

TABLE 1 (SEE NOTE 3) DWG. 0-215-001
MIN. CND. SPACING FOR STAGGERED CLAMPS

CND. SIZE	.75	1.00	1.25	1.50	2.00	3.00	4.00
1.00	3.75	5.00					
1.25	5.00	6.25					
1.50	6.25	7.50	4.00				
2.00	7.50	10.00	5.00	5.75			
3.00	10.00	13.75	6.00	6.75	6.00	6.25	
4.00	13.75	17.50	6.75	7.50	6.90	7.00	

TABLE 2 (SEE NOTE 3) DWG. 0-215-001
MIN. CND. SPACING FOR STAGGERED CLAMPS

CND. SIZE	.75	1.00	1.25	1.50	2.00	3.00	4.00
1.00	2.50	3.00					
1.25	3.00	3.75	3.00				
1.50	3.75	4.50	4.00	4.25			
2.00	4.50	5.25	4.75	5.00	4.75	5.00	5.25
3.00	5.25	6.25	5.50	5.75	5.50	5.75	6.25
4.00	6.25	7.50	6.00	6.25	6.00	6.25	7.00

TABLE 3 (USE WHEN ELECTRICAL TERMINATIONS ARE NOT SUPPORTED BY PIPING SYSTEMS) - SEALITE FLEX

CND. MIN. INSIDE SIZE BEND RADIUS (MIN.)	A	FLX. MIN. LENGTH	FLX. MAX. LENGTH
.75	1'-3"	3'-10"	10'-0"
1.00	1'-3"	4'-2"	10'-0"
1.25	1'-6"	4'-3"	10'-0"
1.50	1'-6"	5'-0"	10'-0"
2.00	1'-10"	5'-0"	10'-0"
2.50	2'-0"	5'-10"	10'-0"
3.00	2'-6"	6'-3"	10'-0"
4.00	3'-0"	7'-3"	10'-0"

TABLE 4 (USE WHEN ELECTRICAL TERMINATIONS ARE SUPPORTED BY PIPING SYSTEMS) - SEALITE FLEX

CND. MIN. INSIDE SIZE BEND RADIUS (MIN.)	A	FLX. MIN. LENGTH	FLX. MAX. LENGTH
.75	1'-1"	3'-10"	10'-0"
1.00	1'-3"	4'-2"	10'-0"
1.25	1'-6"	4'-3"	10'-0"
1.50	1'-6"	5'-0"	10'-0"
2.00	1'-10"	5'-0"	10'-0"
2.50	2'-0"	5'-10"	10'-0"
3.00	2'-6"	6'-3"	10'-0"
4.00	3'-0"	7'-3"	10'-0"

TABLE 5 (MINIMUM OFFSET DISTANCE FOR SUPPORTS AT BENDS)

