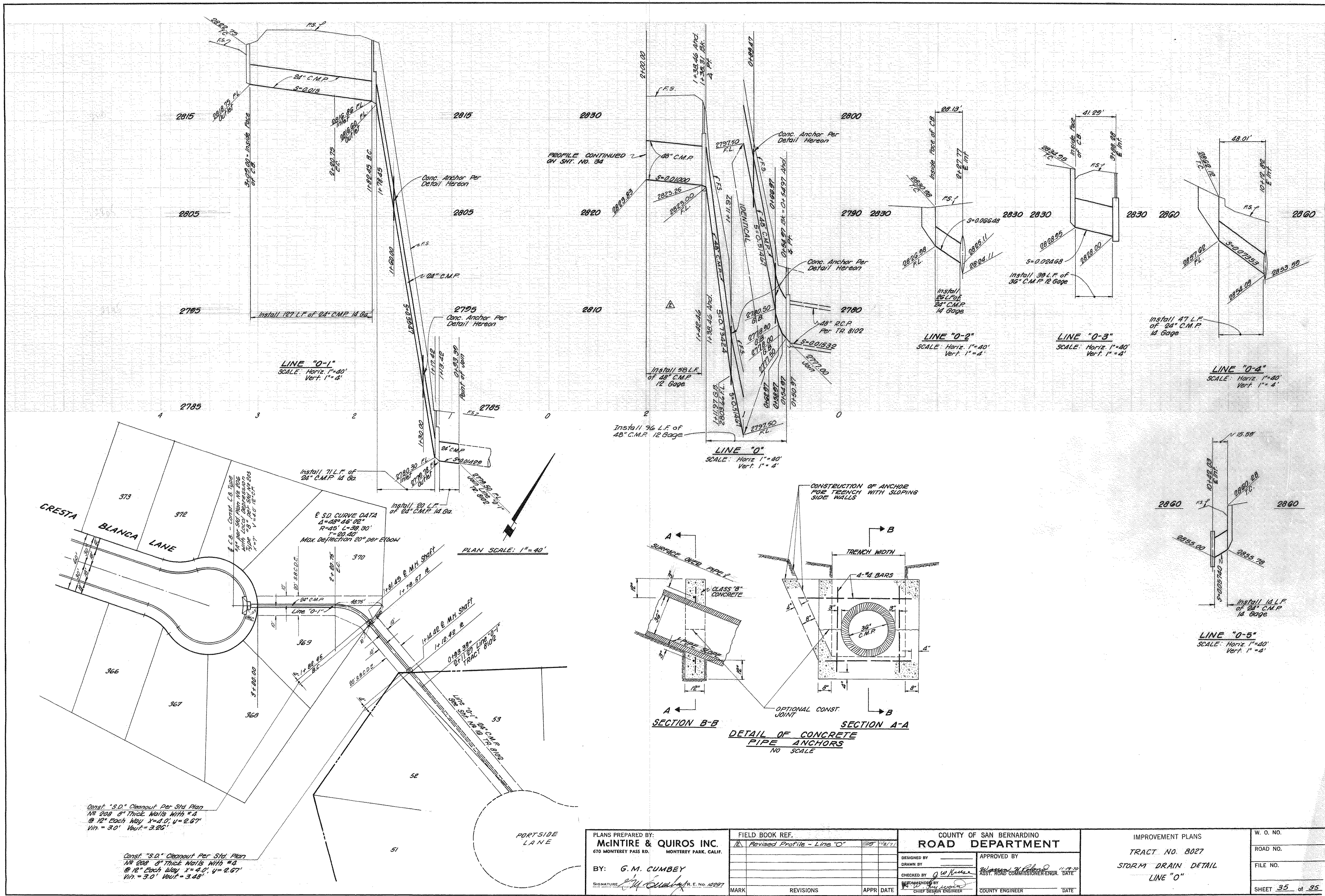
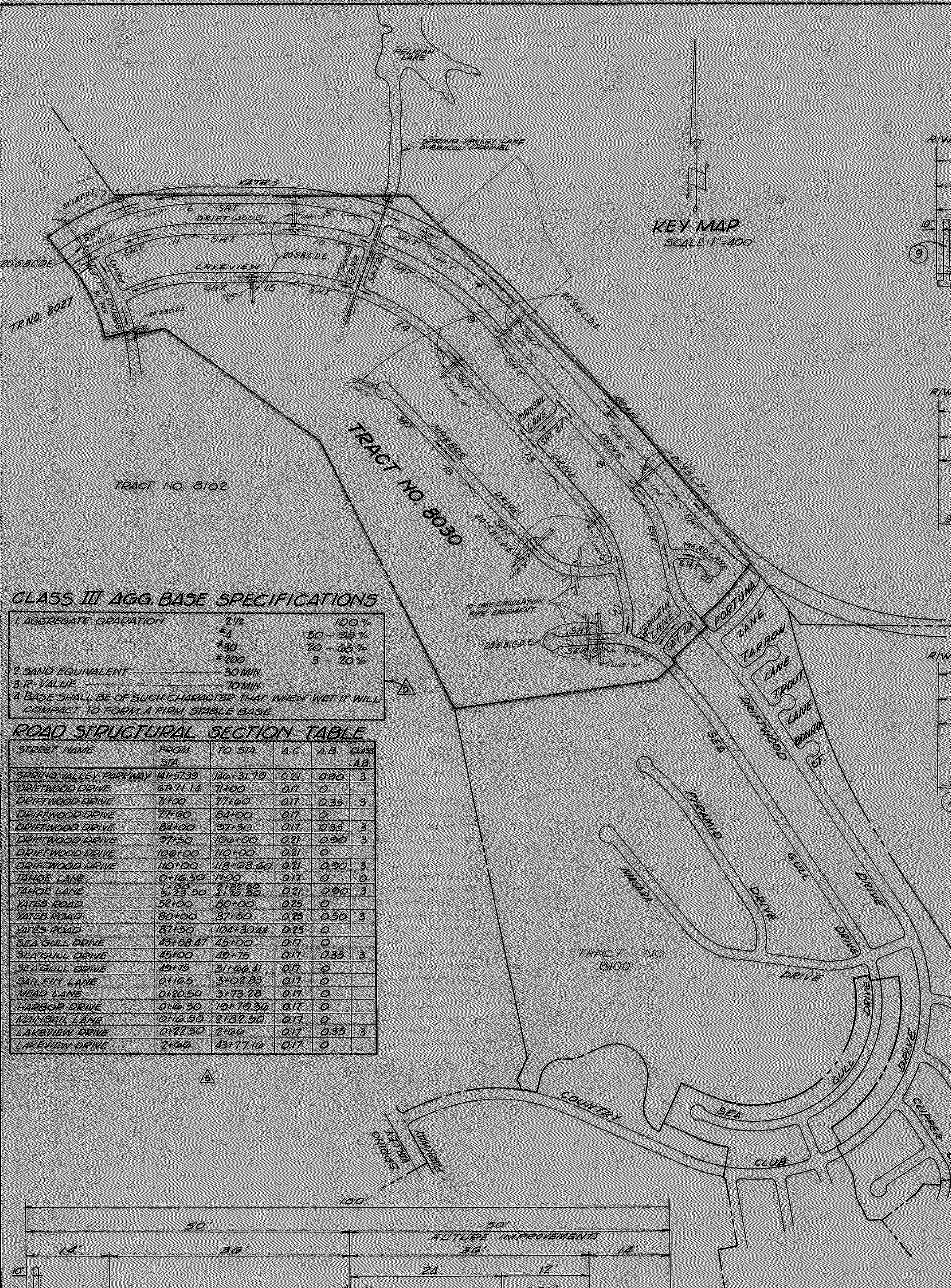




PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF. 18 Revised Profile - Line "O" 11/19/20		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8027 STORM DRAIN DETAIL LINE "O"		W. O. NO.	
BY: G. M. CUMBEY				DESIGNED BY		APPROVED BY		ROAD NO.	
SIGNATURE: <i>G. M. Cumbe</i> R. E. No. 10297				DRAWN BY		<i>William A. [Signature]</i> 11-19-20			
				CHECKED BY <i>G. W. [Signature]</i>		ASST. ROAD COMMISSIONER/ENGR. DATE		FILE NO.	
				RECOMMENDED BY					
				CHIEF DESIGN ENGINEER		COUNTY ENGINEER DATE		SHEET <u>35</u> of <u>35</u>	
MARK		REVISIONS		APPR DATE					

KEY MAP
SCALE 1"=400'

