

CITY OF ALBUQUERQUE, NEW MEXICO

PORTED RISERS 2012

CONSTRUCTION PLANS FOR

PORTED RISERS

UNSER BLUEWATER DAM

CITY PROJECT NO. 4400.03

INDEX OF DRAWINGS

SHEET	DESCRIPTION
1	C-001 COVER SHEET
2	C-500 MISCELLANEOUS DETAILS
3	C-501 FRAME & DOOR DETAILS
4	SHEET 7 OF 19 UNSER BLUEWATER DAM 42" STORM DRAIN – STA. 10+00 TO STA. 12+31 AS-BUILTS – FOR INFORMATION ONLY
5	SHEET 10 OF 19 UNSER BLUEWATER DAM EXIST. UTILITIES & POND STRUCTURE DETAILS AS-BUILTS – FOR INFORMATION ONLY

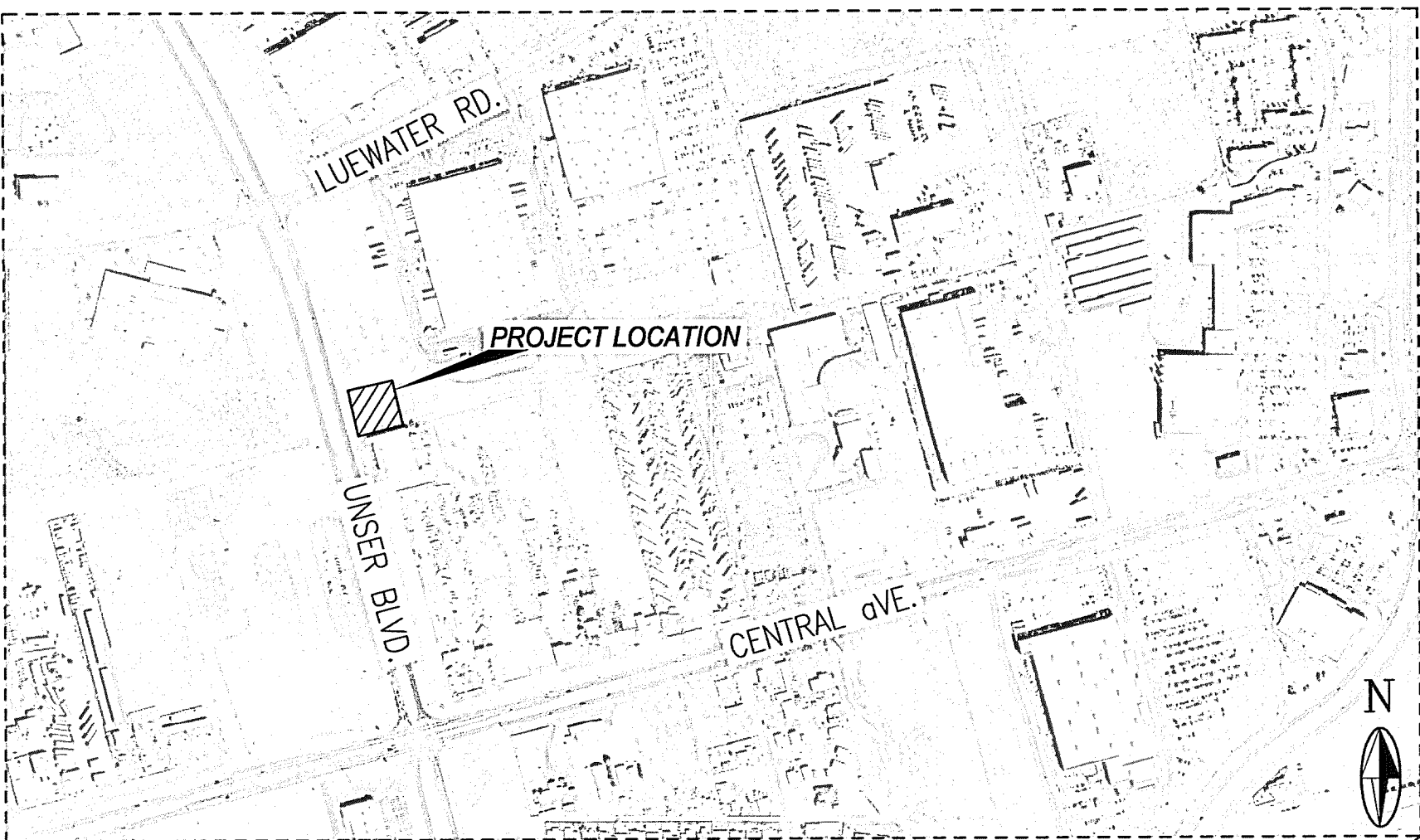
Construction Project Information

City Inspector: Olga Lopez
City Project Coordinator: Not Applicable
Urban Program Supervisor: Don Morales
Construction Engineer: Bryan Wolfe
Contractor: Albuquerque Asphalt
Contractor Project Manager: Dan Fisher
Surveyor: Not Applicable
City Project Manager: Sertil Kanbar
Letter of Acceptance Date: April 19, 2013

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR THE CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS INSTRUMENT ARE OWNED BY AND THE PROPERTY OF MOLZEN-CORBIN & ASSOCIATES, AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. THESE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL NOT BE USED BY ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF MOLZEN-CORBIN & ASSOCIATES.

THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS, AND PREVIOUS CONSTRUCTION DOCUMENTS. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES AND UTILITY CONNECTION POINTS IN THE VICINITY OF REQUIRED WORK MAY BE DIFFERENT FROM THE LOCATION SHOWN ON THESE DRAWINGS. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHALL A CONFLICT EXIST THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.



VICINITY MAP ENLARGEMENT



VICINITY MAP
COA ZONE ATLAS MAP K-10

MOLZENCORBIN

2701 Miles Road SE
Albuquerque, New Mexico 87106
505 242 5700 office
505 242 0673 fax
MolzenCorbin.com

RECORD DRAWING ACCEPTANCE:

THIS SET OF DRAWINGS IS ACCEPTED FOR RECORD PURPOSES BY:

Bryan Wolfe, BRYAN WOLFE, P.E. 4/5/2013
BOA DATE

CERTIFICATION:

I, DANIEL W. HOGAN, REGISTERED PROFESSIONAL ENGINEER NO. 9094
HEREBY CERTIFY THAT THE FOLLOWING PLANS AND DESIGNS WERE MADE
UNDER MY SUPERVISION AND DIRECTION AND THAT SAME IS TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Daniel W. Hogan 10-23-12
N.M.P.E. NO. 9094

