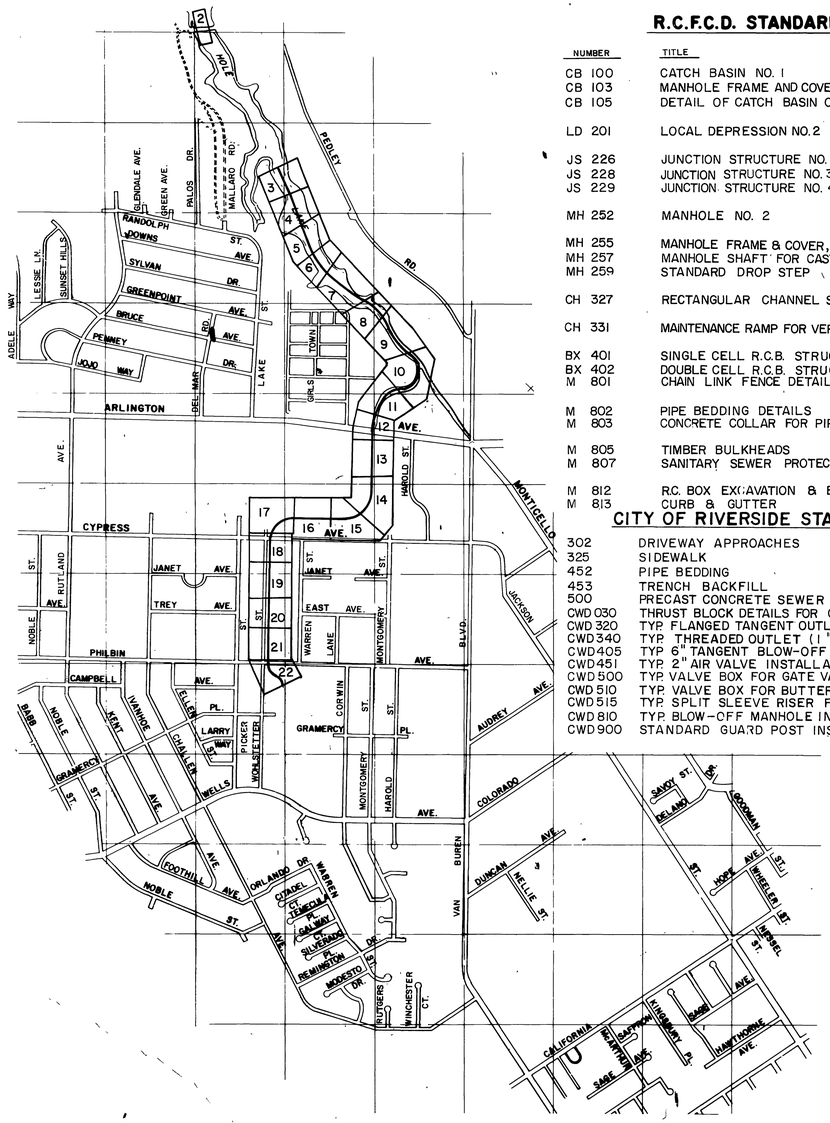
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

ANZA CHANNEL - STAGE I



R.C.F.C.D. STANDARD DRAWINGS

NUMBER	TITLE	SHEET NO.
CB 100	CATCH BASIN NO. 1	35
CB 103	MANHOLE FRAME AND COVER FOR CATCH BASINS	36
CB 105	DETAIL OF CATCH BASIN OPENING	37
LD 201	LOCAL DEPRESSION NO. 2	38
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JS 228	JUNCTION STRUCTURE NO. 3	40
JS 229	JUNCTION STRUCTURE NO. 4	41
MH 252	MANHOLE NO. 2	42
MH 255	MANHOLE FRAME & COVER, NON-ROCKING	43
MH 257	MANHOLE SHAFT FOR CAST PIPE	44
MH 259	STANDARD DROP STEP	45
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M 801	CHAIN LINK FENCE DETAILS	53
M 802	PIPE BEDDING DETAILS	54
M 803	CONCRETE COLLAR FOR PIPES 12" THROUGH 66"	55
M 805	TIMBER BULKHEADS	56
M 807	SANITARY SEWER PROTECTION	57
M 812	R.C. BOX EXCAVATION & BACKFILL PAY LINES	58
M 813	CURB & GUTTER	59

CITY OF RIVERSIDE STANDARD DRAWINGS

302	DRIVEWAY APPROACHES	60-62
325	SIDEWALK	63
452	PIPE BEDDING	64-65
453	TRENCH BACKFILL	66-67
500	PRECAST CONCRETE SEWER MANHOLE	68
CWD 030	THRUST BLOCK DETAILS FOR C.I. FITTINGS	69
CWD 320	TYP. FLANGED TANGENT OUTLET 4"-12" DIA.	70
CWD 340	TYP. THREADED OUTLET (1"-2½")	71
CWD 405	TYP. 6" TANGENT BLOW-OFF	72
CWD 451	TYP. 2" AIR VALVE INSTALLATION	73
CWD 500	TYP. VALVE BOX FOR GATE VALVE 2"-8"	74
CWD 510	TYP. VALVE BOX FOR BUTTERFLY VALVES	75
CWD 515	TYP. SPLIT SLEEVE RISER FOR 8" VALVE BOX	76
CWD 810	TYP. BLOW-OFF MANHOLE INSTALLATION	77
CWD 900	STANDARD GUARD POST INSTALLATION	78

ABBREVIATIONS

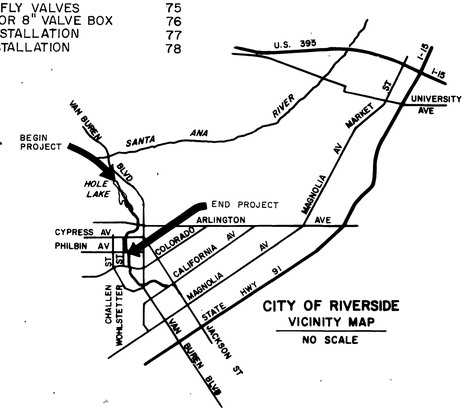
ABND.	ABANDONED
A.C.	ASPHALT CONCRETE
A.C.P.	ASBESTOS CEMENT PIPE
∠ PT.	ANGLE POINT
B.C.	BEGIN CURVE
B.C.R.	BEGIN CURB RETURN
C.B.	CATCH BASIN
C.I.P.	CAST IRON PIPE
CL	CLASSIFICATION
C.M.P.	CORRUGATED METAL PIPE
CONC.	CONCRETE
COND.	CONDUIT
C.P.	CONTROL POINT
C/R	CITY OF RIVERSIDE
DWY.	DRIVEWAY
E.C.	END CURVE
E.C.R.	END CURB RETURN
EL.	ELEVATION
F.L.	FLOW LINE
G.C.	GRADE CHANGE
H.G.L.	HYDRAULIC GRADE LINE
J.S.	JUNCTION STRUCTURE
L	LENGTH
L.D.	LOCAL DEPRESSION
M.H.	MANHOLE
P.C.C.	PORTLAND CEMENT CONCRETE
P.R.C.	POINT OF REVERSE CURVE
R	RADIUS
R.C.B.	REINFORCED CONCRETE BOX
R.C.P.	REINFORCED CONCRETE PIPE
S.B.	SOIL BORING
S.D.	STORM DRAIN
SHT.	SHEET
STA.	STATION
T	TANGENT LENGTH
T.C.	TOP OF CURB
T.S.	TRANSITION STRUCTURE
R/W	RIGHT OF WAY
EXIST.	EXISTING
T.C.E	TEMPORARY CONSTRUCTION EASEMENT
MOD	MODIFIED

LEGEND

ANCHOR & POLE
BUILDING
BURIED TELEPHONE CABLE
CATCH BASIN
CONCRETE GUTTER
CONTROL LINE
CULVERT WITH HEADWALLS
CURB FACE
DRIVEWAY
EXISTING FLOW LINE
FENCE (OTHER THAN CHAIN LINK)
FENCE (EXISTING CHAIN LINK)
FENCE (CHAIN LINK TO BE CONST.)
FIRE ALARM CONDUIT
FIRE HYDRANT
GAS LINE
GAS METER
IRRIGATION LINE
JUNCTION STRUCTURE NO. 1 & 2
MANHOLE COVER (STORM DRAIN)
MANHOLE (SEWER)
MTD, MCD TELEPHONE
TCE LINE
PARKWAY
SIDEWALK
PROPERTY LINE
ELECTRICAL LINE
SANITARY SEWER LINE
SIGN
SOIL BORING
STORM DRAIN LINE (EXISTING)
STREET LIGHT
STREET LIGHT STANDARD
STREET LIGHT UNDERGROUND
STREET-RIGHT OF WAY
TELEPHONE OR POWER POLE
TRAFFIC LIGHT (OVERHEAD)
TRAFFIC LOOP
TRAFFIC SIGNAL CONDUIT
TREE
WALL (BLOCK OR MASONRY)
WATER LINE
WATER METER
WATER VALVE
REINFORCED CONCRETE BOX
RECTANGULAR CONCRETE CHANNEL
INDICATES FUTURE CONSTRUCTION
LIMITS OF GRADING
SPRINKLER HEAD
IRRIGATION CONTROL VALVE

GENERAL NOTES

1. TIES FOR CATCH BASINS AS SHOWN ON THE DRAWINGS ARE FROM CURB RETURN TO CENTER LINE OF CATCH BASIN, UNLESS OTHERWISE SHOWN. WHERE NO TIE IS SHOWN L.D. SHALL BEGIN AT CURB RETURN.
2. "V_1" IS THE DEPTH OF INLET OF CATCH BASINS IN SERIES MEASURED FROM TOP OF CURB TO INVERT OF CONNECTOR PIPE.
3. ALL RESURFACING, CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS AND OTHER EXISTING IMPROVEMENTS TO BE RECONSTRUCTED SHALL BE CONSTRUCTED AT THE SAME ELEVATION AND LOCATION AS THE EXISTING IMPROVEMENTS, UNLESS OTHERWISE NOTED.
4. STREET RESURFACING SHALL BE, 3" A.C. ON 6" CLASS 3 AGGREGATE BASE, UNLESS OTHERWISE SHOWN.
5. CHANNEL ACCESS ROAD SHALL BE UNPAVED.
6. ALL OPENINGS RESULTING FROM CUTTING OR PARTIAL REMOVAL OF EXISTING CULVERTS, PIPES OR SIMILAR STRUCTURES SHALL BE SEALED WITH 8" OF CLASS "B" CONCRETE, NOTED ON THE DRAWINGS AS "PLUG."
7. PIPE CONNECTIONS TO MAIN LINE SHALL CONFORM TO STANDARD DRAWINGS J.S. NO. 3 OR J.S. NO. 4, UNLESS OTHERWISE SHOWN.
8. CENTERWALLS OF ALL DOUBLE BOXES SHALL BE ROUNDED PER PIER END DETAIL SHEET NO. 26.
9. THE REINFORCEMENT FOR THE ACCESS RAMP WALLS AND SLAB SHALL BE THE SAME AS THE STRUCTURAL SECTION NOTED ON THE PLAN. THE THICKNESS OF THE RAMP SHALL BE 9". THE REINFORCING OF THE CHANNEL WALL SHALL BE BENT INTO THE RAMP SLAB.



CITY OF RIVERSIDE
VICINITY MAP
NO SCALE

DRAWING INDEX

	SHEET NO.
TITLE SHEET, LOCATION MAP, LEGEND & DRAWING INDEX	1
HOLE DAM CULVERT, PLAN & PROFILE	2
MONROE CHANNEL PLAN & PROFILE	3-9
ANZA CHANNEL PLAN & PROFILE	10-22
CONNECTOR PIPE PROFILES	23-24
JUNCTION CHAMBER & SPECIAL JUNCTION STRUCTURE	25
MISCELLANEOUS STRUCTURAL DETAILS	26-27
ACCESS BRIDGE	28
SEWER RELOCATION	29
WATER LINE RELOCATION	30
HOLE DAM ACCESS ROADS	31
ACCESS ROAD CROSS SECTIONS	32
ARLINGTON AVENUE TRAFFIC PLAN	33-34

LOCATION MAP

800 0 800 1600 FEET
SCALE

D-294

BENCH MARK
SCALE:
DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS
APPROVED BY
DATE April 28, 1972
REGISTERED CIVIL ENGINEER NO. 11843

REVISIONS

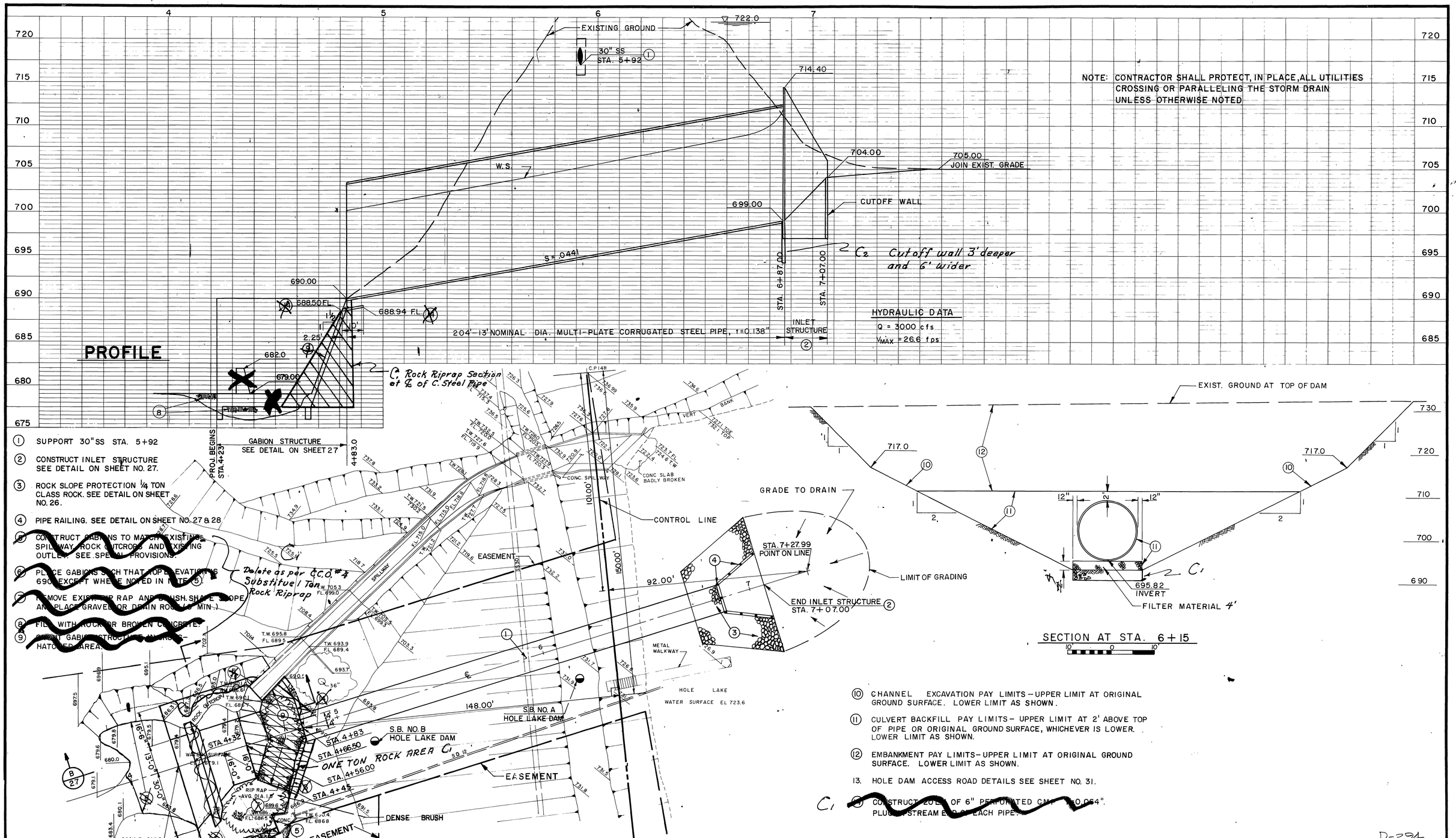
REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DESIGNED BY: G.L.H.
DRAWN BY: E.C.H.
DATE DRAWN: OCT. 1973
CHECKED BY: G.L.H.
APPROVED BY: CHIEF ENGINEER R.E. NO. 8822
DATE: 3-11-75

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

PROJECT NO 1-0-150
DRAWING NO 1-302
SHEET NO 1 OF 78

AS BUILT



BENCH MARK C.P. 148
3/4" I.P., R.C.E. 9876 ON EASTERLY SIDE OF DAM
ELEV. 736.99

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 24, 1974

REGISTERED CIVIL ENGINEER NO. 11043

REF.	DESCRIPTION	APPR.	DATE
C2	C.C.O. #2 Change Cutoff Wall		6-74
C1	CCO #4 1 Ton Rock		6-74

REVISIONS

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: T.V.P. & AGK.
DRAWN BY: R.D.F. & S.L.M.
DATE DRAWN: OCT. 1973
CHECKED BY: W.D.L., G.L.H.

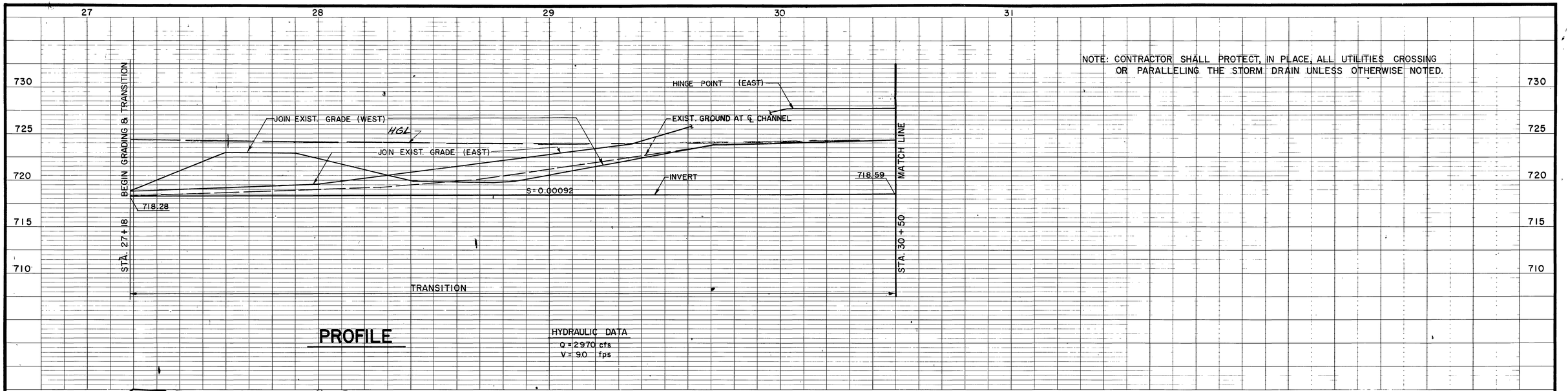
APPROVED BY: John V. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 9-4-75

ANZA CHANNEL
STAGE I
HOLE DAM CULVERT
STA. 4+23 TO STA. 7+07
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 2 OF 78

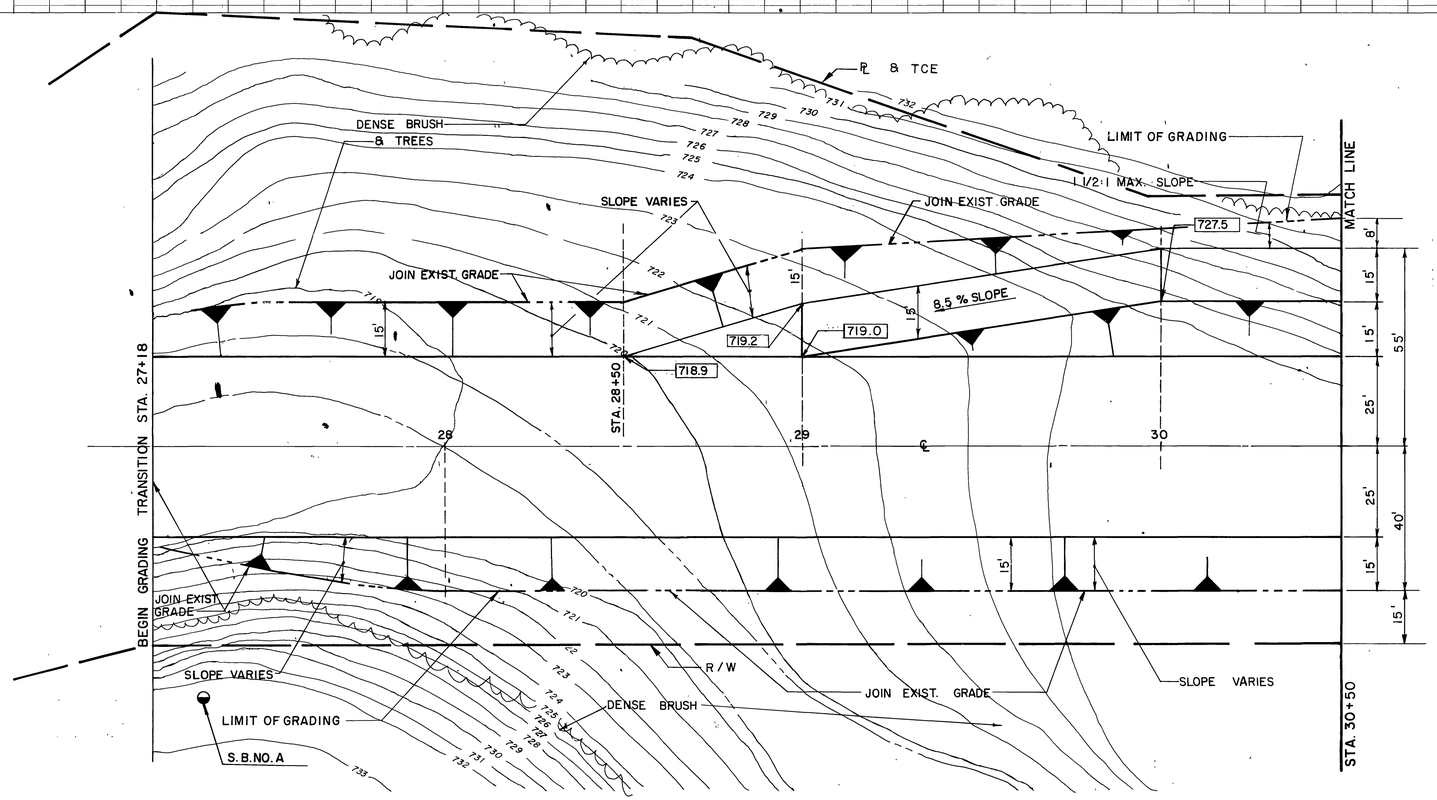
AS BUILT

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



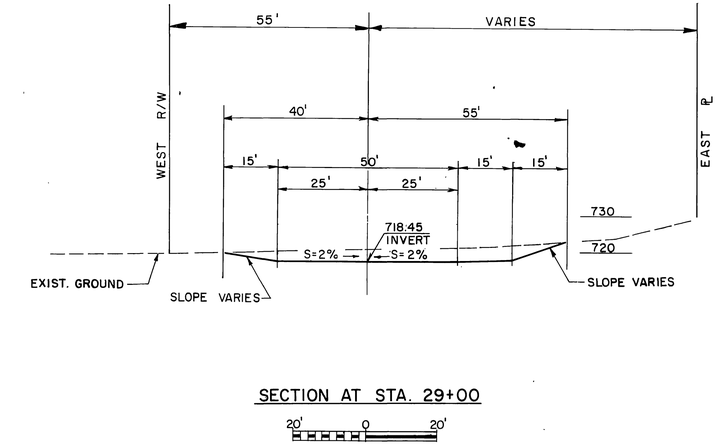
PROFILE

HYDRAULIC DATA
Q = 2970 cfs
V = 9.0 fps



PLAN

1" = 20'



SECTION AT STA. 29+00

20' 0 20'

D-294

BENCH MARK C.P. 144
1 x 2 HUB ON SURVEY CONTROL LINE
ELEV. 737.35

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 24, 1974

REGISTERED CIVIL ENGINEER NO. 11643

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

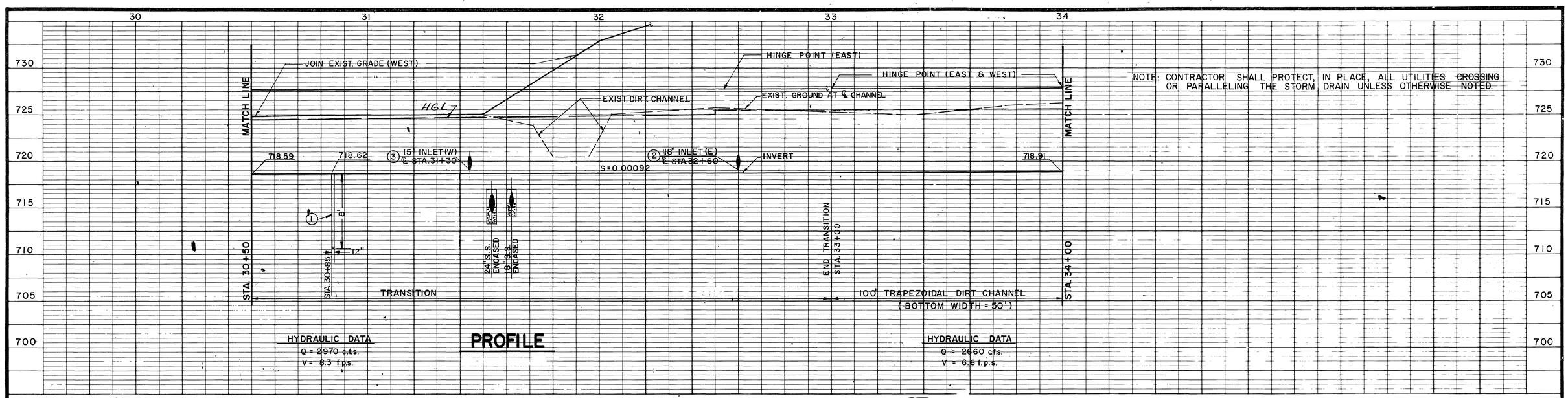
DESIGNED BY: K.E.K.
DRAWN BY: A.W.S.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE 3-4-75

ANZA CHANNEL
STAGE I
MONROE CHANNEL
STA. 27+18 TO STA. 30+50
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO 3 OF 78

AS BUILT

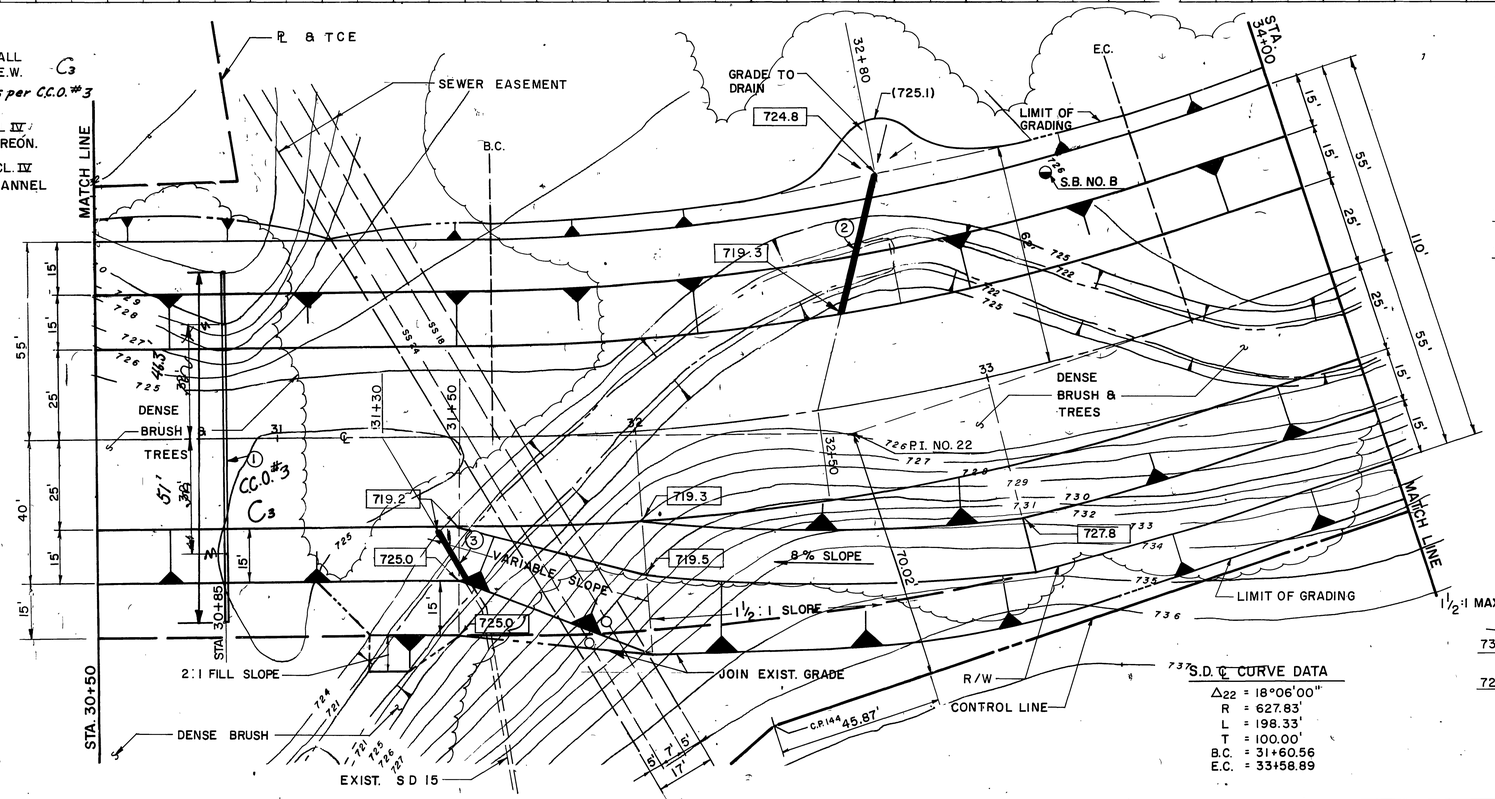


NOTE: CONTRACTOR SHALL PROTECT, IN PLACE, ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN UNLESS OTHERWISE NOTED.

① CONSTRUCT CONCRETE CUT-OFF WALL STEEL REINFORCEMENT #4 @ 18 E.W. CENTERED IN WALL. *Extened as per C.C.O. #3* C3

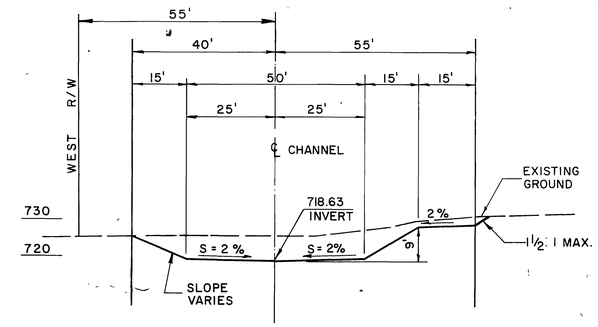
② CONSTRUCT 40 L.F OF 18" RCP, CL IV TO ℄ ELEVATIONS INDICATED HEREON. ~~18~~ 28 — C3

③ CONSTRUCT ~~18~~ L.F OF 15" RCP CL. IV FROM EXIST. SD15 TO GRADED CHANNEL AS SHOWN HEREON.



