



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Canadian
Coast Guard

Garde côtière
Canadienne

Vendor Information / Sous-traitant

1. THIS DRAWING HAS BEEN COMPLETED
BY LENGKEEK VESSEL ENGINEERING INC.
DARTMOUTH, NOVA SCOTIA, OCTOBER 2016

2. THE DRAWING HAS BEEN PRODUCED FOR
GUIDANCE PURPOSES ONLY, AND REFLECTS THE
ARRANGEMENT ON THE MV CPL. MCLAREN.
THE ARRANGEMENT AT EACH VESSEL WILL NEED
TO BE CHECKED ON SITE TO VERIFY THE
DIMENSIONS BEFORE THE COMMENCEMENT OF
FABRICATION OF THE TRANSFORMER SHIELDING.

3. ALL SHIELDS MUST MAINTAIN A MIN. CLEARANCE
OF 6" BETWEEN THE TRANSFORMER ENCLOSURE
AND THE SHIELD. IF THE 6" TOLERANCE IS NOT
MAINTAINED, THE TRANSFORMER OEM/CLASS WILL
REQUIRE THE ADDITION OF TEMPERATURE
SENSORS AND COOLING FANS TO ENSURE THAT
THE XFMR'S HAVE ADEQUATE AIR CIRCULATION
TO MEET THE COOLING DEMANDS.

4. WEIGHT OF TRANSFORMER SHIELDING = 92LBS.
(42KG)

0	DESCRIPTION	BY	yyyy-mm-dd
rev	description	by	date
Asset - Actif			
"HERO CLASS"			
MID-SHORE PATROL VESSELS			
'AS FITTED' - CPL. MCLAREN			

Drawing - Dessin
**METAL SHIELDING
OVER 3-BANK XFMR IN
AUX. MACH'Y ROOM (PORT)**

designed - conception	date
drawn - dessiné	date
D. CARELESS	2016-10-19
checked - vérifié	date
D. SAMSON	2016-10-21
approved - approuvé	date

CCG ref. no. - no. réf. GCC	scale - échelle
REF NO / PROJ NO / FILE NO	AS NOTED
drawing no. - no. dessin	sheet-feuille
J16061-S01	03/04 0

File / Fichier: J16061-S01_R0_TRANSFORMER SHIELDS.DWG - Printed / Imprimé: 2016/10/28 2:18