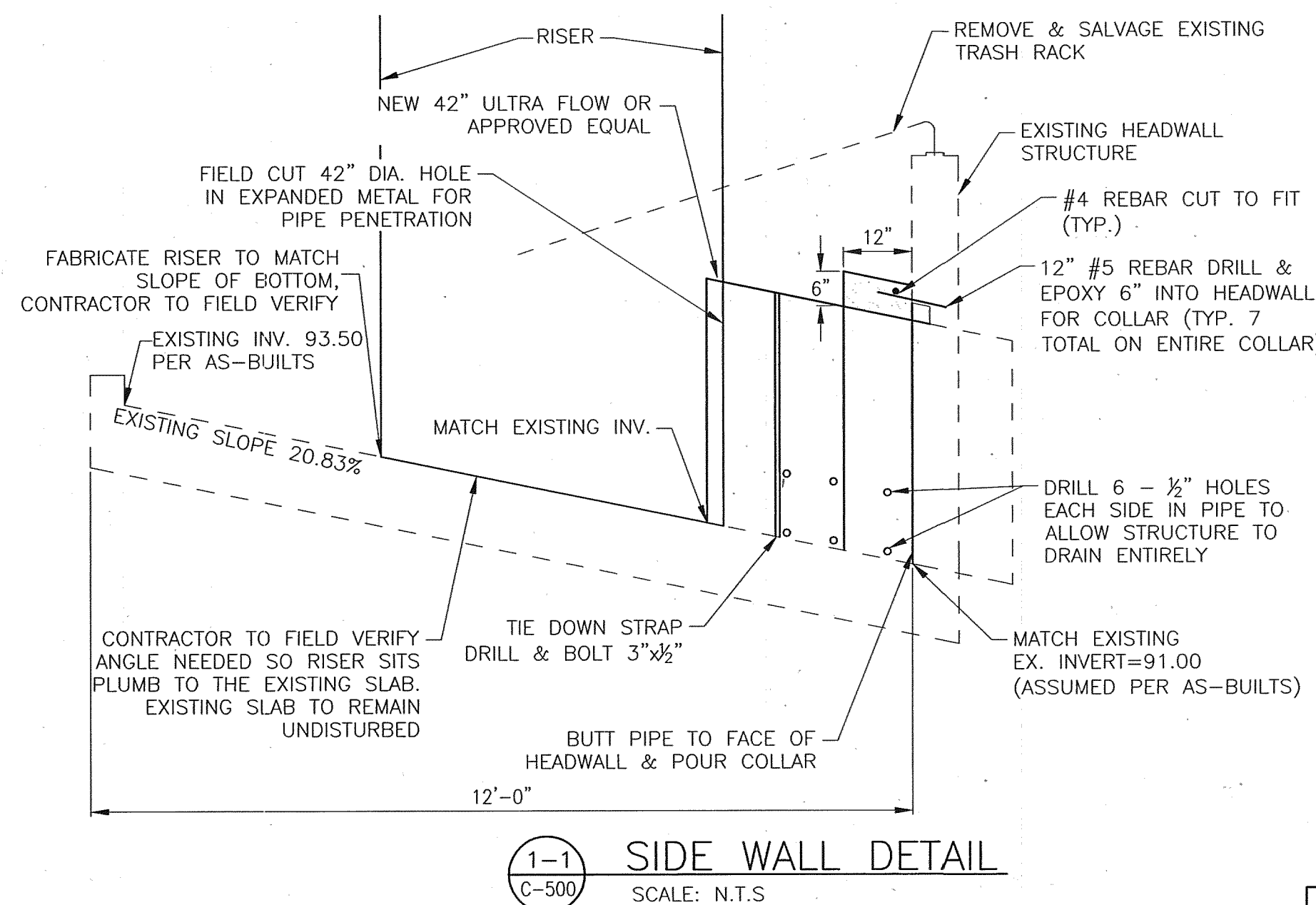
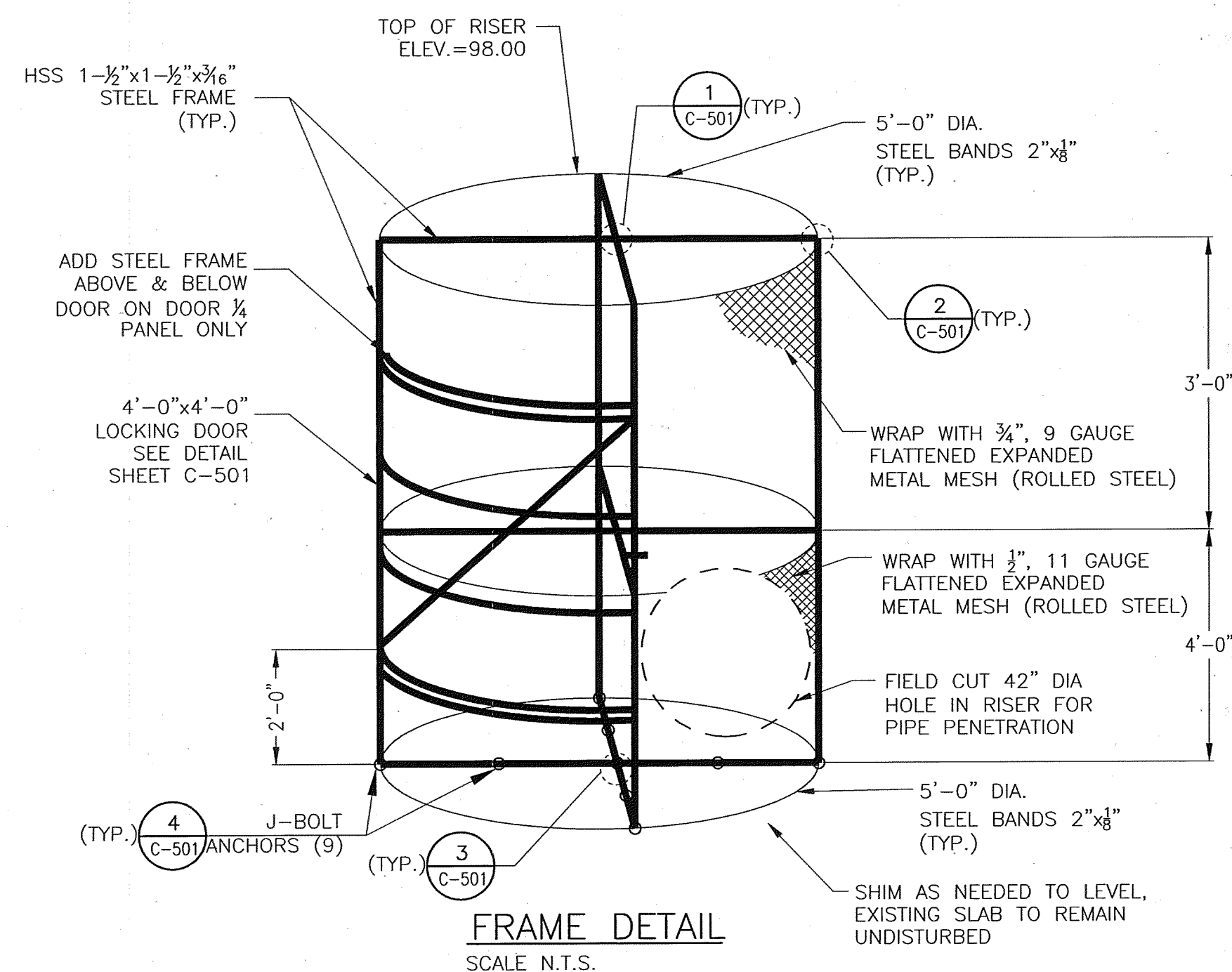
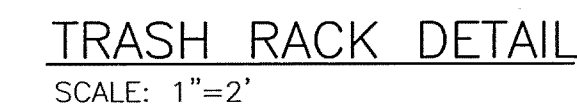
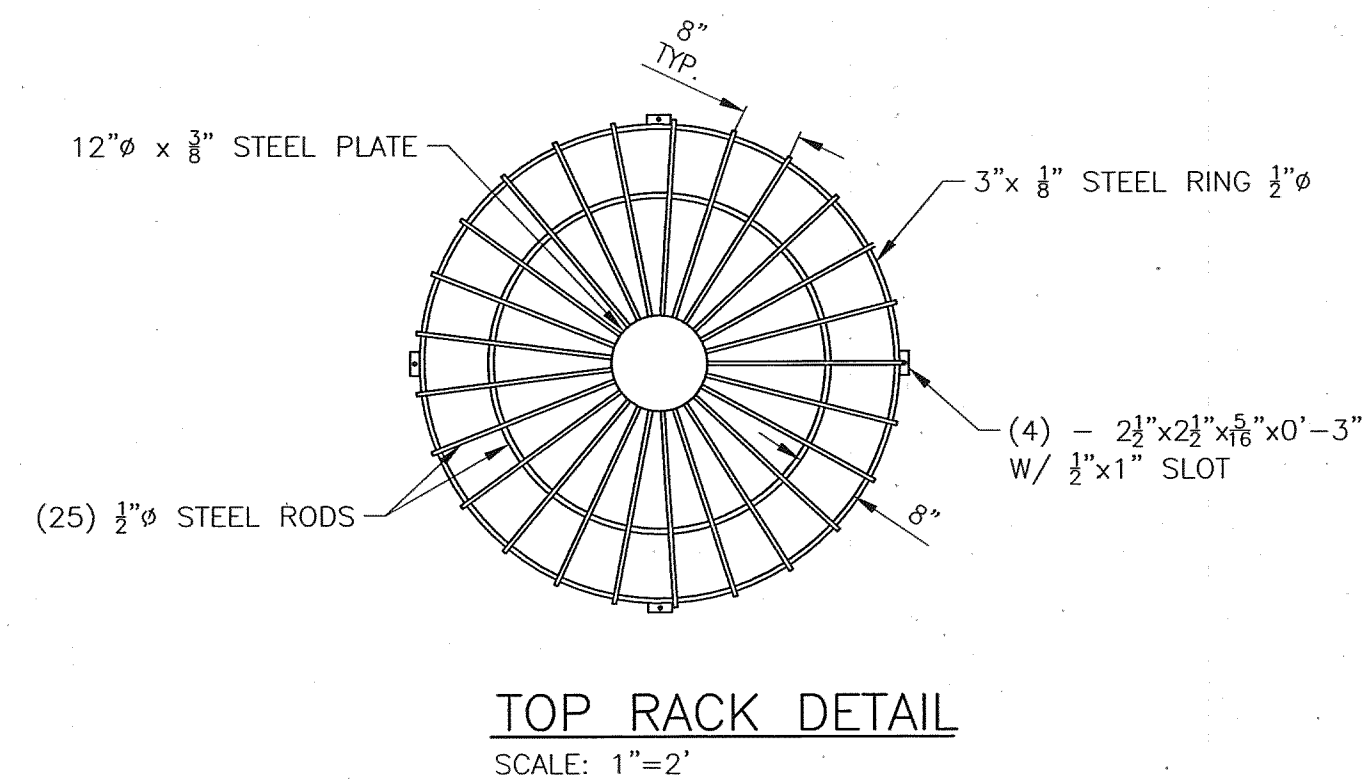
RECORD DRAWING	
DATE: 03/2013	DRAWN BY: MOLZEN CORBIN
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.	
NUMERIC SCALE CONFIRMATION DRAWINGS ARE DEPICTED AT INTENDED NUMERIC SCALES IF THIS BAR EQUALS ONE INCH	


REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
				APPROVALS	ENGINEER	DATE	*****
				DRC Chairman	<i>Woodall</i>	10/24/12	APPROVED FOR CONSTRUCTION
				Transportation	N/A	1	
				Water/Wastewater	<i>Sanchez</i>	10-24-12	
				Hydrology	Sertil Kanbar	10-24-12	
				Aviation			
				Constr. Mngnt.			
				City Project No.	4400.03	Sheet	1 of 5
							G-001

2 6 - 4 4 0 0 . 0 3 - 1 3



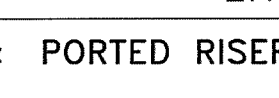
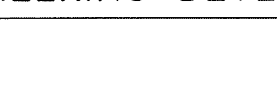
1. RISER COMPONENTS SHALL BE JOINED WITH CONTINUOUS FILLET WELDS. GRIND OFF ALL BURRS AND SHARP EDGES.
2. STRUCTURE SHALL BE SHIMMED AS NECESSARY PRIOR TO FIELD WELDING.
3. NO SURFACE TREATMENT REQUIRED ON STEEL
4. TACK WELD EXPANDED METAL MESH TO FRAME AT 3" O.C.
5. TACK WELD ALL BOLTS TO DETER THEFT
6. USE FLATTENED EXPANDED METAL ON ENTIRE PROJECT

