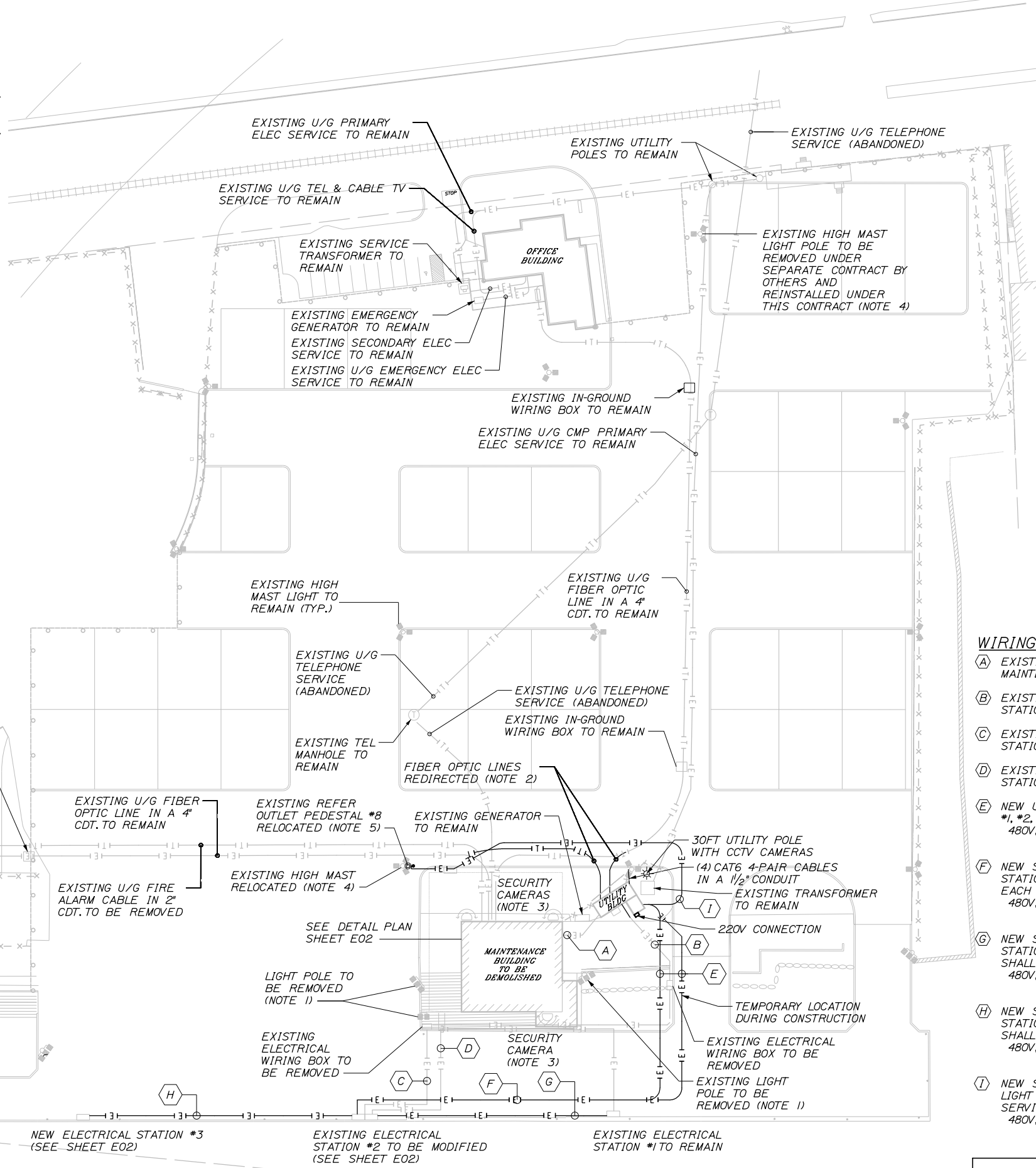


NOTES:

- WHERE INDICATED, EXISTING LIGHTING POLE SHALL BE REMOVED AND DELIVERED TO THE OWNER IN WORKING CONDITION. THE REMOVAL SHALL INCLUDE THE LUMINAIRES, LIGHTING POLES, LIGHTING POLE CONCRETE FOUNDATION BASES, AND ALL ASSOCIATED WIRING.
- AN EXISTING 12-STRAND MULTI-MODE FIBER OPTIC CABLE PRESENTLY EXTENDS UNDERGROUND FROM THE PORT OFFICE BUILDING TO SWITCHING EQUIPMENT LOCATED IN THE EXISTING MAINTENANCE BUILDING. THE EXISTING FIBER OPTIC CABLE IS THEN EXTENDED FROM THE EXISTING MAINTENANCE BUILDING UNDERGROUND TO TERMINATION EQUIPMENT IN THE RUBB BUILDING. UNDER THIS CONTRACT, PRIOR TO DEMOLITION OF THE MAINTENANCE BUILDING, DISCONNECT THE FIBER OPTIC CABLES AT THE MAINTENANCE BUILDING AND REDIRECT THEM UNDERGROUND TO NEW SWITCHING EQUIPMENT TO BE LOCATED IN THE EXISTING UTILITY BUILDING. ROUTE THE REDIRECTED EXISTING FIBER OPTIC CABLES IN NEW 4-INCH CONDUIT AS NECESSARY. NEW SWITCHING EQUIPMENT AND FIBER OPTIC CABLE TERMINATIONS WILL BE PROVIDED UNDER SEPARATE CONTRACT BY OTHERS.
- WHERE INDICATED, RELOCATE EXISTING SECURITY SURVEILLANCE CAMERAS TO LOCATIONS AS DIRECTED BY THE OWNER. PROVIDE 4PR CAT6 CABLE FROM EACH CAMERA TO A NEW 48-PORT WIRING PATCH PANEL TO BE LOCATED INSIDE THE EXISTING UTILITY BUILDING TO WHICH THE CAMERA IS MOUNTED. PROVIDE SIX FEET OF SLACK CABLE AT EACH END FOR TERMINATION BY OTHERS.
- WHERE INDICATED, AN EXISTING HIGH MAST LIGHT POLE, AND THE EXISTING CONCRETE FOUNDATION BASE, WILL BE REMOVED UNDER A SEPARATE CONTRACT WITH THE OWNER AND WILL BE STORED ON SITE. UNDER THIS CONTRACT, PROVIDE THE REINSTALLATION OF THE HIGH MAST LIGHTING POLE WITH ITS FOUNDATION BASE AT THE LOCATION INDICATED ON THE PLAN. PROVIDE 4 * 6 CONDUCTORS IN A 1-1/2" UNDERGROUND CONDUIT TO THE EXISTING SITE LIGHTING PANEL LOCATED IN THE EXISTING UTILITY BUILDING. CIRCUIT THE TWO METAL HALIDE LUMINAIRES TO CIRCUIT * 9, II. CIRCUIT THE SINGLE HIGH PRESSURE SODIUM LUMINAIRE TO CIRCUIT * 10, I, 2.
- WHERE INDICATED, AN EXISTING REFER OUTLET PEDESTAL STATION WILL BE REMOVED UNDER A SEPARATE CONTRACT WITH THE OWNER AND WILL BE STORED ON SITE. UNDER THIS CONTRACT, PROVIDE THE REINSTALLATION OF THE REFER OUTLET PEDESTAL STATION WITH A NEW FOUNDATION BASE AT THE LOCATION INDICATED ON THE PLAN.
- WHERE INDICATED, PROVIDE A STAINLESS STEEL TRAPEZE HANGER SYSTEM FOR CONDUITS TO BE INSTALLED BELOW THE PIER. HANGER SYSTEM SHALL CONSIST OF STAINLESS STEEL CHANNEL WITH STAINLESS STEEL HANGER RODS AND STAINLESS STEEL FITTINGS.
- CONNECT THE NEW ELECTRICAL SERVICE FOR THE RELOCATED REEFER OUTLET PEDESTAL #8 TO THE EXISTING 250A/3P CIRCUIT BREAKER IN EXISTING PANEL MDP-2 IN THE UTILITY BUILDING.



WIRING NOTES:

- (A) EXISTING UNDERGROUND SECONDARY SERVICE TO MAINTENANCE BUILDING TO BE REMOVED.
- (B) EXISTING SECONDARY ELECTRICAL SERVICES TO ELECTRICAL STATIONS #1 AND #2 TO BE REMOVED.
- (C) EXISTING SECONDARY ELECTRICAL SERVICE TO ELECTRICAL STATION #2 TO BE REMOVED.
- (D) EXISTING SECONDARY ELECTRICAL SERVICE TO ELECTRICAL STATION #1 TO BE REMOVED.
- (E) NEW UNDERGROUND SERVICES FOR ELECTRICAL STATIONS #1, #2, AND #3. EACH SERVICE SHALL BE:
 480V, 3PH 3-500MCM, #1/0 CU GND,
 ALL IN A 4" CDT.
- (F) NEW SECONDARY ELECTRICAL SERVICES FOR ELECTRICAL STATIONS #1, #2, AND #3 INSTALLED UNDER PIER (NOTE 6). EACH SERVICE SHALL BE:
 480V, 3PH 3-500MCM CU, #1/0 CU GND,
 ALL IN A 4" CDT.
- (G) NEW SECONDARY ELECTRICAL SERVICE FOR ELECTRICAL STATION #1 INSTALLED UNDER PIER (NOTE 6). SERVICE SHALL BE:
 480V, 3PH 3-500MCM CU, #1/0 CU GND,
 ALL IN A 4" CDT.
- (H) NEW SECONDARY ELECTRICAL SERVICE FOR ELECTRICAL STATION #3 INSTALLED UNDER PIER (NOTE 6). SERVICE SHALL BE:
 480V, 3PH, 3-500MCM CU, #1/0 CU GND,
 ALL IN A 4" CDT.
- (I) NEW SECONDARY ELECTRICAL SERVICE FOR HIGH MAST LIGHT AND REEFER OUTLET PEDESTAL #8 (NOTE 7). SERVICE SHALL BE:
 480V, 3PH, 3-250MCM CU, #2 CU GND,
 ALL IN A 4" CDT.

SITE PLAN
 SCALE: 1" = 40'-0"

99% DESIGN
 December 15, 2017

Date: 12/15/2017

Username:

Division:

Filename: 020_Electrical Plan (E01).dgn

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP 2194(206)		WIN 021942.06	
DATE	BY	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	SIGNATURE
12/17	L. Bartlett	L. Bartlett	L. Bartlett		
PORTLAND INTERNATIONAL MARINE TERMINAL MAINE INTERMODAL PORT PRODUCTIVITY PROJECT WHARF INFILL & BUILDING REMOVAL CUMBERLAND COUNTY		ELECTRICAL SITE PLAN			
SHEET NUMBER					
E01					
20 OF 21					