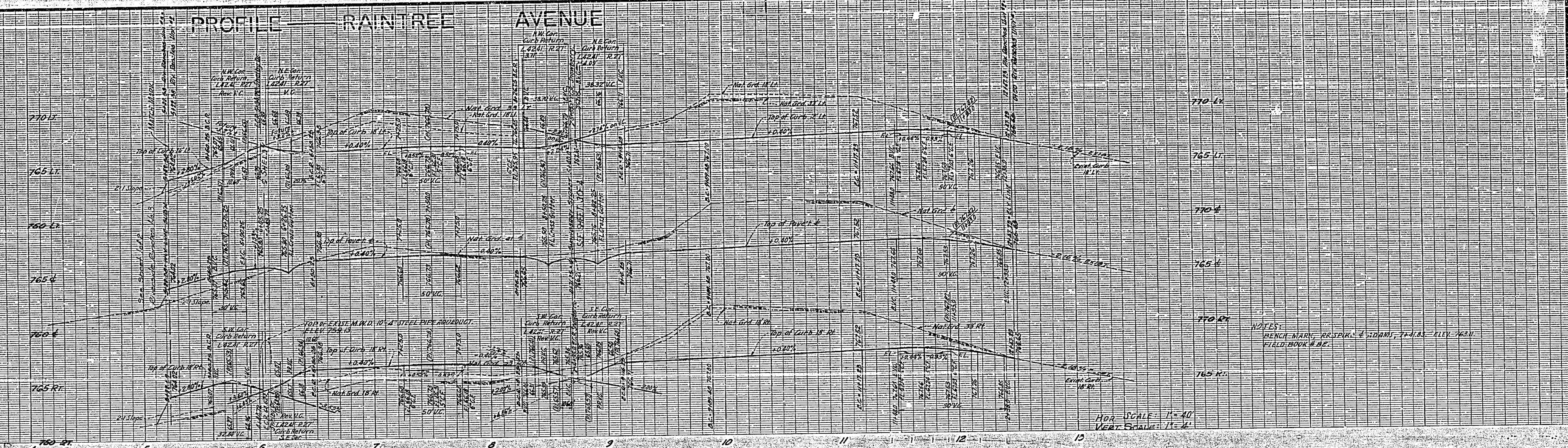


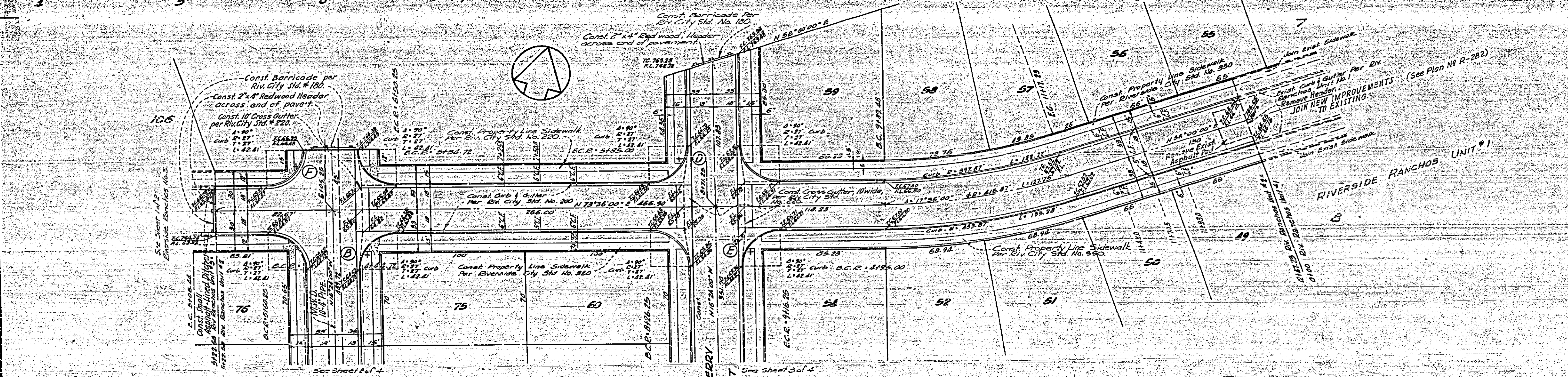
MADE IN NEW YORK BY HOLLOWAY ENGINEERING CO. INC. 215 W. 42ND ST. N.Y.C. 36

MADE IN NEW YORK BY HOLLOWAY ENGINEERING CO. INC. 215 W. 42ND ST. N.Y.C. 36



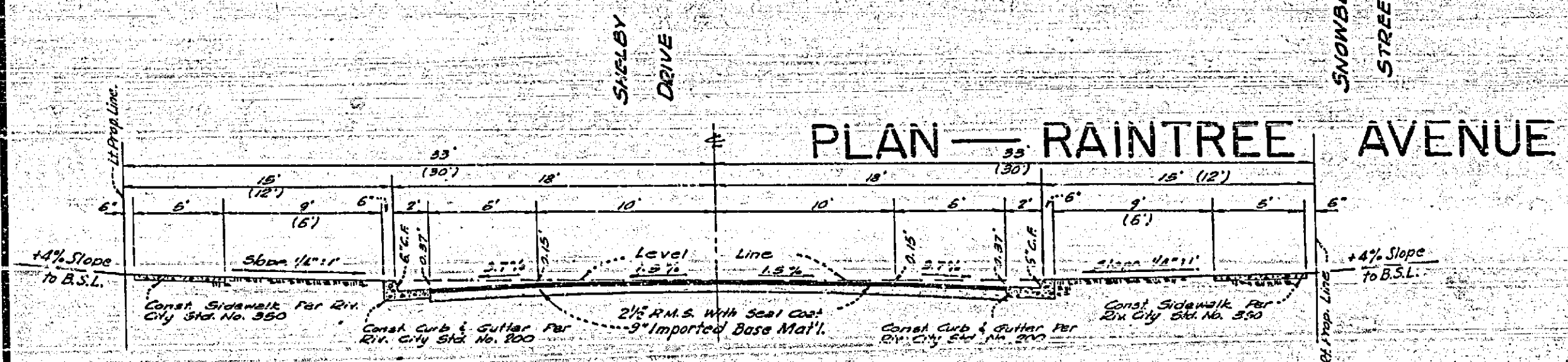
NOTES:
BENCH MARK: RR SPIKE & SIGN, 744.85 ELEV. 76.11
FIELD BOOK # 02.

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



ESTIMATE OF QUANTITIES

CURB & GUTTER	4,515 LIN. FT.
CROSS GUTTER	2,724 SQ. FT.
SIDEWALK	4,425 LIN. FT.
CATCH BASINS	4 EA.
15" R.C. PIPE, CLASS 13500	136 LIN. FT.
21" R.C. PIPE, " 2500 D	63 "
24" CONC. IRRIG. PIPE	141 "
2" x 4" REDWOOD HEADERS	212 "
BASE MATERIAL, 9" THICK	2,147 CU. YDS.
PLANT-MIX PAVEMENT	1,177 TONS. (77,320 SQ. FT. @ 2 1/2")
STREET EXCAVATION	8,174 CU. YDS.
STREET FILL	1,816 "
BARRICADES	5 EA.



TYPICAL SECTION THRU SHELBY DRIVE, SNOWBERRY ST.,
BASSWOOD AVENUE, AND RAIN TREE AVENUE. SCALE: 1"=8"

NOTE: These distances shown in parentheses apply only to that portion of Raintree Avenue lying Westward of Shelby Drive.

NOTE: If subdividers desire to reduce requirements on import base material, additional soil tests may be taken at subdividers expense, after streets are prepared to rough grade. Subdivider will contact Inspection Division, City of Riverside, before taking tests. The City of Riverside will make a test of base material in place before paving can be installed, results of this test must indicate that the base material is satisfactory to the Inspection Division.

STREET NAME SIGN SCHEDULE

LOCN.	STREET NAME	BLOCK NO.	COR.
A	SHELBY DRIVE	4300	N.W.
B	RAIN TREE AVE	4300	S.E.
C	SNOWBERRY ST.	4300	N.E.
D	RAIN TREE AVE	4300	N.W.
E	RAIN TREE AVE	4300	S.E.
F	RAIN TREE AVE	4300	N.W.

Street name signs and posts to be furnished and installed by the Subdivider as per City of Riverside specifications and std. # 62.

MAXWELL SURVEYING
LS 2788

APPROVED BY: [Signature] DATE: 2-11-60

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

RIVERSIDE RANCHOS NO. 2
STREET PLANS & PROFILES
RAIN TREE AVE.

