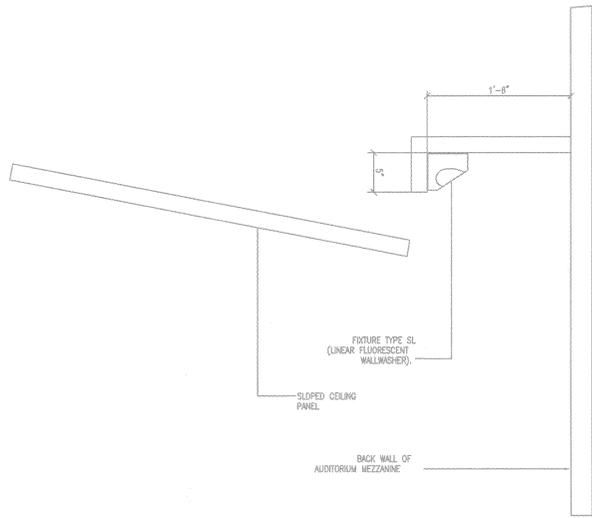
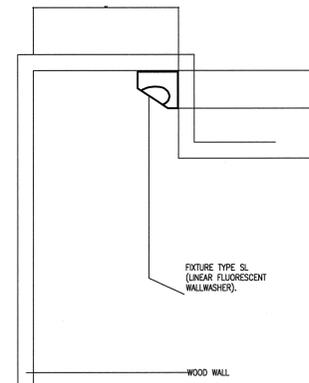


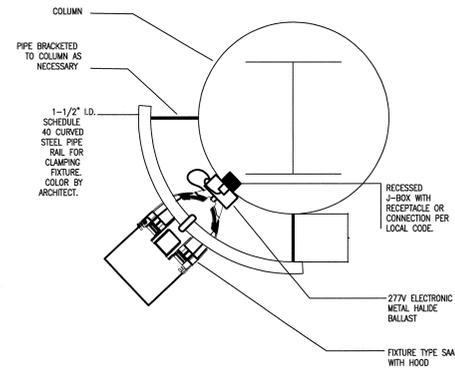
1 AUDITORIUM COVE LIGHTING
SCALE: 1-1/2"=1'-0"



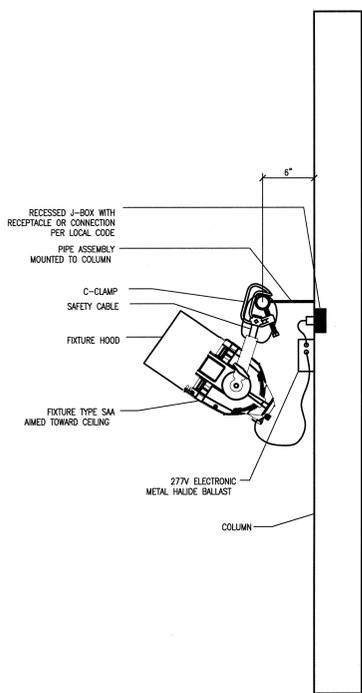
2 AUDITORIUM MEZZANINE MOUNTING DETAIL
SCALE: 1-1/2"=1'-0"



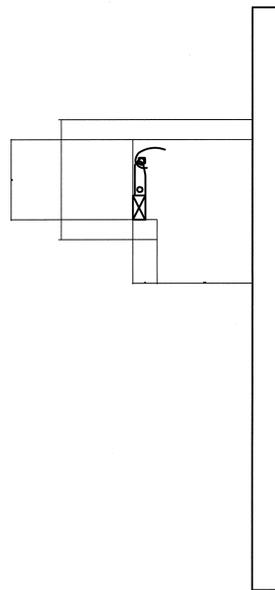
3 LOBBY WOOD WALL MOUNTING DETAIL
SCALE: 1-1/2"=1'-0"



