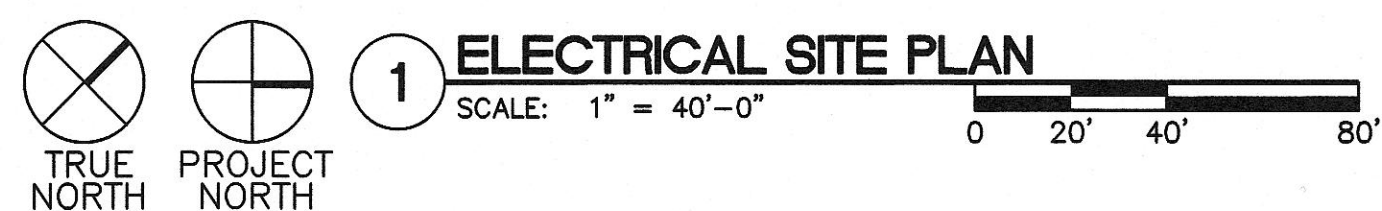
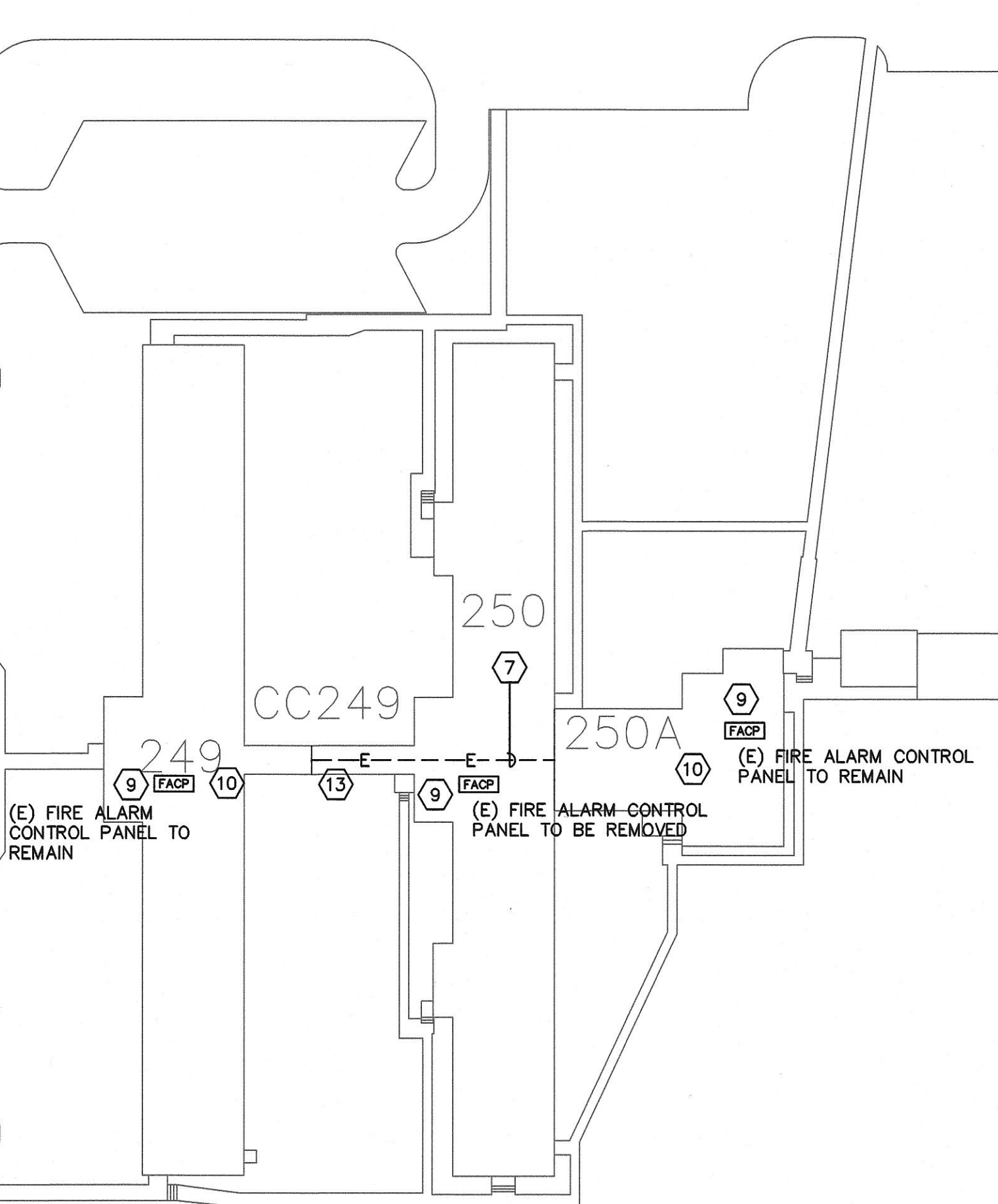