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

APPROVED BY: [Signature]
DIRECTOR OF PUBLIC WORKS

NO. R-358

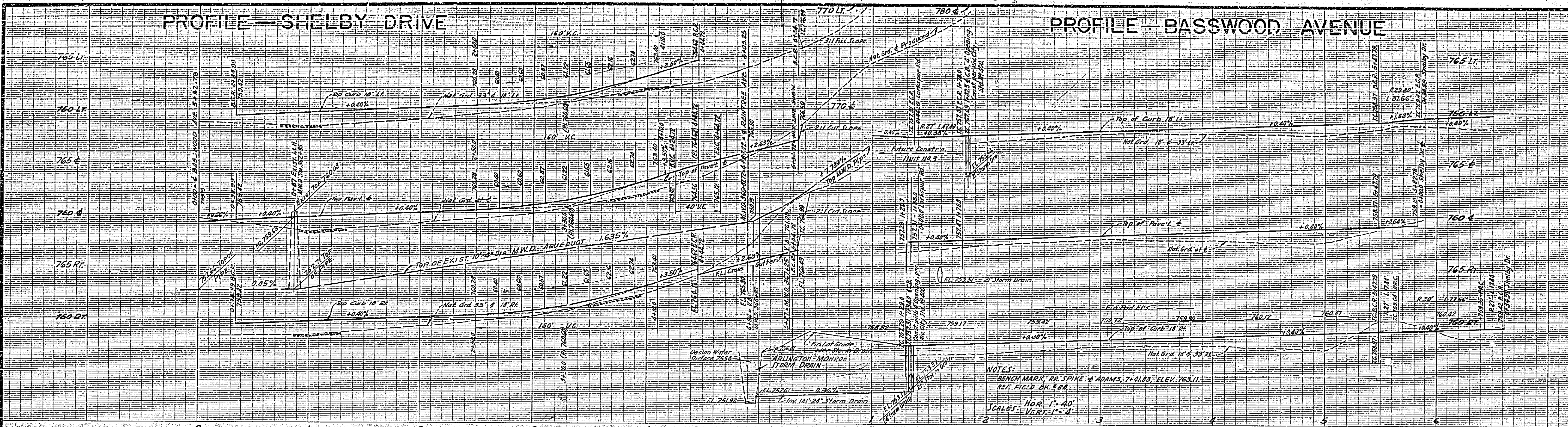
DATE: 2-11-60 SHEET 1 OF 4

REVISIONS

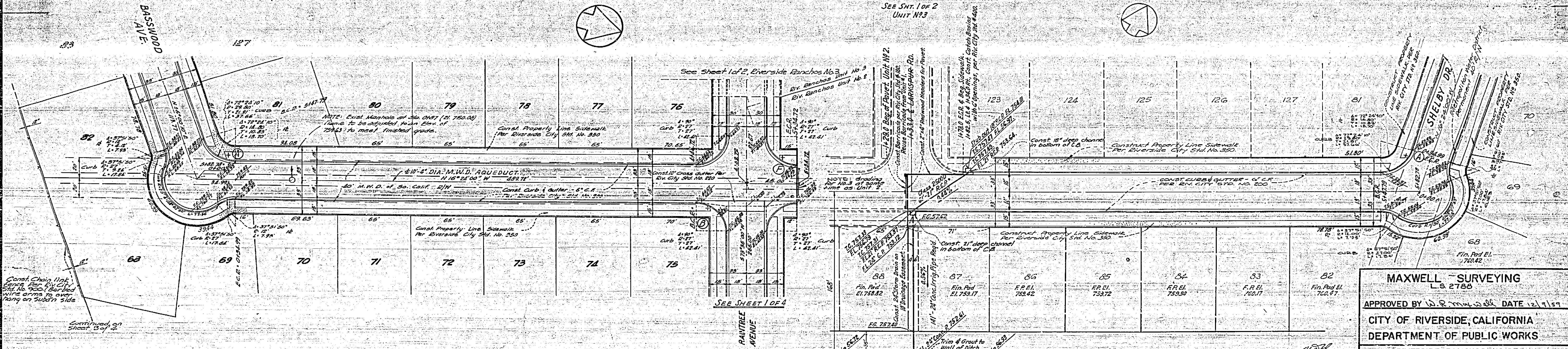
NO.	DESCRIPTION

PROFILE - SHELBY DRIVE

PROFILE - BASSWOOD AVENUE



NOTES:
 BENCH MARK, RR SPIKE 'A' ADAMS, 71+91.83, ELEV. 763.11.
 REF. FIELD: BK # 8A
 SCALES: HOR. 1" = 40'
 VERT. 1" = 4'