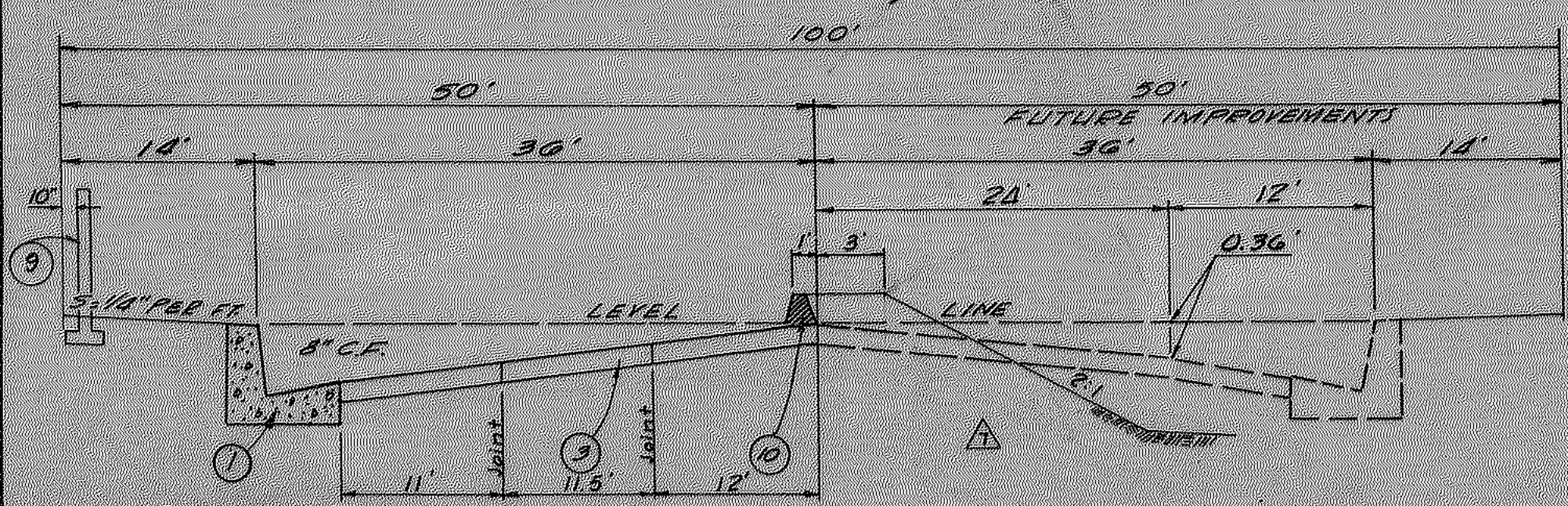


CLASS III AGG. BASE SPECIFICATIONS

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

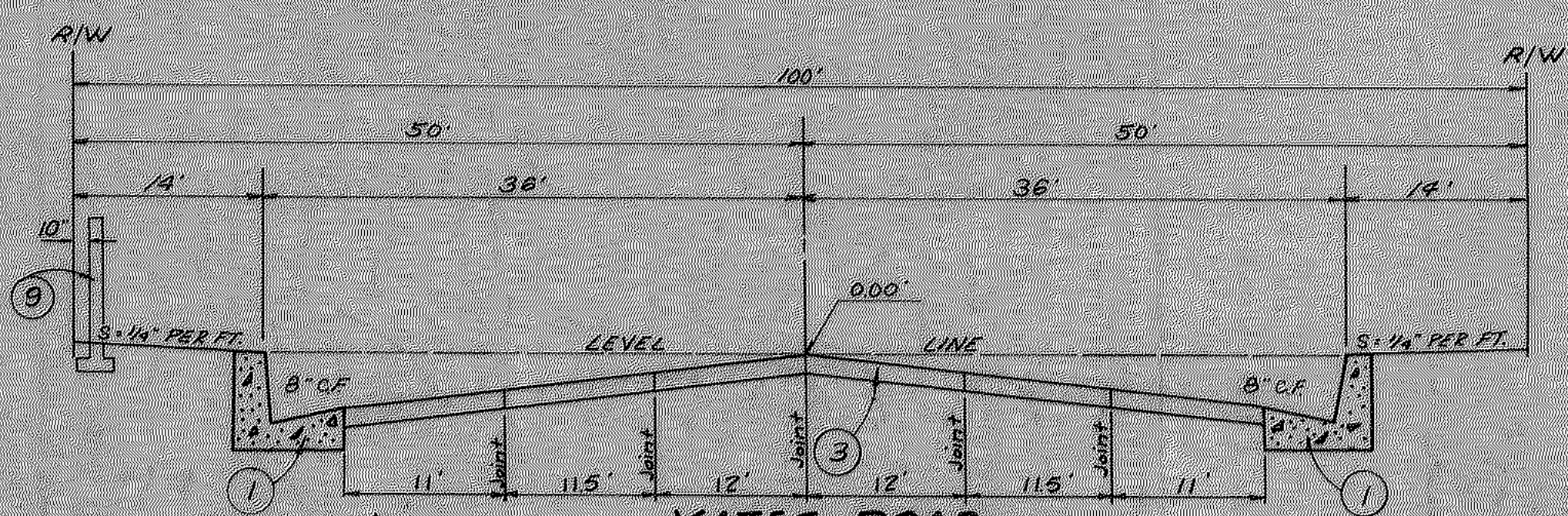
ROAD STRUCTURAL SECTION TABLE

STREET NAME	FROM STA.	TO STA.	A.C.	A.B.	CLASS
SPRING VALLEY PARKWAY	14+57.39	14+31.79	0.21	0.90	3
DRIFTWOOD DRIVE	6+71.14	7+100	0.17	0	
DRIFTWOOD DRIVE	7+100	7+60	0.17	0.35	3
DRIFTWOOD DRIVE	7+60	8+100	0.17	0	
DRIFTWOOD DRIVE	8+100	9+50	0.17	0.35	3
DRIFTWOOD DRIVE	9+50	10+100	0.21	0.90	3
DRIFTWOOD DRIVE	10+100	11+00	0.21	0	
DRIFTWOOD DRIVE	11+00	11+68.60	0.21	0.90	3
TAHOE LANE	0+16.50	1+00	0.17	0	
TAHOE LANE	1+00	2+22.50	0.21	0.90	3
YATES ROAD	32+00	30+00	0.25	0	
YATES ROAD	30+00	37+50	0.25	0.50	3
YATES ROAD	37+50	104+30.44	0.25	0	
SEA GULL DRIVE	43+58.47	45+00	0.17	0	
SEA GULL DRIVE	45+00	49+75	0.17	0.35	3
SEA GULL DRIVE	49+75	51+66.41	0.17	0	
SAIL FIN LANE	0+16.5	3+02.83	0.17	0	
MEAD LANE	0+20.50	3+73.28	0.17	0	
HARBOR DRIVE	0+16.50	10+79.30	0.17	0	
MAINSAIL LANE	0+16.50	2+82.50	0.17	0	
LAKEVIEW DRIVE	0+22.50	2+66	0.17	0.35	3
LAKEVIEW DRIVE	2+66	43+77.10	0.17	0	

