

PANEL NAME			PANEL L1		
LUSS	225A	4450/1830ND			
FEDBER	120208V, 3 PHASE				
C.B. RATING	22000A				
SUPPLIED LUSS	NO				
FED FROM	SURFACE				
NO. DESCRIPTION	C.B.	C.B.			
1	LTG	ZOAM1	2	LTG	ZOAM1
3	EXT LTS	ZOAM1	6	EMERG	ZOAM1
7	SPACE	ZOAM1	8	SPACE	ZOAM1
9	SPACE	ZOAM1	10	SPACE	ZOAM1
11	SPACE	ZOAM1	12	SPACE	ZOAM1
13	RECOP	ZOAM1	14	RECOP	ZOAM1
16	RECOP	ZOAM1	18	RECOP	ZOAM1
17	DOOR COUNT	ZOAM1			
19	LT+ RECOP	ZOAM1	22	RECOP	ZOAM1
23	SPACE	ZOAM1	24	EXT LTG	ZOAM1
25	SPACE	ZOAM1	28	SPACE	ZOAM1
29	PATCH PANEL	ZOAM1	30	SPACE	ZOAM1
31	HAU-1	ZOAM1	32	SPACE	ZOAM1
33	RECOP	ZOAM1	34	SPACE	ZOAM1
35	SPACE	ZOAM1	38	SPACE	ZOAM1
37	SPACE	ZOAM1	40	SPACE	ZOAM1
39	SPACE	ZOAM1	42	SPACE	ZOAM1
41	SPACE	ZOAM1			

PANEL NAME			PANEL L2		
LUSS	225A	4450/1830ND			
FEDBER	120208V, 3 PHASE				
C.B. RATING	22000A				
SUPPLIED LUSS	YES				
FED FROM	SURFACE				
NO. DESCRIPTION	C.B.	C.B.			
1	LTG	ZOAM1	2	LTG	ZOAM1
3	LTG	ZOAM1	4	SPACE	ZOAM1
5	SPACE	ZOAM1	8	SPACE	ZOAM1
7	SPACE	ZOAM1	10	SPACE	ZOAM1
11	EXT LTS	ZOAM1	12	EMERG	ZOAM1
13	RECOP	ZOAM1	14	RECOP	ZOAM1
15	RECOP	ZOAM1	18	RECOP	ZOAM1
17	RECOP	ZOAM1	20	RECOP	ZOAM1
19	RECOP	ZOAM1	22	FINE ALARM	ZOAM1
21	DOOR COUNT	ZOAM1	22	FINE ALARM	ZOAM1
23	RTU-1	40A3	24	WASHER	50A3
25			28		
27	DRYER	15A2	28	SPACE	ZOAM1
31	SPACE	ZOAM1	32	SPACE	ZOAM1
33	SPACE	ZOAM1	34	SPACE	ZOAM1
35	SPACE	ZOAM1	38	SPACE	ZOAM1
37	SPACE	ZOAM1	40	SPACE	ZOAM1
39	SPACE	ZOAM1	42	SPACE	ZOAM1
41	SPACE	ZOAM1			

PANEL NAME			PANEL L3		
LUSS	225A	4450/1830ND			
FEDBER	120208V, 3 PHASE				
C.B. RATING	10000A				
SUPPLIED LUSS	NO				
FED FROM	PANEL L2				
NO. DESCRIPTION	C.B.	C.B.			
1	LTG	ZOAM1	2	LTG	ZOAM1
3	LTG	ZOAM1	4	SPACE	ZOAM1
5	SPACE	ZOAM1	8	SPACE	ZOAM1
7	SPACE	ZOAM1	10	SPACE	ZOAM1
9	SPACE	ZOAM1	12	EMERG	ZOAM1
11	EXT LTS	ZOAM1	14	RECOP	ZOAM1
13	RECOP	ZOAM1	16	RECOP	ZOAM1
15	RECOP	ZOAM1	18	RECOP	ZOAM1
17	RECOP	ZOAM1	20	RECOP	ZOAM1
19	RECOP	ZOAM1	22	EF-3	ZOAM1
21	RECOP	ZOAM1	24	WASHER	50A3
23	RTU-2	40A3	24	WASHER	50A3
25			28		
27	DRYER	15A2	28	SPACE	ZOAM1
31	SPACE	ZOAM1	32	SPACE	ZOAM1
33	SPACE	ZOAM1	34	SPACE	ZOAM1
35	SPACE	ZOAM1	38	SPACE	ZOAM1
37	SPACE	ZOAM1	40	SPACE	ZOAM1
39	SPACE	ZOAM1	42	SPACE	ZOAM1
41	SPACE	ZOAM1			