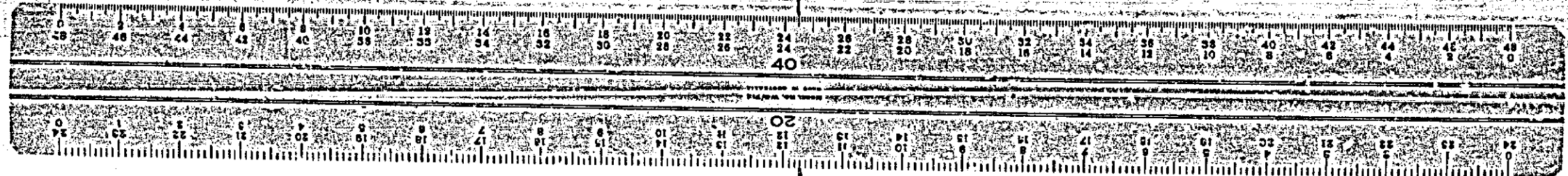


PLAN - SHELBY DRIVE

PLAN - BASSWOOD AVENUE

HYDRAULIC CALCULATIONS FOR BASSWOOD STORM DRAIN
 DRAINAGE AREAS: N.W. C.B. = 10.8 ACS. TOTAL = 14.6 ACS.
 Q @ C1A = .55 x 1.25 x 10.8 = 7.43 CFS.
 .55 x 1.25 x 14.6 = 10.04 CFS.
 MANNING FORMULA: $Q = \frac{1.49}{n} A R^{2/3} S^{1/2}$
 n = .012, A = 1.53, R = 2.35, S = 0.00175, Q = 4.48
 n = .012, A = 1.94, R = 1.63, S = 0.00175, Q = 4.49
 Q = .55 x 2.95 x .0663 = 7.55 CFS. - 18" I.D. Pipe @ 0.44%
 Q = .55 x 2.95 x .0563 = 11.34 CFS. - 20" I.D. Pipe @ 0.11%
 Q = .55 x 2.95 x .0837 = 20.51 CFS.

MAXWELL SURVEYING
 L.S. 2788
 APPROVED BY *[Signature]* DATE 12/1/59
 CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 RIVERSIDE RANCHOS NO. 2
 STREET PLANS AND PROFILES
 SHELBY DRIVE
 BASSWOOD AVE.
 SCALE: HORZ. 1" = 40' VERT. 1" = 4'
 APPROVED BY *[Signature]*
 DIRECTOR OF PUBLIC WORKS
 DATE 3-11-60
 No. R-35.8
 SHEET 2 OF 4

