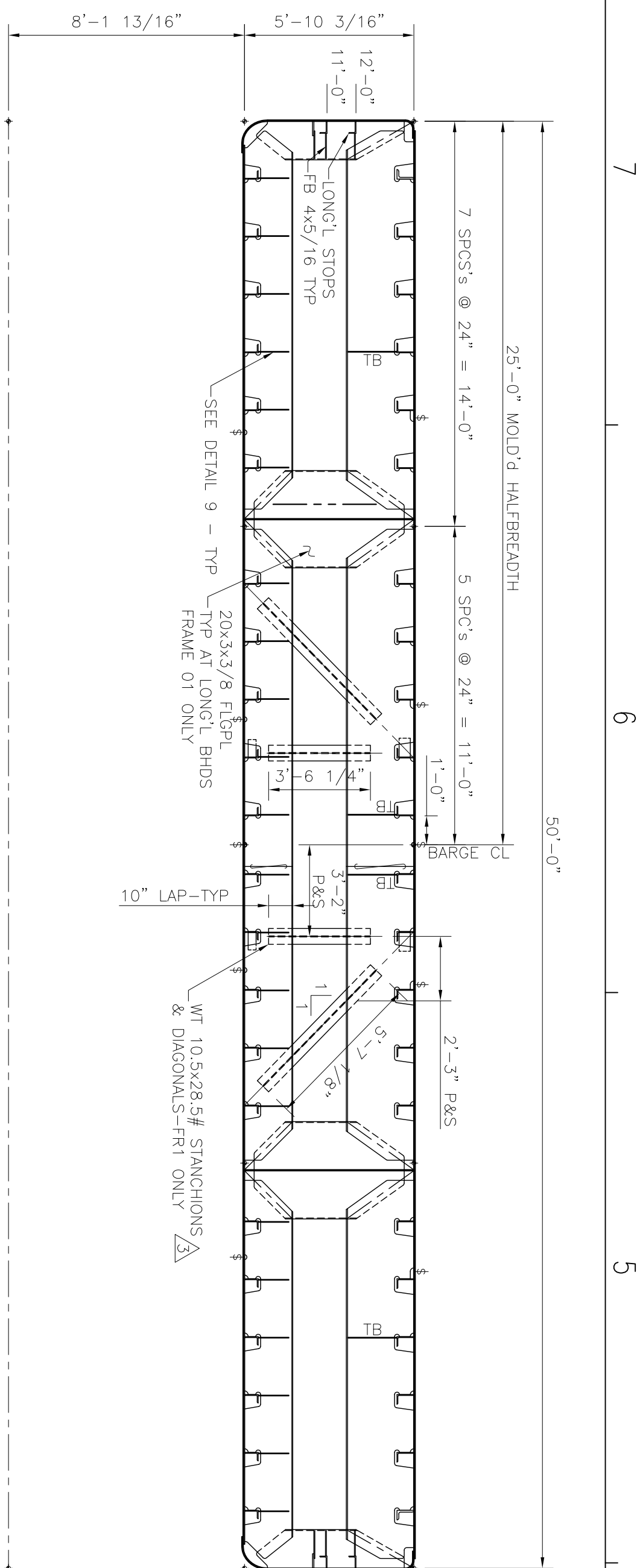
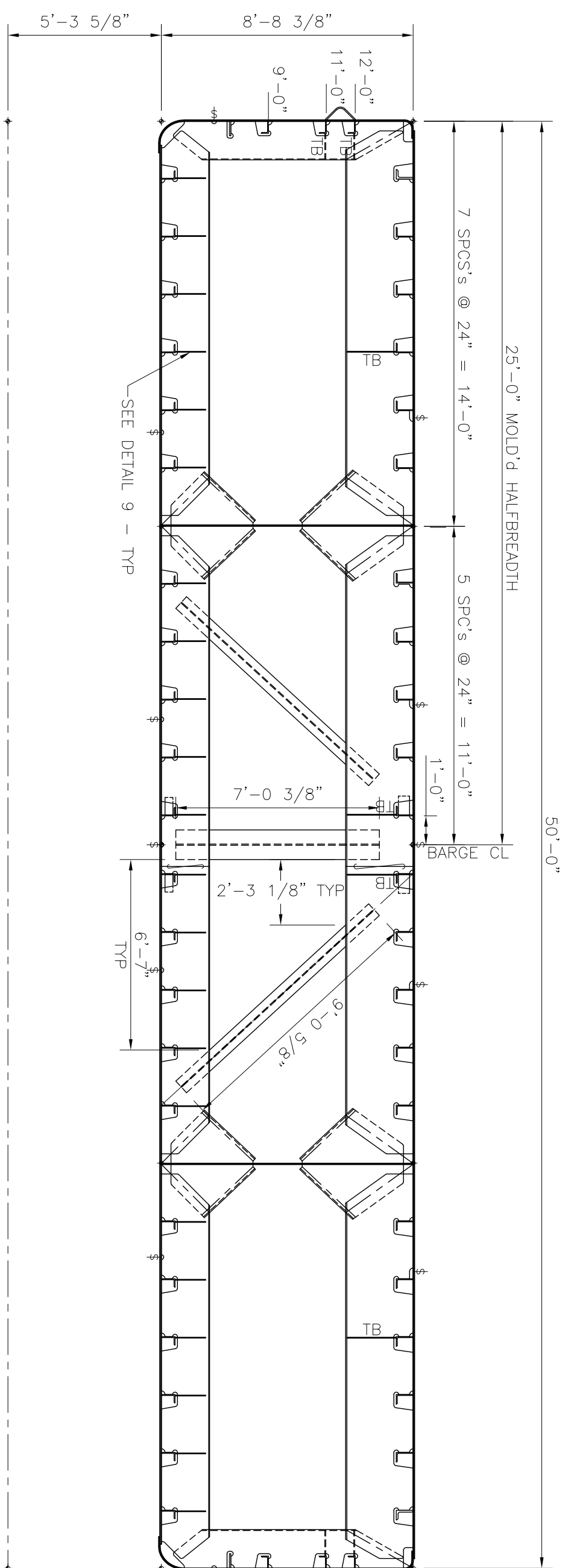
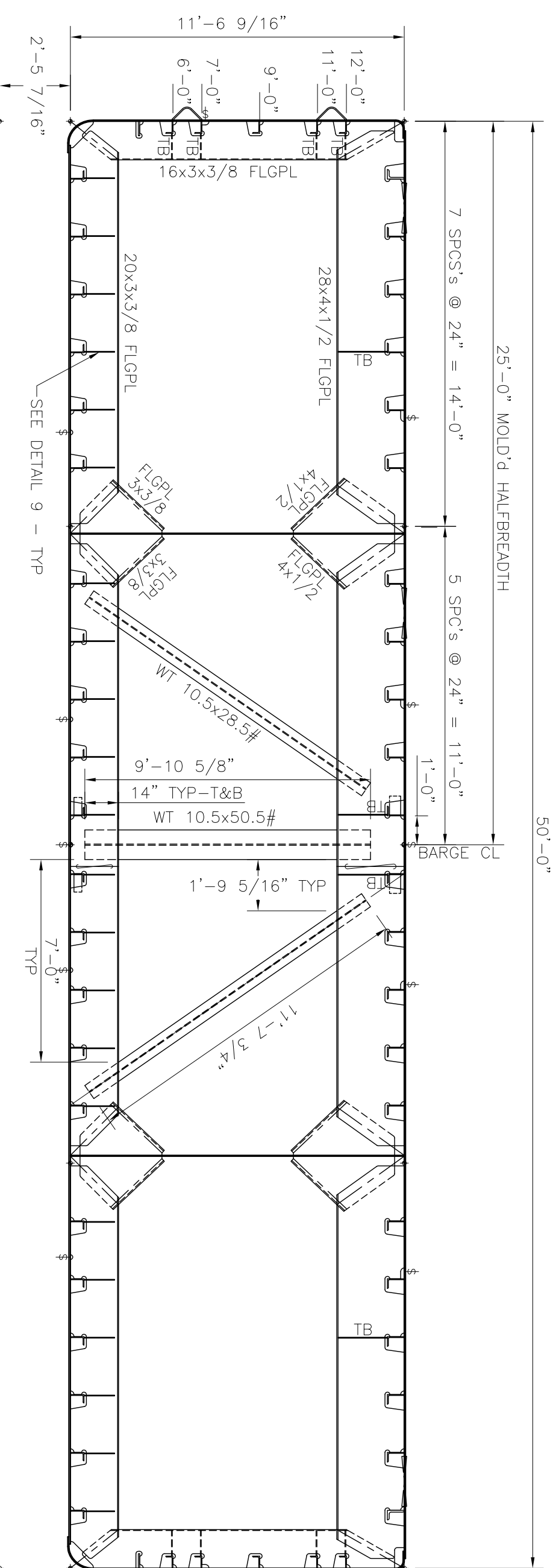




