

PLAN	SURVEYED _____		BY _____	DATE _____
	NOTE BOOK _____	ALIGNED CHECKED _____		
NO. _____	RT OF WAY CHECKED _____			

PROFILE	SURVIVED	BY	DATE
	ADMITTED		
	GRADES CHECKED		
	B M NOTED		

The drawing illustrates a sewer system layout across three distinct sections:

- STUB EAST - LINE D:** This section covers stations 7 to approximately 9+00. It features a proposed future street crossing over the sewer line. Key components include a manhole at station 8+00 (RIM 41.40) and a pipe segment labeled "FURNISH CONCRETE CAP PER DETAIL THIS SHEET".
- LINE C:** This central section spans from station 9+00 to 12+00. It shows a continuous sewer line with several manholes. Notable features include a "PROPOSED FUTURE STREET" crossing, a "DROP MH.", and a "PROPOSED 30' RCP" segment. Elevations are closely monitored, with notes like "INV. 20.91 S" and "INV. 20.91 N".
- STUB WEST - LINE D:** This section extends from station 12+00 to 15+00. It includes a "MATCH PROFILE - SHEET 7" and a "STA 29+42 LINE D". A significant feature is a large pipe segment labeled "56.00 LF 8\" VCP @ 2.07%".

Throughout the plan, various annotations provide specific details:

- Pipe Segments:** Labeled with length, diameter, and slope (e.g., "211.04 LF 8\" VCP @ 0.81%", "55.00 LF 8\" D.P.F. @ 2.68%", "56.00 LF 8\" VCP @ 2.07%").
- Manholes (MH):** Located at specific stations with rim elevations (e.g., "MH STA 37+00 LINE D", "MH STA 39+00 LINE D").
- Elevations:** Vertical alignment is shown with spot heights (e.g., "INV. 26.50 S", "INV. 20.91 S") and benchmarks.
- Proposed Features:** Includes "PROPOSED FUTURE STREET", "PROPOSED 30' RCP", and "TOP OF CURB PROFILE".
- Existing Infrastructure:** Notes such as "EXIST. 24\" W.M.", "8\" AC WATER MAIN", and "NATURAL GROUND" are included.

PROJECT #2 PROJECT #3

STREET

E CURVE DATA			
R	Δ	L	T.
390.80	41° 04' 19"	280.14'	141.68

PROJECT #2, PROJECT #3

NOTE:

CONTRACTOR SHALL CUT PIPE TO REQUIRED PROFILE USING CHISEL TIPPED JACK HAMMER AND LEAVING A 2" RECESSON FROM CHANNEL SIDEWALL. PIPE REINFORCEMENT SHALL THEN BE CUT LEAVING 1" EXPOSED, AND A SMOOTH 2" MORTAR RIM SHALL BE APPLIED ONCE IN PLACE (AND PRIOR TO POURING CHANNEL CONCRETE) CONTRACTOR SHALL ISOLATE PIPE WALL FROM CHANNEL SIDEWALL USING 1/2" EXPANSION JOINT MATERIAL.

APPROVED REV. 1
R84ch 5/28/8

OSO GRANDE SUBDIVISION

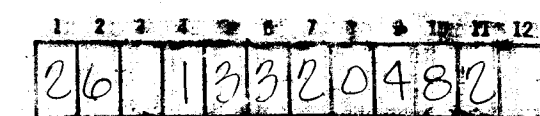
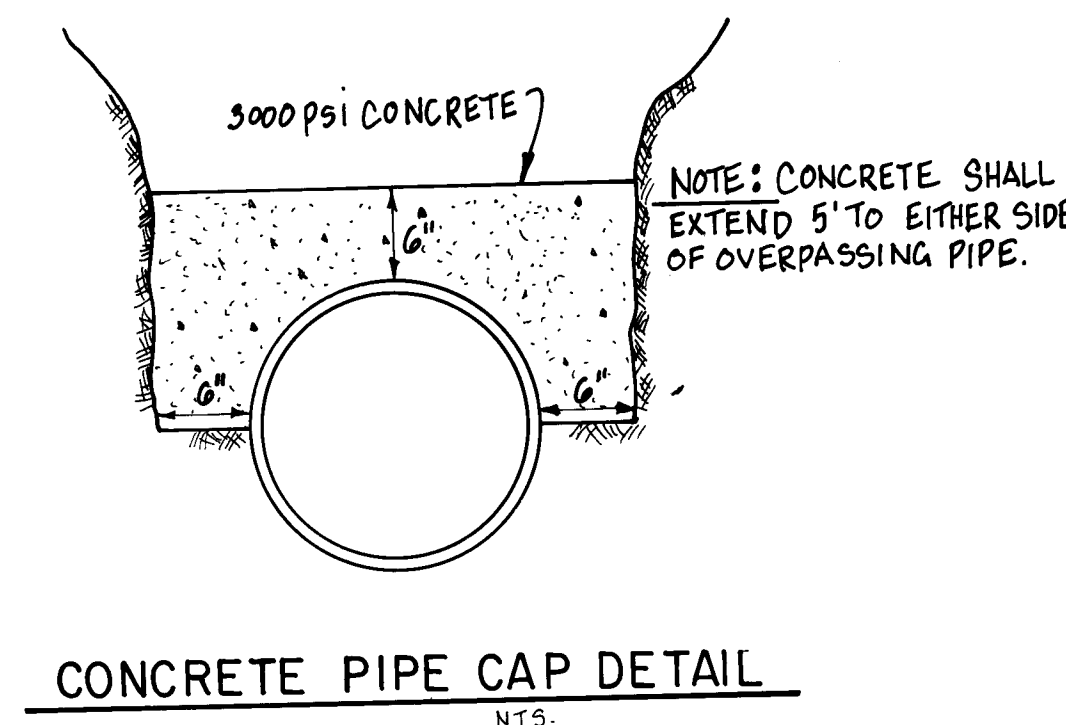
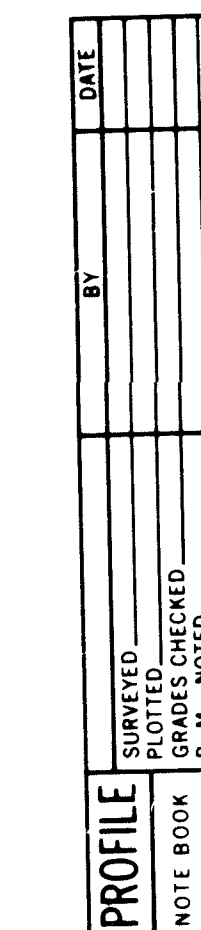
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PROJECT # 3
UTILITY PLAN AND PROFILE
MORRIS ST., N.E.

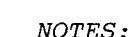
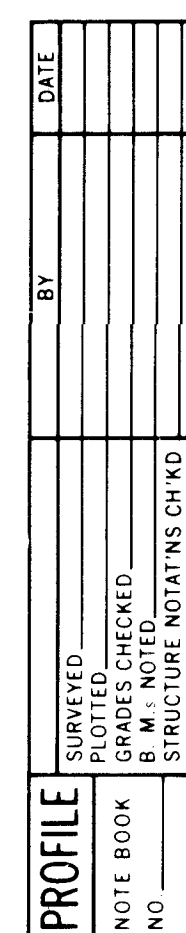
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>R. H. [Signature]</i>	11/1/82	Liquid Waste	<i>[Signature]</i>	11/1/82
A.C.E.-Design	<i>[Signature]</i>	22 May 82	Traffic	<i>M. R. [Signature]</i>	
A.C.E.-Hydrology	<i>[Signature]</i>	1/1/82	Water	<i>[Signature]</i>	1/1/82

DRAWING NO.	1332	SHEET 3 OF 12
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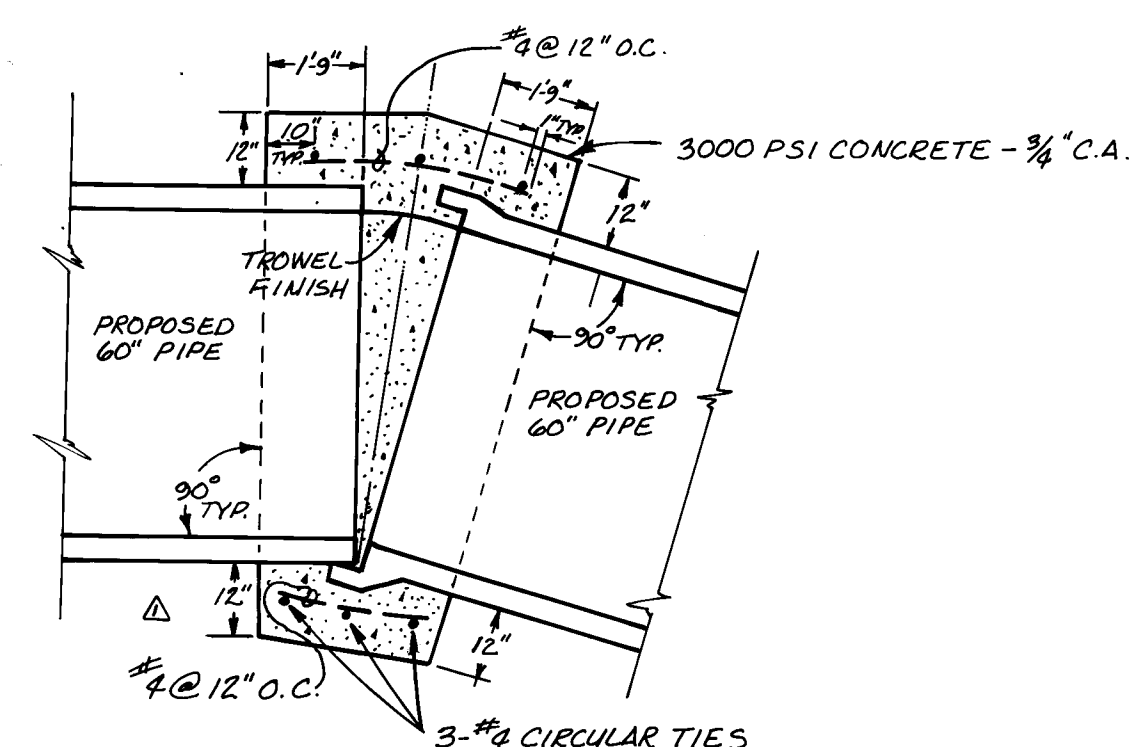
PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



CITY OF ALBUQUERQUE					
MUNICIPAL DEVELOPMENT DEPARTMENT					
ENGINEERING DIVISION					
TITLE:		PROJECT # 3			
		STORM SEWER PLAN AND PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>RORIE</i>	<i>2/1/82</i>	Liquid Waste	<i>O. Marshall</i>	<i>12/22/81</i>
A.C.E.-Design	<i>W. B. B. B.</i>	<i>12/22/81</i>	Traffic	<i>N.A. B. B.</i>	
A.C.E.-Hydrology	<i>W. B. B. B.</i>	<i>12/22/81</i>	Water	<i>O. Marshall</i>	<i>repts.</i>
DRAWING NO.			SHEET 4 OF 12		
1332					



- 1) Stations on Drop Inlets refer to center of grate.
- 2) Inv. elevations for pipe refer to "theoretical projection" at center of manhole or inlet, or as shown in details for junction boxes. Slope and distance data on profiles refers to these center of structure locations and pipe elevations at structure walls shall be projected accordingly.
- 3) All RCP shall be Class IV, Wall B, unless otherwise noted.
- 4) Where mitered ends are required on RCP due to vertical and/or horizontal angle intersections with inlets, pipe shall be either chisel "scored" to the required angle or saw-cut with a concrete saw.
- 5) Unless noted otherwise pipes at inlets center on intersecting face.
- 6) Contractor shall field excavate all crossing points with existing utilities and verify that clearance is available as shown before installing any improvements.
- 7) All inlets which receive flow from other inlets upstream shall be furnished with brick and mortar benchmark to provide a continuous invert across the inlet. Benchmark inverts shall be constructed to the widths and depths of the inflow and outflow pipes.
- 8) Invert elevations for drop inlets refer to pipe inverts, and inlet floors will be constructed accordingly to provide the required clearance for full concrete.

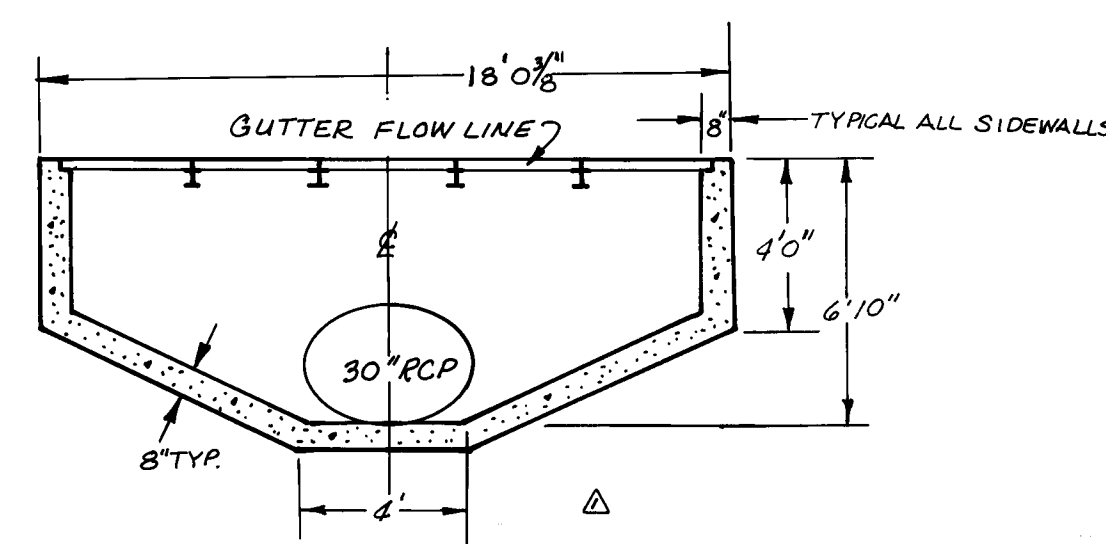


FIELD FABRICATED BEND

nts

1" = 50' HORIZ.
1" = 10' VERT.

