

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 = 56LBS
(25KG)

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 XFMR IN
BOW THRUSTER ROOM**

designed - conception

drawn - dessiné

D. CARELESS 2016-10-20

checked - vérifié

D. SAMSON 2016-10-21

approved - approuvé

APPROVED BY YYYYY-MM-DD

CCG ref. no. - no. réf. GCC

REF NO / PROJ NO / FILE NO

AS NOTED

drawing no. - no. dessin

J16061-S01

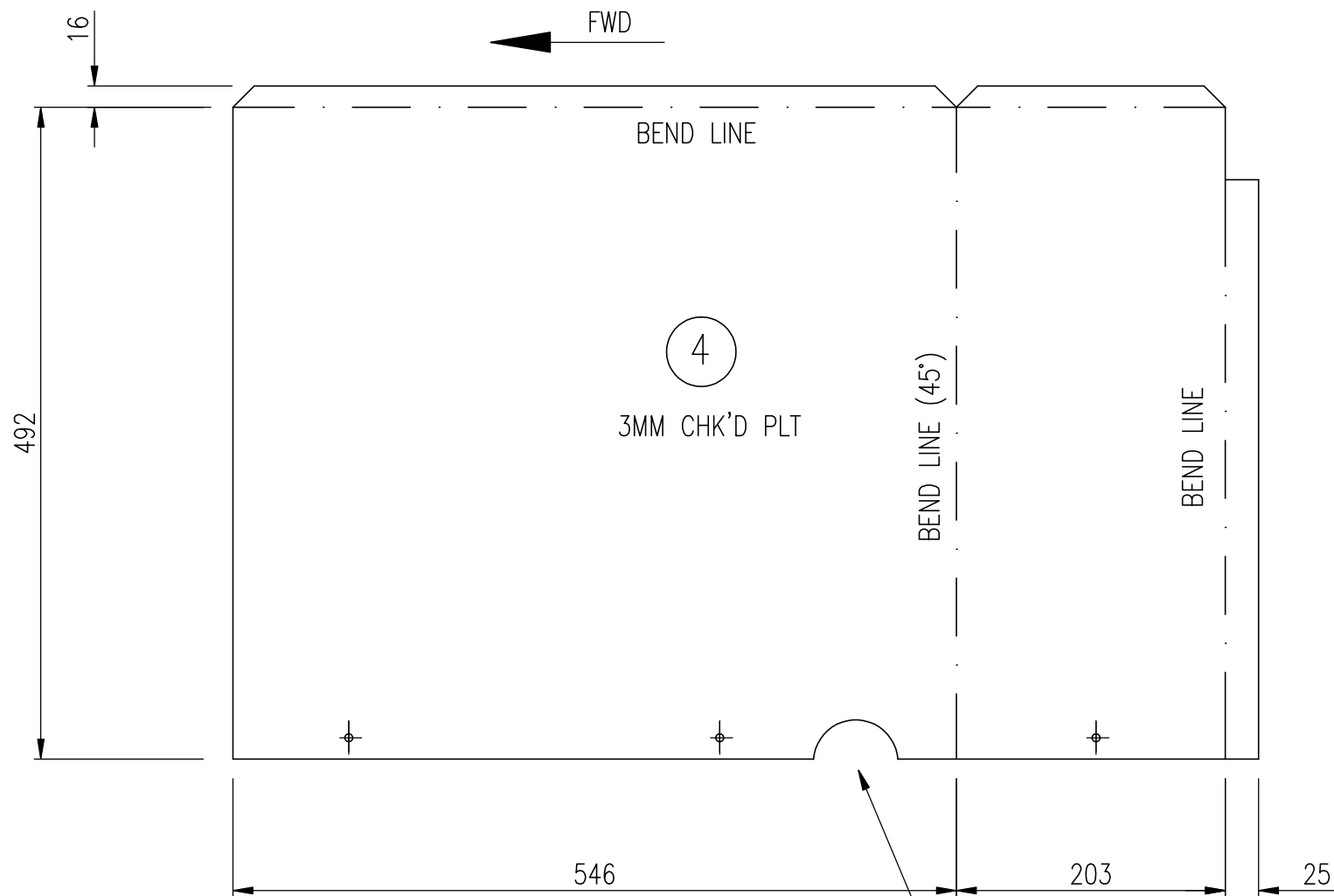
sheet-feuille

04/04

rev-rév

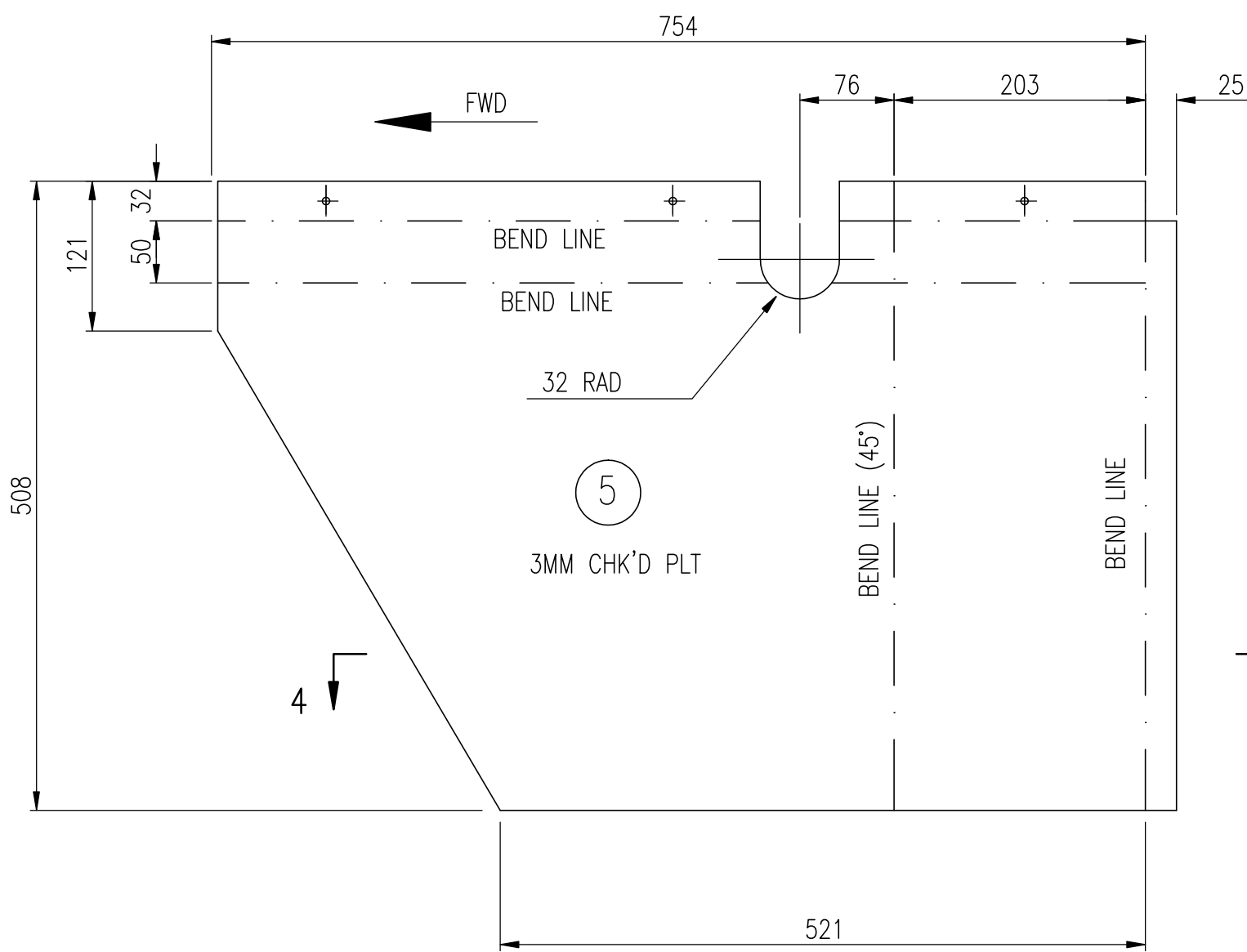
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NOTE: SHIELDING PLATES ARE ATTACHED
TO FRAMEWORK AROUND TRANSFORMER
USING WELDED / BOLTED FLAT BAR TABS
AT LOCATIONS TO BE DETERMINED
ON SITE.