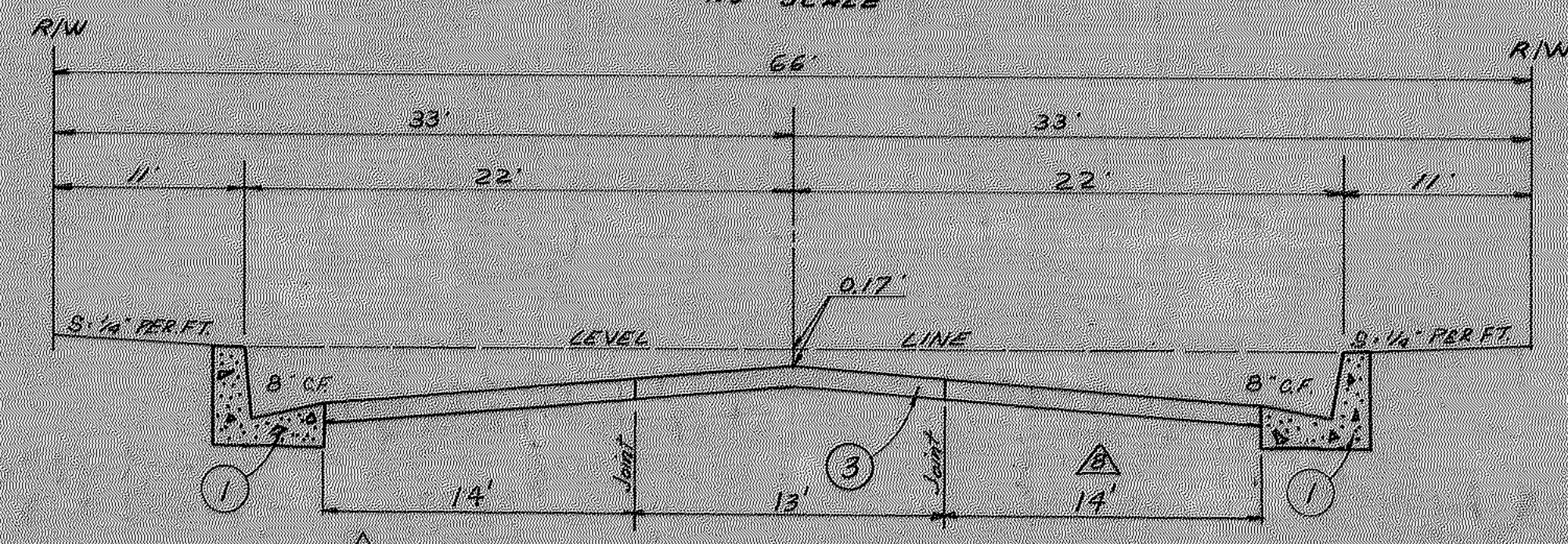


YATES ROAD
FROM STA. 49+29.14 TO STA. 94+64.98
NO SCALE

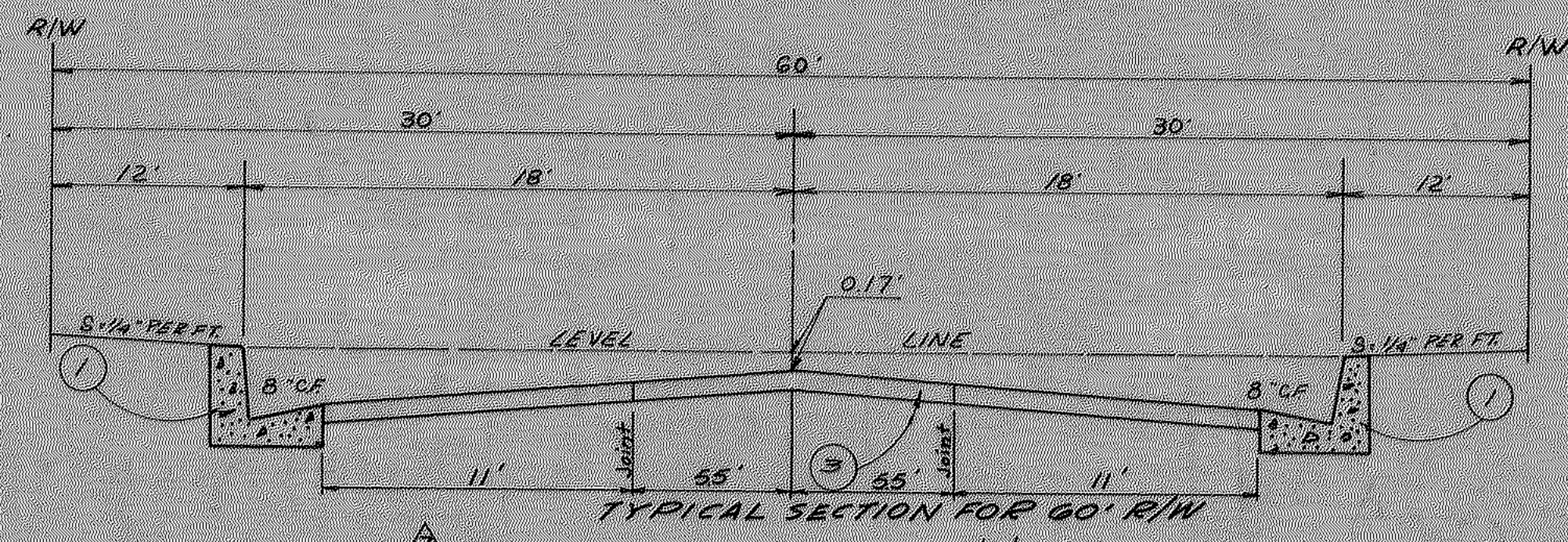
NOTE:
THE LONGITUDINAL JOINTS AS REFERRED TO IN SEC. 39-0.01 OF THE STATE STANDARD SPECIFICATIONS SHALL BE MODIFIED AS SHOWN ON THIS SHEET.



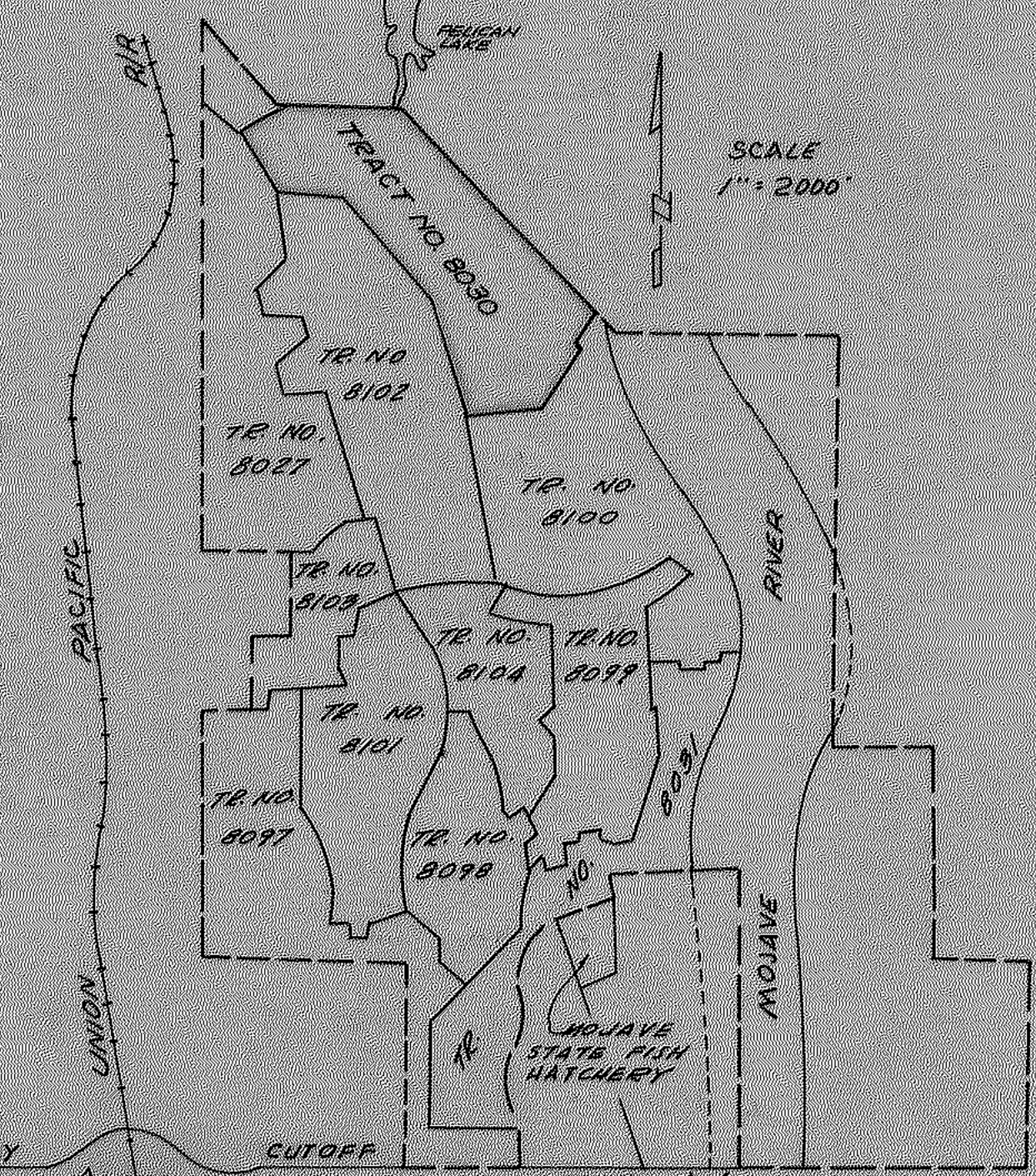
YATES ROAD
FROM STA. 97+90.38 TO STA. 104+30.44
NO SCALE



TYPICAL SECTION FOR 66' R/W



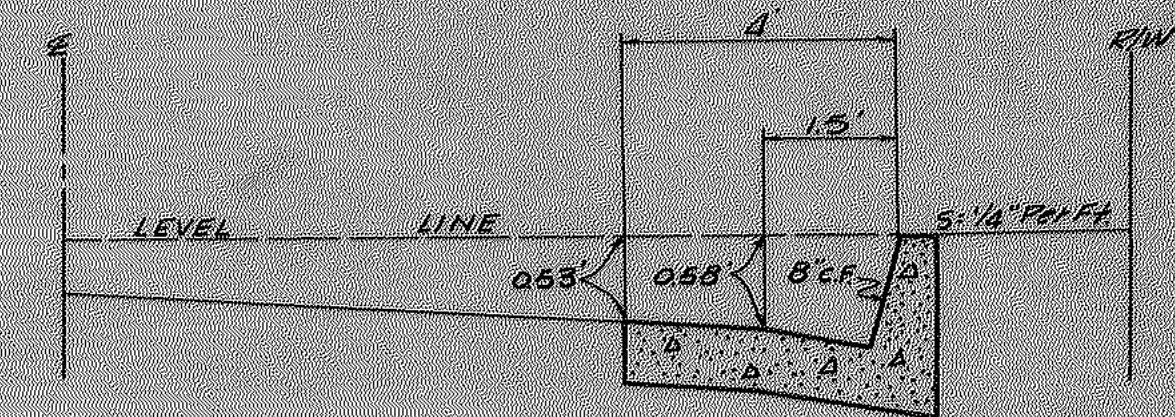
TYPICAL SECTION FOR 60' R/W



SCALE
1"=2000'

