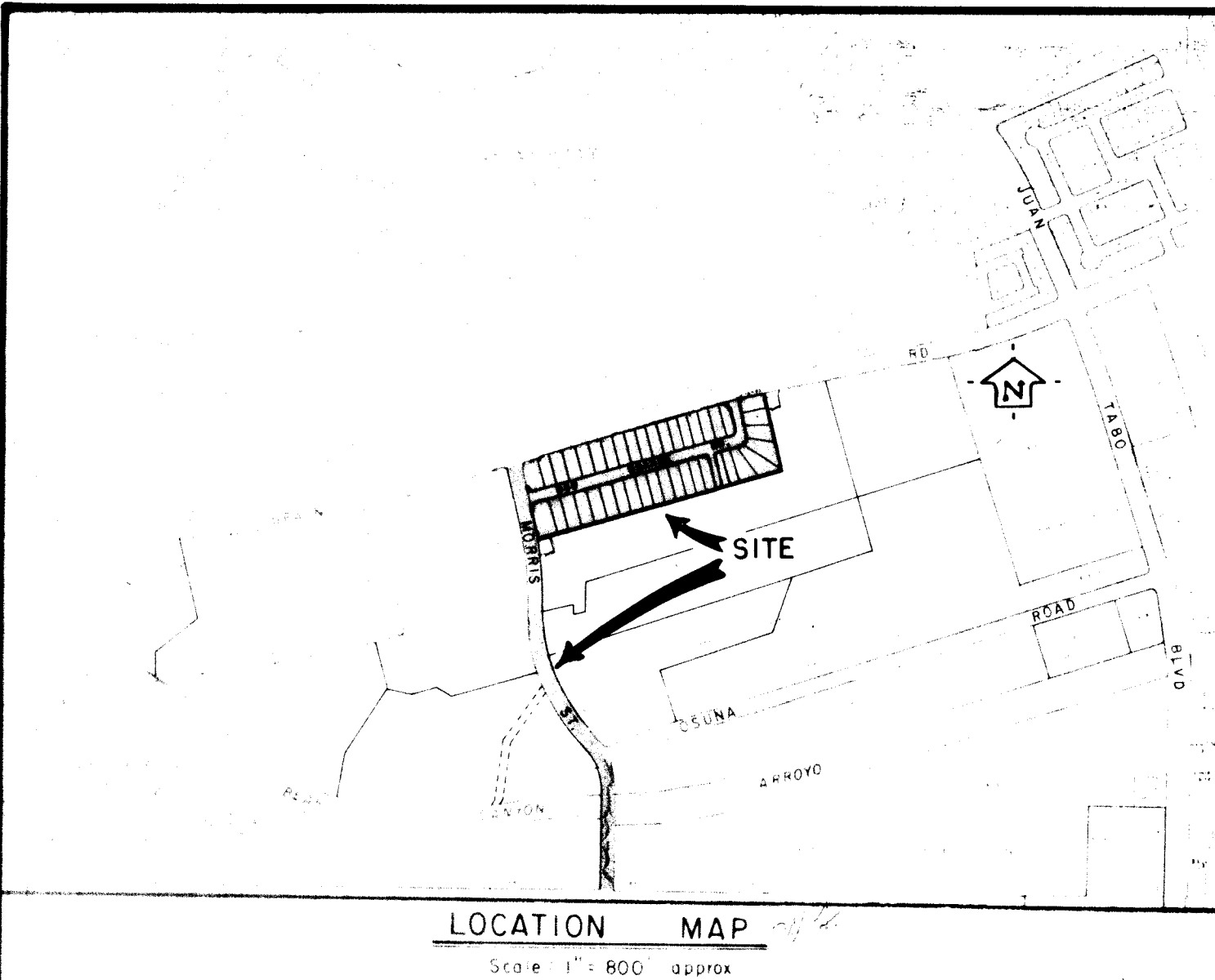




OSO GRANDE UNIT ONE AND MORRIS STREET IMPROVEMENTS PROJECT 3

INDEX TO DRAWINGS

- 1 TITLE SHEET
- 2 PLATS OF GEOMETRY
- REV.1 3 UTILITY PLAN AND PROFILE - MORRIS STREET
- REV.1 4-5 STORM SEWER PLAN AND PROFILE
- REV.1 6-7 STORM SEWER DETAILS AND SECTIONS
- 8-11 STRUCTURAL DETAILS - MORRIS STREET CROSSING
- 12 BRIDGE INLET - SECTIONS AND DETAILS

TRAFFIC HANDLING NOTE

CONTRACTOR MUST SUBMIT A COMPLETE SIGNING AND BARRICADING PLAN TO THE TRAFFIC ENGINEERING DIVISION NINETY-SIX (96) HOURS IN ADVANCE OF CONSTRUCTION AND RECIEVE A BARRICADING PERMIT PRIOR TO CONSTRUCTION.

APPROVED FOR CONSTRUCTION

Richard S. Heller
Richard S. Heller, City Engineer

5/17/82
Date

CONSTRUCTION NOTE:

THIS PROJECT AND CITY PROJECT 1330 AND 1331, INVOLVING WATER LINE, SANITARY SEWER, AND PAVING CONSTRUCTION IN MORRIS STREET AND ADJACENT AREAS, WILL BE UNDER CONSTRUCTION CONCURRENTLY. CONTRACTOR SHALL COORDINATE SCHEDULING AND CONSTRUCTION OF THIS PROJECT SO AS TO MINIMIZE CONSTRUCTION CONFLICTS AND DAMAGE TO PREVIOUSLY CONSTRUCTED FACILITIES

Kent M. Whitman
Kent M. Whitman, P.E.

12/16/81
Date

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER - FIELD
[Signature]
DATE *[Signature]*



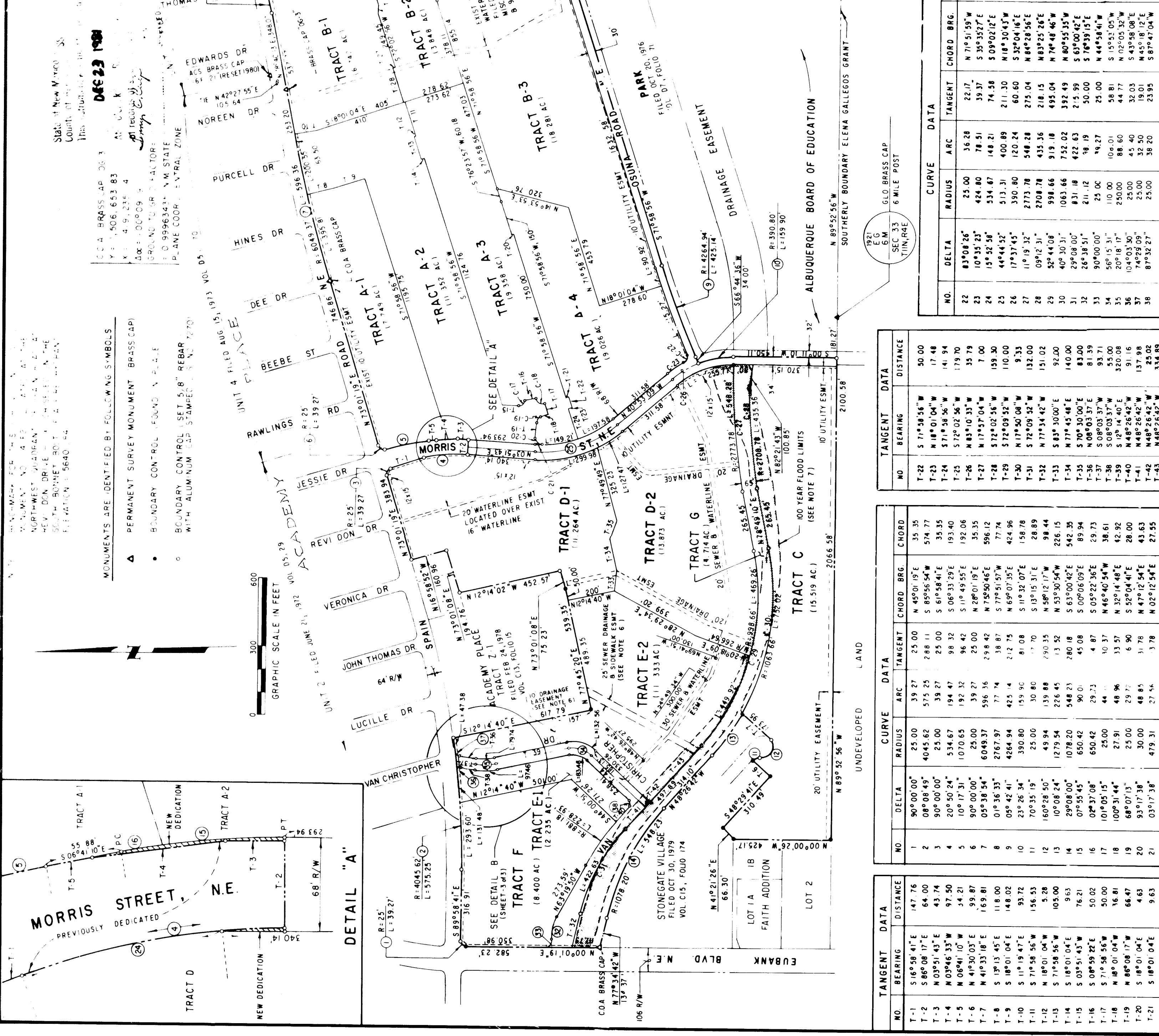
1 2 3 4 5 6 7 8 9 10 11 12
26 11 22 20 13
1332

2-25-61

2-25-61

OSO GRANDE SUBDIVISION

SITUATE WITHIN THE ELENA GALLEGOS GRANT
PROJECTED SECTION 33, T1N, R4E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NEW MEXICO
SEPTEMBER, 1981



Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

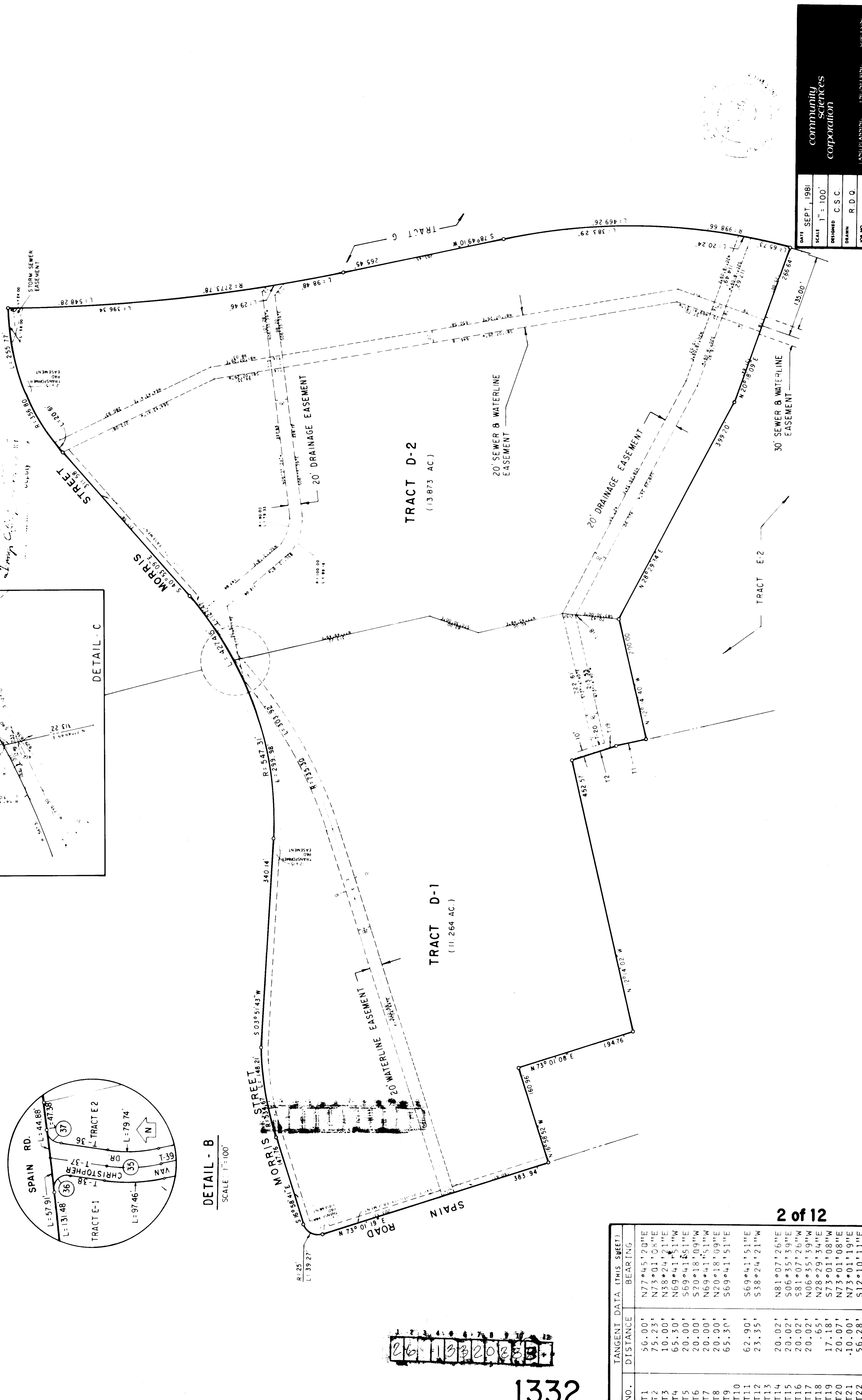
Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

C19-53-2
E-ES-613

OSO GRANDE SUBDIVISION

SITUATE WITHIN THE ELENA GALLEGOS GRANT
PROJECTED SECTION 33, T1N, R4E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NEW MEXICO
SEPTEMBER, 1981



Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

Don Henderson
10/22/81
10-22-81
10-22-81

C19-53-2
E-ES-613

2-25-61

2-25-61

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

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B M NOTED		

SEWER
JOINT
GTHS
-42. LINE D
SHEET 7
PROJECT #2
PROJECT #3
TAP INTO EX. 16" CCP
FLANGE, AND 8" GAT.
FURNISH THRUST BLOC
SEE DETAIL THIS SHT.

