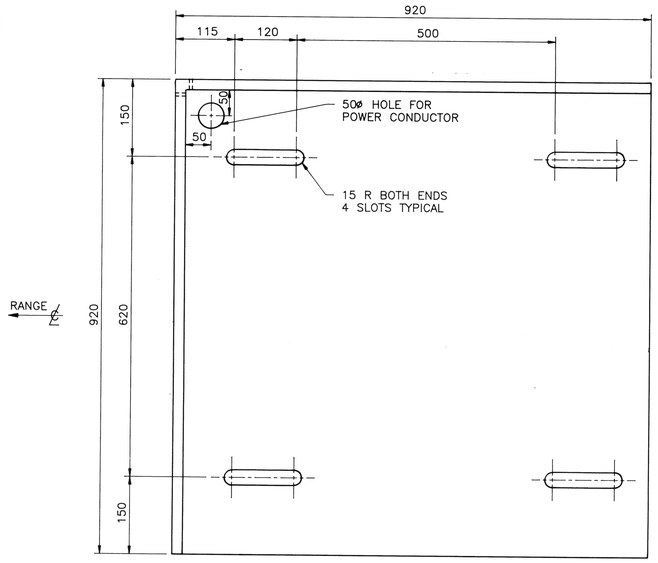
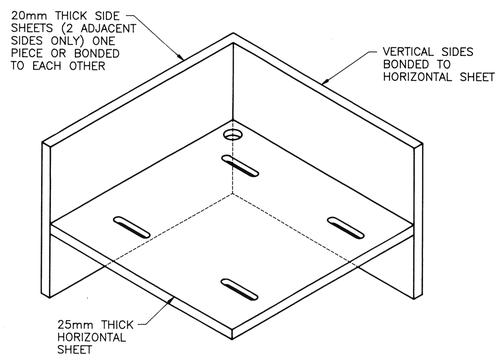
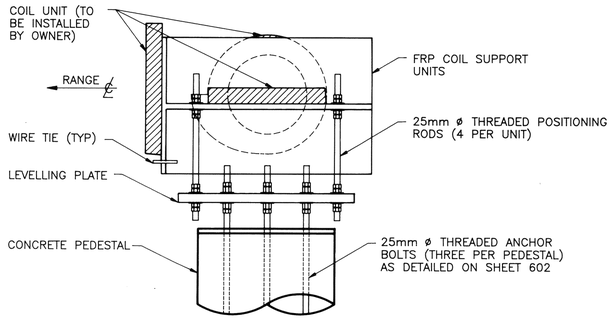