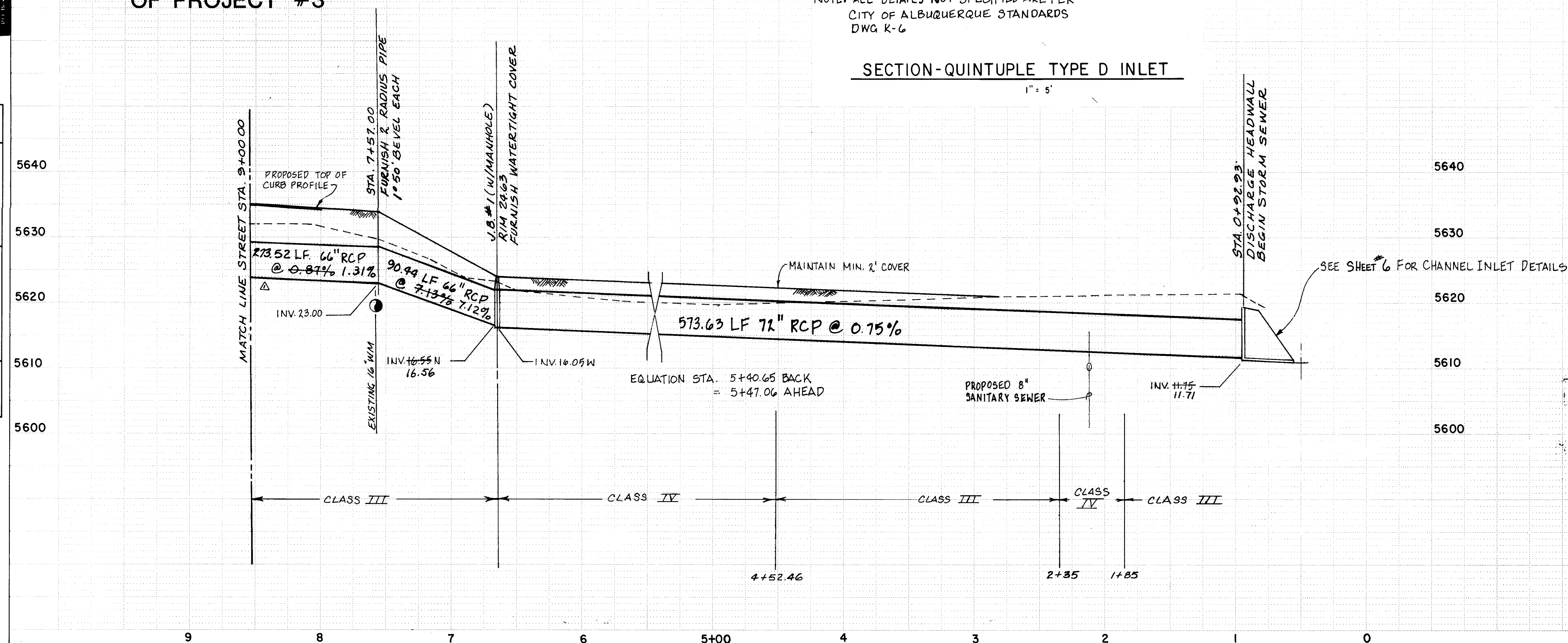
ALL WORK THIS SHEET IS A PART
OF PROJECT #3



NOTE: ALL DETAILS NOT SPECIFIED ARE PER
CITY OF ALBUQUERQUE STANDARDS
DWG K-6

SECTION-QUINTUPLE TYPE D INLET

1" = 5'



OSO GRANDE SUBDIVISION



**APPROVED FOR
CONSTRUCTION**

CITY ENGINEER

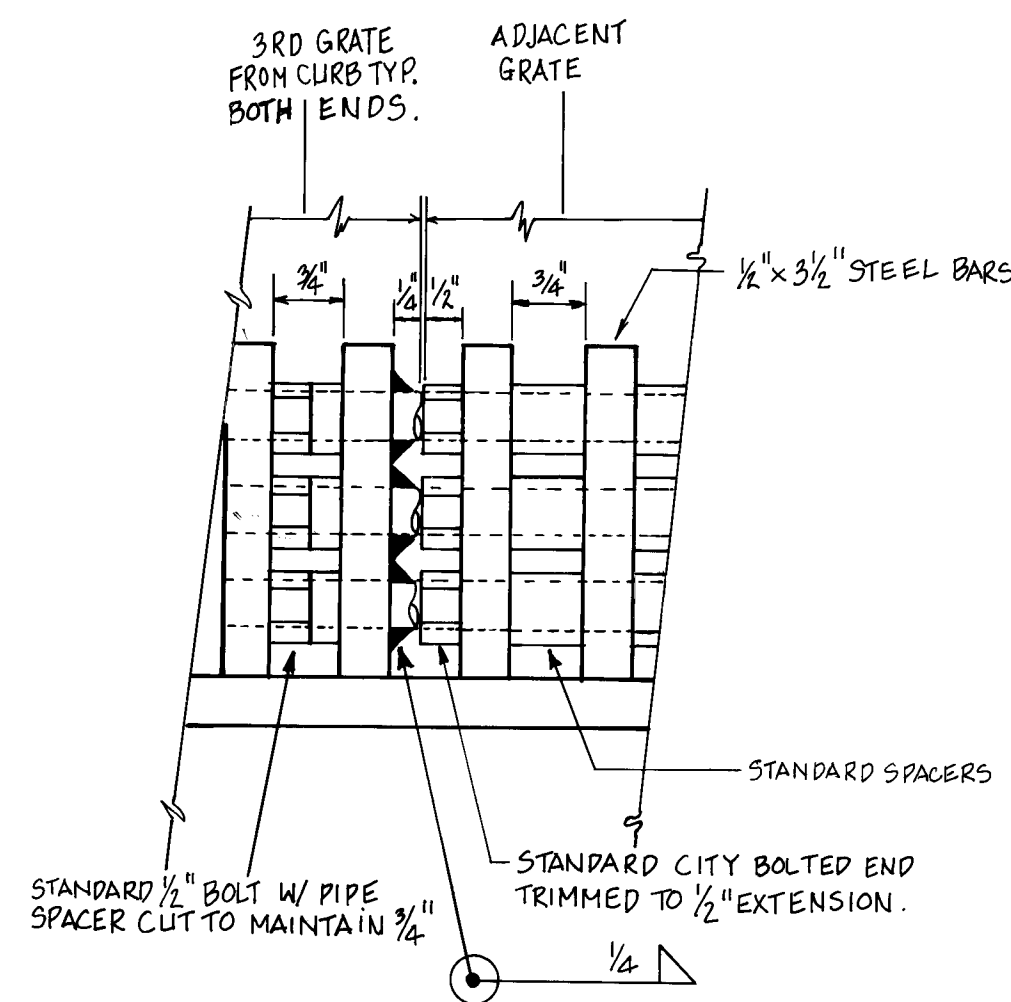
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PROJECT # 3
STORM SEWER PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>R. R. [Signature]</i>	2/1/82	Liquid Waste	<i>A. R. [Signature]</i>	12/22/81
A.C.E. Design	<i>[Signature]</i>	12/22/81	Traffic	<i>A. R. [Signature]</i>	
A.C.E. Hydrology	<i>[Signature]</i>		Water	<i>A. R. [Signature]</i>	12/22/81

DRAWING NO.	1332
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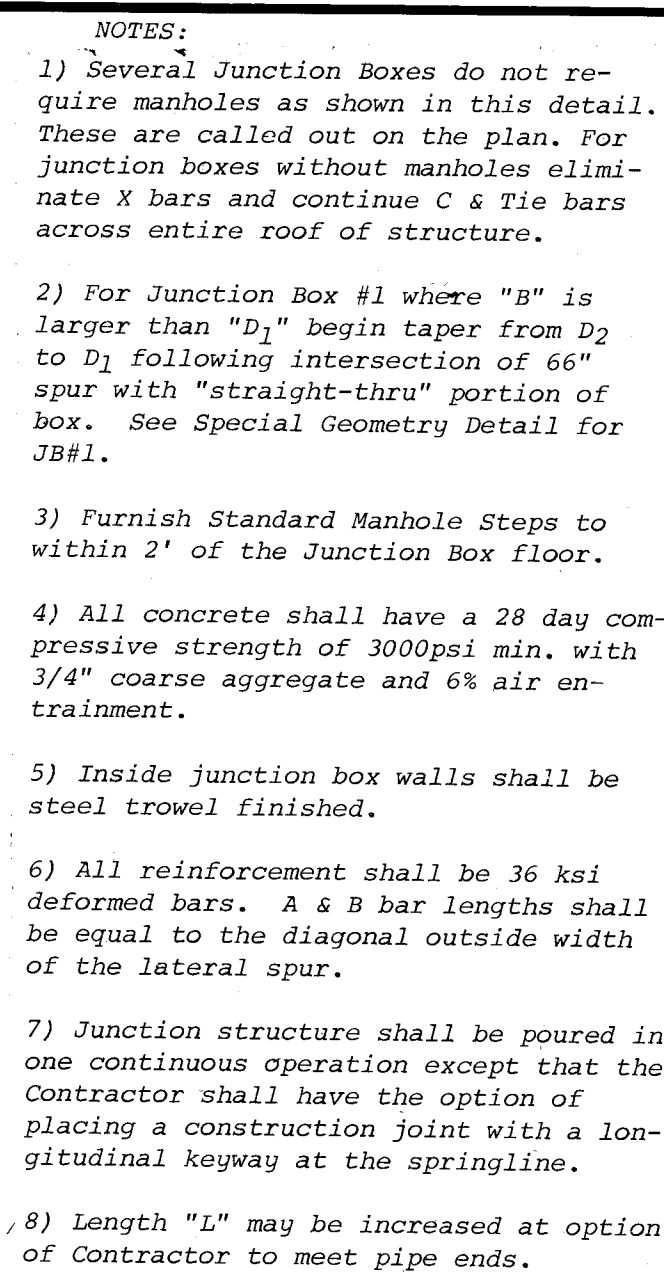
SHEET 5 OF 12



GRATE SPACING DETAIL

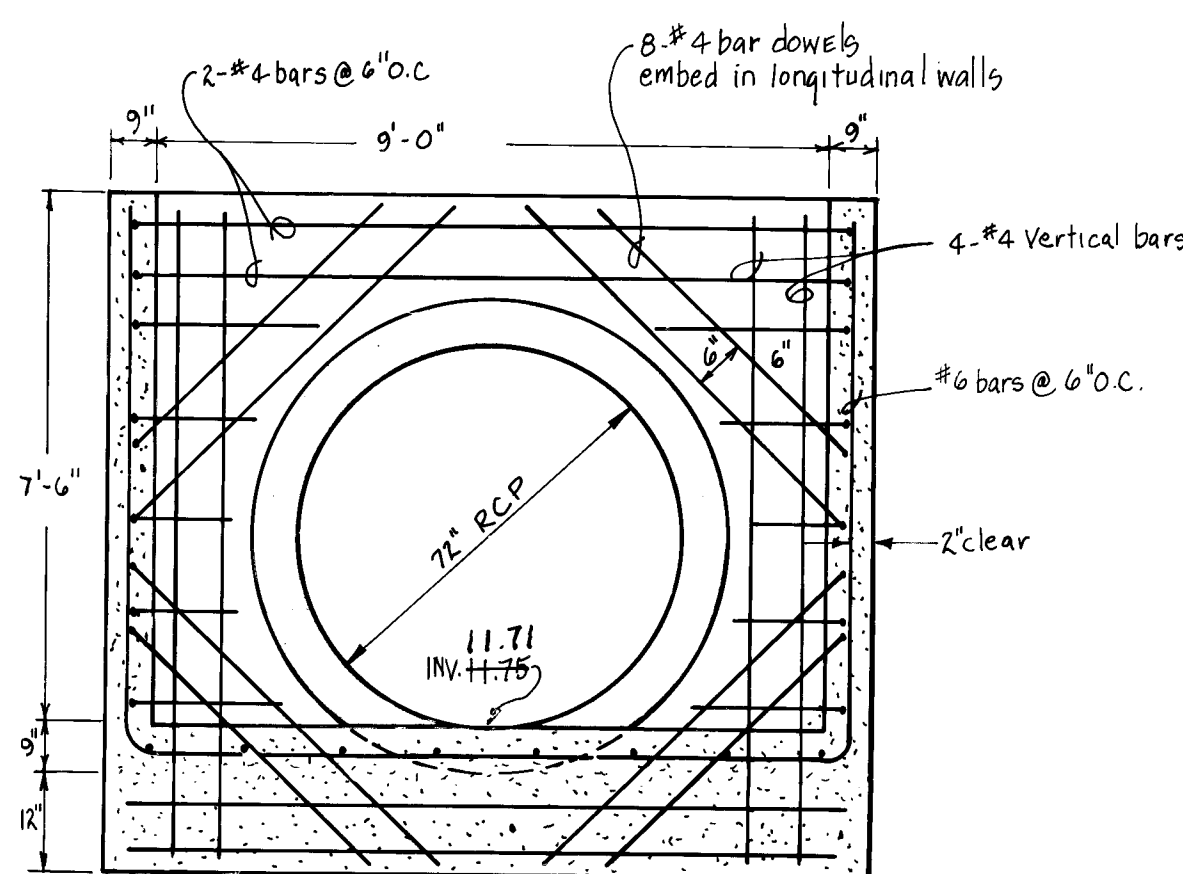
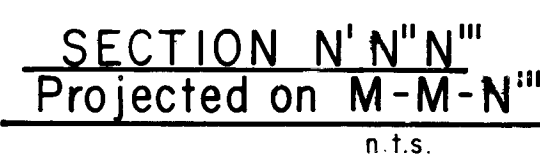
NOTE: ALL DETAILS NOT SPECIFIED SHALL BE IN ACCORDANCE W/ CITY OF ALBUQUERQUE STANDARD DRWGS. K-3, K-8, AND K-9.

