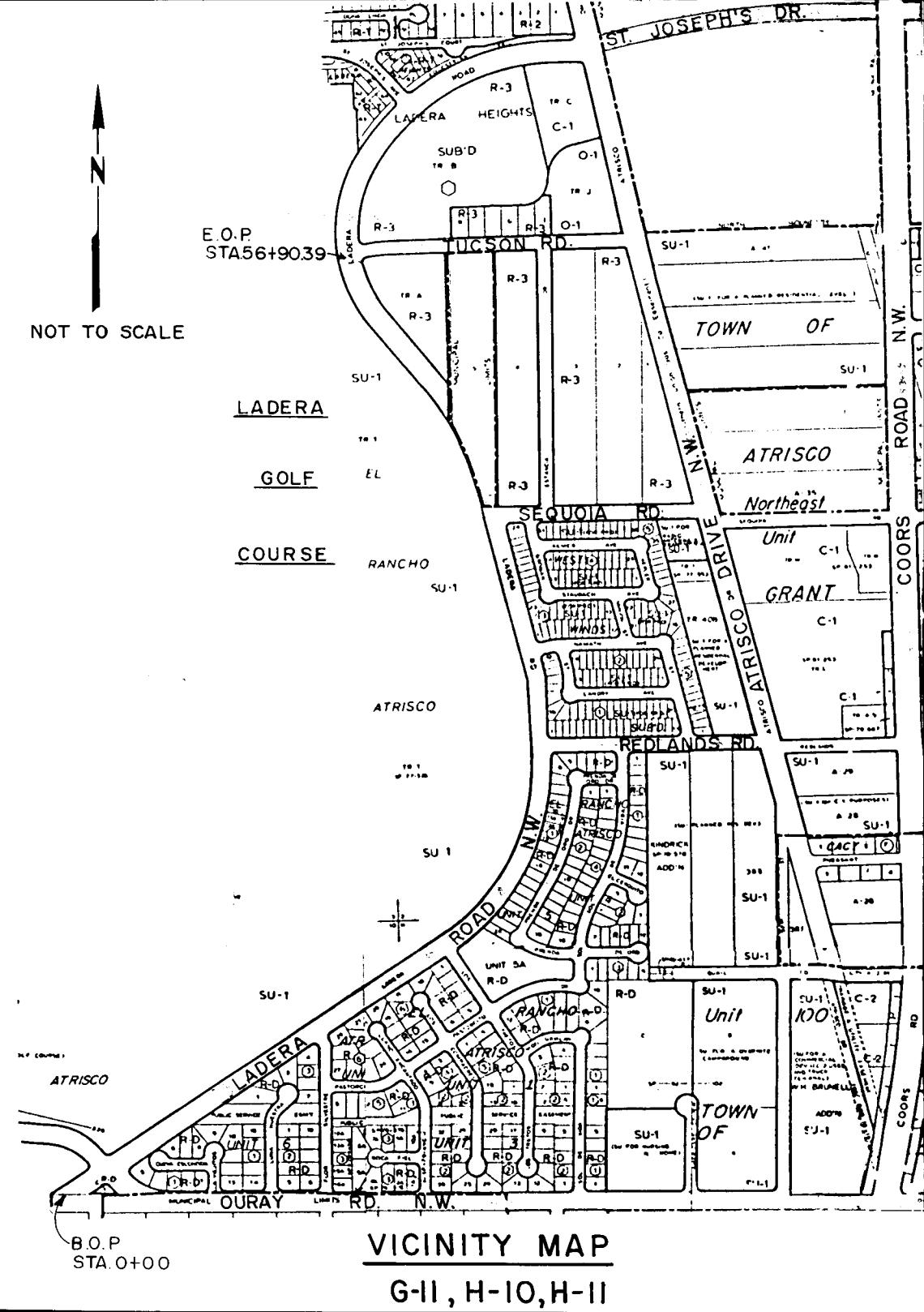




LADERA ROAD N.W.
**CITY OF ALBUQUERQUE, NEW MEXICO
 TRANSPORTATION DEPARTMENT**



INDEX

DESCRIPTION

SHEET NUMBER

TITLE SHEET	1
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CROSS SECTIONS	17
WATERLINE & SANITARY SEWER LINE-PLAN & PROFILE	18

Russell B. Johnson
 3-31-87
 3/25/87
 24340187

SET NO.

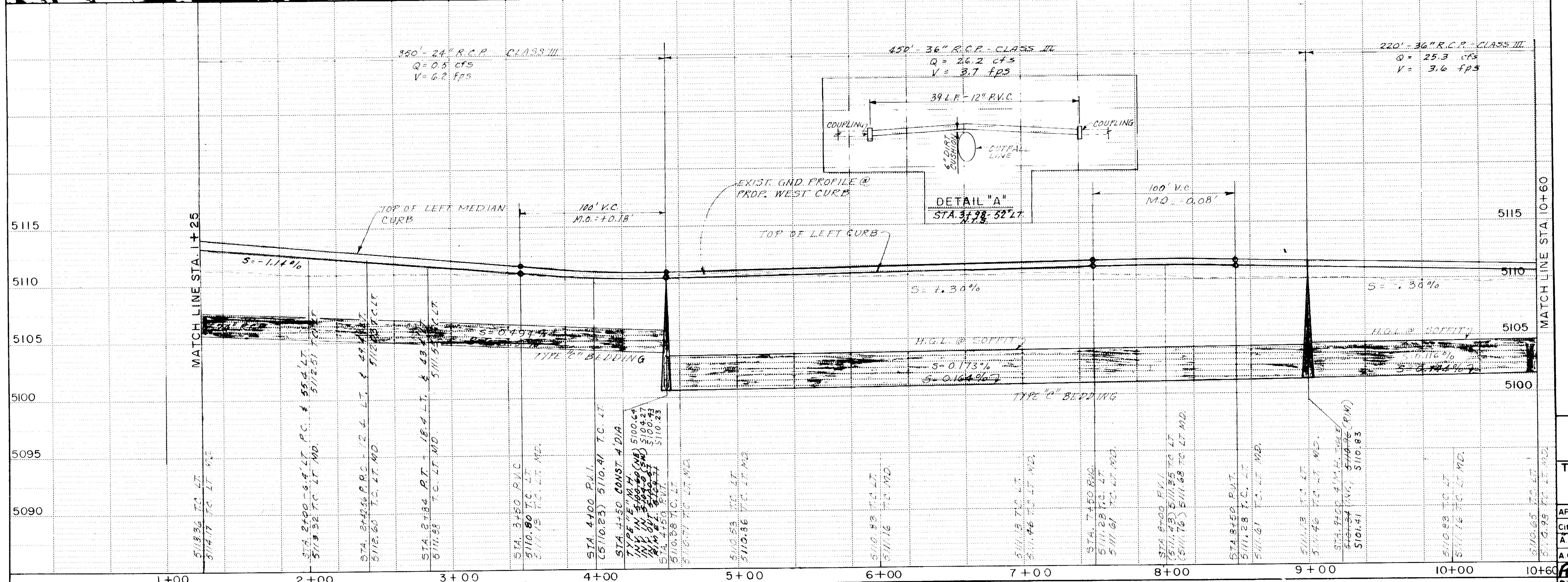
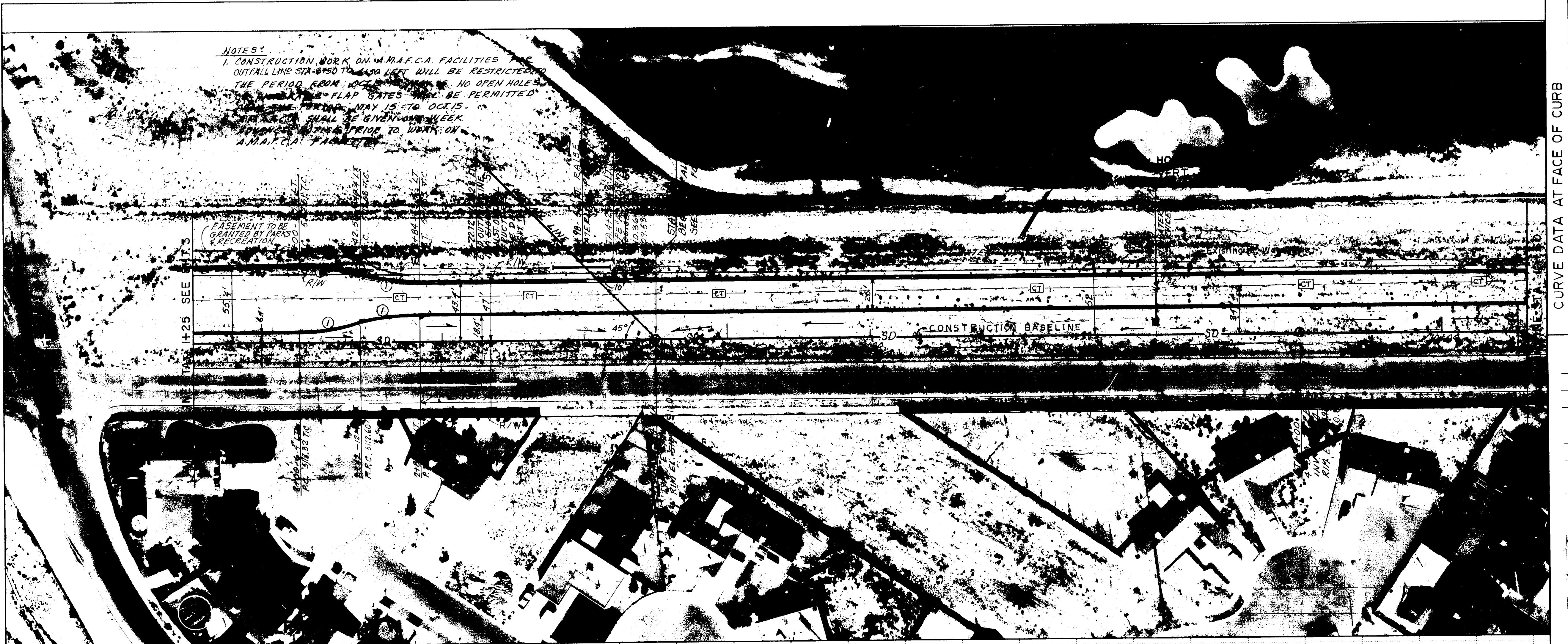
DATE

REV.	LEAVES	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							

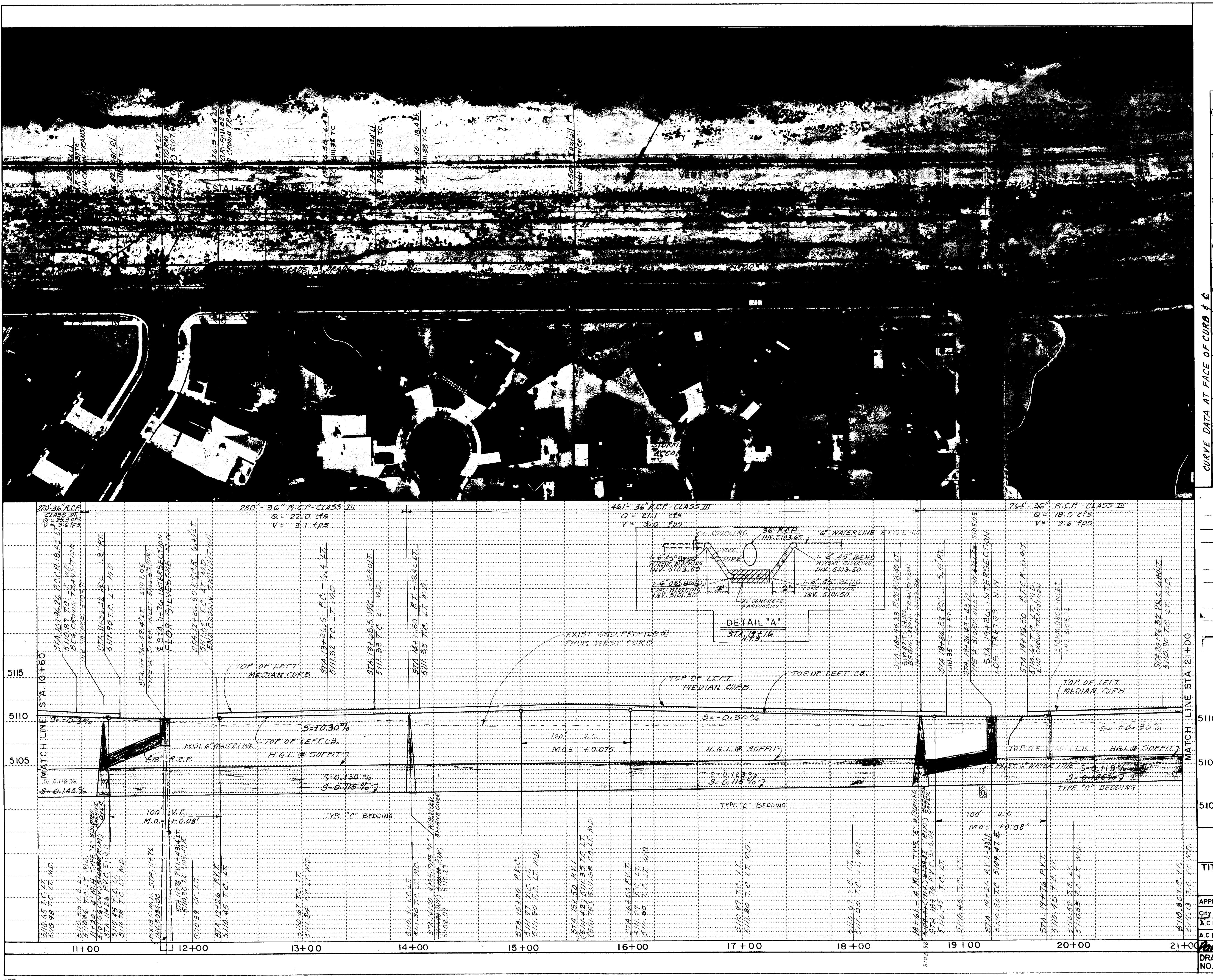
	GARDNER, MASON & ASSOC., INC. ALBUQUERQUE, NEW MEXICO	APPROVED FOR CONSTRUCTION <i>E. Kelly</i> 3/31/86
	SHEET <u>1</u> OF <u>18</u>	