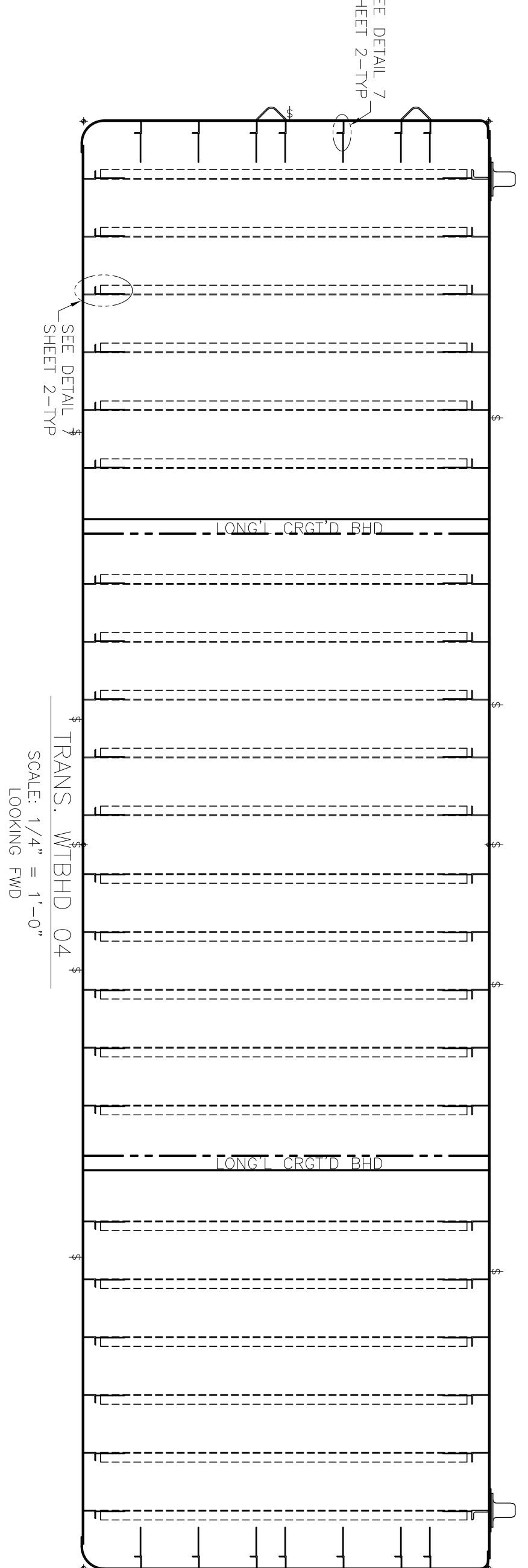
TRANSVERSE TRUSS AT FR 01
SIMILAR TO TYP TRANSVERSE TRUSS U.N.O.
SCALE: 1/4" = 1'-0"
LOOKING FORWARD



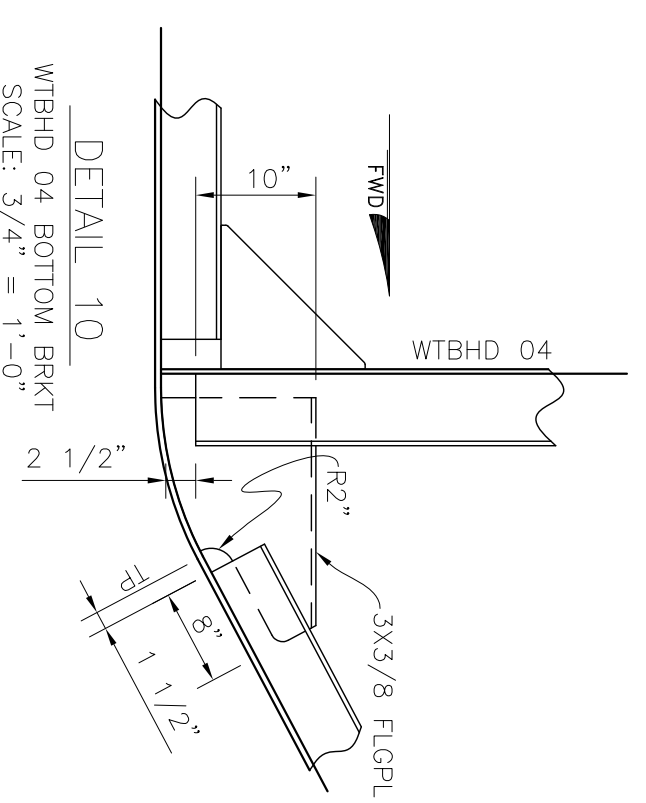
TRANSVERSE TRUSS AT FR 02
SIMILAR TO TYP TRANSVERSE TRUSS U.N.O.
SCALE: 1/4" = 1'-0"
LOOKING FORWARD



