LA SIERRA STORM CHANNEL

STAGE "A"

CONSTRUCTION DRAWINGS

BY

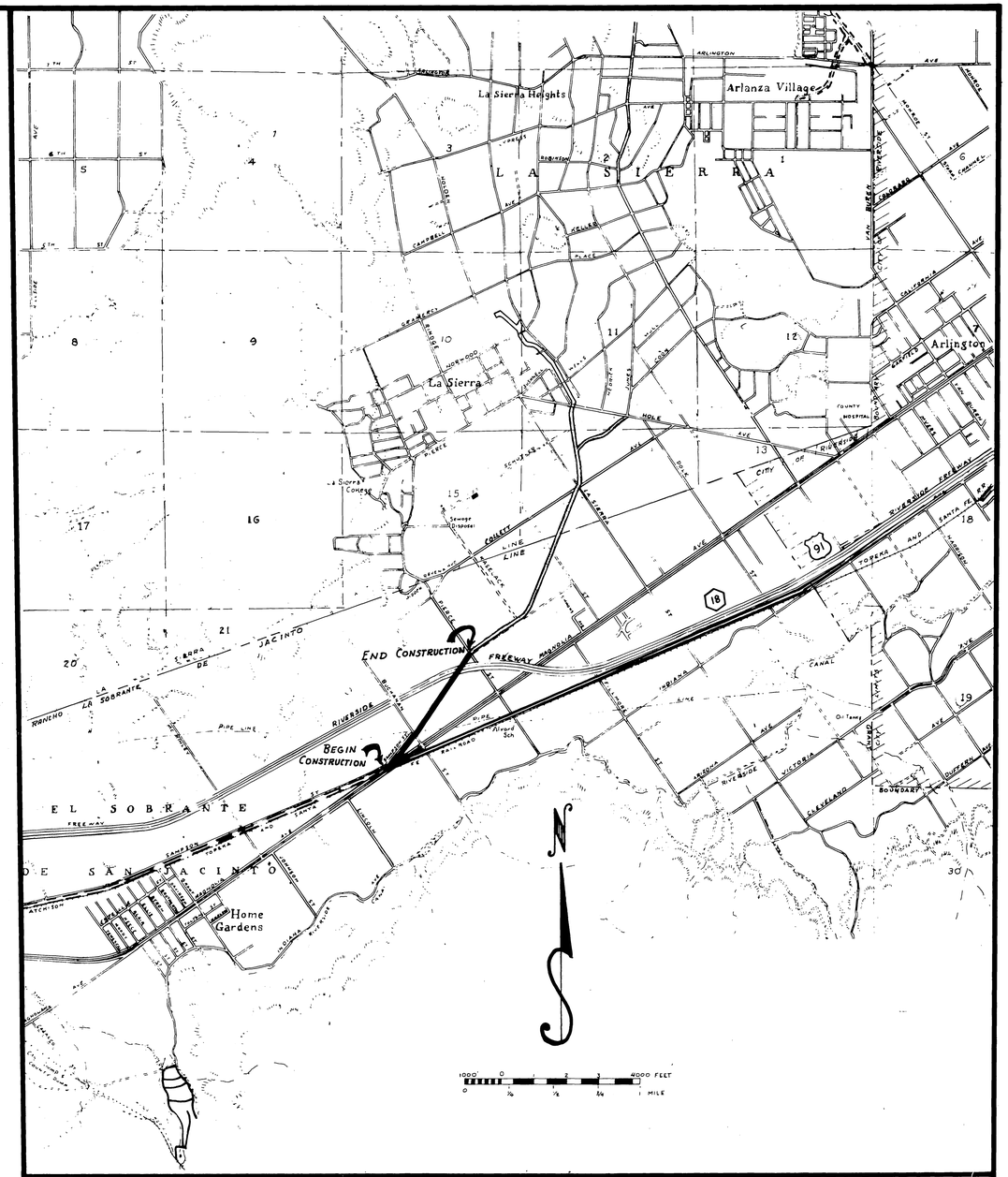
RIVERSIDE COUNTY FLOOD CONTROL

AND

WATER CONSERVATION DISTRICT

GENERAL NOTES

1. Reinforced concrete shall be Class A (6 sack) and shall have a minimum of 3,000 p. s. i. 28 day compressive strength.
2. Reinforcing steel shall be deformed, intermediate grade, billet-steel bars conforming to the specifications of A. S. T. M. Designation A-15, latest revised, with deformations conforming to A. S. T. M. Designation A-305.
3. All reinforcing bar bends and hooks shall conform to the American Concrete Institute "MANUAL of STANDARD PRACTICE."
4. Lap all reinforcing steel a minimum of 30 bar diameters at splices. The location of all splices shall be subject to approval of the Engineer.
5. All reinforcing steel shall have a minimum cover of 1½" unless otherwise noted.
6. All exposed edges of concrete structures shall be chamfered ¾" or rounded as directed.
7. Unreinforced concrete channel lining shall be Class B (5 sack), unless otherwise specified.
8. All concrete thickness dimensions are the minimum allowable.
9. Transverse grooves 1" deep at 10' spacing shall be provided in all unreinforced concrete channel lining. Grooves may be tooled or formed using 3/16" x 1" masonite strips.
10. All transverse construction joints in unreinforced concrete channel lining required at the end of a day's placing operation shall be located between the transverse grooves and No. 4 x 30" dowels at 24" spacing embedded 15" shall be provided.
11. Place 1½" dia. weep holes 6" above invert on 10' ℄. Gravel pockets of approximately one cu. ft. shall be placed behind each weep hole.
12. Approved pit run gravel (1" maximum) shall be used for subdrain and weephole filter material where required on the plans.
13. The surface finish required for unreinforced concrete channel lining shall be a tight wood float finish.
14. All embankments shall be compacted to not less than 90 % maximum density as determined by tests made conforming to the requirements of A. A. S. H. O. Designation T99-57, "The Compaction and Density of Soils."



AS BUILT
Date: 11-1-62
PROJECT NO. 1-0-060

REVISED DATE	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
	LA SIERRA STORM CHANNEL STAGE "A"	
	COVER SHEET	
APPROVED ____ CHIEF ENGINEER R.E. NO. 6822	DRAWN: Ken Bilodeau TRACED: " " CHECKED: D. M. Mann	SHEET No. 1
DATE	DATE DRAWN: July 1959	DWG. No. 1-151

D-173-A

ARLINGTON VALLEY
STORM CHANNEL

BLOCK 33

EXISTING 90"Ø R.C.P. TO BE CUT OFF FLUSH WITH CONC. LINING & EXTENDED TO WITHIN 1' OF THE NORTHERLY R/W OF SAMPSON AVE. AS DIRECTED BY THE ENG.

FOR SIDE DRAINAGE DETAILS AT STA. 3+50 SEE SHEET NO. 5

SAMPSON AVENUE

NORTHERLY R/W CHANNEL

S 38° 09' 00" E

L.A. SIERRA STORM CHANNEL

SOUTHERLY 25' R/W CHANNEL

15' TEMP. CONST.

16" STEEL OIL LINE

EX. 57" RC CHANNEL

N 36° 01' 00" E

ARLINGTON CHANNEL

MAGNOLIA

TRANSITION TO EXISTING CHANNEL AS DIRECTED BY THE ENGINEER

STA. 173+50.00
START OF PROJECT

START OF CONCRETE STA. 174+50.00

STA 0+00 OF LA SIERRA CHANNEL STA 174+15.50 OF ARLINGTON CHANNEL

TELEPHONE MANHOLE NO. 160

NOTE:
FOR DETAILS OF INTERSECTION OF LA SIERRA CHANNEL AND ARLINGTON STORM CHANNEL SEE SHEET NO. 6

NOTE:
6" I.D. SUB DRAIN OUTLETS AT STA. 1+70 & STA. 3+20 & STA. 5+40 & STA. 7+50 FOR DETAILS SEE SHEET NO. 5
REFER TO DETAIL SH. NOS. 6 & 7 FOR ADDITIONAL OUTLETS.
FOR TYPICAL CHANNEL SECTIONS SEE SHEET NO. 8

STA. 7+11.50
6'-6" IN TRANSITION TO 9'-0"
SEE SHEET NO. 7 FOR DETAILS

STA. 7+78.53
OUTLET OF CULVERT

STA. 8+56.92
INLET OF CULVERT

TRIPLE 10'x9' R.C.B.
To be Constructed REFER TO SHEET NO. 10 FOR DETAILS

Twin Buttes Water Co. Encroachment Permit No. 140-066-54 For operating & Maintenance of Water Pipe Lines, Jan. 13, 1961 12' Southerly of R/W 12 C.F.C.&W.S.D. Note: Refer to Sh. No. 2 Also.

STA. 9+04
END TRANSITION SEE SHEET NO. 7 FOR DETAILS

EASEMENT

SIDE INLET AT STA. 9+54 SEE SHEET NO. 8

BLOCK 30

TO E. MAGNOLIA AVE. 535.5'

BUCHANAN

FOR DETAILS OF CHANNEL TRANSITIONS & CULVERT SEE SH. NO. 7 & 10

PLAN
50' 0 50'

690 688 686 684 682 680 678 676 674

S = 0.00077

APPROX. 10' BOTTOM WIDTH OF EXISTING CHANNEL TO BE EXCAVATED FOR 750'± TO DAYLIGHT FLOW LINE

START OF PROJECT STA. 172+90.00

START OF CONCRETE STA. 173+50.00
R. EL. 676.36

STA. 0+00
R. EL. 673.72

ST. 173+71 ARLINGTON VALLEY STORM CHANNEL
I.E. L. 675.82 OUTLET OF PIPE S

D=9'

S = 0.00134 TOP OF CONCRETE LINING

EXISTING GROUND LINE

S = 0.00134 FLOW LINE OF CONCRETE CHANNEL

BOTTOM OF PEA GRAVEL — SUB DRAIN

60.0' 69.44'

673.72
Top Casing on 16" OIL LINE

PROFILE

STA. 7+11.50
STA. 7+78.53
EL. 678.13

STA. 8+56.92
EL. 678.13

STA. 9+04
EL. 678.13

D=6" D=9" D=9

TO BE CONST. TRIPLE 10'x9' R.C.B.

S = 0.00134

S = 0.00134

10+00 0 676

AS BUILT

BASIS OF BEARINGS

CENTER LINE OF MAGNOLIA AVE. (N 89°41'05" E) AS SHOWN ON M.B. 17/50 LA SIERRA GARDENS E.S.I. 31'X85'(6)
E.I. 585.0 BAY SIGNAL TOWER, ABOUT 0.7 MI. E. OF U.S.R.S. OF JUNIOR COLLEGE AT N.E. COR. OF INTERSECTION OF MAGNOLIA BLVD. & CRESCENT DR. HEAD WALL OF CONC. CULVERT, CHISELLED SQUARE "GSLG" EL. 690.72 U.S.G.S.

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

LA SIERRA
STORM CHANNEL
STAGE "A"

Civil Drawn
Lines Tom Wilkinson
Plans Floyd Ahern
Date Dwn. June 1960

Sheet No. 1
Dwg. No. D-173-A

PROJECT NO. 4-0-870

D-173A

Twin Butte Water Co. Encroachment Permit No. 1-0-064-54 for operating & Maintenance of Water Pipe Lines, Jan. 13, 1961 12" Rs Shown from R/W Line.

Hagen & Betty Worthington, Louise Prewitt Estate of Ray L Prewitt, P. Kinney Co. 2nd Sepulveda Housing Corp. Select Homes Inc. Nilsworth Corp. Rancho Manitou Inc. Davis Farms Inc, M. Phillip, Davis & Wl. Thomas Davis Trustees The Access & Maintenance Road Permit No. 1-0-060-55 March 15, 1961.

℄ CURVE DATA

Δ = 7° 28' 40"
R = 500'
T = 32.67'
L = 65.26'
S = 3.4377' / Arc. ft.

