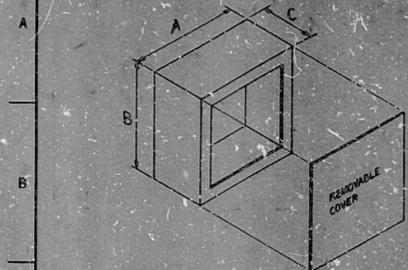


14 13 12 11 10 9 8 7 6 5 4 3 2 1



LEGEND:
 A - ALUMINUM
 B - GALVANIZED STEEL
 P - PAINTED STEEL
 S - STAINLESS STEEL

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11
8.5
11
17
22

BOX SIZE	BOX	QUAN.
A B C	MK.	REQ'D
6" 4" 4"	01	1
6" 6" 4"	02	93
8" 6" 6"	03	8
8" 8" 6"	04	109
10" 8" 6"	05	16
12" 10" 6"	06	241
12" 12" 6"	07	0
14" 12" 6"	08	2
14" 14" 6"	09	71
16" 10" 8"	10	0
12" 10" 8"	11	4
16" 10" 8"	12	52
12" 12" 8"	13	111
16" 12" 8"	14	61
18" 14" 10"	15	1
20" 16" 10"	16	46
22" 18" 10"	17	35
24" 20" 10"	18	7
24" 24" 12"	19	7
28" 18" 24"	20	1
14" 12" 48"	21	0
26" 54" 24"	22	0
26" 10" 3"	23	3
24" 14" 6"	24	12
22" 22" 6"	25	4
32" 28" 12"	26	1
30" 34" 12"	27	9
40" 20" 12"	28	1
24" 10" 4"	29	1
42" 17" 3"	30	0
12" 2" 2"	31	1
20" 21" 6"	32	12
21" 8" 4"	33	18
36" 14" 6"	34	10
84" 8" 8"	35	3
78" 7" 1"	36	0
66" 6" 6"	37	1
63" 7" 1"	38	3
40" 5" 5"	39	0
51" 6" 6"	40	1
51" 5" 5"	41	0
42" 5" 5"	42	5

BOX SIZE	BOX	QUAN.
A B C	MK.	REQ'D
36" 4" 4"	05	0
26" 4" 4"	06	16
20" 3" 3"	07	1
12" 3" 3"	08	131
1" 2" 2"	09	2
22" 3" 3"	10	11
18" 8" 4"	11	40
24" 10" 6"	12	32
28" 16" 10"	13	10
16" 8" 8"	14	24
30" 6" 6"	15	2
22" 14" 9"	16	0
15" 6" 6"	17	55
28" 10" 4"	18	0
28" 14" 3"	19	6
24" 12" 12"	20	9
27" 17" 12"	21	0
20" 20" 12"	22	8
12" 11" 12"	23	12
18" 4" 4"	24	53
33" 8" 4"	25	6
40" 6" 6"	26	8
18" 12" 6"	27	30
48" 8" 6"	28	0
12" 6" 3"	29	54
56" 8" 6"	30	0
24" 12" 4"	31	1
30" 12" 12"	32	4
36" 18" 8"	33	5
54" 8" 8"	34	10
60" 10" 6"	35	0
40" 30" 6"	36	1
30" 30" 6"	37	3
8" 6" 6"	38	1
24" 5" 5"	39	6
18" 18" 4"	40	5
66" 30" 16"	41	0
48" 12" 8"	42	4
57" 13" 7"	43	0
27" 5" 5"	44	0
20" 24" 8"	45	0
66" 14" 7"	46	8
30" 18" 3"	47	0