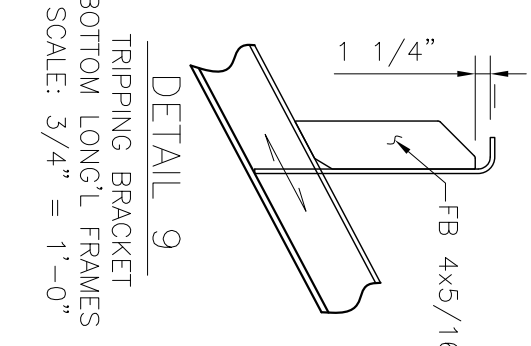
TRANSVERSE TRUSS AT FR 03
SIMILAR TO TYP TRANSVERSE TRUSS U.N.O.
SCALE: 1/4" = 1'-0"
LOOKING FORWARD



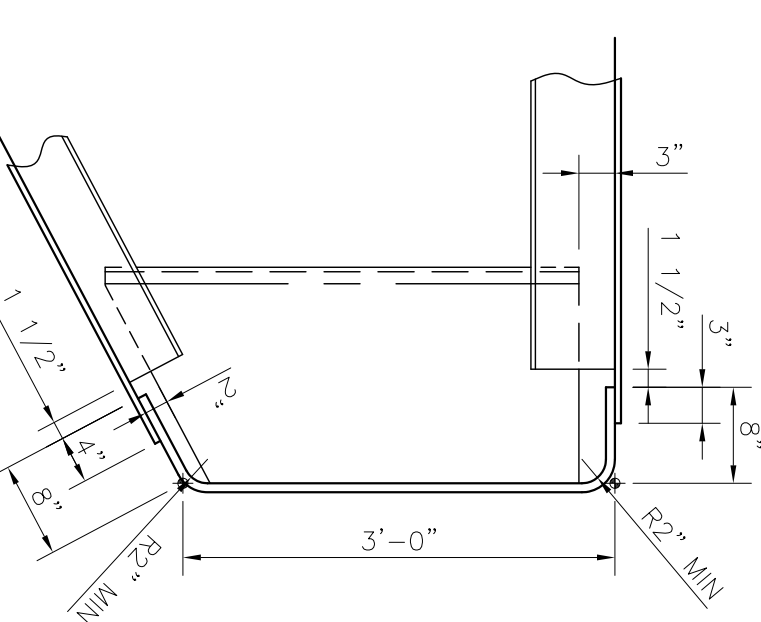
TRANS. WTBHD 04
SCALE: 1/4" = 1'-0"
LOOKING FWD



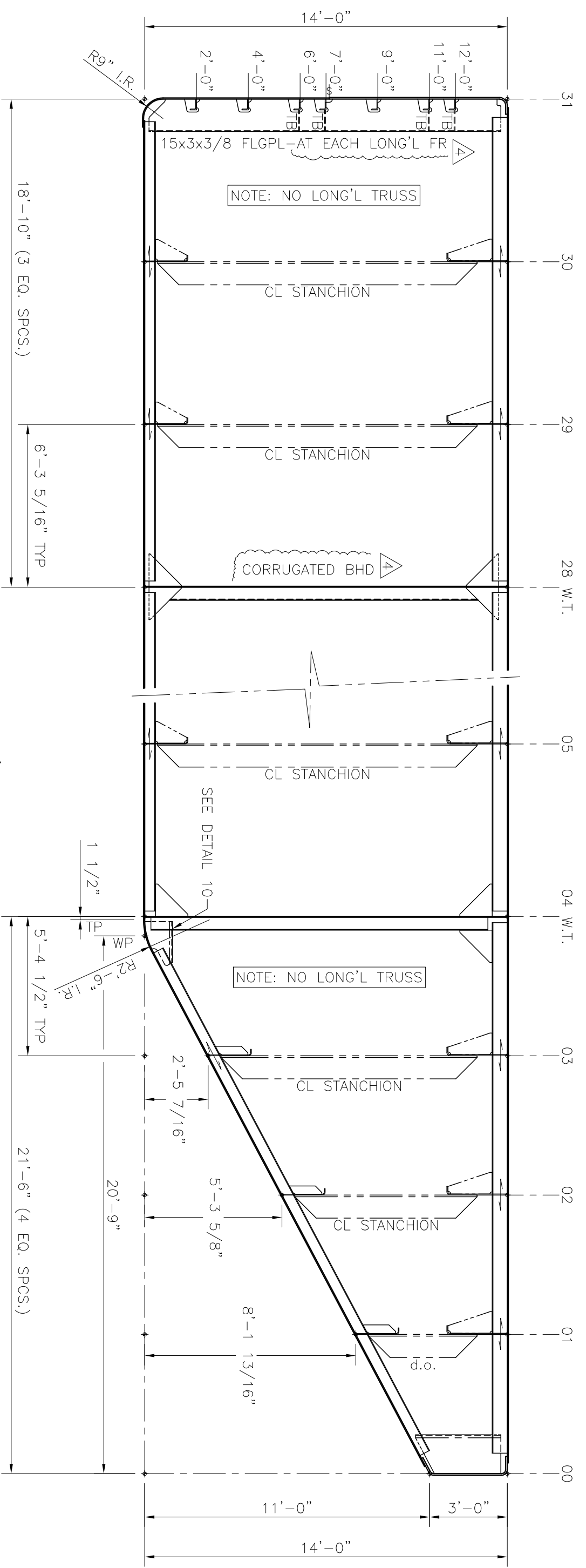
EACH BOTTOM LONG'L FRAMES 1,2,3
SCALE: 3/4" = 1'-0"



DETAIL C
TRIPPING BRACKET
EACH BOTTOM LONG'L FRAMES 1,2,3
SCALE: 3/4" = 1'-0"



HEADLOG DETAIL
SCALE: 3/4" = 1'-0"

