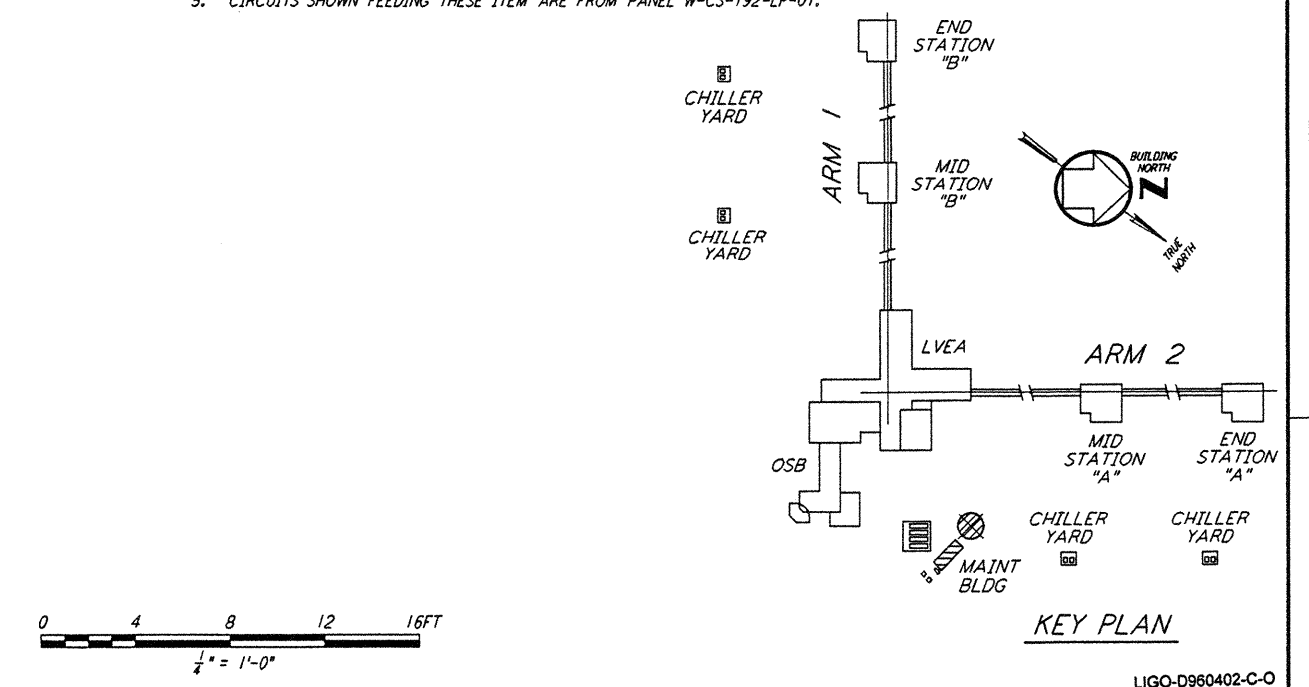


PANEL W-CS-192-RP-01		LOCATION		TOP		MOUNTING SURFACE		VOLTS 208Y/120V	
FED FROM	CKT *	PHASE	WIRE	TRIP	WIRE SIZE	TRIP	WIRE SIZE	POLES	LOAD SERVED
1	F. W. HEAT TRACE (GF)	1	12	20	12	20		2	OUTDOOR (GF)
3	P. W. HEAT TRACE (GF)	3	12	20	12	20		4	RECEPTS RM 192, 196
5	SPARE	5	1	-	20	-	200	6	RECEPTS RM 194
7	SPARE	7	2	-	20	-	720	8	RECEPTS RM 194, 195
9	SPARE	9	-	-	-	-	1800	10	RECEPTS RM 195
11	SPACE	11	-	-	-	-	480	12	HVAC CONTROLS
13		13	-	-	-	-	200	14	
15		15	-	-	-	-	-	16	
17		17	-	-	-	-	-	18	
19		19	-	-	-	-	-	20	
21		21	-	-	-	-	-	22	
23		23	-	-	-	-	-	24	
25		25	-	-	-	-	-	26	
27		27	-	-	-	-	-	28	
29		29	-	-	-	-	-	30	
31		31	-	-	-	-	-	32	
33		33	-	-	-	-	-	34	
35		35	-	-	-	-	-	36	
37		37	-	-	-	-	-	38	
39		39	-	-	-	-	-	40	
41		41	-	-	-	-	-	42	
TOTAL CONNECTED LOAD (VA)		2300	2180	920					
(AMPS)		11.5	10.9	4.2					