STREET

2. CURVE DATA			
R	Δ	L	T
390.80	41° 04' 14"	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
RBA 5/28/83

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>[Signature]</i>	2/1/82	Liquid Waste	<i>[Signature]</i>	2/2/82
A.C.E.-Design	<i>[Signature]</i>	2/24/82	Traffic	N.A. 6/82	
A.C.E.-Hydrology	<i>[Signature]</i>	2/24/82	Water	<i>[Signature]</i>	2/24/82

DRAWING NO.	1332	SHEET 3 OF 12
-------------	------	---------------

BENCHMARKS		AS BUILT INFORMATION	
BENCHMARK FOR THIS SUBDIVISION IS A.C.S. MONUMENT NO. "14-F21" LOCATED AT THE NORTHWEST QUADRANT OF A ROAD AT "TEVI CREEK" SPAIN ROAD, 1/4 SECTION 30, T10N, R10E, CO. A, TARRANT COUNTY, TEXAS. BOLT OF A FIRE HYDRANT. ELEVATION = 5640.084	CONTRACTOR		
	WORK ORDER NO.		
	DATE		
	APPROVED BY		
	FIELD ACCEPTANCE BY	DATE 7/63	
	REVISIONS		
	CORRECTED BY	DATE 7/63	
	NO.		
	RECORDED BY		
	DATE		
		MICRO - FILM INFORMATION	

NO.		DATE	REMARKS	BY	EST. NO.	W.O. NO.	NO.	FIELD NOTES	
					DESIGN				
DESIGNED BY K/MW					DATE OCT. 1981				
DRAWN BY M/JW					DATE OCT. 1981				
CHECKED BY					DATE NOV. 1981				

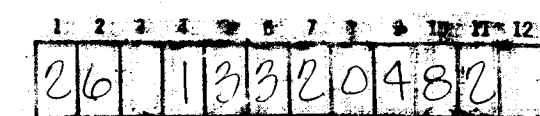
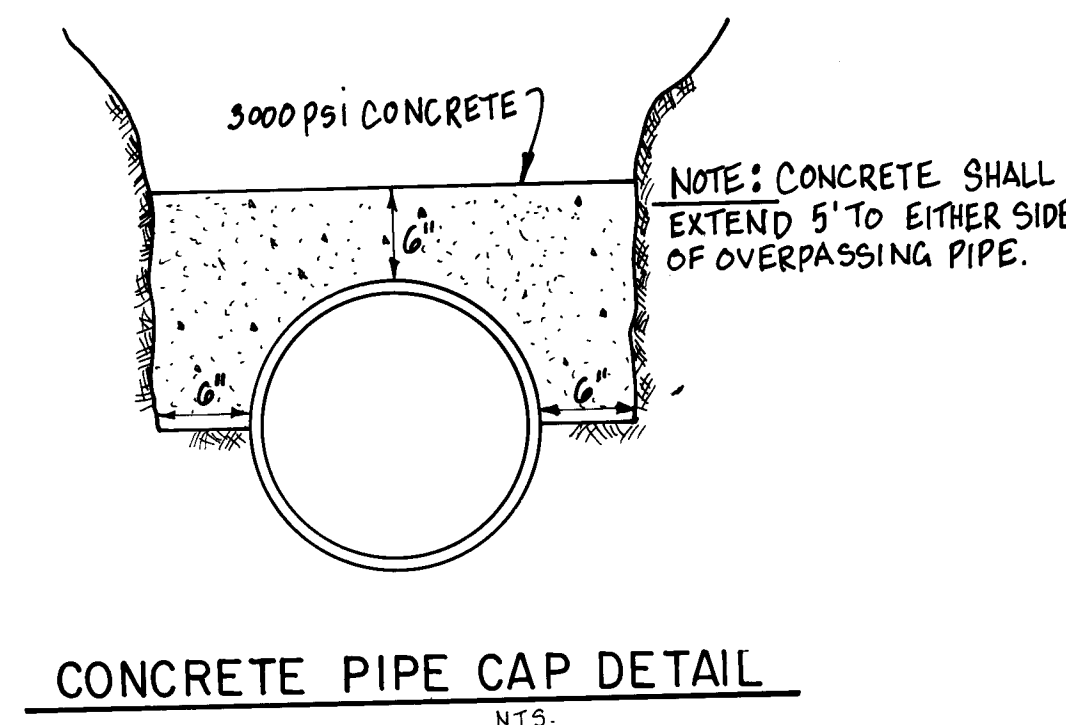
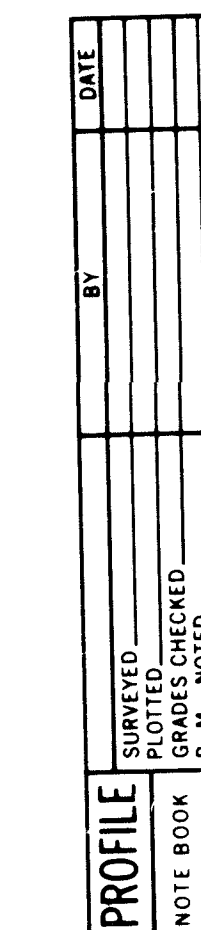
ERQUE
NT DEPARTMENT
VISION

3
ND PROFILE
, N. E.

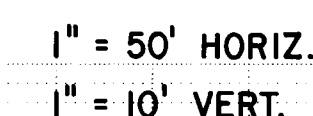
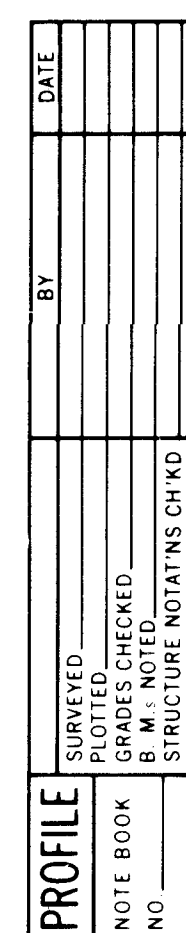
PROVALS	ENGINEER	DATE
Waste	<i>Michael</i> N. E. 2/2	<i>2/2/2</i>
	<i>Michael</i>	<i>2/2/2</i>

SHEET 3 OF 12

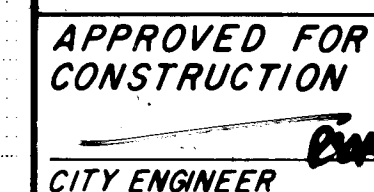
PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



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>ROR</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					

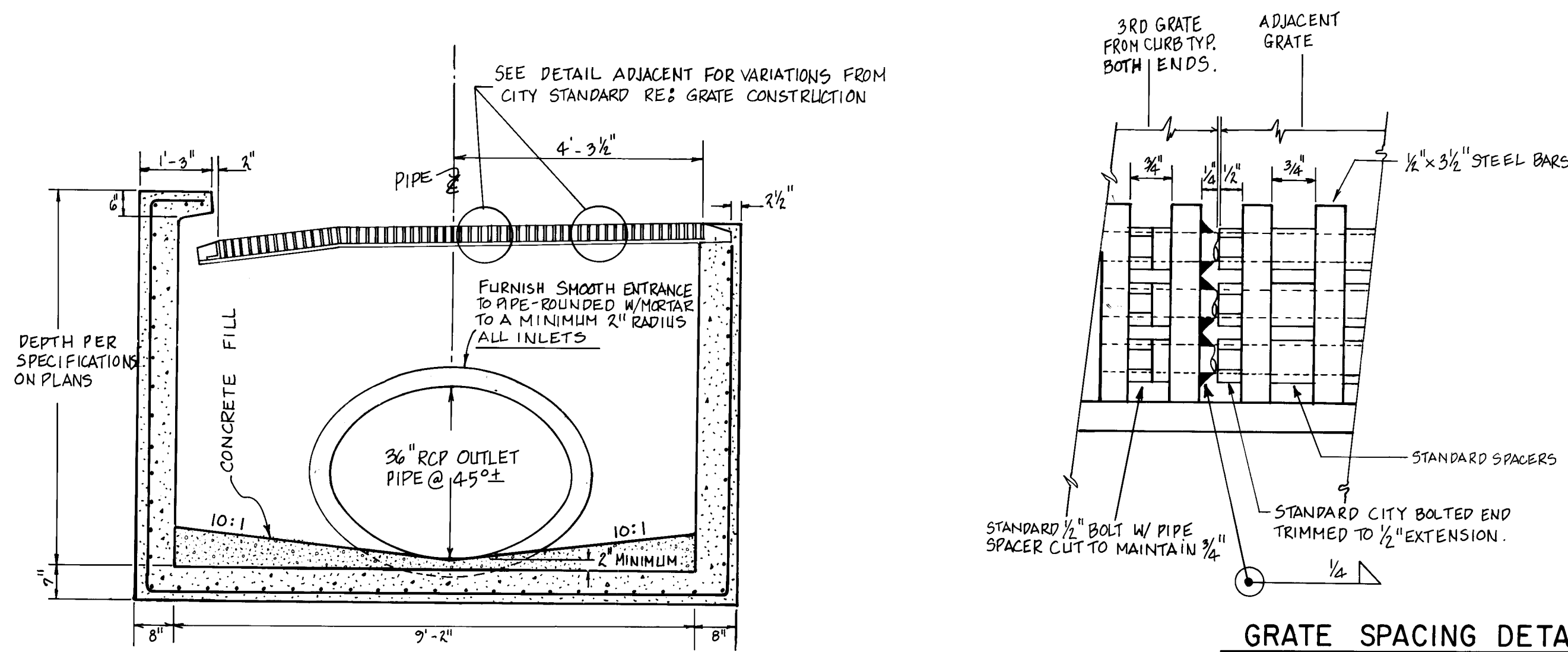


1" = 5'



DRAWING NO.	1332	SHEET 5	OF 12
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<i>DESIGN</i>					
<i>REVISIONS</i>					
<i>NO.</i>	<i>DATE</i>	<i>REMARKS</i>	<i>BY</i>		
				<i>DRAWN BY</i>	<i>KMMW</i>
				<i>DATE</i>	<i>OCT. 1981</i>
				<i>DRAWN BY</i>	<i>MJM</i>
				<i>DATE</i>	<i>OCT. 1981</i>
				<i>DRAWN BY</i>	<i>KMMW</i>
				<i>DATE</i>	<i>OCT. 1981</i>