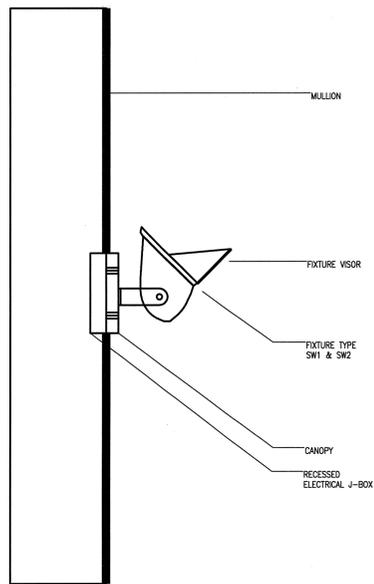
4 FITURE SAA MOUNTED TO COLUMN DETAIL
SCALE: 1-1/2"=1'-0"



5 COLUMN LIGHTING DETAIL
SCALE: 1-1/2"=1'-0"



6 CONTROL ROOM LIGHT SHELF DETAIL
SCALE: 1-1/2"=1'-0"



7 EXTERIOR SOFFIT LIGHTING DETAIL
SCALE: 1-1/2"=1'-0"

AUDITORIUM CONTROL SCHEDULE

CONTROL PANEL A												
CHANNEL NO.	DIMMER NO.	DESCRIPTION	FXT. TYPE	NO. FXTS./FITURE	WATTS	TOTAL CONNECTED LOAD (WATTS)	LOAD TYPE	CONTROL TYPE	EM. TRAN.	EM. STATUS	CONT. STATUS	
1	1	STAGE ROW 1	SA	5	100	500	INC.	X				
2	2	STAGE ROW 2	SA	5	100	500	INC.	X				
3	3	STAGE ROW 3	SA	5	100	500	INC.	X				
4	4	STAGE RIGHT WALLWASHERS	SG2	4	100	400	INC.	X				
5	5	STAGE LEFT WALLWASHERS	SG2	4	100	400	INC.	X				
6	6	AUDITORIUM DOWNLIGHTS ROW 1	SDA	3	250	750	INC.	X				
7	7	AUDITORIUM DOWNLIGHTS ROW 1-EM	SDA	2	250	500	INC.	X	X			
8	8	AUDITORIUM DOWNLIGHTS ROW 2	SD	5	250	1250	INC.	X				
9	9	AUDITORIUM DOWNLIGHTS ROW 3	SD	3	250	750	INC.	X				
10	10	AUDITORIUM DOWNLIGHTS ROW 3-EM	SD	2	250	500	INC.	X	X			
11	11	MEZZANINE DOWNLIGHTS ROW 4	SE	5	60	300	INC.	X				
12	12	MEZZANINE DOWNLIGHTS ROW 5	SE	3	60	180	INC.	X				
13	13	MEZZANINE DOWNLIGHTS ROW 5-EM	SE	2	60	120	INC.	X	X			
14	14	MEZZANINE DOWNLIGHTS ROW 6	SE	5	60	300	INC.	X				
15	15	MEZZANINE WALL WASH	SL	4	54	216	FL	X				
16	16	MEZZANINE ENTRANCE-EM	SG2	2	100	200	INC.	X	X			
17	17	AUDITORIUM WALLS	SG	9	250	1500	INC.	X				
18	18	AUDITORIUM WALLS	SG	8	250	1500	INC.	X				
19	19	AUDITORIUM WALLS	SG	6	250	1500	INC.	X				
20	20	AUDITORIUM WALLS	SG	8	250	1500	INC.	X				
21	21	AUDITORIUM WALLS	SG	6	250	1500	INC.	X				
22	22	THEATRICAL FIXTURES	SB	1	575	575	INC.	X				
23	23	THEATRICAL FIXTURES	SB	1	575	575	INC.	X				
24	24	THEATRICAL FIXTURES	SB	1	575	575	INC.	X				
25	25	THEATRICAL FIXTURES	SB	1	575	575	INC.	X				
26	26	THEATRICAL FIXTURES	SB	1	575	575	INC.	X				
27	27	THEATRICAL FIXTURES	SB	1	575	575	INC.	X				
28	28	THEATRICAL FIXTURES	SB	1	575	575	INC.	X				
29	29	THEATRICAL FIXTURES	SB	1	575	575	INC.	X				
30	30	SPARE AT CATWALK		1	1000	1000	INC.	X				
31	31	SPARE AT CATWALK		1	1000	1000	INC.	X				
32	32	SPARE AT CATWALK		1	1000	1000	INC.	X				
33	33	AUDITORIUM WALL-TOP COVE	SB, S0	18, 2	55, 24	1038	FL	X				
34	34	AUDITORIUM WALL-BOTTOM COVE-EM	SL, SA	15, 4	32, 25	612	FL	X	X			
35	35	AUDITORIUM WALL	SG2	13	100	1300	INC.	X				
36	36	AUDITORIUM WALL-EM	SG2	4	100	400	INC.	X	X			
37	37	AUDITORIUM DOWNLIGHTS	SF	11	75	825	INC.	X				
38	38	AUDITORIUM DOWNLIGHTS-EM	SF	5	75	375	INC.	X	X			
39	39	AUDITORIUM DOWNLIGHTS	SF	10	75	750	INC.	X				
40	40	MEZZANINE WALL-BOTTOM COVE-EM	SL	8	32	256	FL	X	X			
41	41	MEZZANINE DOWNLIGHTS-EM	SL	12	25	300	INC.	X	X			
42	42	AUDITOR. VESTIBULE WALL-FIRST LEVEL	SL	5	54	270	FL	X				
43	43	AUDITOR. VESTIBULE WALL-SECOND LEVEL	SL	5	54	270	FL	X				
44	44	MEZZANINE WALLWASH AT STAIRS	SG2	2	100	200	INC.	X				
45	45	DIMMER PROCESSOR	N/A	N/A	750	750	N/A	N/A	ND	(CONSTANT ON)		
					TOTAL:	27.34	K W					