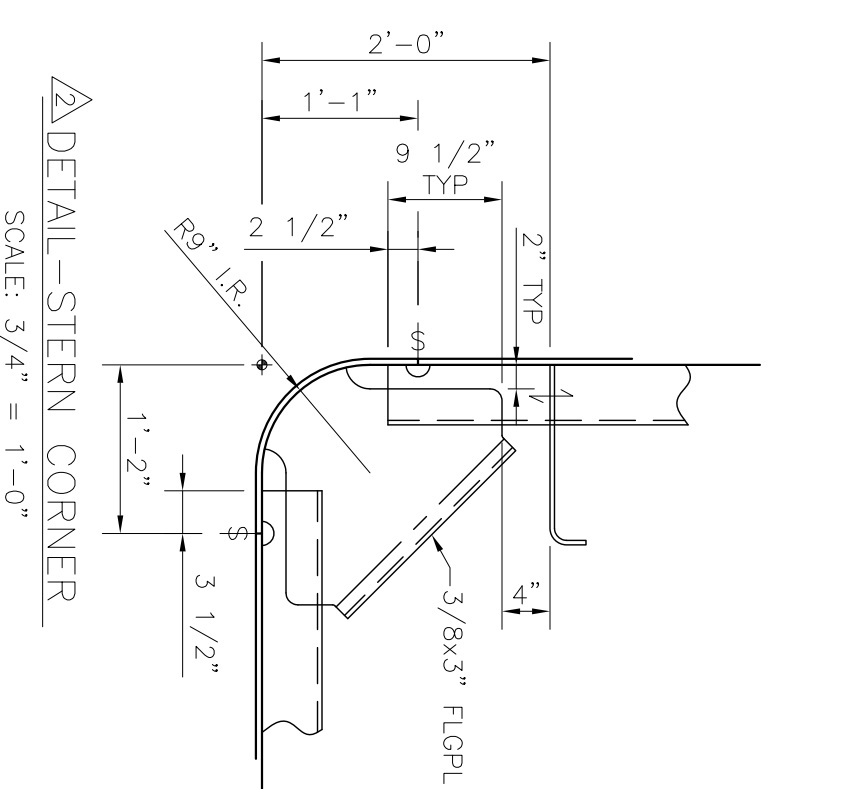


PARTIAL LONG'L ELEVATION

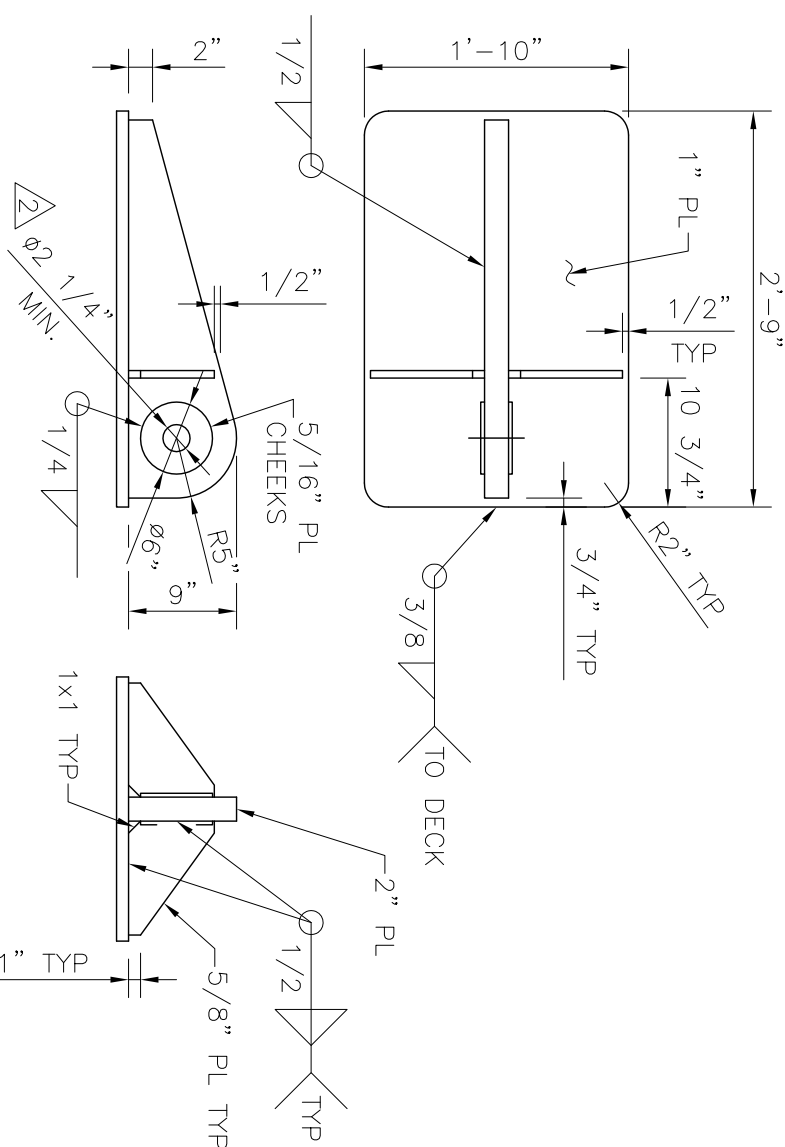
SCALE: 1/4" = 1'-0"

STARBOARD LOOKING PORT

FWD

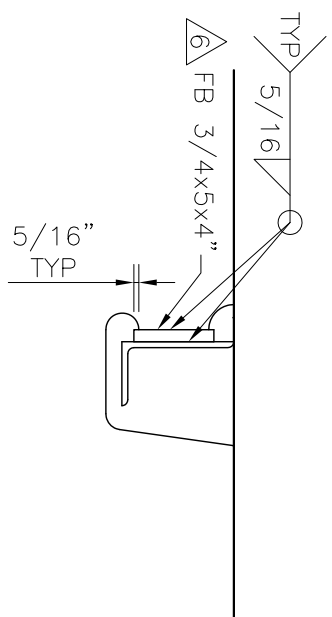


DETAIL 11-EMERGENCY TOW PAD
SCALE: 3/4" = 1'-0"



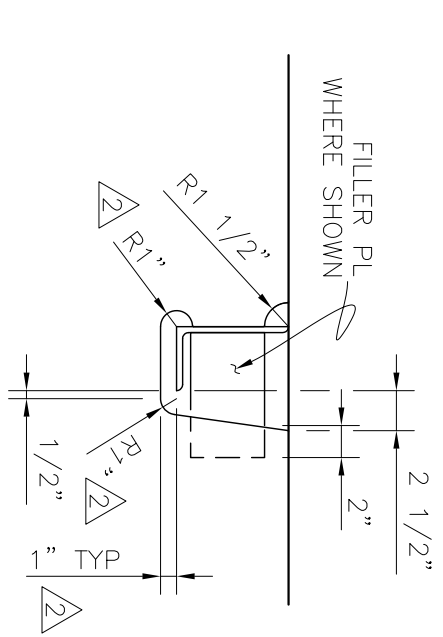
DETAIL 12-TOW PAD
SIMILAR TO EMERGENCY TOW PAD U.N.O

