

community development program



albuquerque, new mexico
project number: CD~1B

1976-77 street and utility improvements

los duranes

10 002 0179

C. V. Duran
12/11/77

job no. **76039**

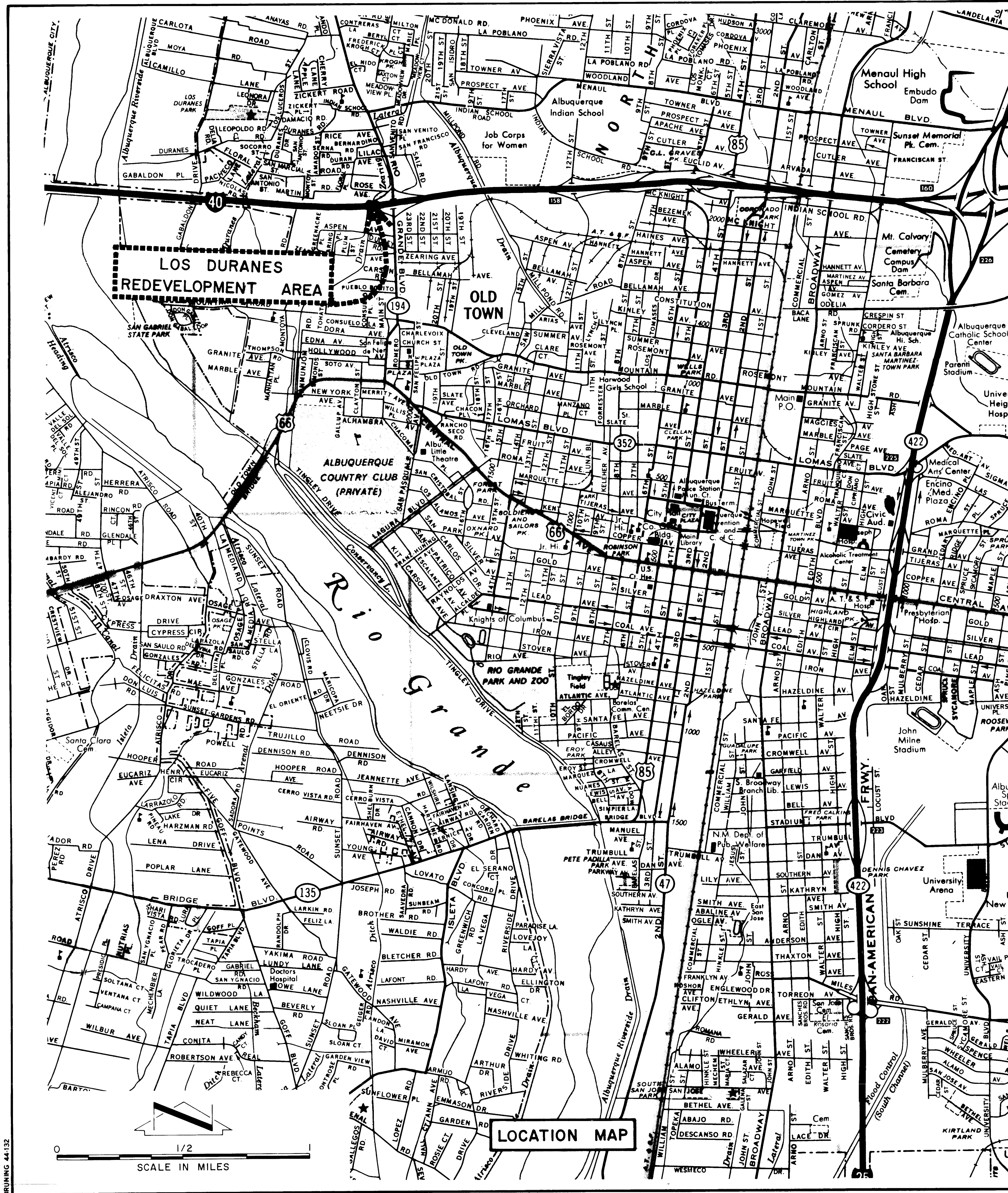
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SCANNED BY
BY LASON

W. E. Indem



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albuquerque santa fe



INDEX

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AS CONSTRUCTED

11/79 BY *a. Ortega*

EXHIBIT "1976-77 STREET AND UTILITY IMPROVEMENTS, PROJECT #CD-1B, COMMUNITY DEVELOPMENT PROGRAM, ALBUQUERQUE, NEW MEXICO" TO LICENSE AND AGREEMENT BY AND BETWEEN THE UNITED STATES OF AMERICA, THE MIDDLE RIO GRANDE CONSERVANCY DISTRICT, AND THE CITY OF ALBUQUERQUE, DATED SEPTEMBER 22, 1958.

APPROVED
CITY OF ALBUQUERQUE, NEW MEXICO

BY _____
DATE _____

APPROVED
BUREAU OF RECLAMATION
MIDDLE RIO GRANDE PROJECT

BY _____
DATE _____

APPROVED
MIDDLE RIO GRANDE CONSERVANCY DISTRICT

BY _____
DATE _____

ALBUQUERQUE CD-1B

LOCATION MAP, INDEX & LEGEND

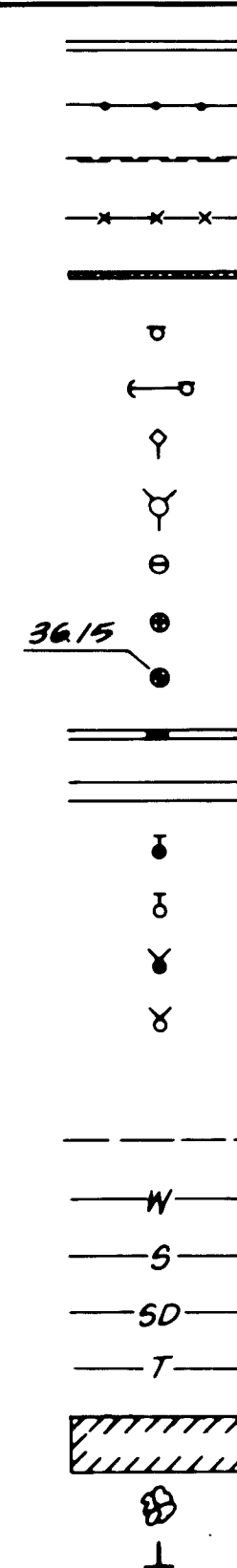
CITY OF ALBUQUERQUE

albuquerque	bernalillo	county	new	mexico
DATE	JOB NO	SCALE	DRAWN	SHEET
APRIL 77	76039	AS SHOWN	L.M.	2
		CHK'D	R.B.	OF 14

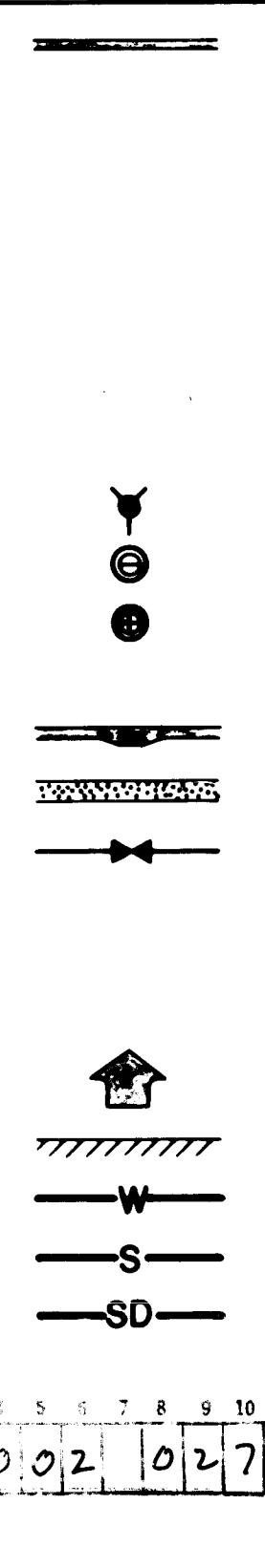
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LEGEND

EXISTING SYMBOLS



NEW SYMBOLS



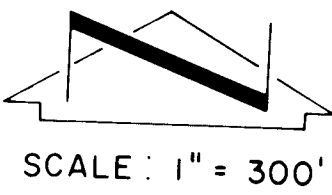
DESCRIPTION

CURB & GUTTER
CHAIN LINK FENCE
BOARD FENCE
WIRE FENCE
BLOCK OR ROCK WALL
UTILITY POLE
GUY WIRE
SIGN
FIRE HYDRANT
SANITARY SEWER MANHOLE
STORM DRAIN MANHOLE
SPOT ELEVATION
DROP INLET
SIDEWALK
WATER VALVE
GAS VALVE
WATER METER
GAS METER
WHEEL CHAIR RAMP
PAVING LIMITS
WATER LINE
SANITARY SEWER LINE
STORM DRAIN LINE
TELEPHONE LINE
BUILDING
TREE
FINISHED FLOOR ELEVATION
GUARD RAIL

1 2 3 4 5 6 7 8 9 10 11 12
10 0 0 2 0 2 7 9

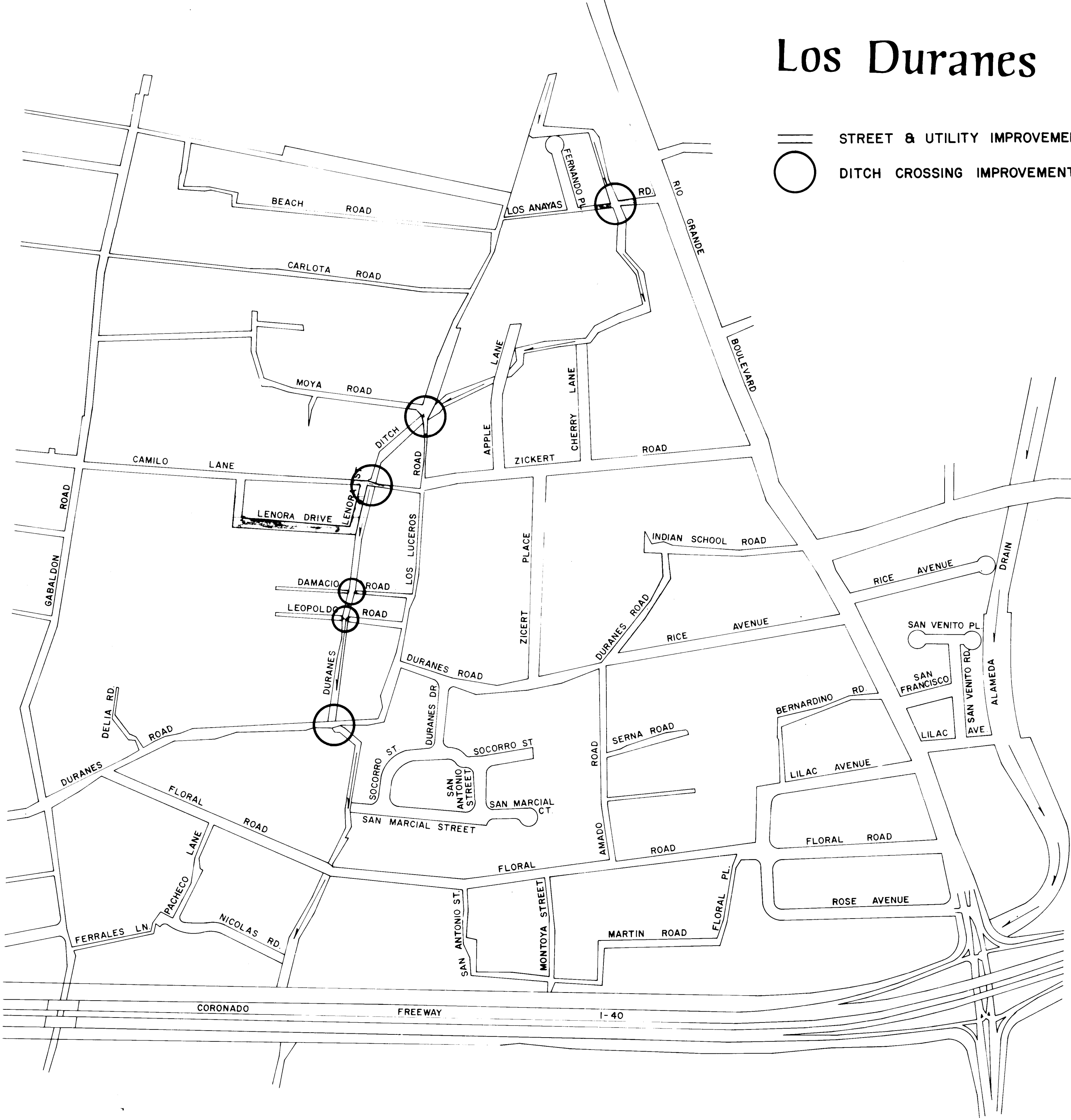
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GENERAL NOTES