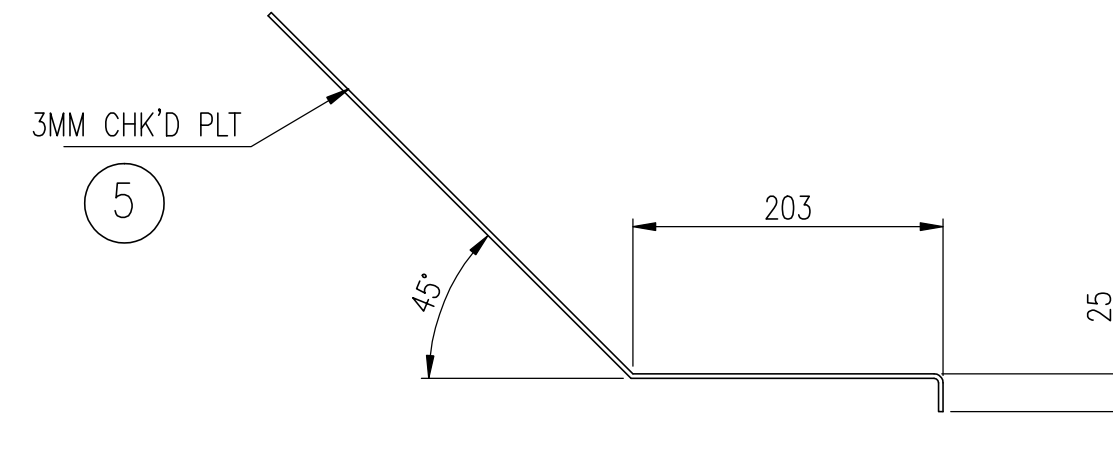


DETAIL 4-6C
XFMR SHIELD PLATE
PORT SIDE - TOP
SCALE - 1:5

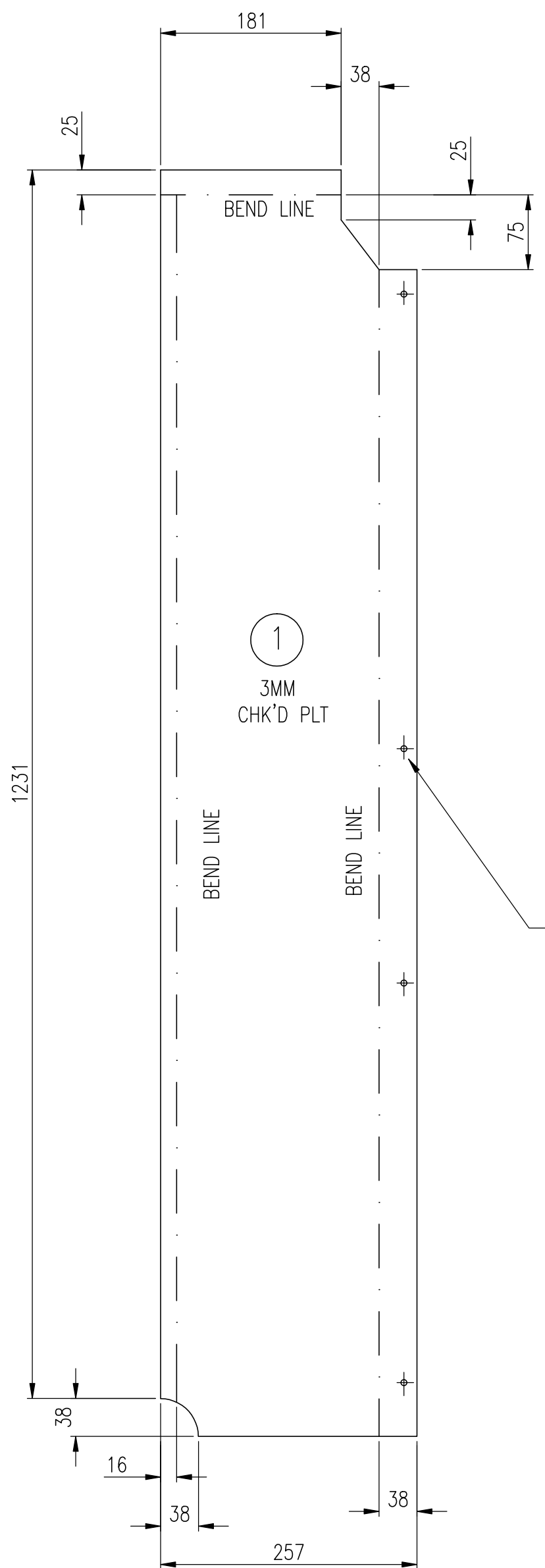
OPN'G IN TOP & BTM
PLATES TO ALLOW PIPE