CITY OF ALBUQUERQUE STANDARD DETAILS

BID ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	P-27	TRAFFIC SIGNAL FOUNDATION FOR PEDESTAL (SP) TYPE I, COMPLETE IN PLACE.	EA	12	W-1	WATERLINE IMPROVEMENTS	DRAWING NO.	TITLE	
<u>PAVING IMPROVEMENTS</u>												
P-1	ROADWAY EXCAVATION, MEDIAN EXCAVATION, INCLUDING ALL BACKFILL AND COMPACTION WITHIN THE CONSTRUCTION LIMITS.	Bank CY	5,400	P-28	TRAFFIC SIGNAL PULL BOX, STANDARD COMPLETE IN PLACE.	EA	6	W-2	6" WATER MAIN, INCL. PIPE, T.B.C., ALL DEPTHS, COMPLETE IN PLACE.	LF	250	S-2 S-5
<u>SEWER</u>												
P-2	BORROW AND HAULING OF SUITABLE FILL MATERIAL.	CY	13,440	P-29	TRAFFIC SIGNAL ELECTRICAL CONDUIT, 2" PVC SCHEDULE 40, COMPLETE IN PLACE, INCLUDING CONNECTIONS TO EXISTING CONDUITS.	LF	960	W-3	12" WATER MAIN, INCL. PIPE, T.B.C., ALL DEPTHS COMPLETE IN PLACE.	LF	1,497	Manhole Type "E" Manhole Frames and Covers
<u>WATER</u>												
P-3	REMOVAL AND DISPOSAL OF EXISTING ASPHALTIC CONCRETE CURB.	LF	4,325	P-30	2" PVC SCHEDULE 40 CONDUIT FOR STREET LIGHTS, INCLUDING PULL BOXES, COMPLETE IN PLACE.	LF	805	W-4	NON-PRESSURIZED CONNECTION COMPLETE, IN PLACE.	EA	2	W-10 W-14 W-15 W-16 W-18
<u>DRAINAGE</u>												
P-4	CUTTING, REMOVAL AND DISPOSAL OF EXISTING SIDEWALK.	SY	62	P-31	STANDARD PULL BOX FOR STREET LIGHTS, COMPLETE IN PLACE.	EA	8	W-5	INSERTION ONLY (COST OF FITTINGS NOT INCLUDED) OF CI, MJ FITTINGS INTO EXISTING WATER MAINS 10" THRU 16".	LB	60	K-3 K-7 K-8 K-9 K-11
<u>PAVING</u>												
P-5	REMOVAL AND DISPOSAL OF EXISTING PCC CONCRETE CURB AND GUTTER.	LF	225	P-32	SIGNS FOR CONSTRUCTION.	SF	1,300	W-6	CI FITTINGS, MJ, 4" THRU 14" CLASS 250, WITH ALL JOINTING MATERIAL, IN PLACE.	LB	1,960	Storm Inlet Type "A" Single Grate Storm Inlet Transition Storm Inlet Frame Storm Inlet Albuquerque Grate Center Support Assembly
<u>ARTERIAL AND COLLECTOR STREETS</u>												
P-6	CUTTING, REMOVAL AND DISPOSAL OF EXISTING ASPHALTIC CONCRETE PAVING.	SY	2,680	P-34	BARRICADES, TYPE III, 8"	EA	40	W-7	6" GATE VALVES, COMPLETE IN PLACE.	EA	4	P-3 P-8 P-13 P-14 P-16 P-17 P-18 P-24 P-25
<u>CURB AND GUTTER & TEMPORARY PAVING SECTION</u>												
P-7	ASPHALTIC CONCRETE SURFACE COURSE, 1&frac{1}{4}" THICK, 1,800 LB STABILITY, MACHINE LAYDOWN.	SY	25,800	P-36	CHANNELIZATION DEVICE BARREL 20 to 55 GALLONS.	EA	200	W-8	12" GATE VALVE, COMPLETE IN PLACE.	EA	1	P-14 P-15 P-16 P-17 P-18 P-24 P-25
<u>SIDEWALK DETAILS</u>												
P-8	ASPHALTIC CONCRETE SURFACE COURSE 2" THICK, 1,500 LB. STABILITY, MACHINE LAYDOWN.	SY	230	P-37	VERTICAL PANELS BACK TO BACK SELECT BORROW (DAM)	EA	90	W-9	VALVE BOXES IN PLACE, TYPE B.	EA	5	P-14 P-15 P-16 P-17 P-18 P-24 P-25
<u>SIDEWALK OBSTRUCTIONS</u>												
P-9	EMULSIFIED ASPHALT TACK COAT, COMPLETE IN PLACE.	SY	25,800	P-38	W-10 FIRE HYDRANT, 4&frac{1}{2}' BURY, MJ, IN PLACE.	EA	2	T-1 T-2 T-3 T-4 T-5 T-6 T-7 T-8	FIRE HYDRANT INSTALLATION, IN PLACE.	EA	-2	T-1 T-2 T-3 T-4 T-5 T-6 T-7 T-8
<u>WHEELCHAIR RAMP</u>												
P-10	ASPHALTIC CONCRETE BASE COURSE, 2&frac{1}{4}" THICK, 1,500 LB. STABILITY, MACHINE LAYDOWN.	SY	25,800	K-1	18" R.C.P., CLASS III, TYPE "C" BEDDING, COMPLETE IN PLACE.	LF	635	W-11	6" GATE VALVE, COMPLETE IN PLACE.	EA	-2	Arterial and Collector Streets Curb and Gutter & Temporary Paving Section Sidewalk Details Sidewalk Obstructions Wheelchair Ramp Wheelchair Ramp Mountable to Standard Curb Transition Manhole and Valve Box Regrading Citywide Pavement Cuts for All Utilities
<u>WHEELCHAIR RAMP</u>												
P-11	ASPHALT TREATED BASE COURSE, 4" THICK, 1000 LB. STABILITY MACHINE LAYDOWN.	SY	25,800	K-2	24" R.C.P., CLASS III, TYPE "C" BEDDING, COMPLETE IN PLACE.	LF	1,585	W-12	BLOCKING FOR WATER PIPE, PORTLAND CEMENT PLAIN CONCRETE, IN PLACE.	CY	20	P-14 P-15 P-16 P-17 P-18 P-24 P-25
<u>MOUNTABLE TO STANDARD CURB TRANSITION</u>												
P-12	PROCESS AND COMPACT EXISTING SUBBASE OR IMPORTED MATERIAL, THAT HAS A SOIL BEARING VALUE OF 20 OR MORE, 8" THICK, COMPLETE IN PLACE.	SY	27,300	K-3	30" R.C.P., CLASS III, TYPE "C" BEDDING, COMPLETE IN PLACE.	LF	1,300	S-1	8" SAS LINE, INCLUDING TRENCHING, ALL DEPTHS, COMPLETE IN PLACE.	LF	440	T-1 T-2 T-3 T-4 T-5 T-6 T-7 T-8
<u>MANHOLE FOUNDATIONS</u>												
P-13	SUBGRADE PREPARATION. PROCESS AND COMPACT EXISTING MATERIAL THAT HAS A SOIL BEARING VALUE OF 20 OR MORE, 12" THICK, COMPLETE IN PLACE.	SY	27,300	K-4	36" R.C.P., CLASS III, TYPE "C" BEDDING, COMPLETE IN PLACE.	LF	1,855	S-2	4" DIAMETER TYPE "E" SANITARY SEWER MANHOLE, 0'-8" DEPTH, COMPLETE IN PLACE.	EA	3	T-1 T-2 T-3 T-4 T-5 T-6 T-7 T-8
<u>MAINTAINING FOUNDATIONS</u>												
P-14	EXTRUDED ASPHALT CURB.	LF	560	K-5	TRENCHING, BACKFILLING AND COMPACTION FOR 18"- 36" PIPE. 0' - 8' DEPTH.	LF	2,818	S-3	VERTICAL DROP AT NEW AND EXISTING MANHOLES INCLUDING PIPE AND FITTINGS IN PLACE.	VF	13	GENERAL NOTES:
<u>MAINTAINING FOUNDATIONS</u>												
P-15	PORTLAND CEMENT CONCRETE STANDARD CURB AND GUTTER, COMPLETE IN PLACE, INCLUDING SUBGRADE PREPARATION.	LF	7,300	K-6	TRENCHING, BACKFILLING AND COMPACTION FOR 18"- 36" PIPE 8' - 14' DEPTH.	LF	2,560	S-4	4" DIA. TYPE "E" MANHOLE IN PLACE, ADDED COST FOR EACH ADDITIONAL FOOT OVER 8 FEET.	VF	18	1. ALL WORK DETAILED ON THESE PLANS PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1985. 2. REFER TO "CITY OF ALBUQUERQUE INTERIM STANDARD FOR PUBLIC WORKS CONSTRUCTION-1985", FOR TECHNICAL SPECIFICATIONS, STANDARD SERIAL DRAWINGS AND ANY SPECIAL PROVISIONS OR SPECIFICATIONS NEEDED. 3. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES. 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY. 5. ALL WATER, SEWER, AND SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. 6. INSTALLATION OF THE 1" SERVICE LINE AND METER BOX SHALL BE PER CITY STANDARDS DETAIL W-10, W-15, AND W-18, AND SHALL BE COORDINATED THROUGH THE WATER RESOURCES CUSTOMER SERVICES DIVISION, 823-4045. 7. BACKFILL COMPACTION SHALL BE 95% FOR 6" SUBGRADE. 8. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED (STD. DET., P-17). 9. IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER. 10. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND ALL REMOVAL AND DISPOSAL OF PAVEMENT, CURB AND GUTTER AND SIDEWALK SHALL BE OBTAINED BY THE CONTRACTOR. 11. DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. 12. ALL WATER VALVE BOXES SHOULD BE ADJUSTED TO FINISHED GRADE WHERE NECESSARY. 13. ALL MANHOLE RIM ELEVATIONS SHOULD BE ADJUSTED TO FINISHED GRADE WHERE NECESSARY. 14. CROSS SECTIONS ARE FOR GENERAL INFORMATION ONLY. 15. THE CONTRACTOR WILL COORDINATE CONSTRUCTION ACTIVITIES WITH OTHER CONSTRUCTION WORK IN SAME AREA. 16. CLEARING AND GRUBBING IS INCIDENTAL TO ROADWAY EXCAVATION AND SHALL BE INCLUDED IN ROADWAY EXCAVATION ITEM. 17. AMAFCA SHALL BE GIVEN ONE WEEK ADVANCE NOTICE PRIOR TO WORK ON AMAFCA FACILITIES.
<u>MAINTAINING FOUNDATIONS</u>												
P-16	PORTLAND CEMENT CONCRETE MEDIAN CURB AND GUTTER, COMPLETE IN PLACE, INCLUDING SUBGRADE PREPARATION.	LF	7,205	K-7	4" DIAMETER TYPE "E" STORM SEWER MANHOLE, SINGLE GRATE, COMPLETE IN PLACE.	EA	11	K-8	4" DIAMETER TYPE "E" STORM SEWER MANHOLE, WITH SLOTTED BEEHIVE TYPE COVER, LESS THAN 6' DEPTH IN PLACE.	EA	7	EXIST. TELEPHONE BOX EXIST. GAS REGULATOR EXIST. GAS EXIST. WATER & VALVE EXIST. SANITARY SEWER & MANHOLE EXIST. STORM DRAIN & MANHOLE EXIST. UNDERGROUND ELECTRIC EXIST. UNDERGROUND TELEPHONE EXIST. UNDERGROUND CABLE TV EXIST. CABLE TV BOX EXIST. FENCE EXIST. RIGHT OF WAY EXIST. POWER POLE PROP. WATER LINE PROP. WATER VALVE PROP. FIRE HYDRANT PROP. WATER METER NEW STORM DRAIN NEW STORM DRAIN MANHOLE NEW STORM DRAIN INLET JUNCTION BOX REINF. CONCRETE PIPE HIGH PRESSURE GAS LINE VERY HIGH PRESSURE GAS LINE TOP OF DRIVEPAD FINISHED FLOOR DRIVE WAY TOP OF GRATE TOP OF CURB TOP OF SIDEWALK FLOW LINE NEW STORM DRAIN MANHOLE WITH SLOTTED BEEHIVE COVER
<u>MAINTAINING FOUNDATIONS</u>												
P-17	PORTLAND CEMENT CONCRETE (RED), 4" THICK, BRICK DESIGN FOR MEDIAN COVER, INCLUDING SUBGRADE PREPARATION.	LF	3,100	K-9	4" DIAMETER TYPE "E" STORM SEWER MANHOLE, 6'-10" DEPTH IN PLACE.	EA	5	K-10	REINFORCED STRUCTURAL CONCRETE FOR OUTFALL STRUCTURE.	CY	8	86-04340-87
<u>MAINTAINING FOUNDATIONS</u>												
P-18	4" THICK CONCRETE SIDEWALK, AND WHEEL CHAIR RAMPS, COMPLETE IN PLACE, INCLUDING SUBGRADE PREPARATION.	SF	1,740	K-11	CONCRETE ENCASEMENT.	CY	50	K-12	36" FLAP GATE WITH ALUMINUM COVER, BRONZE BUSHED HINGES AND NEOPRENE SEAT MOUNTINGS.	EA	1	CITY OF ALBUQUERQUE TRANSPORTATION DEPARTMENT TITLE: LADERA ROAD N.W. ESTIMATED QUANTITIES
<u>MAINTAINING FOUNDATIONS</u>												
P-19	1" WATER SERVICE LINE WITH BOX, COMPLETE IN PLACE.	EA	6	K-13	PLAIN RIPRAP FOR GRAVEL PIT.	CY	3	K-14	18"x36" WYE RCP	EA	1	APPROVALS City Engineer A.C.E.-Design A.C.E.-Hydrology Porter Area Drawing No. 2434
<u>MAINTAINING FOUNDATIONS</u>												
P-20	12" PVC PIPE COMPLETE IN PLACE.	LF	22	K-15	HYDRO MULCH & SEEDING.	SY	17,400	K-16	REMOVED STORM DRAIN	LF	210	ENGINEER J.R. Hale Const. Gordon J. Douglas & Associates Inspectors Mike Tenorio DATE Field Inspection by G.M.A. DATE MICRO FILM INFORMATION
<u>MAINTAINING FOUNDATIONS</u>												
P-21	10" PVC PIPE COMPLETE IN PLACE.	LF	25	K-17								



AS BUILT INFORMATION	
CURVE NO.	○
DELTA	16° 15' 37"
ARC	42.569
RAD	150.000
TAN	21.429
CURVE DATA AT FACE OF CURB	
BENCH MARKS	
CURVE NO.	○
DATE	16/15/87
SET FLUSH WITH THE CURB IN THE MEDIAN ON LADERA AT THE INTERSECTION OF ATRISCO DR LOCATED SECTION AT G.M.A. DATE	16/15/87
MATERIALS	
SD	STORM DRAIN LINE
—	STORM DRAIN INLET
W	EXISTING WATER LINE
W	WATER LINE
■	WATER METER
— CT —	CABLE TELEVISION (LNU)
UE	EXIST. UNDERGROUND ELECTRIC
—	NEW STD. CURB&GUTTER CITY STD. P.R.
—	NEW MEDIAN CURB&GUTTER CITY STD. P.R.
—	NEW 4' WIDE A.C. SHOULDER
LEGEND	
BENCH MARKS	
○	ACS BRASS TABLET STAMPED 5-G-II
CONTRACTOR J.R. HALE CONST.	
MATERIALS	
WATER GROUNDS CO. INC. ASSOC.	
INSPECTORS MIKE TENORIO DATE	
FIELD INSPECTOR MIKE TENORIO DATE	
SAFETY BY G.M.A. DATE	
CORRECTED BY G.M.A. DATE	
MICRO-FILM INFORMATION	
SEC. 2. T. 10 N. R. 2 E.	
STATE PLANE COORDINATE SYSTEM	
(CENTRAL ZONE) X = 363,386.13 Y = 1,501,984.32 ELEVATION 511.02	
SURVEY INFORMATION	
ENGINEER'S SEAL	
FIELD NOTES	
NO. BY DATE	
REMARKS BY	
DESIGN BY DATE	
DRAWN BY DATE	
CHECKED BY DATE	
APPROVALS ENGINEER DATE APPROVALS ENGINEER DATE	
City Engineer 1/10/86 Liquid Waste 1/10/86	
ACE-Design 1/26/85 Traffic 1/26/85	
ACE-Hydrology 1/26/85 Water 1/26/85	
Park Dept. 1/26/85 Parks 1/26/85	
TITLE: LADERA ROAD N.W. PLAN & PROFILE STA 0+00 TO STA 10+60	
DRAWING NO. 2434 MAP NO. G-II, H-10, II SHEET 4 OF 18	



DELTA	58°24'43"	121°35'17"	180°00'00"	56°44'06"	16°15'38"	56°44'06"	18°53'53"	05°44'11"
ARC	50.974	16.977	37.699	951.37'	42.568'	992.37'	49.475'	99.696'
RAD	50.00'	8.000'	12.00	960.78'	150.000'	1002.18'	150.000'	995.780'
TAN	27.951	14.311	-	518.78'	21.428'	541.14'	24.964'	49.890'

LEGEND

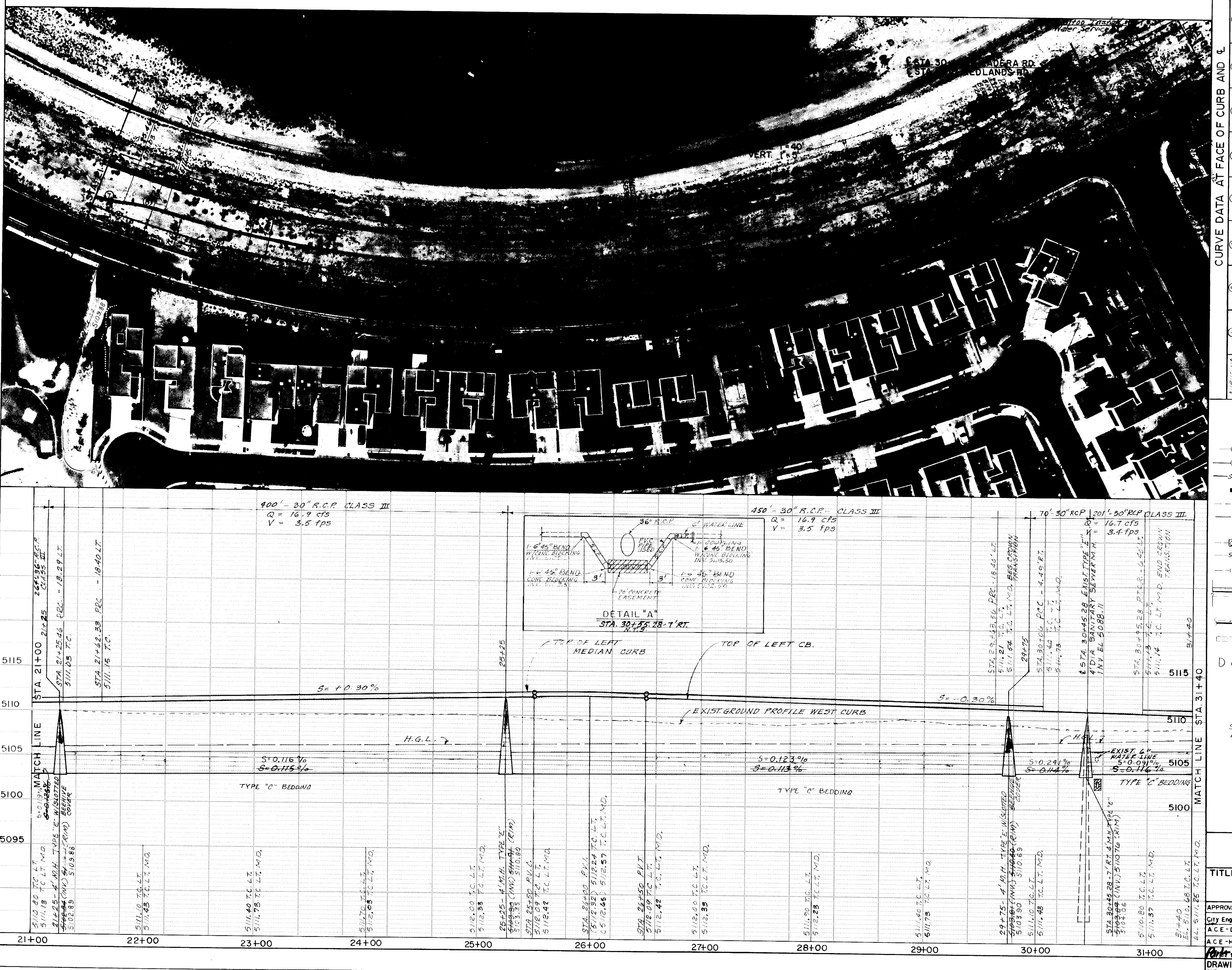
IN MANHOLE W/SLOTTED
PIPE COVER (SEE SHT. 16)
DRAIN MANHOLE
DRAIN LINE
DRAIN INLET
G WATER LINE
LINE
METER

**CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENT**

LADERA ROAD N.W.
PLAN & PROFILE
10+60 TO 21+00

ER	DATE	APPROVALS	ENGINEER	DATE
	3/28/86	Liquid Waste	N/A BZ	1-10-86
	3/28/86	Traffic	D. G. Pugh	1-10-86
	3/28/86	Water	BZ	1-10-86