ASBUILD			
M. Dan Jones & Associates INC. SILVER LAKE, TX (281) 343-1555		CBQ 4508 - 200' X 50' x 14' SHEATHING 3000 SF DECK BARGE	
5. ASBUILD		DATE: 11-10	
4. TRANSOM TRNS. AT EA. LONG'L. CONC'D BRD. 2/8		DR. SCS	
3. ADJUST FRST TRUSS PER ABS. REVIEW		OK MOD	
2. ADD DETAIL, CALLOUT DIAMETER		APPRO	
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SCALE: AS NOTED		DWG. NO.: 10-14-01	
		A.T.: 5	



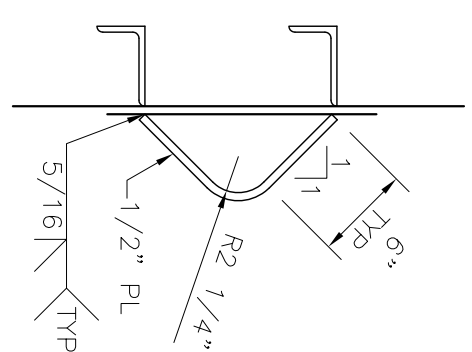
6 DETAIL 1B--ALTERNATE LONG'L CUTOUT

TYP @ DECK IMO OVERSIZE CUTOUTS
SIMILAR TO DETAIL 1A U.N.O.
SCALE: 1" = 1'-0"



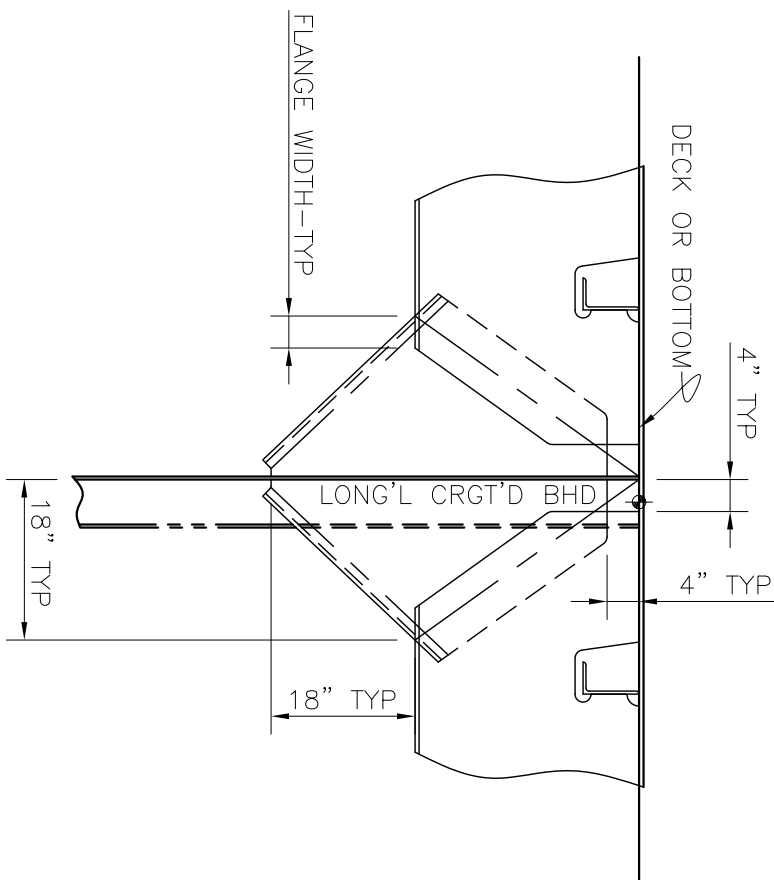
6 DETAIL 1A-LONG'L CUTOUT

SCALE: 1" = 1'-0"
 TYP @ BOTTOM, SIDE & DECK



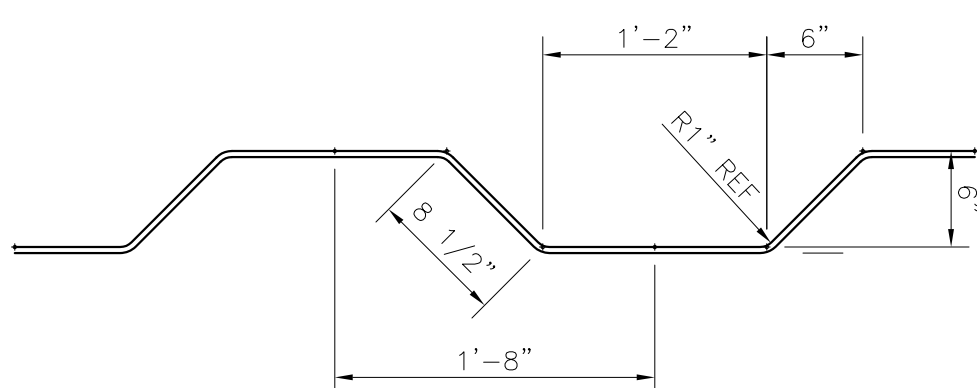
DETAIL 2--FENDER

SCALE: 1" = 1'-0"



