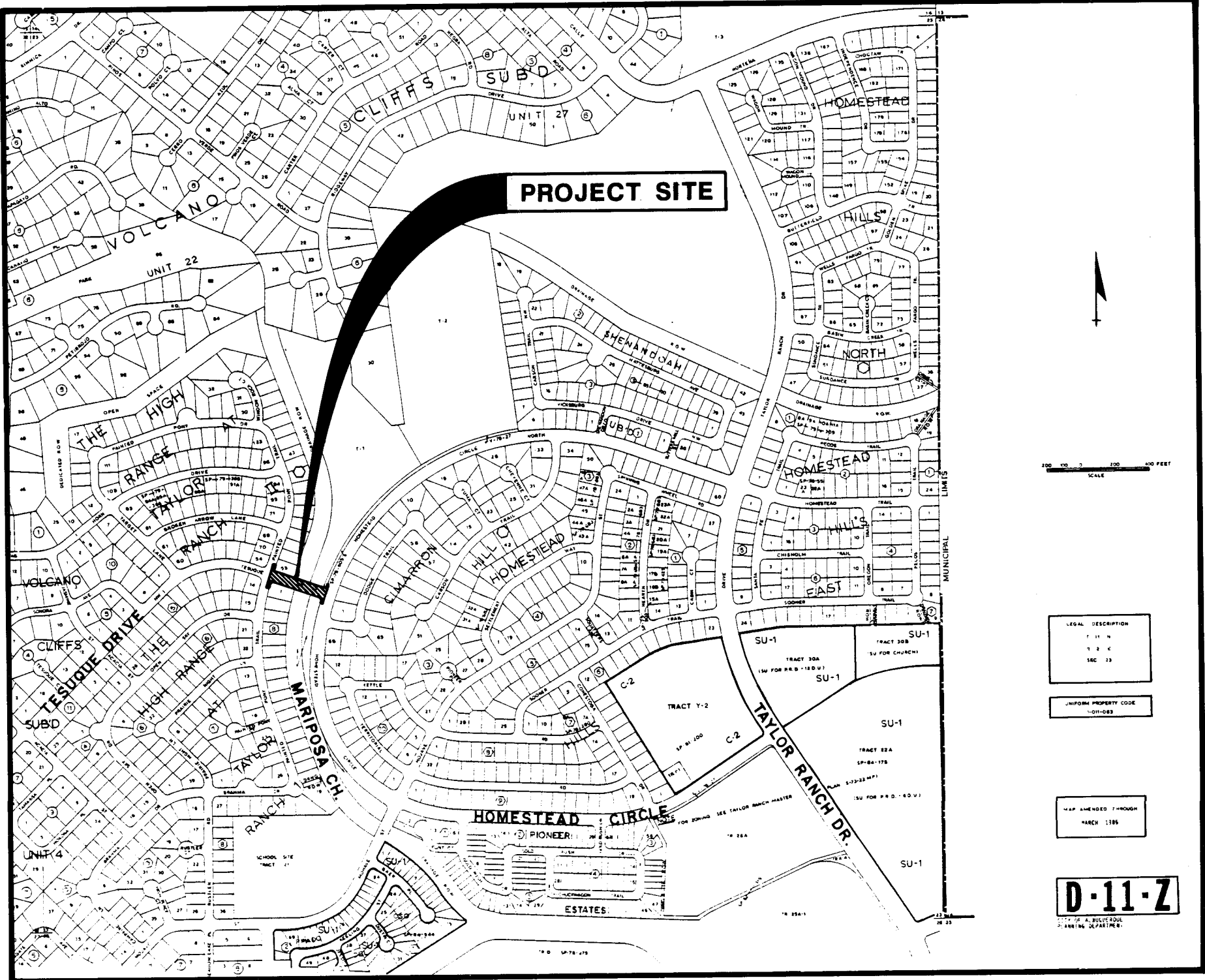


CITY OF ALBUQUERQUE
NEW MEXICO



DIP SECTION
CROSSING REPLACEMENT
TESUQUE DRIVE AT MARIPOSA ARROYO



LOCATION MAP
ZONE ATLAS MAP D-11-Z

GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS, EXCEPT BRIDGE WORK, TO BE PERFORMED UNDER CONTRACT, UNLESS STATED OTHERWISE OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION, 1986 (REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS"). SEE SHEET 8 OF 18, GENERAL NOTES, FOR BRIDGE SPECIFICATIONS.
- CONTRACTOR WILL BE ALLOWED TO CLOSE TESUQUE DRIVE AT PAINTED PONY TRAIL AND AT HOMESTEAD CIRCLE UPON DEVELOPING AN APPROVED TRAFFIC CONTROL PLAN THAT INCLUDES A DETOUR WITH APPROPRIATE SIGNING. THIS PLAN IS TO BE APPROVED BY THE CONSTRUCTION COORDINATOR.
- CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEMS DIVISION THREE (3) WORKING DAYS PRIOR TO INITIATING ANY WORK AFFECTING EXISTING PUBLIC WATER UTILITIES.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM, (505)269-1990, FOR LOCATION OF EXISTING UTILITIES. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. IT IS CONTRACTOR'S RESPONSIBILITY TO CONTACT THE LINE LOCATING SERVICE FOR EXACT LINE LOCATION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM DELAY.
- ALL GAS, ELECTRIC, TELEPHONE LINES, CABLE, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE RELOCATED BY THE RESPONSIBLE UTILITY COMPANY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.
- BACKFILL COMPACTION IN STREET AREAS SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ALL TRENCH BACKFILL OUTSIDE OF STREET AREAS SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE PROJECT ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS SHALL BE CONSTRUCTED WITHIN THE CURB RETURNS WHEREVER A NEW CURB RETURN IS CONSTRUCTED FOR ALL DRIVES INTERSECTING PUBLIC RIGHT-OF-WAY.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1)	COVER SHEET
2)	TYPICAL CHANNEL SECTIONS
3)	TYPICAL ROADWAY SECTIONS
4)	MARIPOSA CHANNEL PLAN & PROFILE
5)	TESUQUE DRIVE PLAN & PROFILE
6)	STORM DRAIN PLAN & PROFILE
7)	TESUQUE DRIVE UTILITY RELOCATIONS
8)	BRIDGE GENERAL NOTES & ESTIMATED QUANTITIES
9)	BRIDGE PLAN & PROFILE
10)	TYPICAL BRIDGE SECTIONS
11)	CONCRETE BRIDGE DECK DETAILS
12)	SUPERSTRUCTURE BEAM DETAILS
13)	ABUTMENT & WINGWALL DETAILS
14)	PIER DETAILS
15)	UPSTREAM CHANNEL HEADWALL DETAILS
16) - 18)	IMPACT STILLING BASIN DETAILS
18)	ROADWAY CROSS SECTIONS

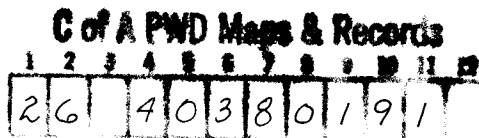
I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick
JAMES V. DOMENICK, P.E. No. 7643
6/10/91
DATE

GENERAL NOTES CONT.

- IF CURB IS DEPRESSED FOR A DRIVE PAD OR A HANDICAP RAMP, THE DRIVE PAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES.
- A DISPOSAL SITE FOR ALL EXCESS EXCAVATED MATERIAL, ASPHALTIC PAVING, CONCRETE CURBS AND SIDEWALKS, ETC., SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE PROJECT ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

SEE SHEET 2 FOR CONTINUATION OF GENERAL NOTES.

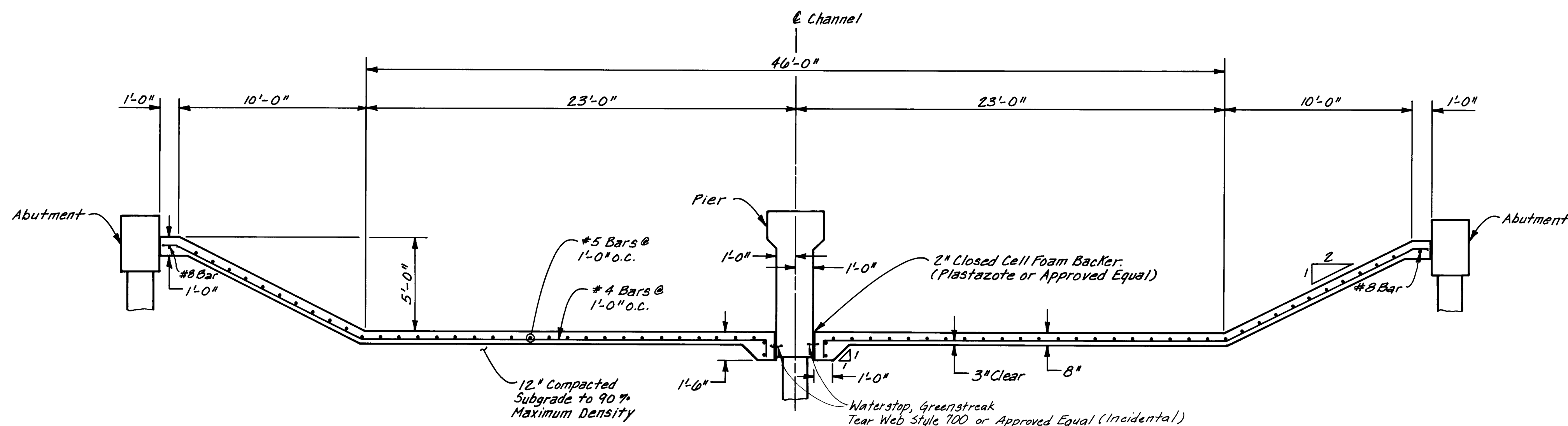


SCANNED BY
BY LASON

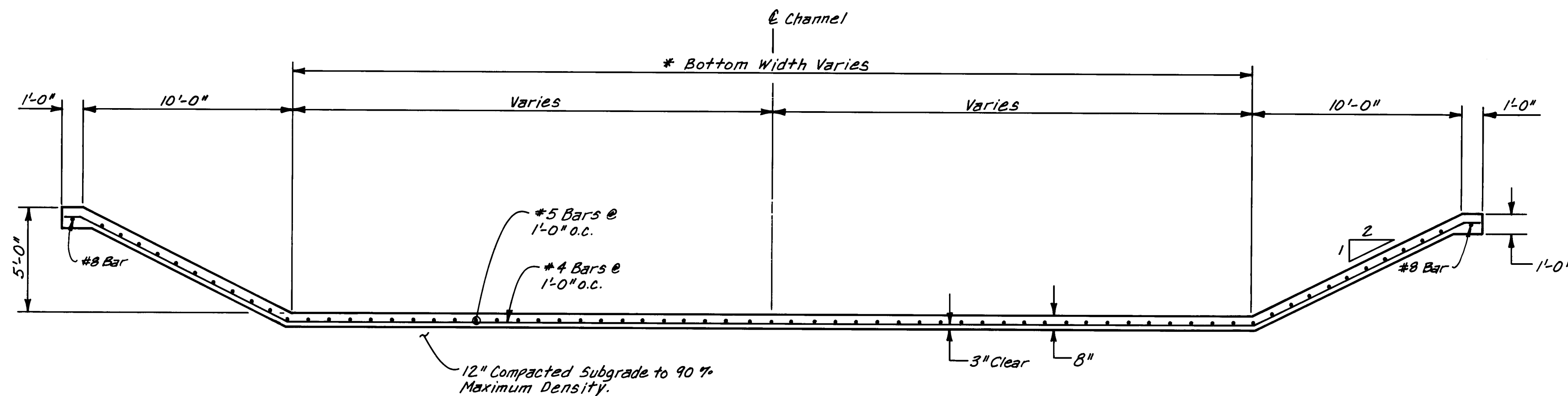
REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE

APPROVAL OF REVISIONS

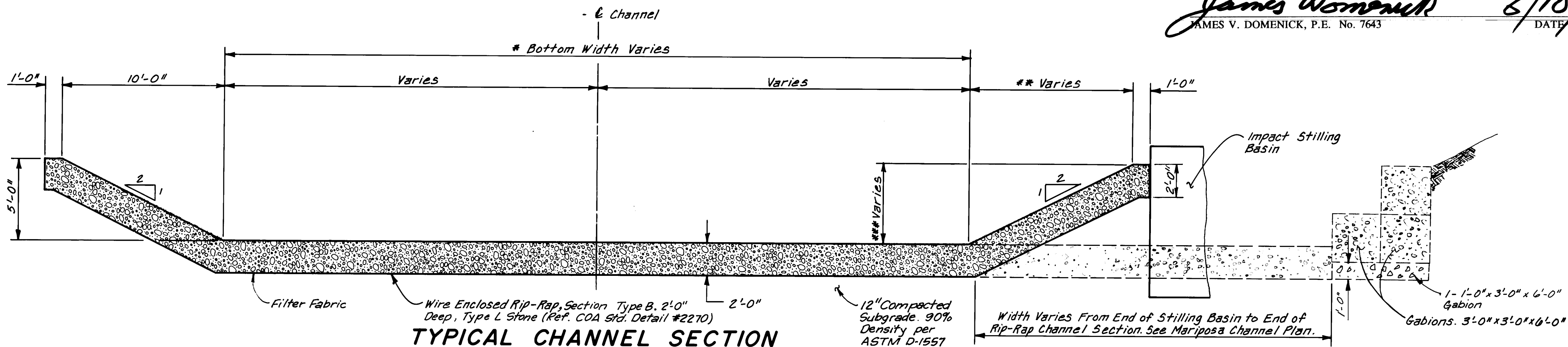
PLANS PREPARED UNDER DIRECTION OF: <i>James V. Domenick</i>	AVID ENGINEERING, INC. Civil • Structural • Transportation 6100 Seagull Street NE • Suite 102 Albuquerque, NM 87109 • (505) 881-5357	APPROVED FOR CONSTRUCTION <i>Russell B. Underhill</i> CITY ENGINEER
DATE: 10/23/90	PROJECT NO. 4038	SHEET 1 OF 18



TYPICAL CHANNEL SECTION
STA. 9+75.00 TO STA. 10+25.00



TYPICAL CHANNEL SECTION
STA. 10+25.00 TO 10+43.00
* 46'-0" Bottom Width From Sta. 10+25.00 to Sta. 10+28.00
* 40'-0" Bottom Width At Sta. 10+43.00



TYPICAL CHANNEL SECTION
STA. 10+43.00 TO STA. 11+18.00
* 40'-0" Bottom Width At Sta. 10+43.00
* 30'-0" Bottom Width At Sta. 11+18.00
** Width Varies From 10'-0" At Beginning of Stilling Basin to 0'-0" At End of Stilling Basin.
*** Height Varies From 5'-0" At Beginning of Stilling Basin to 0'-0" At End of Stilling Basin.

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick
JAMES V. DOMENICK, P.E. No. 7643

6/10/91
DATE

GENERAL NOTES (CONTINUED)

18. THE CONTRACTOR SHALL PROVIDE A TEMPORARY FENCE AROUND THE ENTIRE PROJECT LIMITS THROUGHOUT THE PERIOD OF CONSTRUCTION. THE PROJECT LIMITS SHALL EXTEND NO MORE THAN 50 FEET NORTH OF THE ROAD RIGHT-OF-WAY, INTO THE FUTURE PETROGLYPH PARK. EQUIPMENT SHALL BE STORED IN THE DRAINAGE RIGHT-OF-WAY SOUTHEAST OF THE NEW BRIDGE, DURING NON-WORKING HOURS.
19. THE CONTRACTOR SHALL MINIMIZE DISTURBANCE WITHIN THE AREA OF THE FUTURE PETROGLYPH PARK. FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL RETURN THE PARK LAND TO ITS EXISTING GRADE, EXCEPT WHERE NEW FINISHED CONTOURS ARE SHOWN IN THE PLANS. THE EXISTING BOULDERS NEAR THE DIP-SECTION SHALL BE REMOVED. THE CONTRACTOR SHALL ALSO PROVIDE SEEDING OF DISTURBED GROUND WITH NATIVE GRASSES AS DIRECTED BY THE CITY'S PROJECT MANAGER, FOLLOWING COMPLETION OF CONSTRUCTION. SEEDING SHALL BE IN ACCORDANCE WITH THE SUPPLEMENTARY TECHNICAL SPECIFICATIONS.
20. CONSTRUCTION OF THE 60" STORM DRAIN MAY REQUIRE THAT THE CONTRACTOR PROVIDE SHORING OF EITHER THE TRENCH OR THE EXISTING BLOCK WALL AT THE SOUTHWEST CORNER OF THE NEW BRIDGE TO COMPLETE THE CONSTRUCTION. SHORING REQUIREMENTS SHALL BE DETERMINED BY THE CITY'S PROJECT MANAGER. IF SHORING IS REQUIRED, ITS COST SHALL BE INCIDENTAL TO THE CONTRACTOR'S PAYMENT FOR TRENCH AND BACKFILL FOR THE STORM DRAIN.
21. THE PAINT COLOR FOR BRIDGE RAIL SHALL BE "INDIA TAN" AS MANUFACTURED BY WELBORN PAINT COMPANY (COLOR NUMBER Q5-38T), OR APPROVED EQUAL.
22. THE CONTRACTOR SHALL COORDINATE WITH THE CITY CONSTRUCTION COORDINATOR AND THE CONTRACTOR ON CITY PROJECT NUMBER 3358 (SPECIAL ASSESSMENT DISTRICT #219) TO MAINTAIN ACCESS TO RESIDENCES ON PAINTED PONY DRIVE AT ALL TIMES.
23. NATIVE SEEDING SHALL BE DRYLAND BLEND #G1020 AS AVAILABLE FROM PLANTS OF THE SOUTHWEST, APPLIED AT A RATE OF 30 POUNDS/ACRE. HAY MULCH SHALL BE USED. THE ENTIRE AREA WITHIN CONSTRUCTION FENCING NEEDS TO BE RESEED.

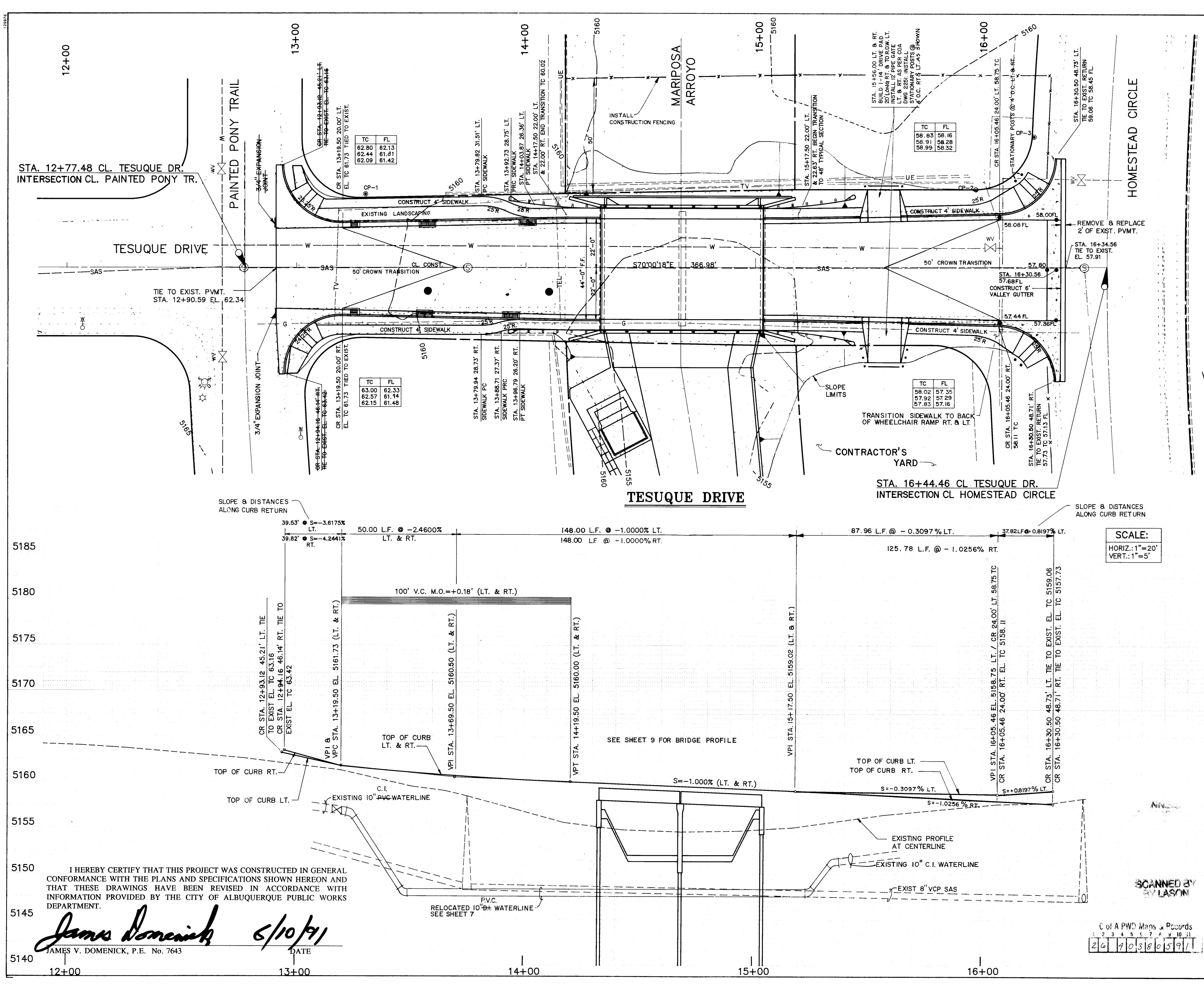
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BY LASON

C of A PWD Maps & Records
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26 40 38 02 91

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO TYPICAL CHANNEL SECTIONS				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
D.R.C. Chair	<i>R. W. Kane</i>	11/1/90	Water	<i>R. W. Kane</i>
Trans. Dev.	<i>R. W. Kane</i>	10-19-90	Waste Water	<i>R. W. Kane</i>
			Parks & Rec.	<i>D. Scann</i>
Hydrology	<i>D. Scann</i>	11-01-90		
DRAWING NO.	4038	MAP NO.	D-11	SHEET 2 OF 18

RECORD DRAWING



LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- RIGHT-OF-WAY LINE
- EXISTING UTILITY EASEMENT LINE
- EXISTING CURB & GUTTER
- EXISTING RETAINING WALL
- EXISTING SAS MANHOLE
- EXISTING GATE VALVE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING LIGHT POLE
- PROPOSED SPOT ELEVATION
- STANDARD WHEELCHAIR RAMP TO BE CONSTRUCTED
- PROPOSED STORM DRAIN MH
- DROP INLET TO BE CONSTRUCTED
- VALLEY GUTTER

SURVEY CONTROL POINTS

CP1 - CAP LS NO. 7002
N. 10,099.89
E. 9,811.83

CP2 - CAP LS NO. 5817
N. 10,010.30
E. 10,062.55

CP3 - CAP LS NO. 5817
N. 10,024.22
E. 10,094.27

STA. 14+67.50 TESUQUE DR.
(CENTER OF BRIDGE)
N. 10,022.20
E. 9,930.53

STA. 12+77.48 TESUQUE DR.
(INTERSECTION W/ PAINTED PONY TR.)
N. 10,087.18
E. 9,751.96

NOTES

- REMOVE EXISTING C&G AND SIDEWALK STA. 12+93.74 45.22' LT. TO STA. 16+29.98 48.21' LT. & STA. 12+94.69 46.11' RT. TO STA. 16+29.85 48.11' RT.
- REMOVE EXISTING CONCRETE DIP SECTION
- TRANSITION FLOWLINE OF CURB & GUTTER FLOWLINE. TRANSITION LENGTH TO BE 30 LINEAR FEET ON EITHER SIDE OF THE BRIDGE. TRANSITION ELEVATIONS ARE AS FOLLOWS:

STATION	TC	FL	EL
14+02.00	60.20	59.53	60.05
14+08.00	60.15	59.48	59.98
14+14.00	60.10	59.43	59.92
14+20.00	60.06	59.39	59.86
14+26.00	60.01	59.34	59.79
14+32.00	59.96	59.29	59.73
15+03.00 RT.	59.24	58.57	59.01
LT.	59.24	58.57	59.01
15+09.00 RT.	59.17	58.50	58.95
LT.	59.17	58.51	58.95
15+15.00 RT.	59.09	58.42	58.90
LT.	59.09	58.45	58.90
15+21.00 RT.	58.98	58.31	58.83
LT.	58.91	58.34	58.83
15+27.00 RT.	58.92	58.25	58.80
LT.	58.99	58.32	58.80
15+33.00 RT.	58.86	58.19	58.76
LT.	58.97	58.30	58.76

REVISIONS

NO.	DATE	REMARKS
1	7/90	DESIGN
2	7/90	DESIGN
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CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO
TESUQUE DRIVE PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	R. Kane	11-1-90	Water	R.W. Kane	10-19-90
Trans. Dev	R. Kane	10-19-90	Waste Water	R.W. Kane	10-19-90
Hydrology	R. Kane	10-19-90	Parks & Rec.	R.W. Kane	10-19-90