QUADRUPLE TYPE B INLET

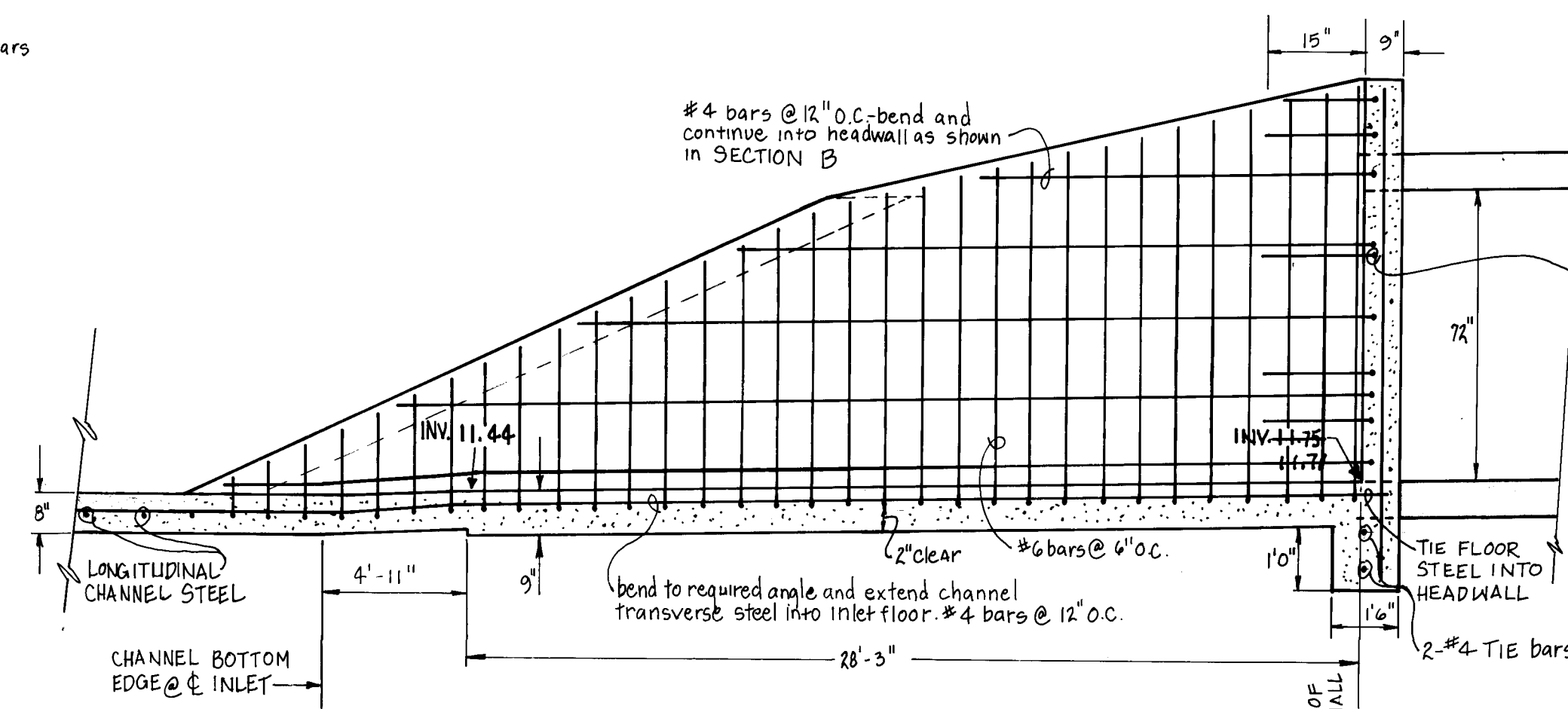


SECTION G-G
n.f.s.

JUNCTION BOX DETAILS



SECTION B-B
n.f.s.



SECTION A - A
n. t. s.

PIPE INLET DETAILS

JUNCTION BOX SPECIFICATIONS																			
JUNCTION BOX	GEOMETRIC								SCHEDULE				REINFORCEMENT				SCHEDULE		
	D ₁	D ₂	B	C	L	E	H	F	T	A	Elev.R	Elev.S	Elev.Q	Elev.U	Tie Bars	A & B Bars	C Bars	X Bars	F Bars
1	42"	72"	66"	9'0"	14'6"	12'0"	8'6"	11"	10"	62°23'29"	17.19	18.25	19.55	16.03	#4 @ 12" o.c.	5-#4 bars @ 3" o.c.	#6 @ 6" o.c.	#4 bent to octagon	#6 @ 6" o.c.
2	60"	66"	36"	11'3"	9'1 1/2"	8'1 1/2"	4'6"	10.5"	6.5"	45° Δ	28.85	26.88	26.00	25.37	#4 @ 12" o.c.	5-#4 bars @ 3" o.c.	#6 @ 6" o.c.	#4 bent to octagon	#4 @ 9" o.c.
3	54"	60"	36"	7'7"	9'0"	8'0"	4'6"	9.5"	6.5"	54°	39.82	38.70	37.93	37.18	#4 @ 12" o.c.	5-#4 bars @ 3" o.c.	#6 @ 8" o.c.	#4 bent to octagon	#4 @ 9" o.c.
4	48"	54"	36"	9'6"	8'0"	7'0"	N/A	9"	6.5"	45°	41.84	40.80	40.01	39.27	#4 @ 12" o.c.	5-#4 bars @ 3" o.c.	#6 @ 8" o.c.	N/A	#4 @ 9" o.c.
5	42"	48"	36"	9'6"	8'0"	7'0"	N/A	8"	6.5"	45°	43.85	42.80	42.24	41.57	#4 @ 12" o.c.	5-#4 bars @ 3" o.c.	#6 @ 8" o.c.	N/A	#4 @ 9" o.c.
6	30"	42"	30"	6'9"	7'3"	6'5"	N/A	7.5"	6"	45° Δ	23.41	21.97	22.54	20.89	#4 @ 12" o.c.	5-#4 bars @ 3" o.c.	#6 @ 9" o.c.	N/A	#4 @ 9" o.c.

APPROVED FOR
CONSTRUCTION
CITY ENGINEER

APPROVED REV.
RDA 5/27/82

OSO GRANDE SUBDIVISION

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PROJECT # 3
OSO GRANDE STORM SEWER
DETAILS & SECTIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/1/12	Liquid Waste	N/A	
A.C.E.-Design	<i>[Signature]</i>	28 Jan 82	Traffic	N/A <i>[Signature]</i>	
A.C.E.-Hydrology	<i>[Signature]</i>	12/28/81	Water	N/A	

**DRAWING
NO.**

1332

SHEET 6 OF 12

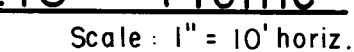
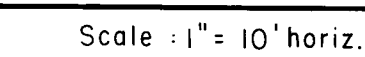
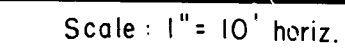
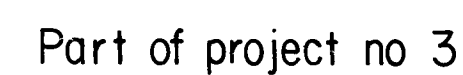
BENCHMARKS		AS BUILT INFORMATION	
BENCHMARK FOR THIS SUBDIVISION IS A.C.S. MONUMENT NO. "4-F21" LOCATED IN THE NORTHWEST QUADRANT OF SPAIN ROAD AT REVENUE "X" CHIS- ROD ON THE SOUTH BOWSET BOLL OF A FIRE HYDRANT. ELEVATION = 5640.084	CONTRACTOR	DATE	
	WORK STARTED BY ACCEPTANCE BY FIELD INSTRUMENT BY CORRECTED BY	DATE DATE DATE DATE DATE	
			MICRO - FILM INFORMATION
	RECORDED BY	DATE	
	NO.		

[illegible][illegible]