PANEL NAME			PANEL L4		
LUSS	225A	4450/1830ND			
FEDBER	120208V, 3 PHASE				
C.B. RATING	10000A				
SUPPLIED LUSS	NO				
FED FROM	SURFACE				
NO. DESCRIPTION	C.B.	C.B.			
1	LTG	ZOAM1	2	LTG	ZOAM1
3	LTG	ZOAM1	4	LTG	ZOAM1
5	LTG	ZOAM1	6	SPACE	ZOAM1
7	SPACE	ZOAM1	8	SPACE	ZOAM1
9	SPACE	ZOAM1	10	SPACE	ZOAM1
11	EXT LTS	ZOAM1	12	EMERG	ZOAM1
13	RECOP	ZOAM1	14	RECOP	ZOAM1
15	RECOP	ZOAM1	16	RECOP	ZOAM1
17	RECOP	ZOAM1	18	RECOP	ZOAM1
19	RECOP	ZOAM1	20	RECOP	ZOAM1
21	RECOP	ZOAM1	22	RECOP	ZOAM1
23	RECOP	ZOAM1	24	RECOP	ZOAM1
25	RECOP	ZOAM1	26	EF-3	ZOAM1
27	RTU-3	60A3	28	CONDENSER	25A3
29			30		
31	SPACE	ZOAM1	32	SPACE	ZOAM1
33	SPACE	ZOAM1	34	SPACE	ZOAM1
35	SPACE	ZOAM1	38	SPACE	ZOAM1
37	SPACE	ZOAM1	39	SPACE	ZOAM1
39	SPACE	ZOAM1	40	SPACE	ZOAM1
41	SPACE	ZOAM1	42	SPACE	ZOAM1

FIXTURE SCHEDULE				
TYPE	MANUFACTURER	CATALOG NO.	LAMPS	MFG. & DESCRIPTION
A	COLUMBIA	WCV-4232-E	2-F02378 SYL OCTRON	SURFACE - W/8494ROUND
A1	COLUMBIA	PM-122875A-19	2-F02378 SYL OCTRON	SURFACE
A2	2-F02378 SYL OCTRON	SURFACE - 4 STRIP
B	COLUMBIA	BL-2323-117-EP	2-F02378 SYL OCTRON	SURFACE
C	PRESCOUTE	CFSC8818EB-WH- WH-STC8818HW	1-F01778 SYL OCTRON	SURFACE
C1	ALERA	WHM4-278-FER-FW-E-MW	2-F02378 SYL OCTRON	SURFACE - 2" ABOVE MIRROR TO BOTTOM OF FIXTURE
C2	ALERA	WHM8-278-FER-FW-E-MW	4-F02378 SYL OCTRON	SURFACE - 2" ABOVE MIRROR TO BOTTOM OF FIXTURE
D	2-F01778 SYL OCTRON	SURFACE - 2 STRIP
E	PRESCOUTE	SLED93WH	9W/LED	RECESSED IN WALL
F	COLUMBIA	STP-14232-WPO-ST-E	2-F02378 SYL OCTRON	SURFACE
F1	PRESCOUTE	TBXC-T058F	32W/TT	RECESSED
F2	PRESCOUTE	CFSC8818EB-WH- WH-STC8818HW	2-28W/Q	RECESSED
G	COLUMBIA	VM-N-4232-E	2-F02378	SURFACE
H	COLUMBIA	UC-9125-E	1-F02378	SURFACE - UNDER CABINET
I	OMITTED			
J	HUBBELL	LCC-5989-3	1-50W/WH	SURFACE
J1	J	S-L4-G-LED-98L	30 LED	RECESSED
K	PRESCOUTE	TBXC-TL-2	1-28W/TT	RECESSED
L	OMITTED			
M	OMITTED			
N	COLUMBIA	M46-3-4-25-F75E	4-F02378	RECESSED
N1	ALERA	PTL-5-4-278-F75T-CM	2-F02378	PENDING
O	OMITTED			
P	PRESCOUTE	18XWH-7880	1-150W/PARK 38	RECESSED

CONDUIT AND/OR WIRING RUN CONCEALED - ARROW DENOTES HORIZONTAL TO PANEL - HASHMARKS DENOTE NUMBER OF WIRES OTHER THAN TWO

CONDUIT AND WIRING RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE

DC WIRING FOR EMERGENCY LIGHTING - SIZED AS REQ'D

LIGHTING AND POWER PANEL

FLUORESCENT FIXTURE

LIGHTING FIXTURE - WALL OUTLET

LIGHTING FIXTURE - CEILING OUTLET

RECESSED FIXTURE

SINGLE POLE SWITCH

THREE WAY SWITCH

FOUR WAY SWITCH

DIMMER SWITCH

THERMAL OVERLOAD SWITCH

DUPLX CONVENIENCE OUTLET 18" AFF EXCEPT AS NOTED

DUPLX CONVENIENCE OUTLET 44" AFF

DUPLX CONVENIENCE - MOUNTED IN FLUSH FLOOR BOX

TELEVISION OUTLET - WALL TYPE MOUNTED 18" AFF EXCEPT AS NOTED - VOICE/DATA OUTLET - WALL TYPE MOUNTED 18" AFF EXCEPT AS NOTED - RUN 3/4" CONDUIT FROM BOX TO ACCESSIBLE CEILING

2" DENOTES DOUBLE JACK - 1" DENOTES QUAD.

