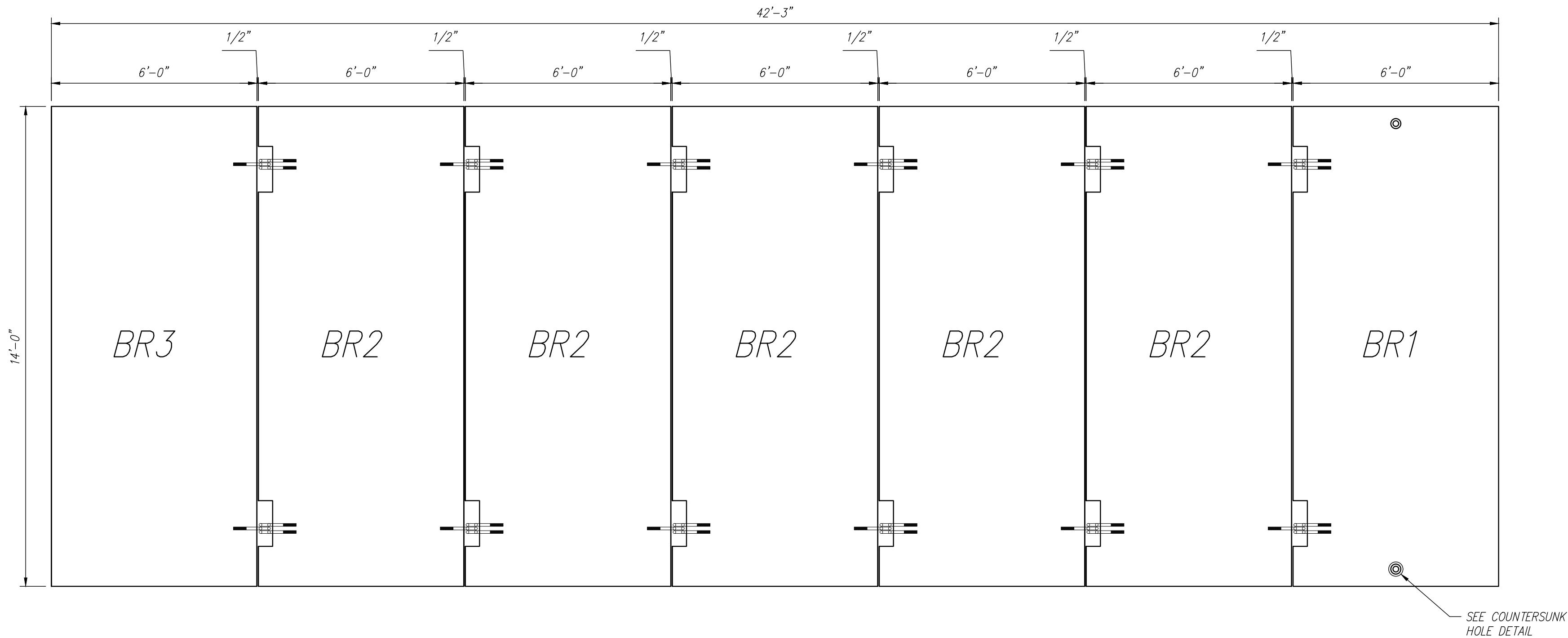
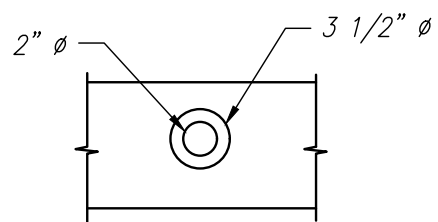


- GENERAL NOTES:
1. CONCRETE STRENGTH $F'c = 5000$ PSI HP SCC.
 2. REINFORCING = ASTM A615 REBAR EPOXY COATED
COVER TO REINFORCING: 2" U.N.O. 
 3. HDG STEEL CONNECTION HARDWARE SUPPLIED AND CAST IN BY CSI.
 4. ALL EXPOSED TOP EDGES TO HAVE 3/4" CHAMFER.
 5. AASHTO H-20 TRUCK LOAD