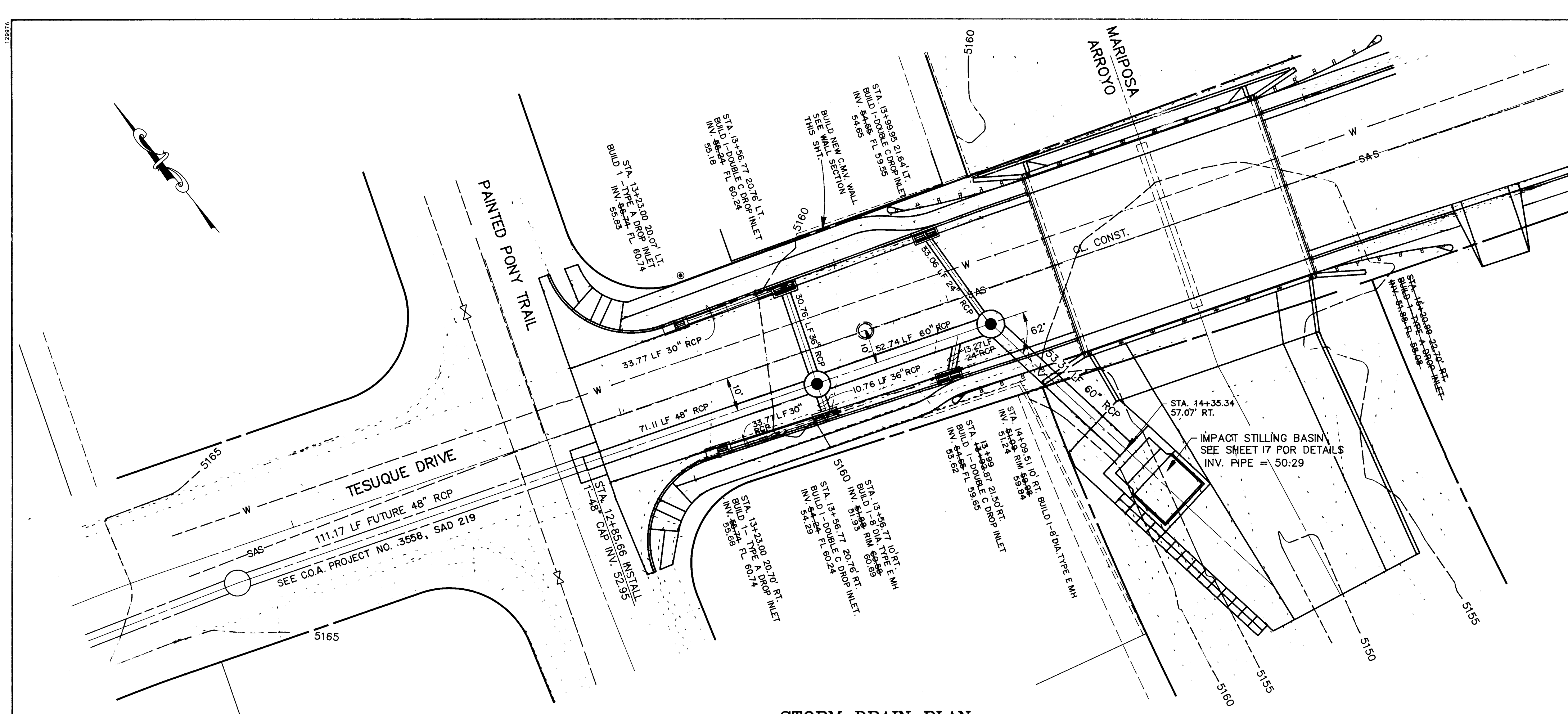
DRAWING NO. 4038 MAP NO. SHEET 5 OF 18

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

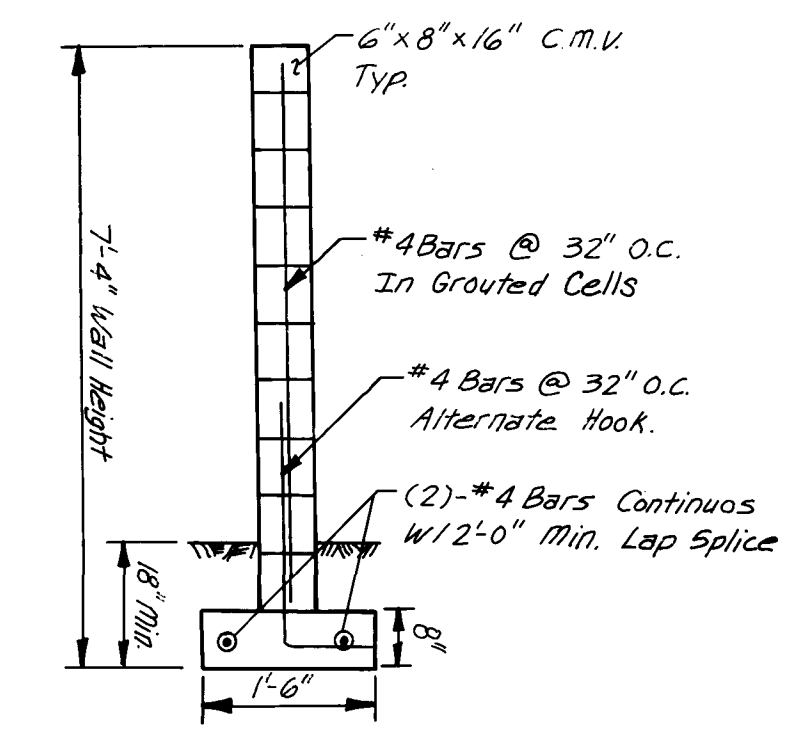
James V. Domenick 6/10/91
JAMES V. DOMENICK, P.E. No. 7643 DATE

C of A PWD Maps & Records

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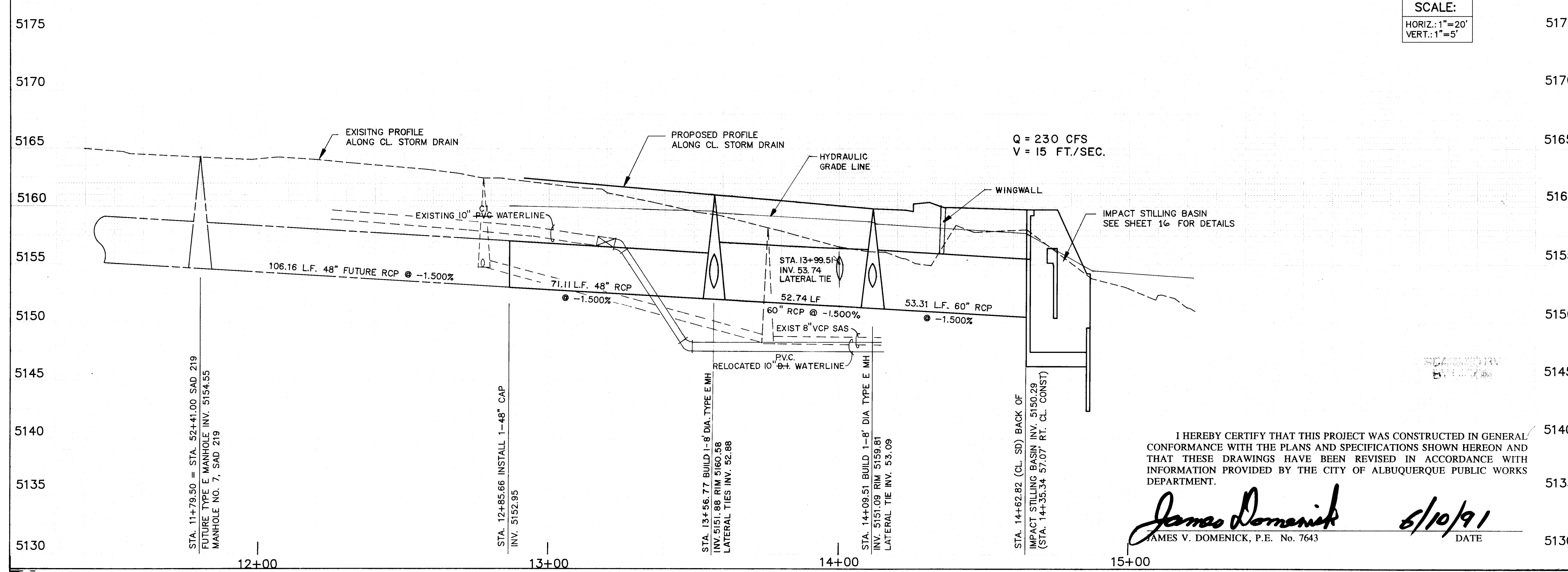


STORM DRAIN PLAN



- LEGEND**
- PROPOSED DROP INLET
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED STORM DRAIN
- NOTES**
- BEDDING TO BE TYPE B. THE TRENCH SIDES SHALL BE SLOPED TO PROVIDE NOT LESS THAN O.D. OF PIPE PLUS 16" AT INVERT OF PIPE.
 - STATIONS AND OFFSETS SHOWN FOR DROP INLETS ARE CENTER OF DROP INLET AT FACE OF CURB CL. CONST.
 - USE 3/4" PLYWOOD CAP ON 48" RCP AT STA. 12+85.66. CAP IS INCIDENTAL TO THE PIPE FOR PAYMENT.
 - ALL RCP IS TO BE CLASS III
 - CONNECTION OF 24" RCP LATERAL TO 60" RCP TO BE INCIDENTAL TO COST OF PIPE.

SCALE:
HORIZ.: 1"=20'
VERT.: 1"=5'



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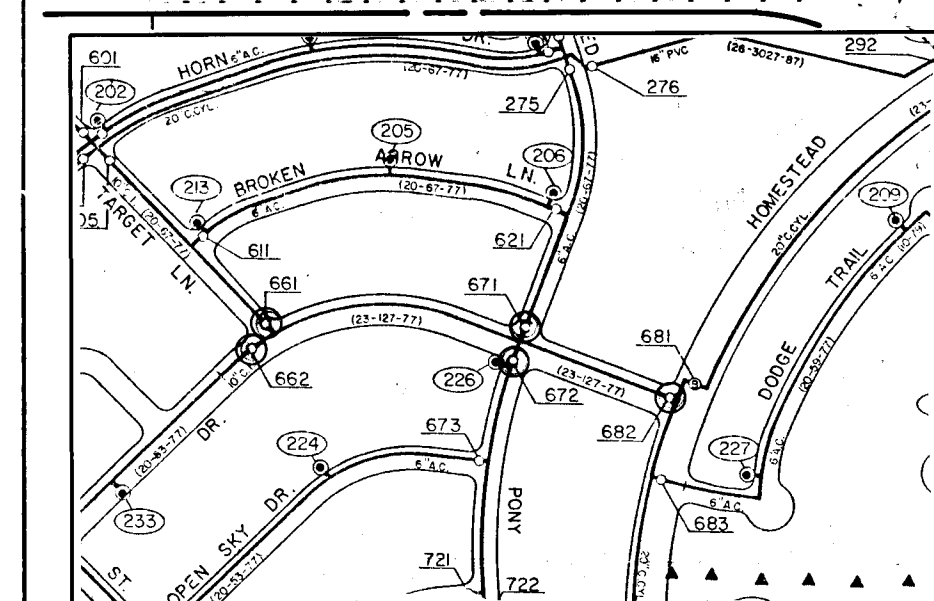
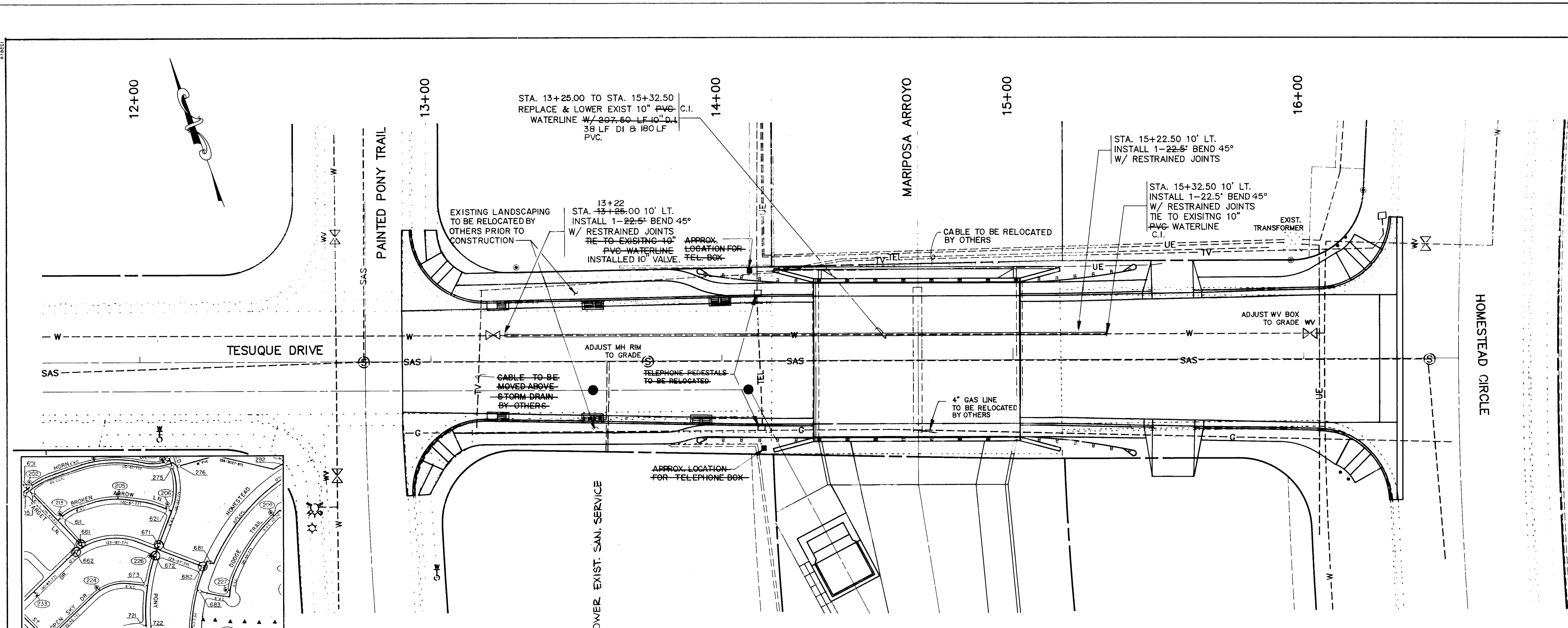
James V. Domenick 6/10/91
JAMES V. DOMENICK, P.E. No. 7643 DATE

C of A PWD Maps & Records

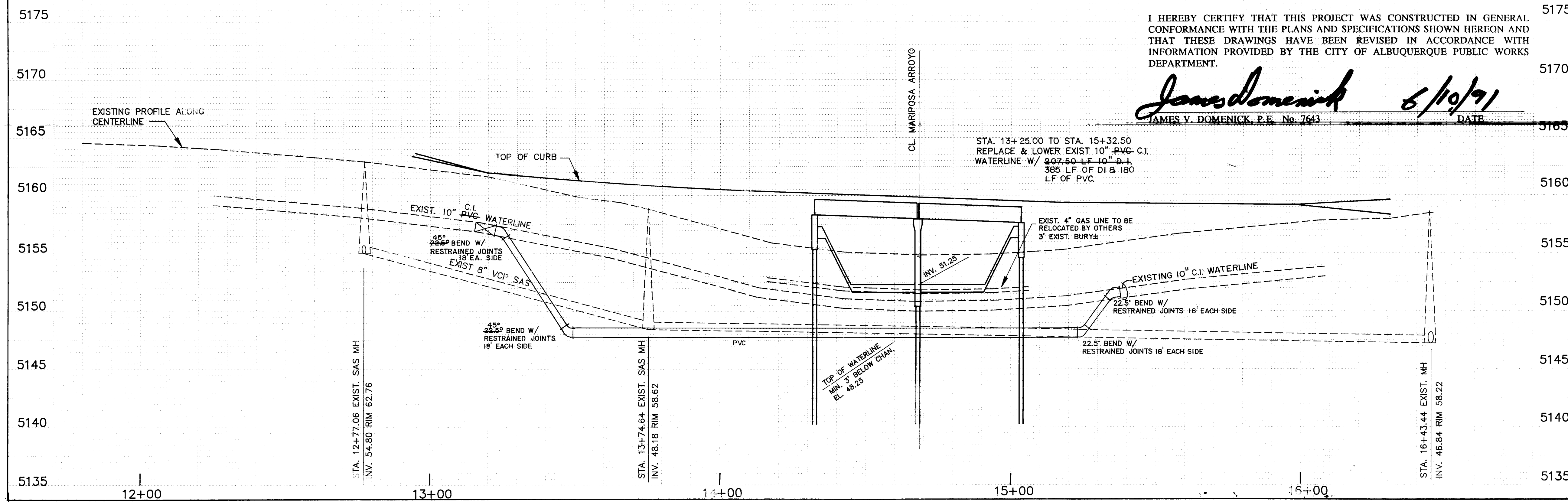
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AVID ENGINEERING, INC.
Civil • Structural • Transportation
6100 Seagull St. NE - Suite 102
Albuquerque, NM 87109 - (505) 881-5357

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO STORM DRAIN PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	DATE	DATE
DRC Chair	<i>R. W. Kane</i>	11-1-90	Water	<i>R. W. Kane</i>	10-12-90
Trans. Dev	<i>R. W. Kane</i>	10-19-90	Waste Water	<i>R. W. Kane</i>	10-12-90
Hydrology	<i>D. Stina</i>	10-01-90	Parks & Rec.	<i>D. Stina</i>	10-19-90
DESIGNED BY: RB DATE: 7/90 DRAWN BY: RB DATE: 7/90 CHECKED BY: JMD DATE: 9/90					
DRAWING NO. 4038	MAP NO. D-11	SHEET 6 OF 18			



- 1.) THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISIONS @ 857-8200, A MIN. OF 3 WORKING DAYS PRIOR TO COMMENCEMENT OF ANY WORK AFFECTING ANY EXISTING WATERLINES.
- 2.) WHEN RELOCATING THE EXISTING 10" WATERLINE IN TESUQUE DR. A CITY WATER REPRESENTATIVE SHALL CLOSE VALVES NOS. 661, 662, 671, 672 & 682. THERE WILL BE SERVICES AFFECTED BY THIS SHUT-OFF.



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James V. Domenick 6/10/91
JAMES V. DOMENICK, P.E. No. 7643 DATE

- LEGEND**
- SAS --- EXISTING SANITARY SEWER
 - W --- EXISTING WATER LINE
 - G --- EXISTING GAS LINE
 - T --- EXISTING TELEPHONE LINE
 - UE --- EXISTING UNDERGROUND ELECTRICAL LINE
 - TV --- EXISTING CABLE TV LINE
 - S --- EXISTING SAS MANHOLE
 - V --- EXISTING GATE VALVE
 - F --- EXISTING FIRE HYDRANT
 - M --- EXISTING WATER METER

- NOTES**
- 1) THE LOCATION OF UNDERGROUND UTILITY LINES IS APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT NEW MEXICO ONE CALL SYSTEM (505) 260-1990 TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION.
 - 2) THE RELOCATION OF EXISTING UTILITIES BESIDES WATER AND SANITARY SEWER IS THE RESPONSIBILITY OF THE RESPECTIVE UTILITY COMPANIES.
 - 3) THE CONTRACTOR WILL COORDINATE WITH USWEST FOR THE TIMING OF THE CABLE AND BOX RELOCATION. CONTACT PERSON: BECKY OLESON (505) 245-8894.
 - 4) CABLE TV LINE IN EXISTING CHANNEL TO BE RELOCATED BY JONES INTERCABLE. CONTRACTOR SHALL COORDINATE THE RELOCATION.
 - 5) THE PUBLIC SERVICE COMPANY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE VICINITY OF THE TWO POWER LINES TO NORTH OF THE EXISTING DIP SECTION. CONTACT PERSON: JIM VANN (505) 948-3426. BASED ON AVAILABLE INFORMATION, THE UNDERGROUND ELECTRIC LINES NORTH OF THE BRIDGE ARE AT LEAST 10' DEEP, AND THEREFORE SHOULD NOT CONFLICT WITH THE CHANNEL. THE LINE LOCATED APPROX. 18" WITHIN NORTH EDGE OF EXIST. CONC. IS AT LEAST 9' DEEP BUT MAY CONFLICT WITH THE HEADWALL.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	INSPECTOR	DATE	NO.	BY	DATE	BY
MOORE & CONNOR	7/90	INSPECTOR	7/90	1	BY HUGO SURVEYING	7/90	BY

SCANNED BY LASON

C of A PWD Maps & Records

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO TESUQUE DRIVE UTILITY RELOCATIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chair	<i>R. W. Kane</i>	11-1-90	Water	<i>R. W. Kane</i>	10-19-90
Trans. Dev	<i>R. W. Kane</i>	10-19-90	Waste Water	<i>R. W. Kane</i>	10-19-90
Hydrology	<i>R. W. Kane</i>	10-01-90	Parks & Rec.	<i>R. W. Kane</i>	10-19-90

	SHEET NO.
BRIDGE GENERAL NOTES & ESTIMATED QUANTITIES	8
BRIDGE PLAN & PROFILE	9
TYPICAL BRIDGE SECTIONS	10
CONCRETE BRIDGE DECK DETAILS	11
SUPERSTRUCTURE BEAM DETAILS	12
ABUTMENT & WINGWALL DETAILS	13
PIER DETAILS	14

METAL BARRIER MATERIALS AND PLACEMENT PROCEDURES
CITY OF ALBUQUERQUE DWG. 2610

METAL BARRIER (BREAKAWAY) TYPE "C" END ANCHORAGE
(WOOD POSTS) CITY OF ALBUQUERQUE DWG.2635

1. WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1989 EDITION.
2. CONCRETE FOR STRUCTURAL CAST-IN-PLACE CONCRETE USE CLASS A. CHAMFER ALL EXPOSED EDGES OF CONCRETE STRUCTURES 3/4 INCH UNLESS NOTED OTHERWISE ON THE DETAILS.
3. REINFORCING BARS, ALL REINFORCING BARS SHALL CONFORM TO AASHTO M-31, GRADE 60, UNLESS NOTED OTHERWISE ON THE DETAILS. DIMENSIONS REFER TO CENTERLINE OF BAR UNLESS NOTED OTHERWISE ON THE DETAILS.
4. STRUCTURAL STEEL TO BE CARBON STEEL CONFORMING TO AASHTO SPECIFICATIONS M-183 UNLESS NOTED OTHERWISE ON THE DETAILS. SHOP PLANS MUST BE APPROVED BY THE ENGINEER BEFORE FABRICATION IS STARTED.
5. FOUNDATION DATA SHOWN ON THE PLANS ARE FOR DESIGNERS ONLY. THE ENGINEER IS NOT RESPONSIBLE FOR ANY INTERPRETATIONS OR ASSUMPTIONS MADE BY THE CONTRACTOR BASED ON THIS INFORMATION.
6. CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS, ELEVATIONS AND DETAILS PERTAINING TO ANY EXISTING STRUCTURES WHICH WILL BE INVOLVED IN THE NEW CONSTRUCTION. CONSTRUCTION PROCEEDING WITH THE NEW WORK.
7. ALL PREFORMED BITUMINOUS JOINT FILLER SHALL CONFORM TO AASHTO SPECIFICATION M-213. COST OF JOINT FILLER IS INCIDENTAL TO THE COMPLETION OF THE WORK AND NO DIRECT PAYMENT WILL BE MADE THEREFORE.
8. METAL BRIDGE RAILING POSTS AND TUBES SHALL RECEIVE ONE PRIME COAT OF RED LEAD IN CONFORMANCE WITH SECTION 615 OF THE STANDARD SPECIFICATIONS AND TWO COATS OF PAINT CONFORMING TO AASHTO M-70, TYPE 1, CLASS B. PAINT COLOR SAMPLES SHALL BE SUBMITTED TO THE CITY FOR APPROVAL.
9. BEAMS SHALL CONFORM TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS SECTION 512, PRECAST PRESTRESSED CONCRETE MEMBERS.
10. DECK SLAB SURFACE TEXTURE SHALL CONSIST OF A BROOMED FINISH APPLIED TO THE PLASTERED CONCRETE FLOWING OF THE HARDENED CONCRETE. GROOVING SHALL BE DONE IN ACCORDANCE WITH THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS AS MODIFIED BY APPROPRIATE SUPPLEMENTAL SPECIFICATIONS OR SPECIAL PROVISIONS, EXCEPT THAT THE LINED OIL AND MINERAL SPIRITS MIXTURE SHALL NOT BE APPLIED TO THE GROOVED SURFACE. GROOVING OF HARDENED CONCRETE SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFORE.

DESIGN IS IN ACCORDANCE WITH AASHTO SPECIFICATIONS 1989 EDITION AND
CURRENT INTERIMS.

DESIGN STRESSES: STRUCTURAL STEEL--AASHTO M-183, FS=20,000. PSI FY=36,000 PSI

REINFORCED CONCRETE:
SUPERSTRUCTURE: F'C=4,000. PSI AT 28 DAYS
FC=1,200. PSI FS=24,000. PSI
SUBSTRUCTURE: F'C=4,000. PSI AT 28 DAYS
FC=1,200. PSI FS=24,000. PSI GRADE 60
N=9 FS=20,000. PSI GRADE 40

LIVE LOAD: HS-20-44

WEARING SURFACE: 30 PSF ALLOWANCE FOR FUTURE WEARING SURFACE.

HORIZONTAL EARTH PRESSURE: 30 LBS./CU. FT. EQUIVALENT FLUID PRESSURE
AND 2 FT. SURCHARGE.

WIND VELOCITY: 80 MPH

MAXIMUM COMPUTED PILE LOAD.

ABUT. NO. 1 27.1 TONS
PIER NO. 1 37.1 TONS
ABUT. NO. 2 27.1 TONS

PRESTRESSED CONCRETE:
BEAMS: FCI (M) COMP. STRENGTH OF CONCRETE AT TIME OF INITIAL PRESTRESS)
=4,750 P.S.I.
F'C=5,500 P.S.I.
N=7, 1/2" DIA. HIGH TENSILE STRENGTH 7 WIRE STRANDS
INITIAL PRESTRESS=28,910 LBS/STRAND
F'S=41,300 LBS/STRAND, FY=35,100 LBS/STRAND
FSE=23,170 LBS/STRAND, PRESTRESS LOSS=5,750 LBS/STRAND

SPECIFICATION FOR AUGER-PRESSURE GROUTED PILING INSTALLATION

[illegible]

1. ELASTOMERIC BEARING PAD
2. NON-SHRINK GROUT FOR VOIDED SLAB
3. PREFORMED BITUMINOUS JOINT FILLER
4. EMBEDDED AND ATTACHED STRUCTURAL STEEL
(INCLUDING LATERAL TIE BOLTS)
5. SIDEWALK CULVERTS

NOTE:

- 1.) ITEMS LISTED ABOVE SHALL BE INCIDENTAL TO THE COST OF OTHER ITEMS FOR THE COMPLETION OF THE WORK AND NO DIRECT PAYMENT WILL BE MADE THEREFORE. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK OR MATERIAL REQUIRED BY STANDARD DRAWINGS, SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS.
- 2.) STEEL PLATE COVERS ON SIDEWALK CULVERTS TO BE PAINTED THE SAME COLOR AS THE BRIDGE RAILING. "INDIA TAN" WELLBORN Q5-38T OR APPROVED EQUAL.

