21. FOR TOLERANCES NOT SPECIFIED IN THIS DRAWING SERIES SEE EBASCO SPECIFICATION WPPSS 3240-590.

22. STRUCTURAL INSTALLATION NOTES

A) B-LINE STRUTS, OR AN APPROVED ALTERNATE, MAY BE USED AT THE CONTRACTORS DISCRETION FOR CONNECTING BOXES TO THE STRUCTURAL STEEL SEISMIC SUPPORT AND WOULD BE USED ONLY AT THE LOCATION TO WHICH THE BOX LUG WILL BE ATTACHED TO THE SEISMIC SUPPORT.

B) BOX SUPPORTING MEMBERS MAY BE PREFABRICATED WITH STRUTS ON ONE OR MORE SIDES OF THE SUPPORT MEMBER. A TUBE STEEL SUPPORT MEMBER WITH ONE STRUT ATTACHED IS TYPICALLY REFERRED TO AS "FA-1", WHEN TWO STRUTS ARE ATTACHED IT IS REFERRED TO AS "FA-2". SEE SHEET 4P OF THIS DRAWING.

C) EACH SEISMIC SUPPORT TYPE MAY BE LOADED UP TO THE BOX SIZE SPECIFIED IN THE SUPPORT CONFIGURATION DETAILS. SEE SHEETS 4 THROUGH 4P.

D) WELD SIZES TO BE DETERMINED BY CONTRACTOR PER AWS UNLESS OTHERWISE NOTED.

E) REFERENCE TO CONCRETE WALLS OR CEILINGS IMPLIES INTERNAL STRUCTURES SUCH AS PRIMARY AND SECONDARY SHIELD WALLS, INTERMEDIATE WALLS AND FLOOR SLABS, AND EXCLUDES THE SHIELD BUILDING AND PLATFORMS AT ELEVATION 395.00 & 425.00.

F) SEISMIC SUPPORTS DETAILED IN THE 3240-D-5033 SERIES DRAWINGS ARE NOT TO BE ATTACHED TO THE STAIR TOWER STRUCTURAL STEEL LOCATED BETWEEN RB COLUMNS CR-5 AND CR-6 FROM ELEV. 425.00 to 467.00.

G) CONTAINMENT VESSEL MOUNTED SUPPORTS ARE TO BE ATTACHED TO CONTAINMENT VESSEL PAD PLATES ONLY UNLESS OTHERWISE NOTED.

H) SUPPORT CONFIGURATION TOLERANCES ARE ± 3 INCHES UNLESS NOTED BY "MIN" OR "MAX" NOTATIONS OR OTHER TOLERANCE RESTRICTIONS.

I) FOR TYPICAL SEISMIC MOUNTING CONNECTION DETAILS FOR BOTH THE RAB AND THE RB SEE THIS DRAWING SHEETS 4L THROUGH 4S.

J) B-LINE MEMBERS ARE SHOWN FOR REFERENCE ONLY. B-LINE STRUT TO BE CUT BACK AS REQUIRED TO ACCOMMODATE CONNECTION DETAIL.

K) SEISMIC SUPPORTS DESIGNATED FOR THE RB INTERNAL STRUCTURE/CONTAINMENT VESSEL MOUNTING SHALL BE USED FOR THE CONDENSATE AND REFUELING WATER STORAGE TANK AREA.

23. GENERAL PULL BOX USAGE CRITERIA

23.01 THE MOUNTING LOCATION OF FIELD RUN PULL BOXES SHALL BE SELECTED BY THE CONTRACTOR SO THAT THE ACCESSIBILITY TO THE BOX FOR CABLE PULLING PURPOSES WILL NOT BE HINDERED IN ANY WAY. SEE TABLE "C" PARAGRAPH 24.02 OF THIS DRAWING, SHEET 2C FOR BENDING RADII OF CABLES.

23.02 ENGINEERING DESIGNED BOXES RELOCATED BY THE CONTRACTOR MUST BE CHECKED IN ACCORDANCE WITH THE CRITERIA SET FORTH IN PARAGRAPH 24 OF THIS DWG. TO VERIFY THAT THE BOX IS ADEQUATE FOR THE TYPE OF PULL REQUIRED.

23.03 A) THE USE OF CONTRACTOR DESIGNED BOXES SHALL BE MINIMIZED. BOXES SHALL BE UTILIZED AS REQUIRED IN ACCORDANCE WITH THE CABLE INSTALLATION CRITERIA AS SHOWN ON DWG 3240-D-5023, SECTION 8, AND SIZED IN ACCORDANCE WITH PARAGRAPH 24.0 OF THE DRAWING.

B) ENCLOSURE TYPES SHALL BE DETERMINED AND SELECTED IN ACCORDANCE WITH DWG 3240-D-5033, SHEET 3.

C) BOXES, COVERS, AND ASSOCIATED HARDWARE SHALL BE INSTALLED AND FABRICATED IN ACCORDANCE WITH SPECIFICATION 3240-502. BOXES SHALL BE IDENTIFIED PER REQUIREMENTS OF SPECIFICATION 3240-503 AND DWG 3240-D-5023 SECTION 6 PARAGRAPH 6.06

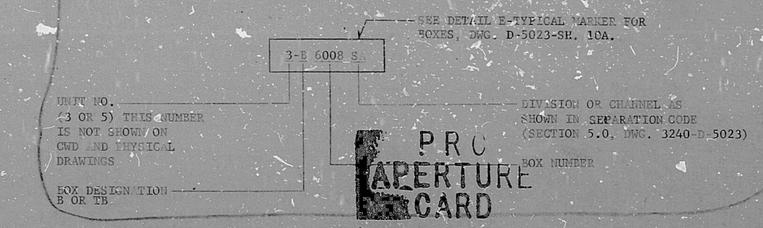
23.04 A) CABLES OF DIFFERENT VOLTAGE LEVELS SHALL NOT BE BROUGHT INTO THE SAME BOX.

B) CONTRACTOR SHALL MAINTAIN SYSTEM SEPARATION AS REQUIRED BY SECTION 5.0 SHEET 7OF 3240-D-5023.

23.05 A) CONTRACTOR DESIGNED FIELD RUN BOXES SHALL BE IDENTIFIED CONSECUTIVELY BEGINNING WITH A 6000 SERIES NUMBER. A "BOX SCHEDULE" SHALL BE MAINTAINED, SIMILAR TO THAT UTILIZED IN THIS DRAWING. THIS SCHEDULE SHALL BE MADE AVAILABLE TO THE ENGINEER AT HIS REQUEST.

23.05 B) BOX IDENTIFICATION

BOXES SHALL BE IDENTIFIED AS FOLLOWS:



NUCLEAR SAFETY RELATED | WPPSS QUALITY CLASS I, II & G

REV.	DATE	BY	APPROVED
5			
4			
3			
2			
1	2-17-82	RT	LM

NOTE FOR REV. 1 : INCORPORATED PCP 350-6901, 1917.

EBASCO SERVICES INCORPORATED

DIV. ELEC. DR. DJB
CH. J R Day JSA
DATE JUL. 31, 1981

APPROVED
D Sandefurth
L Masterus

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NUCLEAR PROJECTS NO. 3 & 5
BOX DETAILS
NOTES

WPPS-3240
D-5033
SHEET 2A

RIDS

8303290675