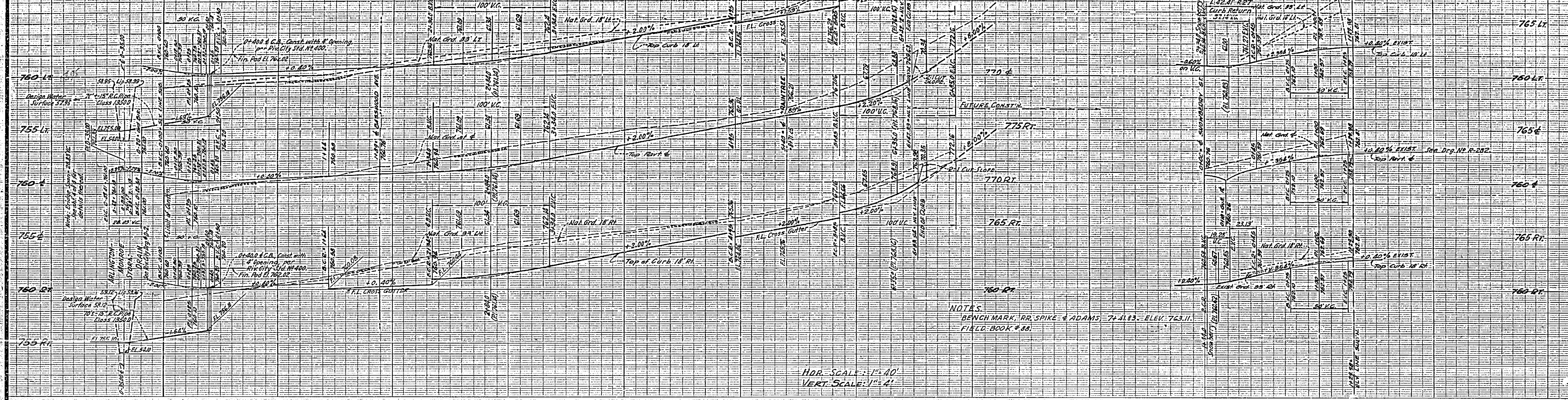


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