



NOTES:

- 1) THE DESIGN DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE VESSEL CONSTRUCTION; HOWEVER, THEY MAY NOT REPRESENT ALL OF THE EQUIPMENT AND PIPING ON BOARD THE VESSEL.
 - 2) INTERIOR LAYOUT WILL BE DETAILED IN A SEPARATE DRAWING. DRAWING NUMBER TO BE CONFIRMED.
 - 3) REFIT OVERVIEW IS DETAILED IN 1178-REFIT OVERVIEW.dwg.
 - 4) PLATING TO BE CONSTRUCTED FROM 5083-H116 ALUMINUM. ALL OTHER STRUCTURAL ELEMENTS TO BE CONSTRUCTED OF 6061-T6 ALUMINUM.
 - 5) BRACKET DETAILS TO BE EQUAL TO THE ORIGINAL VESSEL
- RED TEXT OR LINES INDICATES CHANGES TO EXISTING OR NEW ADDITIONS TO THE VESSEL



Transport Canada
Transports Canada

APPROVED - APPROUVÉ

ON THE AUTHORITY OF THE
CANADA SHIPPING ACT AND
REGULATIONS MADE
THEREUNDER.

EN VERTU DE LA LOI SUR LA
MARINE MARCHANDE DU
CANADA ET DES RÉGLEMENTS
CONNEXES.

Vaughan Owens

ON BEHALF OF THE MINISTER
OF TRANSPORT.

POUR LE COMPTE DU
MINISTRE DES TRANSPORTS.

October 18, 2018

DATE

This document has been processed electronically and it is
therefore valid without signature.

Ce document a été traité par voie électronique et il est par
 conséquent valide sans signature.



REVISION	REVISION DATE	ISSUED DATE
		APR 23, 2018
		SCALE: 1:50
		DRAWN BY: CM
		CHECKED: MD

CANADIAN COAST GUARD

VAKTA REFIT

STATUS:	APPROVED BY
SHEET #: 1 OF 6	GG
FOR CONSTRUCTION	REVO
1178-STRUCTURE	

3" x2" x 3/16" IOA UNDER TOW REEL SUPPORTS
ENCLOSURE FOR TOW LINE REEL
SIZE AND LOCATION TO BE CONFIRMED UPON REEL SELECTION
HOLES FOR MOUNTING TOW ROPE REEL
TOW LINE REEL MOUNTING PLATES
SIZE AND LOCATION TO BE CONFIRMED UPON REEL SELECTION

STIFF LEG MOUNTING PAD 1/4" PLATE FOR MAST SUPPORT (P#5)
SHIPYARD TO SELECT EXACT LOACTION

FB 3" X 1/4"
3/16" PLATE BRACKET

EXTENSION OF
DECKHOUSE TOP

PLAN VIEW 1-2E
DECKHOUSE TOP
ALL STIFFS IOA 3'x2"x3/16" U.N.O.

NEW CABIN EXTENSION AND TOW REEL ENCLOSURE SHOWN
FOR REFERENCE, BUT NOT LOCATED AT SIDEWALL

20MM ROUND BAR EDGE TRIM

MOVE DOOR CUTOUT TO STARBOARD
REPAIR IWO OLD DOOR CUTOUT
NEW DOOR MODEL TO BE CONFIRMED

REMOVE EXISITING WINDOW
REPAIR ANY OPENINGS

HOUSE TOP
3/16" AL PLT
EXISTING DOOR CUTOUT
HOUSE SIDE
SEE ELEVATION 1-3E
REMOVE EXISTING TOW LINE REEL
AND ACCESS DOOR
REPAIR ANY OPENINGS AND
REPLACE STIFFENERS
TO GO FULL HEIGHT

AFT BULKHEAD REVISIONS

SECTION 1-4B
AFT HOUSE BHD
LOOKING AFT

ALL STIFFS IOA 3'x2"x 3/16" U.N.O.

EXTENSION OF
DECKHOUSE TOP

SECTION 1-3E
STBD SIDE PROFILE - PORT SIDE SIM.
ALL STIFFS IOA 3'x2"x3/16" U.N.O.

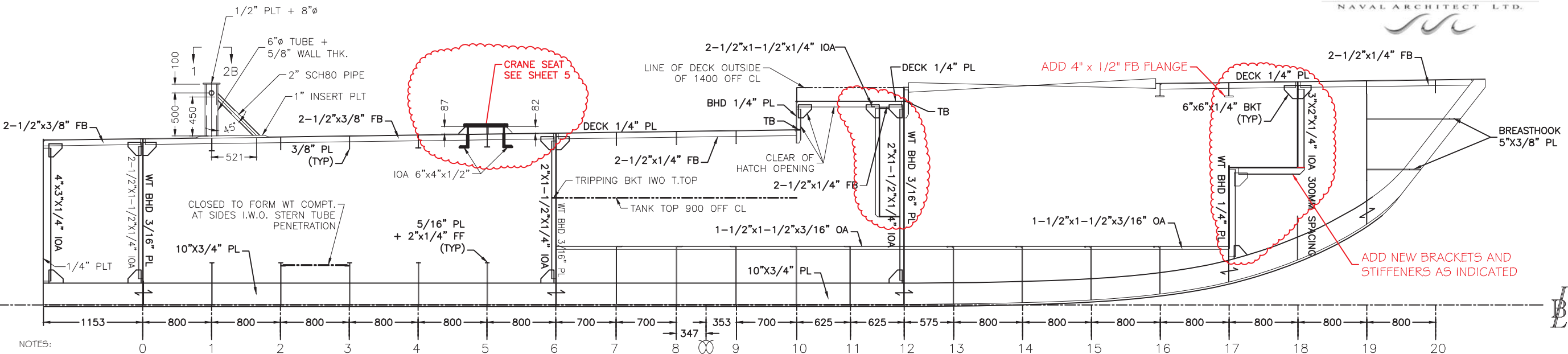
FUEL TANK EXTENSION
TANK STRUCTURE TO BE CONTINUED FROM FRAME 8 TO FRAME 10
SIMILAR TO EXISTING TANK IN FRAME 6 TO FRAME 8
EXISTING TANK WALL AT FRAME 8 TO BE CUT TO ALLOW FREE FLOW OF FUEL BETWEEN OLD AND NEW TANK SECTIONS