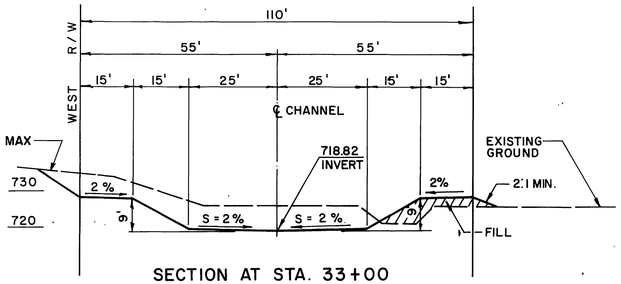
S.D. ℄ CURVE DATA

Δ_{22} = 18°06'00"
R = 627.83'
L = 198.33'
T = 100.00'
B.C. = 31+60.56
E.C. = 33+58.89



SECTION AT STA. 31+00

20' 0 20'



SECTION AT STA. 33+00

20' 0' 20'

D-294

PLAN

1" = 20'

20' 0 20'

BENCH MARK C.P 144
IX2 HUB ON SURVEY CONTROL LINE
ELEV. 737.35

SCALE:

DATE:

ALCHERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 30, 1974

REGISTERED CIVIL ENGINEER NO. 11543

REVISIONS			
C3	Change Cutoff-Wall C.C.O. #3	A.M.	6-74
REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

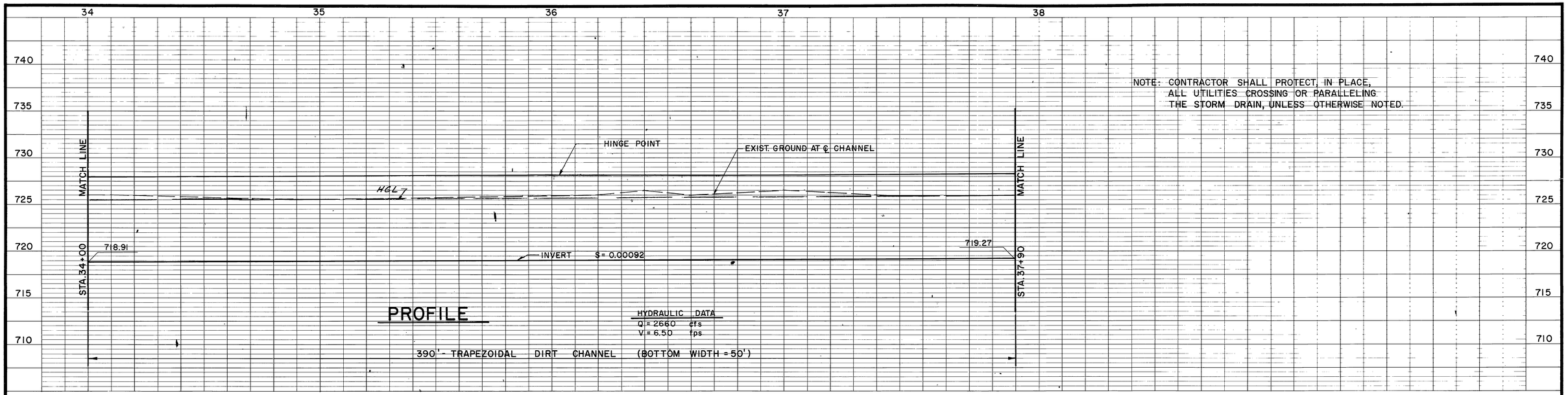
DESIGNED BY: T.V.P.
DRAWN BY: J.A.C.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

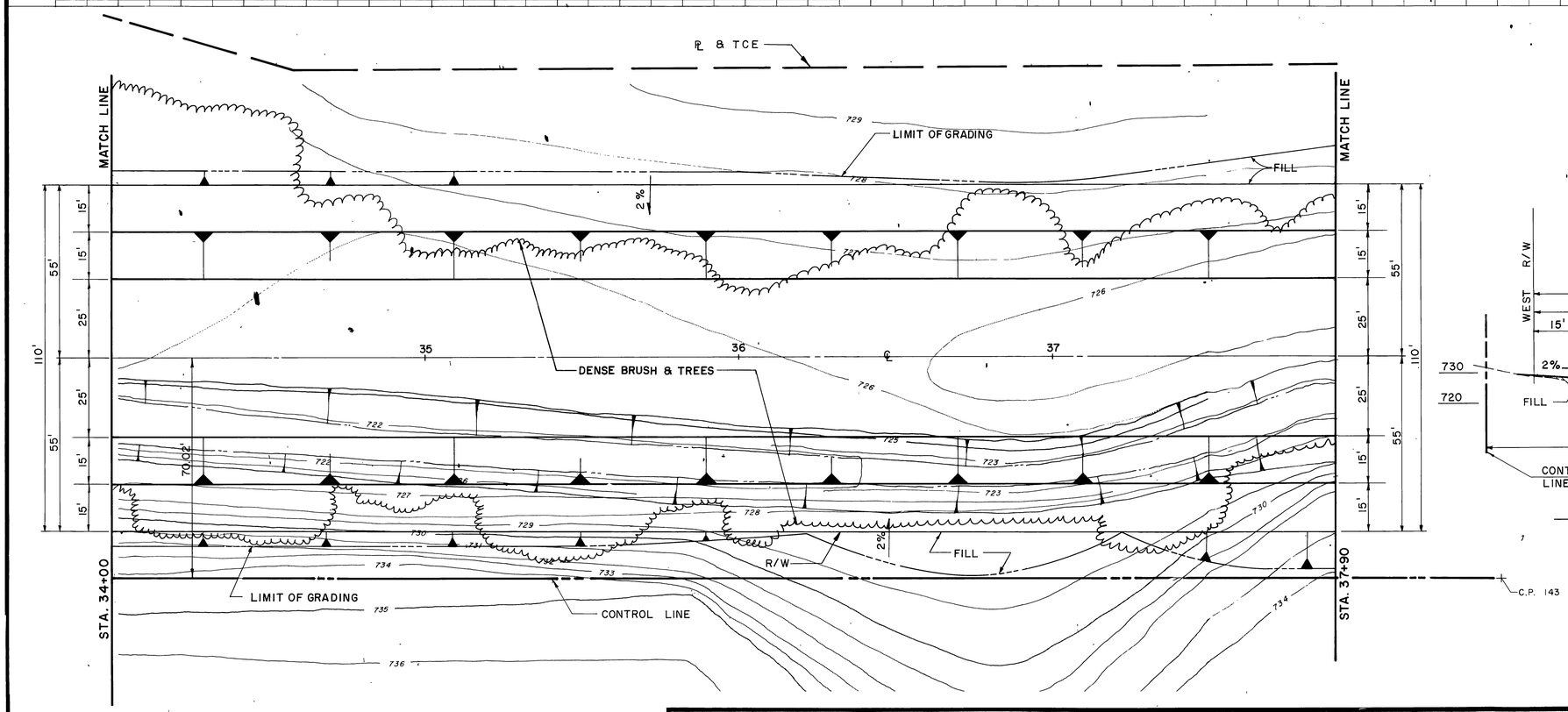
APPROVED BY: John H. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 3-11-75

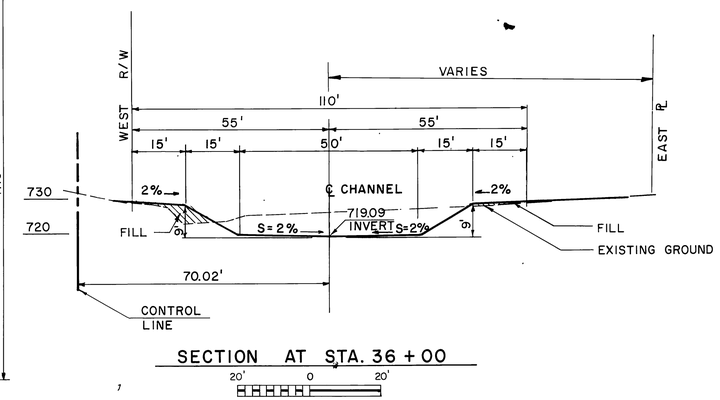
ANZA CHANNEL
STAGE I
MONROE CHANNEL
STA. 30+50 TO STA. 34+00
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 4 OF 78

AS BUILT







SECTION AT STA. 36 + 00

20' 0 20'

PLAN

1" = 20'

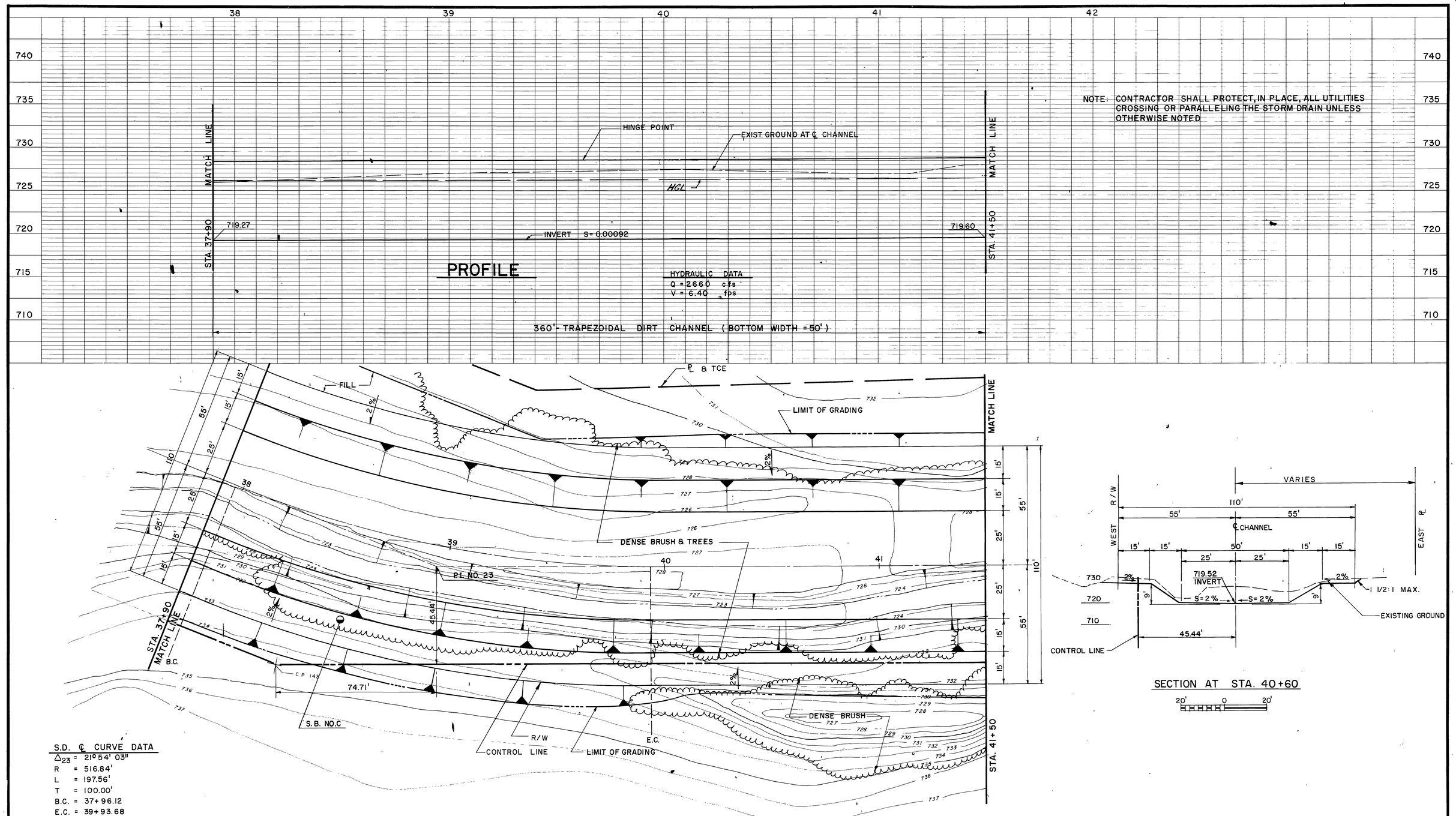
20' 0 20'

BENCH MARK C.P. 143 1X2 HUB ON SURVEY CONTROL LINE ELEV. 734.37	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS	APPROVED BY DATE April 26, 1974 REGISTERED CIVIL ENGINEER NO. 11643	REVISIONS No Change REF. DESCRIPTION APPR. DATE
SCALE: DATE:			

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL STAGE I MONROE CHANNEL STA. 34+00 TO STA. 37+90 1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	PROJECT NO. 1-0-150
DESIGNED BY: T.V.R DRAWN BY: J.A.C. DATE DRAWN: OCT. 1973 CHECKED BY: R.D.C, G.L.H.	APPROVED BY: CHIEF ENGINEER R.E. NO. 8822 DATE 3-4-75	DRAWING NO. 1-302 SHEET NO. 5 OF 78

D-294

AS BUILT



S.D. ℄ CURVE DATA

Δ_{23} = 21° 54' 03"
R = 516.84'
L = 197.56'
T = 100.00'
B.C. = 37+96.12
E.C. = 39+93.68

D-294

PLAN

1" = 20'

20' 0 20'

BENCH MARK C.P. 143
1x2 HUB ON SURVEY CONTROL LINE
ELEV. 734.37

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 30, 1974

REGISTERED CIVIL ENGINEER NO. 15543

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

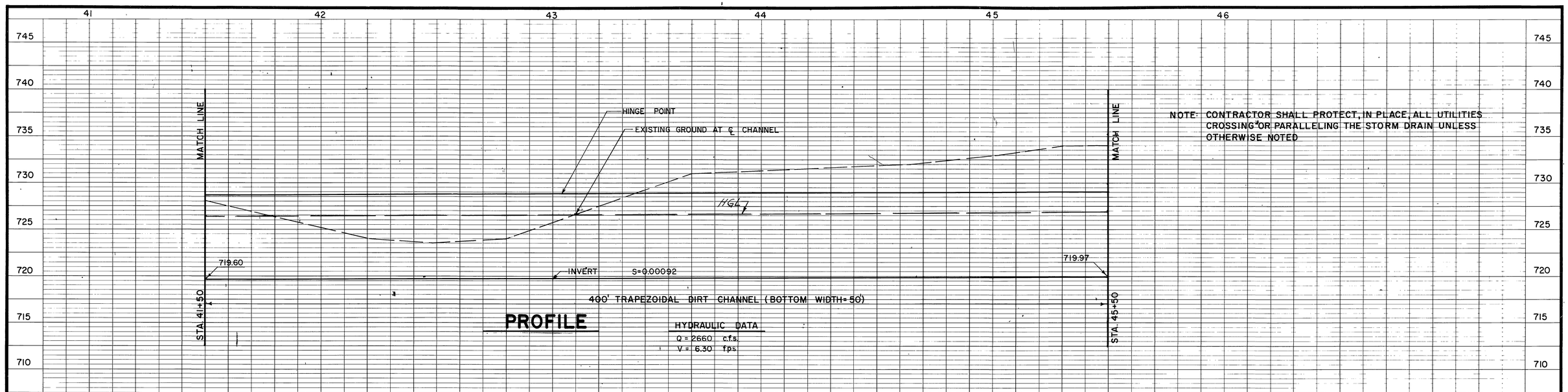
DESIGNED BY: T.V.P.
DRAWN BY: J.A.C.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

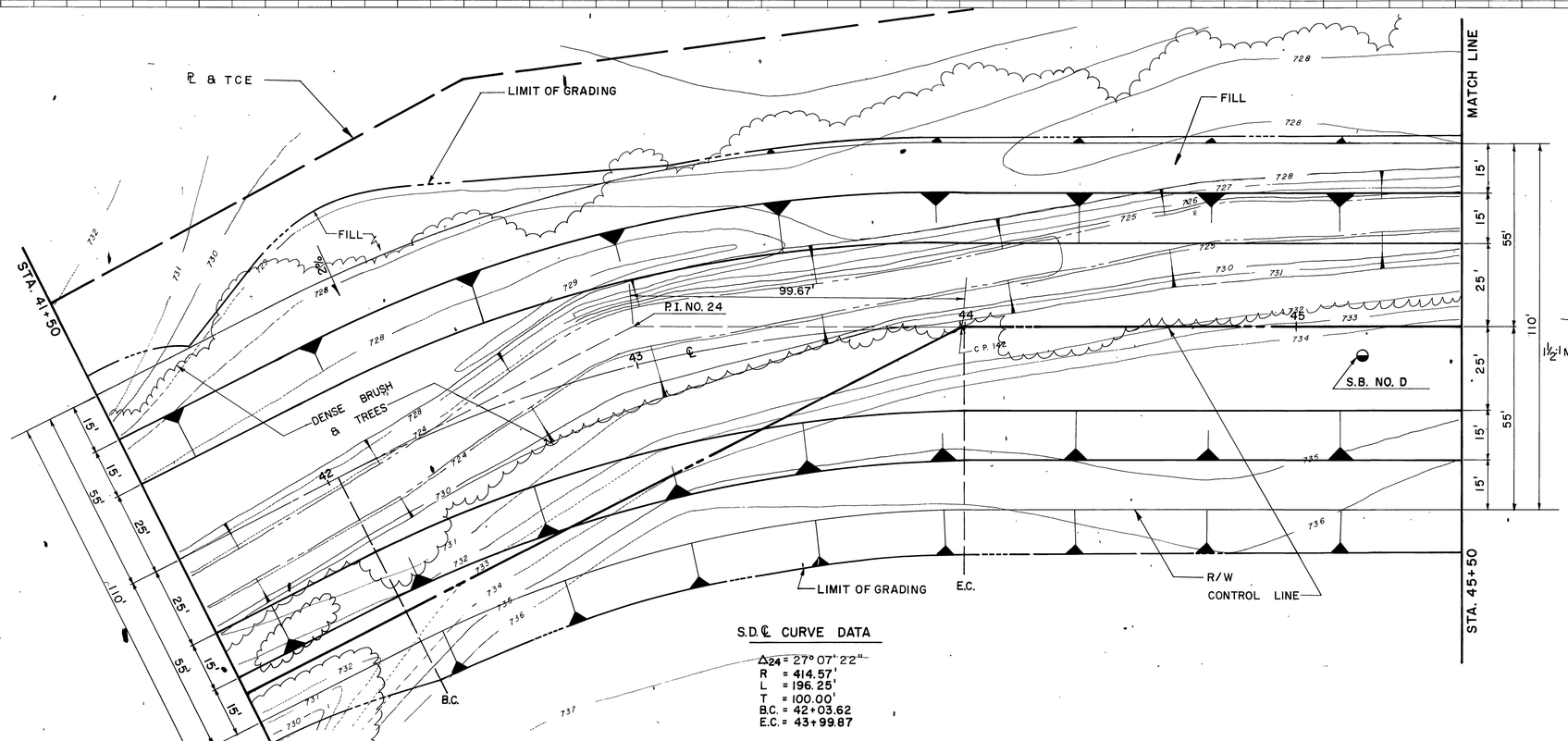
APPROVED BY:
CHIEF ENGINEER R.E. NO. 8822
DATE: 3-4-75

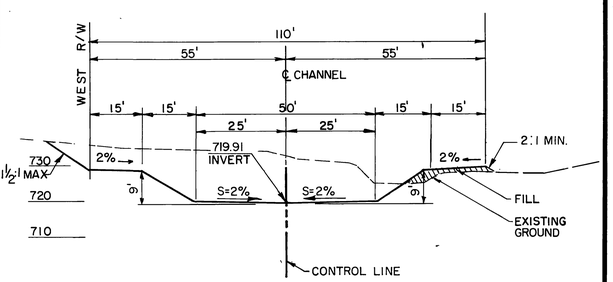
ANZA CHANNEL
STAGE I
MONROE CHANNEL
STA. 37+90 TO STA. 41+50
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 6 OF 78

AS BUILT







SECTION AT STA. 44+80

20' 0 20'

PLAN

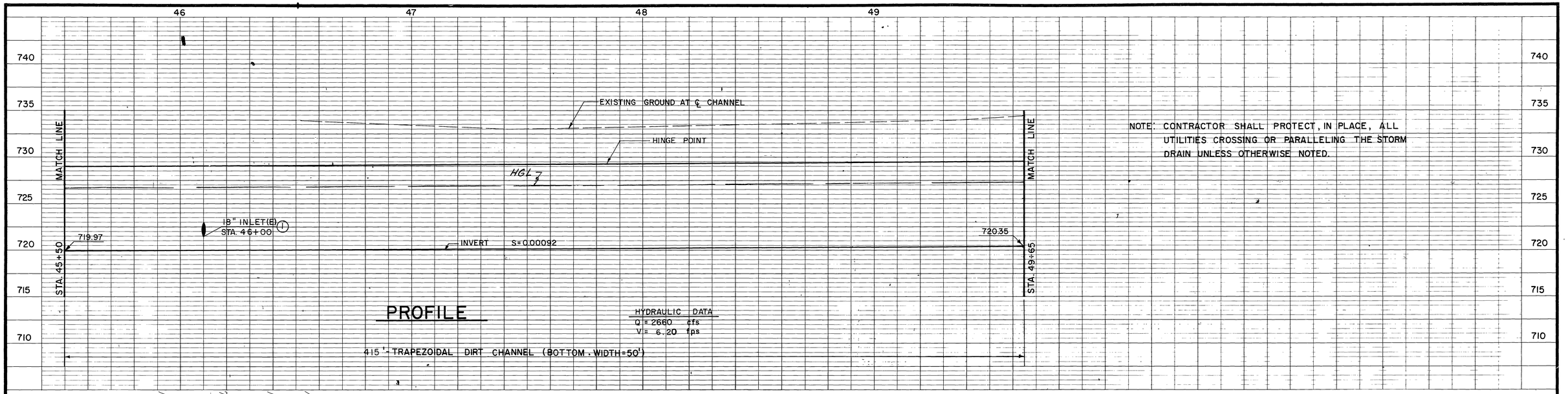
1"=20'

20' 0 20'

D-254

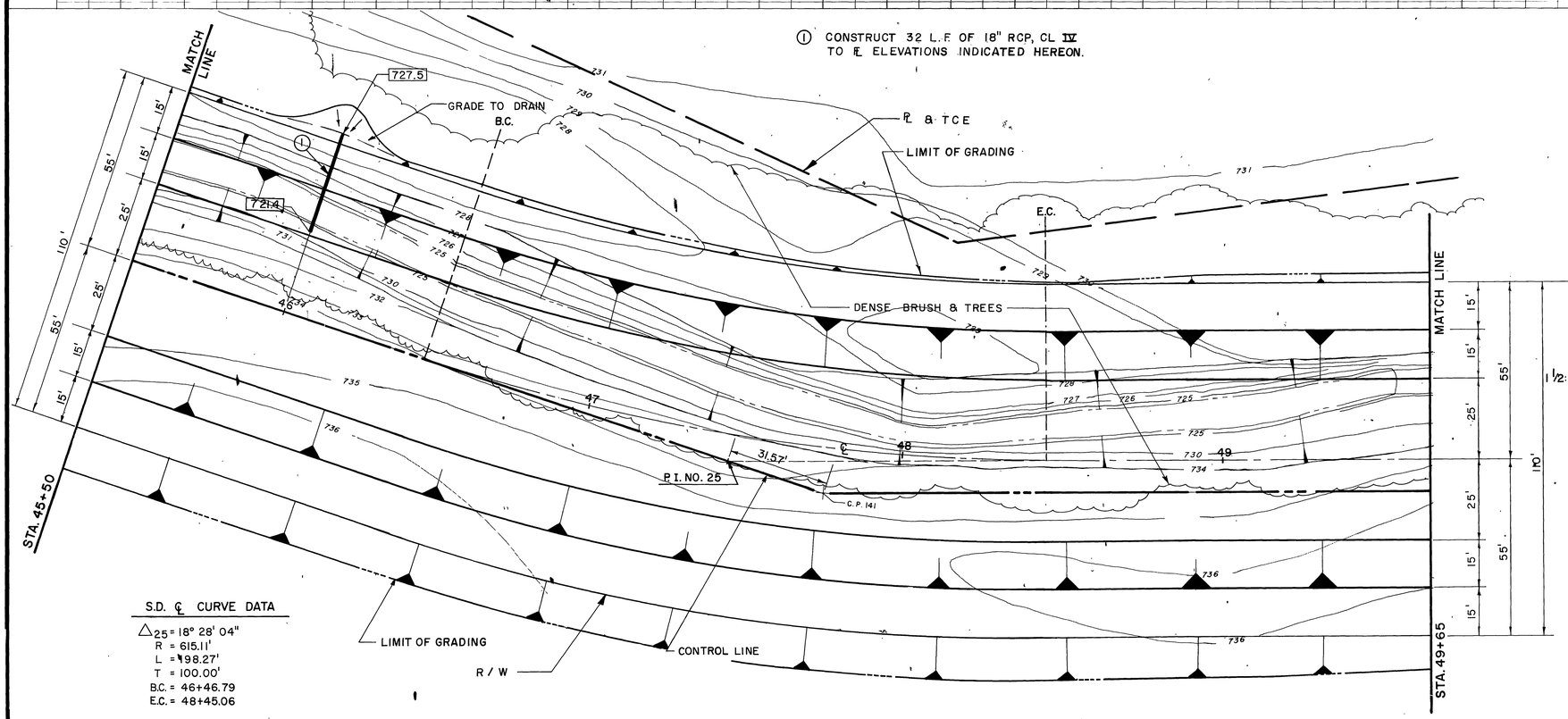
BENCH MARK C.P. 142 1x2 HUB ON SURVEY CONTROL LINE ELEV. 731.39 SCALE: DATE:	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS	APPROVED BY DATE April 26, 1974 REGISTERED CIVIL ENGINEER NO. 11643	REVISIONS No Change REF. DESCRIPTION APPR. DATE	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DESIGNED BY: T.V.P. DRAWN BY: J.A.C. DATE DRAWN: OCT. 1973 CHECKED BY: R.D.C., G.L.H.	APPROVED BY: CHIEF ENGINEER R.E. NO. 8822 DATE: 3-4-75	ANZA CHANNEL STAGE I MONROE CHANNEL STA. 41+50 TO STA. 45+50 1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	PROJECT NO. 1-0-150 DRAWING NO. 1-302 SHEET NO. 7 OF 78

AS BUILT



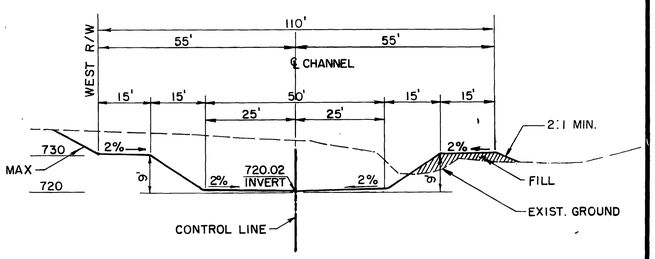
NOTE: CONTRACTOR SHALL PROTECT, IN PLACE, ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN UNLESS OTHERWISE NOTED.

① CONSTRUCT 32 L.F. OF 18" RCP, CL IV TO ℄ ELEVATIONS INDICATED HEREON.



S.D. ℄ CURVE DATA

Δ_{25} = 18° 28' 04"
R = 615.11'
L = 198.27'
T = 100.00'
B.C. = 46+46.79
E.C. = 48+45.06



SECTION AT STA. 46+00

20' 0 20'

PLAN

1"=20'

20' 0 20'

D-294

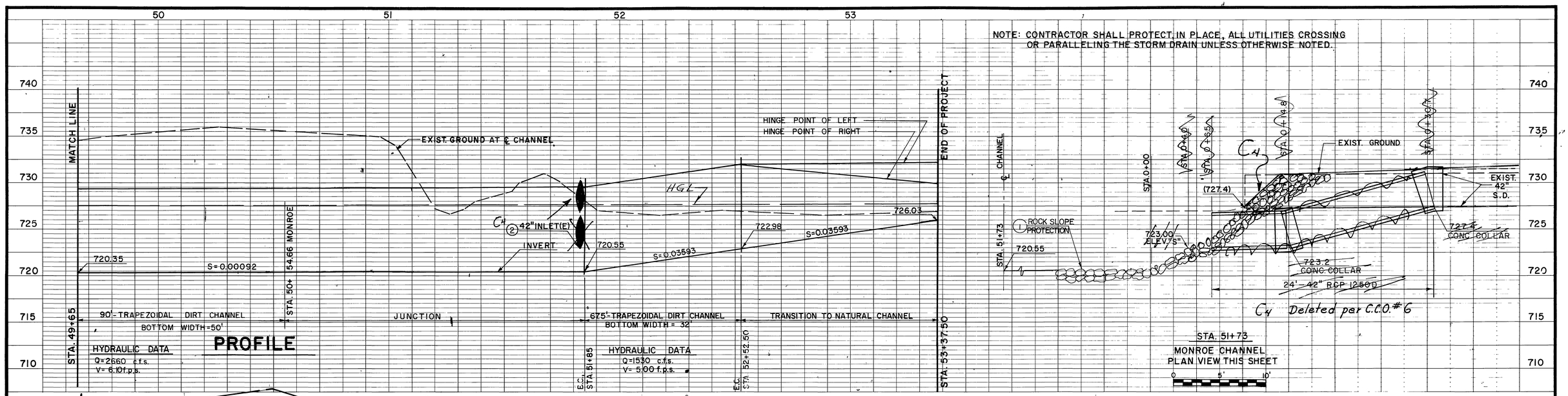
BENCH MARK C.P. 141 1x2 HUB ON SURVEY CONTROL LINE ELEV. 734.34 SCALE: DATE:	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS APPROVED BY DATE April 24, 1974 REGISTERED CIVIL ENGINEER NO. 11643	REVISIONS No Change REF. DESCRIPTION APPR. DATE	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DESIGNED BY: T.V.P DRAWN BY: J.A.C. DATE DRAWN: OCT. 1973 CHECKED BY: R.D.C., G.L.H. APPROVED BY: CHIEF ENGINEER R/E NO. 8822 DATE: 3-4-74

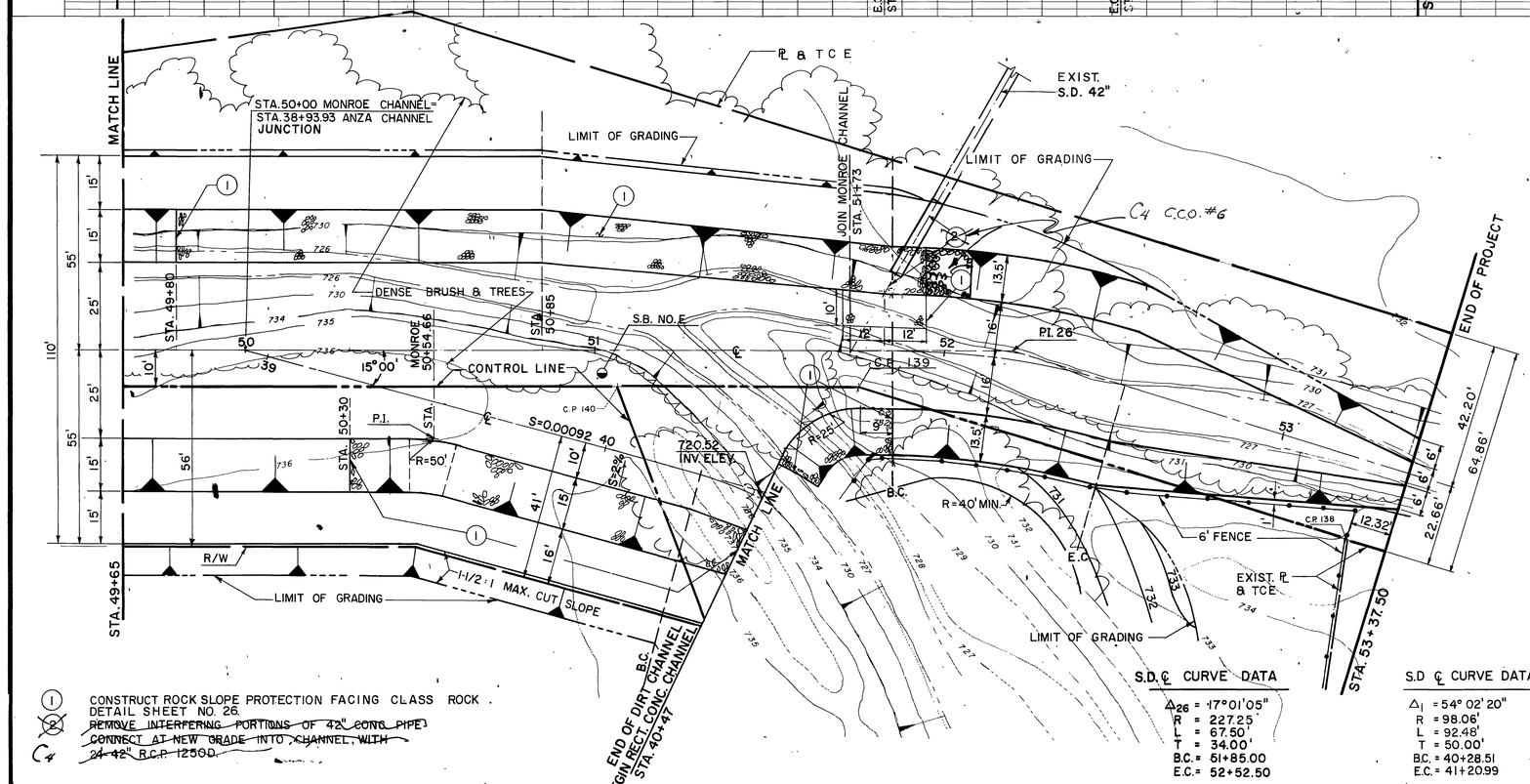
ANZA CHANNEL
STAGE I
MONROE CHANNEL
STA. 45+50 TO STA. 49+65
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

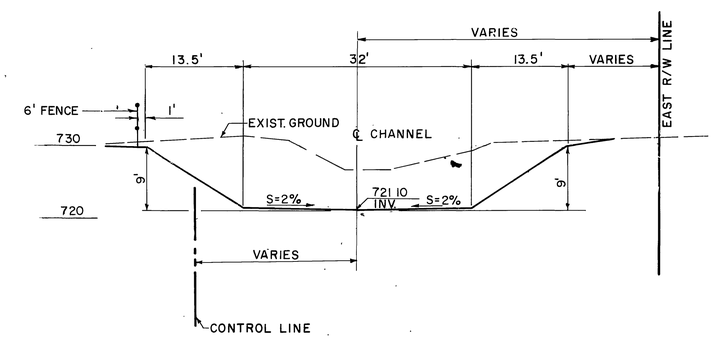
PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 8 OF 78

AS BUILT

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







(1) CONSTRUCT ROCK SLOPE PROTECTION FACING CLASS ROCK. DETAIL SHEET NO. 26.

