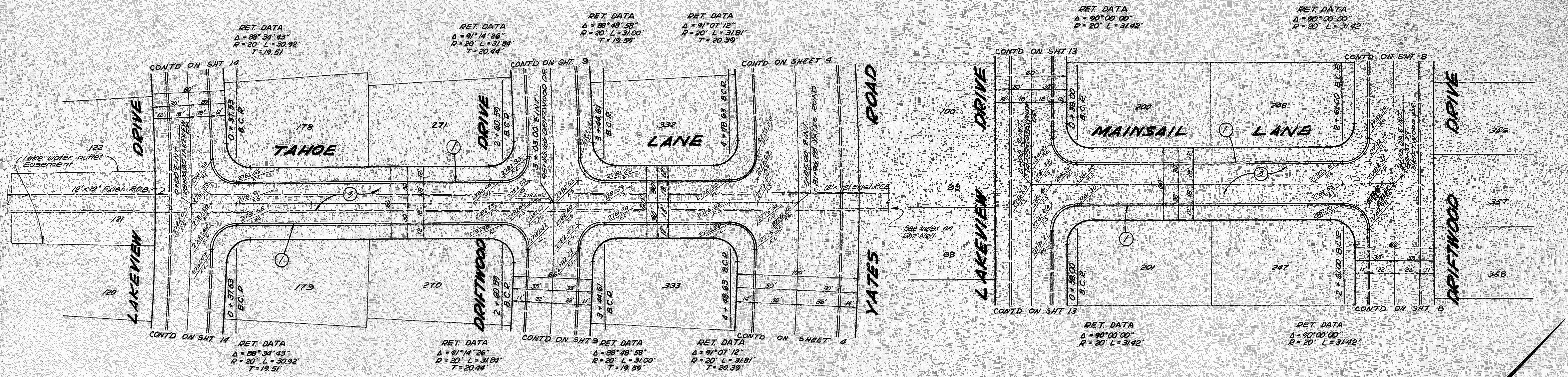
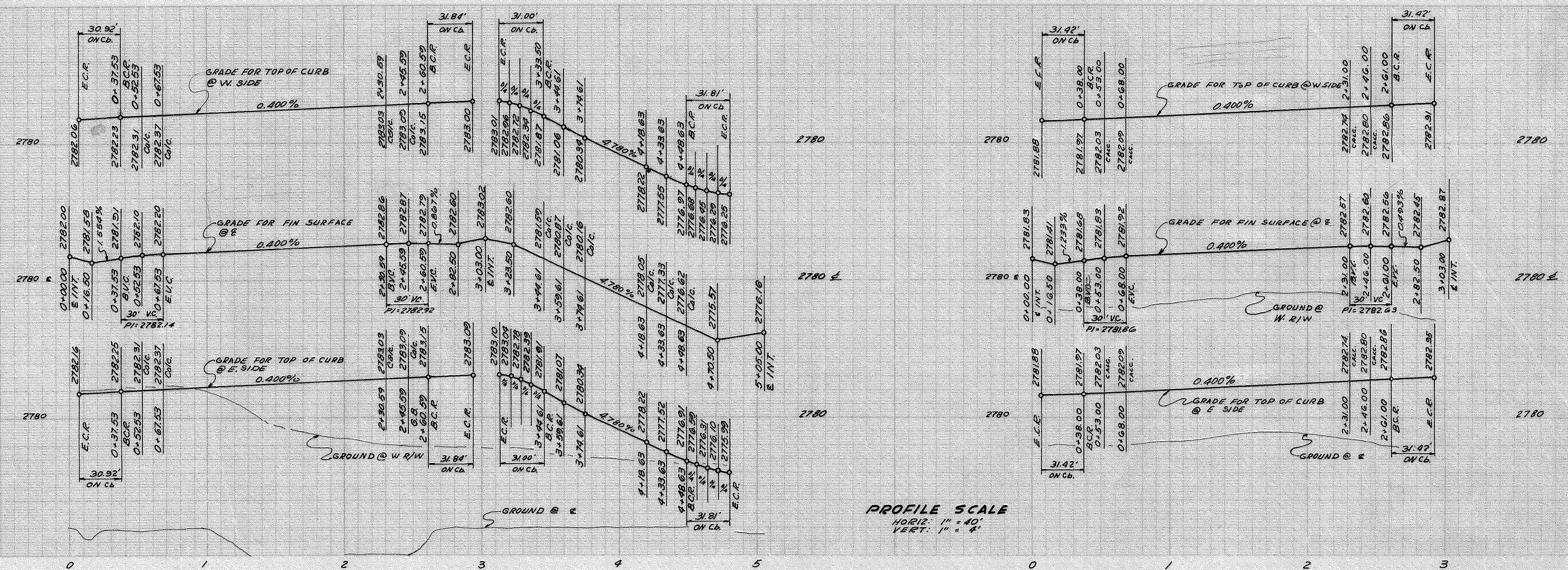
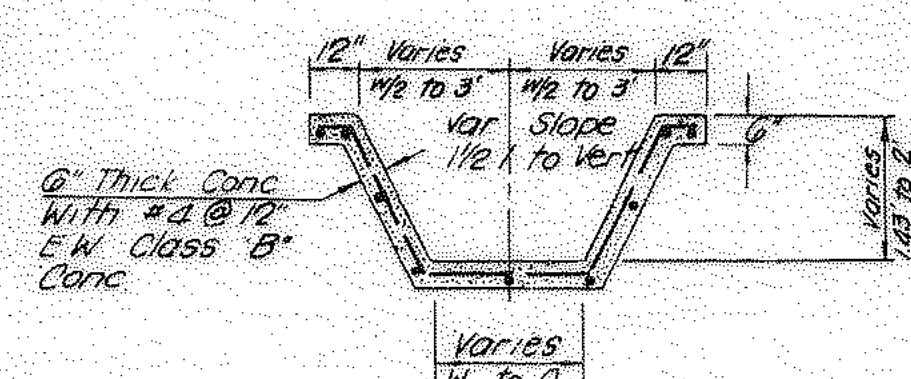
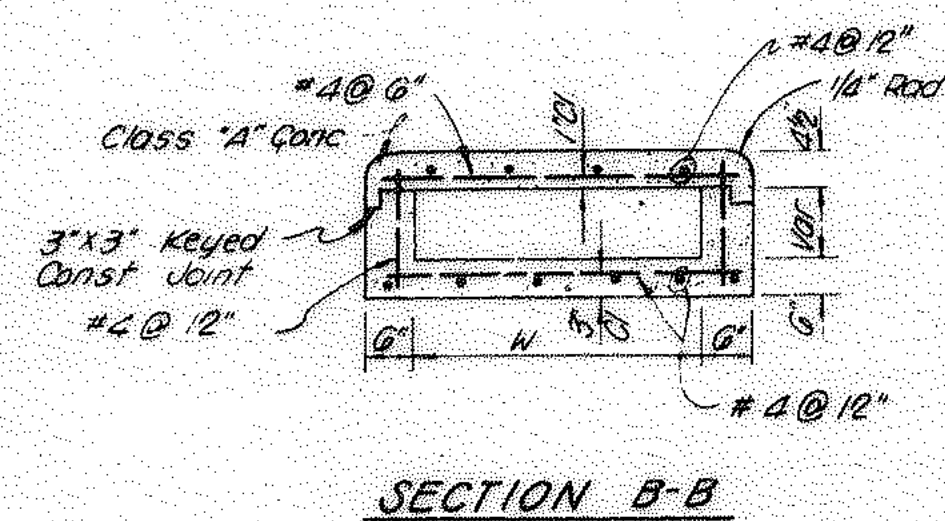
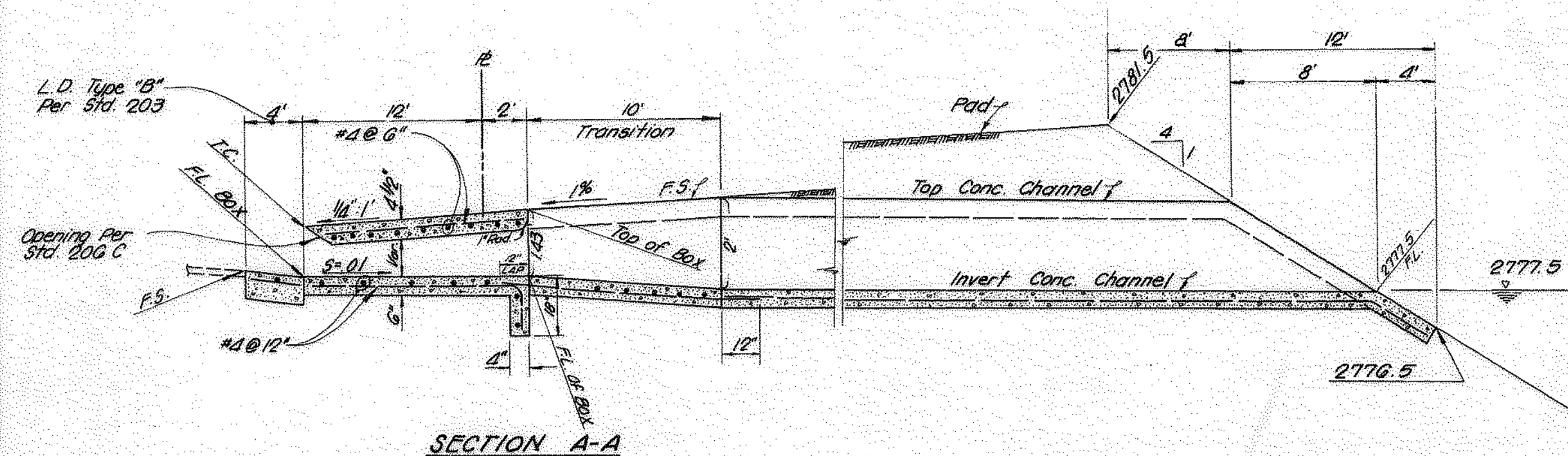
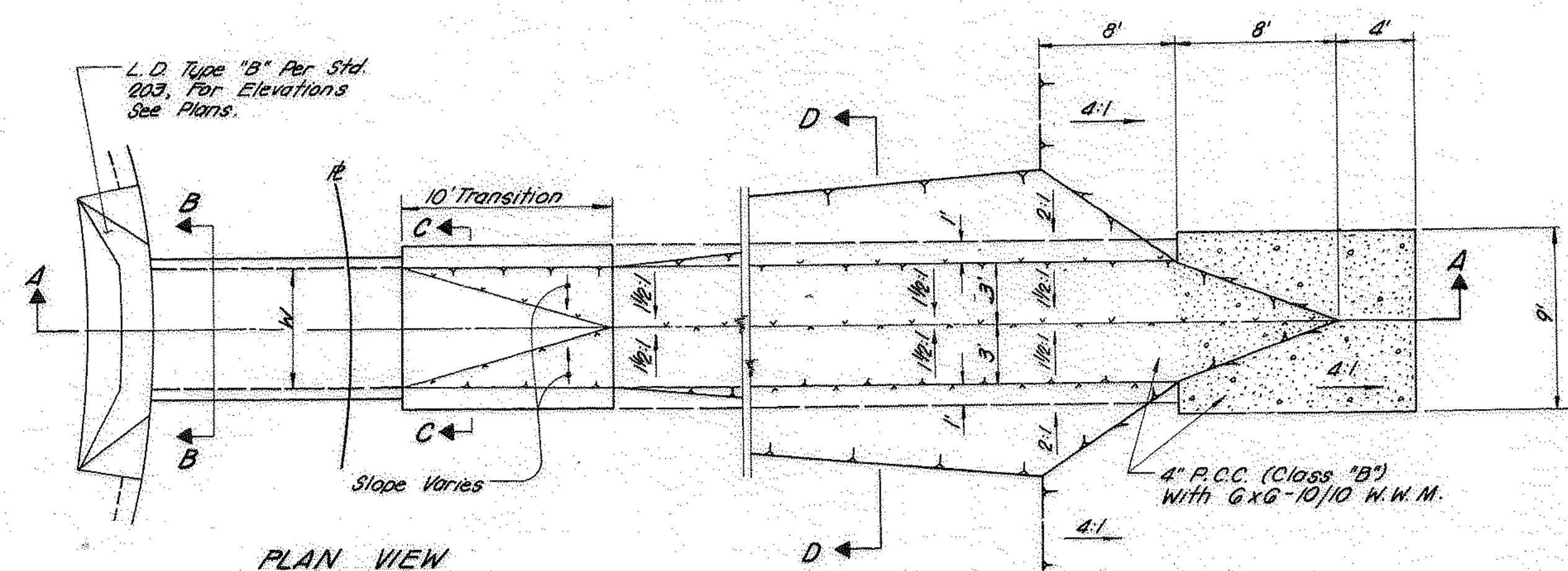