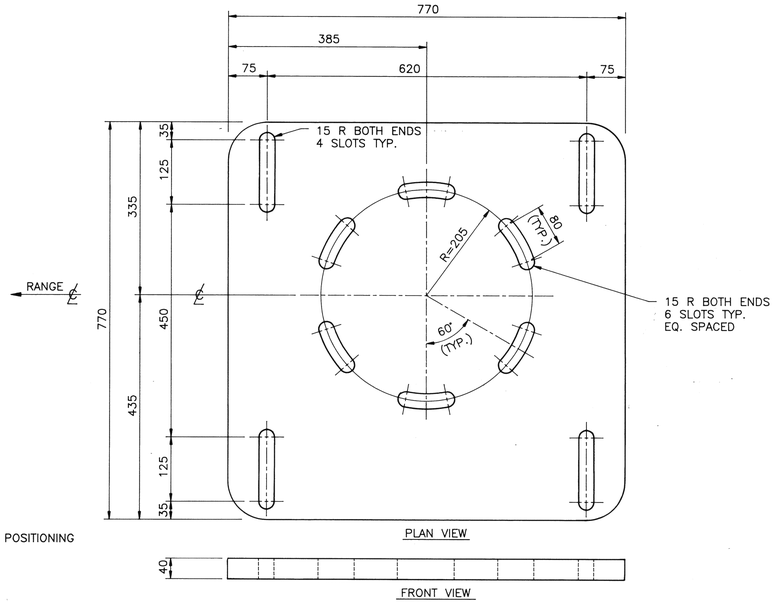
PLAN



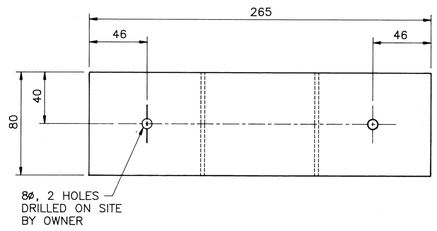
ISOMETRIC DETAIL
SCALE: NTS

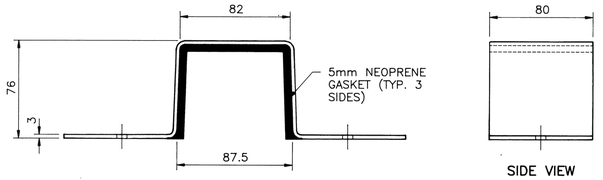


INSTALLATION OF COIL SUPPORT UNITS ON CONCRETE PEDESTAL
SCALE: NTS

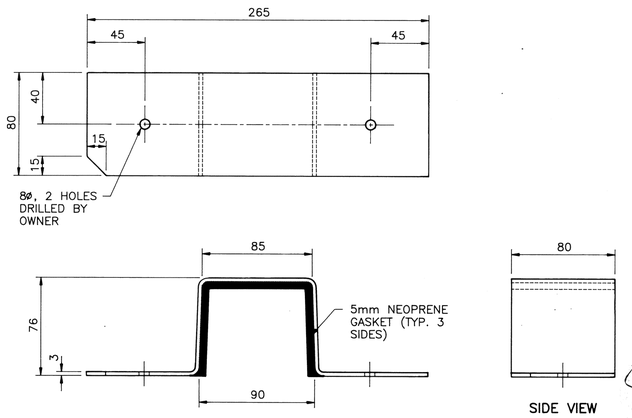


LEVELING PLATE
SCALE 1:5





TYPE 'A' CLAMP
SCALE 1:2



TYPE 'B' CLAMP
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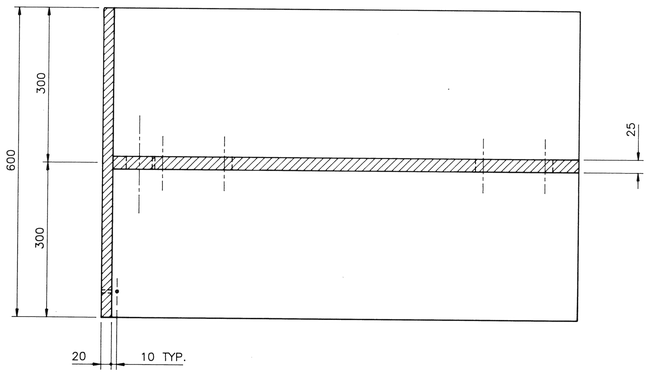
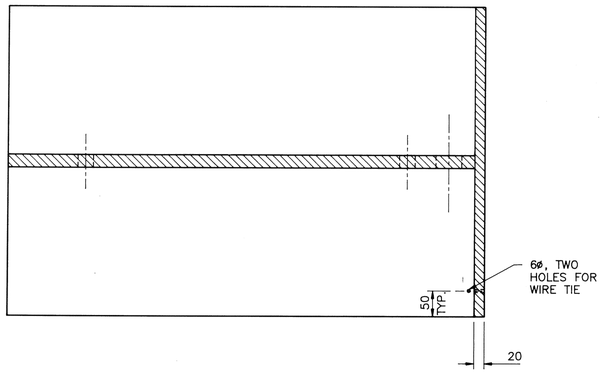


FRONT VIEW



SIDE VIEW

FRP COIL SUPPORT UNIT
SCALE 1:5

FRP COIL SUPPORT UNIT AND CABLE

AS EARLY AS POSSIBLE THE CONTRACTOR WILL SUPPLY THE FRP COIL SUPPORT UNITS C/W CLAMP TYPES "A" AND "B" AND THE SPECIFIED CABLE. THE OWNER WILL MOUNT THE COILS AND CABLES AND CONNECT THE INDIVIDUAL COILS (ON CONTRACTORS BARGE) PRIOR TO THE CONTRACTOR MATING THE COIL ASSEMBLIES TO THE PEDESTALS. THE CABLE WILL BE LAID OUT TO LIE ON THE HARBOUR BOTTOM FROM FERGUSON'S COVE PULL BOX (ON SHORE) DIRECTLY BELOW THE CONTROL BUILDING, TO THE RANGE LOCATION. OWNER WILL MAKE CONNECTION TO PULL BOX. SEE SPECIFICATION.