Los Duranes

- STREET & UTILITY IMPROVEMENTS
- DITCH CROSSING IMPROVEMENTS

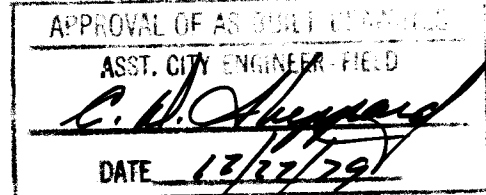


SITE MAP

- UTILITY POLES IN CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT ARE TO BE RELOCATED BY OTHERS. THE CONTRACTOR SHALL COORDINATE ANY WORK REQUIRED BY OTHERS IN THE CONSTRUCTION AREA.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WHEN WORKING NEAR THEIR SYSTEMS. CALL 765-1234 REGARDING LOCATION OF UNDERGROUND UTILITY LINES.
- ALL EXISTING UTILITIES SHOWN HERE WERE TAKEN AS ACCURATELY AS POSSIBLE FROM RECORD DRAWINGS AND SURFACE INDICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT, MAINTAIN IN SERVICE, AND VERIFY EXACT LOCATIONS OF ALL AFFECTED UTILITIES DURING CONSTRUCTION OF THIS PROJECT.
- ALL UTILITIES WHICH ARE TO BE ABANDONED UNDER THIS CONTRACT SHALL BE PLUGGED WITH CONCRETE AT EACH END OF THE PORTION TO BE ABANDONED. PAYMENT FOR THIS WORK WILL BE INCIDENTAL TO THE WORK ON THE ADJACENT LINES.
- CONNECTION OF NEW SEWER LINES TO EXISTING MANHOLES AND PLUGGING OF EXISTING LINES IN MANHOLES SHALL BE INCIDENTAL TO OTHER ITEMS OF WORK.
- NEW WATER MAINS SHALL HAVE A MINIMUM COVER OF 36".
- REMOVE ALL VALVE BOXES FROM ABANDONED WATER LINES. PAYMENT WILL BE INCIDENTAL TO THE PAVING COST.
- ALL ABANDONED VALVE AND METER BOX FRAMES AND COVERS SHALL BE RETURNED TO THE CITY WATER DIVISION WAREHOUSE AND ALL STORM AND SANITARY MANHOLE LIDS AND INLET GRATES, CASTINGS, AND FRAMES NOT REUSED, SHALL BE RETURNED TO THE LIQUID WASTE DIVISION WAREHOUSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING DROP INLETS TO CLEAR DRIVE PADS.
- FIRE HYDRANTS WHICH ARE TO BE REMOVED AND ARE NOT TO BE RELOCATED SHALL BE RETURNED TO THE CITY WATER DIVISION WAREHOUSE.
- THE CONTRACTOR SHALL EXPOSE EXISTING WATER LINES AT LOCATIONS WHERE NEW SANITARY SEWER LINES CROSS OR PARALLEL SUCH LINES IN ORDER TO ADEQUATELY ESTABLISH THE PROXIMITY OF WATER AND SEWER LINES. THE COST OF THIS WORK SHALL BE INCIDENTAL TO OTHER ITEMS OF WORK.
- TEMPORARY RELOCATION OF EXISTING UTILITIES FOR THE CONVENIENCE OF THE CONTRACTOR WILL BE AT HIS OWN EXPENSE.
- ALL PRIVATE UTILITY MANHOLES AND VALVE BOXES IN CONSTRUCTION AREA TO BE ADJUSTED TO GRADE BY THE CONTRACTOR.
- ALL CITY OWNED UTILITY MANHOLES AND VALVE BOXES IN CONSTRUCTION AREA TO BE ADJUSTED TO GRADE BY THE CONTRACTOR. PAYMENT TO BE MADE UNDER APPROPRIATE BID ITEM. THE GRADE ADJUSTMENT REQUIRED FOR ANY NEW OR RELOCATED ITEMS SHALL BE SUBSIDIARY TO THE COST OF THE NEW ITEMS OR THE COST OF RELOCATION.
- DURING THE CONSTRUCTION PERIOD THE UTMOST CARE SHALL BE TAKEN TO SEE THAT THE INSIDE OF PIPES, FITTINGS AND VALVES ARE FREE FROM ALL FOREIGN MATTER SUCH AS DIRT, ROCKS, STICKS, ETC., AND SHALL BE KEPT CLEAN IN ACCORDANCE WITH THE SPECIFICATIONS.
- POLICY ON PROXIMITY OF WATER AND SEWER LINES: WHENEVER POSSIBLE, IT IS DESIRABLE TO LAY PARALLEL WATER AND SEWER LINES AT LEAST TEN FEET (10') APART HORIZINTALLY, AND THE WATER LINE SHOULD BE AT HIGHER ELEVATION THAN THE SEWER. IF THIS IS NOT POSSIBLE SEPARATE TRENCHES WILL BE REQUIRED IN ALL CASES (THIS SHALL BE EFFECTIVE EVEN THOUGH ONE LINE HAS BEEN INSTALLED PRIOR TO THE OTHERS), AND THE WATER LINE SHALL BE AT LEAST TWO FEET (2') ABOVE THE SEWER. WHEREVER WATER AND SEWER LINES CROSS EACH OTHER, THE WATER LINE SHALL BE AT LEAST THREE FEET (3') ABOVE THE SEWER; OTHERWISE, THE SEWER SHALL BE OF STEEL OR CAST IRON PIPE, OR EQUIVALENT, FOR TEN FEET (10') ON EACH SIDE OF THE WATER LINE.
- NEW MANHOLES WHICH ARE TO BE INSTALLED WITHIN EXISTING WATER TABLE TO BE COATED ON EXTERIOR TO 2' ABOVE THE WATER TABLE WITH KOPPERS BITUMASTIC SUPER SERVICE BLACK COATING. TWO COATS TO BE APPLIED AT A RATE OF 70 SQUARE FEET PER GALLON PER COAT.
- PROFILE GRADES ARE AS INDICATED ON TYPICAL CURB & GUTTER DETAILS, SHEET 12 OF 14.
- CURB RETURN RADI AND STREET WIDTHS ARE TO THE BACK OF THE CURB UNLESS OTHERWISE INDICATED IN THE PLANS.
- CURB & GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR OR HIS SUBCONTRACTORS, SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, JUST PRIOR TO REPAVING CUT BACK EXISTING PAVING ON STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN, RAVELED OR CRACKED PAVING AND MATCH THE NEW PAVING GRADE TO THE EXISTING.
- WHERE REMOVAL OF EXISTING CURB & GUTTER OR SIDEWALK IS REQUIRED, REMOVE TO THE NEAREST JOINT OR SAW CUT.
- EXISTING MATERIALS TO BE REMOVED AND PAID FOR ON A UNIT BASIS SHALL BE MEASURED AND THE QUANTITIES APPROVED BY THE ENGINEER BEFORE REMOVAL.
- THE MAXIMUM ALLOWABLE QUANTITIES FOR PAYMENT FOR REPLACEMENT OF PAVEMENT WHERE WATER, SANITARY SEWER, AND STORM SEWER ARE TO BE INSTALLED UNDER EXISTING PAVEMENT WILL BE COMPUTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- WHEEL CHAIR RAMPS TO BE CONSTRUCTED AT OR NEAR CURB RETURNS AS SHOWN IN THE PLANS. ALL WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS. THE EXACT LOCATION OF EACH RAMP SHALL BE DETERMINED IN THE FIELD.
- WHEN CONSTRUCTION OF A NEW WHEEL CHAIR RAMP IS CALLED FOR AT A LOCATION WHERE CURB & GUTTER EXIST, THE CONTRACTOR SHALL REMOVE AND REPLACE EXISTING IMPROVEMENTS AS REQUIRED TO CONSTRUCT RAMP. PAYMENT FOR THIS WORK WILL BE MADE UNDER APPROPRIATE BID ITEMS.

1	2	3	4	5	6	7	8	9	10	11	12
1	0	0	0	2	0	3	7	9			

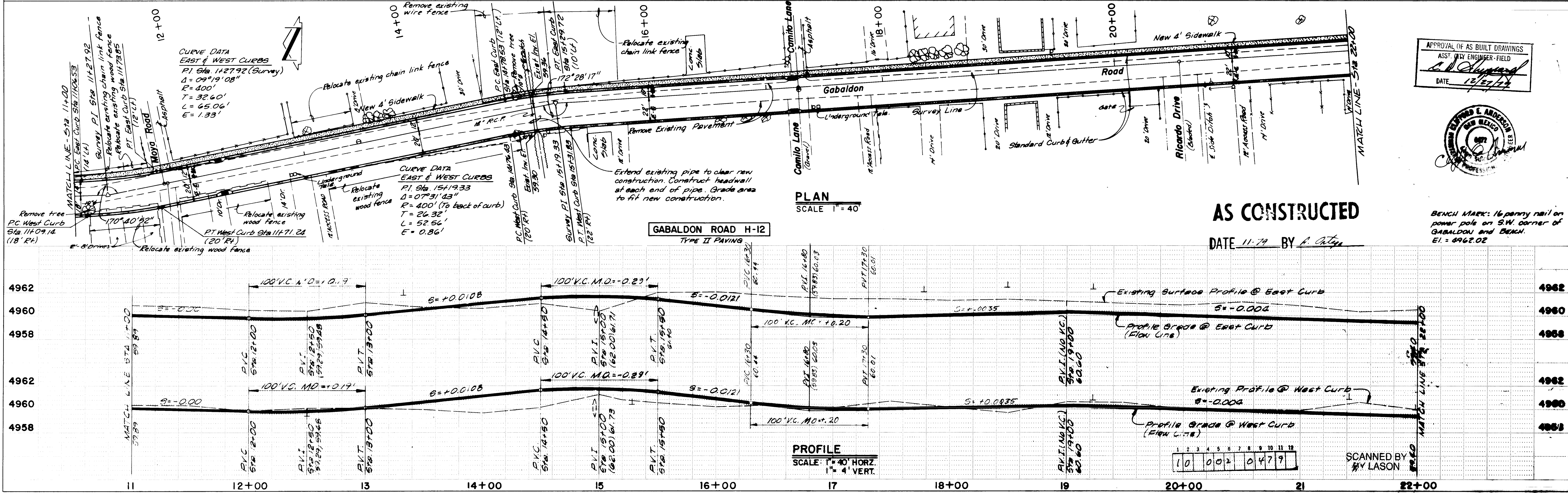
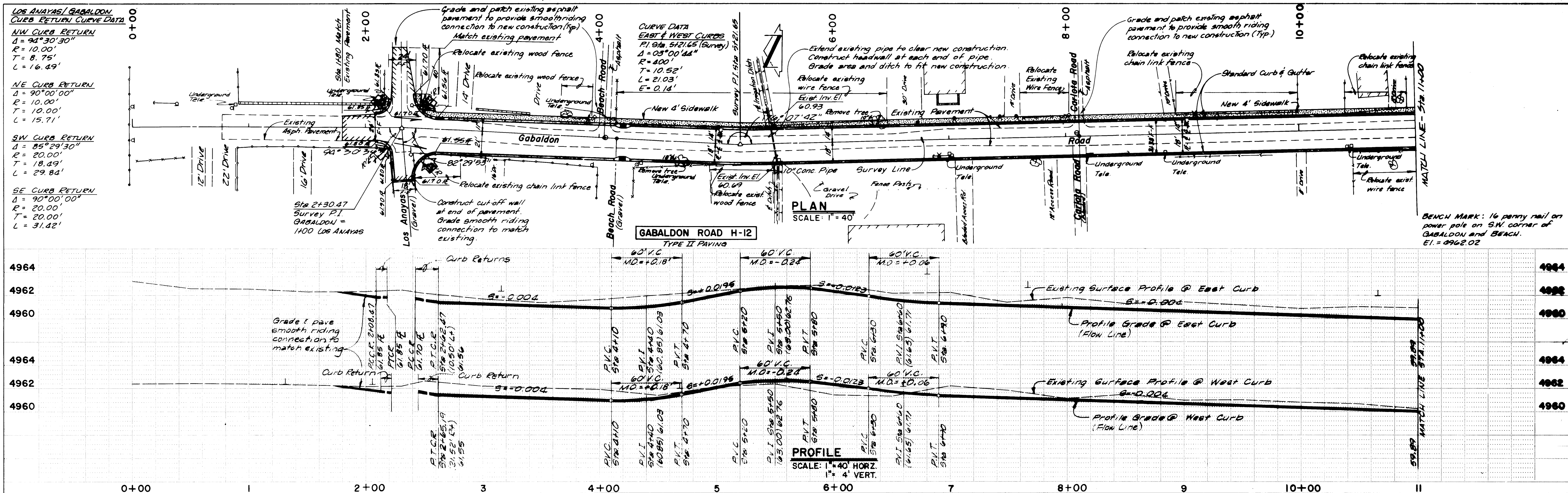
11/79 BY A. Ortega