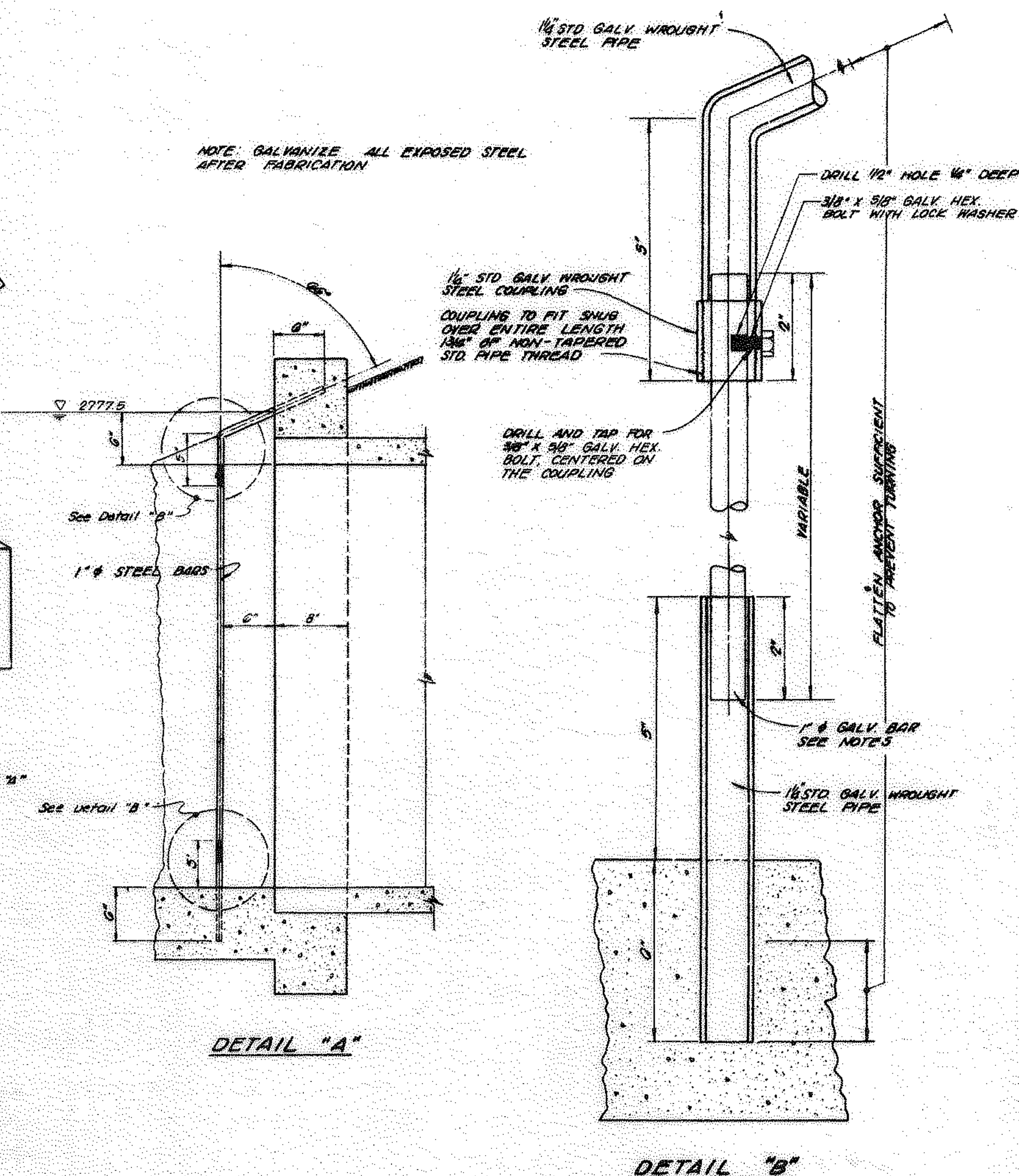
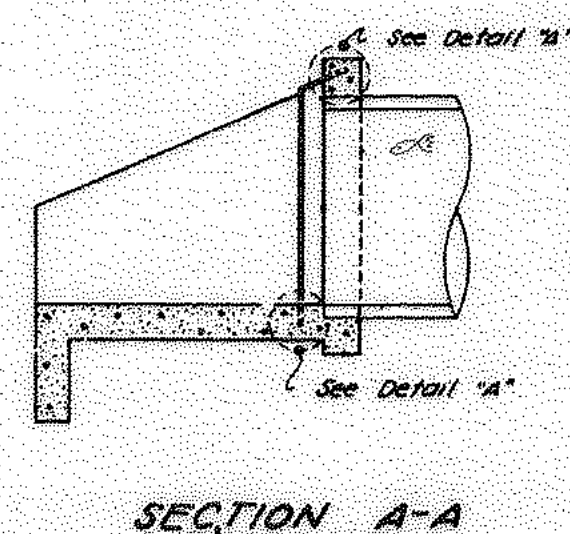
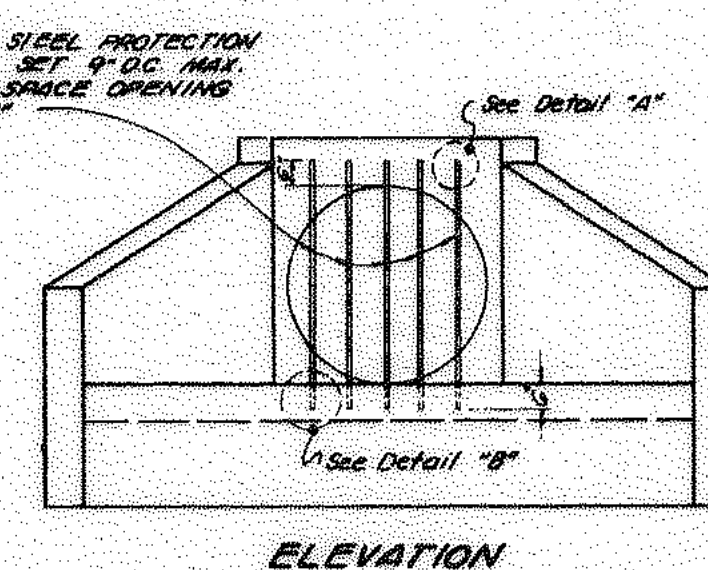
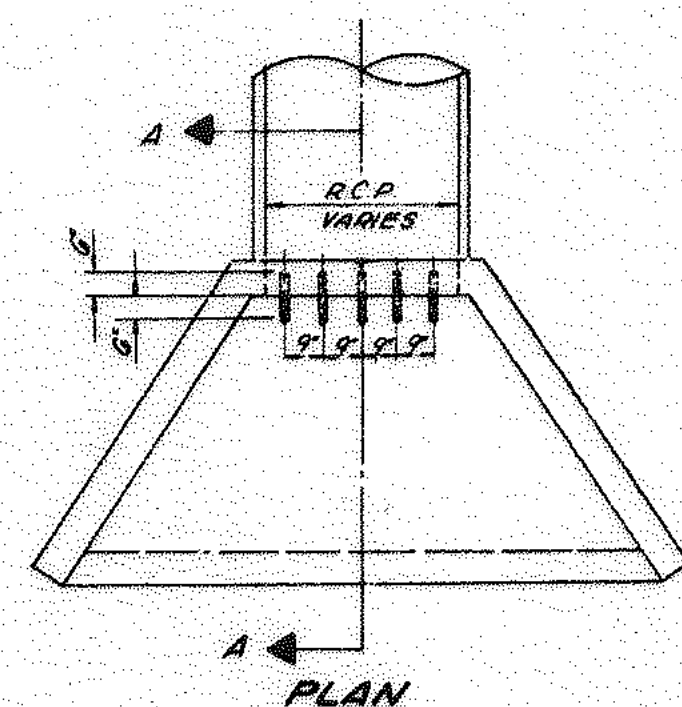
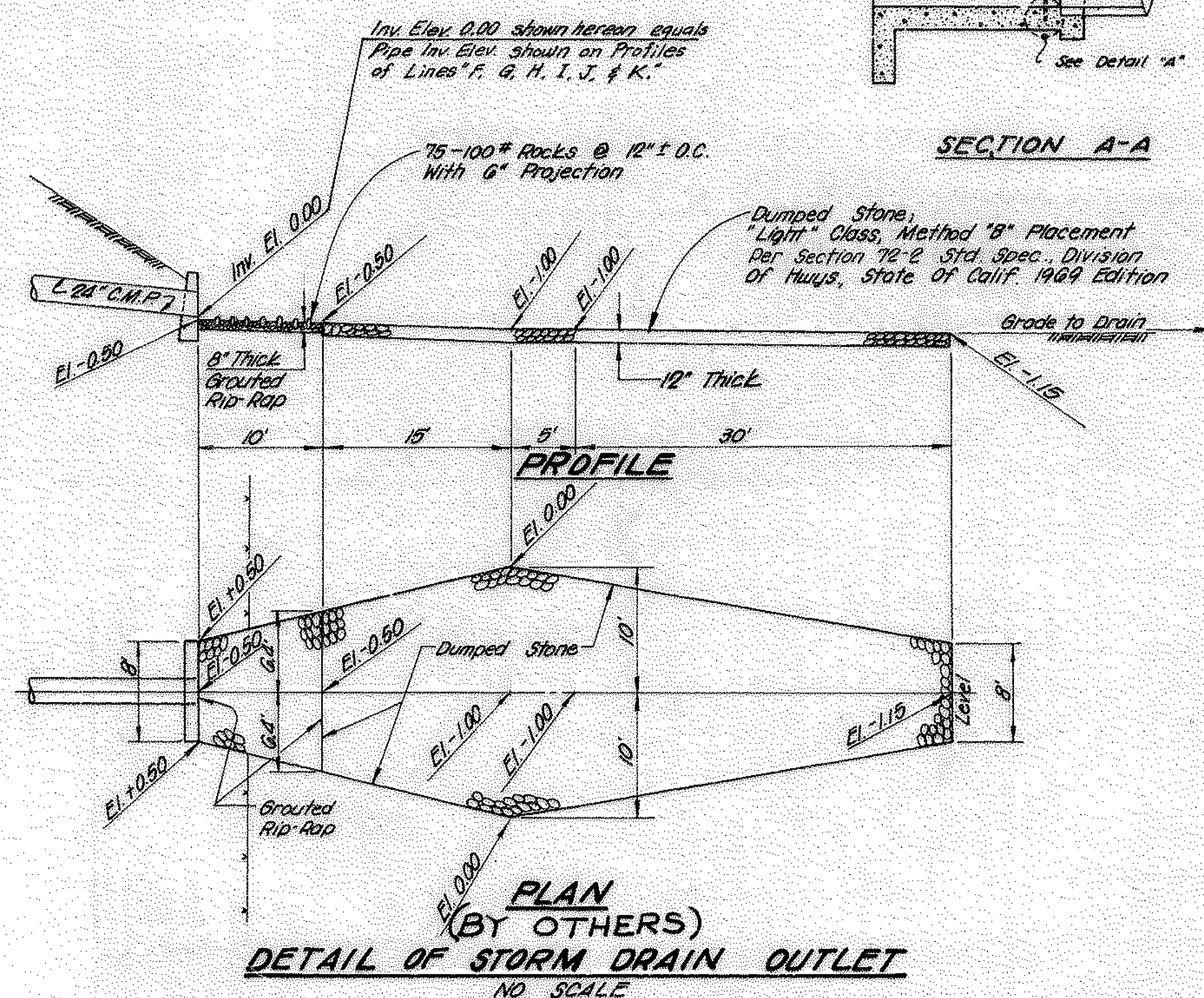
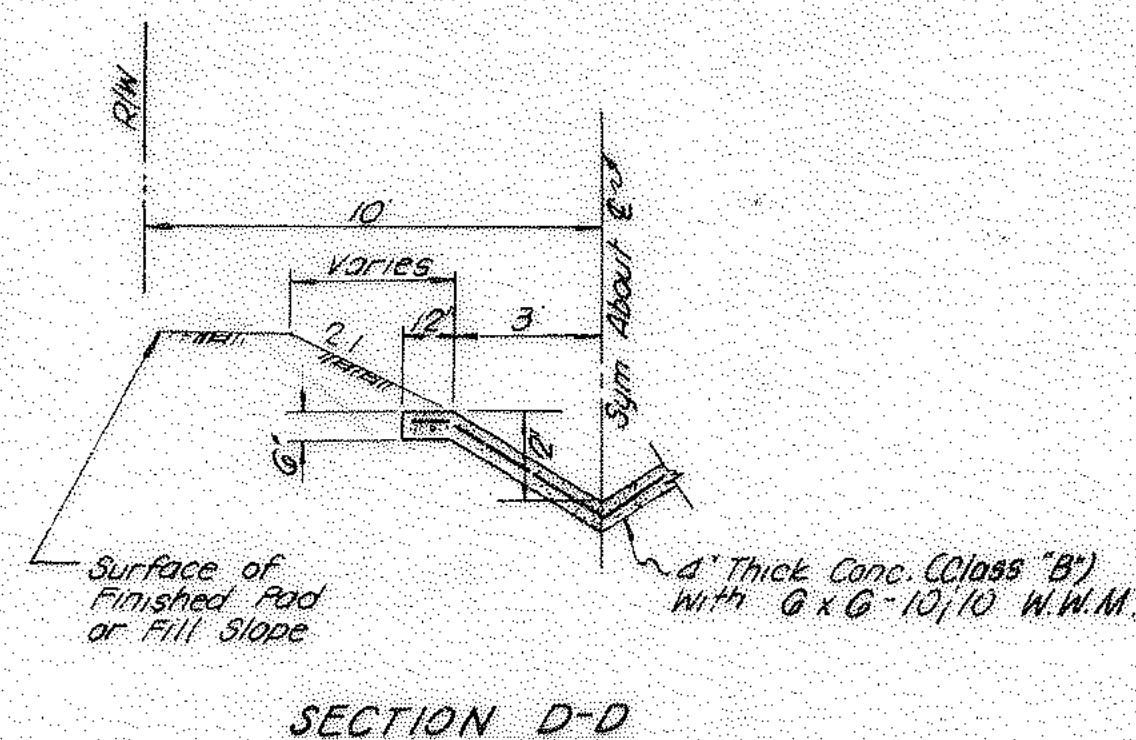




PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF.		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8030 TAHOE LANE AND MAINSAIL LANE		W. O. NO. ROAD NO. FILE NO. SHEET 21 of 22	
BY: G. M. CUMBEY SIGNATURE: <i>G. M. Cumbey</i> R.E. No. 14297		DESIGNED BY DRAWN BY CHECKED BY <i>AWK</i> RECOMMENDED <i>AWK</i> COUNTY ENGINEER		APPROVED BY <i>W. O. Belmont</i> ASST. ROAD COMMISSIONER-ENGR. DATE		DATE			
MARK		REVISIONS		APPR DATE		COUNTY ENGINEER		DATE	



DETAILS OF INLET & DITCH
NO SCALE



REMOVABLE PROTECTION BARS
FOR OUTLET HEADWALL
NO SCALE

PLANS PREPARED BY
McINTIRE & QUIROS INC.
670 MONTEREY PASS RD. MONTEREY PARK, CALIF.

BY: **G. M. CUMBEY**

SIGNATURE: *G. M. Cumbe* R.E. No. 12227

FIELD BOOK REF.

DESIGNED BY

CHECKED BY *J. W. K.*

MARK REVISIONS APPR. DATE

COUNTY OF SAN BERNARDINO
ROAD DEPARTMENT

DESIGNED BY

CHECKED BY *William H. Pollock*

MARK REVISIONS APPR. DATE

IMPROVEMENT PLANS
TRACT NO. 8030

DESIGNED BY

CHECKED BY *William H. Pollock*

MARK REVISIONS APPR. DATE

W. O. NO.

ROAD NO.

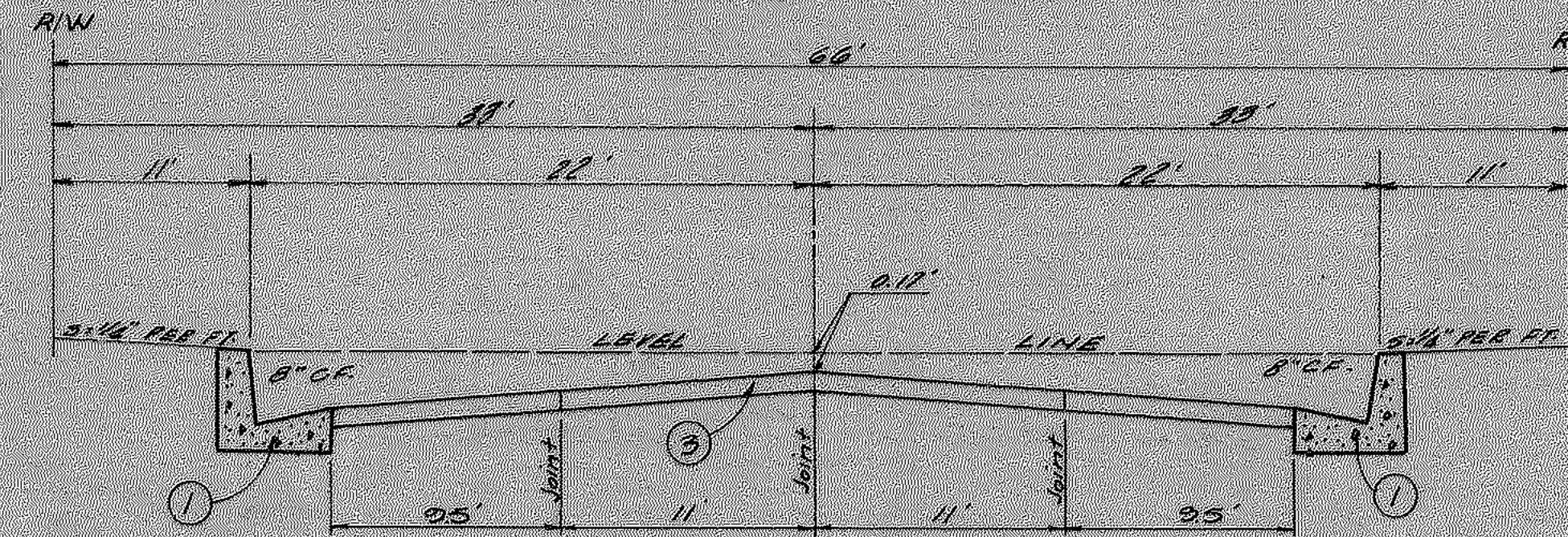
FILE NO.

