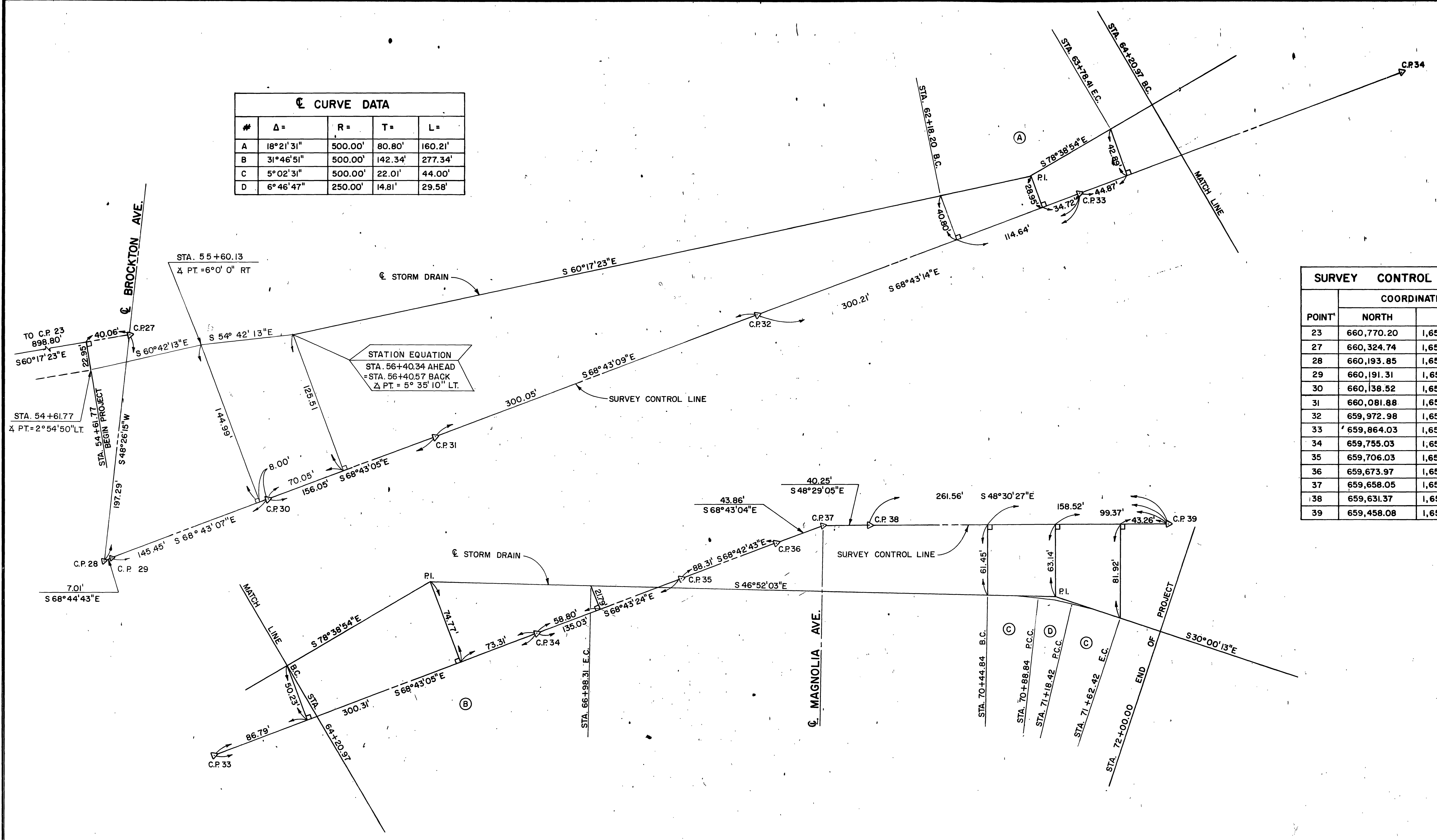
**NOTES:**

1. STRUCTURAL CONCRETE SHALL BE CLASS "A".
2. CLEAR COVER FOR STEEL SHALL BE 1/2 INCHES EACH FACE FOR WALLS AND TOP SLAB AND 2 INCHES EACH FACE FOR BOTTOM SLAB.
3. CONSTRUCT EXPANSION JOINTS AS SHOWN. LONGITUDINAL STEEL WILL NOT BE CONTINUOUS THROUGH THE JOINT.
4. STEEL IS DIMENSIONED TO BACK OF BAR BEND.
- ⑤ POUR MONOLITHICALLY WITH R.C.B. TOP SLAB.
- ⑥ SEE STD. DWG. NO. CB105 FOR C.B. INLET DETAILS.
7. IN ACCORDANCE WITH SECTIONS 7.6 AND 12.5 OF A.C.I. STD. 318-71, SPLICES SHALL BE CLASS "C", 1.7 TIMES THE BASIC DEVELOPMENT LENGTH WITH NO MODIFICATION FACTORS APPLIED. ALL SPLICES ARE SUBJECT TO APPROVAL BY THE ENGINEER.
8. A 3/4" CHAMFER SHALL BE CONSTRUCTED AT ALL SHARP EDGES OF EXPOSED CONCRETE.
