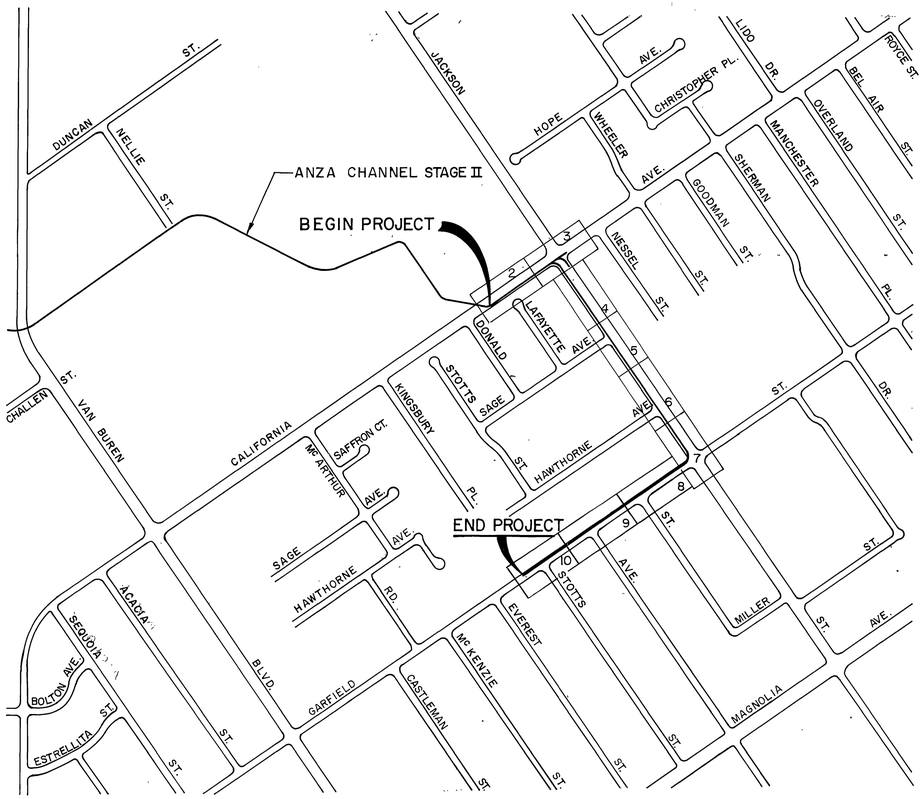
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT



LOCATION MAP

0 200' 400' 800'

GENERAL NOTES

1. JUNCTION STRUCTURE NO. 4 SHALL BE CONSTRUCTED FOR JUNCTIONS NOT OTHERWISE SPECIFIED ON THE PLAN AND PROFILE.
2. TIES TO CATCH BASINS ARE FROM THE CURB RETURN TO THE CENTERLINE OF THE CATCH BASIN UNLESS OTHERWISE SHOWN. WHERE NO TIE IS SHOWN, LOCAL DEPRESSION SHALL BEGIN AT THE CURB RETURN.
3. ALL OPENINGS RESULTING FROM CUTTING OR PARTIAL REMOVAL OF EXISTING CULVERTS, PIPES, OR SIMILIAR STRUCTURES TO BE ABANDONED SHALL BE SEALED WITH 6 INCHES OF CLASS "B" CONCRETE, NOTED ON THE DRAWINGS AS "PLUG".
4. IF CURB RETURNS ARE RECONSTRUCTED, INSTALL WHEELCHAIR RAMPS PER CITY OF RIVERSIDE STANDARD DRAWING NO. 304.
5. STREET RESURFACING SHALL BE 4 INCHES ASPHALT CONCRETE ON 14.5 INCHES CLASS 3 AGGREGATE BASE FOR CALIFORNIA AVENUE, 3 INCHES ASPHALT CONCRETE ON 14.5 INCHES CLASS 3 AGGREGATE BASE FOR JACKSON STREET AND 3 INCHES ASPHALT CONCRETE ON 6 INCHES CLASS 3 AGGREGATE BASE FOR ALL OTHER STREETS.

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

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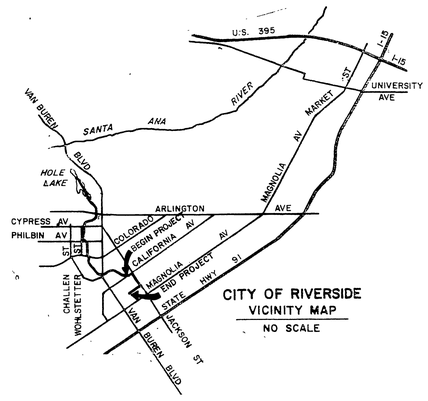


CITY OF RIVERSIDE
VICINITY MAP
NO SCALE

D-372

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: A.G.K.
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY:

APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 7-20-77

ANZA CHANNEL
STAGE III
TITLE SHEET
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-326
SHEET NO. 1 OF ~~36~~ 11

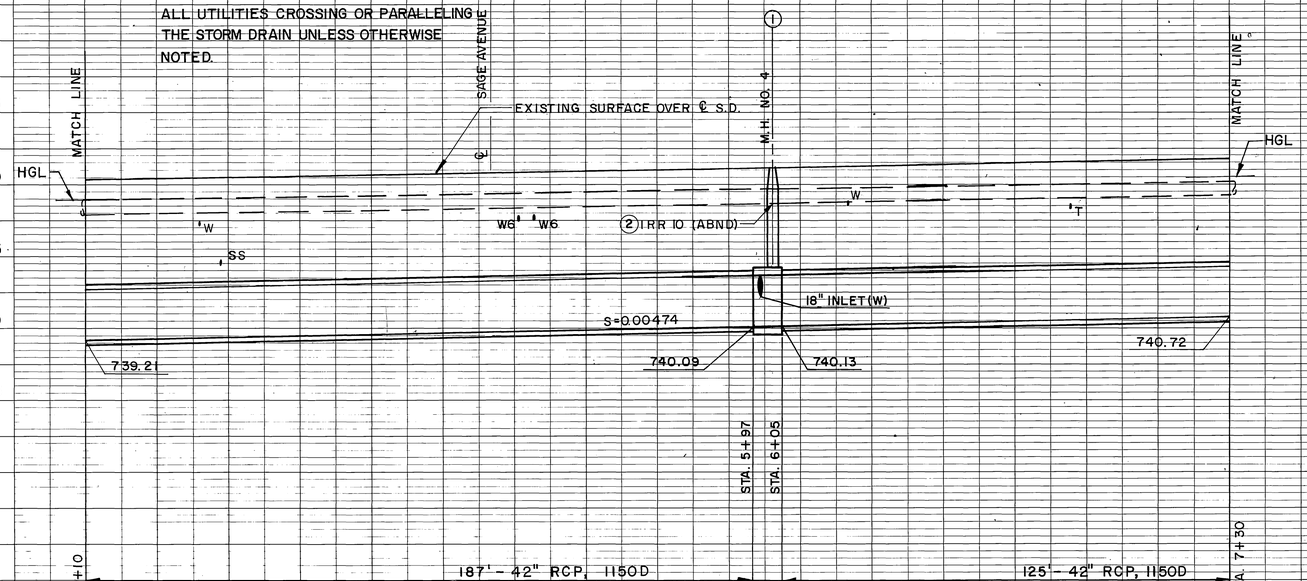
Indexed RMP

MISSING SHEET

MISSING SHEET

MISSING SHEET

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



HYDRAULIC DATA
Q = 70 CFS
V = 7.3 FPS

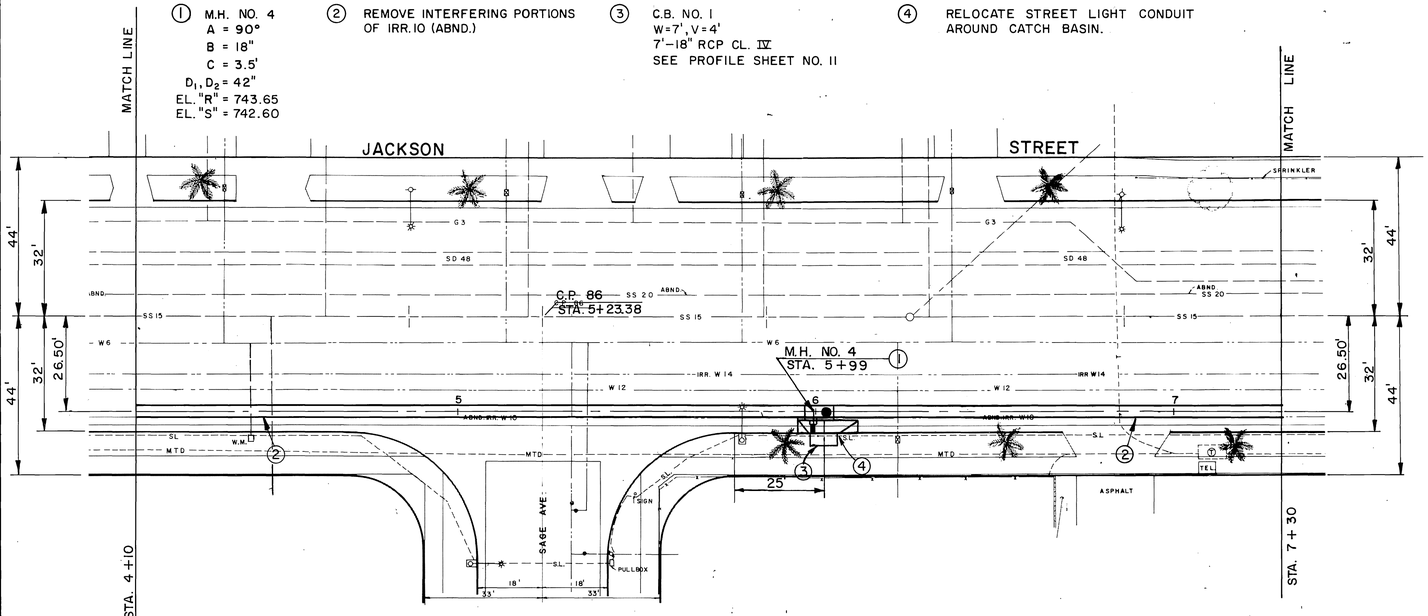
PROFILE

① M.H. NO. 4
A = 90°
B = 18"
C = 3.5'
D_1, D_2 = 42"
EL. "R" = 743.65
EL. "S" = 742.60

② REMOVE INTERFERING PORTIONS OF IRR.10 (ABND.)

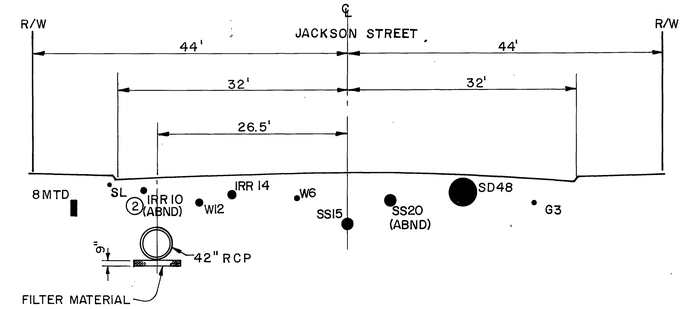
③ C.B. NO. 1
W=7', V=4'
7'-18" RCP CL. IV
SEE PROFILE SHEET NO. 11

④ RELOCATE STREET LIGHT CONDUIT AROUND CATCH BASIN.



PLAN

1"=20'



SECTION AT STA. 5+77.00

10' 0 10'

D-372

BENCH MARK C.P. 86 NAIL & TIN AT THE INTERSECTION OF JACKSON ST & SAGE AVE.
EL. 751.466

SCALE:

DATE:

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: A.G.K.
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY: R.A.M.

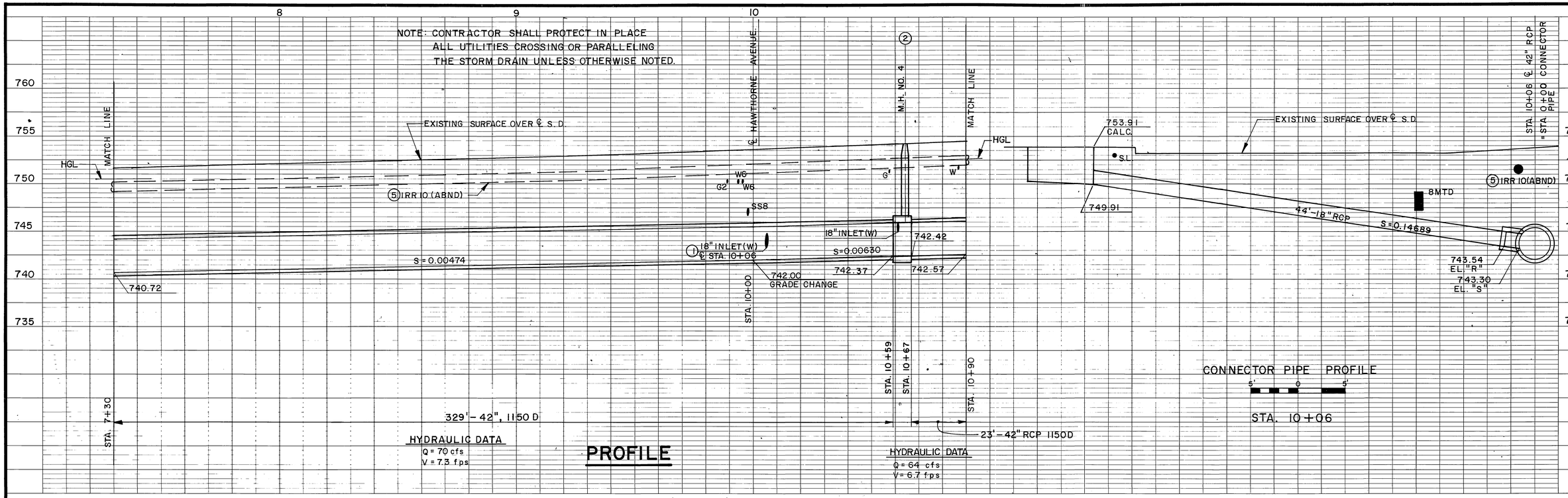
APPROVED BY:
John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 7-20-77

