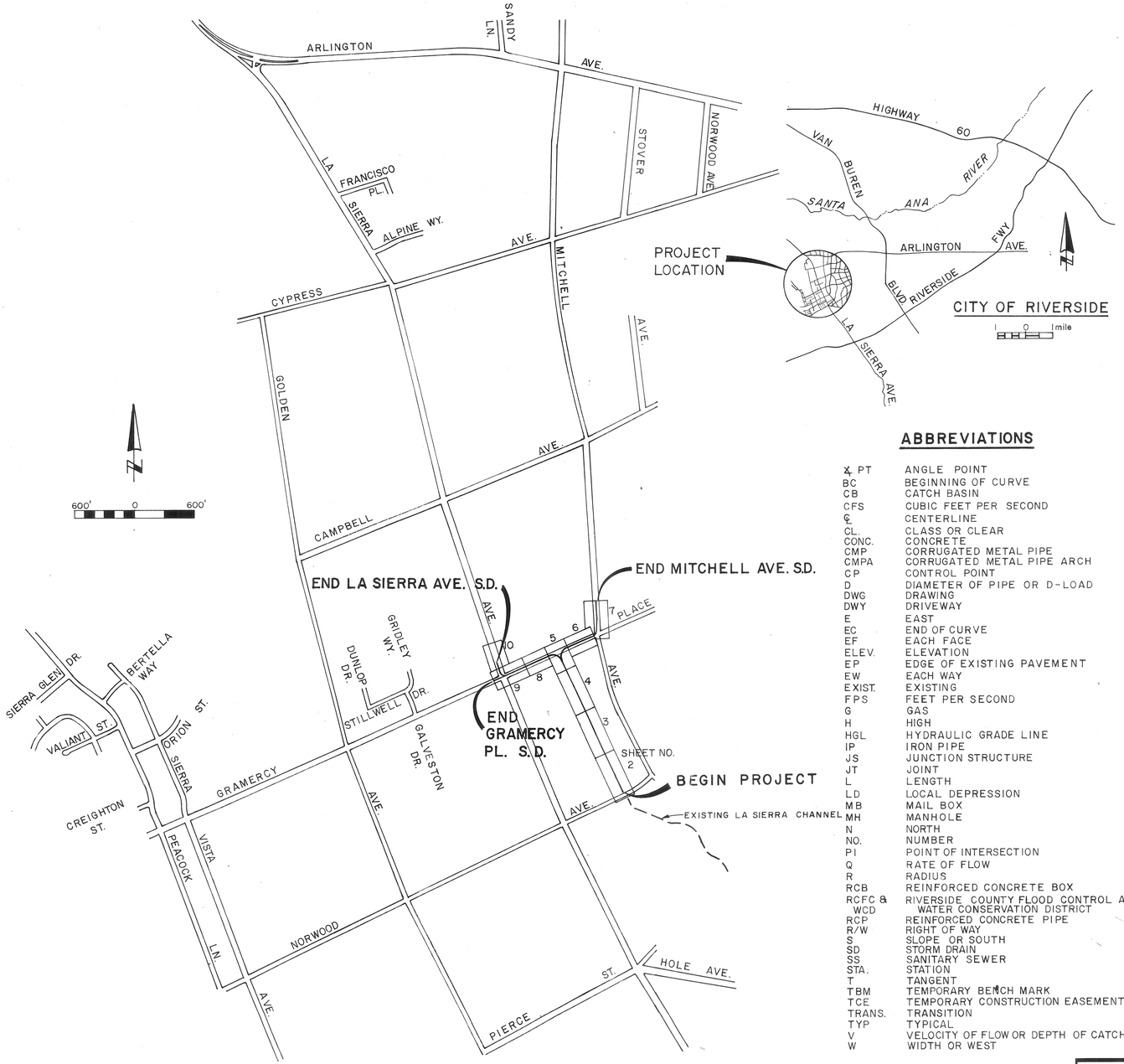
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT



CITY OF RIVERSIDE

LA SIERRA

LEGEND

CATCH BASIN
CULVERT WITH HEADWALL
ELECTRIC LINE, UNDERGROUND — E —
FENCE, CHAIN LINK EXISTING
FENCE, WIRE X — X — X
FIRE HYDRANT
FLOW LINE
GAS LINE, I.D. IN INCHES — G2 —
JUNCTION STRUCTURE NO. 2
LIGHT STANDARD
MAILBOX OR
MANHOLE, SEWER
POLE WITH ANCHOR
POWER POLE
RIGHT OF WAY, FLOOD CONTROL — R/W —
RIGHT OF WAY, STREET
SANITARY SEWER LINE, I.D. IN INCHES — SS8 —
SHRUBS
SIGN
SOIL BORING
STORM DRAIN, EXISTING, I.D. IN INCHES — SD36 —
STREET LIGHT ON MAST ARM
STREET LIGHT CONDUIT — SL —
TELEPHONE CABLE, UNDERGROUND — T —
TEMPORARY CONSTRUCTION EASEMENT — TCE —
TREE, OTHER THAN PALM
TREE, PALM
WATER LINE, I.D. IN INCHES — W4 —
WATER METER
WATER VALVE
FIELD LIGHTS