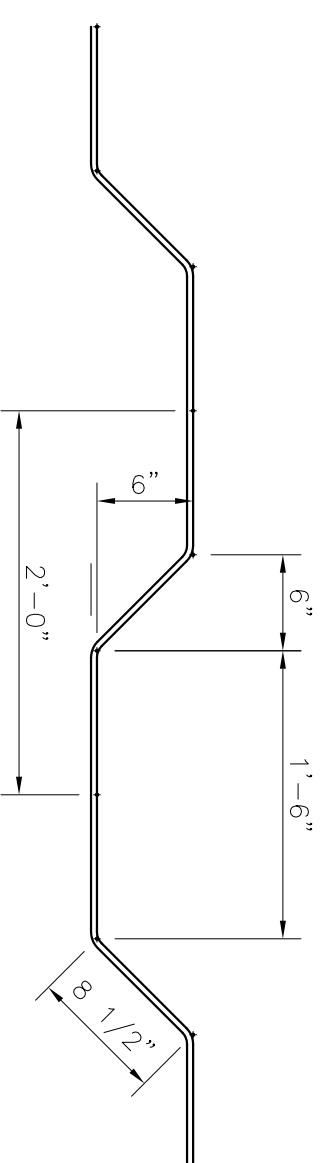
DETAIL 3-TYP WEB & BRKT CONN'N

SCALE: 1/2" = 1'-0"
SIM @ BOTTOM & DECK



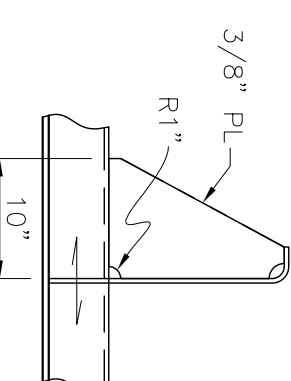
DETAIL 4-LONG'L BHD CORRUGATION

SCALE: 1" = 1'-0"
P&S OPP. HAND



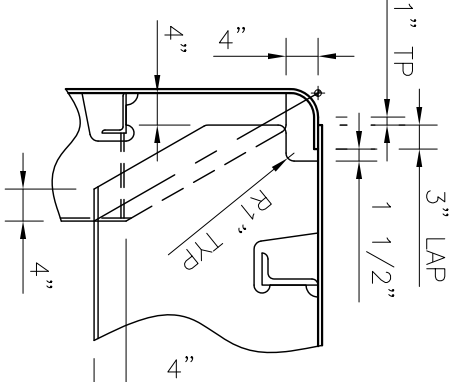
DETAIL 5-TRANS BHD CORRUGATION

SCALE: 1" = 1'-0"
P&S OPP. HAND



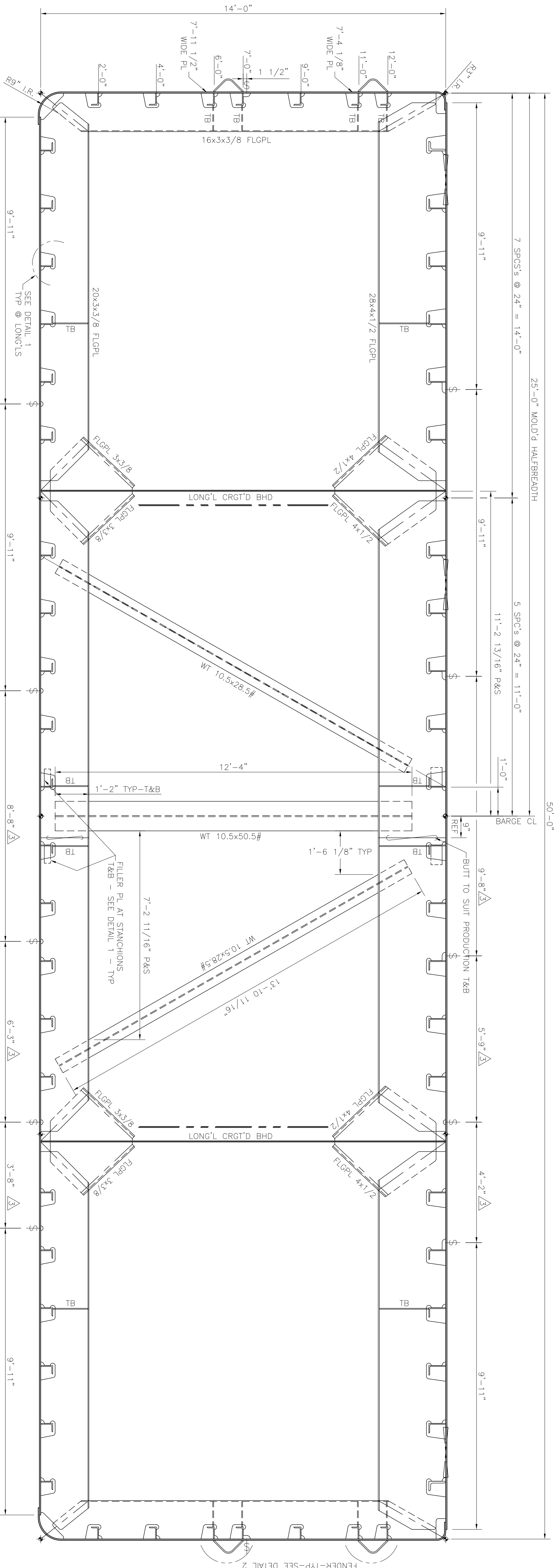
DETAIL 6

TRIPPING BRACKET
SIMILAR AT DECK,BOTTOM & SIDE
WHERE NOTED AS "TB"
SCALE: 3/4" = 1'-0"



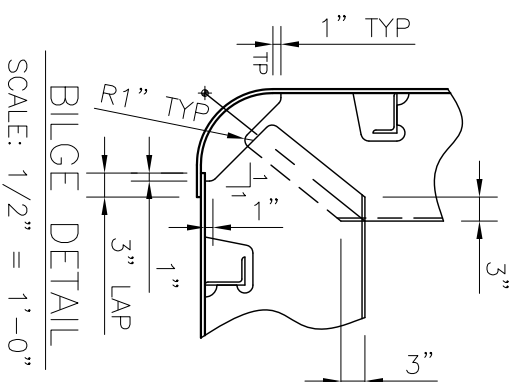
GUNNEL DETAIL
SCALE: 1/2" = 1'-0"

SCALE: 1/2" = 1'-0"