A1

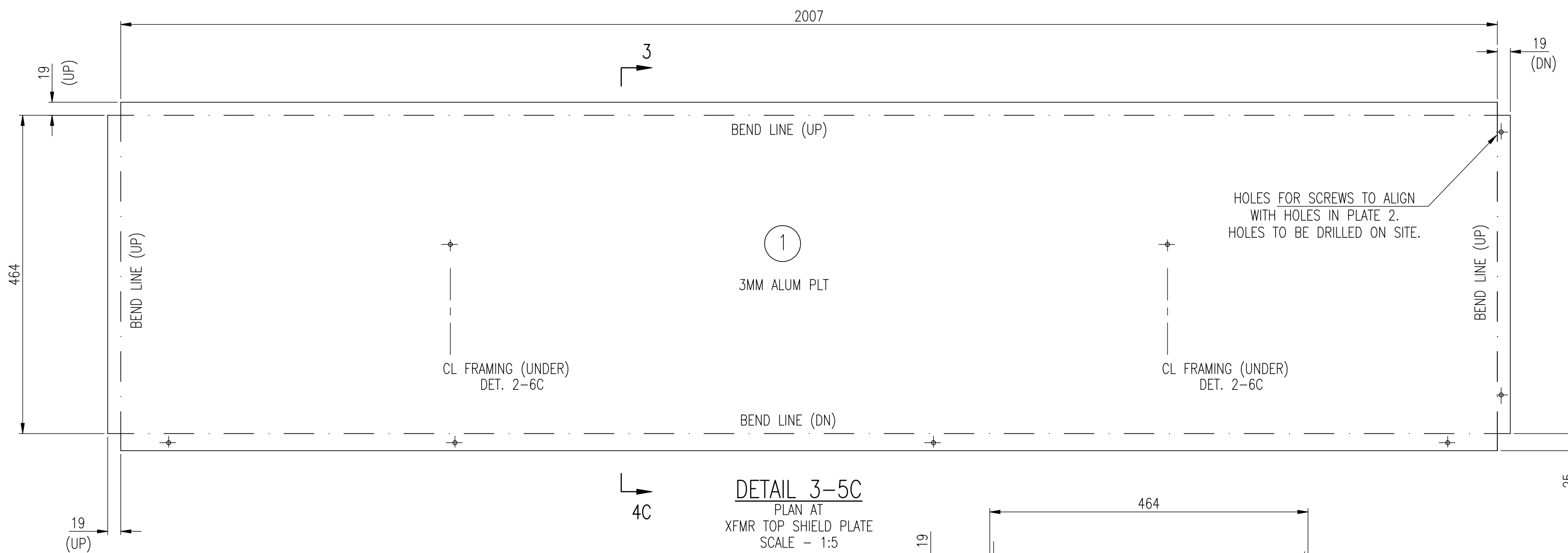
D

C

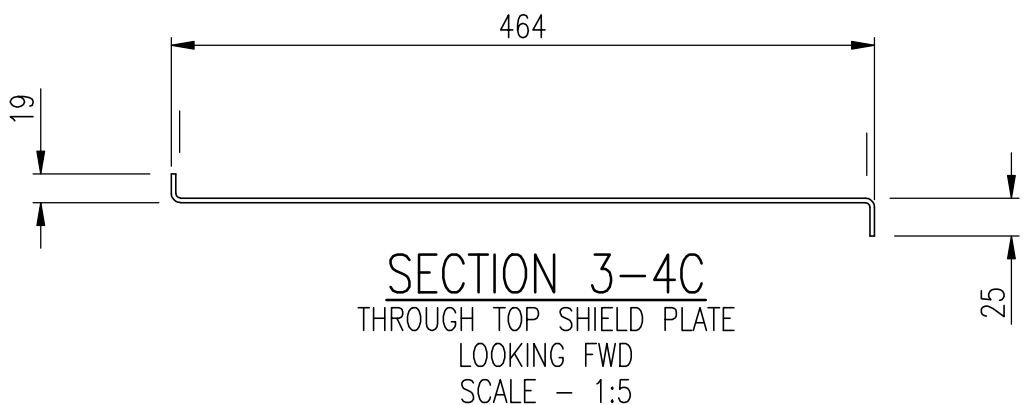
B

A

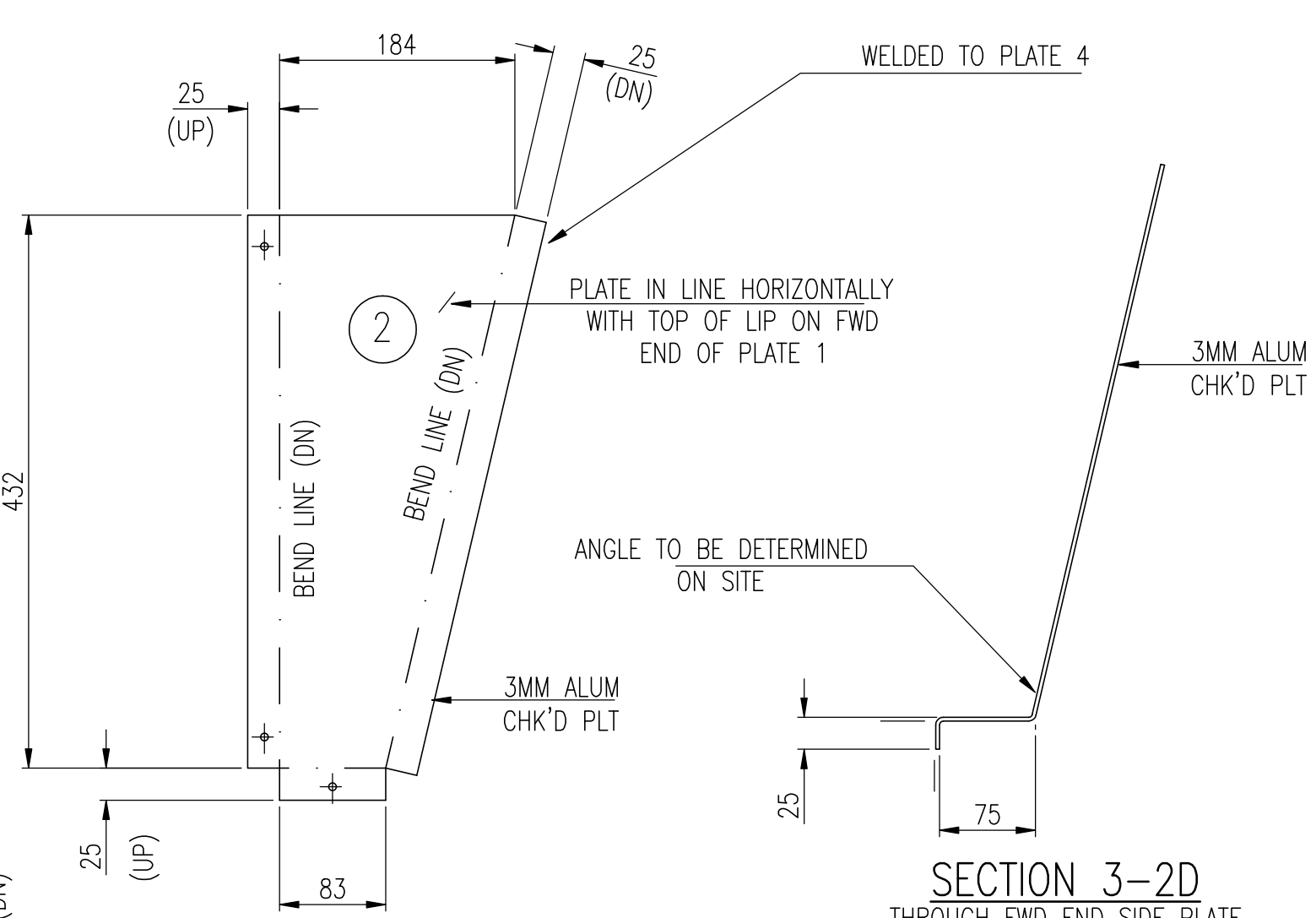
FWD



DETAIL 3-5C
PLAN AT
XFMR TOP SHIELD PLATE
SCALE - 1:5