SCANNED BY LASON

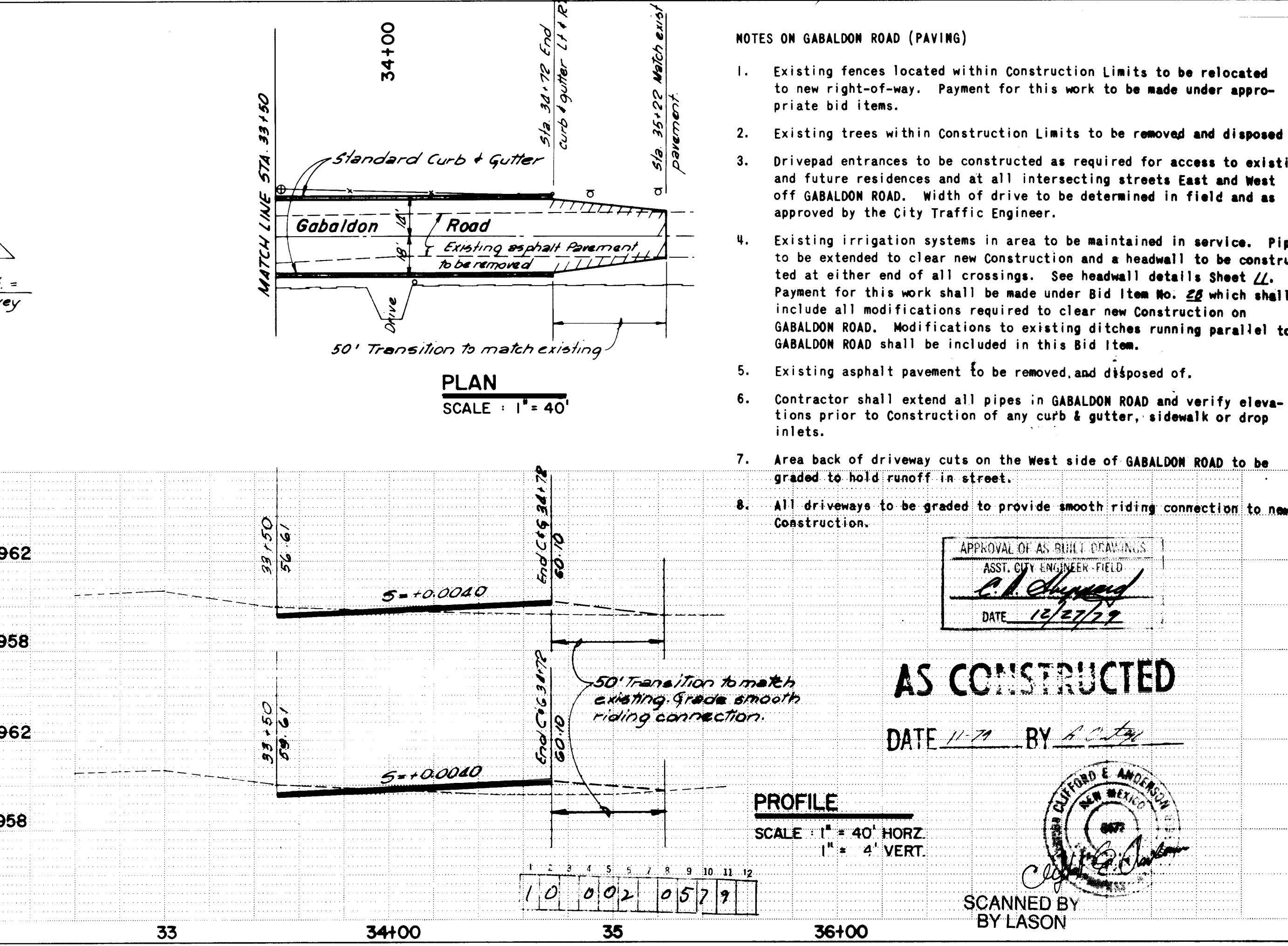
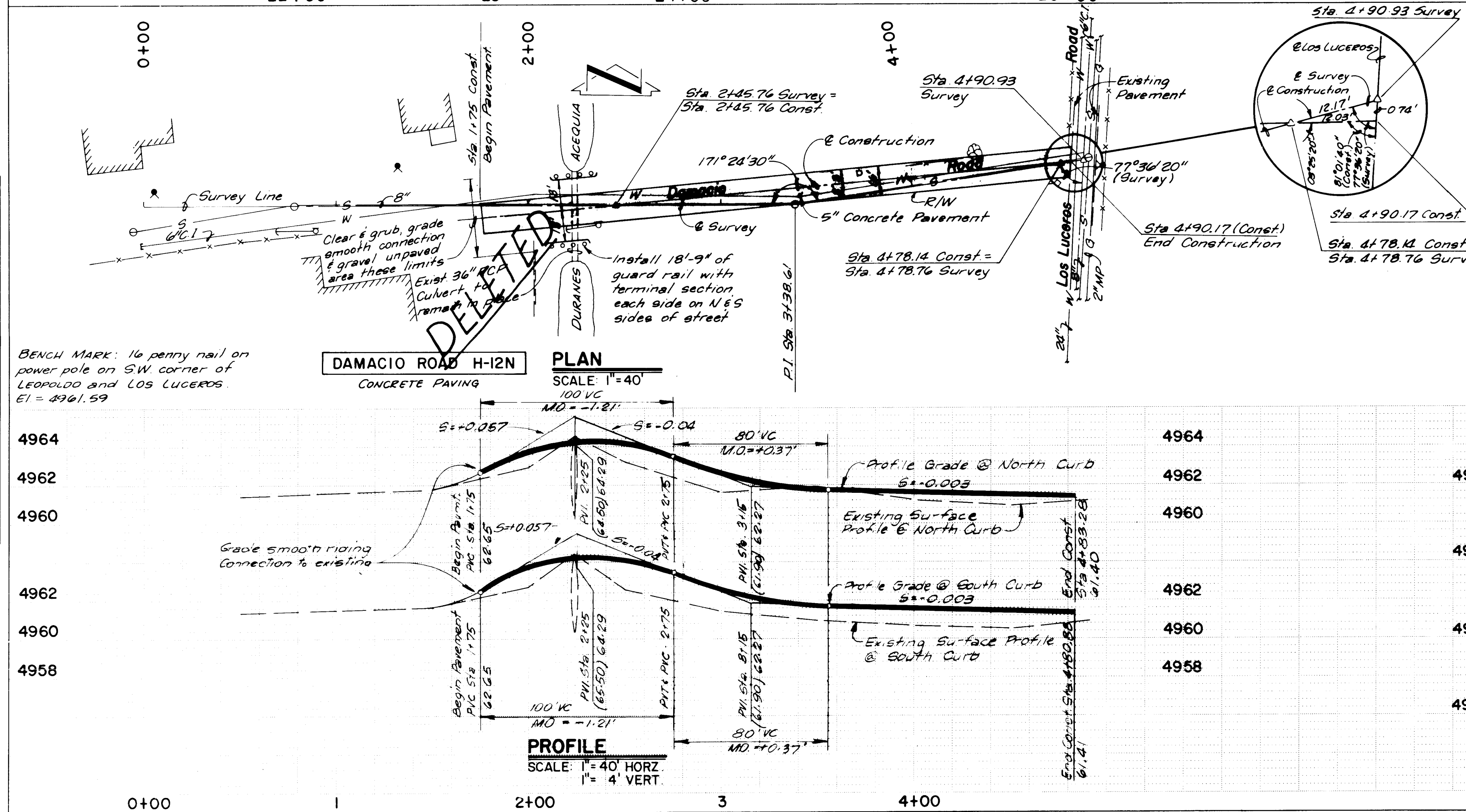
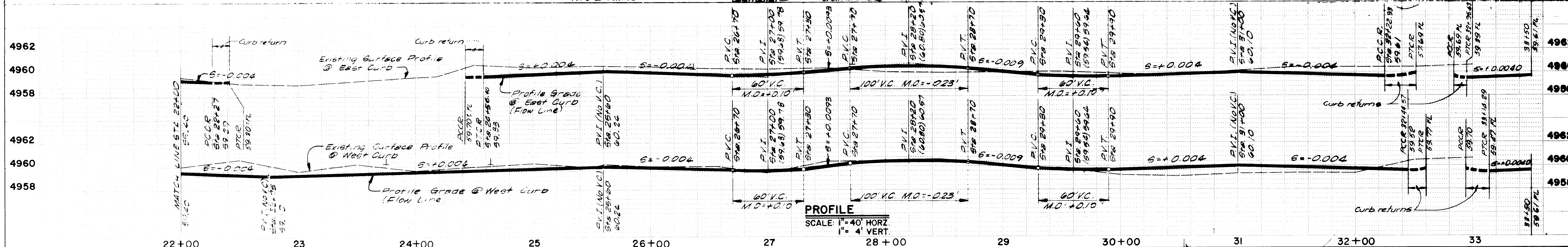
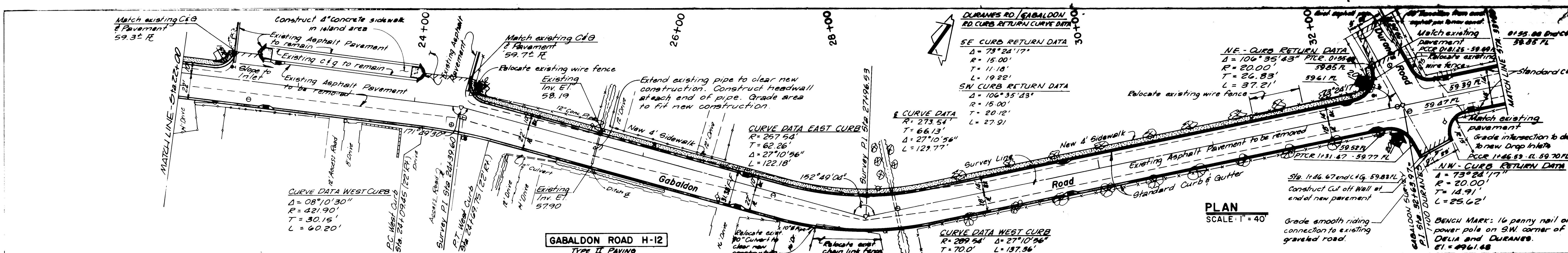
ALBUQUERQUE CD-1B			
SITE MAP & GENERAL NOTES			
CITY OF ALBUQUERQUE			
albuquerque	bernalillo	county	new mexico
DATE	JOB NO.	SCALE	DRAWN: L M SHEET 3
APRIL 77	76039	AS SHOWN	CH'D: T M OF 14
Scanlon & associates, inc. Engineers-Planners			
albuquerque artesia santa fe			

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



PLAN	DATE	BY	DATE	BY
DESIGNED				
CHECKED				
NOTED				
DATE				
BY				

PROFILE	DATE	BY	DATE	BY
DESIGNED				
CHECKED				
NOTED				
DATE				
BY				



- NOTES ON GABALDON ROAD (PAVING)**
- Existing fences located within Construction Limits to be relocated to new right-of-way. Payment for this work to be made under appropriate bid items.
 - Existing trees within Construction Limits to be removed and disposed of.
 - Driveway entrances to be constructed as required for access to existing and future residences and at all intersecting streets East and West of GABALDON ROAD. Width of drive to be determined in field and as approved by the City Traffic Engineer.
 - Existing irrigation systems in area to be maintained in service. Pipes to be extended to clear new Construction and a headwall to be constructed at either end of all crossings. See headwall details Sheet LL. Payment for this work shall be made under Bid Item No. 22 which shall include all modifications required to clear new Construction on GABALDON ROAD. Modifications to existing ditches running parallel to GABALDON ROAD shall be included in this Bid Item.
 - Existing asphalt pavement to be removed and disposed of.
 - Contractor shall extend all pipes in GABALDON ROAD and verify elevations prior to Construction of any curb & gutter, sidewalk or drop inlets.
 - Area back of driveway cuts on the West side of GABALDON ROAD to be graded to hold runoff in street.
 - All driveways to be graded to provide smooth riding connection to new Construction.

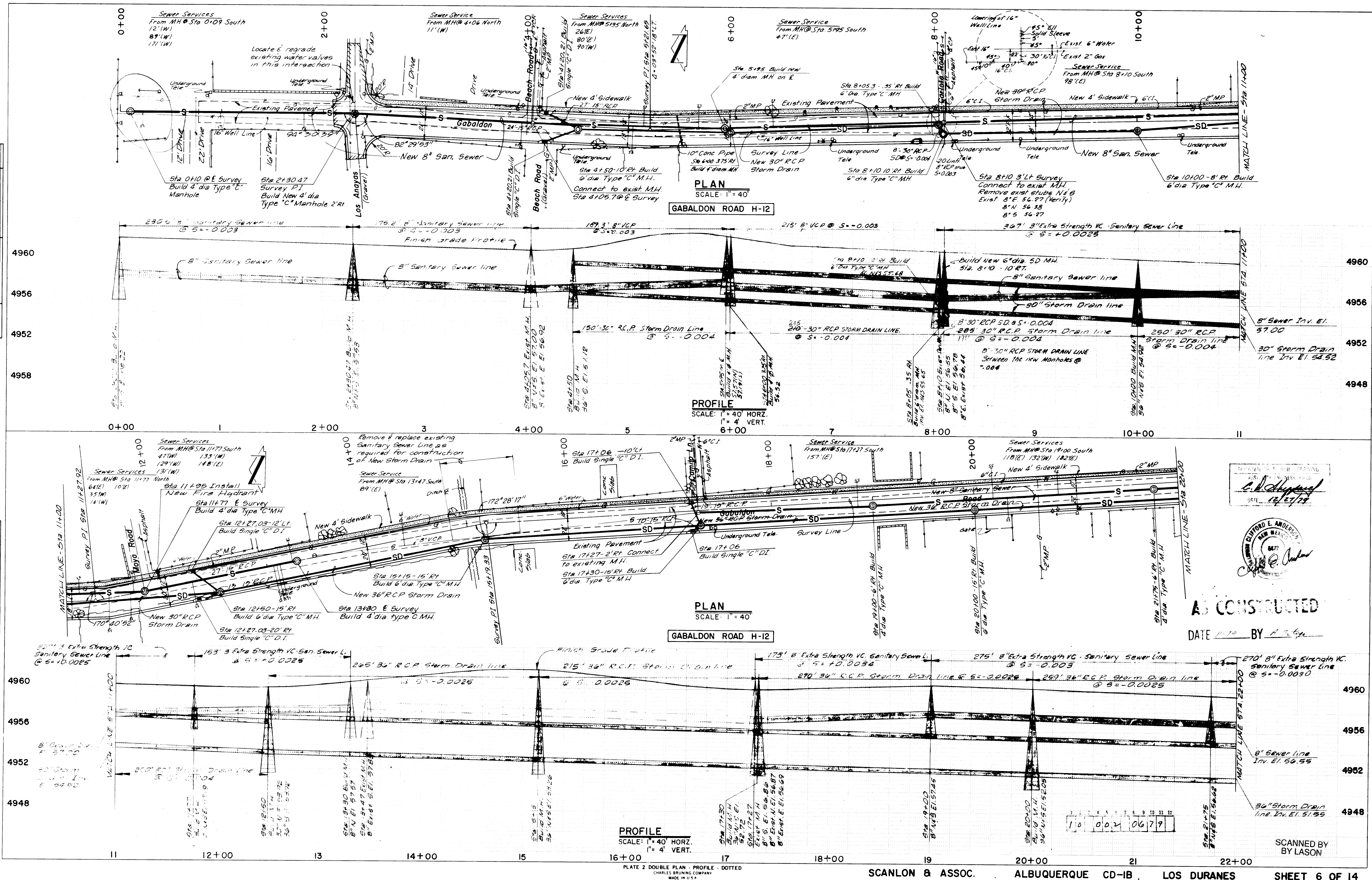
APPROVAL OF AS BUILT DRAWINGS
 ASST. CITY ENGINEER - FIELD
 DATE: 12/27/77

AS CONSTRUCTED

DATE: 11-77 BY: [Signature]

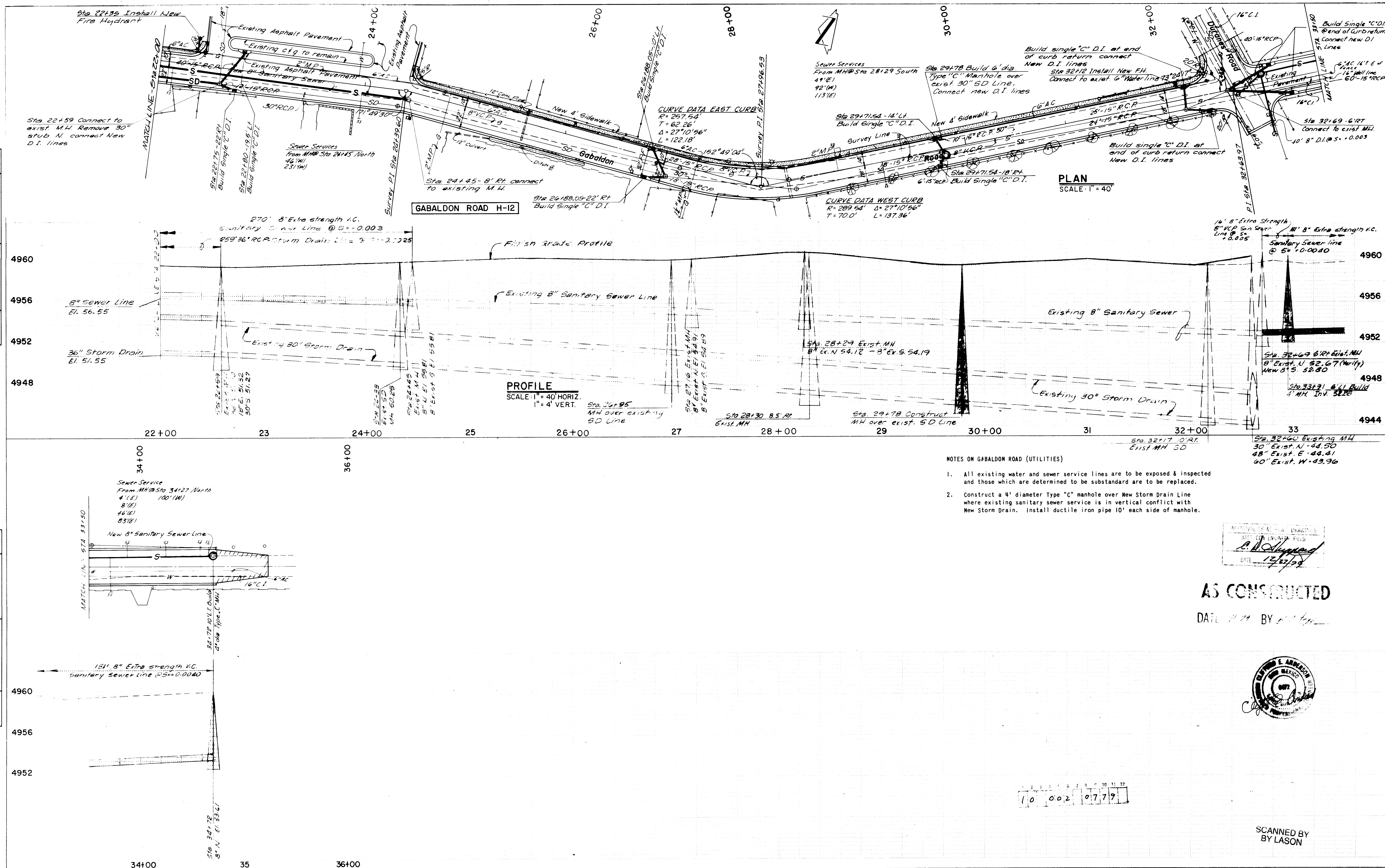
SCANNED BY LASON

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NOTE BOOK	PLOTTED _____		
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	B. M. NOTED _____		
	STRUCTURE NOTATIONS CH'KD _____		