- GENERAL NOTES**
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS AND THE 1966 STANDARD SPECIFICATIONS OF THE COUNTY OF SAN BERNARDINO.
 - BENCH MARK: 0.9 MILE SOUTH OF INTERSECTION OF BEAR VALLEY ROAD AND A.T. 4 S.F.R.P. 44.2 WEST OF W/RAIL OF W/TRACK, 11.5' S. OF TEL. POLE 41 GE. 41 ELEV. 2983.194.
 - 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:
 - (1) R-VALUE SIEVE ANALYSIS AND SAND EQUIVALENT OF AGGREGATE BASES.
 - (2) STABILITY, OIL CONTENT AND SIEVE ANALYSIS OF ASPHALT SURFACING.
 - 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 WAYS.
 - WHEN THE ROADBED HAS BEEN GRADED TO THE APPROXIMATE ELEVATION AND CROSS SECTION AND IS TO RECEIVE A.C. PAVING ONLY, ALL ROCKS AND LUMPS OF EARTH OVER 2 1/2" IN SIZE AND OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE UPPER 6" OF THE ROADBED AND DISPOSED OF. IN LIEU OF THE ABOVE REQUIREMENT, THE CONTRACTOR MAY FURNISH AS AN ALTERNATE 2 1/2" OF CLASS 2 AGGREGATE BASE AS A COVER UPON WHICH TO PREPARE THE SUBGRADE.
 - WHEN THE BASEMENT MATERIAL IS TO RECEIVE A.C. PAVING ONLY, THE BASEMENT MATERIAL SHALL HAVE A MINIMUM R-VALUE OF-- (FOR THOSE ROADS WITH A T.I. BETWEEN 4 AND 5, R-VALUE TO MINIMUM) ON THOSE ROADS WITH A T.I. EQUAL TO 5.5 OR GREATER, R-VALUE = 75 MINIMUM.
 - ALL LOTS SHALL BE GRADED TO PRECLUDE PONDING.
 - STREET MARKERS PER SAN BERNARDINO COUNTY STD. NO. 303 AND NO. 303A SHALL BE CONSTRUCTED AT EACH INTERSECTION.
 - ALL PIPE LINES OR SUBSTRUCTURES OF ANY KIND (AND TELEPHONE OR POWER POLES, WATER METERS, VALVES, HYDRANTS, ETC., SHOWN OR NOT 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. 128 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 BASE MATERIALS AND/OR SURFACING.
 - ROCKS FOR GROUTED RIP-RAP SHALL BE FACING CLASS WITH METHOD "B" PLACEMENT PER SECTION 72-5 OF STANDARD SPECIFICATIONS, JANUARY 1963, 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 X < 10' UNLESS OTHERWISE SHOWN ON PLAN. FOR X > 10' THE UPSTREAM END 1/4" DEPTH SHALL BE EQUAL TO THE CURB FACE PLUS 12 INCHES UNLESS OTHERWISE SHOWN ON PLAN.
 - R.C.P. WITH RUBBER BASKET JOINTS SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATION 65-1.06.
 - PAVEMENT SHALL NOT BE PLACED ON THE ROADS IN THIS TRACT UNTIL CLEARANCE RELATIVE TO GROUND WATER CONDITIONS IS OBTAINED FROM THE SAN BERNARDINO COUNTY ROAD DEPARTMENT.
 - T.B.M. TOP 2" I.P. NORTHEAST CORNER LOT T3 IN TRACT NO. 8097 ELEV. 2576.79.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL STREET GRADES WITHIN THIS TRACT. PRIOR TO ACCEPTANCE OF THESE ROADS INTO THE SAN BERNARDINO COUNTY MAINTAINED ROAD SYSTEM, THE GRADES OF THOSE PORTIONS OF STATE THRUWAYS WITH LESS THAN 0.4% GRADE SHALL BE VERIFIED BY A WATER CHECK.

- CONSTRUCTION NOTES**
- Construct Curb & Gutter per Standard No. 115.
 - Construct Asphalt Concrete Paving per Typical Section on This Sheet.
 - Construct Cross-Gutter Per Standard No. 119.
 - Construct Barricade Per Standard No. 305.
 - Construct End of Temporary Pavement Per Standard No. 305a.
 - Construct Non-Retaining Concrete Block Wall Per Standard No. 301.
 - Construct Asphalt Concrete Dike Per Standard No. 117.



TYPICAL SECTION AT END OF LOCAL DEPRESSION (NO SCALE)

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

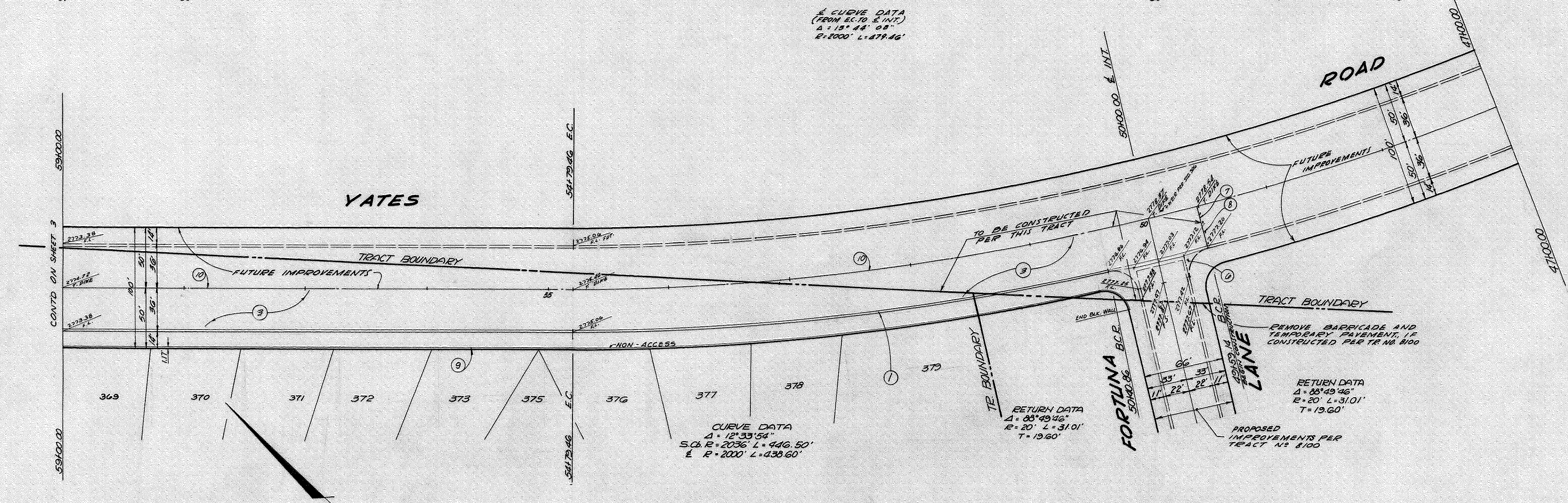
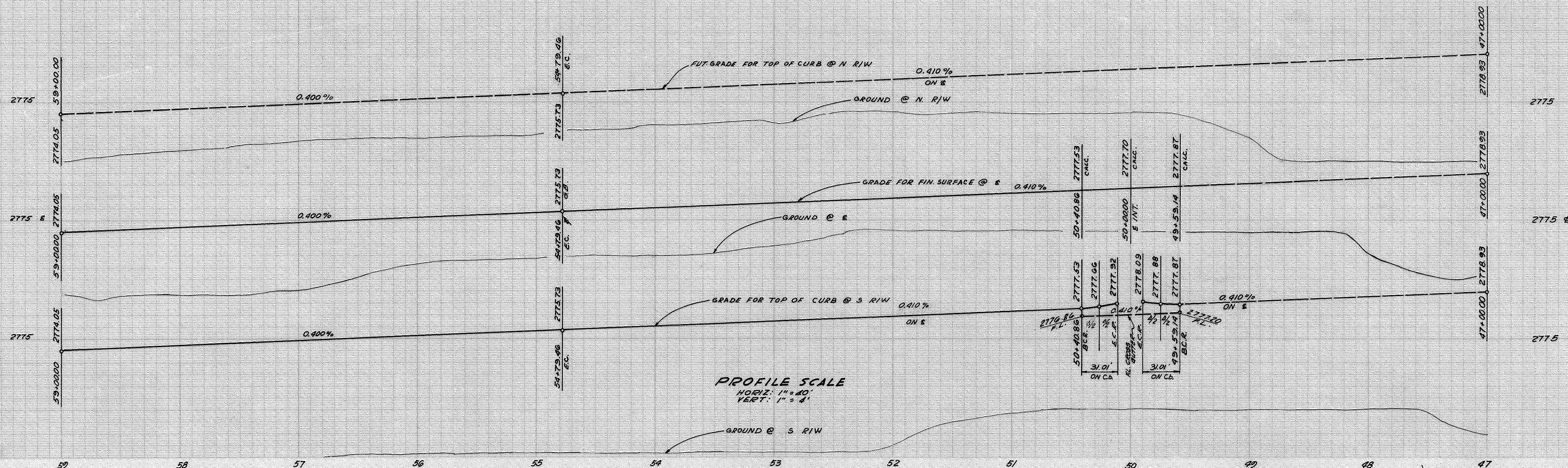
BY: **G. M. CUMBEY**
SIGNATURE: *G. M. Cumbe* R.E. No. 14297

MARK	REVISIONS	APPR	DATE
1	Rev. Note 17		6/14/73
2	Rev. Typ. Sec. 66 R/W Joints for Paving		6/14/73
3	Rev. Typ. Sec. 66 R/W Joints for Paving		6/14/73
4	Added St. 31.14 to 31.14		6/14/73
5	Added St. 31.14 to 31.14		6/14/73
6	Added St. 31.14 to 31.14		6/14/73
7	Added St. 31.14 to 31.14		6/14/73
8	Added St. 31.14 to 31.14		6/14/73
9	Added St. 31.14 to 31.14		6/14/73
10	Added St. 31.14 to 31.14		6/14/73