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ABBREVIATIONS

∡ PT	ANGLE POINT
BC	BEGINNING OF CURVE
CB	CATCH BASIN
CFS	CUBIC FEET PER SECOND
℄	CENTERLINE
CL.	CLASS OR CLEAR
CONC.	CONCRETE
CMP	CORRUGATED METAL PIPE
CMPA	CORRUGATED METAL PIPE ARCH
CP	CONTROL POINT
D	DIAMETER OF PIPE OR D-LOAD
DWG	DRAWING
DWY	DRIVEWAY
E	EAST
EC	END OF CURVE
EF	EACH FACE
ELEV.	ELEVATION
EP	EDGE OF EXISTING PAVEMENT
EW	EACH WAY
EXIST.	EXISTING
FPS	FEET PER SECOND
G	GAS
H	HIGH
HGL	HYDRAULIC GRADE LINE
IP	IRON PIPE
JS	JUNCTION STRUCTURE
JT	JOINT
L	LENGTH
LD	LOCAL DEPRESSION
MB	MAIL BOX
MH	MANHOLE
N	NORTH
NO.	NUMBER
PI	POINT OF INTERSECTION
Q	RATE OF FLOW
R	RADIUS
RCB	REINFORCED CONCRETE BOX
RCFC & WCD	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
S	SLOPE OR SOUTH
SD	STORM DRAIN
SS	SANITARY SEWER
STA.	STATION
T	TANGENT
TBM	TEMPORARY BENCH MARK
TCE	TEMPORARY CONSTRUCTION EASEMENT
TRANS.	TRANSITION
TYP	TYPICAL
V	VELOCITY OF FLOW OR DEPTH OF CATCH BASIN
W	WIDTH OR WEST

GENERAL NOTES

1. TIES FOR CATCH BASINS AS SHOWN ON THE DRAWINGS ARE FROM THE CURB RETURN TO CENTERLINE OF CATCH BASIN, UNLESS OTHERWISE SHOWN.
2. JUNCTION STRUCTURE NO. 4 SHALL BE USED FOR ALL INLET CONNECTIONS TO THE MAINLINE PIPE UNLESS OTHERWISE SHOWN.
3. EXISTING STORM DRAINS CUT DURING CONSTRUCTION TO BE ABANDONED SHALL BE SEALED WITH 6" OF CLASS "B" CONCRETE NOTED ON THE DRAWINGS AS "PLUG".
4. PAVEMENT REPLACEMENT SHALL BE 3" OF ASPHALTIC CONCRETE ON 6" OF CLASS 3 BASE.
5. JUNCTION STRUCTURE NO. 3 SHALL BE USED FOR ALL INLET CONNECTIONS TO MAINLINE BOX UNLESS OTHERWISE SHOWN.

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

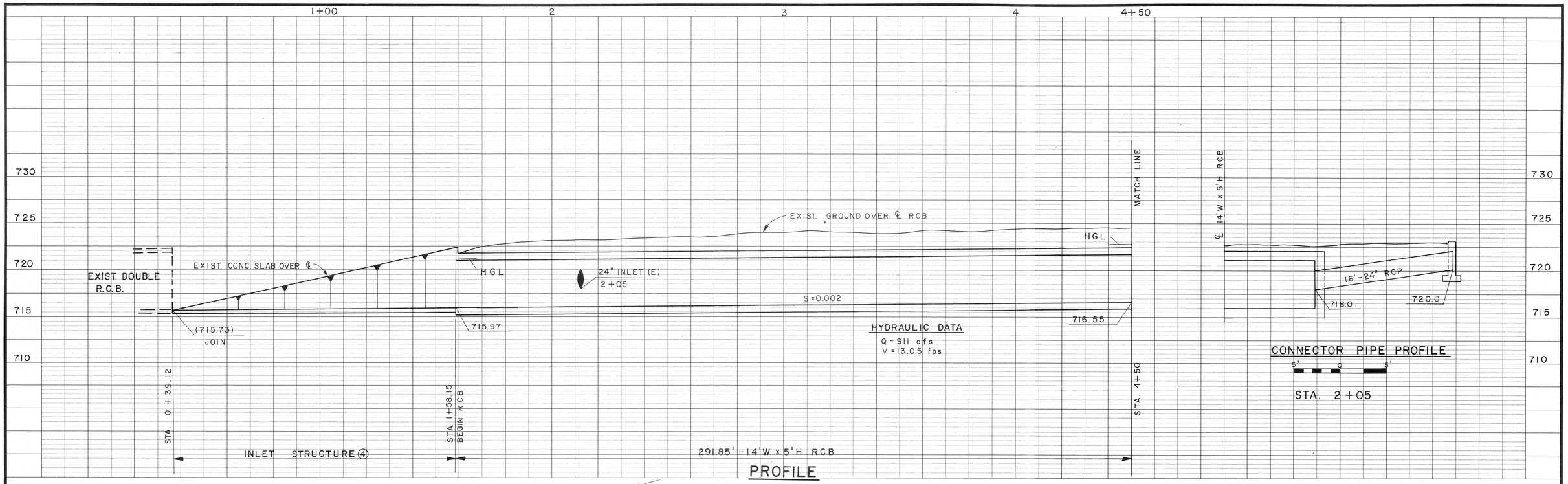
DESIGNED BY: A. PRIVITT
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY: A.G.K.
APPROVED BY: Andrew G. Geldert
CHIEF ENGINEER-R.E. NO. 8822
DATE: 12-3-73