TO PASS THROUGH



DETAIL 4-6A
XFMR SHIELD PLATE
PORT SIDE - BOTTOM
SCALE - 1:5

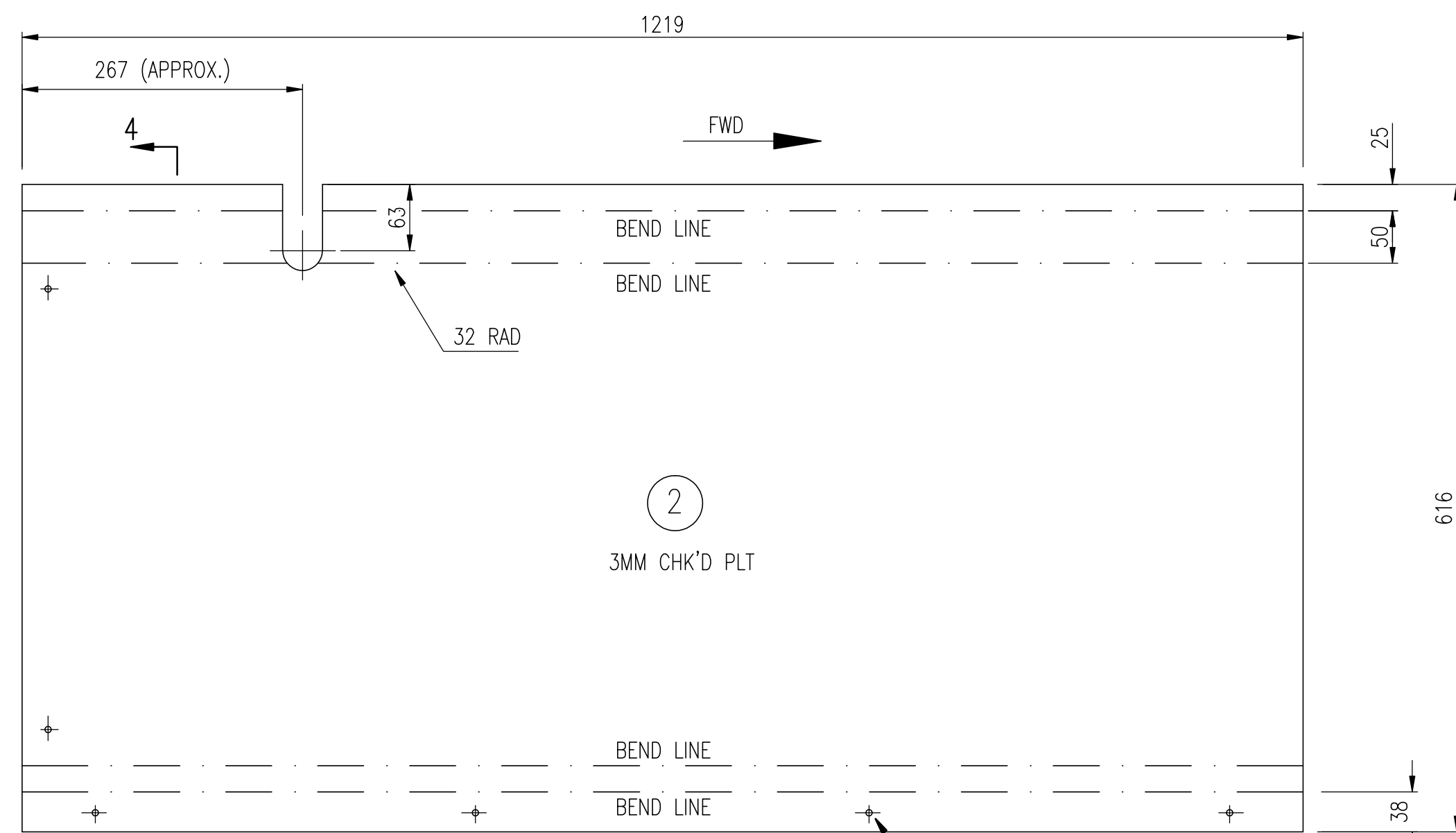


SECTION 4-5A
AT BOTTOM SHIELD PLATE
PORT SIDE
SCALE - 1:5