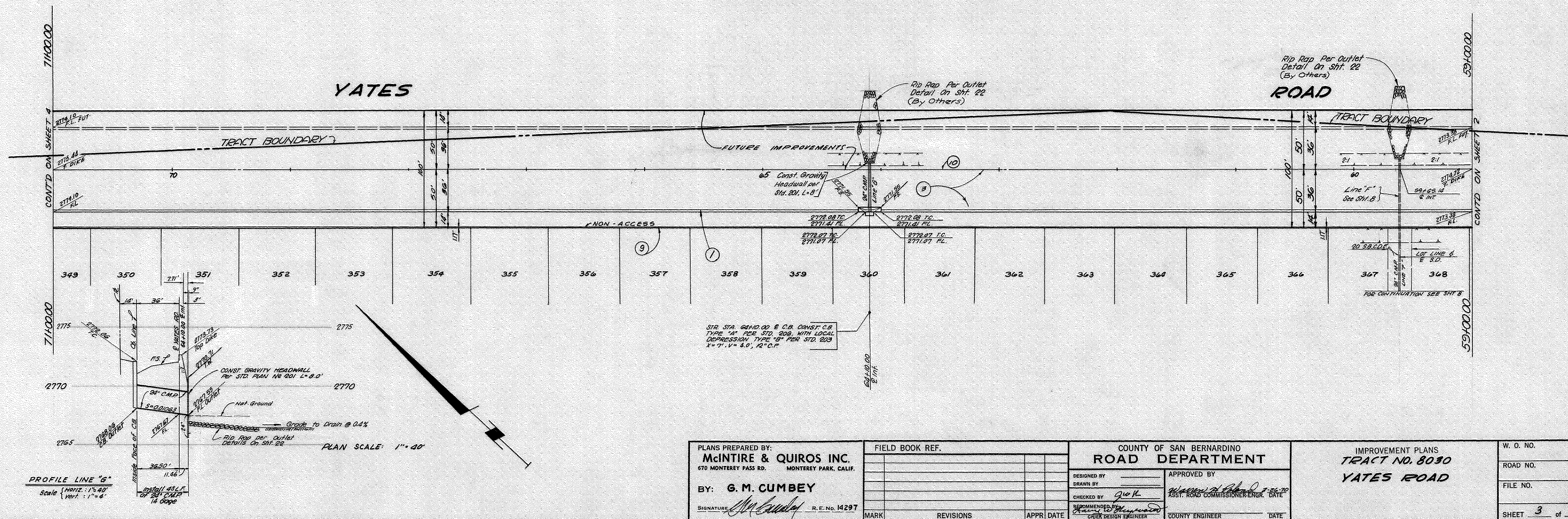
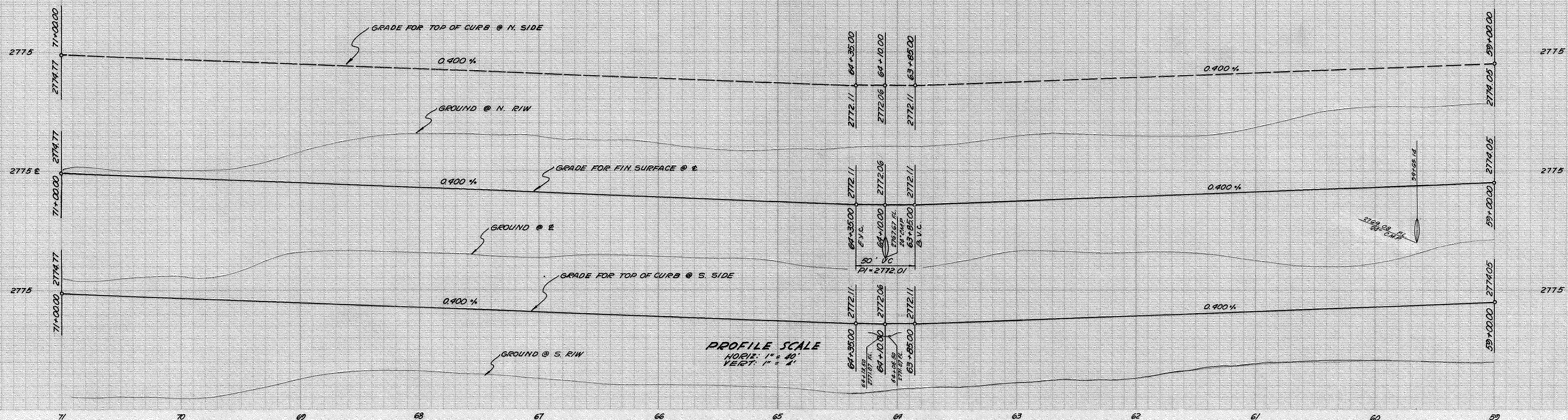
COUNTY OF SAN BERNARDINO
ROAD DEPARTMENT

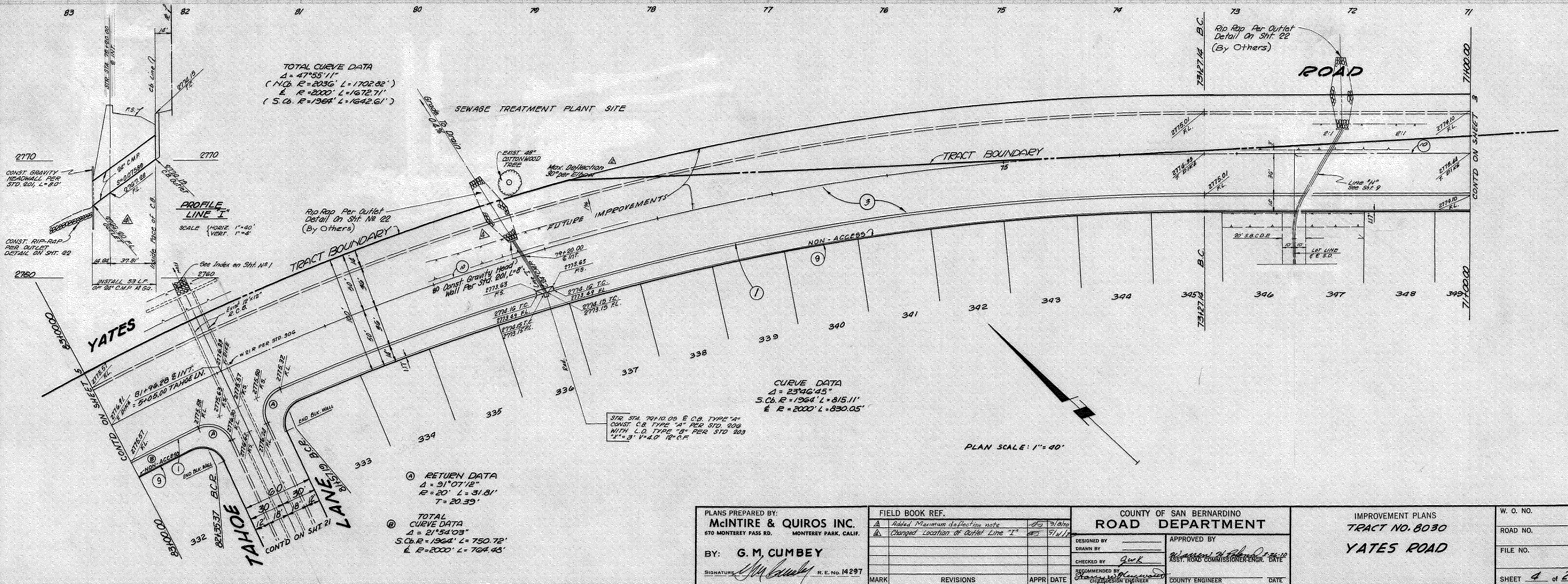
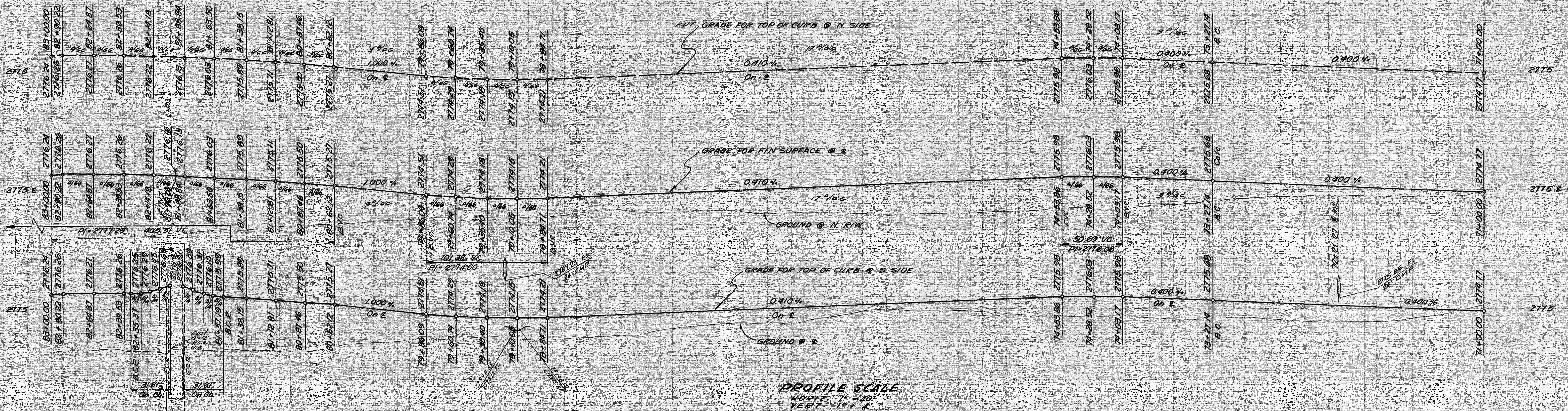
DESIGNED BY: *W. H. Belmont*
DRAWN BY: *W. H. Belmont*
CHECKED BY: *W. H. Belmont*
APPROVED BY: *W. H. Belmont*
COUNTY ENGINEER DATE