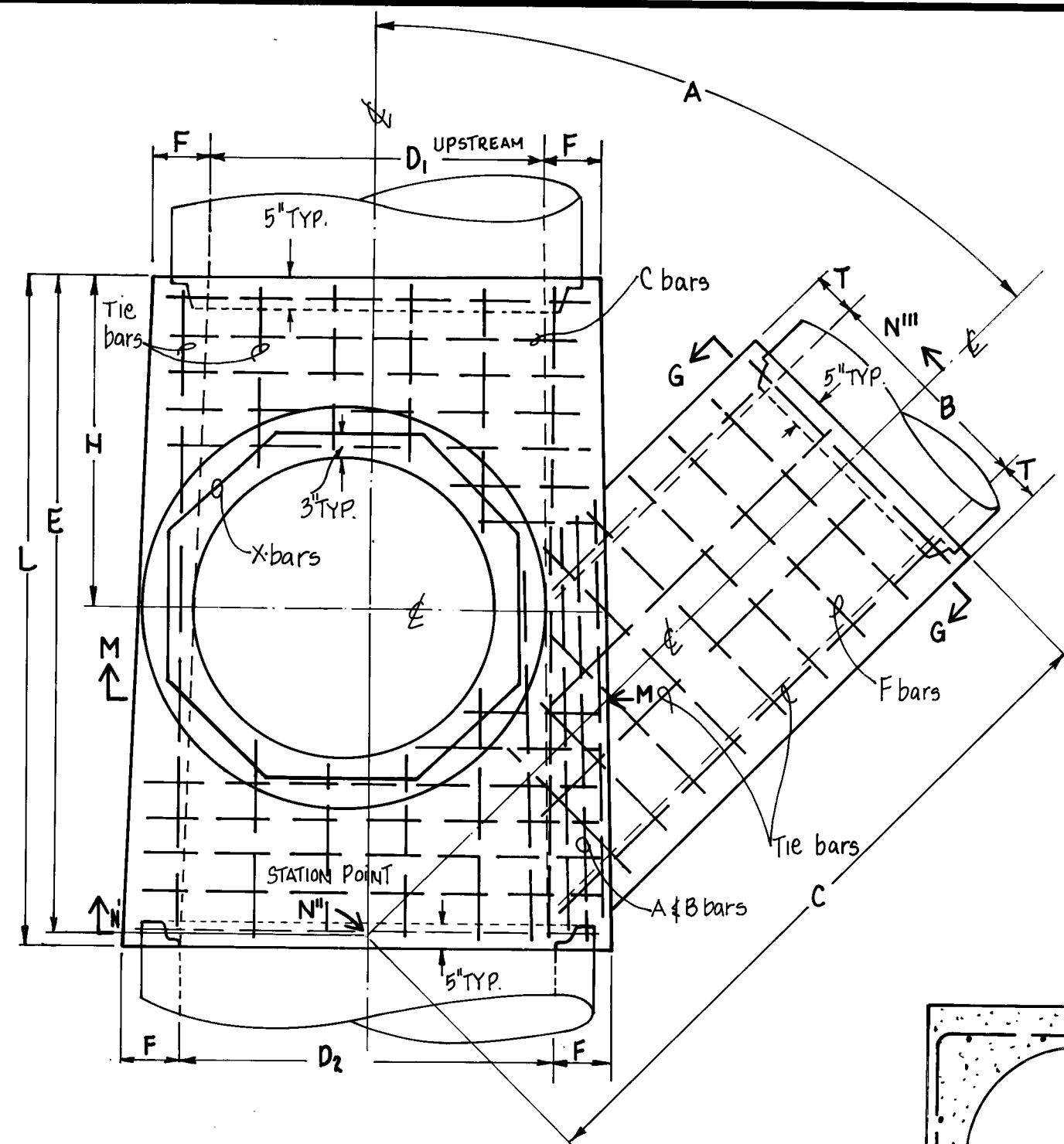


NOTES: ALL DETAILS NOT SPECIFIED SHALL BE IN ACCORDANCE W/ CITY OF ALBUQUERQUE STANDARD DRGGS. K-3, K-8, AND K-9.

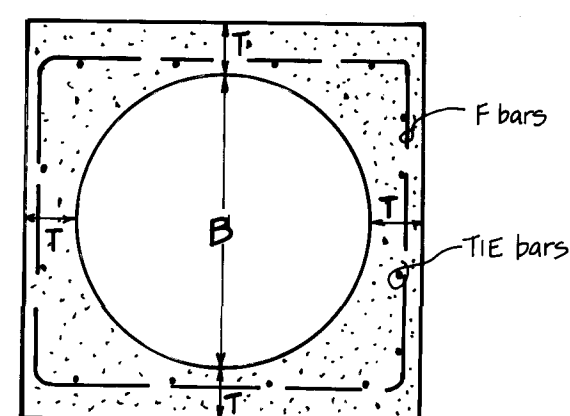
SECTION
n.t.s.

QUADRUPLE TYPE B INLET

n.t.s.

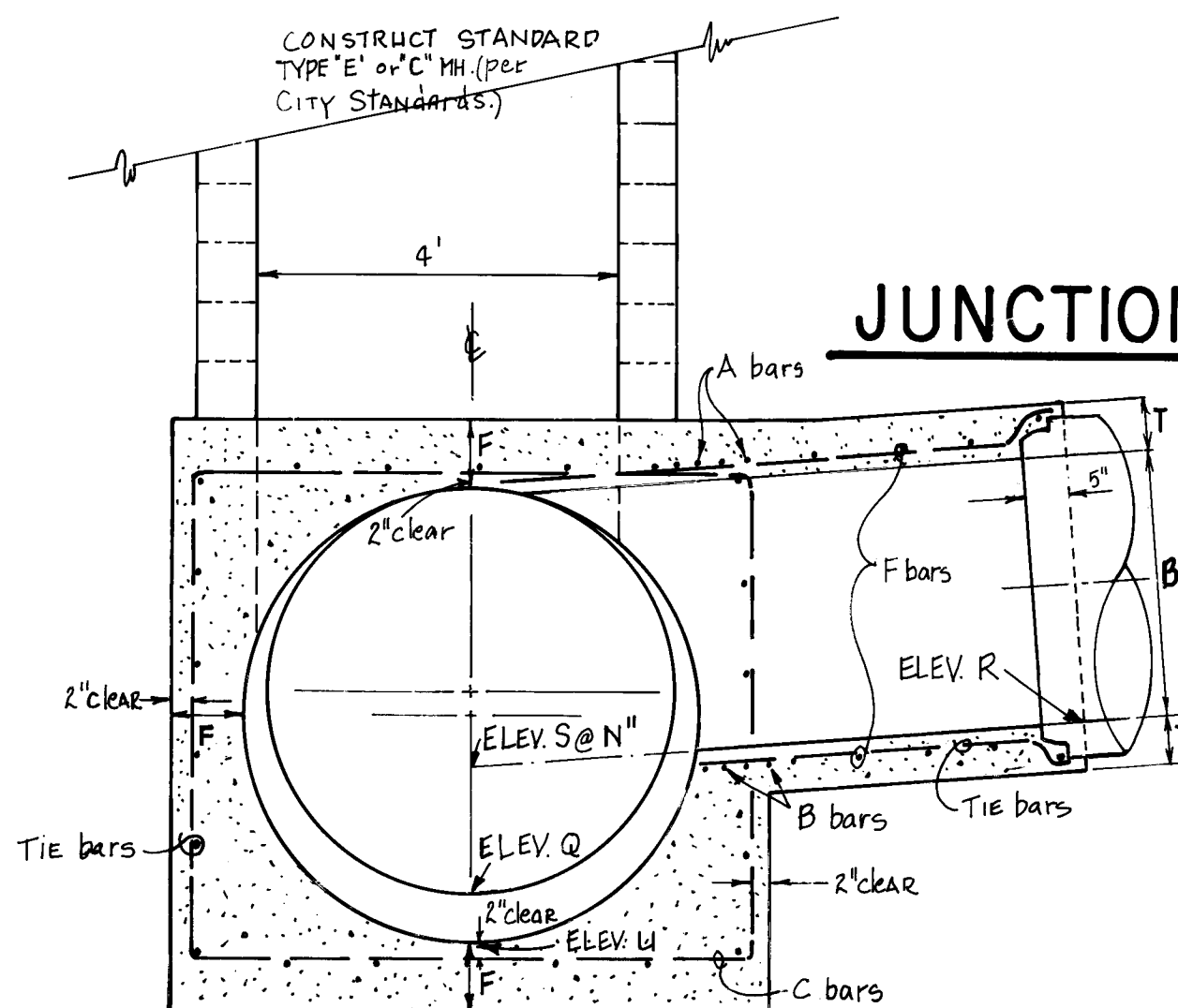


PLAN
n.t.s.



SECTION G-G
n.t.s.

JUNCTION BOX DETAILS



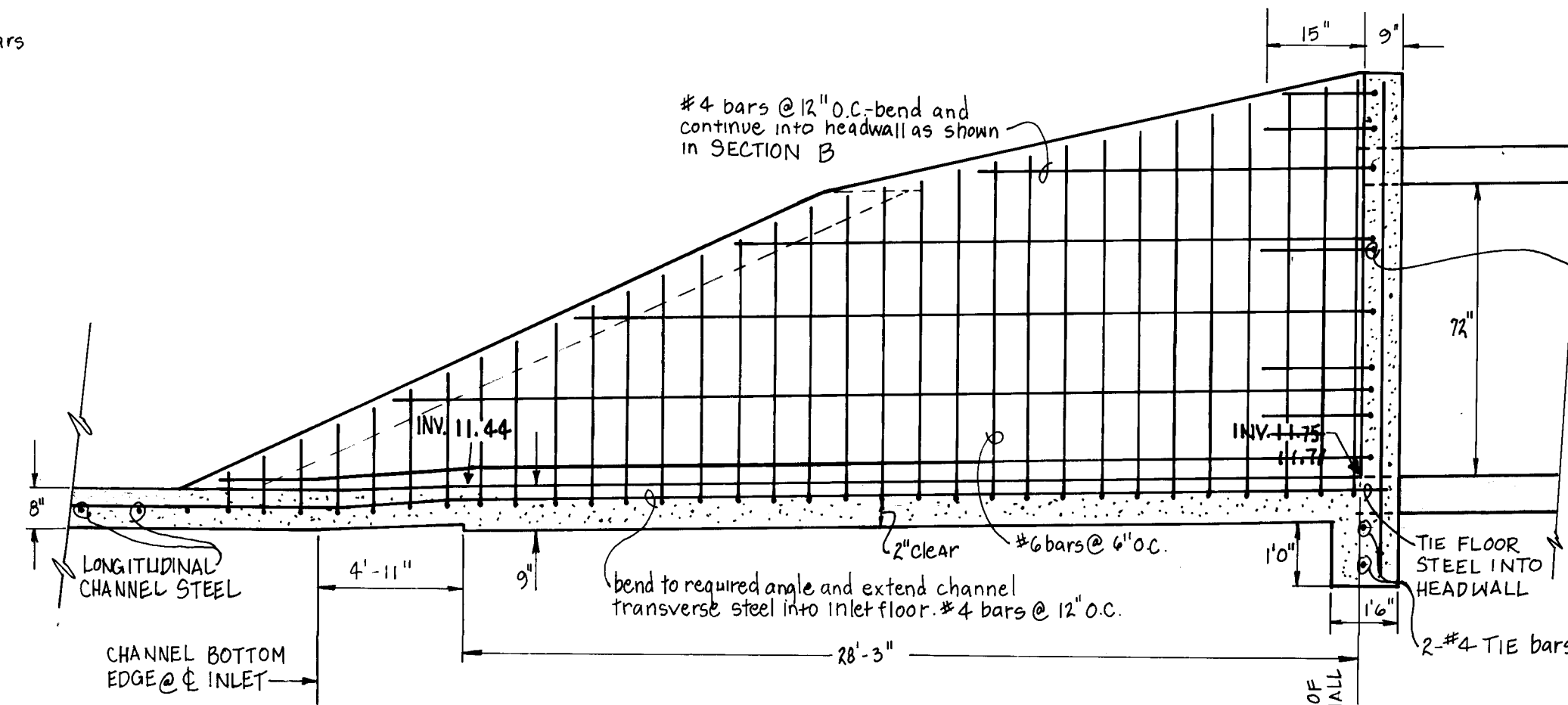
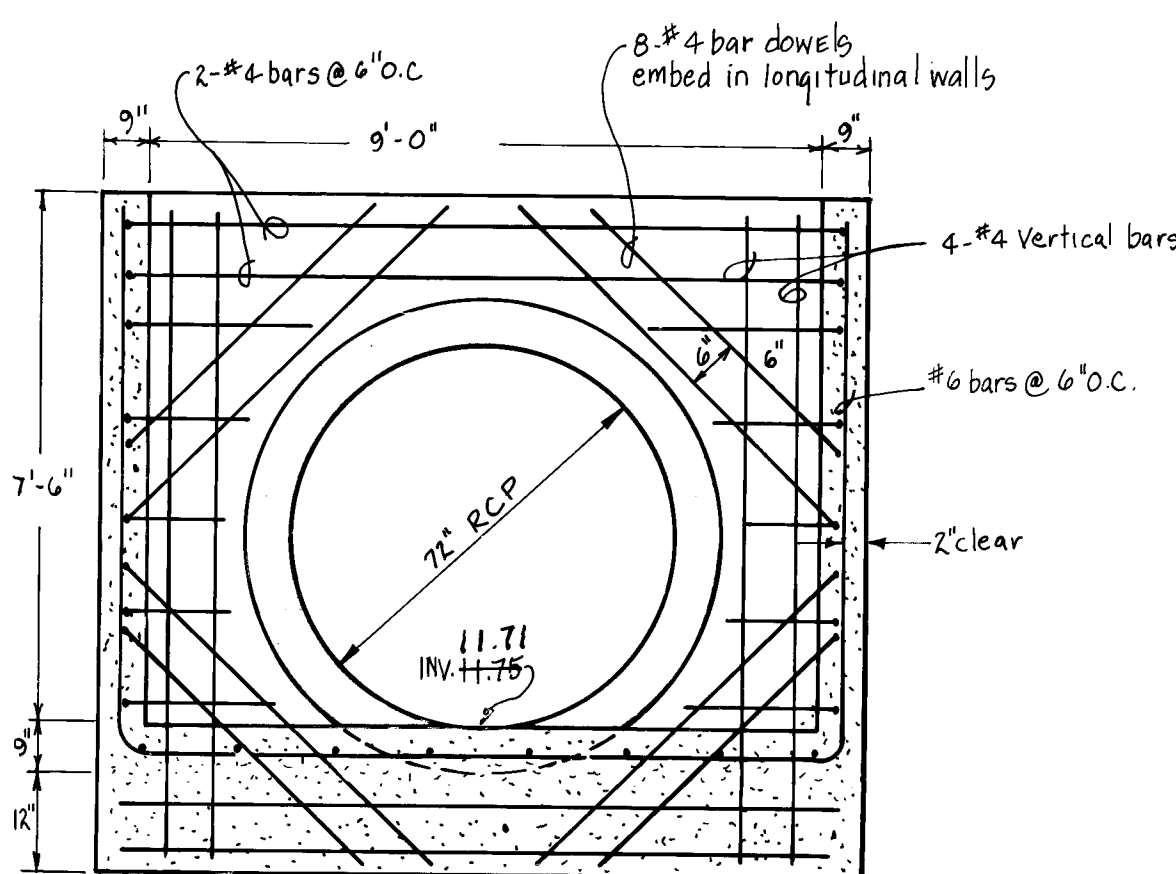
SECTION N'-N'N'''
Projected on M-M-N'''
n.t.s.