ANZA CHANNEL
STAGE III
STA. 4+10 TO STA. 7+30
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-326
SHEET NO. 5 OF ~~36~~ 11

Indexed RMF

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



HYDRAULIC DATA
Q = 70 cfs
V = 7.3 fps

HYDRAULIC DATA
Q = 64 cfs
V = 6.7 fps

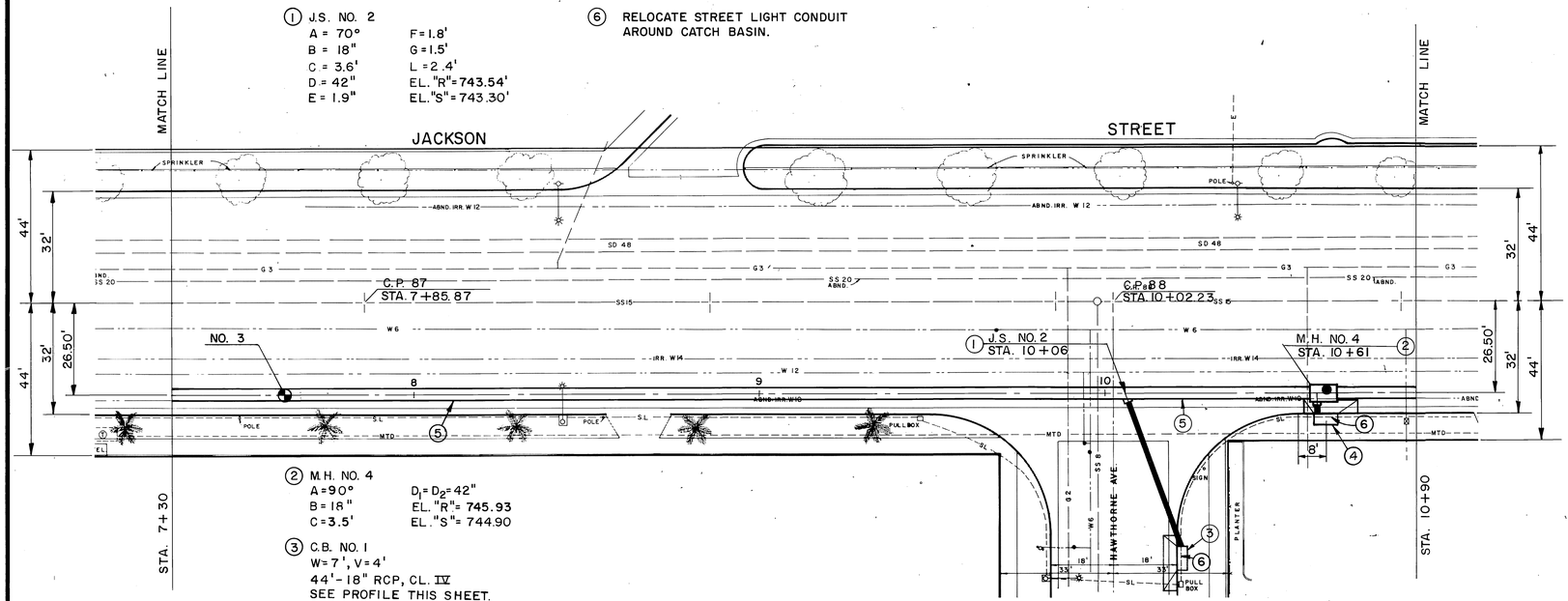
PROFILE

CONNECTOR PIPE PROFILE
5' 0 5'

STA. 10+06

① J.S. NO. 2
A = 70° F = 1.8'
B = 18" G = 1.5'
C = 3.6' L = 2.4'
D = 42" EL. "R" = 743.54'
E = 1.9" EL. "S" = 743.30'

⑥ RELOCATE STREET LIGHT CONDUIT AROUND CATCH BASIN.

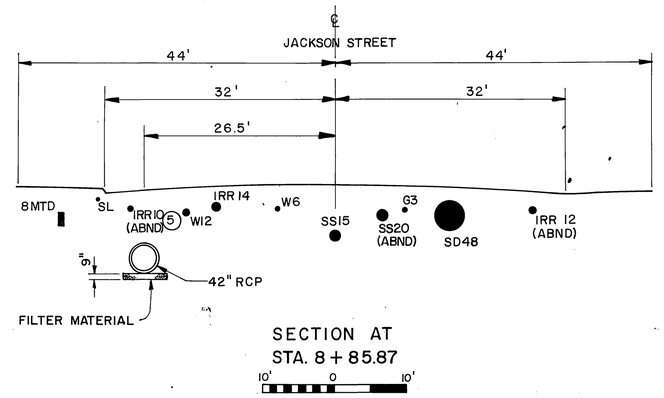


② M.H. NO. 4
A = 90° $D_1 = D_2 = 42"$
B = 18" EL. "R" = 745.93
C = 3.5' EL. "S" = 744.90

③ C.B. NO. 1
W = 7', V = 4'
44'-18" RCP, CL. IV
SEE PROFILE THIS SHEET.

④ C.B. NO. 1,
W = 7', V = 4'
7'-18" RCP, CL. IV.
SEE PROFILE SHEET NO. 11.

⑤ REMOVE INTERFERING PORTIONS OF IRR 10 (ABND.)