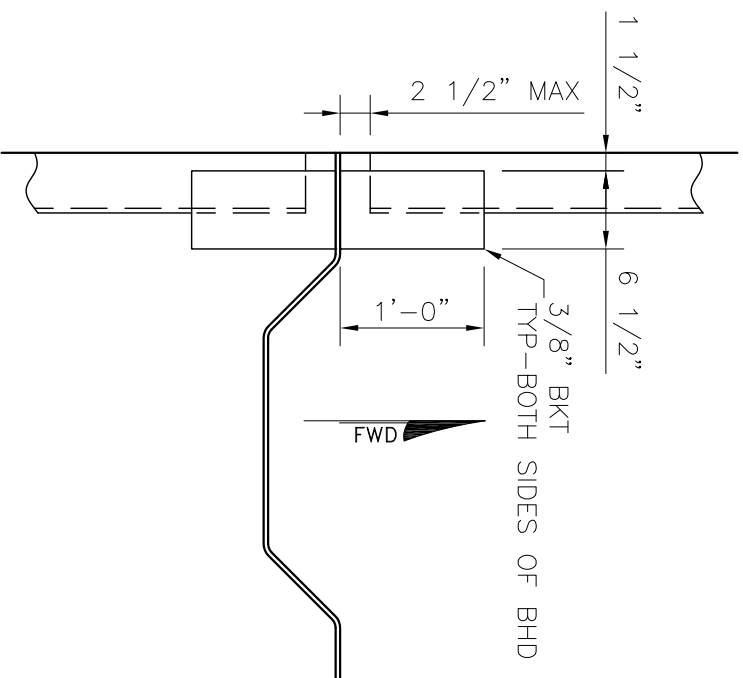
TYP TRANSVERSE TRUSS

SCALE: 1/2" = 1'-0"
LOOKING FORWARD



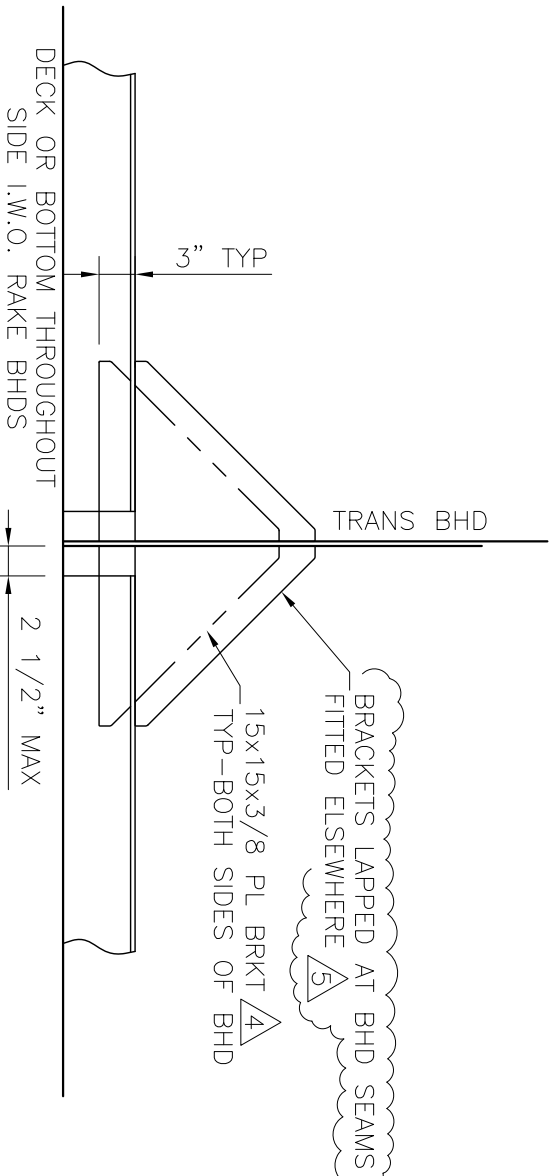
SCALE: 1/2" = 1'-0"

SCALE: 1/2" = 1'-0"



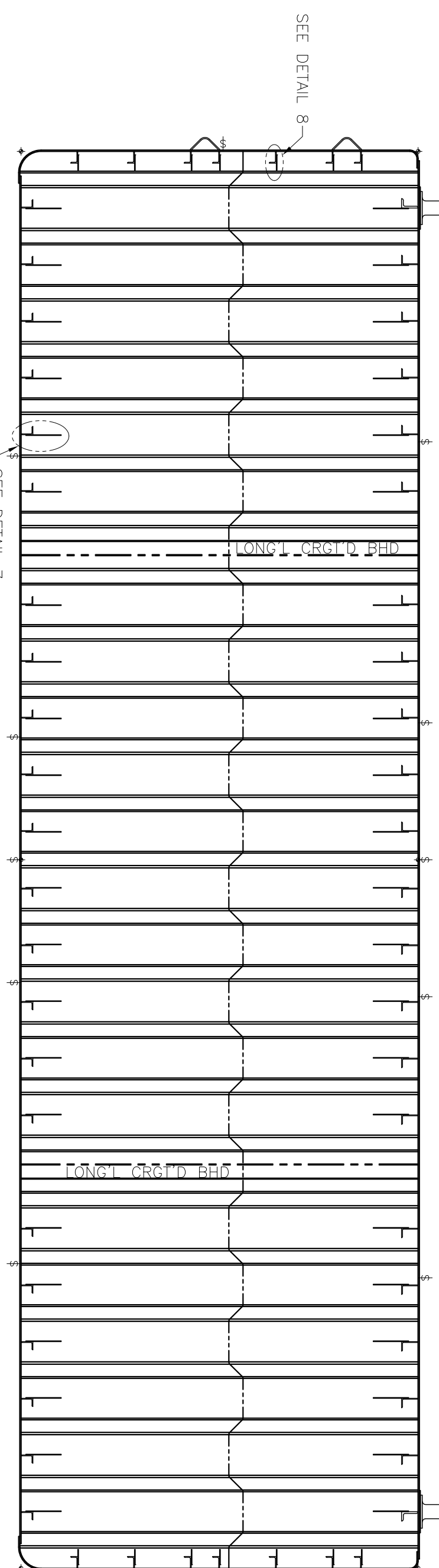
DETAIL 8-TRANS BHD BRKT

P&S SIDES AT BHD'S 10,16 & 21



DETAIL 7-TRANS BHD BRKT

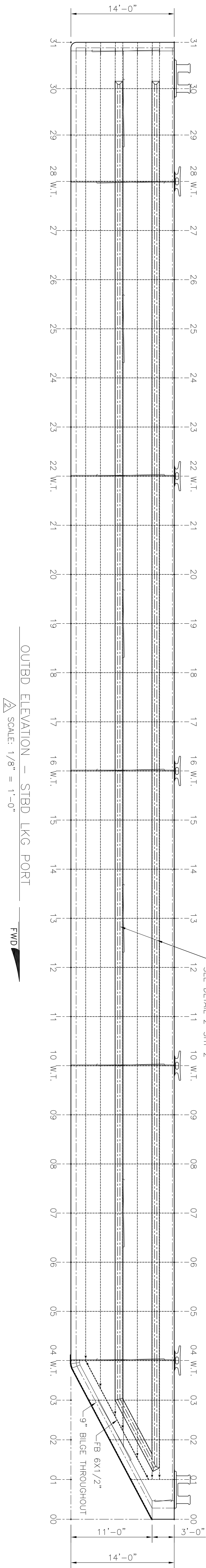
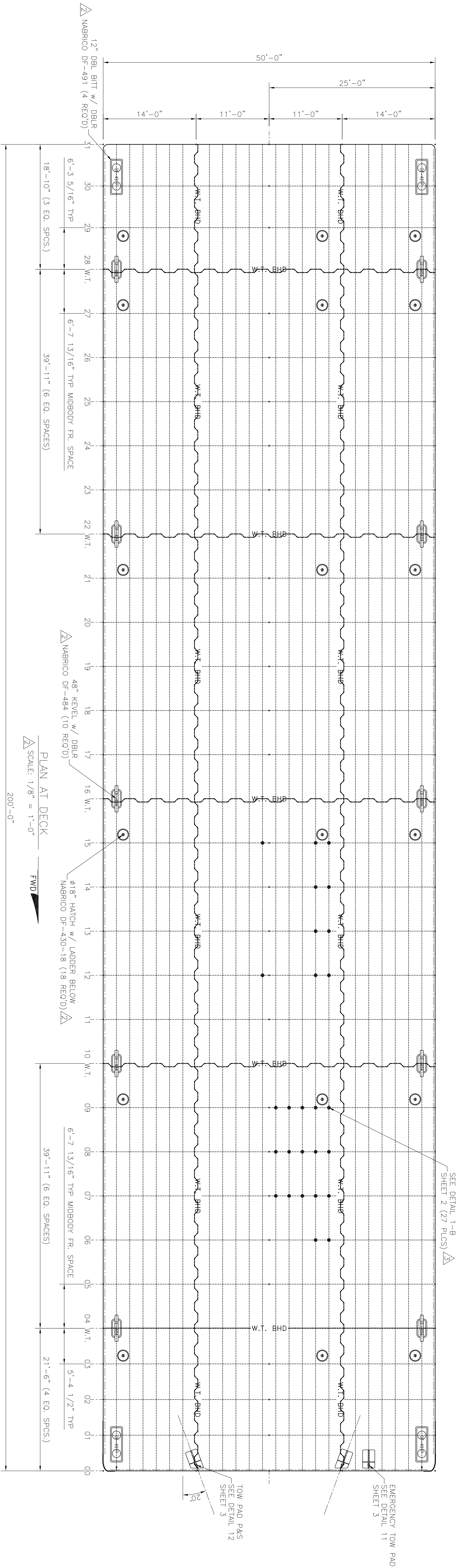
SCALE: 3/4" = 1'-0"