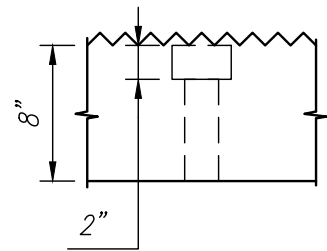
PIECE SCHEDULE (MX-FA5000HPS)					
MARK	QTY	LENGTH	YDS	WEIGHT	
BR1	1	6.00'	2.05	4.15	TONS
BR2	5	6.00'	2.05	4.15	TONS
BR3	1	6.00'	2.07	4.19	TONS



PLAN VIEW
SCALE: 3/8" = 1'-0"

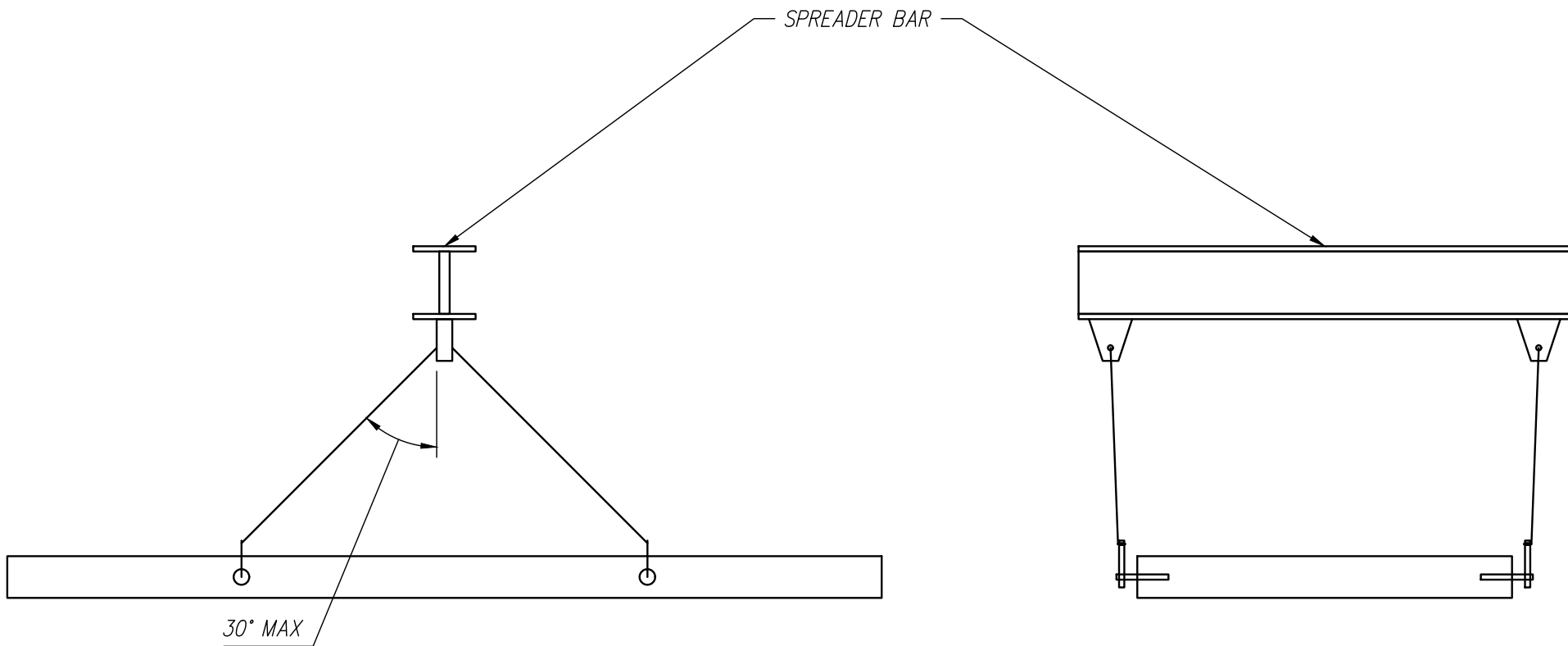


PLAN



SECTION

COUNTERSUNK HOLE DETAILS
SCALE: N.T.S.