SCANNED BY
BY LASON

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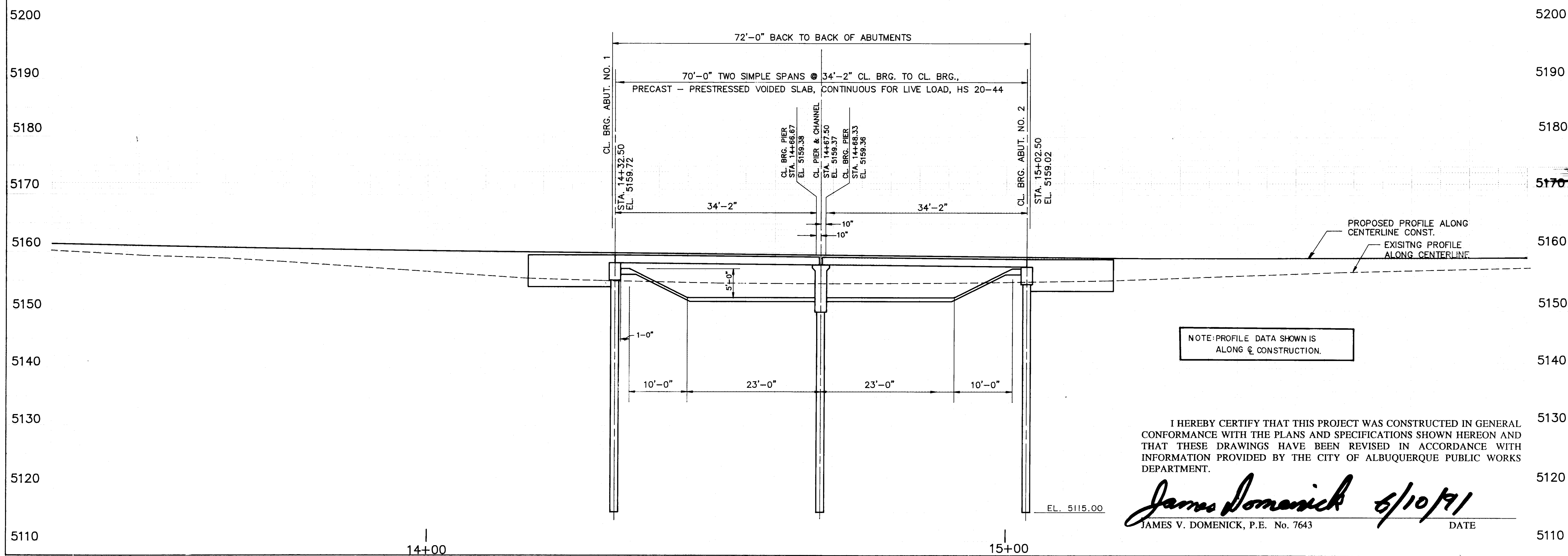
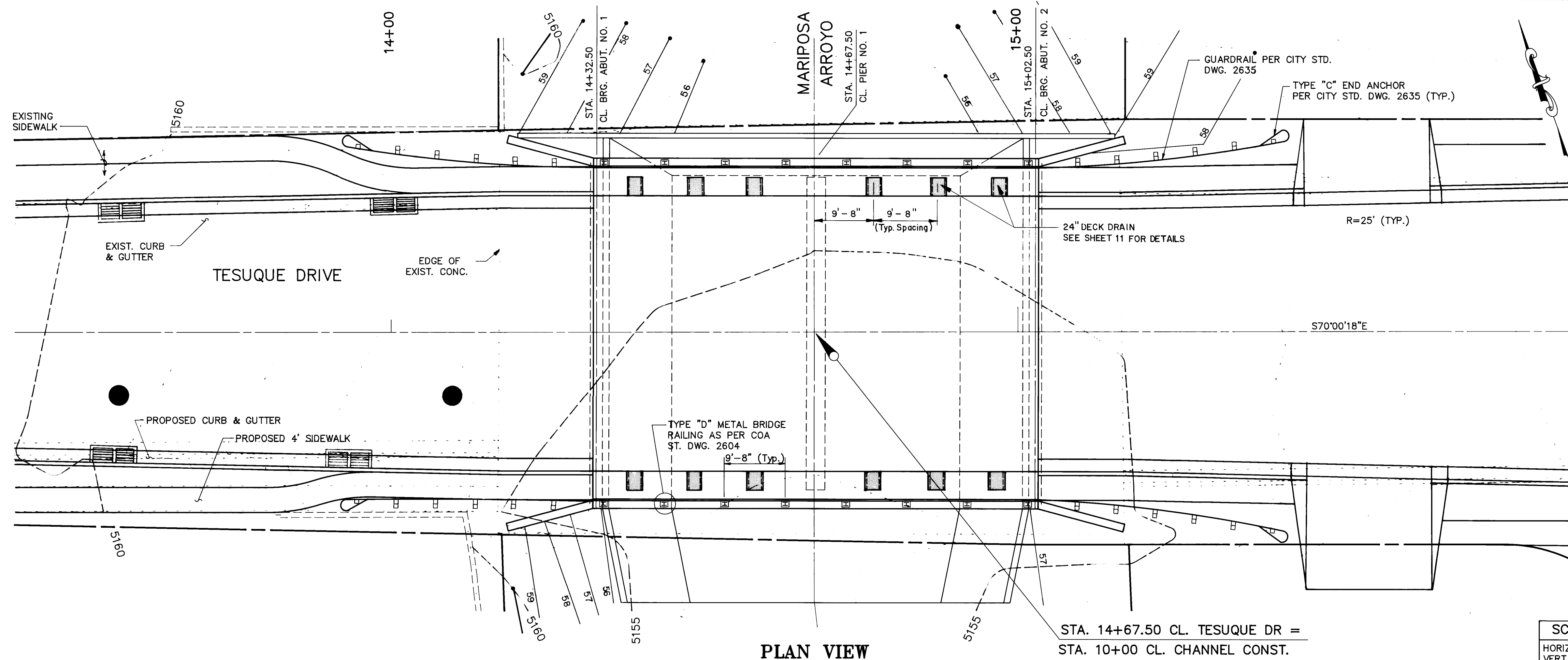
AVID ENGINEERING, INC.
Civil • Structural • Transportation
6100 Seagull St. NE - Suite 102
Albuquerque, NM 87109 - (505) 881-5357

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James Domenick 8/10/91
JAMES V. DOMENICK, P.E. No. 7643 DATE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO BRIDGE GENERAL NOTES & ESTIMATED QUANTITIES					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Roger Arana</i>	11-1-90	Water	<i>R.W. Kane</i>	10-19-90
Transportation	<i>Ed Dwyer</i>	10-19-90	Waste Water	<i>R.W. Kane</i>	10-19-90
Hydrology	<i>J. Wiley</i>	10-01-90	Parks & Rec.	<i>J. Wiley</i>	10-19-90
DRAWING NO. 4038		MAP NO. D-11		SHEET 8 NO. 18	

RECORD DRAWING



I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick 6/10/91
JAMES V. DOMENICK, P.E. No. 7643 DA

SCALE:
HORIZ.: 1"=10'
VERT.: 1"=10'

SCANNED BY LASON

C of A FWD Maps & Records											
1	2	3	4	5	6	7	8	9	10	11	12
2	6		4	0	3	8	0	9	9	1	

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

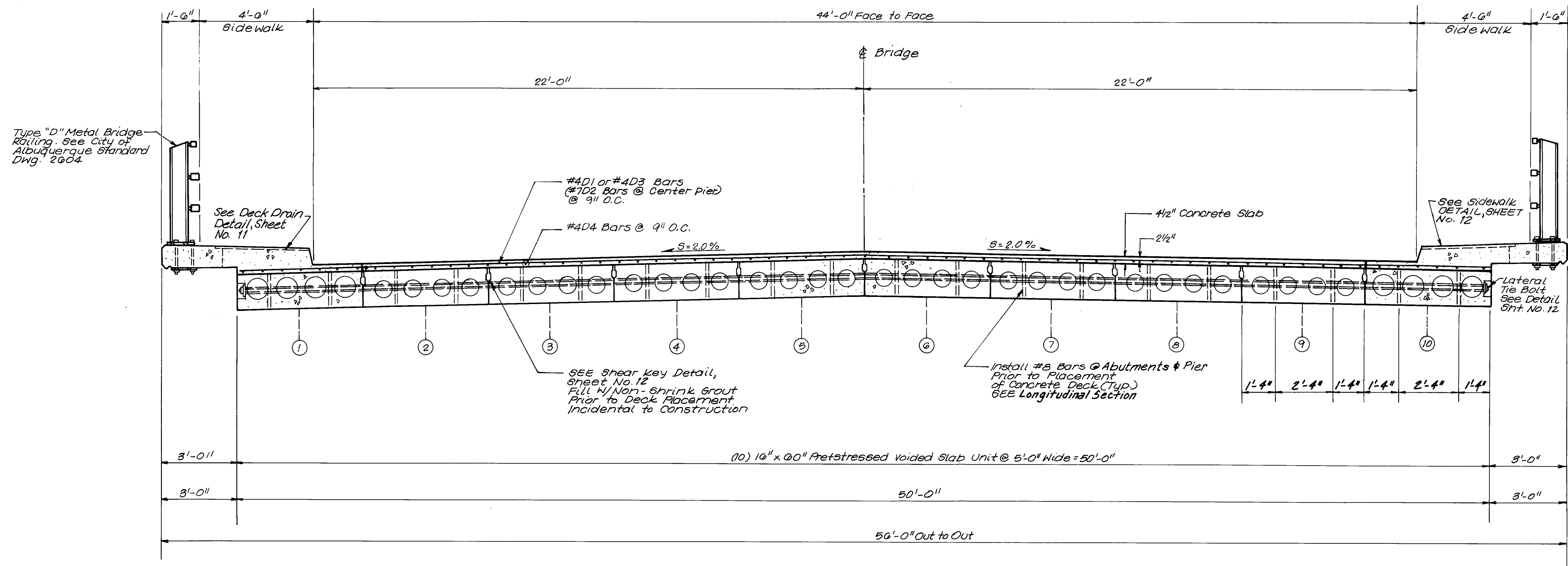
TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO
BRIDGE PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chair	<i>Rogel Green</i>	11-1-90	Water	<i>R.W. Kane</i>	10-19-90
Trans. Dev.	<i>R. D. Smith</i>	10-19-90	Waste Water	<i>R.W. Kane</i>	10-19-90
Hydrology	<i>S. Allen</i>	10-01-90	Parks & Rec.	<i>J. S. Allen</i>	10-19-90

DRAWING NO.	4038	MAP NO.	D-11	SHEET	9	OF	18
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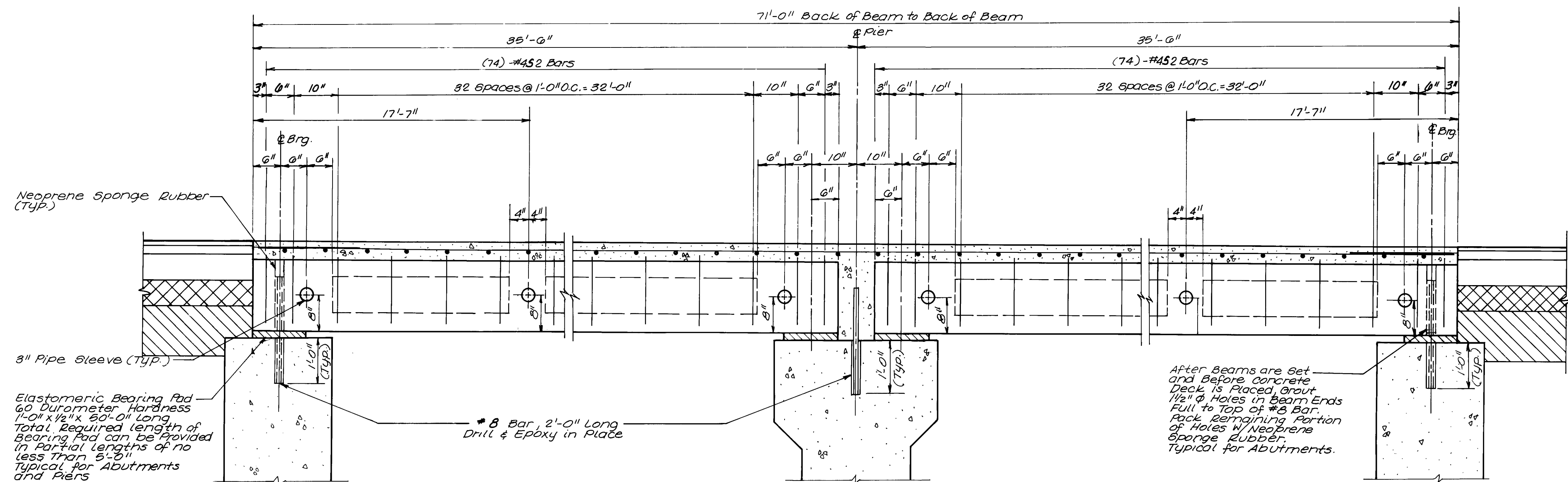
RECORD DRAWING

		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES				Moore & Conant Contr.	
				NO	BY	DATE	C.O.A.		
REMARKS		BY		1	EXIST. CONDITIONS SURVEY BY HUGG SURVEYING INC.	7/90	C.O.A.		
NO. DATE				ACS BRASS CAP "4-D-11". LOCATED APPX. 700' SOUTH WEST OF RADIUS POINT OF CUL-DE-SAC AT END OF RIDGEWAY DR. STA. IS A 3/4" ALUM. CAP SET FLUSH IN LAVA OUTCROP STAMPED "4-D-11, 1986". TRIG. EL. 5261.00					
DESIGN				MICRO-FILM INFORMATION					
REVISED BY CP				DATE					
DRAWN BY RB				DATE					
CHECKED BY DW				DATE					



TRANVERSE SECTION

No Scale



LONGITUDINAL SECTION

No Scale

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick 6/10/91
JAMES V. DOMENICK, P.E. No. 7643 DATE

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BY IASON

1 of 4 Maps & Records
26 40 38 10 9 11

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Albuquerque, NM 87109 • (505) 881-5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

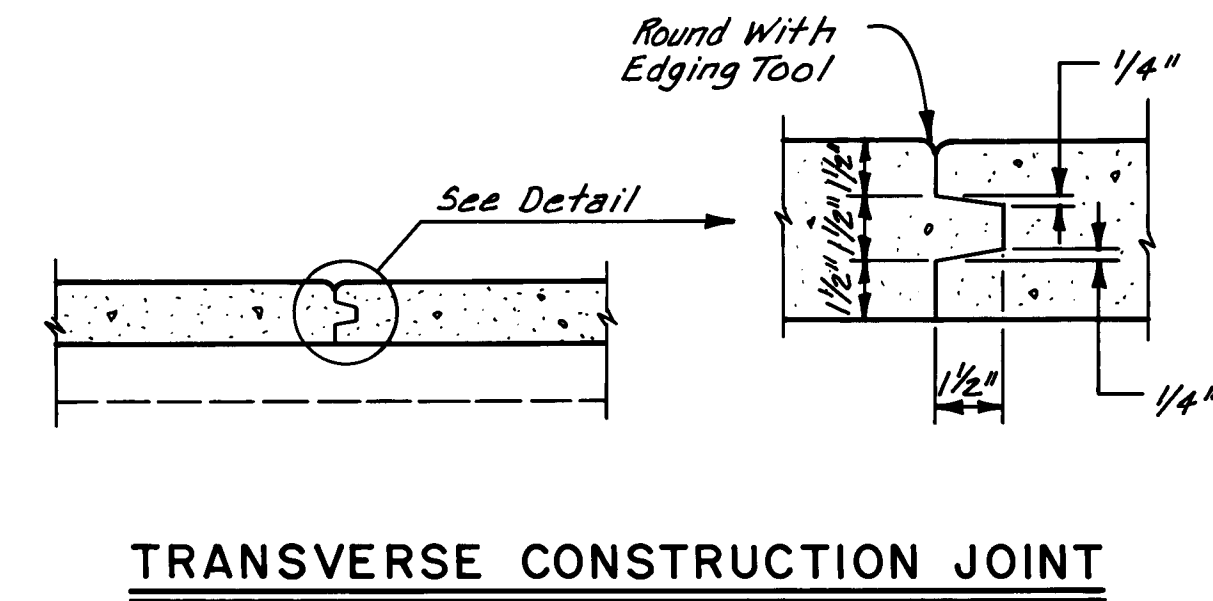
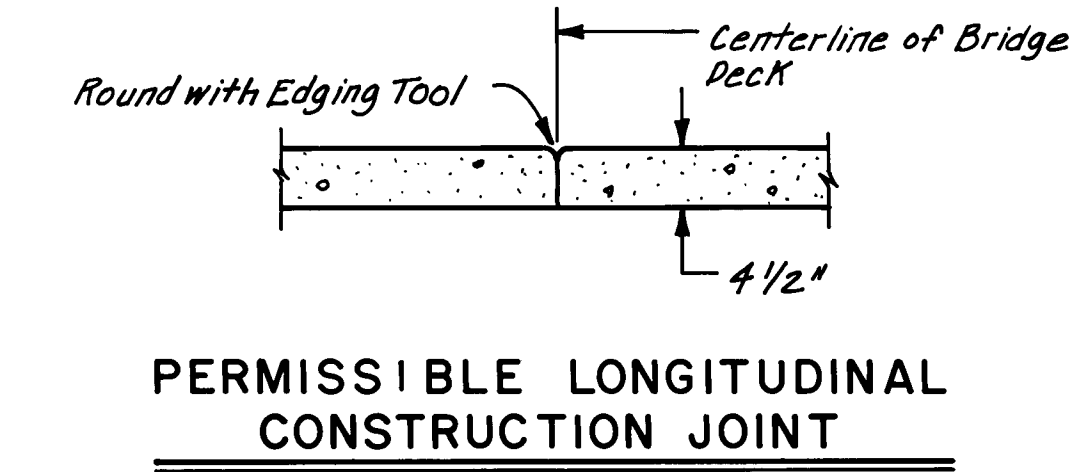
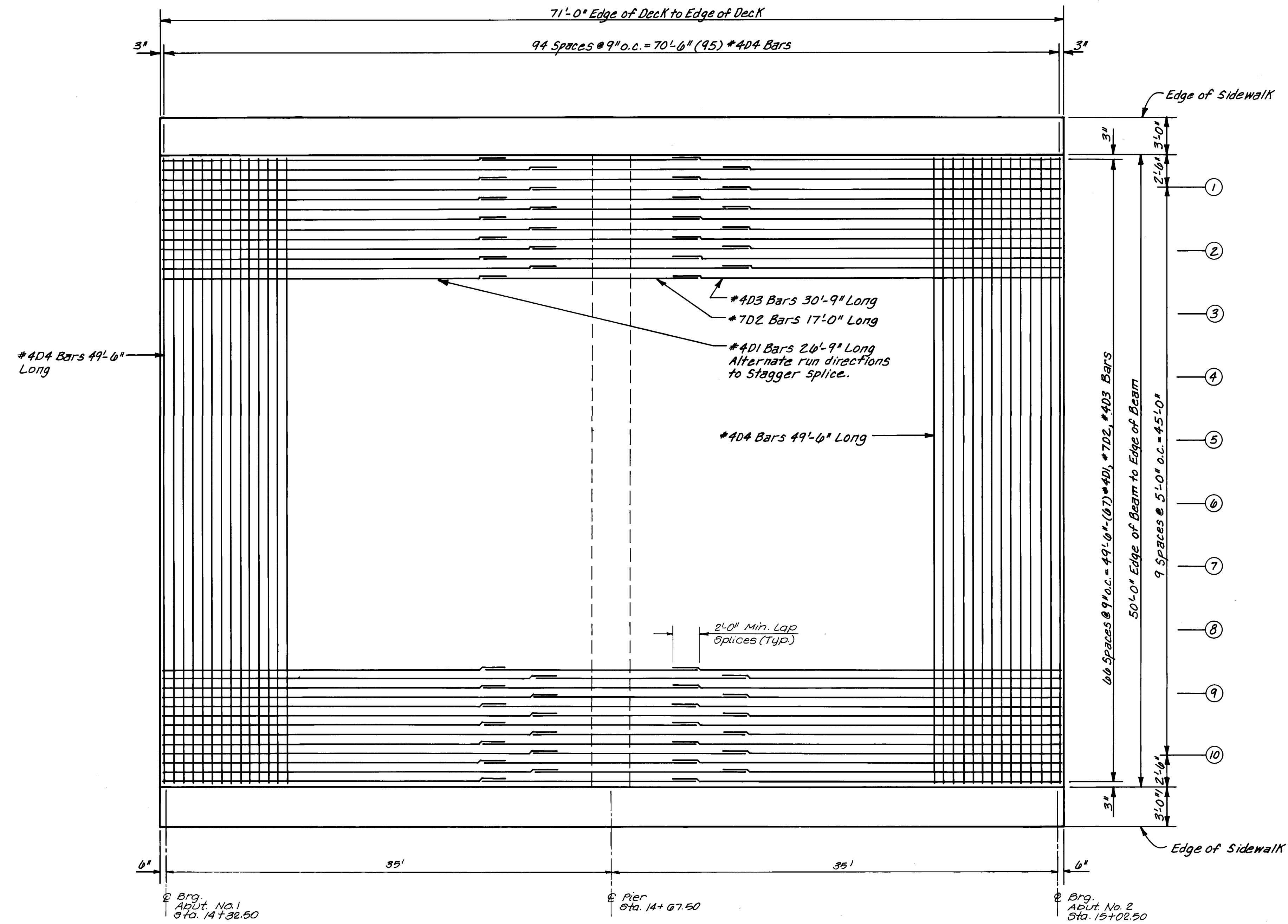
TITLE:
**TESUQUE DRIVE AT MARIPOSA ARROYO
TYPICAL BRIDGE SECTIONS**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>R. W. Kane</i>	11-1-90	Water	<i>R. W. Kane</i>	10-19-90
Trans. Dev	<i>R. W. Kane</i>	10-19-90	Waste Water	<i>R. W. Kane</i>	10-19-90
Utility Dev	<i>R. W. Kane</i>	10-19-90	Parks & Rec.	<i>R. W. Kane</i>	10-19-90
Hydrology	<i>R. W. Kane</i>	10-19-90			
DRAWING NO.	4038	MAP NO. D-11	SHEET 10	OF 18	

RECORD DRAWING

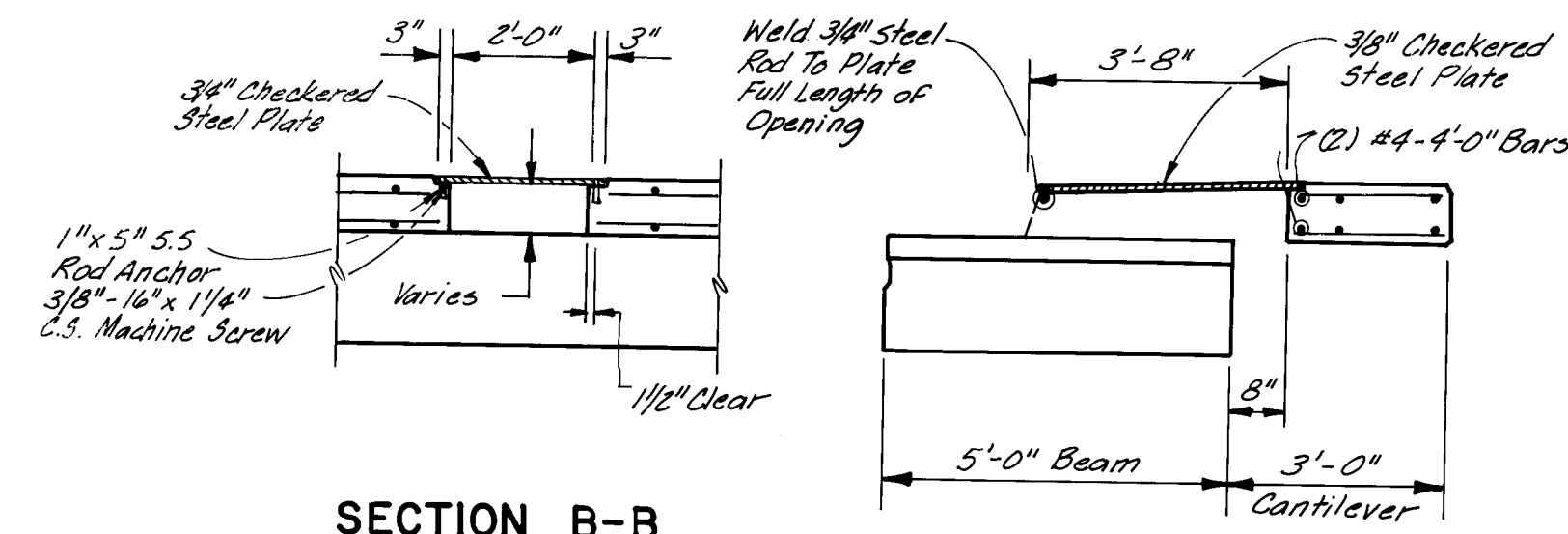
I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick 6/10/91
JAMES V. DOMENICK, P.E. No. 7643 DATE