FORWARD COLLISION
BULKHEAD REVISION

FORWARD MECHANICAL ROOM BULKHEAD REVISION

PROFILE 1-3F

600mm TO PORT PROFILE

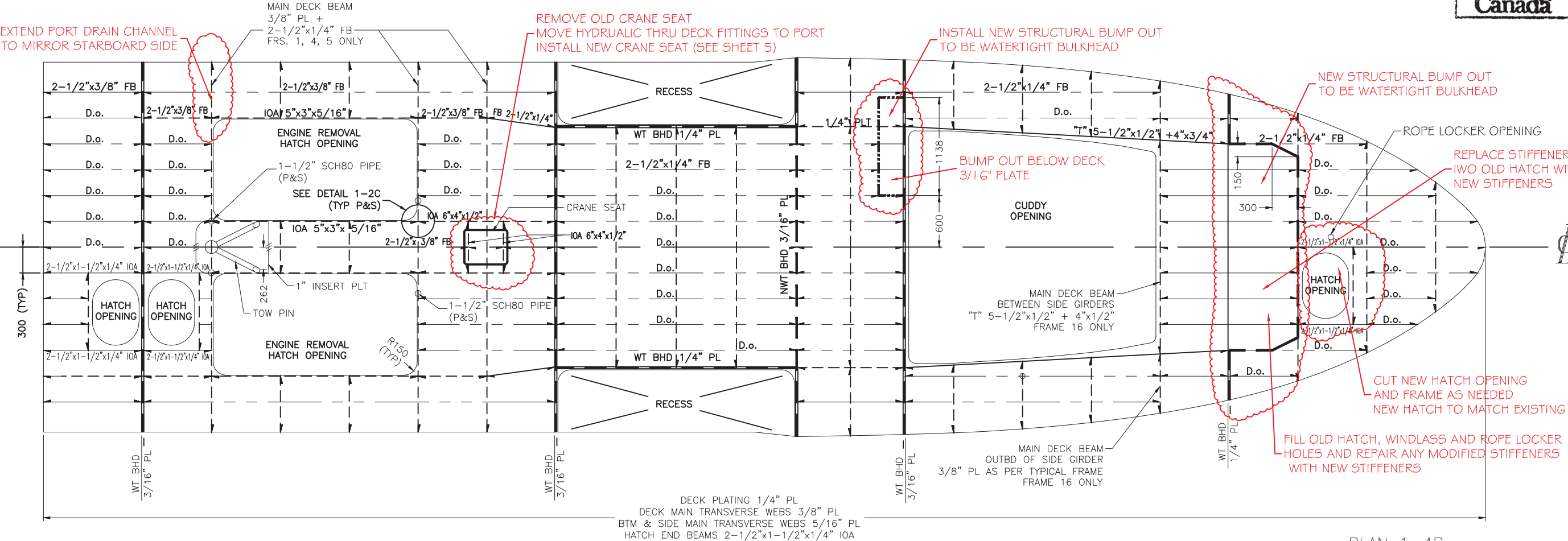


NOTES:

- 1) THE DESIGN DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE VESSEL CONSTRUCTION; HOWEVER, THEY MAY NOT REPRESENT ALL OF THE EQUIPMENT AND PIPING ON BOARD THE VESSEL.
- 2) INTERIOR LAYOUT WILL BE DETAILED IN A SEPARATE DRAWING. DRAWING NUMBER TO BE CONFIRMED.
- 3) REFIT OVERVIEW IS DETAILED IN I 178-REFIT OVERVIEW.dwg.
- 4) PLATING TO BE CONSTRUCTED FROM 5083-H116 ALUMINUM. ALL OTHER STRUCTURAL ELEMENTS TO BE CONSTRUCTED OF 6061-T6 ALUMINUM.
- 5) BRACKET DETAILS TO BE EQUAL TO THE ORIGINAL VESSEL

RED TEXT OR LINES INDICATES CHANGES TO EXISTING OR NEW ADDITIONS TO THE VESSEL

PROFILE 1-3B
CENTERLINE PROFILE



PLAN 1-4B
PLAN AT MAIN DECK

REVISION	REVISION DATE	ISSUED DATE
		APR 23, 2018
		SCALE: 1:50
		DRAWN BY: CM
		CHECKED: MD

STATUS:	APPROVED BY	REVISION
SHEET #: 2 OF 6	GG	REVO
FOR CONSTRUCTION		
I 178-STRUCTURE		

CANADIAN COAST GUARD

VAKTA REFIT



NOTES:

1) THE DESIGN DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE VESSEL CONSTRUCTION; HOWEVER, THEY MAY NOT REPRESENT ALL OF THE EQUIPMENT AND PIPING ON BOARD THE VESSEL.

2) INTERIOR LAYOUT WILL BE DETAILED IN A SEPARATE DRAWING. DRAWING NUMBER TO BE CONFIRMED.

