



4 Inverness Court East
 Suite 250
 Englewood, CO 80112
 Office: (303) 770-7878
 Fax: (303) 770-7667

LETTER OF TRANSMITTAL

TO: Steamboat Structures
96 Perry Park Ave #464
Larkspur, CO 80118

DATE: 7/20/2021

FILE NO. 007-01

ATTN: Heather Reed

RE: Forest Lakes Bridges

WE ARE SENDING YOU:

- | | | |
|---|--|----------------------------------|
| <input checked="" type="checkbox"/> Shop Drawings | <input type="checkbox"/> Copy of Letter | <input type="checkbox"/> Samples |
| <input type="checkbox"/> Specifications | <input type="checkbox"/> Reports | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Plans | <input type="checkbox"/> Submittal Information | |

SUBMITTED BY: Structures

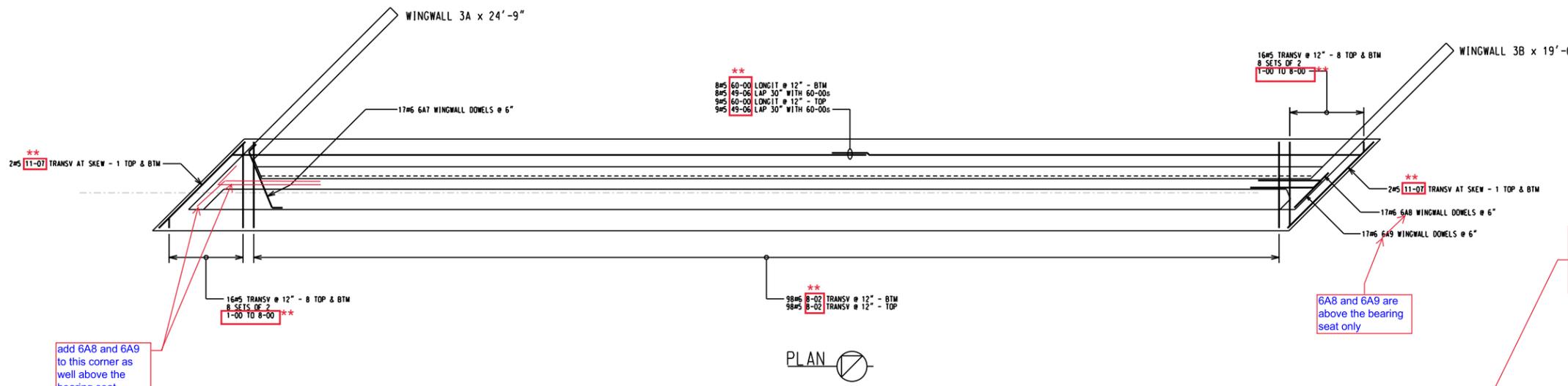
COPIES	DESCRIPTION	CONTRACTOR
1	Abutment Rebar Shop Drawings	Structures

THESE ARE TRANSMITTED:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> For Approval | <input type="checkbox"/> For Review and Comment | <input type="checkbox"/> Returned for Corrections |
| <input type="checkbox"/> For Your Use | <input type="checkbox"/> Approved As Submitted | <input type="checkbox"/> _____ |
| <input type="checkbox"/> As Requested | <input type="checkbox"/> Approved As Noted | |

REMARKS:

cc: File



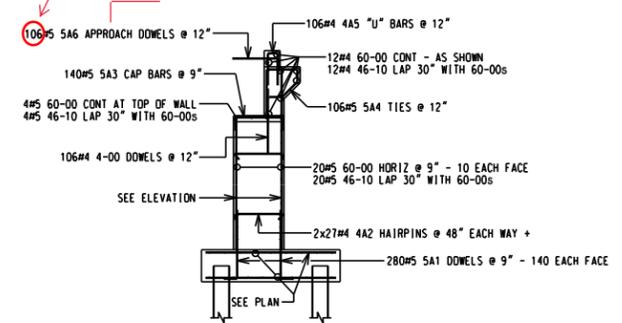
**The clearance between the end of the bar and the edge of the footing/abutment = 2" typically. The only 3" clear is the placement of the bottom footing bar to the bottom of the abutment footing when placing against the ground. It appears the footing bars have 3" clear on each side instead of the necessary 2".