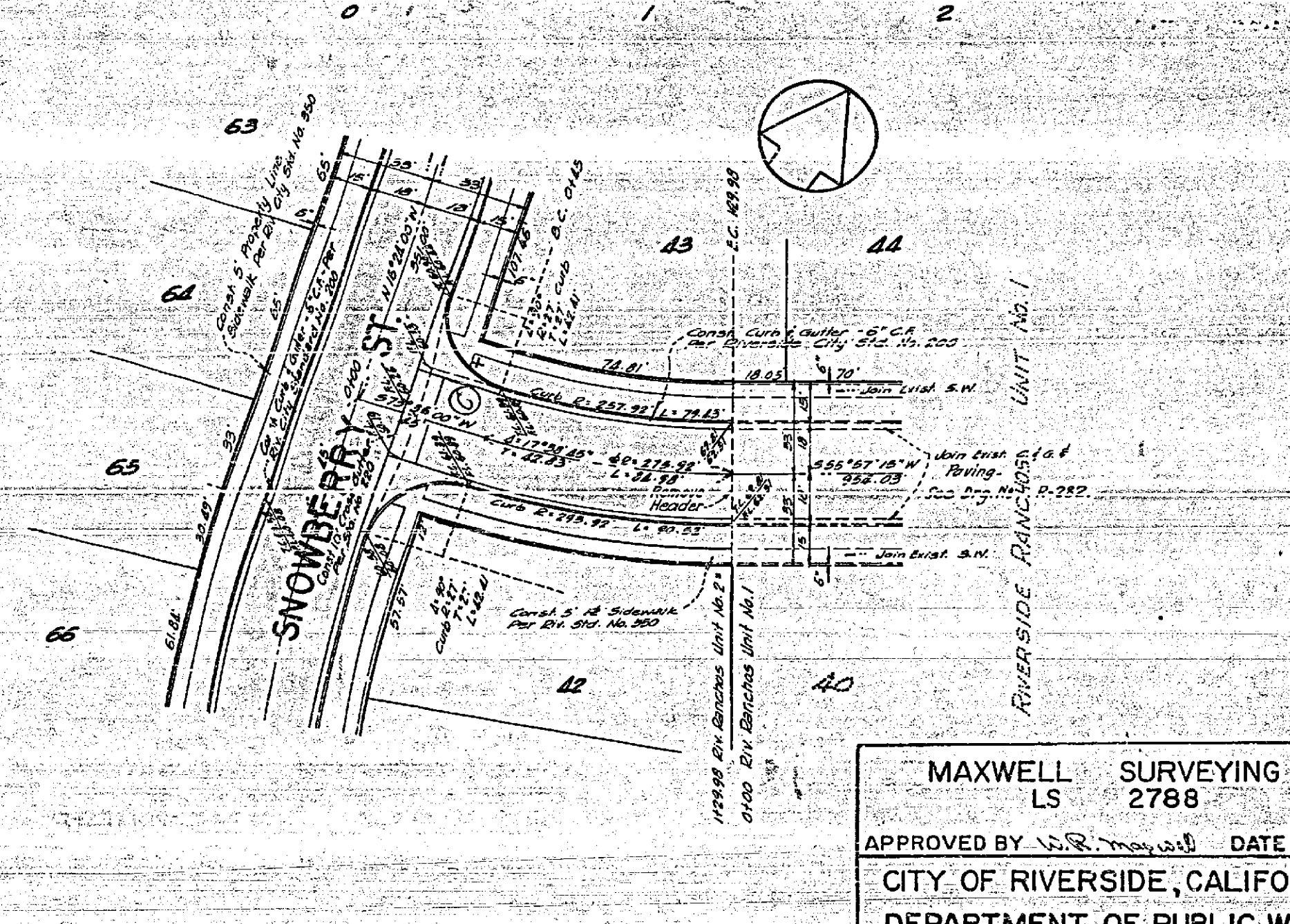
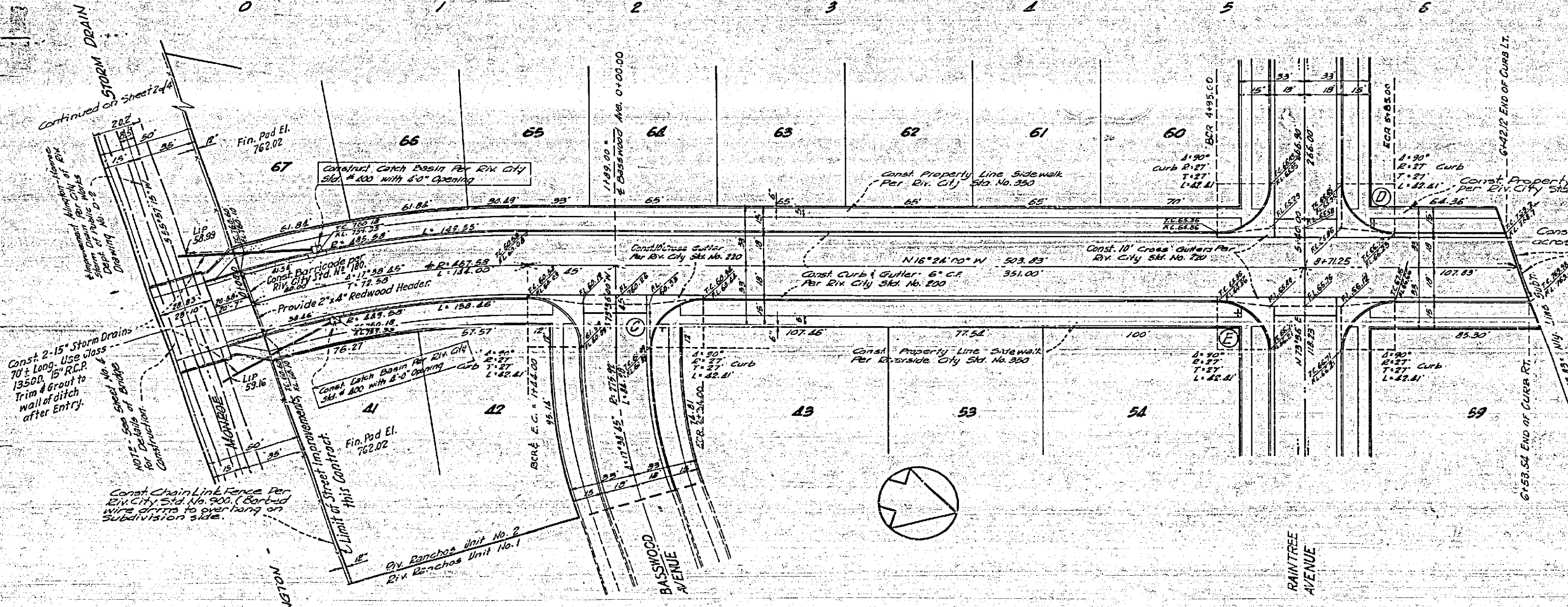
PROFILE - SNOWBERRY STREET

