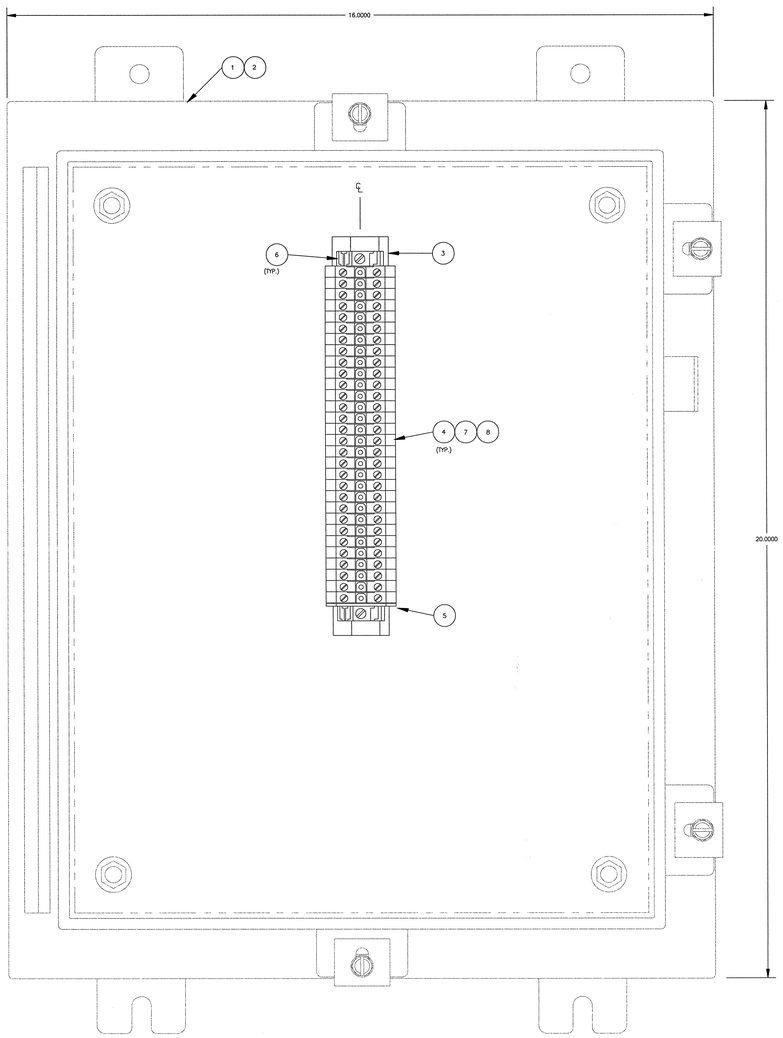
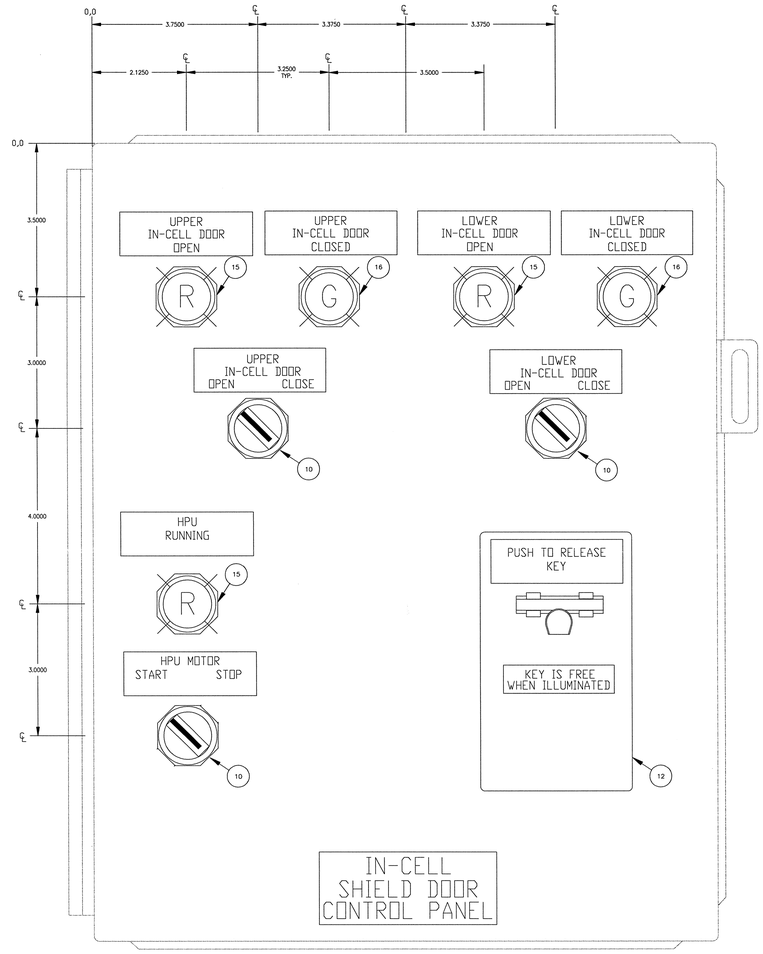