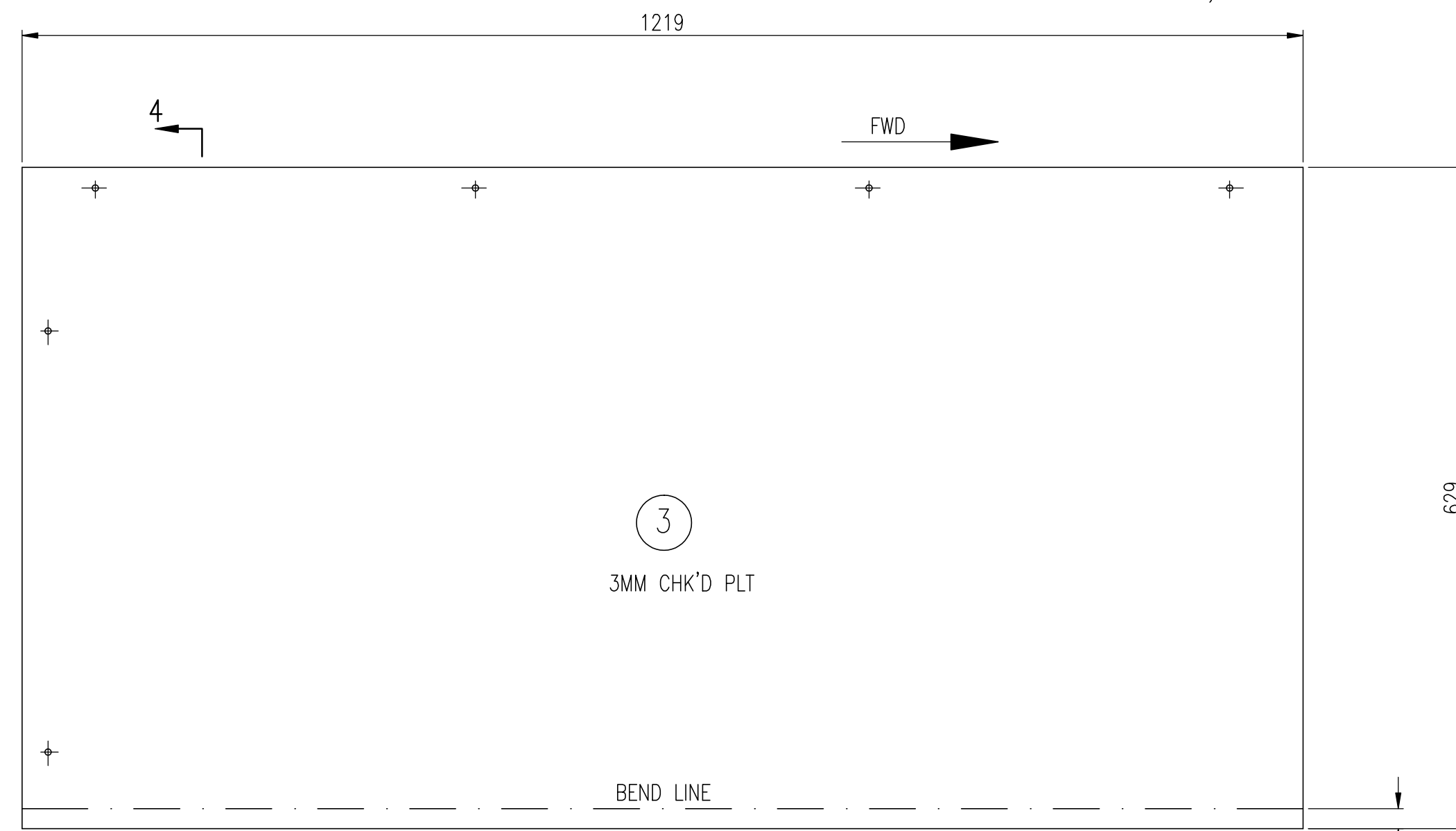
DETAIL 4-4B
XFMR AFT SHIELD PLATE
LOOKING FWD
SCALE - 1:5

HOLES FOR SCREWS TO ALIGN
WITH HOLES IN PLATES 2 & 3.
HOLES TO BE DRILLED ON SITE.