SECTION AT STA. 8+85.87
10' 0 10'

PLAN

1"=20'
20' 0 20'

BENCH MARK C.P 88 NAIL & TIN AT THE INTERSECTION OF JACKSON STREET AND HAWTHORNE AVENUE. EL. 754.327

SCALE:

DATE:

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: AGK
DRAWN BY: S Moody
DATE DRAWN: 7-77
CHECKED BY: R.A.M

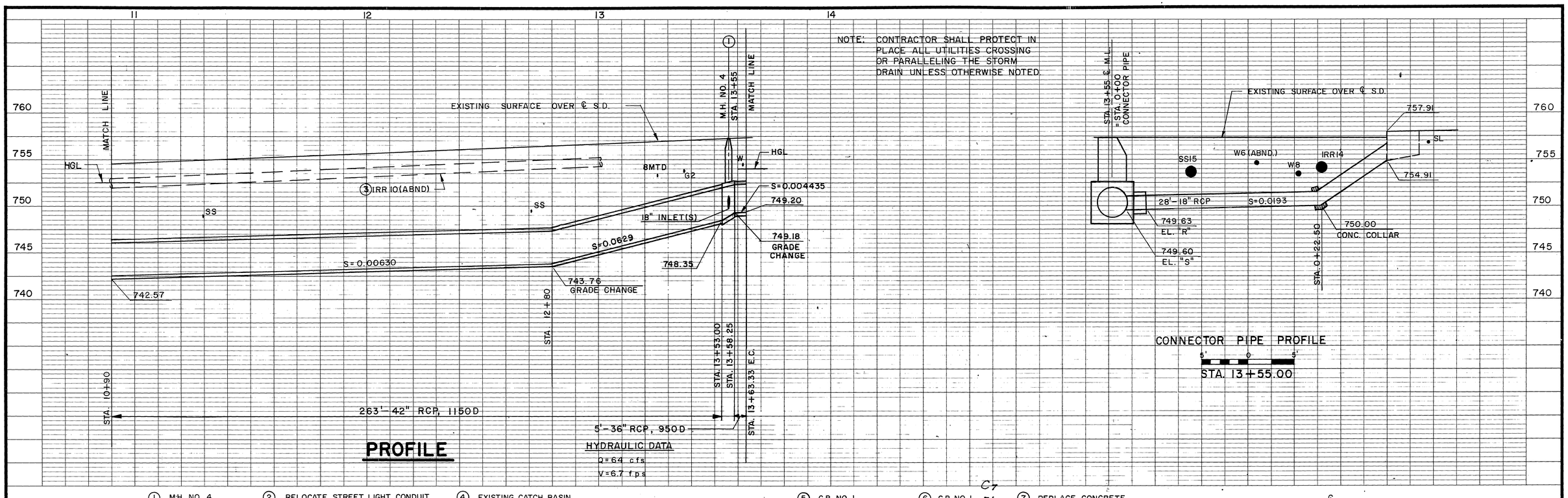
APPROVED BY:
CHIEF ENGINEER R/E. NO. 8822
DATE: 7-20-77

ANZA CHANNEL
STAGE III
STA. 7+30 TO STA. 10+90
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-326
SHEET NO. 6 OF ~~36~~ 11

D-372

Indexed RMF



① M.H. NO. 4
A = 65°
B = 18"
C = 4.0'
D_1 = 36", D_2 = 42"
EL. "R" = 749.63
EL. "S" = 749.60

② RELOCATE STREET LIGHT CONDUIT AROUND CATCH BASIN.

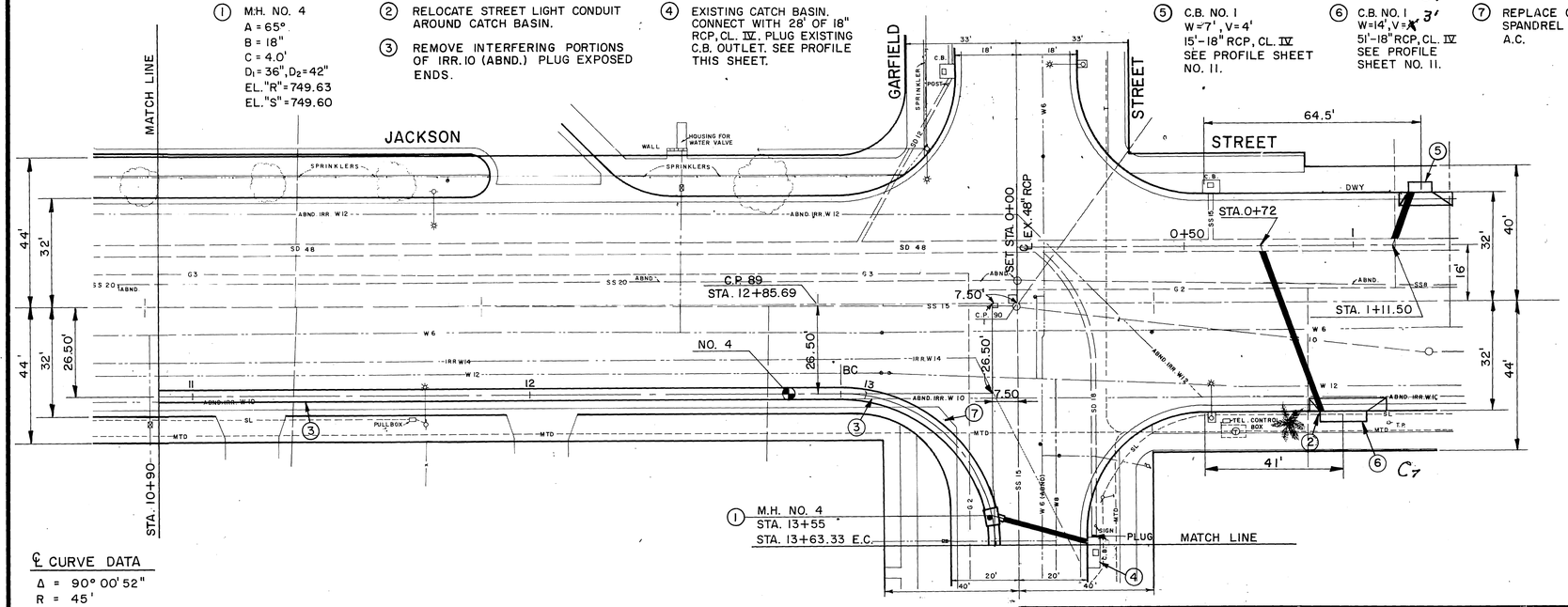
③ REMOVE INTERFERING PORTIONS OF IRR. 10 (ABND.) PLUG EXPOSED ENDS.

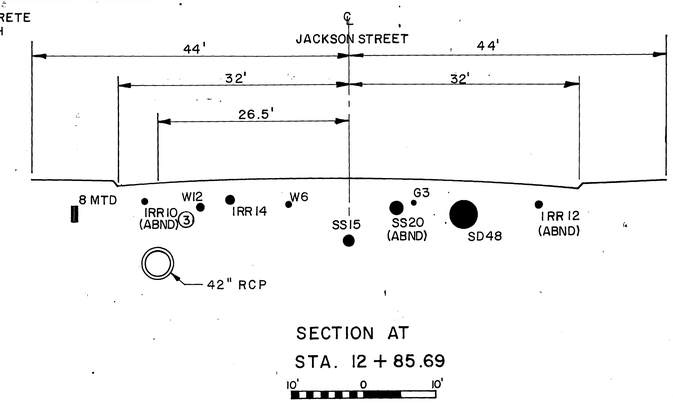
④ EXISTING CATCH BASIN. CONNECT WITH 28' OF 18" RCP, CL. IV. PLUG EXISTING C.B. OUTLET. SEE PROFILE THIS SHEET.