So. Calif. Edison Co. Power Line within 64' R/W Parcel No. 1060-48E Encroachment Permit No. 1-0-060-96 Aug. 19, 1960

For Details of Side Inlet @ STA. 22+80 REFER TO SHEET NO. 5

LANDS OF THE RIVERSIDE LAND & IRRIGATING COMPANY M.B. 1/70 S.B. CO.

BLOCK 50 LOT 11 LOT 13 LOT 14

BLOCK 1 LA SIERRA M.B. 11/56 BLOCK 3 SIERRA GARDENS

B.C. STA. 19+88.71
E.C. STA. 20+53.97
STA. 22+44
W22

39' 12 10+00 15+00 N 38° 09' 00" E 64' R/W 25' 15' TEMP. CONST. EASEMENT

STA. 18+80
24" x 24" R.C.P.

39' 64' R/W 25+00 N 30° 40' 20" E 25' 15' T.C.E.

Rancho Sierra Industrial Center S.D. 24" R.C.P. Sta. 21+65 Encroachment Permit No. 1-0-060-296, Nov. 27, 1973

NOTE
6" I.D. SUB DRAIN OUTLETS AT STA 11+50 & STA 14+50 & STA 17+50 & STA 20+50 & STA 23+50.
FOR DETAILS OF OUTLET SEE SHEET NO. 7

NOTE
FOR TYPICAL CHANNEL SECTION SEE SHEET NO. 5

PLAN

50' 0 50 FEET

690 688 686 684 682 680 678 676 674

EXISTING ℄ PROFILE
TOP CONCRETE LINING
S = 0.00134
D = 9"
FLOW LINE OF CONCRETE CHANNEL
S = 0.00134
R.L. EL. 677.19
R.L. EL. 677.73
R.L. EL. 678.40
R.L. EL. 679.07
BOTTOM OF PEA GRAVEL SUB DRAIN
BOTTOM OF PEA GRAVEL SUB DRAIN

11 12 13 14 15+00 16 17 18 19 20+00 21 22 23 24 25+00

PROFILE

AS BUILT
Date: 4-4-73-61
PROJECT NO. 1-0-060

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

LA SIERRA STORM CHANNEL STAGE "A"

Drawn Jack Hanson
Traced Tom Billadeau
Checked David Mann
Date Drawn June 1960
Sheet No. 3
Dwg. No. 1-151

D-173A

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEET NO 5
6" I.D. SUB DRAIN OUTLETS AT STA 26+50
SEE SHEET NO. 7 FOR OUTLET DETAILS
REFER TO DETAIL SHEET NO. 8 FOR ADDITIONAL OUTLETS

So. Calif. Edison Co. Power Line within C'R/W Parcel No 1060-48E Encroachment Permit No 1-0-060-46 Aug 19, 1960

SOUTHERLY R/W LINE RIVERSIDE FREEWAY

DRAIN PIPE 6" 3/4" Drain

24" Drain

2-16" I.D. A.C.P. x 16' INSTALLED FC. 1.50

N 30° 40' 20" E

STA 25+00 BEGIN TRANSITION SEE SHEET NO 8 FOR DETAIL

STA 26+50 END TRANSITION SEE SHEET NO 8 FOR DETAILS

STA. 566+82.45 ℄ FREEWAY IMP.

STA 31+87.64 ℄ CHANNEL

NORTHERLY R/W LINE RIVERSIDE FREEWAY

Diversified Communities New Port Beach Calif Encroachment Permit No. 1-0-062-244 Oct. 22, 1971

City of Riverside Encroachment Permit No 1-0-062-242 Oct. 17, 1971

DETAIL OF MAINTENANCE OFF RAMP SEE SH. NO. 4A Not Built 1970

STA 36+69 BEGIN TRANSITION SEE SHEET NO 9 FOR DETAIL

END OF PROJECT

40' OLD E R/W — NEW E R/W

OLD NE R/W Line — New NE R/W Line

44'

SINGLE 10'x8' R.C.B. FUTURE CONST NOT A PART OF THIS CONTRACT

STA 37+43.34 ℄ PIERCE ST.

APPROX. 25" TILE DRAIN

N 55° 40' 56" E

STA 37+47.84 ℄ CONST. PIERCE ST.

EXISTING DOUBLE 10'x8' A-IV R.C.B.

6' C.L. FENCE

TURN AROUND

EXISTING TRIPLE 12'x9' R.C.B.

℄ CURVE DATA
Δ = 25° 00' 35"
R = 271.52'
T = 60.22'
L = 118.52'
S = 6.3305 MIN ARC FT

℄ IMP RIVERSIDE FREEWAY

WATT (VACATED)

PIERCE

℄ STA 37+11.34

B.C. STA. 35+92.82

8.0'

NOTE:
FOR DETAILS OF CHANNEL TRANSITIONS AT FREEWAY SEE SHEET NO. 8

NOTE:
FOR DETAILS OF CHANNEL AT PIERCE ST SEE SHEET NO. 9

PLAN

50 0 50 FEET

TOP CONC. LINING

EXISTING GROUND LINE

D=9'

D=9'-6"

EXISTING TRIPLE 12'x9' R.C.B.

FLOW LINE OF CONC CHANNEL

R EL 679.07

S = 0.00134

BOTTOM OF PEA GRAVEL-SUB DRAIN

STA 29+12 R EL 679.41

S = 0.00138

STA 33+84.42 R EL 681.60

S = 0.0030

STA 34+11.34 R EL 681.70

STA 36+69 R EL 681.97

EXISTING GROUND

EXISTING DOUBLE 10'x8' R.C.B.

SINGLE 10'x8' R.C.B. To be Const. FUTURE CONST. NOT A PART OF THIS CONTRACT.

692 688 686 684 682 680 678 676

25+00 26 27 28 29 30+00 31 32 33 34 35+00 36 37 38 39

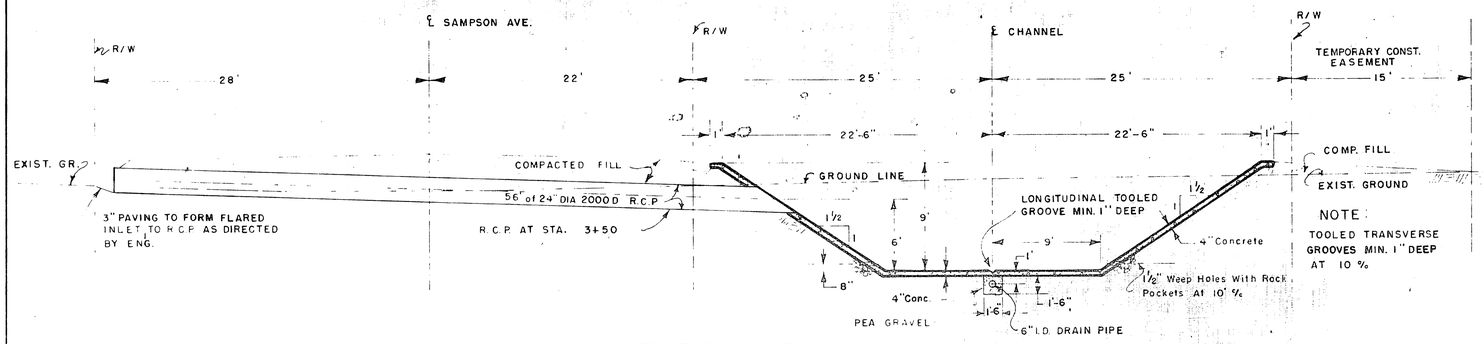
PROFILE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

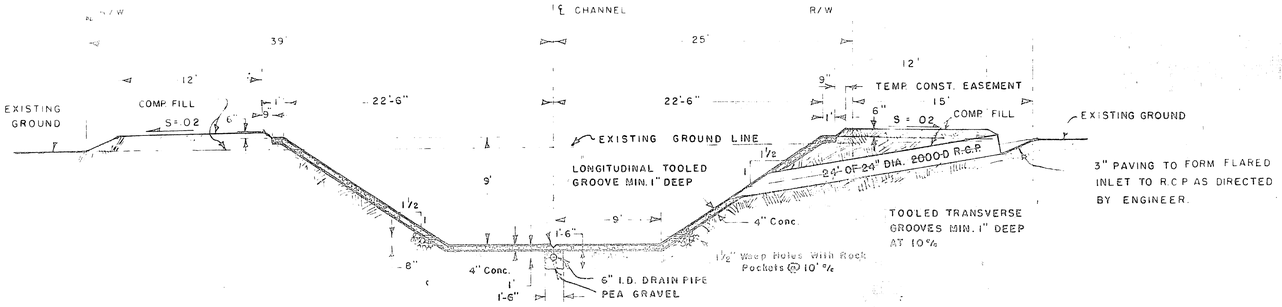
LA SIERRA STORM CHANNEL STAGE "A"

AS BUILT

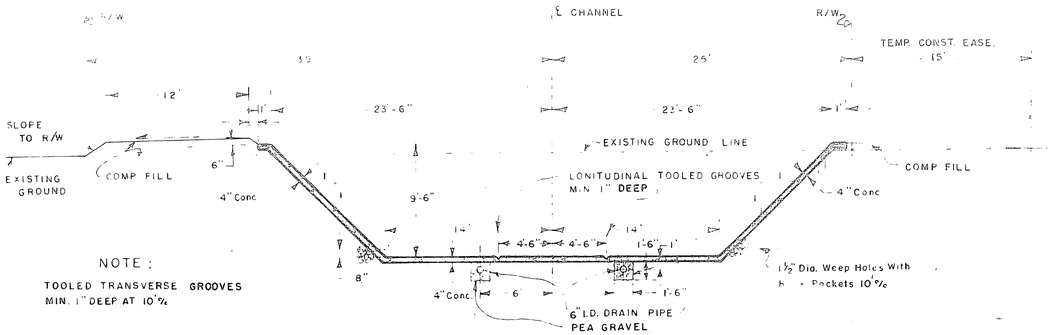
D-173A



TYPICAL SECTION STA. 2+02.50
To STA. 7+11.50 SHOWING SIDE DRAINAGE R.C.P. AT STA 3+50

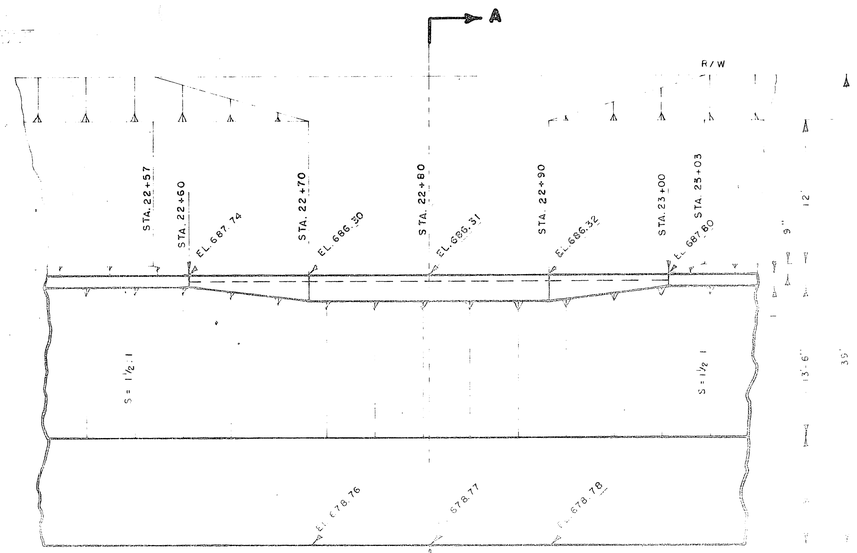


TYPICAL SECTION STA. 9+04 To STA. 29+81.19
SHOWING SIDE DRAINAGE R.C.P AT STA. 10+80



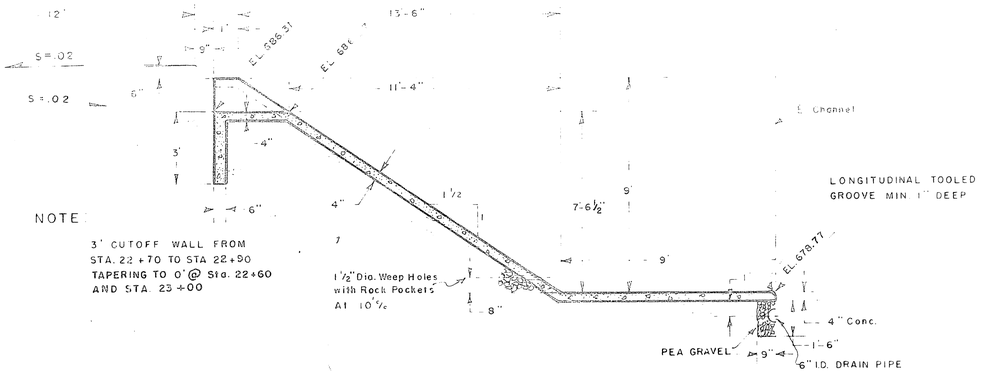
TYPICAL SECTION STA. 34+55 To STA. 36+69.34