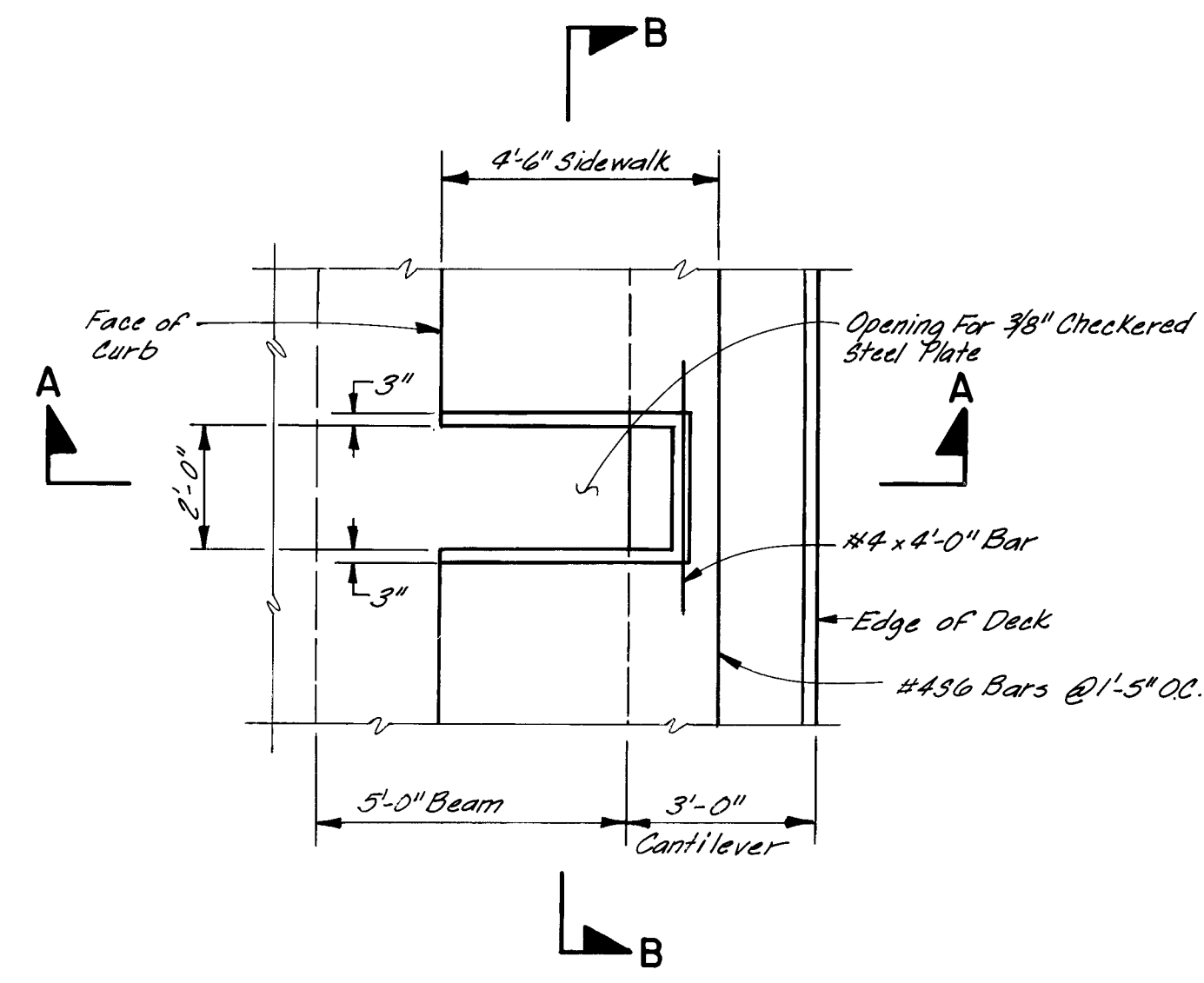


DECK REINFORCEMENT PLAN
NO SCALE

EPOXY COATED GRADE 60 BARS				
BAR TYPE	SIZE	LENGTH	NO.	REQ.
#401	1	4	20'-9"	67
#702	1	7	17'-0"	67
#403	1	4	30'-9"	67
#404	1	4	40'-0"	95



SECTION A-A



PLAN 24" DECK DRAIN AT SIDEWALK

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN		CHECKED BY	
CONTRACTOR	MOORE & CONANT	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK	STAKED BY C.O.A.												
FIELD	ACCEPTED BY C.O.A.												
VERIFICATION	DATE 5/91												
CORRECTION	DATE 5/91												
MICRO-FILM	DATE 5/91												
RECORDED BY													

SCANNED BY LASON

2 6 4 0 3 8 1 1 9 7

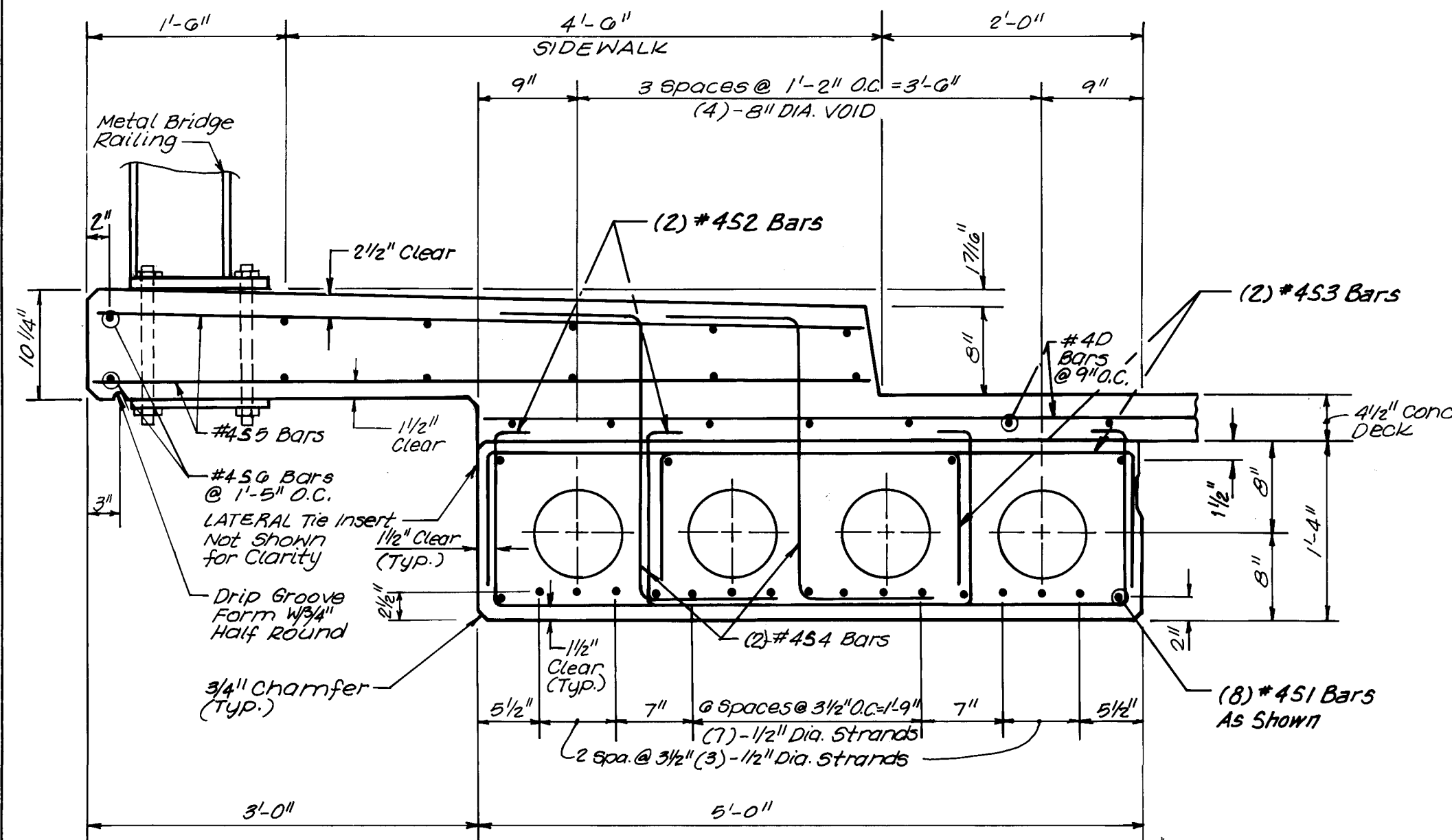
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Albuquerque, NM 87109 • (505) 881-5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
**TESUQUE DRIVE AT MARIPOSA ARROYO
CONCRETE BRIDGE DECK DETAILS**

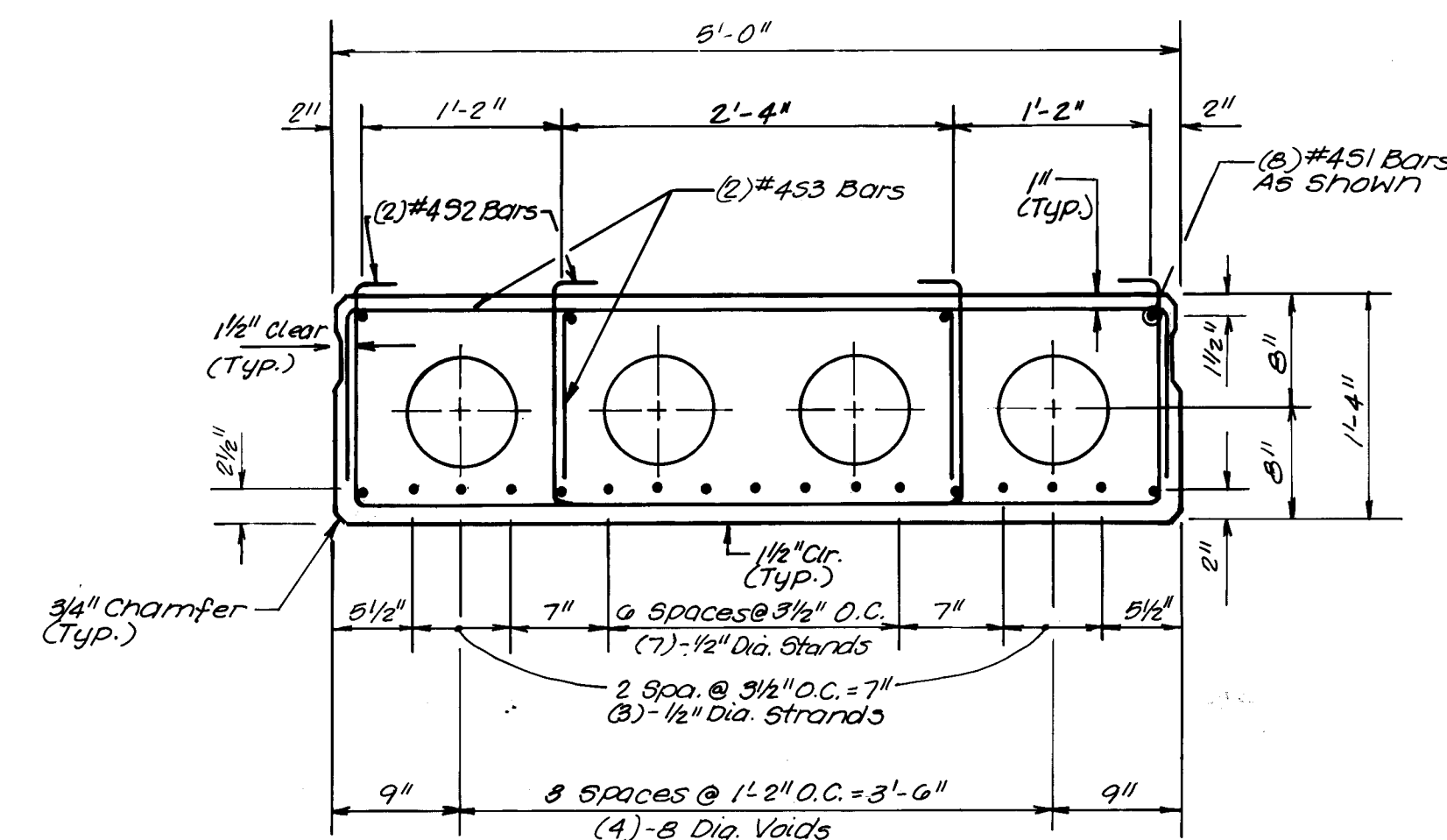
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roger H. Kane	11-1-90	Water	R.W. Kane	10-19-90
Trans. Dev.	R. H. Kane	10-19-90	Waste Water	R.W. Kane	10-19-90
Utility Dev.	R. H. Kane	10-19-90	Parks & Rec.	R.W. Kane	10-19-90
Hydrology	R. H. Kane	10-19-90			
DRAWING NO.	4038	MAP NO.	D-11	SHEET	11 OF 18

RECORD DRAWING

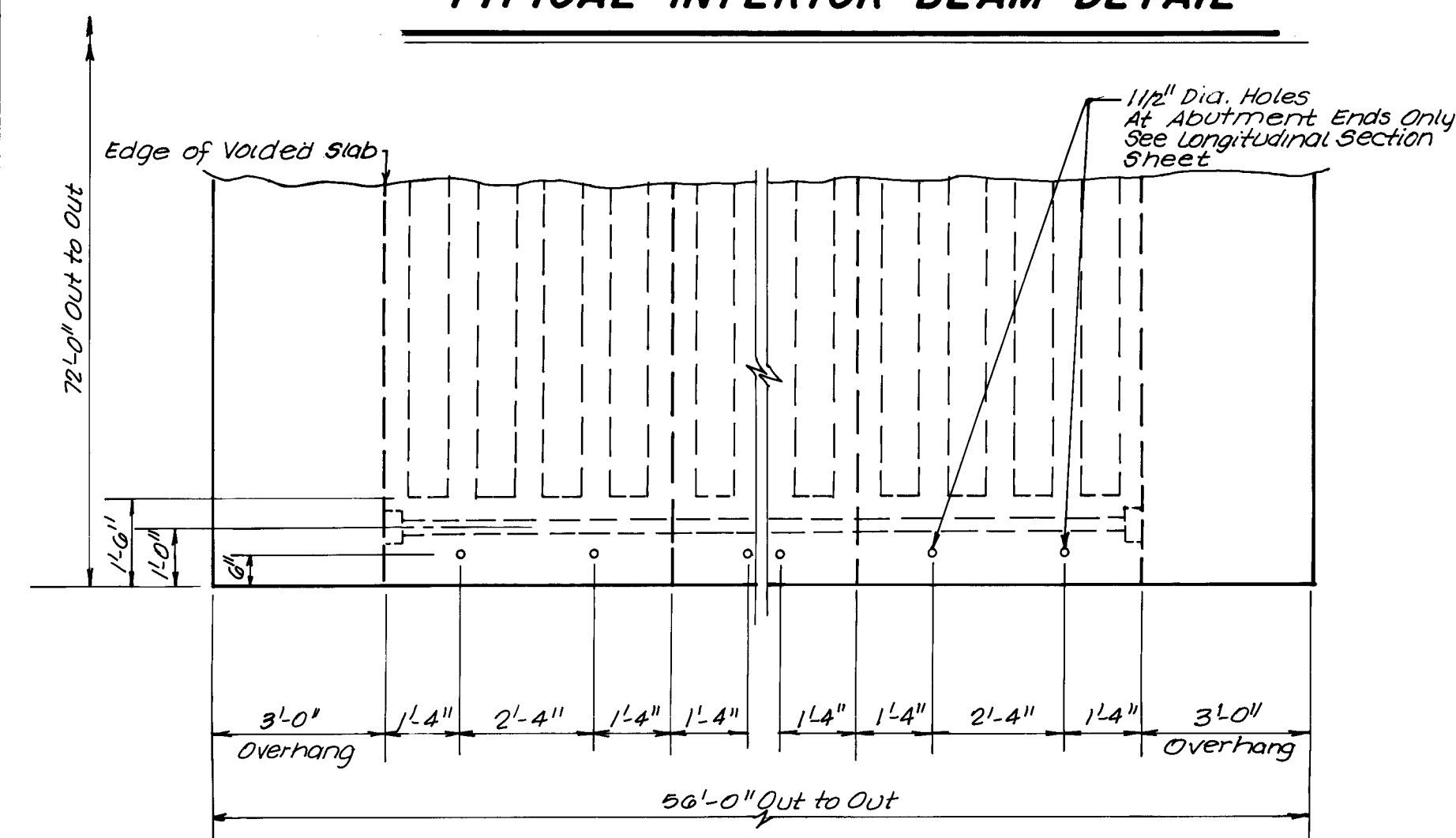


SIDEWALK & EXTERIOR BEAM DETAILS

No Scale



TYPICAL INTERIOR BEAM DETAIL



PLAN VIEW

No Scale

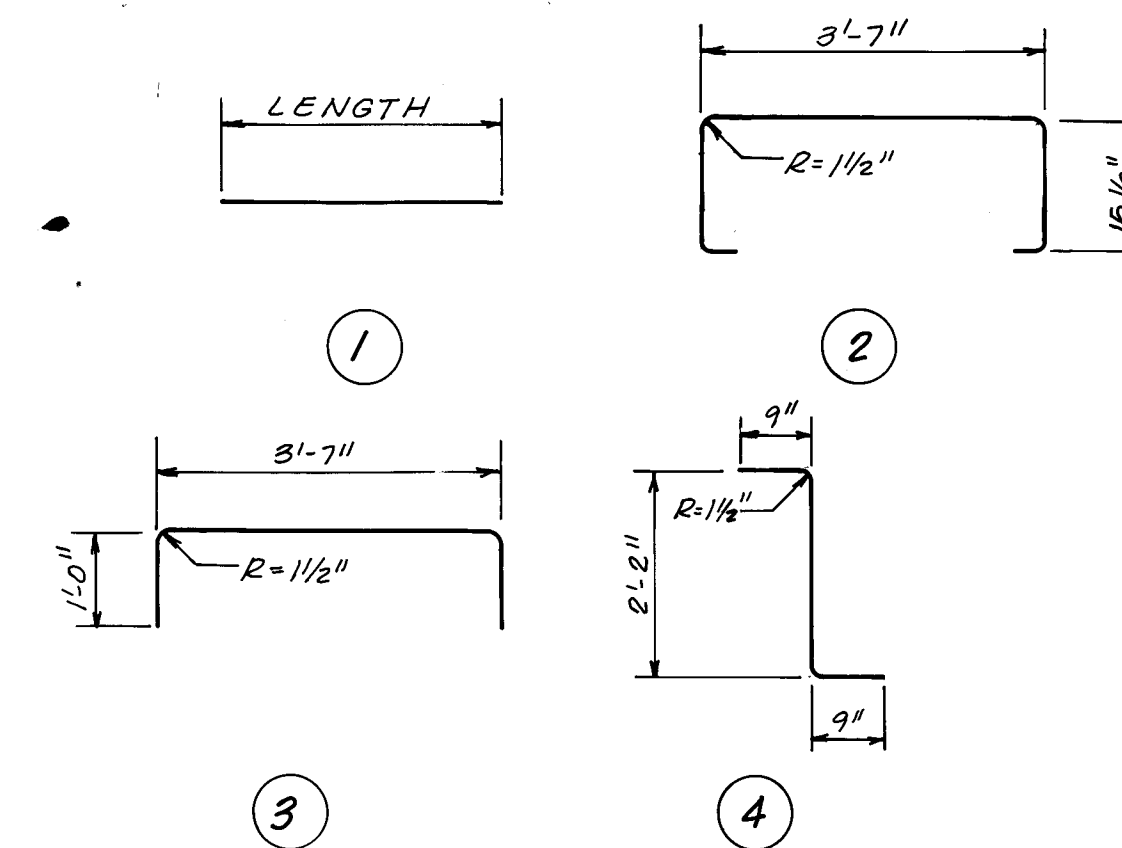
* ESTIMATED QUANTITIES FOR ONE EXTERIOR BEAM AND BEAM DATA							
BEAM TYPE	CONCRETE	REINFORCING STEEL		EMBEDDED STRUCT. STEEL**	WEIGHT	CAMBER	DEAD LOAD DEFLECTION
10' x 60"	6.9 CY	1/2" STRAND	REBAR	110 LBS	15.64 TONS	1/4"	1/4"
		238 LBS	2992 LBS				

* Quantities are for Exterior Beam only And do Not Include Quantities for Concrete Deck & Sidewalk.

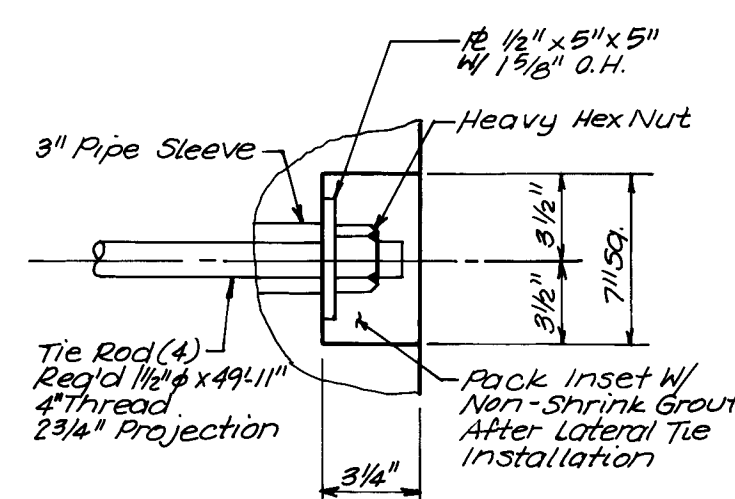
** Incidental to Construction.

REINFORCING STEEL REQUIRED FOR ONE EXTERIOR BEAM					
BAR	TYPE	SIZE	LENGTH	NUMBER	
451	1	4	34'-8"	16	
452	2	4	6'-8"	148	
453	3	4	5'-7"	148	
454	4	4	3'-8"	148	
455	1	4	5'-8"	148	
456	1	4	36'-6"	20	

(4) - Required

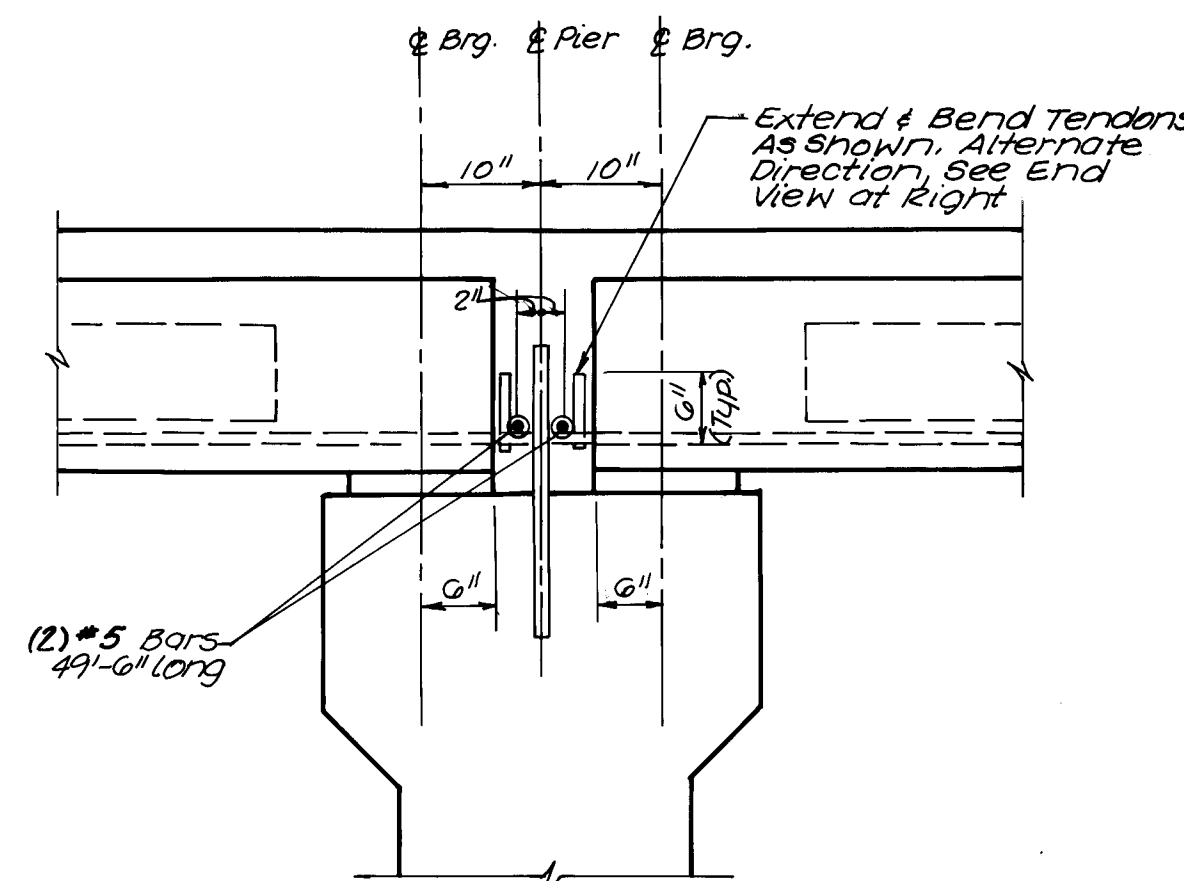


BAR BENDING DIAGRAM

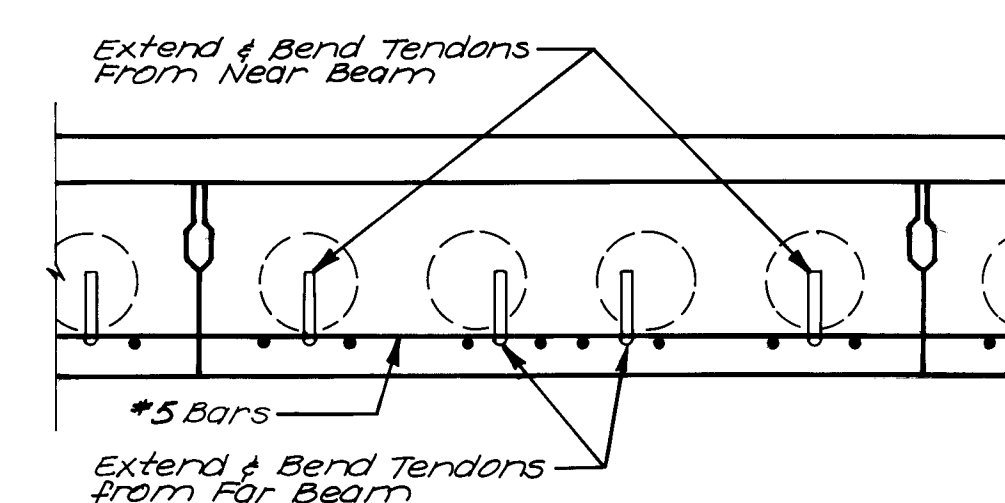


LATERAL TIE & INSET

No Scale



ELEVATION



END VIEW

PIER CONNECTION DETAIL

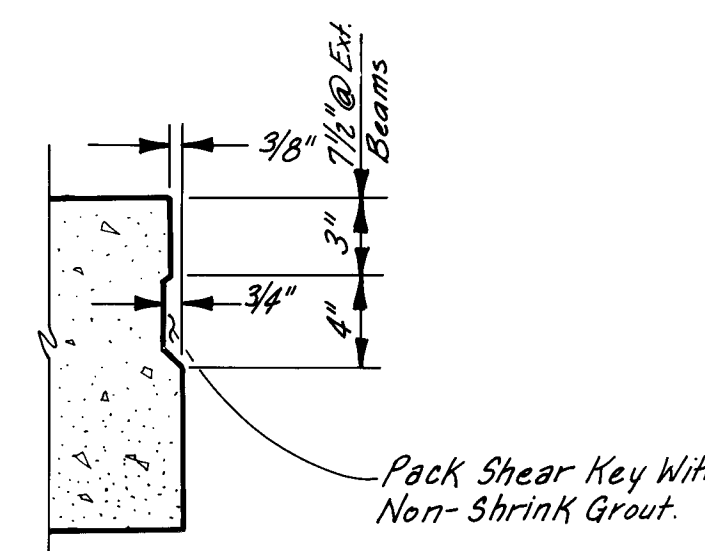
No Scale

ESTIMATED QUANTITIES FOR ONE INTERIOR BEAM AND BEAM DATA							
BEAM TYPE	CONCRETE	REINFORCING STEEL		EMBEDDED STRUCT. STEEL	WEIGHT	CAMBER	DEAD LOAD DEFLECTION
10' x 60"	6.9 CY	1/2" STRAND	REBAR	102 LB	14.93 TONS	1/4"	1/4"
		238 LBS	1582 LBS				