LIFTING DETAIL
SCALE: N.T.S.

Contractor is to verify that all information shown on drawings has been thoroughly checked, complies with the contract documents and is adequate to meet the field conditions. Some dimensions and details may differ slightly from contract drawings to accommodate the manufacturing or design process. Approval of this drawing indicates that any deviation from the contract documents has been reviewed and found to be acceptable. Production will not commence until receipt of signed, approved shop drawings.

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10			
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3			
2	08/10/2022	REVISED COVER PER CUSTOMER REQUEST	CIS
1	08/05/2022	REVISED CONNECTION HARDWARE, REMOVED CURBS	CIS
Rev.	Date	DESCRIPTION	By
REVISIONS			

This drawing is based upon information provided from the following documents and/or sources:

Engineer:
Project No:
Drawings:

Specifications:

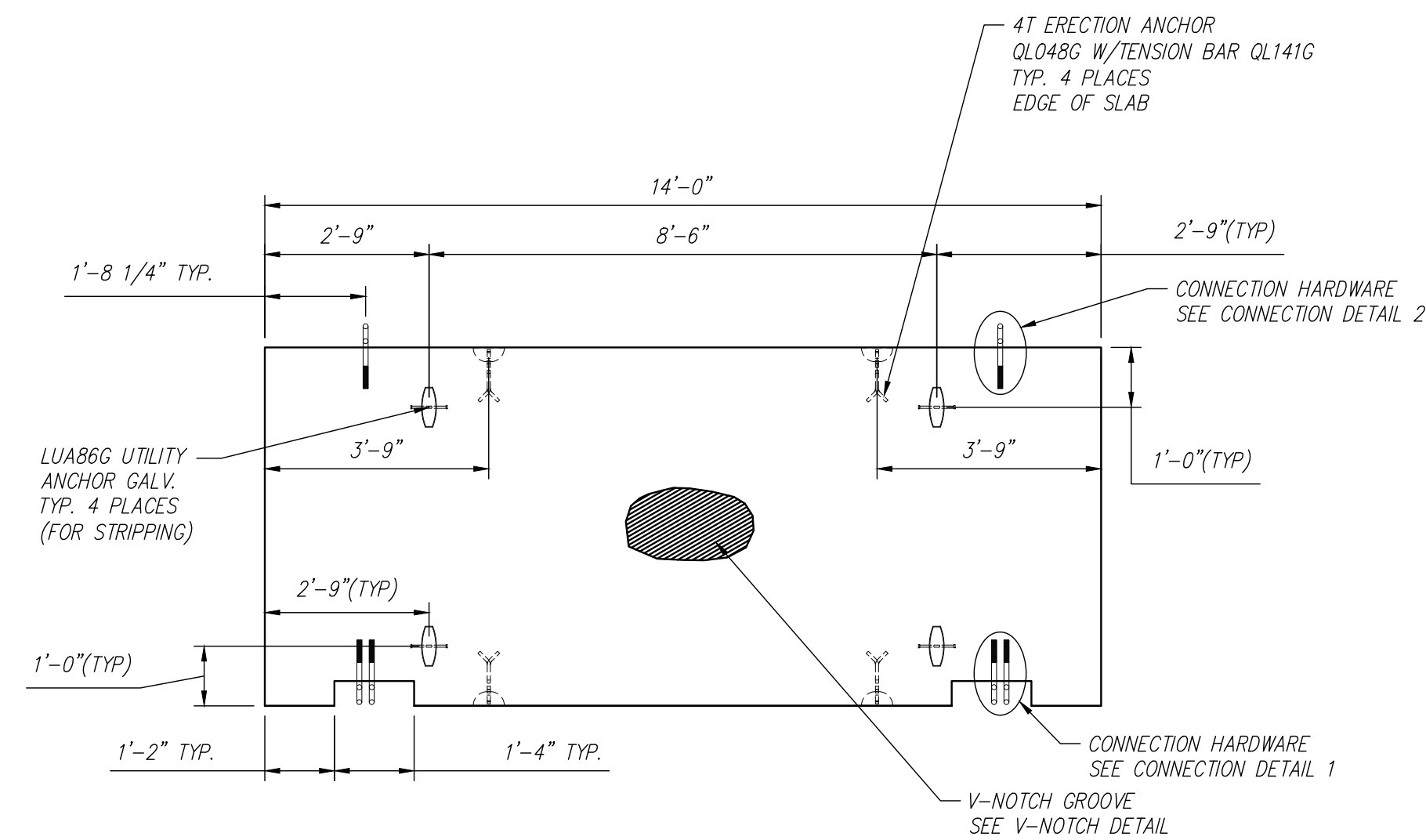
Other Sources:

 Concrete Systems Inc. 9 Commercial St., Hudson, NH 03051 Phone 603-889-4163 Fax 603-889-2417		STATE AGENCY		U.S. FISH AND WILDLIFE SERVICE KIRKLAND PRE-CAST BOAT RAMP WESTBROOK, CT	
		Drawn By CIS	Date 05/18/2022	D	15' X 6' PRECAST BOAT RAMP PLANKS
		Reviewed By MRS	Date 06/22/2022		Drawing No. S24906-L01
		Approved By	Date	Quantity: 7	Project No:
				SHEET 1	OF 4

 Concrete Systems Inc. 9 Commercial St., Hudson, NH.03051 Phone 603-889-4163 Fax 603-889-2417	<u>STATE AGENCY</u>		U.S. FISH AND WILDLIFE SERVICE KIRKLAND PRE-CAST BOAT RAMP WESTBROOK, CT		
	Drawn By CIS	Date 08/05/2022	D	SHOP DRAWINGS	REV 3
	Reviewed By	Date		Drawing No. S24906-BR1	
	Approved By	Date			
	Quantity: 1	Project No:	SHEET 2 OF 4		

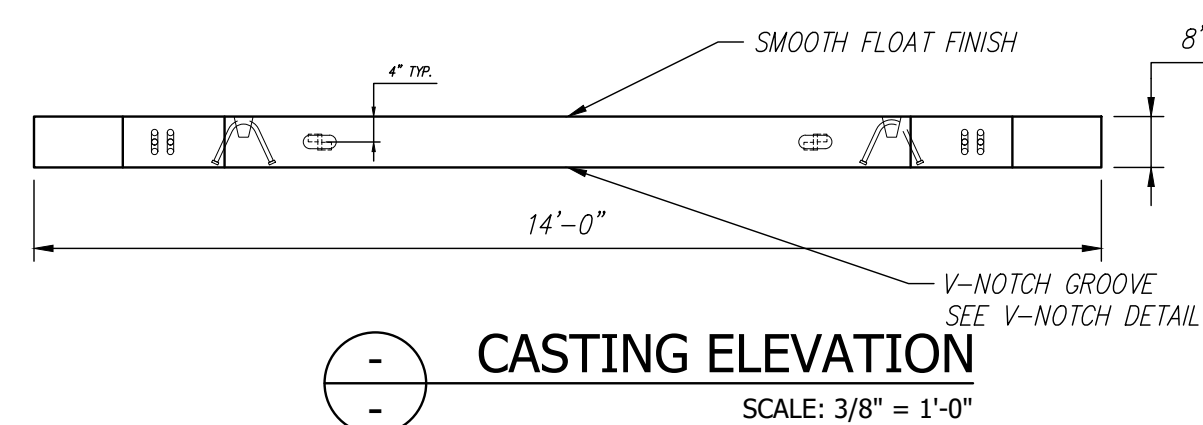
2

BRP2 - BILL OF MATERIALS / EMBEDS				
CSI ID#	DESCRIPTION	QTY	UM	COMMENTS
DTJ	EYEBOLTS		6	EA
RM-00014	REBAR #4 EPOXY- GR 60 40"	278	LB	
EM-00031	ERECTION ANCHORS AT GALV	4	EA	QL048G W/ SHEAR BAR QL 141G
EM-00115	UTILITY ANCHOR LUBA86G-GALVANIZED	4	EA	
MX-FAS000 HPSC	MIX DESIGN - FLY ASH 5000-HP SELF COMPAC	2.05	CY	