- ⑨ THE CONTRACTOR MAY CAST-IN-PLACE THE CONCRETE BULKHEAD. THE MINIMUM THICKNESS OF THE BULKHEAD SHALL BE 6 INCHES WITH #4 @ 6 INCH REINFORCING STEEL EACH WAY CENTERED IN THE BULKHEAD.

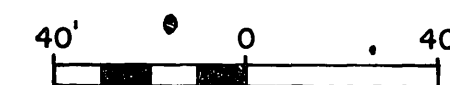
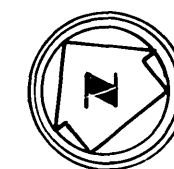
REVISIONS			RIVERSIDE COUNTY FLOOD AND WATER CONSERVATION DISTRICT		BOX SPRINGS DRAIN		PROJECT NO.	
REF.	DESCRIPTION	APPR. DATE	DESIGNED BY: R.M.	APPROVED BY:	EVANS PARK LATERAL		1-0-220	
			DRAWN BY: R.A.B.	<i>John N. Bryant</i>	MISCELLANEOUS DETAILS		DRAWING NO. 1-328	
			DATE DRAWN:	CHIEF ENGINEER R.E. NO. 8822	1970 STORM DRAIN BOND ISSUE PROJECT NO. 6		SHEET NO. 9 OF 35	
			CHECKED BY:	DATE: 6-2-76				

AS BUILT

C CURVE DATA				
#	Δ =	R =	T =	L =
A	18° 21' 31"	500.00'	80.80'	160.21'
B	31° 46' 51"	500.00'	142.34'	277.34'
C	5° 02' 31"	500.00'	22.01'	44.00'
D	6° 46' 47"	250.00'	14.81'	29.58'