(16) - Required

REINFORCING STEEL REQUIRED FOR ONE INTERIOR BEAM					
BAR	TYPE	SIZE	LENGTH	NUMBER	
451	1	4	34'-8"	16	
452	2	4	6'-8"	148	
453	3	4	5'-7"	148	

(16) Required



SHEAR KEY DETAIL

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick
JAMES V. DOMENICK, P.E. No. 7643

DATE

SCANNED BY LASON

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

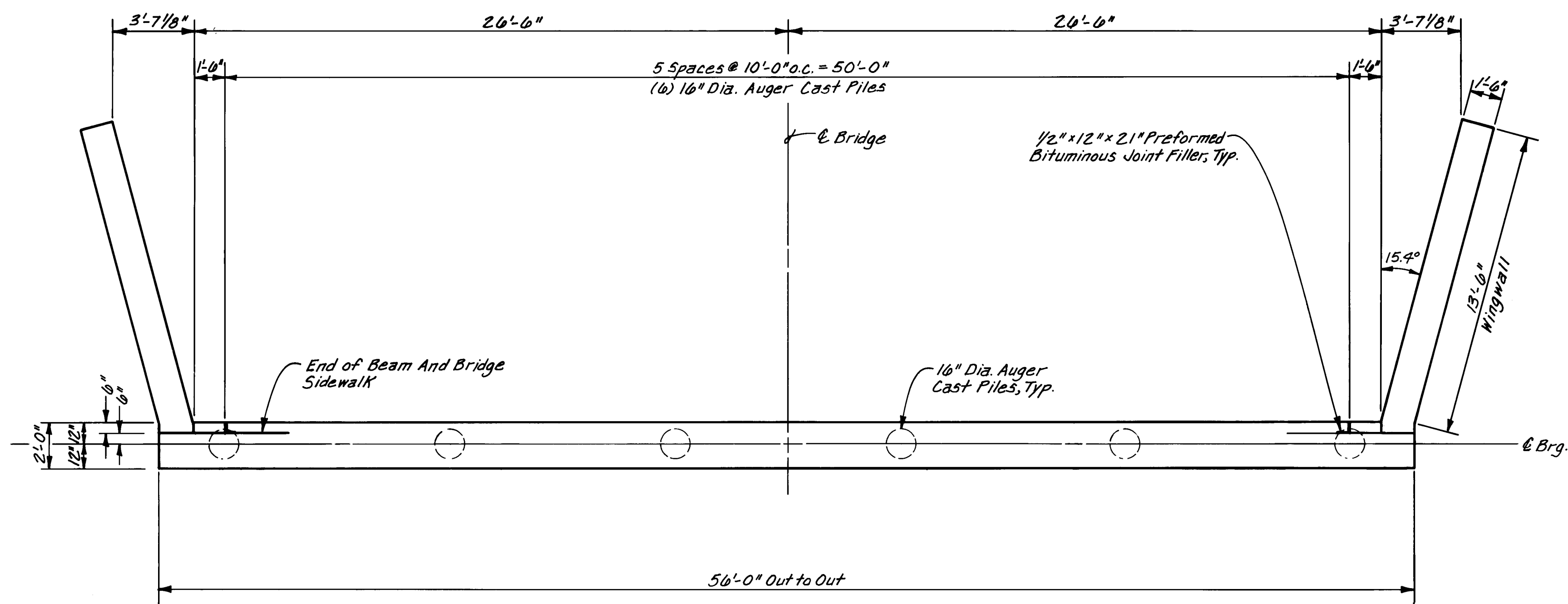
TITLE:
**TESUQUE DRIVE AT MARIPOSA ARROYO
SUPERSTRUCTURE BEAM DETAILS**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>R. W. Kane</i>	11-1-90	Water	<i>R. W. Kane</i>	10-19-90
Trans. Dev	<i>R. W. Kane</i>	10-19-90	Waste Water	<i>R. W. Kane</i>	10-19-90
Utility Dev	<i>R. W. Kane</i>	10-19-90	Parks & Rec.	<i>R. W. Kane</i>	10-19-90
Hydrology	<i>R. W. Kane</i>	11-01-90			
DRAWING NO.	4038	MAP NO.	D-11	SHEET	12 OF 18

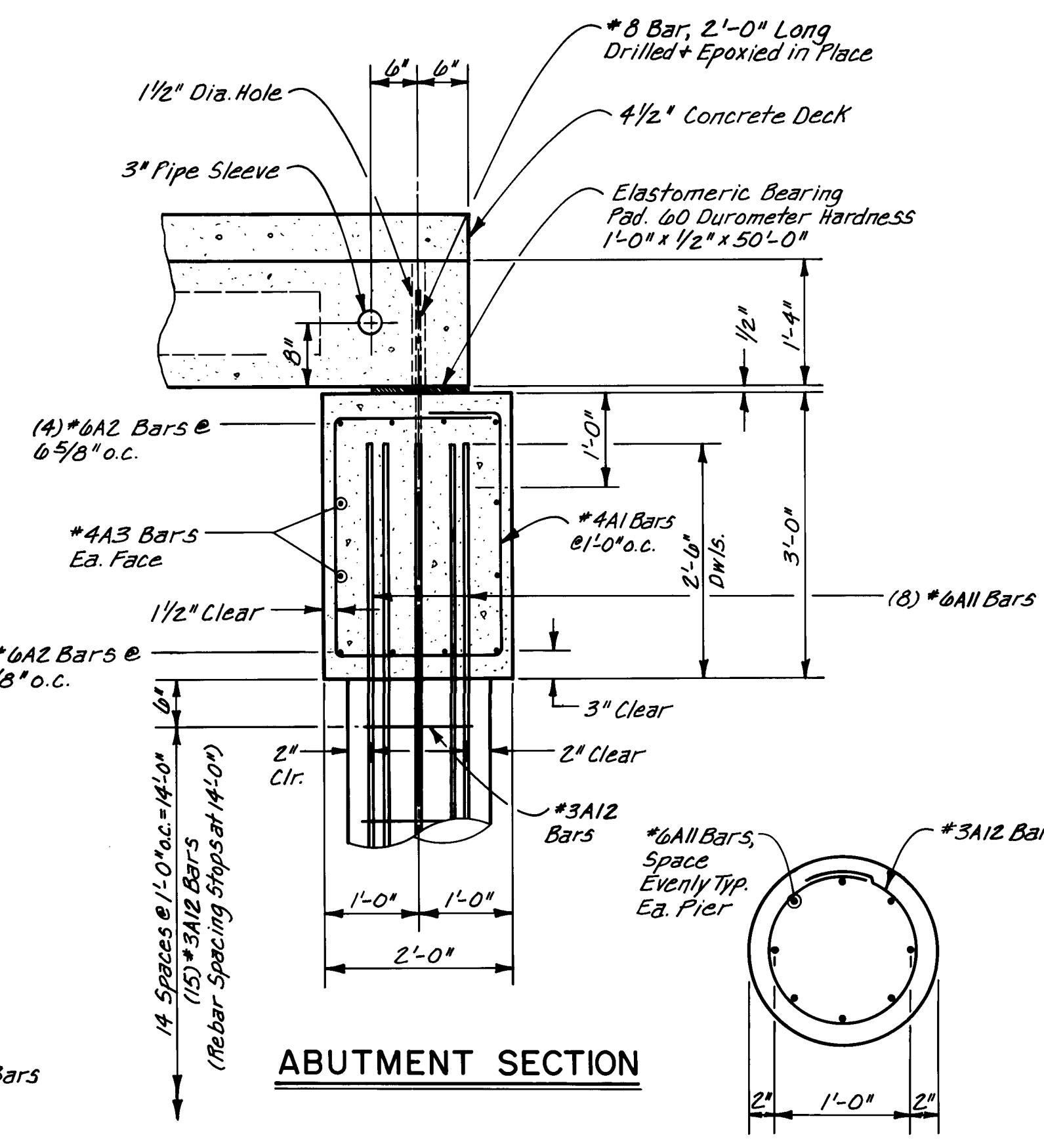
RECORD DRAWING

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

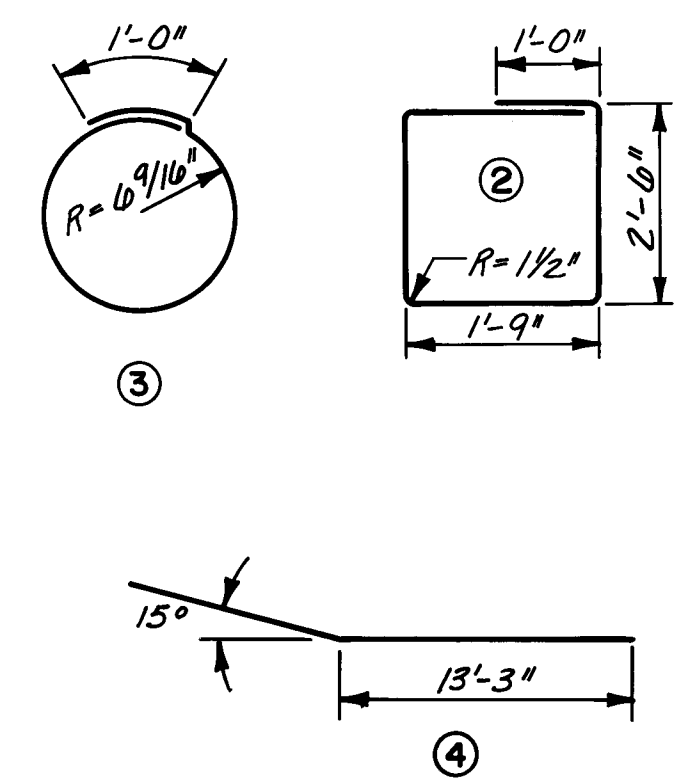
James V. Domenick
JAMES V. DOMENICK, P.E. No. 7643
4/10/11 DATE



PLAN AT ABUTMENT NO. 2
NO SCALE



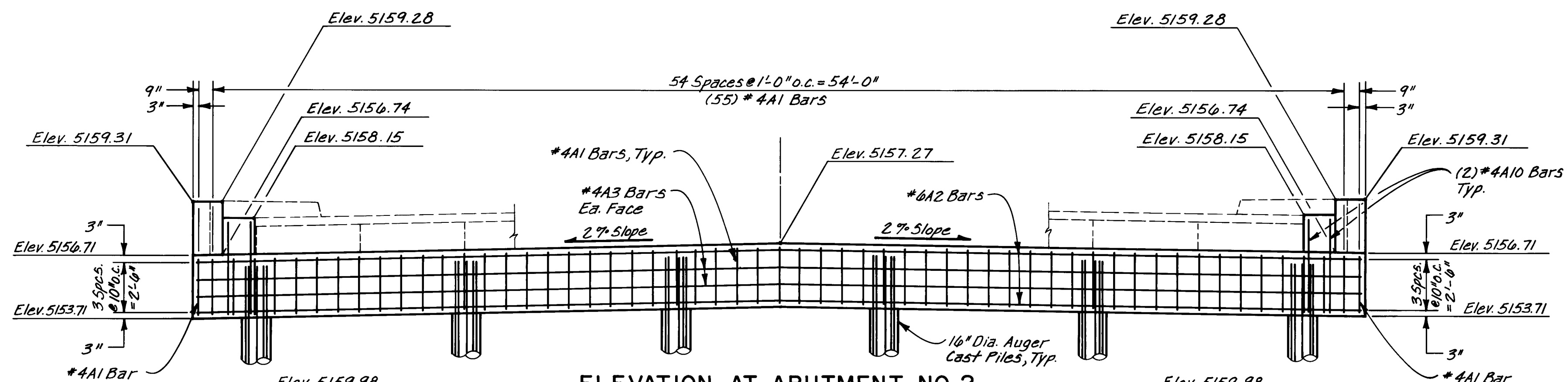
ABUTMENT SECTION



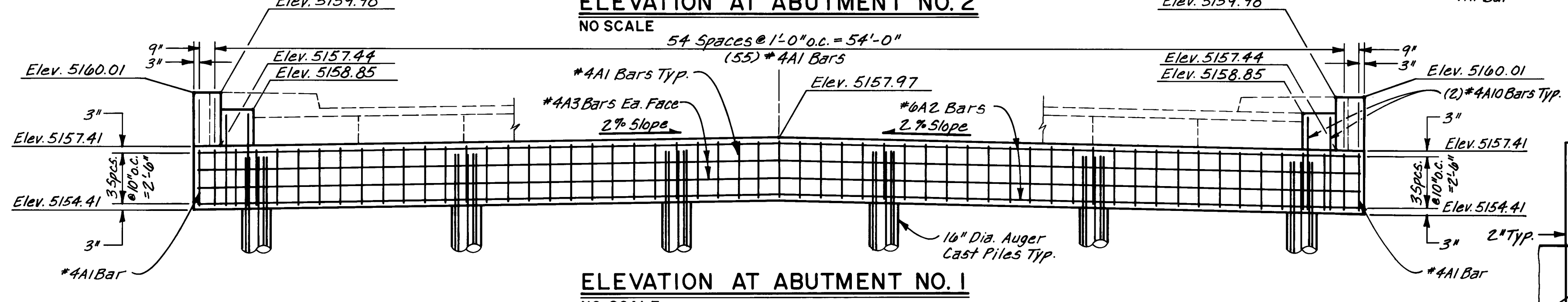
REINFORCING STEEL FOR
ABUT. NO. 1 & ABUT. NO. 2

REGULAR GRADE 60 BARS				
BAR	TYPE	SIZE	LENGTH	NO. REQ'D
#4A1	2	4	9'-6"	114
#4A2	1	6	55'-9"	16
#4A3	1	4	55'-9"	8
#4A4	1	4	5'-3"	60
#4A5	1	6	5'-3"	60
#4A6	4	4	15'-3"	16
#4A7	4	4	13'-9"	12
#4A8	4	6	15'-3"	16
#4A9	4	6	13'-9"	12
#4A10	1	4	4'-6"	8
#4A11	1	6	17'-0"	96
#4A12	3	3	4'-5"	180

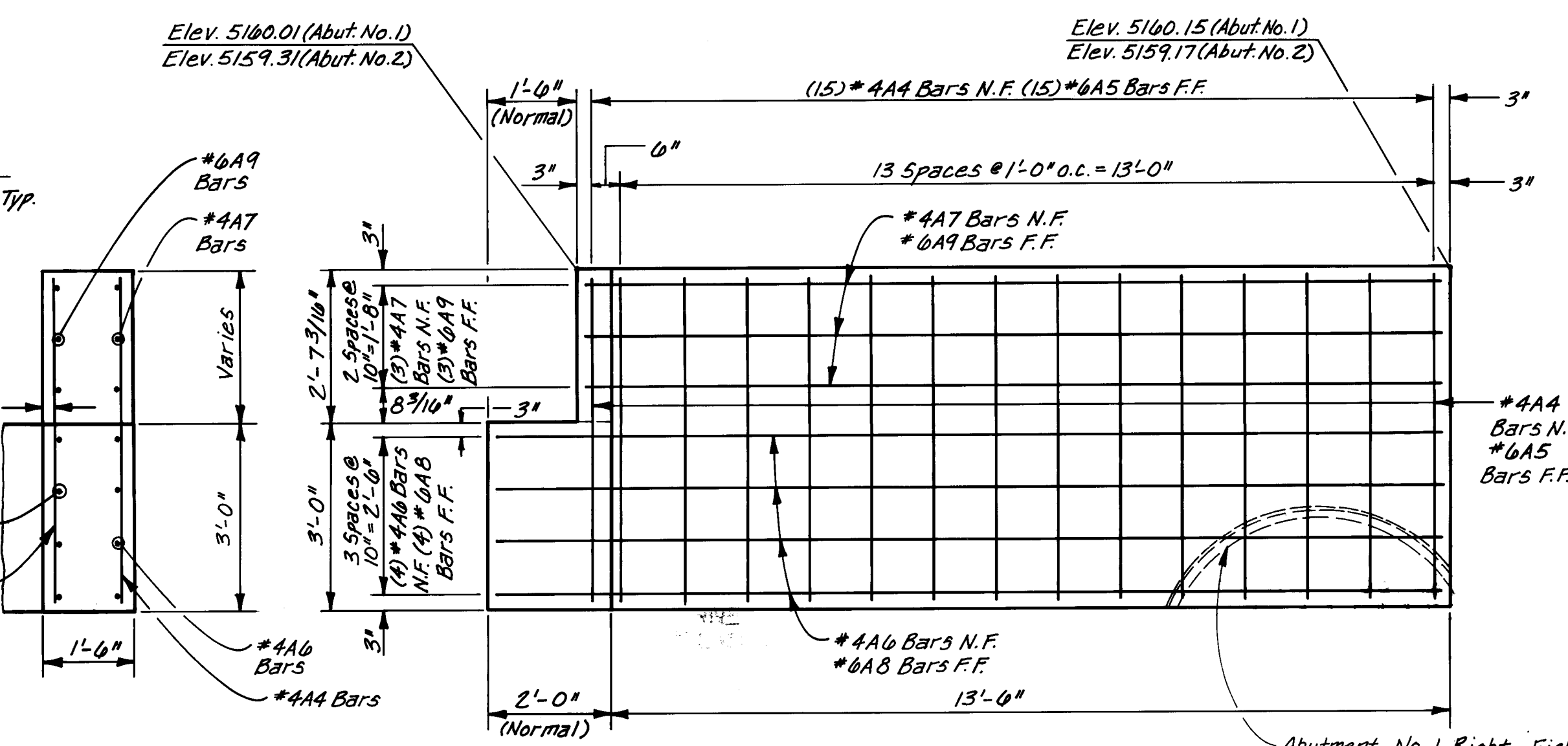
PLAN VIEW OF PILE
* Note: Extend (2) #4A11 Bars Full Depth as template Bars.



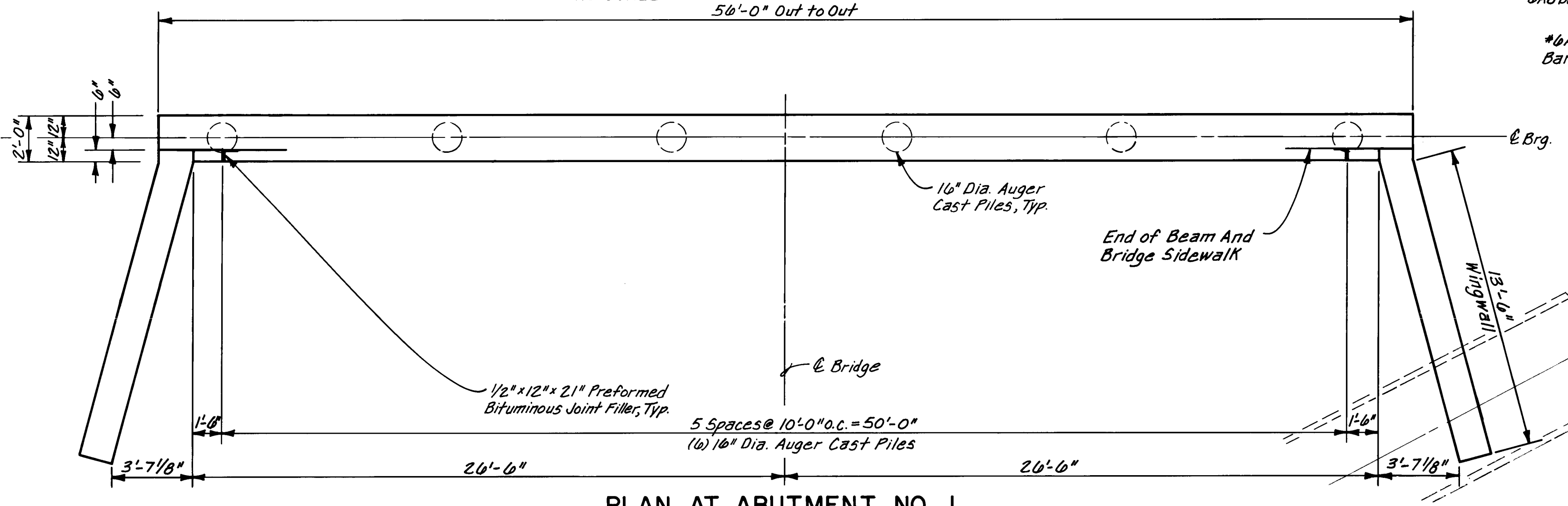
ELEVATION AT ABUTMENT NO. 2
NO SCALE



ELEVATION AT ABUTMENT NO. 1
NO SCALE



ELEVATION AT WINGWALLS
NOTE: DIMENSIONS SHOWN ARE ALONG SKEW.



