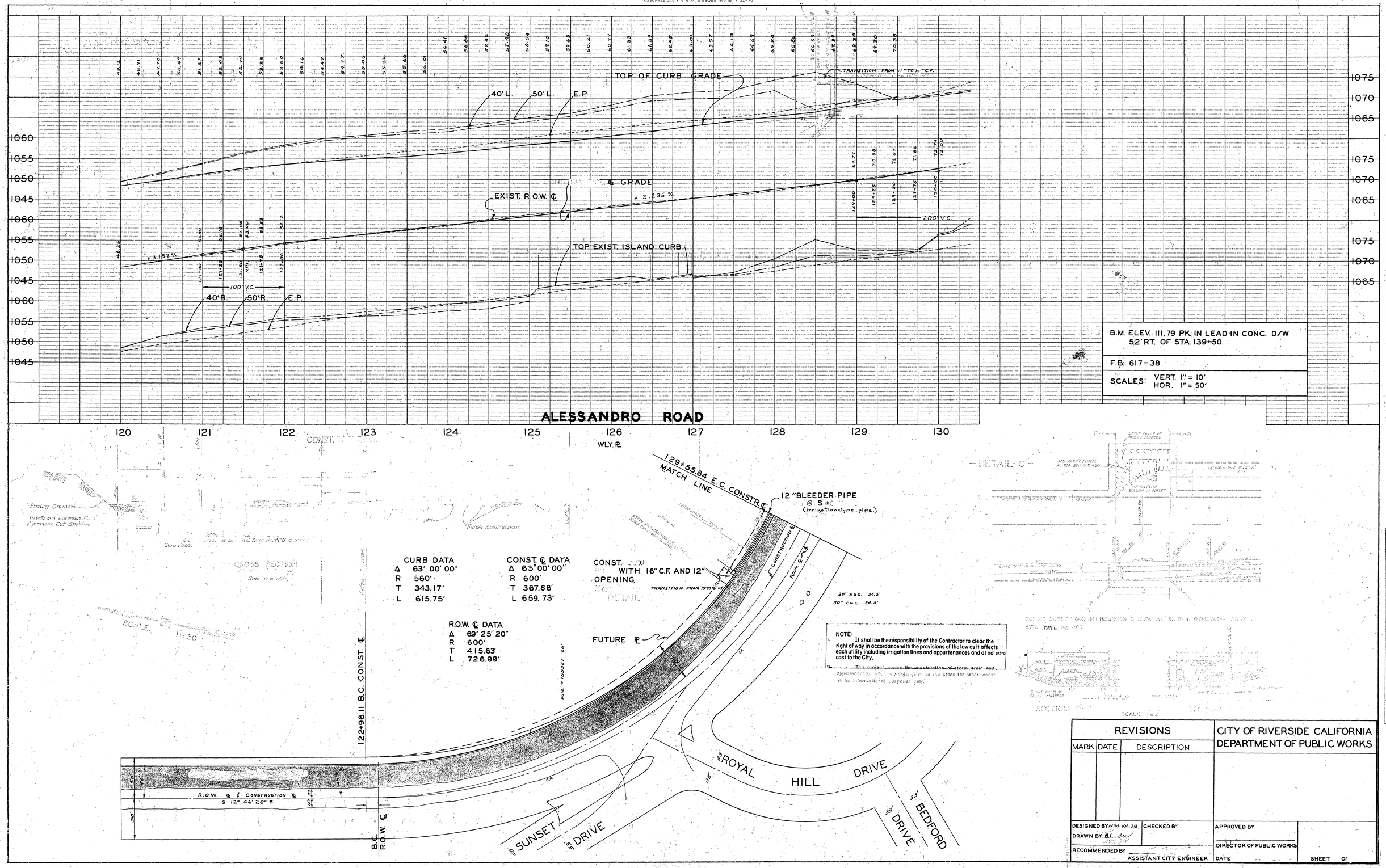


B.M. ELEV. 111.79 PK. IN LEAD IN CONC. D/W 52' RT. OF STA. 139+50.

