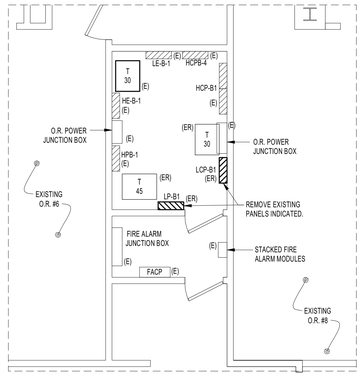
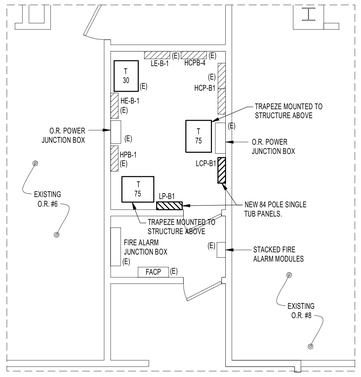
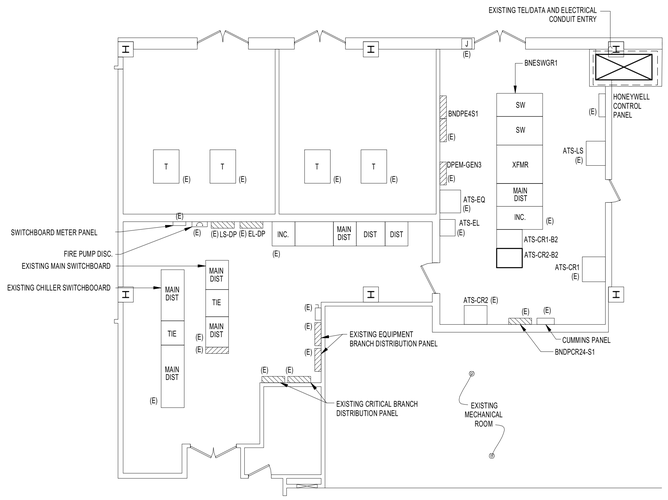