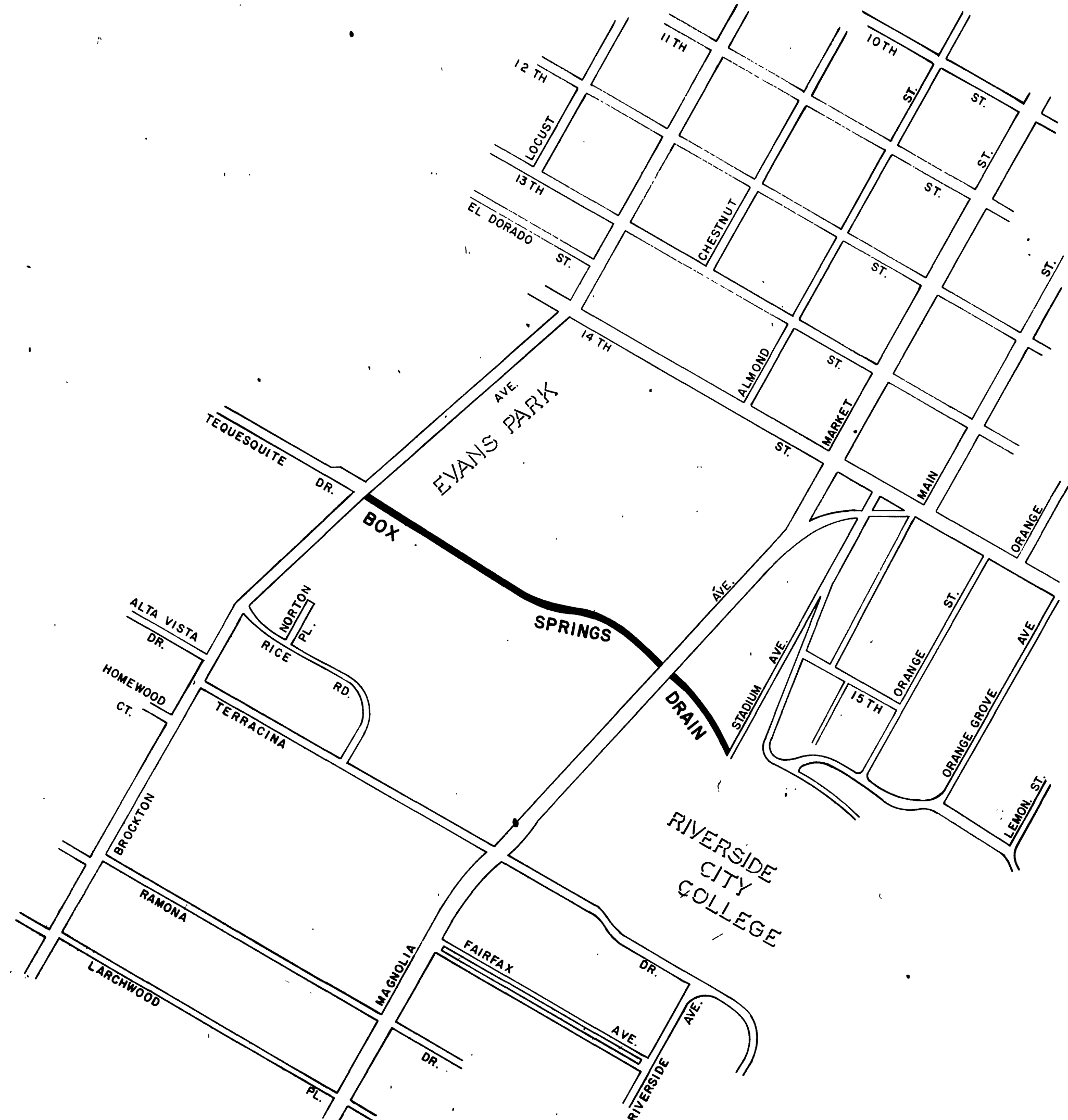
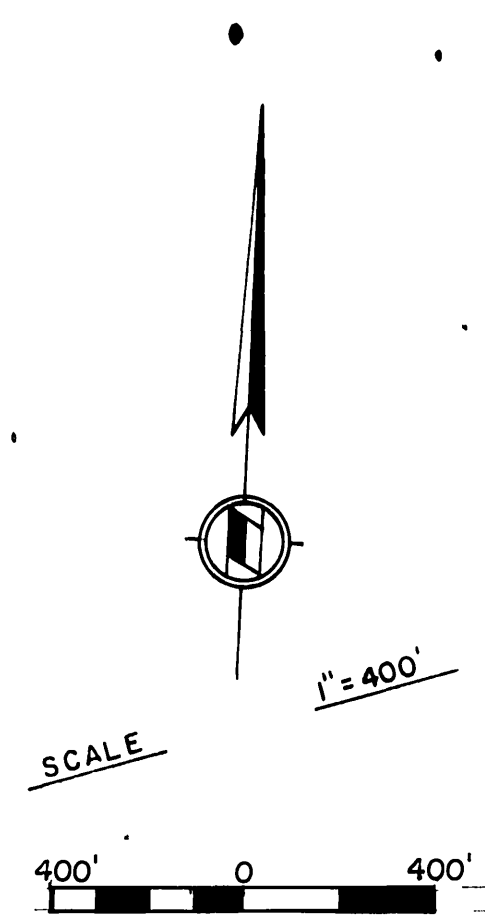
SURVEY CONTROL LINE			
POINT	COORDINATES		
	NORTH	EAST	ELEV.
23	660,770.20	1,655,159.79	784.75
27	660,324.74	1,655,940.44	798.28
28	660,193.85	1,655,792.82	806.44
29	660,191.31	1,655,799.35	806.31
30	660,138.52	1,655,934.88	800.26
31	660,081.88	1,656,080.29	787.99
32	659,972.98	1,656,359.88	789.91
33	659,864.03	1,656,639.62	791.99
34	659,755.03	1,656,919.45	793.10
35	659,706.03	1,657,045.28	795.70
36	659,673.97	1,657,127.56	824.49
37	659,658.05	1,657,168.43	824.72
38	659,631.37	1,657,198.57	824.17
39	659,458.08	1,657,394.49	798.15