LA SIERRA CHANNEL
MITCHELL AVENUE STORM DRAIN
STAGE I
TITLE SHEET
1970 STORM DRAIN BOND ISSUE PROJECT NO. 19

PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 1 OF 37

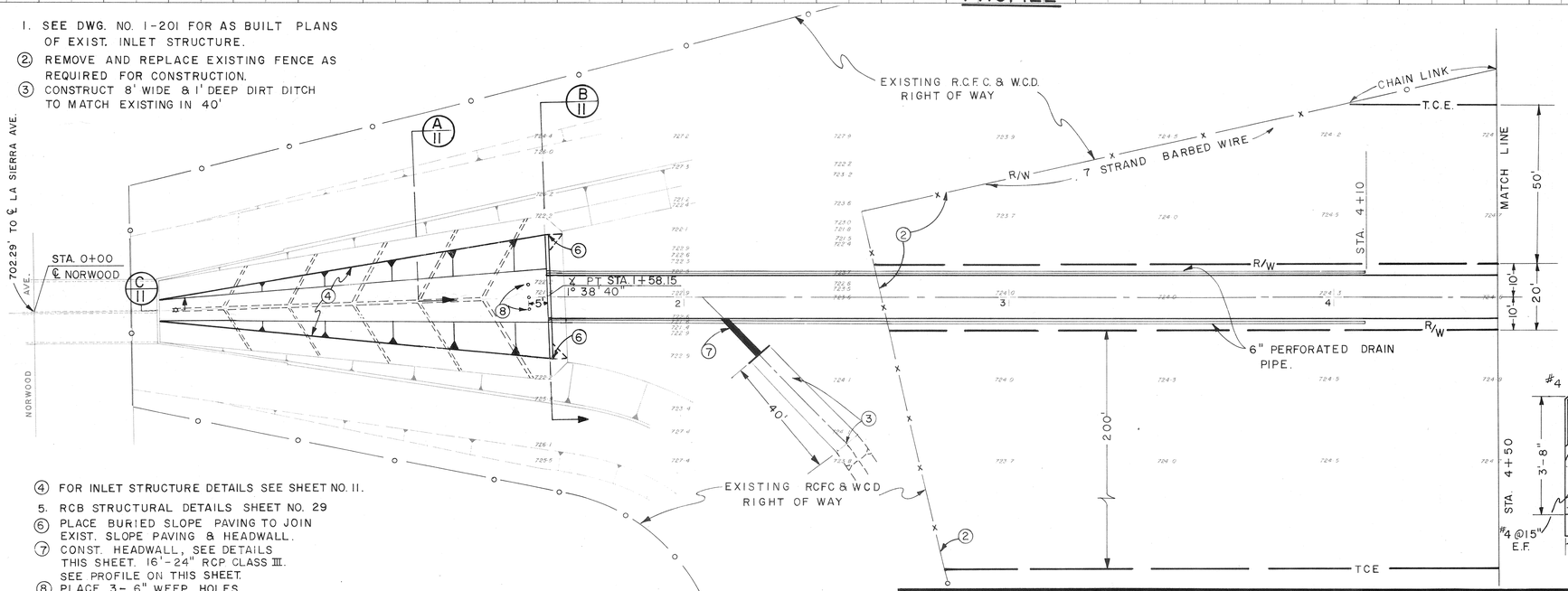
AS BUILT

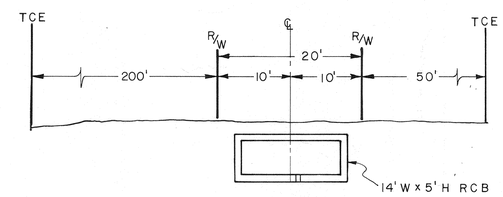
Fa Sierra Channel



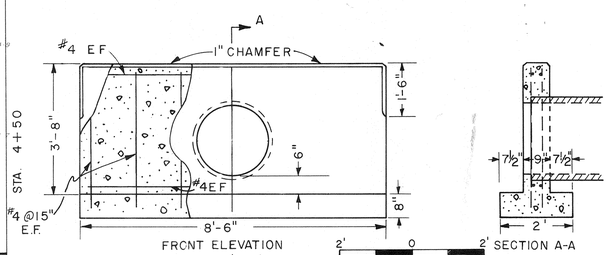
PROFILE

1. SEE DWG. NO. 1-201 FOR AS BUILT PLANS OF EXIST. INLET STRUCTURE.
2. REMOVE AND REPLACE EXISTING FENCE AS REQUIRED FOR CONSTRUCTION.