6'5'4'3'2'1'0 6' FEET



NOTE:
SIDE INLET DETAILS APPLY TO SIDE INLET AT STA 5+24 EXCEPT FOR ELEVATIONS & EASEMENT ROAD

SIDE INLET DETAIL
AT STA. 22+80



SECTION A-A

3' 2' 1' 0 3' FEET

AS BUILT
Date: 4-21-61
PROJECT NO. 1-0-060

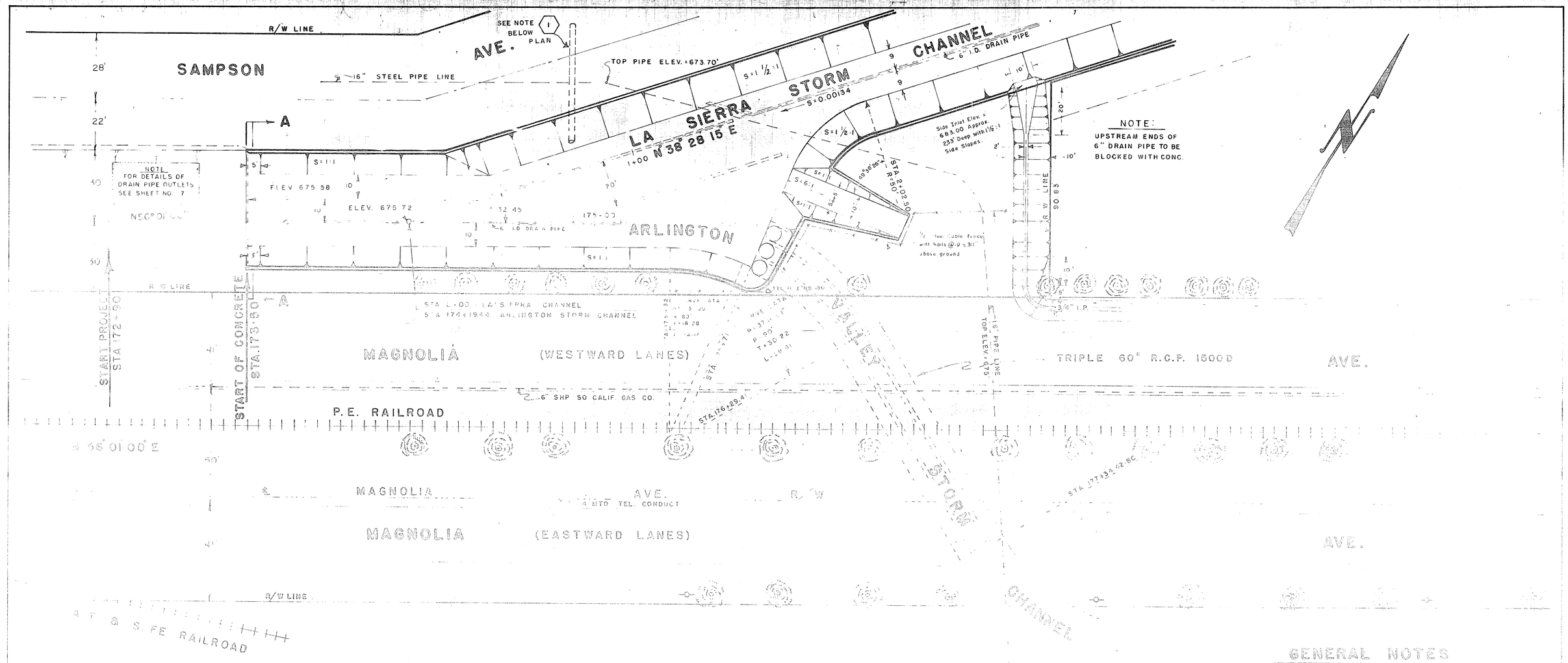
REVISED DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

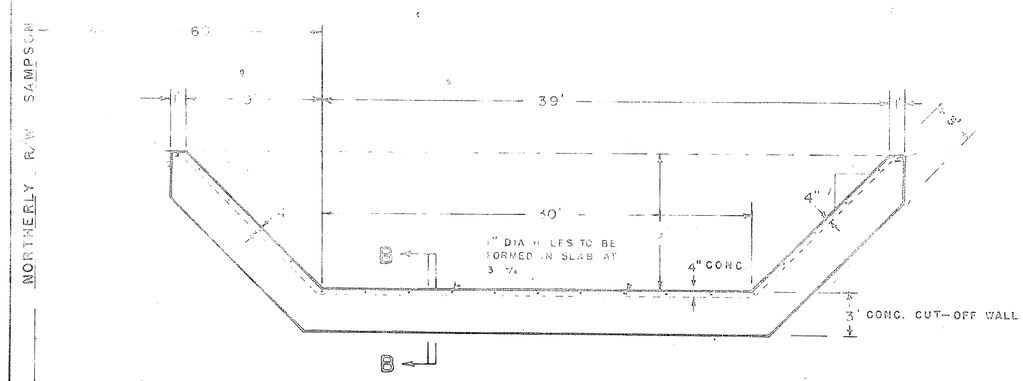
LA SIERRA STORM CHANNEL TYPICAL SECTIONS & SIDE DRAINAGE DETAILS

APPROVED: [illegible] CHIEF ENGINEER R.E. NO. 8822	DRAWN: Jack Hanson	SHEET NO. 5
DATE: 4-25-61	TRACED: Ken Blodgett	
	CHECKED: David Mann	DWG. NO. 1-151
	DATE DRAWN: June 1960	

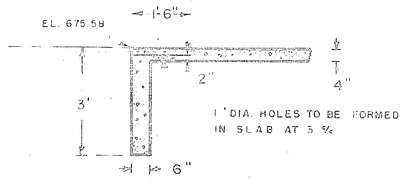
D-173A



PLAN



SECTION A-A



SECTION B-B

GENERAL NOTES

1. All Reinforced concrete to have 3000 pounds per square inch compressive strength in 28 days.
2. Reinforcing steel shall be Billet-Steel bars for conc rein. A.S.T.M. Designation A 15 deformed bars in accordance with latest A.S.T.M. Specifications, with deformations conforming to A.S.T.M. - A 305.
3. Lap No. 4 Bars 30 diameters or 15" for splices.
   Lap No. 5 Bars 30 diameters or 19" for splices. Location of splices subject to approval of Resident Engineer.
4. Bar ends to terminate at least 2" from face of concrete measured in the direction of the bar except as shown.
5. Bars bends shall have a radius of 2"
6. Place ½" Expansion joint material at all locations shown on plans.
7. Place No. 4 bars at 18" c/c x 3' Length at all locations shown on plans, with 18" extended & wrapped or heavily greased to prevent bond.

AS BUILT

Date: JLH 3-21-61

PROJECT NO. 1-0-060

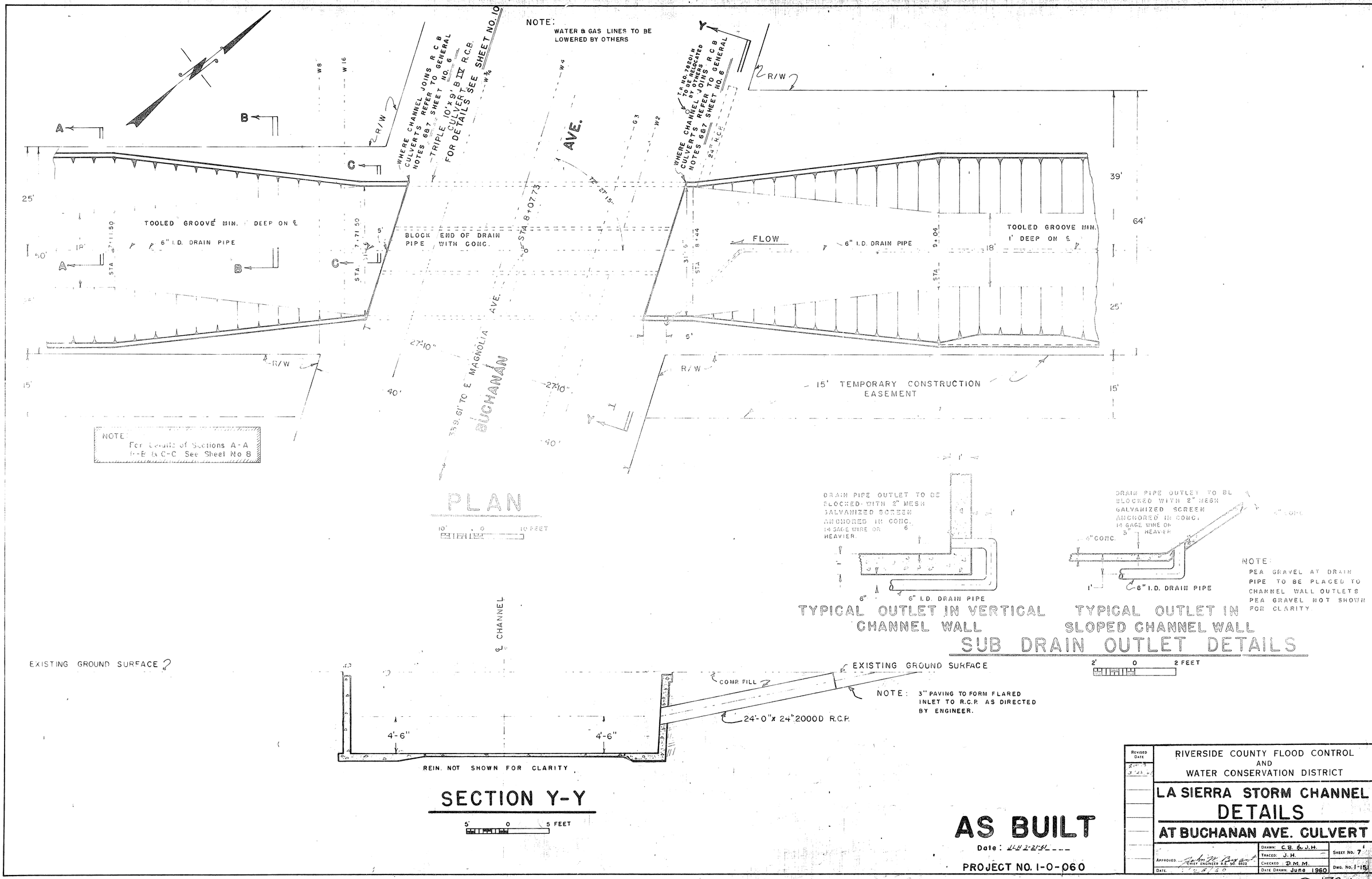
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

LA SIERRA & ARLINGTON VALLEY STORM CHANNEL

JUNCTION DETAILS

APPROVED: [signature] CHIEF ENGINEER R.E. NO. 8822	DRAWN: Cliff Brown	SHEET NO. 6
	TRACED: Dick Ayres	
	CHECKED: David Mann	DWG. NO. 1-151
DATE: [illegible]	DATE DRAWN: June 1960	