PLAN	DATE	BY	DATE
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NO. 3			
NO. 4			
NO. 5			
NO. 6			
NO. 7			
NO. 8			
NO. 9			
NO. 10			

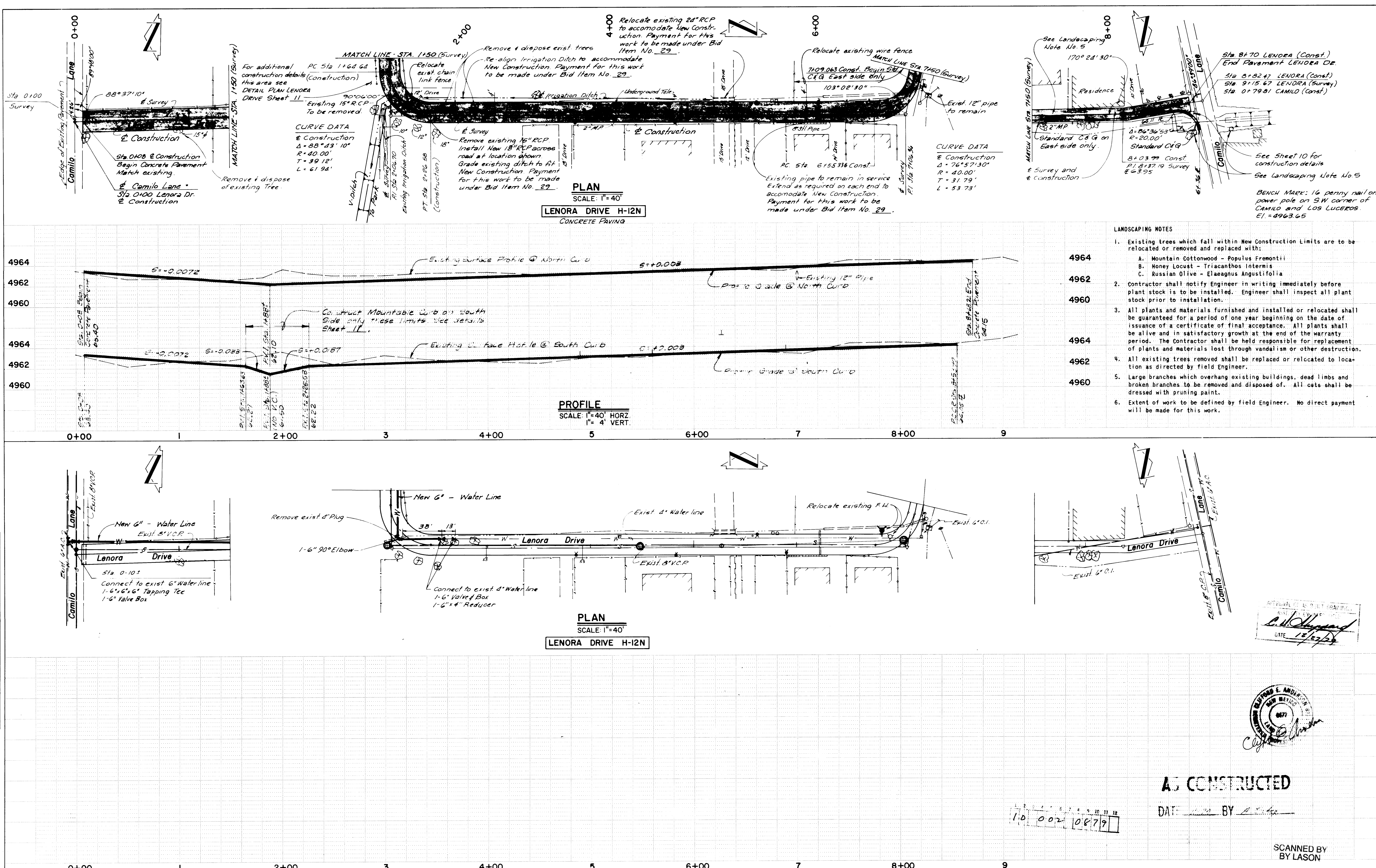
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NO. 9			
NO. 10			



PLAN	DATE	BY	DATE	BY
CONVISED				
NOTED				
PLANNED				
NO				

SCANLON AND ASSOCIATES
ENGINEERS PLANNERS

PROFILE	DATE	BY	DATE	BY
CONVISED				
NOTED				
PLANNED				
NO				



APPROVAL OF AS BUILT DRAWING
DATE 12/12/24

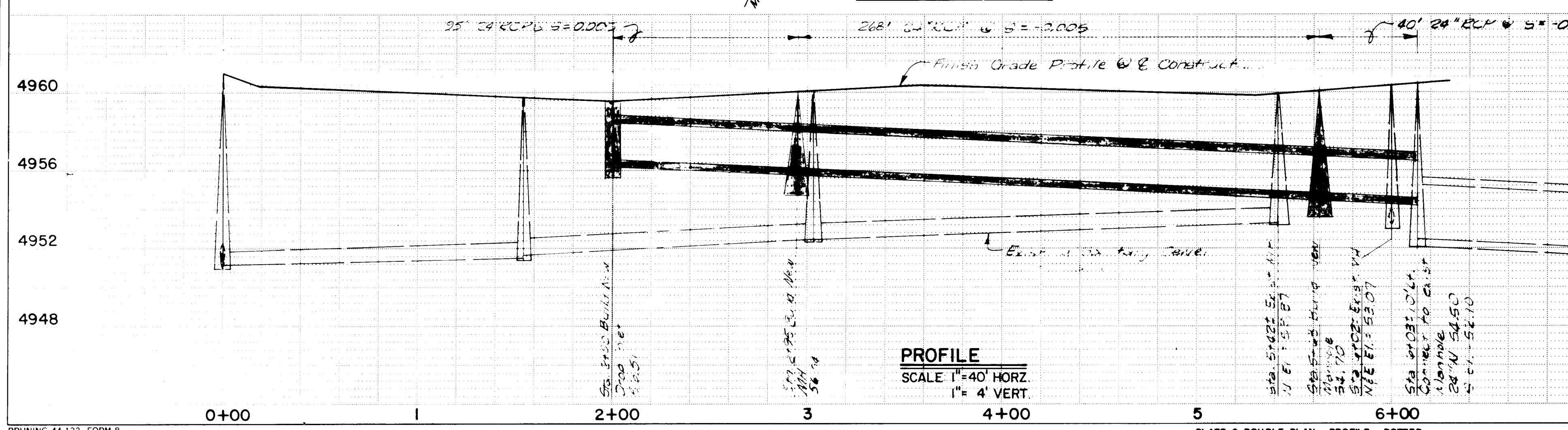
SCANNED BY LASON

AS CONSTRUCTED

DATE 12/12/24 BY [Signature]

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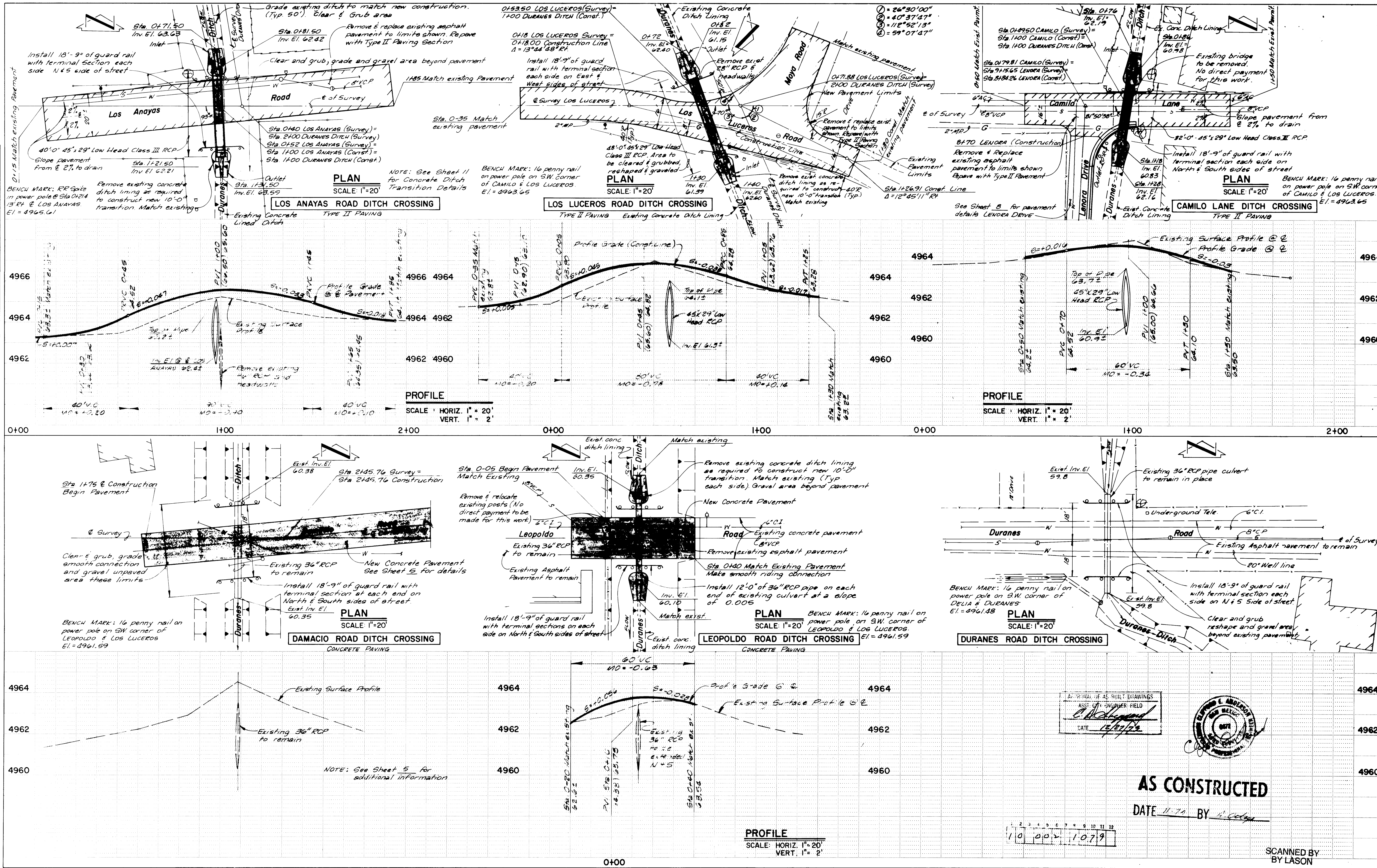
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	B M S NOTED _____			
	STRUCTURE NOTATIONS CHECKED _____			



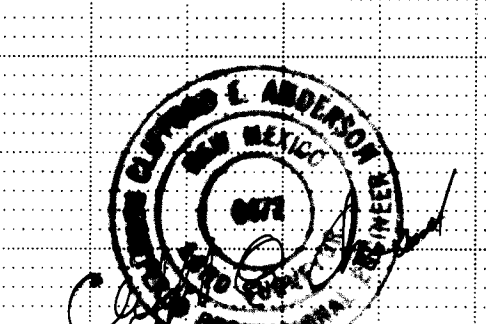
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PLAN	
NOTE BOOK	
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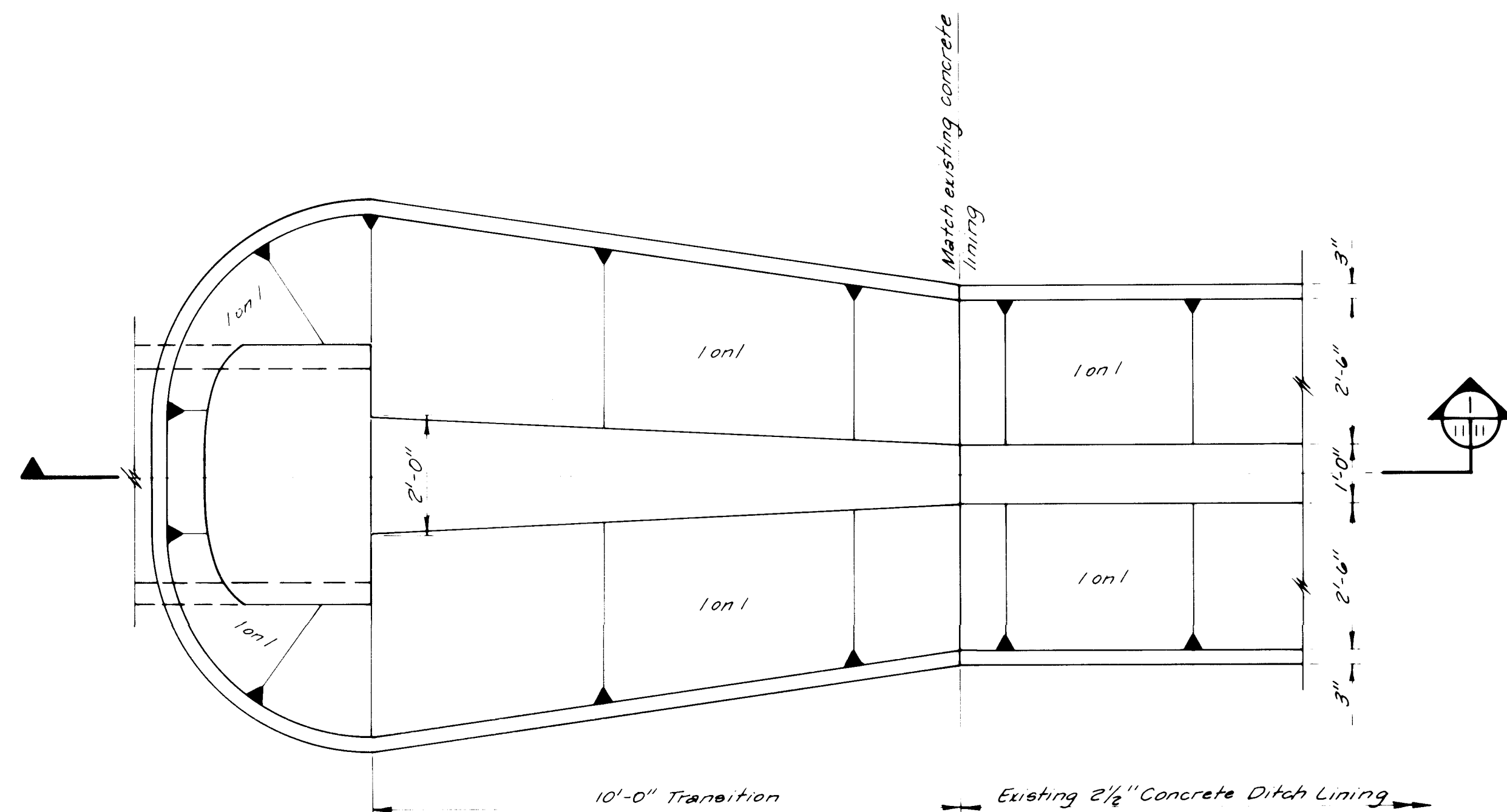
SCANLON AND ASSOCIATES
ENGINEERS PLANNERS