IMPROVEMENT PLANS
TRACT NO. 8030
TITLE SHEET
SHEET 1 of 22

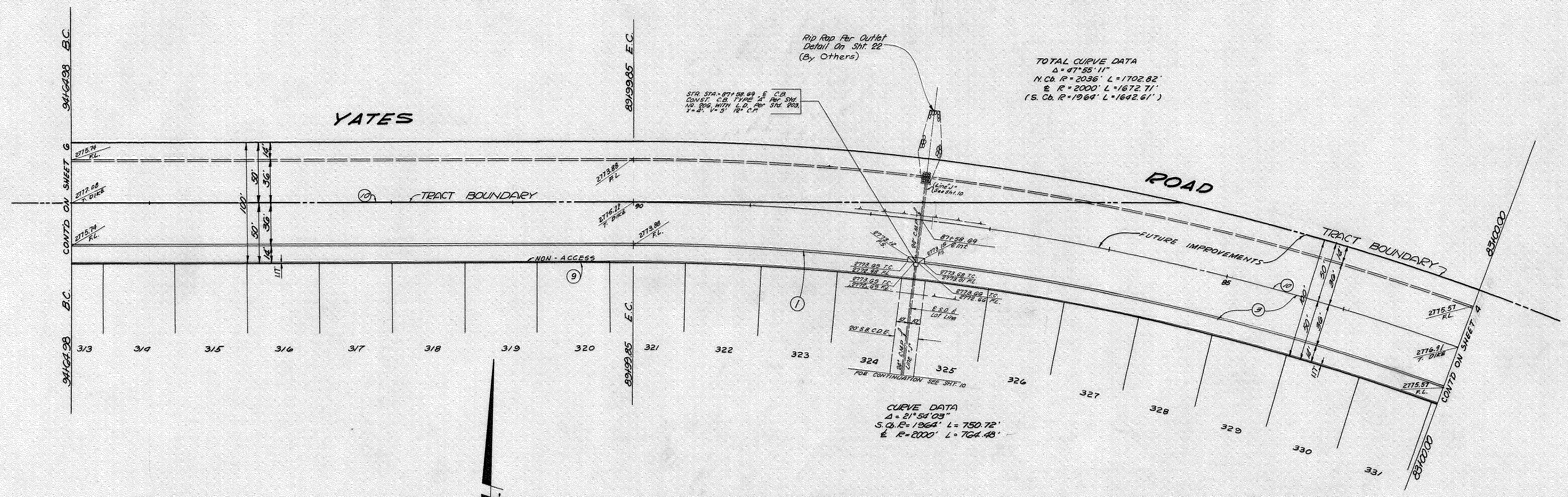
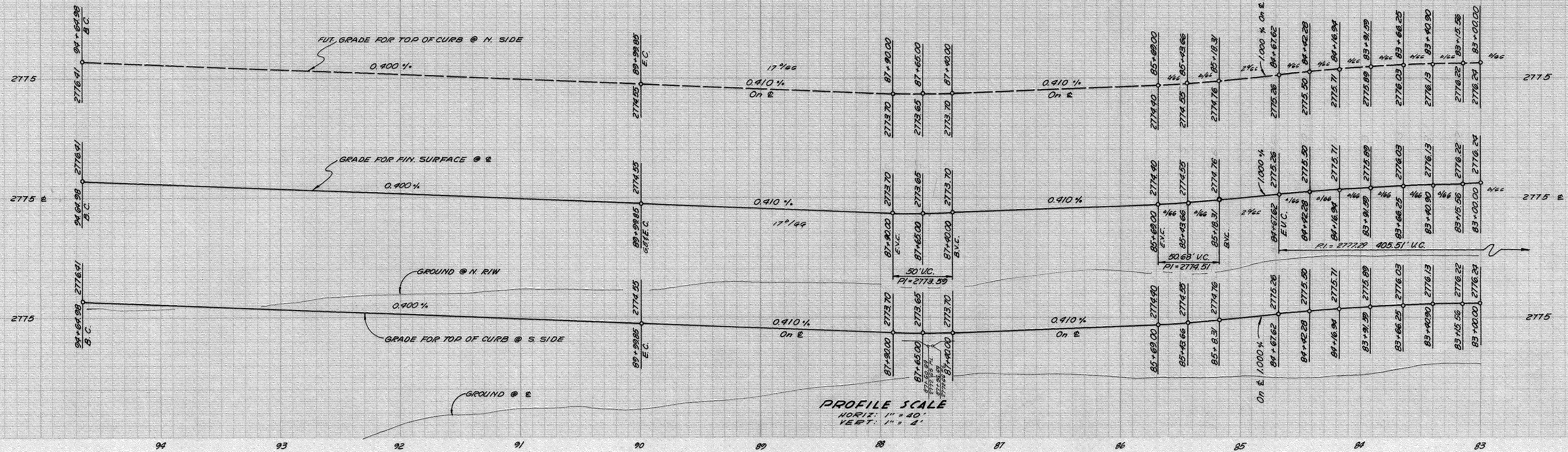


PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF.		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8030 YATES ROAD		W. O. NO.	
BY: G. M. CUMBEY SIGNATURE: <i>G. M. Cumbe</i> R. E. No. 14297		DESIGNED BY DRAWN BY CHECKED BY: <i>QVK</i> RECOMMENDED BY: <i>James W. Hays</i> CHIEF DESIGN ENGINEER		APPROVED BY <i>James W. Hays</i> ASST. ROAD COMMISSIONER ENGR. DATE		COUNTY ENGINEER DATE		ROAD NO. FILE NO. SHEET 2 of 22	
MARK		REVISIONS		APPR. DATE		COUNTY ENGINEER		DATE	





PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF. A Added Maximum deflection note B Changed Location of Outlet Line "I"		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8030 YATES ROAD		W. O. NO. ROAD NO. FILE NO.	
BY: G. M. CUMBEY SIGNATURE: <i>G. M. Cumbe</i> R.E. No. 14297		DESIGNED BY DRAWN BY CHECKED BY <i>Juk</i> RECOMMENDED BY <i>James J. McQuinn</i> COUNTY ENGINEER		APPROVED BY <i>James J. McQuinn</i> ASST. ROAD COMMISSIONER-ENGR. DATE		DATE		SHEET 4 of 22	



PLAN SCALE: 1" = 40'

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

BY: **G. M. CUMBEY**
 SIGNATURE: *G. M. Cumbey* R.E. No. 14297

FIELD BOOK REF.

MARK	REVISIONS	APPR	DATE

COUNTY OF SAN BERNARDINO
ROAD DEPARTMENT

DESIGNED BY: *Warren H. ...*
 DRAWN BY: *...*
 CHECKED BY: *...*
 RECOMMENDED BY: *...*
 COUNTY ENGINEER: *...* DATE: *...*