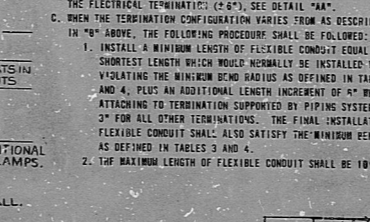
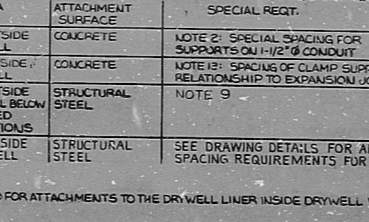
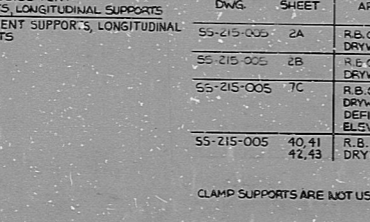
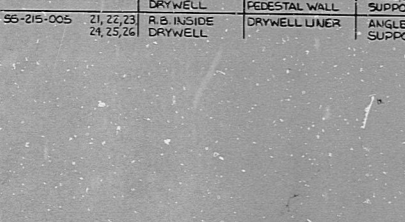
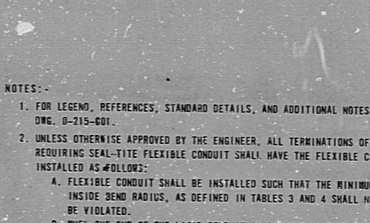
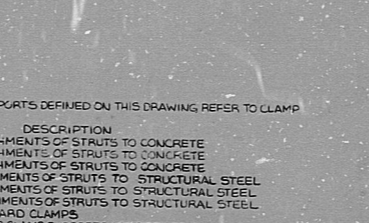
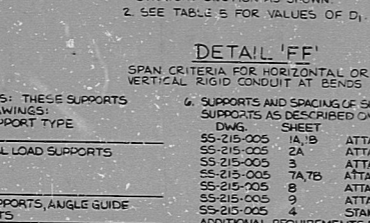
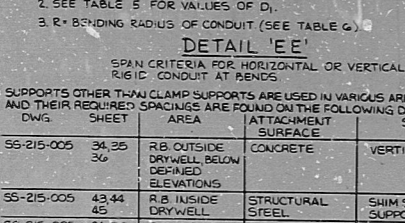
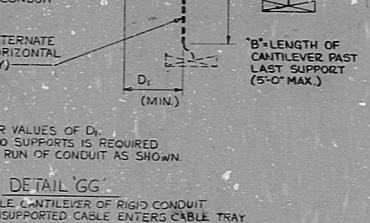
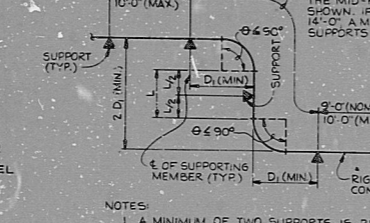
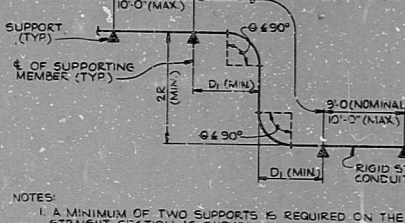
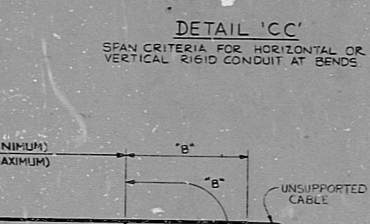