TOLERENCES

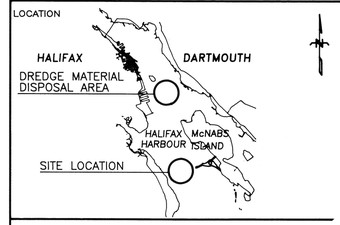
THE PLACEMENT OF CONCRETE PEDESTALS AND SENSORS IS SUBJECT TO FINE TOLERANCES I.E. ± 25mm HORIZONTALLY AND VERTICALLY AND EACH PEDESTAL MUST BE PLACED SO THAT ITS ROTATION FROM THE NOMINAL ARRAY REFERENCE CENTERLINE IS NO MORE THAN ZERO DEGREES, ONE MINUTE.

COMPONENT CO-ORDINATION

THE FRP COIL SUPPORT UNITS AND FRP LEVELLING PLATES SHALL BE FABRICATED AS SHOWN AND COORDINATED WITH CONCRETE PEDESTAL ANCHOR BOLT POSITIONING TO ENSURE MAXIMUM VERTICAL, HORIZONTAL AND ROTATIONAL CAPABILITY ALONG CENTER-LINE OF RANGE. FRP COIL SUPPORT UNITS AND BASE PLATES ARE TO BE MANUFACTURED SO THAT ALL THREE PLANES INTERSECT AT EXACTLY 90° AND ALL SURFACES ARE TO BE SMOOTH AND TRUE.

NATIONAL DEFENSE / DEFENSE NATIONALE

LOCATION



NOTES:

1. FOR GENERAL NOTES SEE DRAWING C-F12/2-2001/1-601.
2. FOR FULL DETAILS OF COIL FIXING SYSTEM AND SUPPORT UNIT TO CONCRETE PEDESTAL SEE DWG. NO.
3. COIL SUPPORT UNITS AND FIXING CLAMPS TYPES 'A' AND 'B' TO BE MADE FROM FIBRE-GLASS REINFORCED PLASTIC.
4. ALL EDGES TO BE GROUND SMOOTH AND ALL BOLT HOLES, OPENINGS ETC. COATED WITH POLYESTER RESIN.
5. NEOPRENE GASKETS TO BE TO ASTM D2240-50 DEVOMETER THICKNESS TO BE VERIFIED PRIOR TO CLAMP MANUFACTURER.
6. COIL UNITS WILL BE INSTALLED BY THE OWNER. FRP CLAMPS TYPES 'A' AND 'B' TO BE SUPPLIED BY THE CONTRACTOR.
7. NO FERROUS METALS TO BE USED IN ANY OF THE RANGE COMPONENTS.
8. QUANTITIES REQUIRED:
   - FRP COIL SUPPORT UNITS, C/W LEVELING PLATES AND PHOSPHOR BRONZE POSITIONING RODS, NUTS AND WASHERS EA.18 (2 SPARES)
   - CLAMPS TYPE 'A' EA.108 (12 SPARES)
     TYPE 'B' EA.54 (6 SPARES)
9. DIMENSIONS OF CLAMPS TO BE VERIFIED WITH OWNER PRIOR TO FABRICATION.

No.	DATE	REVISION	APPR.

Lands End Consultants Limited

SCALE - ECHELLE: AS SHOWN

PROJECT - PROJET: MARITIME COMMAND HEADQUARTERS

UNDERWATER DEEP DEGAUSSING RANGE

HALIFAX HARBOUR — C.F.B. HALIFAX, N.S.

TRADE - METIER: CIVIL — DATE: 1992 05 0

SUBJECT - SUJET

COIL SUPPORT UNITS FIBREGLASS FABRICATION DETAILS

PRODUCTION	CONCURRENCE - ASSENTIMENT
DESIGNED J.YATES ETUDIE P.ENG.	DESIGN OFFICER
DRAWN L.RICE DESSINE CET	DESIGN OFFICER
CHECKED M.SARROUY VERIFIE P.ENG.	FIRE MARSHAL
3 SHEET OF 4	REVIEWED REVU SSODE

DWG. NO. - DESSIN NO.
C-F12/2-2001/1-603

Canada