F.B. 617-38

SCALES: VERT. 1" = 10'
HOR. 1" = 50'

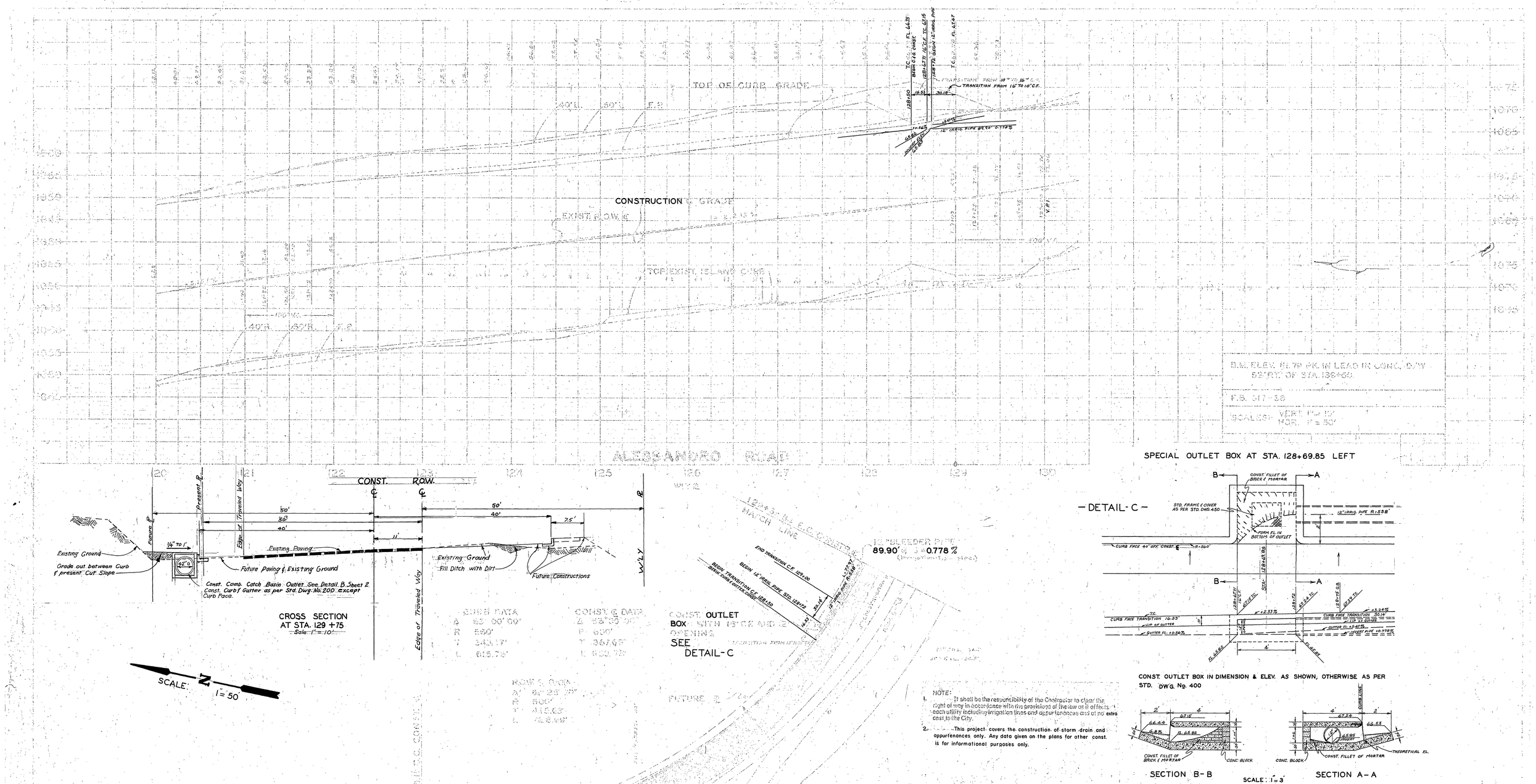
NOTE:
1. It shall be the responsibility of the Contractor to clear the right of way in accordance with the provisions of the law as it affects each utility including irrigation lines and appurtenances and at no extra cost to the City.
2. This project covers the construction of storm drain and appurtenances only. Any data given on the plans for other const. is for informational purposes only.

REVISIONS			CITY OF RIVERSIDE CALIFORNIA DEPARTMENT OF PUBLIC WORKS
MARK	DATE	DESCRIPTION	

DESIGNED BY WDG. VH. JB. CHECKED BY
DRAWN BY B.L. Cu
RECOMMENDED BY ASSISTANT CITY ENGINEER
APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE
SHEET OF

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CH'KD.
NOTE BOOK NO.
BY
DATE

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK NO.
BY
DATE



NOTE:

1. It shall be the responsibility of the Contractor to clear the right of way in accordance with the provisions of the law as it affects each utility including irrigation lines and appurtenances and at no extra cost to the City.
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REVISIONS		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
MARK	DATE	DESCRIPTION