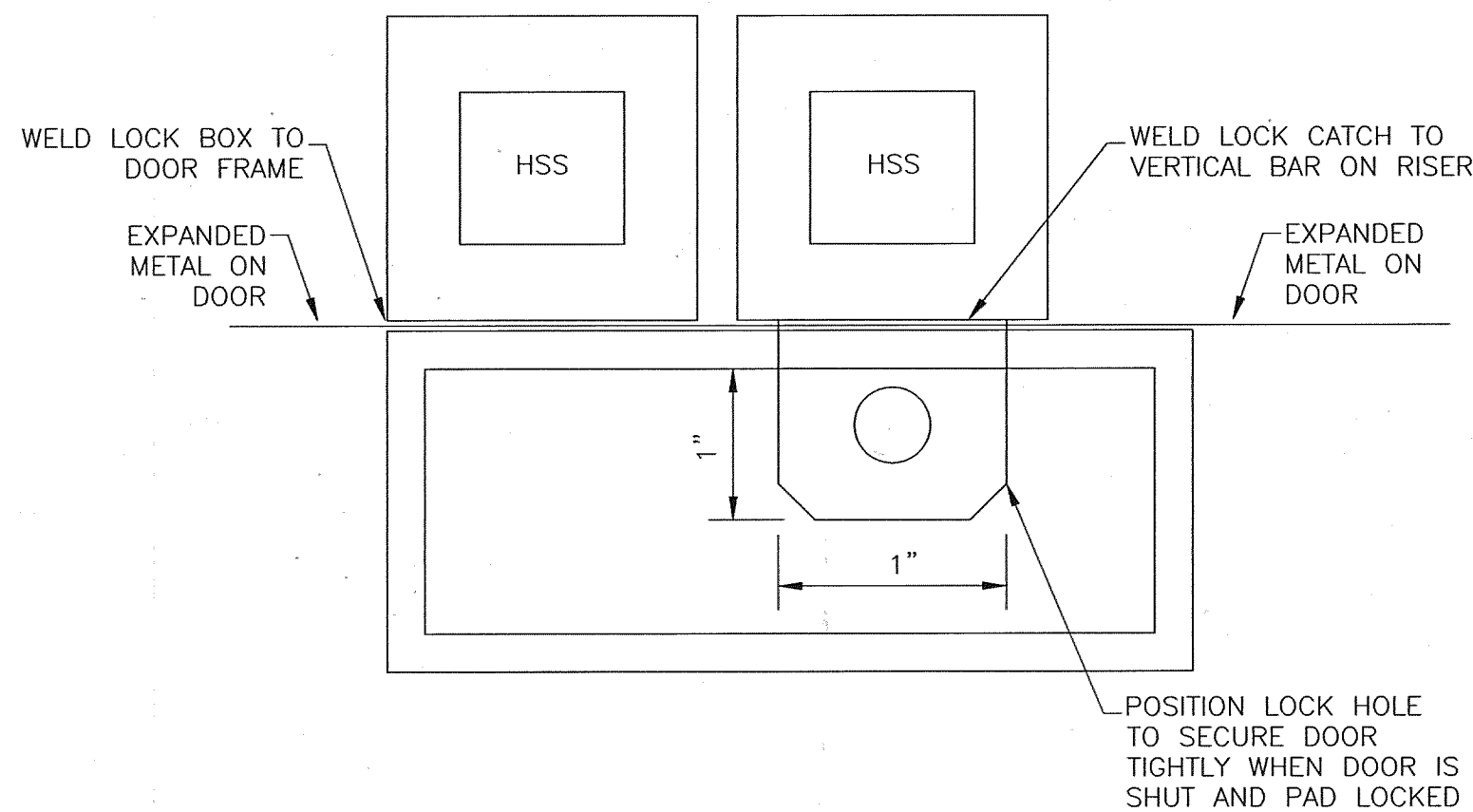


ENGINEER'S SEAL				SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
<div> 10-03-12</div>				FIELD NOTES			ELEVATIONS ARE PER AS-BUILT DRAWINGS FOR THE USER / BLUEWATER DAM			CONTRACTOR		
				NO.	BY	DATE				STARTED BY		
										INSPECTOR'S		
										ACCEPTANCE BY		
										FIELD VERIFICATION BY		
										DATE CORRECTED BY		
										MICRO-FILM INFORMATION		
DESIGNED BY	DH	DATE	SEPT. 2012									
DRAWN BY	JLB	DATE	SEPT. 2012									
CHECKED BY		DATE	SEPT. 2012									
APPROVED BY		DATE	SEPT. 2012									
DATE												
REVISIONS												
DESIGN												

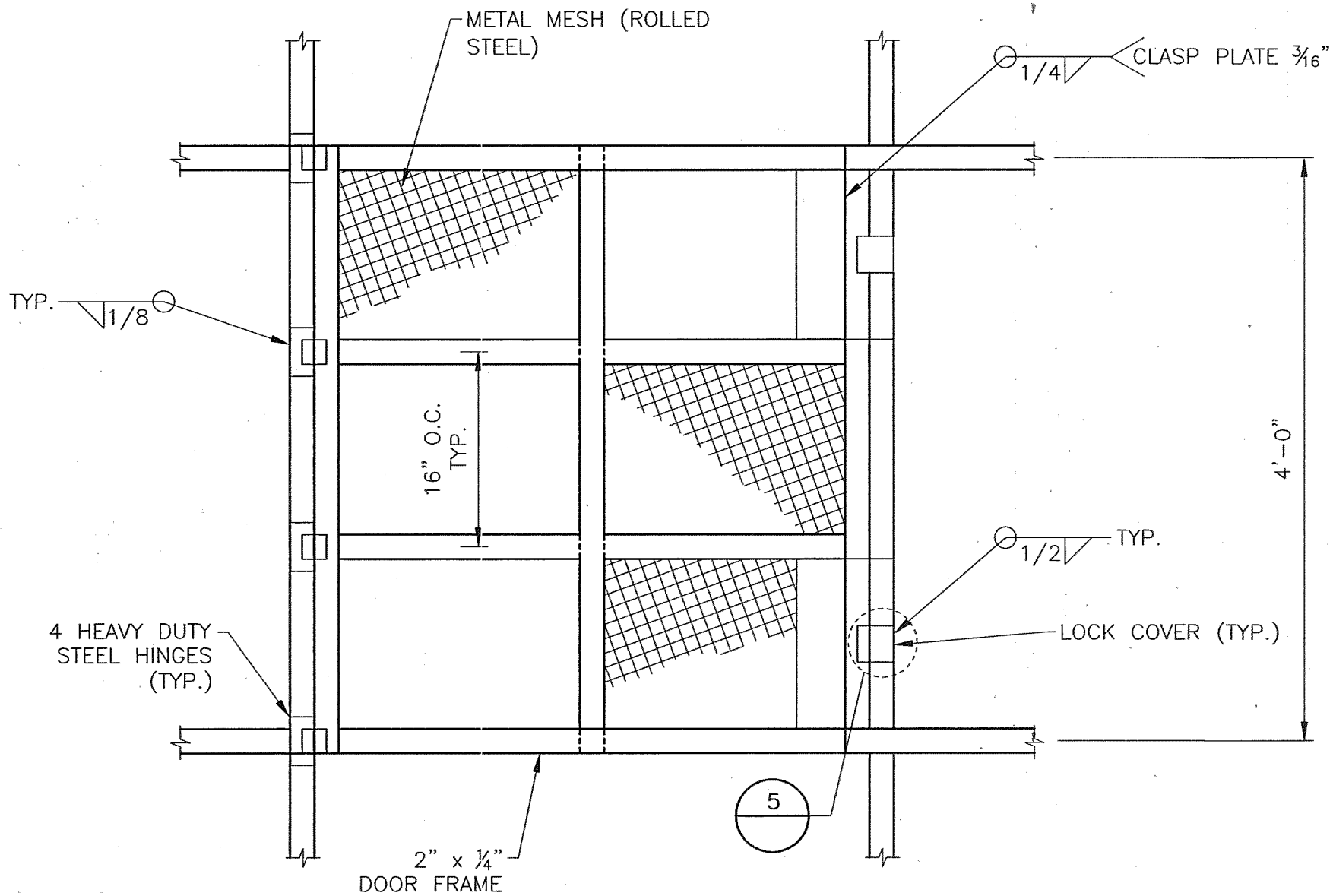
RECORD DRAWING	
DATE: 03/2013	DRAWN BY: MOLZEN CORBIN
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MOLZENCORBIN

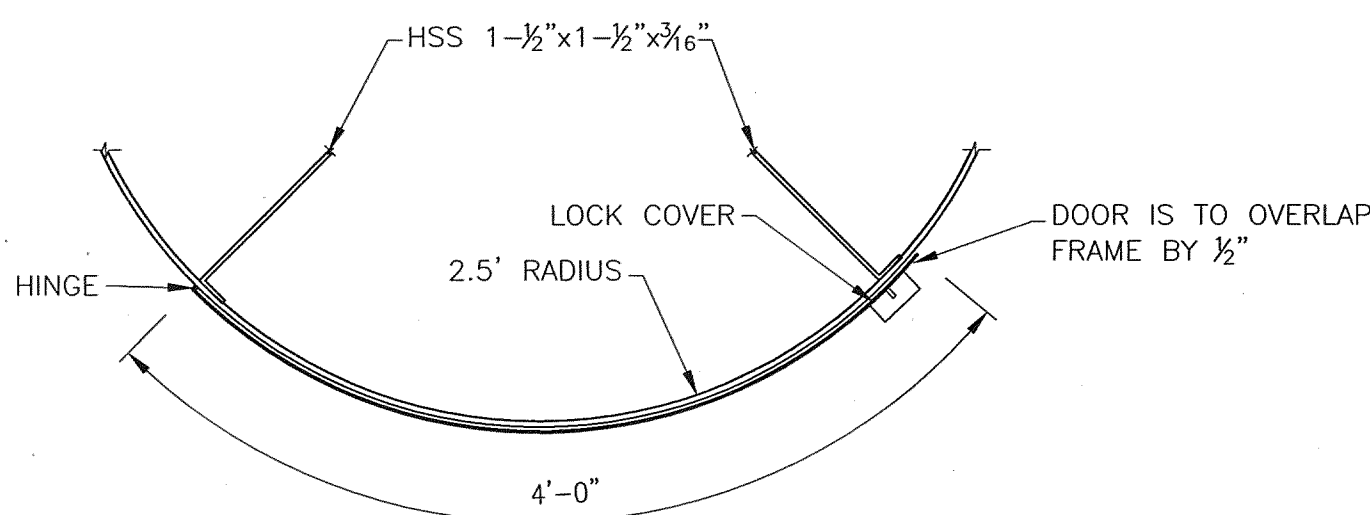
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP													
TITLE: PORTED RISERS													
UNSER BLUEWATER DAM MISCELLANEOUS DETAILS													
Design Review Committee	City Engineer Approval	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> </tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.								
Mo./Day/Yr.	Mo./Day/Yr.												
 <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <div style="border: 1px solid black; padding: 2px; font-weight: bold; font-size: 1.2em;">APPROVE</div> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">OCT 24 2012</div> <div style="border: 1px solid black; padding: 2px; font-weight: bold; font-size: 0.8em;">DESIGN REVIEW COMMITTEE</div> </div>	 <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <div style="border: 1px solid black; padding: 2px; font-weight: bold; font-size: 1.2em;">APPROVE</div> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">OCT 24 2012</div> <div style="border: 1px solid black; padding: 2px; font-weight: bold; font-size: 0.8em;">CITY ENGINEER</div> </div>	K-10	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 2px;">Sheet</td> <td style="width: 33%; padding: 2px; text-align: center;">2</td> <td style="width: 33%; padding: 2px;">Of</td> <td style="width: 33%; padding: 2px; text-align: center;">5</td> </tr> <tr> <td colspan="4" style="padding: 10px; text-align: center;"> <div style="font-size: 1.5em; font-weight: bold;">C-500</div> </td> </tr> </table>	Sheet	2	Of	5	<div style="font-size: 1.5em; font-weight: bold;">C-500</div>					
Sheet	2	Of	5										
<div style="font-size: 1.5em; font-weight: bold;">C-500</div>													



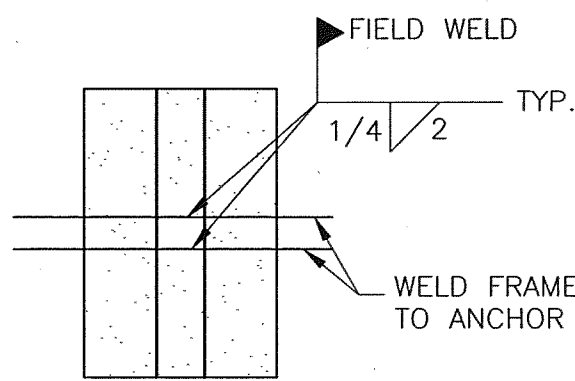
LOCK CATCH DETAIL
SCALE: N.T.S.