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.		

SECTION B-B
n.t.s.

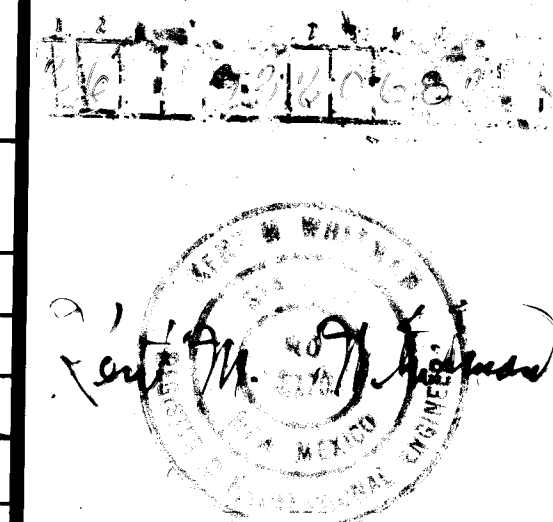
PIPE INLET DETAILS

PLAN
n.t.s.



SECTION A-A
n.t.s.

APPROVED REV. 1
RBA 5/27/82



APPROVED FOR CONSTRUCTION
CITY ENGINEER
DATE

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	RBA	5/27/82	Liquid Waste	N/A	
A.C.E.-Design	RBA	5/27/82	Traffic	N/A	
A.C.E.-Hydrology	RBA	5/27/82	Water	N/A	

DRAWING NO. 1332 SHEET 6 OF 12

AS BUILT INFORMATION		BENCHMARKS		SURVEY INFORMATION		REFERENCES		REVISIONS	
CONTRACTOR	DATE	INSPECTOR'S	DATE	MAP NO.	FIELD NOTES	EST. NO.	W.O. NO.	NO.	DATE

BENCHMARKS		SURVEY INFORMATION		REFERENCES		REVISIONS	
CONTRACTOR	DATE	INSPECTOR'S	DATE	MAP NO.	FIELD NOTES	EST. NO.	W.O. NO.

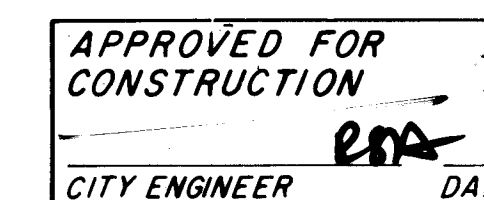
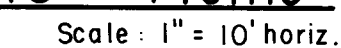
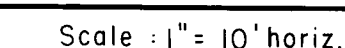
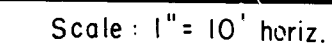
BENCHMARKS		SURVEY INFORMATION		REFERENCES		REVISIONS	
CONTRACTOR	DATE	INSPECTOR'S	DATE	MAP NO.	FIELD NOTES	EST. NO.	W.O. NO.



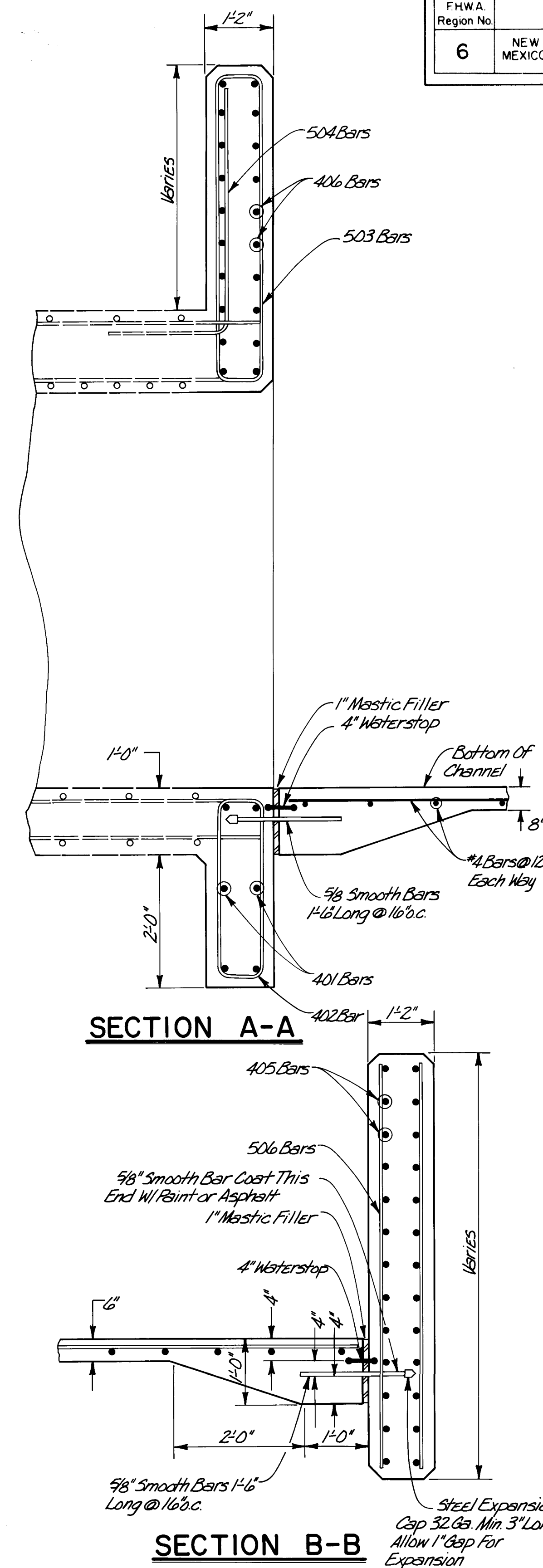
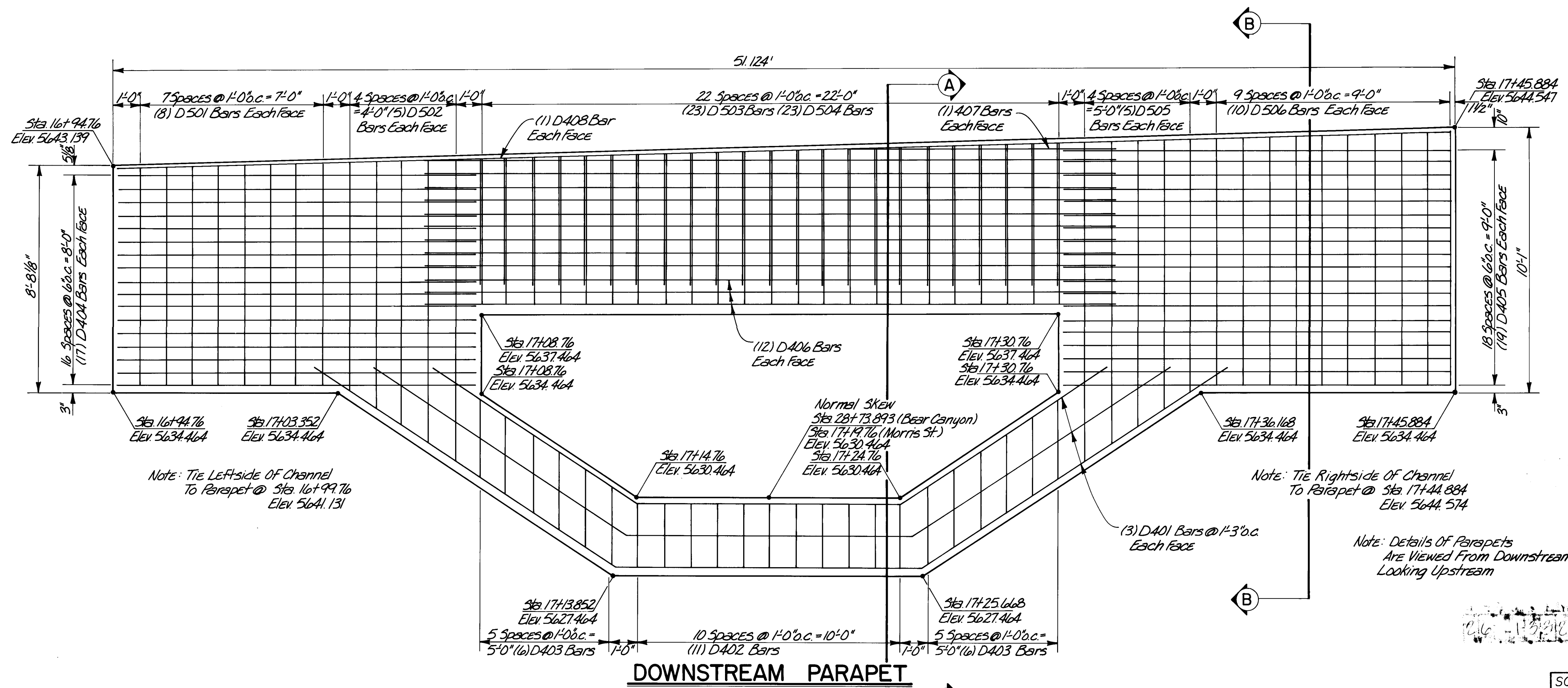
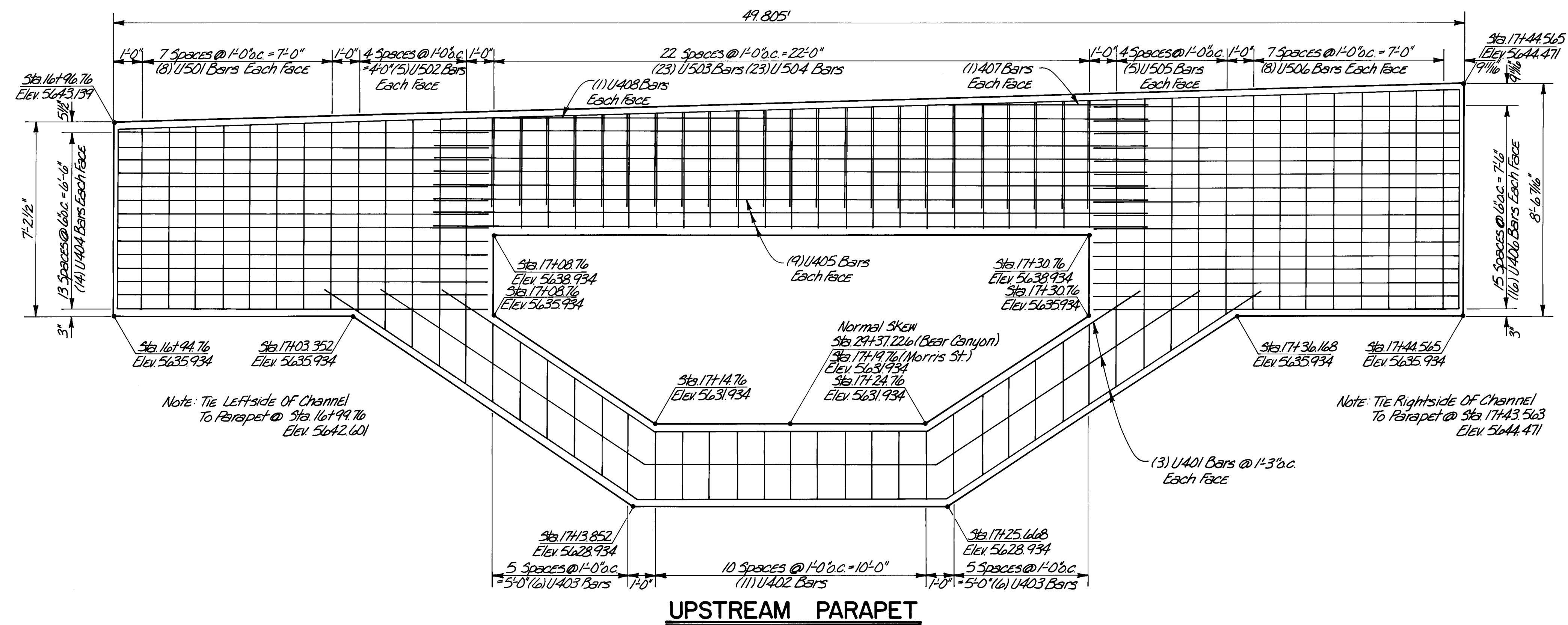
Scale : 1" = 2'