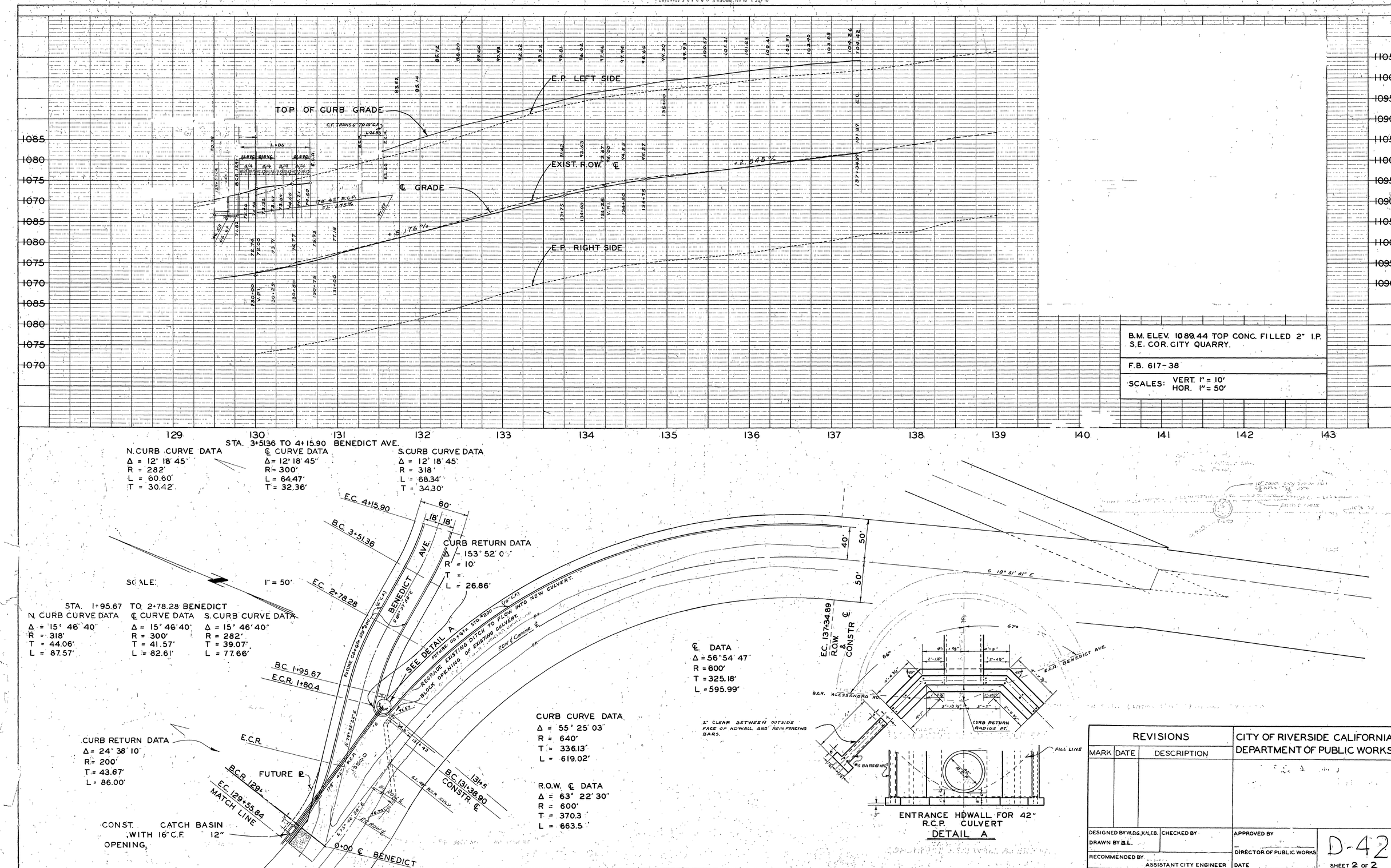
ALESSANDRO
STORM DRAIN
AT
BENEDICT AVE.

R.M. JEW

Jan 20, 1960

D-42

INDEXED



REVISIONS			CITY OF RIVERSIDE CALIFORNIA DEPARTMENT OF PUBLIC WORKS
MARK	DATE	DESCRIPTION	
DESIGNED BY W.D.G., V.H., T.B. DRAWN BY B.L.	CHECKED BY		APPROVED BY
RECOMMENDED BY ASSISTANT CITY ENGINEER			DIRECTOR OF PUBLIC WORKS DATE

