

NOTES:

- FOR GENERAL NOTES SEE DRAWING C-F12/2-2001/1-601.
- ALL BOLTS, THREADED RODS, HOLLOW ROUNDS, NUTS, WASHERS AND OTHER METAL UNITS ARE TO BE PHOSPHOR BRONZE, TYPE S10A TO ASTM B 139. (Fy=81KS)
- THE CONTRACTOR WILL INSTALL THE F.R.P. COIL SUPPORT UNITS ON TO THE CONCRETE PEDESTALS AFTER COILS HAVE BEEN ATTACHED TO THE UNITS BY THE OWNER.
- NO FERROUS METALS TO BE USED IN ANY OF THE RANGE COMPONENTS.

FRP COIL SUPPORT UNIT AND CABLE

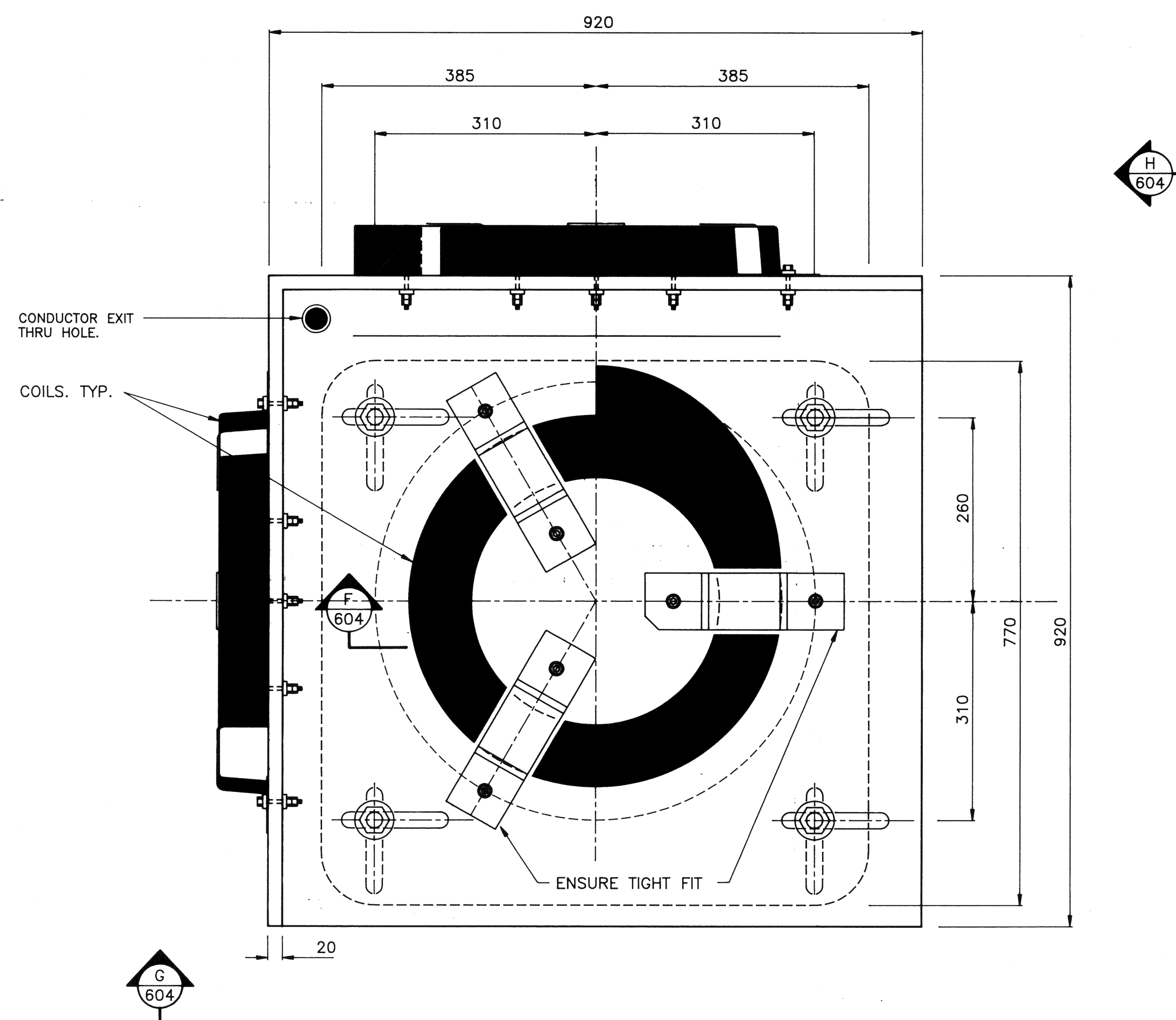
AS EARLY AS POSSIBLE THE CONTRACTOR WILL SUPPLY THE FRP COIL SUPPORT UNITS C/W CLAMP TYPES "A" AND "B" AND THE SPECIFIED CABLE. THE OWNER WILL MOUNT THE COILS AND CABLES AND CONNECT THE INDIVIDUAL COILS (ON CONTRACTORS BARGE) PRIOR TO THE CONTRACTOR MATING THE COIL ASSEMBLIES TO THE PEDESTALS. THE CABLE 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.

