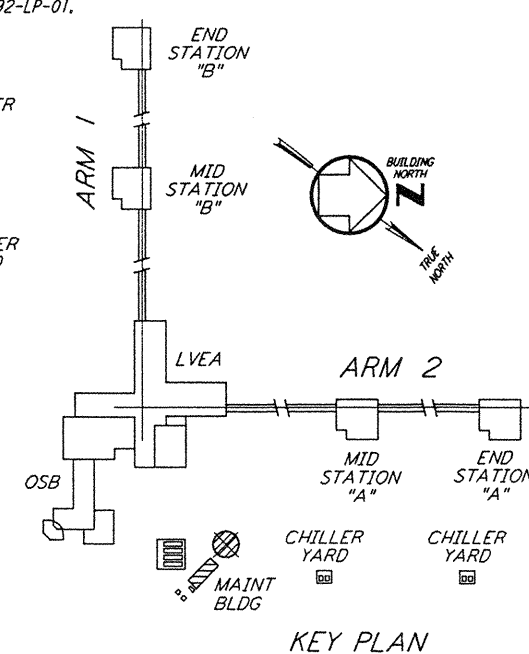
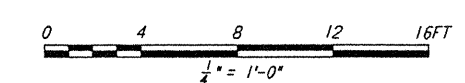
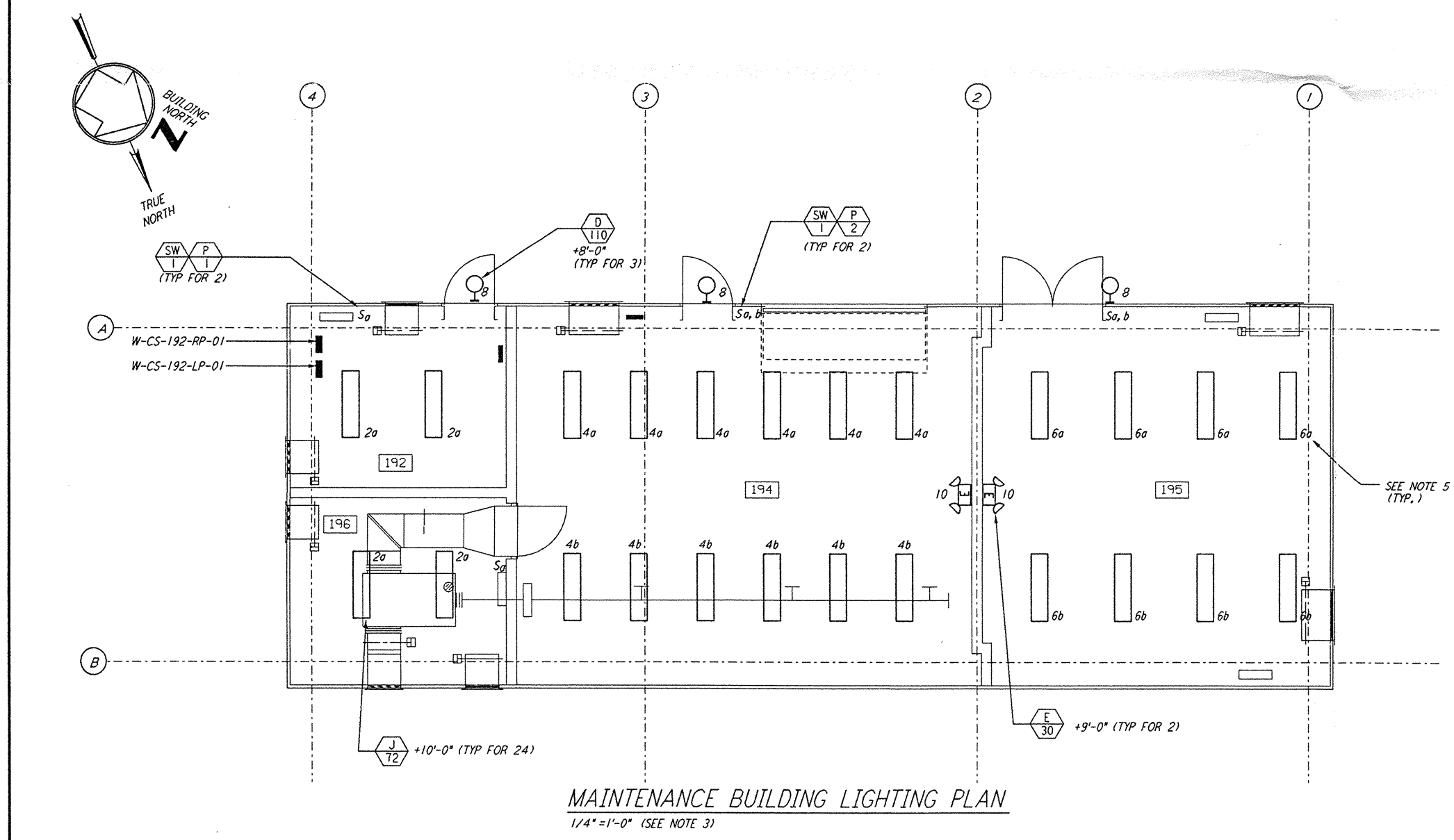