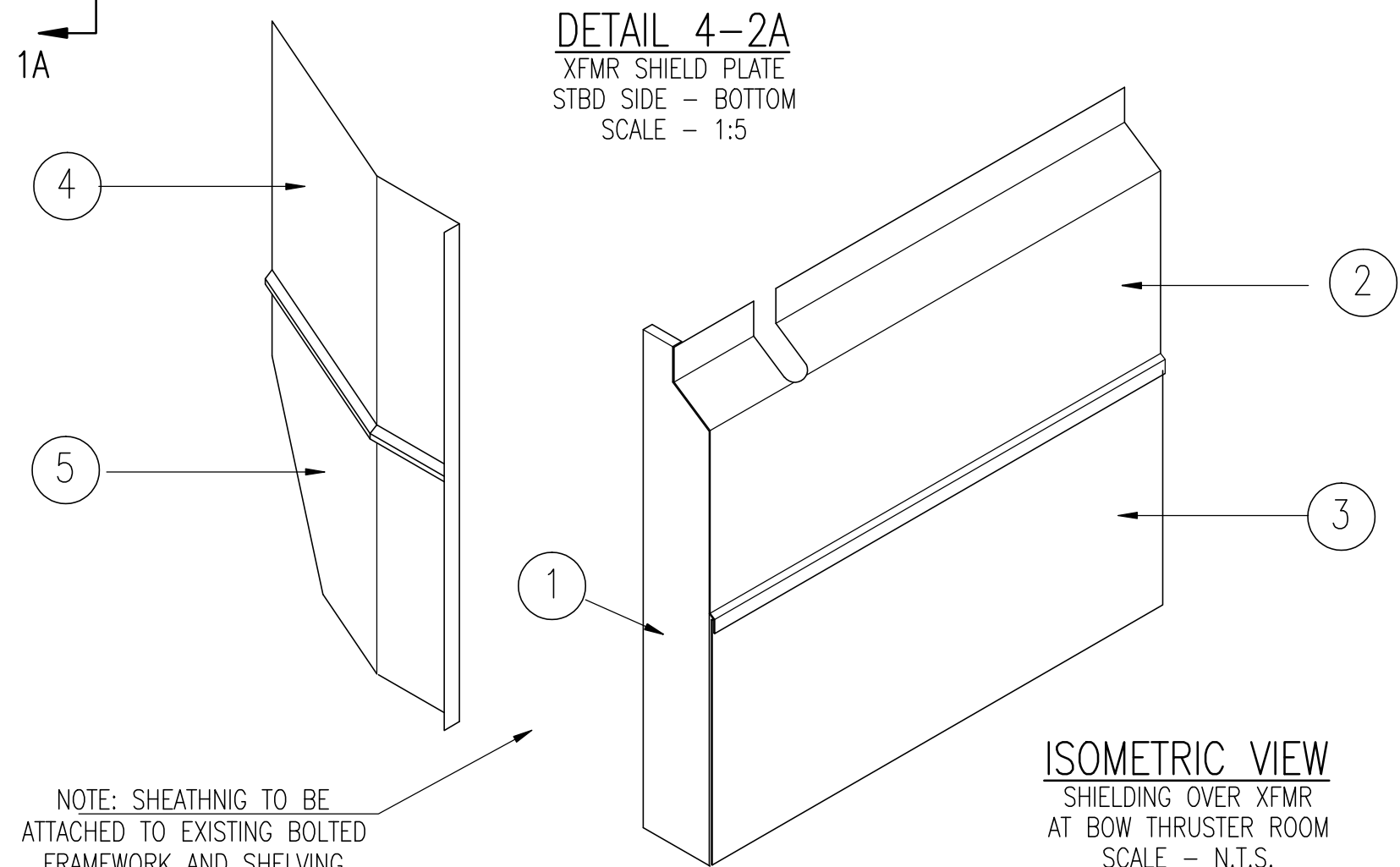


DETAIL 4-2C
XFMR SHIELD PLATE
STBD SIDE - TOP
SCALE - 1:5

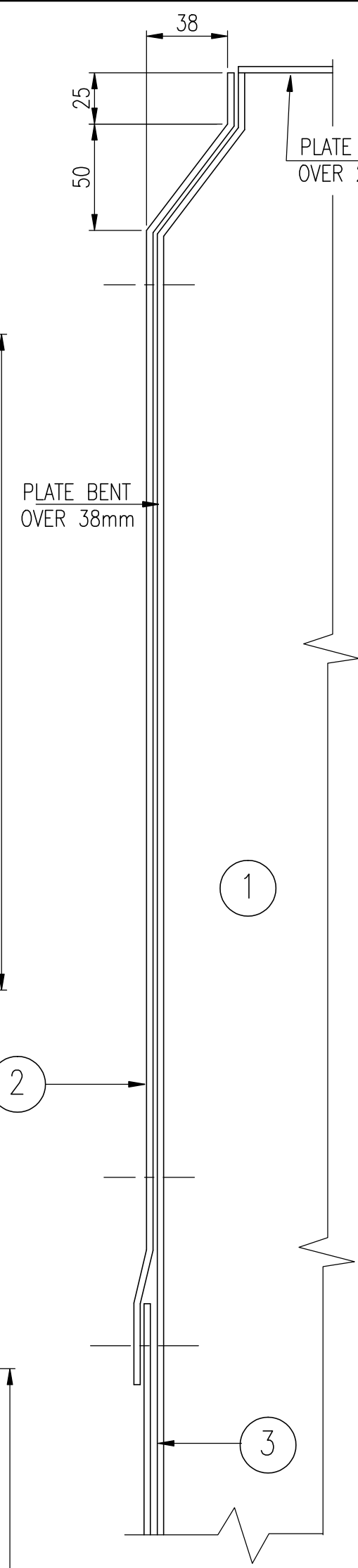
HOLES FOR SCREWS TO ALIGN
WITH HOLES IN PLATE 4.
HOLES TO BE DRILLED ON SITE.
(HOLES ARE 1/4" FINE THREAD,