NO.	DATE	REMARKS	BY
DESIGN			
DESIGNED BY K/M/W			DATE OCT '98/
DRAWN BY H/L/W			DATE OCT '98/

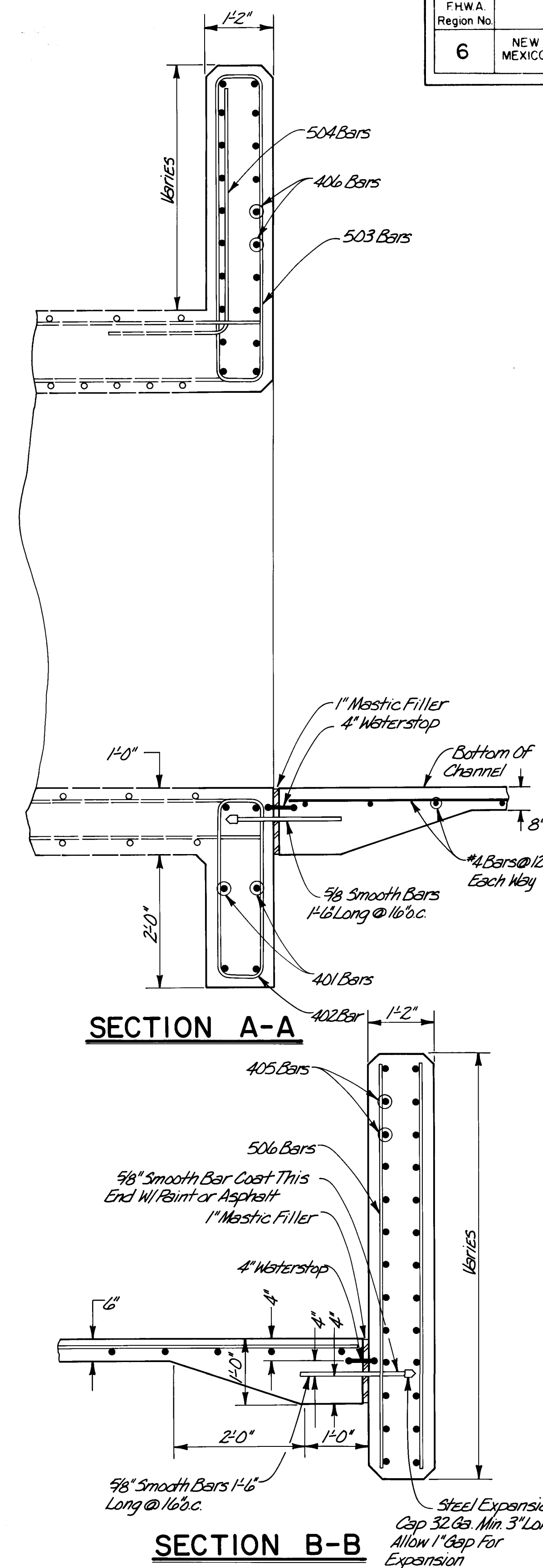
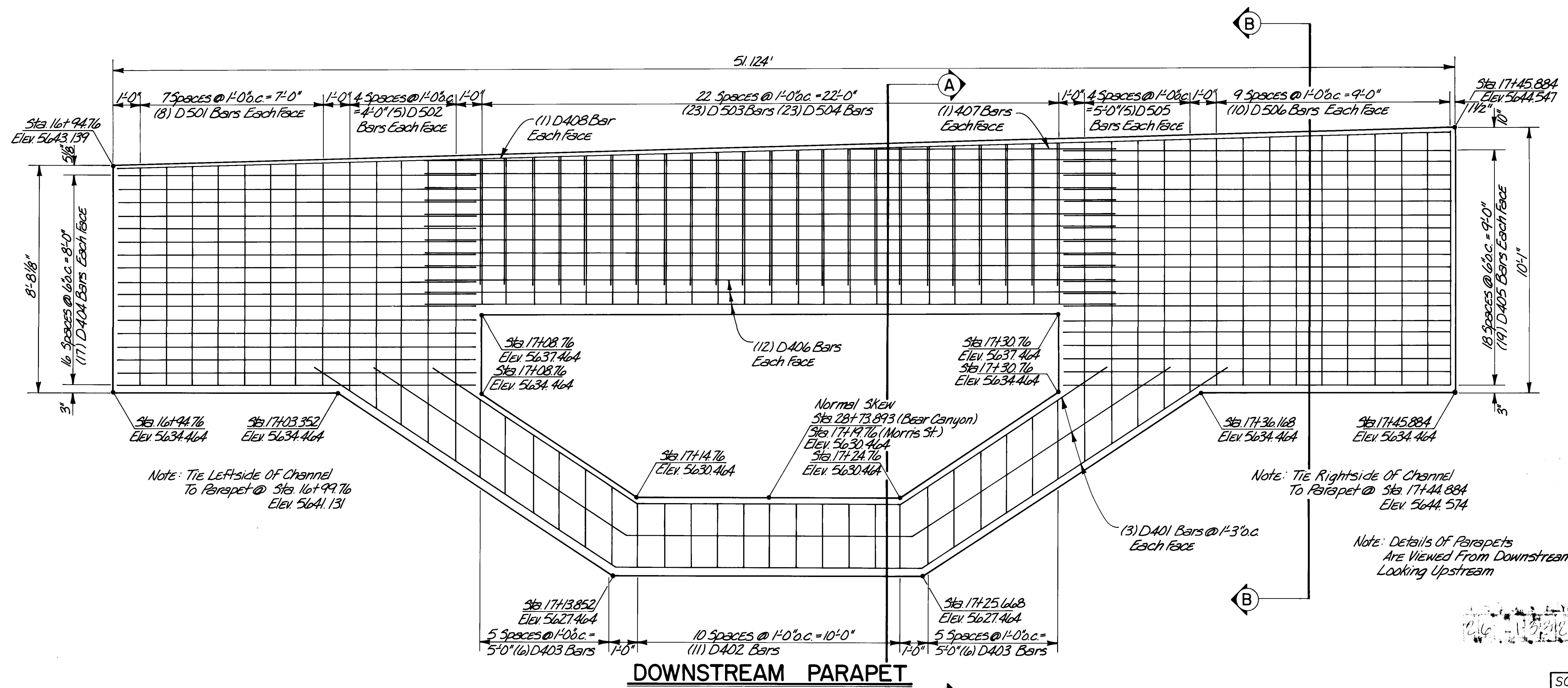
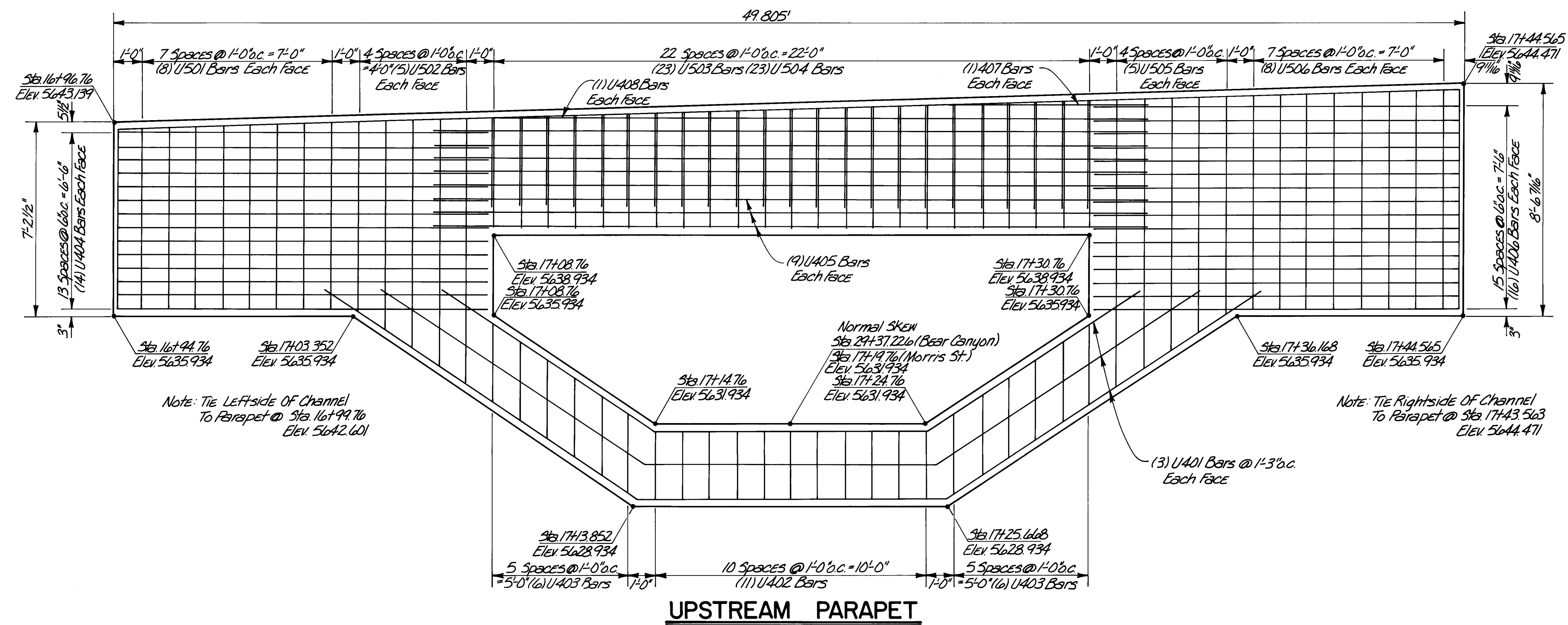


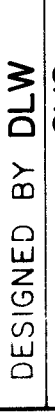
Scale : 1" = 2'



SHEET 7 OF 12

BENCHMARK FOR THIS SUBDIVISION IS
A.C.S. MONUMENT NO. "14-F21" LOCATED
AT THE NORTHWEST QUADRANT OF SPAIN
ROAD AT REVI DON DRIVE - "X" THIS-
EIELED ON THE SOUTH BONNET BOLT OF A
FIRE HYDRANT. ELEVATION = 5640.084



 STREET LL DETAIL QUERQUE MENT DEPARTMENT DIVISION										APPROVALS TRAFFIC		ENGINEER N.A. <i>RA</i>		DATE		DESIGNED BY DLW		DATE 11-81		DRAWN BY SVS		DATE 11-81		CHECKED BY DLW		DATE 11-81		REVISIONS DESIGN		NO DATE		REMARKS		BY		EST NO		W/O NO		MAP NO				REFERENCES				SURVEY INFORMATION				BENCH MARKS				AS-BUILT INFORMATION CONTRACTOR INSPECTORS STAMPED BY DATE INSPECTORS FIELD OFFICE BY DATE VERIFICATION BY DATE CORRECTED BY DATE				MICRO-FILM INFORMATION RECORDED BY NO.				DATE				SHEET NO. 9				TOTAL SHEETS 12			
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PREPARED UNDER THE
DIRECTION OF

Danell L. Wade

12-2-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PROJECT # 3
MORRIS STREET
PARAPET WALL DETAIL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
C.E.	<i>[Signature]</i>	21/1/2			
ACE DESIGN	<i>[Signature]</i>	28/1/2	TRAFFIC	N.A. <i>[Signature]</i>	
PACE HMD	C.M. <i>[Signature]</i>	1/2/2			

DRAWING NO.		1332	SHEET 9 OF 12	
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SCALE: NO SCALE

APPROVED FOR
CONSTRUCTION
2 **20A**
CITY ENGINEER

1332

SHEET 9 OF 12

TYPICAL TYPE "B" RAIL DETAIL NO SCALE

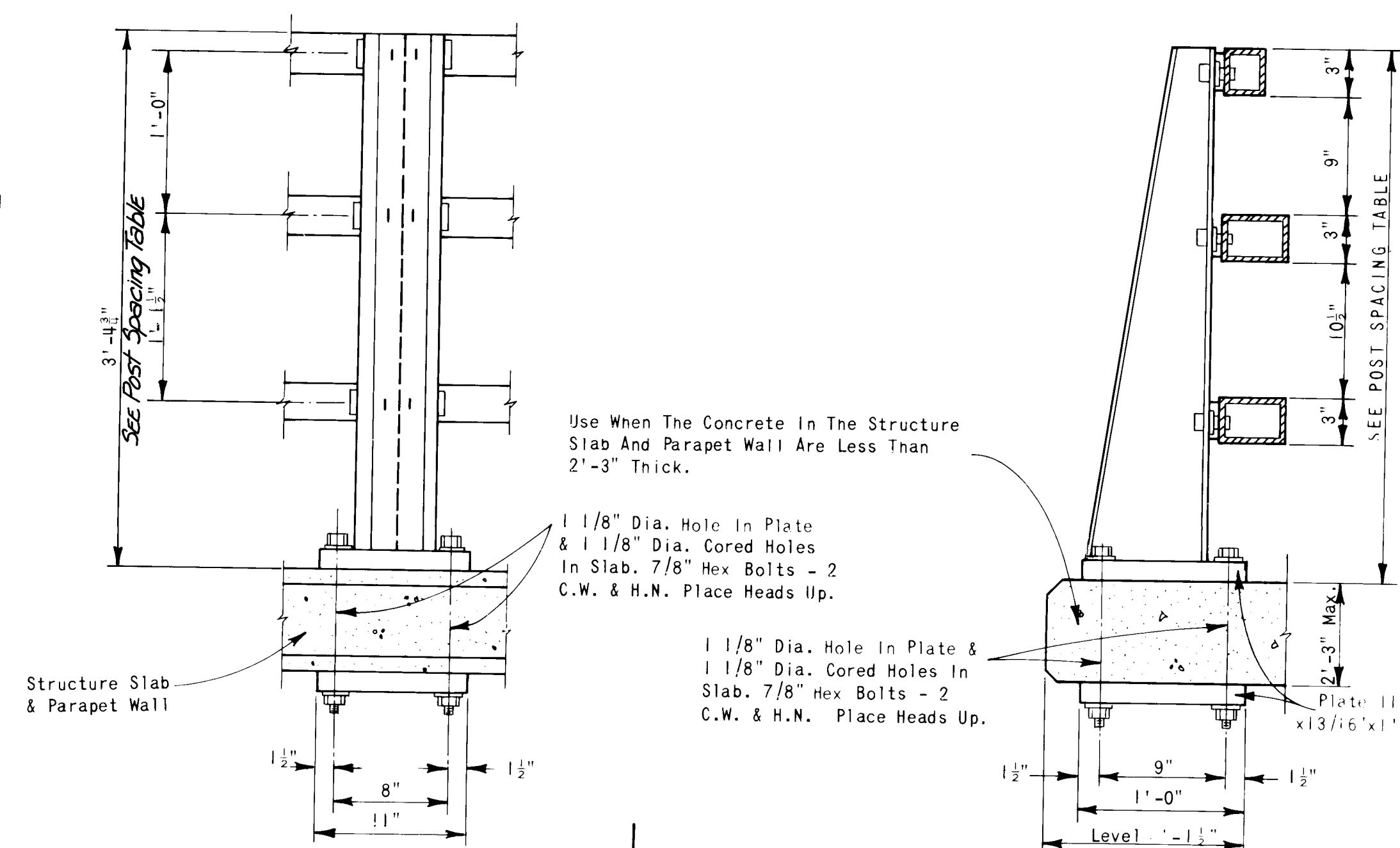
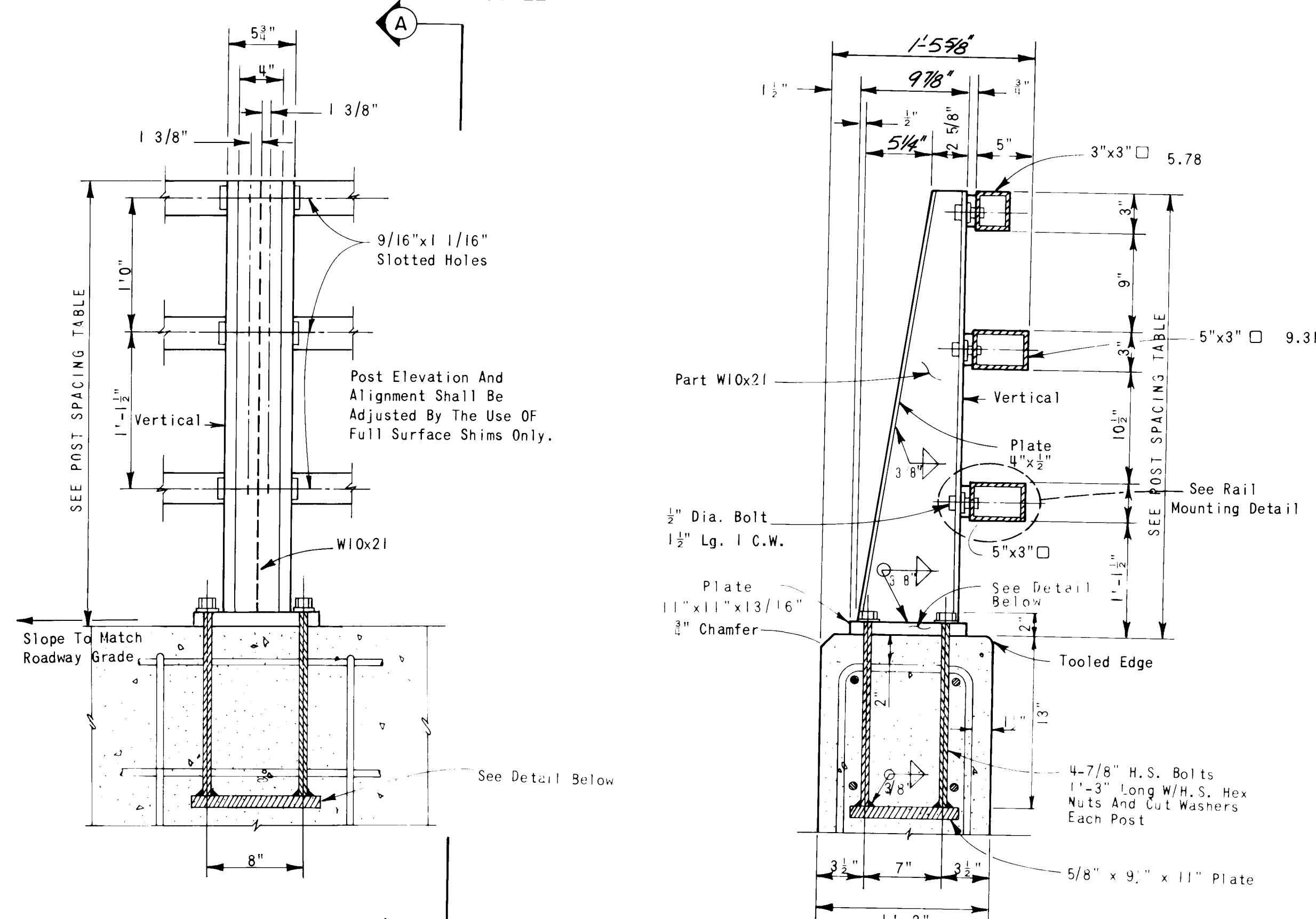
TYPICAL "B" RAIL DETAIL THROUGH RUNDOWN SECTION NO SCALE