2 EXTERIOR LIGHTING - CONTROL DIAGRAM

SCALE: NOT TO SCALE

RICKER ROAD



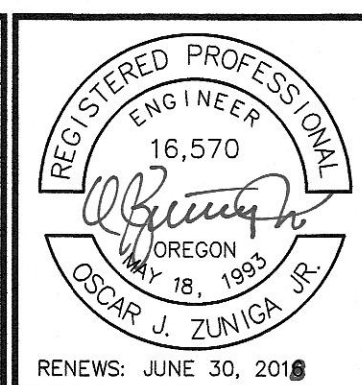
GENERAL NOTES:

- DEMO WORK SHALL BE CONDUCTED IN PHASES. THE FINAL PHASE OF WORK PRIOR TO NEW CONSTRUCTION SHALL BE A CHANGE OVER FROM EXISTING CIRCUIT PATHS TO REPLACED OR REROUTED CIRCUITS. ALL CHANGE OVER WORK SHALL BE CONDUCTED ON A COORDINATED WEEKEND TO MINIMIZE CAMPUS SYSTEM DOWN TIME. CONTRACTOR SHALL ESTABLISH A WORK SCHEDULE COORDINATED WITH ALL TRADES AND THE V.A.
- NEW, REPLACED, OR RE-ROUTED FIRE ALARM NETWORK WIRING SHALL BE CERTIFIED PER THE MANUFACTURER'S RECOMMENDATIONS AND INCLUDED IN WARRANTY UP TO THE POINT OF CONNECTION TO THE EXISTING NETWORK.
- CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL CIRCUIT RUNS PER THE NEC, CONDUCTOR MANUFACTURER'S RECOMMENDATIONS, AND EIA/TIA 568 STANDARD TO AVOID EXCEEDING MAXIMUM PULL TENSIONS.
- SOME TUNNEL AREAS ARE REGULATED AND CONTAIN ASBESTOS PIPE INSULATION. ASBESTOS AWARENESS TRAINING REQUIRED FOR ALL WORKERS IN TUNNEL AREAS AFFECTED.
- LOCATE AND PRESERVE EXISTING UNDERGROUND UTILITIES. ROUTE NEW CONDUITS TO AVOID EXISTING UTILITIES. CALL UTILITY COMPANIES PRIOR TO TRENCHING FOR NEW UNDERGROUND CONDUITS.
- PROVIDE LARGE RADIUS STEEL ELBOWS FOR ALL LOW VOLTAGE UNDERGROUND CONDUIT BENDS AND SWEEPS.