MAP NO. G-II, H-10, II SHEET 5 OF 18



CURVE NO.	①	②	③	④	⑤	⑥	⑦	⑧
DELTA	58°09'17"	121°34'11"	180°00'08"	56°44'06"	45°48'25"	56°44'06"	180°53'53"	13°58'54"
ARC	50.750'	16.974'	37.699'	951.376'	786.514'	992.37'	49.475'	36.604'
RAD.	50.000'	8.000'	12.00'	960.780'	983.780'	1002.18'	150.00'	150.00'
TAN.	27.804'	14.305'	-	518.788'	415.635'	541.14'	24.964'	18.393'

LEGEND

- Storm Drain Manhole w/slotted Beehive Type Cover (See Sheet 16)
- STORM DRAIN MANHOLE
- STORM DRAIN LINE
- STORM DRAIN INLET
- EXISTING WATER LINE
- WATER LINE
- WATER METER
- CABLE TELEVISION (EXIST.)
- EXISTING SANITARY SEWERLINE
- EXISTING SANITARY SEWER MANHOLE
- NEW STANDARD CURB & Gutter City Standard P-8
- NEW MEDIAN CURB & GUTTER City Standard P-8
- NEW 4' WIDE A.C. SHOULDER
- 4" THICK P.C.C. (RED) BRICK DESIGN MEDIAN NOSE PAVING

SEE SHEET 3 FOR ABBREVIATIONS

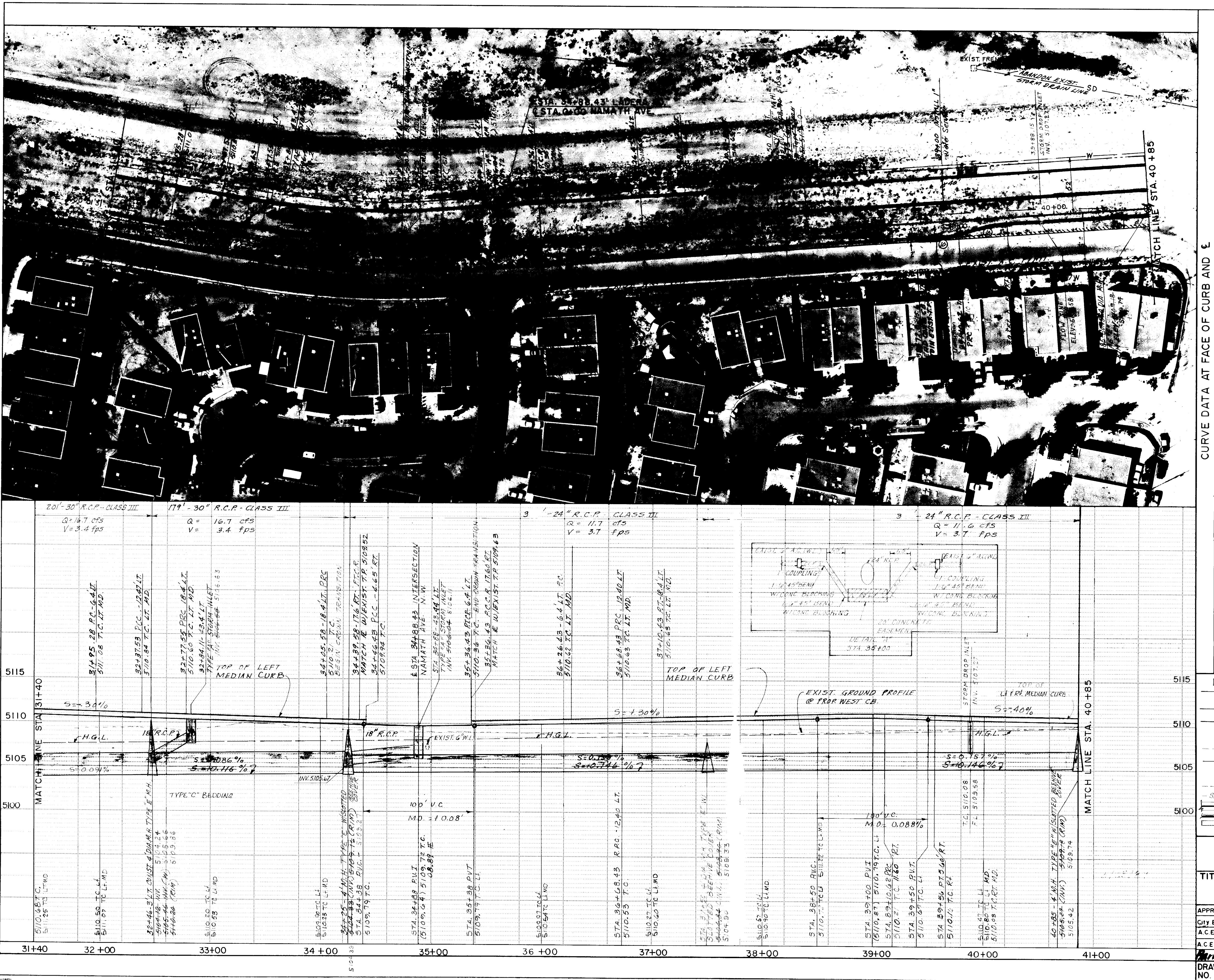
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		A.C.S. BRASS TABLET STAMPED "5-G 11"		CONTRACTOR J.R. HALE CONST.	
NO.	BY	DATE	SET FLUSH WITH THE CURB IN THE MEDIAN ON LADERA AT THE INTERSECTION OF ATRISCO DR. LOCATED 4.4 MILES NORTHWEST OF DOWNTOWN, SEC. 2, T. 10 N., R. 2 E.	WORK GORDON J. DOUGLAS & ASSOC.	DATE 6/86		
			MICHAEL TENARIO	INSPECTOR'S	DATE 6/86		
			FIELD	VERIFICATION BY	DATE		
			DRAWINGS	DRAWINGS	DATE		
			CORRECTED BY	G.M.A.	DATE 2/87		
MICRO-FILM INFORMATION							
DESIGNED BY	C.C. - P.A. - R.P.	DATE	RECORDED BY	Y.	DATE		
DRAWN BY	M.Y. - R.R.	DATE	RECORDED BY	Y.	DATE		
CHECKED BY	G.G.	DATE	RECORDED BY	Y.	DATE		

CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENT

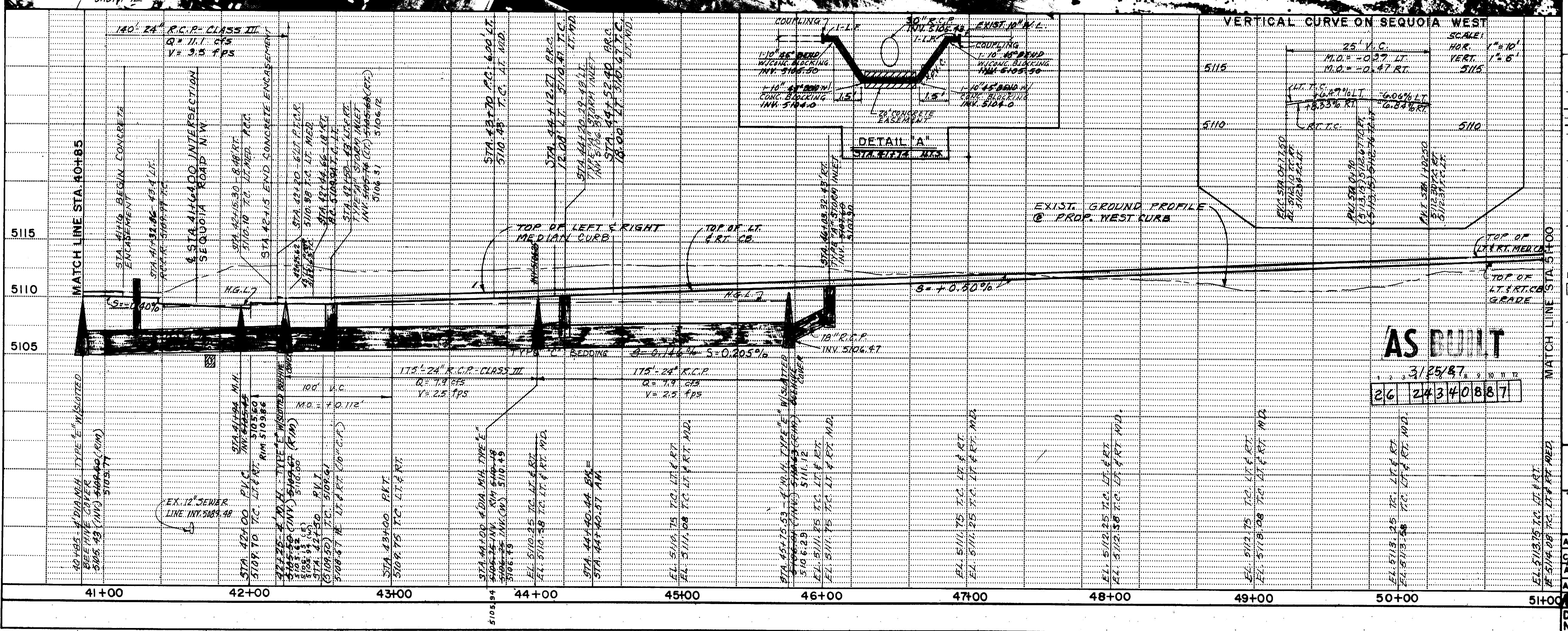
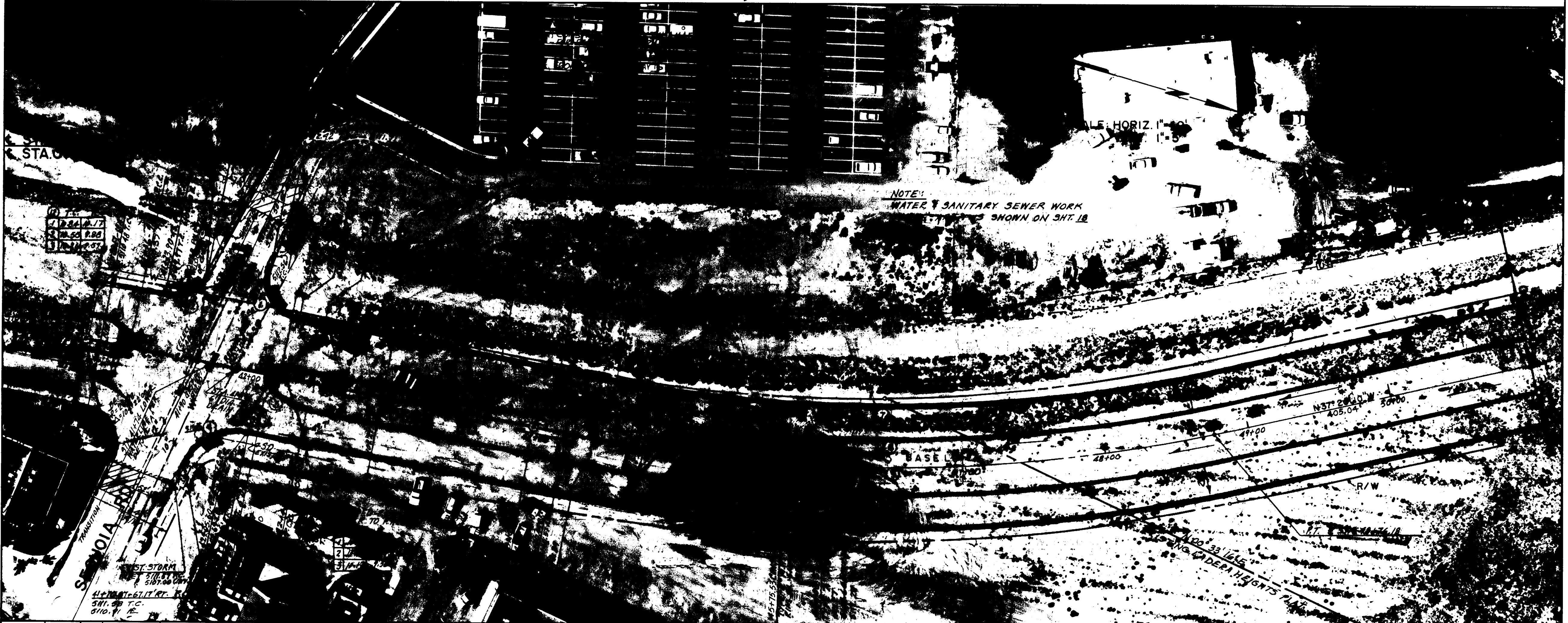
E: **LADERA ROAD N.W.**

PLAN & PROFILE
STA. 21+00 TO STA. 31+40

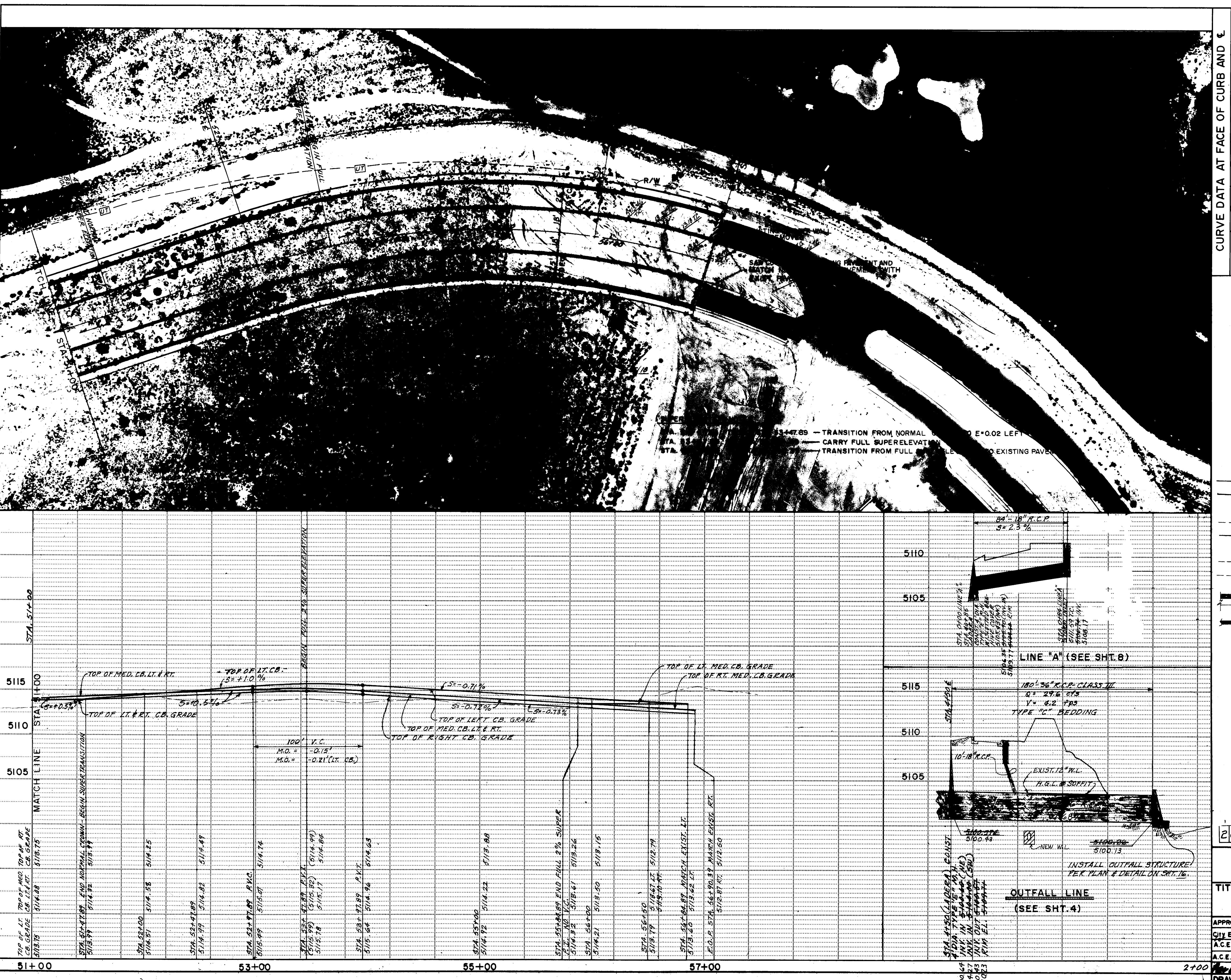
ALNS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
Engineer	Andy Hall	5/5/86	Liquid Waste	N/A	6-10-86
Design	Andy Hall	3/28/86	Traffic	B.O. Gates	1-10-86
Hydrology	Andy Hall	3/28/86	Water	B.P. Hall	1-10-86
REC.	Sandra Babbly 1-10-86				
NG	2434	MAP NO.	SHEET	OF	
		G-II, H-10, II	6	18	



NOTE: SEE SHT. 18A FOR DETAILS OF WEST SIDE
OF INTERSECTION OF SEQUOIA & LADERA (SLOTTED DRAIN)