PROFILE - BASSWOOD AVENUE



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

NOTES:
 BENCH MARK, RR SPIKE & ADAMS - 74-1183 - ELEV. 763.11
 FIELD BOOK # 88



HYDRAULIC CALCULATIONS FOR SNOWBERRY
 STORM DRAINS.
 DRAINAGE AREAS, WEST 3.0 AC.
 EAST 5.2 AC.

Q = CIA
 = .55 x 1.25 x 3.0 = 2.07 C.F.S.
 = .55 x 1.25 x 5.2 = 3.59 C.F.S.
 Arlington-Monroe Storm Drain
 24" dia. 15' long, 1" headway
 El. 758.12
 759.65 - 760.65 = 1.0'
 1.58' x 7.0' = 11.06 sq. ft.
 Use 15" I.D. Class 1500
 Reinforced Conc. Pipe.

MANNING FORMULA: $Q = \frac{0.463}{n} d^{8/3} s^{1/2}$
 n = .012
 Q = 1.25 d^{8/3} s^{1/2}
 s = .022 s^{1/2} = .148
 Q = 0.463 x 1.81 x .148
 = 1.034 C.F.S.

PLAN - SNOWBERRY STREET

PLAN - BASSWOOD AVENUE

MAXWELL SURVEYING
 LS 2788

APPROVED BY *[Signature]* DATE 11/1/60

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

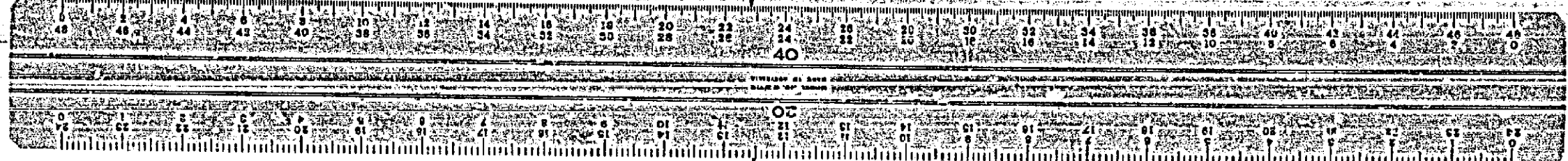
RIVERSIDE RANCHOS, NO. 2
 STREET PLANS & PROFILES
 SNOWBERRY ST.
 BASSWOOD AVE.