KEYED NOTES

- REMOVE EXISTING 500 kVA PAD-MOUNT TRANSFORMER "I" AFTER DISCONNECTING MEDIUM VOLTAGE SUPPLY AND ALL 208/120V SECONDARY LOADS. CLEAN AND PREPARE FOR REINSTALLATION IN NEW LOCATION. PULL PRIMARY AND SECONDARY CONDUCTORS BACK, PROTECT AND PREPARE FOR REPULLING AND RE-TERMINATION. DEMOLISH EXISTING TRANSFORMER PAD.
- EXISTING STREET LIGHTS TO REMAIN.
- ROUTE CHILLER CIRCUIT TO MDS. SEE SHEET E4.2.
- PROVIDE NEW TRANSFORMER PADVAULT AND DUCTBANK; SEE DETAILS SHEET E0.5. REROUTE INCOMING MEDIUM VOLTAGE SUPPLY INTO PADVAULT IN NEW CONDUIT DUCTBANK AND RE-TERMINATE.
- RUN NEW STREET LIGHTING CIRCUIT TO RE-POWER STREETLIGHTS FROM EXISTING TRANSFORMER DISTRIBUTION SECTION..
- PROVIDE NEW WIRE TROUGH, GUTTER, OR SPLICE/PULL BOX IN UTILITY TUNNEL. INTERCEPT EXISTING POWER FEEDS TO BUILDINGS 202, 207, AND 208 AND RE-FEED FROM TRANSFORMER THROUGH NEW PADVAULT AND CONDUITS THROUGH THE NEW GUTTER OR BOX. FEEDS FOR B202 AND B208 ARE 225 AMP, FEED FOR B207 IS 100 AMP, STREET LIGHTS ARE 30 AMP.
- LOCATE AND IDENTIFY EXISTING FIBEROPTIC CABLES AND SIGNAL SYSTEM CABLES IN 249-250 UTILITY CRAWLSPACE, TUNNEL, AND PUMP VAULT. INSTALL SPLIT SCHEDULE 40 PVC SLEEVES AROUND EACH CABLE OR UTILITY AND SUPPORT DURING TUNNEL FILL AND COMPACTION OPERATIONS. ENCASE IN LEAN MIX SLURRY.
- PRIOR TO DEMOLITION OF B206 FIRE ALARM CONTROL PANEL CREATE A TEMPORARY BYPASS OF BUILDING 206 FOR THE FIRE ALARM NETWORK CABLES USING WET RATED 16/2 STRANDED FPL CABLE. ROUTE CABLES USING THE EXISTING BYPASS CONDUIT AND VAULT SYSTEM AS FOLLOWS:
 - FROM B204 FACP NODE "A" TO B202 NETWORK ANNUNCIATOR NODE "B" VIA EXISTING SPLICE IN J-BOX "G" IN TUNNEL.
 - FROM B205 FACP NODE "B" TO B207 FACP NODE "A" VIA EXISTING SPLICE IN J-BOX "G" IN TUNNEL.
- COORDINATE NOTIFIER NETWORK DOWN TIME WITH VA DURING CONTRACTOR PROVIDED FIRE WATCH. REMOVE B206 FACP AND SALVAGE TO VA. CHANGE CONNECTIONS OVER TO NEW BYPASS CABLES, TEST NETWORK AND RESTORE NETWORK ANNUNCIATORS TO "SYSTEM NORMAL" STATUS.
- PRIOR TO DEMOLITION OF B250 FIRE ALARM CONTROL PANEL (AFP200) CREATE A PERMANENT BYPASS OF BUILDING 250 FOR THE FIRE ALARM NETWORK CABLES USING WET RATED 16/2 STRANDED FPL CABLE. ROUTE CABLES IN NEW 1" CONDUIT FROM B249 FACP TO B250A FACP. MODIFY EXISTING CONDUIT AND PULL BOXES FROM B202 NETWORK ANNUNCIATOR TO B250 FACP TO PROVIDE A DIRECT ROUTE FROM B202 ANNUNCIATOR TO B250A FACP. ROUTE CABLES AS FOLLOWS:
 - FROM B249 FACP NODE "B" TO B202 NETWORK ANNUNCIATOR NODE "A" VIA MODIFIED CONDUIT IN TUNNELS AND CRAWLS.
 - FROM B250A FACP NODE "A" TO B249 FACP NODE "A" VIA NEW CONDUIT IN TUNNEL AND CRAWL.
- COORDINATE NOTIFIER NETWORK DOWN TIME WITH VA DURING CONTRACTOR PROVIDED FIRE WATCH. REMOVE B250 FACP (AFP200) AND SALVAGE TO VA. CHANGE CONNECTIONS OVER TO NEW BYPASS CABLES, TEST NETWORK AND RESTORE NETWORK ANNUNCIATORS TO "SYSTEM NORMAL" STATUS.
- PROVIDE (1) 4" CONDUIT WITH (4) 1" DIAMETER CORRUGATED STYLE INNERDUCTS FROM B249 DATA ROOM TO B250A UTILITY ROOM. PROVIDE PULL CORD IN ALL EMPTY INNERDUCTS. COORDINATE EXACT LOCATION IN EACH ROOM WITH VA PRIOR TO ROUGH-IN.
- PRIOR TO DEMOLITION, ROUTE, TERMINATE AND TEST TEMPORARY CATV CIRCUIT BYPASS. PROVIDE ONE RG6 CABLE PER CATV PROVIDER RECOMMENDATIONS FROM SPLITTER IN B205 SERVING EXISTING B206 TO SPLITTER IN B207 VIA EXISTING VAULT SYSTEM CONDUITS.
- ROUTE NEW PA AMPLIFIER FEED CIRCUIT FROM EXISTING ZONE AMPLIFIER OUTPUT IN B210 TO NEW RACK MOUNTED PA AMPLIFIER IN B205/B206 DATA ROOM. ROUTE 16/2 CMR CABLE VIA EXISTING VAULT AND CONDUIT SYSTEM. SEE SHEET E6.5.
- DISCONNECT ELECTRICAL SUPPLY TO EXISTING SUMP PUMP. REMOVE ALL ELECTRICAL EQUIPMENT AND ITS CONDUIT AND WIRING IN CONNECTING CORRIDOR CC249 AND UTILITY TUNNEL TO THE LIMITS OF CONSTRUCTION.

REVISIONS	DATE
E1.1 Revised	9/2/16



kistler + small + white
architects

KISTLER SMALL WHITE, ARCHITECTS
66 WATER STREET
ASHLAND, OREGON 97520
P: 541-498-8200
F: 541-552-9512
www.kistlersmallwhite.com

DEPARTMENT OF VETERANS AFFAIRS

SOUTHERN OREGON REHABILITATION CENTER & CLINICS

8495 CRATER LAKE HIGHWAY
WHITE CITY, OREGON

DRAWING TITLE:

ELECTRICAL SITE PLAN

FULLY SPRINKLERED FACILITY

PROJECT TITLE

REPLACE SEISMICALLY DEFICIENT DOM B206 & DEMO PORTION B250

DRAWN BY: M.J.L. DATE: 24 JULY 2015

CHECK BY: O.J.Z. VA PROJECT NO.: 692-344

DRAWING NO.: **E1.1** DWG. 6 OF 27

US DEPARTMENT OF VETERANS AFFAIRS

MARQUESS & ASSOCIATES INC.

MAI Project Number: 14-1196
P: 541-772-7115
F: 541-779-4079
1120 East Jackson
PO Box 480
Medford, OR, 97501