SHEET 22 of 22

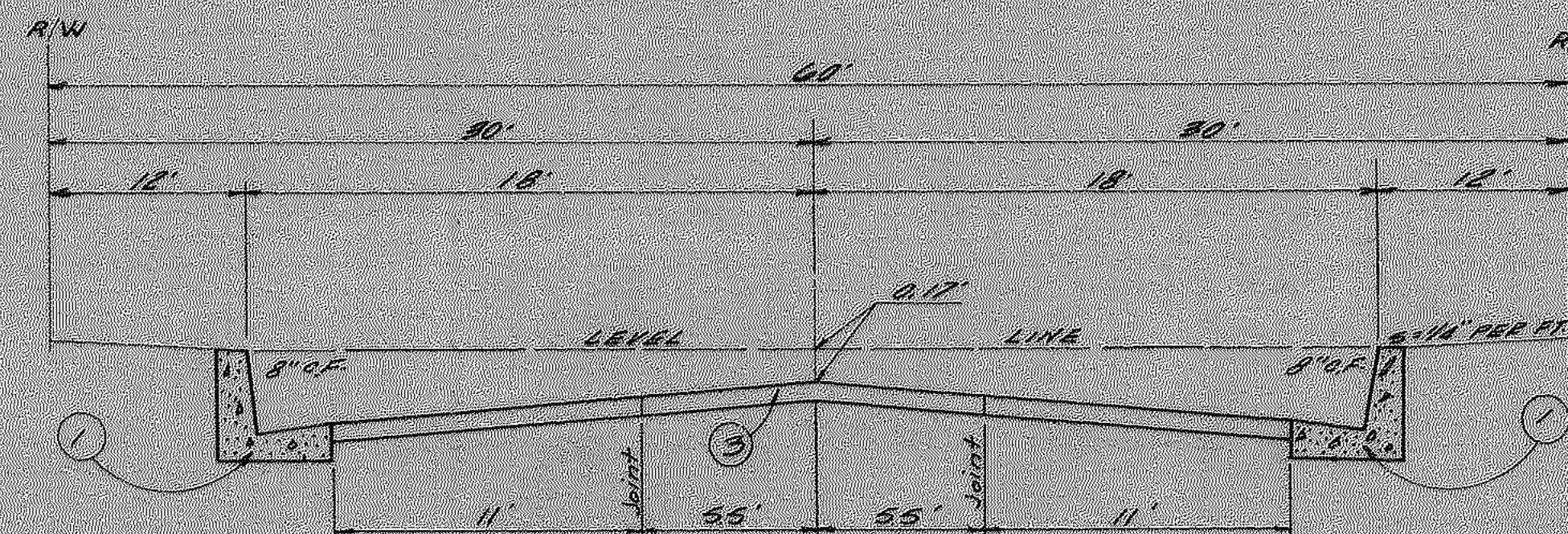
GENERAL NOTES CONT'D.

18. AT THE COMPLETION OF PAVING, A MATERIALS REPORT SHALL BE SUBMITTED TO THE CONTRACTS ENGINEER OF THE SAN BERNARDINO COUNTY ROAD DEPARTMENT LISTING ALL TESTS OR DETERMINATIONS COMPLETED TO VERIFY:
- (a) R-VALUE, SIEVE ANALYSIS AND SAND EQUIVALENT OF AGGREGATE BASES.
 - (b) STABILITY, OIL CONTENT AND SIEVE ANALYSIS OF ASPHALT SURFACING.
19. WHEN THE BASEMENT MATERIAL IS TO RECEIVE PAVING ONLY, THE BASEMENT MATERIAL SHALL HAVE A MINIMUM R-VALUE (FOR THOSE ROADS WITH A T.I. BETWEEN 4 AND 5, R-VALUE = 70 MINIMUM; ON THOSE ROADS WITH A T.I. EQUAL TO 5.5 OR GREATER, R-VALUE = 75 MINIMUM).

NOTE: THE LONGITUDINAL JOINTS, AS REFERRED TO IN SEC. 35-6.01 OF THE STATE STANDARD SPECIFICATIONS SHALL BE MODIFIED AS SHOWN ON THIS SHEET.



TYPICAL SECTION FOR 60' R/W



TYPICAL SECTION FOR 60' R/W

ROAD STRUCTURAL SECTION TABLE

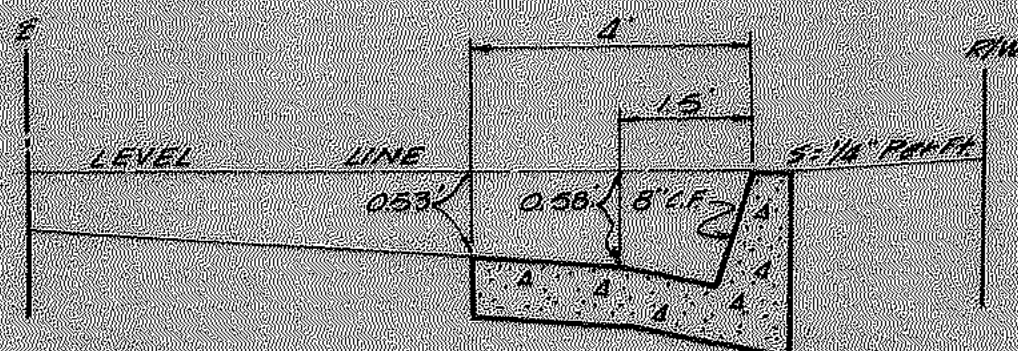
STREET NAME	FROM STA.	TO STA.	A.C.	A.B.	CLASS
CATAMARAN LANE	0+22.50	4+63.42	0.17	0	
CLIPPER DRIVE	17+02.93	22+66.76	0.17	0	
METEOR DRIVE	12+01.30	21+33.98	0.17	0	
RIVERVIEW DRIVE	60+14.55	82+38.14	0.17	0	
COUNTRY CLUB DRIVE	20+31.20	39+06.27	0.21	0	
DRIFTWOOD DRIVE	39+06.27	50+15	0.21	0	
NIAGARA DRIVE	0+20.50	2+80.50	0.17	0.35	3
NIAGARA DRIVE	3+25.50	7+77	0.17	0.35	3
NIAGARA DRIVE	7+77	12+25	0.17	0.35	3
NIAGARA DRIVE	12+25	16+55	0.17	0.35	3
NIAGARA DRIVE	16+55	23+09.80	0.17	0.35	3
DIAMOND DRIVE	0+16.50	14+80.65	0.17	0.35	3
SEA GULL DRIVE	20+50.20	33+00	0.17	0	
SEA GULL DRIVE	33+00	43+58.47	0.17	0.35	3
BONITO COURT	0+20.50	1+40.50	0.21	0.35	3
TROUT LANE	0+20.50	2+00.36	0.21	0.35	3
TARPON LANE	0+20.50	2+87.55	0.21	0.35	3
FORTUNA LANE	0+27.50	4+06.51	0.17	0.35	3

CONSTRUCTION NOTES

- CONSTRUCT CURB & GUTTER PER STANDARD NO. 115
- CONSTRUCT ASPHALT CONCRETE PAVING PER TYPICAL SECTIONS THIS SHEET
- CONSTRUCT CROSS-GUTTER PER STANDARD NO. 118
- CONSTRUCT BARRICADE PER STANDARD NO. 305
- CONSTRUCT END OF TEMPORARY PAVEMENT PER STANDARD NO. 305A

GENERAL NOTE

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS AND THE 1969 STANDARD SPECIFICATIONS OF THE COUNTY OF SAN BERNARDINO.
- BEACH MARK: 0.5 MILE SOUTH OF INTERSECTION OF BEACH VALLEY ROAD AND 4.7 S.E.P. 44.5 WEST OF MILE OF WITRACK, 11.5' S. OF TEL. POLE #108 #1 ELEV. 8989.144.
- AT THE COMPLETION OF ROUGH GRADING A MATERIAL REPORT AND THE PROPOSED STRUCTURAL SECTION SHALL BE SUBMITTED BY THE TRACT ENGINEER TO THE SUBDIVISION SECTION OF SAN BERNARDINO COUNTY ROAD DEPARTMENT FOR REVIEW AND EVALUATION. APPROVAL WILL BE GIVEN WHEN ALL STRUCTURAL SECTION REQUIREMENTS HAVE BEEN MET.
- A PERMIT WILL BE REQUIRED FROM THE SAN BERNARDINO COUNTY ROAD DEPARTMENT PRIOR TO ANY ENCROACHMENT OR CONSTRUCTION WITHIN THE ROAD DEPARTMENT'S EASEMENTS OR RIGHT OF WAY.
- WHEN THE ROAD HAS BEEN GRADED TO THE APPROXIMATE ELEVATION AND CROSS SECTION, ALL ROCKS AND LUMPS OF EARTHWORK EXPOSED IN SIZE AND OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE UPPER 2' OF THE ROADBED AND DISPOSED OF. IN LIEU OF THE REQUIREMENTS, THE CONTRACTOR MAY FURNISH AN 18" X 18" X 18" INCHES OF CLAY SAND AS A COVER UPON WHICH TO PREPARE THE SUBGRADE.
- WHEN THE BASEMENT MATERIAL IS TO RECEIVE PAVING IT SHALL HAVE A MINIMUM "R" VALUE OF
- ALL LOTS SHALL BE GRADED TO PRECLUDE FLOODING.
- STREET MARKERS PER SAN BERNARDINO COUNTY STD. NO. 303 AND NO. 303A SHALL BE CONSTRUCTED AT EACH INTERSECTION.
- ALL PIPELINES OR SUBSTRUCTURES OF ANY KIND AND TELEPHONE OR POWER POLES, WATER METERS, VALVES, HYDRANTS, ETC. SHOWN ON THESE PLANS WITHIN THE LIMITS OF THIS SUBDIVISION OR IN ADJACENT AREAS WHERE IMPROVEMENT WORK IS TO BE DONE SHALL BE REMOVED OR RELOCATED AS REQUIRED AT NO COST TO THE SAN BERNARDINO COUNTY ROAD DEPARTMENT.
- WHEN CURB DEPRESSIONS ARE PROVIDED FOR DRIVEWAYS, COMPLETE DRIVEWAY CONSTRUCTION WILL BE REQUIRED IN ACCORDANCE WITH COUNTY ROAD DEPARTMENT STANDARD DRAWING NO. 185 AND RELATED SPECIFICATIONS.
- COMPACTION TESTS OF EMBANKMENT CONSTRUCTION, TRENCH BACKFILL, AND ALL SUBGRADES SHALL BE PERFORMED AT NO COST TO SAN BERNARDINO COUNTY, AND A WRITTEN REPORT SHALL BE SUBMITTED TO THE CONTRACTS ADMINISTRATION DIVISION OF THE COUNTY ROAD DEPARTMENT FOR APPROVAL PRIOR TO THE PLACEMENT OF CURB, MATERIAL AND/OR SURFACING.
- Rocks for Grouted Rip-Rap Shall Be Facing Class With Method "B" Placement Per Section 70-5 of Standard Specifications, January 1969, State of California, Dept. of Public Works, Division of Highways, Concrete May Be Substituted For The Grout.
- Floor of Catch Basin Shall Slope From All Walls To The Outlet. Slope Parallel With Curb Shall Be 1 To 10 For 12" 10" Unless Otherwise Shown On Plan. For 1" 10" The Upstream End "V" Depth Shall Be Equal To The Curb Face Plus 12 inches Unless Otherwise Shown On Plan.
- TEMPORARY BEACH MARK: TOP 2" I.R. NORTHEAST CORNER LOT 79 IN TRACT NO. 8097 ELEV. 8878.79
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL STREET GRADES WITHIN THIS TRACT. PRIOR TO ACCEPTANCE OF THESE GRADES, THE SAN BERNARDINO COUNTY MAINTAINED ROAD SYSTEM, THE GRADES OF THOSE PORTIONS OF STREETS WITH LESS THAN 0.4% GRADE SHALL BE VERIFIED BY A WATER CHECK.
- RCP WITH RUBBER GASKET JOINTS SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATION 05-1.06.
- PAVEMENT SHALL NOT BE PLACED ON THE ROADS IN THIS TRACT UNTIL CLEARANCE, RELATIVE TO GROUNDWATER CONDITIONS, IS OBTAINED FROM THE SAN BERNARDINO COUNTY ROAD DEPARTMENT.