TOLERANCES

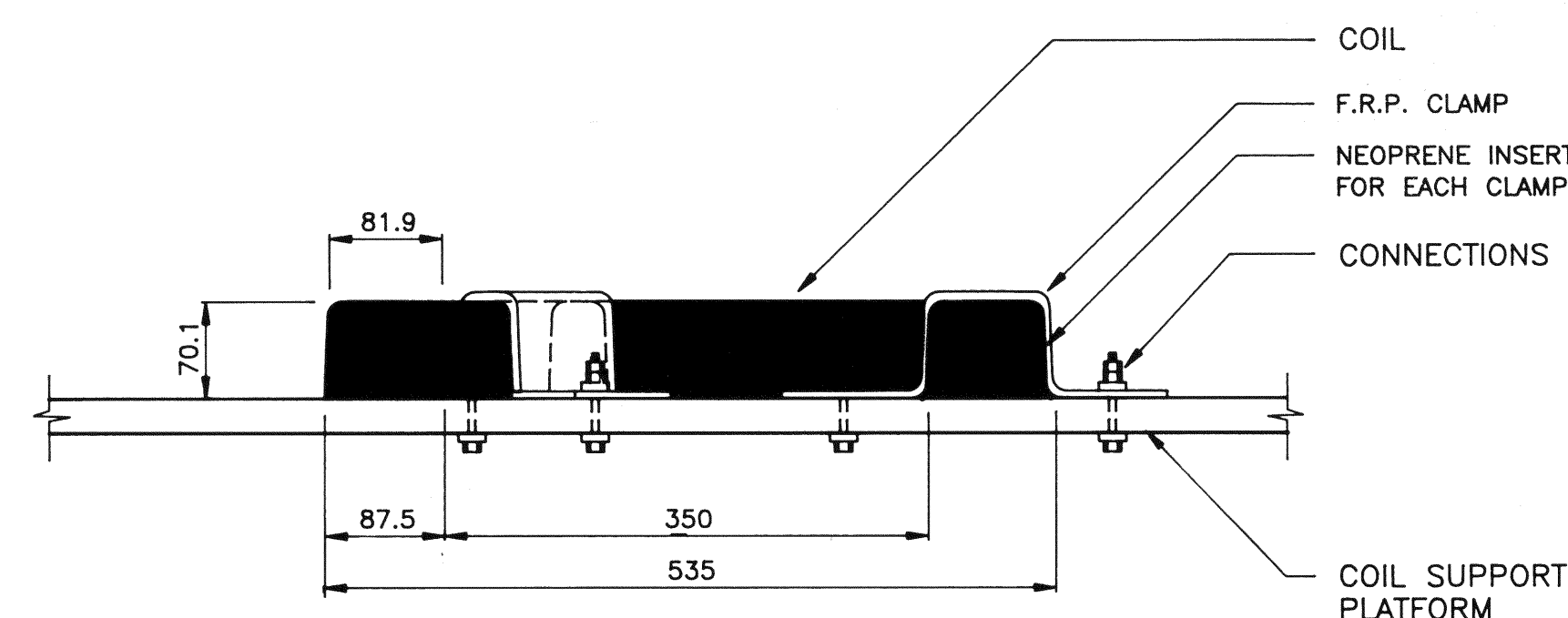
THE PLACEMENT OF CONCRETE PEDESTALS AND SENSORS IS SUBJECT TO FINE TOLERANCES I.E.  $\pm 25\text{mm}$  HORIZONTALLY AND VERTICALLY AND EACH PEDESTAL MUST BE PLACED SO THAT ITS ROTATION FROM THE NOMINAL ARRAY REFERENCE CENTERLINE IS NO MORE THAN ZERO DEGREES, ONE MINUTE.