FHWA Region No.		SHEET NO.	TOTAL SHEETS
6	NEW MEXICO		

GENERAL NOTES

PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
BY		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
BY		
NO.		



ELEVATION

ELEVATION

SECTION B-B

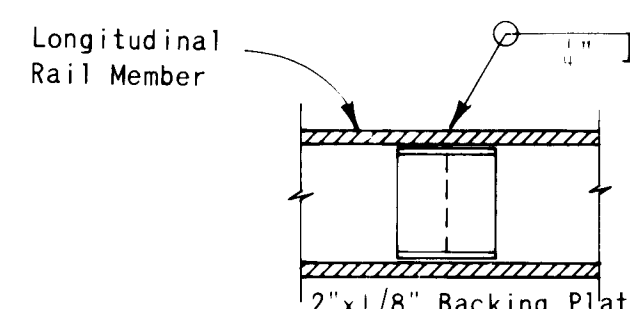
ANCHOR PLATE DETAIL

BASE PLATE DETAIL

RAIL END DETAIL

NO SCALE

Detail Of Shop Or Field Weld
In Longitudinal Rail Member.



RAIL SPLICE DETAIL

NO SCALE

POST SPACING TABLE									
STRUCTURE LOCATION	PARAPET LOCATION	RAIL LENGTH	POST 1 STA.	POST 1 HT.	POST 2 STA.	POST 2 HT.	POST 3 STA.	POST 3 HT.	POST 4 STA.
Morris St.	UPSTREAM	4'-10"	166+96.76	3'-6"	174+59.93	3'-6"	174+59.93	3'-6"	174+59.93
Bear Canyon	DOWNSTREAM	5'-1"	166+96.76	3'-6"	174+59.93	3'-6"	174+59.93	3'-6"	174+59.93
	UPSTREAM								
	DOWNSTREAM								
	UPSTREAM								
	DOWNSTREAM								
	UPSTREAM								
	DOWNSTREAM								
	UPSTREAM								
	DOWNSTREAM								

RAIL MOUNTING DETAIL

NO SCALE

POST SHIMS TYPE "B" RAIL

NO SCALE

P = 1'-0" & 0'-11" Q = 0'-4" & 0'-7"
One Shim P = 1'-1 1/2" & One Shim Q = 1'-0"
For Each Type B Rail Post. Post Shims Are
To Be Used Between Post And Concrete
Where Necessary.