⑤ C.B. NO. 1
W=7', V=4'
15'-18" RCP, CL. IV
SEE PROFILE SHEET NO. 11.

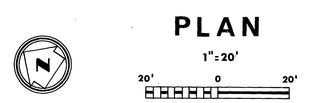
⑥ C.B. NO. 1
W=14', V=~~4'~~ 3'
51'-18" RCP, CL. IV
SEE PROFILE SHEET NO. 11.

⑦ REPLACE CONCRETE SPANDREL WITH A.C.





℄ CURVE DATA
Δ = 90° 00' 52"
R = 45'
L = 70.69'
T = 45.01'
B.C. = 12+92.64
E.C. = 13+63.33



PLAN
1" = 20'

D-372

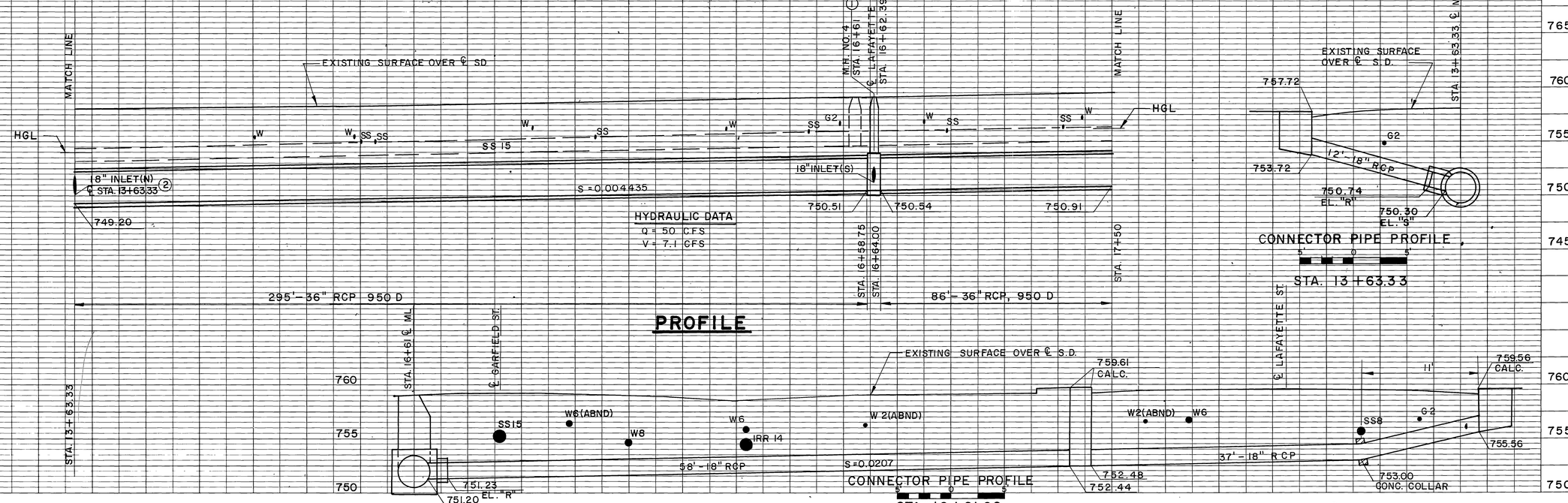
BENCH MARK C.P. 90 ON MANHOLE AT THE INTERSECTION OF JACKSON STREET AND GARFIELD STREET. EL. 758.096	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL STAGE III, STA. 10+90 TO STA. 13+63.33 1970 STORM DRAIN BOND ISSUE PROJECT NO. 18
SCALE:	C7 C.B. No. V=3' See ⑥	DESIGNED BY: AGK	PROJECT NO. 1-0-150
DATE:	REF. DESCRIPTION APPR. DATE	DRAWN BY: S. Moody	DRAWING NO. 1-326
		DATE DRAWN: 7-77	SHEET NO. 7 OF ~~38~~ 11
		CHECKED BY: R.A.M.	
		APPROVED BY: CHIEF ENGINEER/R.E. NO. 8822 DATE: 7-20-77	

AS BUILT

Indexed RMF

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

PROFILE



① M.H. NO. 4
A = 70° C = 3.6' EL. "R" = 751.23
B = 18" $D_1 = D_2 = 36"$ EL. "S" = 751.20

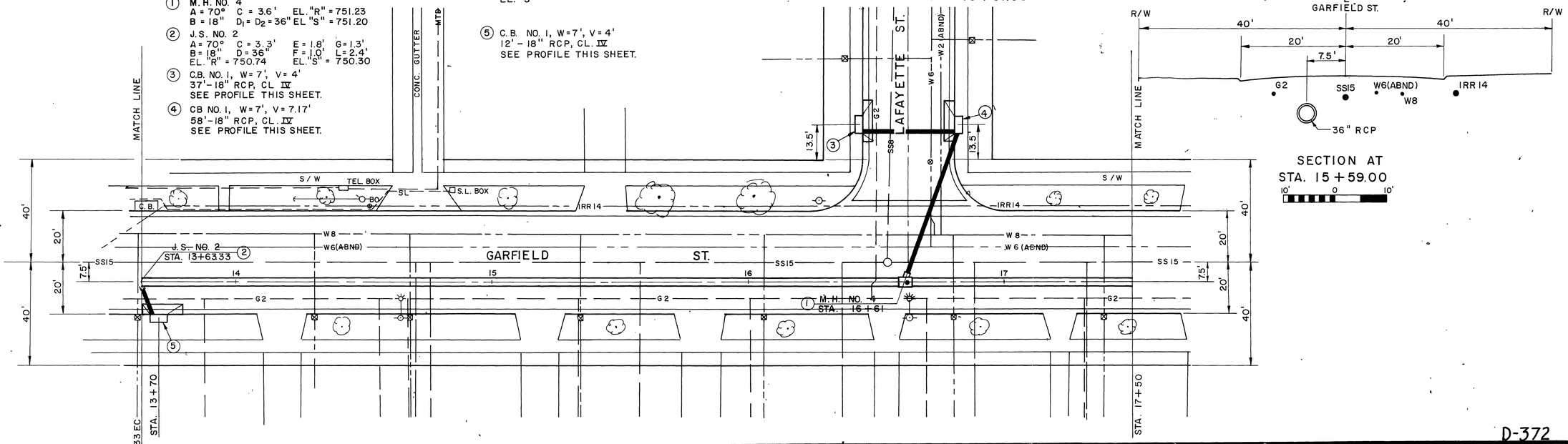
② J.S. NO. 2
A = 70° C = 3.3' E = 1.8' G = 1.3'
B = 18" D = 36" F = 1.0' L = 2.4'
EL. "R" = 750.74 EL. "S" = 750.30

③ C.B. NO. 1, W = 7', V = 4'
37'-18" RCP, CL. IV
SEE PROFILE THIS SHEET.

