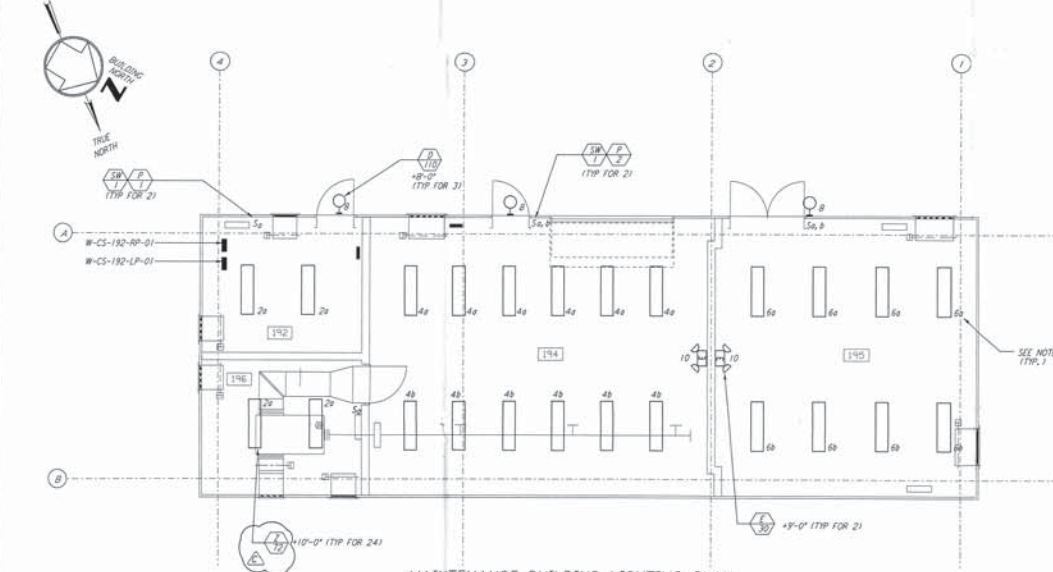


MAINTENANCE BUILDING POWER PLAN
1/4\"/>

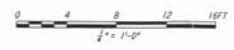
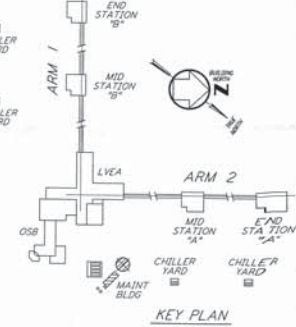


MAINTENANCE BUILDING LIGHTING PLAN
1/4\"/>

PANEL W-CS-192-RP-01		LOCATION	TOP	VOLTS 208Y/120V			
FED FROM		MOUNTING SURFACE		MAIN LUGS			
W-C-S-192-LP-01		PHASE 3	PHASE 2	FEEDER #1 & 2			
W-C-S-192-LP-01		WIRE 3	WIRE 2	BUS 100A			
LOAD SERVED	CIRCUIT	TRIP	WIRE SIZE	PHASE LOAD (VA)			LOAD SERVED
				A	B	C	
F.W. HEAT TRACE (GFI)	1	12	20	-	-	2	OUTDOOR GFI
P.W. HEAT TRACE (GFI)	3	12	20	-	-	4	RECEPTS RM 194, 196
SPACE	8	-	20	-	-	8	RECEPTS RM 194, 195
SPACE	7	-	20	-	-	10	RECEPTS RM 196
SPACE	11	-	20	-	-	12	RECEPTS RM 196
SPACE	12	-	20	-	-	12	HVAC CONTROLS
SPACE	13	-	20	-	-	13	
SPACE	14	-	20	-	-	14	
SPACE	15	-	20	-	-	15	
SPACE	16	-	20	-	-	16	
SPACE	17	-	20	-	-	17	
SPACE	18	-	20	-	-	18	
SPACE	19	-	20	-	-	19	
SPACE	20	-	20	-	-	20	
SPACE	21	-	20	-	-	21	
SPACE	22	-	20	-	-	22	
SPACE	23	-	20	-	-	23	
SPACE	24	-	20	-	-	24	
SPACE	25	-	20	-	-	25	
SPACE	26	-	20	-	-	26	
SPACE	27	-	20	-	-	27	
SPACE	28	-	20	-	-	28	
SPACE	29	-	20	-	-	29	
SPACE	30	-	20	-	-	30	
SPACE	31	-	20	-	-	31	
SPACE	32	-	20	-	-	32	
SPACE	33	-	20	-	-	33	
SPACE	34	-	20	-	-	34	
SPACE	35	-	20	-	-	35	
SPACE	36	-	20	-	-	36	
SPACE	37	-	20	-	-	37	
SPACE	38	-	20	-	-	38	
SPACE	39	-	20	-	-	39	
SPACE	40	-	20	-	-	40	
TOTAL				2382	2168	1328	
TOTAL CONNECTED LOAD (VA)				5400			
LAMPS							

