



NOTES THIS SHEET

- 1 RTU-1 AND RTU-2 ARE ROOF MOUNTED. SEE ARCHITECTURAL FOR LOCATION. PROVIDE CODE REQUIRED MAINTENANCE RECEPTACLE AND 3/4" C.O. WITH PULL WIRE FROM EACH TO SIEMENS CONTROL PANEL.
- 2 PROVIDE 120 VAC, 20 AMP HARDWIRED POWER TO SIEMENS BUILDING CONTROL CABINETS.
- 3 CONNECT NEW RECEPTACLES IN EXISTING BUILDING TO SPARE CIRCUIT IN PANEL 'A'.
- 4 PROVIDE LABOR AND MATERIALS AS NECESSARY TO GENERAL CONTRACTOR TO ALLOW PLACEMENT OF BACKING IN WALL AND SHEET ROCK ON WALL BEHIND PANEL 'A'.
- 5 PROVIDE 1/2" EMT WITH PULL WIRE FROM FIRE SMOKE DAMPERS TO FIRE ALARM CONTROL PANEL FOR CONNECTION BY NW FIRE SUPPRESSION. TYPICAL FOR 10.
- 6 ROUTE BRANCH CIRCUITS TO EF-1, AND EF-4 TO SIEMENS CONTROL RELAYS AND THEN TO EF.
- 7 SAW CUT EXISTING FLOOR SLAB AND EXTERIOR PAVING AS NECESSARY TO PROVIDE BELOW GRADE CONNECTION TO CHILLER.
- 8 CONNECT HEAT TAPE ON FUEL OIL SUPPLY AND RETURN PIPING PROVIDED BY MECHANICAL.
- 9 INSTALL 100A/3P BREAKER IN PANEL UPS1 TO FEED PANEL UPS1-1. PROVIDE (2) 2" C.O. TO ACCESSIBLE 4" SQ. SCREW COVER WIREWAY AT CEILING.
- 10 INSTALL 100A/3P BREAKER IN PANEL UPS3 & UPS4 TO FEED PANELS UPS2-1, 2 AND 3. PROVIDE (2) 2" C.O. TO ACCESSIBLE 4" SQ. SCREW COVER WIREWAY AT CEILING.
- 11 PROVIDE (2) 2" C. FROM GENERATOR TO ELECTRIC ROOM FOR REMOTE ANNUNCIATOR AND NOC ALARMS.
- 12 PROVIDE TOTAL OF 10-4" PVC WITH LONG SWEEP ELBOWS FROM UNDERFLOOR AREA INTO EMCOR CABINETS. PROVIDE (3) 1-1/4" INNER DUCTS IN EACH.
- 13 PROVIDE (6) 4" PVC WITH LONG SWEEP ELBOWS AND RED CONCRETE ENCASEMENT TO OCEF'S FROM NEW AND EXISTING CONDUIT STUBS. SEE 50 FOR CONTINUATION.
- 14 PROVIDE 4" HIGH HOUSEKEEPING PADS FOR ALL FREESTANDING ELECTRICAL EQUIPMENT.
- 15 LOCATE NEW FIRE ALARM, SECURITY AND WARM, NOC ALARM PANEL ON WALL BACK-TO-BACK WITH EXISTING. PROVIDE 3/4" FIRE RETARDANT TREATED, PAINTED BACK BOARDS AS REQUIRED. PROVIDE (3) 2" EMT FIRE STOPPED SLEEVES THROUGH WALL FOR SECURITY, FIRE ALARM AND NOC ALARM WIRING.
- 16 PROVIDE FLUSH MOUNTED, SINGLE GANG JUNCTION BOX INSIDE EMCOR AND SIECOR RACKS WITH 3/4" EMT UP TO TELEMETRY TRAY LEVEL WITH PULL STRING AND INSULATED BUSHING FOR USE BY NFEL (DVG FOR 15).
- 17 NOT USED.
- 18 PROVIDE AND INSTALL 6' FOOT LENGTH OF HARDWIRED PLUGMOLD WITH (10) 15 AMP, 120 VOLT RATED, ORANGE ISOLATED GROUND RECEPTACLES INSIDE REAR OF EMCOR RACKS. (TYPICAL FOR 20 AT PODS 1-10).
- 19 PROVIDE CONTINUOUS RUN OF No.4 WALKERDUCT WITHOUT INSERTS. FIELD DRILL AND INSTALL J-BOX OR RECEPTACLE IN SIECOR OR EMCOR RACKS.
- 20 LOCATE RECEPTACLE ON ROOF FOR HVAC MAINTENANCE.
- 21 STUB UP 4-4" PVC WITH LONG SWEEP ELBOWS AND RED CONCRETE ENCASEMENT TO OCEF'S FROM EXISTING CONDUIT STUBS. STUB UP 2-4" PVC TO EACH OCEF AS CLOSE AS POSSIBLE TO COLUMN FOOTING AS SHOWN.

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Project
BROADBAND FACILITY EXPANSION PHASE 2 and 3
 Troutdale Oregon



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FLOOR PLAN - POWER/SIGNAL

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E2

1 FLOOR PLAN - POWER/SIGNAL
 SCALE: 1/8" = 1'-0"

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