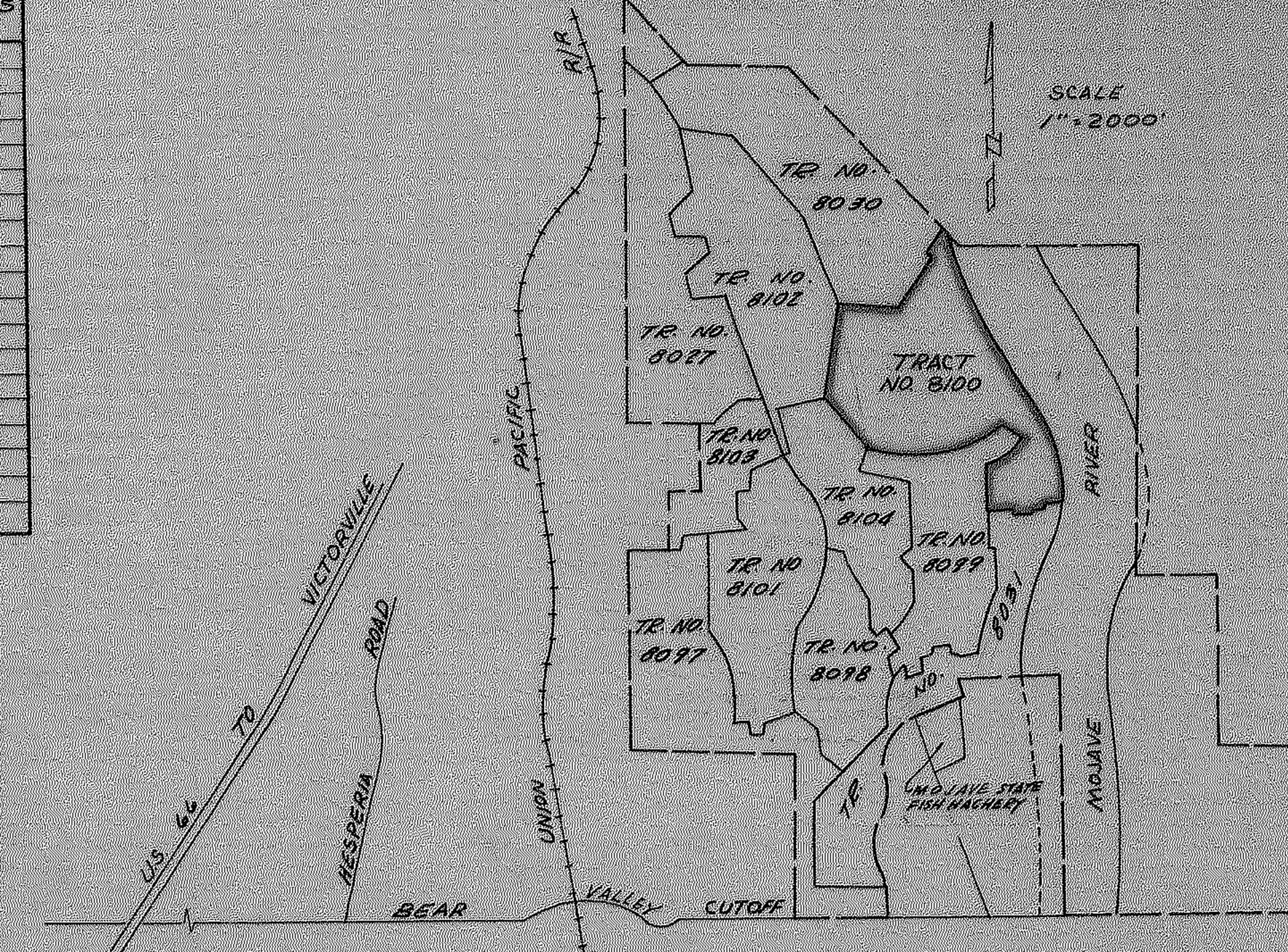


TYPICAL SECTION AT END OF LOCAL DEPRESSION (NO SCALE)

CLASS III AGG. BASE SPECIFICATIONS

- AGGREGATE GRADATION: 2 1/2" 100%, #4 50-95%, #30 20-65%, #200 3-20%
- SAND EQUIVALENT: 30 MIN.
- R-VALUE: 70 MIN.
- BASE SHALL BE OF SUCH CHARACTER THAT WHEN WET IT WILL COMPACT TO FORM A FIRM STABLE BASE.

KEY MAP SCALE: 1" = 400'



PLANS PREPARED BY:
McINTIRE & QUIROS INC.
570 MONTEREY PASS RD. MONTEREY PARK, CALIF.

BY: **G.M. CUMBEY**
SIGNATURE: *G.M. Cumbe* R.E. No. 1777

Revised Note 15.

FIELD BOOK REF.

Added note Sheets 13 and 17

Added General Notes 18 & 19 and

Deleted General Note 3

Added Class III Agg. Base

Specs & Road Structural Sec. Table

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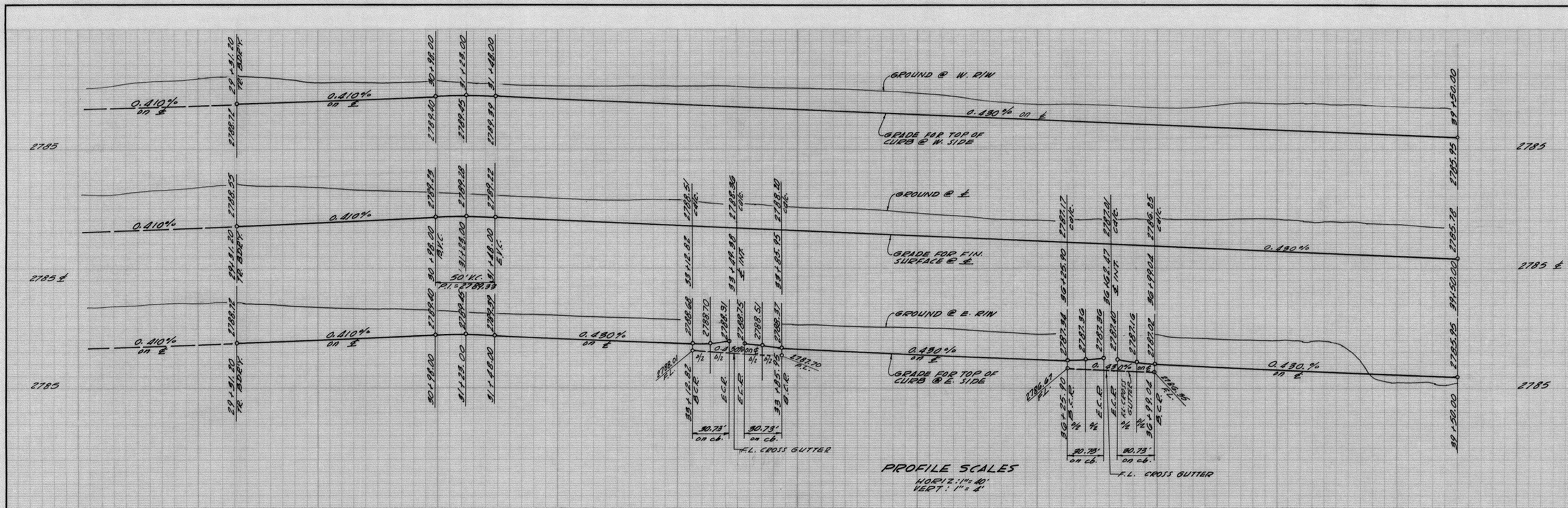
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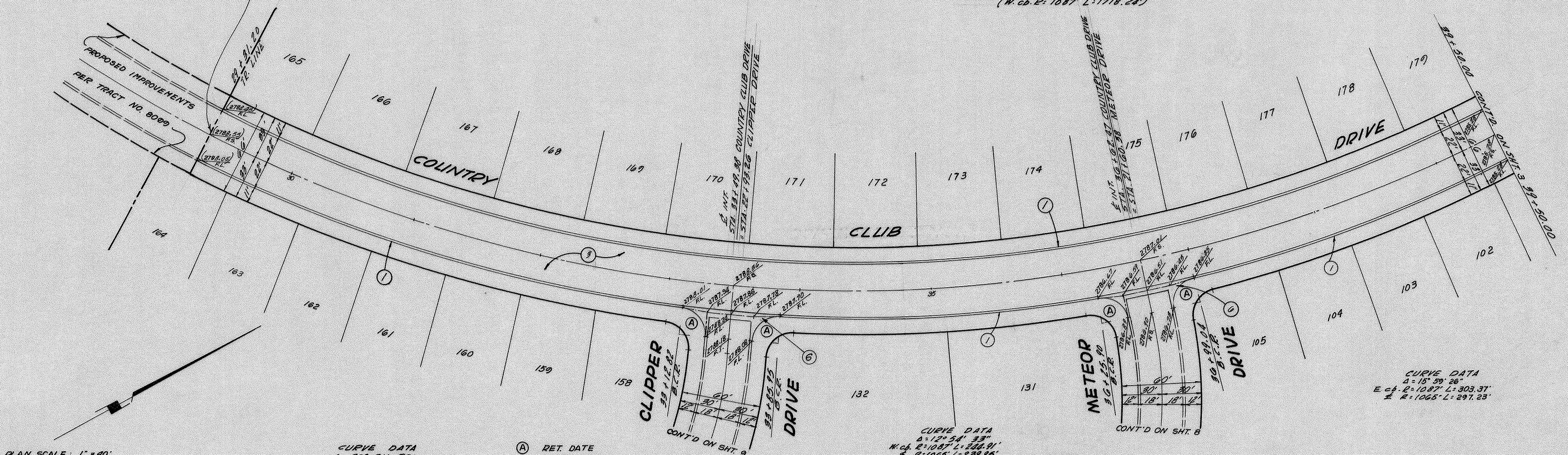