PLAN AT ABUTMENT NO. 1
NO SCALE

SECTION AT WINGWALL

2011 04 10 11 38 11 11

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Albuquerque, NM 87109 • (505) 881-5357

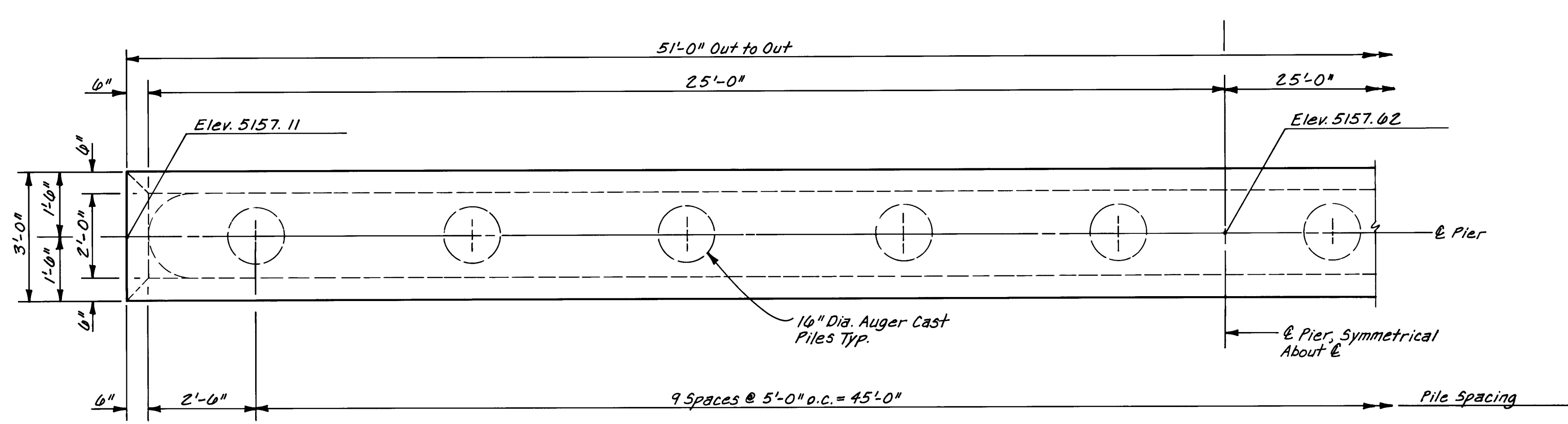
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
**TESUQUE DRIVE AT MARIPOSA ARROYO
ABUTMENT & WINGWALL DETAILS**

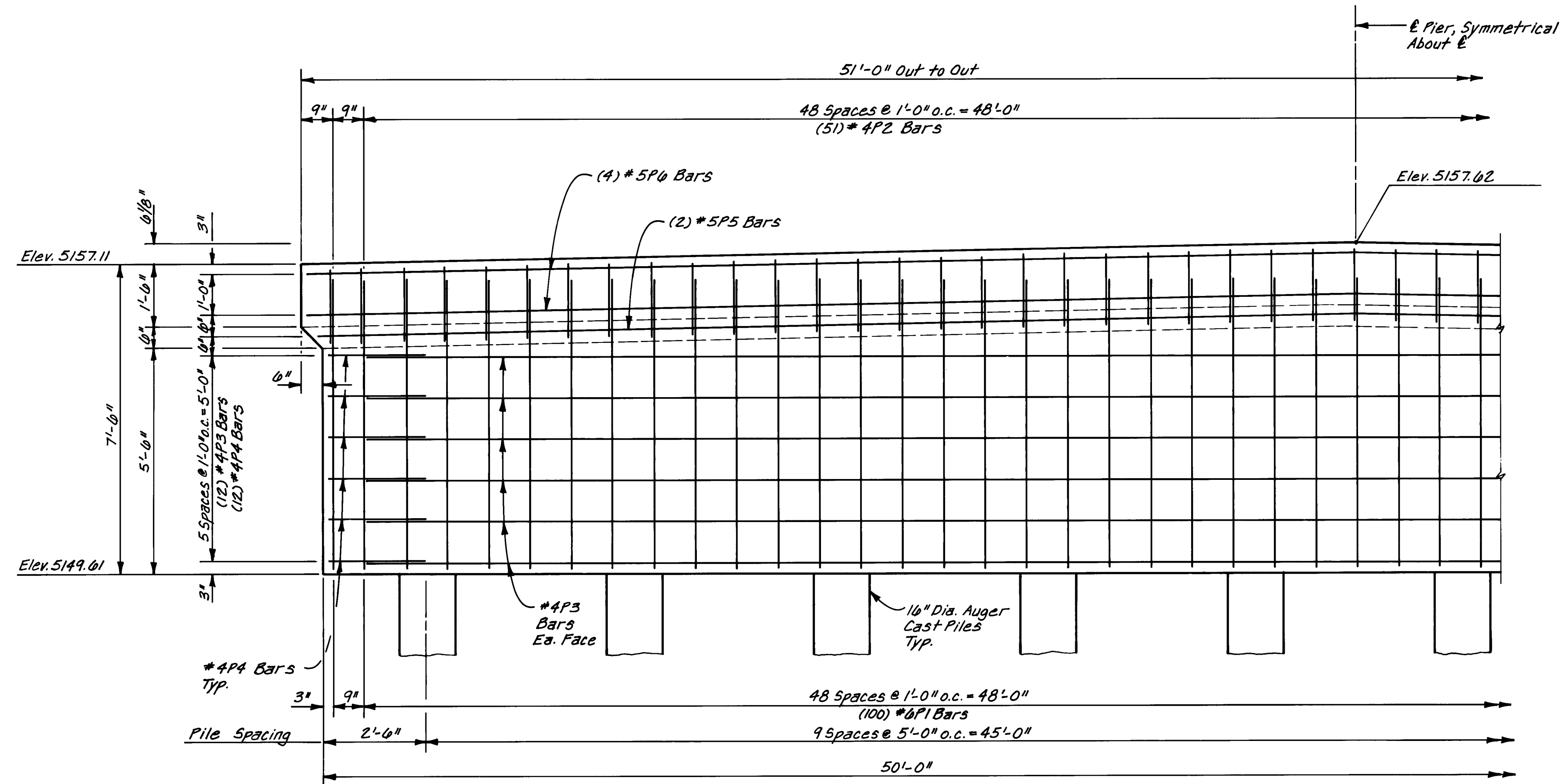
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R. Chair	<i>R. W. Kane</i>	11-1-90	Water	<i>R. W. Kane</i>	10-19-90
Trans. Dev.	<i>R. W. Kane</i>	10-19-90	Waste Water	<i>R. W. Kane</i>	10-19-90
Utility Dev.	<i>R. W. Kane</i>	10-19-90	Parks & Rec.	<i>R. W. Kane</i>	10-19-90
Hydrology	<i>R. W. Kane</i>	10-19-90			

DRAWING NO. **4038** MAP NO. **D-II** SHEET **13** OF **18**

RECORD DRAWING



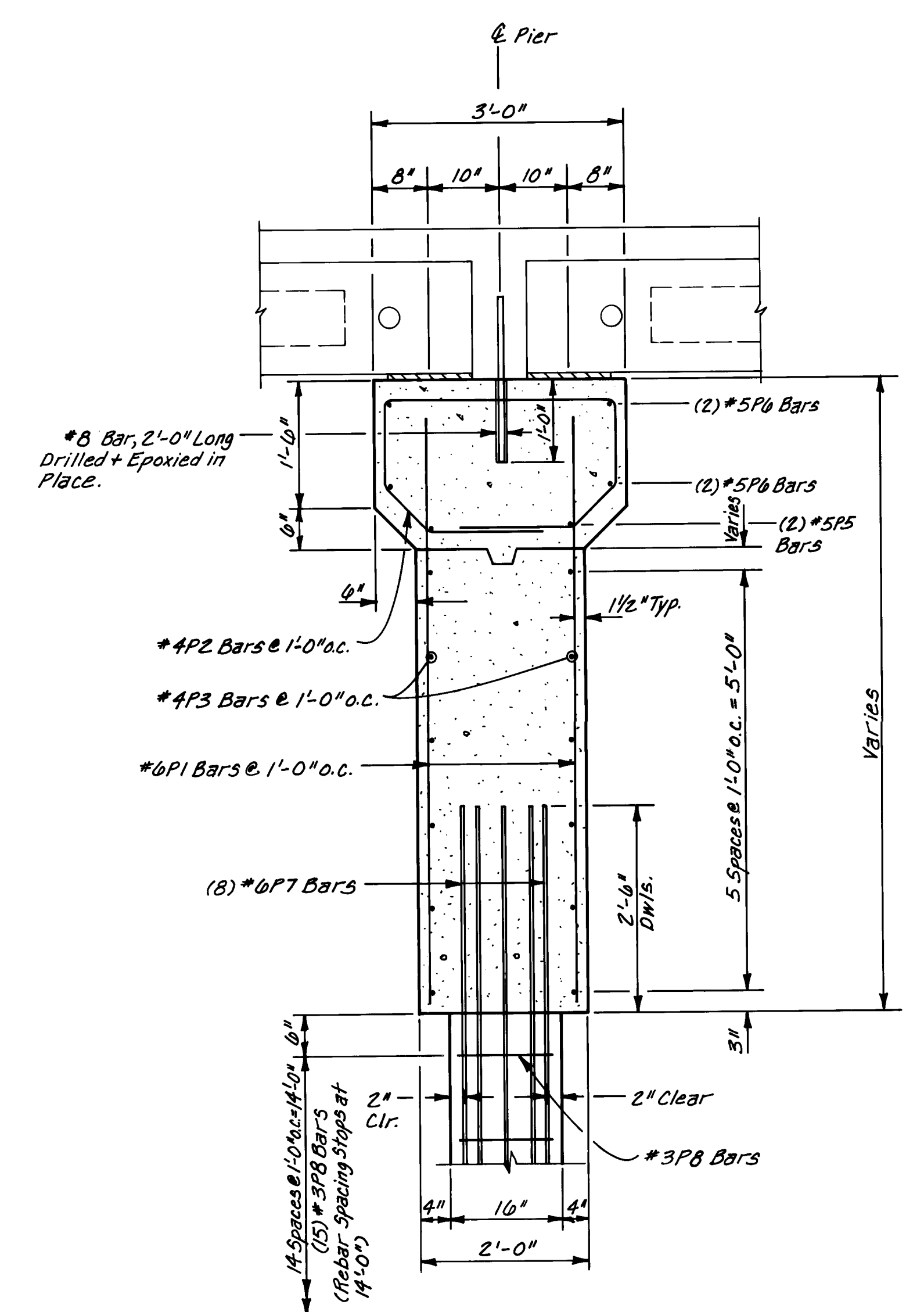
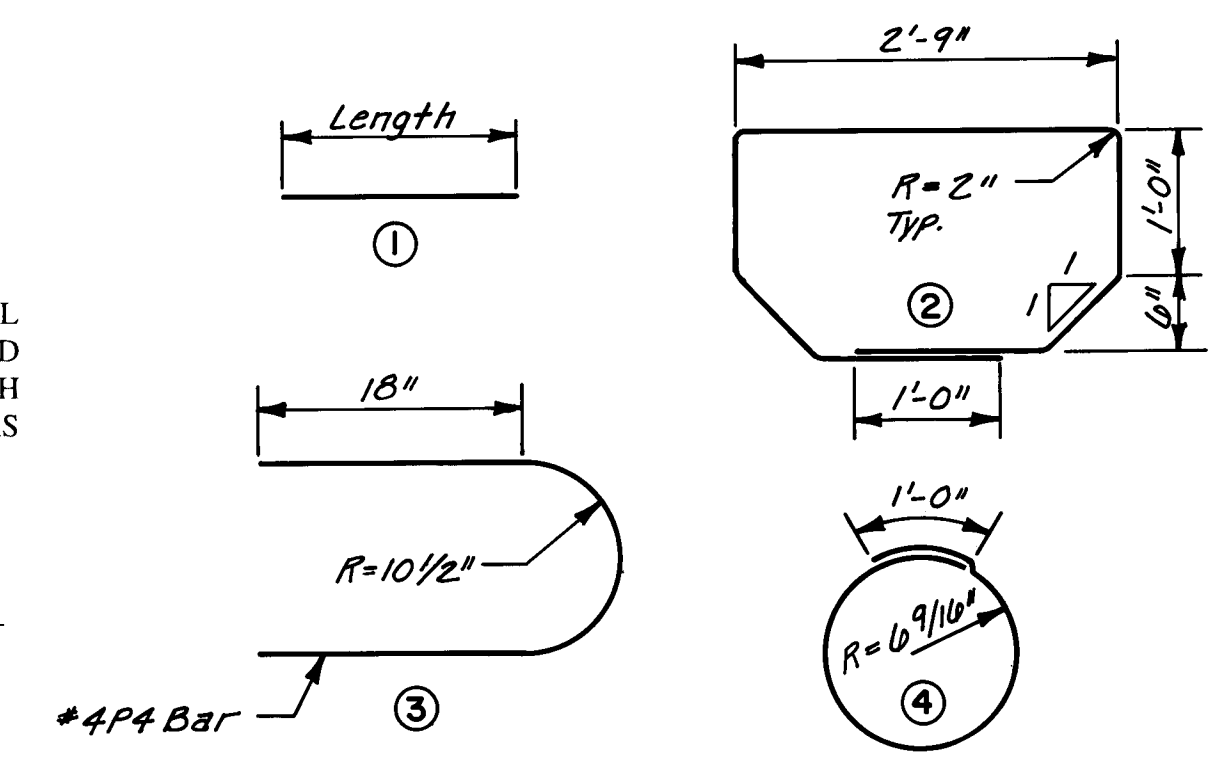
PIER PLAN



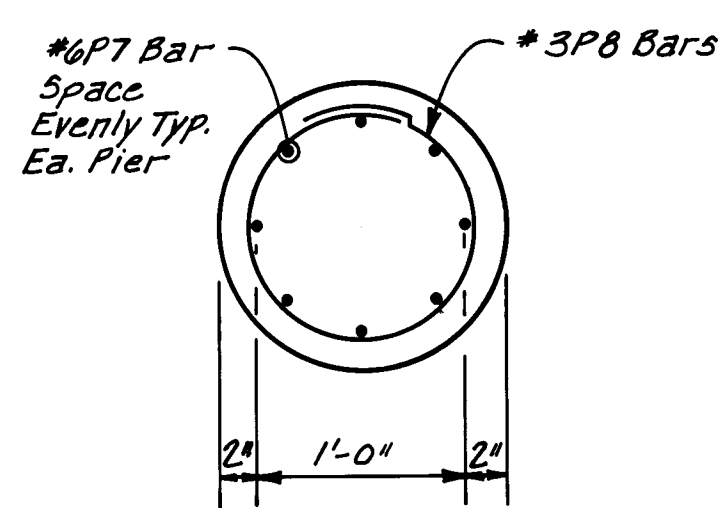
PIER ELEVATION

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick 6/10/91
 JAMES V. DOMENICK, P.E. No. 7643 DATE



SECTION AT PIER



PLAN VIEW OF PILE
 *Note: Extend (2) #6P7 Bars Full Depth as template Bars.

REINFORCING STEEL FOR PIER

BAR	TYPE	SIZE	LENGTH	NO. REQ'D
#6P1	1	6	7'-0"	100
#4P2	2	4	9'-0"	51
#4P3	1	4	48'-0"	12
#4P4	3	4	5'-9"	12
#5P5	1	5	50'-0"	2
#5P6	1	5	50'-8"	4
#6P7	1	6	*17'-0"	80
#3P8	4	3	4'-5"	150

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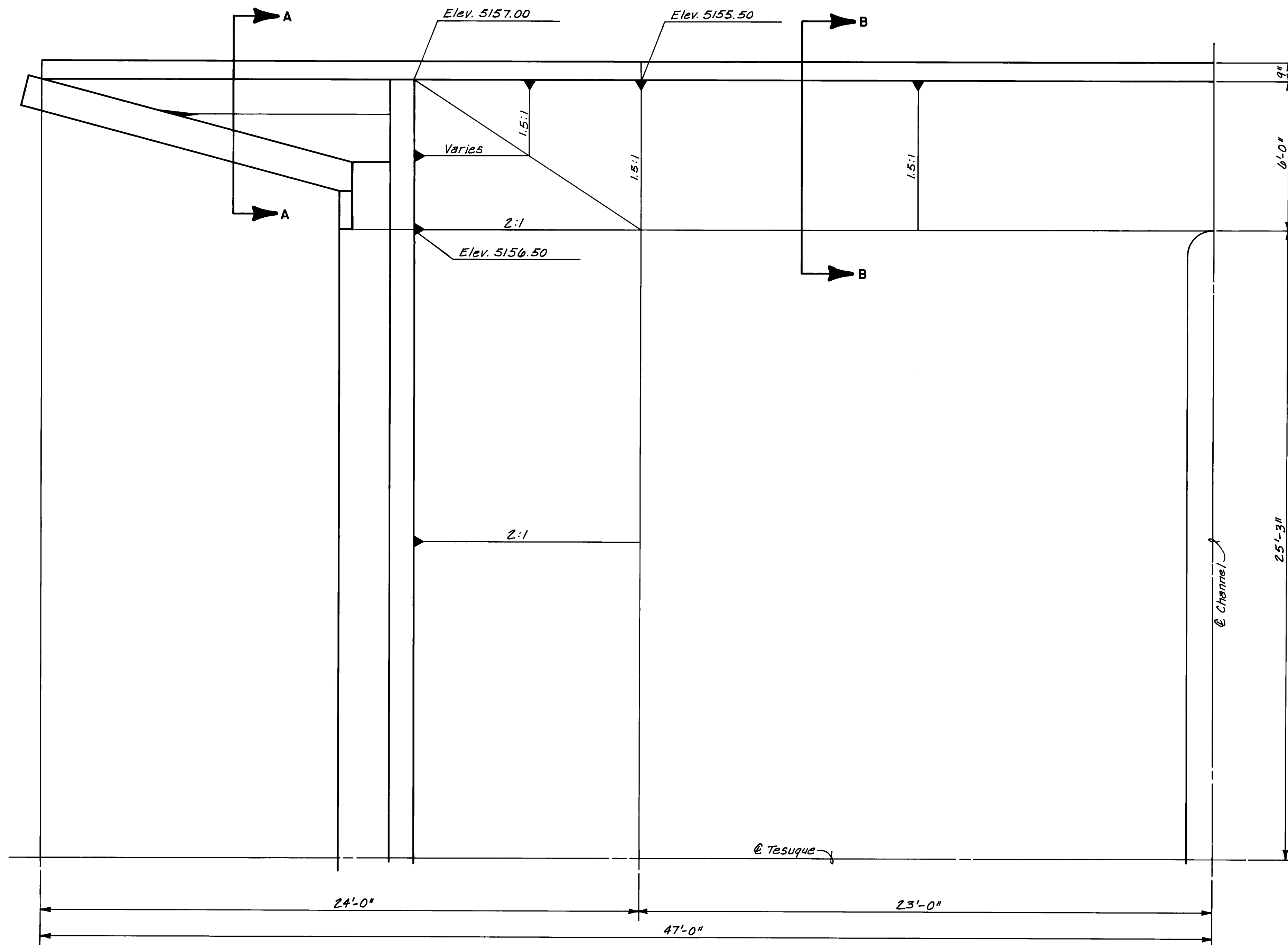
CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING GROUP

TITLE: **TESUQUE DRIVE AT MARIPOSA ARROYO PIER DETAILS**

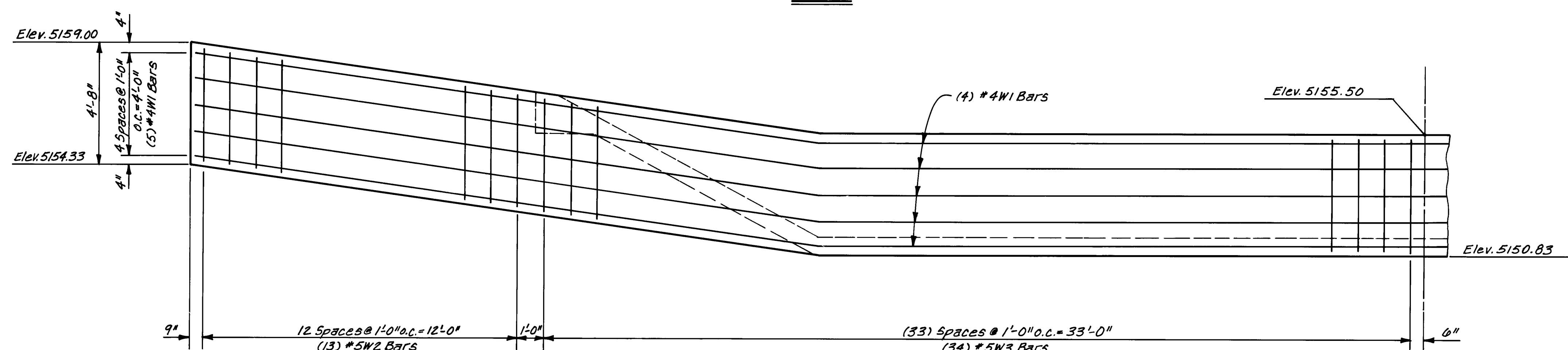
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Randy Rios</i>	11-1-90	Water	<i>R.W. Kane</i>	10-19-90
Trans. Dev.	<i>R. Danks</i>	10-19-90	Waste Water	<i>R.W. Kane</i>	10-19-90
Utility Dev.	<i>M. Alby</i>	11-01-90	Parks & Rec.	<i>D. Lima</i>	10-19-90

DESIGNED BY CP DATE 7/90
 DRAWN BY RL DATE 7/90
 CHECKED BY DW DATE 9/90

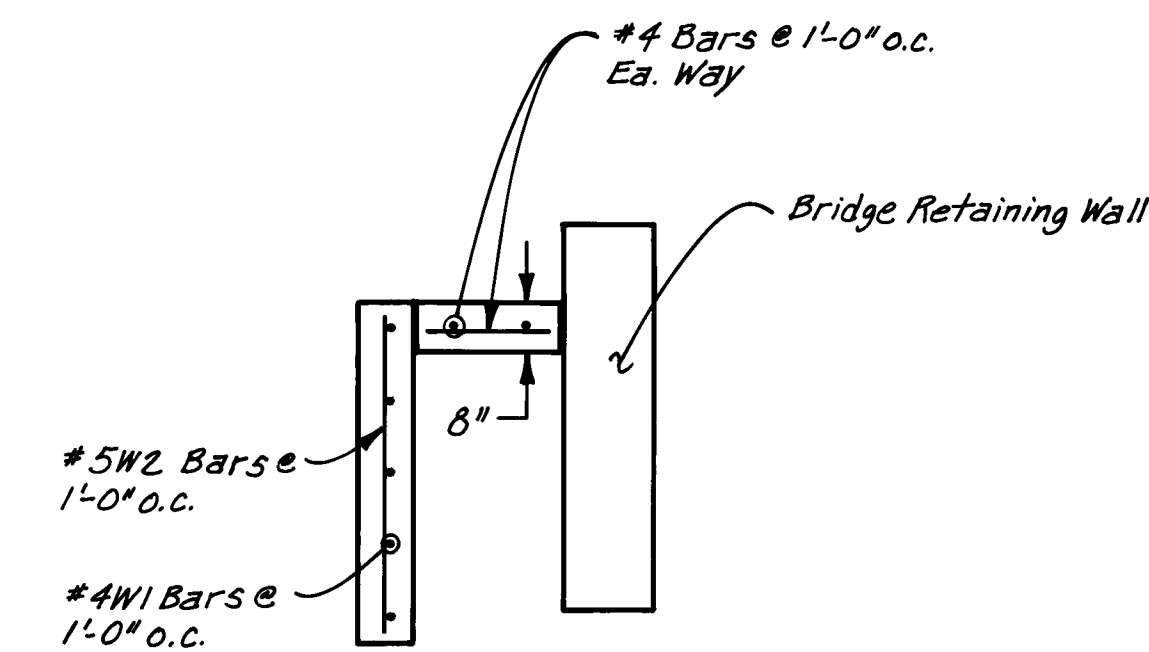
DRAWING NO. **4038** MAP NO. **D-11** SHEET **14** OF **18**



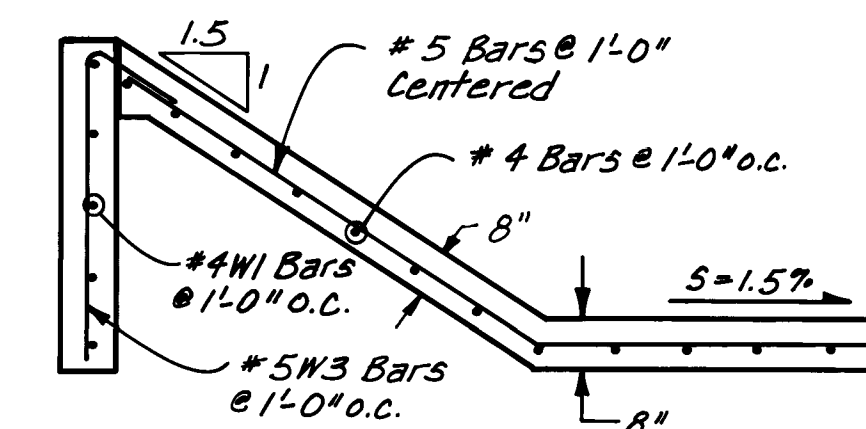
PLAN



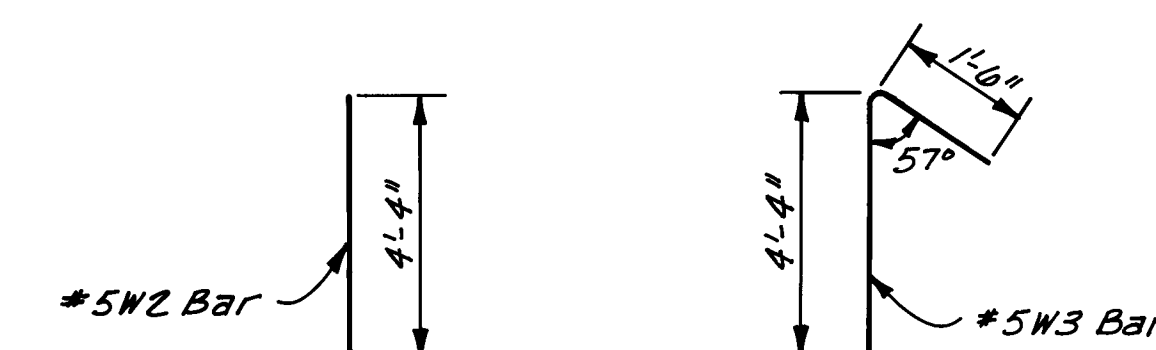
ELEVATION



SECTION A-A



SECTION B-B



BAR BENDING DIAGRAM

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick 6/10/91
JAMES V. DOMENICK, P.E. No. 7643 DATE

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Albuquerque, NM 87109 • (505) 881-5357

SCANNED BY
BY LASON

2018 11 15 9 11

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO UPSTREAM CHANNEL HEADWALL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R. Chair	<i>R. W. Kane</i>	11-1-90	Waste	<i>R. W. Kane</i>	10-19-90
Trans. Dev.	<i>R. W. Kane</i>	10-19-90	Waste Water	<i>R. W. Kane</i>	10-19-90
Hydrology	<i>P. Scina</i>	11-01-90	Parks & Rec.	<i>P. Scina</i>	10-19-90
DRAWING NO.	4038	MAP NO.	D-11	SHEET	15 OF 18