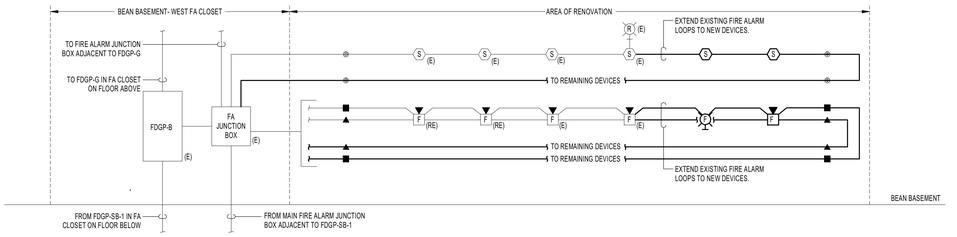

5 ELECTRIC ROOM DEMOLITION POWER PART PLAN
SCALE: 1/4" = 1'-0"




4 ELECTRIC ROOM NEW WORK POWER PART PLAN
SCALE: 1/4" = 1'-0"




6 EXISTING BEAN SUB-BASEMENT ELECTRIC ROOM PART PAN
SCALE: NTS

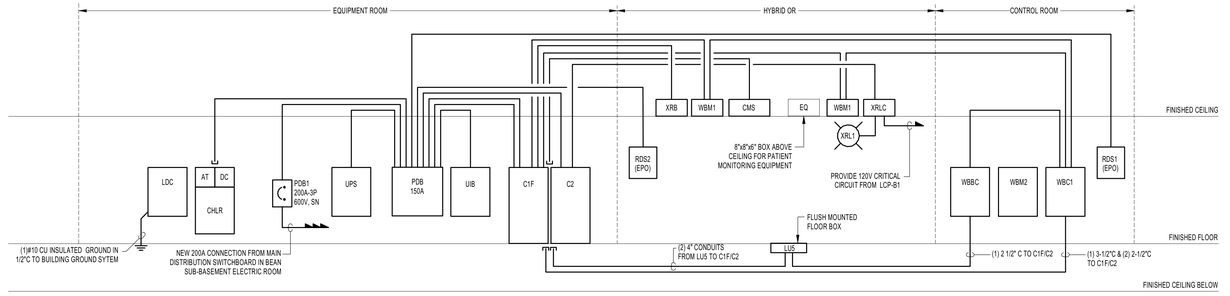



1 PARTIAL FIRE ALARM RISER DIAGRAM
SCALE: NTS

## RISER DIAGRAM NOTES:

## FIRE ALARM WIRING LEGEND:

- CLASS "A" ADDRESSABLE SIGNAL CIRCUIT
- CLASS "A" AUDIO EVAC. CIRCUITS
- CLASS "A" STROBE/HANDICAP LIGHT
- INDICATES CONTINUATION OF WIRING TYPE




2 ELECTRICAL HYBRID OR EQUIPMENT DIAGRAM
SCALE: NTS

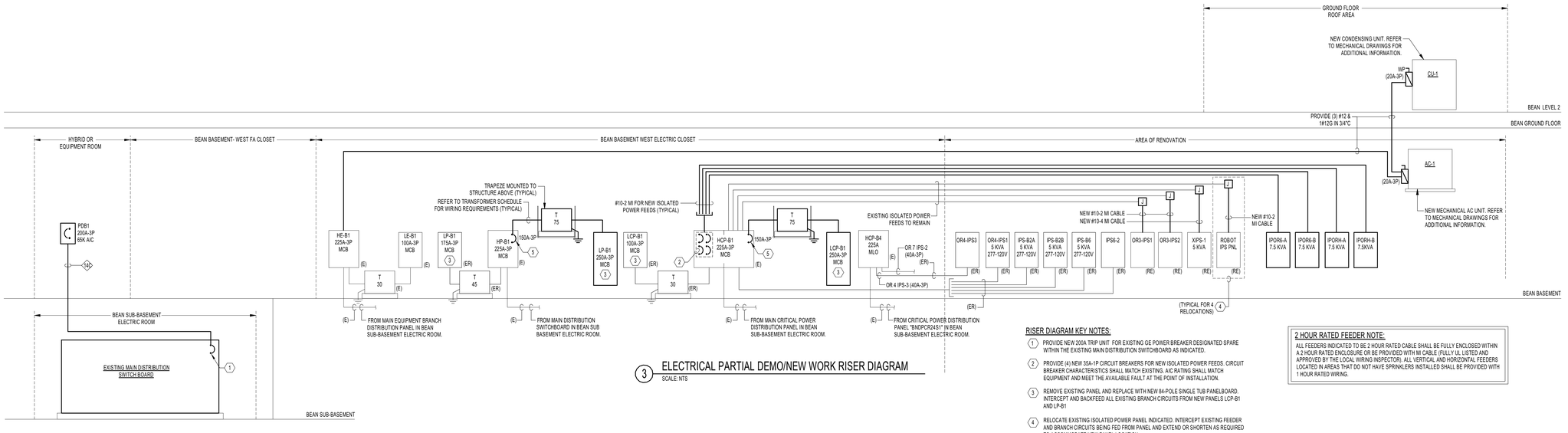
## EQUIPMENT DIAGRAM GENERAL NOTES:

1. ADDITIONAL REQUIREMENTS ARE SHOWN ON SITE SPECIFIC EQUIPMENT GE INSTALLATION DRAWINGS. CONTRACTOR SHALL PROVIDE AND INSTALL ITEMS, INCLUDING ALL WIRING, RACEWAYS, LIGHTS, INTERLOCKS, CABLING, CABLE TRAY, ETC. AS INDICATED ON THE EQUIPMENT VENDOR'S DRAWINGS. WORK ON VENDOR DRAWINGS SHALL BE COORDINATED BY THE ELECTRICAL CONTRACTOR AND INCLUDED IN ADDITION TO WORK, DEVICES, WIRING, ETC. AS SHOWN ON THESE DRAWINGS.