DATE	
BY	
PROFILE	
NOTE BOOK	
NO	

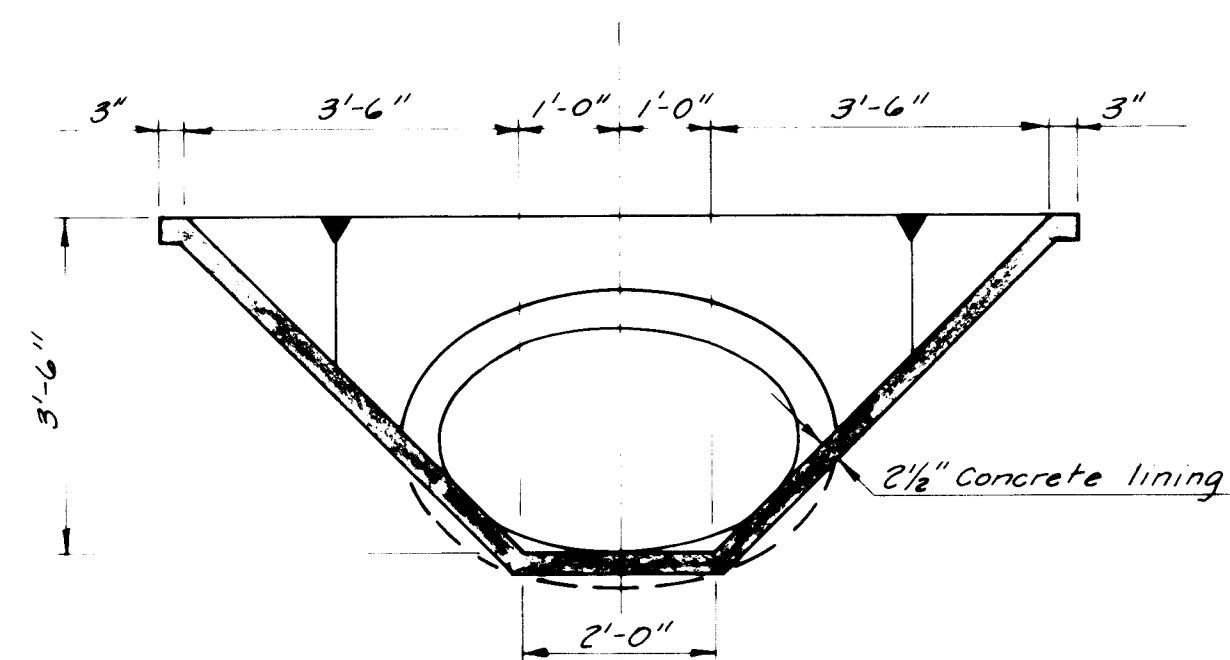


AS CONSTRUCTED
DATE 11-7-79 BY J. C. C. J.

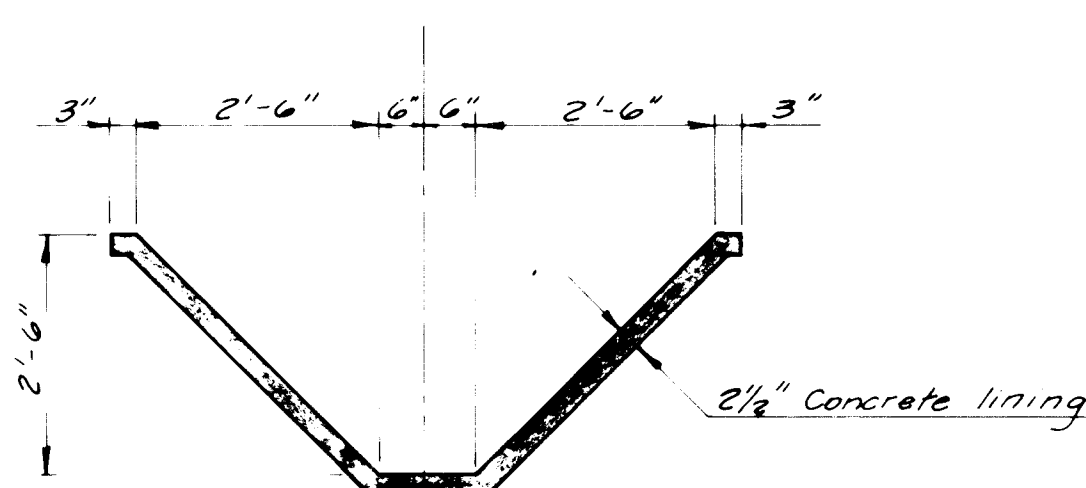




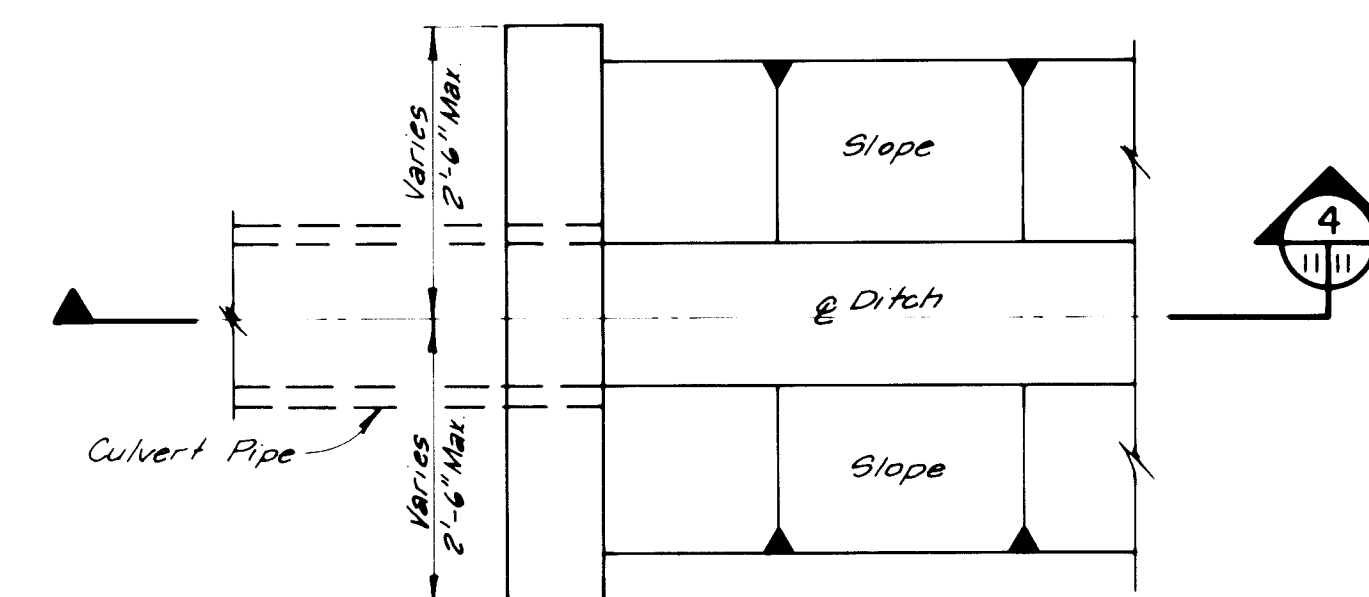
PLAN
SCALE 1/2"=1'-0"



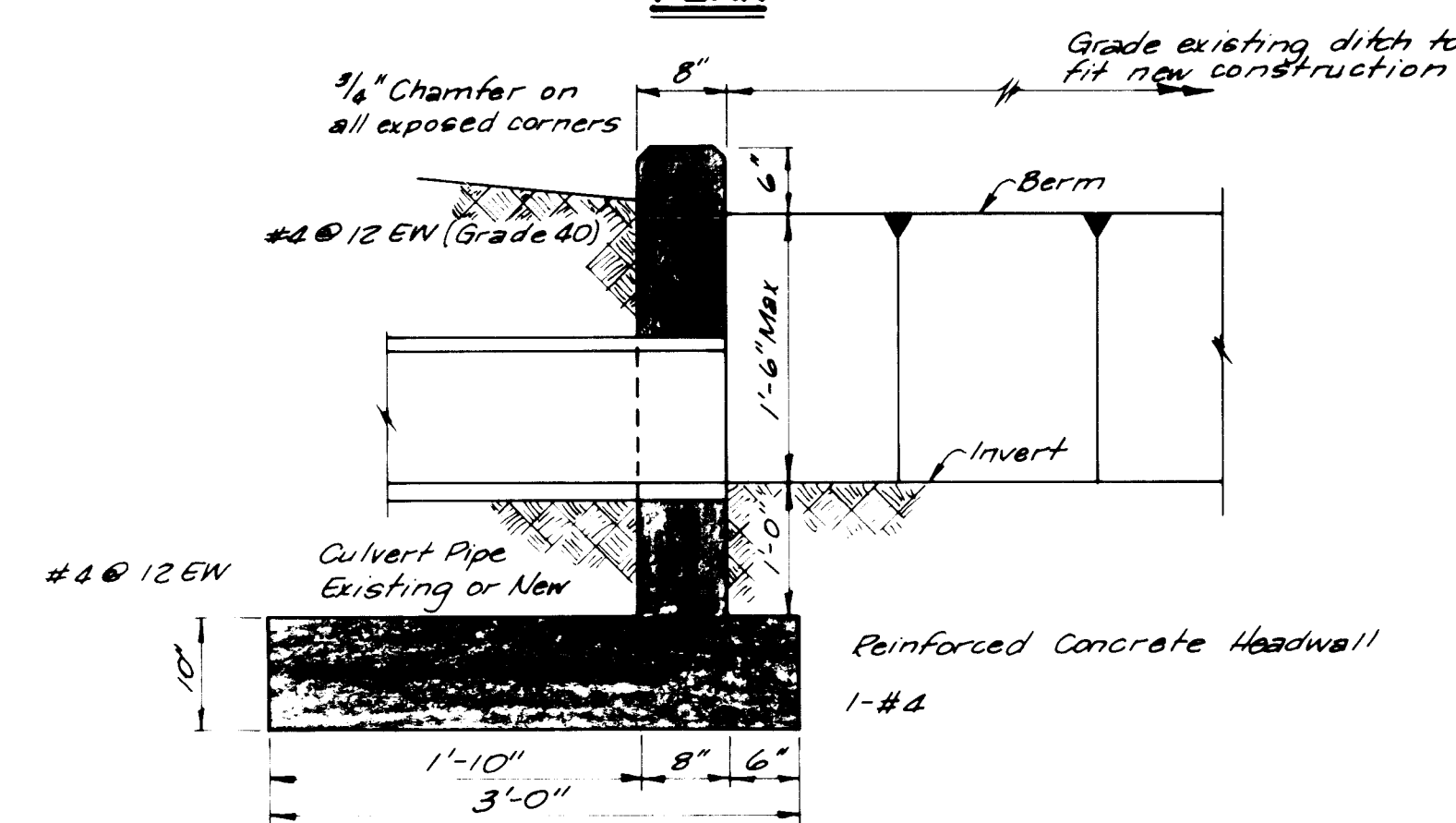
SECTION 2
SCALE 1/2"=1'-0"



SECTION 3
SCALE 1/2"=1'-0"