COMPONENT CO-ORDINATION

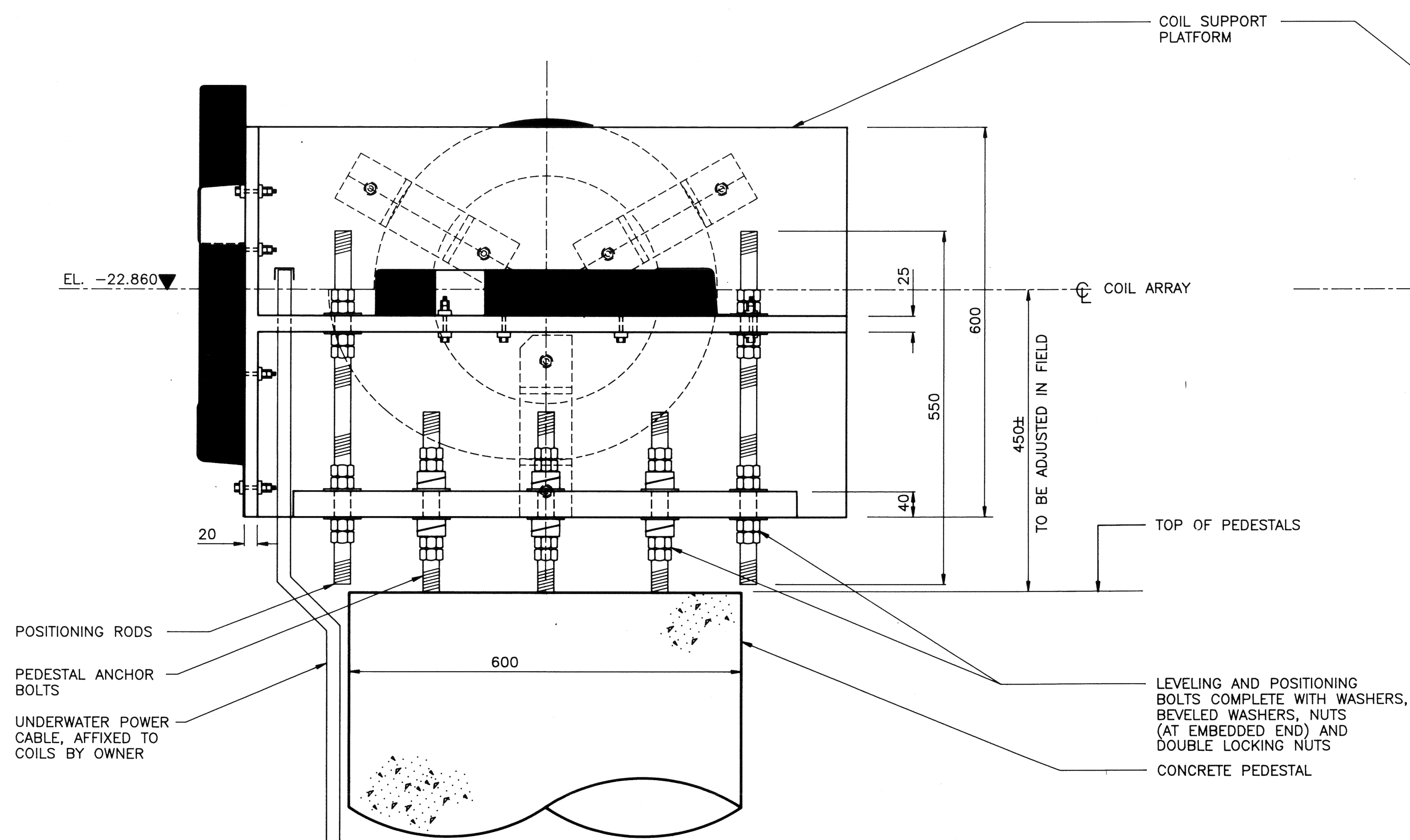
THE FRP COIL SUPPORT UNITS AND FRP LEVELLING PLATES SHALL BE FABRICATED AS SHOWN AND COORDINATED WITH CONCRETE PEDESTAL ANCHOR BOLT POSITIONING TO ENSURE MAXIMUM VERTICAL, HORIZONTAL AND ROTATIONAL CAPABILITY ALONG CENTER-LINE OF RANGE. FRP COIL SUPPORT UNITS AND BASE PLATES ARE TO BE MANUFACTURED SO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