D-42

SHEET 2 OF 2

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHKD.
NOTE BOOK
NO.
BY
DATE

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE

TOP OF CURB GRADE
CONSTRUCTION ℄ GRADE
E.P. LEFT SIDE
EXIST. R.O.W. ℄
E.P. RIGHT SIDE
TRAN. FROM 10" TO 16" C.F. F.L. +2.01% IN 17.38'
TRAN. FROM 16" TO 6" C.F. F.L. +7.9% IN 24.50'
12" IRRIG. PIPE
0.778
+5.178%
129+50.58 E.C. T.C. 70.65 FL 69.66
FL 69.55 10" C.F.
129+79.77 END 12" IRRIG. PIPE
129+76.77 BEG. 42" R.C.P.
TC 71.67 16" C.F. FL 70.34
129 130 131 132 133 134 135 136 137 138 139 140 141 142 143
STA. 3+51.38 TO 4+15.90 BENEDICT AVE.
N. CURB CURVE DATA
Δ = 12° 18' 45"
R = 282'
L = 60.60'
T = 30.42'
℄ CURVE DATA
Δ = 12° 18' 45"
R = 300'
L = 64.47'
T = 32.36'
S. CURB CURVE DATA
Δ = 12° 18' 45"
R = 318'
L = 68.34'
T = 34.30'
SCALE 1"=3'
CONSTR. COMB. CATCH BASIN & OUTLET IN DIMENSION AND ELEVATIONS AS SHOWN, OTHERWISE AS PER. STD. DWG. NO. 400.
DETAIL B
STD. FRAME & COVER AS PER. STD. DWG. #450
12" IRRIG. PIPE
9.00'
2.00'
5.20' (N.T.S.)
2.50' (N.T.S.)
42" R.C.P. 1350-D
S 78° 06' 31" E
129+79.77 B.C.R. END C&G CONSTR.
R=200'
S 75° 46' 28" E
LINE OF CURB FACE 40' OFF CONSTRUCTION ℄
LIP OF GUTTER
129+67.77
129+76.77 16" C.F.
129+79.77 B.C.R.
71.23
71.67
71.82
+6.018%
TOP OF CURB
CURB FACE TRANSITION 17.38'
LIP OF GUTTER
GUTTER F.L.
+2.09
CURB FACE TRANSITION 24.50'
+7.9%
69.90
70.34 FL GUTT.
9'
42" R.C.P. 1350-D
12" IRRIG PIPE FL 0.778%
FL +2.75%
66.65
66.67
B.M. ELEV. 1089.44 TOP CONC. FILLED 2" I.P. S.E. COR. CITY QUARRY.
F.B. 517-30
SCALES: VERT. 1" = 10' HOR. 1" = 50'
SECTION C-C
9' OFF ℄ BENEDICT AVE.
SCALE 1"=10'
10" COVER OVER TOP OF PIPE 2½" P.M.S. & 7½" I.B.M.
EXISTING PAVING
42"
0+90
FL 68.95
1070.00
GLENHAVEN AVE.
CURB RETURN DATA
Δ = 153° 52' 09"
R = 10'
T = 43.08'
L = 26.86'
E.C. 4+15.90
B.C. 3+51.38
E.C. 2+78.28
STA. 1+95.67 TO 2+78.28 BENEDICT
℄ CURVE DATA
Δ = 15° 46' 40"
R = 300'
T = 41.57'
L = 82.61'
S. CURB CURVE DATA
Δ = 15° 46' 40"
R = 282'
T = 39.07'
L = 77.66'
B.C. 1+95.67
E.C.R. 1+80.47
SEE SECTION C-C
E.C.R. 1+00.38
FUTURE ℄
END C&G CONSTR.
79.77
SEE DETAIL A
WITH CONCRETE BLOCK & MORTAR BULKHEAD
S 78° 06' 31" E
hump
S 82° 11' 48" E 42.83'
9'
C
C
34.56
CONSTR. COMB. CATCH BASIN AND OUTLET WITH 16" C.F. AND 12" OPENING, OUTSIDE DIMENSIONS 10' X 5.2'
SEE DETAIL B
129+80.14 ALESS.
Fill ditch with dirt and compact
℄ DATA
Δ = 55° 54' 47"
R = 600'
T = 325.18'
L = 586.99'
CURB CURVE DATA
Δ = 55° 25' 03"
R = 640'
T = 336.18'
L = 619.02'
R.O.W. ℄ DATA
Δ = 63° 22' 30"
R = 600'
T = 370.39
L = 663.66
N 78° 06' 31" W
N 15° 43' 13" E
S 10° 24' 38" E
7' 3⅞" N.T.S.
ELEV. 1077.15
21"
INVERT ELEV. 1071.57
ELEV. 1070.09
ENTRANCE HDWALL FOR 42" R.C.P. CULVERT
DETAIL A
SCALE 1" = 4'
CONSTRUCT HEADWALL AS SHOWN
NOTE: Place groove end of R.C.P. flush with face of headwall
REVISIONS
MARK DATE DESCRIPTION
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
ALESSANDRO STORM DRAIN AT BENEDICT AVE.
CHECKED BY wdg
A.R. Theal
Jan 20, 1960
D-42
SHEET 2 OF 2