TRANS. CRGT'D BHD - FR's 10,16,22,28

SCALE: 1/4" = 1'-0"
LOOKING FORWARD

7	AS BUILT
6	WAS DETAIL 1, IS DETAIL 1A; ADD DETAIL 1B
5	BRACKET FIT NOTE
4	BRACKET WAS 12X1/2 - IS 15X1/5
3	ADJUST SEAMS TO SUIT PRODUCTION
2	CUTOUT CLEARANCE WAS 1/2" IS 1"
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 M. Don Jones & Associates MECHANICAL ARCHITECTS MARINE CONSULTANTS SUGAR LAND, TX (281) 343-1666	
DR.	OK
SRS	MDU
DATE	APPRO
11-10	
CBG 4508 - 200'x50'x14' SHIP HULL NO. 5812 3000 F5F DECK BARGE STRUCTURAL ARRANGEMENT	
DATE	AS NOTED
10-14-01	AT 7



STRUCTURAL SPECS

PLATING

BOTTOM	1/2"
SIDES	1/2"
BILGE	1/2"
GUNWALE (to match sides or deck)	1/2"
HEADLOG	3/4"
TRANSOM (upper 4'-0")	3/4"
.. (below 4'-0")	1/2" (min)
WATERTIGHT CORR. BHDS. (all)	3/8"
FITTED BRACKETS AT BHDS. (for all longs)	3/8"
DRIPPING BRACKETS	3/8"
TRANSOM END CONNS	3/8"
STANCHION END CONNS	3/8"
HEADLOG VERT. FL PLT	1/2"
DECK LONGS (all, except deck transverse conns)	1/2"
BRACKETS (all, except deck transverse conns)	1/2"

STIFFENERS

BOTTOM LONGS (throughout)	L 5 x 3 1/2 x 3/8"
.. (at ends)	L 5 x 3 1/2 x 3/8"
DECK LONGS (throughout)	L 7 x 4 x 3/8"
.. (at 23'-0" off centerline)	L 5 x 3 x 3/8"
TRANSOM HORIZONTALS	L 5 x 3 x 3/8"
HEADLOG VERTICAL FL PLT	18" x 3" x 3/8"
STANCHION @ CENTERLINE	WT 10.5 x 20.5#
DIAGONALS @ CENTERLINE	WT 10.5 x 20.5#
RAKE BHD. VERTICAL STIFFENER	L 6 x 4 x 3/8"

WEB FRAMES

BOTTOM TRANSVERSE (throughout)	FL PLT 20 x 3 x 3/8"
.. (at ends)	..
SIDE TRANSVERSE (throughout)	..
.. (at ends)	..
FLANGED BRACKETS @ DECK & BOTT. TRANSV	SEE DETAILS ON SHEET 2
STERN VERTICAL FLANGED PLATE	FL PLT 15" x 3 x 3/8"

WELDING SCHEDULE

BOTTOM, SIDE, & DECK PLATE PERIPHERIES	5/16" DBL. CONT.
BOTTOM LONGS (@ rake bottom)	1/4"-3" on 11" CTRS (see note 1)
BOTTOM LONGS (all, off rake bhd)	1/4"-3" on 9" CTRS (see note 1)
SIDE LONGS (off 0-5)	1/4"-3" on 11" CTRS (see note 1)
.. (all fr. 5) @ 23'-0" off centerline	1/4"-3" on 11" CTRS (see note 1)
DECK LONGS (all, off 0-5)	1/4"-3" on 11" CTRS (see note 1)
BULKHEAD VERTICAL STIFFENERS	1/4"-3" on 11" CTRS (see note 1)
ALL BHD. PERIPHERIES	1/4" one side, 5/16" the other side
BOTTOM & SIDE TRANSVERSES	1/4"-3" on 8" CTRS
DECK TRANSVERSES	5/16"-3" on 8" CTRS
HEADLOG VERT. FL PLT	1/4"-3" on 8" CTRS
STANCHION END CONNS	5/16" all round
DIAGONAL END CONNS	5/16" all round
BRACKETS (all, except deck transverse conns)	5/16" bevel weld (see detail SH2)
.. (deck transv. conns)	1/4" dbl cont. all round

WELDING NOTES

1. AT ENDS AND TRANSVERSES, PROVIDE 6" OF DBL. CONT. WELDS

- GENERAL NOTES
1. ALL WELDS SHALL BE CLASSIFIED BY A.B.S. FOR OCEAN DECK SERVICE.
 2. DECK SCANTLING SUITABLE FOR 3000 PSI IMPROV. LOAD & WILL BE A.B.S. APPROVED.
 3. CENTER TANKS AND WING TANKS TO BE BALLAST W/ DESIGN HEAD OF 3'-0" ABOVE MAIN DECK.

ASBUILT

M. Dan Jones & Associates
MARINE CONSULTANTS
SUDBURY, ONT. L3R 9V4
(416) 343-1686

CBQ 4508 - 200'x50'x14'
3000 PSF DECK BARGE

STRUCTURAL ARRANGEMENT

DATE 11-10
SHEET 1 OF 3
AS NOTED
DWG. NO. 10-14-01
ALT. 3