PROFILE SCALES
HORIZ. 1" = 40'
VERT. 1" = 4'

CURVE DATA
Δ = 76° 00' 59"
E.C.B. P. 1043' L. 1383.78'
E.C.B. P. 1065' L. 1412.97'

TOTAL CURVE DATA
Δ = 76° 00' 59"
(E.C.B. P. 1043' L. 1383.78')
(E.C.B. P. 1065' L. 1412.97')
(W.C.B. P. 1087' L. 1718.24')

REMOVE BARRICADE AND
END OF TEMPORARY PAVEMENT
IF CONSTRUCTED PER TR. 8019



PLAN SCALE: 1" = 40'

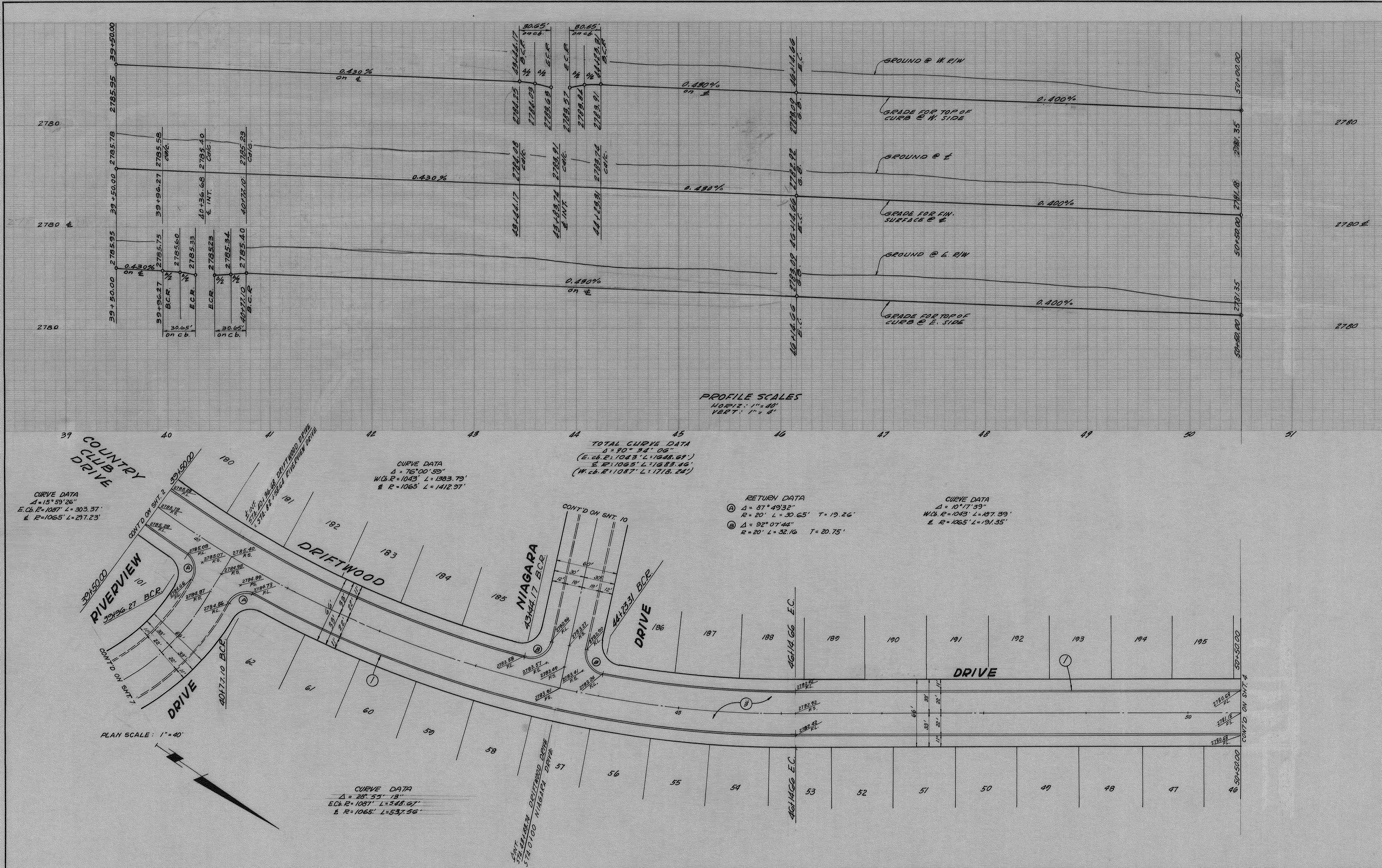
CURVE DATA
Δ = 20° 51' 50"
W.C.B. P. 1087' L. 1718.24'
E.C.B. P. 1065' L. 1412.97'

RET. DATE
Δ = 98° 01' 28"
R = 20' L = 30.73'
T = 19.32'

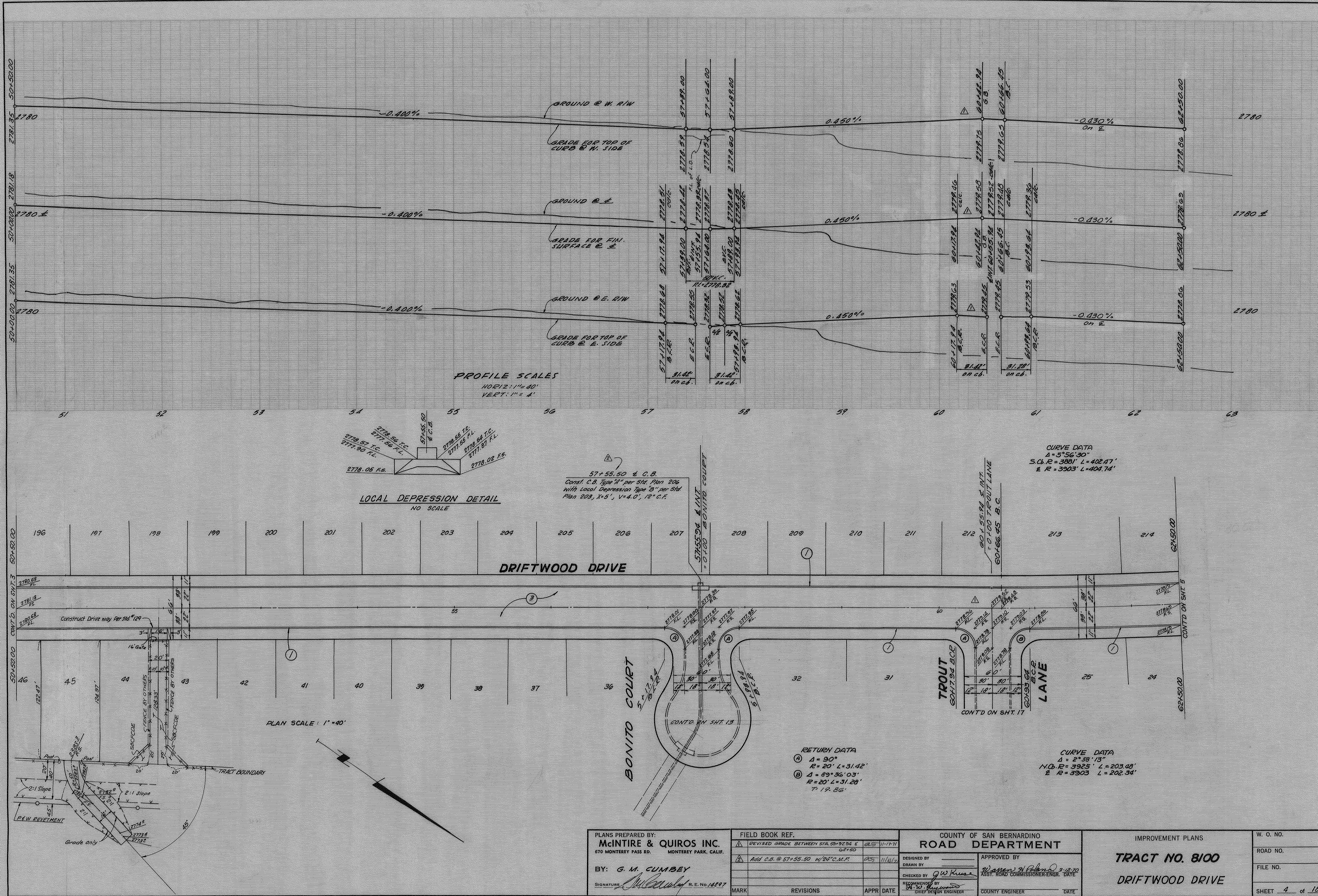
CURVE DATA
Δ = 15° 39' 26"
W.C.B. P. 1087' L. 1718.24'
E.C.B. P. 1065' L. 1412.97'

CURVE DATA
Δ = 15° 39' 26"
E.C.B. P. 1087' L. 1718.24'
E.C.B. P. 1065' L. 1412.97'