Scale : 1" = 2"



SHEET 7 OF 12

[illegible]

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	
-------------	--	------	---------------	--

SCALE: NO SCALE

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

1332

SHEET 9 OF 12

TYPICAL TYPE "B" RAIL DETAIL NO SCALE

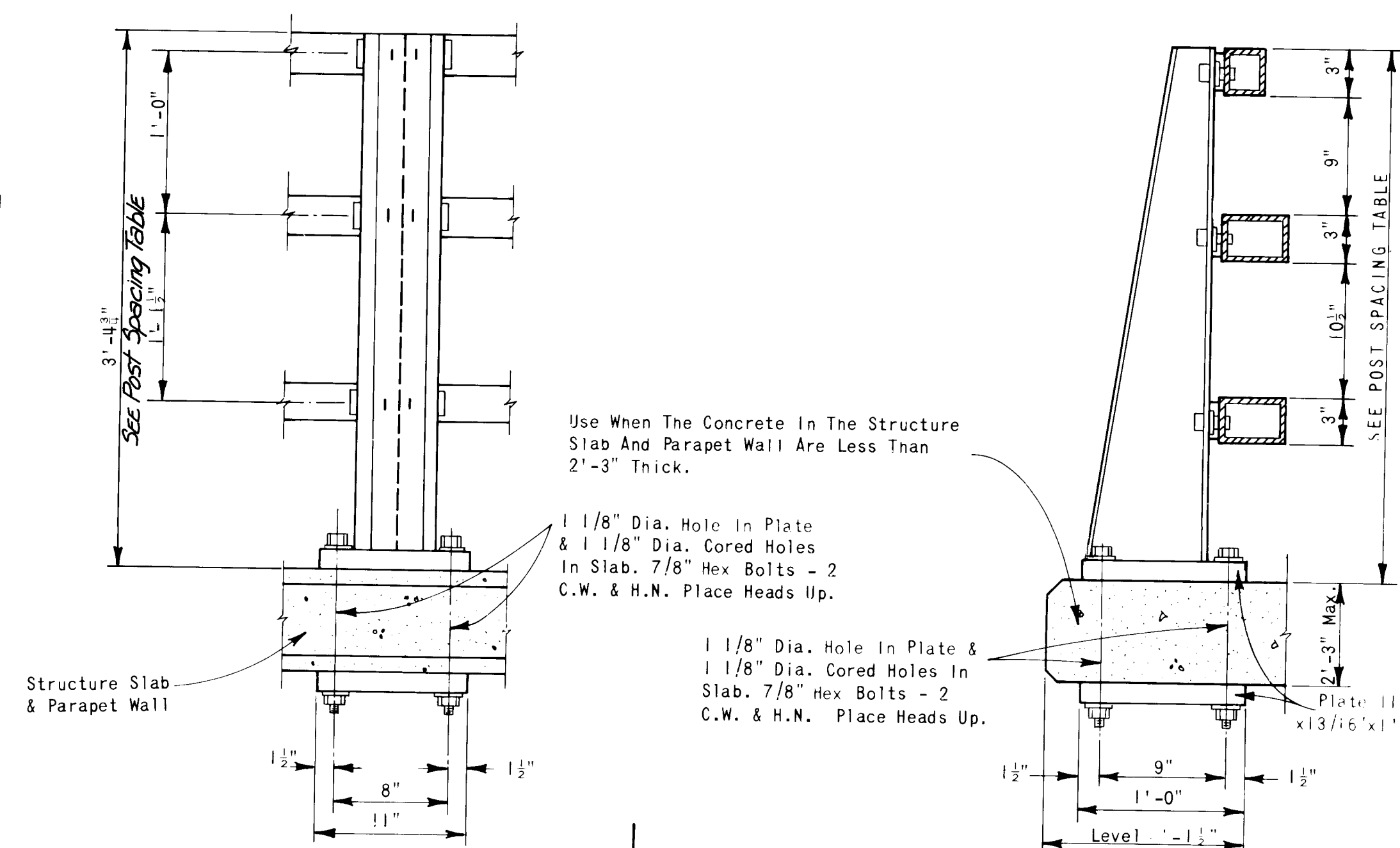
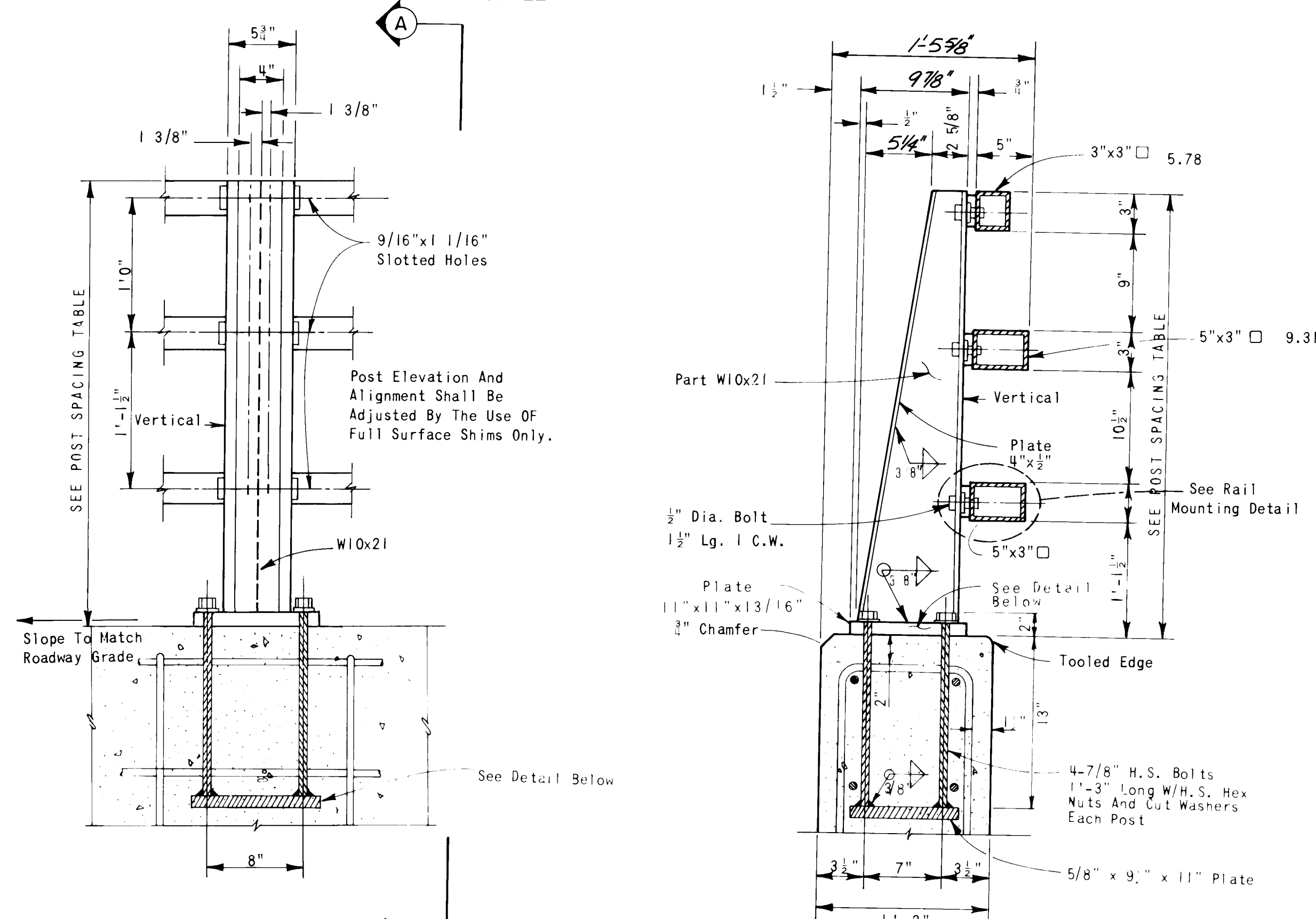
TYPICAL "B" RAIL DETAIL THROUGH RUNDOWN SECTION NO SCALE

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

GENERAL NOTES

PLAN	DATE	BY	DATE	BY
SURVEYED				
NOTED				
ALIGNED				
CHECKED				
BY				
DATE				

PROFILE	DATE	BY	DATE	BY
SURVEYED				
NOTED				
ALIGNED				
CHECKED				
BY				
DATE				



ELEVATION

ELEVATION

SECTION B-B

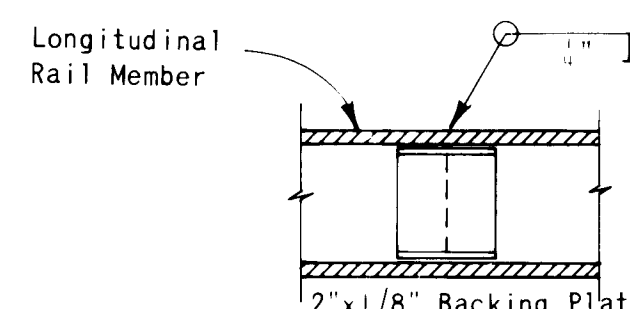
ANCHOR PLATE DETAIL

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 Str.	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