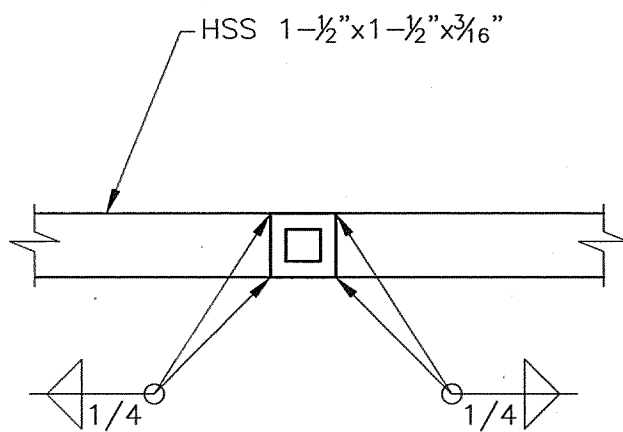
DOOR DETAIL
SCALE: N.T.S.



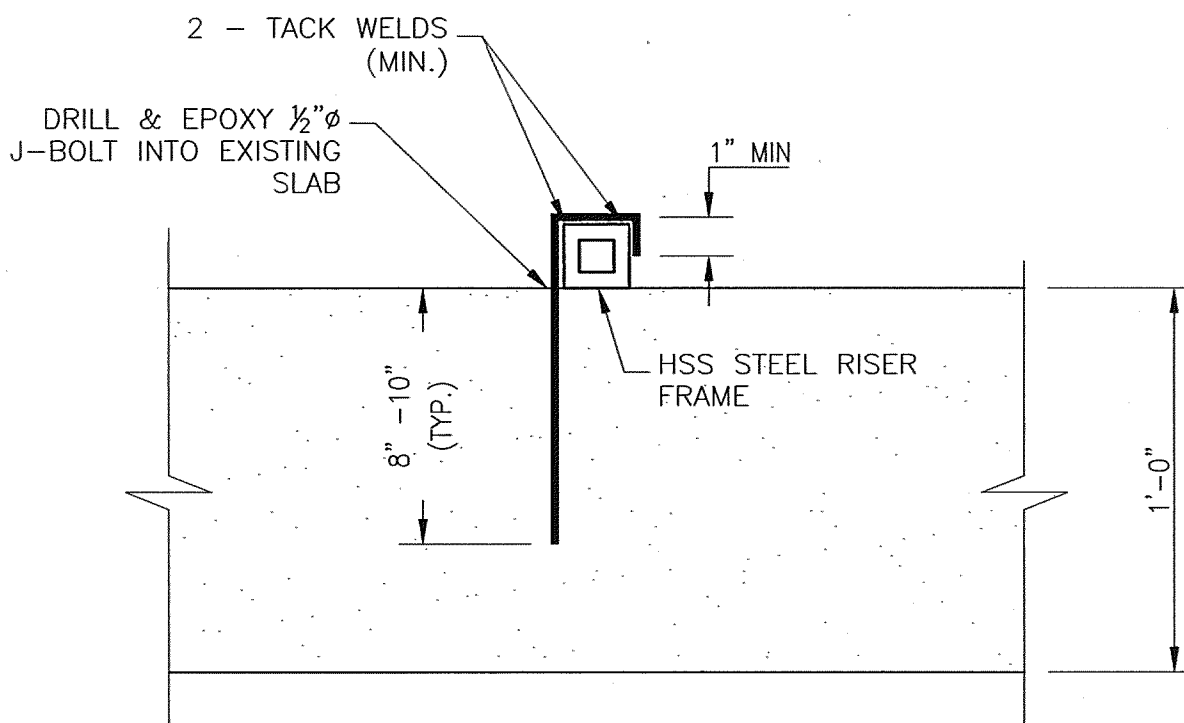
5 DOOR DETAIL
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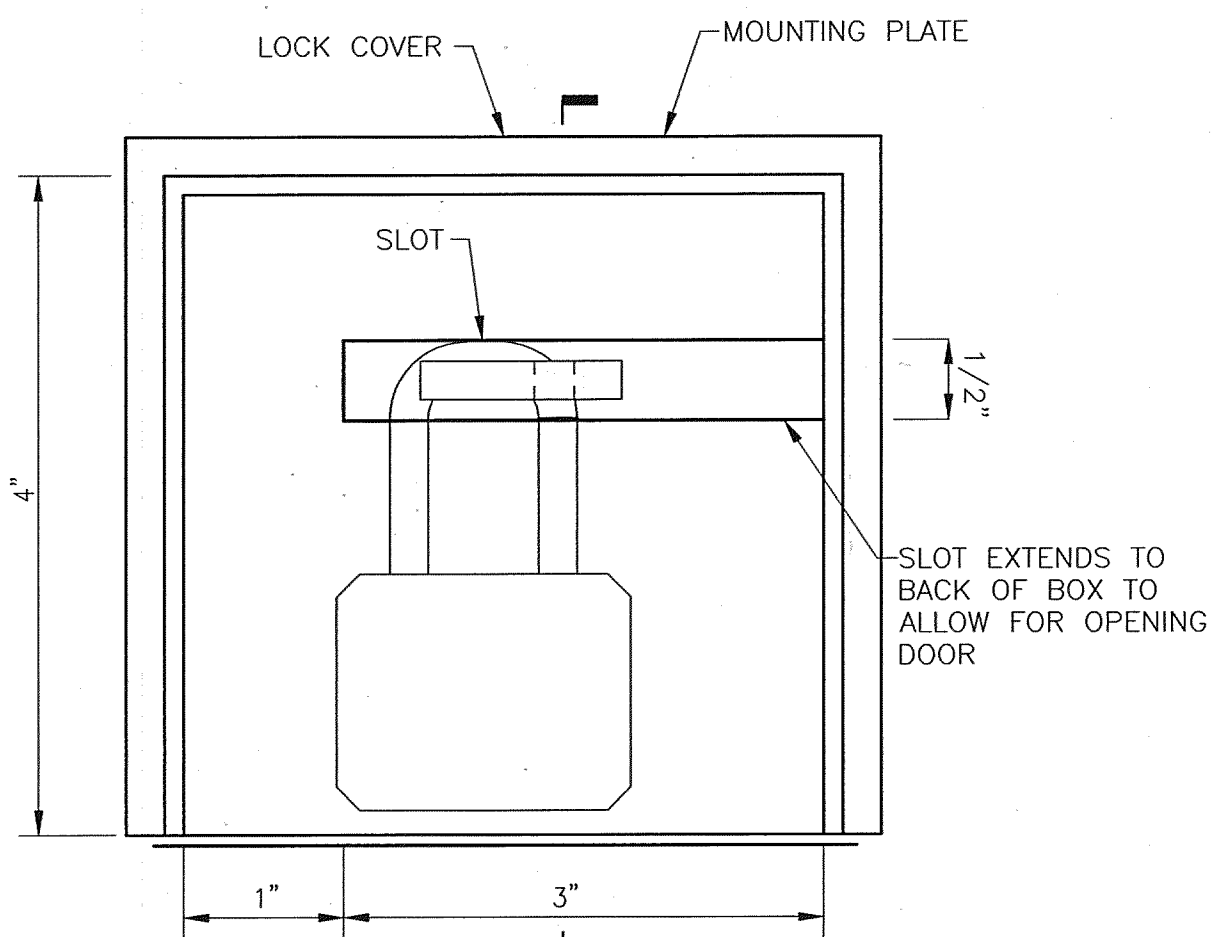
FOOTER CONNECTION DETAIL
SCALE: 1"=1'