CITY OF ALBUQUERQUE						
TRANSPORTATION DEPARTMENT						
TITLE:		LADERA ROAD N.W.				
		PLAN & PROFILE				
		STA. 41+00 TO STA. 51+00				
APPROVALS		ENGINEER	DATE	APPROVALS	ENGINEER	DATE
Engineer		<i>[Signature]</i>	3/11/86	Liquid Waste	<i>[Signature]</i>	1-10-86
E.-Design		<i>[Signature]</i>	3/28/86	Traffic	<i>[Signature]</i>	1-10-86
E.-Hydrology		<i>[Signature]</i>	3/28/86	Water	<i>[Signature]</i>	1-10-86
DRAWING		MAP NO.	SHEET	OF		
2434		G-11, H-10, H-11	88	18		
CITY OF ALBUQUERQUE						
TRANSPORTATION DEPARTMENT						
APPROVALS						
ENGINEER'S SEAL						
SURVEY INFORMATION						
BENCH MARKS						
AS BUILT INFORMATION						
CURVE NO.		(1)	(2)	(3)	(4)	
CURVE NO.		(5)	(6)	(7)	(8)	
CURVE NO.		(9)	(10)	(11)		
CURVE NO.		(12)	(13)	(14)		
CURVE NO.		(15)	(16)	(17)		
CURVE NO.		(18)	(19)	(20)		
CURVE NO.		(21)	(22)	(23)		
CURVE NO.		(24)	(25)	(26)		
CURVE NO.		(27)	(28)	(29)		
CURVE NO.		(30)	(31)	(32)		
CURVE NO.		(33)	(34)	(35)		
CURVE NO.		(36)	(37)	(38)		
CURVE NO.		(39)	(40)	(41)		
CURVE NO.		(42)	(43)	(44)		
CURVE NO.		(45)	(46)	(47)		
CURVE NO.		(48)	(49)	(50)		
CURVE NO.		(51)	(52)	(53)		
CURVE NO.		(54)	(55)	(56)		
CURVE NO.		(57)	(58)	(59)		
CURVE NO.		(60)	(61)	(62)		
CURVE NO.		(63)	(64)	(65)		
CURVE NO.		(66)	(67)	(68)		
CURVE NO.		(69)	(70)	(71)		
CURVE NO.		(72)	(73)	(74)		
CURVE NO.		(75)	(76)	(77)		
CURVE NO.		(78)	(79)	(80)		
CURVE NO.		(81)	(82)	(83)		
CURVE NO.		(84)	(85)	(86)		
CURVE NO.		(87)	(88)	(89)		
CURVE NO.		(90)	(91)	(92)		
CURVE NO.		(93)	(94)	(95)		
CURVE NO.		(96)	(97)	(98)		
CURVE NO.		(99)	(100)	(101)		
CURVE NO.		(102)	(103)	(104)		
CURVE NO.		(105)	(106)	(107)		
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CURVE NO.		(120)	(121)	(122)		
CURVE NO.		(123)	(124)	(125)		
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CURVE NO.		(129)	(130)	(131)		
CURVE NO.		(132)	(133)	(134)		
CURVE NO.		(135)	(136)	(137)		
CURVE NO.		(138)	(139)	(140)		
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CURVE NO.		(186)	(187)	(188)		
CURVE NO.		(189)	(190)	(191)		
CURVE NO.		(192)	(193)	(194)		
CURVE NO.		(195)	(196)	(197)		
CURVE NO.		(198)	(199)	(200)		
CURVE NO.		(201)	(202)	(203)		
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CURVE NO.		(219)	(220)	(221)		
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CURVE NO.		(225)	(226)	(227)		
CURVE NO.		(228)	(229)	(230)		
CURVE NO.		(231)	(232)	(233)		
CURVE NO.		(234)	(235)	(236)		
CURVE NO.		(237)	(238)	(239)		
CURVE NO.		(240)	(241)	(242)		
CURVE NO.		(243)	(244)	(245)		
CURVE NO.		(246)	(247)	(248)		
CURVE NO.		(249)	(250)	(251)		
CURVE NO.		(252)	(253)	(254)		
CURVE NO.		(255)	(256)	(257)		
CURVE NO.		(258)	(259)	(260)		
CURVE NO.		(261)	(262)	(263)		
CURVE NO.		(264)	(265)	(266)		
CURVE NO.		(267)	(268)	(269)		
CURVE NO.		(270)	(271)	(272)		
CURVE NO.		(273)	(274)	(275)		
CURVE NO.		(276)	(277)	(278)		
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CURVE NO.		(282)	(283)	(284)		
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CURVE NO.		(288)	(289)	(290)		
CURVE NO.		(291)	(292)	(293)		
CURVE NO.		(294)	(295)	(296)		
CURVE NO.		(297)	(298)	(299)		
CURVE NO.		(300)	(301)	(302)		
CURVE NO.		(303)	(304)	(305)		
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CURVE NO.		(312)	(313)	(314)		
CURVE NO.		(315)	(316)	(317)		
CURVE NO.		(318)	(319)	(320)		
CURVE NO.		(321)	(322)	(323)		
CURVE NO.		(324)	(325)	(326)		
CURVE NO.		(327)	(328)	(329)		
CURVE NO.		(330)	(331)	(332)		
CURVE NO.		(333)	(334)	(335)		
CURVE NO.		(336)	(337)	(338)		
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CURVE NO.		(342)	(343)	(344)		
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CURVE NO.		(351)	(352)	(353)		
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CURVE NO.		(369)	(370)	(371)		
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CURVE NO.		(426)	(427)	(428)		
CURVE NO.		(429)	(430)	(431)		
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CURVE NO.		(462)	(463)	(464)		
CURVE NO.		(465)	(466)	(467)		
CURVE NO.		(468)	(469)	(470)		
CURVE NO.		(471)	(472)	(473)		
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CURVE NO.		(483)	(484)	(485)		
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CURVE NO.		(495)	(496)	(497)		
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CURVE NO.		(501)	(502)	(503)		
CURVE NO.		(504)	(505)	(506)		
CURVE NO.		(507)	(508)	(509)		
CURVE NO.		(510)	(511)	(512)		
CURVE NO.		(513)	(514)	(515)		
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CURVE NO.		(519)	(520)	(521)		
CURVE NO.		(522)	(523)	(524)		
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CURVE NO.		(531)	(532)	(533)		
CURVE NO.		(534)	(535)	(536)		
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CURVE NO.		(540)	(541)	(542)		
CURVE NO.		(543)	(544)	(545)		
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CURVE NO.		(558)	(559)	(560)		
CURVE NO.		(561)	(562)	(563)		
CURVE NO.		(564)	(565)	(566)		
CURVE NO.		(567)	(568)	(569)		
CURVE NO.		(570)	(571)	(572)		
CURVE NO.		(573)	(574)	(575)		
CURVE NO.		(576)	(577)	(578)		
CURVE NO.		(579)	(580)	(581)		
CURVE NO.		(582)	(583)	(584)		
CURVE NO.		(585)	(586)	(587)		
CURVE NO.		(588)	(589)	(590)		
CURVE NO.		(591)	(592)	(593)		
CURVE NO.		(594)	(595)	(596)		
CURVE NO.		(597)	(598)	(599)		
CURVE NO.		(600)	(601)	(602)		
CURVE NO.		(603)	(604)	(605)		
CURVE						



CURVE NO.	①	②	③	④	⑤
DELTA	35° 11' 25"	35° 11' 25"	35° 11' 25"	35° 11' 25"	35° 11' 25"
ARC	435.584'	420.228'	409.171'	398.116'	382.76'
RAD	70.9.20'	684.20'	666.20'	648.20'	623.20'
TAN	224.907'	216.970'	211.269'	205.561'	197.63'

LEGEND

- STORM DRAIN MANHOLE
- SD STORM DRAIN LINE
- STORM DRAIN INLET
- W- EXISTING WATER LINE
- W- WATER LINE
- WATER METER
- CT CABLE TELEVISION (EXIST)
- UT UNDERGROUND TELEPHONE EXIST.
- NEW STD. CURB & GUTTER (CITY STD. P-8)
- NEW MEDIAN CURB & GUTTER (CITY STD. P-8)

AS P.D.
3/25/87

SEE SHT. 3
FOR ABBREVIATIONS

2	3	4	5	6	7	8	9	10	11	12
6	2	4	3	4	0	9	8	7		

CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENT

LE: LADERA ROAD N.W.
PLAN & PROFILE
STA. 51+00 TO STA. 56+90.39 E.O.P.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
Engineer	<i>A. C. S.</i>	3/31/86	Liquid Waste	<i>N/A SR</i>	1-10-86
- Design	<i>M. J. P.</i>	3/28/86	Traffic	<i>D. O. Parke</i>	1-10-86
- Hydrology	<i>M. J. P.</i>	3/28/86	Water	<i>N/A SR</i>	1-10-86

NING MAP NO. SHEET OF 18
2434 G-11, H-10, H-11 9 18

ENGINEER'S SEAL

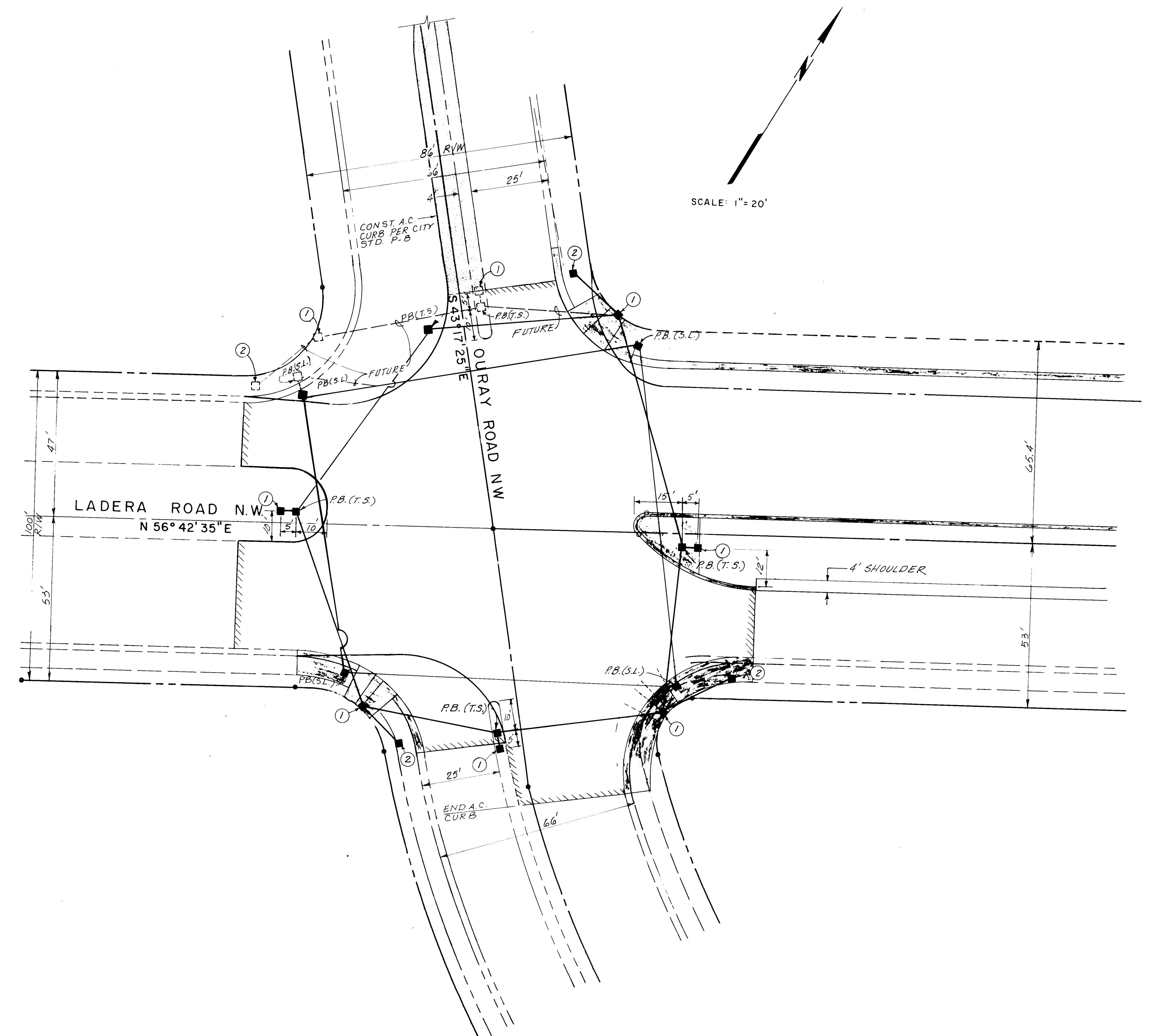
SURVEY INFORMATION

FIELD NOTES		BENCH MARKS		AS BUILT INFORMATION	
A.C.S. BRASS TABLET STAMPED "5-G 11"		SET FLUSH WITH THE CURB IN THE	WORK GORDON J. DOUGLAS & ASSOC.	CONTRACTOR J. R. HALE CONST.	
		MEDIAN ON LADERA AT THE INTER-	STAKED BY	DATE 6/8	
		SECTION OF ATRISCO DR. LOCATED	INSPECTOR'S MIKE TENORIO	ACCEPTANCE BY	
		4.4 MILES NORTHWEST OF DOWNTOWN,	FIELD MIKE TENORIO	VERIFICATION BY	
		SEC. 2, T. 10 N., R. 2 E.	DRAWINGS	DATE	
		STATE PLANE COORDINATE SYSTEM	CORRECTED BY G.M.A.	DATE 2/8	
		(CENTRAL ZONE) X= 363,586.13,	RECORDED BY		
		Y= 1,501,984.32. ELEVATION 5111.02'	NO.		

MICRO-FILM INFORMATION

DESIGNED BY	C.C. - P.A.-RP.	DATE	1-25-85
DRAWN BY	M.Y.	DATE	1-25-85
CHECKED BY	G.G.	DATE	

5833



NOTE:
TRAFFIC SIGNALIZATION
DETERMINED BY CITY TRAFFIC ENGINEER

CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENT

TITLE: LADERA ROAD N.W.
TRAFFIC SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	J. H. G.	3/10/86	Liquid Waste	NIA B-2	1-10-86
A.C.E. Design	M. J. H.	3/29/86	Traffic	D. A. Parker	1-10-86
A.C.E. Hydrology	J. H. G.	3/29/86	Water	NIA B-2	1-10-86
DRAWING NO.	2434	MAP NO.	G-II, H-10, II	SHEET	10 OF 18

AS BUILT INFORMATION					
BENCH MARKS		CONTRACTOR J. R. HALE CONST.			
FIELD NOTES		WORKER GORDON J. DOUGLAS & ASSOC.			
SET FLUSH WITH THE CURB IN THE		INSPECTORS: MIKE TENORIO & S.			
SECTION OF ATRISCO DR. LOCATED		ACCEPTANCE BY DATE			
FIELD LOCATION BY DATE		DRAWINGS BY DATE			
MATERIALS: PULL BOX		CORRECTED BY G.M.A.			
T.S. TRAFFIC SIGNALIZATION		DATE 2-87			
SL. STREET LIGHTING		MICRO-FILM INFORMATION			
TEMPORARY AC PAVEMENT		RECORDED BY DATE			
PER CITY STD. P-8		PULL BOX			
NEW 4' WIDE AC SHOULDER		T.S. TRAFFIC SIGNALIZATION			
(1)	PEDESTAL SIGNAL FOUNDATION TYPE I, CENTER AT BACK OF HANDICAP RAMP OR AS NOTED IN MEDIAN.	(2)	MAST ARM FOUNDATION TYPE II AT CURB RETURN AND ADJACENT TO SIDEWALK.	P.B.	PULL BOX
(1)	CONST. AC CURB PER CITY STD. P-8	(2)	SET ON LADERA DR. LOCATED	T.S.	TRAFFIC SIGNALIZATION
(1)	FB(S.L.)	(2)	SECTION OF ATRISCO DR. LOCATED	SL.	STREET LIGHTING
(1)	FUTURE	(2)	4.4 MILES NORTHWEST OF DOWNTOWN, SEC. 2, T. 10 N., R. 2 E.		
(1)	PB(T.S.)	(2)	STATE PLANE COORDINATE SYSTEM (CENTRAL ZONE) X= 323 586.13, Y= 1501 984.32.		
(1)	PB(T.S.)	(2)	ELEVATION 5111.02		

3/25/87

-6 -4 -4 1087

SCALE : 1" = 20'

LEGEND

- PEDESTAL SIGNAL FOUNDATION
TYPE I. CENTER AT BACK OF
HANDICAP RAMP OR AS NOTED
IN MEDIAN.

MAST ARM FOUNDATION TYPE II.
AT CURB RETURN AND
ADJACENT TO SIDEWALK

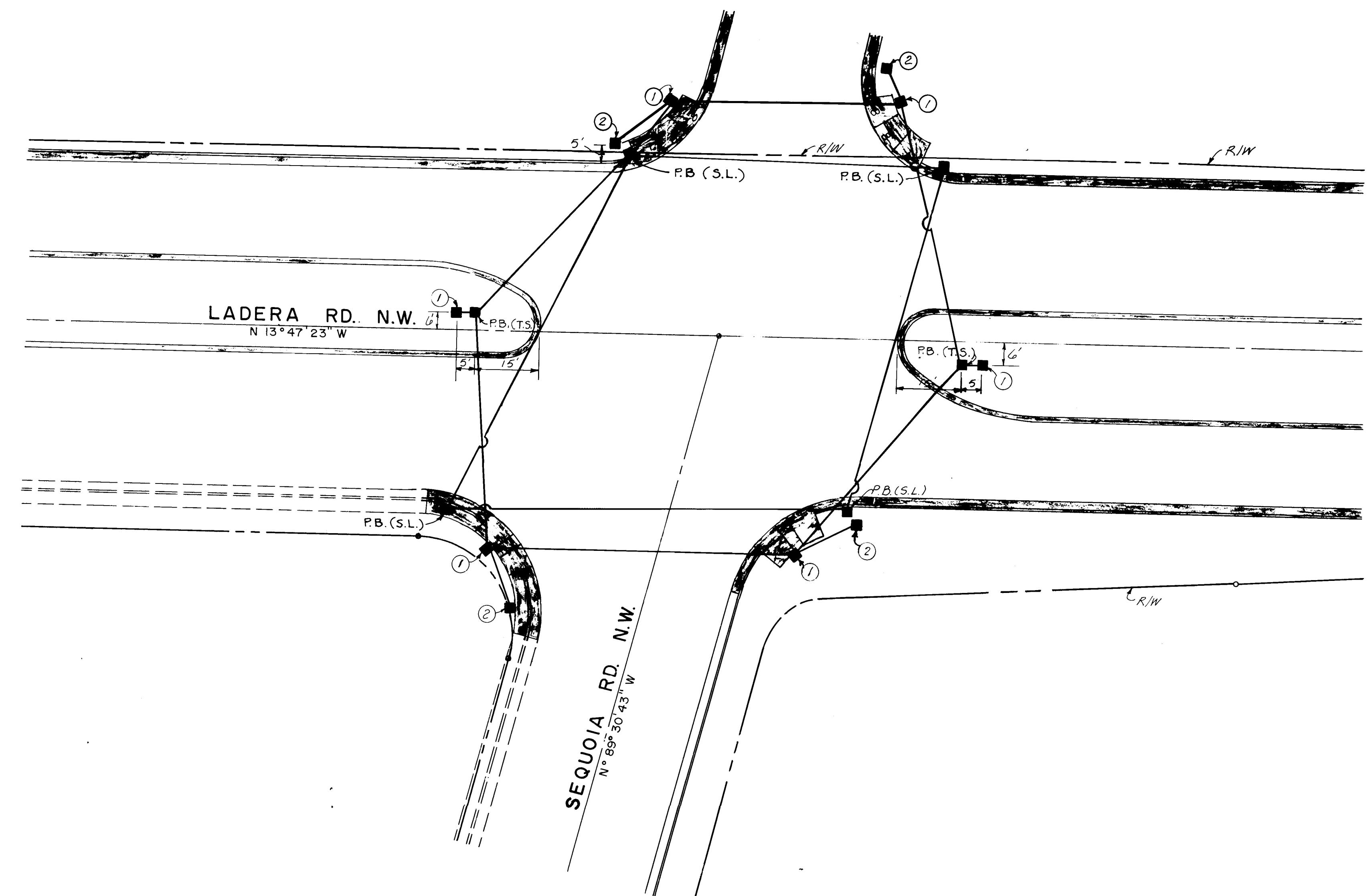
B. PULL BOX

S. TRAFFIC SIGNALIZATION

L. STREET LIGHTING

OTES:
ALL STREET LIGHTING
CONDUIT SHALL BE 2".