CONTROL ROOM CONTROL SCHEDULE

CONTROL PANEL A												
ZONE	CIRCUIT	DESCRIPTION	FXT. TYPE	NO. FXTS./FITURE	WATTS	TOTAL CONNECTED LOAD (WATTS)	LOAD TYPE	CONTROL TYPE	EM. TRAN.	EM. STATUS	CONT. STATUS	
1	1	CONTROL ROOM - RECESSED DOWNLIGHTS	SD	6	70	420	MH	X				
2	2	CONTROL ROOM - RECESSED DOWNLIGHTS	SO	6	70	420	MH	X				
3	3	CONTROL ROOM - RECESSED DOWNLIGHTS	SP	5	100	500	MH	X				
4	4	CONTROL ROOM - WALLWASHERS	SPB	4	40	160	FL	X				
5	5	CONTROL ROOM - WALLWASHERS EM	SPB	2	40	80	FL	X	X			
6	6	CONTROL ROOM - PERIMETER COVE	SO	31	32	992	FL	X				
7	7	CONTROL ROOM - PERIMETER COVE	SOA	2	25	50	FL	X				
8	8	CONTROL ROOM - OVAL COVE	SOA	53	26	1378	FL	X				
9	9	CONTROL ROOM - OVAL COVE	SOA	53	26	1378	FL	X	X			
10	10	OBSERVATORY - RECESSED DOWNLIGHTS	SPA	4	220	880	FL	X				
11	11	OBSERVATORY - RECESSED DOWNLIGHTS	SPA	4	220	880	FL	X				
12	12	OBSERVATORY - WALLWASHERS	SPB	4	40	160	FL	X				
13	13	OBSERVATORY - WALLWASHERS EM	SPB	2	40	80	FL	X	X			
14	14	OBSERVATORY - UNDER BENCH LIGHTING	SOB	8	32	256	FL	X				
15	15	OBSERVATORY - UNDER BENCH LIGHTING	SOC	2	25	50	FL	X				
					TOTAL:	7.88	K W					

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SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM 4 ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PU	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1		CERTIFIED FOR CONSTRUCTION - 12/20/01																									
0		CERTIFIED FOR CONSTRUCTION - 5/15/01																									

RPE
12-17-01
12-17-01

DRW T. WHITE 5/15/01
CHK K.SZOT 5/15/01
DEPT
PE C.L. GARREN 9/6/01
P.J. J. STELLERN 8/21/01
REQ

UTB J.R. LAWSON 9/25/01

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KNIGHT
Knight Advanced Technology

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725

PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
ELECTRICAL LIGHTING
CONTROL SCHEDULES & DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8600		1	1	S	U
51	NC	52	53	WBS	1.83.14					REV
										1