(2) ~~REMOVE INTERFERING PORTIONS OF 42" CONC. PIPE. CONNECT AT NEW GRADE INTO CHANNEL WITH 24-42" R.C.P. 1250D.~~

C4

FOR PROFILE SEE AT RIGHT.

S.D. ℄ CURVE DATA

Δ_{26} = 17°01'05"
R = 227.25'
L = 67.50'
T = 34.00'
B.C. = 51+85.00
E.C. = 52+52.50

S.D ℄ CURVE DATA

Δ_1 = 54° 02' 20"
R = 98.06'
L = 92.48'
T = 50.00'
B.C. = 40+28.51
E.C. = 41+20.99

D-294

BENCH MARK: C.P. 140
1x2 HUB ON SURVEY CONTROL LINE
ELEV. 737.06

SCALE:

DATE:

ALDERMAN & SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 28, 1976

REGISTERED CIVIL ENGINEER NO. 11548

REVISIONS

REF.	DESCRIPTION	APPR.	DATE
C4	C.C.O. #6 Changes as shown		

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

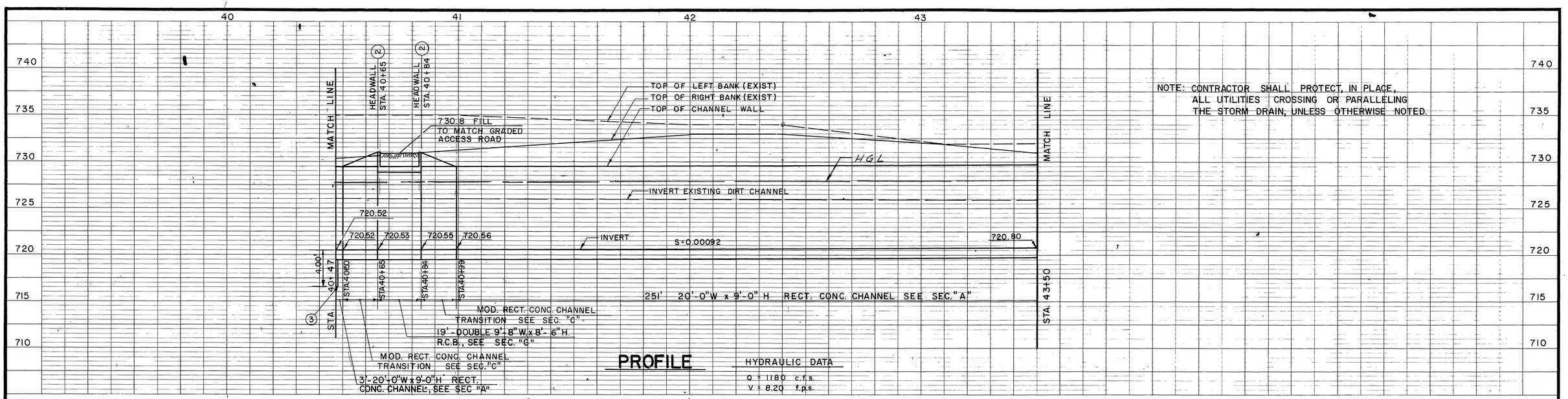
DESIGNED BY: T.V.P.
DRAWN BY: J.A.C.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

APPROVED BY:
CHIEF ENGINEER R.E. NO. 8822
DATE: 3-4-75

ANZA CHANNEL
STAGE I
MONROE CHANNEL
STA. 49+65 TO STA. 53+37.50
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

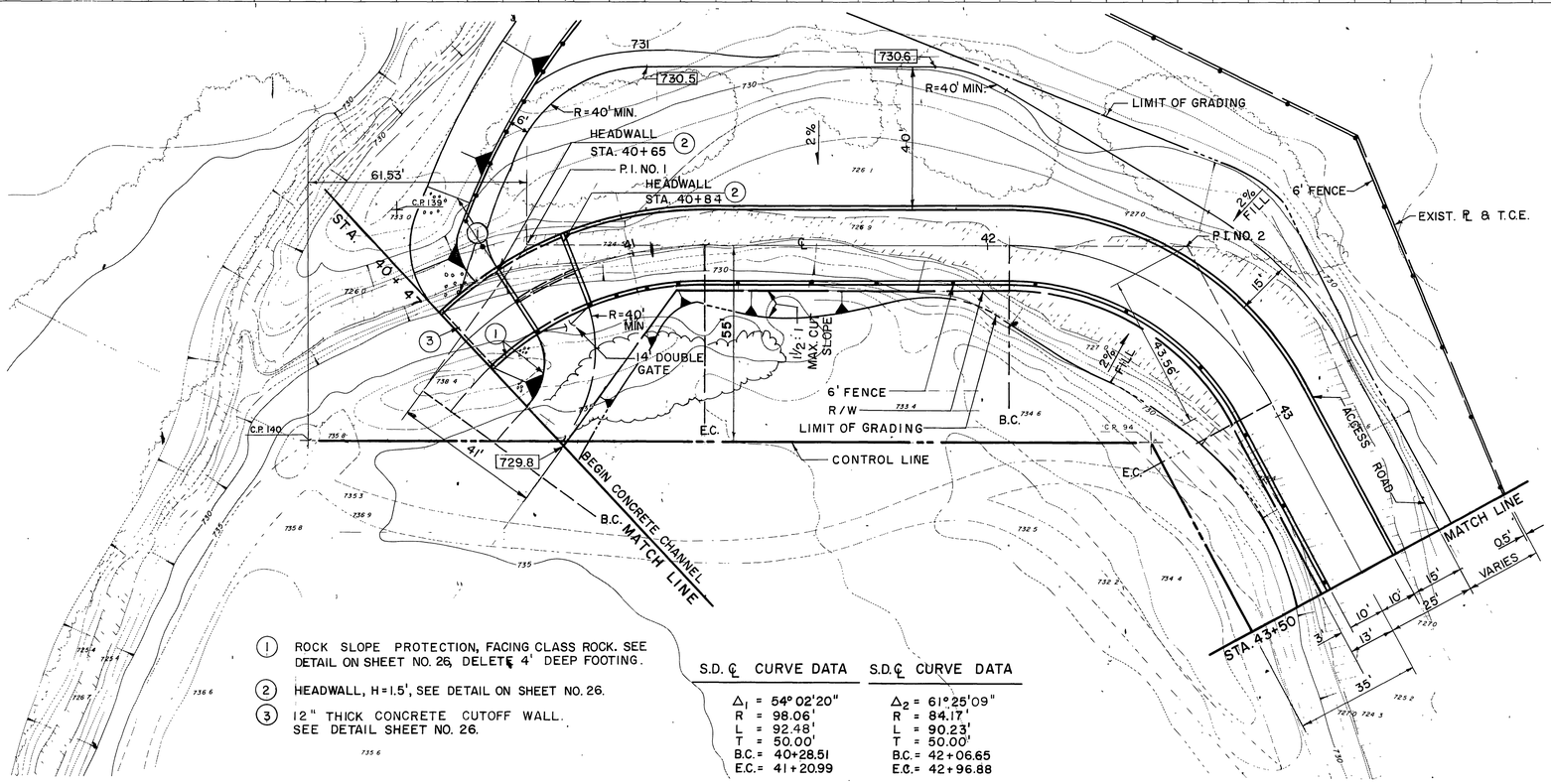
PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO 9 OF 78

AS BUILT



PROFILE

HYDRAULIC DATA
Q = 1180 c.f.s.
V = 8.20 f.p.s.



PLAN

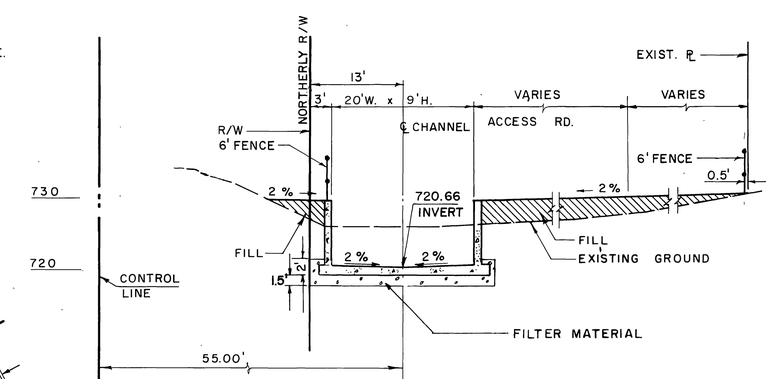
1"=20'

S.D. ℄ CURVE DATA

Δ_1 = 54° 02'20"
R = 98.06'
L = 92.48'
T = 50.00'
B.C. = 40+28.51
E.C. = 41+20.99

S.D. ℄ CURVE DATA

Δ_2 = 61°25'09"
R = 84.17'
L = 90.23'
T = 50.00'
B.C. = 42+06.65
E.C. = 42+96.88



SECTION AT STA. 42+00

D-294

BENCH MARK CP 94
2x2 HUB 761' NORTHEASTERLY OF ARLINGTON AVE. ON WEST SIDE OF EXIST. CHANNEL E.732.155

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 24, 1974

REGISTERED CIVIL ENGINEER NO. 11543

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

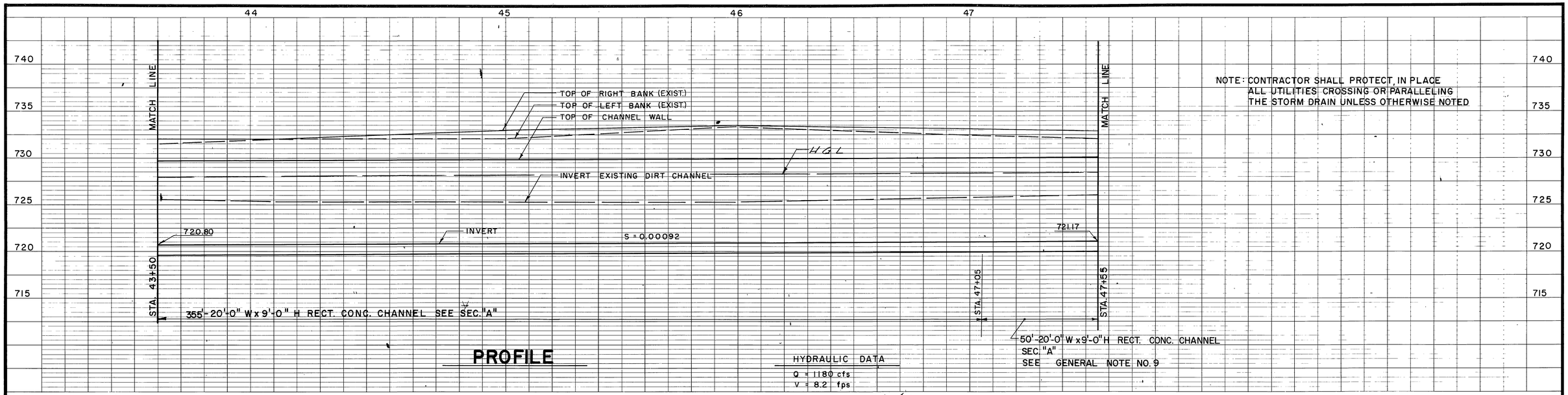
DESIGNED BY: T.V.P.
DRAWN BY: J.A.C.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

APPROVED BY:
CHIEF ENGINEER R.E. NO 8822
DATE 3-4-75

ANZA CHANNEL
STAGE I
STA. 40+47 TO STA. 43+50
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

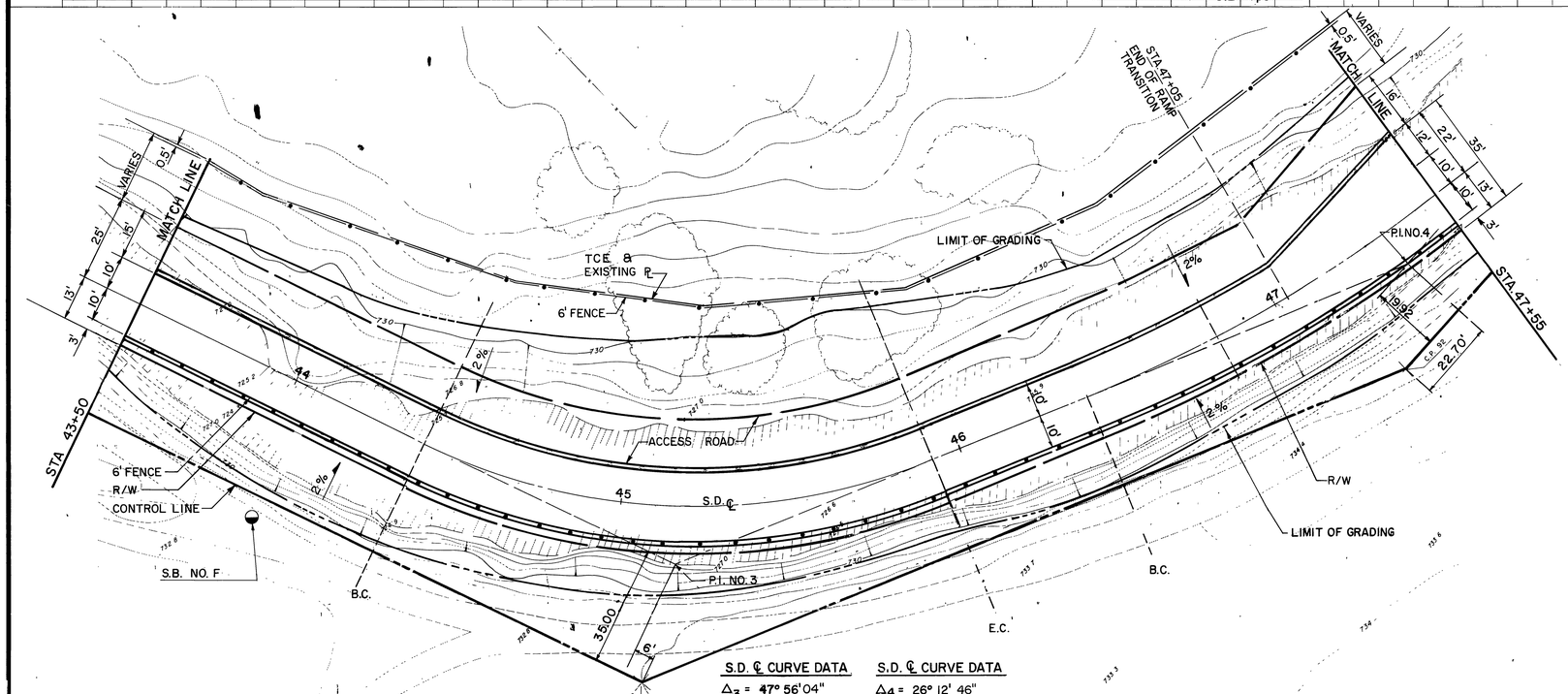
PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 10 OF 78

AS BUILT



PROFILE

HYDRAULIC DATA
Q = 1180 cfs
V = 8.2 fps

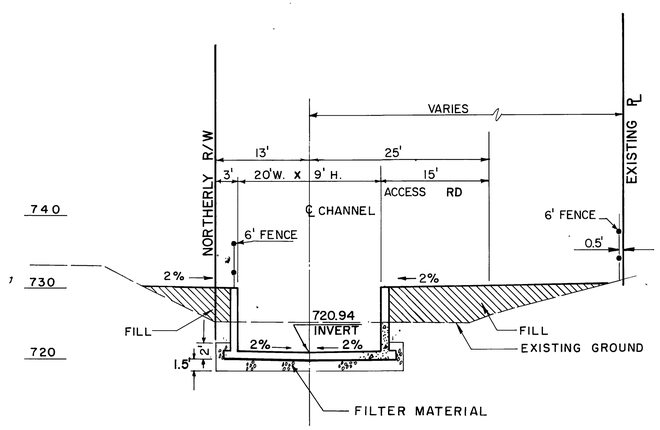


PLAN

1" = 20'

S.D. ℄ CURVE DATA
Δ_3 = 47° 56' 04"
R = 179.94'
L = 150.56'
T = 80.00'
B.C. = 44+41.31
E.C. = 45+91.87

S.D. ℄ CURVE DATA
Δ_4 = 26° 12' 46"
R = 429.60'
L = 196.50'
T = 100.00'
B.C. = 46+39.17
E.C. = 48+35.67



SECTION AT STA. 45+00

10 0 10

D-294

BENCH MARK C.P. 93
2"2 HUB 525' ± NORTHERLY OF ARLINGTON AVE. ON WEST SIDE OF EXIST CHANNEL.
ELEV. 733.095

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 24, 1974

REGISTERED CIVIL ENGINEER NO. 11643

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: T.V.P.
DRAWN BY: J.A.C.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C. - G.L.H.

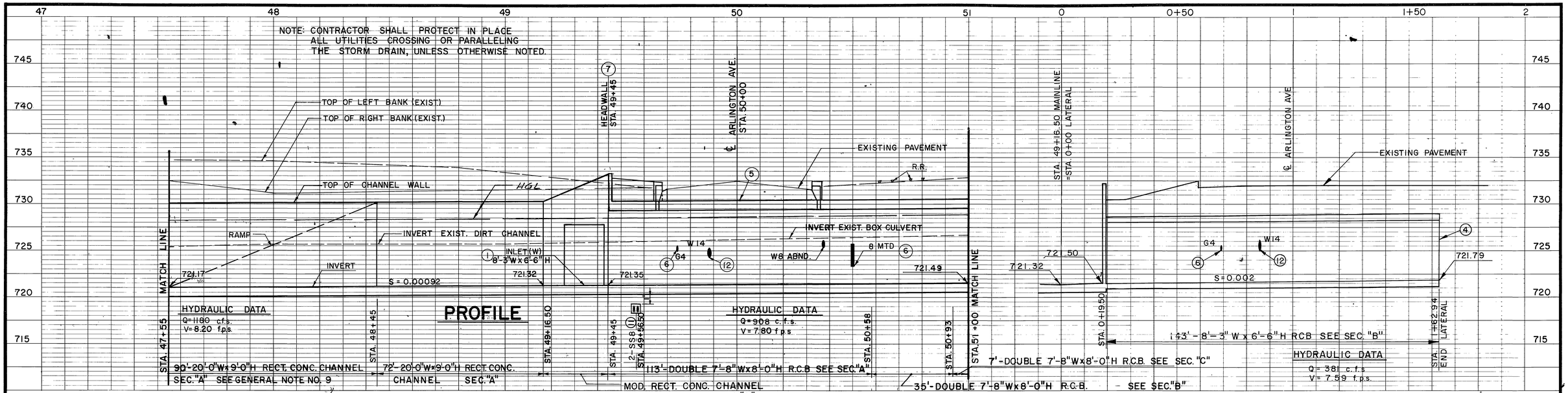
APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE 3-4-75

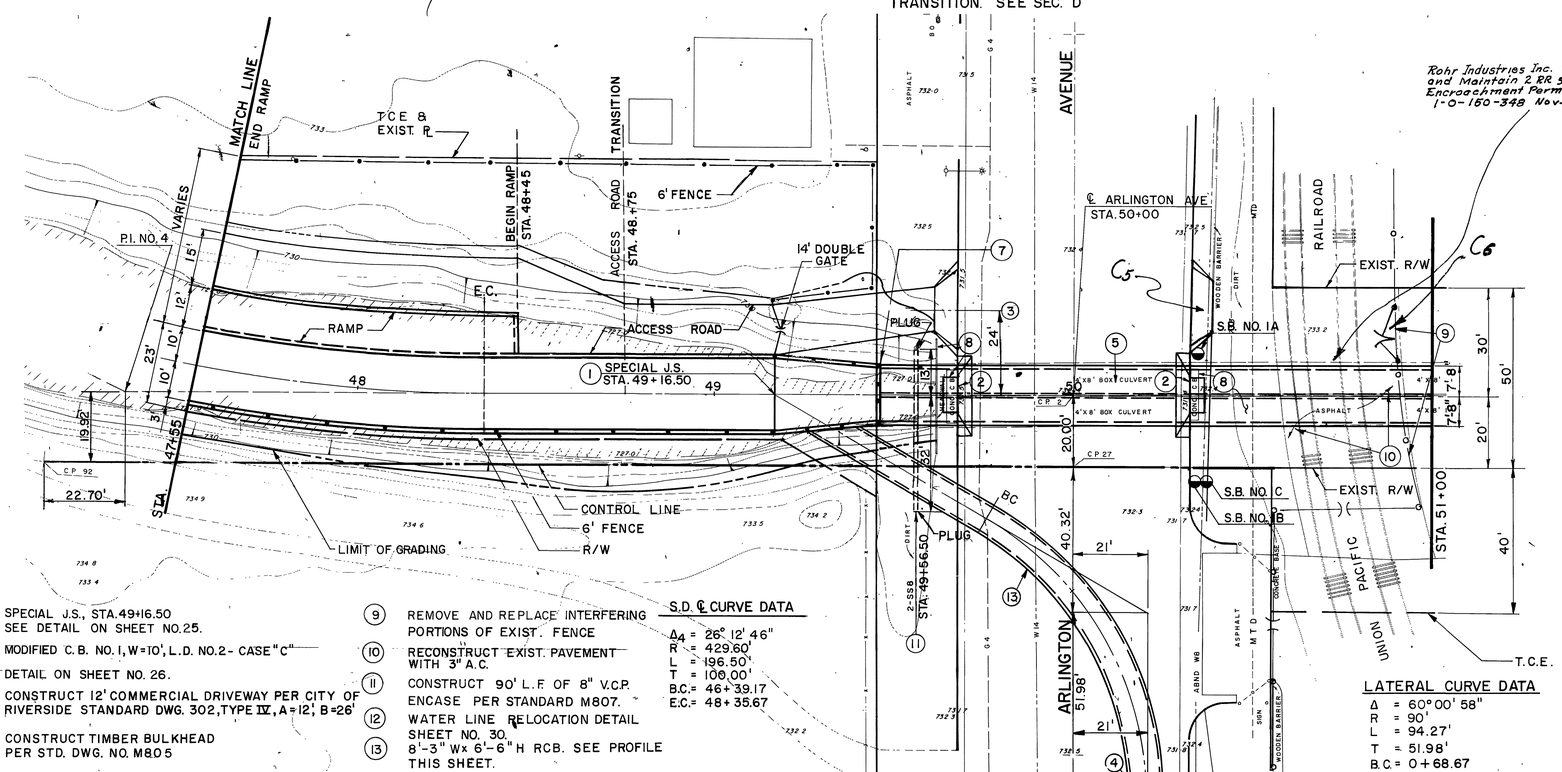
SANTA ANA CHANNEL
STAGE I
STA. 43+50 TO STA. 47+55
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

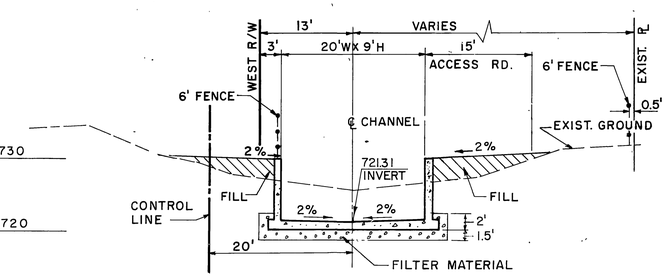
PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO. 11 OF 78

AS BUILT

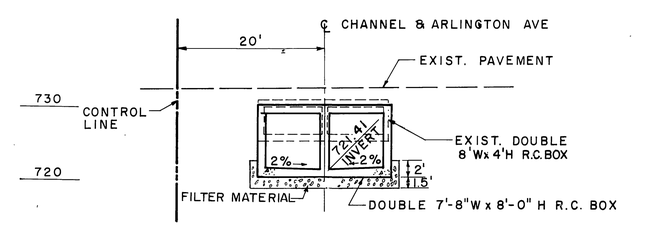
NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.







SECTION AT STA. 49+00



SECTION AT STA. 50+00

1. SPECIAL J.S., STA. 49+16.50 SEE DETAIL ON SHEET NO. 25.
2. MODIFIED C.B. NO. 1, W=10', L.D. NO. 2 - CASE "C" DETAIL ON SHEET NO. 26.
3. CONSTRUCT 12' COMMERCIAL DRIVEWAY PER CITY OF RIVERSIDE STANDARD DWG. 302, TYPE IV, A=12', B=26'
4. CONSTRUCT TIMBER BULKHEAD PER STD. DWG. NO. M805
5. STREET RESURFACING: 3" A.C. ON CLASS 3 BASE, FULL DEPTH TO TOP OF R.C.B.
6. TO BE RELOCATED BY OTHERS. SEE SPECIAL PROVISIONS.
7. HEADWALL, H=3', SEE DETAIL ON SHEET NO. 26.
8. REMOVE EXIST. HEADWALL, BOX CULVERT, & CATCH BASINS
9. REMOVE AND REPLACE INTERFERING PORTIONS OF EXIST. FENCE
10. RECONSTRUCT EXIST. PAVEMENT WITH 3" A.C.
11. CONSTRUCT 90' L.F. OF 8" V.C.P. ENCASE PER STANDARD M807.
12. WATER LINE RELOCATION DETAIL SHEET NO. 30.
13. 8'-3" Wx 6'-6" H RCB. SEE PROFILE THIS SHEET.

PLAN
1" = 20'

BENCH MARK C.P 27
NAIL AND TIN ON CENTERLINE OF ARLINGTON AVE. 20' WEST OF CENTERLINE OF CHANNEL.
ELEV. 732.337

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 24, 1974

REGISTERED CIVIL ENGINEER NO. 11643

REF.	DESCRIPTION	APPR	DATE
C6	14' Gate Dbl. As per C.C.O. #5		11/10/76
C5	Drive way added		11/10/76

REVISIONS

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: T. V. P.
DRAWN BY: J.A.C.
DATE DRAWN: OCT. 1973
CHECKED BY: H.D.C. - G.L.H.