<b>REVISIONS</b> Alignment Changed from Sta. 54+61.77 to 56+40.57 6/13/76		<b>RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT</b>		<b>BOX SPRINGS DRAIN</b> <b>EVANS PARK LATERAL</b> <b>TIE DETAILS</b> 1970 STORM DRAIN BOND ISSUE PROJECT NO. 6		<b>PROJECT NO.</b> 1-0-220	
DESIGNED BY: R.M. DRAWN BY: R.S. DATE DRAWN:		APPROVED BY:  CHIEF ENGINEER R.E. NO. 8822		<b>DRAWING NO.</b> 1-328		<b>SHEET NO.</b> 10 OF 35	
REF.	DESCRIPTION	APPR. DATE	CHECKED BY:	DATE:	6-2-76		

# R/W & TEMPORARY EASEMENTS

IN THE CITY OF RIVERSIDE  
 IN THE COUNTY OF RIVERSIDE  
 BEING A PORTION OF LOTS 154, 155 AND 156, S.C.C. ASSOCIATION, M.B. 7, PG. 3,  
 RECORDS OF SAN BERNARDINO COUNTY, LOCATED IN THE JURUPA RANCHO.  
 RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT MARCH, 1976



**NOTE:**

PARCEL 1220-0

INDICATES RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT RIGHT OF WAY PARCEL NUMBERS.

**SURVEYOR'S NOTE:**

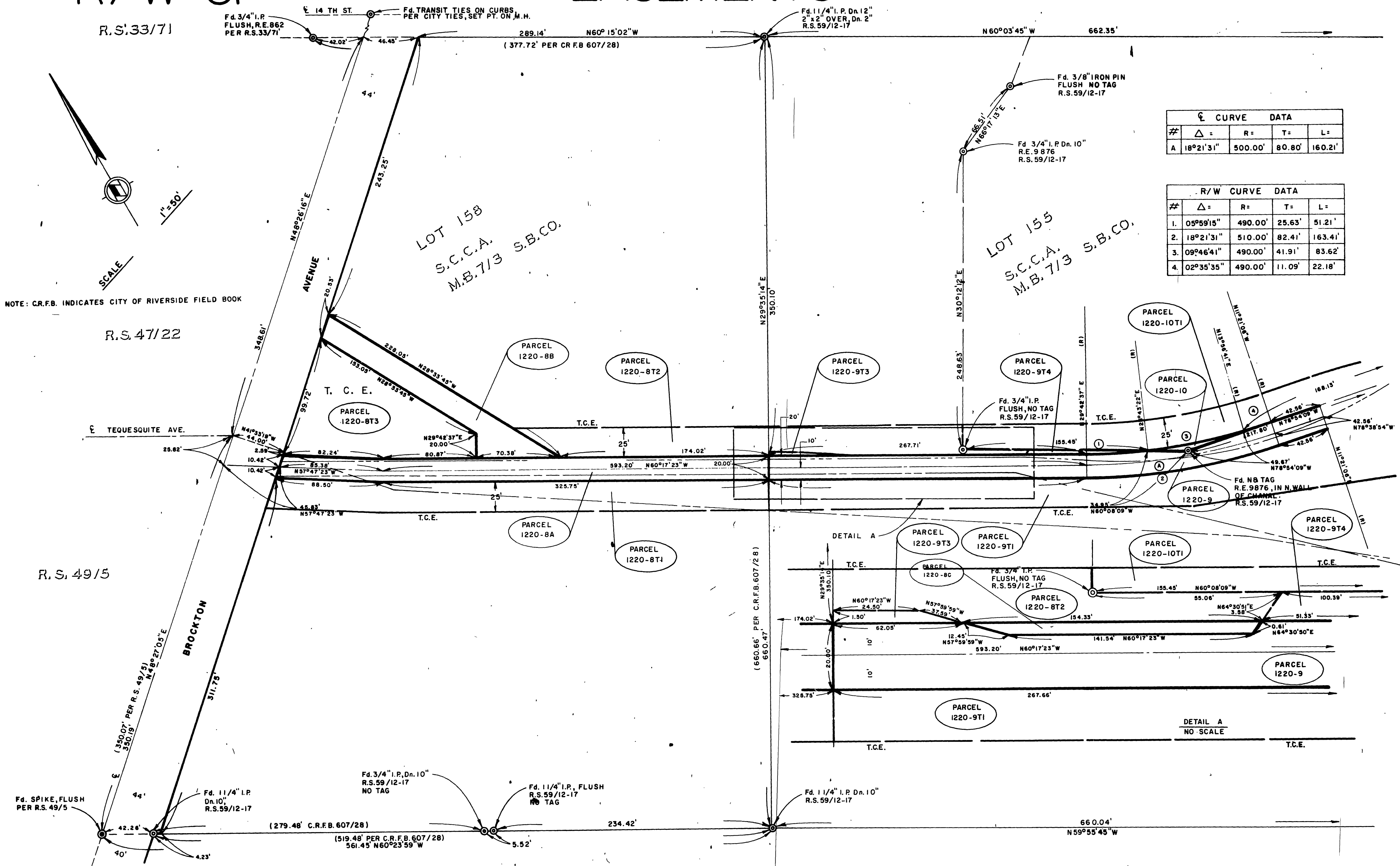
1. IRON PIPE OR MONUMENTS FOUND AS NOTED, SHOWN THUS
2. NOTHING SET, POSITION DETERMINED BY CALCULATION UNLESS OTHERWISE NOTED, SHOWN THUS
3. SET 3/4" IRON PIPE WITH PLASTIC PLUG MKD. R.C.F.C. & W.C.D. SHOWN THUS (SET FLUSH)
4. BASIS OF BEARINGS FOR THIS SURVEY IS THE CENTER LINE OF MAGNOLIA, N42°56'44"E AS SHOWN ON R.S. 59/12-17

REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		INDEX OF	
			DESIGNED BY:	APPROVED BY:	PROJECT NO. 1-0-220	
			DRAWN BY:	<i>John W. Bryant</i>	DRAWING NO. 1-328	
			DATE DRAWN:	CHIEF ENGINEER R.E. NO. 8822	SHEET NO. 11 OF 35	
REF.	DESCRIPTION	APPR. DATE	CHECKED BY:	DATE: 6-2-76	1970 STORM DRAIN BOND ISSUE PROJECT NO. 6	

**BOX SPRINGS DRAIN  
 EVANS PARK LATERAL  
 R/W & TEMPORARY EASEMENTS**

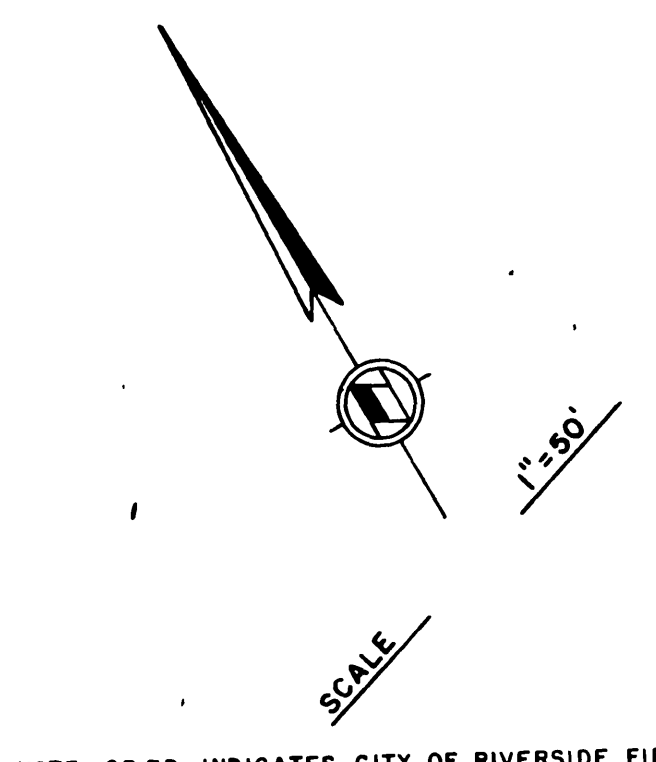
# IN THE CITY OF RIVERSIDE IN THE COUNTY OF RIVERSIDE

## R/W & TEMPORARY EASEMENTS



C CURVE DATA			
#	Δ =	R =	L =
A	18°21'31"	500.00'	160.21'