- ALL TRAFFIC SIGNALIZATION
CONDUIT SHALL BE 2".



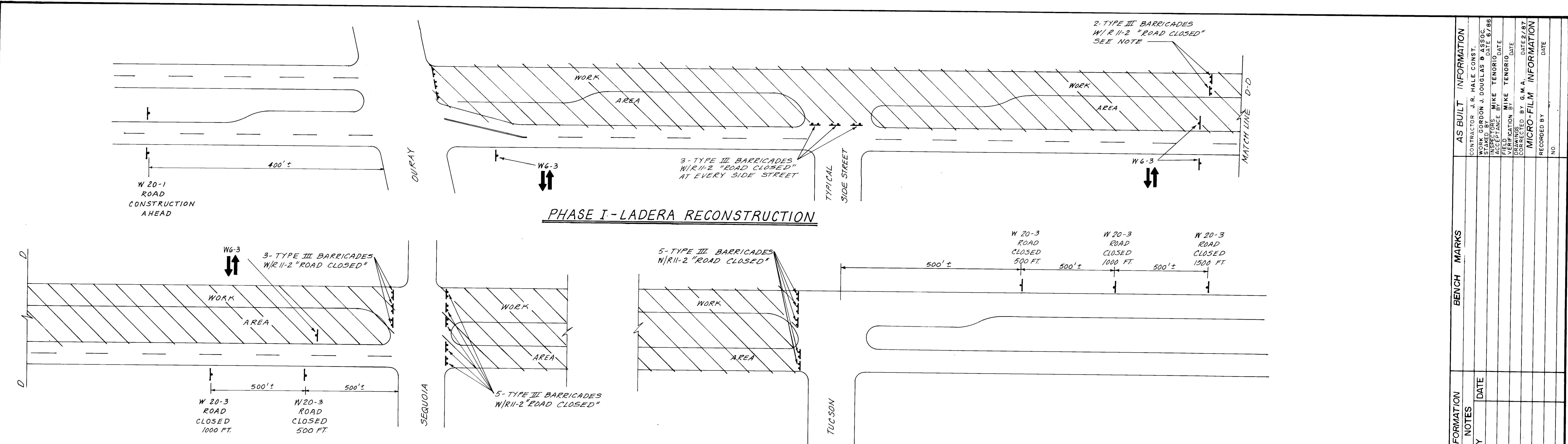
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**CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENT**

NOTE:
TRAFFIC SIGNALIZATION
DETERMINED BY CITY TRAFFIC ENGINEER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>H.K. - 602</i>	3/5/86	Liquid Waste	<i>N/A BR</i>	1-10-86
C.E. - Design	<i>J. A. Parsons</i>	3/28/86	Traffic	<i>D. A. Parsons</i>	1-10-86
C.E. - Hydrology	<i>R. K. Marshall</i>	3/29/86	Water	<i>N/A BR</i>	1-10-86
Arch & Rec. Sache, Calif.		1-10-86			
DRAWING NO.	2434		MAP NO. G-11 H-10 I-11	SHEET 11	OF 18



TRAFFIC CONTROL NOTES:

- Contractor must comply with Section 19 of the City of Albuquerque's Interim Standard Specifications for Public Works Construction.
- Prior to the start of construction, the Contractor shall submit to the Traffic Engineer a detailed construction sequence indicating when each phase of construction is to take place.
- The Contractor must obtain a barricading permit from the Traffic Engineering office 2 days prior to the start of each phase of construction.
- Two way traffic must be maintained on Ouray North of Ladera at all times.
- Two way traffic into the entrance of the golf course parking lot must be maintained at all times at Ladera and Sequoia.

See Traffic Control Sheets For Barricading Layout

Phase 1. While maintaining the existing Ladera traffic pattern and without effecting traffic at Ouray and Sequoia, install as much of the storm drain line and the roadway North of the existing Ladera roadway as possible. SEE LADERA RECONSTRUCTION PHASE 1

Phase 2. Shift West bound Ladera traffic onto the newly constructed side of Ladera. A left lane on Ladera may now be taken in order to remove the existing median asphalt curbing and replace it with the required shoulder. Any grade differences at the intersections of Ladera and Ouray and Ladera and Sequoia are to have asphalt ramps installed at a 50:1 slope. SEE LADERA RECONSTRUCTION PHASE 2.

The intersection of Ladera and Sequoia is to be installed in 3 phases so that access to the golf course may be maintained at all times. Phase 1 and Phase 2 are to be accomplished prior to the shifting of West bound Ladera traffic to the newly constructed half of the roadway. Phase 3 of the intersection construction is to be accomplished after Ladera traffic has been shifted to the proper side of the median. SEE INTERSECTION LADERA AND SEQUOIA PHASING.

CONSTRUCTION NOTES:

- Reconstruction of the intersection of Ladera and Ouray is to be accomplished in three phases so that access to Ouray to the North might be maintained at all times. The reconstruction of the intersection is to take place after the completion of Phase 2 of the reconstruction of Ladera Road. The traffic split on Ladera shifting Ladera traffic to one side of the median may only occur between Flor Silvestre Drive and 72nd Street. In Phase 1 of the intersection reconstruction, the N. E. quadrant of the intersection is to be reconstructed - The existing asphalt curbing on the west side of Ladera is to be removed and replaced with a temporary asphalt ramp West of the existing roadway so that two 12 foot lanes may be maintained on Ouray during this phase of construction. SEE INTERSECTION LADERA AND OURAY PHASE 1. Phase 2, the N. W. quadrant of the intersection is to be barricaded off and reconstructed. SEE INTERSECTION LADERA AND OURAY PHASE 2. Phase 3 consists of the reconstruction of the South half of the intersection - Ouray may be closed between Ladera and Flor Silvestre for a maximum of 7 days in order to install the drop inlet on the S. E. corner, the crossing of the East bound lanes of Ladera with the storm drain line, and the repaving of the south half of the intersection. SEE INTERSECTION LADERA AND OURAY PHASE 3.

Phase 2 - Roadway Construction
-Install the new half of the roadway while maintaining the existing traffic pattern on Ladera. Type III barricades will be required at each intersecting street to prevent traffic from using the new roadway until completed (approximately 22 Type III barricades required). Two way traffic signs (W6-3) will be required for both directions of traffic at each intersecting street (approximately 10 signs required).
-Paving of the intersections of Ladera and Ouray and Sequoia and Ladera shall be accomplished between the hours of 9 A.M. and 4 P.M. with traffic maintained through the intersection. Traffic may be reduced to a single lane if flag men are provided.

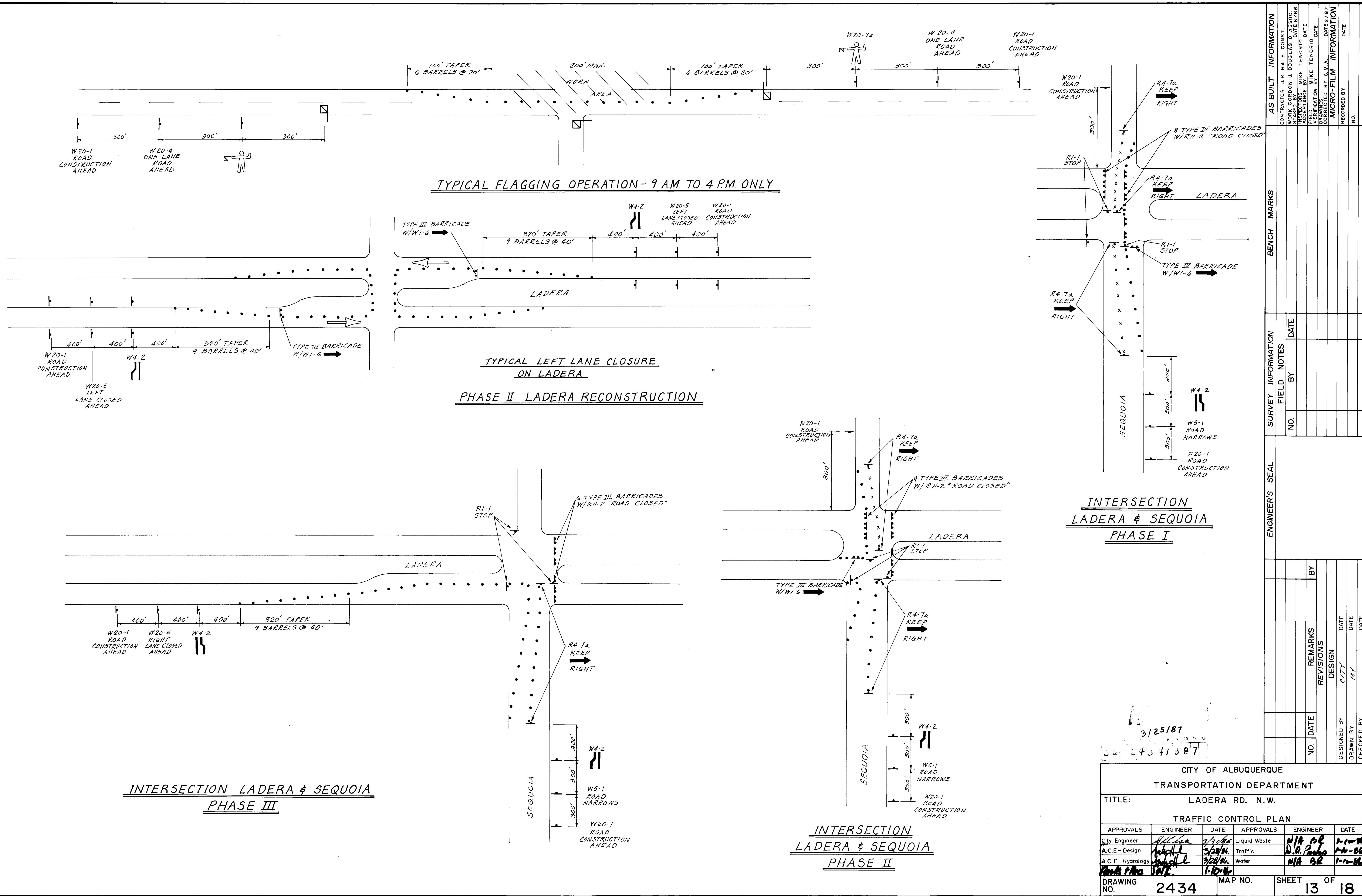
Phase 3 - Median Reconstruction
-South (West) bound traffic is to be shifted to the newly constructed half of the roadway. Under a left lane closure North bound, the asphalt median curb and gutter may then be removed and replaced with the required graded shoulder. The asphalt median, curb and gutter is not to be removed until South bound traffic has been shifted to the newly constructed half of the roadway.

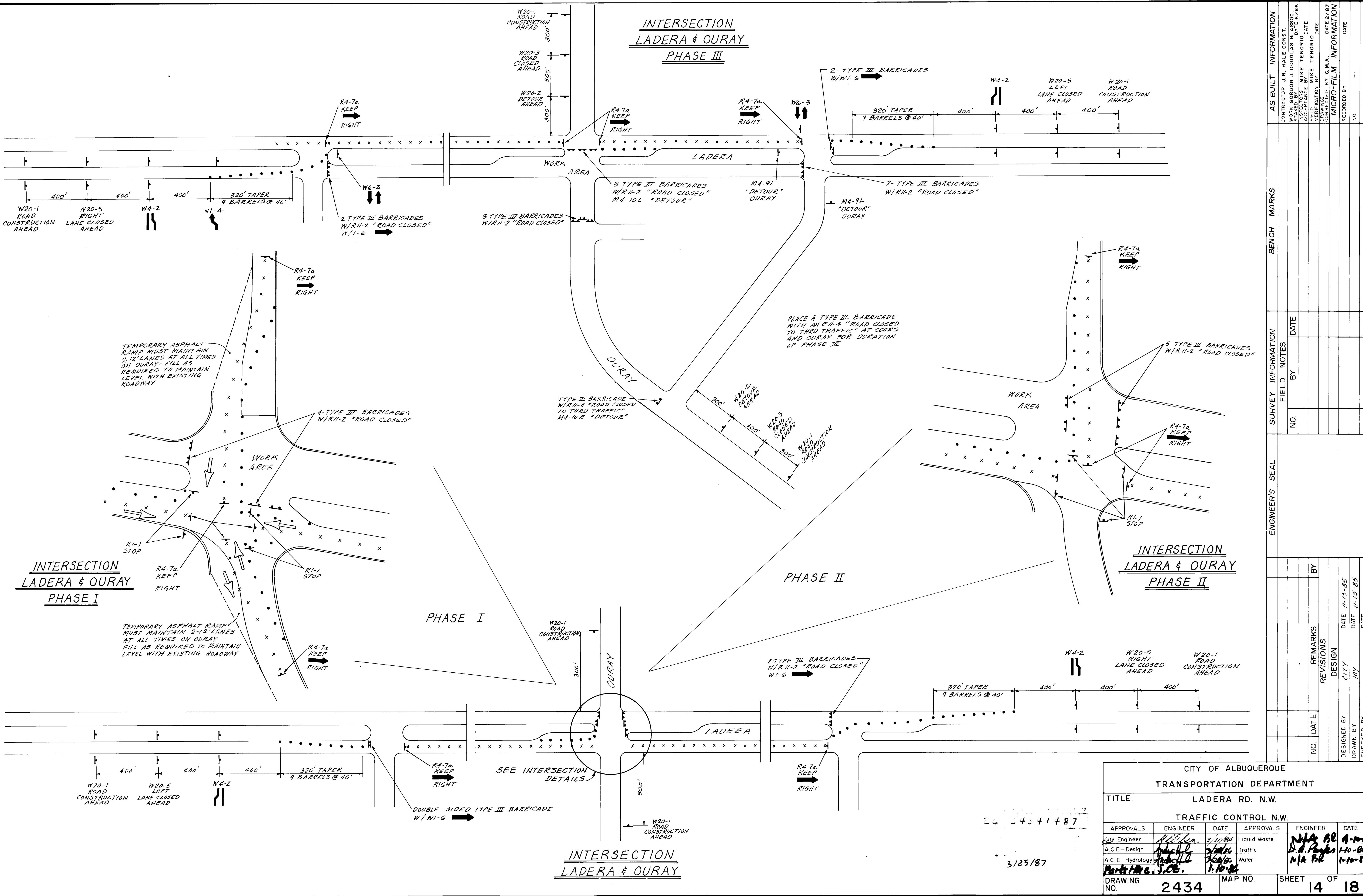
LEGEND

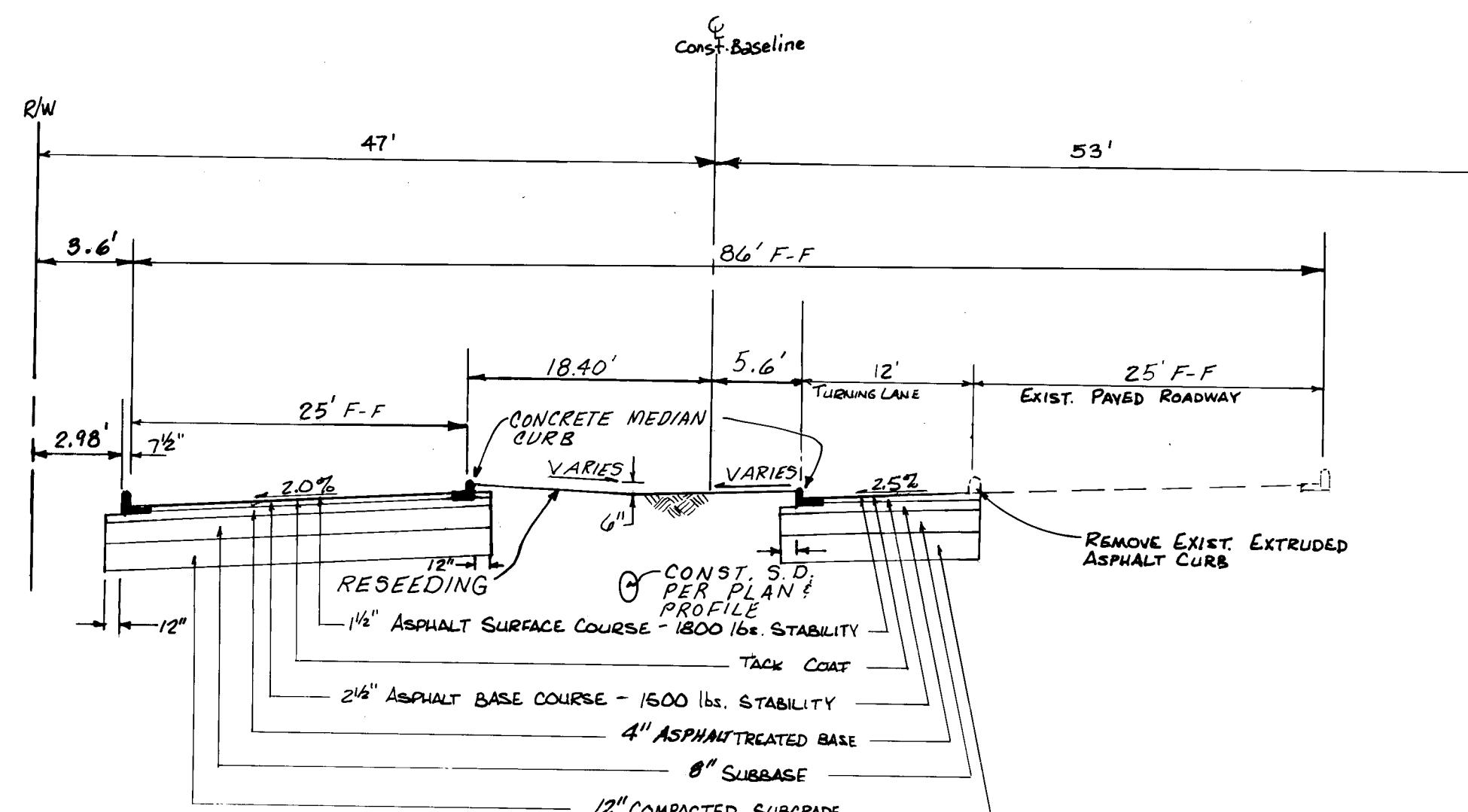
- BARREL
- ─ SIGN
- ━ TYPE III BARRICADE
- ✖ VERTICAL PANEL

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CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENT

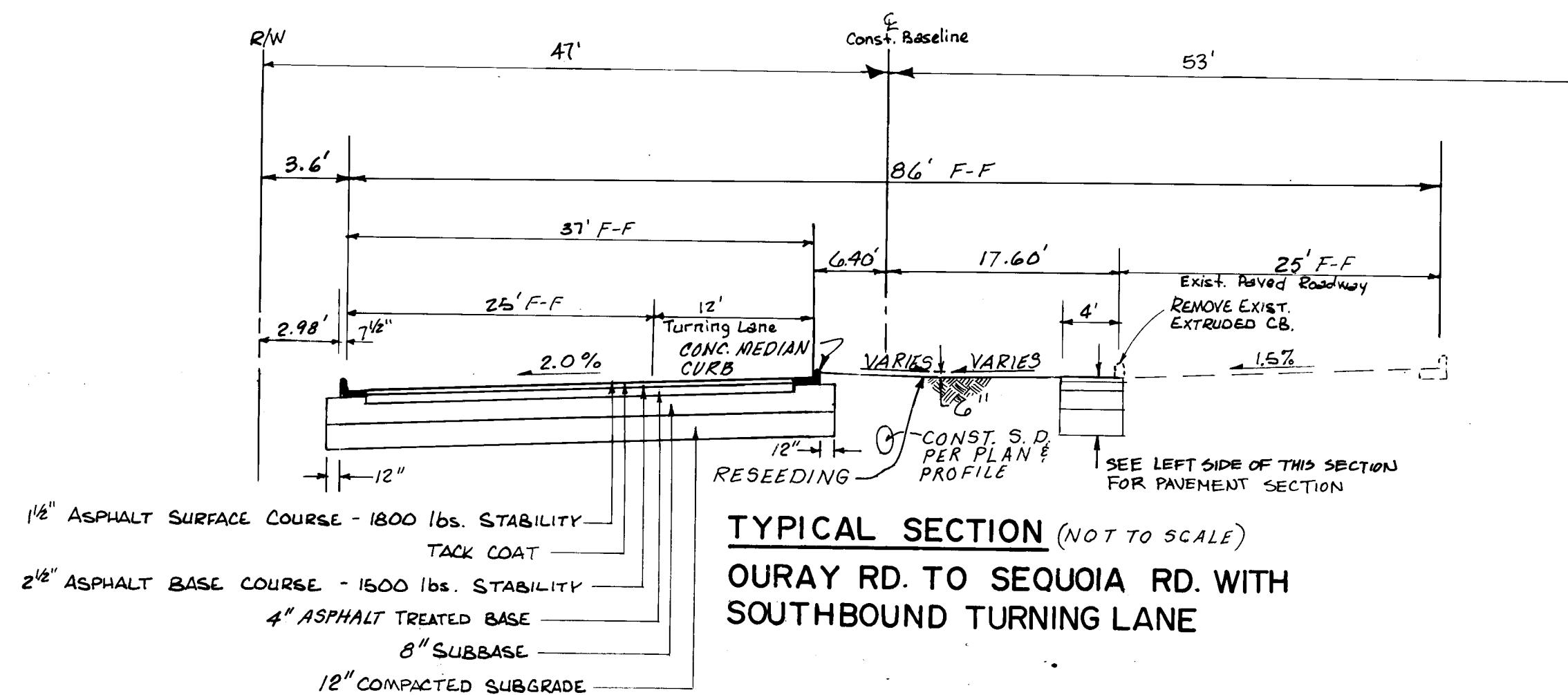
TITLE: LADERA RD. N.W.					
TRAFFIC CONTROL PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	3/1/86	Liquid Waste	NIA [Signature]	1-10-86
A.C.E.-Design	[Signature]	3/28/86	Traffic	D.G. [Signature]	1-10-86
A.C.E.-Hydrology	[Signature]	3/28/86	Water	MIA [Signature]	1-10-86
Santa Fe Park [Signature]	3/28/86				
DRAWING NO.	2434	MAP NO.		SHEET OF	12 18



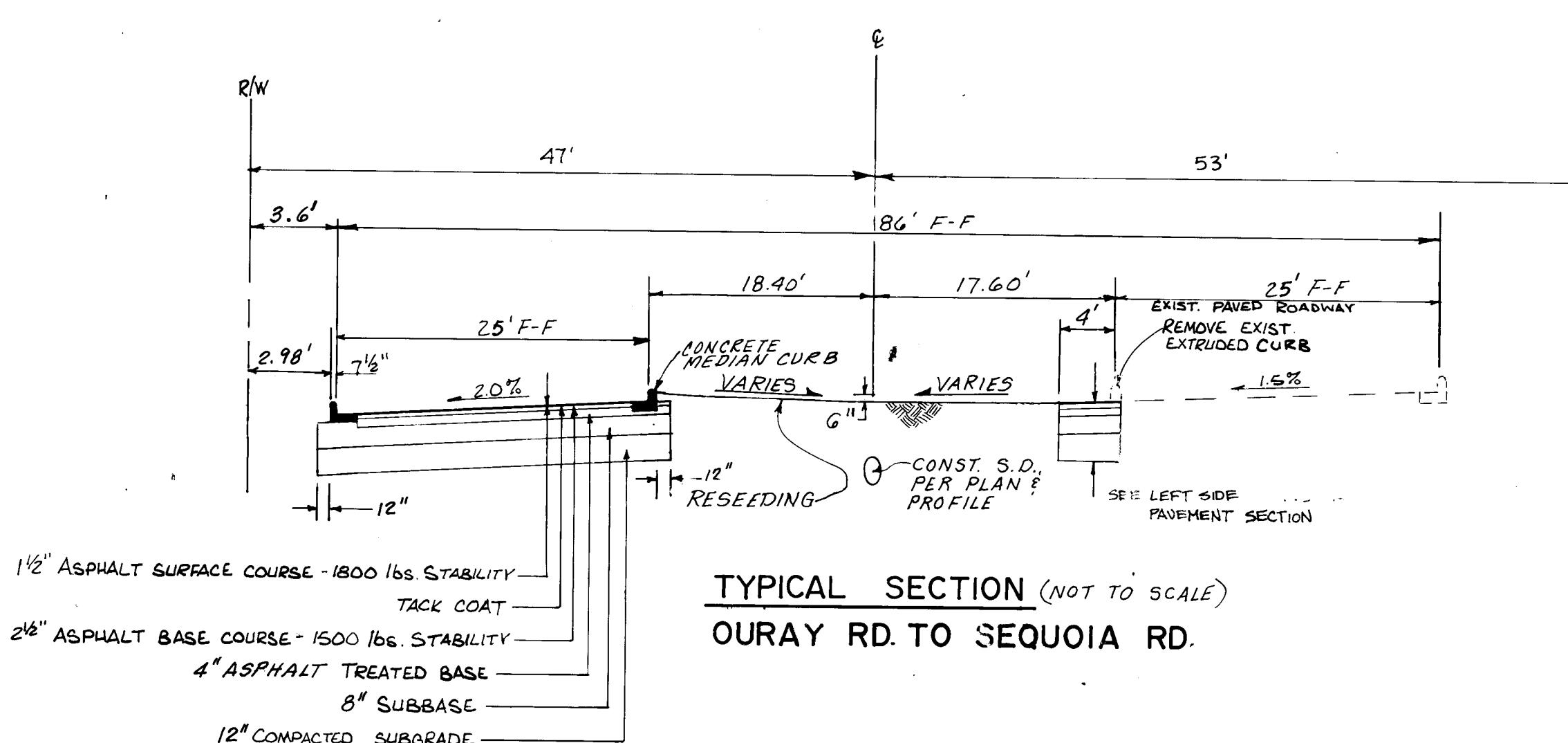




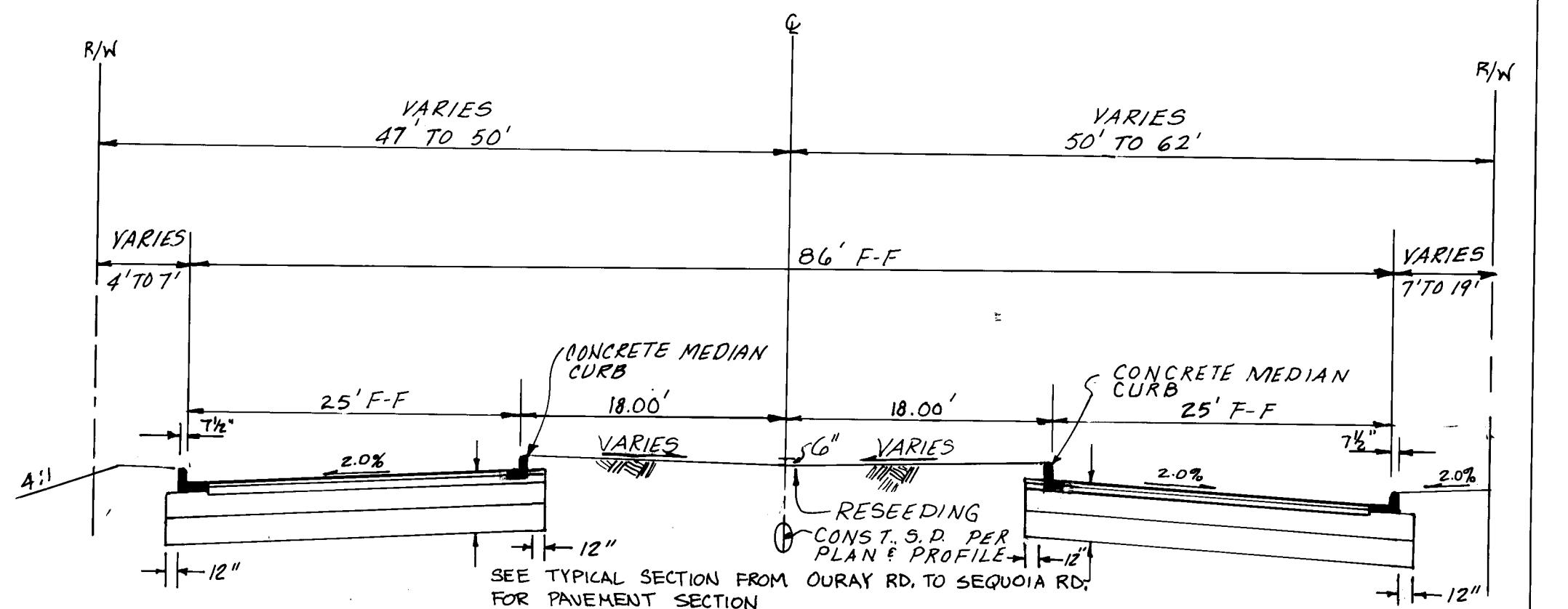
TYPICAL SECTION (*NOT TO SCALE*)
OURAY RD. TO SEQUOIA RD. WITH
NORTHBOUND TURNING LANE



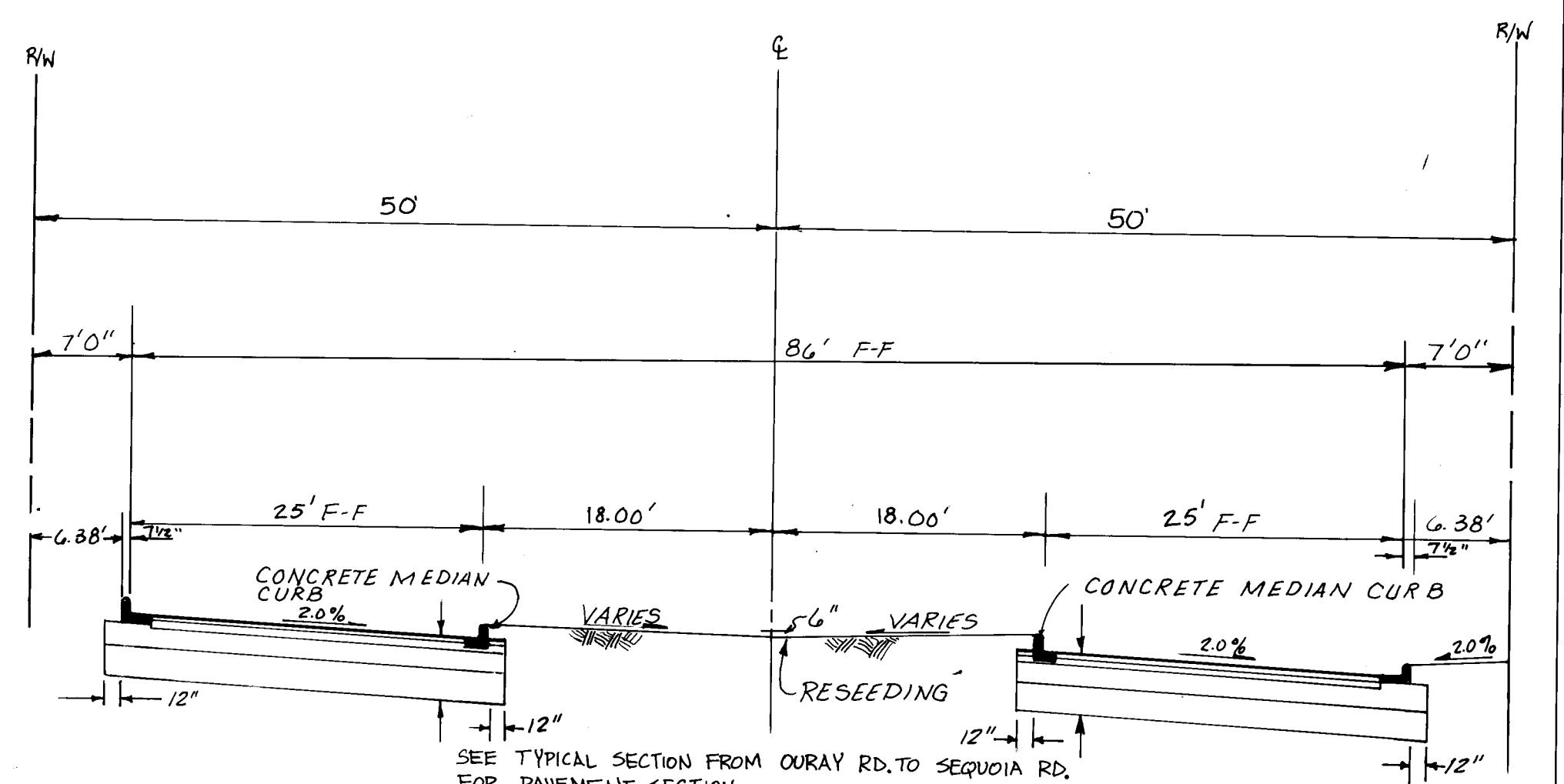
TYPICAL SECTION (*NOT TO SCALE*)
OURAY RD. TO SEQUOIA RD. WITH
SOUTHBOUND TURNING LANE



TYPICAL SECTION (NOT TO SCALE)
OURAY RD. TO SEQUOIA RD.