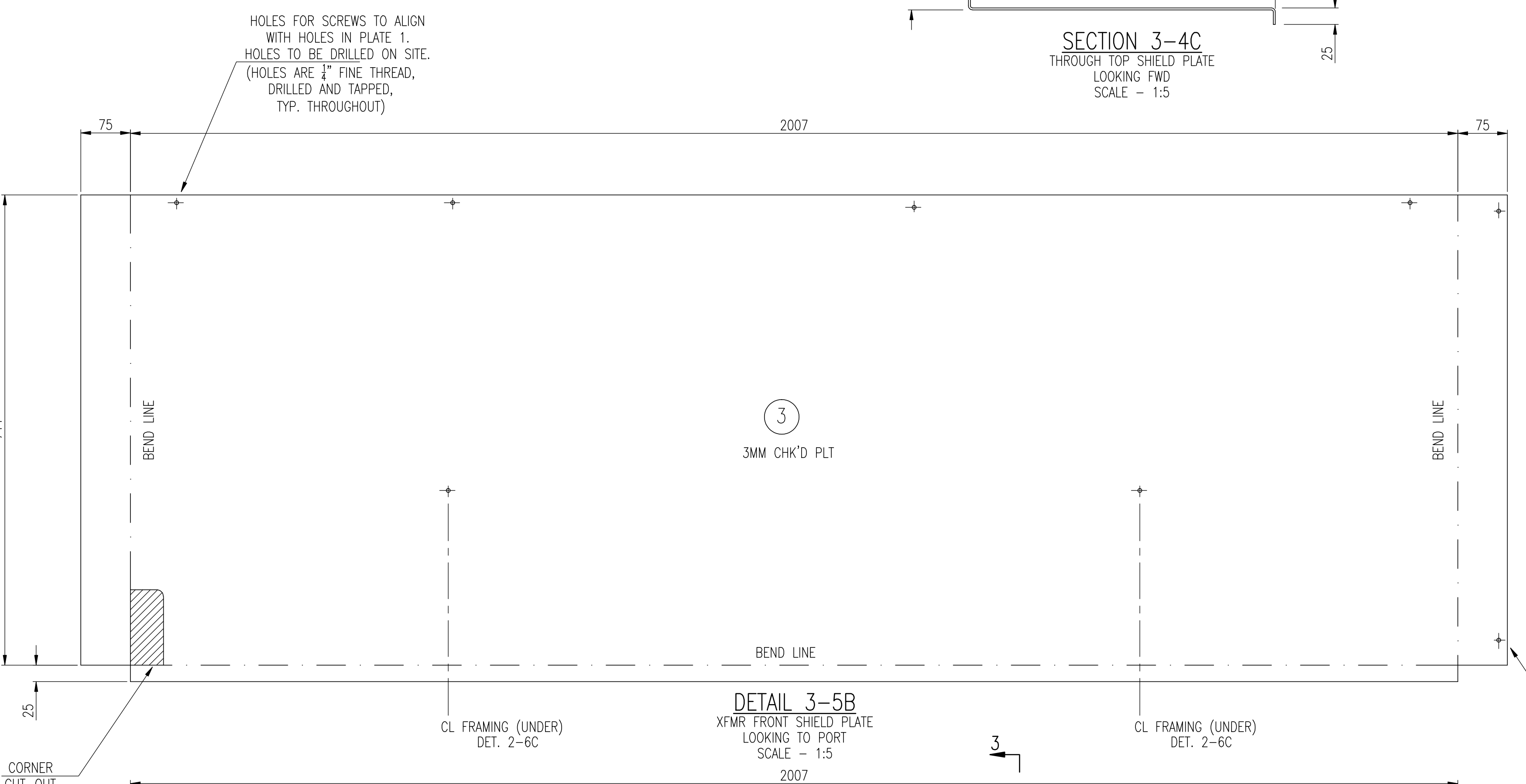
SECTION 3-4C
THROUGH TOP SHIELD PLATE
LOOKING FWD
SCALE - 1:5



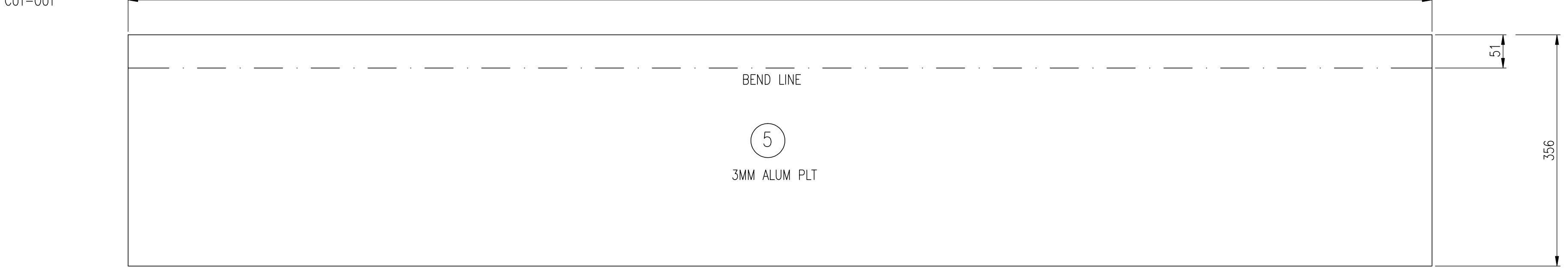
DETAIL 3-3C
PLAN AT
XFMR TOP SHIELD PLATE
(LOWERED AREA - FWD END)