SCALE:
NO SCALE

11780

PREPARED UNDER THE
DIRECTION OF
Samuel & Wade
12-2-81

APPROVED FOR
CONSTRUCTION
CITY ENGINEER *PSA* DATE

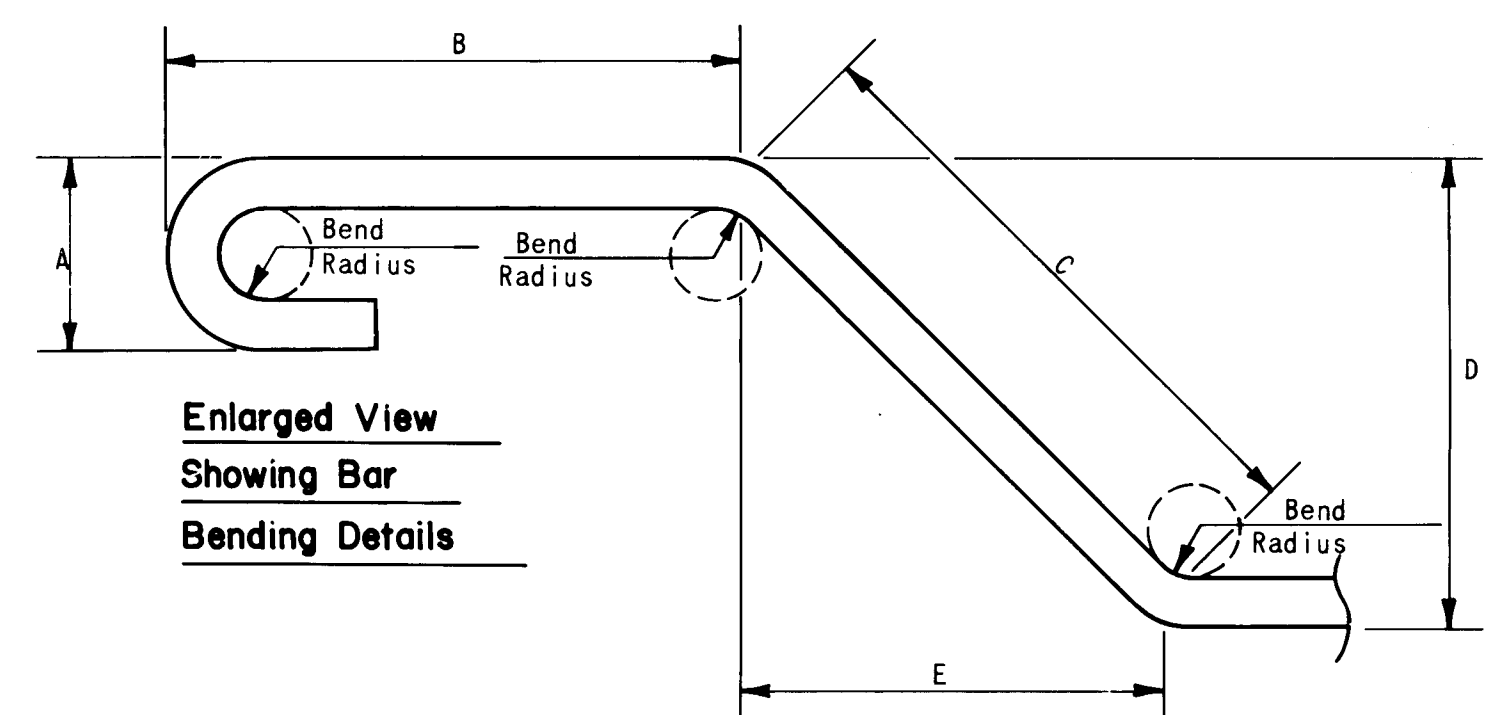
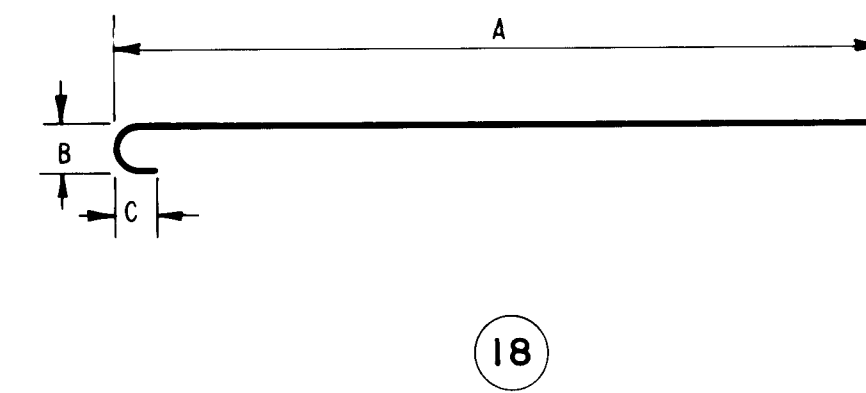
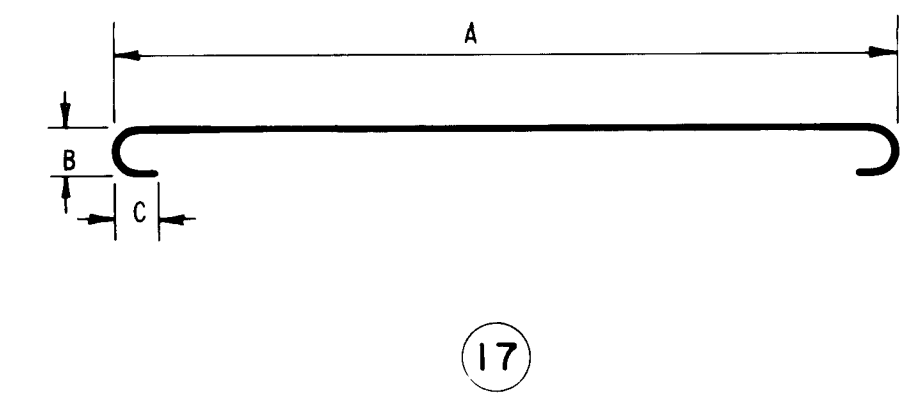
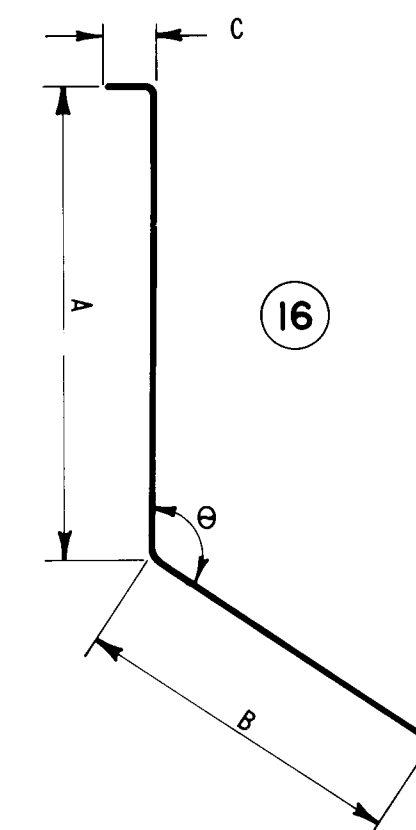
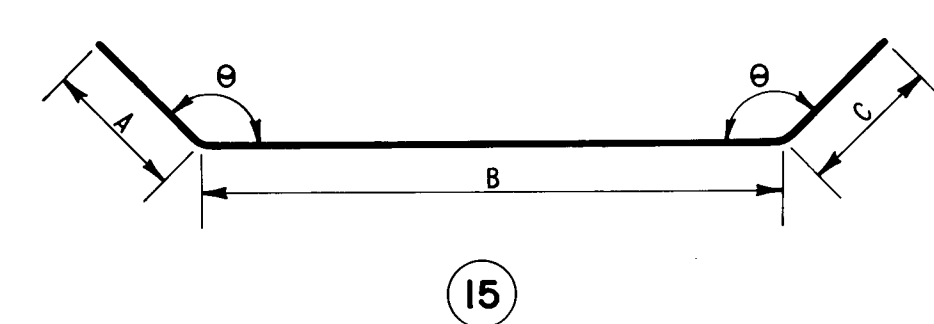
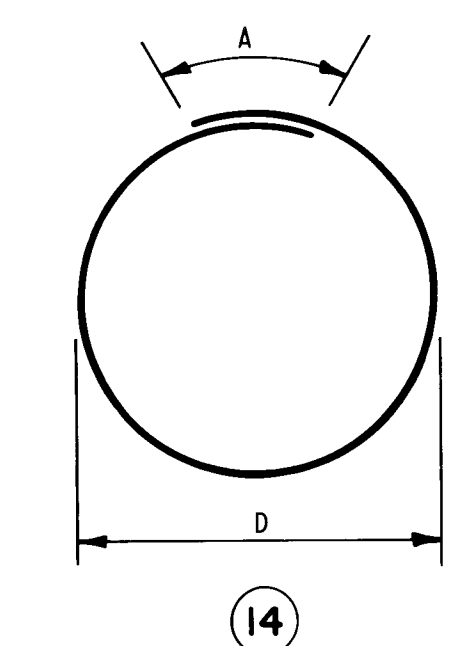
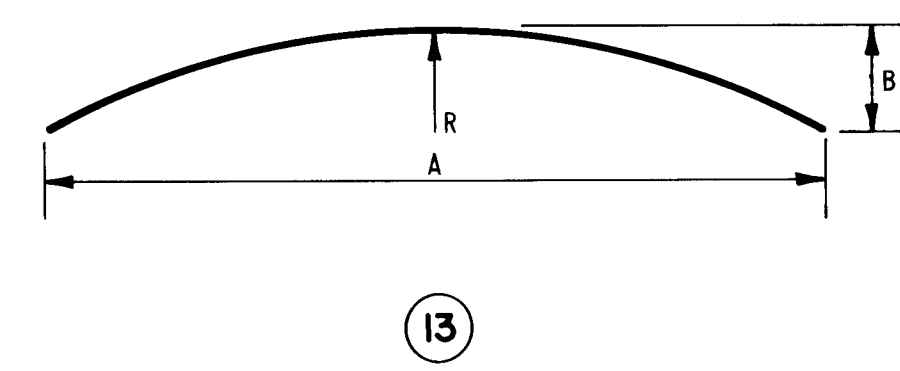
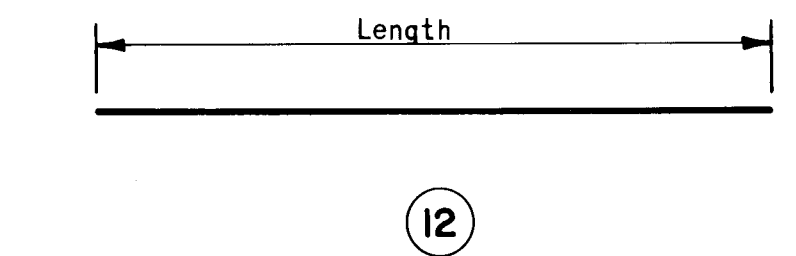
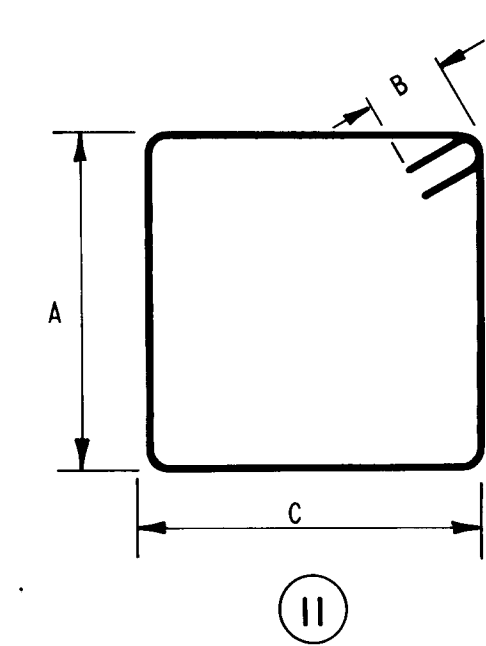
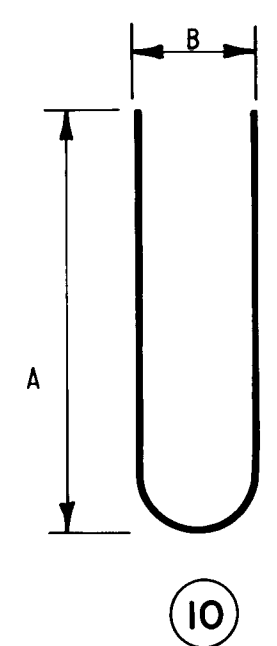
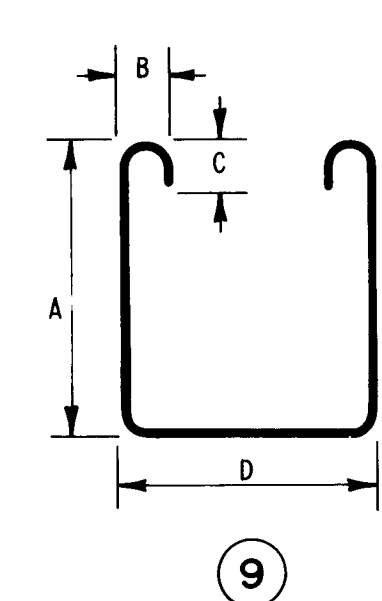
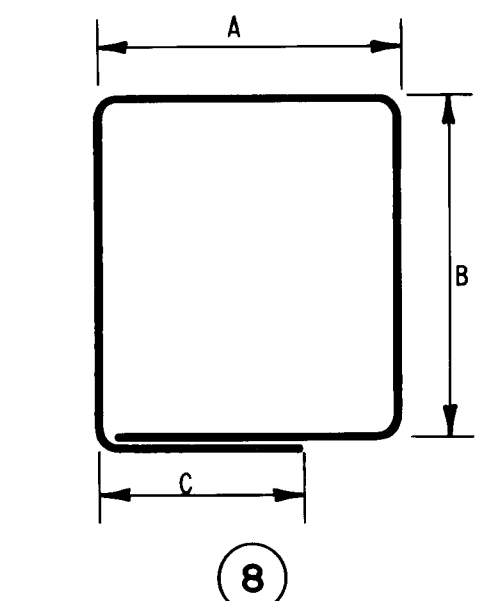
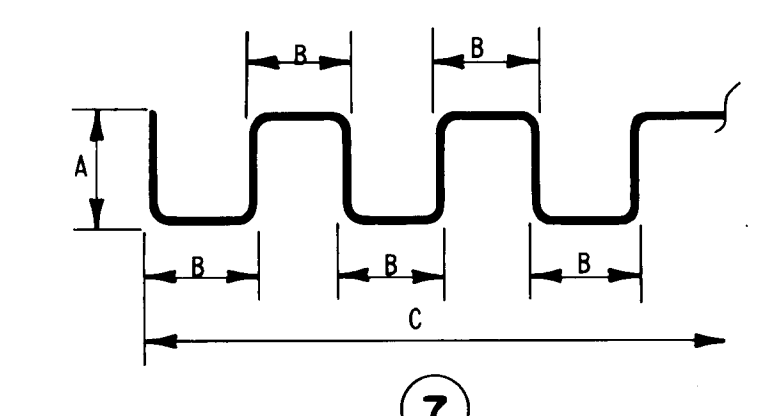
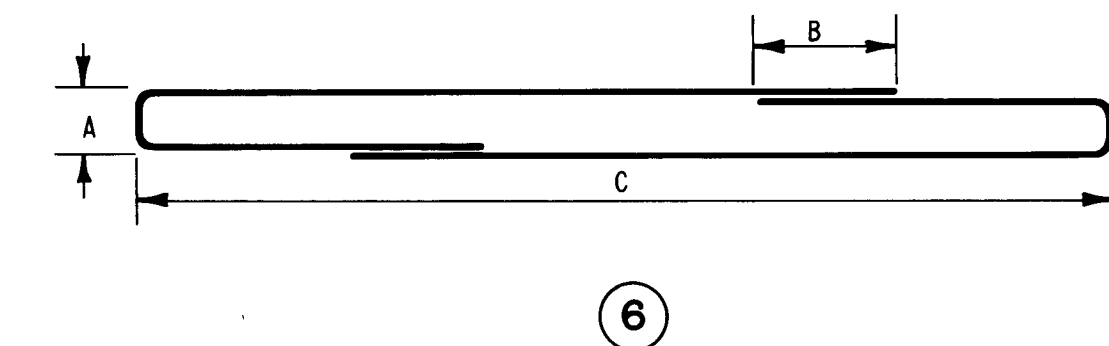
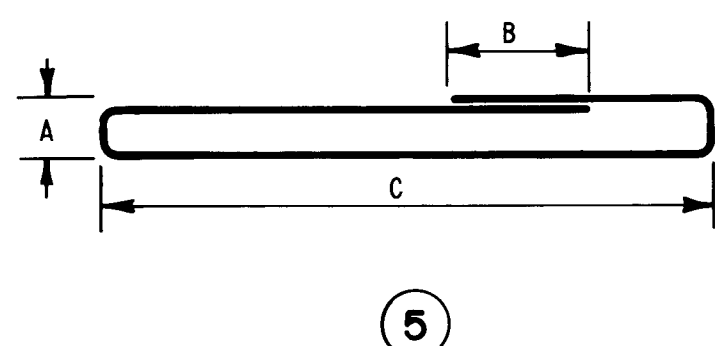
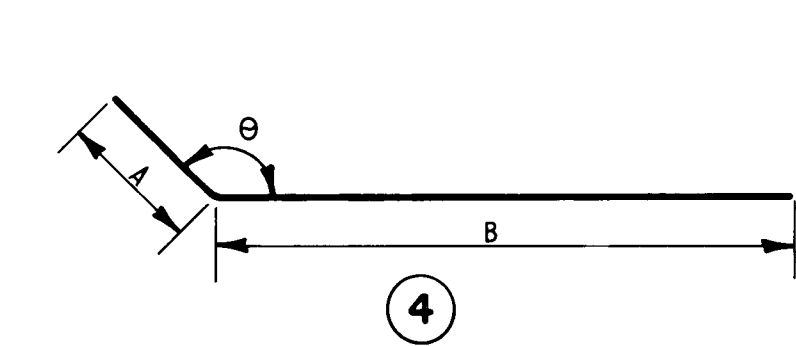
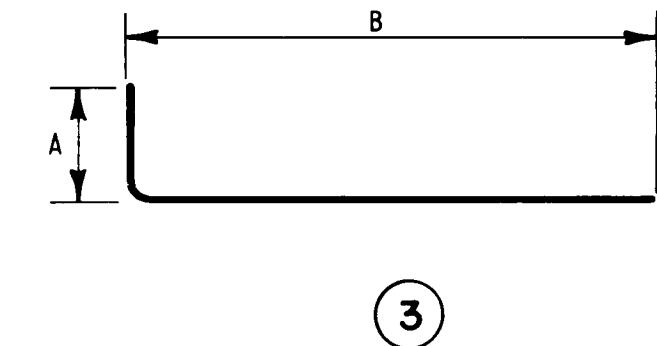
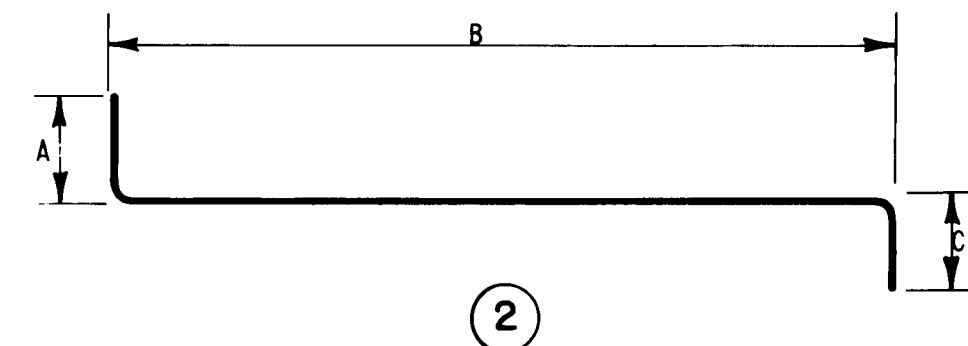
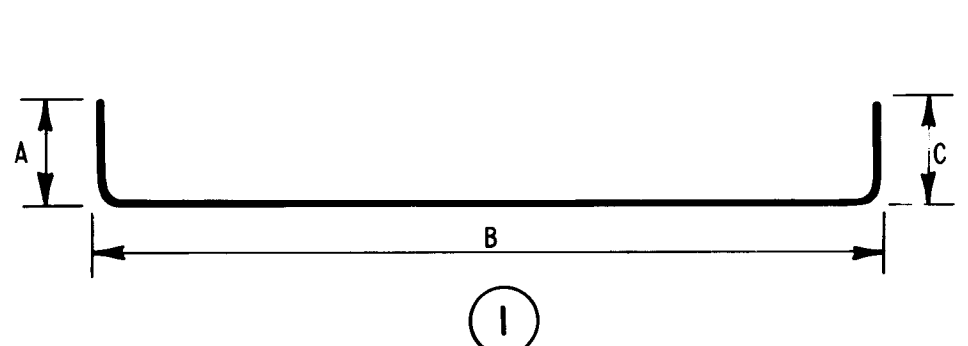
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
PROJECT # 3 MORRIS STREET TRAPEZOIDAL BOX RAILING DETAIL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
<i>CE</i>	<i>PSA</i>	<i>3/1/81</i>	<i>ACE DESIGN</i>	<i>Blanchard</i>	<i>12/2/81</i>
DRAWING NO. 1332					
SHEET 10 OF 12					

PLAN

DATE	BY
SURVEYED	
NOTES	
GRADE CHECKED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NO.	

PROFILE

DATE	BY
SURVEYED	
NOTES	
GRADE CHECKED	
STRUCTURE NOTATION CHKD	
NO.	



"A" Dimensions On 180° Hooks To Be Shown Only Where Necessary To Restrict Hook Size, Otherwise Standard Hooks Are To Be Used. Where "A" Is Not Shown, "A" Will Be Kept Equal To Or Less Than "D". Where "A" Can Exceed "D", It Should Be Shown.