VOICE/DATA OUTLET - MOUNTED IN FLUSH FLOOR BOX

UPPER CASE LETTERS, LOWER CASE LETTERS DENOTES SWITCH CONTROL

LEGEND

- ① JUNCTION BOX - SIZED AS REQUIRED
- ②/③ ELECTRIC MOTOR - NUMBER INDICATED H.P.
- DISCONNECT SWITCH - FUSED AS REQUIRED
- ELECTRIC MOTOR CONTROLLER
- EMERGENCY LIGHTING UNIT W/RECORD HEADS AS SHOWN - MOUNTED SO TOP OF HEADS ARE 6" BELOW CEILING
- EMERGENCY LIGHTING BATTERY UNITS - MULTIPLE UNITS AS REQ'D
- EXIT LIGHTING UNIT - WALL OUTLET
- EXIT LIGHTING UNIT - CEILING OUTLET
- EXIT LIGHTING UNIT - CEILING OUTLET
- ARROWS AS SHOWN
- FIRE ALARM MANUAL STATION
- FIRE ALARM HORN AND LIGHT UNIT - MOUNT 8" AFF EXCEPT NO CLOSER THAN 6" TO CEILING
- FIRE ALARM VISUAL UNIT - BUILDING SYSTEM
- SMOKE DETECTOR - "D" DENOTES DUCT TYPE
- CARBON MONOXIDE DETECTOR
- ③ FIRE ALARM THERMAL DETECTOR - COMBINATION
- AFI ABOVE FINISH FLOOR
- AFG ABOVE FINISH GRADE
- DD DOUBLE DUPLX
- GFI GROUND FAULT INTERRUPTER
- EF EXHAUST FAN
- WP WEATHERPROOF
- UH UNIT HEATER
- PC PARTIAL CIRCUIT
- SS SURFACE PLUG STRIP
- ⑩ SPECIAL PURPOSE OUTLET - SIZED AS REQUIRED
- SS FIRE ALARM HORN AND LIGHT UNIT - MOUNT 8" AFF EXCEPT NO CLOSER THAN 6" TO CEILING - SINGLE STATION SYSTEM
- SS FIRE ALARM VISUAL UNIT - SINGLE STATION SYSTEM
- ⑨ SMOKE DETECTOR - SINGLE STATION SYSTEM