DRILLED AND TAPPED,
TYP. THROUGHOUT)



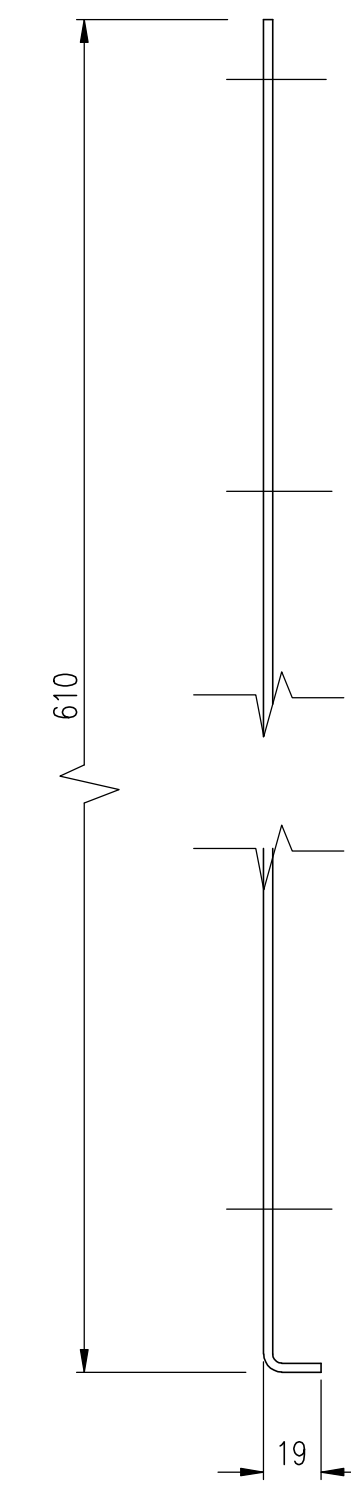
DETAIL 4-2A
XFMR SHIELD PLATE
STBD SIDE - BOTTOM
SCALE - 1:5



ISOMETRIC VIEW
SHIELDING OVER XFMR
AT BOW THRUSTER ROOM
SCALE - N.T.S.



SEC 4-1C
SCALE - 1:2.5



SEC 4-1A
SCALE - 1:2.5