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

APPROVED BY *[Signature]*
 DIRECTOR OF PUBLIC WORKS

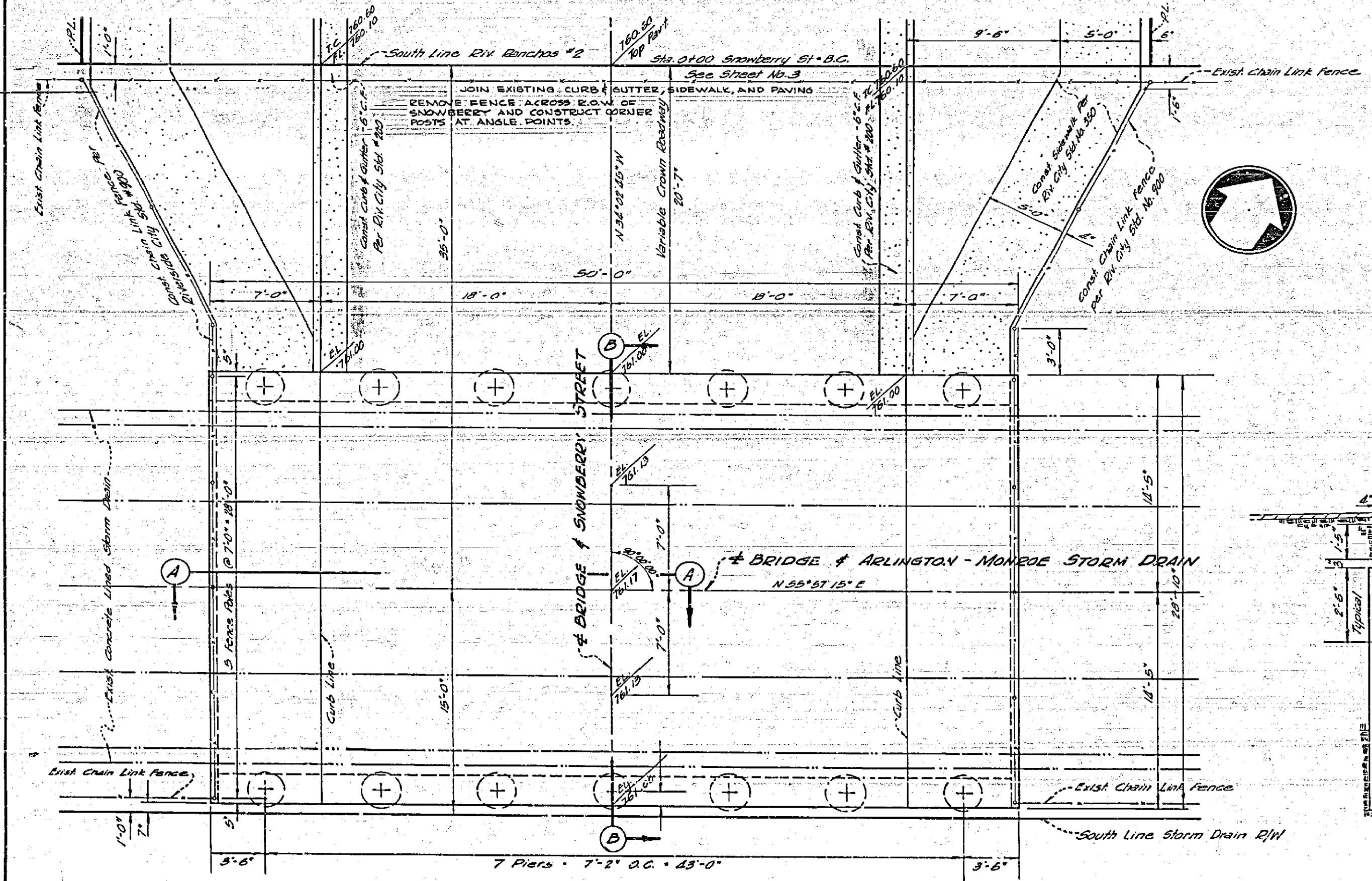
DATE 11-1-60 SHEET 3 OF 4

NO. R-358



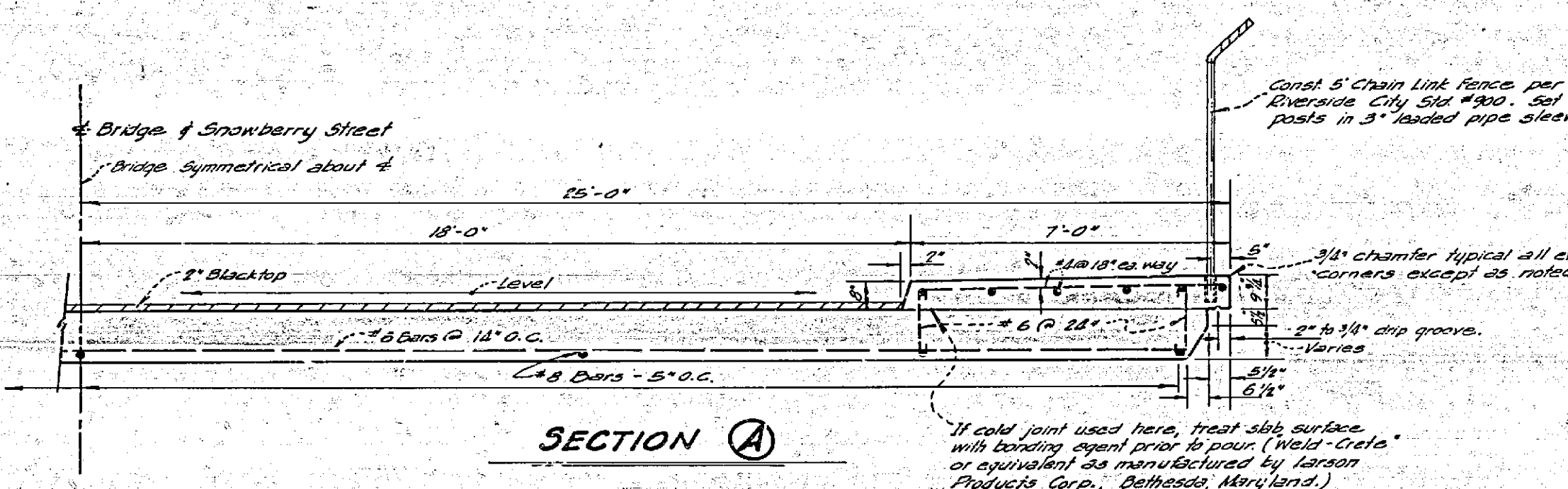
MADE IN U.S.A. BY THE NATIONAL ARCHITECTURAL LETTER FOUNDRY
 14" x 22" BUREAU STYLE V 4 X 50
 14" x 22" BUREAU STYLE V 4 X 50