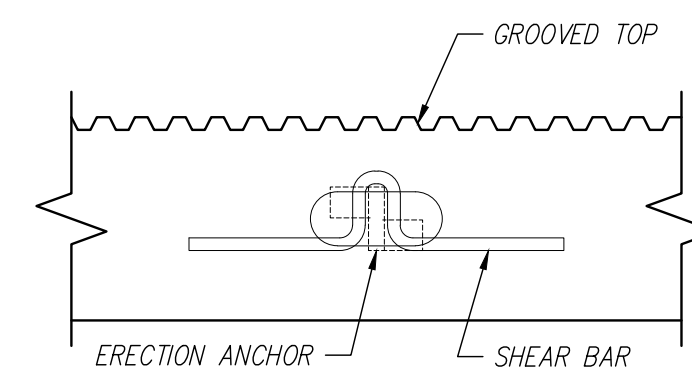


CASTING PLAN VIEW
SCALE: 3/8" = 1'-0"

NOTE: PIECE IS CAST UPSIDE DOWN

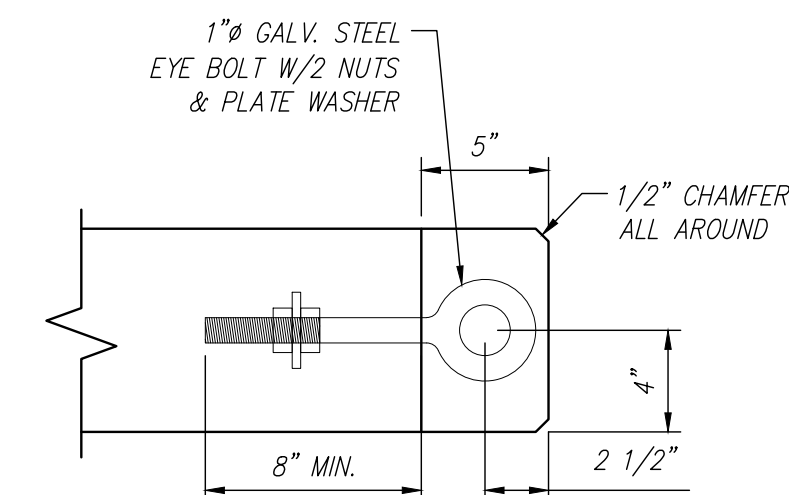


SE
CASTING ELEVATION
SCALE: 3/8" = 1'-0"



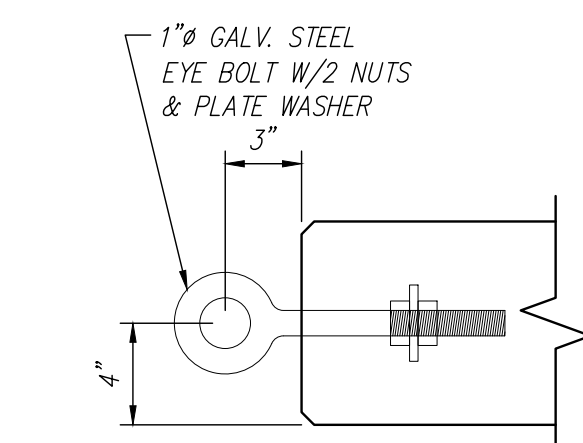
 SHEAR BAR DETAIL

SCALE: N.T.S.