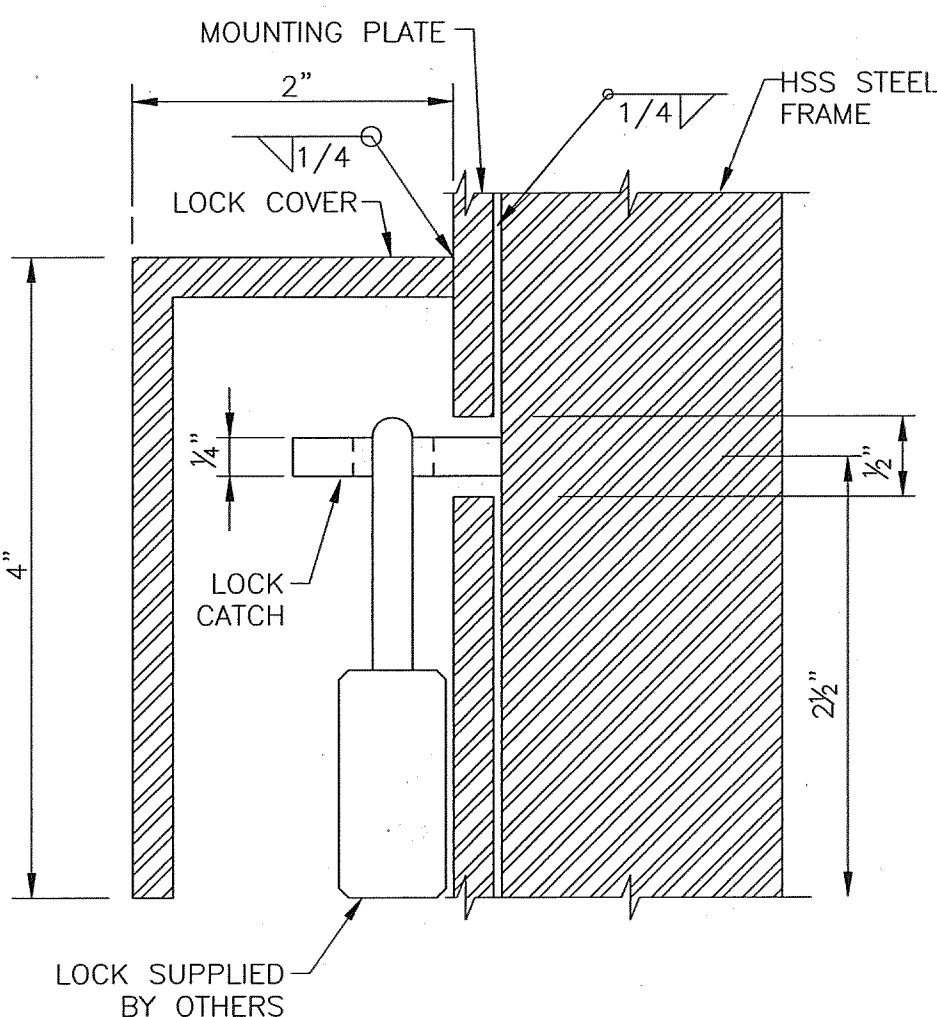
3 BOTTOM CROSS BRACE WELD
SCALE: N.T.S.



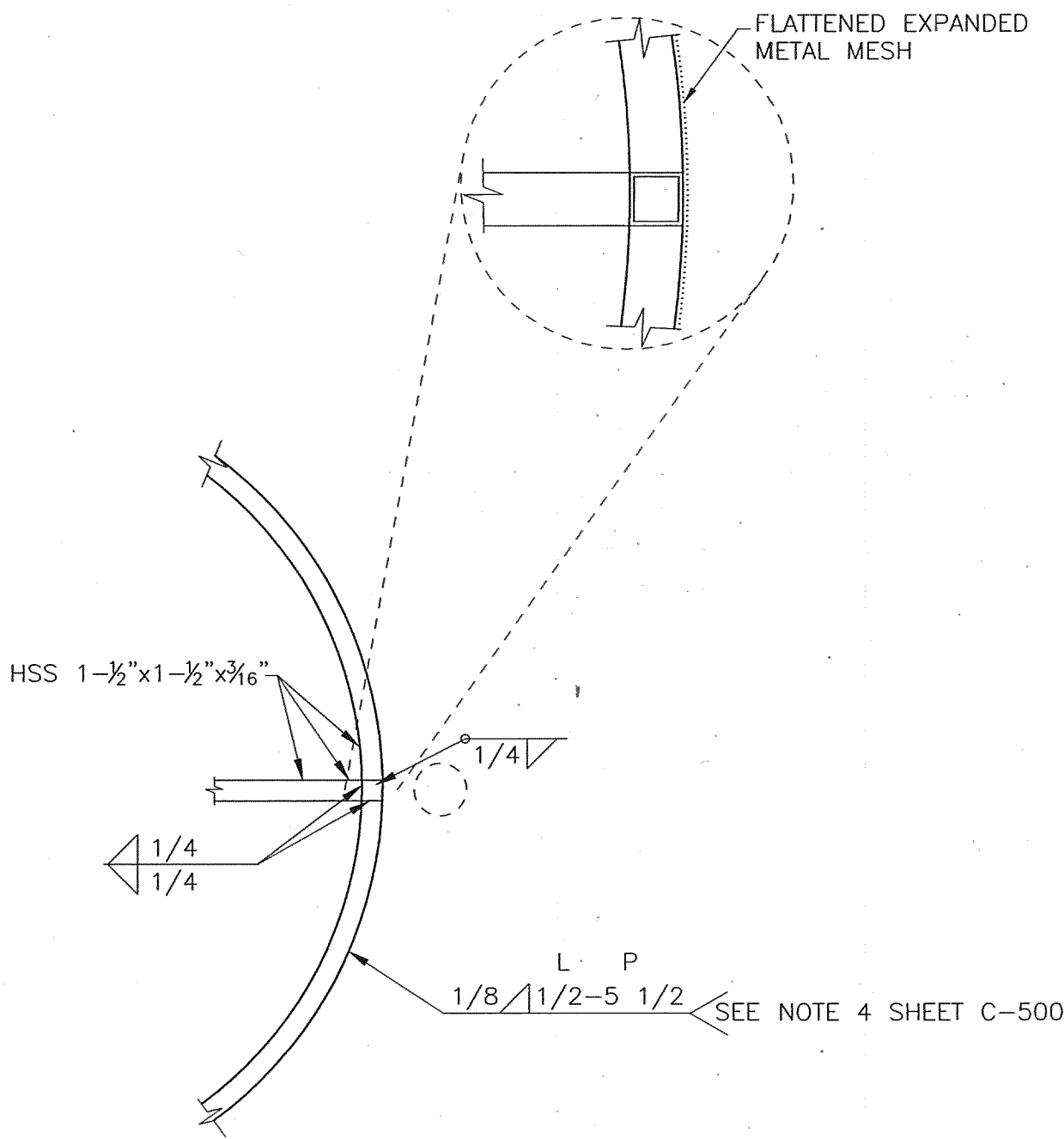
4 J-BOLT ANCHOR
SCALE: N.T.S.



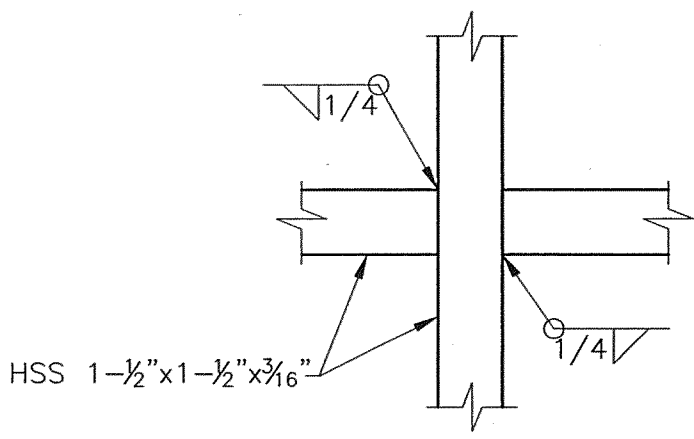
LOCK COVER
SCALE: N.T.S.



SECTION - A
SCALE: N.T.S.

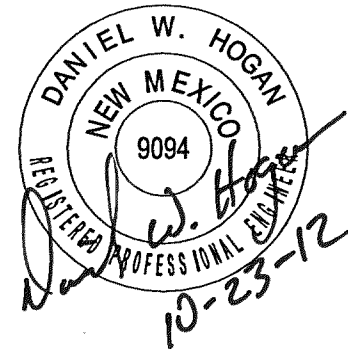


2 CROSS BRACE & BAND WELD
SCALE: N.T.S.



1 CROSS BRACE WELD (TYP.)
SCALE: N.T.S.

BENCH MARKS				AS BUILT INFORMATION			
ELEVATIONS ARE PER AS-BUILT DRAWINGS				CONTRACTOR	DATE	DATE	DATE
FOR THE USER / BLUEWATER DAM				STARTED BY	DATE	DATE	DATE
ACS 10-L-9 ALUMINUM CAP SET IN				FIELD ACCEPTANCE BY	DATE	DATE	DATE
CONCRETE CURB ON THE NORTHEASTERLY				REVISIONS	DATE	DATE	DATE
TURN ISLAND IN THE INTERSECTION OF				DESIGNED BY	DATE	DATE	DATE
98TH STREET AND CENTRAL AVENUE.				DRAWN BY	DATE	DATE	DATE
N = 1,482,085.203 E = 352,792.376				CHECKED BY	DATE	DATE	DATE
ELV = 5204.425				NO.	DATE	DATE	DATE