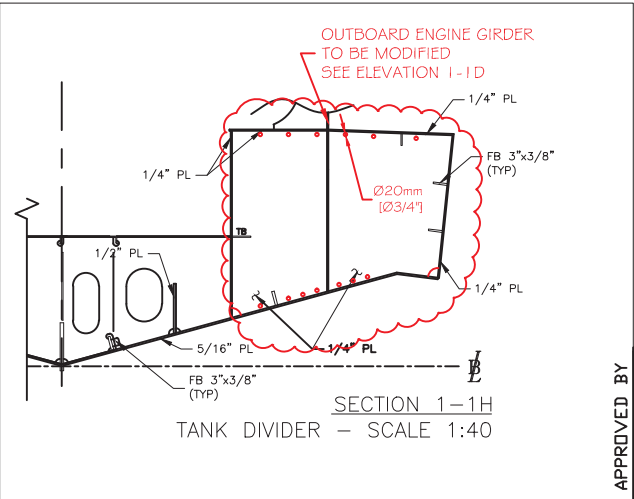
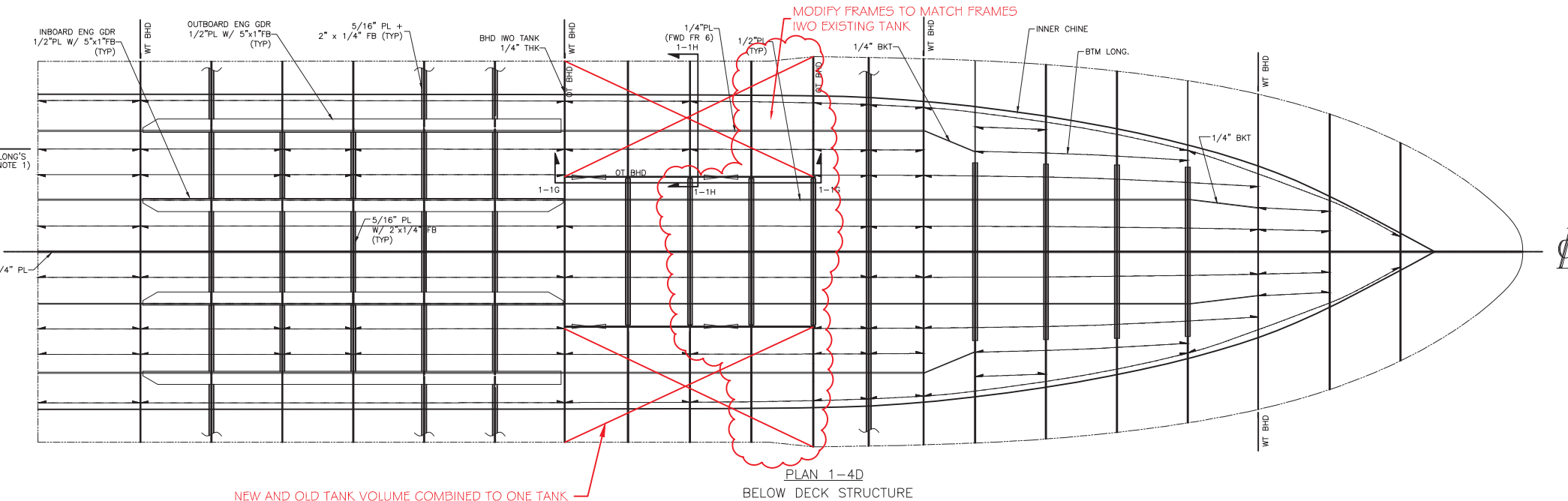
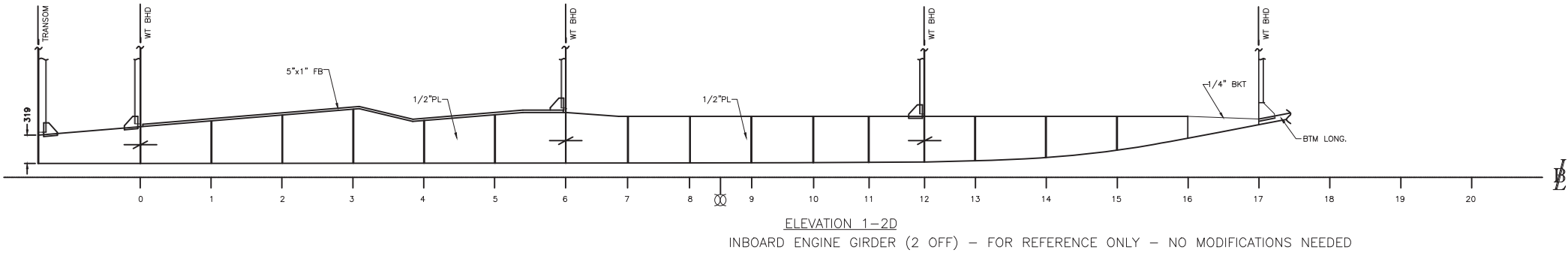
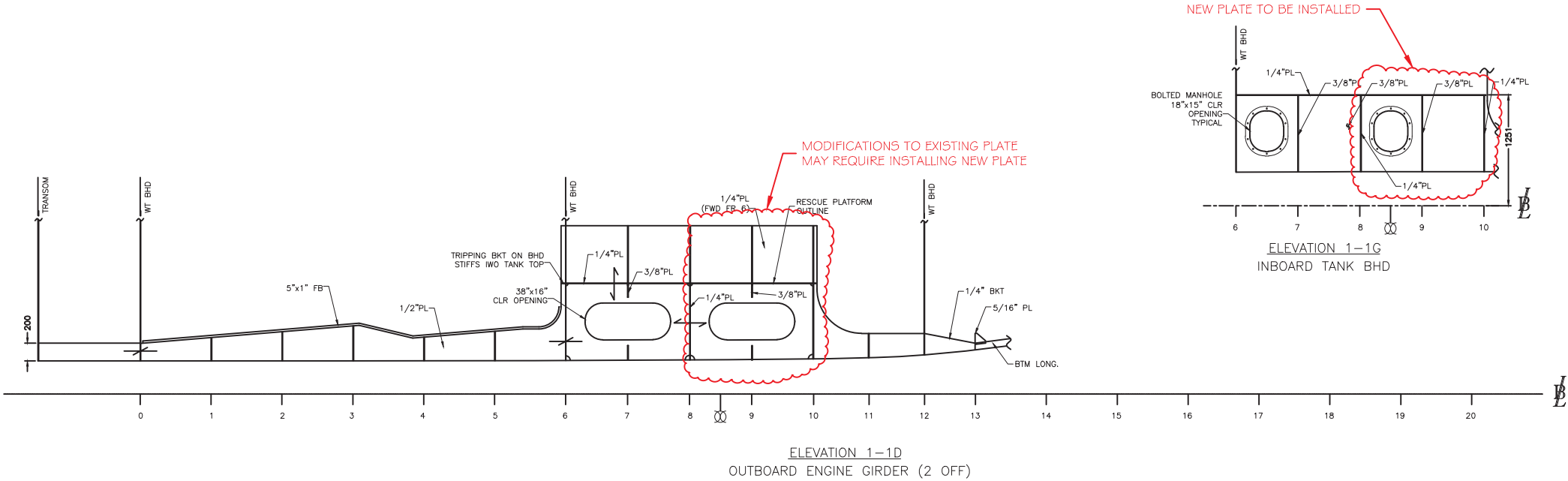
3) REFIT OVERVIEW IS DETAILED IN I 178-REFIT OVERVIEW.dwg.