approach slab dowels are projecting into the approach slab and align parallel to the HCL. The approach slabs do not run the entire width, there is a gap for the backwall and the median. The approach slabs are each 29.5' wide, therefore only 60 total are needed

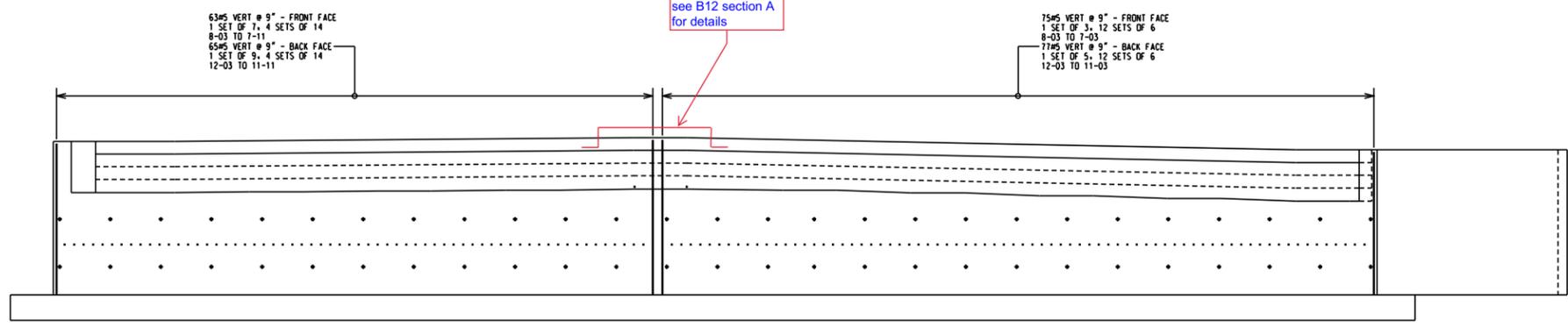
6A8 and 6A9 are above the bearing seat only

add 6A8 and 6A9 to this corner as well above the bearing seat

add 2 stirrups in the median backwall stubwall, see B12 section A for details



SECTION



ELEVATION

QTY	SIZE	THEO LENGTH	EP	BAR MARK	SHD V TYP	CO	BENDING DIMENSIONS												
							A	B	C	D	E	F/R	G	H	J	K	D		
17	6	7-05		6A7	14		0-10	5-09	0-10						0-091	0-033			
17	6	8-00		6A8	19		2-00	6-00							1-05	1-05			
17	6	9-08		6A9	30		3-08	6-00							2-101	2-062			
280	5	5-01		5A1	2		0-10	4-03											
140	5	4-06		5A3	2		0-10	2-10						0-10					
106	5	6-06		5A4	111		0-10	1-04	0-091	0-10	2-082			0-111	0-111				
106	5	3-08		5A6	2		0-10	2-10											
54	4	3-07		4A2	19		0-042	2-10						0-042					
106	4	4-08		4A5	17		2-00	0-08	2-00										

SHOP DRAWING REVIEW
 NO EXCEPTIONS REVISE AS NOTED
 REVISE AND RESUBMIT REJECTED

This review is for general conformance with the design intent of the project and general compliance with the information provided in the contract documents. Review, corrections, or comments made concerning the shop drawings during this review do not relieve the contractor from compliance with the requirements of the drawings and specifications, nor relieve the contractor of contractual responsibility for any error or deviation from the contract documents.

The contractor is responsible for, but not limited to, confirming all quantities, dimensions, and structural capabilities, selecting fabrication and construction techniques, coordinating work with that of all other trades, and performing work in a safe and satisfactory manner.