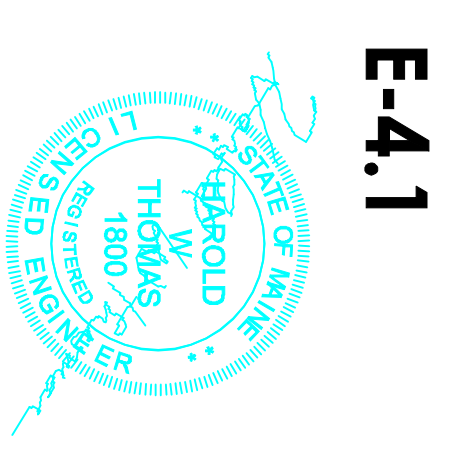
GENERAL NOTES

1. ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES AND THE N.E.C.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR BALANCING THE LOAD ON THE PANELS.
3. SWITCHES SHALL BE MOUNTED 4" TO TOP OF PLATE. SWITCHES SHOWN IN SAME AREA SHALL BE GANGED UNDER A COMMON PLATE. LOCATE SWITCHES AS CLOSE AS POSSIBLE TO EDGE OF DOOR FRAME ON LOOKSIDE.
4. MINIMUM WIRE SIZE SHALL BE #12AWG COPPER. ALL REFERENCE TO WIRE SIZE IS INTENDED AS COPPER. CIRCUIT BREAKER SIZE (AS PER PANEL SCHEDULE) SHALL DICTATE WIRE SIZE OF ALL CONDUCTIONS.
5. THE ENTIRE ELECTRICAL SYSTEM SHALL BE GROUNDED BY MEANS OF A SEPARATE GROUND CONDUCTOR. CONDUIT SHALL NOT BE CONSIDERED A GROUND CONDUCTOR. ALL GROUNDING SHALL BE PERMITTED BY THE NATIONAL ELECTRICAL CODE (NEC).
6. THIS CONTRACTOR SHALL COORDINATE WITH OTHER TRADES WHERE EQUIPMENT AND/OR DEVICES ARE FURNISHED BY OTHER TRADES AND WIRED WHOLLY OR IN PART BY THIS CONTRACTOR SO AS TO ACHIEVE A COMPLETE AND OPERATING SYSTEM.
7. ALL HOLE/URNS TO PANEL IN EXCESS OF 100 FEET SHALL BE AT LEAST #10AWG COPPER.
8. OUTLETS OR JUNCTION BOXES MOUNTED BACK TO BACK SHALL BE PROHIBITED.
9. PROVIDE 2-1/2" EMPTY FROM EACH RECESSED PANEL EXTENDED TO ACCESSIBLE CEILING SPACE ABOVE EACH PANEL OR TO BOX (0 AFF IF NO CEILING CAP FOR FUTURE USE)
10. OUTLETS BACK TO BACK WITHIN 24 INCHES OF EACH OTHER IN FIRE RATED WALLS SHALL BE ENCASED WITH FIRE RATED BACKER.
11. THIS CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF FIRE RATED WALLS BY SEPARATING ALL CONDUIT WHICH PASSES THROUGH SUCH WALLS WITH AN APPROVED FIRE RATED SEALANT.
12. THIS CONTRACTOR SHALL VERIFY MOUNTING HEIGHTS FOR ALL OUTLETS. COORDINATE RECEPTIONS CAREFULLY PRIOR TO INSTALLATION.
13. ALL HWY. SCHEMATICS SHOWN ARE DIAGRAMMATICAL ONLY. REFER TO EQUIPMENT AND CONTROL MANUFACTURER'S SHOP DRAWINGS FOR EXACT DIMENS.
14. ALUMINUM CABLES SHALL BE THREADED WITH COMPRESSION FITTINGS. USE ANTI-OXIDE PASTE.
15. DIAGRAMS DO NOT NECESSARILY SHOW ALL ITEMS INCLUDED IN THE SYSTEM. REFER TO FLOOR PLANS, ETC., FOR COMPLETE SYSTEM.
16. LOCATION OF ALL LIGHTING FIXTURES, RECEPTIONS, TELEPHONE OUTLETS, ETC. SHALL BE CONFIRMED AND VERIFIED FROM ARCHITECTURAL DRAWINGS, I.E. ELEVATIONS, SECTIONS, REFLECTED CEILINGS, ETC.
17. DISCONNECT, REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL EQUIPMENT, FEEDERS, AND BRANCH CIRCUITS WHICH AFFECT OR ARE AFFECTED BY THE NEW CONSTRUCTION.
18. THE DRAWINGS ARE INTENDED TO SHOW THE GENERAL CHARACTERISTICS OF THE EXISTING OUTLETS AND WIRING. I.E. EXACT LOCATIONS ARE NOT NECESSARILY SHOWN ON THE DRAWINGS. THIS CONTRACTOR SHALL ADVISE THIS WORK AS REQUIRED FOR ANY LOCAL EXISTING CONDITIONS.
19. ALL ELECTRICAL EQUIPMENT THAT IS NOT TO BE REUSED WITH THE NEW CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THIS WORK SHALL BE VERIFIED BY THE ARCHITECT PRIOR TO ANY WIRING EXPENSE.
20. PRIOR TO INSTALLING NEW WIRING DEVICES COORDINATE WITH THE ARCHITECT. ALLOW DEVICE LOCATIONS TO BE RELOCATED IF FEELT NECESSARY.
21. MODIFY ALL PANEL DIRECTIONS TO DESIGNATE ALL NEW OR RELOCATED LOADS AND SPARE CIRCUIT BREAKERS.
22. ALL EXPOSED WIRING IN FINISHED AREAS SHALL BE IN WIREMOLD (OR APPROVED EQUAL).
23. THE LIGHTING FIXTURE SCHEDULE SHALL NOT BE THE SOLE LIGHTING REFERENCE. ALL OUTLET SWITCH, JUNCTION BOXES, ETC., IN EXTERIOR WALLS SHALL BE MOUNTED ON A LEASO BOX AND SHALL ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
24. ALL OUTLET SWITCH, JUNCTION BOXES, ETC., IN EXTERIOR WALLS SHALL BE MOUNTED ON A LEASO BOX AND SHALL ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

TEEN SHELTER
38 PREBLE STREET
ELECTRICAL
DETAILS AND
SCHEDULES

Owner:
Preble Street
18 Portland Street
Portland, Maine 04104

Architect:
James Sheffing, AIA
Architect
142 High Street
Portland, Maine



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