SECTION C-C

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 *ESA* DATE

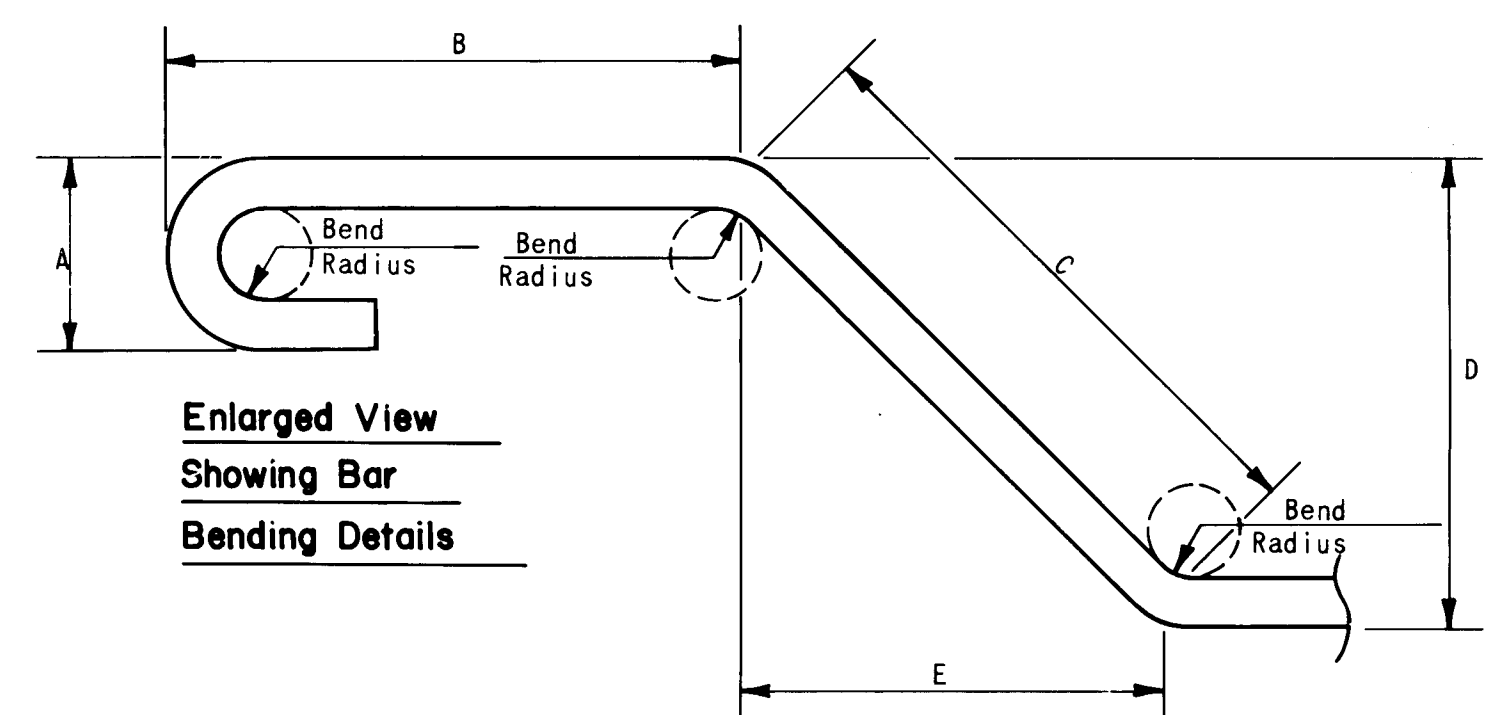
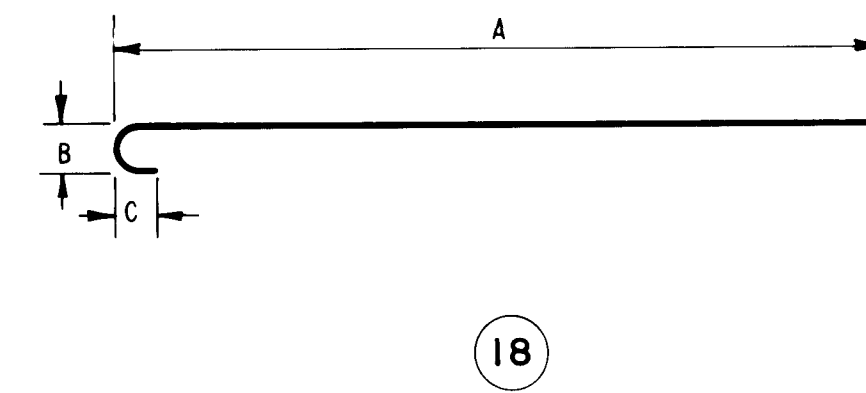
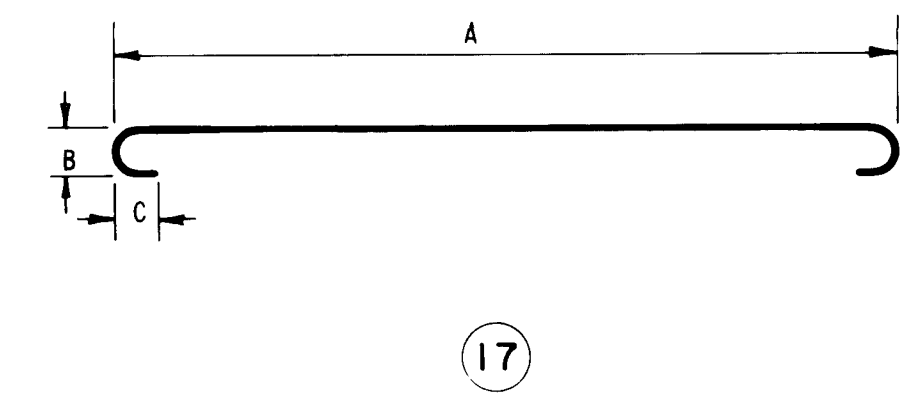
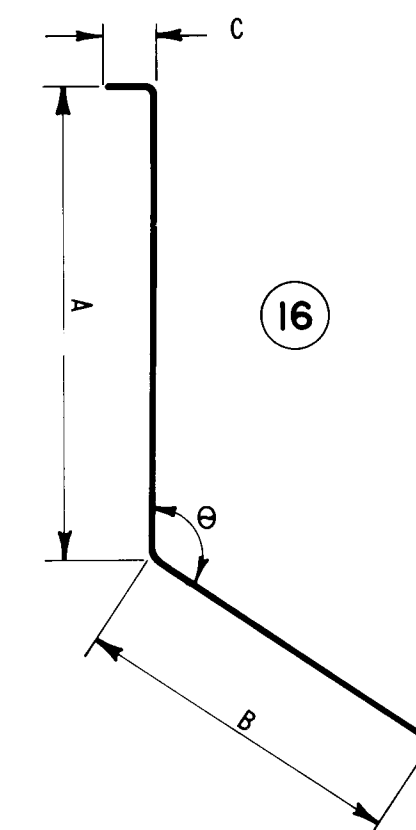
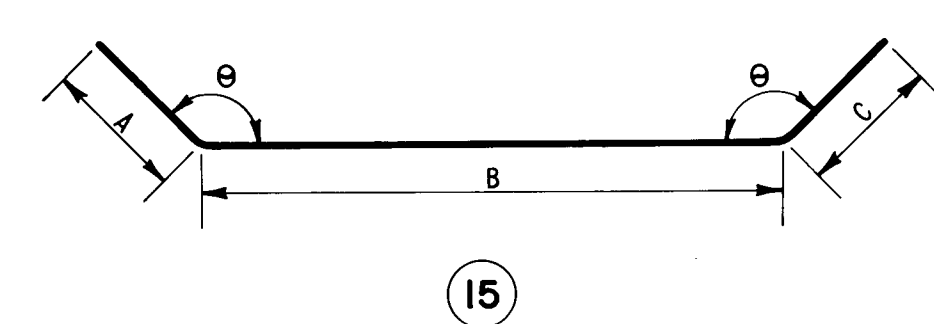
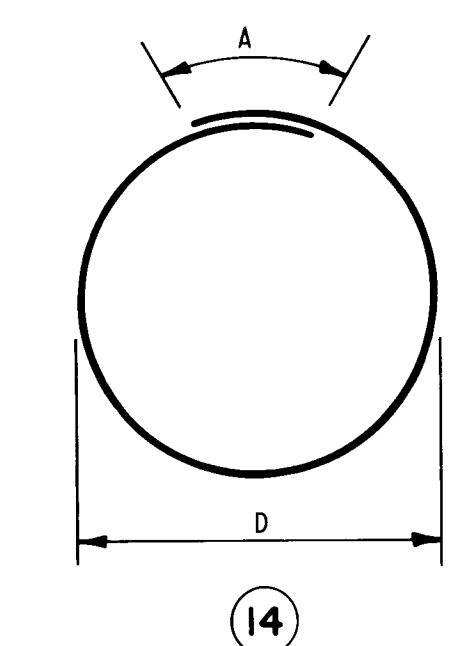
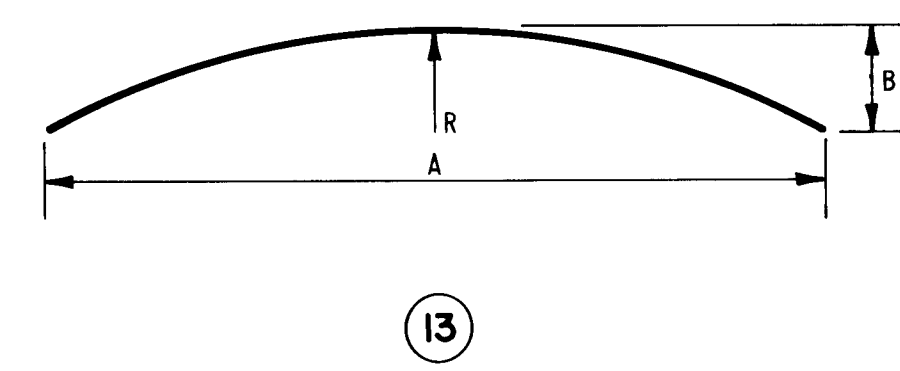
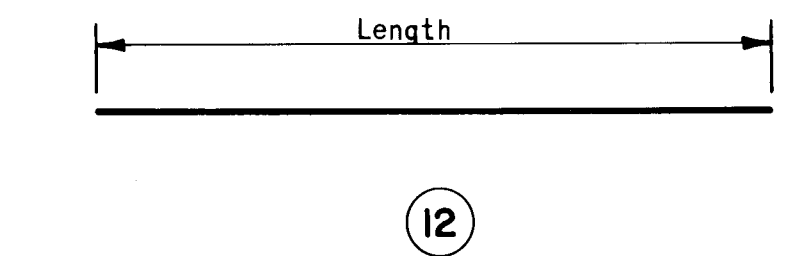
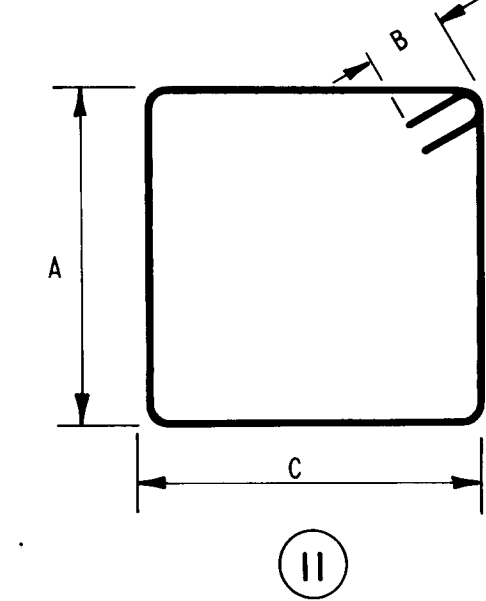
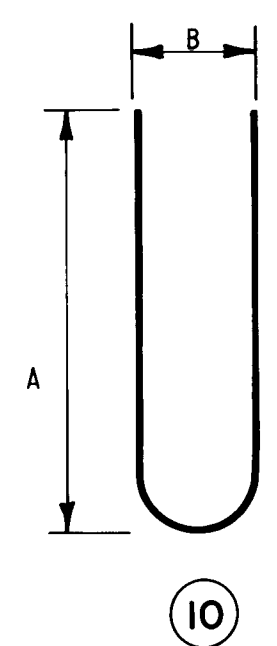
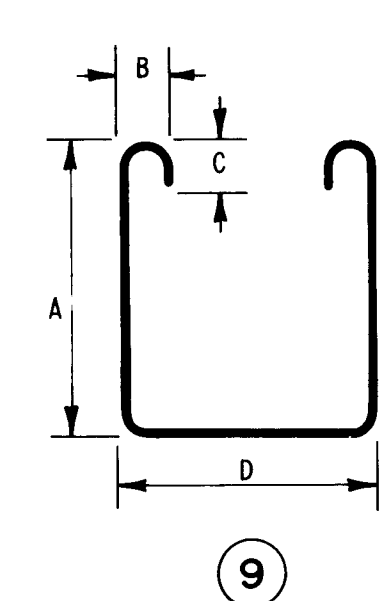
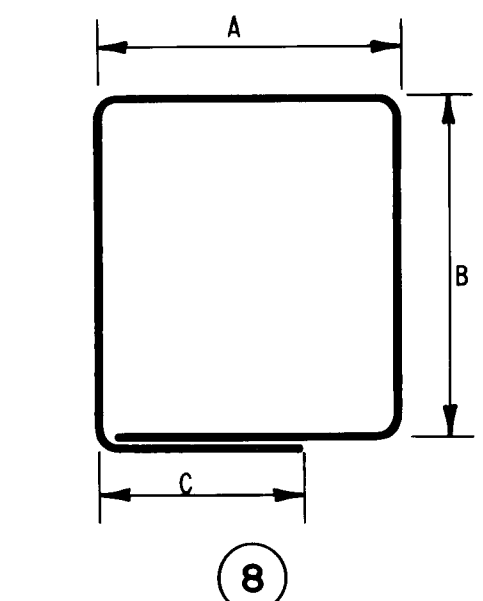
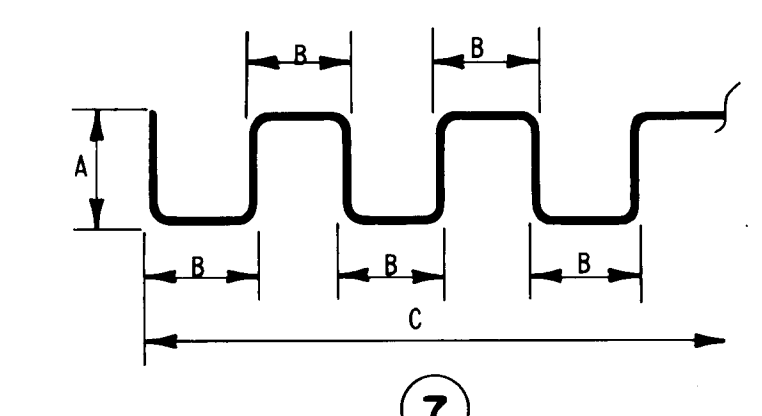
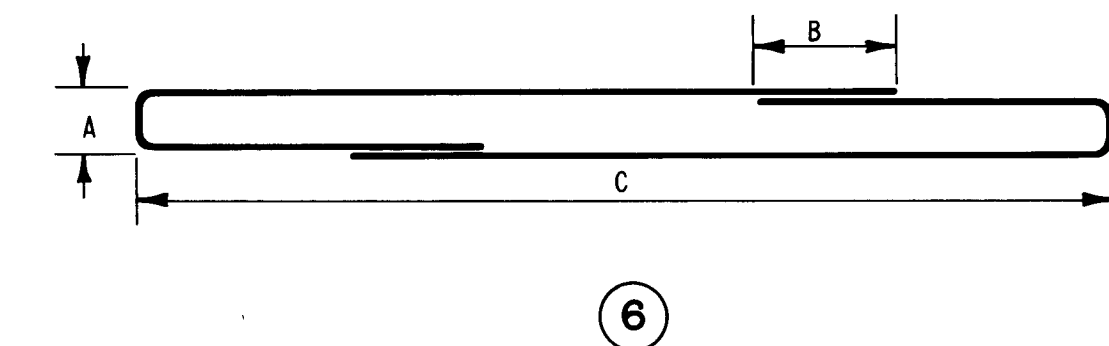
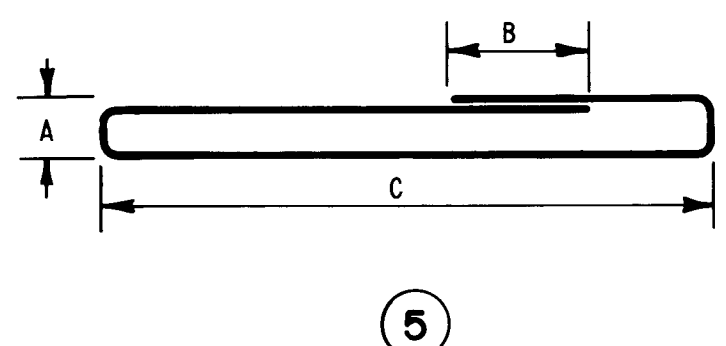
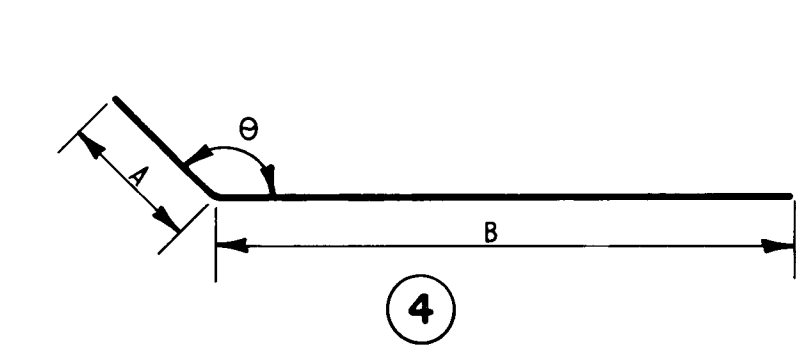
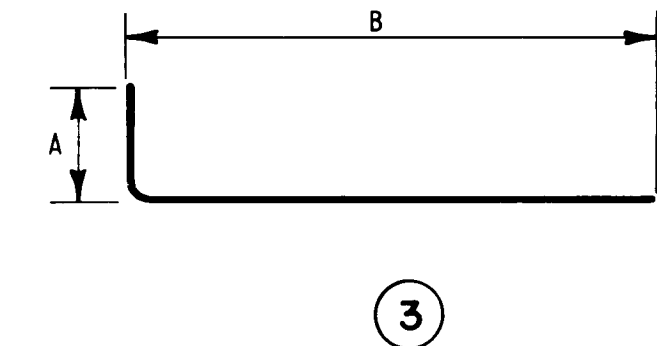
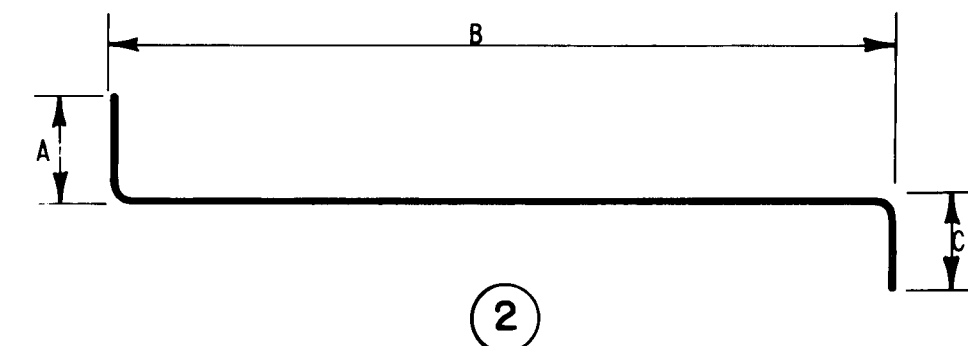
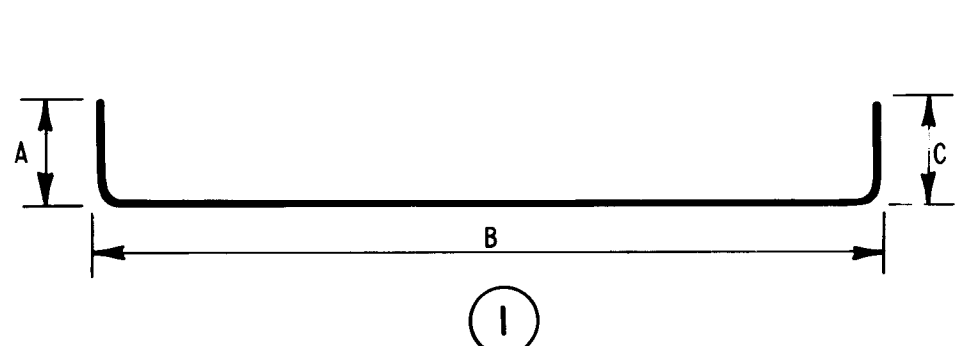
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
PROJECT # 3 MORRIS STREET TRAPEZOIDAL BOX RAILING DETAIL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
<i>CE</i>	<i>ESA</i>	<i>3/1/81</i>	<i>ACE DESIGN</i>	<i>Blanchard</i>	<i>12/2/81</i>
DRAWING NO. 1332					
SHEET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