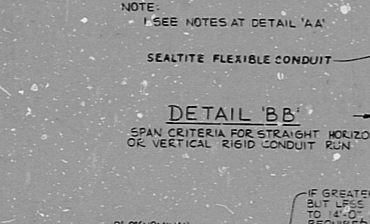
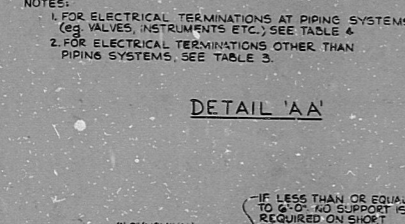
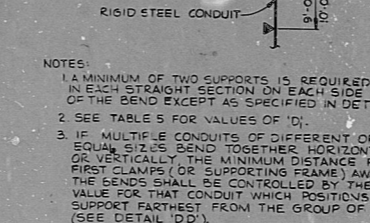
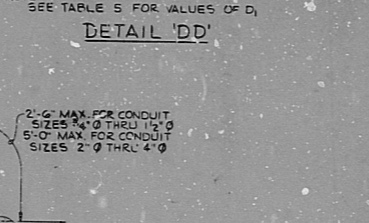
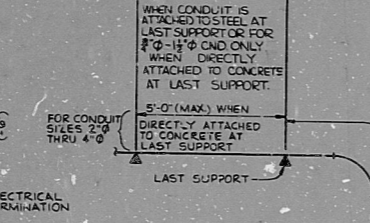
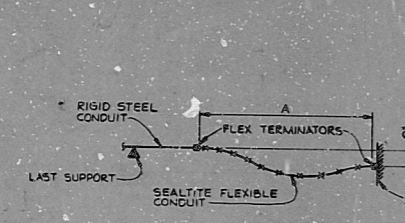
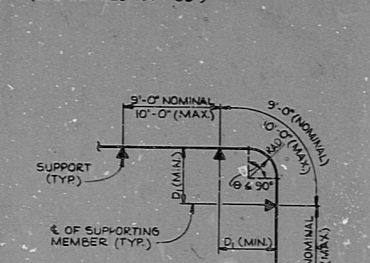
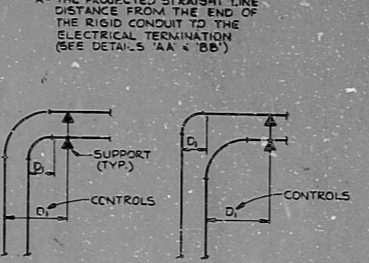
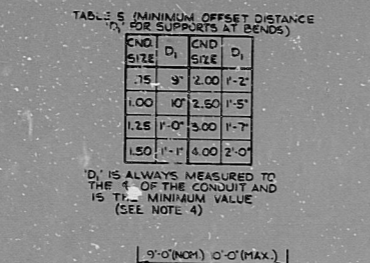
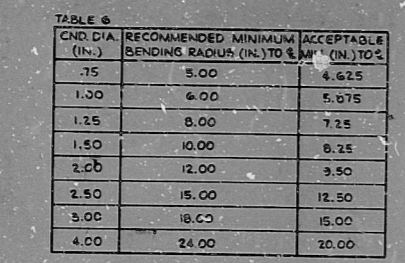
CND. SIZE	D ₁	D ₂
.75	3"	2'-0" (1'-2")
1.00	3"	2'-0" (1'-5")
1.25	3"	2'-0" (1'-7")
1.50	3"	2'-0" (1'-7")