D-173A



AS BUILT

Date: 11-12-21-61

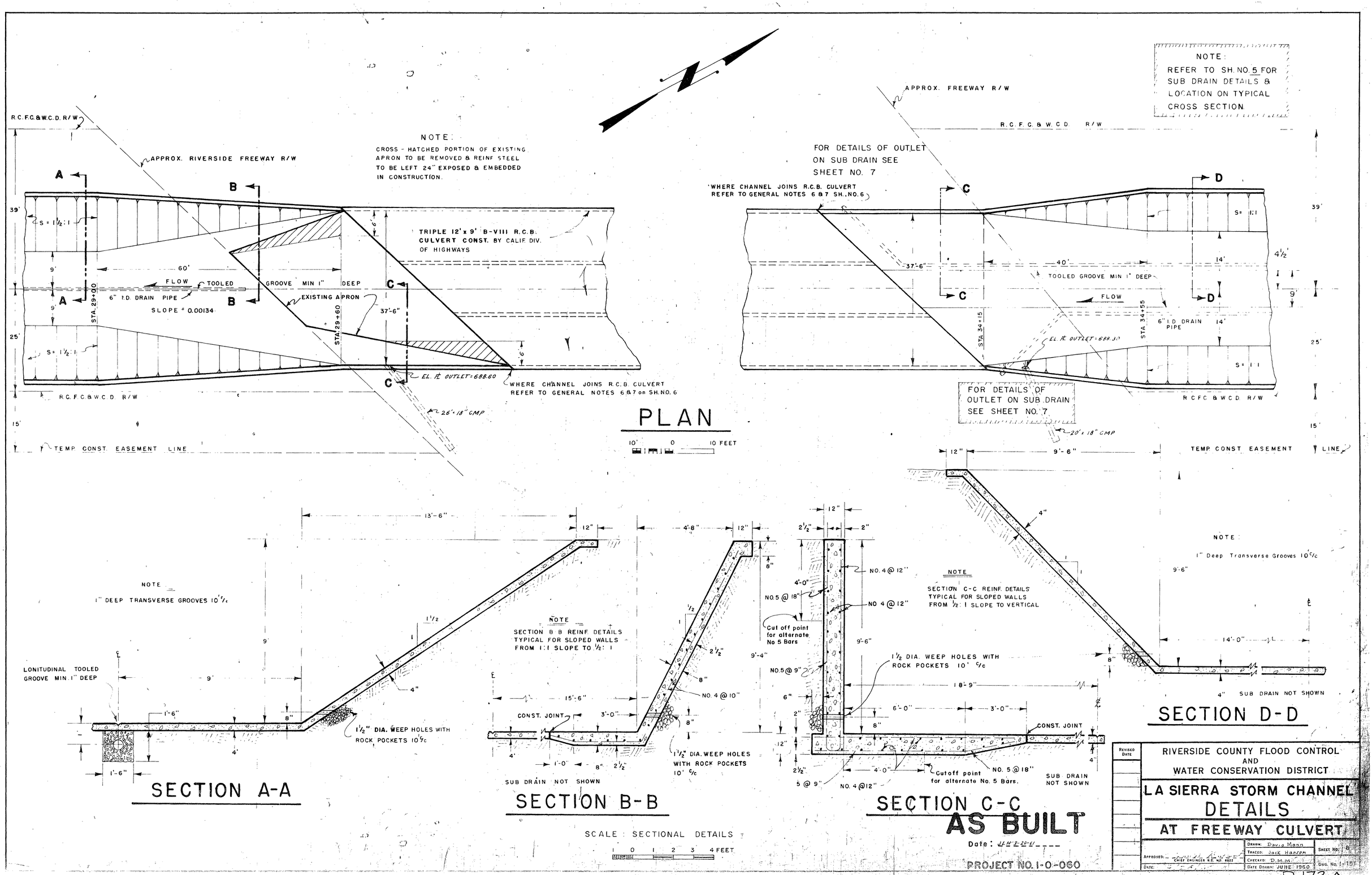
PROJECT NO. 1-0-060

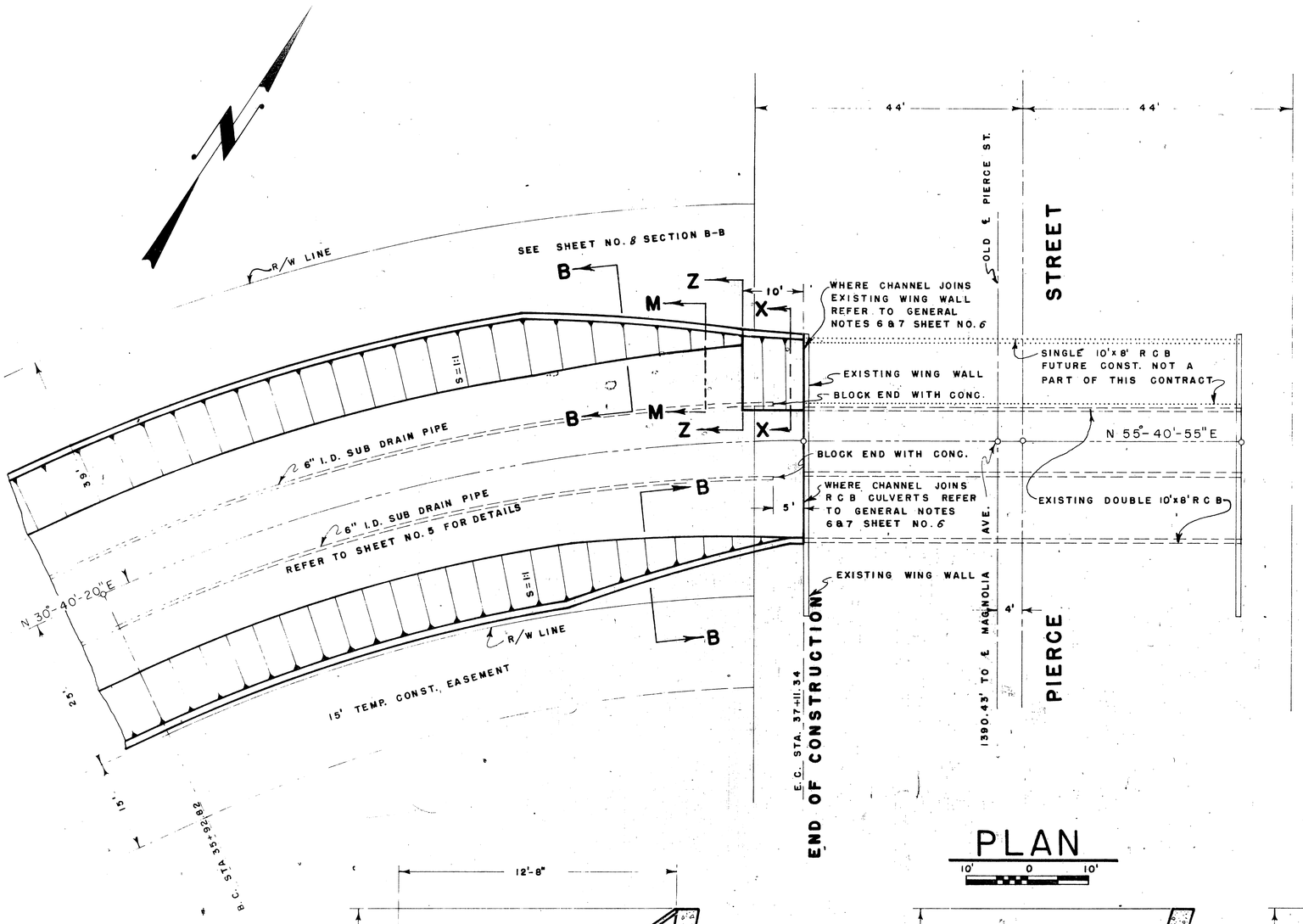
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

LA SIERRA STORM CHANNEL DETAILS AT BUCHANAN AVE. CULVERT

Approved: John W. Bryant, Chief Engineer R.E. No. 6822	Drawn: C.B. & J.H.	Sheet No. 7
	Traced: J.H.	
	Checked: D.M.M.	Dwg. No. 1-151
Date: 1/28/60	Date Drawn: June 1960	

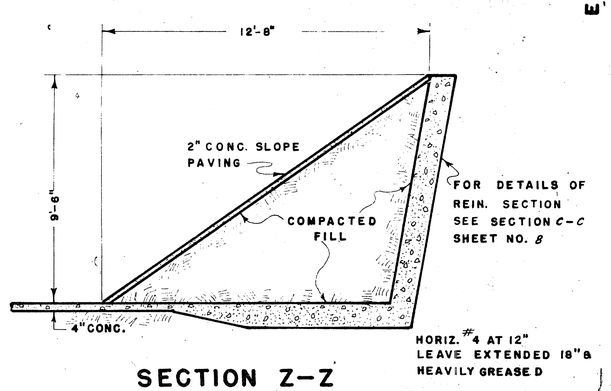
D-173A


NOTE:
REFER TO SH. NO. 5 FOR SUB DRAIN DETAILS & LOCATION ON TYPICAL CROSS SECTION.
NOTE:
CROSS - HATCHED PORTION OF EXISTING APRON TO BE REMOVED & REINF STEEL TO BE LEFT 24" EXPOSED & EMBEDDED IN CONSTRUCTION.
R.C.F.C.&W.C.D. R/W
APPROX. RIVERSIDE FREEWAY R/W
TRIPLE 12' x 9' B-VIII R.C.B. CULVERT CONST. BY CALIF. DIV. OF HIGHWAYS
FLOW
TOOLED GROOVE MIN 1" DEEP
6" I.D. DRAIN PIPE
SLOPE = 0.00134
EXISTING APRON
STA. 29+00
STA. 29+60
EL. ℄ OUTLET = 688.60
WHERE CHANNEL JOINS R.C.B. CULVERT REFER TO GENERAL NOTES 6 & 7 on SH. NO. 6
26' x 18" CMP
TEMP. CONST. EASEMENT LINE
PLAN
10' 0 10 FEET
APPROX. FREEWAY R/W
FOR DETAILS OF OUTLET ON SUB DRAIN SEE SHEET NO. 7
WHERE CHANNEL JOINS R.C.B. CULVERT REFER TO GENERAL NOTES 6 & 7 SH. NO. 6
TOOLED GROOVE MIN 1" DEEP
FLOW
6" I.D. DRAIN PIPE
STA. 34+15
STA. 34+55
EL. ℄ OUTLET = 688.30
20' x 18" CMP
TEMP. CONST. EASEMENT LINE
NOTE
1" DEEP TRANSVERSE GROOVES 10' c/c
LONITUDINAL TOOLED GROOVE MIN. 1" DEEP
1½" DIA. WEEP HOLES WITH ROCK POCKETS 10' c/c
SECTION A-A
NOTE
SECTION B-B REINF. DETAILS TYPICAL FOR SLOPED WALLS FROM 1:1 SLOPE TO ½:1
CONST. JOINT
SUB DRAIN NOT SHOWN
1½" DIA. WEEP HOLES WITH ROCK POCKETS 10' c/c
SECTION B-B
NOTE
SECTION C-C REINF. DETAILS TYPICAL FOR SLOPED WALLS FROM ½:1 SLOPE TO VERTICAL
NO. 4 @ 12"
NO. 5 @ 18"
Cut off point for alternate No 5 Bars
1½ DIA. WEEP HOLES WITH ROCK POCKETS 10' c/c
CONST. JOINT
Cutoff point for alternate No. 5 Bars.
SUB DRAIN NOT SHOWN
SECTION C-C
NOTE
1" Deep Transverse Grooves 10' c/c
SUB DRAIN NOT SHOWN
SECTION D-D
SCALE: SECTIONAL DETAILS
1 0 1 2 3 4 FEET
AS BUILT
Date: JLH 3-20-61
PROJECT NO. 1-0-060
REVISED DATE
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
LA SIERRA STORM CHANNEL
DETAILS
AT FREEWAY CULVERT
DRAWN: David Mann
TRACED: Jack Hansen
CHECKED: D.M.M.
DATE DRAWN: JUNE 1960
SHEET NO. 6
DWG. NO. 1-15
D-173 A