BOX SIZE	BOX	QUAN.
A B C	MK.	REQ'D
30" 15" 16"	05	4
87" 8" 4"	06	0
48" 48" 8"	07	0
36" 24" 8"	08	5
18" 24" 8"	09	0
82" 14" 8"	10	3
16" 13" 6"	11	11
24" 28" 8"	12	5
15" 6" 4"	13	283
4" 4" 4"	14	3
12" 10" 4"	15	4
12" 12" 8"	16	5
20" 14" 10"	17	2
12" 11" 12"	18	12
12" 12" 12"	19	1
30" 14" 8"	20	1
15" 6" 4"	21	1
16" 12" 8"	22	1
20" 16" 10"	23	2
14" 10" 8"	24	1
32" 28" 12"	25	1
12" 10" 6"	26	3
8" 6" 6"	27	1

BOX MARK	QUAN. REQ'D	DRAWING REFERENCE
SPCL 1	1	D-215-436
SPCL 2	1	D-215-374
SPCL 3	1	D-215-374
SPCL 4	8	D-201-133
SPCL 5	8	D-201-133
SPCL 6	1	D-215-436
SPCL 7	1	D-215-436
SPCL 8	1	D-201-136
SPCL 9	1	D-201-136
SPCL 10	4	D-215-132
SPCL 15	1	D-201-136
SPCL 20	1	D-201-134
SPCL 21	1	D-201-134
SPCL 22	1	D-201-134
SPCL 23	2	D-201-136
SPCL 24	2	D-201-132
SPCL 28	1	D-201-132
SPCL 29	2	D-201-132
SPCL 32	1	D-215-374
SPCL 34	1	D-215-374
SPCL 35	1	D-201-136
SPCL 36	1	D-215-44
SPCL 37	32	D-201-137
SPCL 38	1	D-201-132
SPCL 39	1	D-201-137
SPCL 40	1	D-201-137
SPCL 41	1	D-201-137
SPCL 42	1	D-201-137
SPCL 43	1	D-201-137
SPCL 44	1	D-201-137
SPCL 45	2	D-201-137
SPCL 46	71	4549-64-005 NBS/SON ELEC. METHOD 211
SPCL 48	2	D-201-137
SPCL 49	24	D-201-138
SPCL 50	1	D-201-138
SPCL 51	2	D-201-138
SPCL 52	1	D-201-138
SPCL 53	1	D-201-138
SPCL 54	1	D-201-138
SPCL 55	1	D-201-138
SPCL 56	1	D-201-138
SPCL 57	14	D-201-140
SPCL 58	4	D-201-140
SPCL 59	2	D-201-140
SPCL 60	1	D-201-139
SPCL 61	1	D-201-139
SPCL 67	1	D-201-139
SPCL 64	1	D-201-139

NOTES: (THESE NOTES NOT APPLICABLE FOR SPECIAL BOXES)
 1. DIMENSIONS - ALL INSIDE.
 2. MATERIAL - BIRMINGHAM GAUGE #12 (SEE NOTE B), OTHERWISE IN CONFORMANCE WITH NATIONAL ELECTRICAL CODE.
 3. CONSTRUCTION - ALL WELDS.
 4. FLANGES - ALL TURNED UP AND 1/2" HIGH, UNLESS COVER SIZE 24" IN ANY DIMENSION, IN WHICH CASE THEY SHALL BE 3/4" HIGH (SEE NOTE B). PROVIDE SUITABLE TAPPED HOLES FOR MOUNTING COVERS, AND NEOPRENE (OR EQUAL) GASKETS WITH NON-FERROUS SCREWS.
 5. GASKETS - NEOPRENE (OR EQUAL) FIRMLY BONDED TO INNER FACE OF COVER AND WITH HOLES MATCHING THOSE IN BODY.
 6. MARK NO.'S - SHALL BE STAMPED ON ALL BOXES ON OUTER SURFACE OF BACK, OPPOSITE COVER.
 7. FINISH - COVERS AND BOXES TO BE GALVANIZED WITH NO CHIPS OR SCRATCHES, (UNLESS INDICATED OTHERWISE). ALL COVERS SHALL BE FREE OF BURRS AND SHARP EDGES.
 8. * - THE FOLLOWING BOXES ARE TO BE FABRICATED FROM 1/4" OR 3/8" STEEL PLATE, ASTM A569 MATERIAL. FLANGE WIDTHS SHALL BE 1-1/4" FOR COVER SIZES UP TO 24" AND 1-1/2" FOR COVER SIZES OVER 24" WITH ALL BOLT HOLES CENTERED ON THE FLANGE. ALL OTHER REQUIREMENTS TO BE PER DWS. D-201-135.