PANEL W-CS-192-RP-01		LOCATION TOP		MOUNTING SURFACE		VOLTS 208Y/120V	
FED FROM	CKT #	PHASE	WIRE	TRIP	WIRE SIZE	TRIP	WIRE SIZE
W-CS-192-LP-01	1, 3, 5	3	3				
LOAD SERVED		PHASE LOAD (VA)		VOLT AMPS		LOAD SERVED	
1	F. W. HEAT TRACE	1	12	20		2	OUTDOOR (GFI)
3	P. W. HEAT TRACE	3	12	20		4	RECEPT RM 192, 196
5	SPARE	5	-	20		6	RECEPT RM 194
7	SPARE	7	2	20		8	RECEPT RM 194, 195
9	SPARE	9	-	20		10	RECEPT RM 195
11	SPACE	11	-	20		12	HVAC CONTROLS
TOTAL		2300		2180	920		
TOTAL CONNECTED LOAD (VA)		5400		(AMPS)			

PANEL W-CS-192-LP-01		LOCATION TOP		MOUNTING SURFACE		VOLTS 480Y/277V	
FED FROM	CKT #	PHASE	WIRE	TRIP	WIRE SIZE	TRIP	WIRE SIZE
W-CS-192-RP-01	TBD	3	4				
LOAD SERVED		PHASE LOAD (VA)		VOLT AMPS		LOAD SERVED	
1	W-CS-192-RP-01	1	3	10	30	2	LIGHTING RM 192, 196
3	SPARE	3	-	-	-	4	LIGHTING RM 194
5	SPARE	5	-	-	-	6	LIGHTING RM 195
7	HEATER W-CS-195-HT-01	7	-	30		8	LIGHTING OUTSIDE
9	HEATER W-CS-195-HT-02	9	-	30		10	EMERGENCY LIGHTING
11	HEATER W-CS-196-HT-03	11	-	30		12	HEATER W-CS-196-HT-04
13	DOSING PUMP	13	3	15		14	SPARE
15	SPARE	15	-	-	-	16	SPARE
17	SPARE	17	-	-	-	18	SPARE
19	W-CS-191-AH-05	19	3	12	20	20	SPACE
21	W-CS-191-AH-05	21	-	-	-	22	SPACE
23	W-CS-191-AH-05	23	-	-	-	24	SPACE
TOTAL		10224		10530	11182		
TOTAL CONNECTED LOAD (VA)		31936		(AMPS)			

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 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.



NO.	DATE	BY	CHKD	ENGR	PRJ	DESCRIPTION
B	4-19-96	J.G.	J.K.	J.H.	TDH	FINAL DESIGN REVIEW & BID
A	10-31-95	J.G.	J.K.	J.H.	TDH	PRELIMINARY DESIGN REVIEW

DRAWN	J.G.
CHECKED	
ENGINEER	
PROJECT	

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
CONTRACT NUMBER
PROJECT NUMBER
SHEET NUMBER
REVISIONS

PP150969
8094
WA-E-113