R/W CURVE DATA			
#	Δ =	R =	L =
1.	05°59'15"	490.00'	51.21'
2.	18°21'31"	510.00'	163.41'
3.	09°46'41"	490.00'	83.62'
4.	02°35'35"	490.00'	22.18'



NOTE: C.R.F.B. INDICATES CITY OF RIVERSIDE FIELD BOOK

REF.	DESCRIPTION	APPR. DATE

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT**

DESIGNED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 DATE DRAWN: \_\_\_\_\_

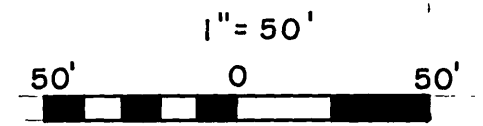
APPROVED BY: *John W. Bergant*  
 CHIEF ENGINEER R.E. NO. 8822  
 DATE: 6-2-76

**BOX SPRINGS DRAIN  
EVANS PARK LATERAL**

**R/W & TEMPORARY EASEMENTS**

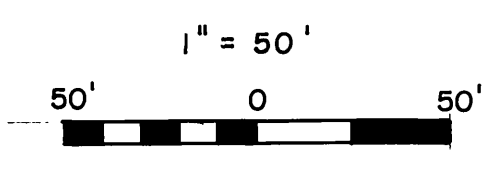
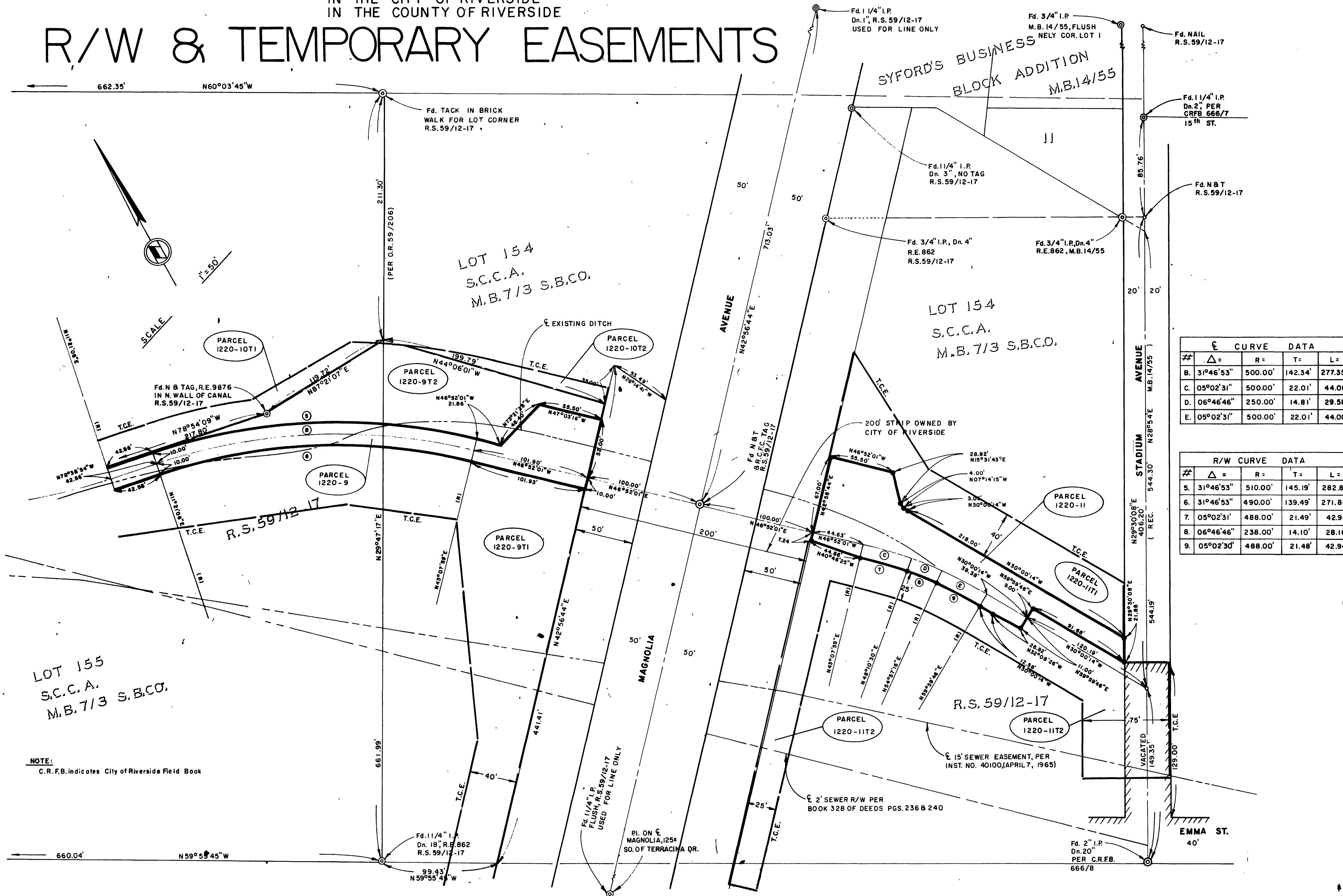
1970 STORM DRAIN BOND ISSUE PROJECT NO. 6