STEAMBOAT STRUCTURES, LLC
 By: H. Reed Date: 7/20/21

ADDRESS & WEBSITE INFORMATION
5353 FRANKLIN ST.
DENVER, CO
 Phone: (303) 298-7822
 Fax: (303) 298-0275
 Web: www.CMC.com

CONCRETE REINFORCING PLACEMENT DRAWING
 TITLE: ABUTMENT 3
 PROJECT: FOREST LAKE BRIDGES
 LOCATION: MONUMENT, CO
 CUSTOMER: STRUCTURES, INC.
 DRAWN BY: DAVID J MERGLER DATE: 7/15/2021

CONTRACT NO.
 2129400060

DRAWING NO.
 R6

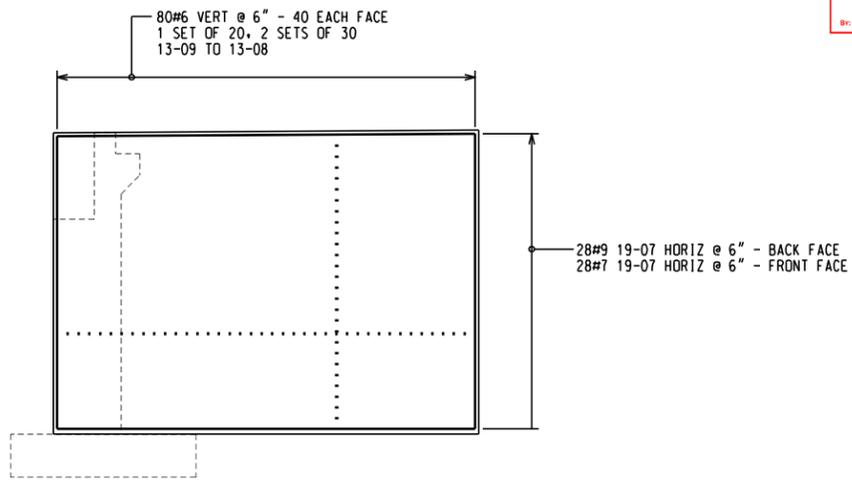
DATE: 07/15/21
 REV: NCL
 FOR APPROVAL
 REVISION / REMARKS

SHOP DRAWING REVIEW
 NO EXCEPTIONS REVISE AS NOTED
 REVISE AND RESUBMIT REJECTED

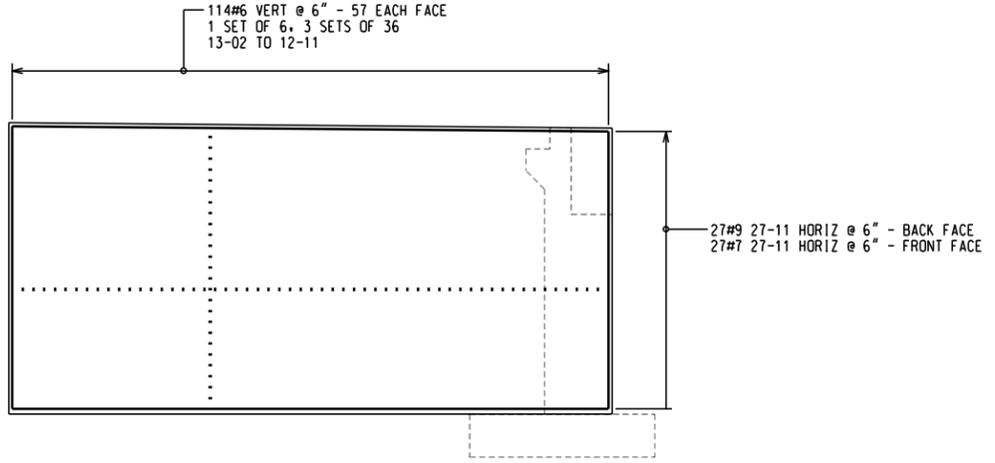
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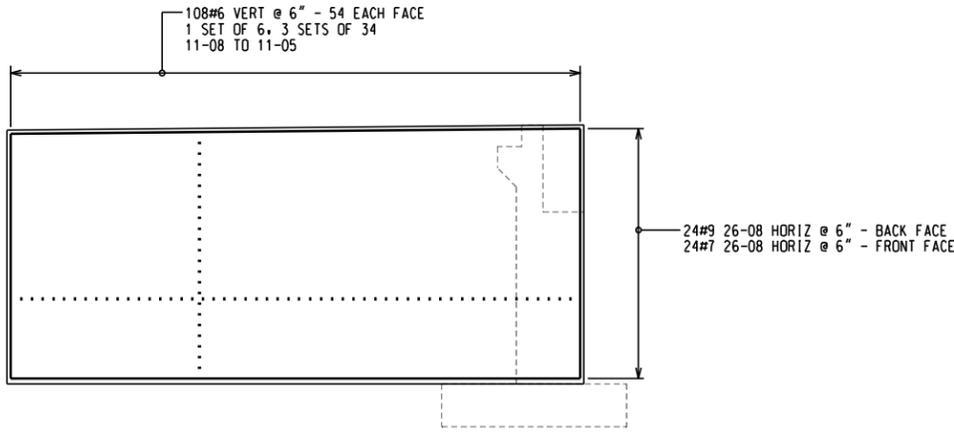
STEAMBOAT STRUCTURES, LLC
 By: **H. Reed** DATE: **7/20/21**