4) PLATING TO BE CONSTRUCTED FROM 5083-H116 ALUMINUM. ALL OTHER STRUCTURAL ELEMENTS TO BE CONSTRUCTED OF 6061-T6 ALUMINUM.

5) BRACKET DETAILS TO BE EQUAL TO THE ORIGINAL VESSEL

RED TEXT OR LINES INDICATES CHANGES TO EXISTING OR NEW ADDITIONS TO THE VESSEL

REVISION	REVISION DATE	ISSUED DATE
		APR 23, 2018
		SCALE: 3/16" = 1'
		DRAWN BY: CM
		CHECKED: MD



STATUS:	APPROVED BY	FOR CONSTRUCTION	REVO
SHEET #: 3 OF 6	GG		
I 178-STRUCTURE			

CANADIAN COAST GUARD

VAKTA REFIT



REVISION	REVISION DATE	ISSUED DATE	APR 23, 2018	
			SCALE: 3/16" = 1"	DRAWN BY: CM
				CHECKED: MD

- NOTES:
- 1) THE DESIGN DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE VESSEL CONSTRUCTION; HOWEVER, THEY MAY NOT REPRESENT ALL OF THE EQUIPMENT AND PIPING ON BOARD THE VESSEL.
- 2) INTERIOR LAYOUT WILL BE DETAILED IN A SEPARATE DRAWING. DRAWING NUMBER TO BE CONFIRMED.
- 3) REFIT OVERVIEW IS DETAILED IN 1178-REFIT OVERVIEW.dwg.
- 4) PLATING TO BE CONSTRUCTED FROM 5083-H116 ALUMINUM. ALL OTHER STRUCTURAL ELEMENTS TO BE CONSTRUCTED OF 6061-T6 ALUMINUM.
- 5) BRACKET DETAILS TO BE EQUAL TO THE ORIGINAL VESSEL
- RED TEXT OR LINES INDICATES CHANGES TO EXISTING OR NEW ADDITIONS TO THE VESSEL

