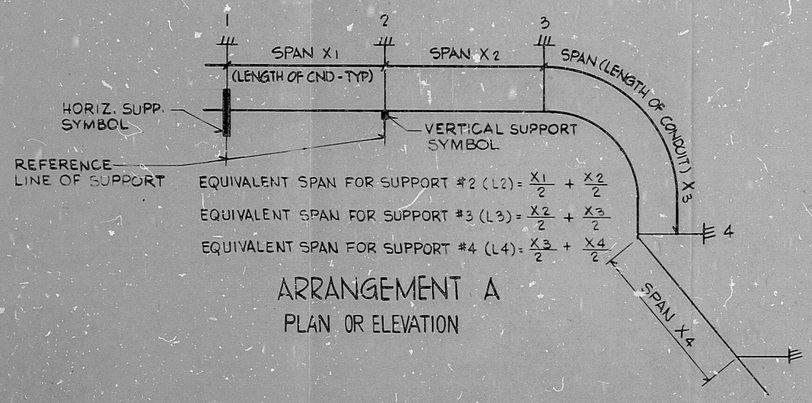
BASED ON EITHER CONDUIT ALLOWABLE STRESS, N.E.C. SPACING LIMITS, OR STRAP CAPACITIES, THE FOLLOWING MAXIMUM SUPPORT SPANS APPLY TO SEISMIC CONDUIT RUNS.
EITHER B2100 SERIES OR U BOLT MAY BE USED, PROVIDED CORRESPONDING SPANS ARE MAINTAINED.
THE "REACTIONS" SHOWN GIVE THE CONDUIT LOADS AT SUPPORTS FOR EACH CASE. STRAPS SHOWN ARE BY B-LINE SYSTEMS. ENGINEER APPROVED EQUAL STRAPS OR CLAMPS MAY BE SUBSTITUTED.

CONDUIT SIZE (")	TOTAL * WEIGHT PER FOOT(LBS)	STRAP TYPE	HORIZONTAL SPAN (MAX.)	HORIZONTAL REACTIONS (LBS)	VERTICAL SPAN ‡ (MAX.)	VERTICAL REACTIONS (LBS)
3/4	1.50	B2100-1	6'-0	9.0	6'-0	9.0
1	2.33	B2100-2	6'-6	15.1	6'-6	15.1
1½	4.29	B2100-4	7'-6	32.2	7'-6	32.2
2	5.32	B2100-5	9'-0	48.0	9'-0	48.0
3	12.83	B2100-7	10'-6	135.0	10'-6	135.0
4	16.73	B2100-9	12'-0	201.0	12'-0	201.0
5	23.14	B2100-10	11'-0	255.0	11'-0	255.0
6	29.45	B2100-11	8'-0	236.0	8'-0	236.0

THE REACTIONS GIVEN IN THE TABLE ARE BASED ON EQUAL SPAN ARRANGEMENTS. FOR UNEQUAL SPAN ARRANGEMENTS, THE REACTIONS SHALL BE CALCULATED BY MULTIPLYING CORRESPONDING TOTAL CONDUIT WEIGHT PER FOOT (I.E. CONDUIT WEIGHT PLUS CABLE WEIGHT) SHOWN ON THE TABLE TIMES THE EQUIVALENT SPAN L AS DEFINED IN ARRANGEMENT A

NOTES:

*- WEIGHT INCLUDES DEAD WEIGHT OF CONDUIT AND DESIGN WEIGHT OF CABLE.
‡- VERTICAL SPAN DIM. REFERS TO DISTANCE BETWEEN CONDUIT STRAPS.



ARRANGEMENT A
PLAN OR ELEVATION

PRC APERTURE CARD

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

THIS SHEET IS FOR SEISMIC APPLICATIONS IN RAB AND FHB ONLY.

DCN-ED-106 INCORPORATED IN REV. 3

REV.	DATE	BY	APPROVED
5			
4			
3	5-7-82	SP	
2	2-17-81	SP	
1	8-22-80	SP	

EBASCO SERVICES INCORPORATED
DIV. ELEC. DR. FDB
CH. F.D. BEANE
DATE APR 10, 1979
APPROVED

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NUCLEAR PROJECTS NO. 3 & 5
GENERAL NOTES, SYMBOLS AND REFERENCE DRAWINGS

WPPS-3240
D-8023
SHEET 65-8

RIDS

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