"D" Dimensions On Stirrups To Be Shown Where Necessary To Fit Within Concrete.

Where Slope Differs From 45° Dimensions "D" And "E" Must Be Shown.

NO. OF BARS	SIZE	LENGTH FT. IN.	MARK	TYPE	LENGTH VARIES	FROM	TO	A	B	C	D	θ	R
25	4	62' 6"	A1	12									
25	7	62' 6"	A2	12									
6	4	62' 6"	B1	12									
6	4	62' 6"	B2	12									
16	4	62' 6"	C1	12									
16	4	62' 6"	C2	12									
11	4	62' 6"	D1	12									
11	4	62' 6"	D2	12									
61	6	19' 6"	F1	15				4'9"	10'0"	4'9"		146°	
61	4	14' 3"	F2	15				2'0"	10'3"	2'0"		146°	
122	4	8' 7"	S1	16				3'10"	4'0"	9"		124°	
122	6	11' 10"	S2	4				3'10"	8'0"			124°	
120	6	7' 10"	S3	4				3'10"	4'0"			124°	
61	4	24' 2"	T1	12									
121	10	24' 2"	T2	12									
MORRIS STREET BOX REBARS													
3	4		D401	15	Varies	28'6"	39'2"	4'3"	13'9"	10'0"	11'8"	9'3"	13'9"
17	4	13' 8"	D404	12									146°
19	4	14' 10"	D405	12									
12	4	26' 4"	D406	12									
1	4	9' 6"	D407	12									
1	4	49' 11"	D408	12									
8	5		D501	12	Varies	8'4"	8'6"						
5	5		D502	12	Varies	8'4"	11'6"						
5	5		D505	12	Varies	12'2"	9'7"						
10	5		D506	12	Varies	9'6"	9'8"						
6	4	8' 6"	D402	5				11"	1'3"	2'7"			
12	4	9' 4"	D403	5				11"	1'3"	3'0"			
23	5		D503	5	Varies	14'5"	15'9"	11"	1'3"	5'6"	6'2"		
23	5		D504	3	Varies	6'9"	7'6"	2'0"	4'9"	5'6"			
MORRIS ST. DOWNSTREAM PARAPET 2 RUNS													
3	4		U401	15	Varies	28'6"	39'2"	4'3"	13'9"	10'0"	11'8"	9'3"	13'9"
14	4	13' 8"	U404	12									146°
16	4	13' 6"	U405	12									
9	4	26' 4"	U406	12									
1	4	8' 3"	U407	12									
1	4	49' 6"	U408	12									
8	5		U501	12	Varies	6'8"	6'11"						
5	5		U502	12	Varies	7'0"	9'11"						
5	5		U505	12	Varies	10'9"	8'3"						
8	5		U506	12	Varies	8'0"	8'2"						
6	4	8' 6"	U402	5				11"	1'3"	2'7"			
12	4	9' 4"	U403	5				11"	1'3"	3'0"			
23	5		U503	5	Varies	11'7"	13'1"	11"	1'3"	4'1"	4'10"		
23	5		U504	3	Varies	5'3"	6'0"	2'0"	3'3"	4'0"			
MORRIS ST. UPSTREAM PARAPET 2 RUNS													
3	4		U401	15	Varies	28'6"	39'2"	4'3"	13'9"	10'0"	11'8"	9'3"	13'9"
14	4	13' 8"	U404	12									146°
16	4	13' 6"	U405	12									
9	4	26' 4"	U406	12									
1	4	8' 3"	U407	12									
1	4	49' 6"	U408	12									
8	5		U501	12	Varies	6'8"	6'11"						
5	5		U502	12	Varies	7'0"	9'11"						
5	5		U505	12	Varies	10'9"	8'3"						
8	5		U506	12	Varies	8'0"	8'2"						
6	4	8' 6"	U402	5				11"	1'3"	2'7"			
12	4	9' 4"	U403	5				11"	1'3"	3'0"			
23	5		U503	5	Varies	11'7"	13'1"	11"	1'3"	4'1"	4'10"		
23	5		U504	3	Varies	5'3"	6'0"	2'0"	3'3"	4'0"			

- GENERAL NOTES
- All Dimensions Are Out To Out Of Bar.
 - Bending Radius For All Bends Shall Be As Shown Below.
 - Figures In Circle Show Type.
 - The Contractor Is Responsible For Confirming And Correlating All Quantities And Dimensions.
- | | |
|------------|-----------------|
| BAR SIZE | BEND RADIUS |
| 3 Thru 8 | 3 Bar Diameters |
| 9 Thru 11 | 4 Bar Diameters |
| 14 Thru 18 | 5 Bar Diameters |

PREPARED UNDER THE DIRECTION OF

James L. Ward

12-2-81

APPROVED FOR CONSTRUCTION

CITY ENGINEER *RSA* DATE

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION

PROJECT #3 MORRIS STREET

TRAPEZOIDAL BOX BAR BENDING DETAIL

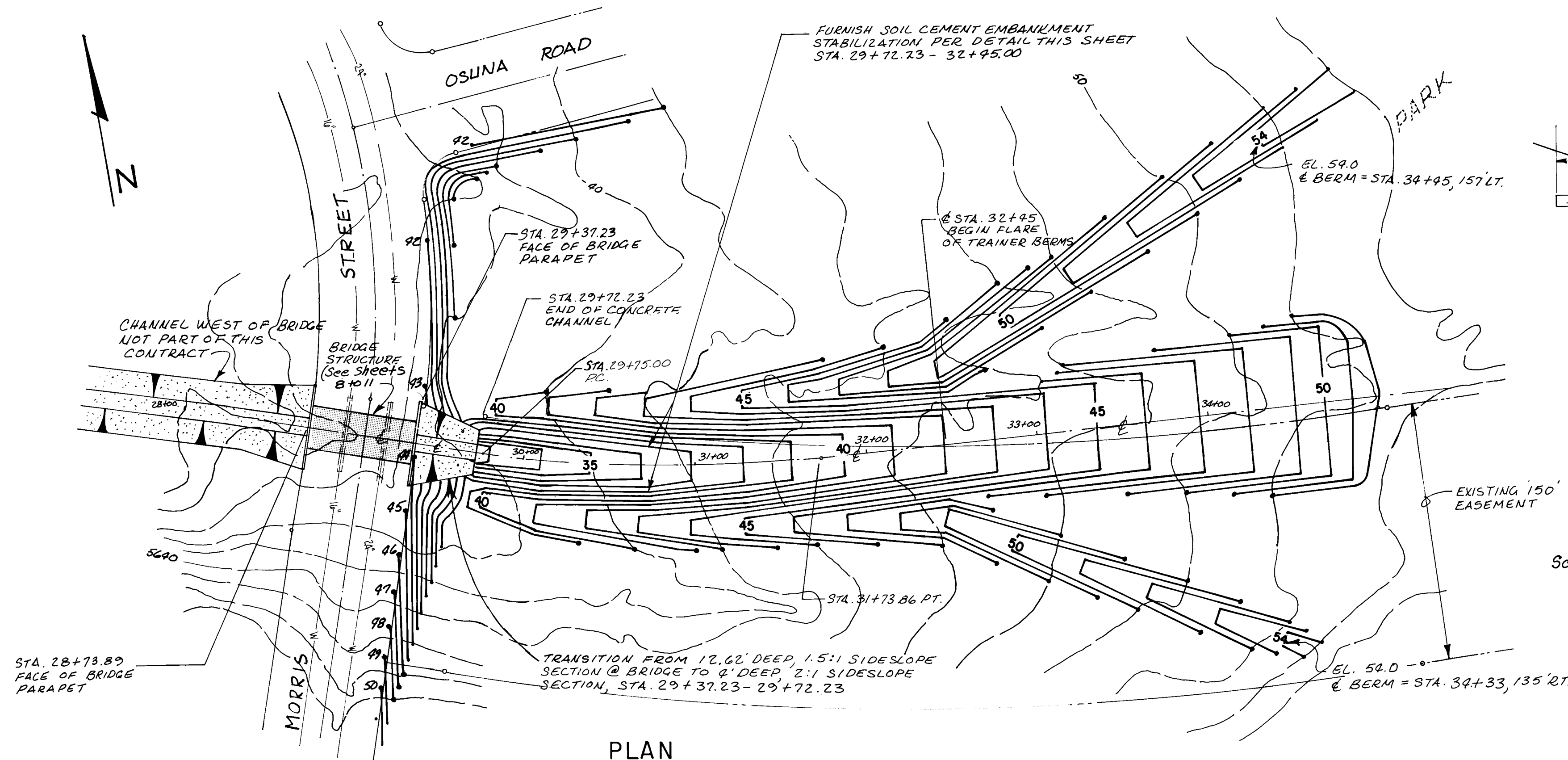
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
<i>CE</i>	<i>RSA</i>	<i>12-2-81</i>	<i>ACE</i>	<i>W.A. Burt</i>	
<i>ACE DESIGN</i>	<i>W.A. Burt</i>	<i>12-2-81</i>	<i>W.A. Burt</i>	<i>W.A. Burt</i>	
<i>PRC</i>	<i>W.A. Burt</i>	<i>12-2-81</i>	<i>W.A. Burt</i>	<i>W.A. Burt</i>	

DESIGNED BY DLW DATE 11-81

DRAWN BY SAH DATE 11-81

CHECKED BY DLW DATE 11-81

DRAWING NO. 1332 SHEET 11 OF 12



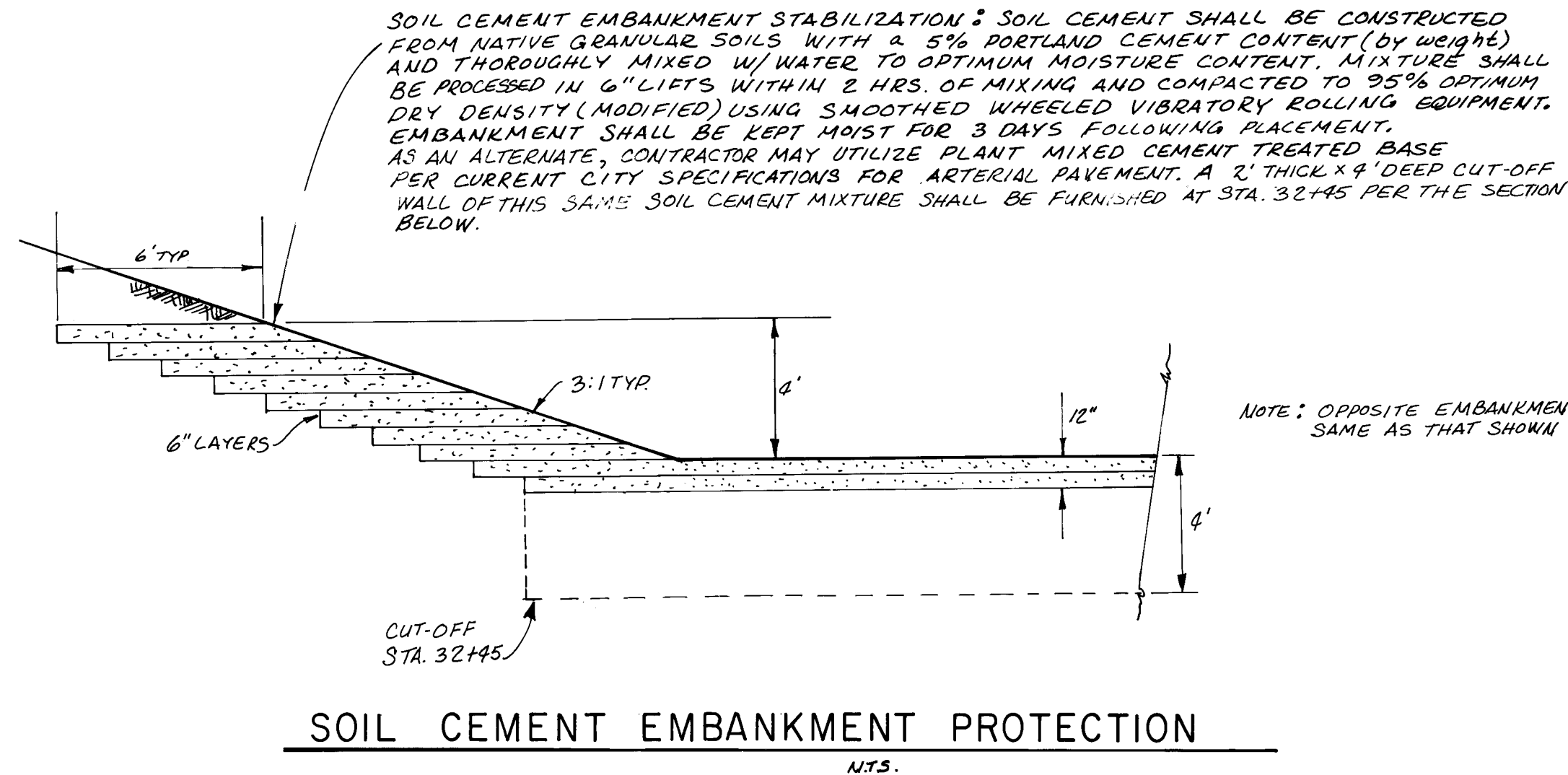
PLAN

TEMPORARY CHANNEL TRAINER INLET

- NOTES**
- BERMS SHALL HAVE 10' TOP WIDTH AND 3:1 SIDESLOPES ON ALL SIDES.
 - BOTTOM WIDTH OF CHANNEL TRAINER INLET TAPERS IN ACCORDANCE WITH THE FOLLOWING TABLE
 - COMPACT ALL FILL TO 90% O.D.D. (MODIFIED) UNLESS OTHERWISE NOTED.
- | STATION | BOTTOM WIDTH | STATION | BOTTOM WIDTH |
|----------|--------------|----------|--------------|
| 29+76.25 | 10' | 33+00 | 40' |
| 31+00.00 | 15' | 34+00 | 62' |
| 32+00.00 | 25' | 36+77.66 | 88' |