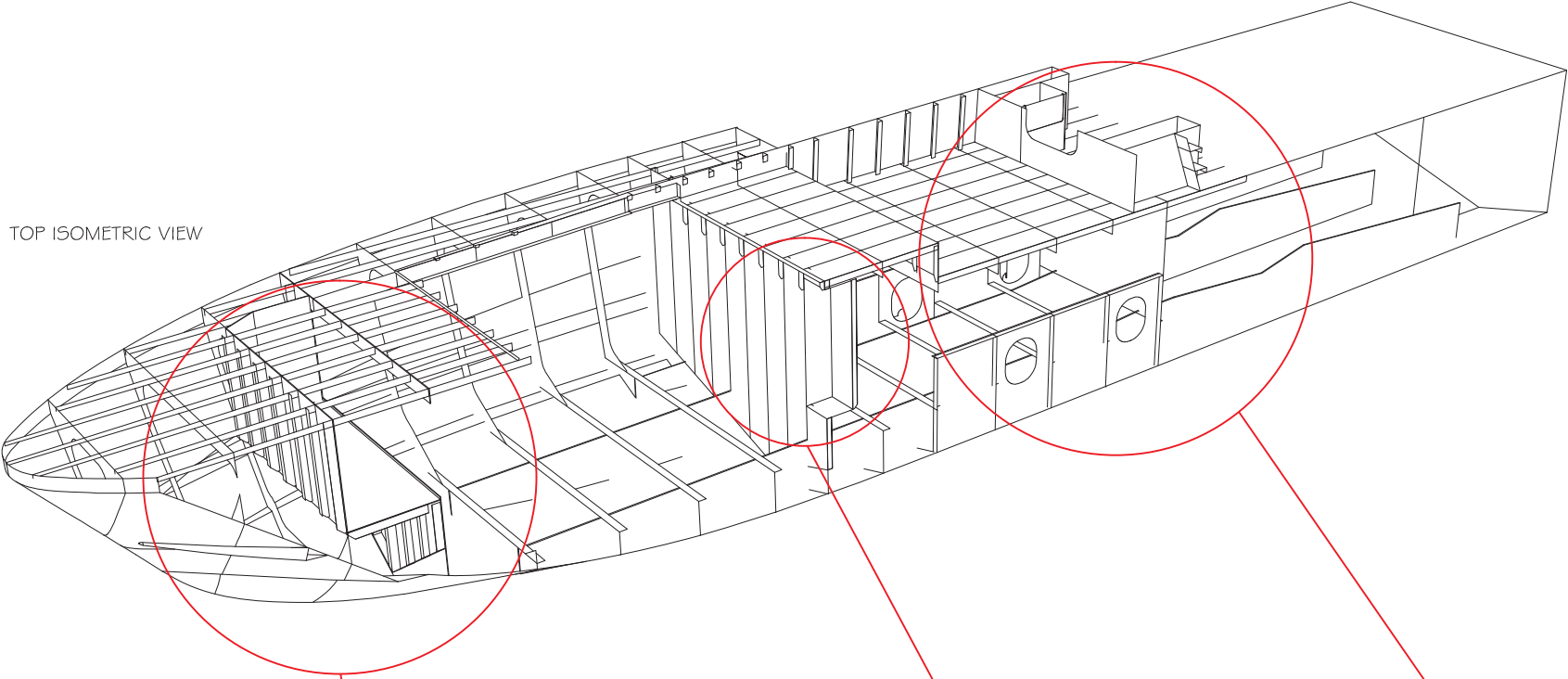


CANADIAN COAST GUARD
VAKTA REFIT

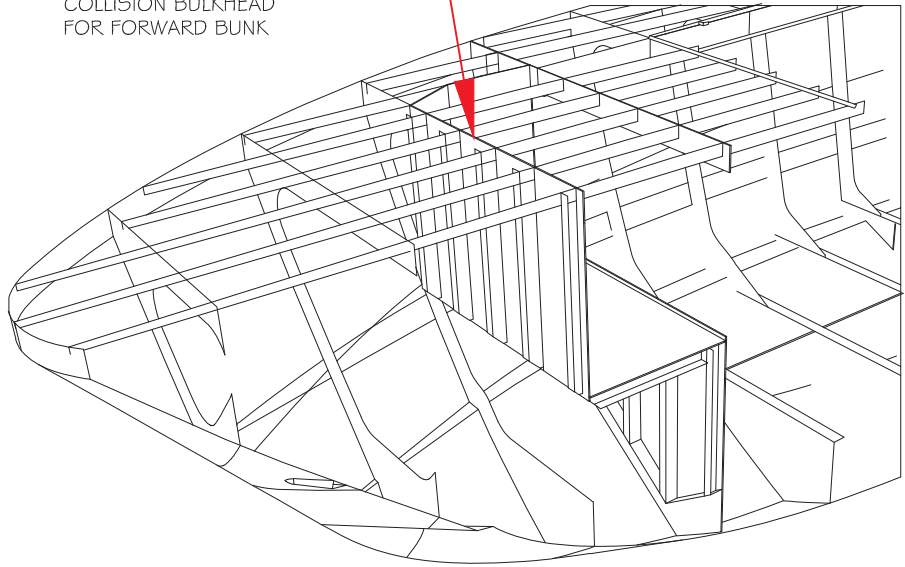
STATUS:		APPROVED BY
SHEET #: 4 OF 6	FOR CONSTRUCTION	GG
1178-STRUCTURE		REVO

STATUS: APPROVED BY

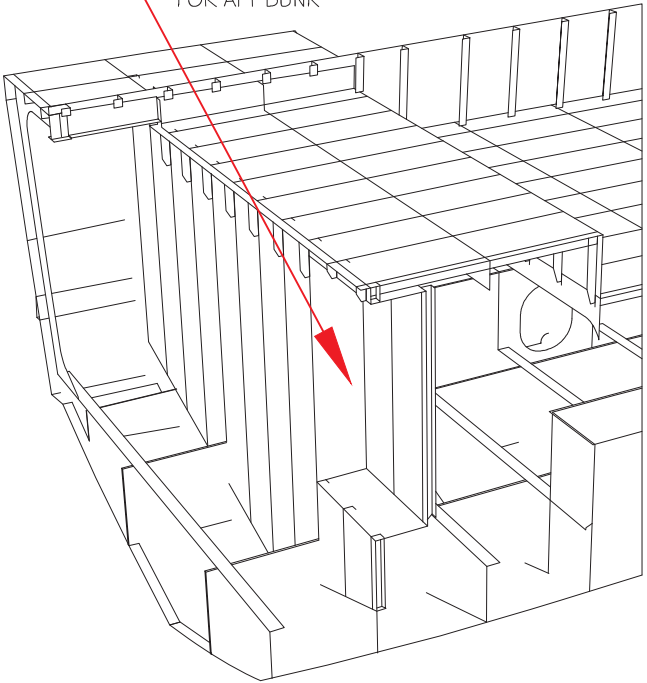
TOP ISOMETRIC VIEW



REVISION TO FORWARD
COLLISION BULKHEAD
FOR FORWARD BUNK

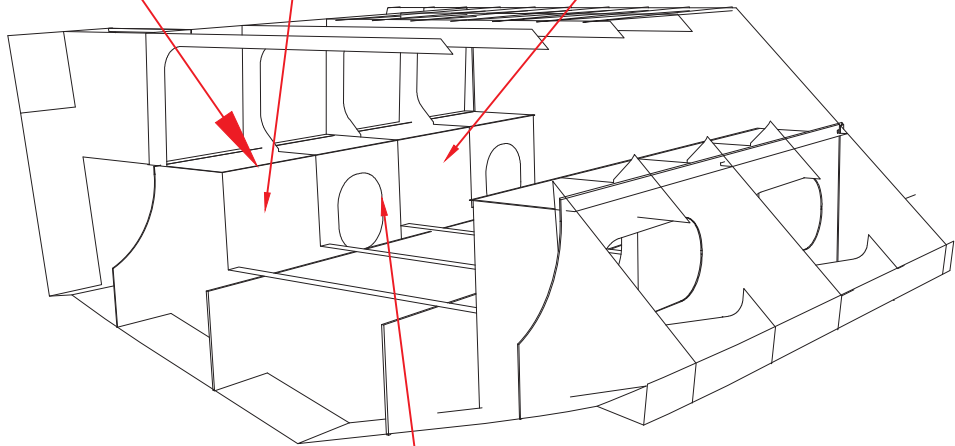


REVISION TO FORWARD
MECHANICAL ROOM BULKHEAD
FOR AFT BUNK



NEW EXTENSION TO TANK
TANK VIEW

ORIGINAL TANK



BOLTED MANHOLE COVER IN NEW TANKS