④ CB NO. 1, W = 7', V = 7.17'
58'-18" RCP, CL. IV
SEE PROFILE THIS SHEET.

⑤ C.B. NO. 1, W = 7', V = 4'
12'-18" RCP, CL. IV
SEE PROFILE THIS SHEET.

PLAN



1"=20'
20' 0 20'

SECTION AT STA. 15+59.00

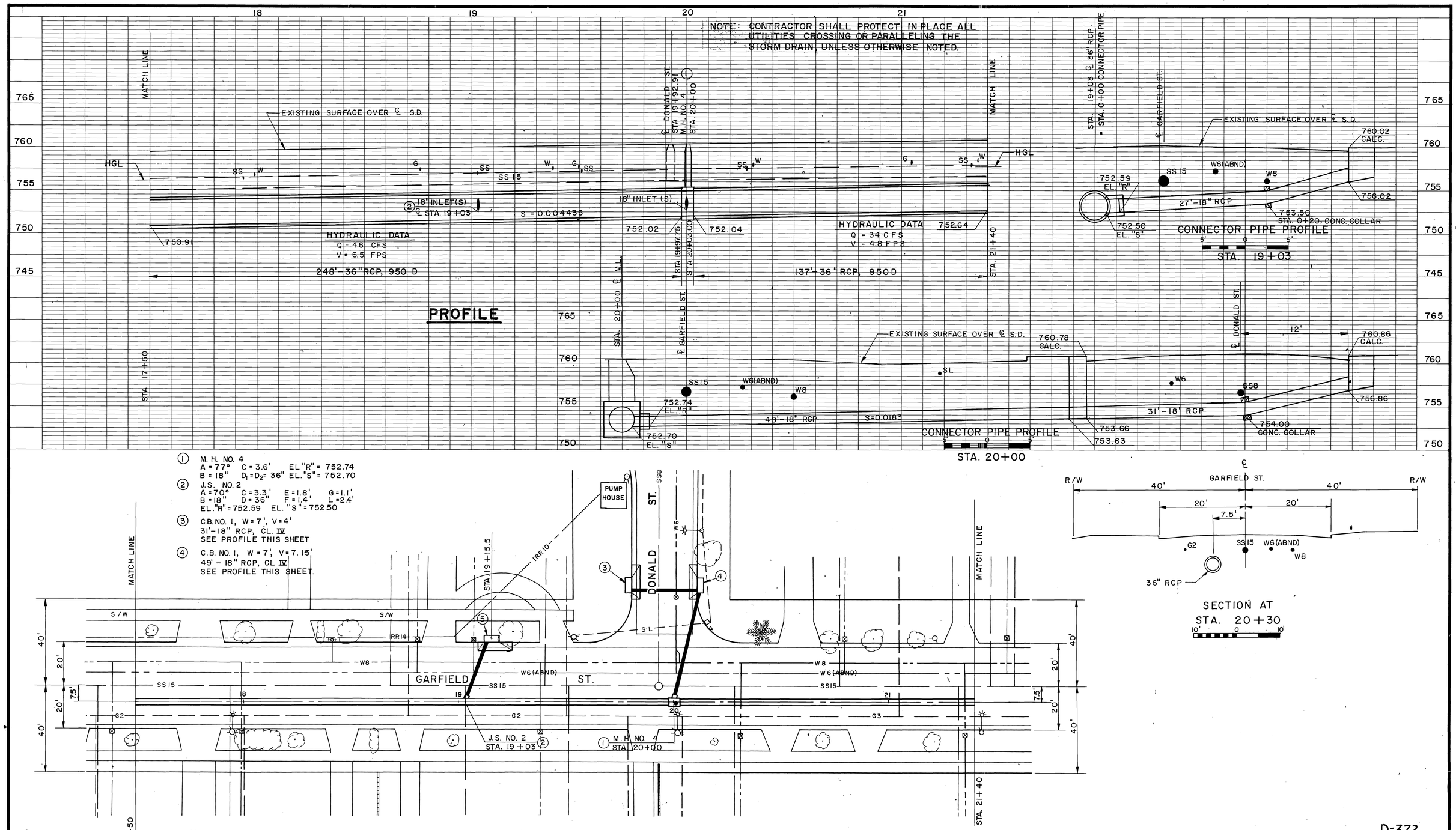
10' 0 10'

D-372

BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL STAGE III	PROJECT NO. 1-0-150
△ RCFC B.M. CHISELED SQ. EL. = 759.38		DESIGNED BY: A.G.K.	STA. 13+63.33 TO STA. 17+50	DRAWING NO. 1-326
SCALE:		DRAWN BY: S.L.M.	1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	SHEET NO. 8 OF ~~36~~ 11
DATE:	REF. / DESCRIPTION / APPR. / DATE: No Change	DATE DRAWN: 7-77	APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822, DATE: 7-20-77	
		CHECKED BY:		

AS BUILT

Indexed RMF



D-372

BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL STAGE III	PROJECT NO. 1-0-150
△ RCFC B.M. CHISELED SQUARE EL. = 760.68		DESIGNED BY: A. G. K.	STA. 17+50 TO STA. 21+40	DRAWING NO. 1-326
SCALE:	No Change	DRAWN BY: S.L.M.	1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	SHEET NO. 9 OF ~~36~~ 11
DATE:	REF. / DESCRIPTION / APPR. / DATE	DATE DRAWN: 7-77		
		CHECKED BY:		