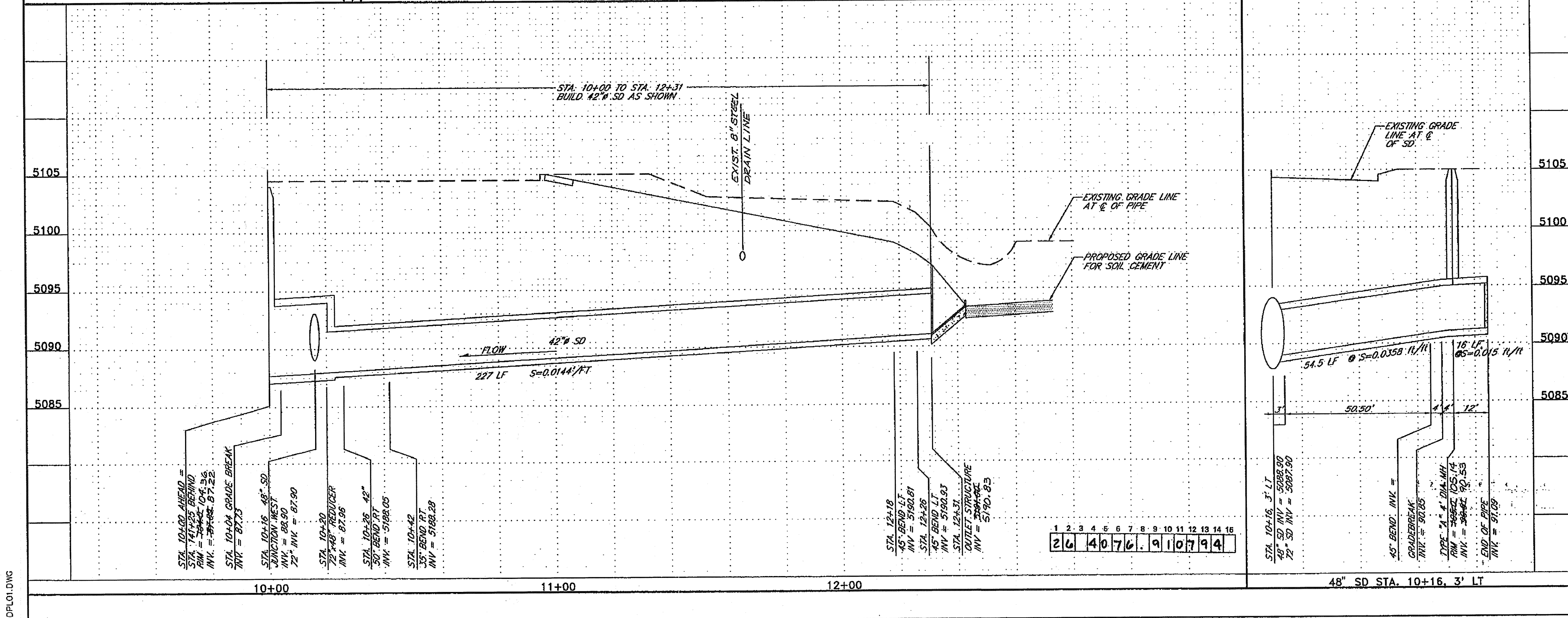
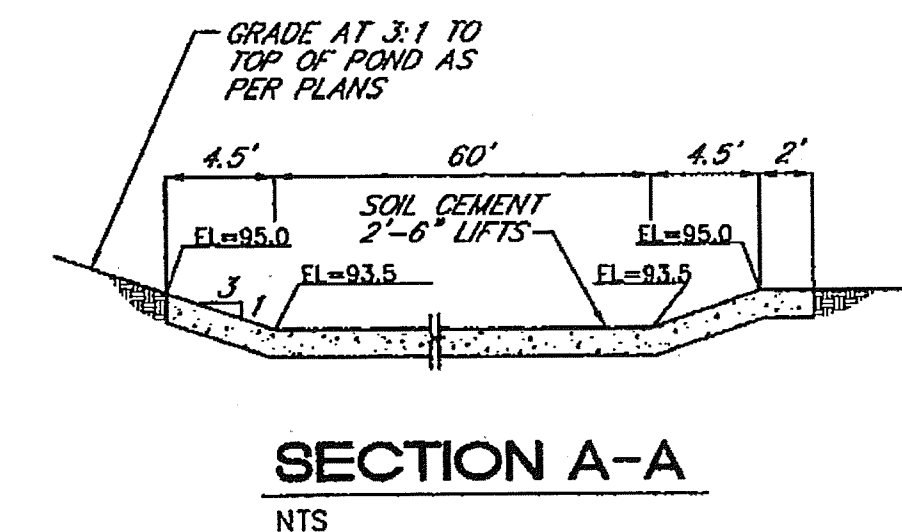
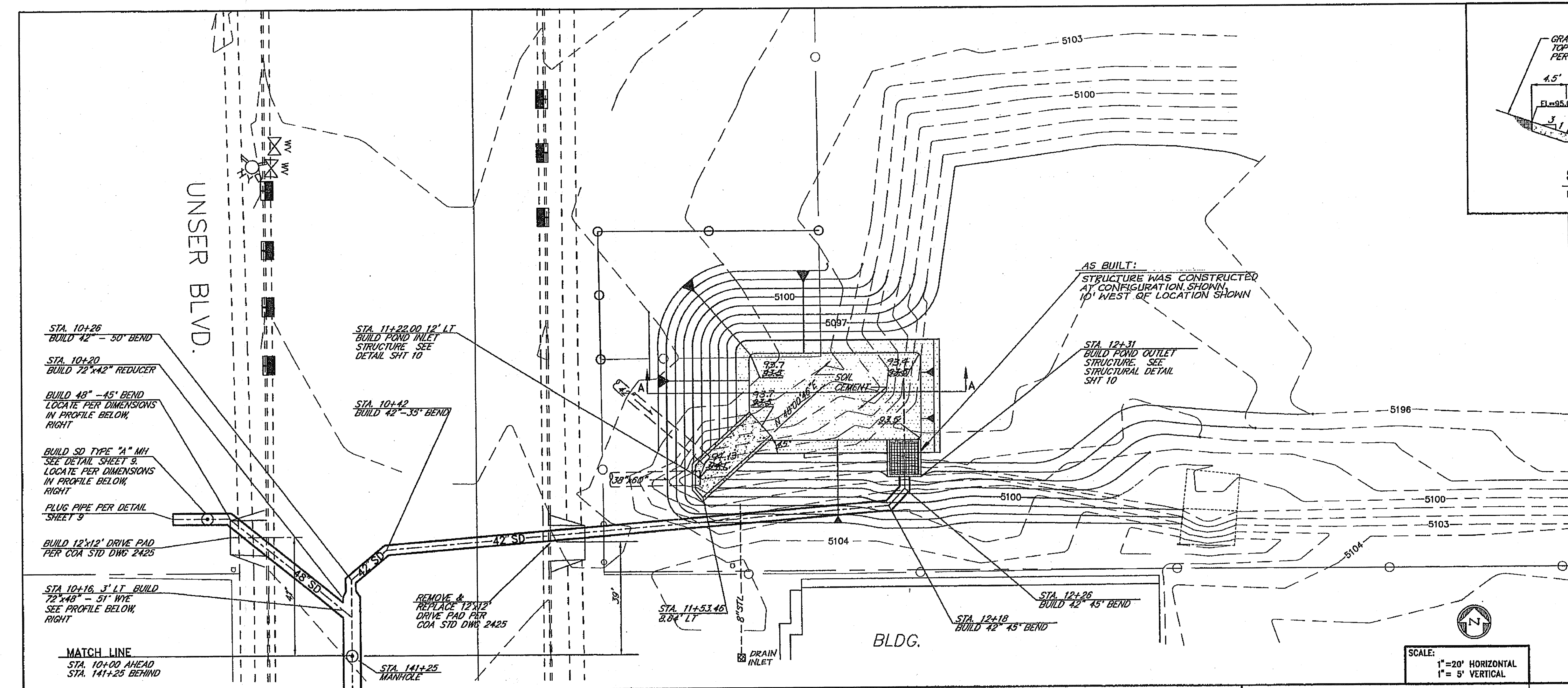


MOLZENCORBIN

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: PORTED RISERS			
UNSER BLUEWATER DAM FRAME & DOOR DETAILS			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED OCT 24 2012 DESIGN REVIEW COMMITTEE	APPROVED OCT 24 2012 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
4400.03	K-10	3	5
		C-501	

RECORD DRAWING	
DATE: 03/2013	DRAWN BY: MOLZEN CORBIN
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2	6	-	4	4	0	0	.	0	3	-	1	3
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RECORD DRAWINGS
 THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CONTRACTOR (MCC, INC.) AND THE CITY OF ALBUQUERQUE, WHICH PERFORMED ON-SITE INSPECTION DURING CONSTRUCTION AND CONSTRUCTION SURVEYS.

Greiner, Inc.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES - PHASE III B TIERRA BATITA DRAINAGE FACILITIES					
42" STORM DRAIN - STA. 10+00 TO STA. 12+31					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman	<i>B.G. Greiner</i>	11-08-93	Water	<i>William Bates</i>	10-29-93
Transportation	<i>R. D. ...</i>	11-01-93	Waste Water	<i>William Bates</i>	10-29-93
Hydrology	<i>R. D. ...</i>	11-1-93			
DRAWING NO. 4076.91			MAP NO. K-10		SHEET 7 OF 19

AS BUILT INFORMATION			BENCH MARKS		
CONTRACTOR	MCC, INC.	DATE	ACS 10-1-9	ALUMINUM CAP SET IN CONCRETE CURB ON	
STATIONED BY	COA	DATE	THE NORTHEASTLY TURN ISLAND IN THE INTERSECTION		
ACCEPTED BY	COA	DATE	OF 98TH STREET AND CENTRAL AVENUE		
REVISIONS			N = 1,482,085.203	E = 352,792.376	
DESIGNED BY	JG/SKI	DATE	ELEV = 5204.425		
DRAWN BY	BUB/LR	DATE			
CHECKED BY	MSH	DATE			
PROJECT NO.			MICRO-FILM INFORMATION		
			RECORDED BY		
			DATE		

NOTES:
1. PAINT TRASH RACK DARK BROWN.

RECORD DRAWINGS
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Greiner, Inc.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

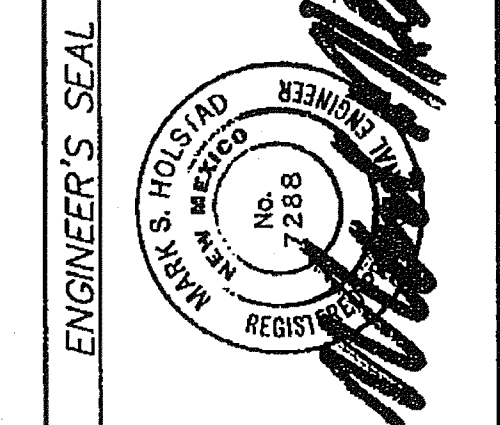
TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES - PHASE III B
TIERRA BATIA DRAINAGE FACILITIES