3. CONSTRUCT 8' WIDE & 1' DEEP DIRT DITCH TO MATCH EXISTING IN 40'





CROSS SECTION
STA. 4+10



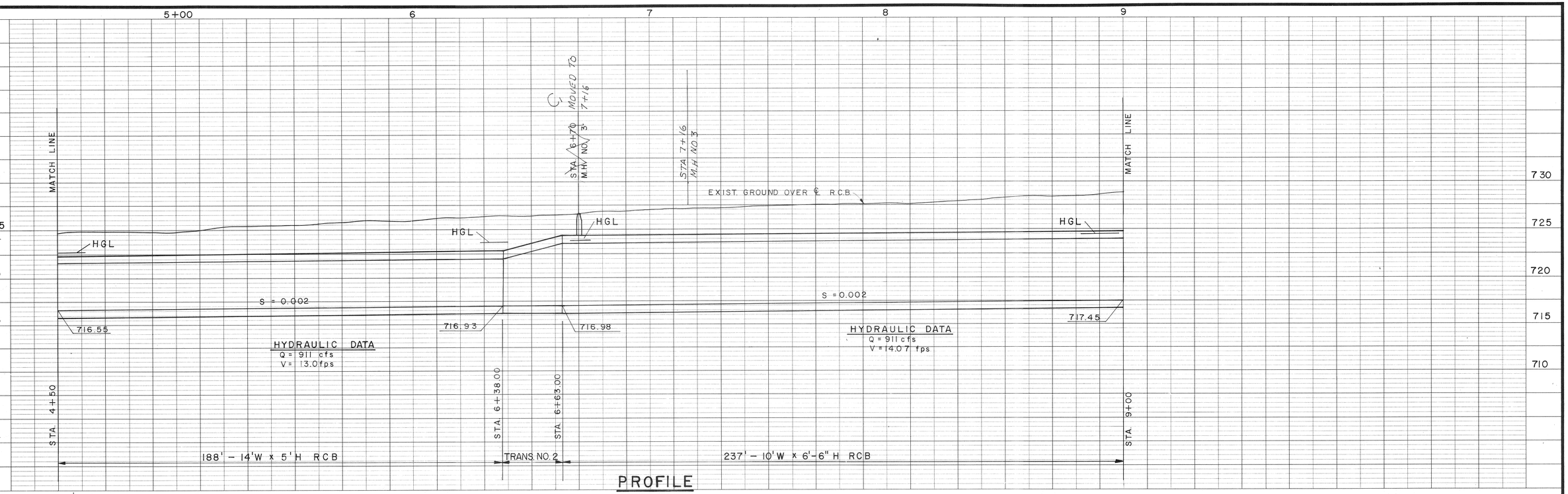
HEADWALL DETAILS

4. FOR INLET STRUCTURE DETAILS SEE SHEET NO. 11.
5. RCB STRUCTURAL DETAILS SHEET NO. 29
6. PLACE BURIED SLOPE PAVING TO JOIN EXIST. SLOPE PAVING & HEADWALL.
7. CONST. HEADWALL, SEE DETAILS THIS SHEET. 16'-24" RCP CLASS III. SEE PROFILE ON THIS SHEET.
8. PLACE 3-6" WEEP HOLES.