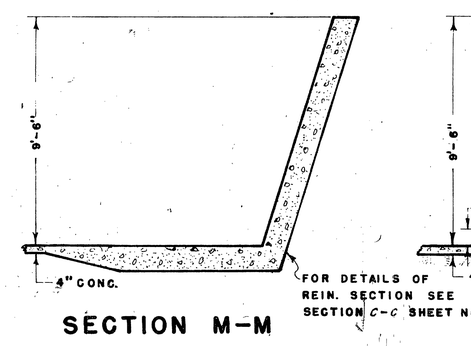


PLAN

10' 0 10'

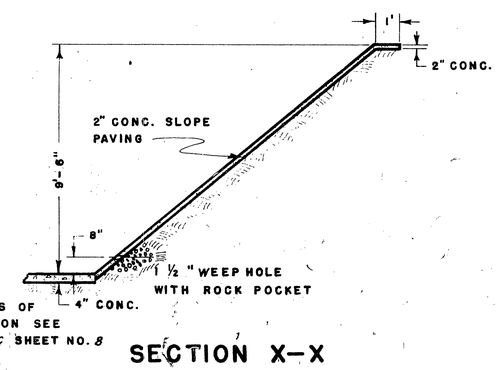


SECTION Z-Z



SECTION M-M

3' 0 3'



SECTION X-X

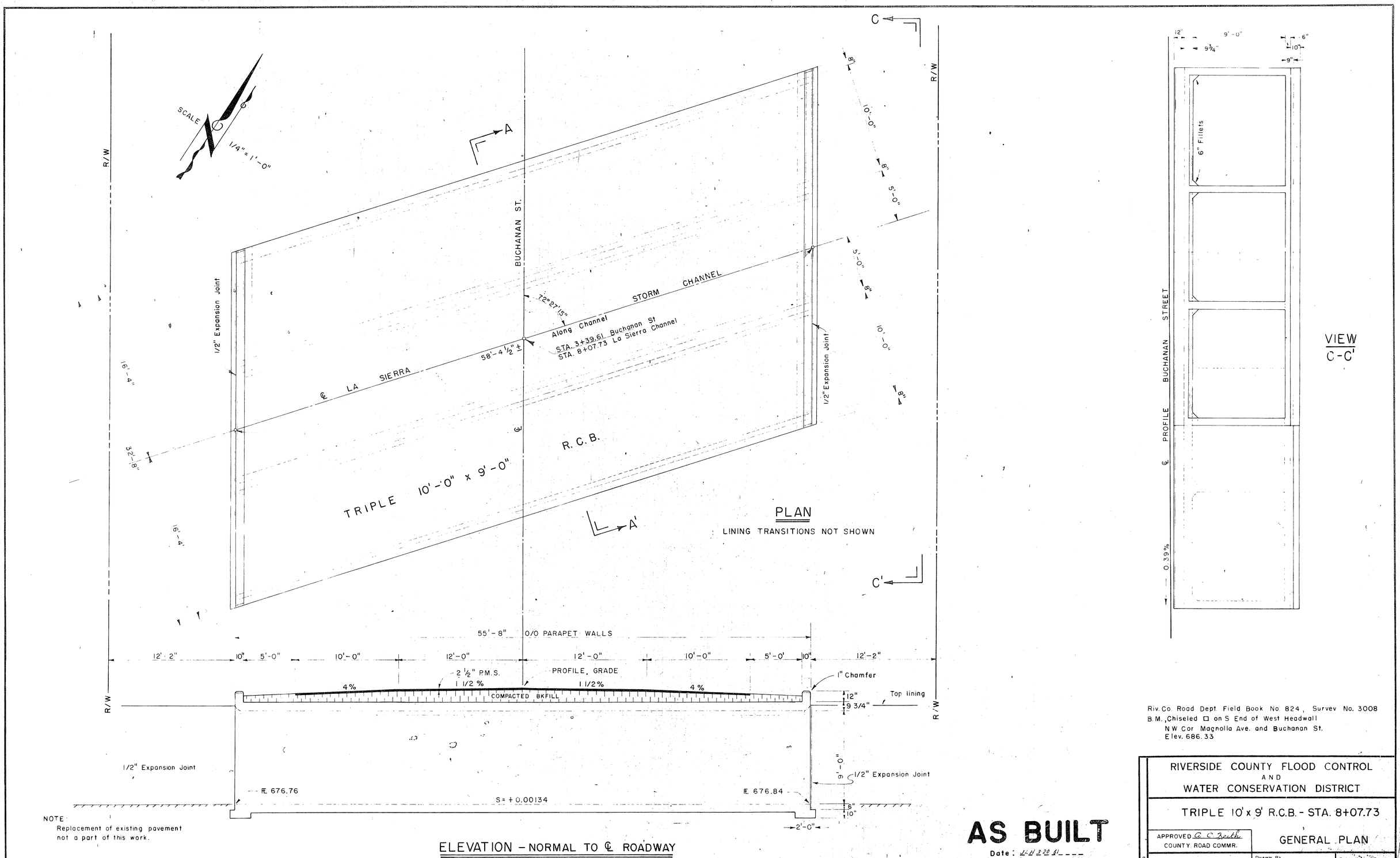
AS BUILT

Date: JLH 3-20-61

Revised Date	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
	LA SIERRA STORM CHANNEL DETAILS AT PIERCE ST. CULVERT
	Drawn: Jack Hanson; Traced: Dick Ayres; Checked: David Mann; Date Drawn: June 1960; Sheet No. 9; Dwg. No. 1151
	Approved: John W. Bryant, Chief Engineer R.E. No. 8822; Date: 6/28/60

PROJECT NO. 1-0-060

D-173A



Riv. Co. Road Dept. Field Book No. 824, Survey No. 3008
B.M., Chiseled □ on S End of West Headwall
NW Cor Magnolia Ave. and Buchanan St.
Elev. 686.33

AS BUILT
Date: 11-13-20 61
PROJECT NO. 1-0-060

RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

TRIPLE 10' x 9' R.C.B. - STA. 8+07.73

GENERAL PLAN

APPROVED A. C. Keith
COUNTY ROAD COMMR.

REVISED
APPROVED [signature]
CHIEF ENGINEER R.E. NO. 5322
DATE 7/1/60

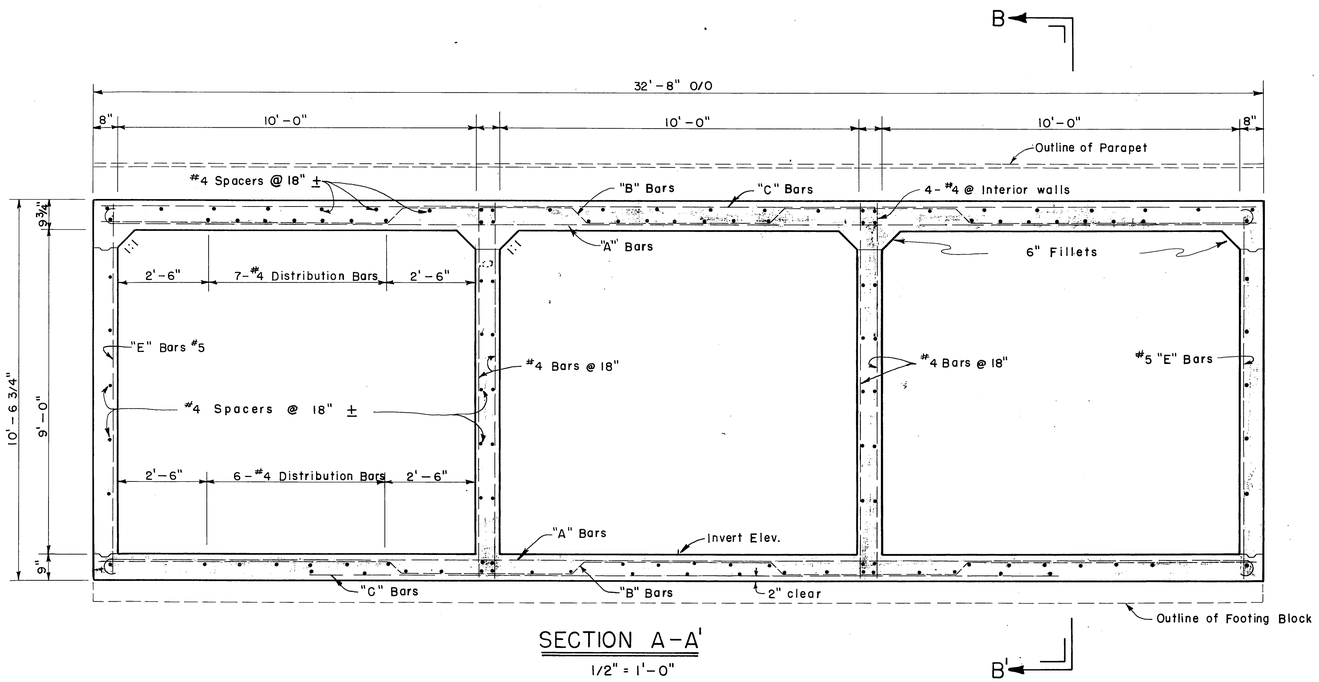
DRAWN BY
CHECKED BY
DATE DRAWN

SHEET NO. 10
DR. NO. 1-151

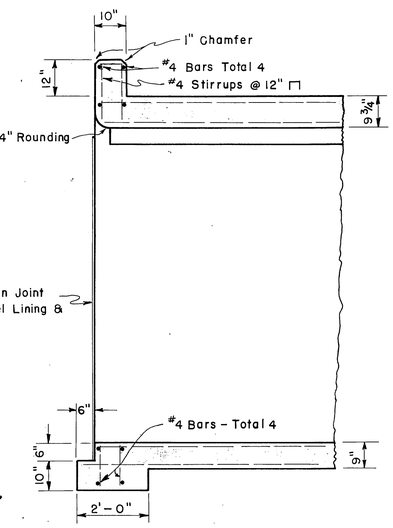
D-173 A

DESIGN NOTES:

SPECIFICATIONS - A.A.S.H.O. DATED 1959 & REVISIONS
LOADING - H20 - S16-44 W/30% IMPACT
UNIT STRESSES - f_s = 20,000 PSI, f_c = 1000 PSI N = 10
CONSTRUCTION - ALL REINFORCEMENT ROUND, DEFORMED BARS A-305-49, HOOKS - A.C.I. STD PRACTICE PACKING ¼ DIA, EMBEDMENT 1½ DIA, 1" MIN UNLESS NOTED.



SECTION A-A'
1/2" = 1'-0"



SECTION B-B'
AT BOX ENDS

TRIPLE 10' X 9' REINFORCED CONCRETE BOX			
CONCRETE	TOP SLAB	THICKNESS	9-3/4"
	BOTTOM SLAB	THICKNESS	9"
	SIDEWALLS	THICKNESS	8"
REINFORCING STEEL	"A" BARS	SIZE BAR #	5
		SPACING	12"
		LENGTH	33'-5"
	"B" BARS	SIZE BAR #	6
		SPACING	12"
		LENGTH	33'-5"
	"C" BARS	SIZE BAR #	6
		SPACING	12"
		LENGTH	32'-4"
	"D" DISTR. BARS #4	TOP SLAB	21
		BOTTOM SLAB	18
	"E" BARS	#5 BARS - SPACING	24"

NOTE:

EXTEND ALTERNATE SPACERS IN SIDEWALLS & ALTERNATE "D" BARS IN BOTTOM SLAB 18" BEYOND ENDS OF BOX TO PROVIDE ANCHORAGE FOR CHANNEL LINING. EXTENDED PORTIONS OF SUCH BARS SHALL BE GREASED.

JLH 3-20-61

PROJECT NO. 1-0-060

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

TRIPLE 10'x 9' R.C.B. - STA. 8+07.73

APPROVED G.C. Keith COUNTY ROAD COMMR.