EXIST. UTILITIES & POND STRUCTURE DETAILS

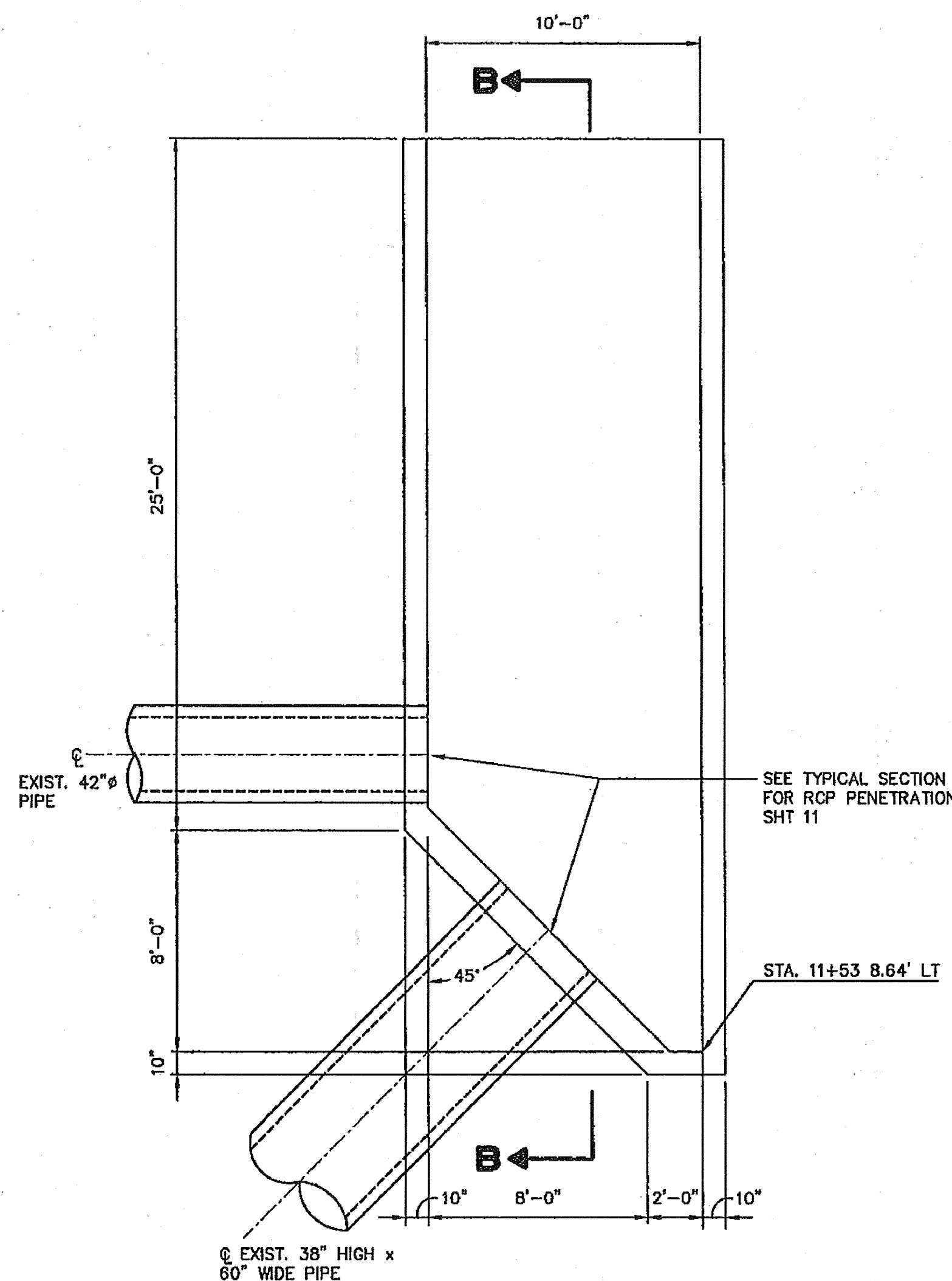
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman	B.G. Ambler	11-08-93	Water	N.A. 7/93	10-29-93
Transportation	M. R. H.	11-09-93	Waste Water	N.A. 7/93	10-29-93
Hydrology	J. R. H.	11-1-93			

DRAWING NO. **4076.91** MAP NO. K-10 SHEET **10** OF **19**

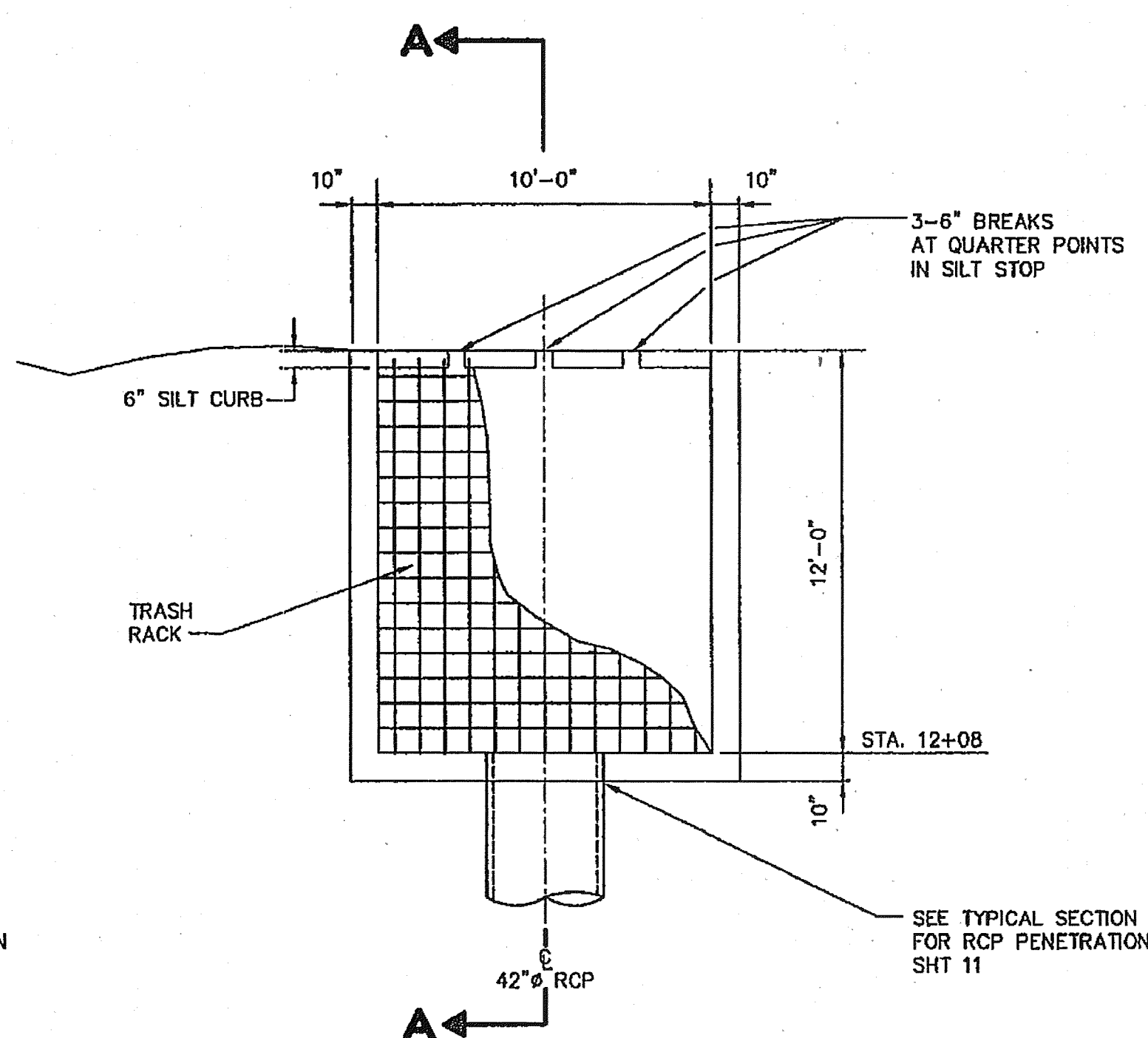
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	BY	FIELD NOTES	CONTRACTOR	DATE
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1883	7/89/90	GREINER	N = 1,482,085.203 E = 352,792.376	STATIONED BY COA	1994
1886	12/90	GREINER	ELEV = 5204.425	FIELD OBSERVATIONS BY COA	1994
1893	12/90	GREINER		REVISIONS BY COA	1994
1910	9-10/91	GREINER		REVISIONS BY GREEN/NEC	1994
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE



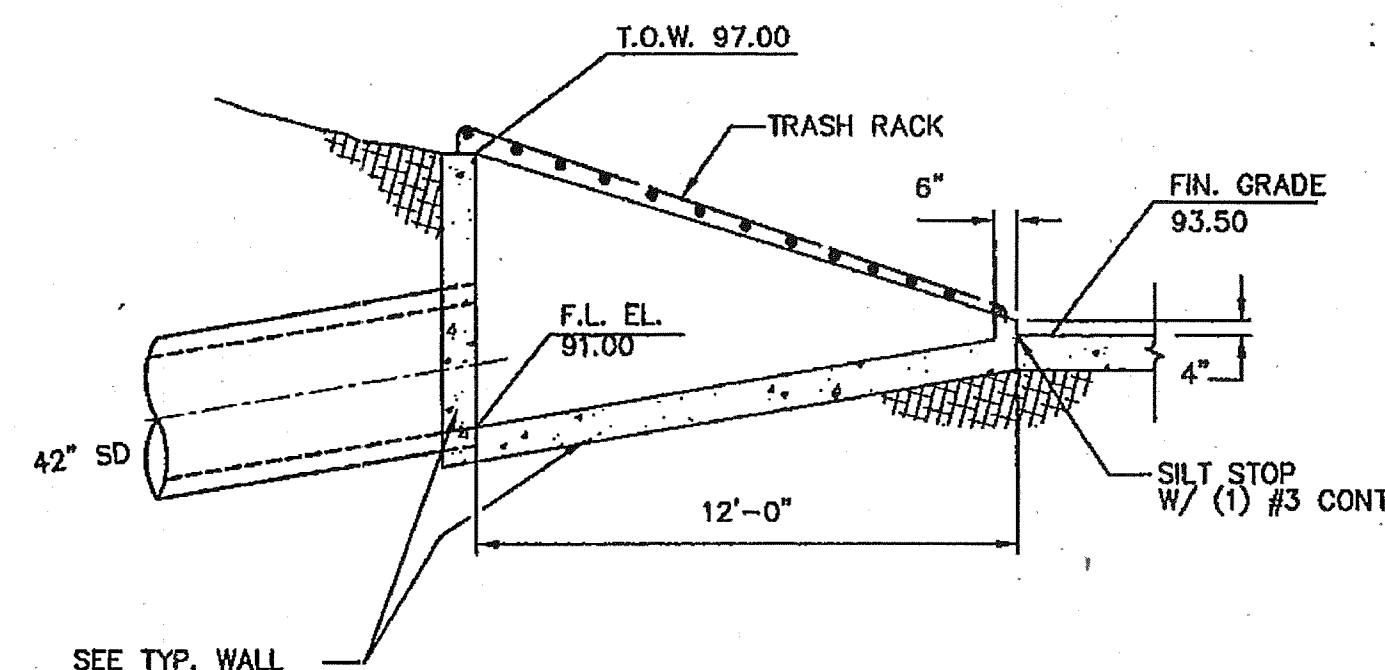
NO.	DATE	BY	REMARKS
Greiner J.N. 0000110	DATE 9-93		DESIGN
DRAWN BY: JAK	DATE 9-93		
CHECKED BY: MSH	DATE 9-93		