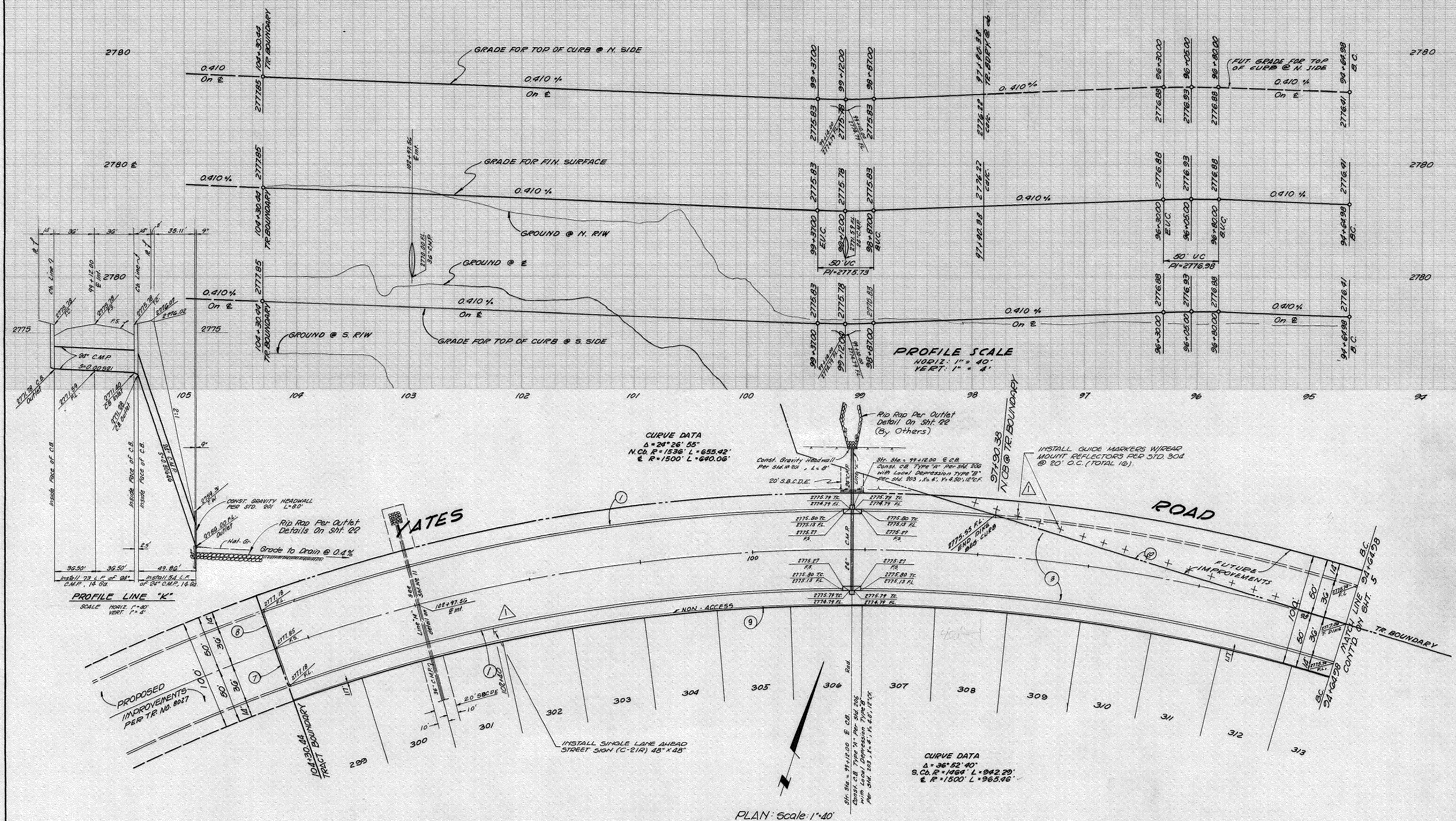
IMPROVEMENT PLANS
TRACT NO. 8030
YATES ROAD

W. O. NO.

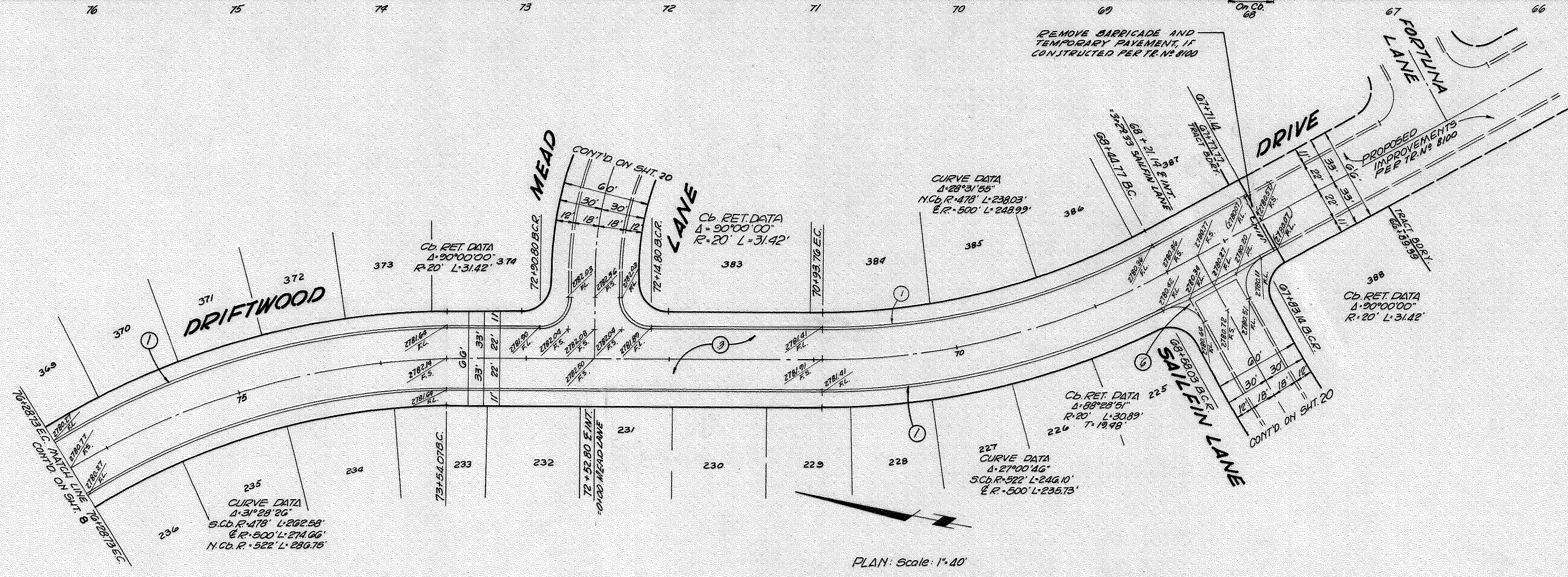
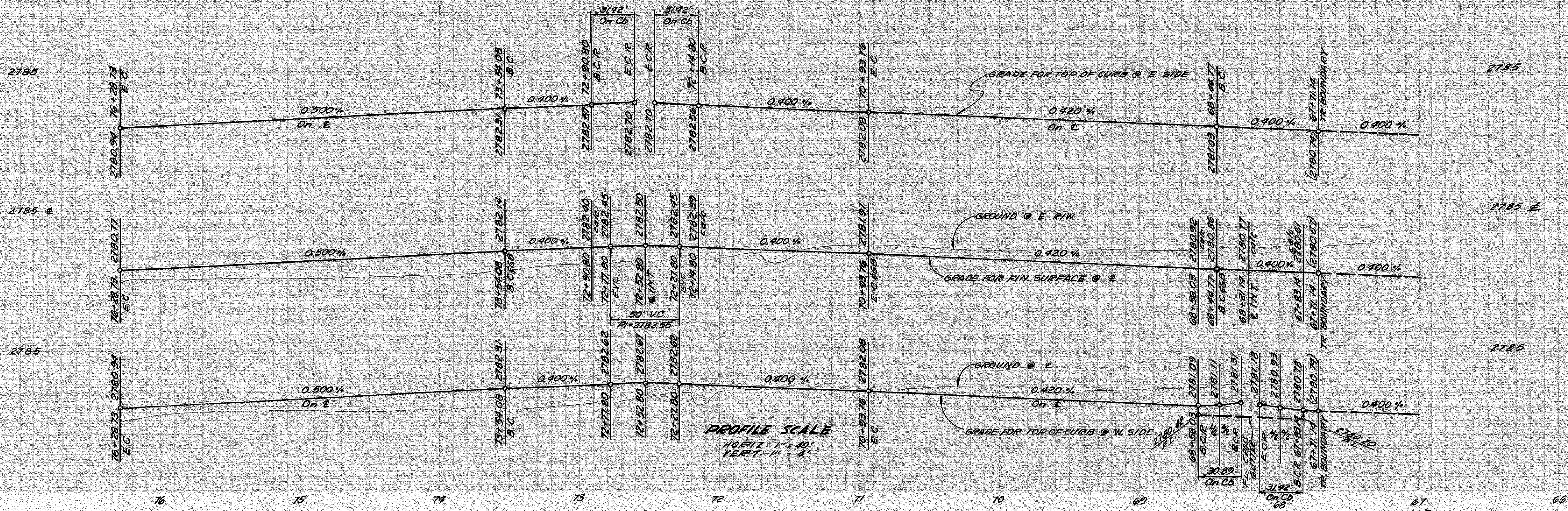
ROAD NO.

FILE NO.