## EQUIPMENT DIAGRAM LEGEND:

| | |
|---|---|
| AT - CODLIX 4100 AUTO TRANSFORMER | CHLR - CODLIX 4100 WATER CHILLER |
| DC - DETECTOR CHILLER | RDS1 - EMERGENCY POWER OFF BUTTON (EPO) |
| C2 - ATLAS EQUIPMENT CABINET | RDS2 - EMERGENCY POWER OFF BUTTON (EPO) |
| C1F - ATLAS EQUIPMENT CABINET | XRL1 - "X-RAY ON" WARNING LIGHT |
| UIB - UPS INTERFACE BOX | XRLC - WARNING LIGHT CONTROLLER |
| LU5 - INNOVIA IQ TABLE | WBC1 - OPERATORS CONSOL |
| LDC - | WBBC - BOLUS CHASE HAND SWITCH |
| UPS - UPS CABINET | WBM1 - VENDOR ROOM WITH LAMP / MONITOR |
| CMS - CABLE MANAGEMENT SYSTEM | WBM2 - 19" DESK TOP MONITOR |

* INFORMATION SHOWN FOR REFERENCE ONLY. COORDINATE ALL REQUIREMENTS WITH VENDOR INSTALLATION DRAWINGS. REFER TO EQUIPMENT DIAGRAM GENERAL NOTES FOR ADDITIONAL INFORMATION.




3 ELECTRICAL PARTIAL DEMO/NEW WORK RISER DIAGRAM
SCALE: NTS

## RISER DIAGRAM KEY NOTES:

1. PROVIDE NEW 200A TRIP UNIT FOR EXISTING GE POWER BREAKER DESIGNATED SPARE WITHIN THE EXISTING MAIN DISTRIBUTION SWITCHBOARD AS INDICATED.
2. PROVIDE (4) NEW 35A-1P CIRCUIT BREAKERS FOR NEW ISOLATED POWER FEEDS. CIRCUIT BREAKER CHARACTERISTICS SHALL MATCH EXISTING. AIC RATING SHALL MATCH EQUIPMENT AND MEET THE AVAILABLE FAULT AT THE POINT OF INSTALLATION.
3. REMOVE EXISTING PANEL AND REPLACE WITH NEW 84-POLE SINGLE TUB PANELBOARD. INTERCEPT AND BACKFEED ALL EXISTING BRANCH CIRCUITS FROM NEW PANELS LCP-B1 AND LP-B1
4. RELOCATE EXISTING ISOLATED POWER PANEL INDICATED. INTERCEPT EXISTING FEEDER AND BRANCH CIRCUITS BEING FED FROM PANEL AND EXTEND OR SHORTEN AS REQUIRED TO ACCOMMODATE NEW PANEL LOCATION.
5. REMOVE EXISTING CIRCUIT BREAKER MADE SPARE FROM DEMOLITION OF TRANSFORMER AND REPLACE WITH NEW 150A-3P CIRCUIT BREAKER TO ACCOMMODATE NEW 75 KVA TRANSFORMER. CIRCUIT BREAKER CHARACTERISTICS SHALL MATCH EXISTING. AIC RATING SHALL MATCH EQUIPMENT AND MEET THE AVAILABLE FAULT AT THE POINT OF INSTALLATION.

## 2 HOUR RATED FEEDER NOTE:

ALL FEEDERS INDICATED TO BE 2 HOUR RATED CABLE SHALL BE FULLY ENCLOSED WITHIN A 2 HOUR RATED ENCLOSURE OR BE PROVIDED WITH MI CABLE (FULLY UL LISTED AND APPROVED BY THE LOCAL WIRING INSPECTOR). ALL VERTICAL AND HORIZONTAL FEEDERS LOCATED IN AREAS THAT DO NOT HAVE SPRINKLERS INSTALLED SHALL BE PROVIDED WITH 1 HOUR RATED WIRING.

PLAN NORTH / TRUE NORTH

Reviewed for Code Compliance
Portland Fire Prevention Division
Approved with Conditions
Date: 10/16/15


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D C A B

STATE OF MAINE — MARK F. RATTENBURY — No. 9122 — ELECTRICAL — LICENSED PROFESSIONAL ENGINEER

**Revisions**

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|---|---|---|
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| | ISSUED FOR BID | 07.31.2015 |
| NO | ISSUE | DATE |

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| Drawn | GN |
| Checked | MR |
| Approved | MR |

**Title**

## ELECTRICAL SCHEDULES AND RISER DIAGRAMS SHEET 2 OF 2

**Sheet**

# E07-01

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