PLAN
1"=20'

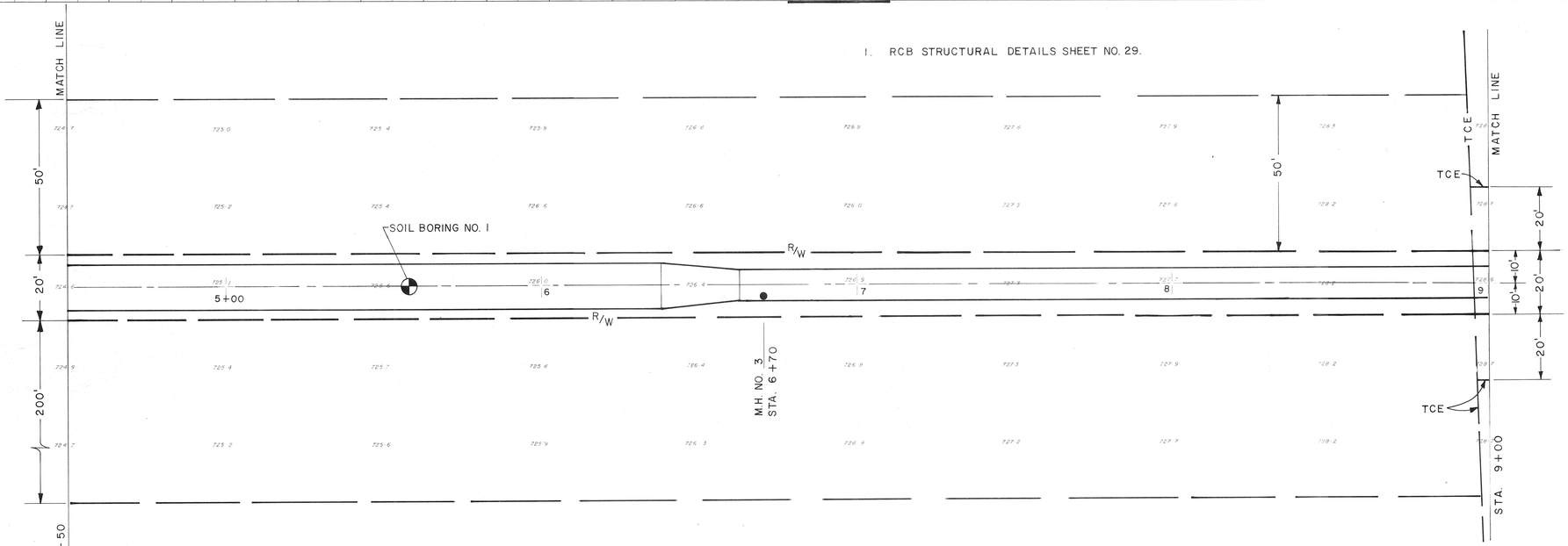
BENCH MARK TBM - CHISELED "X" ON TOP OF HEADWALL N/S OF NORWOOD. 711' E. OF LA SIERRA AVE. ELEV. 723.25	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	LA SIERRA CHANNEL
SCALE:	No Change	DESIGNED BY: A. PRIVITT	MITCHELL AVENUE STORM DRAIN
DATE:	REF. DESCRIPTION APPR. DATE	DRAWN BY: S. Moody	STAGE I
		DATE DRAWN:	STA. 0+39.12 TO STA. 4+50
		CHECKED BY: A.G.K.	1970 STORM DRAIN BOND ISSUE PROJECT NO. 19
		APPROVED BY: John W. Bergant, CHIEF ENGINEER R.E. NO. 8822	PROJECT NO. 1-0-065
		DATE: 12-3-73	DRAWING NO. 1-295
			SHEET NO. 2 OF 37

AS BUILT



PROFILE

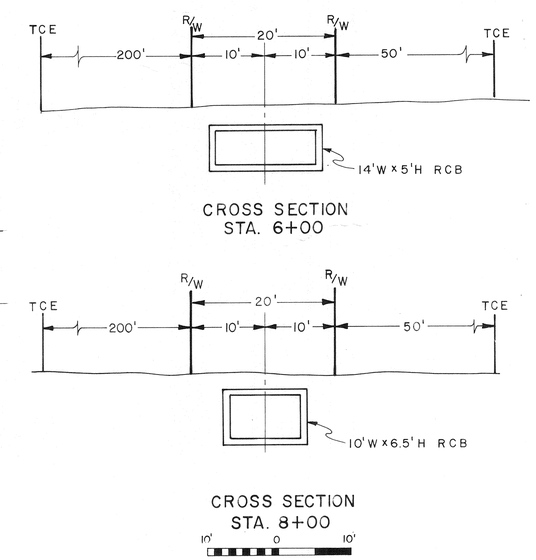
1. RCB STRUCTURAL DETAILS SHEET NO. 29.