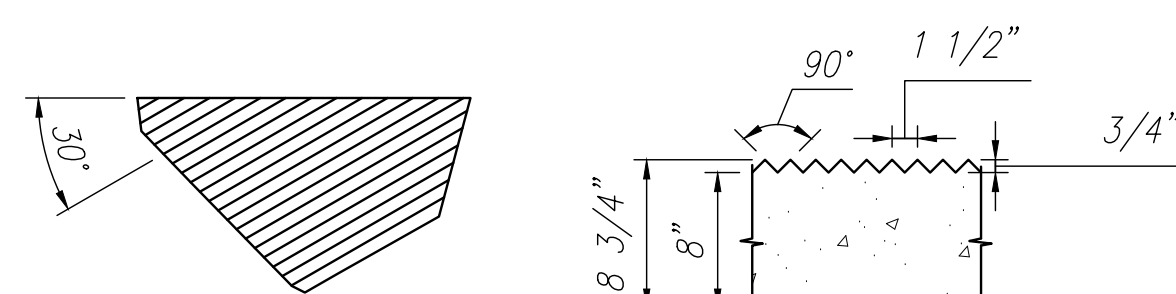


 EYE BOLT DETAIL

SCALE: N.T.S.




CONNECTION DETAIL 2
 SCALE: N.T.S.

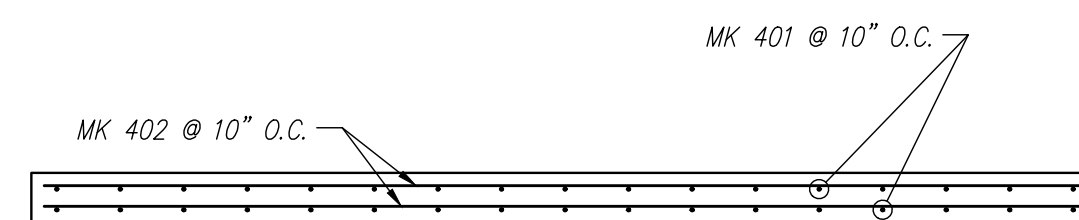


<u>PLAN</u>	<u>SECTION</u>
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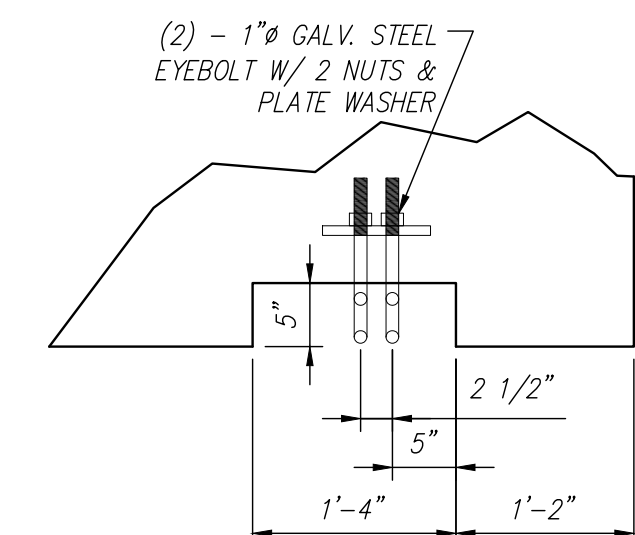
V-NOTCH GROOVE DETAILS

SCALE: N.T.S.

ALL REINFORCING TO BE EPOXY COATED



REINFORCING DETAIL
SCALE: 3/8" = 1'-0"



CONNECTION DETAIL 1
SCALE: N.T.S.

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3	08/15/2022	DIMENSION TO ERECTION ANCHOR	NOW
2	08/10/2022	REVISED REBAR	CIS
1	08/05/2022	ADDED SHOP DRAWINGS	CIS
Rev.	Date	DESCRIPTION	By
REVISIONS			

This drawing is based upon information provided from the following documents and/or sources:

Engineer:
Project No:
Drawings:

Specifications:

Other Sources:

CSI
Concrete Systems Inc.
9 Commercial St., Hudson, NH, 03051
Phone 603-889-4163
Fax 603-889-2417

STATE AGENCY

Drawn By	Date
CIS	08/05/2022
Reviewed By	Date
Approved By	Date

U.S. FISH AND WILDLIFE SERVICE
KIRKLAND PRE-CAST BOAT RAMP
WESTBROOK, CT

D	SHOP DRAWINGS		REV 3
	Drawing No.	S24906-BR2	
Quantity: 5	Project No:	SHEET 3	OF 4