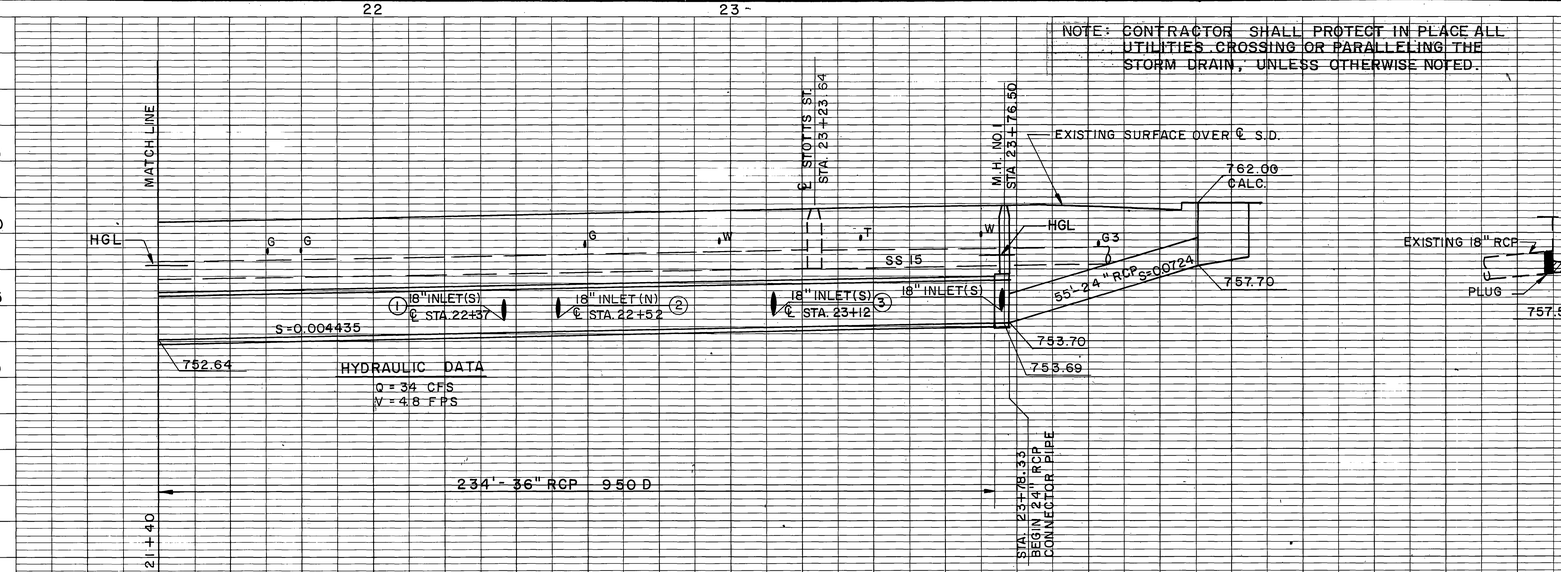
APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822
DATE: 7-20-77

AS BUILT

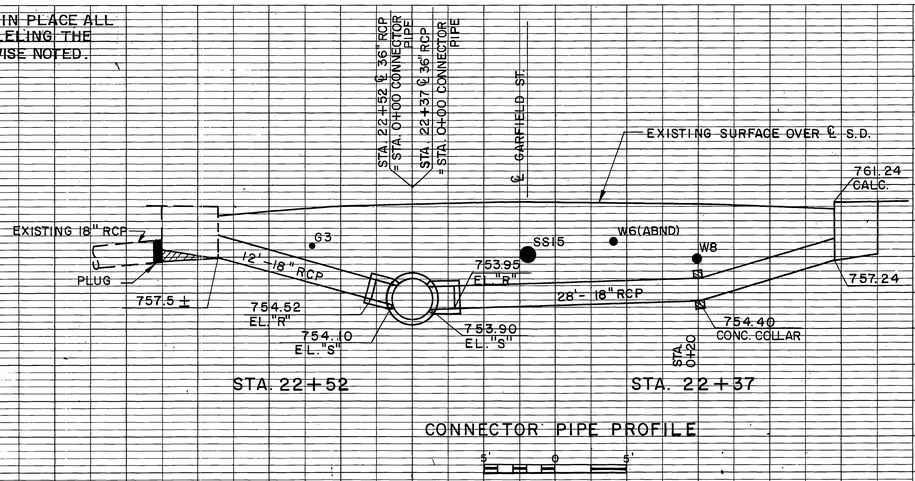
Indexed RMF

22 23

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



PROFILE



CONNECTOR PIPE PROFILE

5' 0 5'

① J.S. NO. 2, A = 70° C = 3.3' E = 1.8' G = 1.1' EL. "R" = 753.95
B = 18" D = 36" F = 1.2' L = 2.4' EL. "S" = 753.90

② J.S. NO. 2, A = 70° C = 3.3' E = 1.8' G = 1.3' EL. "R" = 754.52
B = 18" D = 36" F = 1.1' L = 2.4' EL. "S" = 754.10

③ J.S. NO. 2 A = 63° C = 3.5' E = 2.1' G = 1.2' EL. "R" = 754.33
B = 18" D = 36" F = 1.3' L = 2.5' EL "S" = 754.30

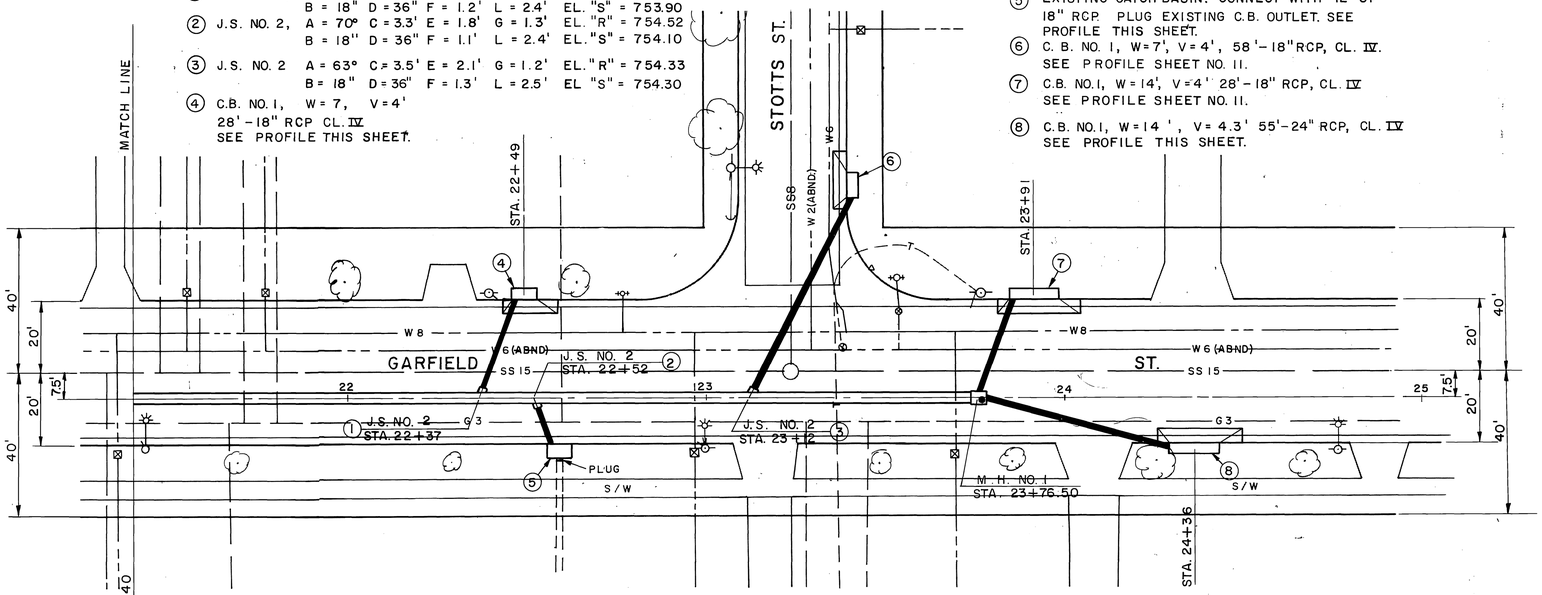
④ C.B. NO. 1, W = 7, V = 4'
28'-18" RCP CL. IV
SEE PROFILE THIS SHEET.