TABLE 6

CND. DIA. (IN.)	RECOMMENDED BENDING RADIUS (IN.)	MINIMUM BENDING RADIUS (IN.)	ACCEPTABLE BENDING RADIUS (IN.)
.75	5.00	4.00	4.625
1.00	6.00	5.00	5.75
1.25	8.00	6.00	7.25
1.50	10.00	8.00	9.25
2.00	12.00	10.00	11.00
2.50	15.00	12.00	13.50
3.00	18.00	15.00	16.50
4.00	24.00	20.00	22.00

TABLE 7

CND. DIA. (IN.)	RECOMMENDED BENDING RADIUS (IN.)	MINIMUM BENDING RADIUS (IN.)	ACCEPTABLE BENDING RADIUS (IN.)
.75	5.00	4.00	4.625
1.00	6.00	5.00	5.75
1.25	8.00	6.00	7.25
1.50	10.00	8.00	9.25
2.00	12.00	10.00	11.00
2.50	15.00	12.00	13.50
3.00	18.00	15.00	16.50
4.00	24.00	20.00	22.00



REFERENCES - (CONTINUED FROM DWG. 0-215-001)

DWG.	SHEET	DESCRIPTION
0-210	SERIES	GROUNDING - UNIT 1
0-210-112		SERVICE WATER PUMP HOUSE
0-210-113		EL. 501'-4" AND EL. 620'-8"
0-210-114		EL. 501'-4", 600'-4", AND 620'-8"
0-210-115		EMBEDDED CONDUIT - EL. 501'-4"
0-210-116		EMBEDDED CONDUIT - EL. 620'-8"
0-210-117		CIRCULATING WATER PUMP HOUSE AND ACID STORAGE BUILDING - UNIT 1
0-210-118		EL. 621'-8"
0-210-119		EMBEDDED CONDUITS - EL. 621'-8" AND EL. 626'-8"
0-210-120		EMERGENCY SERVICE WATER PUMP HOUSE
0-210-121		TRAY SUPPORT COMPOSITE - EL. 500'-4"
0-210-122		PUMP HOUSE - EL. 500'-4"
0-210-123		EMBEDDED CONDUIT - EL. 500'-4"
0-210-124		SERIES, CONDUIT, AND TRAY SUPPORTS
0-210-125		WATER TREATING BUILDING
0-210-126		EL. 647'-8" AND EL. 640'-8"
0-210-127		DISCELLANEOUS BUILDINGS
0-210-128		FUEL OIL PUMP HOUSE, DECONTAMINATION EQUIPMENT BUILDING, DECONTAMINATION BUILDING AND HYDROLYTE GENERATOR BUILDING
0-210-129		YARD AREA
0-210-130		GAOARDHOUSE
0-210-131		TRAY SUPPORTS - UNIT 2
0-210-132		SEPARATION
0-210-133		CONDUIT AND TRAY SEPARATION CRITERIA
0-210-134		CONDUIT AND TRAY SEPARATION CRITERIA
0-210-135		CONDUIT SUPPORTS
0-210-136		CONDUIT SUPPORTS
0-210-137		TURBINE BUILDING - UNIT 2
0-210-138		EAST - EL. 577'-8"
0-210-139		WEST - EL. 577'-8"
0-210-140		WEST - EL. 577'-8"
0-210-141		LUBE OIL AREA - EL. 503'-8"
0-210-142		EAST - EL. 600'-8"
0-210-143		EL. 600'-8"
0-210-144		EL. 600'-8"
0-210-145		WEST - EL. 600'-8"
0-210-146		LUBE OIL AREA - EL. 620'-8"
0-210-147		EAST - EL. 647'-8"
0-210-148		EL. 624'-8"
0-210-149		EL. 624'-8"
0-210-150		WEST - EL. 620'-8"
0-210-151		LAY DOWN AREA - EL. 620'-8"
0-210-152		MAIN TRANSFORMER AREA - EL. 620'-8"
0-210-153		LUBE OIL AREA - EL. 647'-8"
0-210-154		EAST - EL. 647'-8"
0-210-155		EL. 647'-8"
0-210-156		WEST - EL. 647'-8"
0-210-157		WEST - EL. 647'-8"
0-210-158		WEST - EL. 647'-8"
0-210-159		WEST - EL. 647'-8"
0-210-160		WEST - EL. 647'-8"
0-210-161		WEST - EL. 647'-8"
0-210-162		WEST - EL. 647'-8"
0-210-163		EAST - EL. 500'-8"
0-210-164		WEST - EL. 500'-8"
0-210-165		WEST - EL. 600'-8"
0-210-166		EAST - EL. 620'-8"
0-210-167		WEST - EL. 620'-8"
0-210-168		EAST - EL. 647'-8" AND EL. 667'-8"
0-210-169		WEST - EL. 647'-8"
0-210-170		WEST - EL. 503'-8"
0-210-171		WEST - EL. 503'-8"
0-210-172		CONDENSATE DENITRIFIER - UNIT 2
0-210-173		EAST - EL. 500'-8" AND EL. 503'-8"
0-210-174		WEST - EL. 500'-8"
0-210-175		WEST - EL. 548'-8" AND EL. 568'-8"
0-210-176		EAST - EL. 593'-8"
0-210-177		WEST - EL. 593'-8"
0-210-178		WEST - EL. 593'-8"

REFERENCES - (CONTINUED)