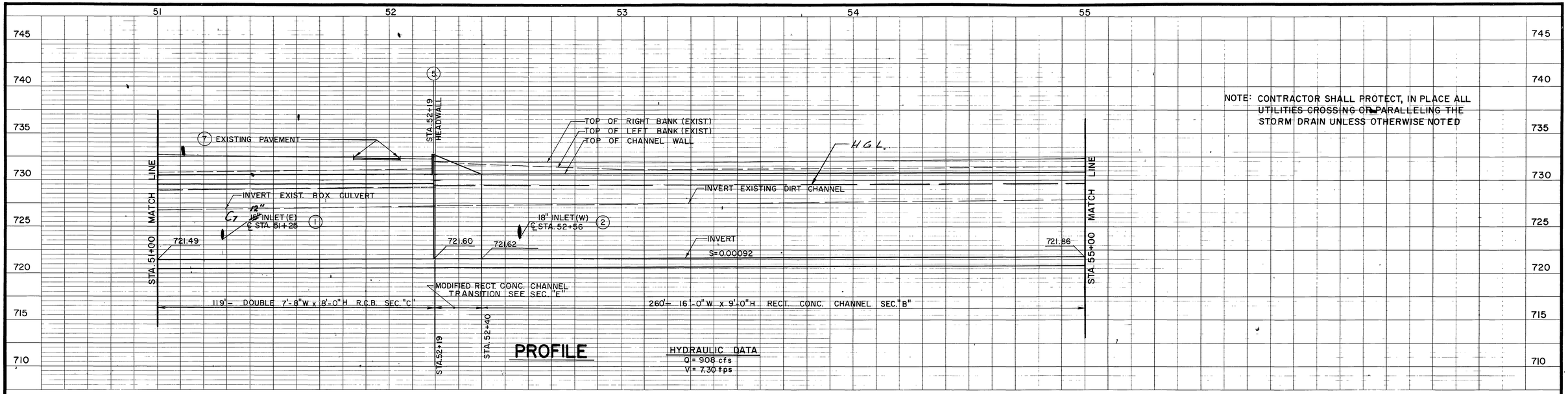
APPROVED BY: Arthur W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE 3-4-75

ANZA CHANNEL
STAGE I
STA. 47+55 TO STA. 51+00
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

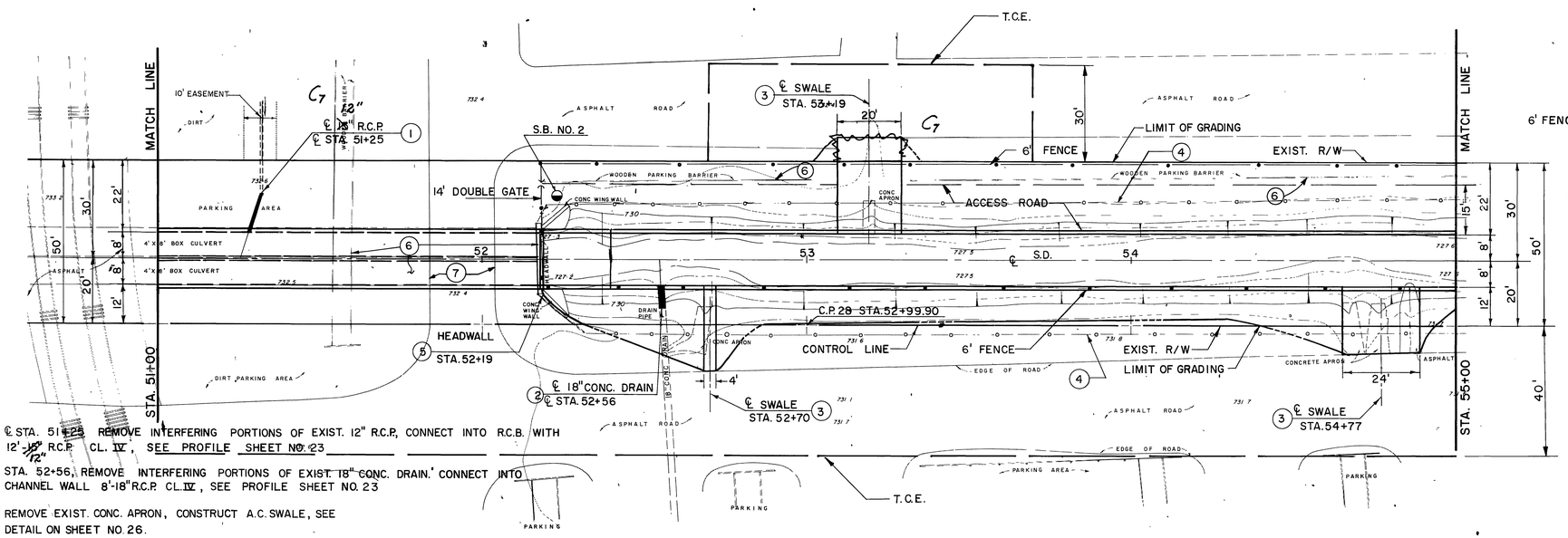
PROJECT NO 1-0-150
DRAWING NO. J-302
SHEET NO 12 OF 78

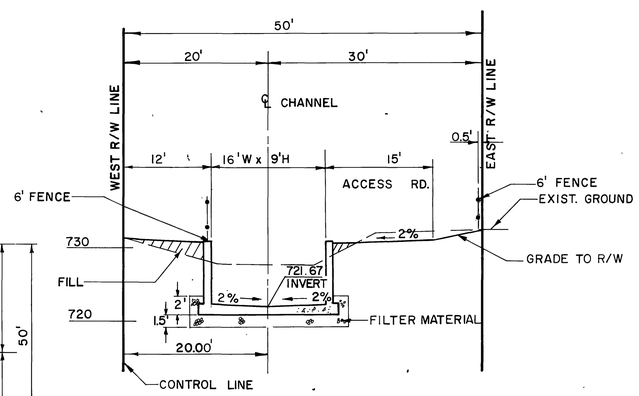
D-294

AS BUILT



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





SECTION AT STA. 53+00

10' 0 10'

1. ℄ STA. 51+25, REMOVE INTERFERING PORTIONS OF EXIST. 12" R.C.P, CONNECT INTO R.C.B. WITH 12'-~~15"~~ 12" R.C.P. CL. IV, SEE PROFILE SHEET NO. 23
2. STA. 52+56, REMOVE INTERFERING PORTIONS OF EXIST. 18" CONC. DRAIN. CONNECT INTO CHANNEL WALL 8'-18" R.C.P. CL. IV, SEE PROFILE SHEET NO. 23
3. REMOVE EXIST. CONC. APRON, CONSTRUCT A.C. SWALE, SEE DETAIL ON SHEET NO. 26.
4. REMOVE EXISTING FENCE.
5. HEADWALL, H=2', SEE DETAIL ON SHEET NO. 26.
6. REMOVE EXIST. BOX CULVERT, HEADWALL, AND INTERFERING PORTIONS OF WOOD BARRIER.
7. CONSTRUCT 3" A.C. AND 6" AGGREGATE BASE ON COMPACTED FILL. JOIN THE EXISTING PAVEMENT GRADE AT EACH SIDE OF EXCAVATION

PLAN

1" = 20'

20' 0 20'

BENCH MARK C.P. 28
NAIL AND TIN 300'± SOUTHERLY OF ARLINGTON AVE. ON WEST R/W OF CHANNEL.
ELEV. 731.067

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 2, 1974

REGISTERED CIVIL ENGINEER NO. 11643

REVISIONS			
C7 REF.	Changes as shown DESCRIPTION	AM APPR.	6-74 DATE

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

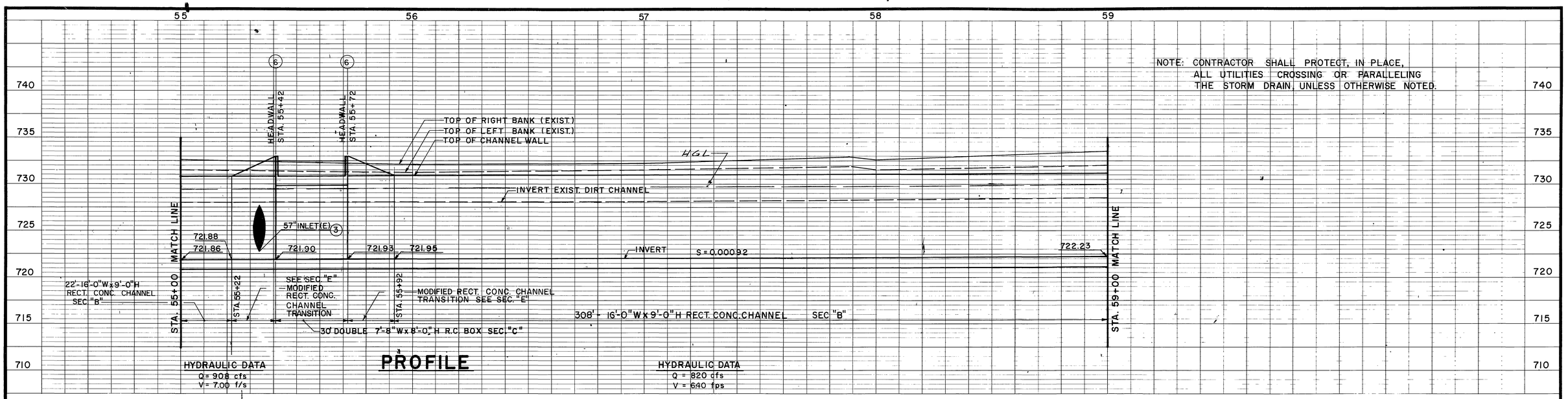
DESIGNED BY: T.V.P.
DRAWN BY: E.C.H.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

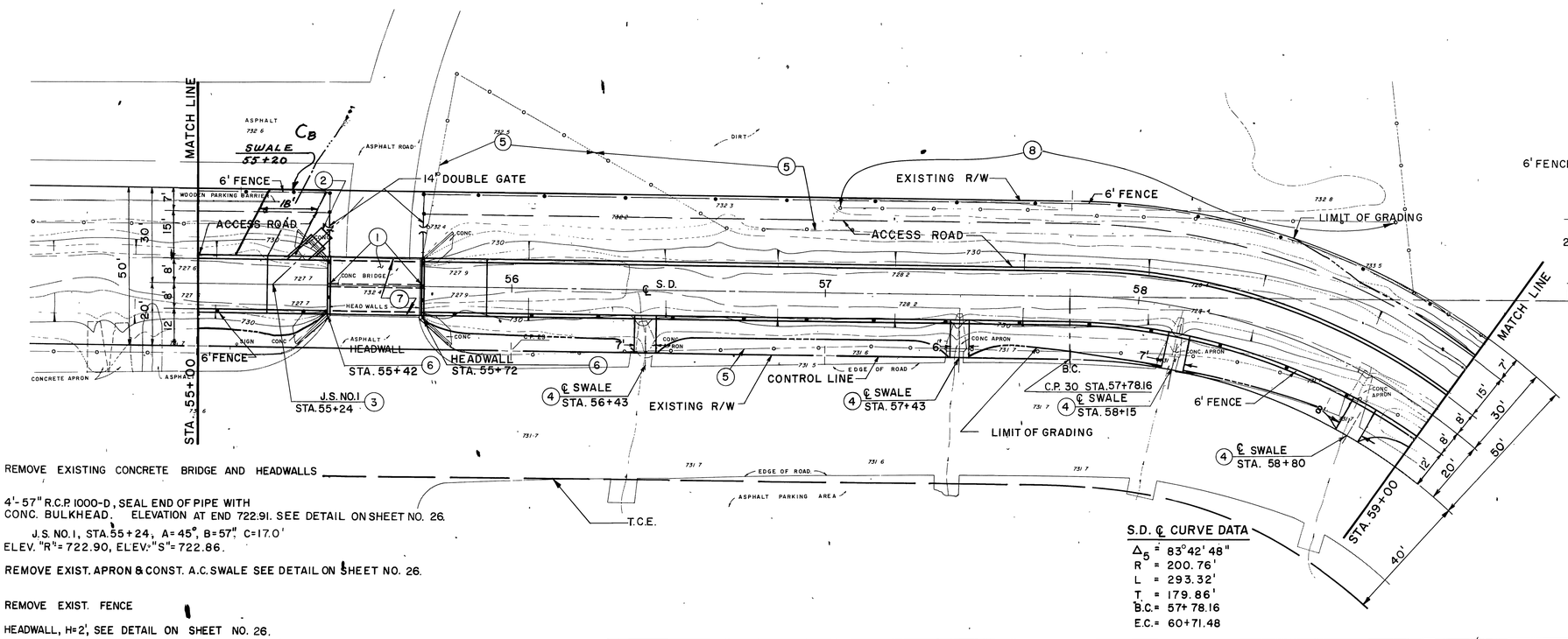
APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE 3-4-75

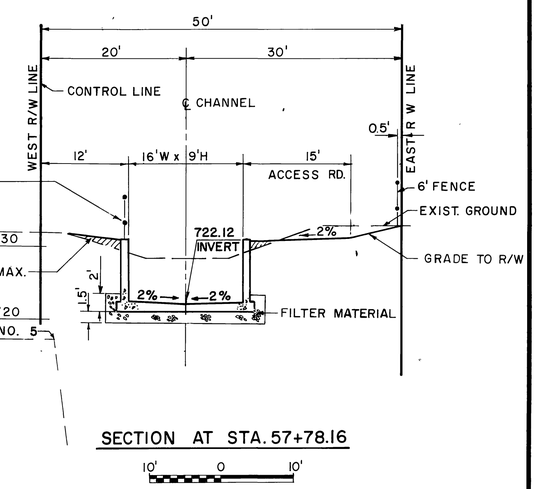
ANZA CHANNEL
STAGE I
STA. 51+00 TO STA. 55+00
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO 13 OF 78

D-294







SECTION AT STA. 57+78.16

10' 0 10'

1. REMOVE EXISTING CONCRETE BRIDGE AND HEADWALLS
2. 4'-57" R.C.P. 1000-D, SEAL END OF PIPE WITH CONC. BULKHEAD. ELEVATION AT END 722.91. SEE DETAIL ON SHEET NO. 26.
3. J.S. NO. 1, STA. 55+24, A=45", B=57", C=17.0' ELEV. "R"= 722.90, ELEV. "S"= 722.86.
4. REMOVE EXIST. APRON & CONST. A.C. SWALE SEE DETAIL ON SHEET NO. 26.
5. REMOVE EXIST. FENCE
6. HEADWALL, H=2', SEE DETAIL ON SHEET NO. 26.
7. CONSTRUCT 3" A.C. AND 6" AGGREGATE BASE ON COMPACTED FILL. JOIN EXISTING PAVEMENT GRADE AT EACH SIDE OF EXCAVATION
8. SALVAGE EXIST. FENCE. SEE SPECIAL PROVISIONS.

PLAN

1" = 20'

20' 0 20'

D-294

BENCH MARK C.P. 30
1X2 HUB ON WEST R/W OF CHANNEL AT B.C.
ELEV. 731.72

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 24, 1974

REGISTERED CIVIL ENGINEER NO. 11543

REVISIONS			
C8	18' Swale Added as shown	6-76	
REF.	DESCRIPTION	APPR.	DATE

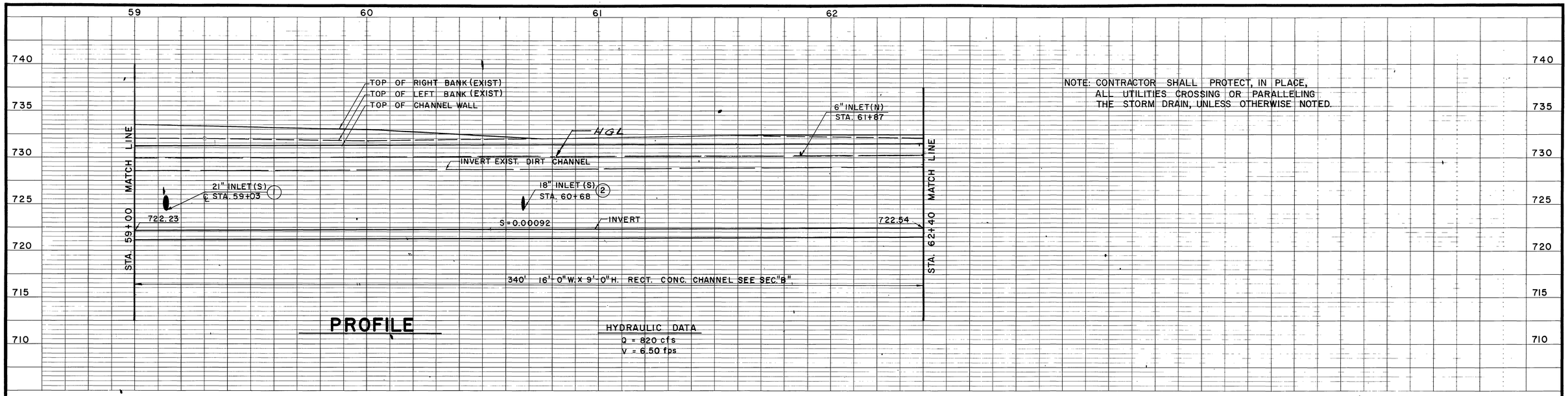
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: T.V.P.
DRAWN BY: J.A.C.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.h.

APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE 3-4-75

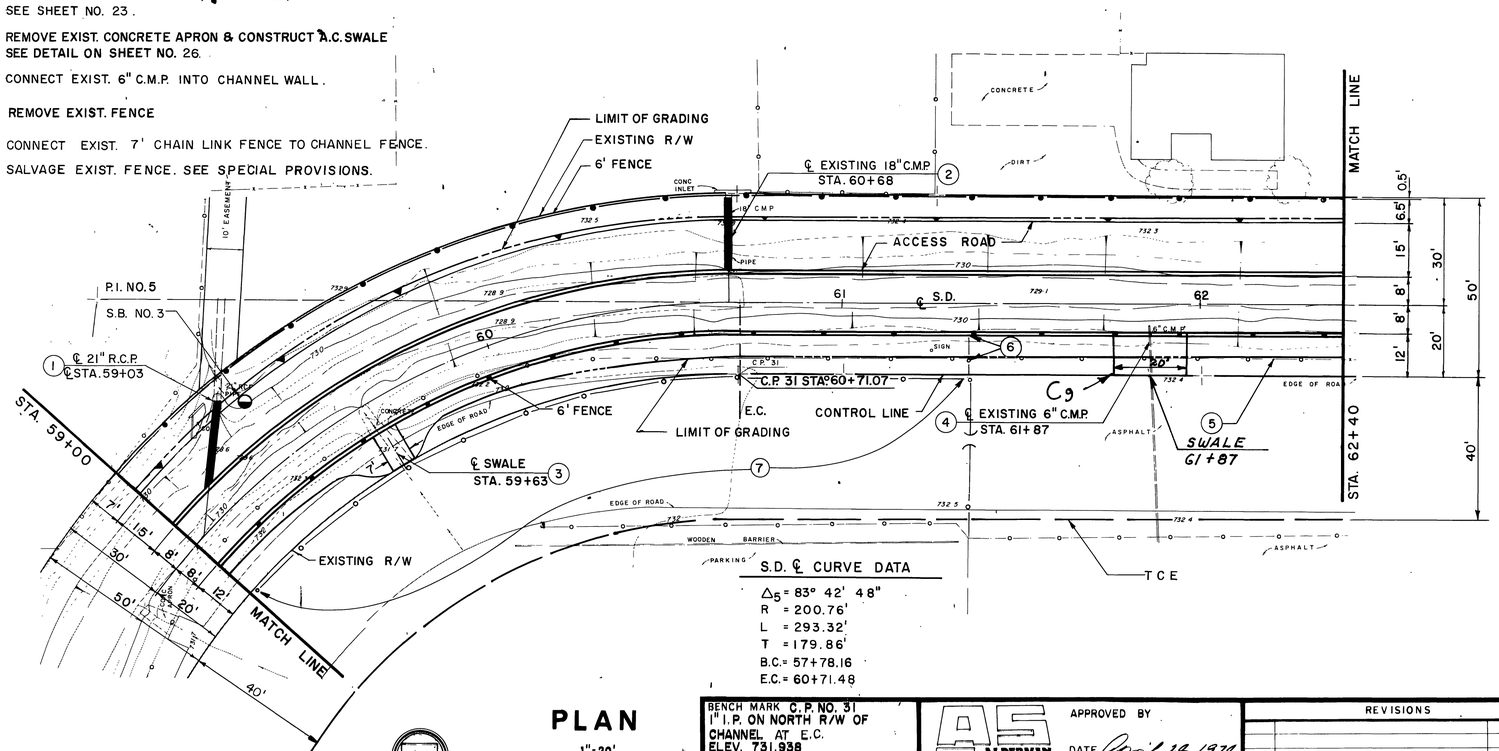
ANZA CHANNEL
STAGE I
STA. 55+00 TO STA. 59+00
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO 14 OF 78



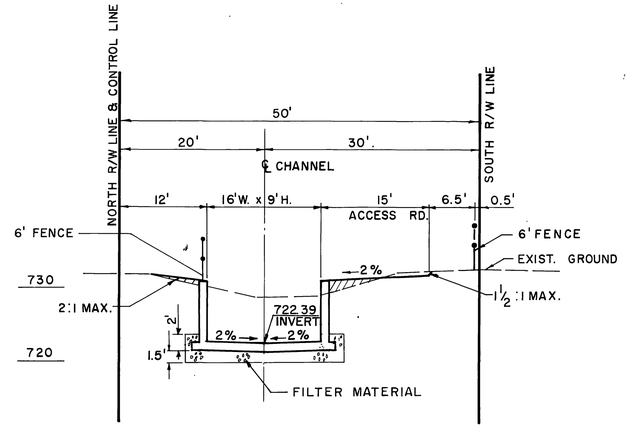
NOTE: CONTRACTOR SHALL PROTECT, IN PLACE, ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.

1. CONNECT 21" R.C.P. INTO CHANNEL WALL. 24'-21" R.C.P. CL. IV FOR PROFILE SEE SHEET NO. 23.
2. REMOVE INTERFERING PORTIONS OF EXIST. 18" C.M.P. AND REPLACE AT NEW GRADE INTO CHANNEL WALL. 20'-18" R.C.P. CL. IV, FOR PROFILE SEE SHEET NO. 23.
3. REMOVE EXIST. CONCRETE APRON & CONSTRUCT A.C. SWALE SEE DETAIL ON SHEET NO. 26.
4. CONNECT EXIST. 6" C.M.P. INTO CHANNEL WALL.
5. REMOVE EXIST. FENCE
6. CONNECT EXIST. 7' CHAIN LINK FENCE TO CHANNEL FENCE.
7. SALVAGE EXIST. FENCE. SEE SPECIAL PROVISIONS.



PLAN

1" = 20'



SECTION AT STA. 60+71.07

10' 0 10'

D-294

BENCH MARK C.P. NO. 31
1" I.P. ON NORTH R/W OF CHANNEL AT E.C.
ELEV. 731.938

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 28, 1974

REGISTERED CIVIL ENGINEER NO. 11643

REVISIONS			
C9	20' Swale Added	WM	6-74
REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

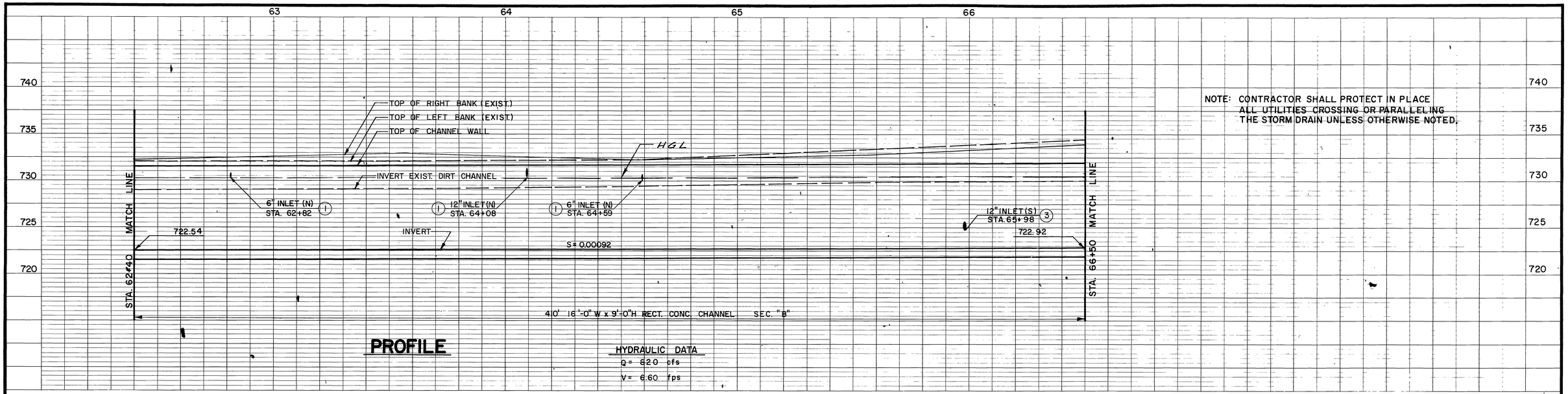
DESIGNED BY: K.E.K.
DRAWN BY: R.D.F.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

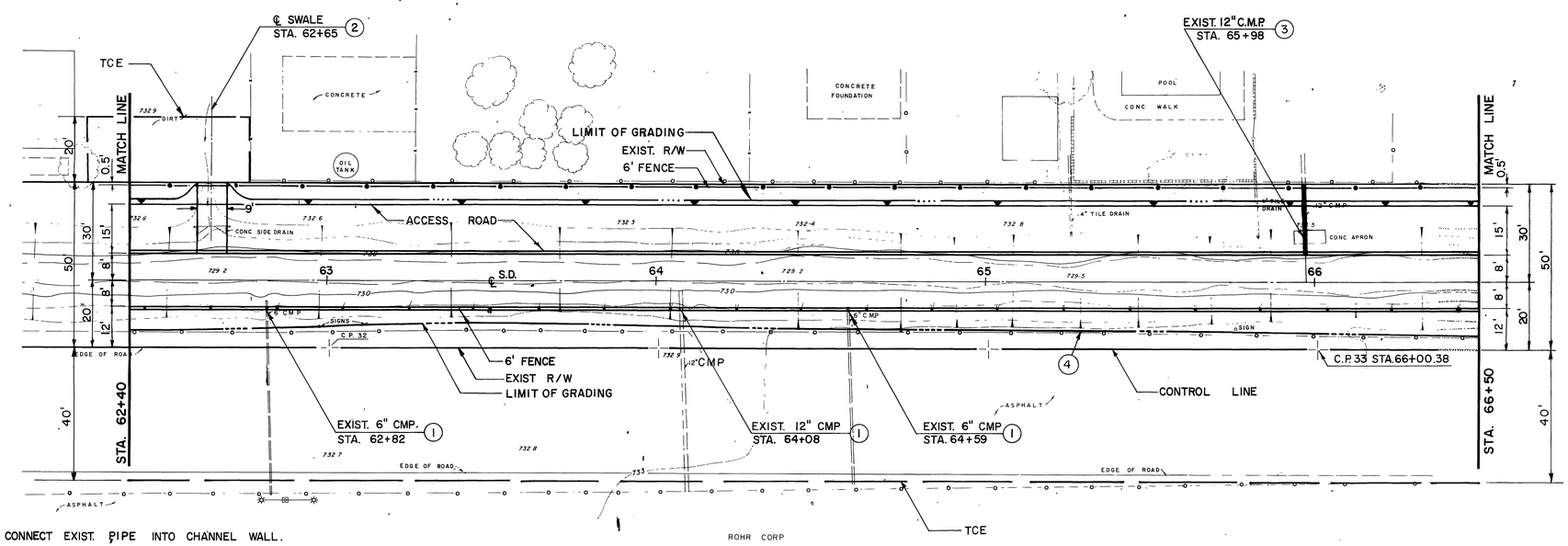
APPROVED BY: John K. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE 3-4-75

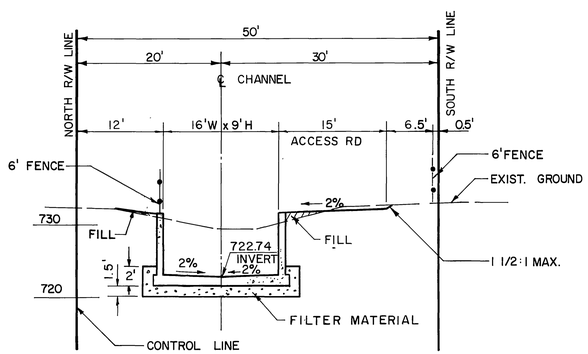
ANZA CHANNEL
STAGE I.
STA. 59+00 TO STA. 62+40
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO 15 OF 78

AS BUILT







SECTION AT STA. 64+52

10' 0 10'

(1) CONNECT EXIST. PIPE INTO CHANNEL WALL.

(2) REMOVE EXIST. APRON & WALL AND CONSTRUCT A.C. SWALE SEE DETAIL ON SHEET NO. 26

(3) REMOVE INTERFERING PORTIONS OF EXIST. 12" C.M.P. AND CONNECT 20'-12" R.C.P. CL. IV INTO CHANNEL WALL FOR PROFILE SEE SHEET NO. 23

(4) REMOVE EXISTING FENCE

PLAN

1" = 20'

20' 0 20'

D-294

BENCH MARK C.P. 32
NAIL AND TIN ON NORTHERLY R/W 230' ± WEST OF E.C.
ELEV. 732.69

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 26, 1974

REGISTERED CIVIL ENGINEER NO. 11843

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

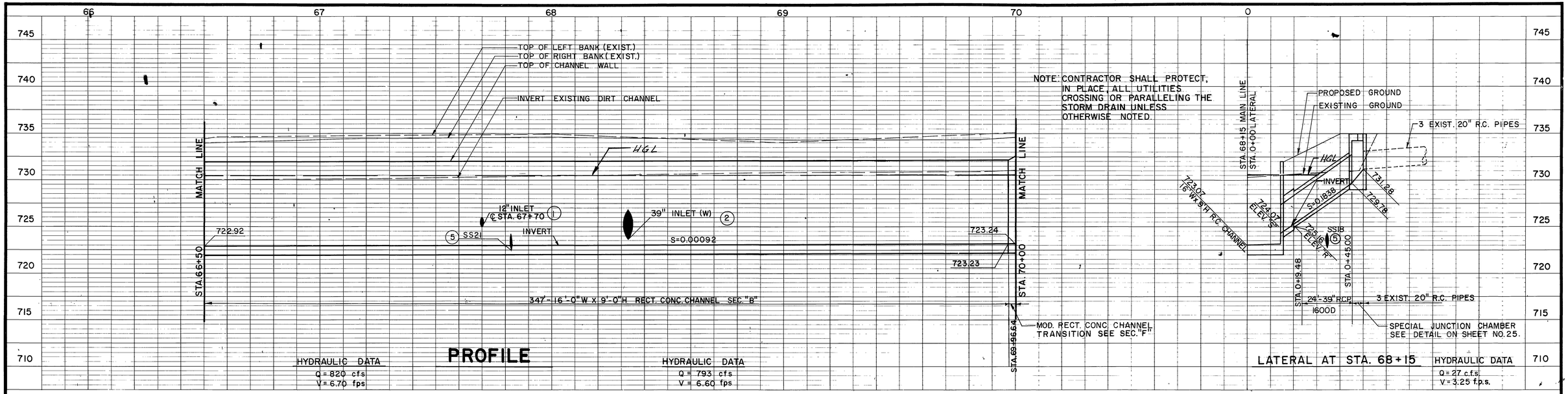
DESIGNED BY: K.E.K.
DRAWN BY: E.C.H.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

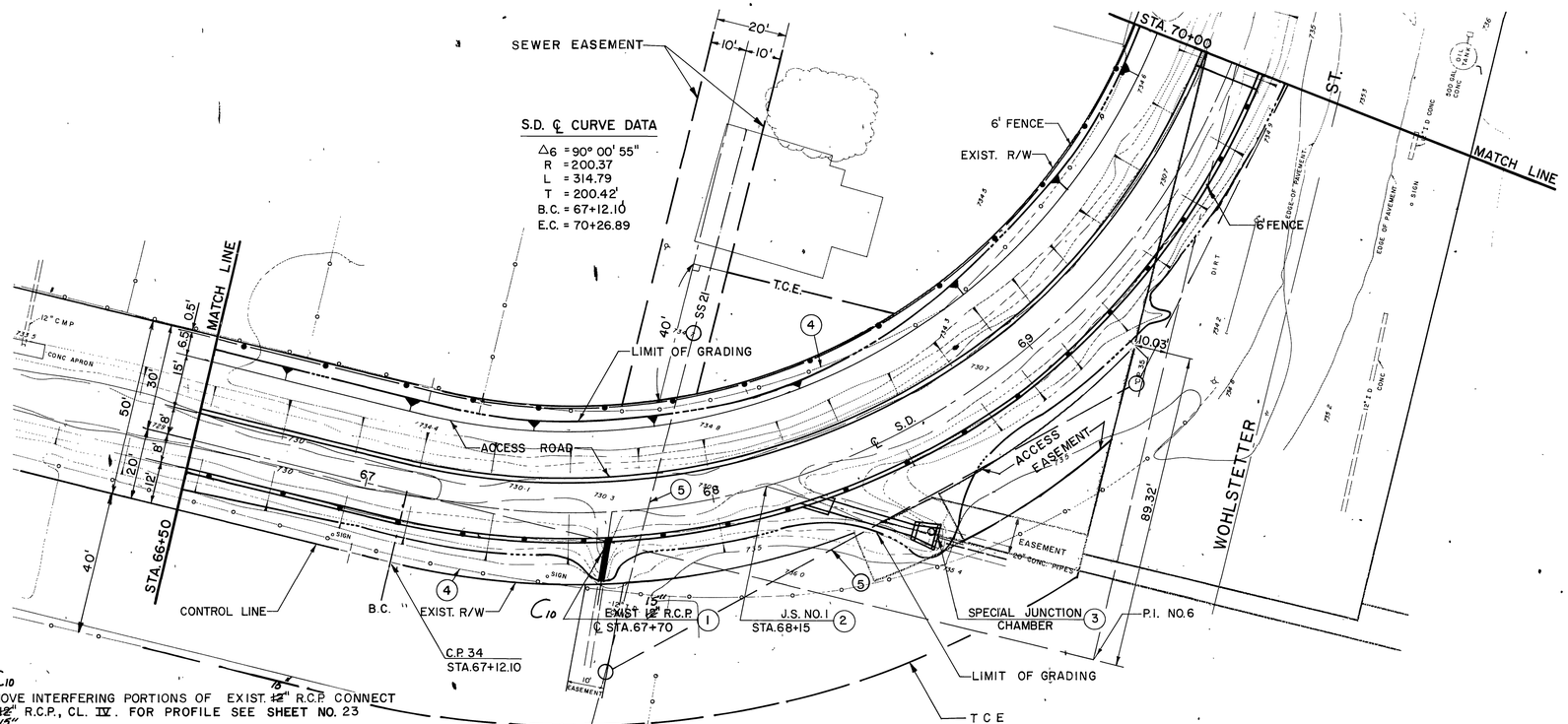
APPROVED BY:
CHIEF ENGINEER R/E NO 8822
DATE 3-24-75

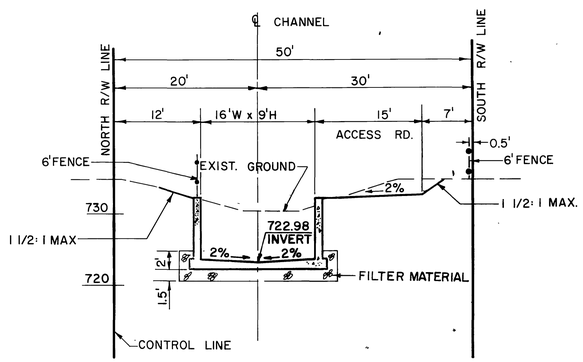
ANZA CHANNEL
STAGE I
STA. 62+40 TO STA. 66+50
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO 16 OF 78

AS BUILT







SECTION AT STA. 67+12.10

10' 0 10'

C10

1. REMOVE INTERFERING PORTIONS OF EXIST. ~~12~~ 18" R.C.P. CONNECT ~~12'-12"~~ 16'-15" R.C.P., CL. IV. FOR PROFILE SEE SHEET NO. 23
2. J.S. NO. 1, STA. 68+15, A=33°, B=39", C=19.9', ELEV. "S"=724.07, ELEV. "R"=725.16, SEE PROFILE THIS SHEET.
3. SPECIAL JUNCTION CHAMBER 24'-39" R.C.P., 1600 D SEE PROFILE THIS SHEET, SEE DETAIL ON SHEET NO. 25.
4. REMOVE EXISTING FENCE.
5. SEWER RELOCATION DETAIL SHEET NO. 29.