SCALE - 1:5

SECTION 3-2D
THROUGH FWD END SIDE PLATE
SCALE - 1:5

SECTION 3-2C
AT BOTTOM SPLASH PLATE
SCALE - 1:5

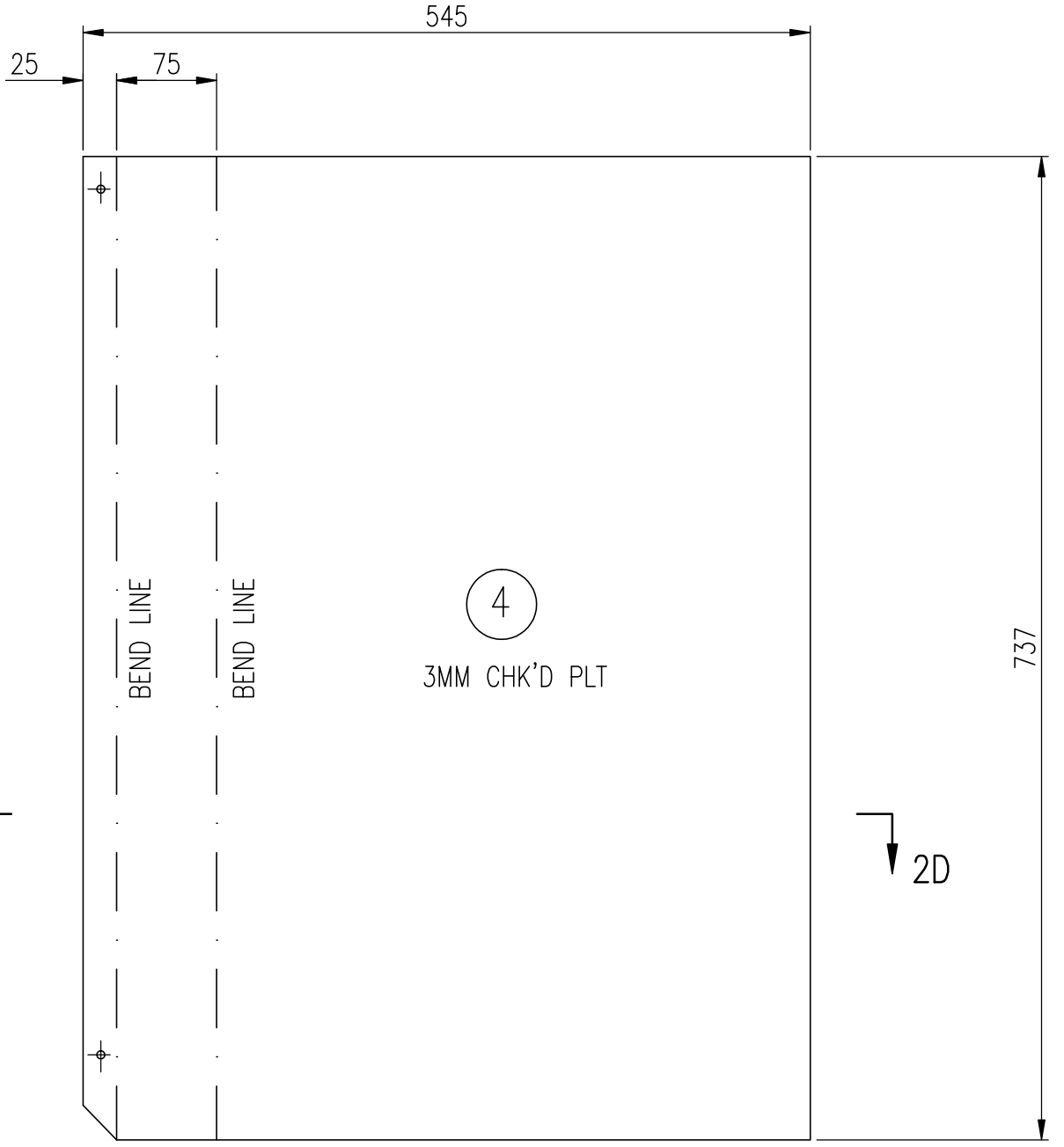


DETAIL 3-5B
XFMR FRONT SHIELD PLATE
LOOKING TO PORT