PANEL W-CS-192-LP-01		LOCATION	TOP	VOLTS 480Y/277V			
FED FROM		MOUNTING SURFACE		MAIN LUGS			
W-C-S-192-RP-01		PHASE 3	PHASE 2	FEEDER #1 & 2			
W-C-S-192-LP-01		WIRE 4	WIRE 3	BUS 100A			
LOAD SERVED	CIRCUIT	TRIP	WIRE SIZE	PHASE LOAD (VA)			LOAD SERVED
				A	B	C	
W-C-S-192-RP-01	1	30	20	-	-	1	LIGHTING RM 194, 196
HEATER W-CS-192-H1-03	2	30	20	-	-	2	LIGHTING RM 194
HEATER W-CS-192-H1-02	3	30	20	-	-	3	LIGHTING RM 195
HEATER W-CS-192-H1-01	4	30	20	-	-	4	LIGHTING RM 196
HEATER W-CS-192-H1-03	5	30	20	-	-	5	EMERGENCY LIGHTING
HEATING W-C-S-192-H1-03	11	25	20	-	-	11	HEATER W-C-S-192-H1-04
DOSING PUMP	13	25	20	-	-	13	SPACE
	14	25	20	-	-	14	SPACE
	15	25	20	-	-	15	SPACE
	16	25	20	-	-	16	SPACE
	17	25	20	-	-	17	SPACE
	18	25	20	-	-	18	SPACE
	19	25	20	-	-	19	SPACE
	20	25	20	-	-	20	SPACE
	21	25	20	-	-	21	SPACE
	22	25	20	-	-	22	SPACE
	23	25	20	-	-	23	SPACE
	24	25	20	-	-	24	SPACE
	25	25	20	-	-	25	
	26	25	20	-	-	26	
	27	25	20	-	-	27	
	28	25	20	-	-	28	
	29	25	20	-	-	29	
	30	25	20	-	-	30	
	31	25	20	-	-	31	
	32	25	20	-	-	32	
	33	25	20	-	-	33	
	34	25	20	-	-	34	
	35	25	20	-	-	35	
	36	25	20	-	-	36	
	37	25	20	-	-	37	
	38	25	20	-	-	38	
	39	25	20	-	-	39	
	40	25	20	-	-	40	
	41	25	20	-	-	41	
	42	25	20	-	-	42	
TOTAL				18224	13638	11192	
TOTAL CONNECTED LOAD (VA)				20336			
LAMPS							

- NOTES:
- FOR GENERAL NOTES AND REFERENCE DWG SEE WA-E-103.
 - PANEL W-CS-192-RP-01 SHALL BE SQUARE D CLASS 7400 MAIN-PANEL-ZONE INTEGRAL ISKA 3P TRANSFORMER, 12-POLE, TYPE OOB 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.



REFERENCES				REVISIONS				DRAWN		CHECKED		ENGINEER	
C	5-22-96	EA	377	16	16	16	16	J.G.					
B	4-19-96												
A	10-21-95												

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

AS NOTED PPI 50969 80%
WA-E-113

LIG0-DWG0422-D-0