PLAN

1"=20'

20' 0 20'

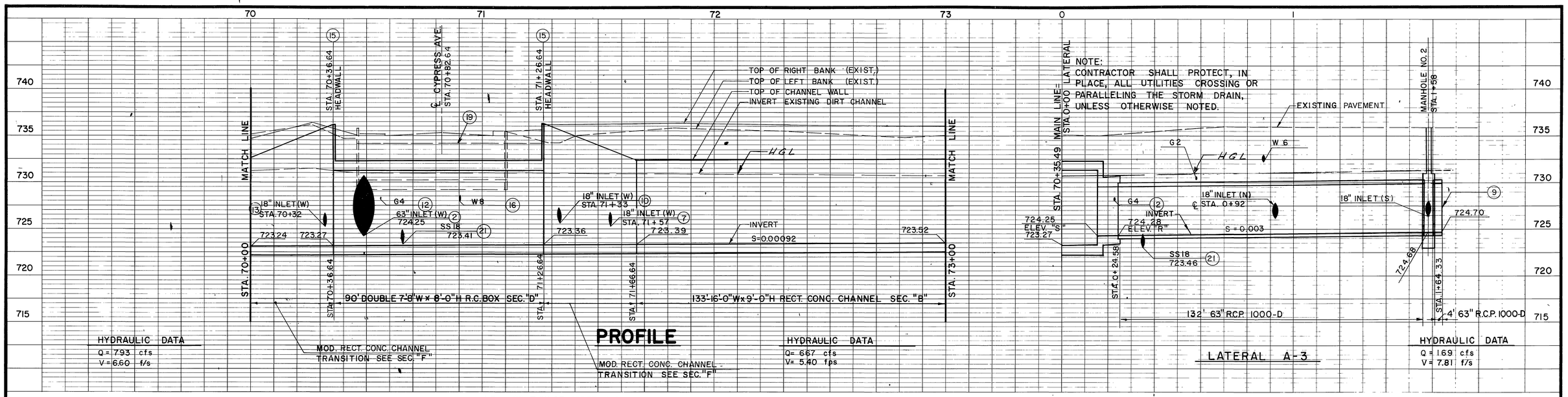
D-294

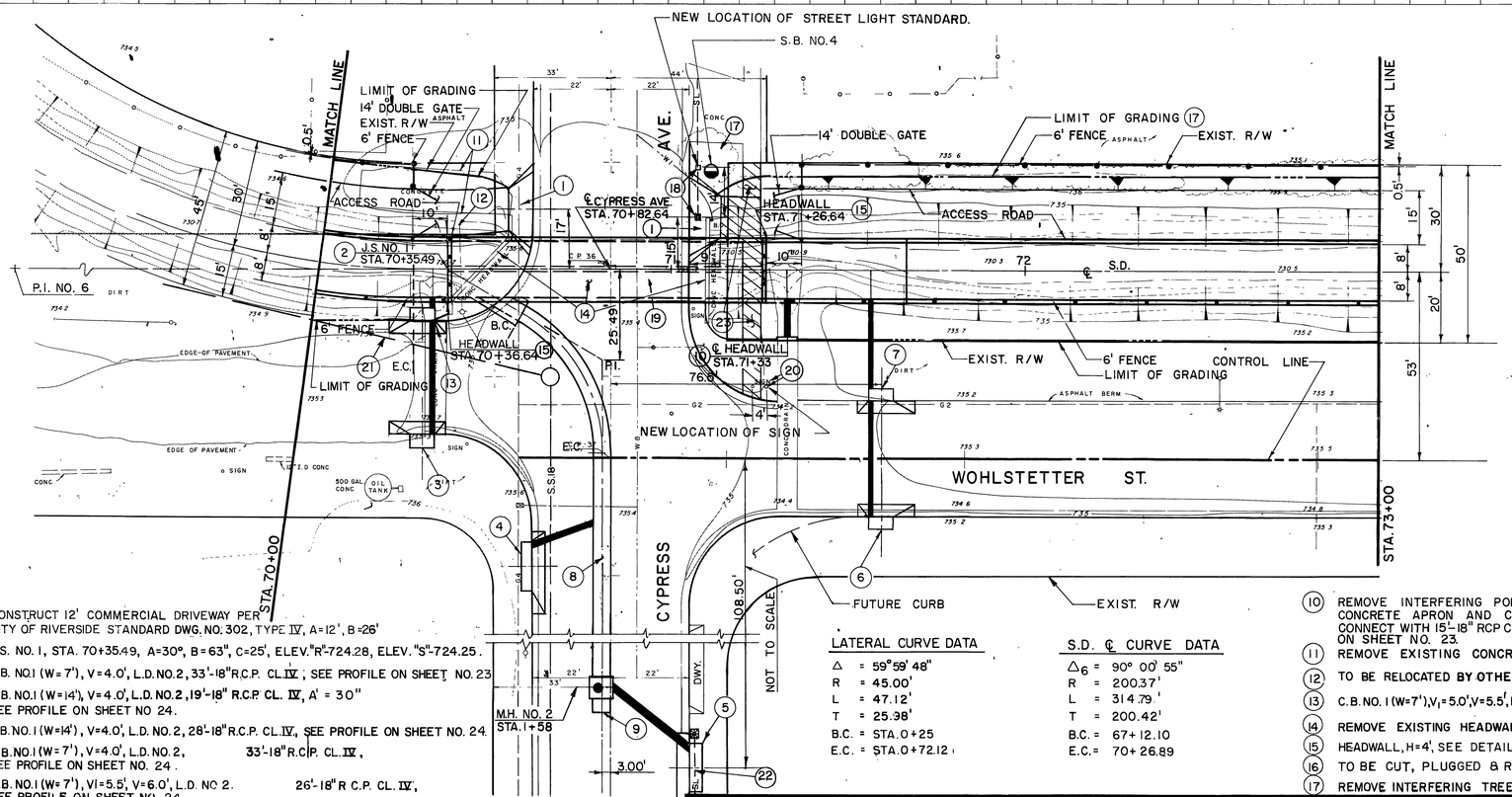
BENCH MARK C.P. NO. 34 1" I.P. ON NORTHERLY R/W OF CHANNEL AT B.C. ELEV. 734.77	APPROVED BY DATE April 24, 1974	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
SCALE:	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS REGISTERED CIVIL ENGINEER NO. 11643	C10 Change as shown — DESCRIPTION — APPR. — DATE	DESIGNED BY: T.V.P.
DATE:		REF.	DRAWN BY: E.C.H.
			DATE DRAWN: OCT. 1973
			CHECKED BY: R.D.C. - G.L.H.
			APPROVED BY: John W. Basgaard CHIEF ENGINEER R.E. NO. 8822 DATE 8-4-75

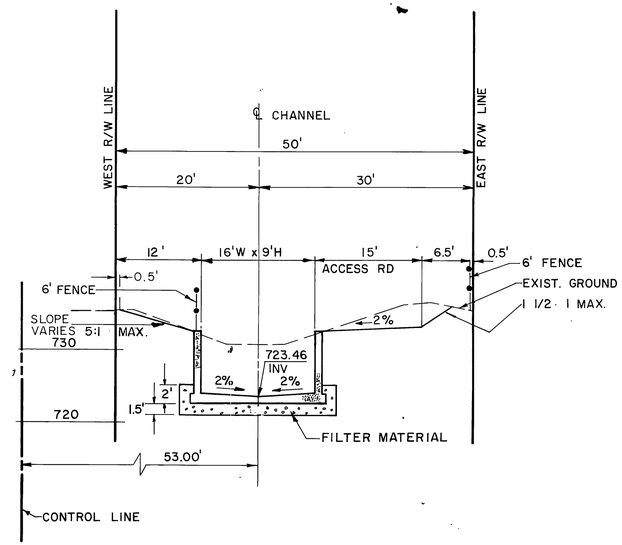
ANZA CHANNEL
STAGE I
STA. 66+50 TO STA. 70+00
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO 17 OF 78

AS BUILT







SECTION AT STA. 72+32

10' 0 10'

1. CONSTRUCT 12' COMMERCIAL DRIVEWAY PER CITY OF RIVERSIDE STANDARD DWG. NO. 302, TYPE IV, A=12', B=26'
2. J.S. NO. 1, STA. 70+35.49, A=30°, B=63", C=25', ELEV."R"-724.28, ELEV. "S"-724.25.
3. C.B. NO. 1 (W=7'), V=4.0', L.D. NO. 2, 33'-18" R.C.P. CL. IV, SEE PROFILE ON SHEET NO. 23
4. C.B. NO. 1 (W=14'), V=4.0', L.D. NO. 2, 19'-18" R.C.P. CL. IV, A' = 30" SEE PROFILE ON SHEET NO 24.
5. C.B. NO. 1 (W=14'), V=4.0', L.D. NO. 2, 28'-18" R.C.P. CL. IV, SEE PROFILE ON SHEET NO. 24.
6. C.B. NO. 1 (W=7'), V=4.0', L.D. NO. 2, 33'-18" R.C.P. CL. IV, SEE PROFILE ON SHEET NO. 24.
7. C.B. NO. 1 (W=7'), V1=5.5', V=6.0', L.D. NO 2. 26'-18" R.C.P. CL. IV, SEE PROFILE ON SHEET NO. 24.
8. ℄ 63" RCP SEE PROFILE THIS SHEET.
9. SEAL END WITH CONC. BULKHEAD. SEE DETAIL ON SHEET NO. 26.
10. REMOVE INTERFERING PORTIONS OF EXISTING CONCRETE APRON AND CONSTRUCT CONC. HEADWALL. CONNECT WITH 15'-18" RCP CL. IV. SEE DETAIL & PROFILE ON SHEET NO. 23.
11. REMOVE EXISTING CONCRETE APRON.
12. TO BE RELOCATED BY OTHERS. SEE SPECIAL PROVISIONS FOR G4 DETAILS.
13. C.B. NO. 1 (W=7'), V1=5.0', V=5.5', L.D. NO. 2, 4'-18" R.C.P. CL. IV SEE PROFILE ON SHEET NO. 23.
14. REMOVE EXISTING HEADWALL AND BOX CULVERT
15. HEADWALL, H=4', SEE DETAIL ON SHEET NO. 26.
16. TO BE CUT, PLUGGED & RELOCATED BY OTHERS. SEE SPECIAL PROVISIONS.
17. REMOVE INTERFERING TREES AND SHRUBS.
18. RELOCATE STREET LIGHT STANDARD TO LOCATION SHOWN HEREON.
19. CONSTRUCT 3" A.C. & 6" AGGREGATE BASE ON COMPACTED FILL. JOIN EXIST. PAVEMENT GRADE AT EACH SIDE OF R.C. BOX.
20. RELOCATE SIGN TO LOCATION SHOWN HEREON.
21. SS18 RELOCATION DETAIL SHEET NO. 29.
22. RELOCATE SL AROUND CB
23. CONSTRUCT NEW 5' SIDEWALK.

D-234

LATERAL CURVE DATA

Δ	= 59° 59' 48"
R	= 45.00'
L	= 47.12'
T	= 25.98'
B.C.	= STA. 0+25
E.C.	= STA. 0+72.12

S.D. ℄ CURVE DATA

Δ_6	= 90° 00' 55"
R	= 200.37'
L	= 314.79'
T	= 200.42'
B.C.	= 67+12.10
E.C.	= 70+26.89

BENCH MARK C.P. 37
BRASS DISK DOWN 0.25' AT THE INTERSECTION OF WOHLSTETTER ST. AND CYPRESS AVE.
ELEV. 735.35

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 29, 1974

REGISTERED CIVIL ENGINEER NO. 11543

REVISIONS

REF.	DESCRIPTION	APPR.	DATE
	No Change		

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

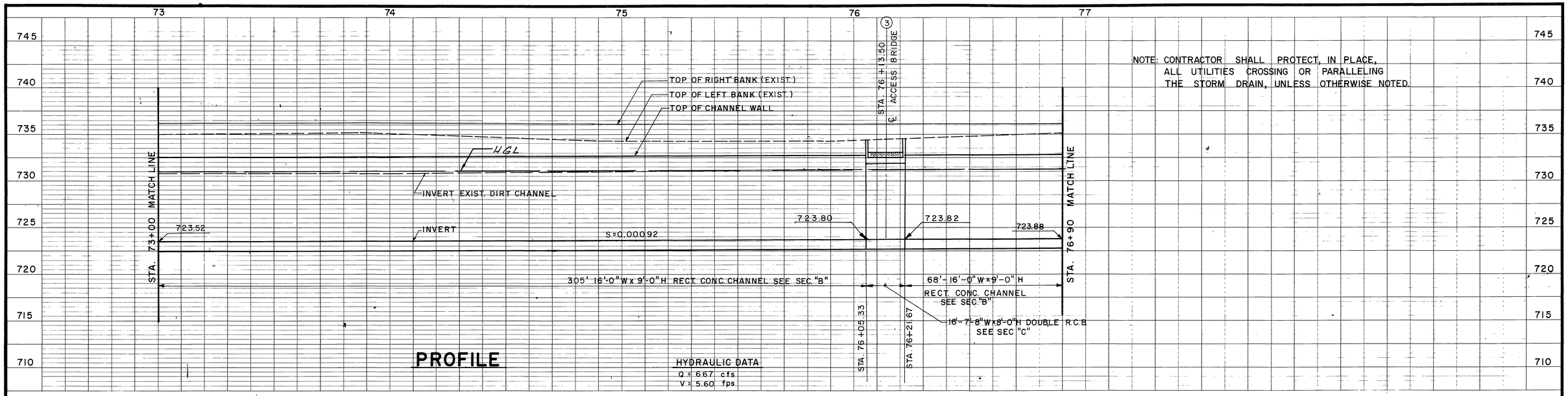
DESIGNED BY: T.V.P.
DRAWN BY: E.C.H.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C. G.L.H.

APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO 8822
DATE 3-4-75

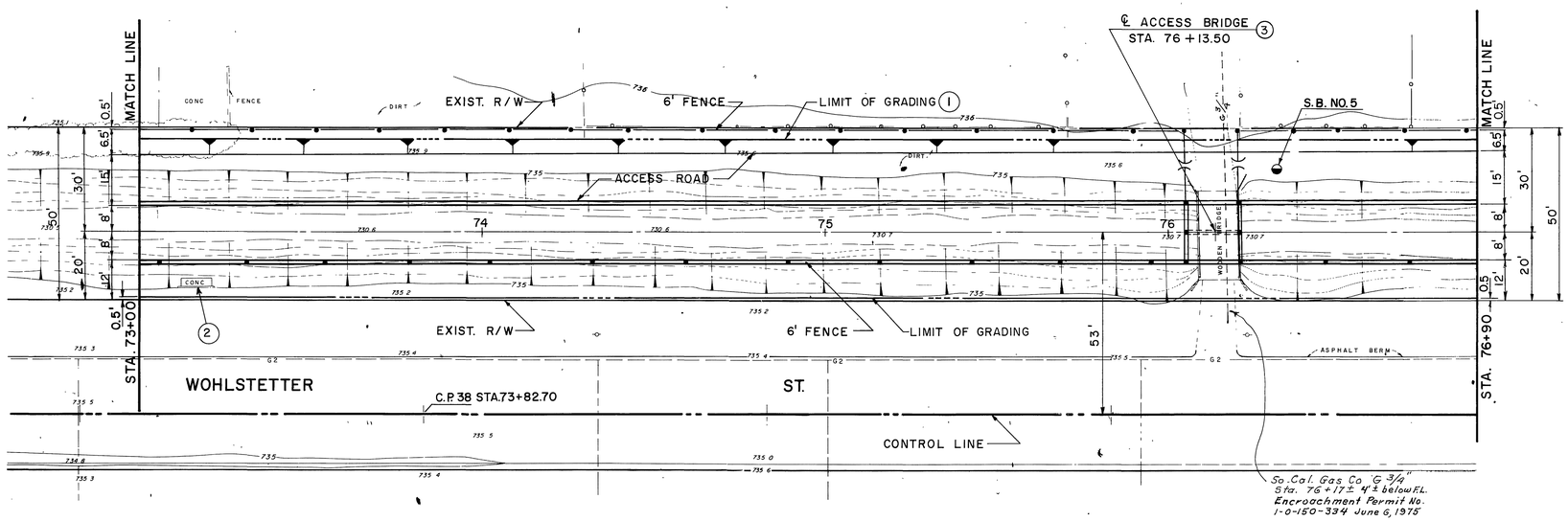
ANZA CHANNEL
STAGE I
STA. 70+00 TO STA. 73+00
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

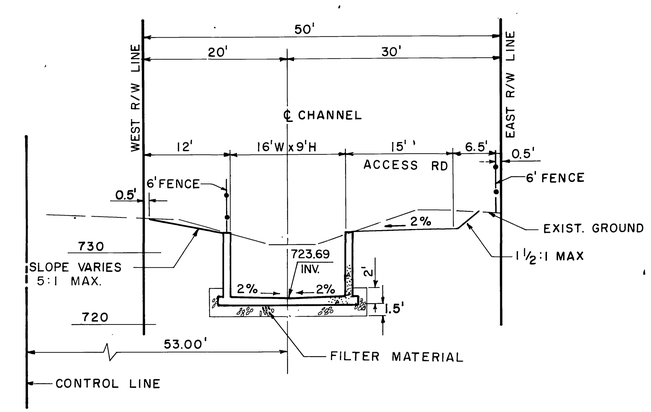
PROJECT NO 1-0-150
DRAWING NO. 1-302
SHEET NO 18 OF 78

AS BUILT



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





SECTION AT STA. 74+83

10 0 10

(1) REMOVE INTERFERING TREES & SHRUBS

(2) REMOVE EXISTING CONCRETE APRON & WALL

(3) REMOVE EXIST. WOODEN BRIDGE. SEE ACCESS BRIDGE DETAIL SHEET NO. 28.

D-294

PLAN

1" = 20'

20' 0 20'

BENCH MARK C.P. 38
NAIL & TIN ON CENTERLINE OF WOHLSTETTER 300'± SOUTH OF CYPRESS. ELEV. 735.55

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 25, 1974

REGISTERED CIVIL ENGINEER NO. 11543

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
	No Change		

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: T.V.P

DRAWN BY: J.A.C.

DATE DRAWN: OCT. 1973

CHECKED BY: R.D.C. - G.L.H.

APPROVED BY: John W. Bryant
CHIEF ENGINEER R/E NO 8822

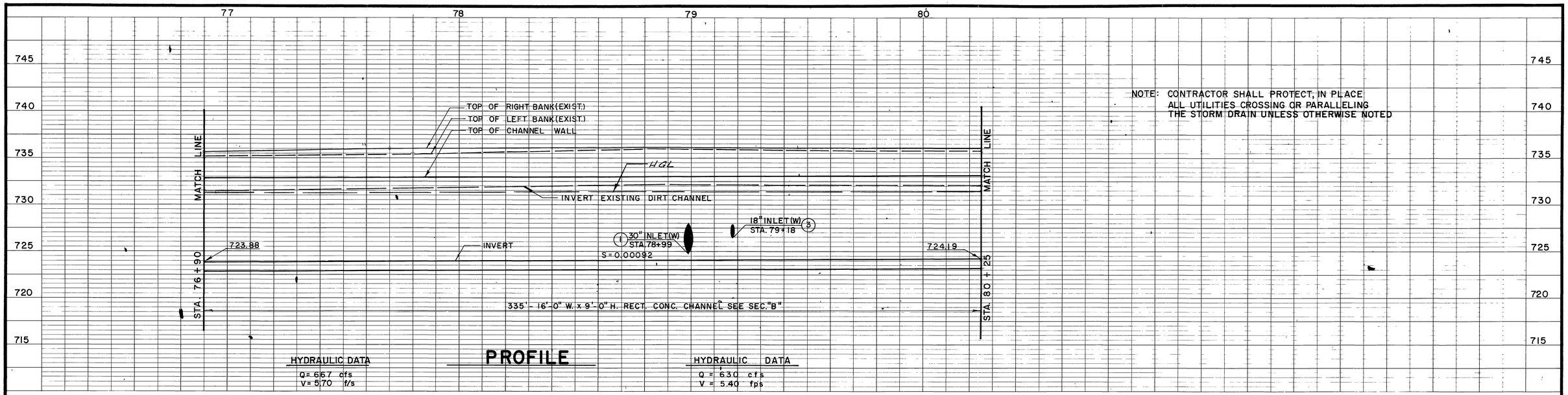
DATE 3-4-75

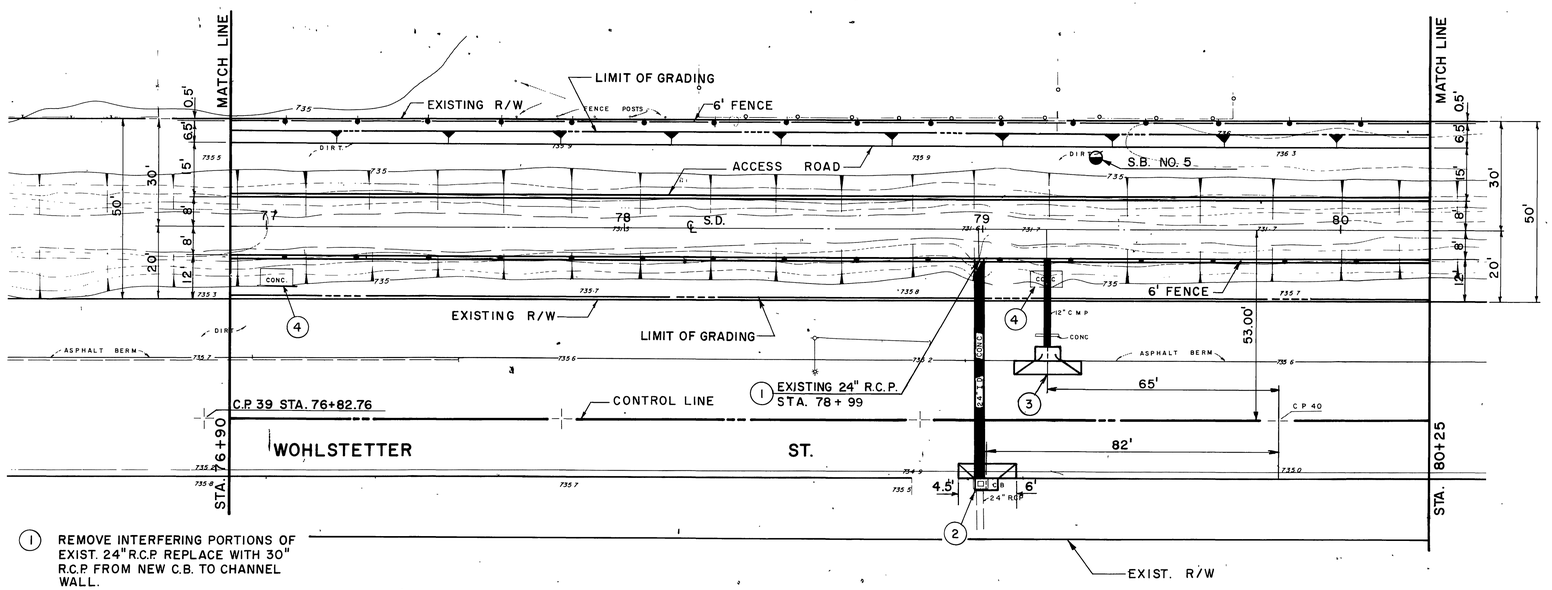
ANZA CHANNEL
STAGE I
STA. 73+00 TO STA. 76+90
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

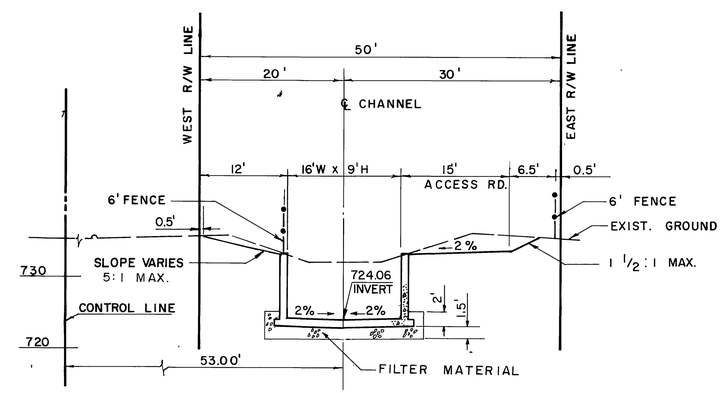
PROJECT NO. 1-0-150

DRAWING NO. 1-302

SHEET NO. 19 OF 78







SECTION AT STA. 78+83

10 0 10

(1) REMOVE INTERFERING PORTIONS OF EXIST. 24" R.C.P. REPLACE WITH 30" R.C.P. FROM NEW C.B. TO CHANNEL WALL.

(2) REMOVE EXIST. C.B., CONST. C.B. NO. 1, W=7', Vi=3.0', V=5.0', L.D. NO. 2, CASE C. 62'-30" R.C.P., 1800 D CONNECT 24" RCP TO REAR OF C.B. FOR PROFILE SEE SHEET NO. 24

(3) REMOVE EXIST. INLET AND EXIST. 12" C.M.P. CONST. C.B. NO. 1, W=7', V=4.0', L.D. NO. 2, CASE C, 26'-18" R.C.P., C.L. IV FOR PROFILE SEE SHEET NO. 24.