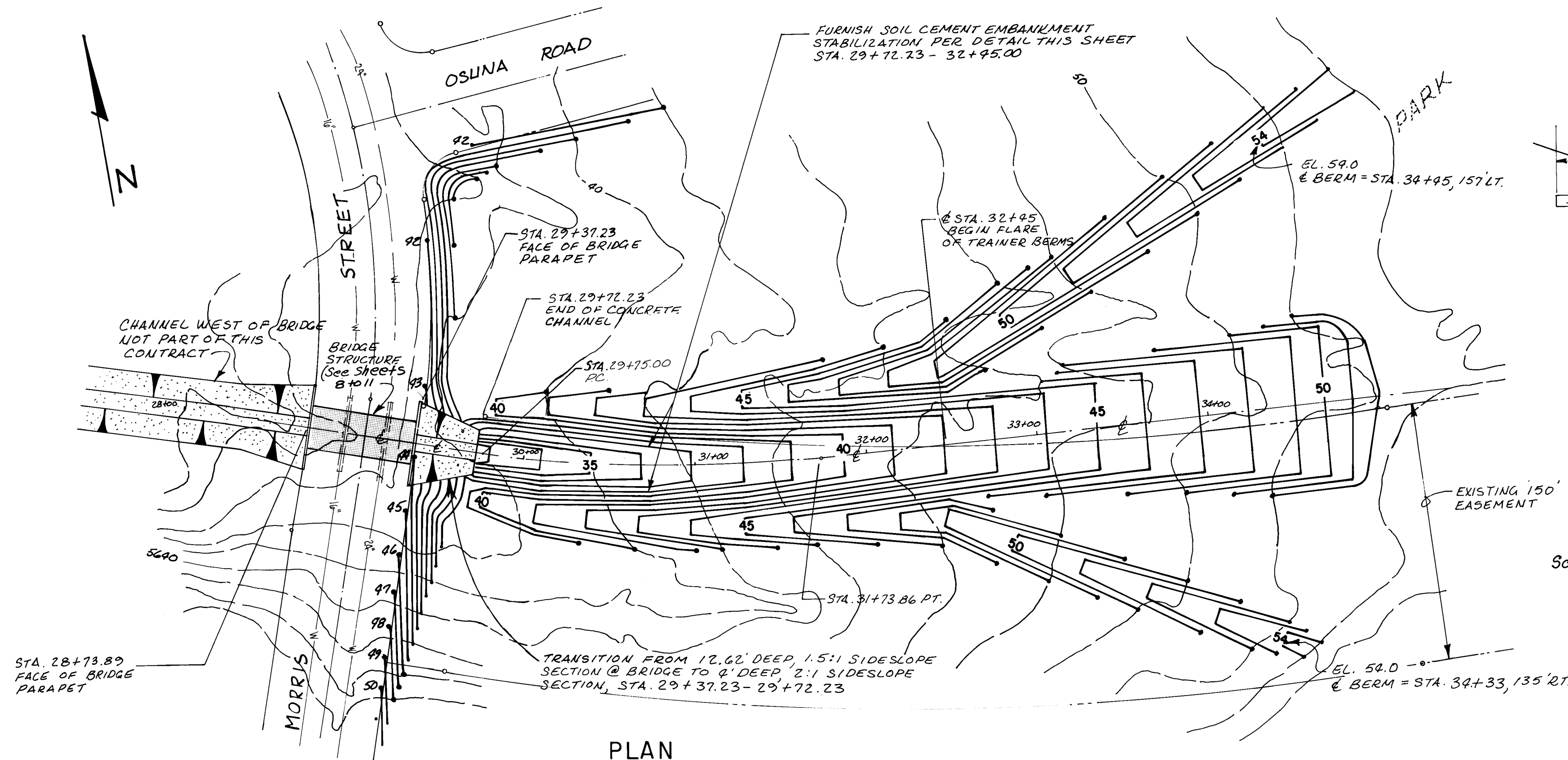
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
<i>CE</i>	<i>RSA</i>	<i>12/2/81</i>	<i>ACE</i>	<i>W.A. Burt</i>	
<i>ACE DESIGN</i>	<i>W.A. Burt</i>	<i>12/2/81</i>	<i>W.A. Burt</i>	<i>W.A. Burt</i>	
<i>PRC</i>	<i>W.A. Burt</i>	<i>12/2/81</i>	<i>W.A. Burt</i>	<i>W.A. Burt</i>	

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



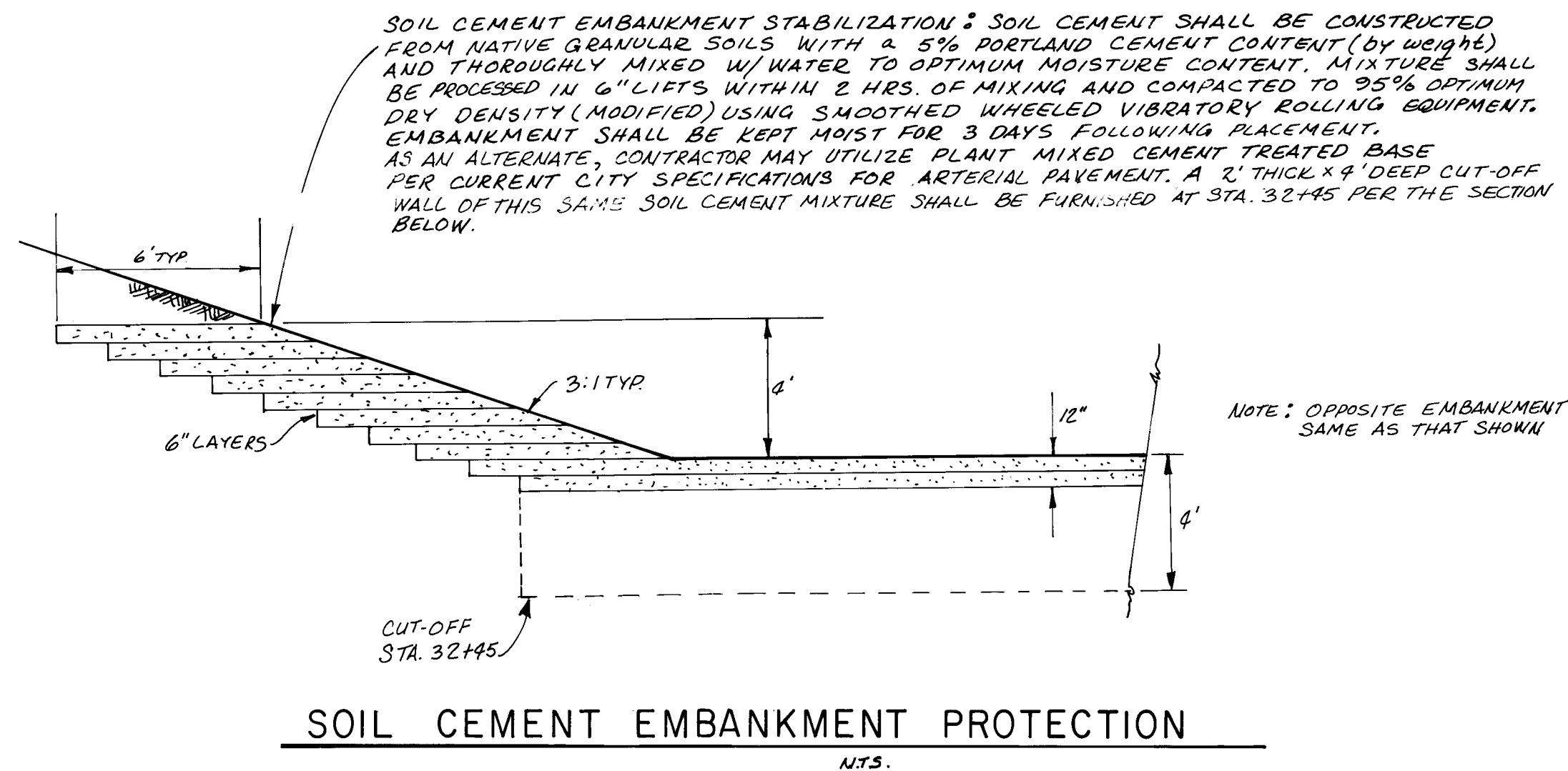
PLAN

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+72.23 | 10' | 33+00 | 40' |
| 31+00.00 | 15' | 34+00 | 62' |
| 32+00.00 | 25' | 36+77.66 | 88' |