PANEL W-CS-192-LP-01		LOCATION		TOP		MOUNTING SURFACE		VOLTS 480Y/277V	
FED FROM	CKT *	PHASE	WIRE	TRIP	WIRE SIZE	TRIP	WIRE SIZE	POLES	LOAD SERVED
1	W-CS-192-RP-01	1	3	10	30			2	LIGHTING RM 192, 196
3		3	-	-	-		5000	4	LIGHTING RM 194
5		5	-	-	-		5000	6	LIGHTING RM 195
7	HEATER W-CS-195-HT-01	7	-	-	30		2000	8	LIGHTING OUTSIDE
9	HEATER W-CS-195-HT-02	9	-	-	-		2600	10	EMERGENCY LIGHTING
11	HEATER W-CS-196-HT-03	11	-	-	-		1500	12	HEATER W-CS-196-HT-04
13	DOSING PUMP	13	3	15			2100	14	SPARE
15		15	-	-	-		2100	16	SPARE
17		17	-	-	-		2100	18	SPARE
19	W-CS-191-AH-05	19	3	12	20		500	20	SPACE
21	W-CS-191-AH-05	21	-	-	-		500	22	SPACE
23	W-CS-191-AH-05	23	-	-	-		500	24	SPACE
25		25	-	-	-		-	26	
27		27	-	-	-		-	28	
29		29	-	-	-		-	30	
31		31	-	-	-		-	32	
33		33	-	-	-		-	34	
35		35	-	-	-		-	36	
37		37	-	-	-		-	38	
39		39	-	-	-		-	40	
41		41	-	-	-		-	42	
TOTAL CONNECTED LOAD (VA)		10224	10530	11182					
(AMPS)		21.3	22.6	24.4					

- NOTES:**
- FOR GENERAL NOTES AND REFERENCE DWG SEE WA-E-103.
  - PANEL W-CS-192-RP-01 SHALL BE SQUARE D CLASS 7400 MINI-POWER-ZONE, INTEGRAL 15KVA 3Ø TRANSFORMER, 12-POLE, TYPE OCB BREAKERS.
  - ALL CIRCUITS SHOWN ON THE LIGHTING PLAN ARE FROM PANEL W-CS-192-LP-01.
  - ALL CIRCUITS SHOWN ON THE POWER PLAN ARE FROM PANEL W-CS-192-RP-01 UNLESS OTHERWISE NOTED.
  - CIRCUITS SHOWN FEEDING THESE ITEM ARE FROM PANEL W-CS-192-LP-01.



NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
C	5-22-96	RAE	JG	JG	TDM	BID ADDENDUM #2
B	4-19-96				TDM	FINAL DESIGN REVIEW & BID
A	10-31-95				TDM	PRELIMINARY DESIGN REVIEW

DRAWN	J. G.
CHECKED	
ENGINEER	
PROJ	

**PARSONS**  
 100 WEST WALNUT STREET  
 PASADENA, CALIFORNIA

**LIGO**  
 CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER  
 GRAVITATIONAL-WAVE OBSERVATORY  
 SITE NO. 1 - HANFORD, WASHINGTON

ELECTRICAL  
 CORNER STATION  
 CHILLER PLANT & MAINT  
 BLDG POWER & LIGHTING PLANS

SCALE: AS NOTED  
 CONTRACT NUMBER: PPI 50969  
 PROJECT NUMBER: 8094

WA-E-113

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 DATE: 05/20/96 TIME: 18:33:47 DESIGN FILE: I:\ligo\site\elec\wa-e-113.d3z