(4) REMOVE EXISTING CONCRETE APRON & WALL

PLAN

1" = 20'

20' 0 20'

D-294

BENCH MARK C.P. 39
NAIL AND TIN ON CENTERLINE OF WOHLSTETTER ST. 600± SOUTH OF CYPRESS, ELEV. 735.605

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 24, 1974

REGISTERED CIVIL ENGINEER NO. 19848

REVISIONS

REF.	DESCRIPTION	APPR.	DATE
	No Change		

AS BUILT

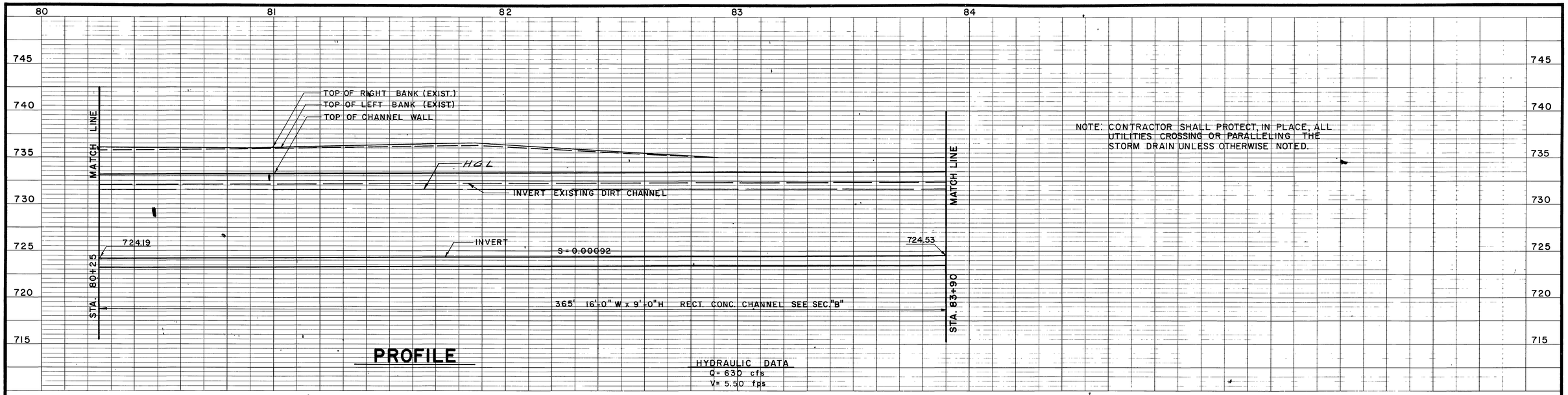
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

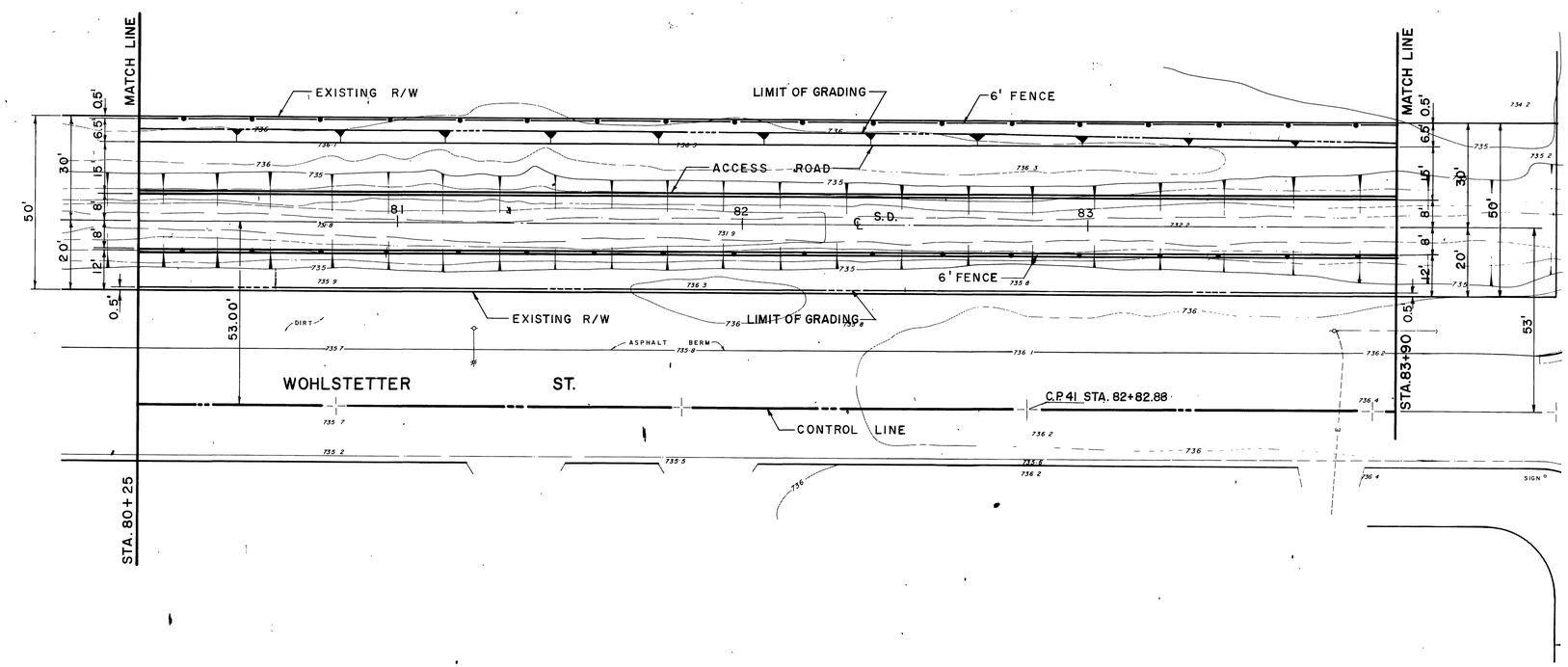
DESIGNED BY: T.V.P.
DRAWN BY: R.D.F.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

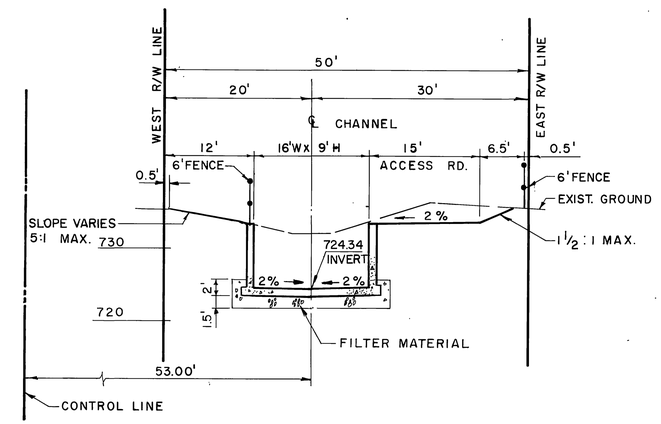
APPROVED BY:
CHIEF ENGINEER R.E. NO. 8822
DATE 3-4-75

ANZA CHANNEL
STAGE I
STA. 76+90 TO STA. 80+25
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 20 OF 78







SECTION AT STA. 81+83

10' 0' 10'

PLAN

1" = 20'

20' 0 20'

BENCH MARK C.P. 41 NAIL AND TIN ON CENTERLINE OF WOHLSTETTER ST. 193'± NORTH OF PHILBIN AVE. EL. 736.19	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS	APPROVED BY DATE April 25, 1974 REGISTERED CIVIL ENGINEER NO. 11643	REVISIONS No Change REF. DESCRIPTION APPR. DATE
SCALE: DATE:			

AS BUILT

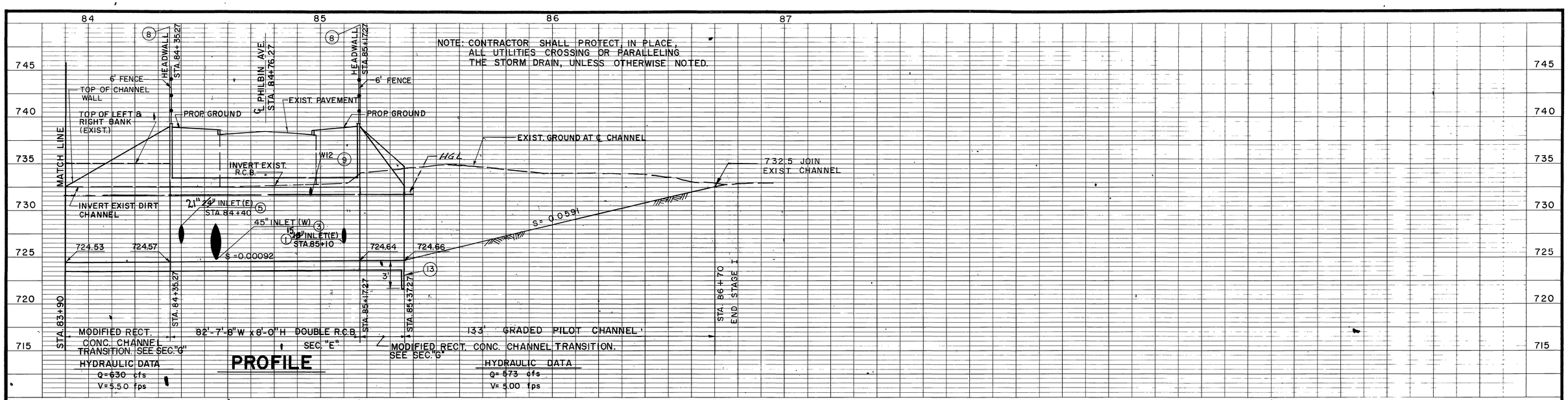
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

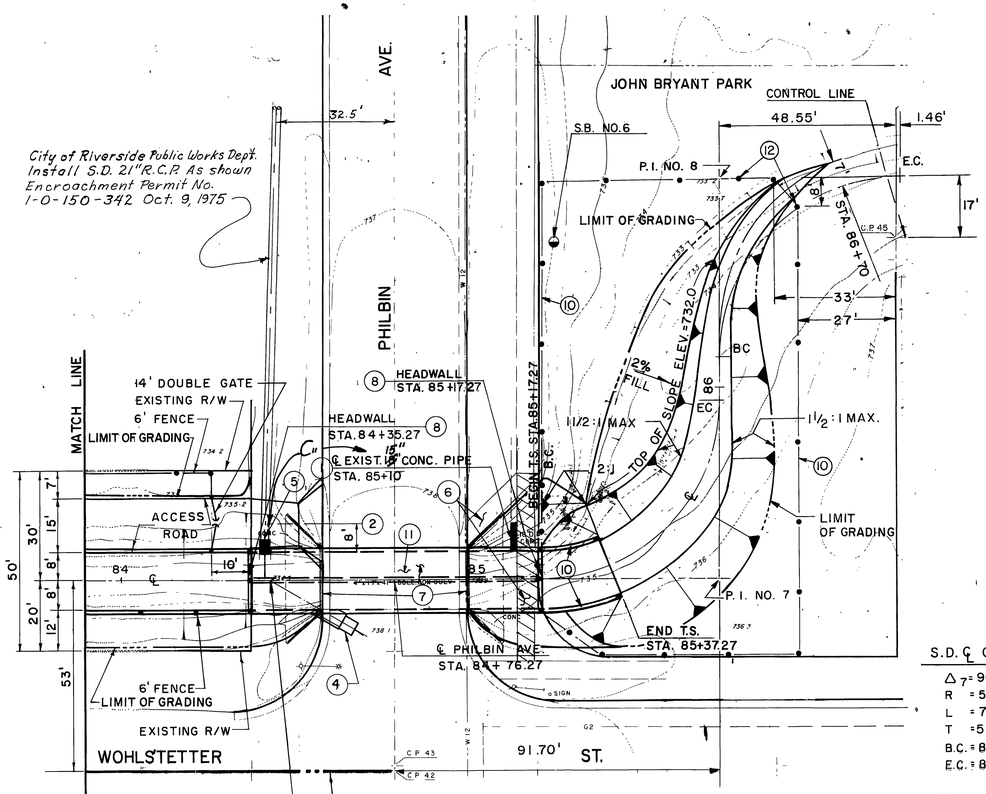
DESIGNED BY: K.E.K.
DRAWN BY: R.D.F.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.
APPROVED BY: CHIEF ENGINEER R.E. NO. 8822
DATE: 3-4-75

ANZA CHANNEL
STAGE I
STA. 80+25 TO STA. 83+90
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

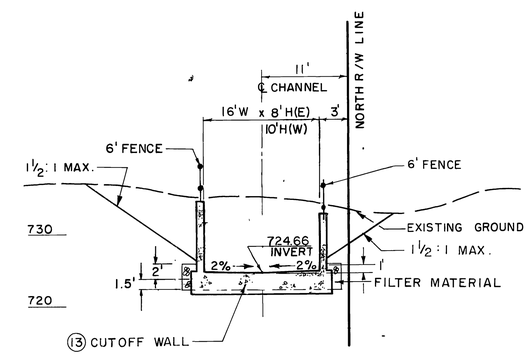
D-294

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 21 OF 78





1. REMOVE INTERFERING PORTIONS OF EXIST. ~~18"~~ 15" R.C.P. & CONNECT 12'-~~18"~~ 15" R.C.P. CL. ~~IV~~ III INTO R.C. BOX SEE PROFILE ON SHEET NO. 24
2. CONSTRUCT 12' COMMERCIAL DRIVEWAY PER CITY OF RIVERSIDE STANDARD DWG. 302, TYPE IV, A=12', B=26'
3. J.S. NO. 1, STA. 84+40.27, A=30° B=45", C=23.4', ELEV."R"=724.93 ELEV."S"=724.92
4. 4'-45" R.C.P. 1100-D, ELEV. AT END 724.94 SEAL END OF PIPE WITH CONC. BULKHEAD. SEE DETAIL ON SHEET NO. 26.
5. 4'-~~24~~ 21" R.C.P., CL. III, END ELEV. 726.58, ELEV. "S"= 726.57 PLUG END OF PIPE.
6. REMOVE EXISTING SIDEWALK BACK TO ANGLE POINT. CONSTRUCT NEW 5' WIDE SIDEWALK TO CONNECT DIRECTLY TO EXISTING SIDEWALK ALONG WOHLSTETTER ST.
7. REMOVE EXIST. HEADWALLS & BOX CULVERT
8. HEADWALL, H=6'-0", SEE DETAIL ON SHEET NO. 26.
9. TO BE CUT AND PLUGGED & RELOCATED BY OTHERS. BYPASS MUST BE PROTECTED IN SERVICE. SEE SPECIAL PROVISIONS.
10. CONSTRUCT 6' CHAIN LINK FENCE
11. CONST. 3" A.C. & 6" AGGREGATE BASE ON COMPACTED FILL. JOIN EXIST. PAVEMENT GRADE ON EACH SIDE OF EXCAVATION
12. RAISE CHAIN LINK FABRIC 18" ABOVE ℄. PROVIDE HORIZONTAL BARBED WIRE STRAND @ 6" AND 12" ABOVE ℄.
13. 12" THICK CUTOFF WALL. SEE DETAIL SHEET NO. 26.



SECTION AT STA. 85+37.27

10 0 10

S.D. ℄ CURVE DATA

Δ_7 = 90° 00' 56"
R = 50.00'
L = 78.55'
T = 50.01'
B.C. = 85+17.96
E.C. = 85+96.51

S.D. ℄ CURVE DATA

Δ_8 = 90° 00' 22"
R = 50.00'
L = 78.55'
T = 50.01'
B.C. = 86+07.88
E.C. = 86+86.43

D-294

BENCH MARK C.P. 42 BRASS DISK 0.16 DOWN AT INTERSECTION OF WOHLSTETTER AND PHILBIN NORTH. EL. 737.429

SCALE:

DATE:

ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS

APPROVED BY

DATE April 29, 1974

REGISTERED CIVIL ENGINEER NO. 11843

REVISIONS			
C11	Change Size R.C.P. as shown	1.1.71	1-1-71
REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

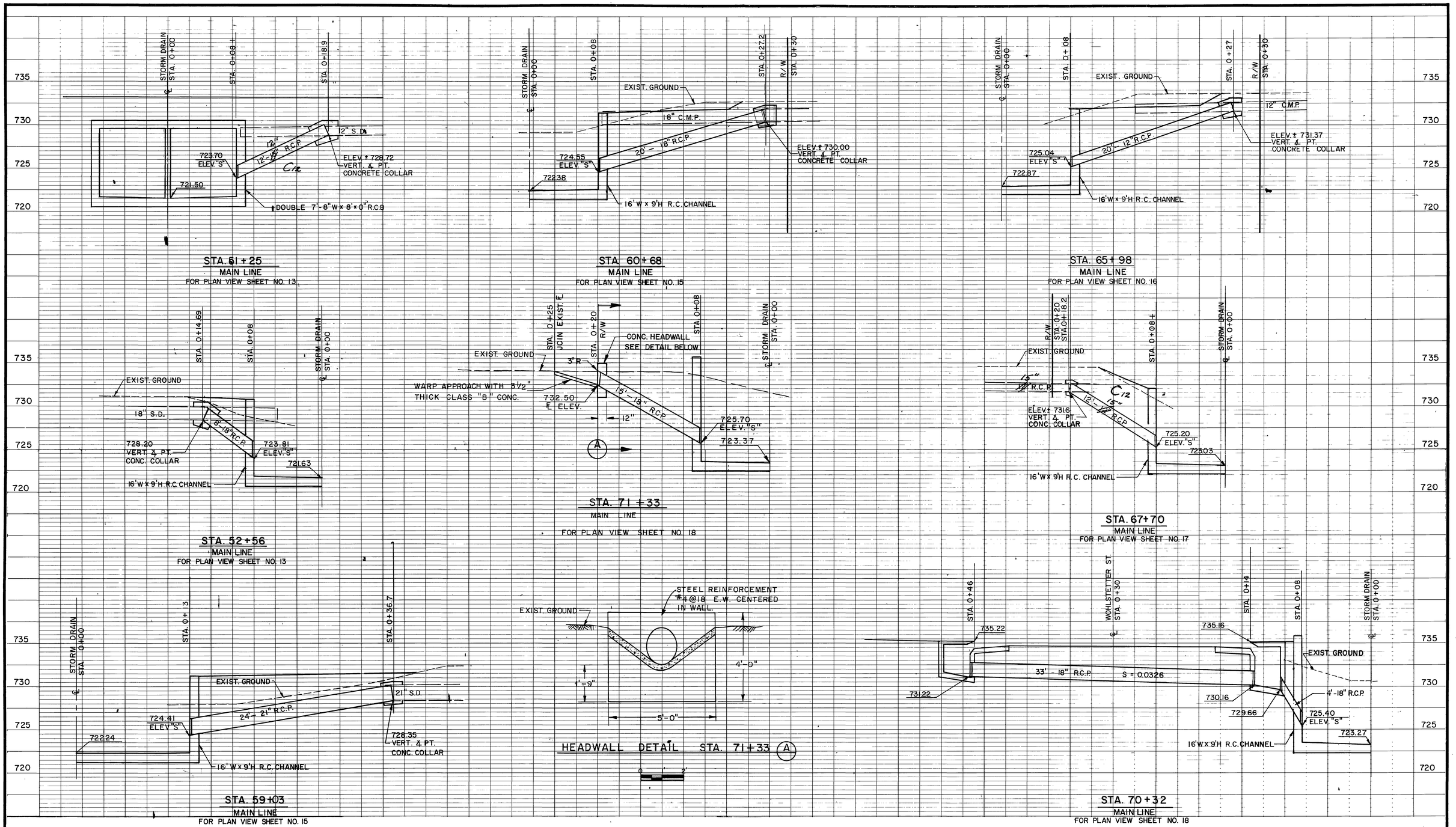
DESIGNED BY: T.V.P.
DRAWN BY: R.D.F.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C., G.L.H.

APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE 3-4-75

ANZA CHANNEL
STAGE I
STA. 83+90 TO STA. 86+90,
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 22 OF 78

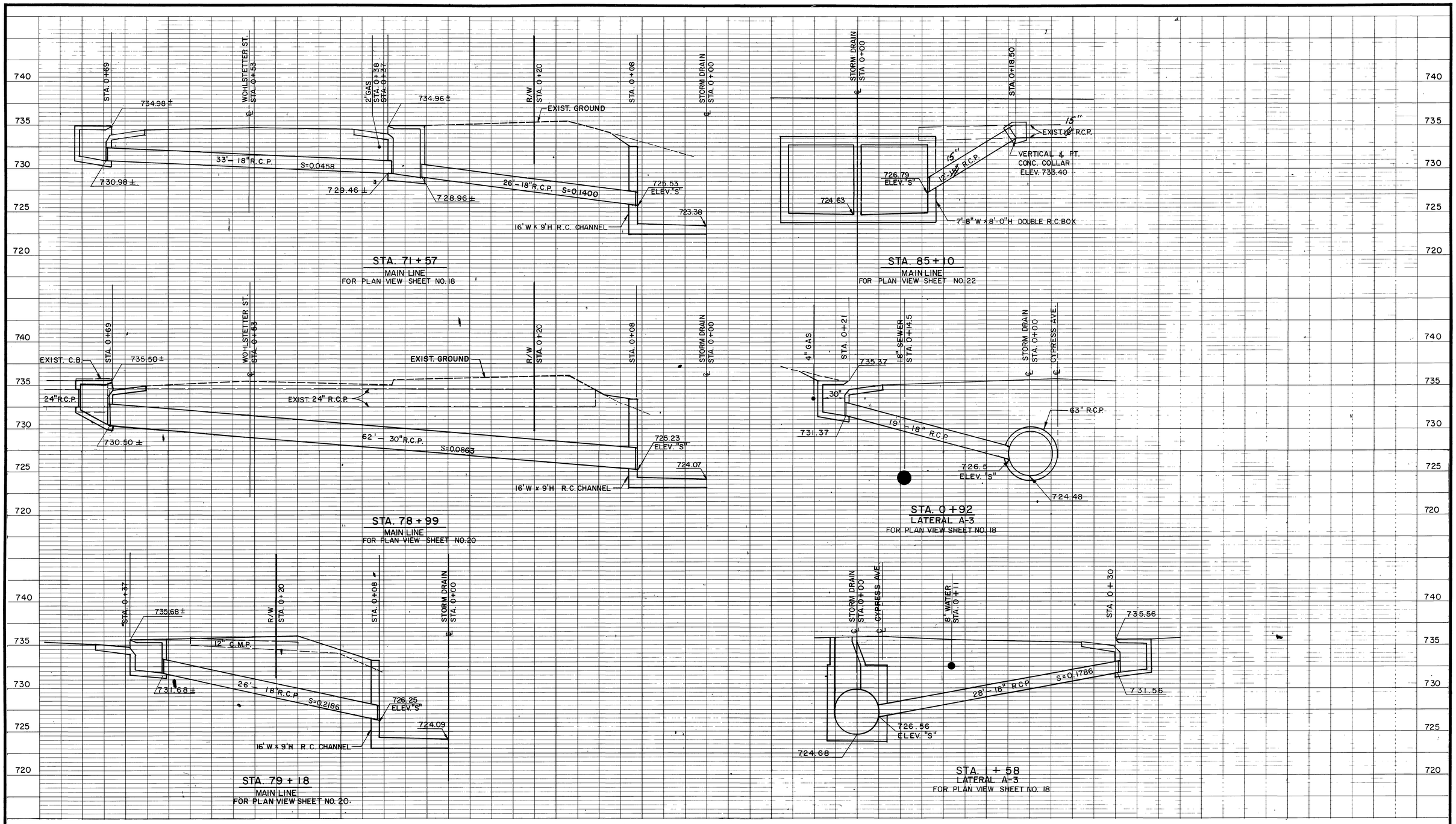
AS BUILT



D-294

BENCH MARK	APPROVED BY	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL STAGE I	PROJECT NO. 1-0-150
SCALE:	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS — DATE April 22, 1974 — REGISTERED CIVIL ENGINEER NO. 11643	C12 R.C.P. Change-size AM 6-76	DESIGNED BY: K.K. — DRAWN BY: A.W.S. — DATE DRAWN: OCT. 1973 — CHECKED BY: R.D.C.	CONNECTOR PIPE PROFILE	DRAWING NO. 1-302
DATE:		REF. DESCRIPTION APPR. DATE	APPROVED BY: CHIEF ENGINEER R.E. NO. 8822 — DATE: 3-4-75	1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	SHEET NO. 23 OF 78

AS BUILT

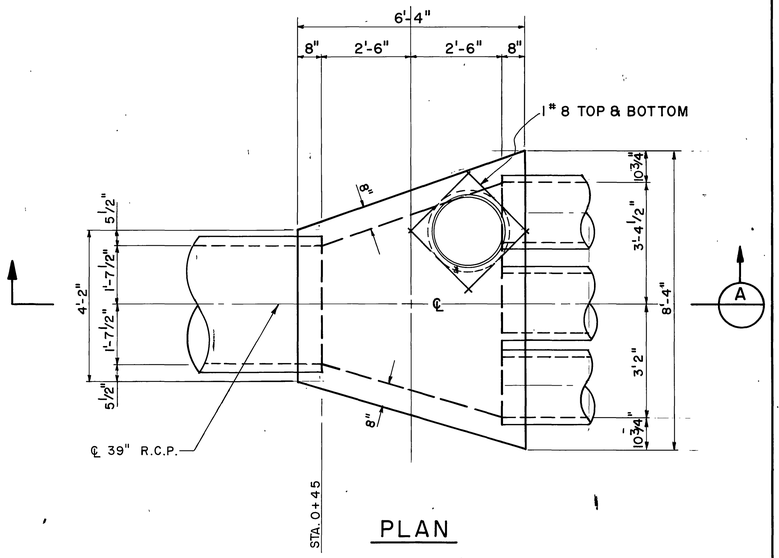


D-294

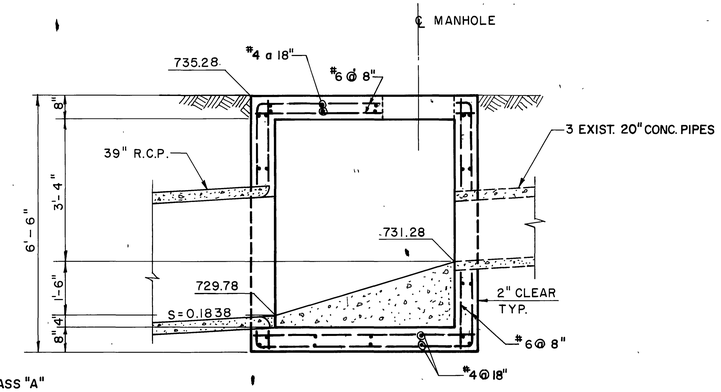
1" = 5'
0 5' 10'

BENCH MARK	APPROVED BY	REVISIONS	RIVERSIDE, COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL STAGE I	PROJECT NO. 1-0-150
SCALE:	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS — DATE: April 29, 1974 — REGISTERED CIVIL ENGINEER NO. 11543	C13 REF. — Change R.C.P. Size — DESCRIPTION — DIX 6-74 APPR. DATE	DESIGNED BY: K.K. — DRAWN BY: A.W.S. — DATE DRAWN: OCT. 1973 — CHECKED BY: R.D.G. — APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822 — DATE: 3-4-75	CONNECTOR PIPE PROFILE — 1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	DRAWING NO. 1-302
DATE:					SHEET NO. 24 OF 78

AS BUILT



PLAN



SECTION A

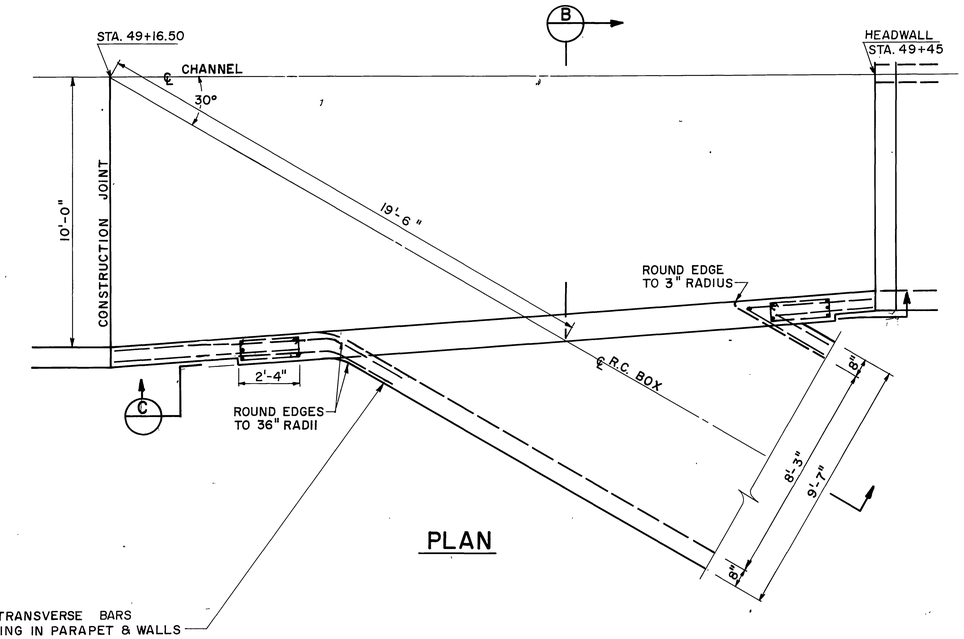
JUNCTION CHAMBER

NOTES

1. CONCRETE SHALL BE CLASS "A"
2. FLOOR OF JUNCTION CHAMBER SHALL BE STEEL TROWLED TO OUTLET
3. BACKFILL UNDER PIPES WITH 1-3-5 MIX CONCRETE OR COMPACT SOIL TO RELATIVE DENSITY REQUIRED BY SPECIFICATIONS.
4. REINFORCING STEEL SHALL BE 2" CLEAR FROM FACE OF CONCRETE UNLESS OTHERWISE SHOWN.
5. MANHOLE FRAME AND COVER PER STD. DRAWING CB 103
6. SEE SHEET NO. 17 FOR OVERALL PLAN VIEW

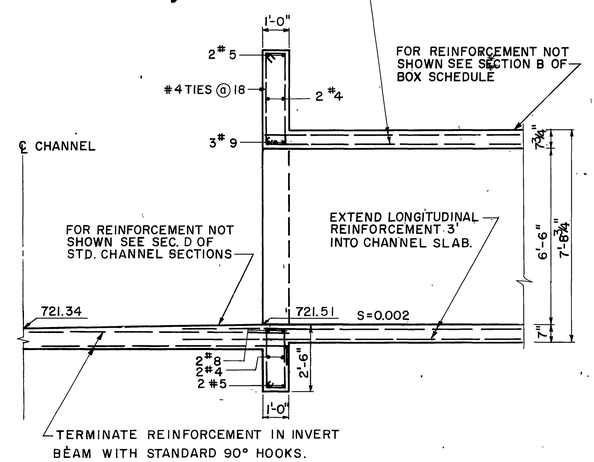
1/2" = 1'-0"

0' 1' 2' 3' 4' 5'



PLAN

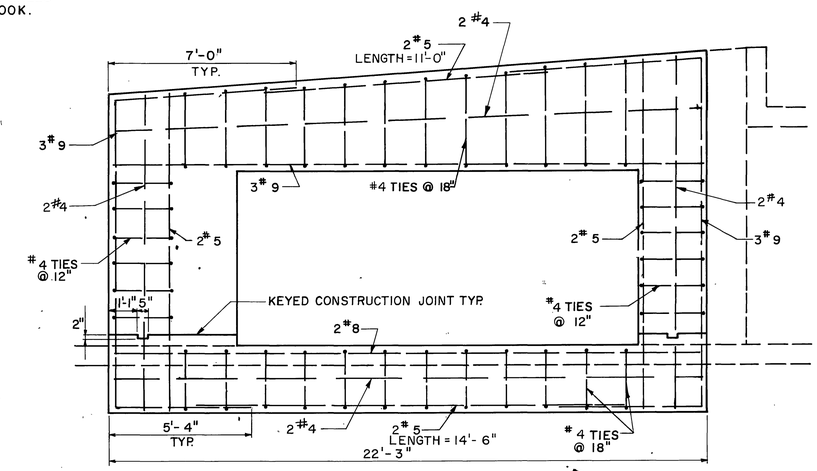
ALL RCB TRANSVERSE BARS TERMINATING IN PARAPET & WALLS SHALL HAVE STANDARD 90° HOOK.



SECTION B

NOTES

1. CONCRETE SHALL BE CLASS "A"
2. REINFORCING STEEL SHALL BE 2" CLEAR FROM FACE OF CONCRETE UNLESS OTHERWISE SHOWN
3. SEE SHEET NO. 12 FOR OVERALL PLAN VIEW.