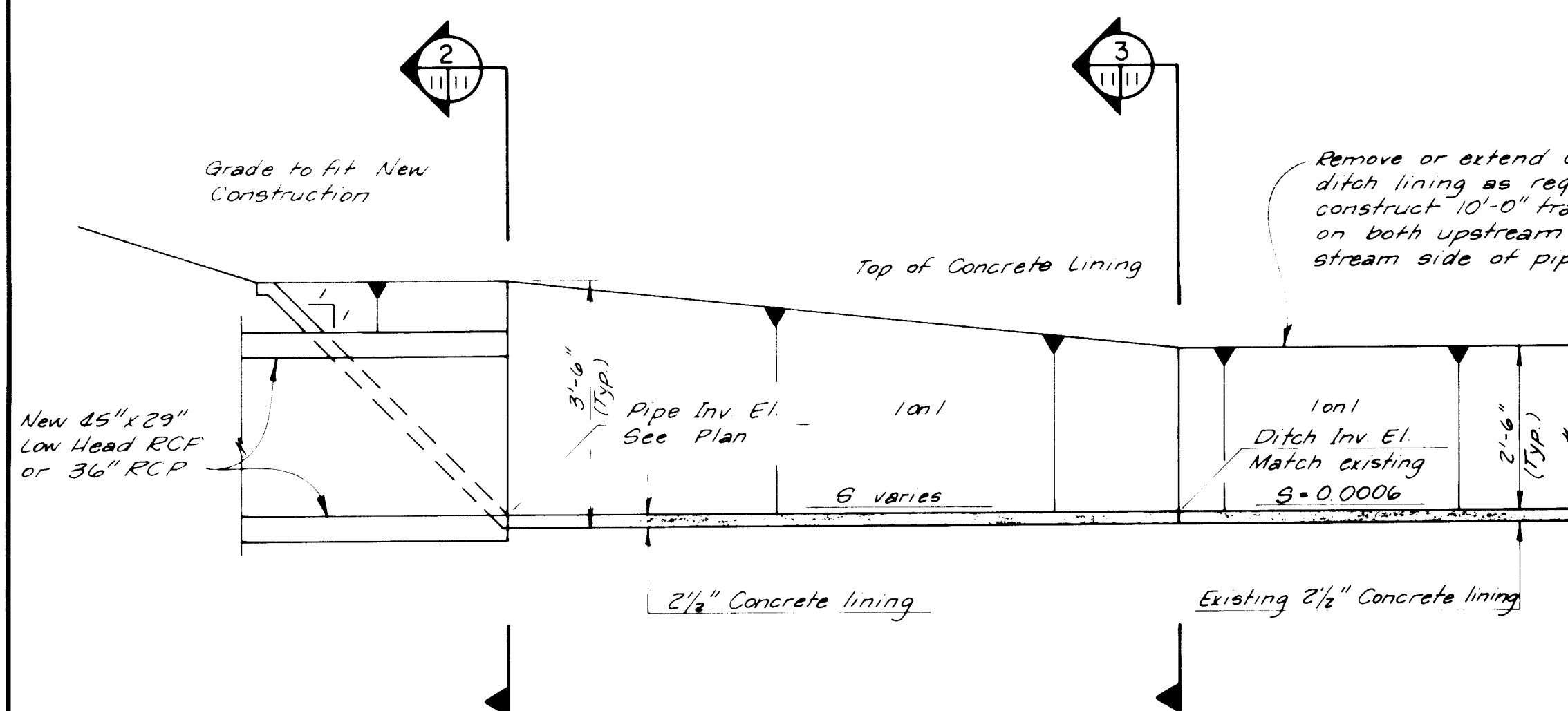


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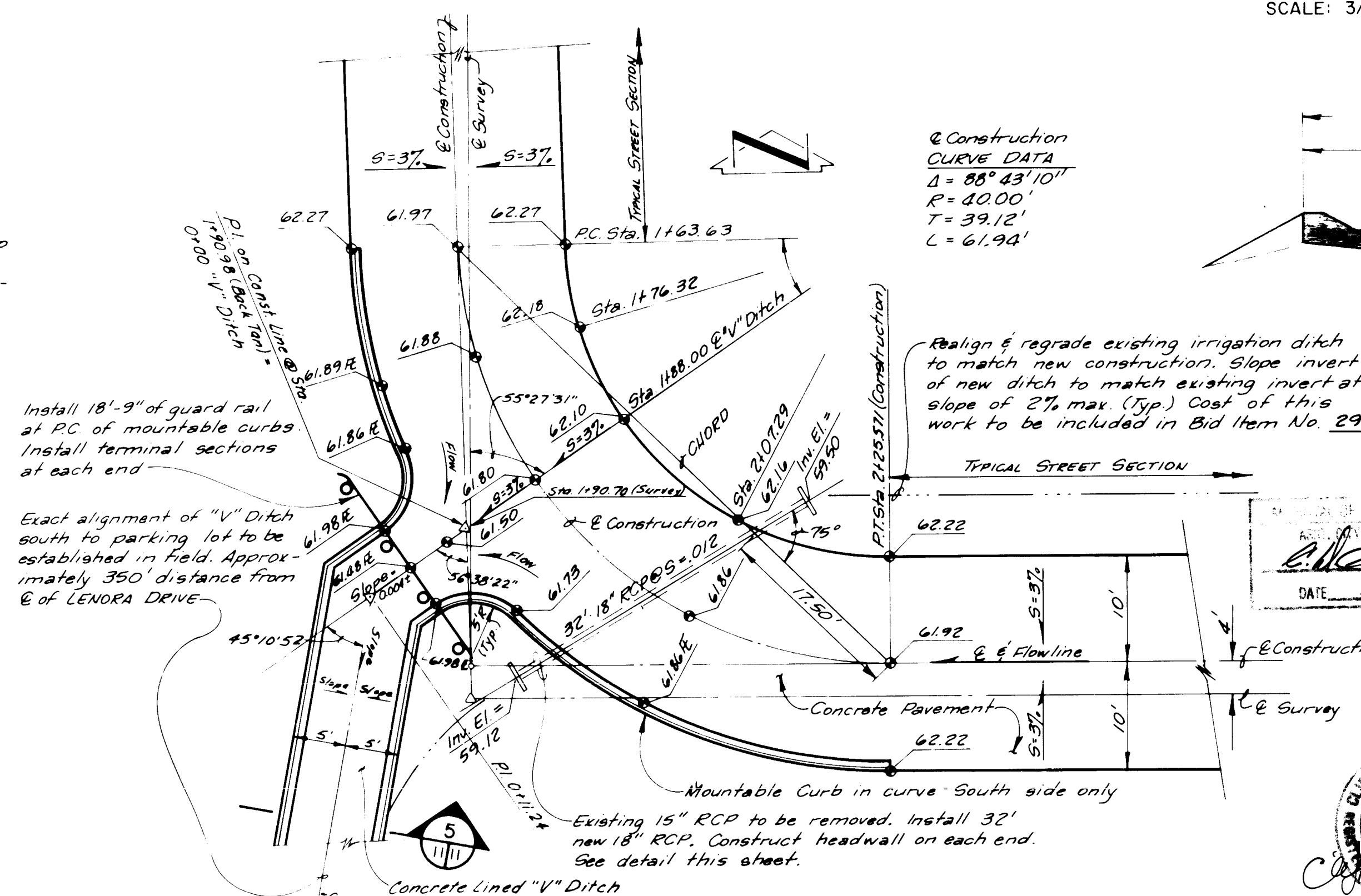
SECTION 4
SCALE 1/2"=1'-0"

IRRIGATION CULVERT HEADWALL DETAILS
SCALE: 3/4"=1'-0"

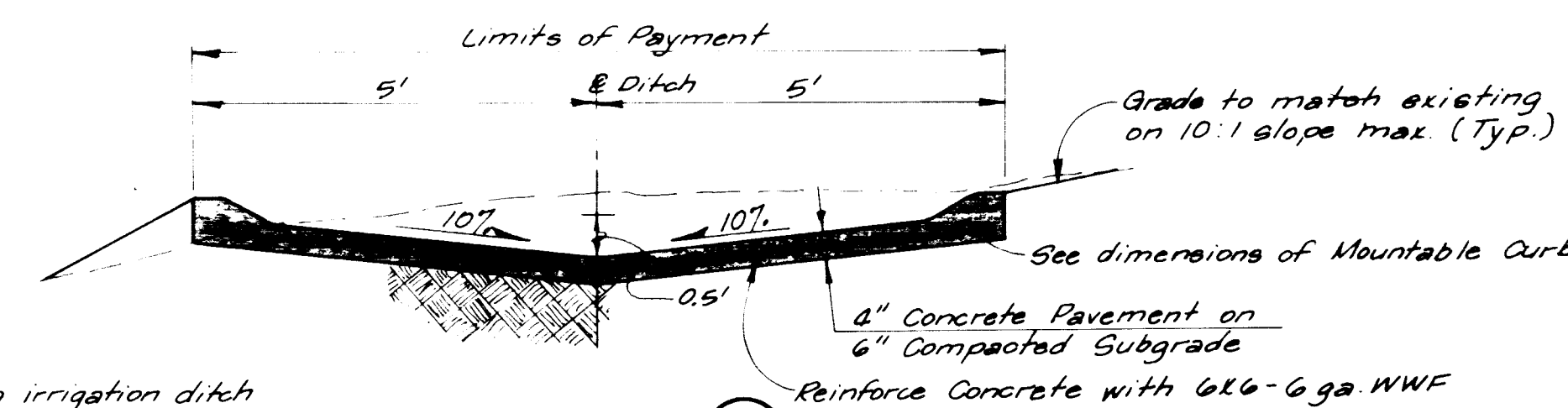


SECTION 2
SCALE 1/2"=1'-0"

Remove or extend concrete ditch lining as required to construct 10'-0" transition on both upstream & downstream side of pipe.



DETAIL PLAN LENORA DRIVE
SCALE: 1"=10'



SECTION 5
SCALE: 1"=2'

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ALBUQUERQUE CD-1B

MISCELLANEOUS DETAILS

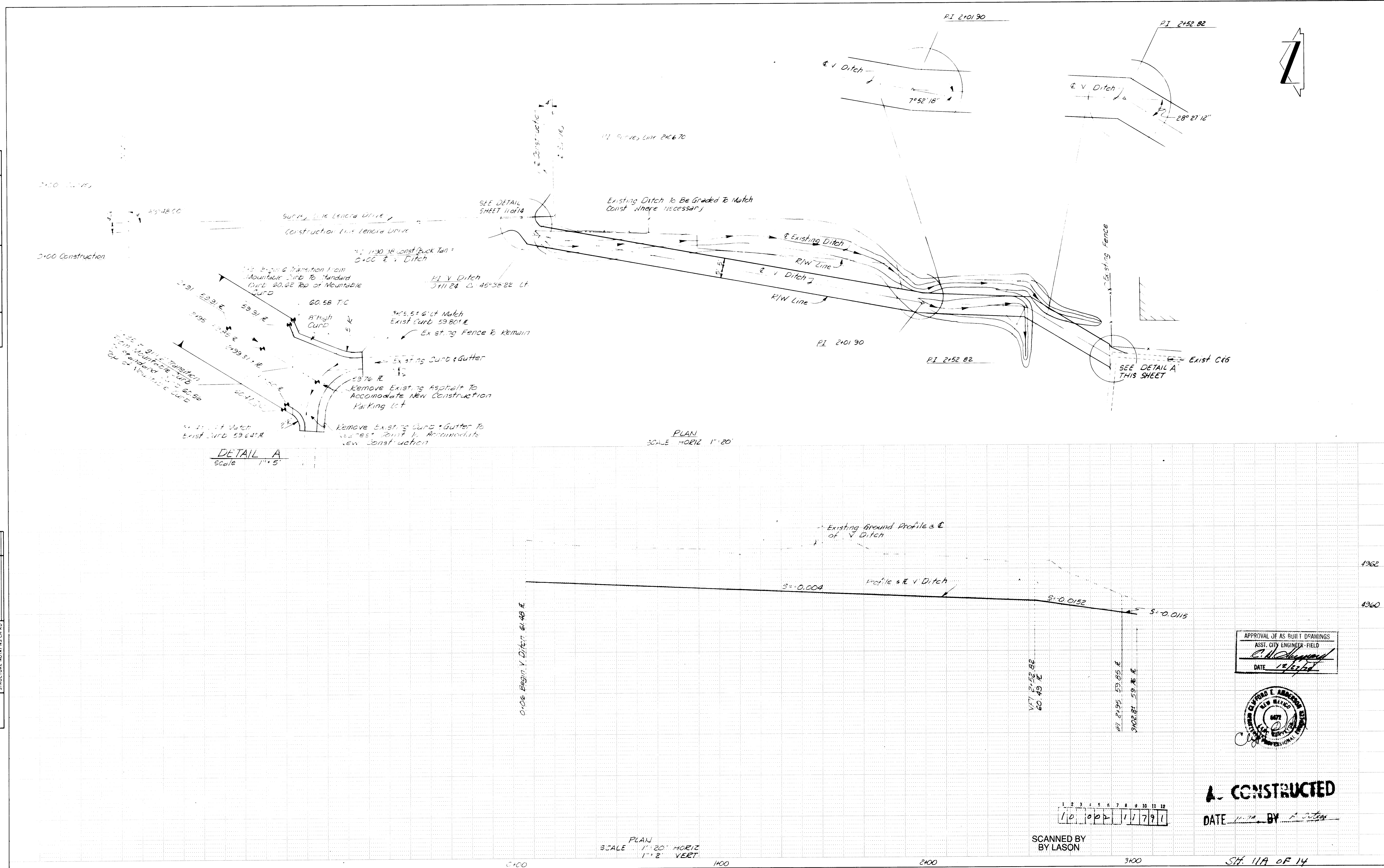
CITY OF ALBUQUERQUE

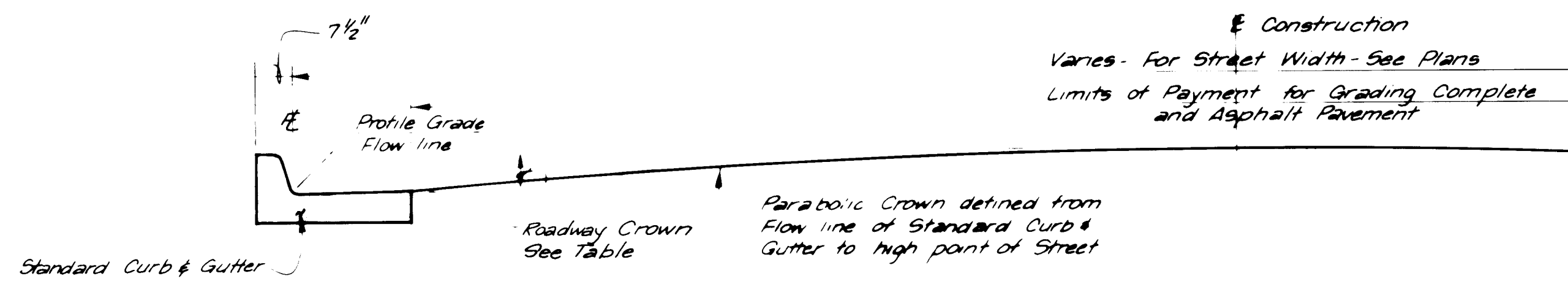
albuquerque	bernalillo	county	new mexico
DATE FEB. '78	JOB NO. 76039	SCALE AS SHOWN	DRAWN: LH CHK'D: RL