⑤ EXISTING CATCH BASIN. CONNECT WITH 12' OF 18" RCP. PLUG EXISTING C.B. OUTLET. SEE PROFILE THIS SHEET.

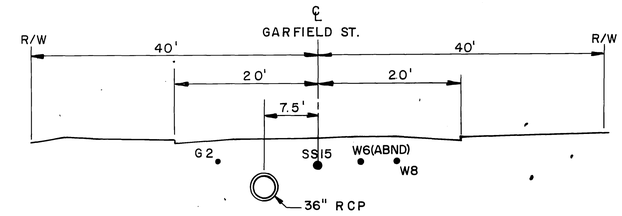
⑥ C. B. NO. 1, W=7', V=4', 58'-18" RCP, CL. IV. SEE PROFILE SHEET NO. 11.

⑦ C.B. NO.1, W = 14', V = 4' 28'-18" RCP, CL. IV SEE PROFILE SHEET NO. 11.

⑧ C.B. NO.1, W = 14', V = 4.3' 55'-24" RCP, CL. IV SEE PROFILE THIS SHEET.



PLAN
1"=20'
20' 0 20'



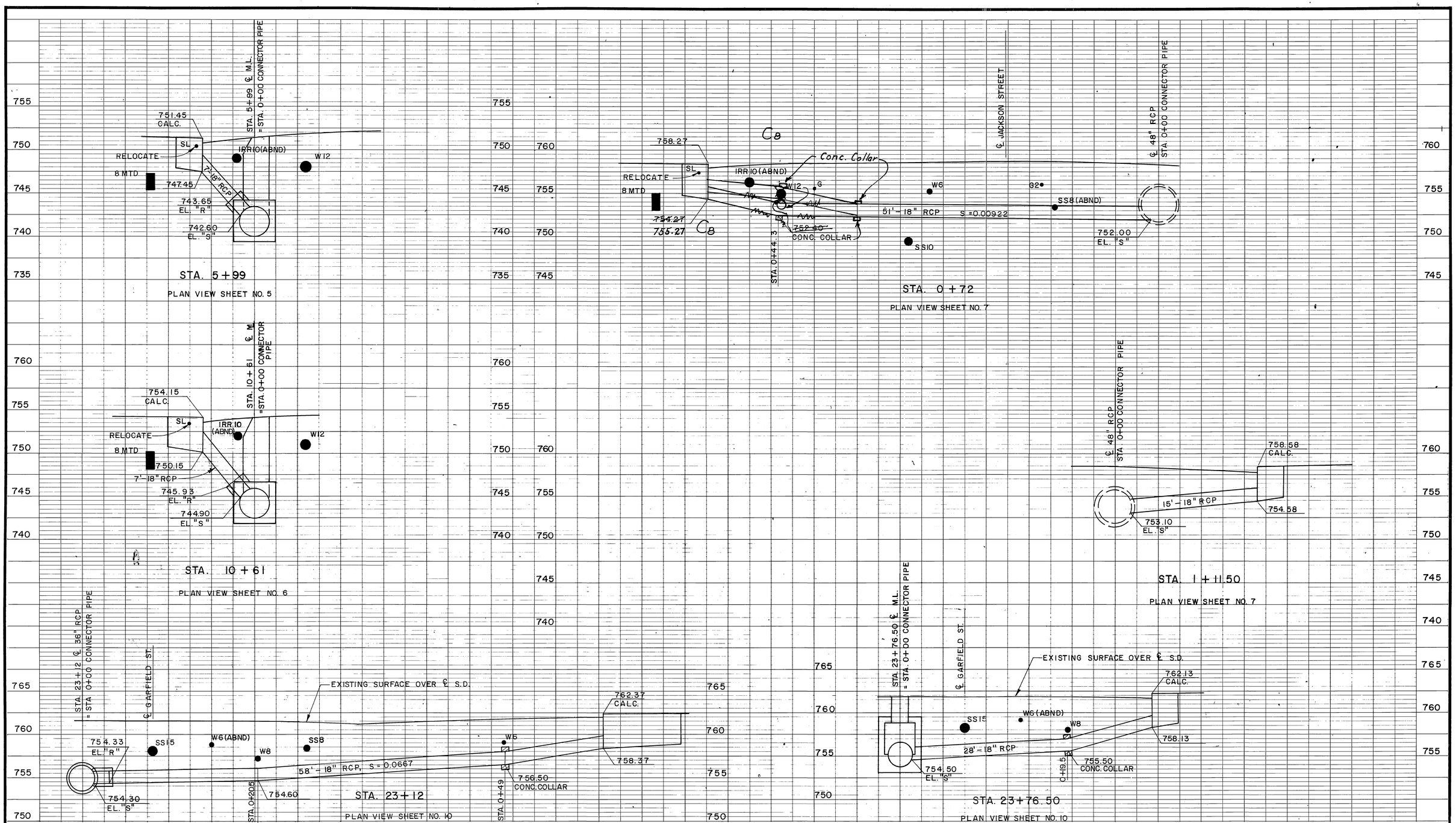
SECTION AT STA. 23+66
10' 0 10'

D-372

BENCH MARK △ RCFC BM CHISELED SQ. EL. = 762.12	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL STAGE III STA. 21+40 TO END OF PROJECT 1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	PROJECT NO. 1-0-150
SCALE:	REF. / DESCRIPTION / APPR. / DATE: No Change	DESIGNED BY: A.G.K.		DRAWING NO. 1-326
DATE:		DRAWN BY: S.L.M. DATE DRAWN: 7-77		SHEET NO. 10 OF ~~38~~ 11
		CHECKED BY:	APPROVED BY: John W. Bryant CHIEF ENGINEER R.E. NO. 8822 DATE: 7-26-77	

AS BUILT

Initialed R.M.F.



D-372

BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL STAGE III	PROJECT NO. 1-0-150
SCALE:	C8 Elev. Change, Pipe Over W12 — REF. / DESCRIPTION / APPR. / DATE	DESIGNED BY: AGK; DRAWN BY: S. Moody; DATE DRAWN: 7-77; CHECKED BY: RAM	CONNECTOR PIPE PROFILES 1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	DRAWING NO. 1-326
DATE:		APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822; DATE: 7-20-77		SHEET NO. 11 OF ~~38~~ 11

AS BUILT

Indexed RMF