PLAN

1" = 20'

20' 0 20'



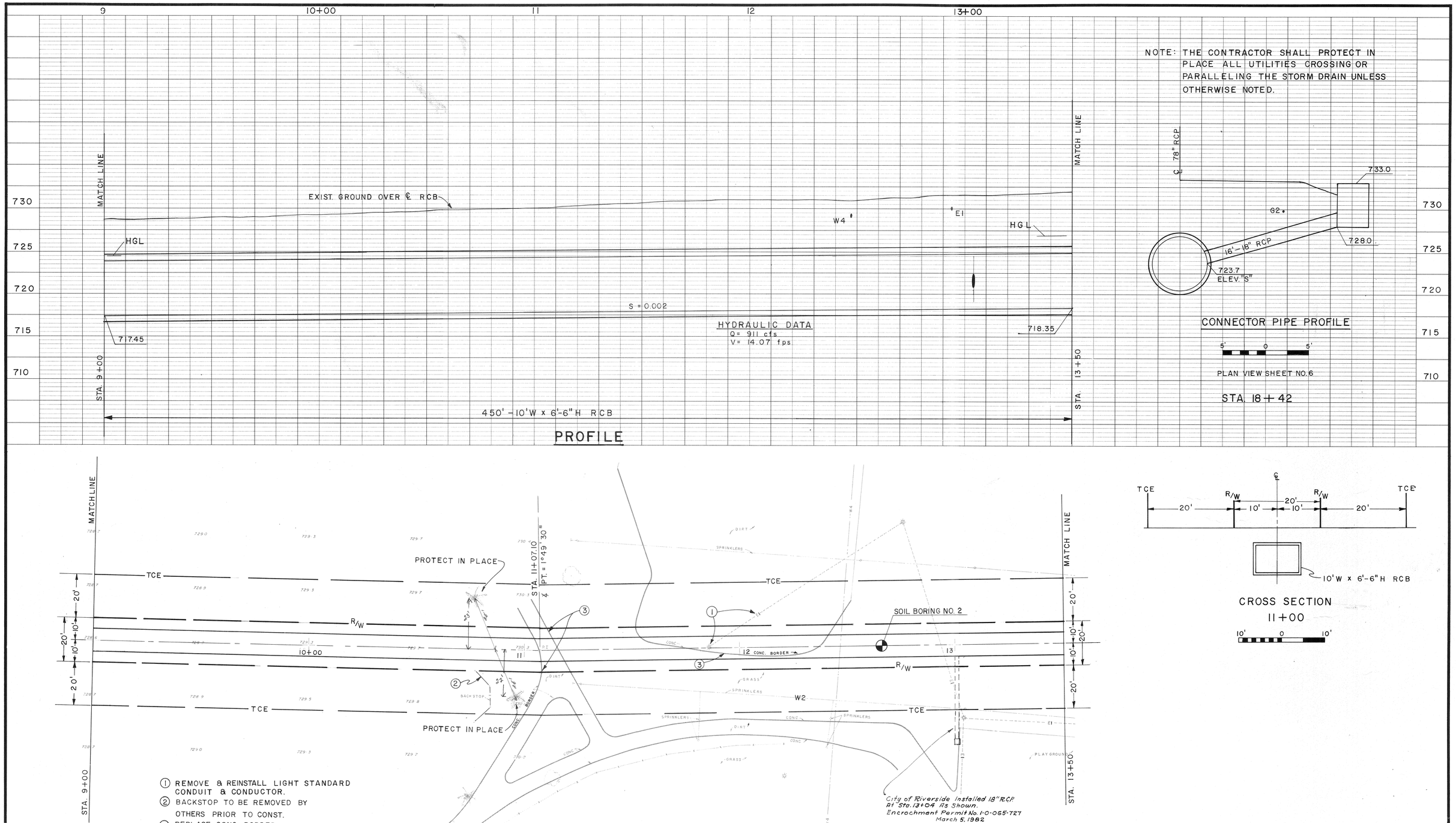
BENCH MARK: SEE SHEET NO. 2	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	LA SIERRA CHANNEL
SCALE:		DESIGNED BY: A. PRIVITT	MITCHELL AVENUE STORM DRAIN STAGE I
DATE:	C1 Moved M.H. No 3 to Sta. 7+16 (REF. / DESCRIPTION / APPR. / DATE)	DRAWN BY: Woody	STA. 4+50 TO STA. 9+00
		DATE DRAWN:	1970 STORM DRAIN BOND ISSUE PROJECT NO. 19
		CHECKED BY: A.G.K.	APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822
			DATE: 12-3-73

PROJECT NO. 1-0-065

DRAWING NO. 1-295

SHEET NO. 3 OF 37

AS BUILT



① REMOVE & REINSTALL LIGHT STANDARD CONDUIT & CONDUCTOR.
② BACKSTOP TO BE REMOVED BY OTHERS PRIOR TO CONST.
③ REPLACE CONC. BORDER.
4. RCB STRUCTURAL DETAILS SHEET NO. 29.