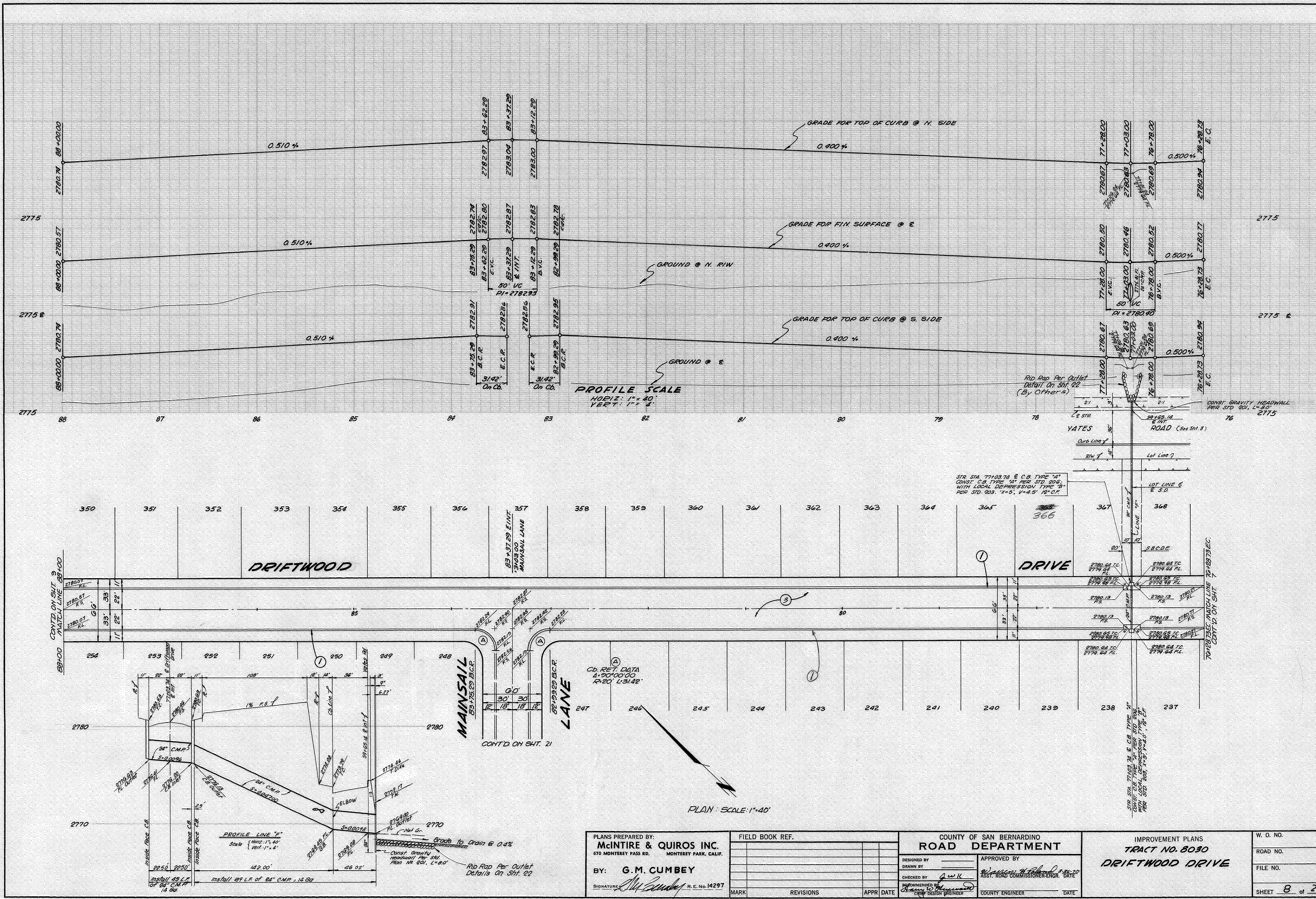
SHEET **5** of **22**



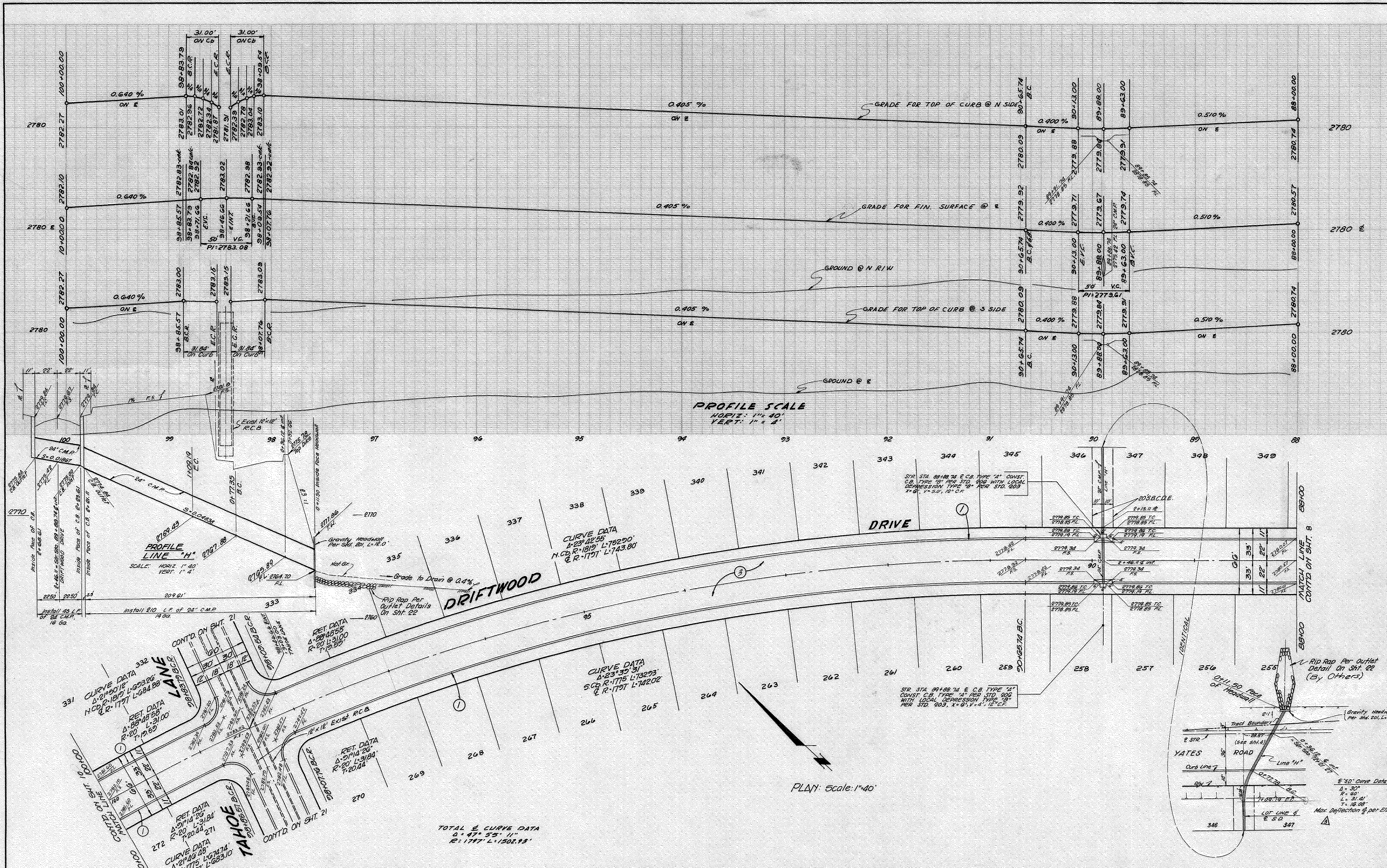
PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF.		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8030 YATES ROAD		W. O. NO. ROAD NO. FILE NO.	
BY: G. M. CUMBEY SIGNATURE: <i>G. M. Cumbe</i> R.E. No. 14297		DESIGNED BY DRAWN BY CHECKED BY <i>G. M. C.</i> RECOMMENDED BY <i>G. M. C.</i> COUNTY ENGINEER		APPROVED BY <i>W. J. [Signature]</i> 7-26-70 ASST. ROAD COMMISSIONER-ENGR. DATE		SHEET 6 of 22			
Added 5th Sign & Guide Markers		REVISIONS		APPR DATE		COUNTY ENGINEER			



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		W. O. NO.	
BY: G. M. CUMBEY SIGNATURE: <i>G. M. Cumbe</i> R.E. No. 14297		DESIGNED BY DRAWN BY		APPROVED BY <i>William H. Palmer</i> 5-24-70 ASST. ROAD COMMISSIONER-ENGR. DATE		DRIFTWOOD DRIVE		ROAD NO.	
CHECKED BY RECOMMENDED BY		COUNTY ENGINEER		DATE		FILE NO.		SHEET 7 of 22	
MARK		REVISIONS		APPR DATE		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. 8030 DRIFTWOOD DRIVE		W. O. NO.	
BY: G.M. CUMBEY		DESIGNED BY		APPROVED BY		ASST. ROAD COMMISSIONER-ENGR. DATE		ROAD NO.	
SIGNATURE <i>G.M. Cumbe</i> R.E. No. 14297		CHECKED BY <i>G.W.K.</i>		RECOMMENDED BY <i>G.W.K.</i>		COUNTY ENGINEER DATE		FILE NO.	
MARK		REVISIONS		APPR. DATE		DATE		SHEET 8 of 22	



PLANS PREPARED BY: McINTIRE & QUIROS INC. 670 MONTEREY PASS RD. MONTEREY PARK, CALIF.		FIELD BOOK REF. Added maximum deflection note		COUNTY OF SAN BERNARDINO ROAD DEPARTMENT		IMPROVEMENT PLANS TRACT NO. 8030		W. O. N.O.	
BY: G. M. CUMBEY		DESIGNED BY		APPROVED BY		DRIFTWOOD DRIVE		ROAD NO.	
SIGNATURE <i>G. M. Cumbe</i> R. E. No. 14297		DRAWN BY		ASST. ROAD COMMISSIONER-ENGR. DATE				FILE NO.	
		CHECKED BY		COUNTY ENGINEER				SHEET 9 of 22	
		RECOMMENDED BY		DATE					
		MARK		REVISIONS					
		APPR DATE							