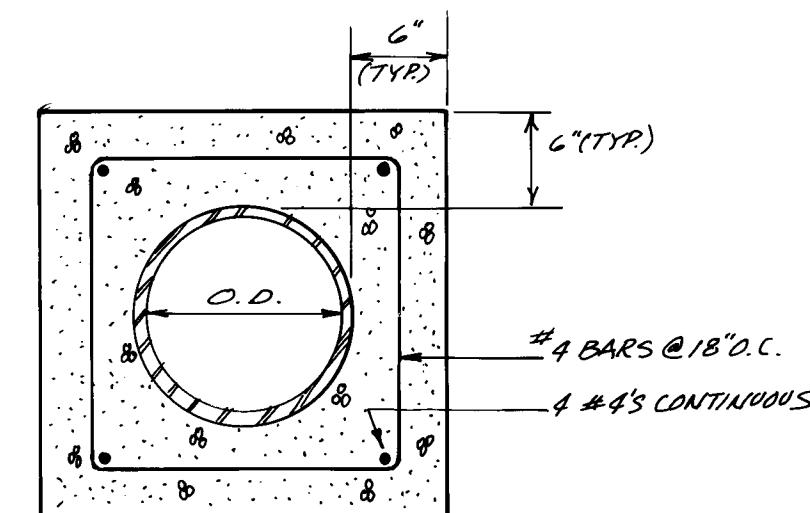
Curve Data (Channel)

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

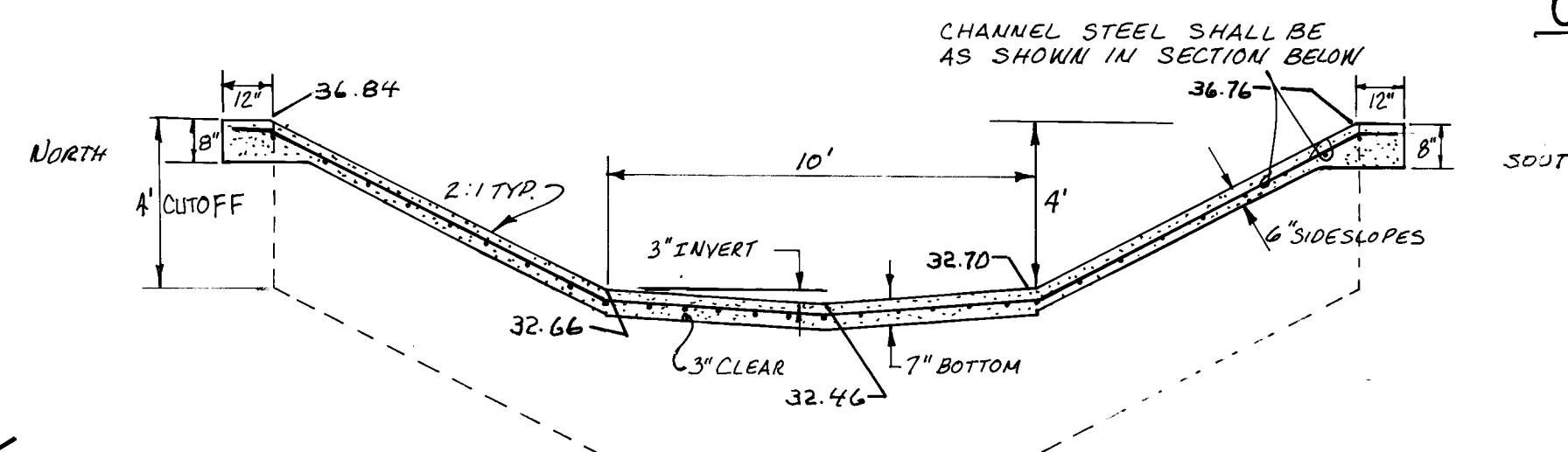


SOIL CEMENT EMBANKMENT PROTECTION

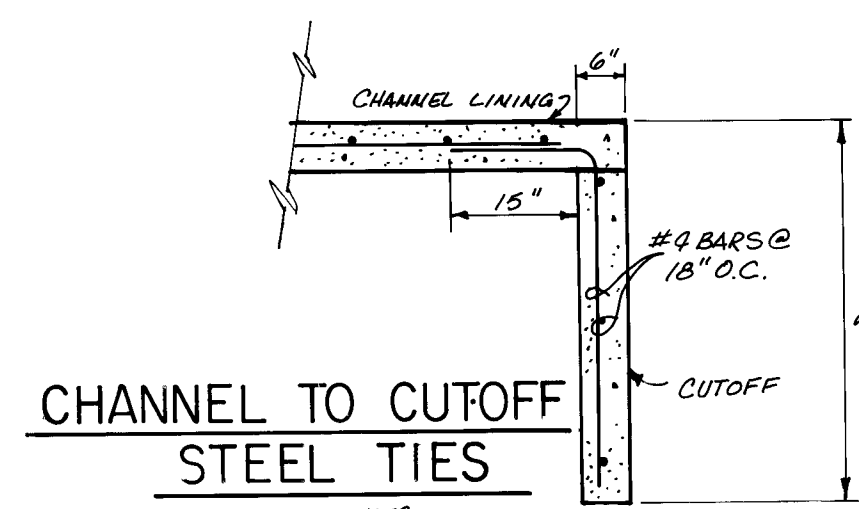
SCALE: 1" = 50 HORIZ.
 1" = 5 VERT.



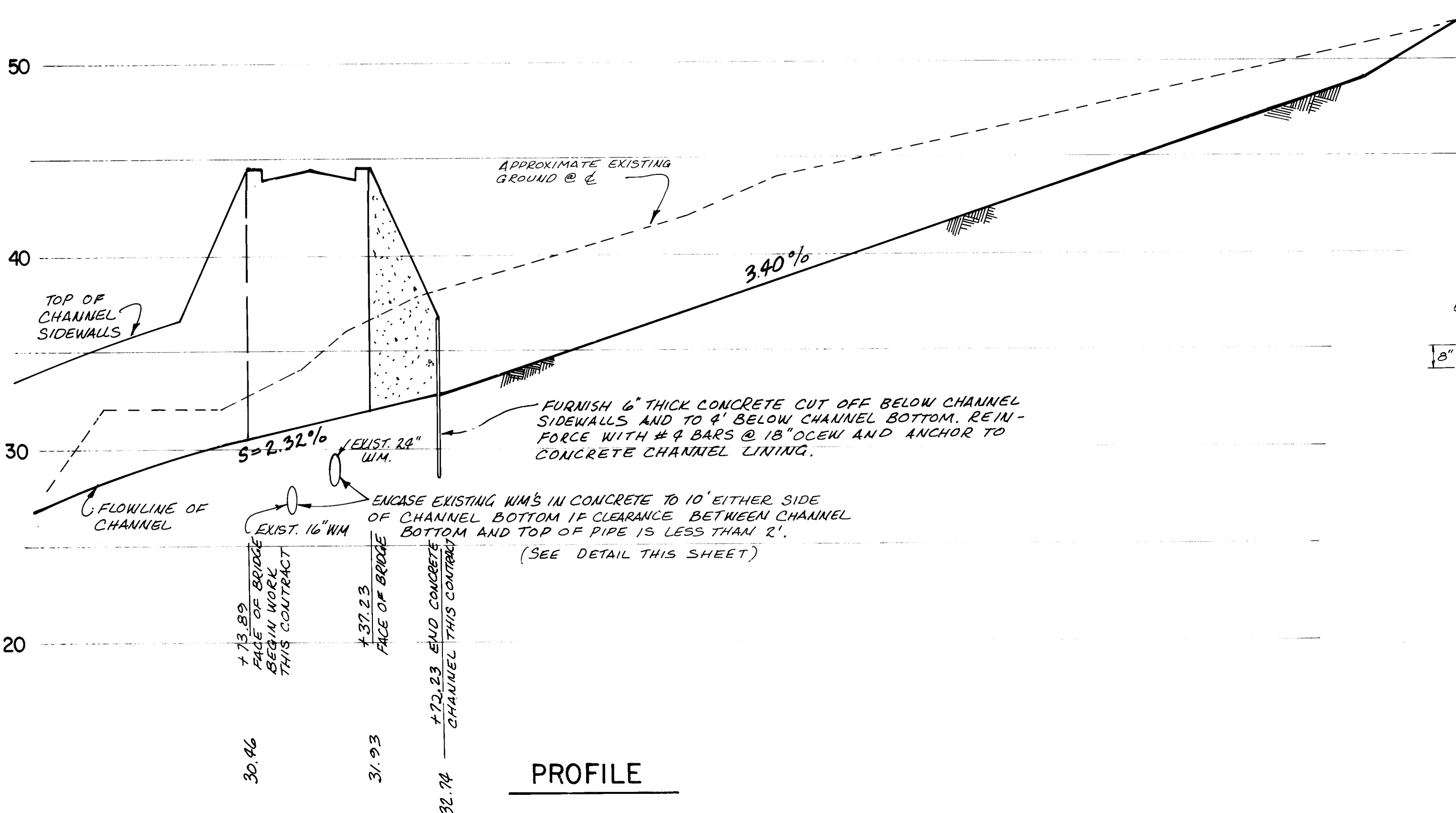
CONCRETE PIPE ENCASEMENT
DETAIL



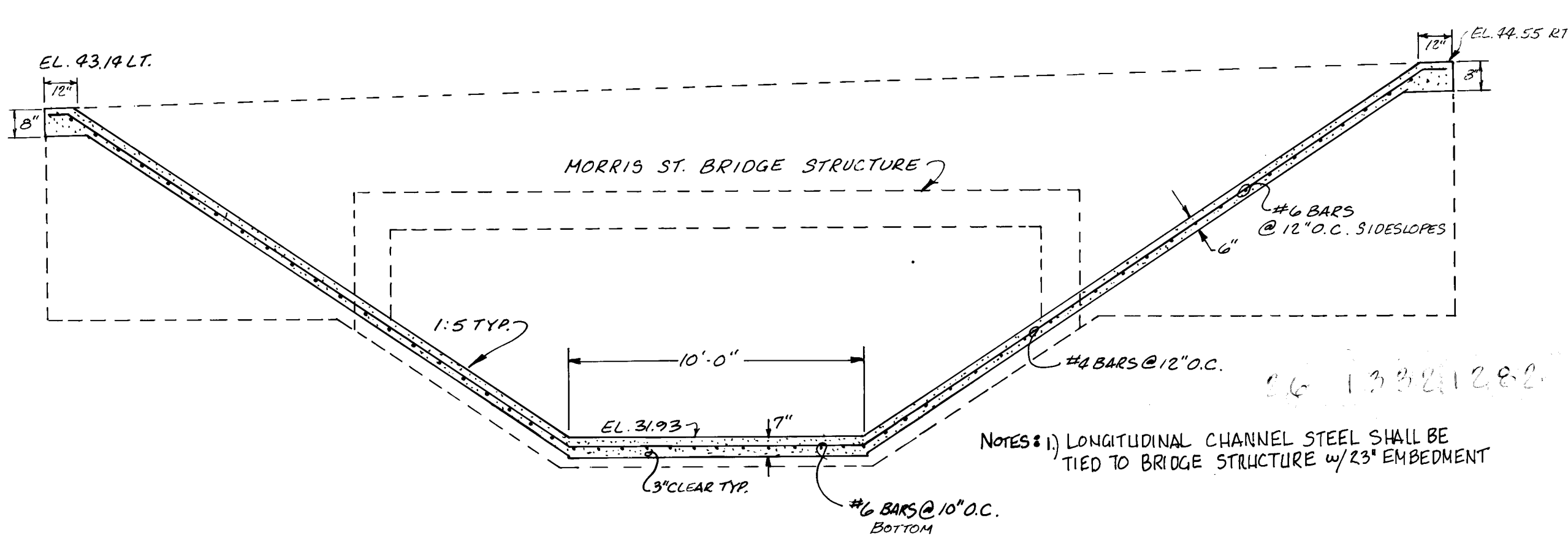
CHANNEL SECTION STA. 29+72.23



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.W. DATE: " "					
CHECKED BY: C.W.W. DATE: " "					
DRAWING NO. 1332			SHEET 12 OF 12		