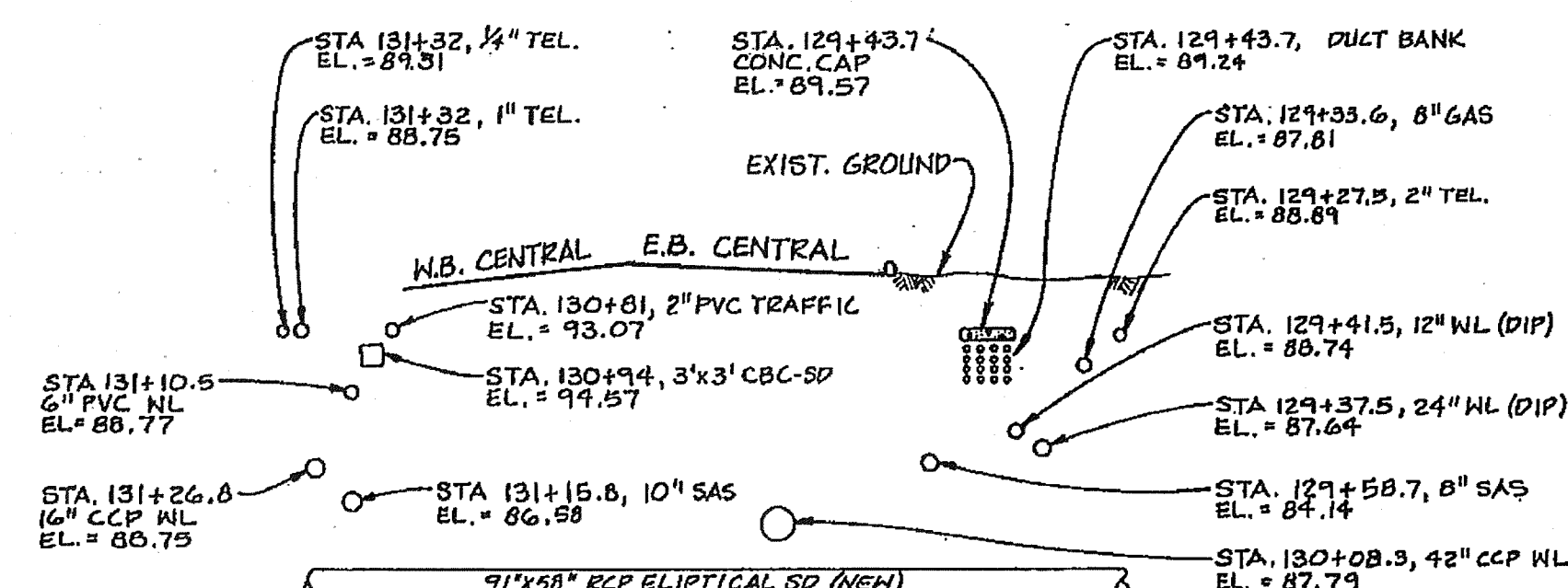
POND INLET PLAN
SCALE: 1/4"=1'



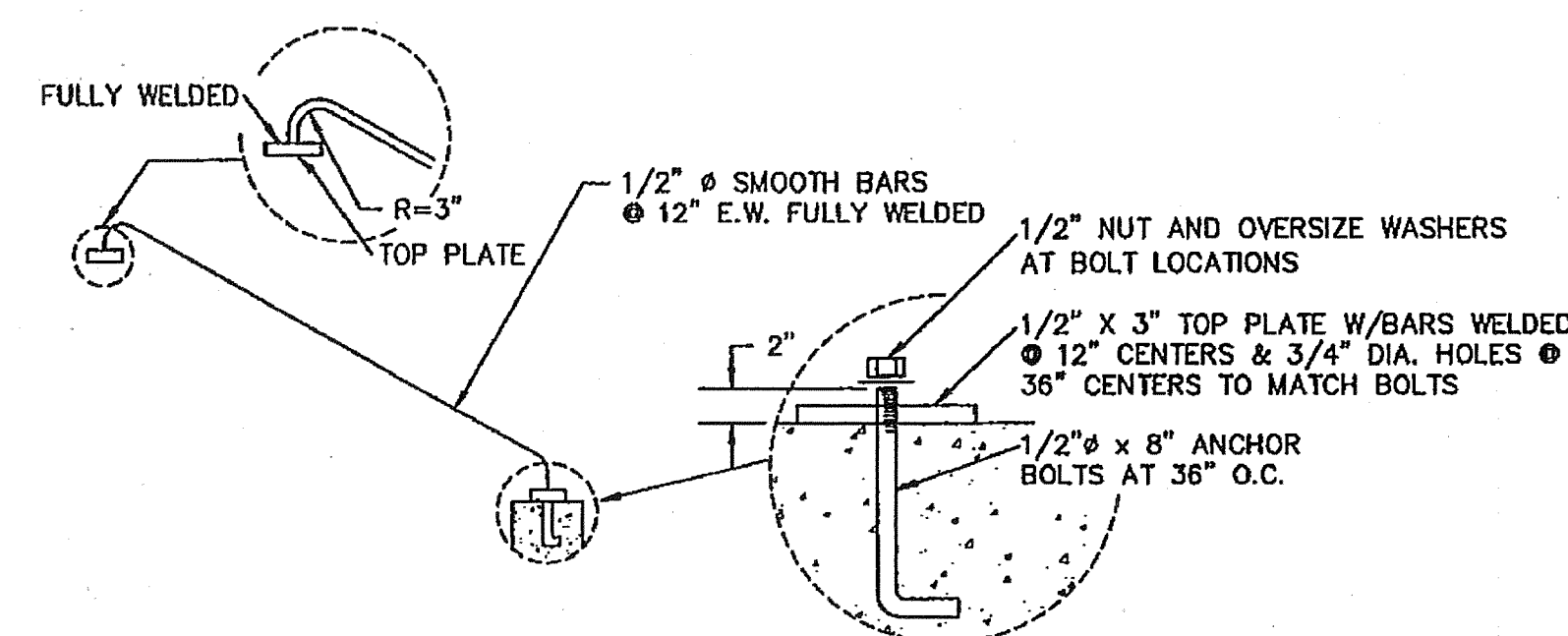
POND OUTLET PLAN
SCALE: 1/4"=1'



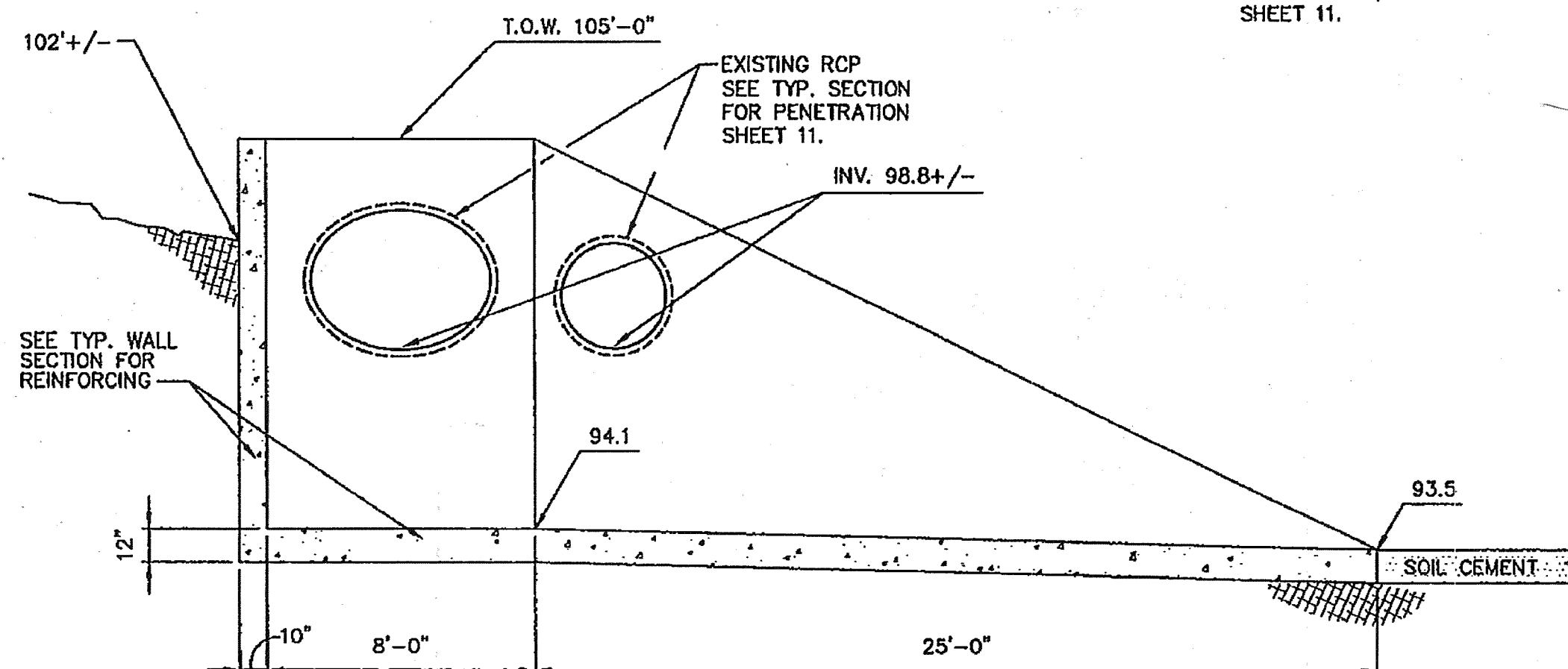
INLET SECTION A-A
SCALE: 1/4"=1'



EXISTING UTILITIES AT CENTRAL & UNSER
NOT TO SCALE



TRASH RACK DETAIL
SCALE: 1/4"=1'



SECTION B-B THRU OUTLET
SCALE: 1/4"=1'

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 40 76 91 109 4