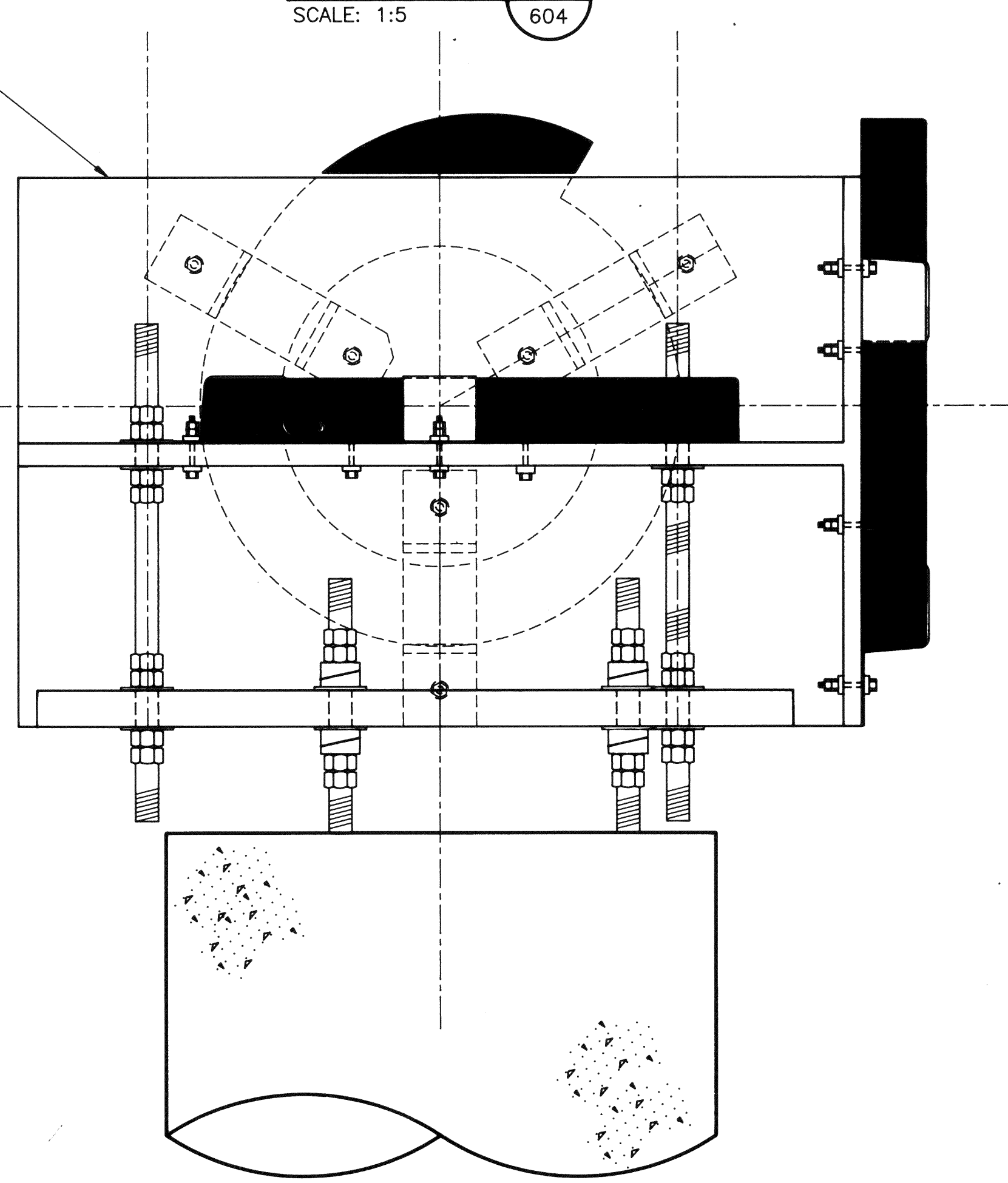
PLAN



SECTION F  
SCALE: 1:5



ELEVATION G  
604



ELEVATION H  
604

COIL SUPPORT AND LEVELING SYSTEM

SCALE: 1:5

No.	DATE	REVISION	APPR.



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 92-05-0\*

ASSEMBLY  
COIL SUPPORT UNITS

DESIGNED ETUDIE	J.YATES P.ENG.	PROJECT OFFICER	DESIGN OFFICER
DRAWN DESSINE	CADD		
CHECKED VERIFIE	SARROUY P.ENG.	REVIEWED REVU	FIRE MARSHAL
4	SHEET OF 4	DWG. NO. - DESSIN NO.	

C-F12/2-2001/1-604