SCALE - 1:5

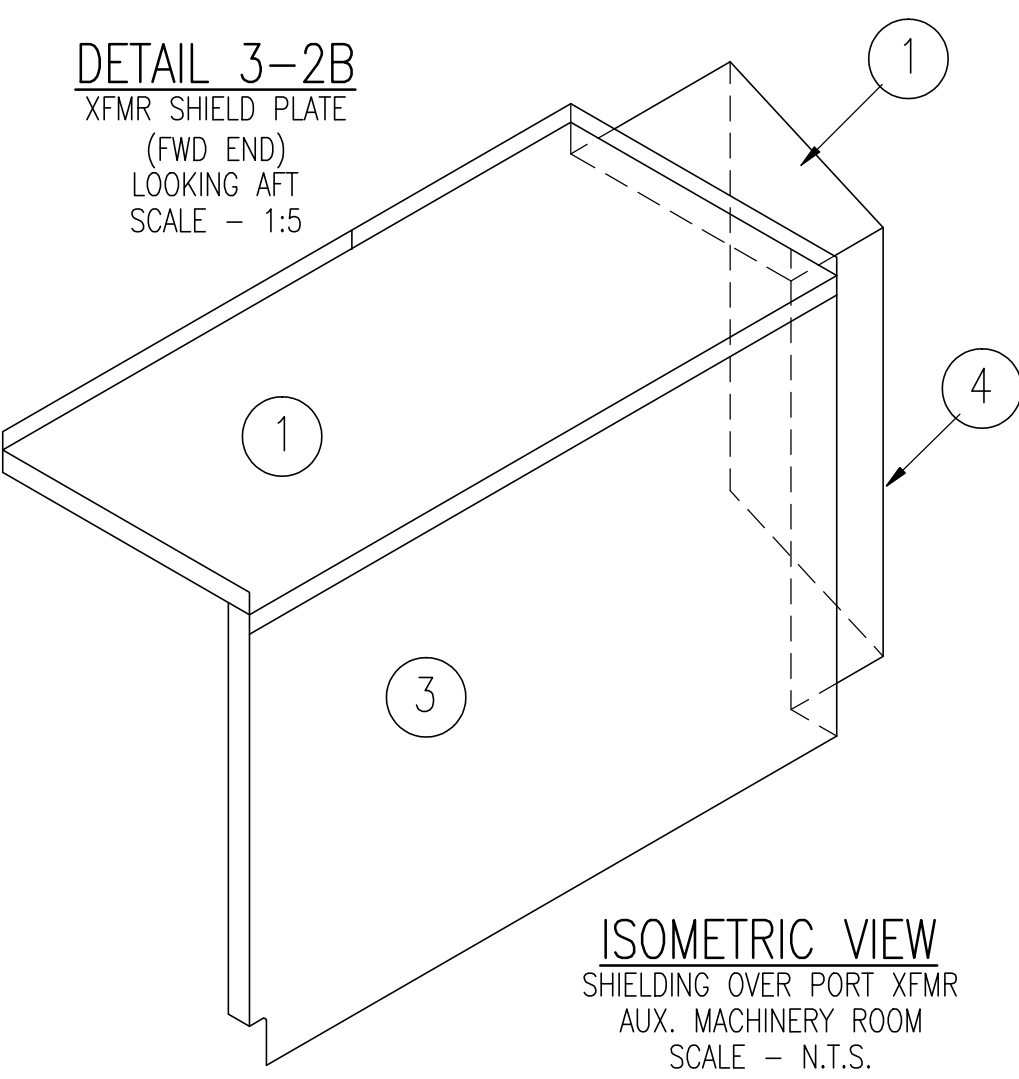


DETAIL 3-5A
BOTTOM PLATE XFMR SHIELDING
SCALE - 1:5

HOLES FOR SCREWS TO ALIGN
WITH HOLES IN PLATE 4.
HOLES TO BE DRILLED ON SITE.



DETAIL 3-2B
XFMR SHIELD PLATE
(FWD END)
LOOKING AFT
SCALE - 1:5



ISOMETRIC VIEW
SHIELDING OVER PORT XFMR
AUX. MACHINERY ROOM
SCALE - N.T.S.

NOTE: BOTTOM SPLASH PLATE IS FITTED
BETWEEN TRANSFORMER AND TRANSFORMER
FOUNDATION