



MODULE I.D.	N-S DIRECTION	E-W DIRECTION	MODULE ENVELOPE SIZE (SEE NOTE #1)		MODULE BOUNDARY WALL BOREAL REQUIREMENT				WEIGHT EMPTY	NO. OF COLS PER RACK	REMARKS
			N-S	E-W	N	S	E	W			
K	11	10	67.21"	61.10"	NO	YES	NO	YES	7500#	110	
L	12	10	73.32"	61.10"	NO	YES	NO	YES	6600#	120	
M	14	10	85.54"	61.10"	NO	NO	NO	YES	10000#	140	
N1	12	12	73.32"	73.32"	NO	YES	NO	NO	10300#	144	
N2	12	12	73.32"	73.32"	NO	YES	NO	NO	10300#	144	
P	14	12	85.54"	73.32"	NO	NO	NO	NO	12000#	168	
R	19	17	116.05"	103.67"	NO	NO	NO	NO	23200#	323	IN CASK PIT

SUPPORT BEARING PAD DATA			
TYPE	QUANTITY	SIZE	MATERIAL
A	6	6 1/2" x 12" x 12"	SA-240-304
B	5	6 1/2" x 12" x 12"	SA-240-304
C	1	6 1/2" x 12" x 12"	SA-240-304
D	1	6 1/2" x 12" x 12"	SA-240-304
F	4	6 1/2" x 12" x 12"	SA-240-304

LEGEND:

□ - LIFT ROD LOCATION ARE TYPICAL FOR EACH TYPE OF RACKS AS SHOWN.

● - CENTERING POST LOCATIONS FOR EACH TYPE OF RACKS AS SHOWN.

- NOTES**
- THE RACK MODULE HORIZONTAL DIMENSIONS (SEE TABLE) DEFINE THE MAX. PRISMATIC ENVELOPE SIZES WITH MODULE EXTERNAL SHEATHING/POISON AND BASEPLATE EXCLUDED. MAX. BASEPLATE DIMENSIONS ARE 1/4" GREATER THAN MAX. PRISMATIC ENVELOPE DIMENSIONS.
 - TOTAL OF (7) RACKS = 1149 CELLS (CAMPAIGN III).
 - RACK TO WALL GAPS ARE AS NOTED.
 - SCALE 1/2" = 1'-0" .
 - RACK TO RACK GAPS: 1/2" ± 0" - 1/4" EXCEPT NOTED.
 - FLOOR WALL & FLOOR OBSTRUCTIONS, TO BE REMOVED & TRUNCATED PER HOLT TEC PROCEDURE HPP 20170-10.
 - TOP OF RACK BASEPLATE ABOVE BEARING PAD = 5 3/4" ± 1/2"
 - TOP OF RACK ABOVE LINER = 181 1/4" ± 1/2"
 - NAME SUPPORT BEARING PADS MAY BE MODIFIED (CUT, TRIM ETC.) AT THE SITE AS NECESSARY, TO AVOID EXISTING FLOOR OBSTRUCTIONS.
 - SEE Dwg NO. 7884-C-482 FOR BEARING PAD DETAILS.
 - ENGINEERING SPECIFICATION NO. 800-10MS-453
 - FOR RACK NAME PLATE DETAILS SEE Dwg. 7884-C-482

EXISTING OBSTRUCTIONS REMOVED PER HOLT TEC PROCEDURE HPP 20170-10. REMOVED OBSTRUCTIONS TRACKS ARE NOTED IN THE POOL MAP. CAMPAIGN III INSTALLATION ARE FOR THE FUTURE.

11-53	5	REV. D AS SHOWN	11-53	5	REV. D AS SHOWN
9-93	4	REV. D AS SHOWN	9-93	4	REV. D AS SHOWN
7-27-93	3	REV. D AS SHOWN	7-27-93	3	REV. D AS SHOWN
4-1-93	2	REV. D MODULE N1	4-1-93	2	REV. D MODULE N1
5-11-92	1	ADDED RACK "R" ETC.	5-11-92	1	ADDED RACK "R" ETC.
7-30-92	0	FOR APPROVAL	7-30-92	0	FOR APPROVAL
DATE	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION

FOR INFORMATION ONLY

1	8-25-95	ISSUED FOR CONSTRUCTION	1	8-25-95	ISSUED FOR CONSTRUCTION
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

REVISION

EQUIPMENT DESIGN

ANALYSIS

HOLTECH INTERNATIONAL

CONSULTING

DESCRIPTION

POOL LAYOUT - CAMPAIGN III SPENT FUEL STORAGE RACKS

CLIENT

IOWA ELECTRIC LIGHT & POWER CO
DUANE ARNOLD ENERGY CENTER

COMPANION DRAWINGS

1043 TO 1055

PROJECT No. 20170

DRAWING No. 1048

REV. 1

P.O. No. 1008

M453-006

D7

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