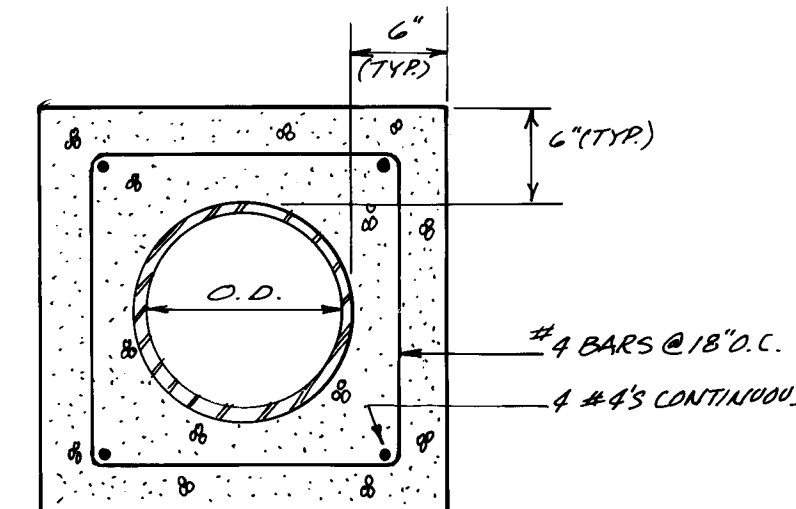
Curve Data (Channel)

R = 759.58
 L = 198.86'
 Δ = 15°00'00"
 T = 100.00'

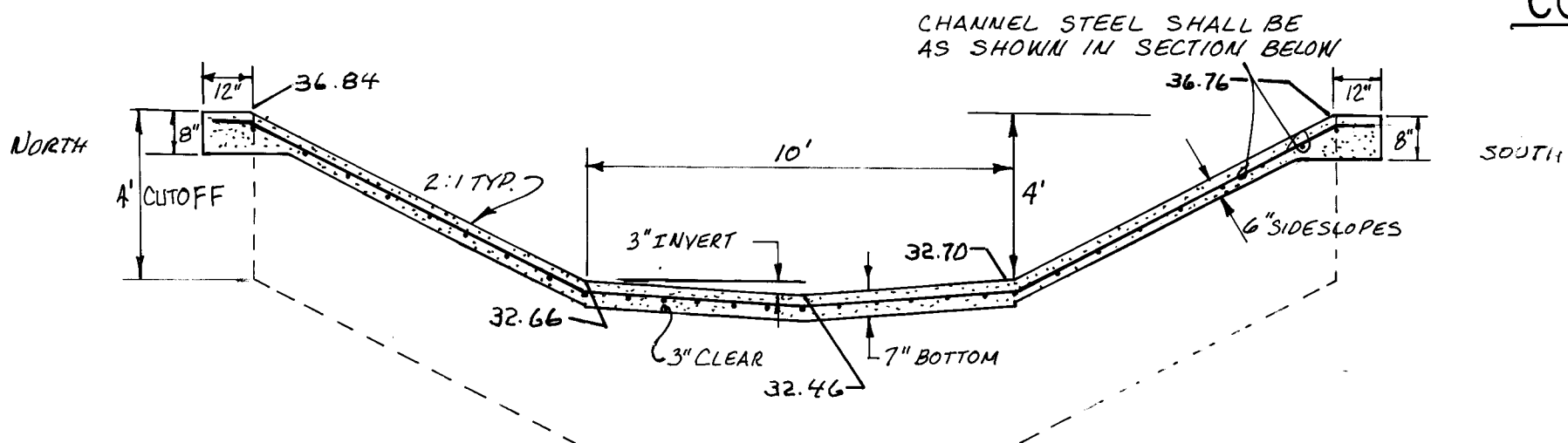


SOIL CEMENT EMBANKMENT PROTECTION

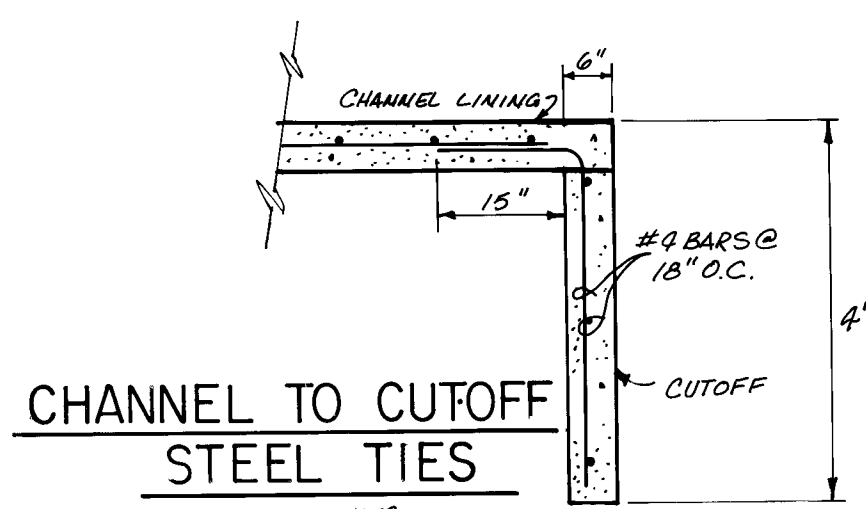
SCALE: 1" = 50 HORIZ.
 1" = 5 VERT.



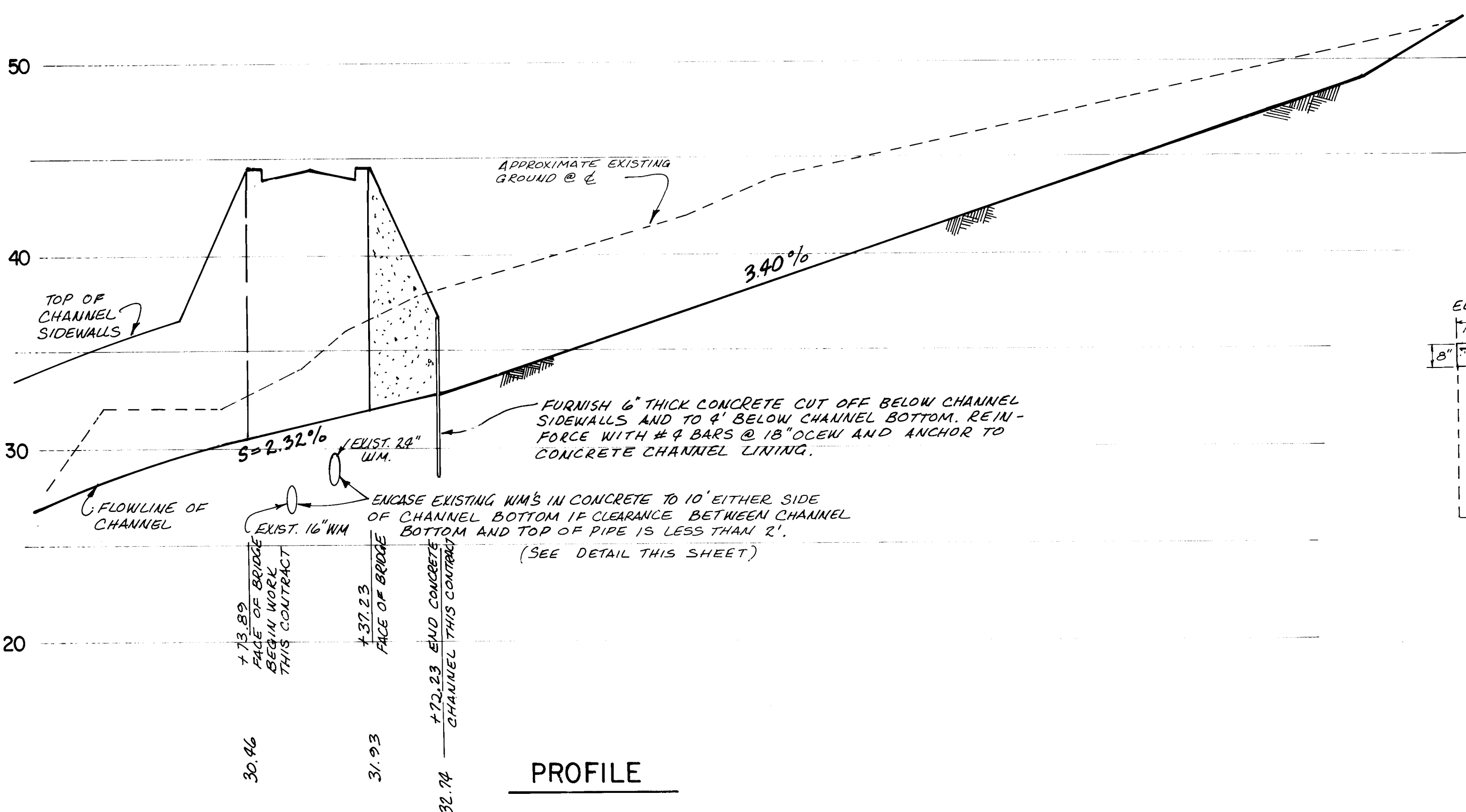
CONCRETE PIPE ENCASEMENT
DETAIL



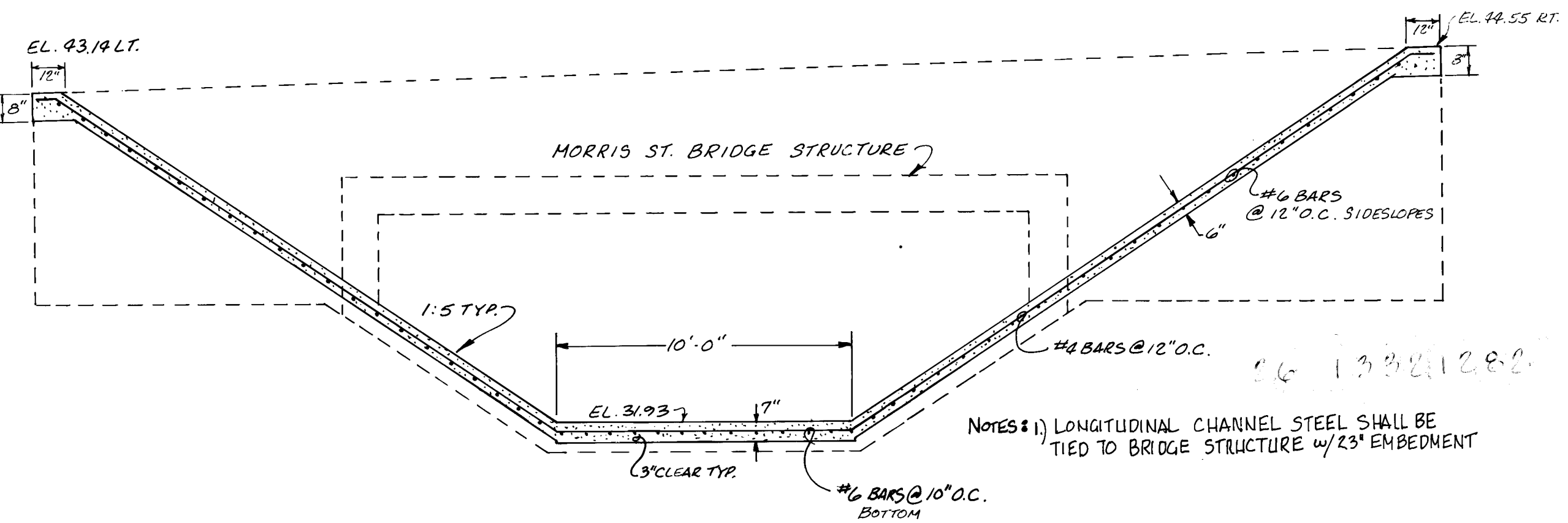
CHANNEL SECTION STA. 29+72.23



CHANNEL TO CUTOFF
STEEL TIES



PROFILE



CHANNEL SECTION - STA. 29+37.23

Kent M. W. Johnson

APPROVED FOR
CONSTRUCTION
CITY ENGINEER

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BRIDGE INLET PROJECT 3					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/1/82	Liquid Waste	<i>[Signature]</i>	1/15/82
A.C.E.-Design	<i>[Signature]</i>	2/1/82	Traffic	<i>[Signature]</i>	1/15/82
A.C.E.-Hydrology	<i>[Signature]</i>	1/14/82	Water	<i>[Signature]</i>	1/15/82
DESIGNED BY: K.M.W. DATE: 1/13/82					
DRAWN BY: W.W. DATE: " "					
CHECKED BY: C.W. DATE: " "					
DRAWING NO. 1332			SHEET 12 OF 12		