TO MATCH EXISTING MANHOLE COVER PLATES

VAKTA REFIT

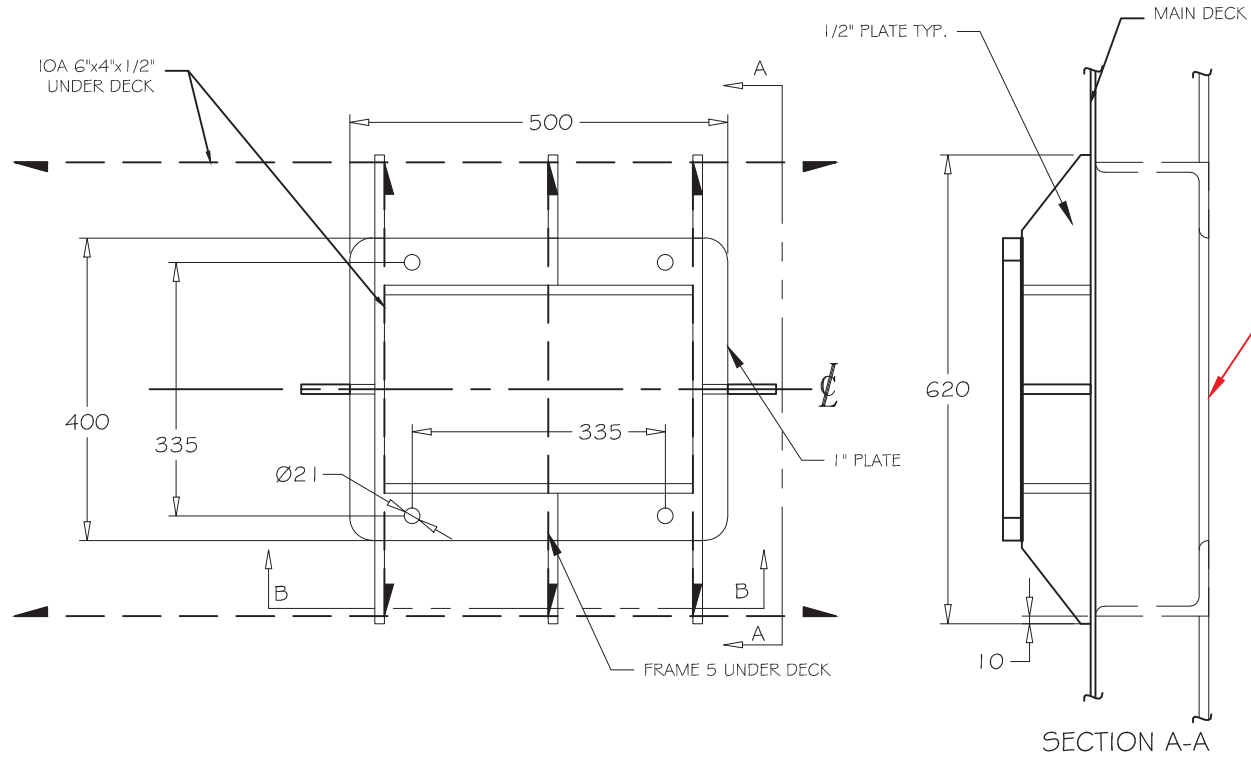


REVISION	REVISION DATE	ISSUED DATE
		APR 23, 2018
		SCALE: 1:10
		DRAWN BY: CM
		CHECKED: MD

CANADIAN COAST GUARD
VAKTA REFIT

STATUS:	APPROVED BY
FOR CONSTRUCTION	GG
1178-STRUCTURE	REVO

DET 1-1C NEW
NEW CRANE SEAT



INSTALL NEW CRANE
BASE ONTO DECK

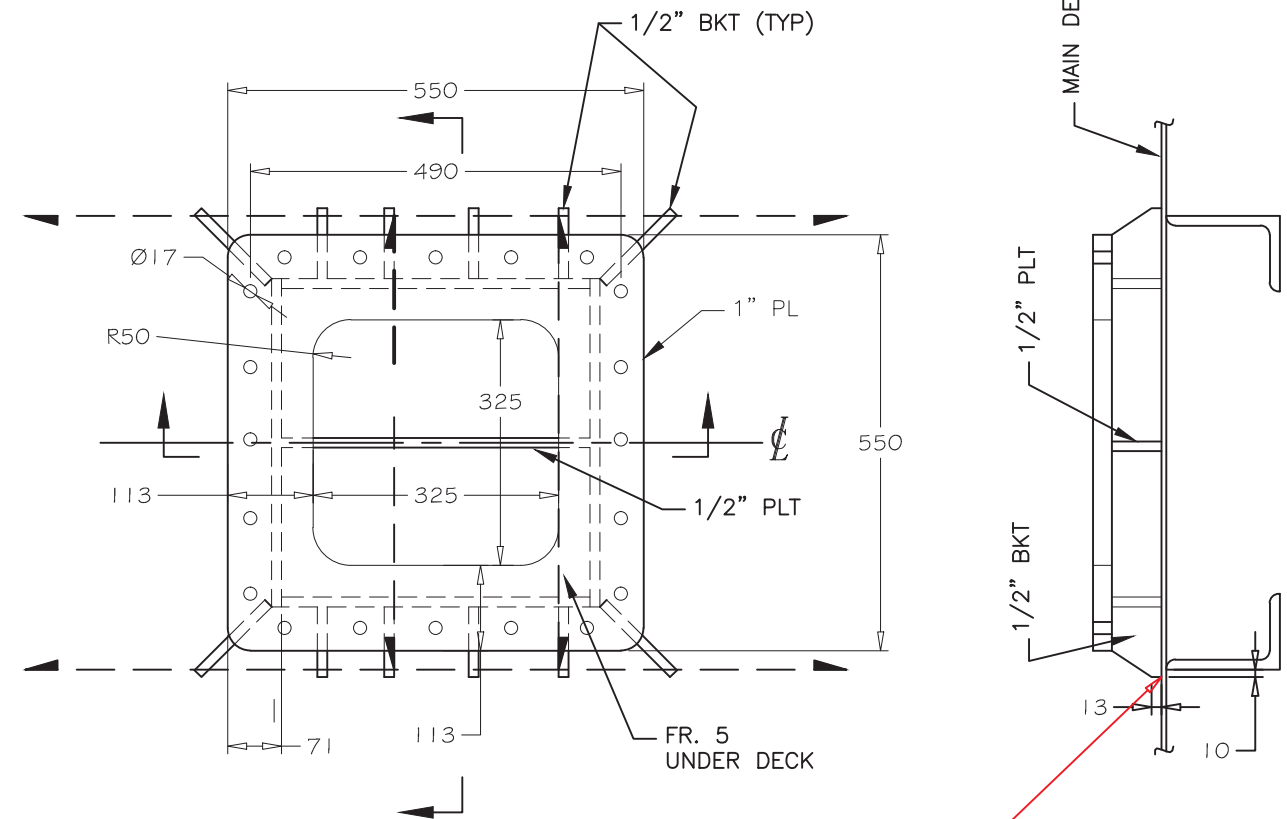
NEW CRANE SEAT DESIGNED FOR FASSI CRANE MODEL:
M40A.1.14

NOTES:

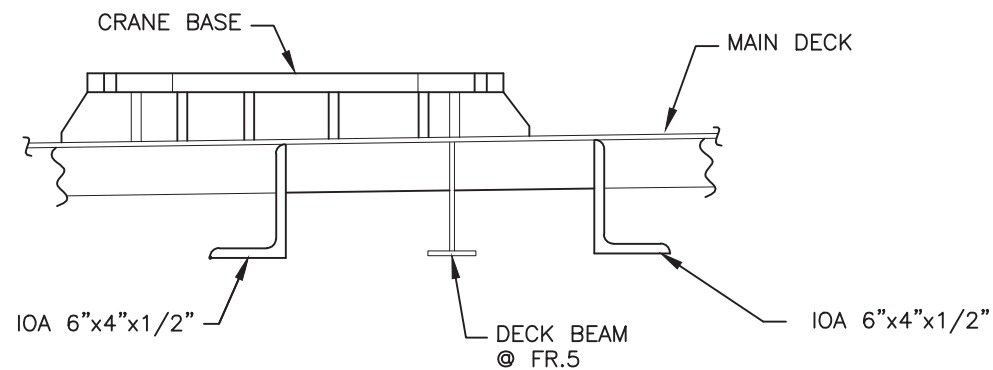
- 1) THE DESIGN DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE VESSEL CONSTRUCTION; HOWEVER, THEY MAY NOT REPRESENT ALL OF THE EQUIPMENT AND PIPING ON BOARD THE VESSEL.
- 2) INTERIOR LAYOUT WILL BE DETAILED IN A SEPARATE DRAWING. DRAWING NUMBER TO BE CONFIRMED.
- 3) REFIT OVERVIEW IS DETAILED IN 1178-REFIT OVERVIEW.dwg.
- 4) PLATING TO BE CONSTRUCTED FROM 5083-H116 ALUMINUM. ALL OTHER STRUCTURAL ELEMENTS TO BE CONSTRUCTED OF 6061-T6 ALUMINUM.
- 5) BRACKET DETAILS TO BE EQUAL TO THE ORIGINAL VESSEL