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BY LASON

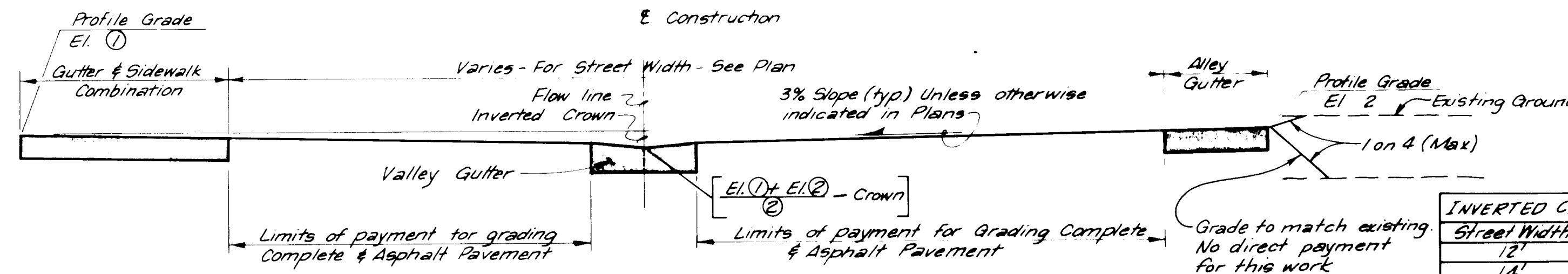
PROFILE	SURVEYED _____		BY _____	DATE _____
	PLOTTED _____			
	GRADES CHECKED _____			
	B. M. NOTED _____			
	STRUCTURE NOTATION CHECKED _____			





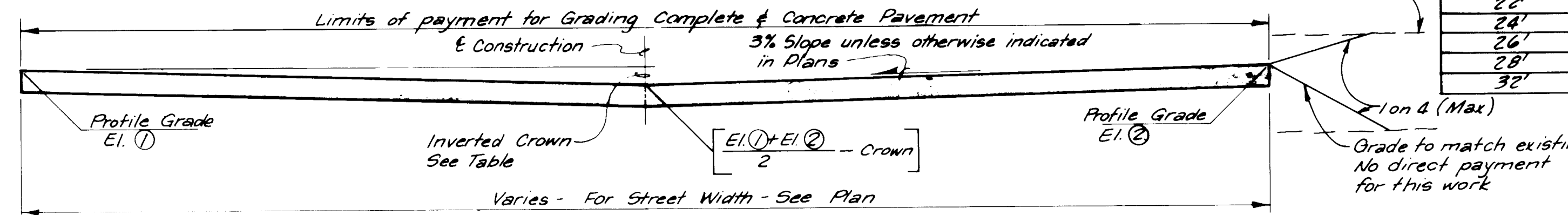
TYPICAL CURB & GUTTERED STREET
SCALE: 1/2" = 1'-0" (GABALDON ROAD)

Street Width	Crown
28'	3 1/4"
32'	4"
36'	4 1/4"

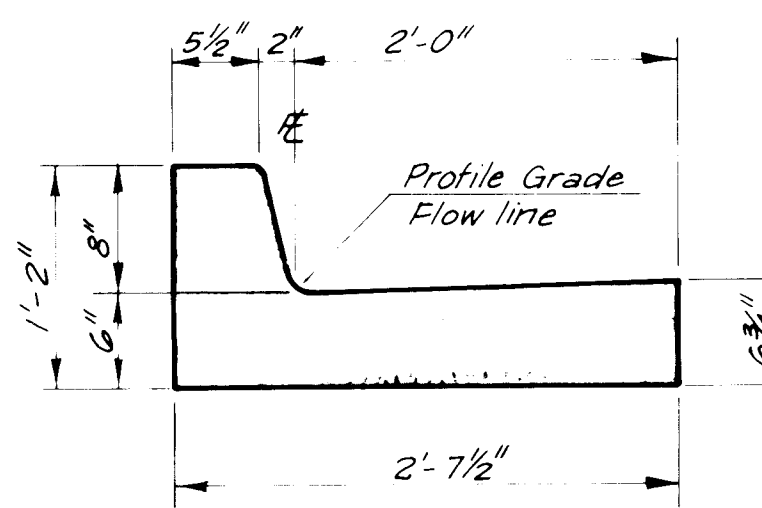


TYPICAL GUTTERED - ASPHALT PAVED STREET
SCALE: 1/2" = 1'-0" (DURANES ROAD)

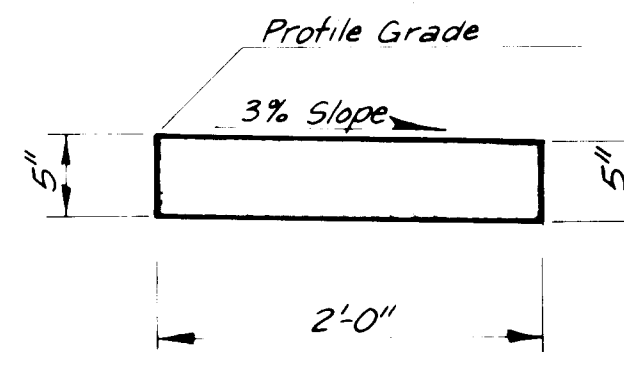
Street Width	Crown
12'	2 1/4"
14'	2 1/2"
16'	2 3/4"
18'	3"
20'	3 1/4"
22'	3 1/2"
24'	3 3/4"
26'	4"
28'	4 1/4"
30'	4 1/2"



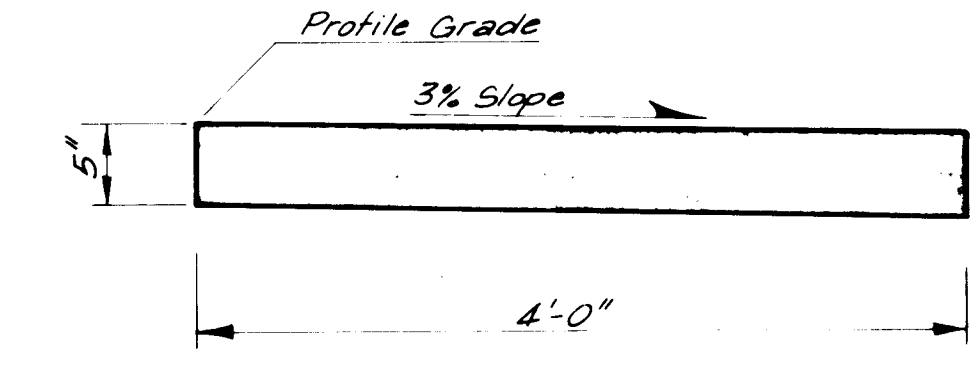
TYPICAL CONCRETE PAVED STREET
SCALE: 1/2" = 1'-0" (LENORA DRIVE - DAMACIO ROAD)



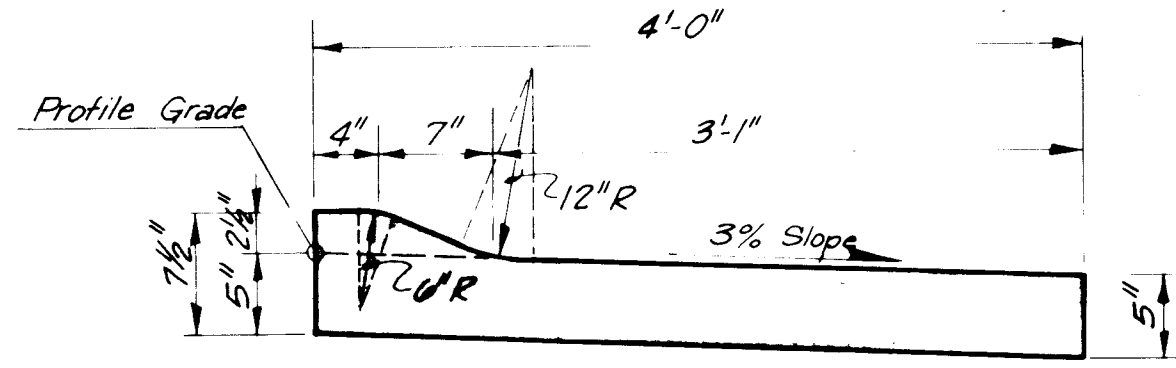
STANDARD CURB & GUTTER



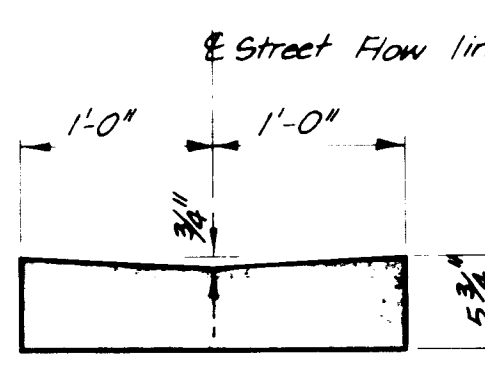
ALLEY GUTTER



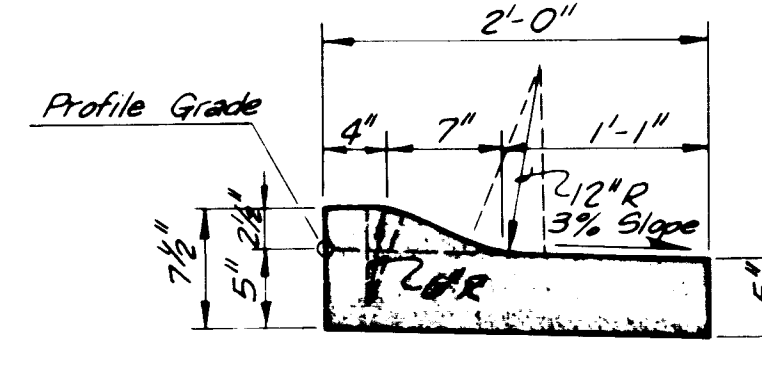
GUTTER & SIDEWALK COMBINATION



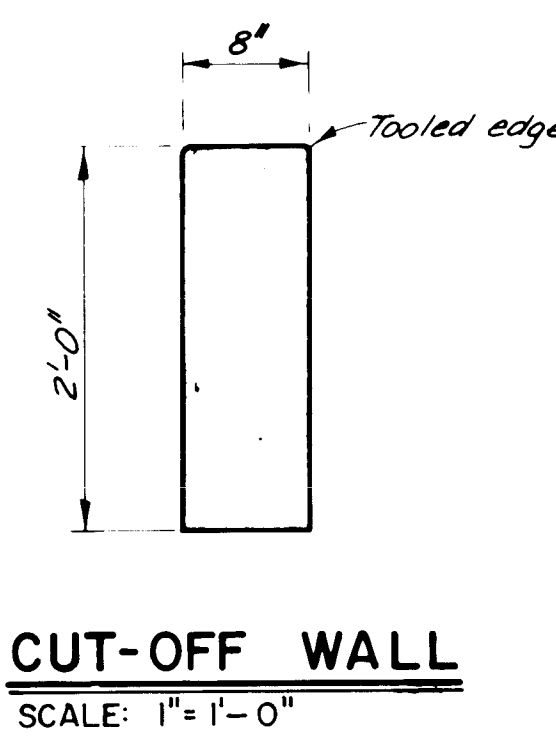
MOUNTABLE CURB & SIDEWALK COMBINATION



VALLEY GUTTER

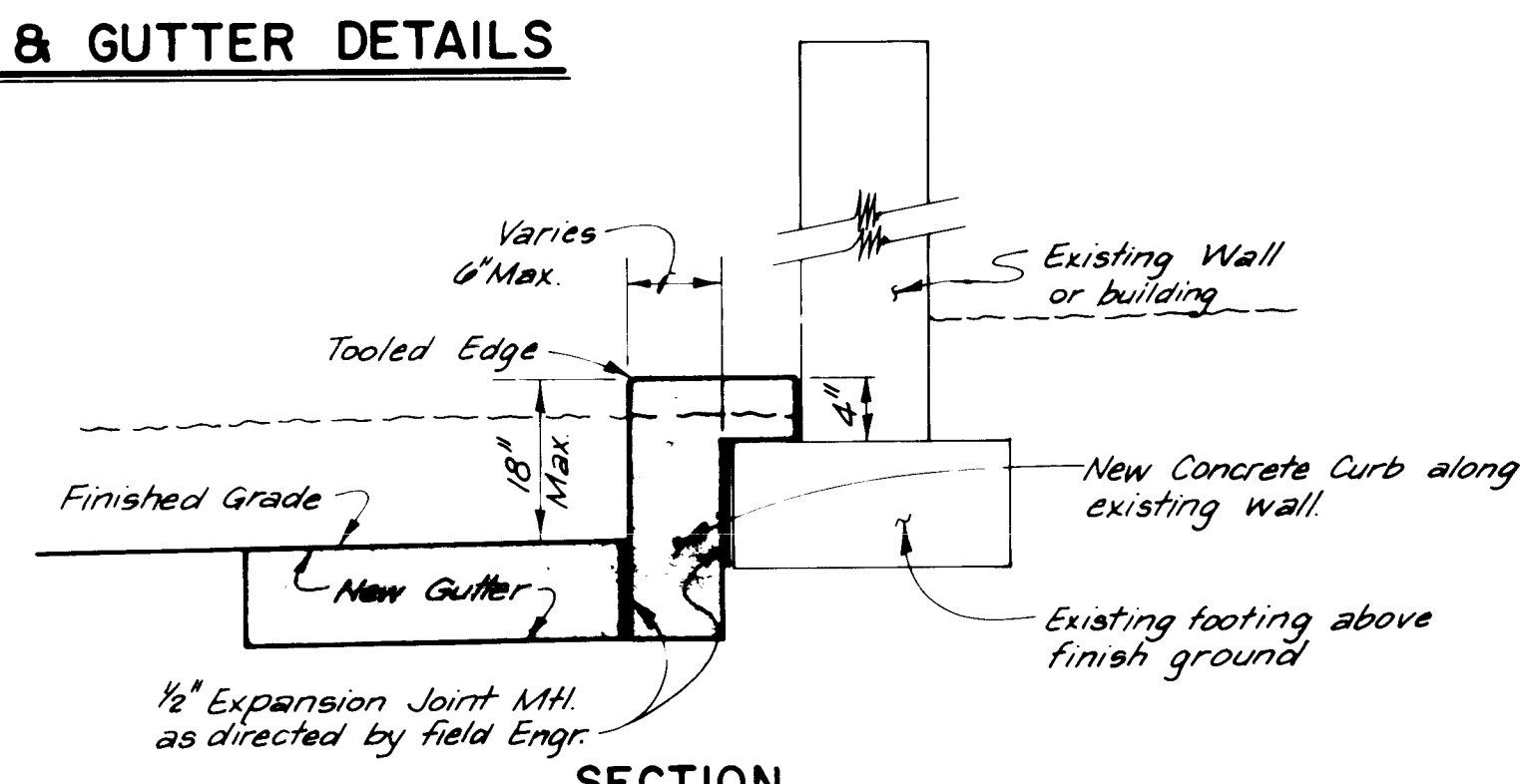


MOUNTABLE CURB

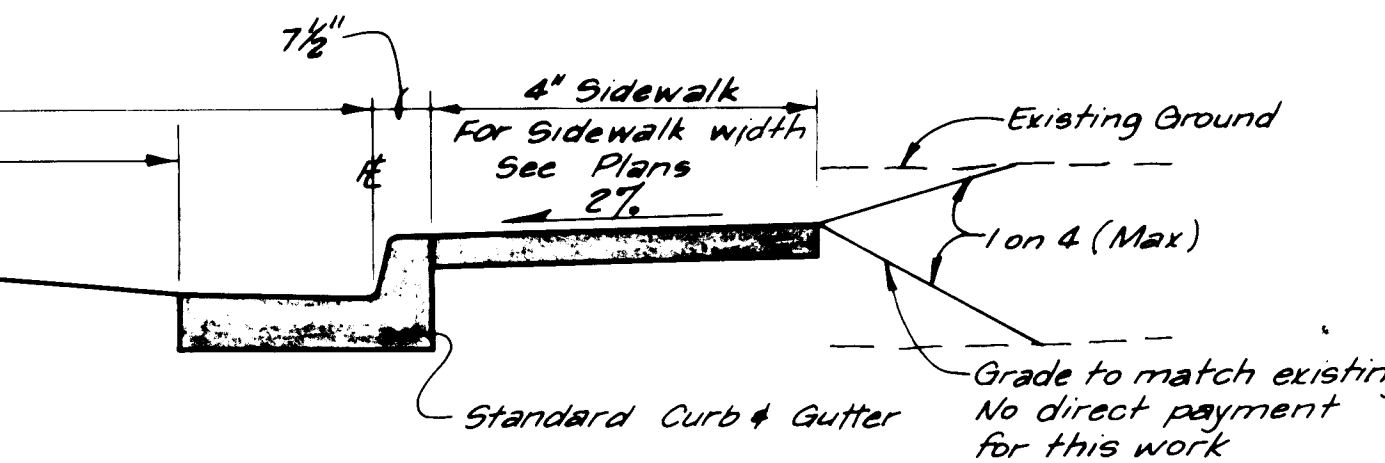


CUT-OFF WALL
SCALE: 1" = 1'-0"