PROJECT NO. 1-0-220
DRAWING NO. 1-328
SHEET NO. 12 OF 35



# IN THE CITY OF RIVERSIDE IN THE COUNTY OF RIVERSIDE

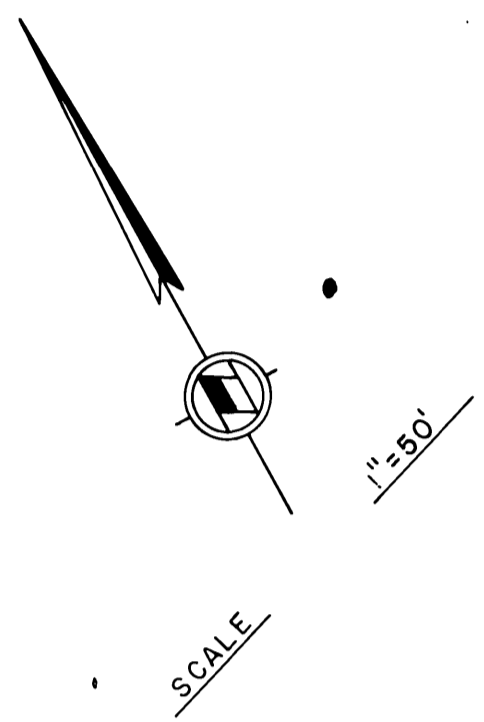
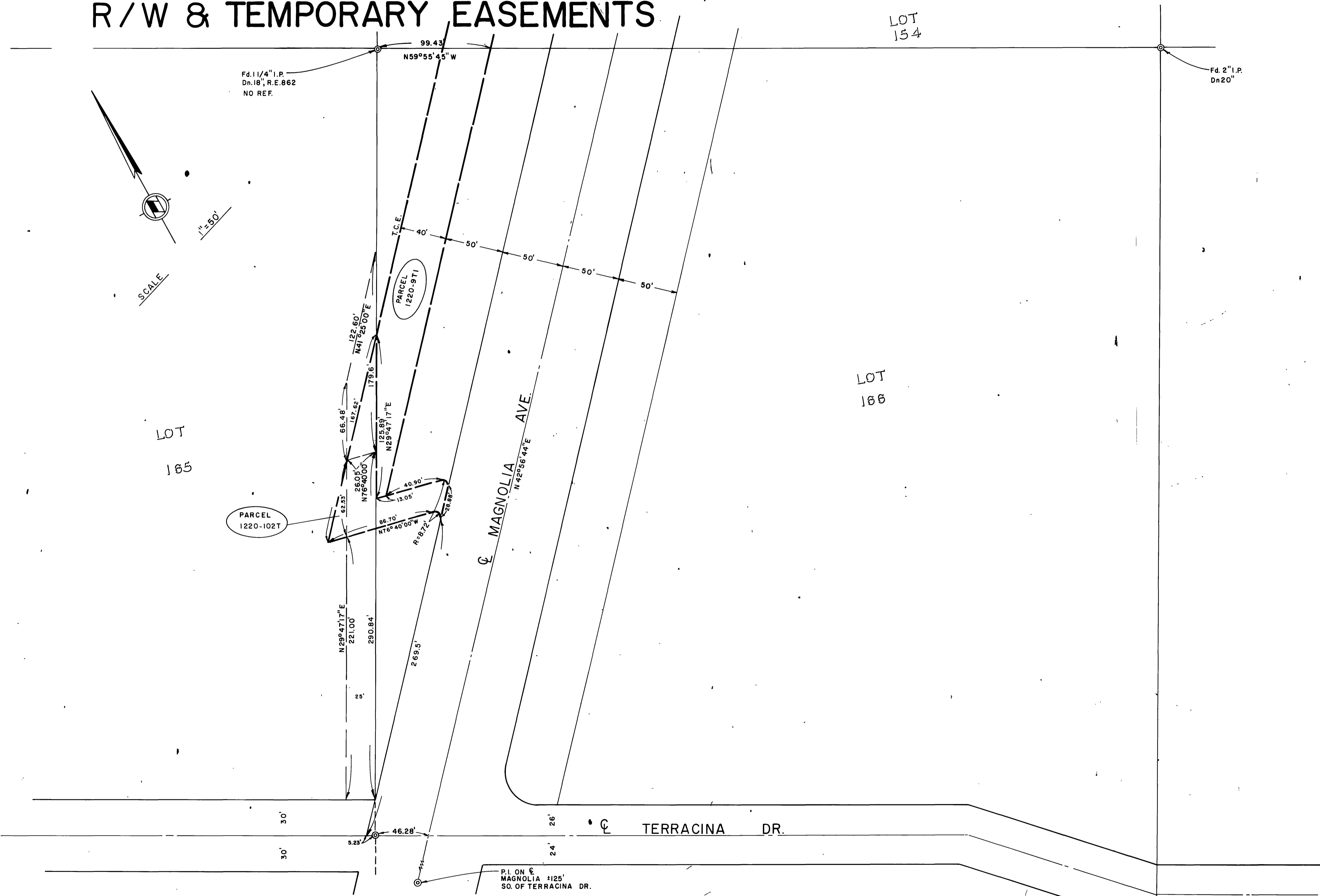
## R/W & TEMPORARY EASEMENTS