PLAN

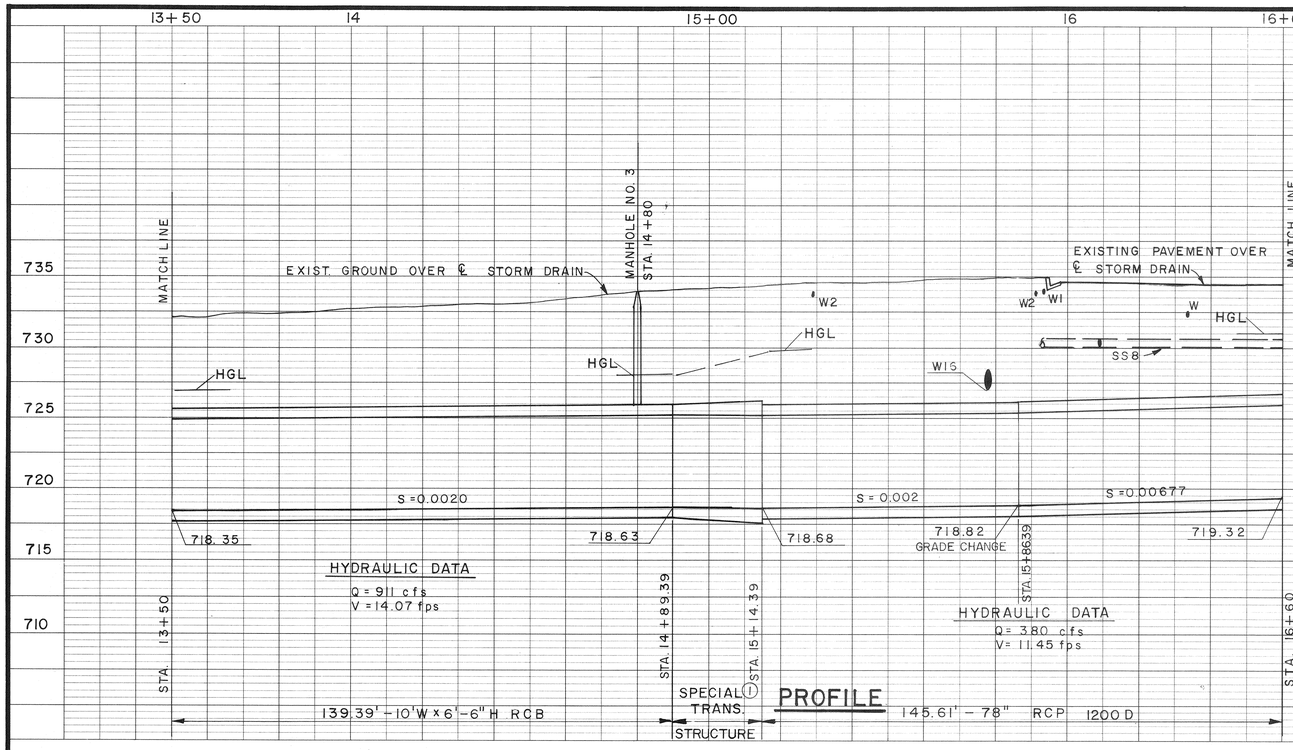
1"=20'

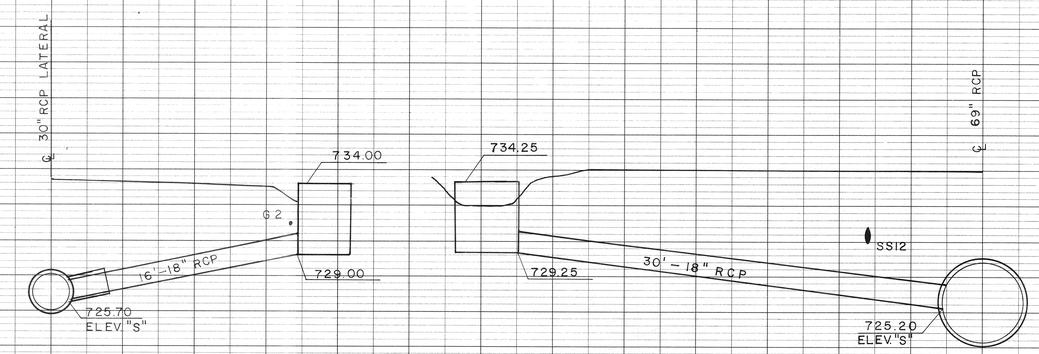
20' 0 20'

BENCH MARK SEE SHEET NO. 2	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	LA SIERRA CHANNEL MITCHELL AVENUE STORM DRAIN STAGE I STA. 9+00 TO STA. 13+50 1970 STORM DRAIN BOND ISSUE PROJECT NO. 19
SCALE:	C No Change	DESIGNED BY: A. PRIVITT DRAWN BY: S. Moody DATE DRAWN:	APPROVED BY: John W. Bergant CHIEF ENGINEER R.E. NO. 8822 DATE: 12-3-73
DATE:	REF. DESCRIPTION APPR. DATE	CHECKED BY: A.G.K.	PROJECT NO. 1-0-065 DRAWING NO. 1-295 SHEET NO. 4 OF 37