SECTION C

SPECIAL JUNCTION STRUCTURE STA. 49+16.50

SCALE 3/8" = 1'-0"

1 1/2 0 5 10

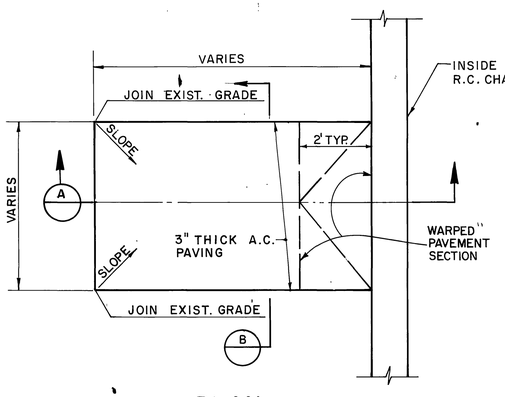
D-234

BENCH MARK	APPROVED BY	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
SCALE:	DATE April 29, 1974		DESIGNED BY: T.V.P. / DRAWN BY: J.A.C. / DATE DRAWN: OCT. 1973 / CHECKED BY: R.D.C.
DATE:	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS — REGISTERED CIVIL ENGINEER NO. 13848	No Change — REF. / DESCRIPTION / APPR. / DATE	APPROVED BY: John W. Bryant, CHIEF ENGINEER R/E. NO. 8822 — DATE: 3-4-75

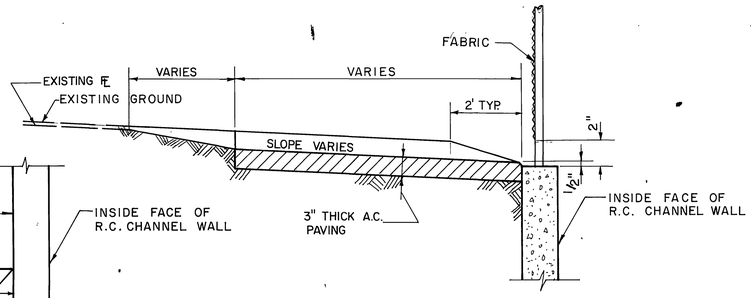
ANZA CHANNEL
STAGE I
JUNCTION CHAMBER AND SPECIAL JUNCTION STRUCTURE
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 25 OF 78

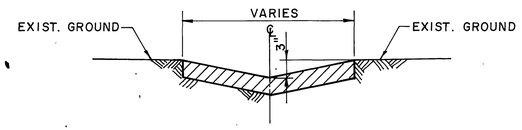
AS BUILT



PLAN
NO SCALE



SECTION A
NO SCALE

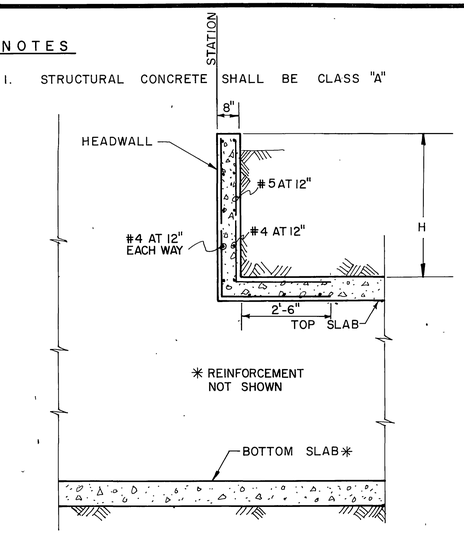


SECTION B
NO SCALE

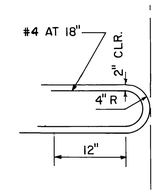
TYPICAL SWALE DETAIL
STATIONS: 52+70; 53+19; 54+77; 56+43; 57+43; 58+15; 58+80; 59+63; 62+65

NOTES

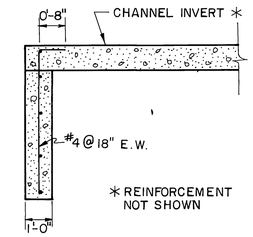
1. STRUCTURAL CONCRETE SHALL BE CLASS "A"



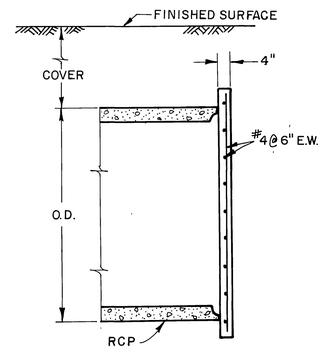
TYPICAL HEADWALL DETAIL
NO SCALE



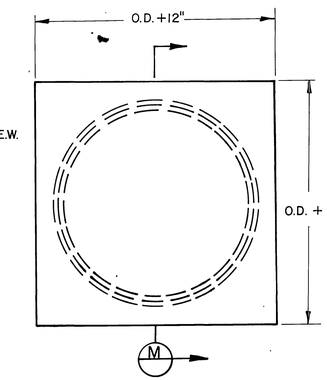
PIER END DETAIL
FOR DOUBLE BARREL BOXES
NO SCALE



TYPICAL CUTOFF WALL DETAIL
NO SCALE



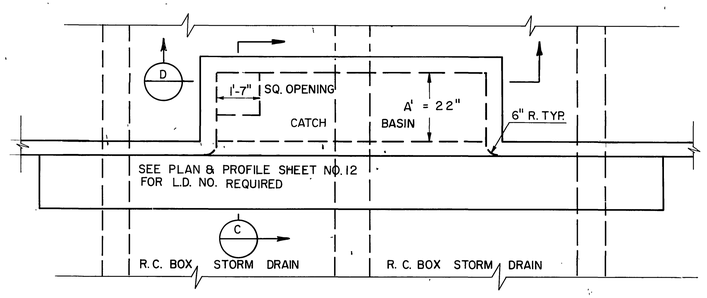
SECTION M



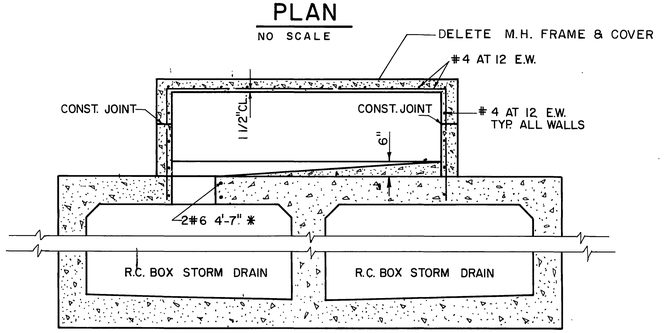
NOTES

1. CONC. SHALL CLASS "B".
2. REINFORCING STEEL SHALL BE CENTERED IN BULKHEAD.

CONCRETE BULKHEAD
NO SCALE



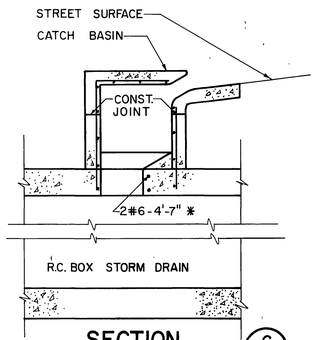
PLAN
NO SCALE



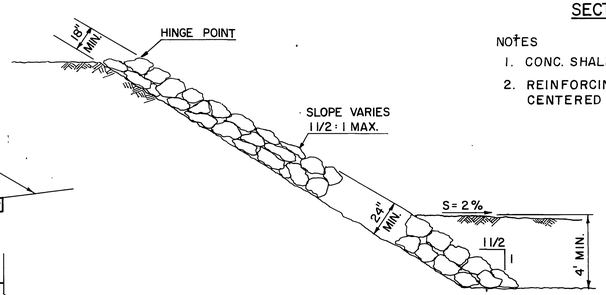
SECTION D
NO SCALE

TYPICAL MODIFIED C.B. NO. 1 DETAIL
SEE SHEET NO. 12 FOR OVERALL PLAN VIEW

* FOR INFORMATION NOT SHOWN SEE STANDARD DWG. NO. C.B. 100
* PUT REINFORCEMENT SHOWN UNDER CUT BARS & OVER UNCUT BARS



SECTION C
NO SCALE



CHANNEL ROCK SLOPE PROTECTION
SEE SHEET NOS. 2, 9 & 10 FOR OVERALL PLAN VIEW
NO SCALE

D-294

BENCH MARK	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS	APPROVED BY	REVISIONS
SCALE:		DATE April 28, 1974	
DATE:		REGISTERED CIVIL ENGINEER NO. 11843	No Change
			REF. / DESCRIPTION / APPR. / DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: K.E.K.
DRAWN BY: T.L.K.
DATE DRAWN: OCT. 1973
CHECKED BY: R.D.C. G.L.H.
APPROVED BY: John K. Bryant, CHIEF ENGINEER R.E. NO. 8822
DATE: 3-4-75

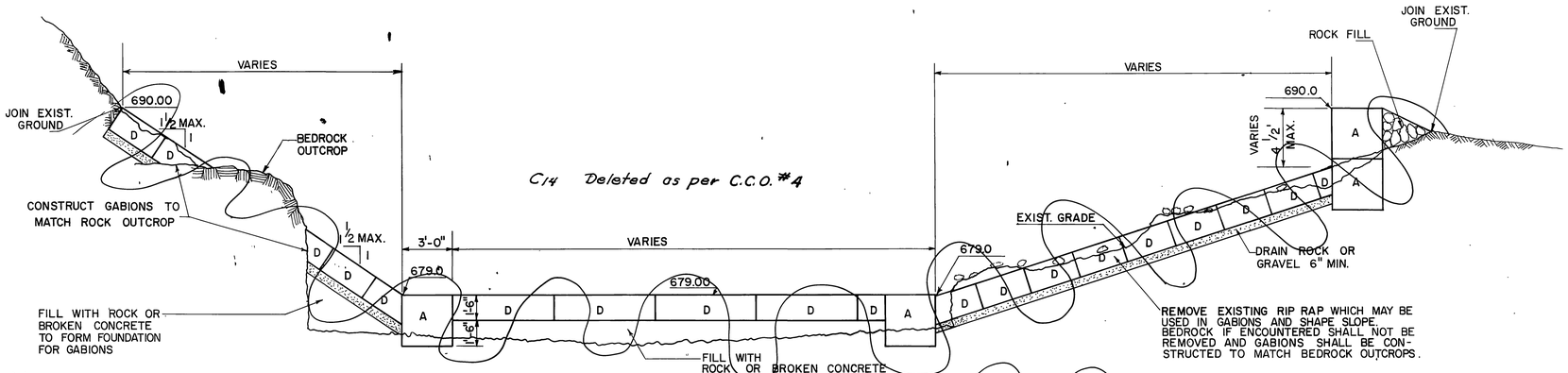
ANZA CHANNEL
STAGE I
MISCELLANEOUS STRUCTURAL DETAILS
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 26 OF 78

AS BUILT

NOTES :

1. DELETE CAP SCREW AT THIS LOCATION TO PROVIDE FOR EXPANSION.
2. SEE SHEET 28 FOR PIPE RAILING DETAILS.
3. CLEAR COVER FOR STEEL SHALL BE 1½ INCHES EACH FACE FOR WALLS AND 2 INCHES EACH FACE FOR BOTTOM SLAB AND CUTOFF WALLS.
4. REINFORCING BAR CUTOFF AT NOTED COVER, UNLESS OTHERWISE SPECIFIED.
5. EXPANSION JOINT SHALL HAVE #4 x 2 FEET LONG DOWELS AT 12 INCHES SPACING PLACED AT THE CENTER OF SECTIONS WITH 12 INCHES WRAPPED TO PREVENT BOND. A COMPLETE CURTAIN OF TRANSVERSE STEEL SHALL BE PLACED 3 INCHES FROM EACH FACE OF THE JOINT AND LONGITUDINAL STEEL WILL NOT BE CONTINUOUS THROUGH THE JOINT.
6. SPLICES SHALL CONFORM TO THE PROVISIONS OF ACI STANDARD 318-71.
7. THREE WEEPHOLES SHALL BE FORMED AS SHOWN, SPACED EVENLY ALONG EACH WALL WITH ONE CUBIC FOOT OF FILTER MATERIAL PLACED AT EACH HOLE.

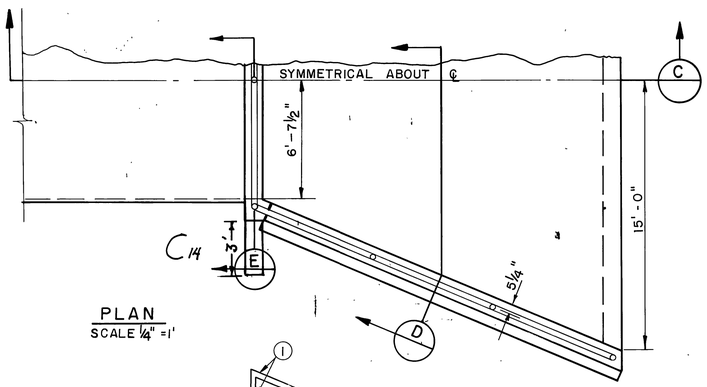


SIZE SCHEDULE

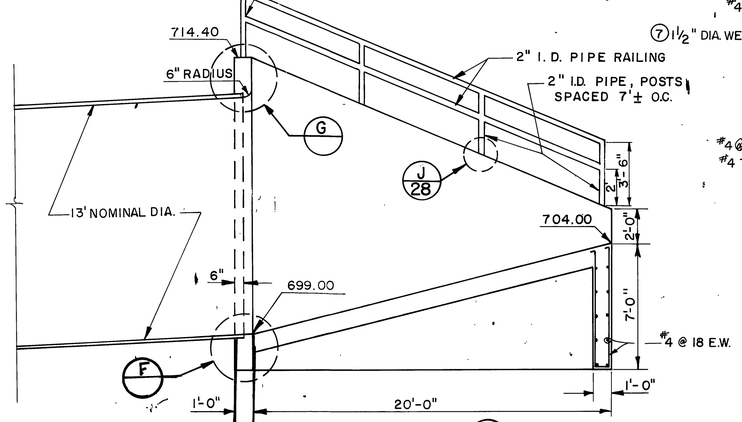
TYPE	SIZE (ft) LENGTH	WIDTH	DEPTH
A	6	3	3
D	6	3	1 1/2

SECTION A/2
SCALE: ¼"=1'-0"
FOR PLAN SEE SHEET 2

GABION STRUCTURE DETAIL

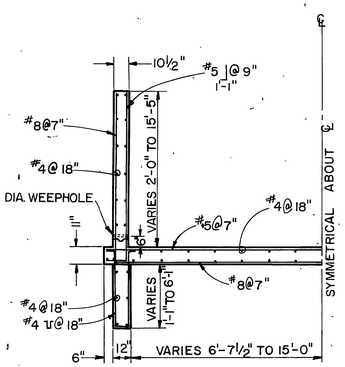


PLAN
SCALE ¼" =1'

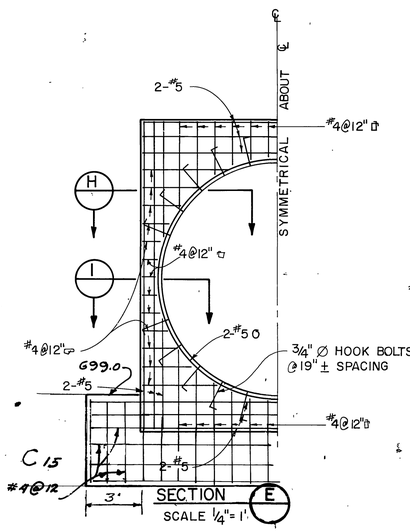


ELEVATION C
SCALE ¼"= 1'
FOR PLAN SEE SHEET 2

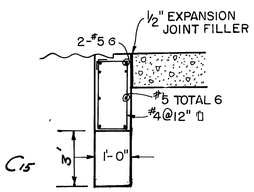
HOLE DAM INLET STRUCTURE



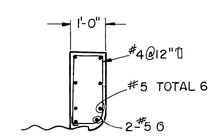
SECTION D
SCALE ¼" = 1'



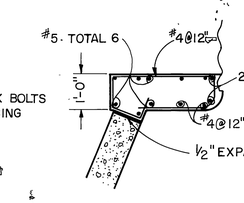
SECTION E
SCALE ¼"= 1'



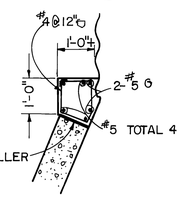
SECTION F
NO SCALE



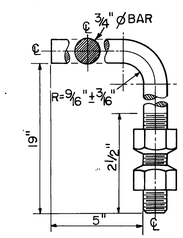
SECTION G
NO SCALE



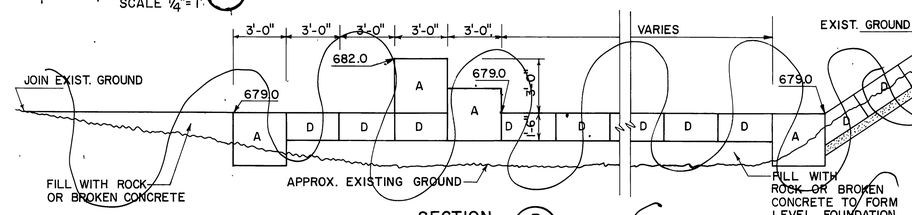
SECTION H
NO SCALE



SECTION I
NO SCALE

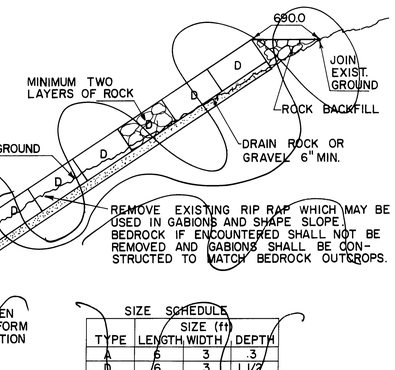


HOOK BOLT DETAIL
NO SCALE



SECTION B/2
SCALE: 1/4"= 1'-0"
FOR PLAN SEE SHEET 2

GABION STRUCTURE DETAIL



SIZE SCHEDULE

TYPE	SIZE (ft) LENGTH	WIDTH	DEPTH
A	6	3	3
D	6	3	1 1/2

As Per C.C.O. #2

C14 Deleted as per C.C.O. #4

D-294

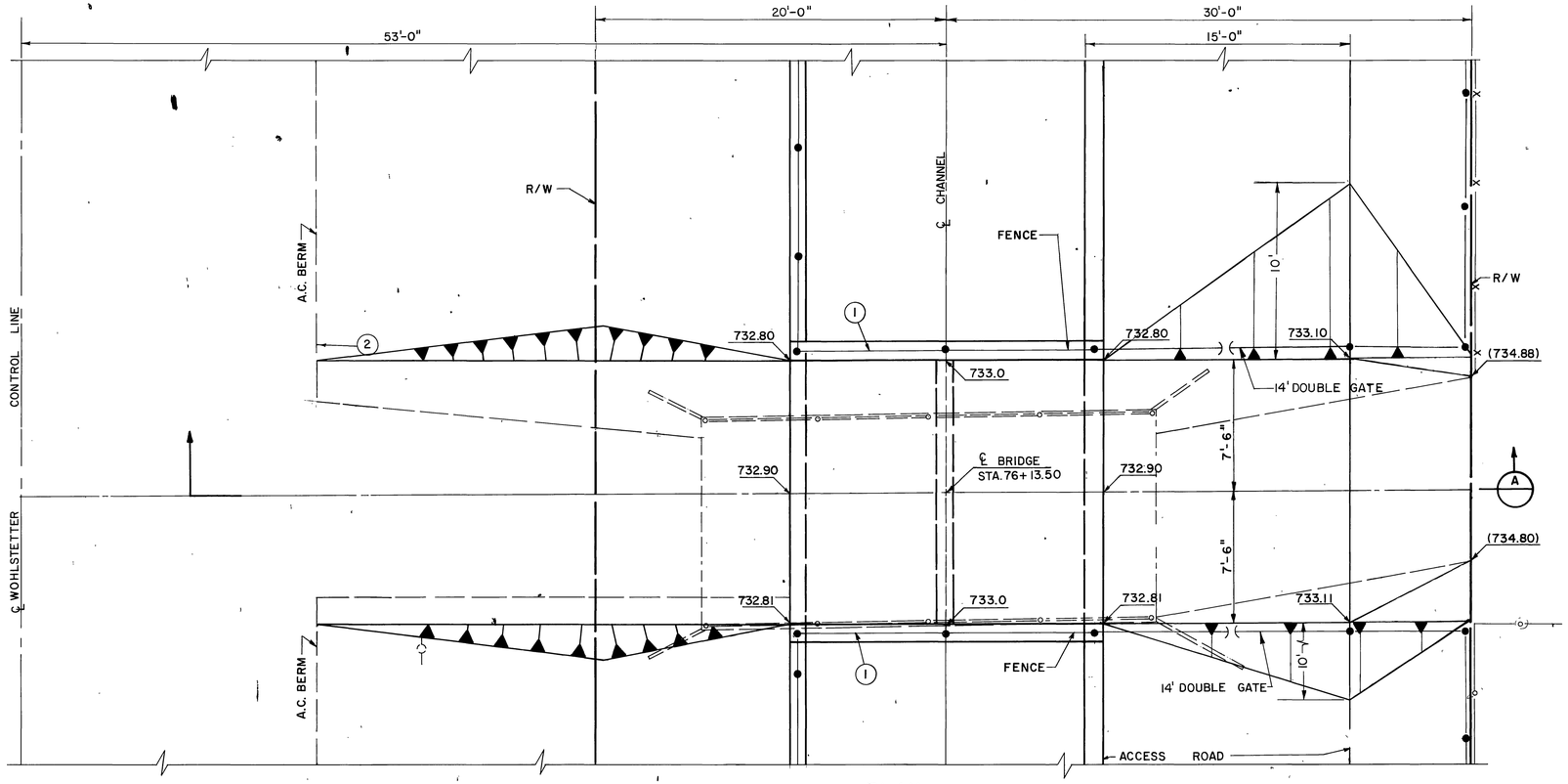
SCALE : ¼" = 1'-0"
1 0 5 10 15

SCALE : ¾" = 1'-0"
½ 0 1 5

SCALE : 1" = 1'-0"
1 ½ 0 5

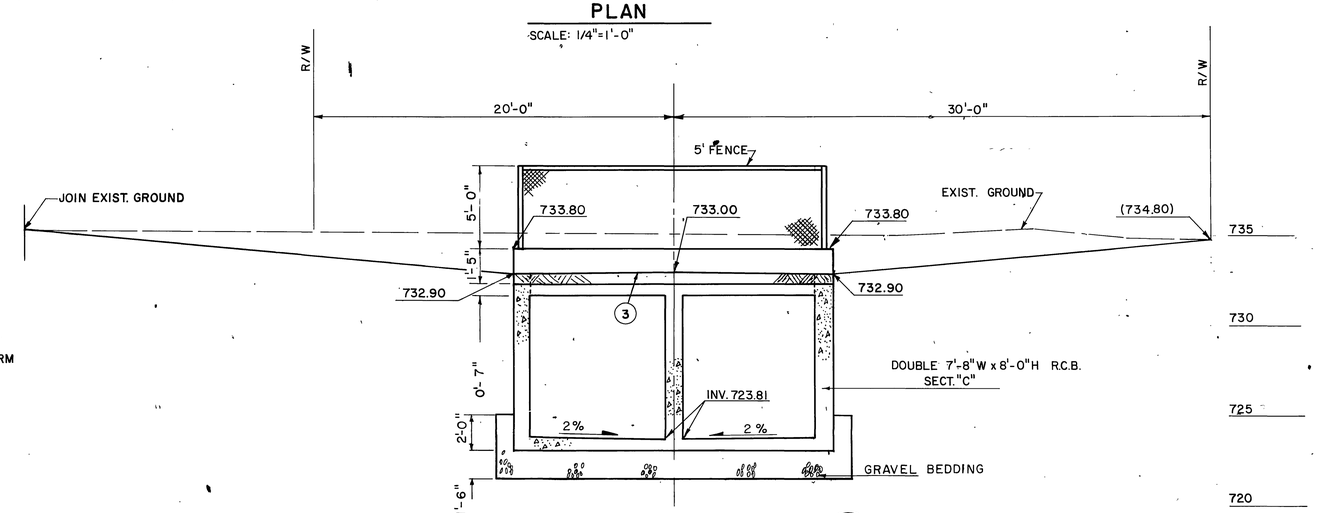
BENCH MARK	ALDERMAN & SWIFT CONSULTING ENGINEERS	APPROVED BY	REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		ANZA CHANNEL STAGE I	PROJECT NO. 1-0-150
SCALE:		DATE April 22, 1974	C15 Change as per C.C.O. #2			DESIGNED BY: T.P.	APPROVED BY: John W. Bryant	MISCELLANEOUS DETAILS	DRAWING NO. 1-302
DATE:		REGISTERED CIVIL ENGINEER NO. 11843	C14 Change as per C.C.O. #4			DRAWN BY: E.H. & P.T.	CHIEF ENGINEER R.E. NO. 8822	1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	SHEET NO. 27 OF 78
			REF.	DESCRIPTION	APPR. DATE	DATE DRAWN: APRIL, 1974	DATE: 3-4-75		
						CHECKED BY: G.L.H.			

AS BUILT



PLAN

SCALE: 1/4"=1'-0"



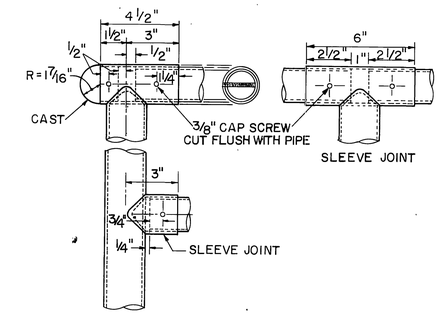
SECTION A

SCALE: 1/4"=1'-0"

1. HEADWALL, H=2', SEE DETAIL SHEET NO. 26.
2. REMOVE INTERFERING PORTIONS OF A.C. BERM
3. COMPACTED FILL
4. FOR OVERALL PLAN AND PROFILE SEE SHEET NO. 19.

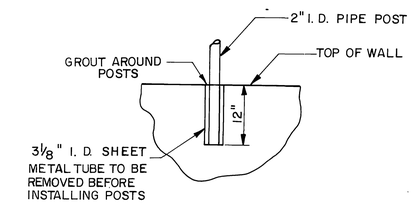
SCALE: 1/4"=1'-0"

0 5 10 15



PIPE RAILING DETAILS

NO SCALE



TYPICAL POST INSTALLATION (J / 27)

NO SCALE

NOTES:

1. ALL PIPE SHALL BE "STANDARD WEIGHT."
2. INLET STRUCTURE, SEE SHEET NO. 27.

D-294

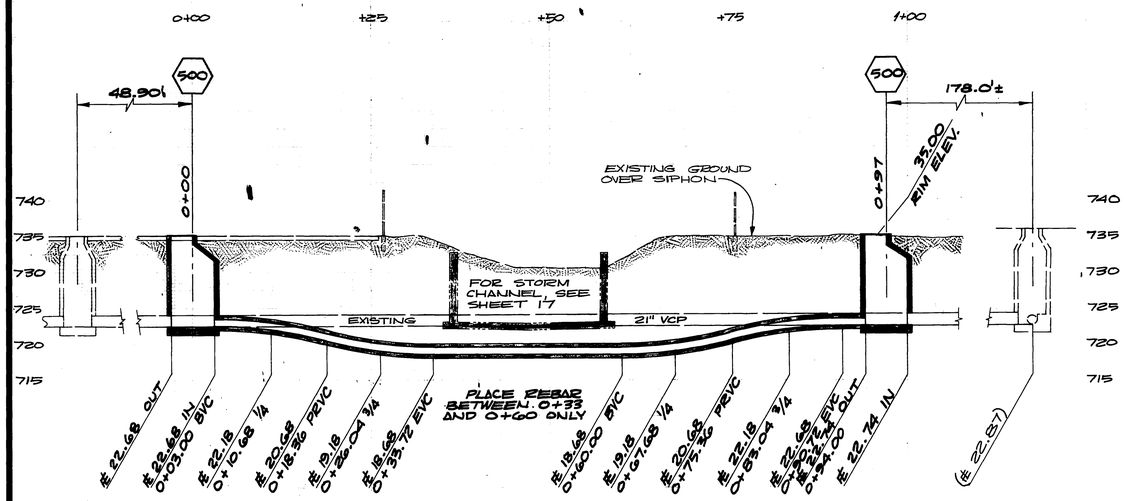
BENCH MARK	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS	APPROVED BY	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
SCALE:		DATE April 22, 1974		DESIGNED BY: R.D.C.
DATE:		REGISTERED CIVIL ENGINEER NO. 11543		DRAWN BY: E.H.
				DATE DRAWN: APRIL, 1974
			No Change	CHECKED BY: R.D.C., G.L.H.
			REF. DESCRIPTION APPR. DATE	

APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822, DATE: 3-4-75

ANZA CHANNEL
STAGE I
ACCESS BRIDGE STA. 76+13.50
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

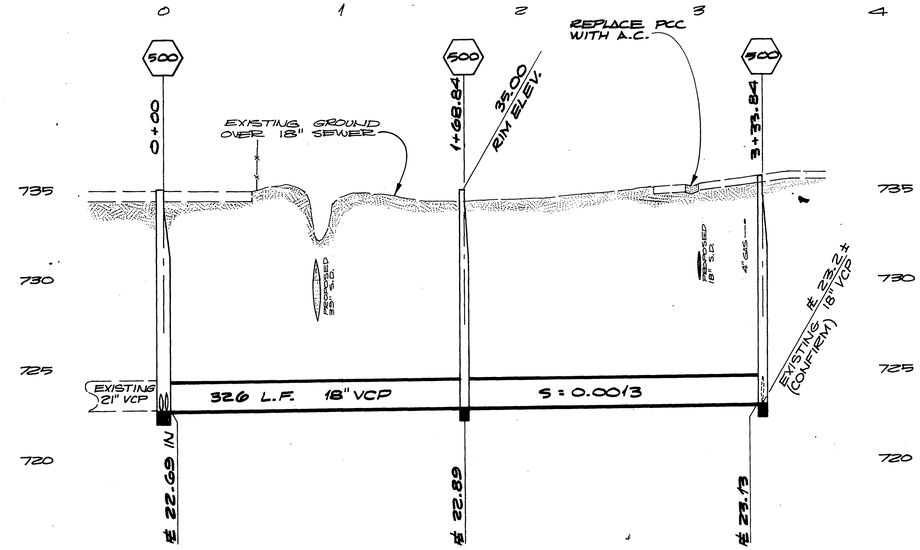
PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 28 OF 78

AS BUILT



SIPHON PROFILE

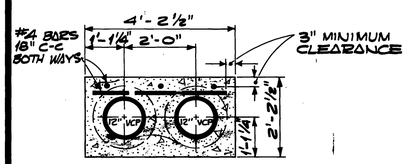
SCALE: HORIZ. 1" = 10'
VERT. 1" = 10'



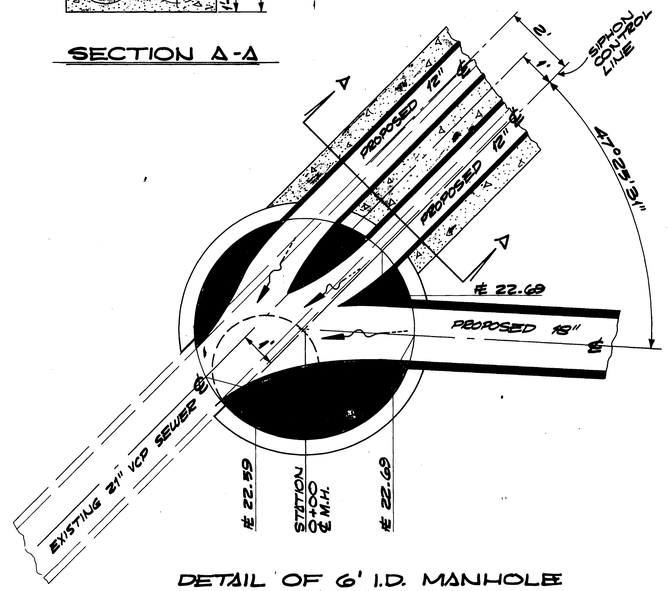
18" VCP PROFILE

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

BENCH MARK: C.P. 37
BRASS DISK DOWN 0.25' AT THE INTERSECTION OF WOHLSTETTER ST. SOUTH, AND CYPRESS AVENUE
ELEV. 735.35

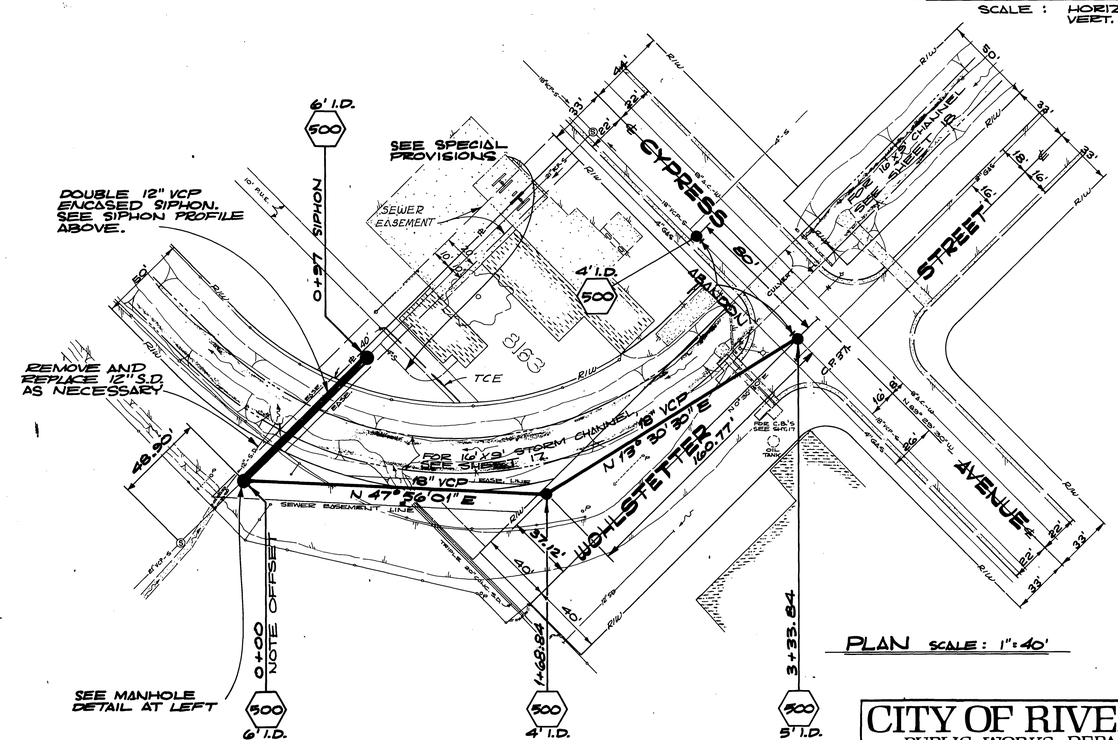


SECTION A-A



DETAIL OF 6' I.D. MANHOLE AT STATION 0+00

SCALE: 1" = 2'



PLAN SCALE: 1" = 40'

500 CONSTRUCT MANHOLE PER CITY/RIVERSIDE STANDARD DRAWING 500.

① VERTICAL CURVES FOR SIPHON ARE 60' RADIUS. USE 2' LENGTHS OF 12" VCP.