REVISIONS		RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		INDEX OF PROJECT NO. 1-0-220
		DESIGNED BY: DRAWN BY: DATE DRAWN: CHECKED BY:		DRAWING NO. 1-328
		APPROVED BY: CHIEF ENGINEER R.E. NO. 8822		SHEET NO. 13 OF 35
		DATE: 6-2-76		1970 STORM DRAIN BOND ISSUE PROJECT NO. 6

IN THE CITY OF RIVERSIDE  
IN THE COUNTY OF RIVERSIDE

# R/W & TEMPORARY EASEMENTS



LOT  
185

LOT  
154

LOT  
166

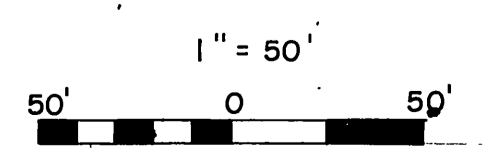
MAGNOLIA AVE.  
N 42° 06' 44" E

TERRACINA DR.

P.I. ON E MAGNOLIA 1125' SO. OF TERRACINA DR.

PARCEL 1220-102T

PARCEL 1220-97I



REVISIONS		
REF.	DESCRIPTION	APPR. DATE

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT**

DESIGNED BY: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_

DATE DRAWN: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_

APPROVED BY: *John W. Bayard*  
CHIEF ENGINEER R.E. NO. 8822

DATE: 6-2-76

**BOX SPRINGS DRAIN  
EVANS PARK LATERAL  
R/W & TEMPORARY EASEMENTS**

1970 STORM DRAIN BOND ISSUE PROJECT NO. 6

PROJECT NO. 1-0-220
DRAWING NO. 1-328
SHEET NO. 14 OF 35