RED TEXT OR LINES INDICATES CHANGES TO EXISTING OR NEW ADDITIONS TO THE VESSEL

DETAIL 1-1C OLD
OLD CRANE SEAT - FOR REFERENCE ONLY

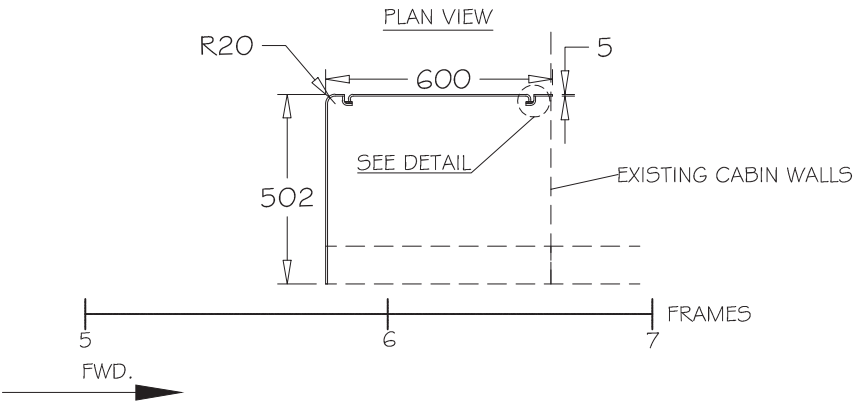


CUT OFF EXISTING CRANE BASE TO DECK LEVEL



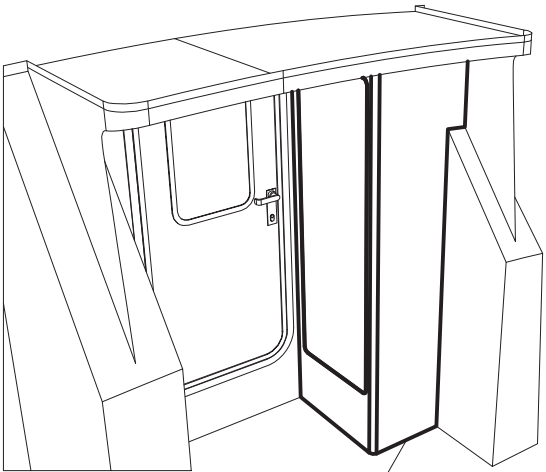


REVISION	REVISION DATE	ISSUED DATE
		AUG 13, 2018
		SCALE: 1:20
		DRAWN BY: CK
		CHECKED: GG



WET LOCKER COMPONENTS
FABRICATED FROM 3/16"
PLATE

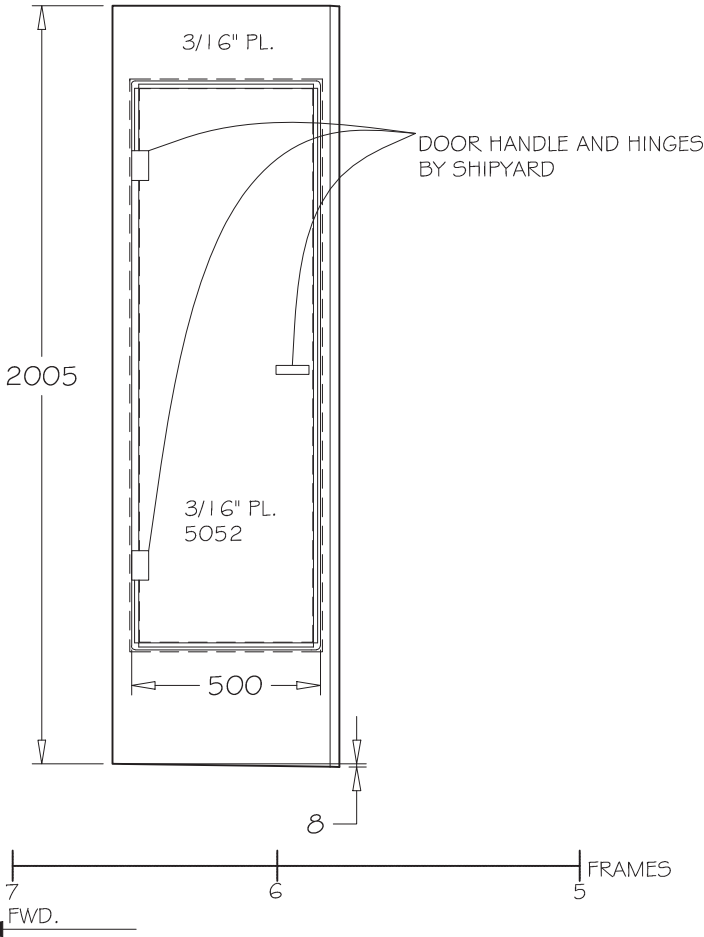
ISOMETRIC OF AFT BULKHEAD LOOKING FWD, STARBOARD



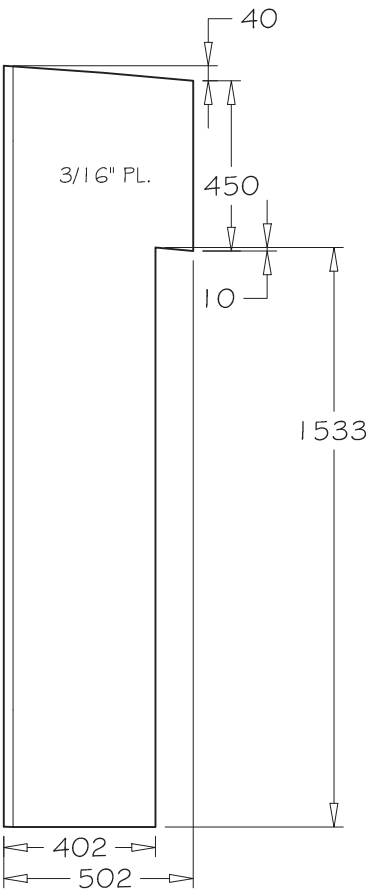
NEW WET LOCKER



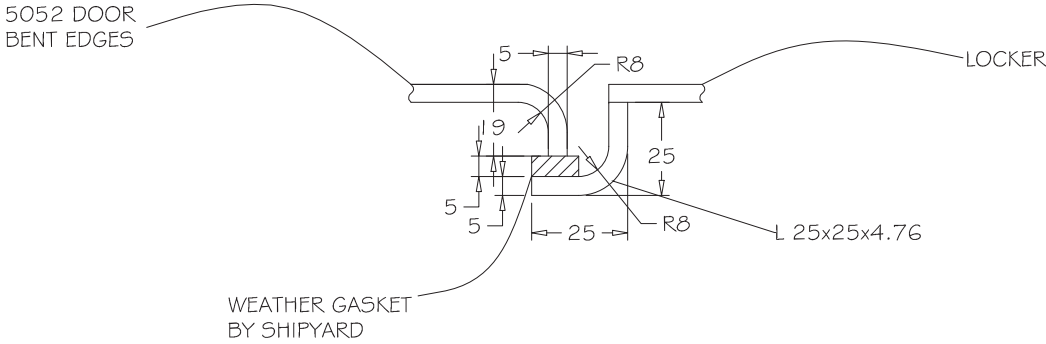
CENTRELINE LOOKING STARBOARD



SECTION 5 LOOKING FWD



DETAIL - DOOR SEAL
SCALE: 1:2



- NOTES:
- 1) THE DESIGN DRAWINGS PROVIDED ARE BELIEVED TO BE SUBSTANTIALLY ACCURATE TO THE VESSEL CONSTRUCTION; HOWEVER, THEY MAY NOT REPRESENT ALL OF THE EQUIPMENT AND PIPING ON BOARD THE VESSEL.
 - 2) INTERIOR LAYOUT WILL BE DETAILED IN A SEPARATE DRAWING. DRAWING NUMBER TO BE CONFIRMED.
 - 3) REFIT OVERVIEW IS DETAILED IN 1178-REFIT OVERVIEW.dwg.
 - 4) PLATING TO BE CONSTRUCTED FROM 5083-H116 ALUMINUM OR WHERE SPECIFIED ON DRAWING. ALL OTHER STRUCTURAL ELEMENTS TO BE CONSTRUCTED OF 6061-T6 ALUMINUM.
 - 5) BRACKET DETAILS TO BE EQUAL TO THE ORIGINAL VESSEL

RED TEXT OR LINES INDICATES CHANGES TO EXISTING OR NEW ADDITIONS TO THE VESSEL

STATUS:	APPROVED BY
SHEET #: 6 OF 6	GG
FOR CONSTRUCTION	REVO
1178-STRUCTURE	

CANADIAN COAST GUARD

VAKTA REFIT