BOX NO.	R	THICKNESS	BOX NO.	R	THICKNESS
1-194	1/2"	3/8"	1-1413	3/8"	3/8"
1-295	1/2"	3/8"	1-1514	3/8"	3/8"
1-304	1/2"	3/8"	1-2182	3/8"	3/8"
1-307	1/2"	3/8"	1-2185	3/8"	3/8"
1-308	1/2"	3/8"	1-2297	3/8"	3/8"
1-402	1/2"	3/8"	1-2798	3/8"	3/8"
1-405	1/2"	3/8"	1-3516	3/8"	3/8"
1-407	1/2"	3/8"	1-3226	3/8"	3/8"
1-409	1/2"	3/8"	1-4490	3/8"	3/8"
1-416	1/2"	3/8"	1-4918	3/8"	3/8"
1-418	1/2"	3/8"	1-2558	3/8"	3/8"
1-512	1/2"	3/8"	1-2883	3/8"	3/8"
1-524	3/8"	3/8"	1-3550	3/8"	3/8"
1-516	1/2"	3/8"	1-3638	3/8"	3/8"
1-1205	1/2"	3/8"	1-3550	3/8"	3/8"
1-2550	3/8"	3/8"	1-3550	3/8"	3/8"
1-2236	1/2"	3/8"	1-713	3/8"	3/8"

9. THE CONTRACTOR MAY SUBSTITUTE A LARGER SIZE JUNCTION OR PULL BOX THAN THE ONE INDICATED ON THE D-224- AND D-274- SERIES DRAWINGS WHEN AVAILABILITY OF THE SPECIFIED BOX MAY AFFECT JOB PROGRESS OR SCHEDULE OR WHEN FIELD CONDITIONS WOULD WARRANT A SUBSTITUTION (AS DETERMINED BY THE LDC FIELD ENGINEER). THE CONTRACTOR SHALL MAINTAIN AS BUILT DRAWINGS TO DOCUMENT DRAWING CHANGE.

REFERENCES:
 B-274- LOCATION SCHEDULE - PULL, TERMINAL, AND JUNCTION BOXES, UNIT 1
 B-274- LOCATION SCHEDULE - PULL, TERMINAL, AND JUNCTION BOXES, UNIT 2

PRC
 APERTURE
 CARD

NUCLEAR SAFETY RELATED

NO.	DATE	ISSUE	BY	APPROVED
1				

NO.	DATE	REVISION
1		

12/27/78	CONSTRUCTION	1/41
12/27/78	LIMITED CONSTRUCTION AS NOTED	
12/27/78	PRELIMINARY NOT FOR CONSTRUCTION	
12/27/78	BIDDING PURPOSES SP-3	1/41

DATE: RELEASED FOR ENGR.
 THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
 PERRY NUCLEAR POWER PLANT UNITS 1 & 2

ELECTRICAL
 PULL, TERMINAL, AND JUNCTION BOXES
 DIVISION 1, 2, 3, AND 4
 CLEVELAND ASSOCIATES, INC.
 ENGINEERS AND CONSULTANTS

DRAWING	ARCHITECTURAL	CIVIL	ELECTRICAL	METALLURGICAL
DESIGNED BY				
CHECKED BY				
DATE				

PLANT NO. 04 4549 D-201-131 R
 DRAWING NUMBER REV

REVISIONS AS PER REV'S
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