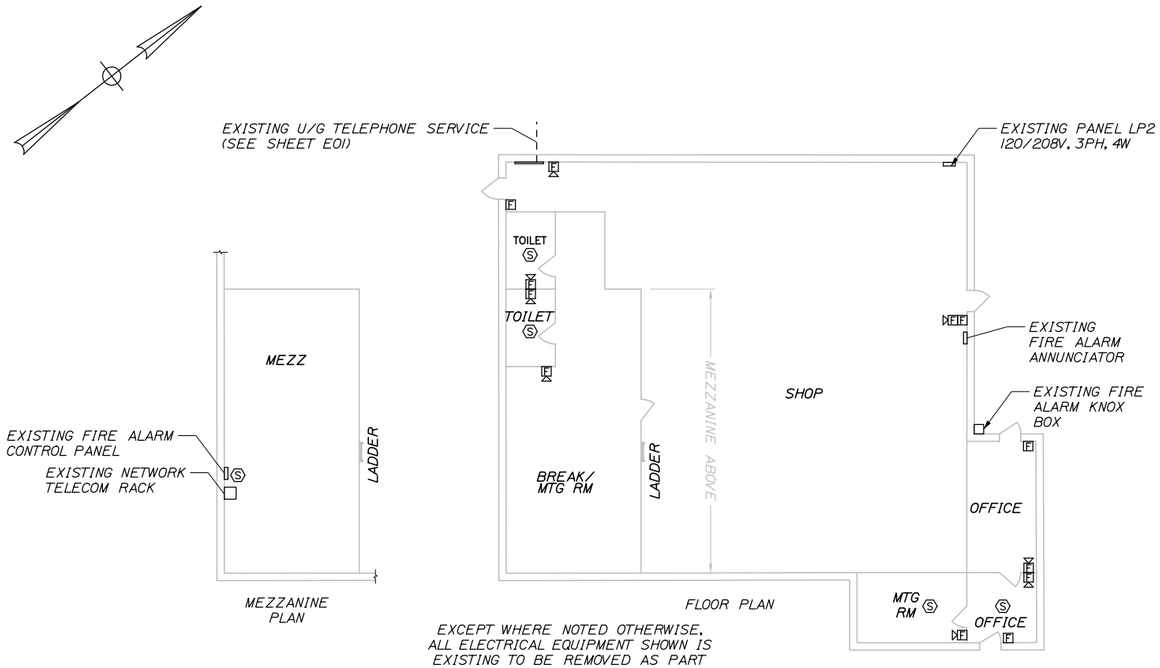
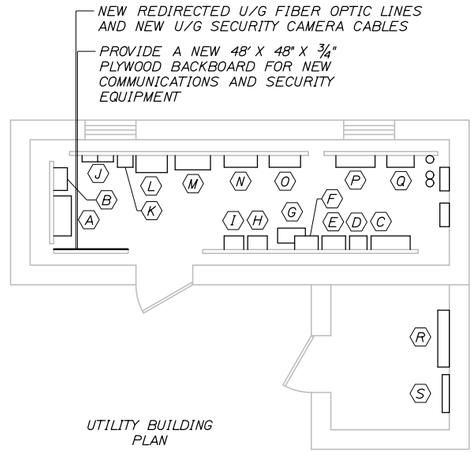
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET, BATH, ME 04530
TEL (207) 443-5447 FAX (207) 443-5560



EXCEPT WHERE NOTED OTHERWISE, ALL ELECTRICAL EQUIPMENT SHOWN IS EXISTING TO BE REMOVED AS PART OF THE BUILDING DEMOLITION

- (A) TRANSFER SWITCH
- (B) PANEL SPP-1 277/480V, 3PH, 4W, 225A
- (C) SERVICE BOX
- (D) SERVICE METER, PANEL PP1
- (E) SERVICE METER, TRUCK HEATER
- (F) 200A FUSED SWITCH TRUCK HEATER
- (G) TRANSFORMER
- (H) SERVICE METER, PANEL SPP-1
- (I) 200A FUSED SWITCH PANEL SPP-1
- (J) LIGHTING CONTACTORS 1 & 2
- (K) 200A FUSED SWITCH
- (L) 50KVA TRANSFORMER
- (M) PANEL PP2 277/480V, 3PH, 4W, 1200A
- (N) CT CABINET
- (O) SERVICE METER
- (P) PANEL PP1 277/480V, 3PH, 4W, 400A
- (Q) PANEL SPP-2 277/480V, 3PH, 4W
- (R) PANEL MDP-1 277/480V, 3PH, 4W
- (S) PANEL MDP-2 277/480V, 3PH, 4W

EXCEPT WHERE NOTED OTHERWISE, ALL ELECTRICAL EQUIPMENT SHOWN IS EXISTING TO REMAIN



UTILITY BUILDING PLAN

NOTES:

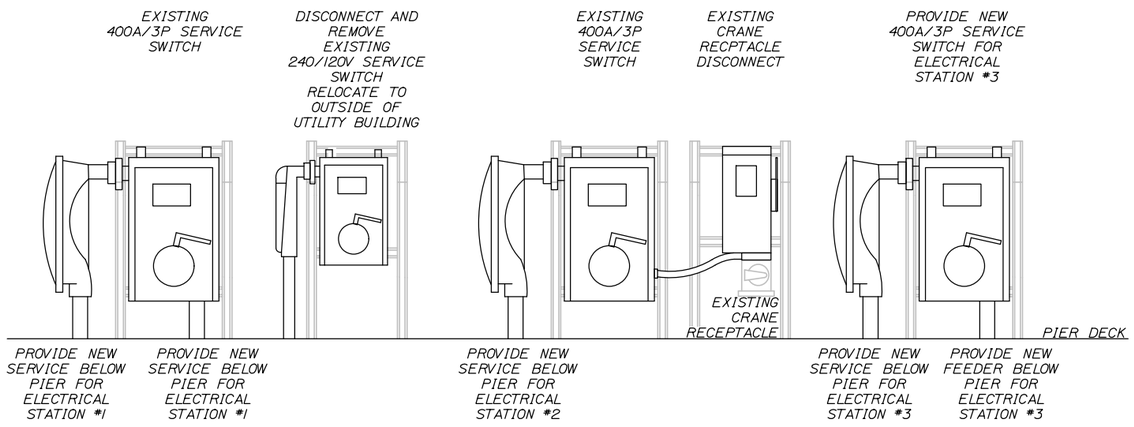
1. RE-ROUTE THE EXISTING 120/240V SECONDARY WIRING FROM TRANSFORMER "L" THAT PRESENTLY SERVES AS A SWITCH AT THE PIER TO THE RELOCATED SWITCH IMMEDIATELY OUTSIDE THE UTILITY BUILDING.

2. DISCONNECT AND REMOVE THE FOUR EXISTING 25A/3P CIRCUIT BREAKERS IN EXISTING PANEL PP-2 (ITEM M). REPLACE BREAKERS WITH A NEW 400A/3P CIRCUIT BREAKER TO SERVE THE NEW ELECTRICAL FEEDER FOR THE NEW ELECTRICAL STATION #3 ON THE PIER. THE NEW CIRCUIT BREAKER SHALL BE LISTED BY SIEMENS AS BEING COMPATIBLE WITH THE EXISTING PANEL AND SHALL HAVE AN EQUAL, OR HIGHER, SHORT CIRCUIT RATING.

3. DISCONNECT AND REMOVE THE EXISTING ELECTRICAL FEEDER FROM THE 250A/3P CIRCUIT BREAKER SERVING REEFER OUTLET PEDESTAL #8 IN EXISTING PANEL MDP-2 (ITEM S). CONNECT THE NEW ELECTRICAL FEEDER SERVING THE RELOCATED REEFER OUTLET PEDESTAL #8.

EXISTING MAINTENANCE BUILDING ELECTRICAL REMOVAL PLAN

SCALE: 3/32" = 1'-0"

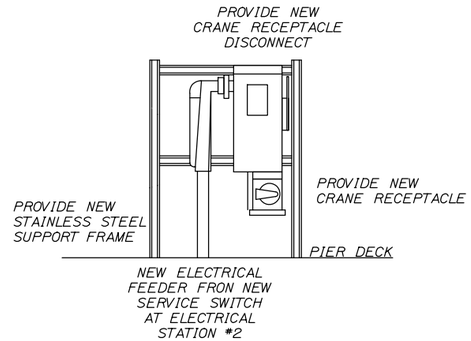


ELECTRICAL STATION #2 ELEVATION

N.T.S.

EXISTING UTILITY BUILDING PLAN

SCALE: 1/4" = 1'-0"



ELECTRICAL STATION #3 ELEVATION

N.T.S.

99% DESIGN
December 15, 2017

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP 2194(206)
WIN 021942.06

PROJ. MANAGER	L. Bartlett
DESIGN-DETAILED	L. Bartlett
CHECKED-REVIEWED	L. Bartlett
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BY	DATE
JLC	12\17
L. Bartlett	12\17

SIGNATURE
P.E. NUMBER
DATE

PORTLAND INTERNATIONAL MARINE TERMINAL
MAINE INTERMODAL PORT PRODUCTIVITY PROJECT
WHARF INFILL & BUILDING REMOVAL
CUMBERLAND COUNTY
PORTLAND

ELECTRICAL DETAILS

SHEET NUMBER
E02
21 OF 21

Filename: 021_Electrical Plan (E02).dgn Division: Username: Date:12/15/2017