MADE IN U.S.A. BY THE NATIONAL ARCHITECTURAL LETTER FOUNDRY
 14" x 22" BUREAU STYLE V 4 X 50
 14" x 22" BUREAU STYLE V 4 X 50

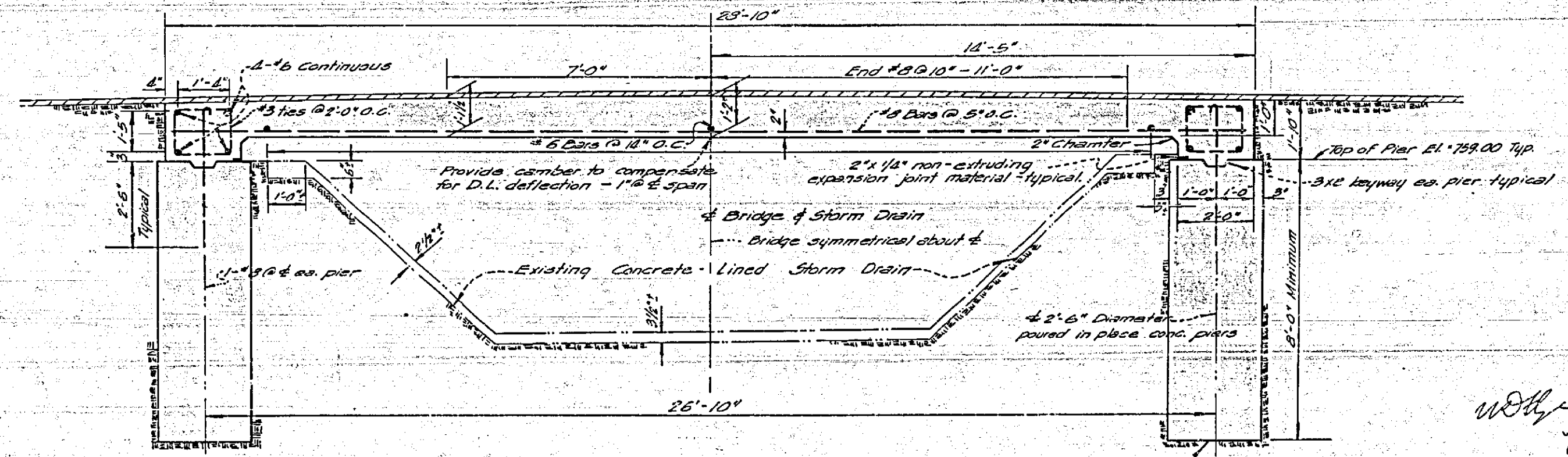


BRIDGE PLAN
 SCALE 3/16" = 1'-0"

Note - See Sheet No. 3 for relation to Snowberry Street



SECTION A



SECTION B
 SCALE 3/8" = 1'-0"

GENERAL NOTES - BRIDGE:

- 1 - All bridge deck and sidewalk concrete shall have a minimum 28 day compressive strength of 3000 psi. Pier concrete - minimum 2000 psi at 28 days.
- 2 - All forms shall be form-grade plywood - sides of bridge shall have uniform architectural finish.
- 3 - Bridge slab shall be poured monolithically. Sidewalks may be poured separately as noted.
- 4 - Existing storm drain must be protected from damage during construction period. All form and shoring loads must be distributed to existing ditch lining in a manner that will not cause overstressing. Contractor will be held responsible for repairing any damage to the satisfaction of the City of Riverside.
- 5 - Ditch cover all concrete minimum of 3 days. Protect with building paper, cotton or burlap.
- 6 - Finish: roadway slab - wood float; sidewalks - architectural; walks - light broom.
- 7 - Reinforcing Steel - 20,000 psi per A.S.T.M. A-305 - use steel chairs throughout.
- 8 - Roadway surfacing - per City of Riverside standards.

BRIDGE DESIGN AND PLANS BY
 WILLIAM G. DRYDEN - CONSULTING ENGINEER
 BY: *William G. Dryden*
 WILLIAM G. DRYDEN C.E. 10754
 671 "D" STREET SAN BERNARDINO, CALIF.

MAXWELL SURVEYING
 L.S. 2763
 APPROVED BY: *W. R. ...* DATE 12-11-60
 CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

RIVERSIDE RANCHOS NO. 2
STREET PLANS & PROFILES
 SNOWBERRY ST. BRIDGE OVER
 ARLINGTON - MONROE STORM DRAIN

APPROVED BY: *W. R. ...*
 DIRECTOR OF PUBLIC WORKS
 DATE 3-11-60
 NO. R-358
 SHEET 4 OF 4