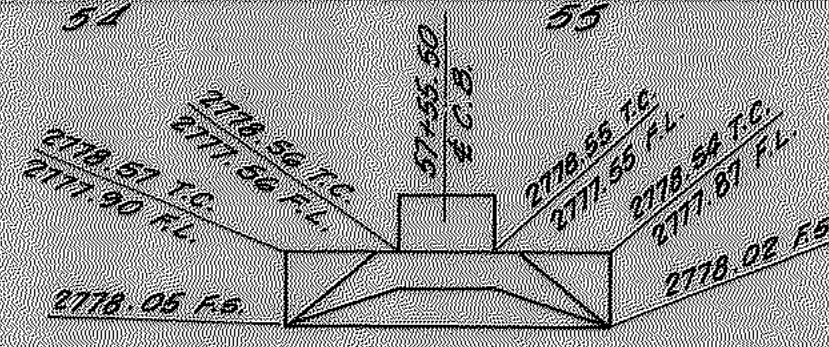
PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF.		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS		W. O. NO.	
BY: G.M. CUMBEY				DESIGNED BY		TRACT NO. 8100		ROAD NO.	
SIGNATURE: <i>G.M. Cumbey</i> R.E. No. 14297				DRAWN BY		COUNTRY CLUB DRIVE		FILE NO.	
				CHECKED BY: <i>G.W. Kuhn</i>				SHEET 2 of 18	
				RECOMMENDED BY: <i>G.W. Kuhn</i>					
				CHIEF DESIGN ENGINEER					
				COUNTY ENGINEER					
				DATE					



PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF.		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8100 COUNTRY CLUB DRIVE		W. O. NO.
BY: <i>[Signature]</i> SIGNATURE <i>[Signature]</i> R.E. No. 4297		DESIGNED BY DRAWN BY CHECKED BY RECOMMENDED BY		APPROVED BY <i>[Signature]</i> 3/12/70 ASST. ROAD COMMISSIONER-ENGR. DATE		COUNTY ENGINEER DATE		ROAD NO.
MARK		REVISIONS		APPR. DATE		CHIEF DESIGN ENGINEER		FILE NO.
								SHEET <u>3</u> of <u>18</u>



PROFILE SCALES
HORIZ: 1"=40'
VERT: 1"=4'



LOCAL DEPRESSION DETAIL
NO SCALE

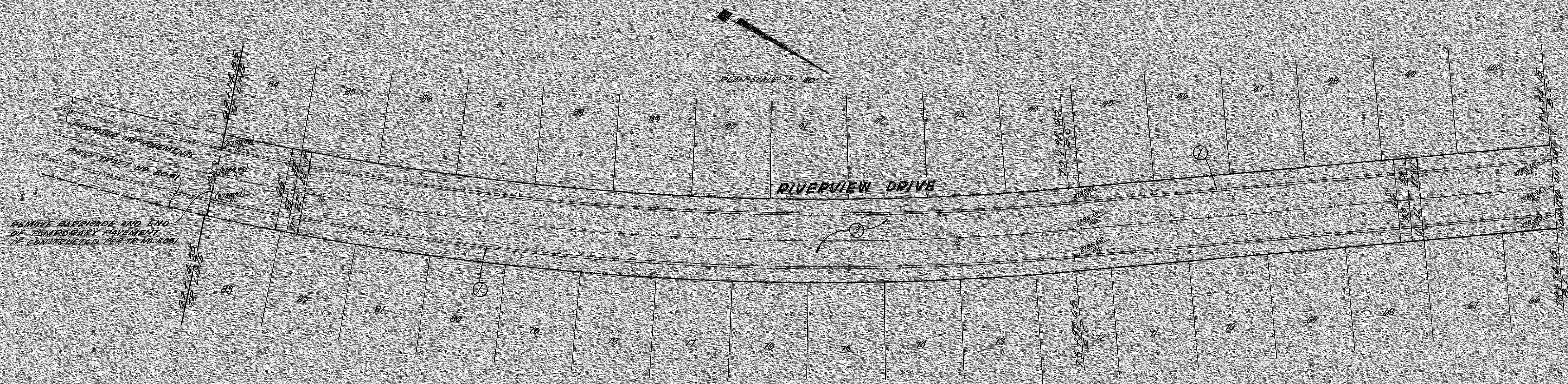
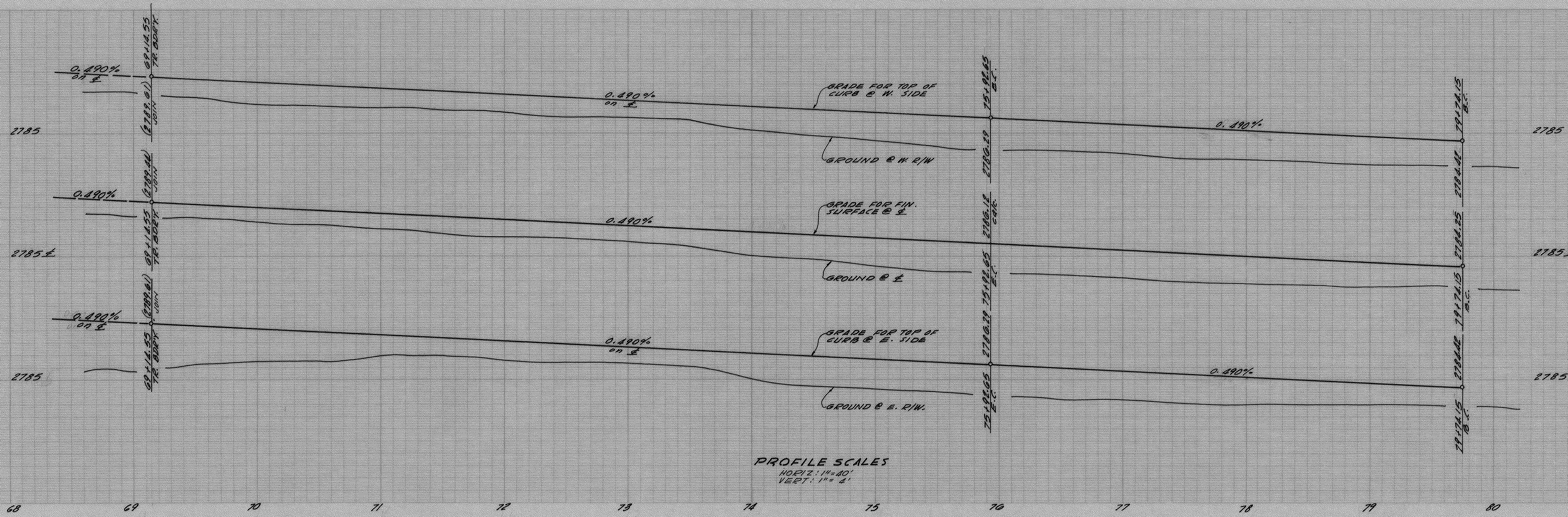
57+55.50 ± C.B.
Const. C.B. Type "A" per Sht. Plan 206
With Local Depression Type "B" per Sht.
Plan 203, X=5', V=4.0', 12" C.F.

CURVE DATA
Δ = 5°56'30"
S.C. R = 3881' L = 402.47'
E R = 3903' L = 404.74'

RETURN DATA
A Δ = 90°
R = 20' L = 31.42'
B Δ = 89°36'03"
R = 20' L = 31.28'
T = 19.86'

CURVE DATA
Δ = 2°58'13"
N.O. R = 3925' L = 203.48'
E R = 3903' L = 202.34'

PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF. REVISED GRADE BETWEEN STA. 55+32.04 E 57+50 Add C.B. @ 57+55.50 W/24" C.M.P.		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8100 DRIFTWOOD DRIVE		W. O. NO. ROAD NO. FILE NO. SHEET 4 of 18	
BY: G. M. CUMBEY Signature: <i>[Signature]</i> R.E. No. 14897		DESIGNED BY DRAWN BY CHECKED BY <i>[Signature]</i> RECOMMENDED BY <i>[Signature]</i> CHIEF DESIGN ENGINEER		APPROVED BY <i>[Signature]</i> ASST. ROAD COMMISSIONER-ENGR. DATE 3-12-70		COUNTY ENGINEER		DATE	
MARK		REVISIONS		APPR. DATE					

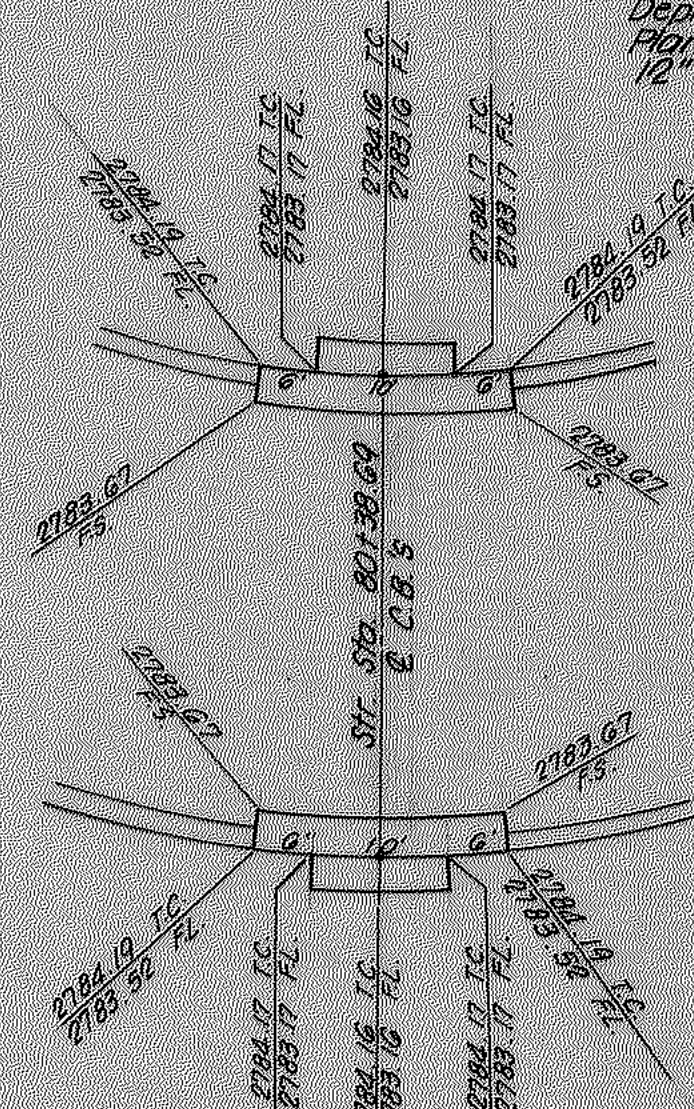


CURVE DATA
 Δ = 16° 50' 40"
 N. C. R. = 2328.36' L = 684.58'
 S. C. R. = 2300.36' L = 678.14'
 S. C. R. = 2284.36' L = 671.66'