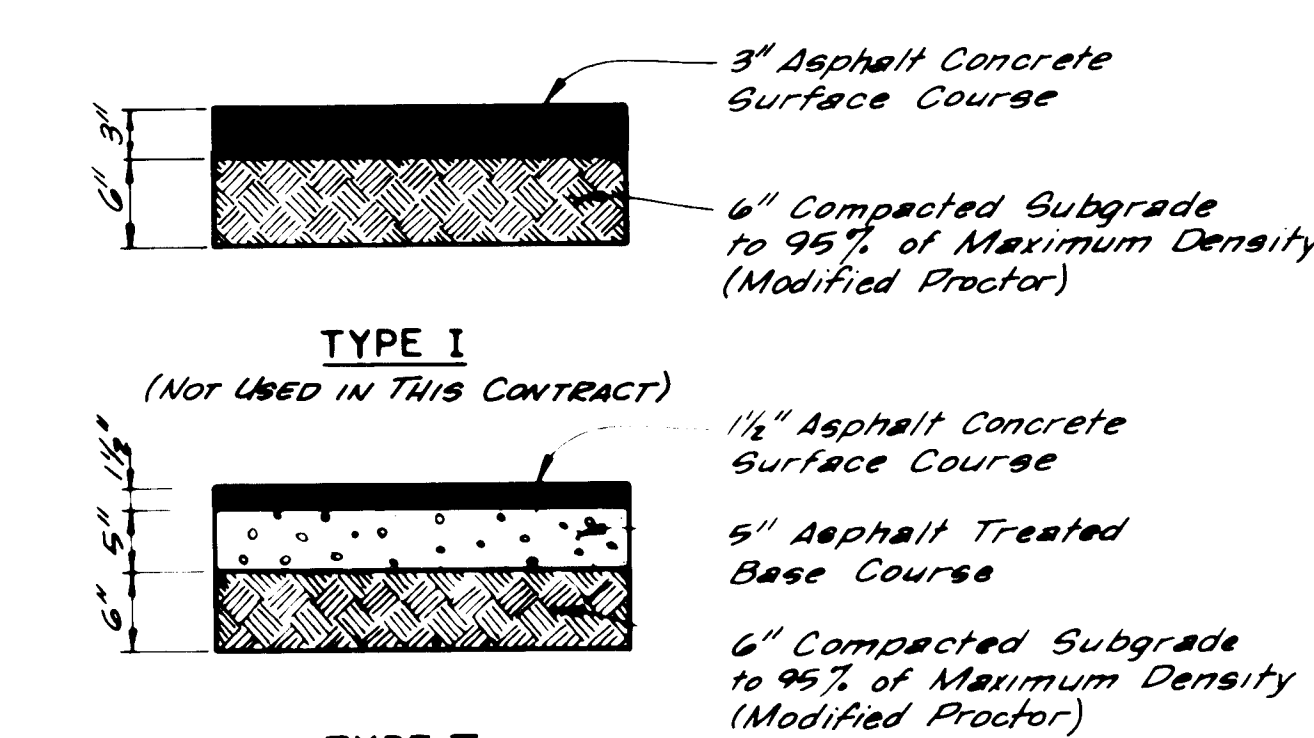
TYPICAL CURB & GUTTER DETAILS
SCALE: 1" = 1'-0"



SECTION CONC. CURB ALONG EXIST. WALL
NO SCALE



CONCRETE PAVING

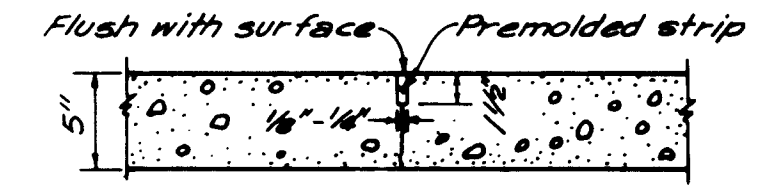


TYPICAL PAVING SECTION
NO SCALE

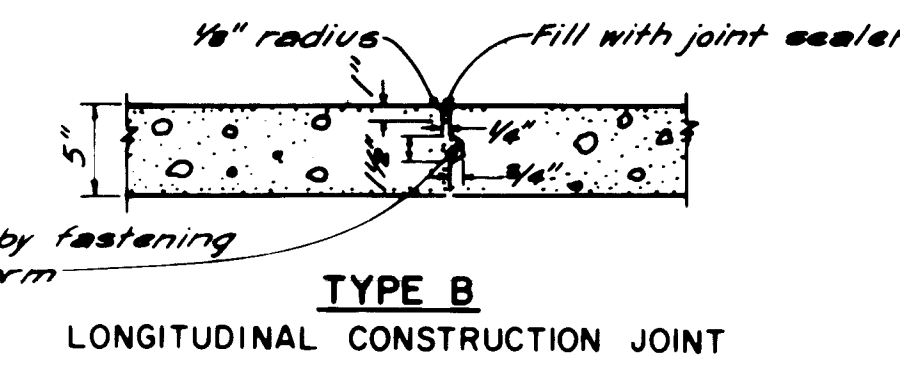
INTERSECTION NOTES:

- All curb return radii shown are to back of curb.
- Valley gutter to be installed across intersections only where indicated in plans. See Standard Details - City of Albuquerque.
- Elevations shown in plans & profiles are profile grade elevations as described in Typical Curb & Gutter details, unless otherwise indicated.
- Wheelchair ramps to be constructed in curb returns at locations indicated in the plans and as detailed in City of Albuquerque Std. Details.
- VERTICAL TRANSITION SECTION: Transition from 8" high curb (standard curb & gutter) to no curb (side-walk - gutter combination) or to 2 1/2" high curb (mountable curb).
- Flow line across intersection to be maintained 8" below top of standard curb.
- Remove existing curb & gutter to nearest joint beyond P.C. or P.T. of New curb return. Match existing.
- Existing pavement shall be removed to 1' from tip of existing gutter unless otherwise instructed by field engineer.
- Concrete pavement at intersections to be placed only as shown in Plans. Payment for this work to be made under 5" Concrete Pavement item.
- No direct payment to be made for concrete pavement of fill areas. Cost to be included in price bid for curb & gutter.
- Measurement for payment of Curb & Gutter to be taken at back of curb.
- Field Engineer to inspect forming at each intersection to verify positive drainage before concrete is being poured.

- PAVING NOTES:**
- Pavement types referred to in bid form are as described on this sheet. Disregard typical paving sections shown on drawing No. P-4-1, City of Albuquerque Standard Details.
 - Cost of grading and Subgrade Compaction under New Curb & Gutter to be included in price bid for Curb & Gutter.
 - Cost of furnishing and installing 2" Sand Cushion, Subgrade Compaction and Grading of Sidewalks and Driveways to be included in price bid for Sidewalks.
 - Payment limits for Grading Complete to be the same as pavement limits for asphalt and concrete pavement.
 - All pavement to be done in this contract is Residential paving and any reference to Arterial paving in Specifications is to be disregarded.
 - Where Concrete pavement is placed abutting existing buildings or walls separate with 1/2" expansion joint material in Concrete pavement.
 - See Standard Details for joint requirements in curbs, gutters and sidewalks.
 - Compaction of subgrade to extend from back of sidewalk to back of sidewalk. Payment to be made under appropriate bid item.

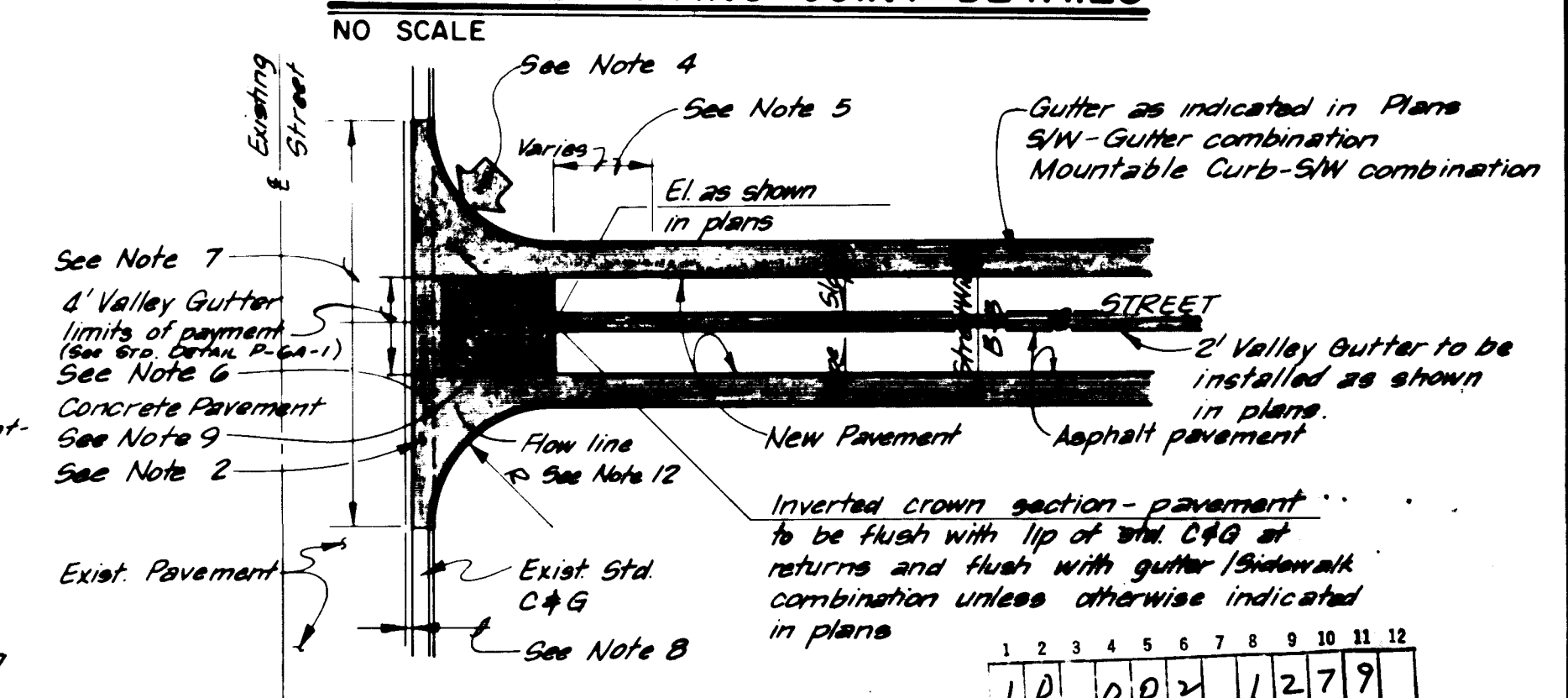


TYPE A
SAWED OR PREMOLDED STRIP
Longitudinal or Transverse



TYPE B
LONGITUDINAL CONSTRUCTION JOINT

CONCRETE PAVING JOINT DETAILS
NO SCALE



TYPICAL INTERSECTION

EXISTING STD. C. & G. GUTTER S/W COMBINATION
SCALE: 1" = 20'

ALBUQUERQUE CD-1B

STANDARD PAVING DETAILS

CITY OF ALBUQUERQUE

albuquerque	bernalillo	county	new mexico
DATE OCT 77	JOB NO 76039	SCALE AS SHOWN	DRAWN: O.R. SHEET 12
		CHK'D: R.L.	OF 14

Scanlon & associates, inc.
albuquerque Engineers-Planners santa fe

AS CONSTRUCTED
DATE 12/2/99 BY [Signature]

SCANNED BY LASON

BID ITEM
(BRIEF DESCRIPTION)

UNIT

LF LF LF LF LF LF LF LF LF LF LF LF LF LF LF EA EA EA EA VF VF EA EA LF EA EA EA

SUB TOTAL

LOCATION BID ITEM NO.

GABALDON ROAD
Sheet 4 & 6

GABALDON ROAD
Sheet 5 & 7

DAMACIO ROAD
Sheet 5

LENORA DRIVE
Sheet 8

DURANES ROAD
Sheet 9

LOS ANAYAS ROAD &
DURANES DITCH - Sheet 10

LOS LUCEROS ROAD &
DURANES DITCH - Sheet 10

CAMILO LANE &
DURANES DITCH - Sheet 10

DAMACIO ROAD &
DURANES DITCH - Sheet 10

LEOPOLDO ROAD &
DURANES DITCH - Sheet 10

DURANES ROAD &
DURANES DITCH - Sheet 10

700 1,200 2,350 60 540 40 408 822 1,009 2,410 943 992 879 23 6 14 11 10 27 13 2 145 31 4 31

ALBUQUERQUE CD-1B

SUMMARY OF QUANTITIES

CITY OF ALBUQUERQUE

albuquerque bernillo county new mexico

DATE NOV 77 JOB NO. 78038 SCALE NO SCALE DRAWN BY RL CHECKED BY

Scanlon & associates, inc. Engineers-Planners

AS CONSTRUCTED

DATE 11-79 BY A City

10 002 1479



SCANNED BY BY LASON