AS BUILT

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





CONNECTOR PIPE PROFILE

PLAN VIEW SHEET NO. 7

5' 0 5'

STA. 0+83 LATERAL

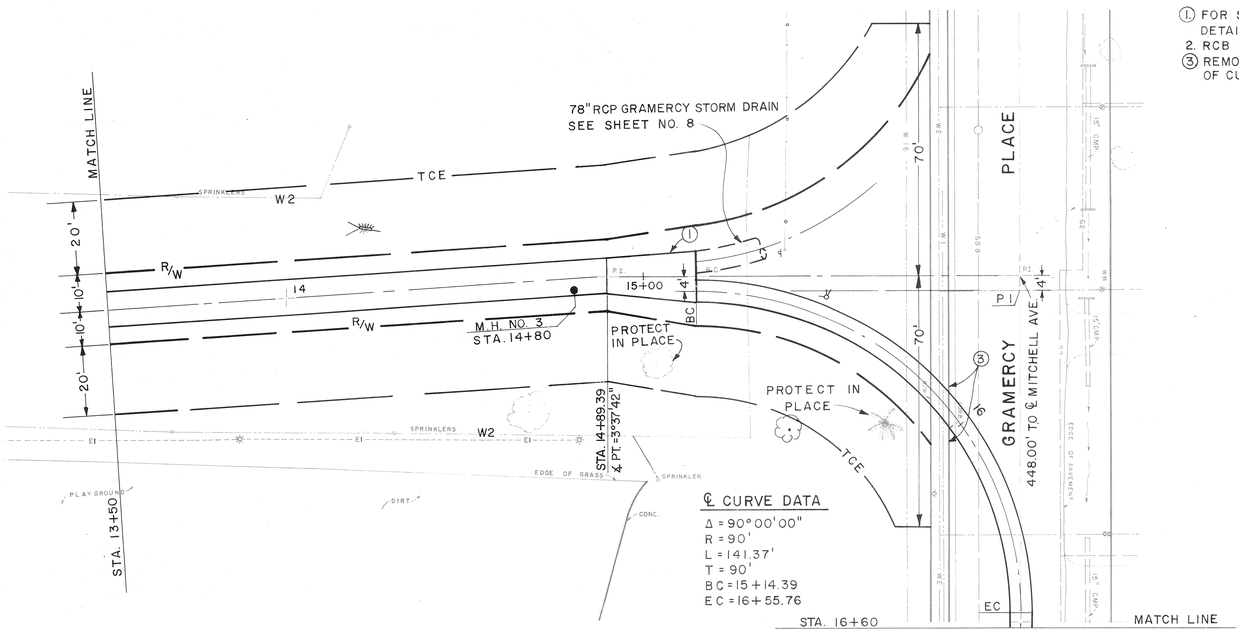
CONNECTOR PIPE PROFILE

PLAN VIEW SHEET NO. 7

5' 0 5'

STA. 20+83

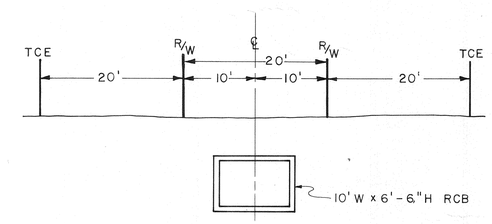
① FOR SPECIAL TRANSITION STRUCTURE DETAILS SEE SHEET NO. 11 & SHEET NO. 29
2. RCB STRUCTURAL DETAILS SHEET NO. 29.
③ REMOVE AND REPLACE INTERFERING PORTIONS OF CURB AND GUTTER.



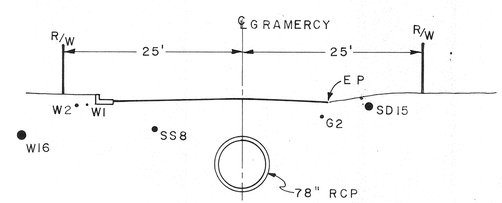
PLAN

1" = 20'

20' 0 20'



CROSS SECTION
STA. 14+00



CROSS SECTION
STA. 16+60

10' 0 10'

BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	LA SIERRA CHANNEL MITCHELL AVENUE STORM DRAIN STAGE I	PROJECT NO. 1-0-065
SEE SHEET NO. 7.		DESIGNED BY: A. PRIVITT	STA. 13+50 TO STA. 16+60	DRAWING NO. 1-295
SCALE:		DRAWN BY: S. Moody	1970 STORM DRAIN BOND ISSUE PROJECT NO. 19	SHEET NO. 5 OF 37
DATE:	No Change (REF. / DESCRIPTION / APPR. / DATE)	DATE DRAWN:		
		CHECKED BY: A.G.K.		

APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 12-3-73

AS BUILT