RECORD DRAWING



I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

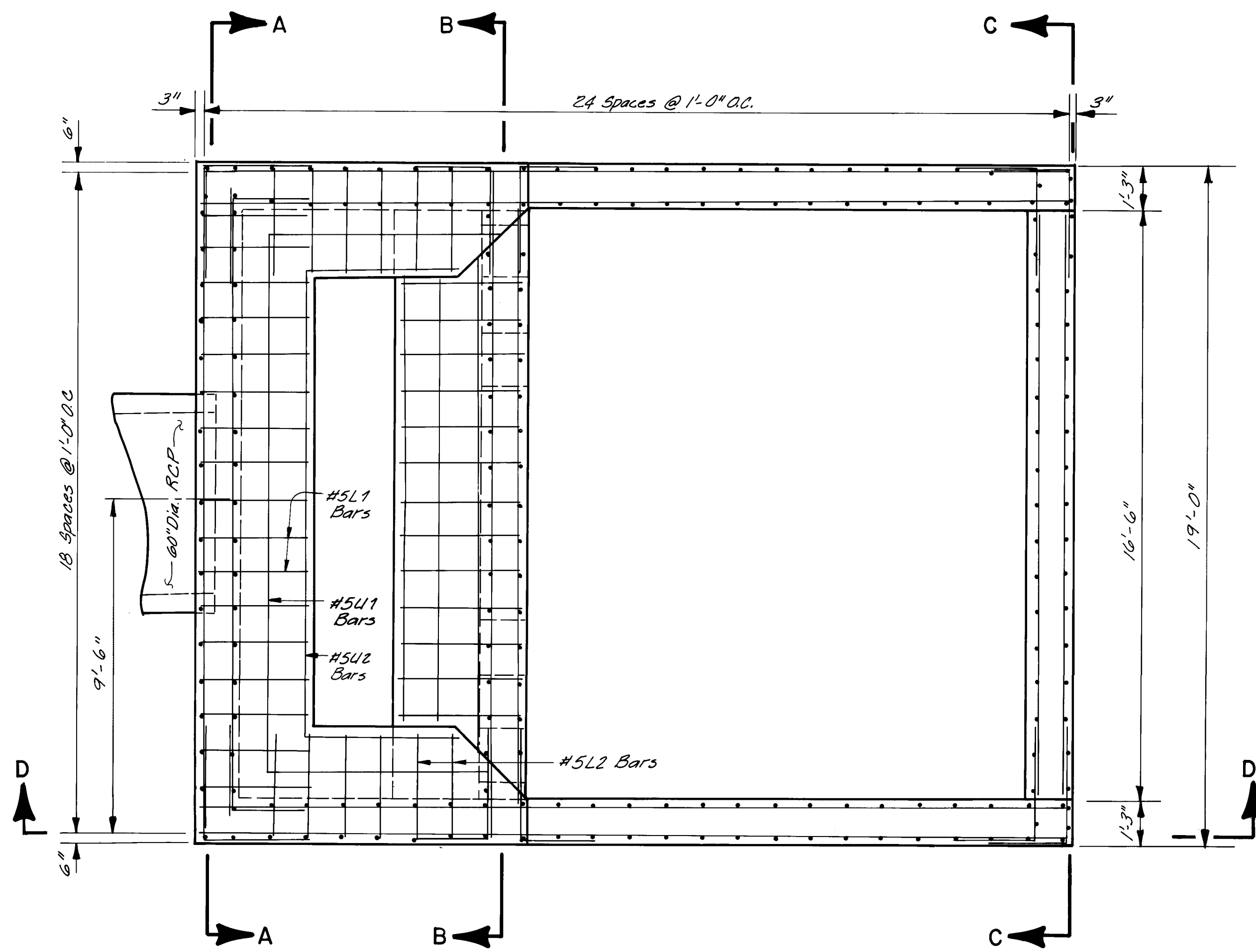
DEPARTMENT. James Domenick 6/27/91

JAMES V. DOMENICK, P.E. No. 7643 DATE

ENGINEER'S SEAL			SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION			
 <i>James A. Monahan</i> <i>02/23/90</i>			FIELD NOTES							
			NO.	BY	DATE					
REMARKS			1	EXIST. CONDITIONS SURVEY BY HUGG SURVEYING INC.	7/90	ACS BRASS CAP "4-D-11", LOCATED APPX. 700' SOUTH WEST OF RADIUS POINT OF CUL-DE-SAC AT END OF RIDGEWAY DR. STA. IS A 3/4" ALUM. CAP SET FLUSH IN LAVA OUTCROP STAMPED "4-D-11, 1986".				
DESIGN										
DESIGNED BY DW							CONTRACTOR <i>Moore & Cowart Const.</i>			
DRAWN BY RB							STAMPED BY <i>C.O.A.</i>			
							INSPECTOR'S FIELD VERIFICATION BY <i>C.O.A.</i>			
							DATE <i>5/91</i>			
							CORRECTED BY <i>AVID Eng.</i>			
							DATE <i>5/91</i>			
							MICRO-FILM INFORMATION			
							RECORDED BY			
							DATE			
							NO.			

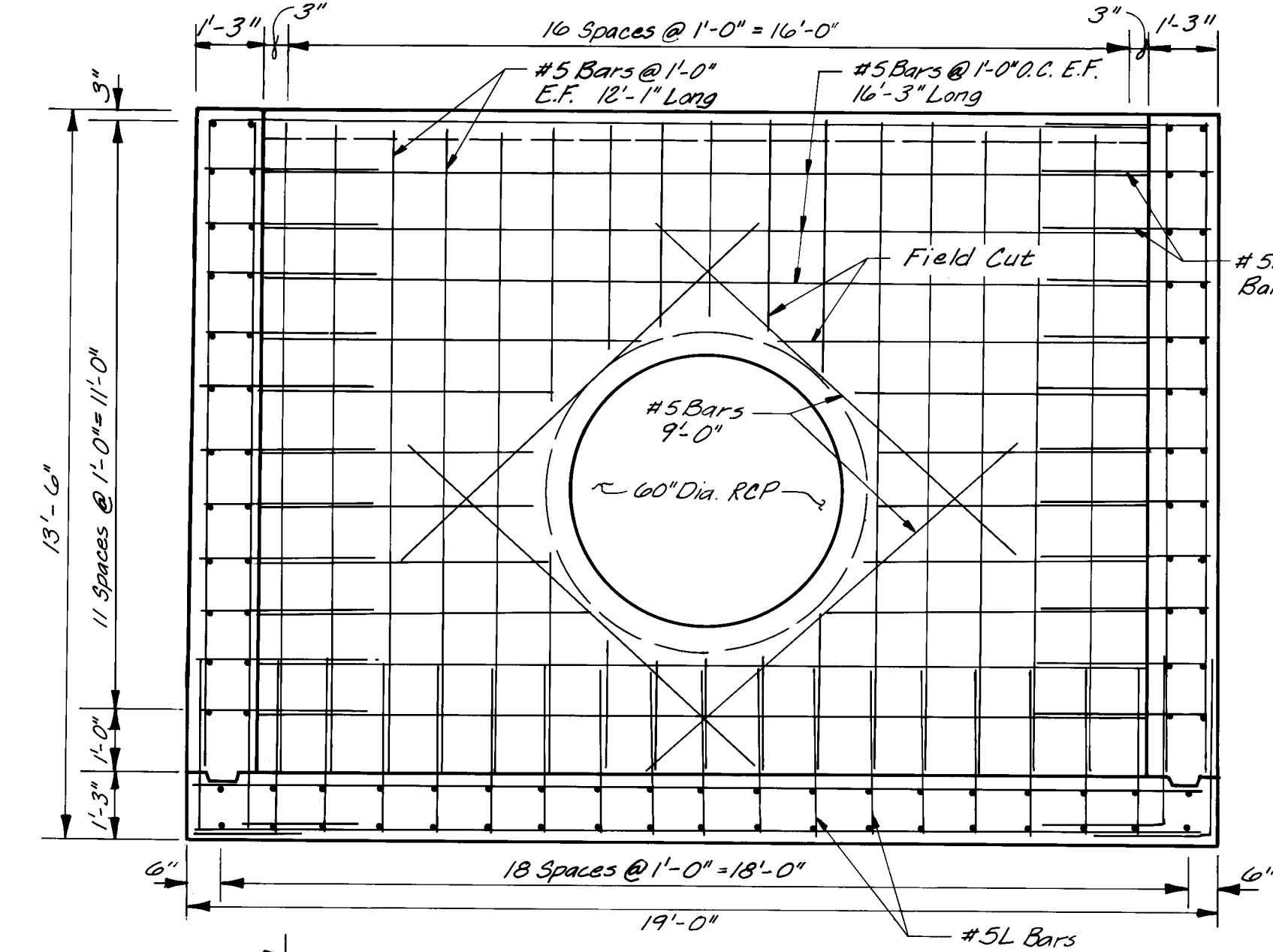
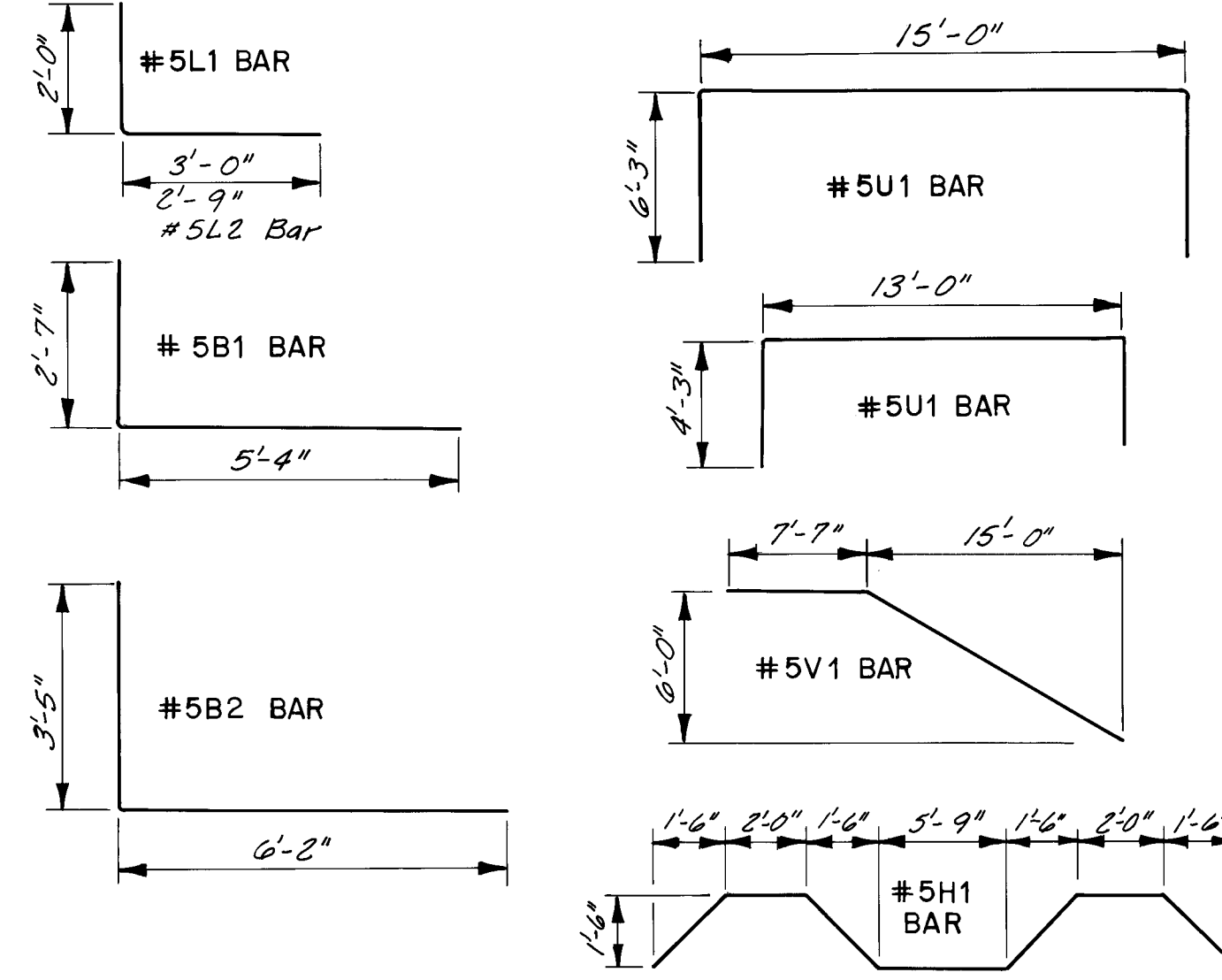
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TESOQUE DRIVE AT MARIPOSA ARROYO IMPACT STILLING BASIN DETAILS					
APPROVAL	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>Rogers</i>	11-1-90	Water	<i>R.W. Kane</i>	10-19-90
Transportation	<i>R.D. Smith</i>	10-11-90	Waste Water	<i>R.W. Kane</i>	10-19-90
Hydrology	<i>D. Allen</i>	11-01-90	Parks & Rec.	<i>D. Selma</i>	10-19-90
DRAWING NO. 4038		MAP NO. D-11		SHEET 16 OF 18	

RECORD DRAWING

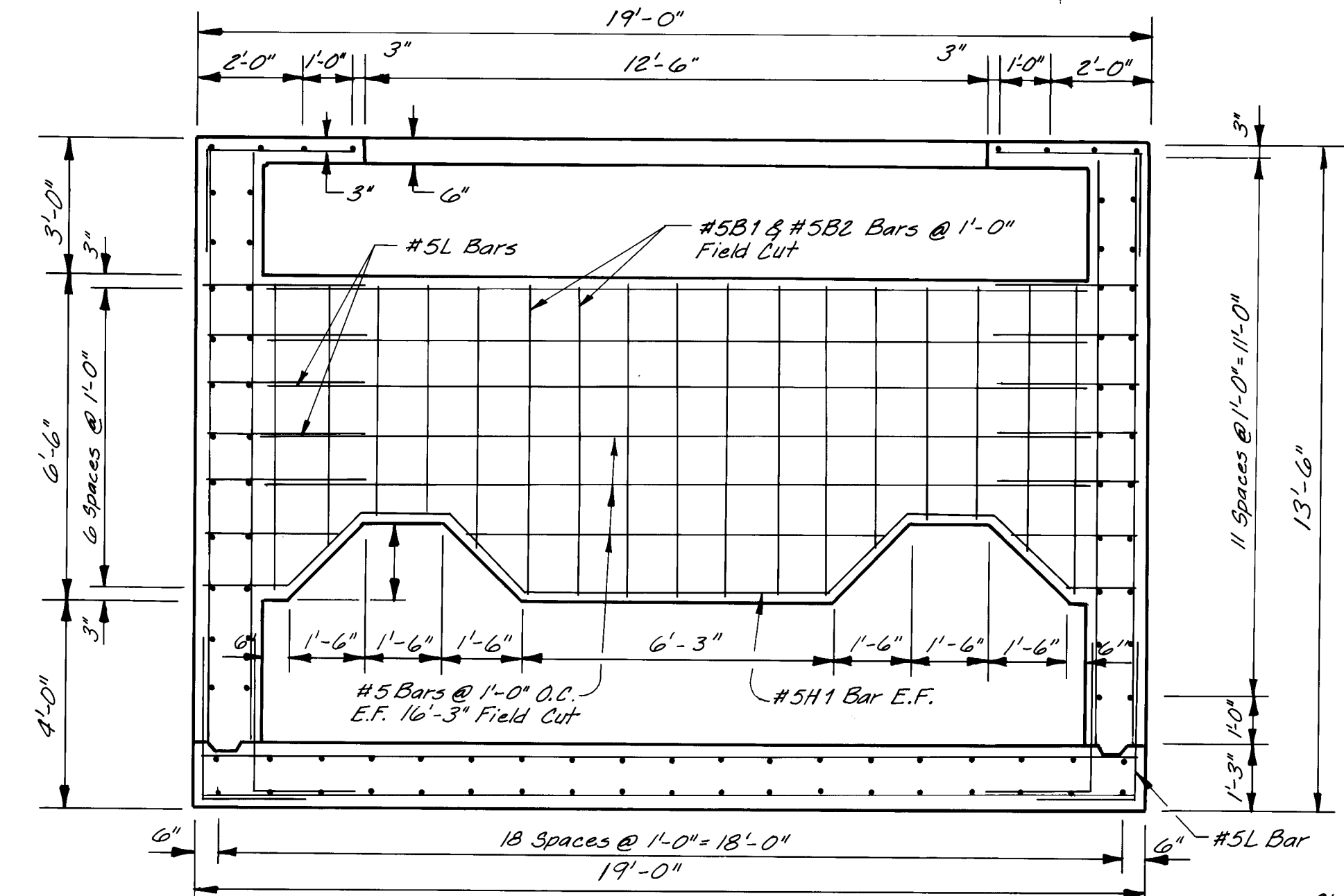


PLAN VIEW - IMPACT STILLING BASIN

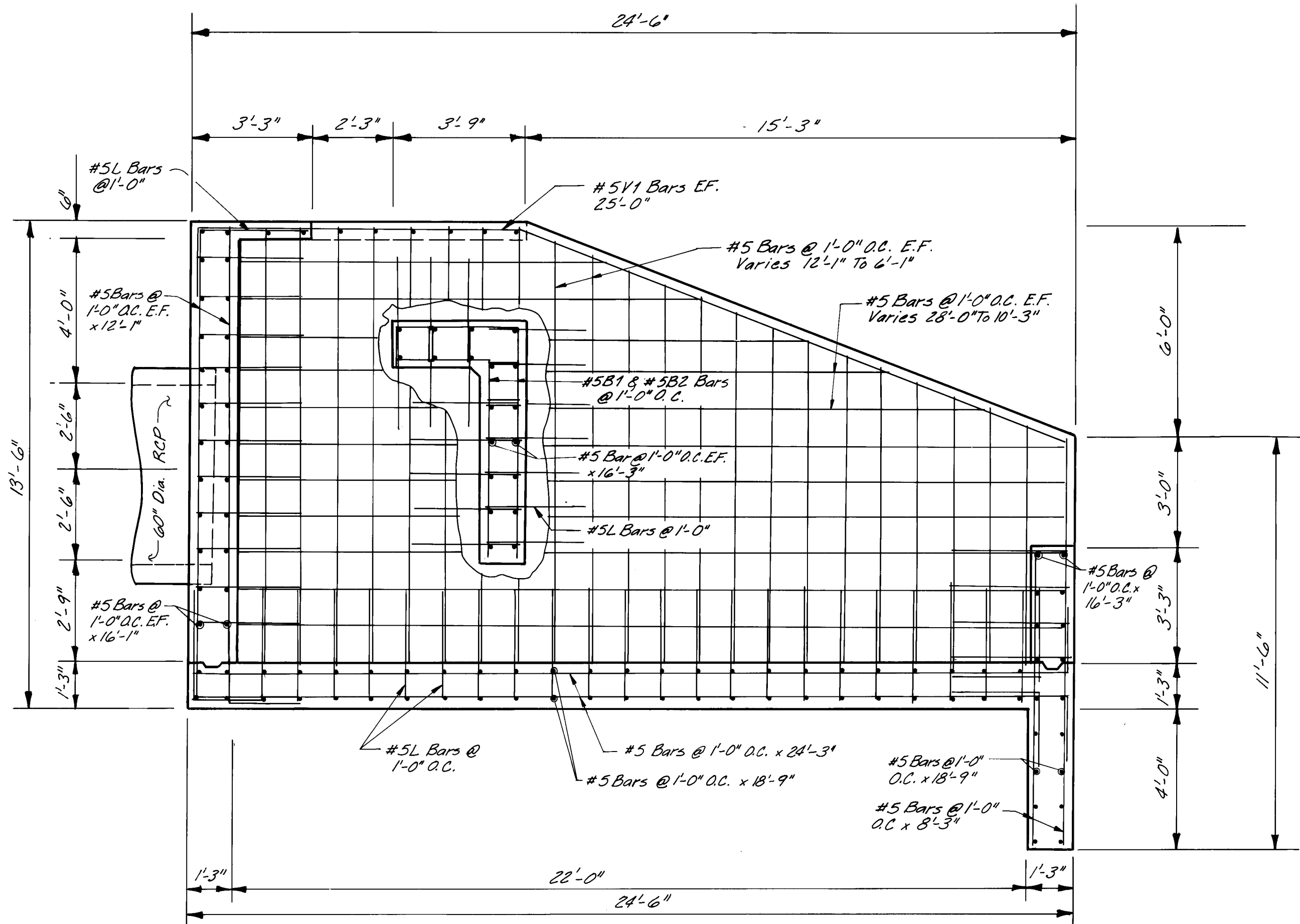
BAR BENDING DIAGRAM



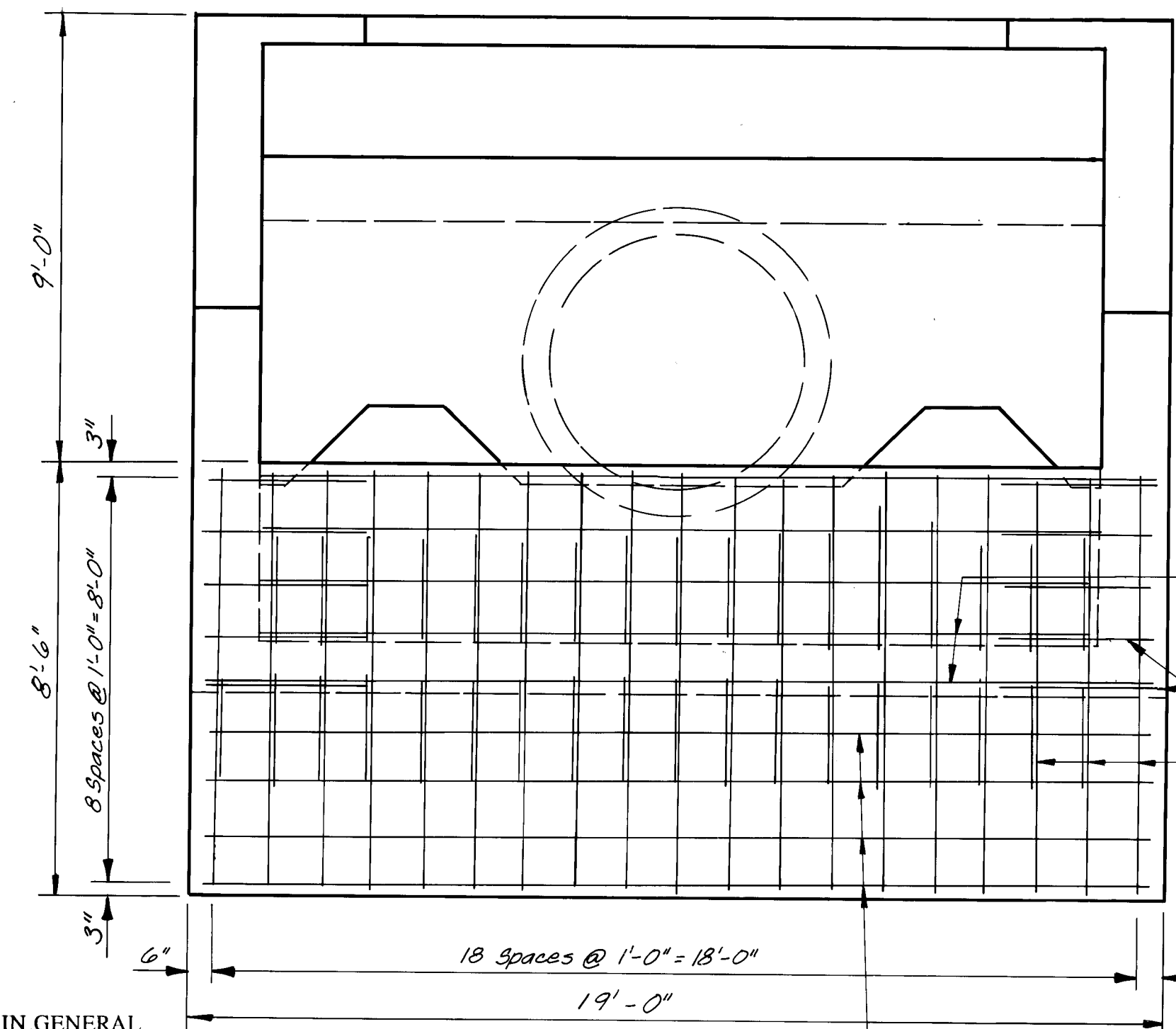
SECTION A-A



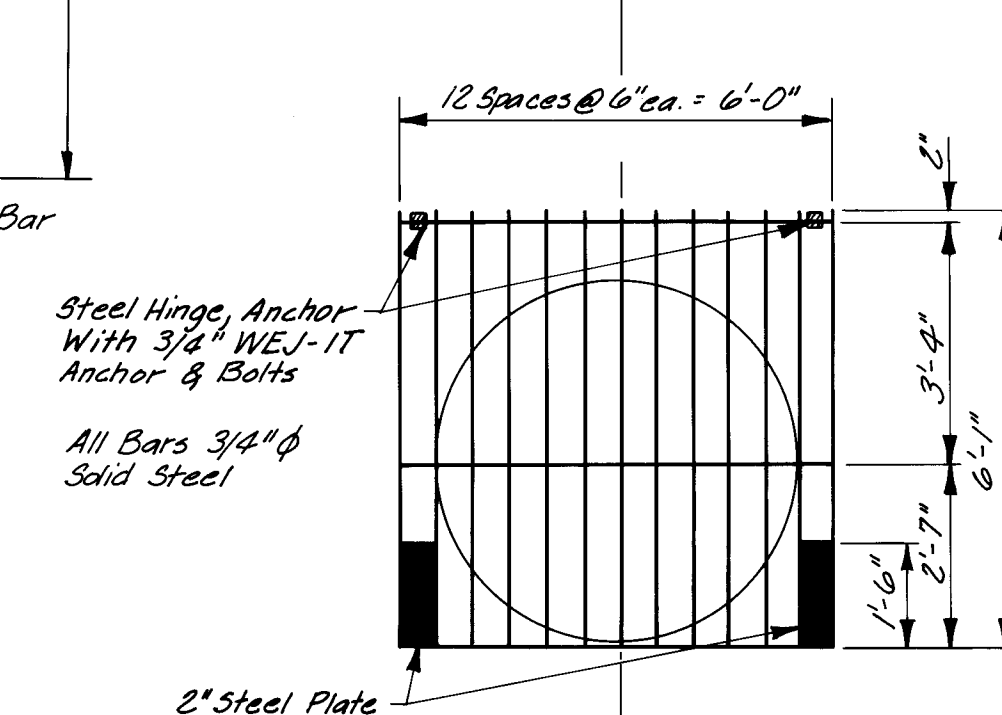
SECTION B-B



SECTION D-D



SECTION C-C



SAFETY GRATE DETAIL
Note: Cost of Grate is Incidental To The Concrete.