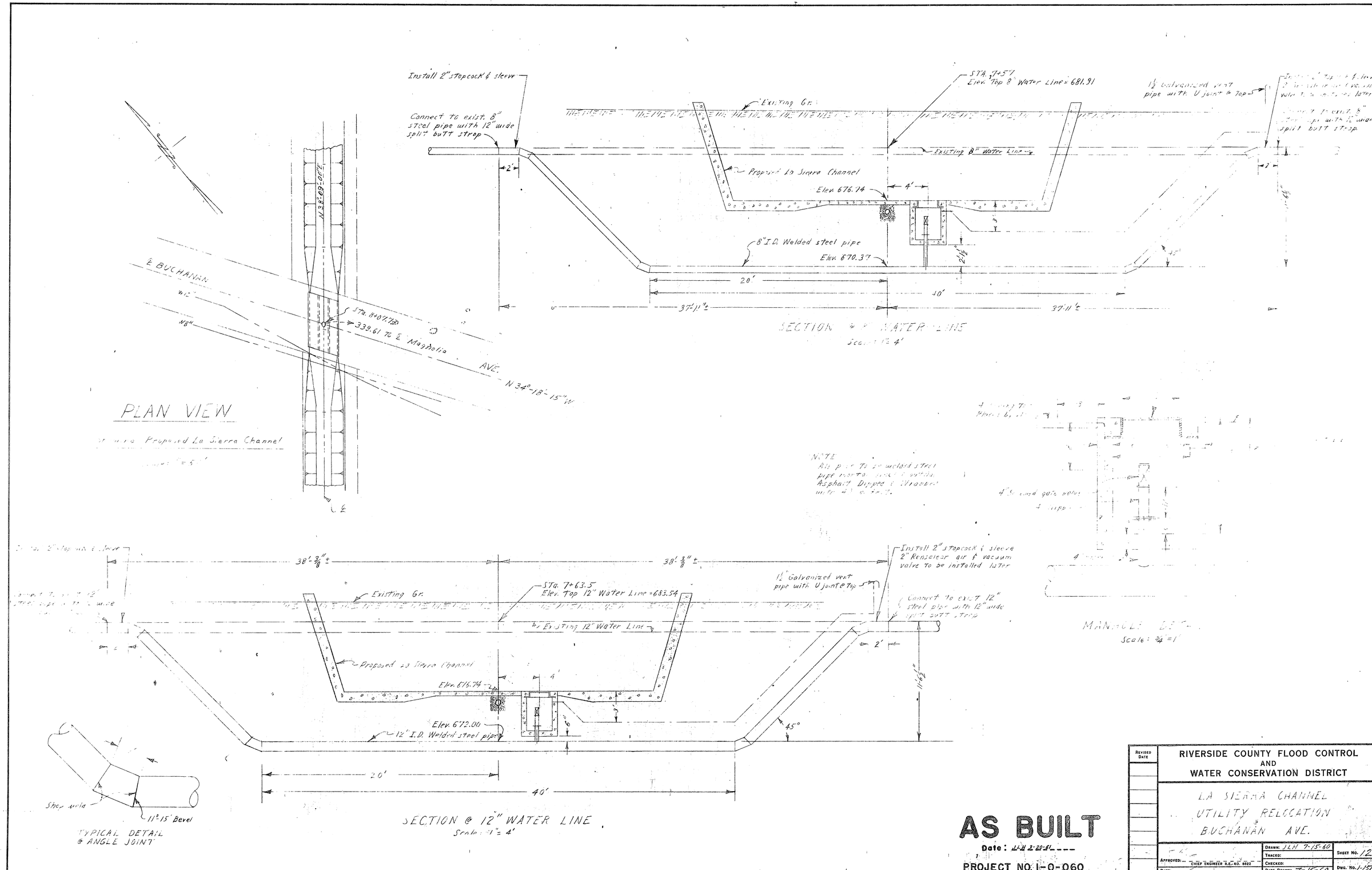
STRUCTURE DETAIL

APPROVED: Hall Bryant CHIEF ENGINEER R.E. NO. 8822
DATE: 7/1/60

DRAWN BY:
CHECKED BY:
DATE DRAWN:

SHEET No. 11
DR. No. 1-151

D-173A Rd. Dept. 728



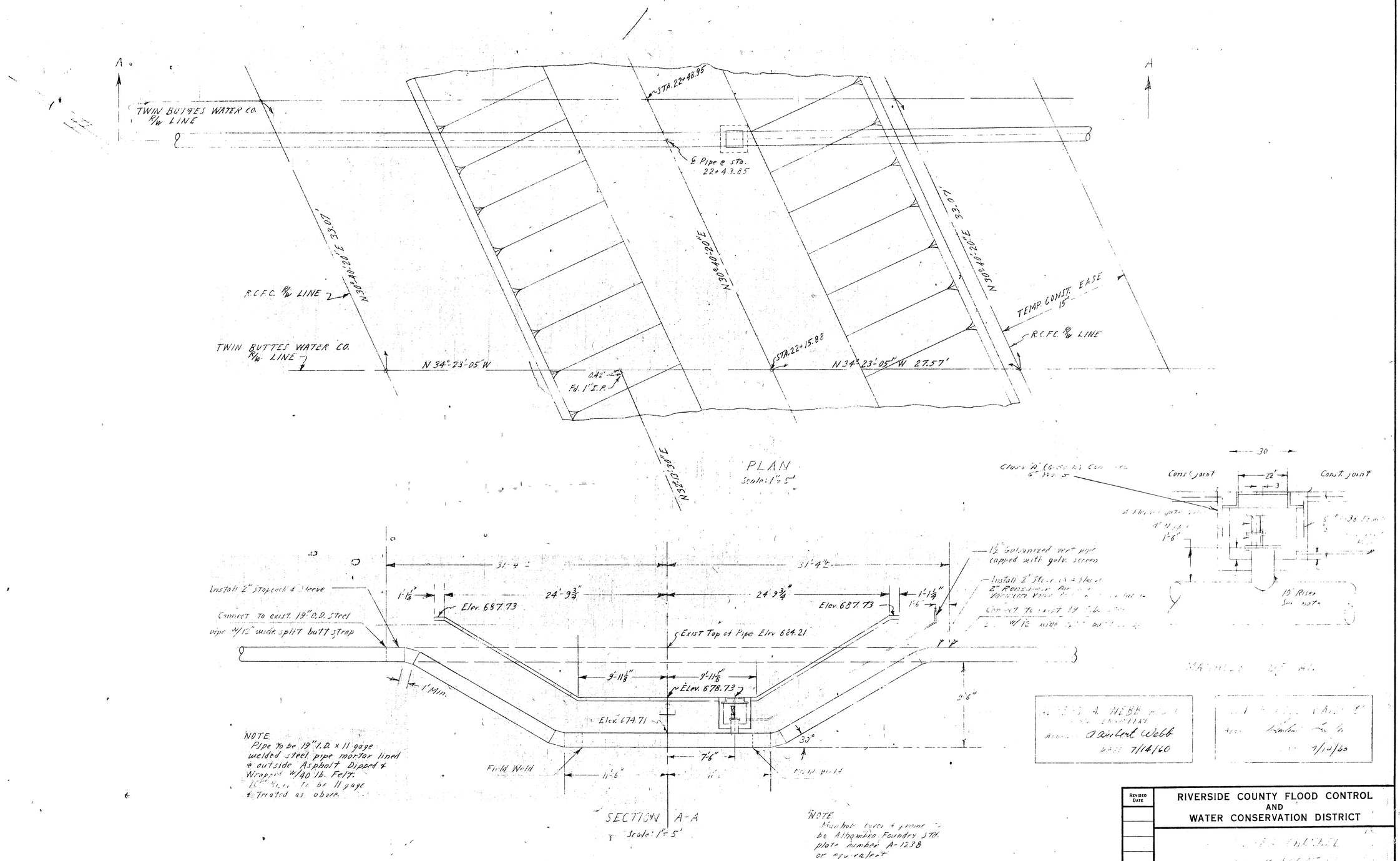
AS BUILT

Date: JLH 2-20-61

PROJECT NO. 1-0-060

Revised Date	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
	LA SIERRA CHANNEL UTILITY RELOCATION BUCHANAN AVE.
	Drawn: JLH 7-15-60 — Sheet No. 12
	Approved: Chief Engineer R.E. No. 8822 — Traced: — Checked: — Dwg. No. 1-157
	Date: — Date Drawn: 7-15-60

D-173 A



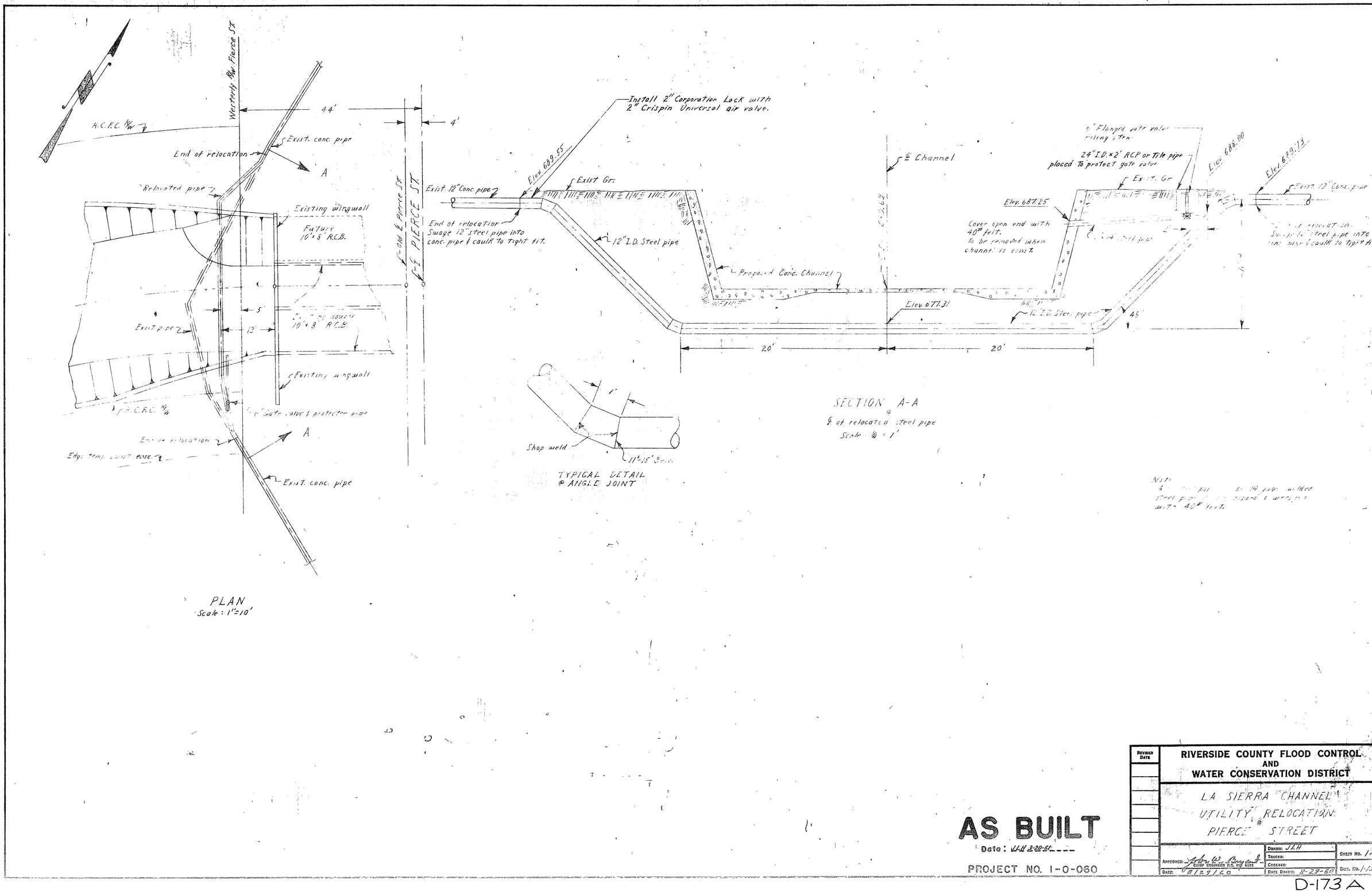
AS BUILT

Date: JLH 3-20-61

PROJECT NO. 1-0-060

Revised Date	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
	[illegible] CHANNEL RELOCATION for TWIN BUTTES WATER CO.
	Approved: John W. Bryant, Chief Engineer R.E. No. 6822 — Date: 7/14/60
	Drawn: JLH 7-14-60 — Traced: — Checked: — Date Drawn: 7-14-60
	Sheet No. 13 — Dwg. No. 1-151