D-294

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			Anza Channel Sewer Relocations	ACCOUNT NO. 32-577-539 S-970
APPROVED BY		APPROVED BY		SHEET 1 OF 1
PRINCIPAL ENGINEER	11/27	PUBLIC WORKS DIRECTOR	HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN	FILE NO.
~~PARK DEPARTMENT~~				
SEWER SYSTEMS	11-26			
CHIEF F.W. ENGINEER	11-25	DATE 12-5-74		

MARK	REVISIONS	APPR.	DATE
	No Change		

DESIGNED BY: DRAWN BY: CHECKED BY:

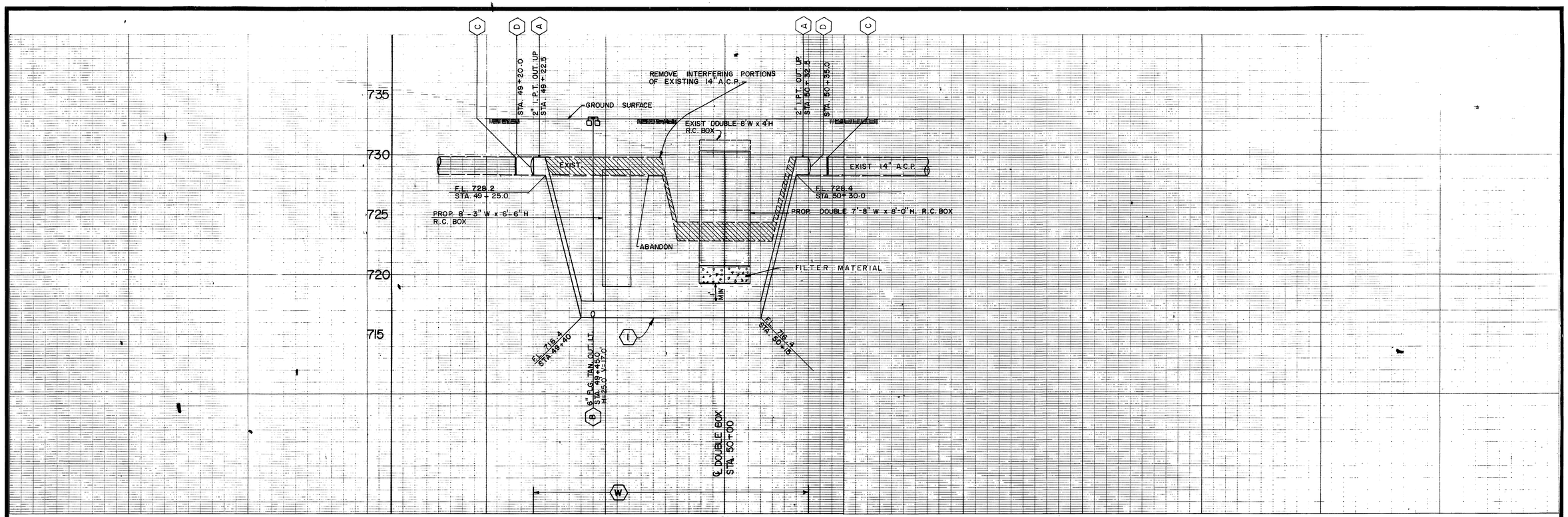
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

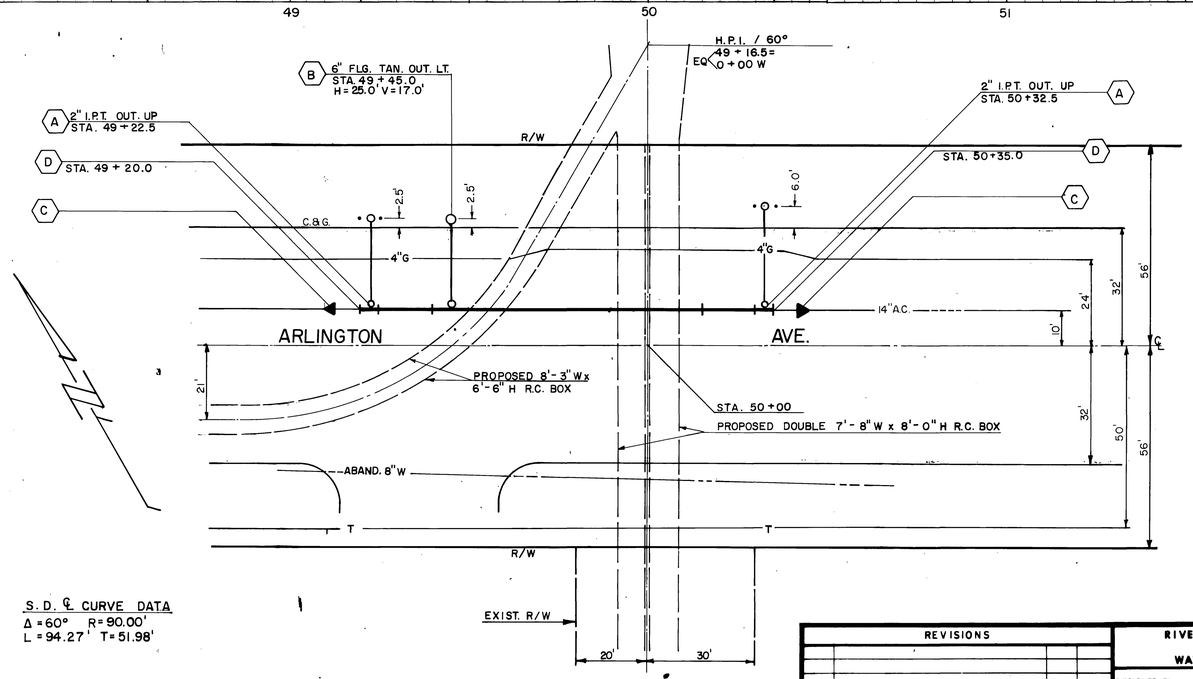
DESIGNED BY:
DRAWN BY:
DATE DRAWN:
CHECKED BY:
APPROVED BY: John W. Bestard, CHIEF ENGINEER R.E. NO. 8822
DATE: 3-14-75

ANZA CHANNEL
STAGE I
SEWER RELOCATION
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 29 OF 78

AS BUILT





GENERAL NOTES :

1. THE CONTRACTOR SHALL HYDROSTATICALLY TEST THE WATER LINE AT 150 P.S.I. FOR 1 HOUR. ALLOWABLE LEAKAGE = 0.0 GAL.

2. THE CITY WILL FLUSH & CHLORINATE THE MAIN AFTER TESTING.

3. MATERIALS:
   AIR VALVE - CRISPEN U-20 OR APCO NO. 145C
   6" BUTTERFLY VALVE - DRESSER "450" OR PRATT "GROUNDHOG"
   2" GATE VALVE - STOCKHAM B-115
   BRASS OR BRONZE FITTINGS - MUELLER OR JONES
   COPPER PIPE - ASTM B-88, TYPE K
   TRANSITION COUPLING - DRESSER, BAKER, OR SMITH-BLAIR

4. REFERENCE:
   ANZA CHANNEL STAGE I
   PROJECT 1-0-150, SHEET 12

S.D. ℄ CURVE DATA
Δ = 60° R = 90.00'
L = 94.27' T = 51.98'

CONSTRUCTION NOTES:

(I) CONSTRUCTION CONTRACTOR FURNISH & INSTALL 14" ϕ M.L.&C. STL. CYL. PIPE, CLASS 150 P.S.I., PER AWWA C-201 OR SS-P-385a. 12 GAGE (0.105 IN.) CYLINDER MIN.

(A) CONSTRUCTION CONTRACTOR INSTALL 2" AIR VALVE PER CWD-340, CWD-451, CWD-900.

(D) CONSTRUCTION CONTRACTOR FURNISH & INSTALL DISHED HEAD. FURNISH TRANSITION CPLG.(STL. TO A.C.P.) FOR TIE-IN BY CITY.

(W) CONSTRUCTION CONTRACTOR WELD ALL JOINTS 360°.

(C) CITY FORCES CUT & PLUG EXISTING 14" ϕ A.C.P. COMPLETE TIE-IN AFTER TESTING.

(B) CONSTRUCTION CONTRACTOR INSTALL 8" BLOW-OFF PER CWD-320 CWD-405, CWD-810.

D-294

ANZA STORM DRAIN STAGE I
ARLINGTON AVE. 14" RELOCATION

SCALE 1" = 20' H, 1" = 4' V	DRAWN E.J.K.	CITY OF RIVERSIDE DEPARTMENT OF PUBLIC UTILITIES
DATE OCT, 1974	CHECKED F.L.	
JOB No 3165	APPROVED H.L. Cresson	DRAWING NO. D5-3165-1
F. B. No	65-751-786	W DIV.

REVISIONS			
	No Change		
REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

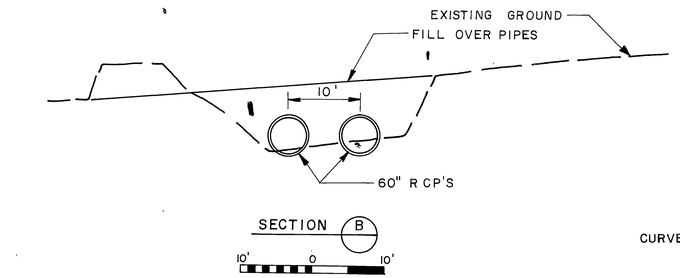
DESIGNED BY:
DRAWN BY:
DATE DRAWN:
CHECKED BY:

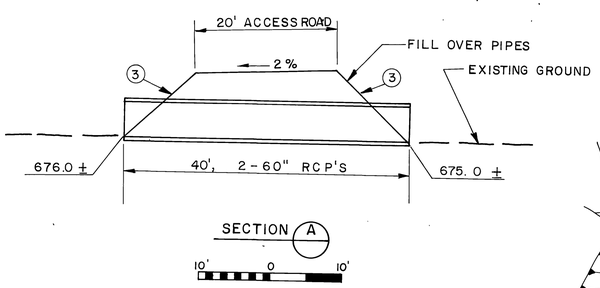
APPROVED BY: John W. Bussot
CHIEF ENGINEER R.E. NO. 8822
DATE: 3-4-75

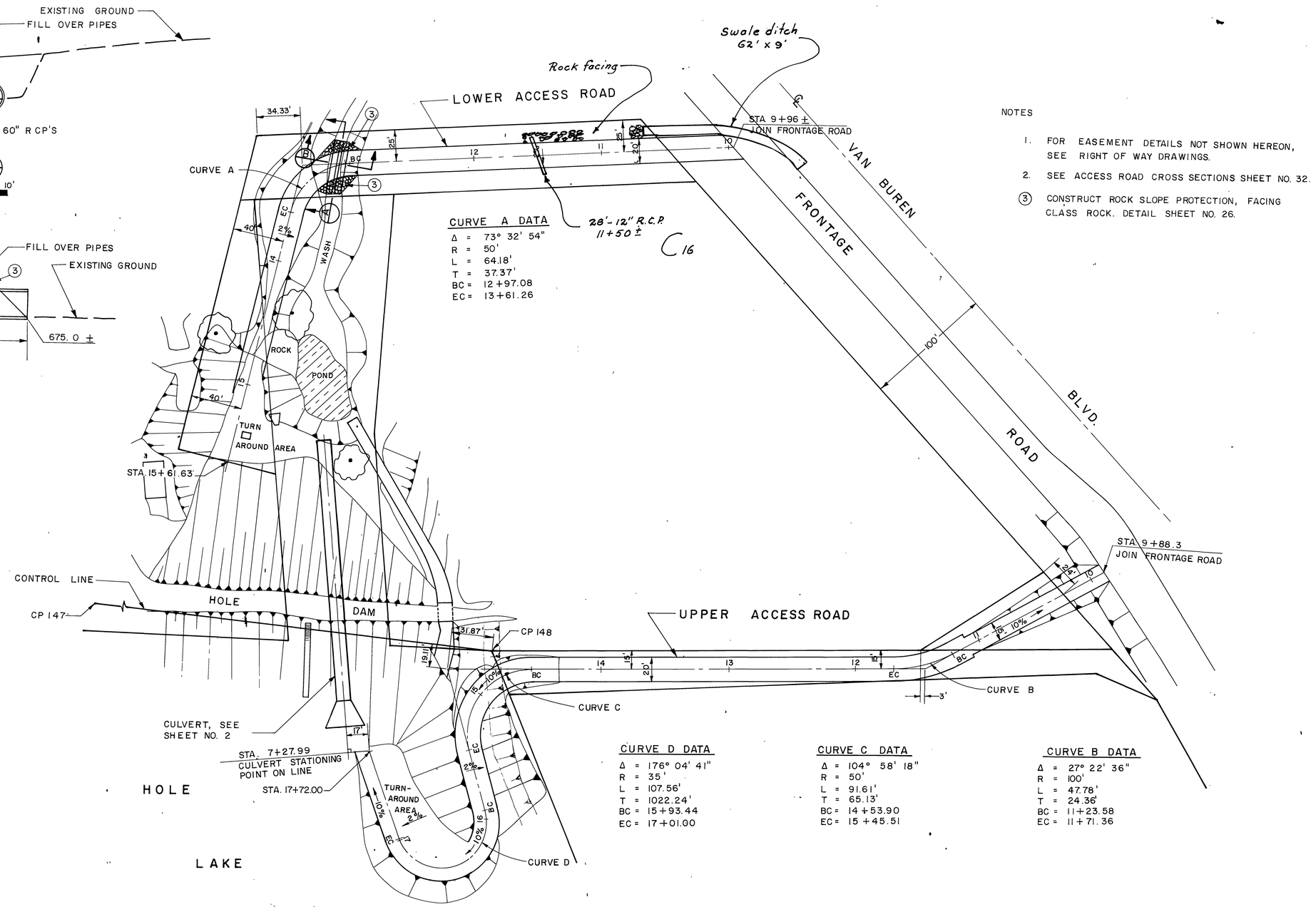
ANZA CHANNEL
STAGE I
WATER LINE RELOCATION
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO 1-0-150
DRAWING NO 1-302
SHEET NO 30 OF 78

AS BUILT







NOTES

1. FOR EASEMENT DETAILS NOT SHOWN HEREON, SEE RIGHT OF WAY DRAWINGS.
2. SEE ACCESS ROAD CROSS SECTIONS SHEET NO. 32.
3. CONSTRUCT ROCK SLOPE PROTECTION, FACING CLASS ROCK. DETAIL SHEET NO. 26.

CURVE D DATA

Δ = 176° 04' 41"
R = 35'
L = 107.56'
T = 1022.24'
BC = 15+93.44
EC = 17+01.00

CURVE C DATA

Δ = 104° 58' 18"
R = 50'
L = 91.61'
T = 65.13'
BC = 14+53.90
EC = 15+45.51

CURVE B DATA

Δ = 27° 22' 36"
R = 100'
L = 47.78'
T = 24.36'
BC = 11+23.58
EC = 11+71.36

D-254

REVISIONS			
C16	Change as shown	N.M. 6-76	
REF.	DESCRIPTION	APPR.	DATE

AS BUILT

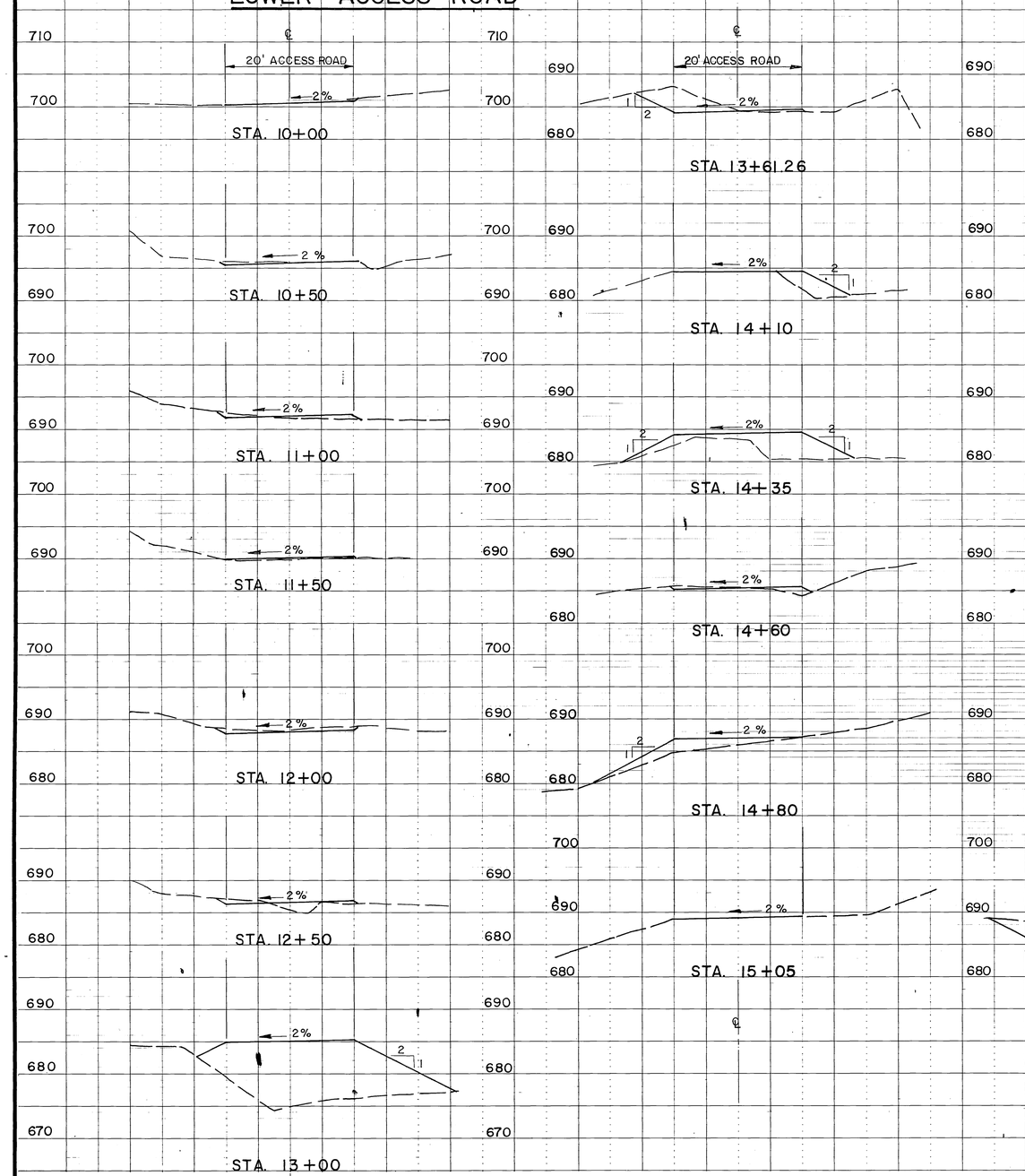
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: A.G.K.
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY:
APPROVED BY: Arthur W. Beckwith
CHIEF ENGINEER R.E. NO. 8822
DATE: 3-4-75

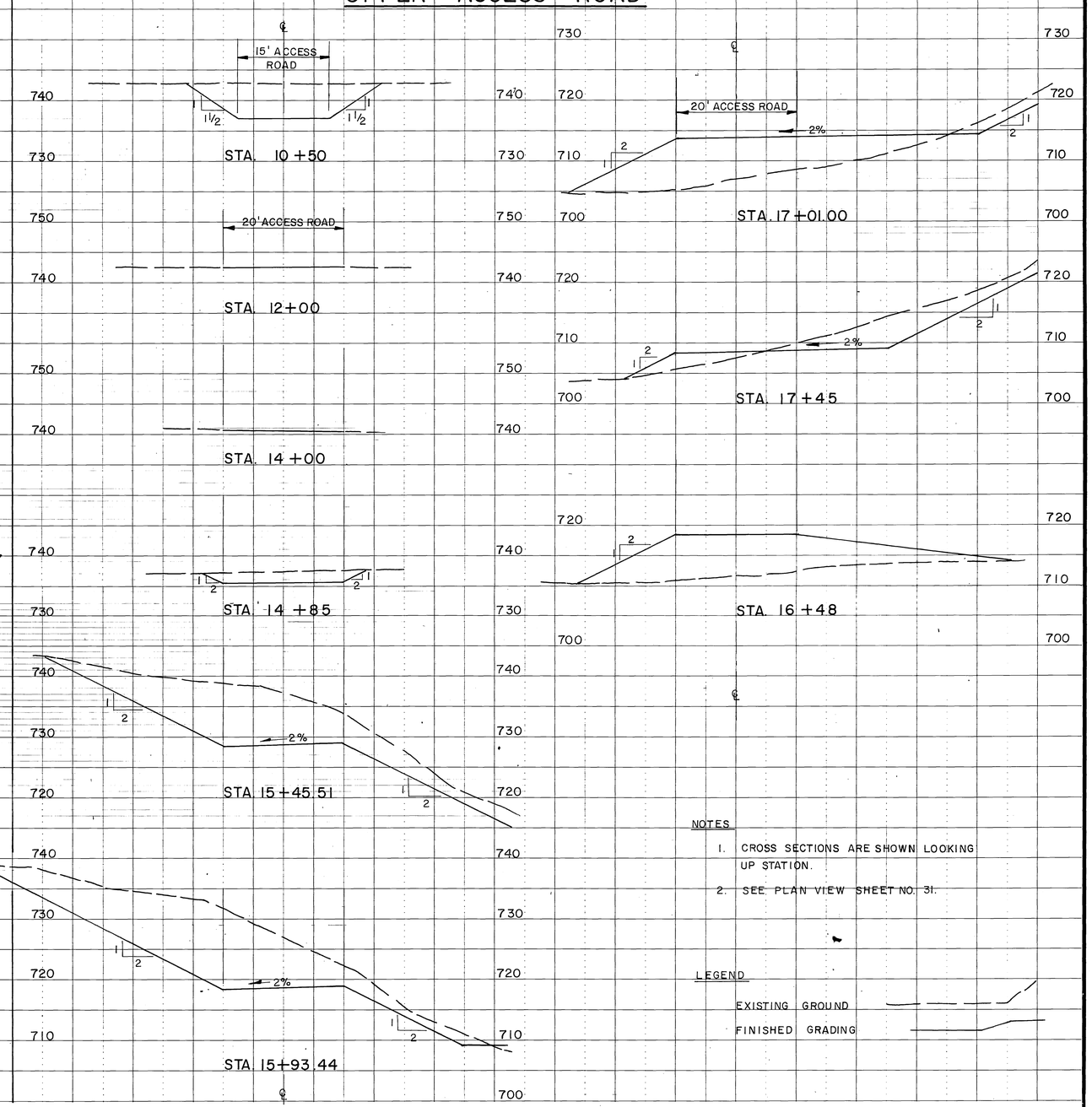
ANZA CHANNEL
STAGE I
HOLE DAM ACCESS ROADS
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO. 1-0-150
DRAWING NO. 1-302
SHEET NO. 31 OF 78

LOWER ACCESS ROAD



UPPER ACCESS ROAD



NOTES

1. CROSS SECTIONS ARE SHOWN LOOKING UP STATION.
2. SEE PLAN VIEW SHEET NO. 31.

LEGEND

EXISTING GROUND

FINISHED GRADING

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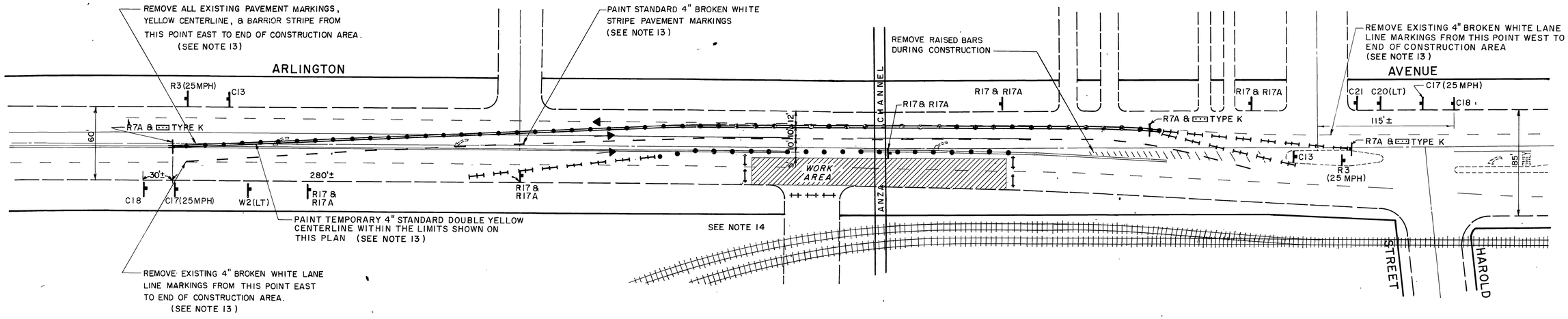
10' 5' 0 10'

BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	ANZA CHANNEL	PROJECT NO. 1-0-150
SCALE:	No Change	DESIGNED BY: AGK / DRAWN BY: C. Hardy / DATE DRAWN: / CHECKED BY:	STAGE I	DRAWING NO. 1-302
DATE:	REF / DESCRIPTION / APPR / DATE	APPROVED BY: Joseph W. Bigler CHIEF ENGINEER R.E. NO 8822 / DATE 3-5-72	ACCESS ROAD CROSS SECTIONS	SHEET NO. 32 OF 78
			1970 STORM DRAIN BOND ISSUE PROJECT NO. 18	

AS BUILT



PEAK TRAFFIC PERIODS (ARLINGTON AVE.)

DIRECTION	PERIOD	TRAFFIC VOLUME (V.P.H.)
EB	7^{15}-8^{15} AM	820
EB	3^{30}-4^{30} PM	1100
WB	11^{30}-12^{30} PM	620
WB	4^{45}-5^{45} PM	910

LEGEND

- ● ● ● TRAFFIC DELINEATORS OR CONES.
- STANDARD TYPE III BARRICADES WITH FLASHERS
- STANDARD TYPE II BARRICADES WITH FLASHERS
- NEW STRIPING
- EXISTING STRIPING
- SIGN & POST

NOTES

1. ALL WARNING SIGNS, DELINEATORS AND BARRICADES USED DURING NIGHTIME CONDITIONS SHALL BE REFLECTORIZED, INTERNALLY ILLUMINATED OR FLASHER EQUIPPED.
2. ALL CONSTRUCTION SIGNS, DELINEATORS ETC., USED DURING CONSTRUCTION SHALL CONFORM TO THE "MANUAL OF WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAYS"- ISSUED BY THE CALIFORNIA DEPT. OF TRANSPORTATION, 1973
3. DELINEATORS, CONES OR FLASHER BARRICADES SHALL BE PLACED 15' APART UNLESS OTHERWISE SHOWN ON THIS PLAN
4. ALL REGULATORY AND WARNING SIGNS HEREIN ARE AS REFERRED TO IN THE 1971 STATE OF CALIFORNIA TRAFFIC MANUAL, CHAPTER 4.
5. TWO LANES OF EASTBOUND TRAFFIC AND ONE LANE OF WESTBOUND TRAFFIC MUST BE MAINTAINED BETWEEN THE HOURS OF 6:30 A.M. TO 8:30 A.M. AND 3:30 P.M. TO 6:00 P.M.
6. ALL BARRICADES HEREIN ARE STANDARD TYPE II & III FLASHER EQUIPPED.
7. TRAFFIC DELINEATORS SHALL NOT EXCEED 18" IN ANY HORIZONTAL DIMENSION (INCLUDING THE BASE).
8. ON-STREET PARKING WITHIN THE CONSTRUCTION AREA SHALL BE PROHIBITED
9. LEFT TURNS FROM ARLINGTON AVE., WITHIN THE CONSTRUCTION AREA, SHALL BE PROHIBITED AT ALL TIMES, EXCEPT WHERE NOTED ON THIS PLAN.
10. THERE SHALL BE A MINIMUM OF 5 FEET OF CLEARANCE BETWEEN THE TRAVELWAY AND AN OPEN TRENCH.
11. THE LOCATION OF THESE CONSTRUCTION SIGNS ARE ONLY APPROXIMATE AND, THE EXACT LOCATION WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
12. FLASHERS ARE TO BE MAINTAINED IN WORKING ORDER.
13. REMOVE ALL TEMPORARY STRIPING AT COMPLETION OF PROJECT COORDINATE WITH PUBLIC SERVICE, STREET MAINTENANCE DIVISION, (787-7251) FOR REPLACEMENT OF STRIPING.
14. COORDINATE BLOCKING OF PARKING ENTRANCE WITH ROHR CORPORATION REGARDING POSSIBILITY OF OPENING WESTERLY ENTRANCE TEMPORARILY.

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PLAN
1" = 40'
40' 0 40'

BENCH MARK	ALDERMAN SWIFT & LEWIS CONSULTING ENGINEERS	APPROVED BY	REVISIONS
SCALE		DATE	REF / DESCRIPTION / APPR / DATE
DATE		REGISTERED CIVIL ENGINEER NO. 11543	

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY I.L.C.
DRAWN BY A W S
DATE DRAWN OCT. 1973
CHECKED BY W.D.L. I.L.C.
APPROVED BY — CHIEF ENGINEER R.E. NO 8822
DATE 3-4-74

ANZA CHANNEL
STAGE I
ARLINGTON AVENUE
TRAFFIC PLAN
1970 STORM DRAIN BOND ISSUE PROJECT NO. 18

PROJECT NO 1-0-150
DRAWING NO 1-302
SHEET NO 33 OF 78

AS BUILT