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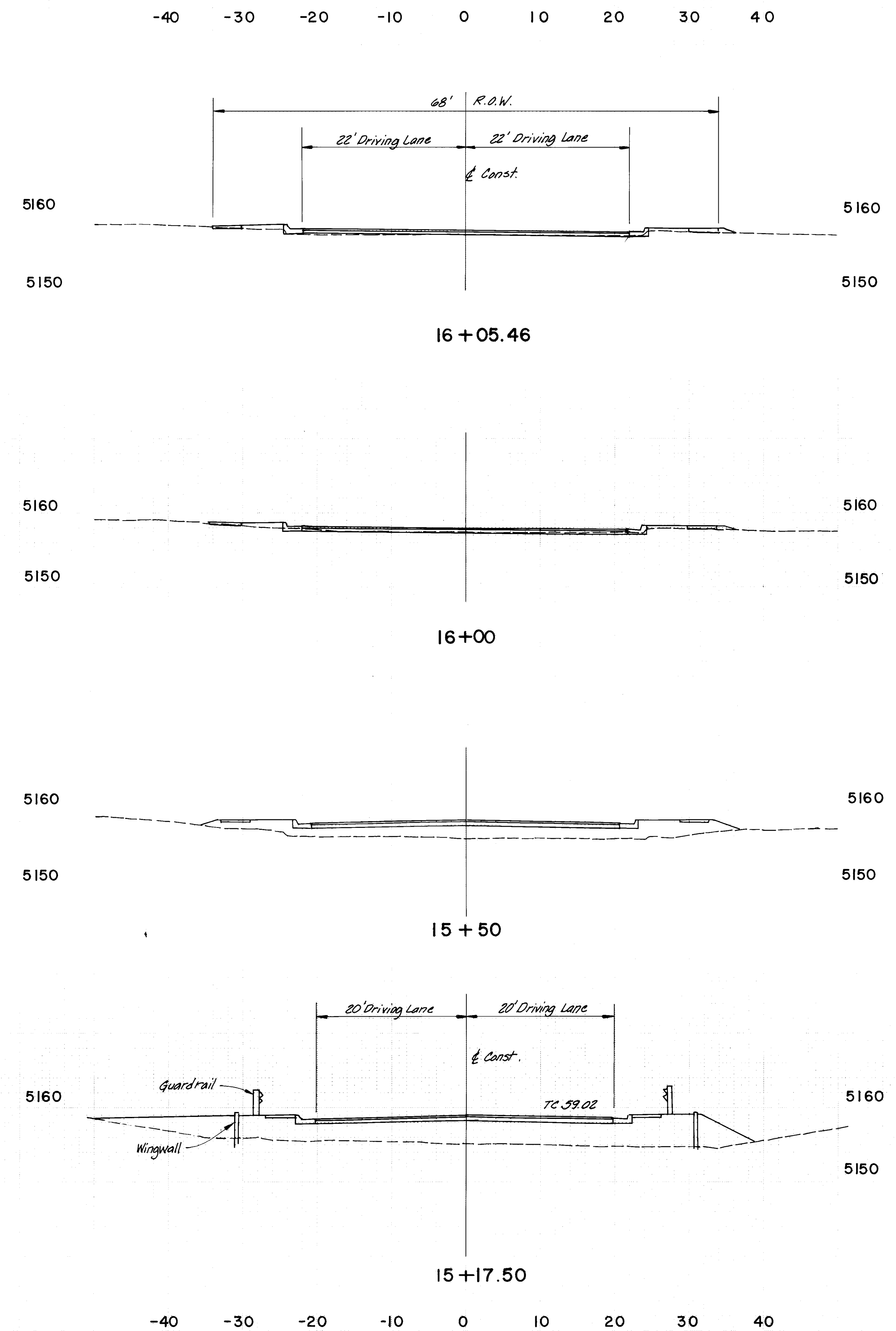
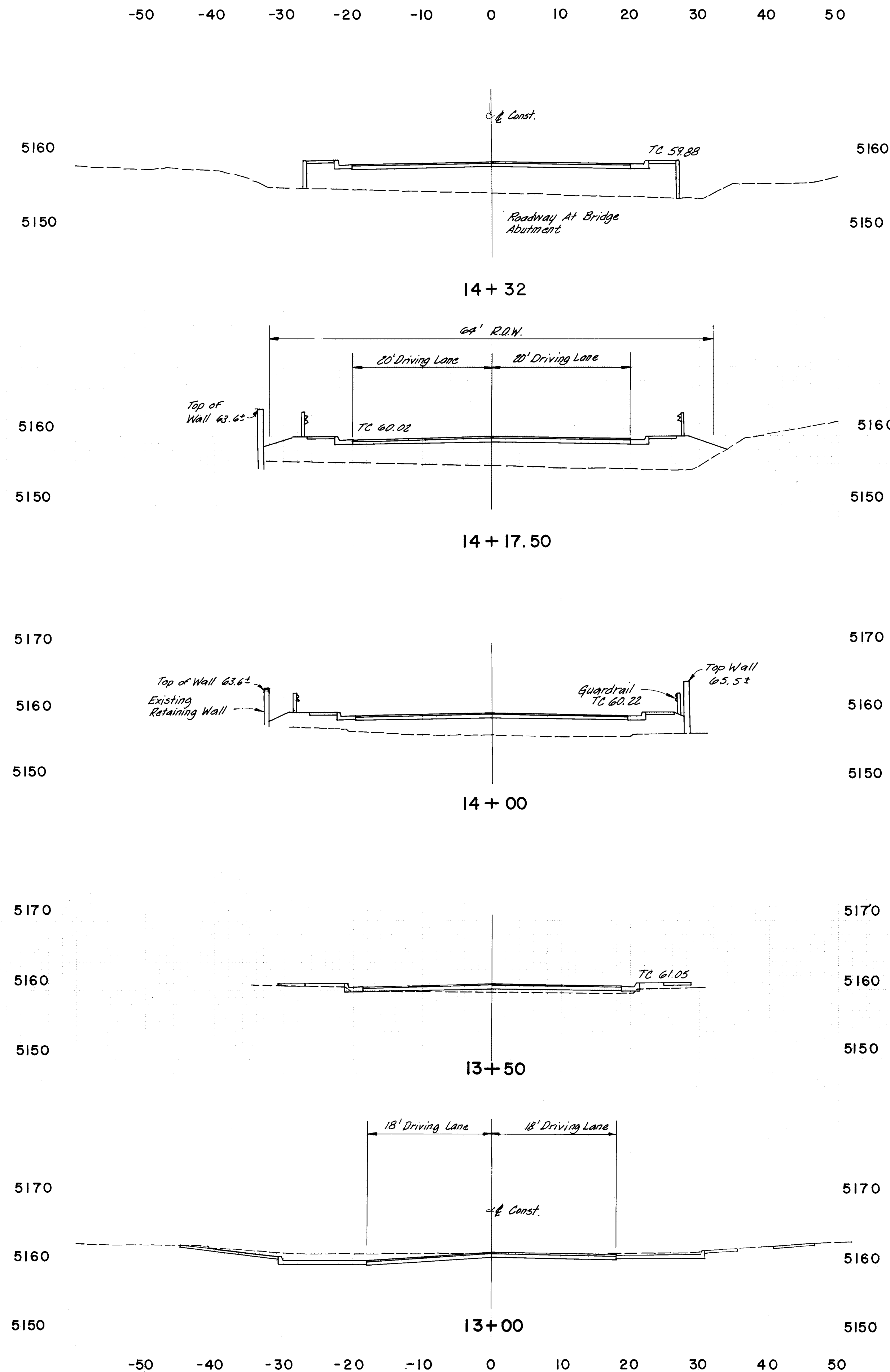
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO IMPACT STILLING BASIN DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roy & Green	11-1-90	Water	R.W. Kane	10-19-90
Transportation	R.W. Kane	10-19-90	Waste Water	R.W. Kane	10-19-90
Hydrology	R.W. Kane	11-01-90	Parks & Rec.	D. Scina	10-17-90
DRAWING NO.	4038	MAP NO.	D-11	SHEET	17 OF 18

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick
JAMES V. DOMENICK, P.E. No. 7643

6/10/91
DATE

ORIGINAL			
SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO _____	AREAS CHECKED _____		



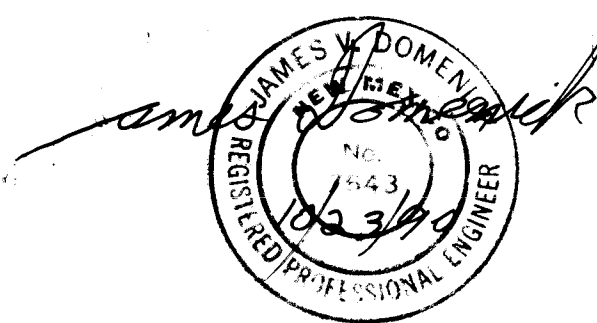
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James V. Domenick 8/10/91
JAMES V. DOMENICK, P.E. No. 7643 DATE

Scale:
 Horiz.: 1" = 10'
 Vert.: 1" = 10'

SCANNED BY
BY LASON

4 FWD Maps & Records											
	4	5	6	7	8	9	10	11	1		
26	4	0	3	8	1	8	9	1			

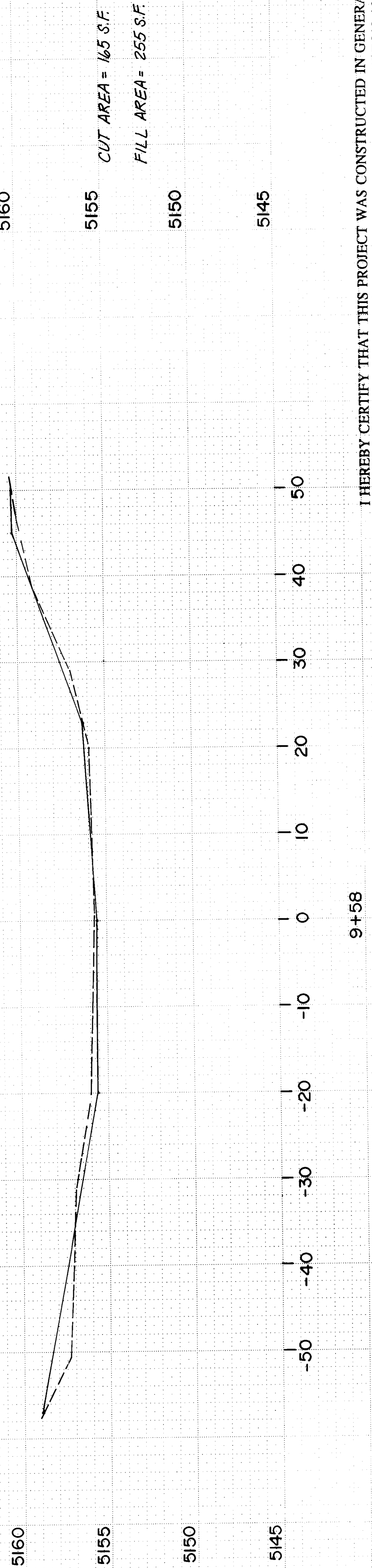
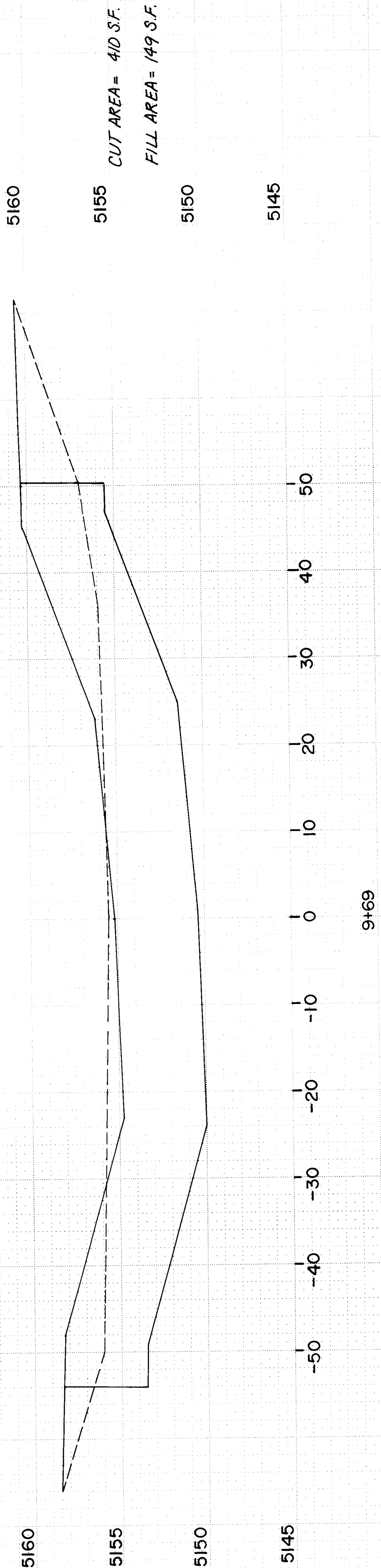
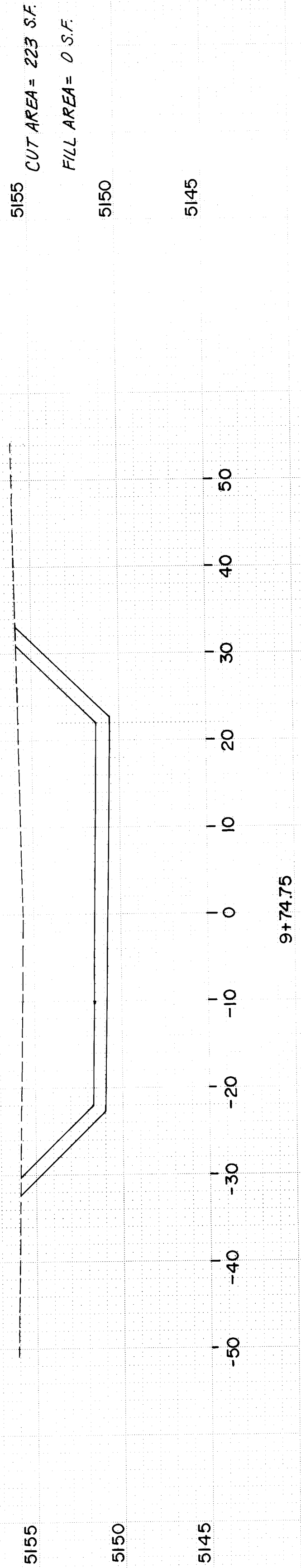
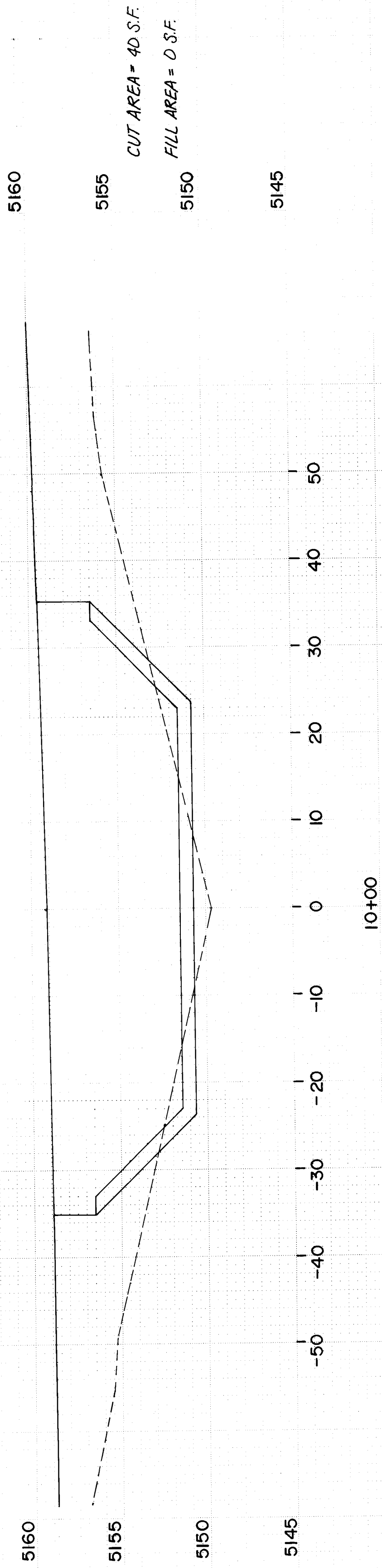
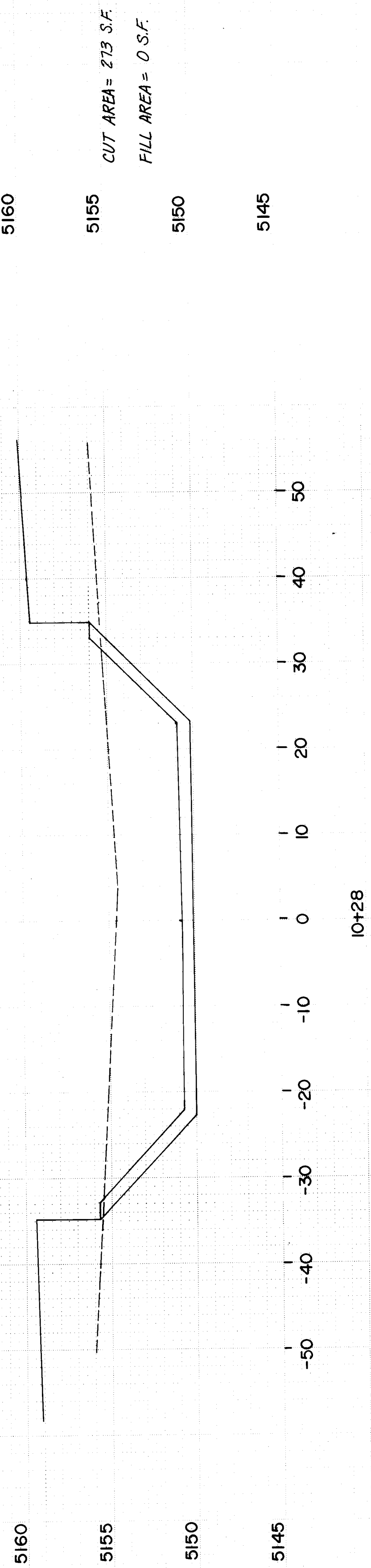


CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: TESUQUE DRIVE AT MARIPOSA ARROYO ROADWAY CROSS-SECTIONS			
DRAWING NO. 4038	MAP NO. D-11	SHEET 18 NO. 18	

RECORD DRAWING

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED DATE AREAS CHECKED	BY	DATE
--	--	----	------

FINAL SURVEY NOTE BOOK NO.	SURVEYED AREA TEMPLATE AREAS CHECKED	BY	DATE
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C of A PWD Maps & Records
26 4038 1991

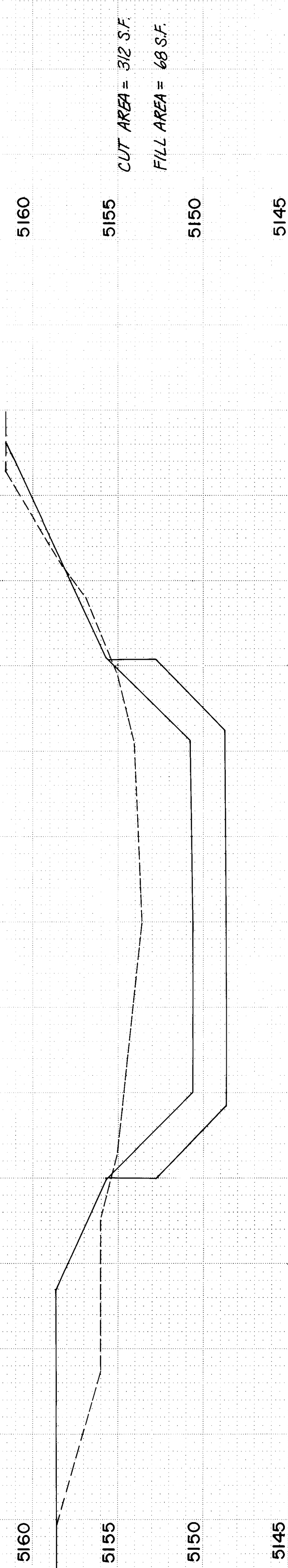
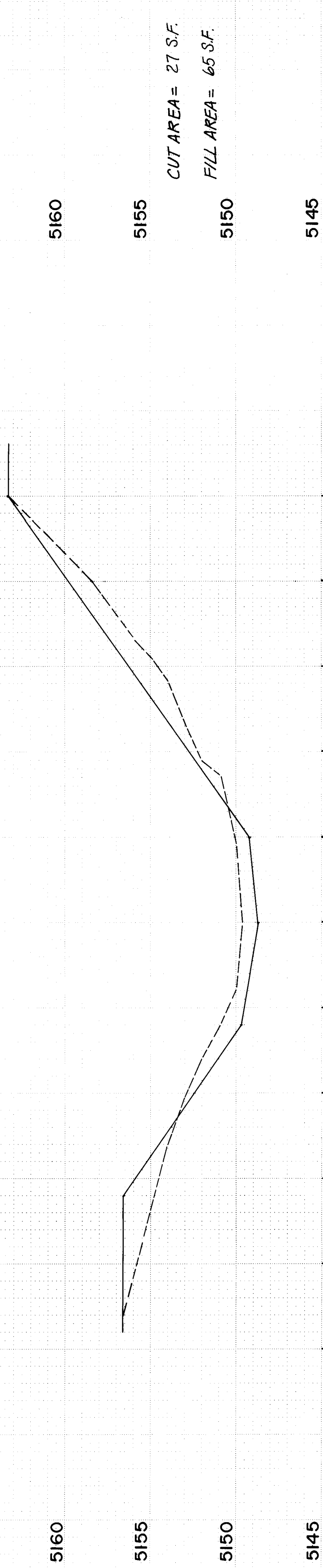
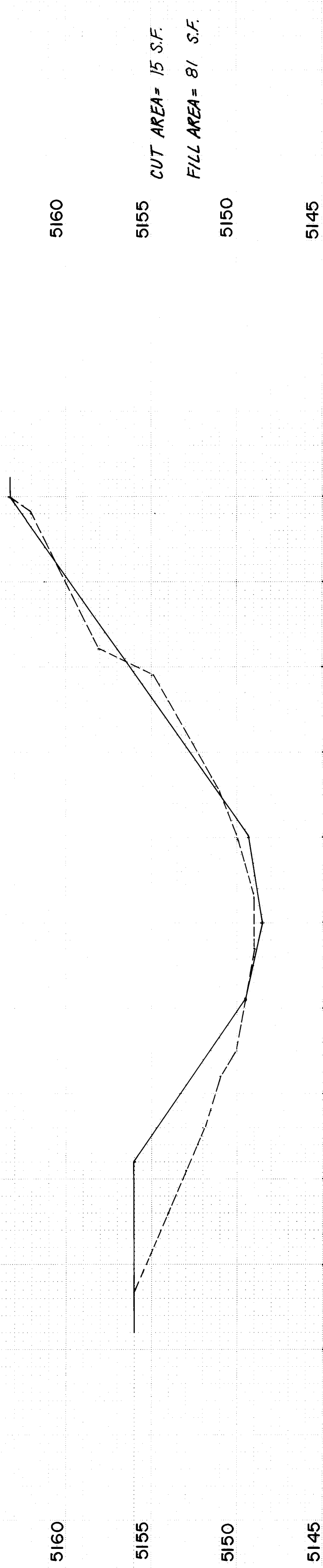
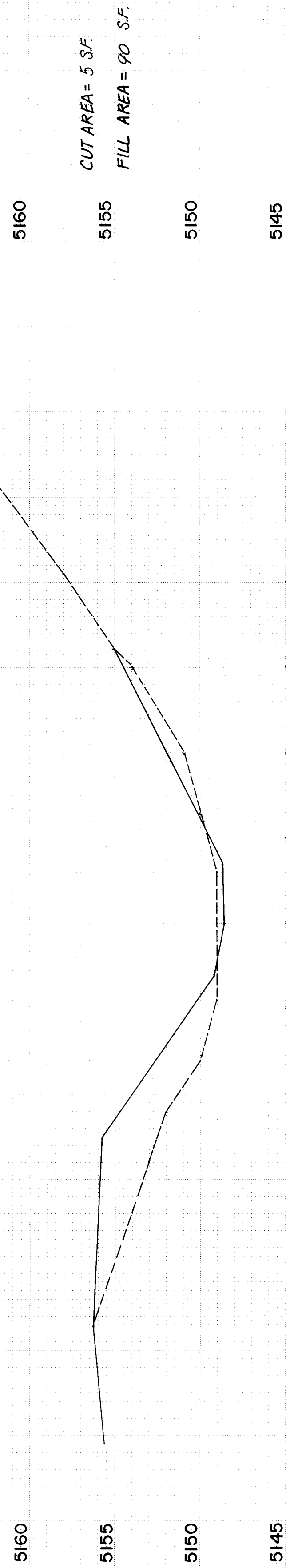
SH-19

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick
JAMES V. DOMENICK, P.E. No. 7643
DATE 6/27/91

ORIGINAL	SURVEYED	BY	DATE
SURVEY	AREA		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

FINAL	SURVEYED	BY	DATE
SURVEY	AREA		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



C of A PWD Maps & Records
26 40382091

SH. 20

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick
JAMES V. DOMENICK, P.E. No. 7643
DATE 5/27/91

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	AREAS		
NO.	AREAS CHECKED		

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

6160

6155

6150

6145

CUT AREA = 36 S.F.

FILL AREA = 75 S.F.

5160

5155

5150

5145

CUT AREA = 2 S.F.

FILL AREA = 110 S.F.

26 403812191

SH. 21

I HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS SHOWN HEREON AND THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

James V. Domenick
JAMES V. DOMENICK, P.E. No. 7643

DATE

6/27/91