D-173 A



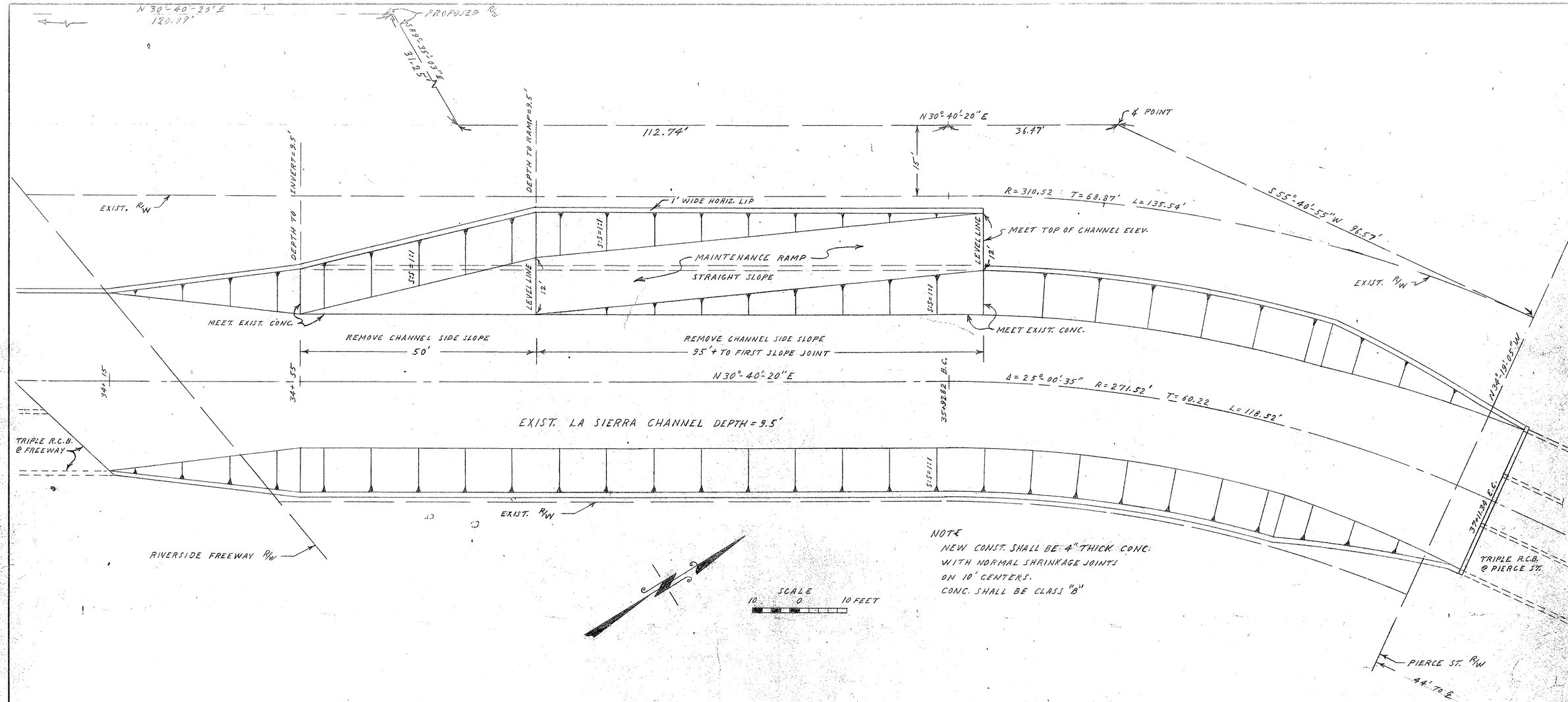
AS BUILT

Date: JLH 3-20-61

PROJECT NO. 1-0-060

REVISED DATE	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
	LA SIERRA CHANNEL UTILITY RELOCATION PIERCE STREET
	APPROVED: John W. Bryant, CHIEF ENGINEER R.C. NO. 6032 — DATE: 8/29/60 — DRAWN: JLH — TRACED: — CHECKED: — DATE DRAWN: 8-29-60 — SHEET NO. 14 — DWG. NO. 1-157

D-173 A



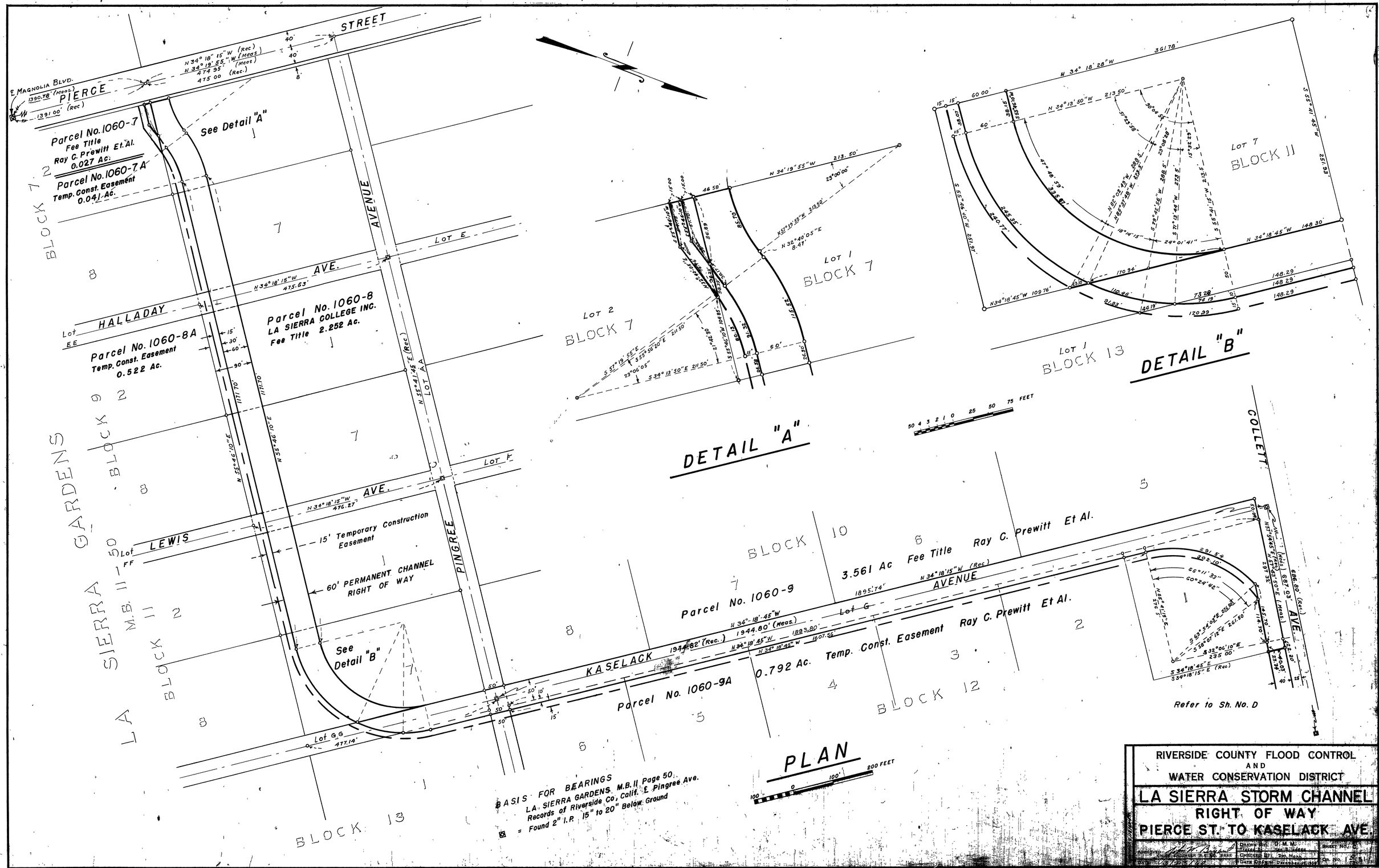
NOTE
NEW CONST. SHALL BE 4" THICK CONC.
WITH NORMAL SHRINKAGE JOINTS
ON 10' CENTERS.
CONC. SHALL BE CLASS "B"

NOT BUILT "YET" 1971
KRB

PROJECT NO. 1-0-060

REVISED DATE	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
	LA SIERRA STORM CHANNEL MAINTENANCE RAMP AT PIERCE STREET
	APPROVED: John W. Bryant, CHIEF ENGINEER, ENG. NO. 5082 — DATE: 3-15-48
	DRAWN: J.L. HANSON — TRACED: — CHECKED: — DATE DRAWN: 3-6-68
	SHEET NO. 14A — DWG. NO. 1-153

D-173A



PIERCE STREET
℄ MAGNOLIA BLVD.
1390.78' (Meas.)
1391.00' (Rec.)
N 34° 18' 15" W (Rec.)
N 34° 19' 55" W (Meas.)
474.95' (Meas.)
475.00 (Rec.)
See Detail "A"
Parcel No. 1060-7
Fee Title
Ray C. Prewitt Et. Al.
0.027 Ac.
Parcel No. 1060-7 A
Temp. Const. Easement
0.041 Ac.
BLOCK 7
AVENUE
LOT E
HALLADAY AVE.
N 34° 18' 15" W
475.63'
Parcel No. 1060-8
LA SIERRA COLLEGE INC.
Fee Title 2.252 Ac.
Parcel No. 1060-8A
Temp. Const. Easement
0.522 Ac.
Lot EE
BLOCK 9
LA SIERRA GARDENS
M.B. 11-50
BLOCK 11
LOT F
LEWIS AVE.
N 34° 18' 15" W
476.27'
15' Temporary Construction Easement
60' PERMANENT CHANNEL RIGHT OF WAY
PINGREE
See Detail "B"
Lot FF
Lot GG
477.14'
BLOCK 13
BLOCK 10
BLOCK 12
KASELACK AVENUE
Parcel No. 1060-9
3.561 Ac Fee Title Ray C. Prewitt Et Al.
N 34° 18' 15" W (Rec.)
1895.74'
Lot G
Parcel No. 1060-9A
0.792 Ac. Temp. Const. Easement Ray C. Prewitt Et Al.
N 34° 18' 45" W
1944.80' (Meas.)
1944.82' (Rec.)
1893.80'
1607.56'
Refer to Sh. No. D
COLLETT AVE.
DETAIL "A"
LOT 2
BLOCK 7
LOT 1
BLOCK 7
N 34° 19' 55" W
213.50'
N 32° 40' 05" E
8.47'
DETAIL "B"
LOT 7
BLOCK 11
LOT 1
BLOCK 13
N 34° 18' 28" W
361.78'
N 34° 13' 50" W
213.50'
N 34° 18' 45" W
148.30'
N 34° 18' 45" W
109.76'
PLAN
100 0 100' 200 FEET
BASIS FOR BEARINGS
LA SIERRA GARDENS M.B. 11 Page 50
Records of Riverside Co., Calif. ℄ Pingree Ave.
= Found 2" I.P. 15" to 20" Below Ground
RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT
LA SIERRA STORM CHANNEL
RIGHT OF WAY
PIERCE ST. TO KASELACK AVE.
PROJECT NO. 1-0-060
D-173A

LA SIERRA HEIGHTS TRACT NO. 2

M.B. 7 – 66

LA SIERRA GARDENS

M.B. 11 PG. 42 – 50

BLOCK 52

Lot 3 | Lot 2 | Lot 1

Parcel No. 1060-10 Fee Title
La Sierra College Inc.
1.598 Acres

Parcel No. 1060-11
1.002 Ac. Fee Title
Second Sepulveda Housing Corp. Et. Al.

BLOCK 18 | BLOCK 22

Lot 4 | Lot 8 | Lot 4 | Lot 8

Lot L (M.B. 7/66) – AVE. – N 34° 03' 15" W (Rec.)