TYPICAL SECTION (*NOT TO SCALE*)
STA. 42+44 to STA. 51+47.89

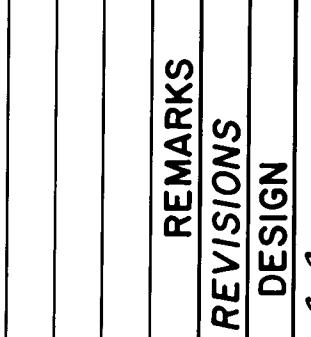


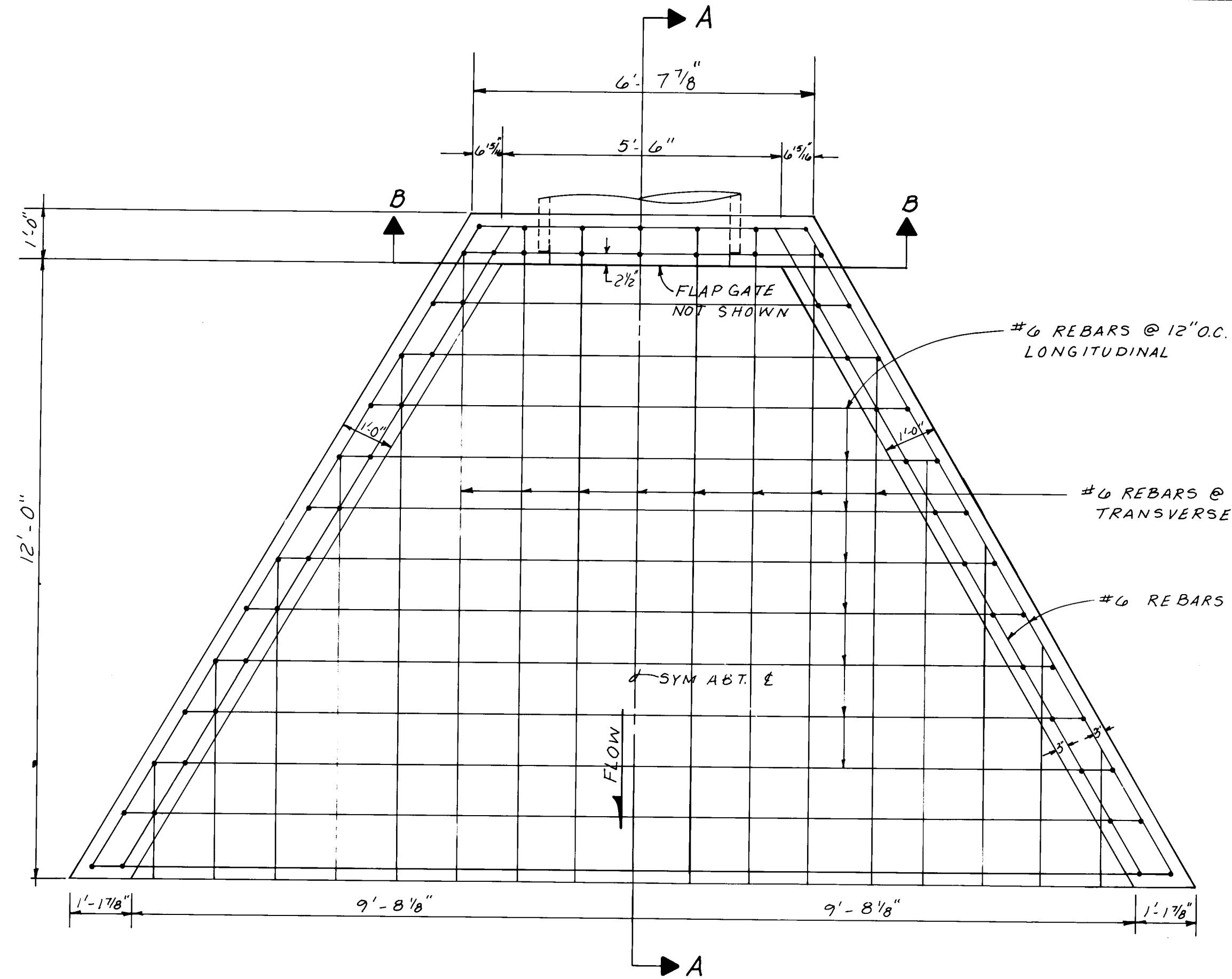
TYPICAL SECTION (*NOT TO SCALE*)
STA. 53+47.89 TO
STA. 55+84.89
SUPER ELEVATION NOTES
SHEET 9)

REQUIREMENTS FOR TREATED & UNTREATED SURFACING				
ESTIMATE FOR TACK COAT: USE 0.05 TO 0.15 GALS. AC-20 PER SQ. YD.				
% ASPHALT	ASPHALT SURFACE COURSE	6.0 %	AC-20	BY WGT. OF TOTAL MIX
	ASPHALT BASE COURSE	6.0 %	AC-20	BY WGT. OF TOTAL MIX
	ASPHALT TREATED BASE	5.0 %	AC-20	BY WGT. OF TOTAL MIX
SPECIFICATIONS FOR SURFACING AGGREGATES (% PASSING)				
SIEVE SIZE	SUB-BASE	ASPHALT TREATED BASE	ASPHALT BASE COURSE	ASPHALT SURFACE COURSE
3"	100			
1"		100	100	
3/4"		80-100	70-100	100
1/2"			55-85	75-100
3/8"				65-90
#4	30-75	30-60	30-55	45-65
#10		20-45	20-40	32-50
#40			10-25	15-30
#200	0-12	3-10	3-8	3-9
L.L.	25 OR LESS	25 OR LESS		
P.I.	5 OR LESS	6 OR LESS		
WEAR	40 OR LESS	50 OR LESS	40 OR LESS	40 OR LESS
SOUND. LOSS %		18 OR LESS	15 OR LESS	15 OR LESS
FRACT. FACES %			85 OR MORE	85 OR MORE

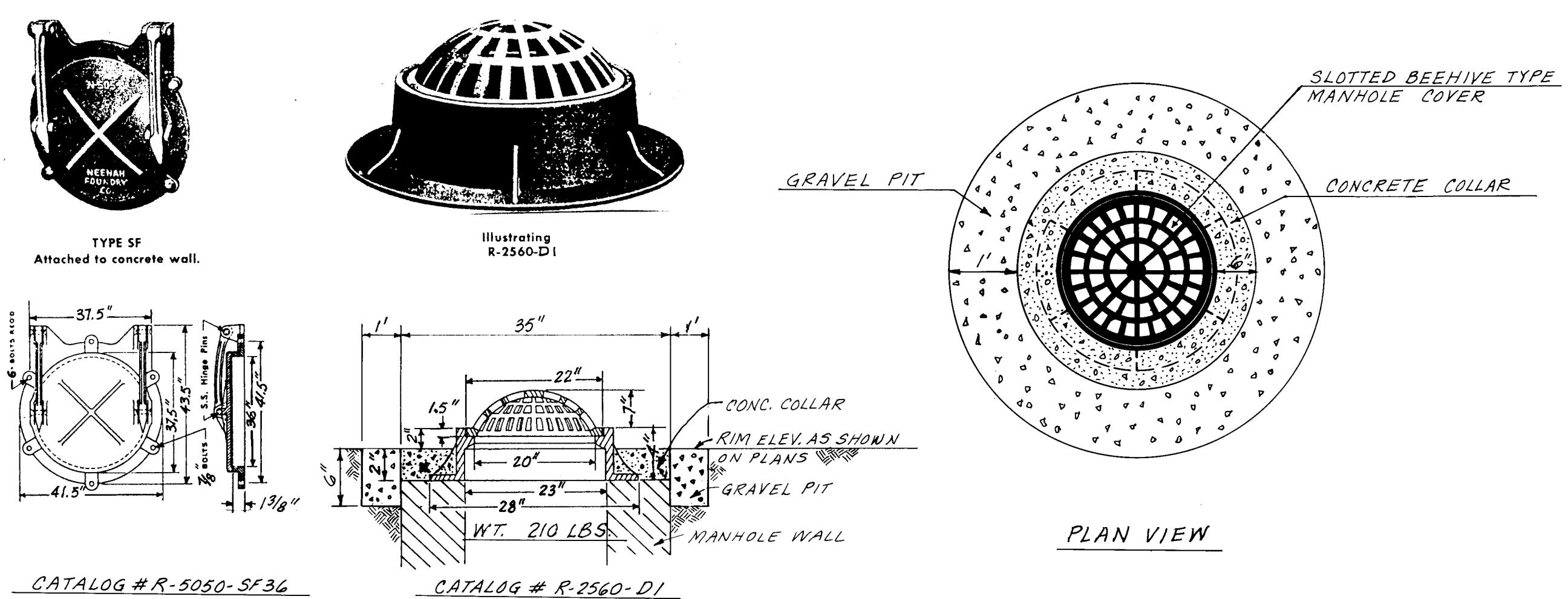
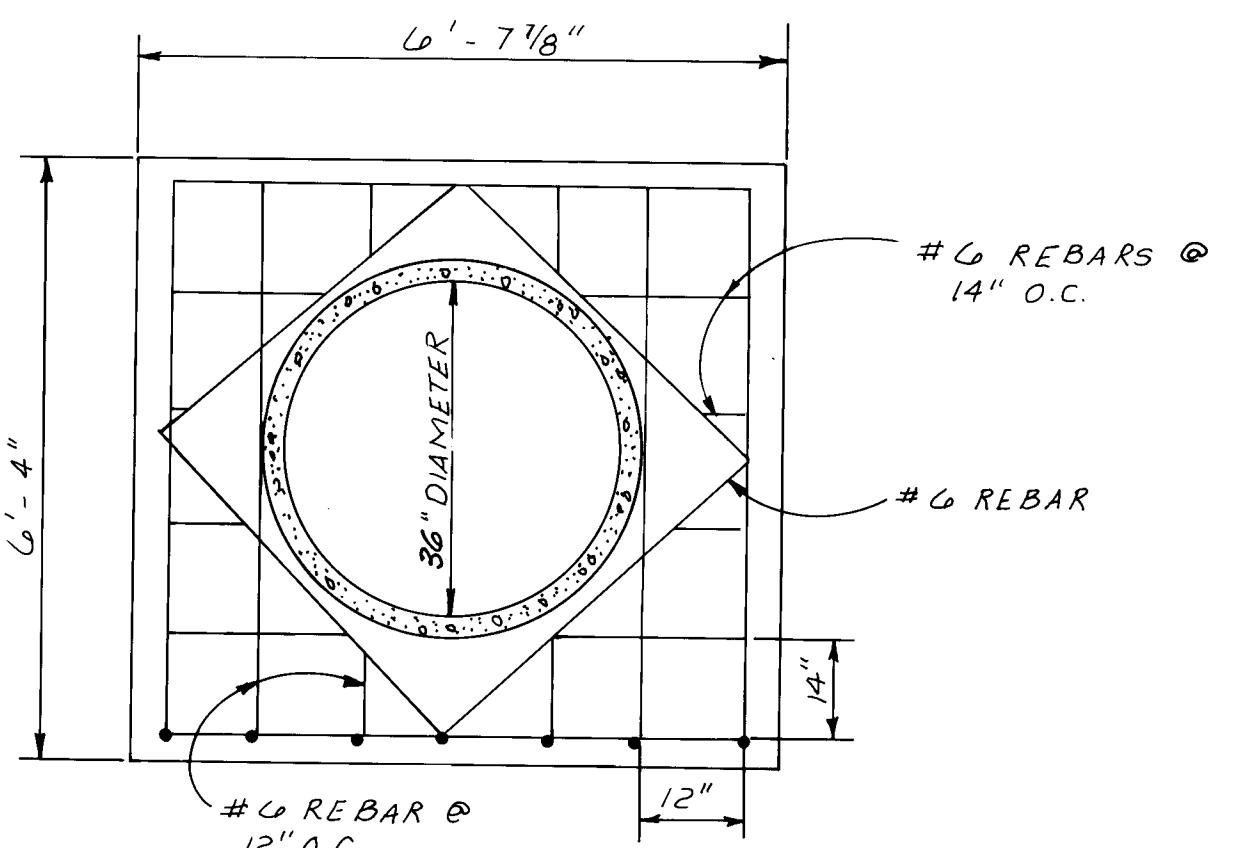
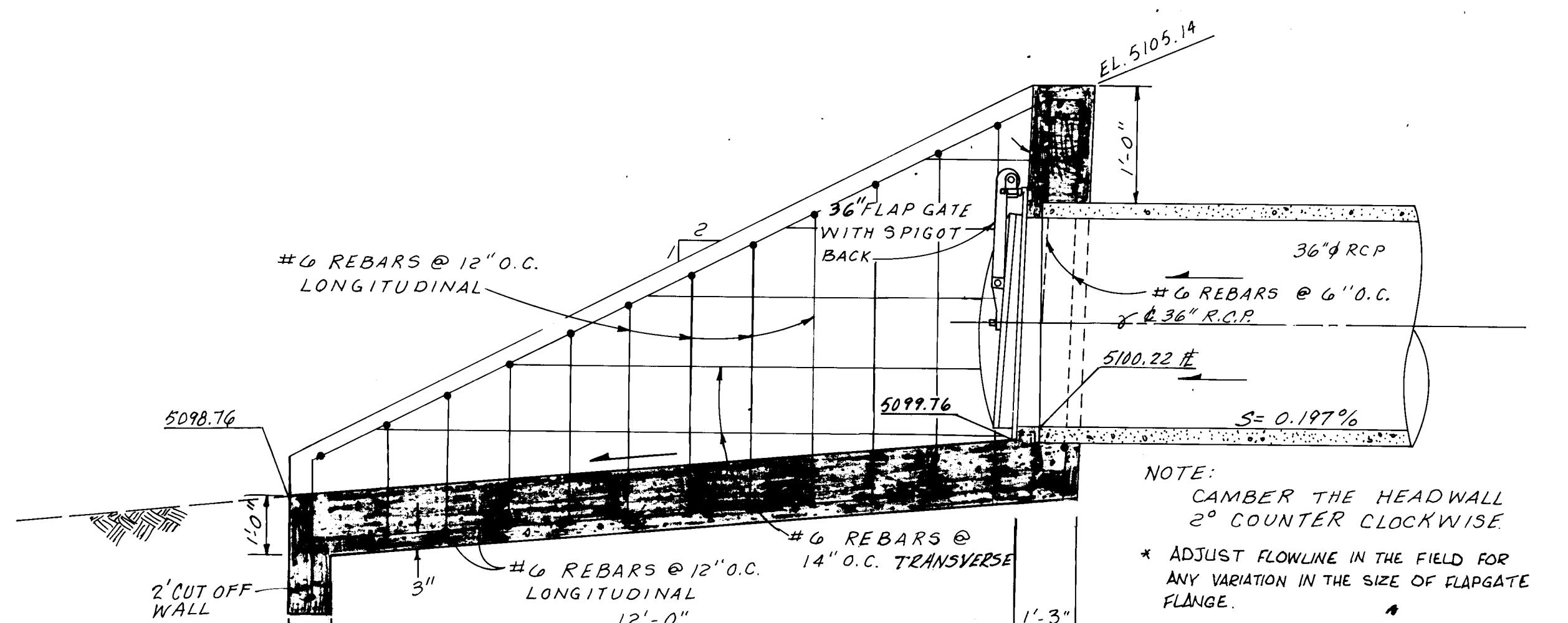
UNIT WEIGHT OF ASPHALT SURFACE COURSE = 39.50 LBS. PER SQ.YD.
UNIT WEIGHT OF ASPHALT BASE COURSE = 39.50 LBS. PER SQ YD.
UNIT WEIGHT OF TREATED BASE COURSE = 39.50 LBS. PER SQ YD.

NOTE: PERCENTAGES OF ASPHALT & UNIT WEIGHTS ARE FOR CALCULATION
& ESTIMATE PURPOSE ONLY. ACTUAL PERCENTAGE AND UNIT
WEIGHT WILL BE DETERMINED BY MIX DESIGN.