INSIDE



COVER

BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	MANUFACTURER	PART No.
1	1	ENCLOSURE NEMA 4X, SS 316 20"Hx16"Wx6"D	HOFFMAN	A-20H16066SSLP
2	1	ENCLOSURE PANEL, SS 316 17"Hx13"W	HOFFMAN	A-20P1613SS6
3	A/R	TERMINAL MOUNTING RAIL	WEIDMULLER	12280
4	30	TERMINAL BLOCK SAK4	WEIDMULLER	12836
5	1	END PLATE	WEIDMULLER	27956
6	2	END BRACKET EWK1	WEIDMULLER	20616
7	1	PREFIXED TAGS (1-50)	WEIDMULLER	473460001
8	1	PREFIXED TAGS (51-100)	WEIDMULLER	473460051
9	7	NAMEPLATE, SS316, 3/16" THK 1"Hx3"W	-	-
10	3	SEL. SW., NEMA 4X, 2-POS. MAINT., 1-NO/1-NC	ALLEN-BRADLEY	800H-HR2A
12	1	SOLENOID RELEASE UNIT	ALLEN-BRADLEY	440T-MSRUE22
13	1	PUSH-PULL/TWIST REL. SW, NEMA 4X, RED, 1-NCLB	ALLEN-BRADLEY	800H-FRXT6D4
14	1	SEL. SW., NEMA 4X, 2-POS. SPRG. RET., 1-NO/1-NC	ALLEN-BRADLEY	800H-HR4A
15	3	RED INDICATING LAMP	ALLEN-BRADLEY	800T-Q10R
16	2	GREEN INDICATING LAMP	ALLEN-BRADLEY	800T-Q10G
17	1	JUNCTION BOX 12"x10"x6"	HOFFMAN	A-12106CHNFSS
18	1	REAR PANEL 10.75"x8.88"	HOFFMAN	A-12P-10SS
19	1	MOUNTING RAIL	ALLEN-BRADLEY	199-DR1
20	18	TERMINAL	ALLEN-BRADLEY	1492-W10
21	4	END ANCHOR	ALLEN-BRADLEY	1492-EA35
22	2	END BARRIER	ALLEN-BRADLEY	1492-EB10

NOTES:

1. FOR WIRING DIAGRAM AND SCHEMATIC DIAGRAM SEE DRAWING J1.28.35
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO CSI SECTION 16000 AND ALL SUB-SECTIONS.

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFOR MATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

NUMBER OF SECTION OR DETAIL — DRAWING ON WHICH SECTION OR DETAIL IS SHOWN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 3

ENGINEERING PROCEDURE SNS-ENG-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0				CERTIFIED FOR CONSTRUCTION 10/26/01	LJF	JWH				11/2/01	RAD	11/2/01				11/2/01	JWH	107492	10/26/01										

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE JERRY WAYNE HARRIS REGISTERED ENGINEER AGRICULTURE COMMERCE No. 113124 STATE OF TENNESSEE

DSN		10/25/01
DRW		10/25/01
CHK		10/26/01
DEPT		
PE		11/1/01
PJ		11/2/01
REQ		
UTB		11/2/01

REV. 0 DATE 10/26/01 — DRAWING APPROVALS

Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
Fax865-241-3400

MERRICK Engineers & Architects

UT-BATTELLE — Oak Ridge National Laboratory, managed by UT-Battelle, LLC, for the U.S. Dept. of Energy under contract DE-AC05-00OR22725

108030700-J8E-8700-A119

PROJECT NAME:
SPALLATION NEUTRON SOURCE
TARGET BUILDING
IN-CELL SHIELD DOOR CONTROL PANEL

1	48	49	50	PLANT	BLDG	FL	SH.	DF	TYPE	CLASS
3	J	X	X	8	8700		1	1	G	U

51	52	53	
NC	NA	IN	WBS 1.8.3.7

J1.28.33 REV 0

J1.28.34