Lot W (M.B. 7/66) – AVE. – Lot CC (M.B. 11/42-50) N 34° 17' 30" W (Rec.)

AVE. – Lot CD – N 33° 58' 15" W (Rec.)

AVE. – Lot C-E – N 33° 58' 15" W (Rec.)

652.89' (Rec.) | 620.00' (Rec.) | 716.17' (Rec.)

687.03' (Meas.) 686.80' (Rec.) COLLETT – Lot K / Lot B (M.B. 7/66) / (M.B. 11/42-50) 684.27' (Meas.) 684.51' (Rec.) – AVENUE – N 57° 54' 45" E (Rec) 684.01' (Meas.) 684.51' (Rec.) – 580.51' (Rec) 580.17' (Meas.) Lot BB 576.29' (Meas.) 576.43' (Rec.)

Parcel No. 1060-12
1.548 Ac. Fee Title
Ray C. Prewitt Et. Al.

Parcel No. 1060-13
1.062 Ac. Fee Title
Second Sepulveda Housing Corp. Et. Al.

Lot G – KASELACK – N 34° 18' 15" W (Rec.) | Lot H – MORTON – N 34° 18' 15" W (Rec.) | Lot I – SIMMONS – N 34° 18' 15" W (Rec.) | Lot J – GOLDEN – N 34° 18' 15" W (Rec.) | Lot KA – HIGGS – N 34° 18' 15" W (Rec.) | Lot LA – LYON – N 34° 18' 15" W (Rec.)

Lot 1 | Lot 7 | Lot 1 | Lot 7 | Lot 1 | Lot 7 | Lot 1 | Lot 3 | Lot 1 | Lot 3

REFER TO SHEET NO. C

BLOCK 12 | BLOCK 14 | BLOCK 16 | BLOCK 19 | BLOCK 23

Refer to Sh. No. E

LA SIERRA GARDENS M.B. 11 PG. 42 – 50

PLAN

100' 0 100' 200 FEET

BASIS FOR BEARINGS
LA SIERRA GARDENS M.B. 11 Pg. 42-50
Records of Riverside Co, Calif. & Collett Avenue.

⊠ = Found 2" I.P. 2" to 6" Below Ground Surface.

PROJECT NO. 1-[illegible]-060

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

LA SIERRA STORM CHANNEL
RIGHT OF WAY
KASELACK AVE. TO LYON AVE.

APPROVED: [signature] CHIEF ENGINEER R.E. NO. 8822
DATE: 3/23/60

DRAWN BY: David W. Mann
TRACED BY: Ken Billadeau
CHECKED BY: D.M.M.
DATE DRAWN: Dec. 15, 1959

SHEET No. 5
DR. No. 1-151

D-173A

LA SIERRA GARDENS
M.B. II PG. 42 — 50

BLOCK 22

BLOCK 26

BLOCK 40

BLOCK 43

BLOCK 46

BLOCK 49

AVENUE

Lot 4 Lot 8

Parcel No. 1060—15
0.215 Acres Fee Title
Ray C. Prewitt Et Al.

Parcel No.1060-14
0.288 Ac. Fee Title
Second Sepulveda
Housing Corp. Et. Al.

Parcel No. 1060-16
1.740 Acres Fee Title
Ray C. Prewitt Et Al

Lot CE N.33°58'15"W (Rec.)

N.33°58'15"W (Rec.)

Lot CI N.33°58'15"W (Rec.)

Lot RR N.33°58'15"W (Rec.)

N.33°58'15"W

N.34°18'15"W (Rec.) N.34°17'15"W (Meas.)

S.55°42'45"W 213.50'

62°15'20"

R.215.92'

N.29°18'55"W

233.37'

164.48'

278.89'

1619.08'

1733.49'

Lot BB

576.43' (Rec)

576.15' (Meas.)

COLLETT

Lot BC

1212.94' (Rec)

1212.50' (Meas.)

N.51°54'45"E (Rec.)

607.14' (Rec.)

606.18' (Meas.)

AVENUE

19.47'

208.72'

208.72'

64.48'

64.48'

120'

6'

60'

40'

25'

50'

30'

REFER TO SH. No. D

BLOCK 23

Parcel No.1060-17
0.333 Ac. Fee Title
Second Sepulveda
Housing Corp. Et. Al

Lot LA N.34°18'15"W (Rec.)

LYON AVENUE

Lot 1 Lot 4

Parcel No. 1060-18
0.192 Acres Fee Title
Ray C. Prewitt Et Al

BLOCK 27

HOLDEN (LA SIERRA AVE.) N.34°18'15"W (Rec.)

Parcel No.1060-20
0.059 Ac. Fee Title
Second Sepulveda
Housing Corp. Et. Al.

Lot 1 Lot 6

Parcel No.1060-19
0.192 Acres Fee Title
Ray C. Prewitt Et Al

Parcel No. 1060-21
0.278 Acres Fee Title
Angelina Lo Cascio

BLOCK 41

SKOFSTAD N.34°18'15"W (Rec.)

Lot M

Lot 1 Lot 6

Parcel No. 1060-22
0.534 Acres Fee Title
Second Sepulveda Housing Corp. Et. Al.

BLOCK 44

MILLER N.34°18'15"W (Rec.)

Lot N

Lot 1 Lot 6

Parcel No. 1060-23
0.557 Acres Fee Title
Alvord School District

BLOCK 47

HEDRICK N.34°18'15"W (Rec.)

Lot O

LA SIERRA GARDENS
M.B. II PG. 42-50

PLAN

100 0 100 200 FEET

BASIS OF BEARINGS
LA SIERRA GARDENS M.B.II Pg. 42-50
Records of Riverside Co, Calif. & Collett Ave.

⊡ = Found 2" I.P. 2" to 6" below Ground Surface.

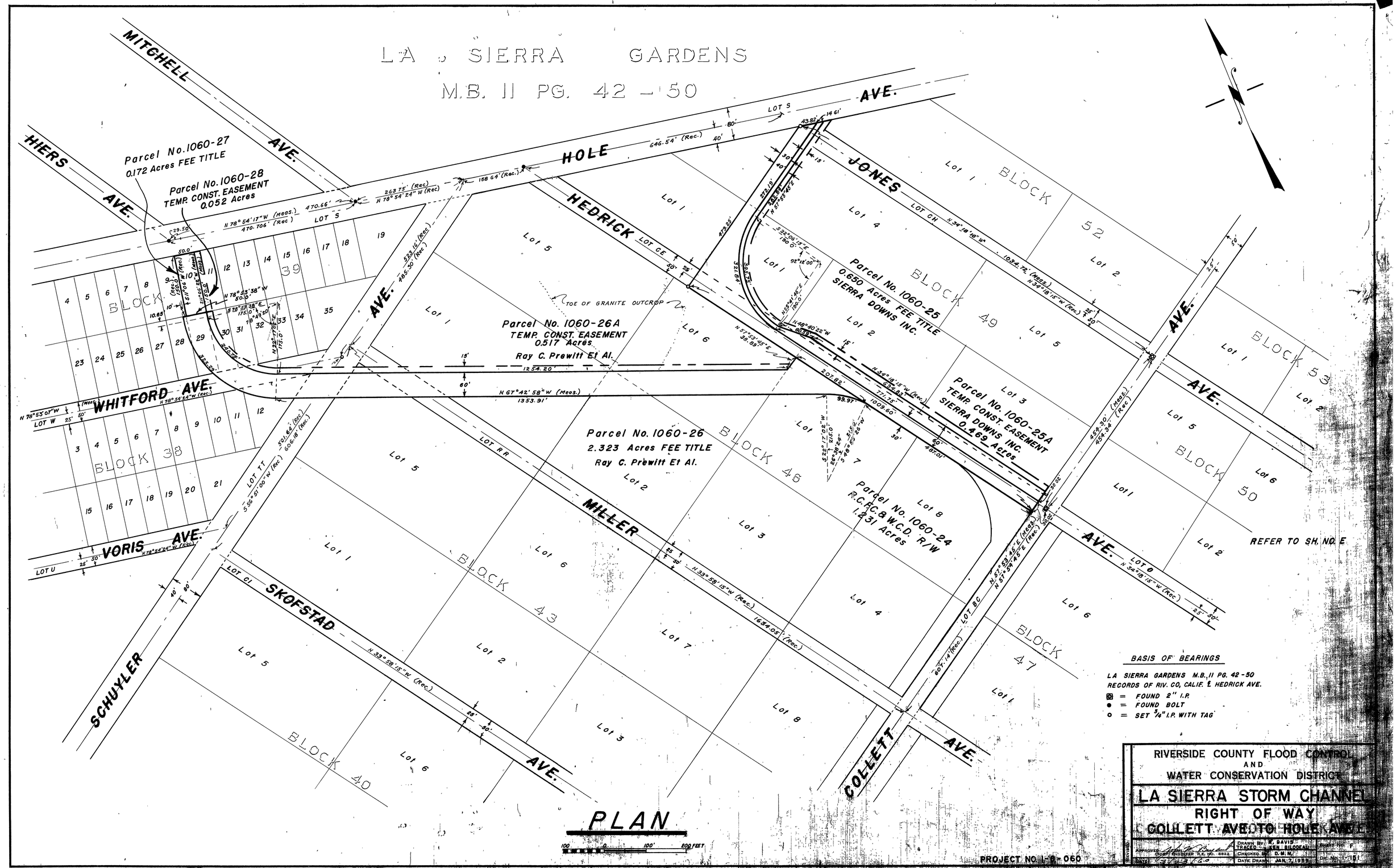
RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

LA SIERRA STORM CHANNEL
RIGHT OF WAY
LYON AVE. TO HEDRICK AVE.

APPROVED: CHIEF ENGINEER R.E. MOORE 6822	DRAWN BY: D. M. MANN	SHEET NO. 6
DATE: 12/23/70	TRACED BY: KEN BILODEAU	
	CHECKED BY: D. M. M.	DR. NO. 1-15
	DATE DRAWN: Dec. 16, 1970	

PROJECT NO. 1-0-060

D-173-A


LA SIERRA GARDENS
M.B. 11 PG. 42 - 50
MITCHELL AVE.
HIERS AVE.
HOLE AVE.
HEDRICK AVE.
JONES AVE.
WHITFORD AVE.
VORIS AVE.
SCHUYLER AVE.
SKOFSTAD AVE.
MILLER AVE.
COLLETT AVE.
Parcel No. 1060-27
0.172 Acres FEE TITLE
Parcel No. 1060-28
TEMP. CONST. EASEMENT
0.052 Acres
Parcel No. 1060-26A
TEMP. CONST. EASEMENT
0.517 Acres
Ray C. Prewitt Et Al.
Parcel No. 1060-26
2.323 Acres FEE TITLE
Ray C. Prewitt Et Al.
Parcel No. 1060-25
0.650 Acres FEE TITLE
SIERRA DOWNS INC.
Parcel No. 1060-25A
TEMP. CONST. EASEMENT
SIERRA DOWNS INC.
0.469 Acres
Parcel No. 1060-24
R.C.F.C. & W.C.D. R/W
1.231 Acres
TOE OF GRANITE OUTCROP
BLOCK 39
BLOCK 38
BLOCK 43
BLOCK 40
BLOCK 46
BLOCK 47
BLOCK 49
BLOCK 50
BLOCK 52
BLOCK 53
REFER TO SH. NO. E
BASIS OF BEARINGS
LA SIERRA GARDENS M.B. 11 PG. 42-50
RECORDS OF RIV. CO, CALIF. & HEDRICK AVE.
= FOUND 2" I.P.
= FOUND BOLT
= SET 3/4" I.P. WITH TAG
PLAN
100 0 100' 200 FEET
RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT
LA SIERRA STORM CHANNEL
RIGHT OF WAY
COLLETT AVE. TO HOLE AVE.
DRAWN BY R. DAVIS
TRACED KEN BILODEAU
CHECKED BY D. M. N.
DATE DRAWN JAN. 7, 1959
PROJECT NO. 1-B-060
D-173A