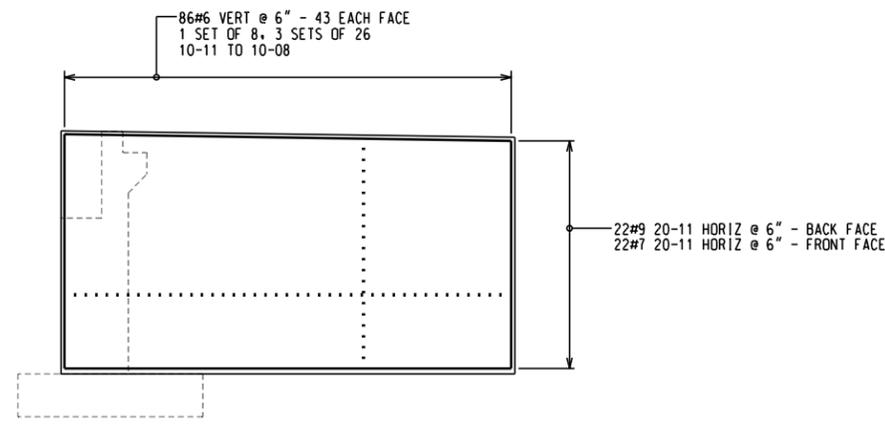
WINGWALL 1A - ELEVATION



WINGWALL 1B - ELEVATION



WINGWALL 3A - ELEVATION



WINGWALL 3B - ELEVATION

CONCRETE REINFORCING PLACEMENT DRAWING		REVISION / REMARKS	
TITLE	WINGWALLS	DATE	7/18/2021
PROJECT	FOREST LAKE BRIDGES	BY	
LOCATION	MONUMENT, CO	FOR APPROVAL	DJM
CUSTOMER	STRUCTURES, INC.	REV	0
DRAWN BY	DAVID J MERGLER	DATE	07/18/21
CONTRACT NO.	2129400060		
DRAWING NO.	R7		

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REBAR

NOTE: Rebar fabricator or dealer for any other reason must be reported to CMC Rebar within a period of 30 days of delivery. CMC Rebar reserves the right to inspect and test all rebar. CMC Rebar is not responsible for non-conforming material, and will not honor change for rebar in any form without specific authorization from CMC Rebar.

REINFORCING STEEL PLACING DRAWING ONLY. USE IN CONJUNCTION WITH CONTRACT DRAWINGS. THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSES ONLY, AND SHOULD NOT BE USED FOR SHOP DRAWINGS. THIS DRAWING IS FOR REBAR ONLY. UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.