REMOVE BARRICADE AND END OF TEMPORARY PAVEMENT IF CONSTRUCTED PER TR. NO. 8081

PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF.		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8100 RIVERVIEW DRIVE		W. O. NO. ROAD NO. FILE NO. SHEET 6 of 18	
BY: G. M. CLIMBEY SIGNATURE: <i>G. M. Climbey</i> R. E. No. 12297		DESIGNED BY DRAWN BY CHECKED BY <i>g.w. Kruar</i> RECOMMENDED BY <i>g.w. Kruar</i> CHIEF DESIGN ENGINEER		APPROVED BY <i>Warren A. Roland</i> 3-18-70 ASST. ROAD COMMISSIONER-ENGR. DATE		COUNTY ENGINEER DATE			
MARK		REVISIONS		APPR. DATE					

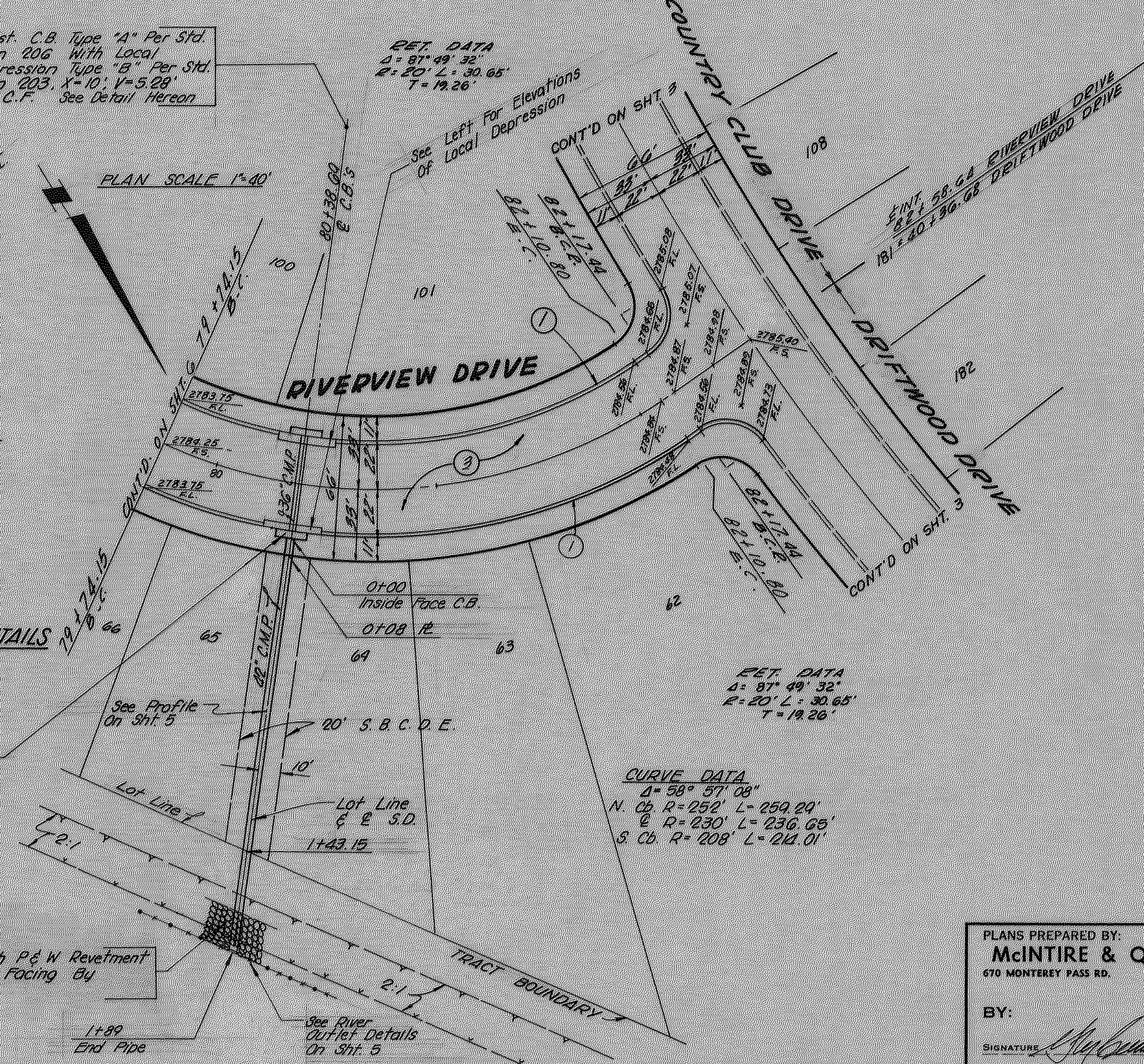
Const. C.B. Type "A" Per Std. Plan 206 With Local Depression Type "A" Per Std. Plan 203, X=10', V=5.28', 12" C.F. See Detail Hereon



LOCAL DEPRESSION DETAILS
NO SCALE

Const. C.B. Type "A" Per Std. Plan 206 With Local Depression Type "B" Per Std. Plan 203, X=10', V=5.54', 12" C.F. See Detail Hereon

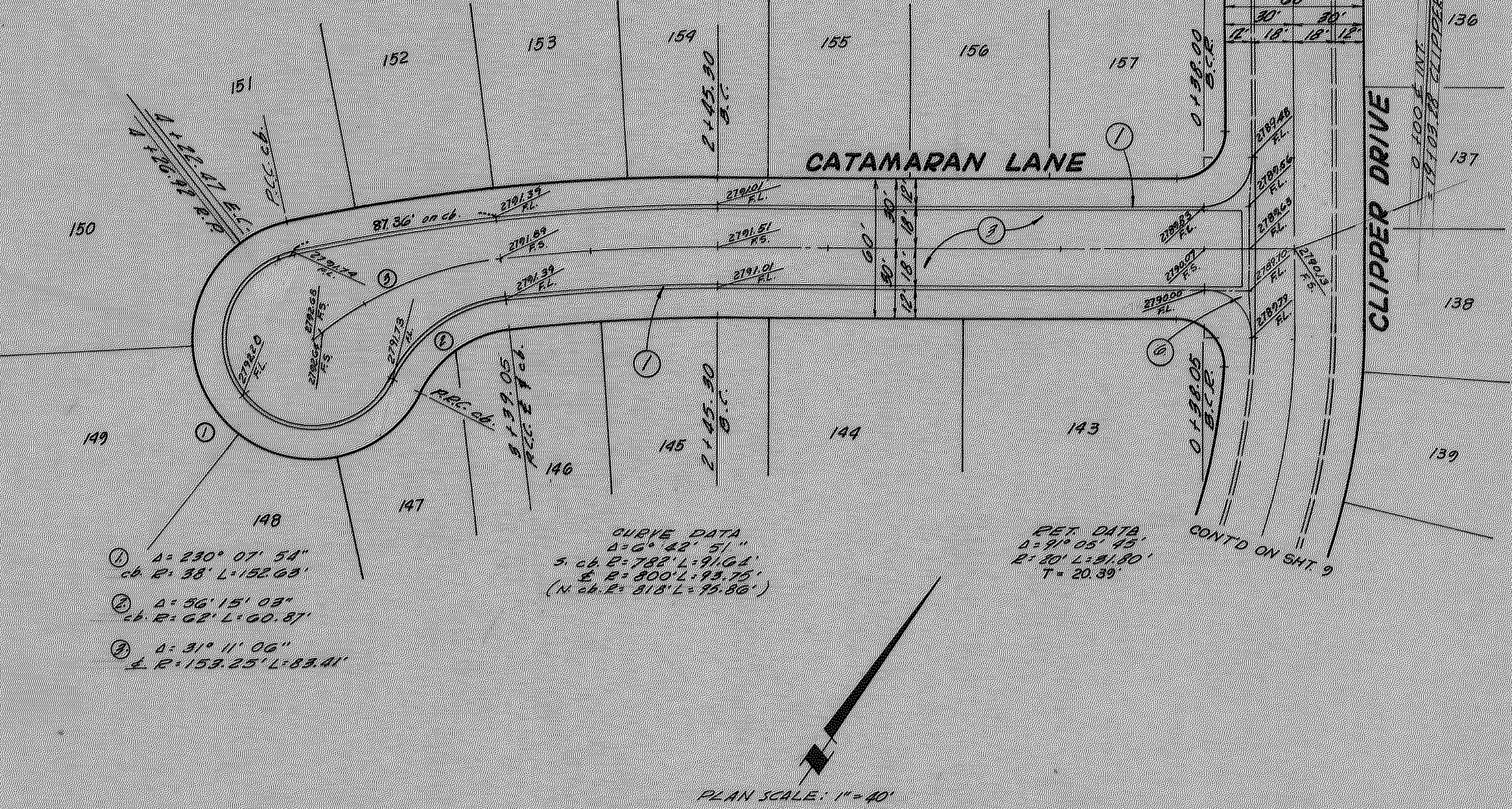
Levee With P&W Revetment And Rock Facing By Others



PROFILE SCALES
HORIZ. 1"=40'
VERT. 1"=4'

CURVE DATA
A=12° 50' 00"
N. CB. R=818' L=188.22'

RET. DATA
A=10° 00' 00"
E=20' L=91.42'



CURVE DATA
A=6° 42' 51"
S. CB. R=788' L=91.61'
E. B=800' L=83.75'
(N. CB. R=818' L=188.22')

RET. DATA
A=91° 05' 45"
R=20' L=91.80'
T=20.39'

PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF.		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8100 RIVERVIEW DRIVE AND CATAMARAN LANE		W. O. NO. ROAD NO. FILE NO. SHEET 7 of 18	
BY: <i>[Signature]</i> R.E. No. 14297		DESIGNED BY		DRAWN BY <i>[Signature]</i>		APPROVED BY <i>[Signature]</i> 2-15-76 ASST. ROAD COMMISSIONER-ENGR. DATE			
RECOMMENDED BY <i>[Signature]</i> CHIEF DESIGN ENGINEER		CHECKED BY <i>[Signature]</i>		APPR. DATE		COUNTY ENGINEER DATE			
MARK		REVISIONS		APPR. DATE					