DWG.	SHEET	DESCRIPTION
0-210-179		OFF-GAS BUILDING - UNIT 2
0-210-180		EL. 501'-8"
0-210-181		EL. 602'-8"
0-210-182		EL. 621'-8"
0-210-183		EL. 630'-8", 667'-8", AND 681'-8"
0-210-184		TURBINE POWER COMPLEX - UNIT 2
0-210-185		EAST - EL. 620'-8"
0-210-186		WEST - EL. 620'-8"
0-210-187		EAST - EL. 647'-8"
0-210-188		WEST - EL. 647'-8"
0-210-189		WEST - EL. 647'-8"
0-210-190		AUXILIARY BUILDING - UNIT 2
0-210-191		EAST - EL. 524'-8"
0-210-192		WEST - EL. 574'-10"
0-210-193		EAST - EL. 599'-8"
0-210-194		WEST - EL. 620'-8"
0-210-195		WEST - EL. 620'-8"
0-210-196		EAST - EL. 647'-8"
0-210-197		WEST - EL. 647'-8"
0-210-198		EAST - EL. 647'-8"
0-210-199		WEST - EL. 647'-8"
0-210-200		REACTOR BUILDING - UNIT 2
0-210-201		EAST - EL. 514'-10"
0-210-202		WEST - EL. 574'-10"
0-210-203		AUXILIARY PLANT - UNDER REACTOR PRESSURE VESSEL
0-210-204		EL. 504'-5-3/16"
0-210-205		UNDER REACTOR PRESSURE VESSEL EL. 504'-5-3/16" - SECTIONS AND DETAILS
0-210-206		EAST - EL. 500'-8"
0-210-207		WEST - EL. 500'-8"
0-210-208		EAST - EL. 620'-8"
0-210-209		WEST - EL. 620'-8"
0-210-210		EAST - EL. 647'-8"
0-210-211		WEST - EL. 647'-8"
0-210-212		EAST - EL. 647'-8"
0-210-213		WEST - EL. 647'-8"
0-210-214		EAST - EL. 664'-7"
0-210-215		WEST - EL. 664'-7"
0-210-216		EAST - EL. 680'-8"
0-210-217		WEST - EL. 680'-8"
0-210-218		EAST - EL. 680'-8"
0-210-219		WEST - EL. 680'-8"
0-210-220		FUEL POOL AREA EMBEDDED CONDUIT - EL. 600'-8"
0-210-221		FUEL POOL AREA EMBEDDED CONDUIT - EL. 600'-8" - DETAILS
0-210-222		WEST - EL. 647'-8"
0-210-223		WEST - EL. 647'-8"

1. SUPPORTS OTHER THAN CLAMP SUPPORTS ARE USED IN VARIOUS AREAS. THESE SUPPORTS AND THEIR REQUIRED SPACINGS ARE FOUND ON THE FOLLOWING DRAWINGS:

DWG.	SHEET	AREA	ATTACHMENT SURFACE	SUPPORT TYPE
55-215-005	34, 35	R.B. OUTSIDE DRYWELL BELOW DEPAVED ELEVATIONS	CONCRETE	VERTICAL LOAD SUPPORTS
55-215-005	43, 44	R.B. INSIDE DRYWELL	STRUCTURAL STEEL	SHIM SUPPORTS, ANGLE GUIDE SUPPORTS
55-215-005	21, 30	R.B. INSIDE DRYWELL	BIO-WALL	ANGLE GUIDE TENT SUPPORTS, LONGITUDINAL SUPPORTS
55-215-005	21, 22, 23	R.B. INSIDE DRYWELL	DRYWELL LINER	ANGLE TENT SUPPORTS, LONGITUDINAL SUPPORTS

6. SUPPORTS AND SPACING OF SUPPORTS DEFINED ON THIS DRAWING REFER TO CLAMP SUPPORTS AS DESCRIBED:

DWG.	SHEET	DESCRIPTION
55-215-005	1A, 1B	ATTACHMENTS OF STRUTS TO CONCRETE
55-215-005	2A	ATTACHMENTS OF STRUTS TO CONCRETE
55-215-005	3	ATTACHMENTS OF STRUTS TO CONCRETE
55-215-005	7A, 7B	ATTACHMENTS OF STRUTS TO STRUCTURAL STEEL
55-215-005	8	ATTACHMENTS OF STRUTS TO STRUCTURAL STEEL
55-215-005	9	ATTACHMENTS OF STRUTS TO STRUCTURAL STEEL
55-215-005	4	STANDARD CLAMPS

ADDITIONAL REQUIREMENTS FOR CLAMP SUPPORTS ARE DEFINED ON THE FOLLOWING DRAWINGS:

DWG.	SHEET	AREA	ATTACHMENT SURFACE	SPECIAL REQ.
55-215-005	2A	R.B. OUTSIDE DRYWELL	CONCRETE	NOTE 2: SPECIAL SPACING FOR SUPPORTS ON 1/2" Ø CONDUIT
55-215-005	2B	R.B. OUTSIDE DRYWELL	CONCRETE	NOTE 13: SPACING OF CLAMP SUPPORTS IN RELATIONSHIP TO EXPANSION JOINTS
55-215-005	7C	R.B. OUTSIDE DRYWELL BELOW DEPAVED ELEVATIONS	STRUCTURAL STEEL	NOTE 9
55-215-005	40, 41	R.B. INSIDE DRYWELL	STRUCTURAL STEEL	SEE DRAWING DETAILS FOR ADDITIONAL SPACING REQUIREMENTS FOR CLAMPS.

CLAMP SUPPORTS ARE NOT USED FOR ATTACHMENTS TO THE DRYWELL LINER INSIDE DRYWELL WALL.

NOTES:

- FOR LEGEND, REFERENCES, STANDARD DETAILS, AND ADDITIONAL NOTES, SEE DWG. 0-215-001.
- UNLESS OTHERWISE APPROVED BY THE ENGINEER, ALL TERMINATIONS OF RIGID CONDUIT REQUIRING SEALITE FLEXIBLE CONDUIT SHALL HAVE THE FLEXIBLE CONDUIT INSTALLED AS FOLLOWS:
 - FLEXIBLE CONDUIT SHALL BE INSTALLED SUCH THAT THE MINIMUM INSIDE BEND RADIUS, AS DEFINED IN TABLES 3 AND 4, SHALL NOT BE VIOLATED.
 - WHEN THE END OF THE RIGID CONDUIT IS AXIALLY ALIGNED WITH THE ELECTRICAL TERMINATION (2" Ø), SEE DETAIL "AA".
 - WHEN THE TERMINATION CONFIGURATION VARIES FROM AS DESCRIBED IN "A" ABOVE, THE FOLLOWING PROCEDURE SHALL BE FOLLOWED:
 - INSTALL A MINIMUM LENGTH OF FLEXIBLE CONDUIT EQUAL TO THE SHORTEST LENGTH WHICH WOULD NORMALLY BE INSTALLED WITHOUT VIOLATING THE MINIMUM BEND RADIUS AS DEFINED IN TABLES 3 AND 4, PLUS AN ADDITIONAL LENGTH INCREMENT OF 4" WHEN ATTACHING TO TERMINATION SUPPORTED BY PIPING SYSTEMS, OR 3" FOR ALL OTHER TERMINATIONS. THE FINAL INSTALLATION OF FLEXIBLE CONDUIT SHALL ALSO SATISFY THE MINIMUM BEND RADIUS AS DEFINED IN TABLES 3 AND 4.
 - THE MAXIMUM LENGTH OF FLEXIBLE CONDUIT SHALL BE 10'-0".
- D. THE CONTRACTOR MAY VARY THE CANTILEVER LENGTH OF RIGID CONDUIT PAST THE LAST SUPPORT WITHIN THE FOLLOWING LIMITATIONS:
 - THE MINIMUM CANTILEVER LENGTH SHALL BE 0" OR AS REQUIRED BY THE DETAILS OF THE CONDUIT TO SUPPORT ATTACHMENT.
 - THE MAXIMUM CANTILEVER LENGTH SHALL BE 2'-0" PAST THE LAST SUPPORT. WHERE A RIGID CONDUIT CONFIGURATION STRIKES TO DETAIL "BB" IS SHOWN ON THE LAYOUT DRAWING, SLOTTABLE MAXIMUM CANTILEVER LENGTH SHALL BE AS SHOWN IN DETAIL "BB".
 - IF THE FLEXIBLE CONDUIT CANNOT BE INSTALLED TO MEET THIS CRITERIA, THE ENGINEER SHALL BE CONTACTED TO PROVIDE A

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