TITLE:		CITY OF ALBUQUERQUE		TRANSPORTATION DEPARTMENT	
APPROVALS		ENGINEER	DATE	APPROVALS	ENGINEER
City Engineer	<i>H.C. Coffey</i>	3/31/86		Liquid Waste	<i>N.J.A. Brz</i>
C.E.-Design	<i>J. A. Parks</i>	3/31/86		Traffic	<i>D.A. Parks</i>
C.E.-Hydrology	<i>R. H. Mc. Scob</i>	3/31/86	1-108	Water	<i>N.J.A. Brz</i>
RAWING O.		24 34	MAP NO. G-II, H-10, II	SHEET 15	OF 100
<p style="text-align: center;"><i>3/25/87</i></p> <p style="text-align: center;">26 24 34 15 87</p> <p style="text-align: right; margin-top: -100px;">  <i>Attested by [Signature]</i> </p>					
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES	A.C.S. BRASS TABLET STAMPED "5-G 11"	NO.	BY	DATE	CONTRACTOR J.R. HALE CONST.
					WORK GORDON J. DOUGLAS & ASSOC.
					STAKED BY DATE 6/86
					INSPECTOR'S MIKE TENORIO
					ACCEPTANCE BY DATE
					FIELD MIKE TENORIO
					VERIFICATION BY DATE
					DRAWINGS MIKE TENORIO
					CORRECTED BY G.M.A. DATE 2/87
MICRO-FILM INFORMATION					
STATE PLANE COORDINATE SYSTEM				RECORDED BY DATE	
(CENTRAL ZONE) X = 363,586.13,				NO. <i>15</i>	
Y = 1,501,981.32. ELEVATION 5111.02				DATE	

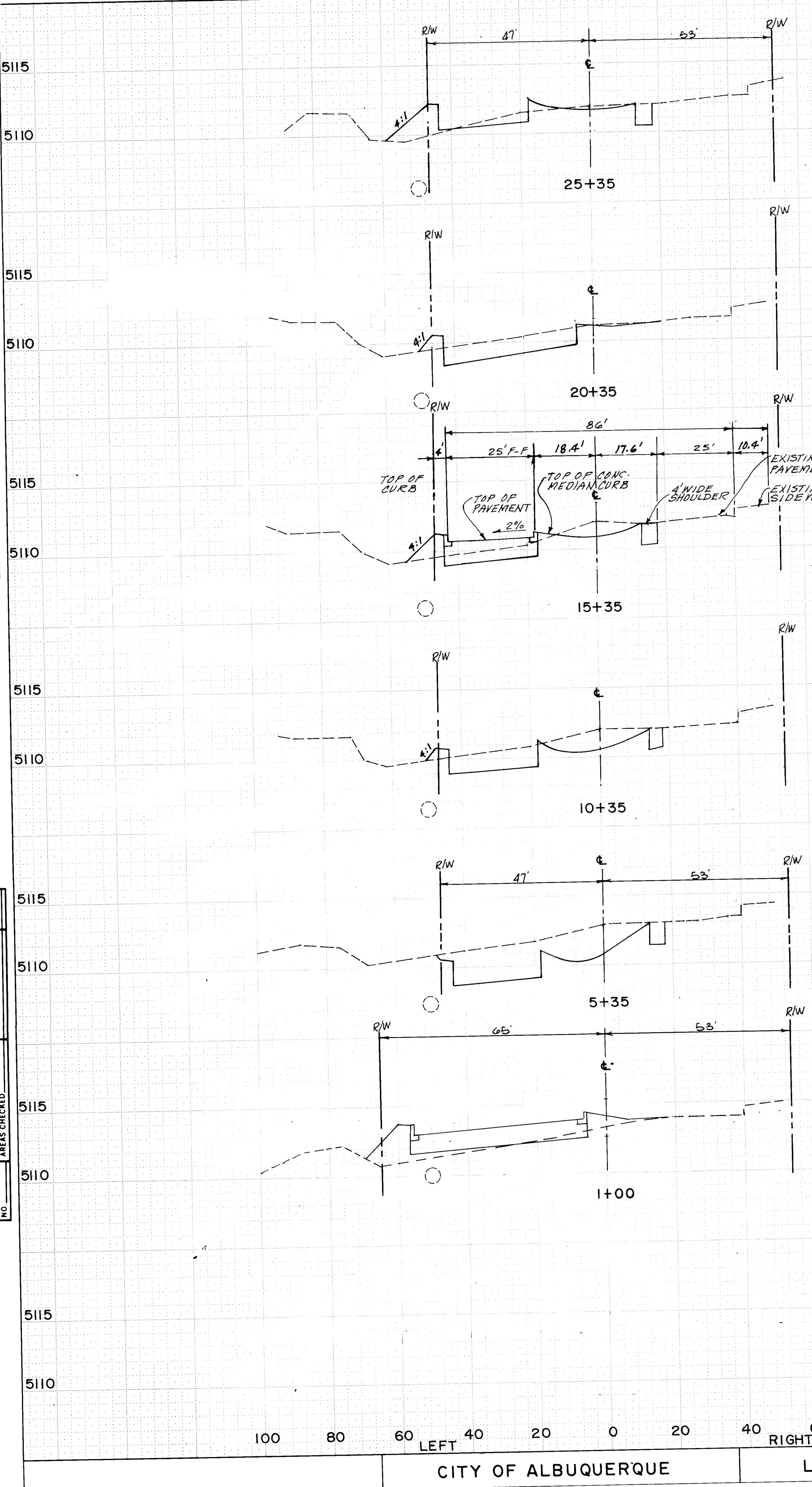


- NOTES:
1. USE 36" DIA. TYPE SF FLAP GATE WITH ALUMINUM COVER, BRONZE BUSHED HINGES AND NEOPRENE SEAT MOUNTINGS, CATALOG NO. R-5050-SF36, CATALOG "R", 9TH EDITION, NEENAH FOUNDRY CO. OR APPROVED EQUAL.
 2. USE SLOTTED BEEHIVE TYPE MANHOLE COVER, CATALOG #R-2560-DI, CATALOG "R", 9TH EDITION, NEENAH FOUNDRY CO. OR APPROVED EQUAL.

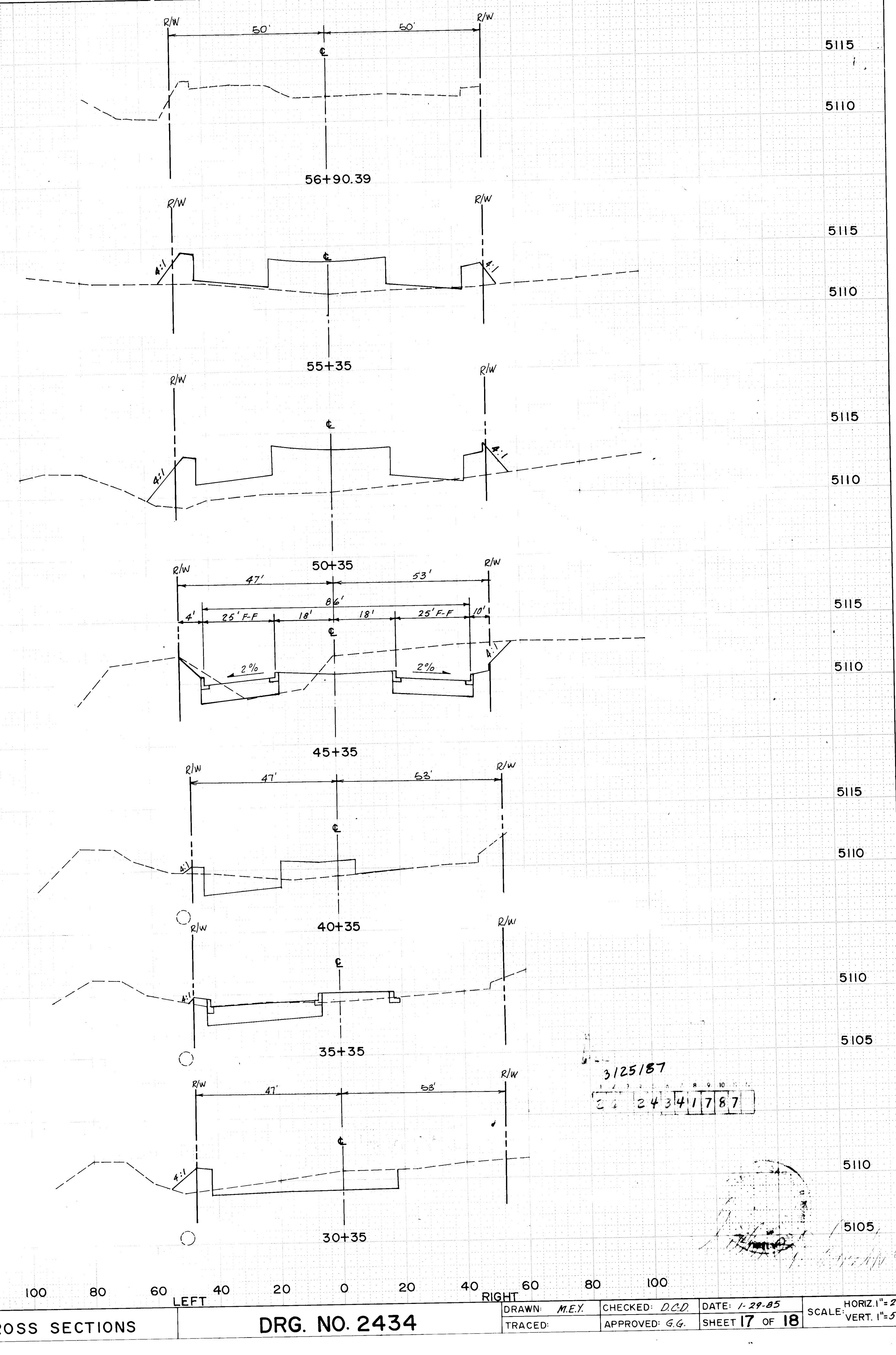


AS BUILT INFORMATION		BENCH MARKS			
CONTRACTOR: J.R. HALE CONST WORK: GORDON J. DOUGLAS & ASSOC. INSPECTOR: MIKE TENORIO DATE: 6/86 ACCEPTANCE BY: MIKE TENORIO DATE: 6/86 FIELD CHECKED BY: DATE: 2/87 CORRECTED BY: G.M.A. DATE: 2/87		AC.S. BRASS TABLET STAMPED "5-G-11" SET FLUSH WITH THE CURB IN THE MEDIAN ON LADERA AT THE INTER- SECTION OF ATRISCO DR. LOCATED 3.4 MILES NORTHWEST OF DOWNTOWN SEC. 2, T 10 N., R 2 E. STATE PLANE COORDINATE SYSTEM (CENTRAL ZONE) X = 363,586.13, Y = 1,320,984.32. ELEVATION 511.22'			
SURVEY INFORMATION		FIELD NOTES			
NO.	DATE	BY	DATE		
REMARKS	BY	DESIGN	DATE		
REVISIONS		DRAWN BY	DATE		
CHECKED BY		CHECKED BY	DATE		
3125187 Z6 64341687					
CITY OF ALBUQUERQUE					
TRANSPORTATION DEPARTMENT					
TITLE: LADERA ROAD N.W.					
DRAINAGE STRUCTURE DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/10/86	Liquid Waste	<i>[Signature]</i>	1/10/86
ACE - Design	<i>[Signature]</i>	3/20/86	Traffic	<i>[Signature]</i>	1/10/86
ACE - Hydrology	<i>[Signature]</i>	3/20/86	Water	<i>[Signature]</i>	1/10/86
DRAWING NO.	MAP NO.	SHEET OF			
2434	G-I, H-10, II	16 18			

FINAL SURVEYED	DATE
SURVEY PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	



FOR INFORMATION ONLY



CITY OF ALBUQUERQUE

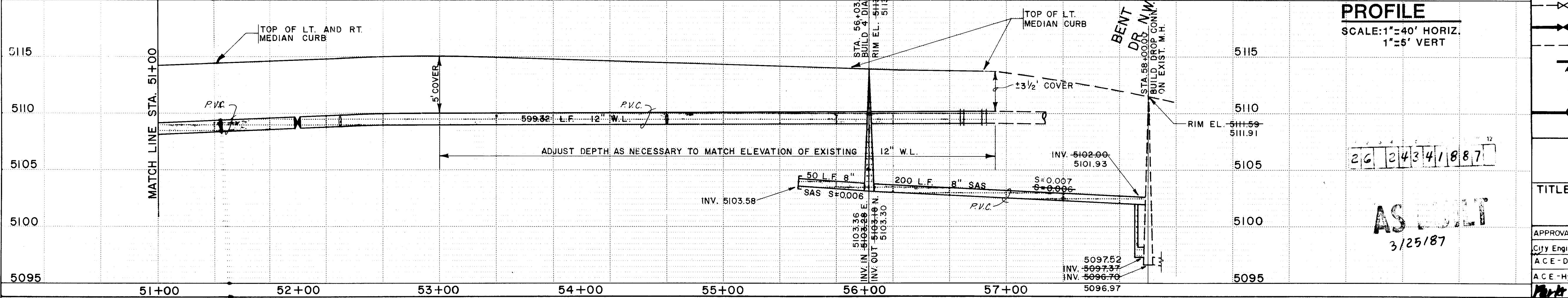
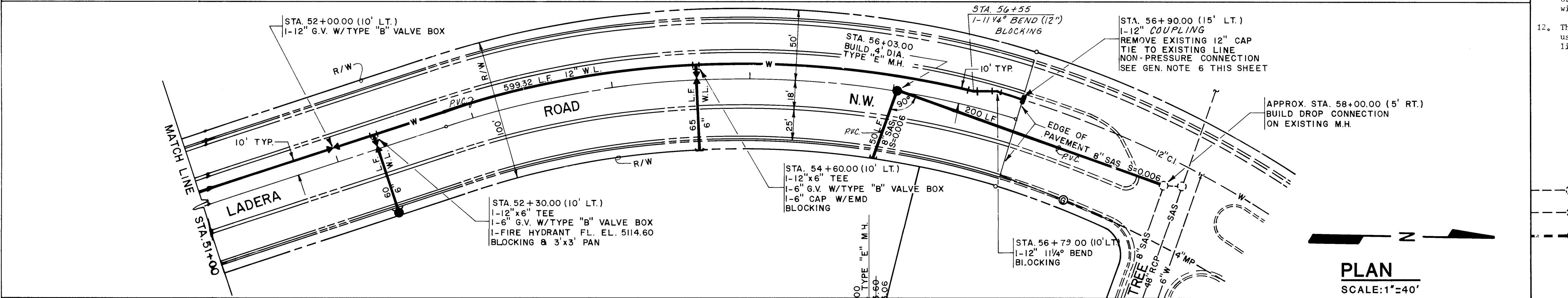
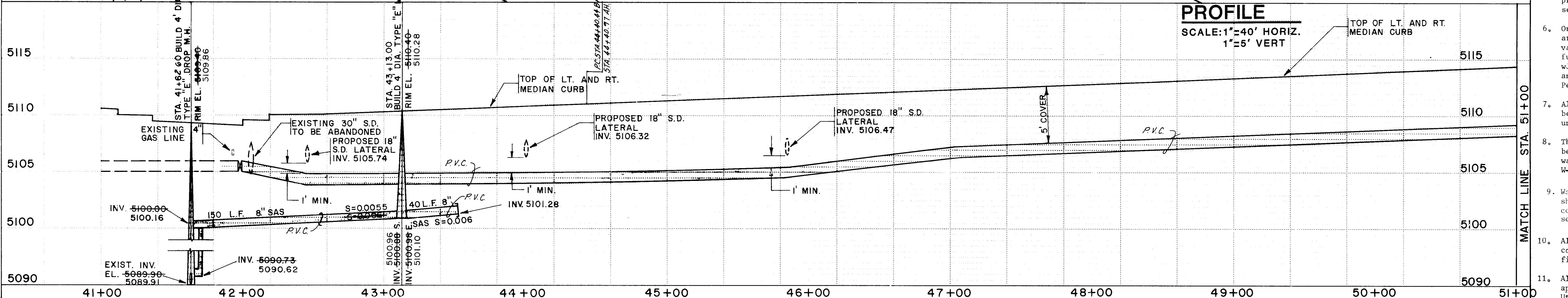
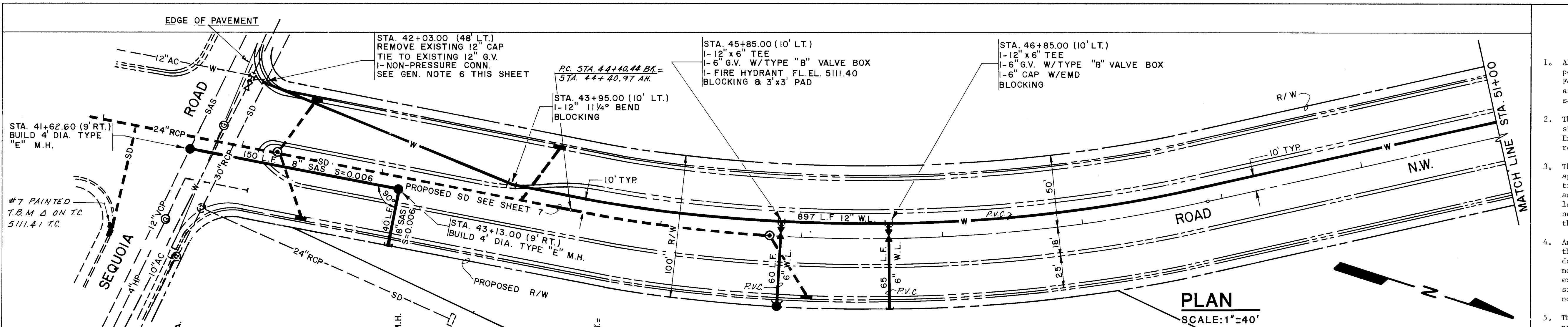
LADERA ROAD N.W.

PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

CROSS SECTIONS

DRG. NO. 2434

DRAWN: M.E.Y.	CHECKED: D.C.D.	DATE: 1-29-85
TRACED:	APPROVED: G.G.	SCALE: HORIZ. 1"=20' VERT. 1"=5'
SHEET 17 OF 18		



AS BUILT INFORMATION			
CONTRACTOR: J.R. HALE CONST.	WORK: GORDON J. DOUGLAS & ASSOC.	DATE: 1/18/86	REVISIONS: MIKE TENORIO DATE: 1/18/86
FIELD: ATRISCO DR.	ACCOMPLISHMENT: 4.4 MILES NORTHEAST OF DOWN FIELD: MIKE TENORIO DATE: 1/18/86	YIELDING BY: G.M.A. CONTRACTOR: MICRO FILM INFORMATION DATE: 1/18/86	RECORDED BY: NO
TOURN. SEC. 2, T. 10 N., R. 2 E.	STATE PLANE COORDINATE SYSTEM (CENTRAL ZONE)	V. 363, S81.13, Y = 1,501, S81.12, Elevation: S11.02	

ENGINEER'S SEAL

[Handwritten Signature]

LEGEND	
—○—	EXISTING SANITARY SEWER MANHOLE AND LINE
—○—	EXISTING STORM DRAIN MANHOLE AND LINE
—○—	PROPOSED STORM DRAIN MANHOLE AND LINE
—○—	EXISTING STORM DRAIN INLET
—○—	PROPOSED STORM DRAIN INLET
—W—	EXISTING WATER LINE AND VALVE
—W—	PROPOSED WATER LINE AND VALVE
—○—	EXISTING GAS LINE
—○—	PROPOSED WATER LINE BEND
—○—	PROPOSED WATER LINE CAP
●	PROPOSED FIRE HYDRANT
—SAS—	PROPOSED SANITARY SEWER MANHOLE AND LINE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
CITY ENGINEER	<i>[Signature]</i>	1/18/86	Liquid Waste	<i>[Signature]</i>	1/18/86
A.C.E.-Design	<i>[Signature]</i>	1/28/86	Traffic	<i>[Signature]</i>	1/18/86
A.C.E.-Hydrology	<i>[Signature]</i>	1/28/86	Water	<i>[Signature]</i>	1/18/86
Permit Services	<i>[Signature]</i>	1/18/86			
DRAWING NO.	2434		MATERIAL NO.	G-11	
SHEET	18	OF	18		