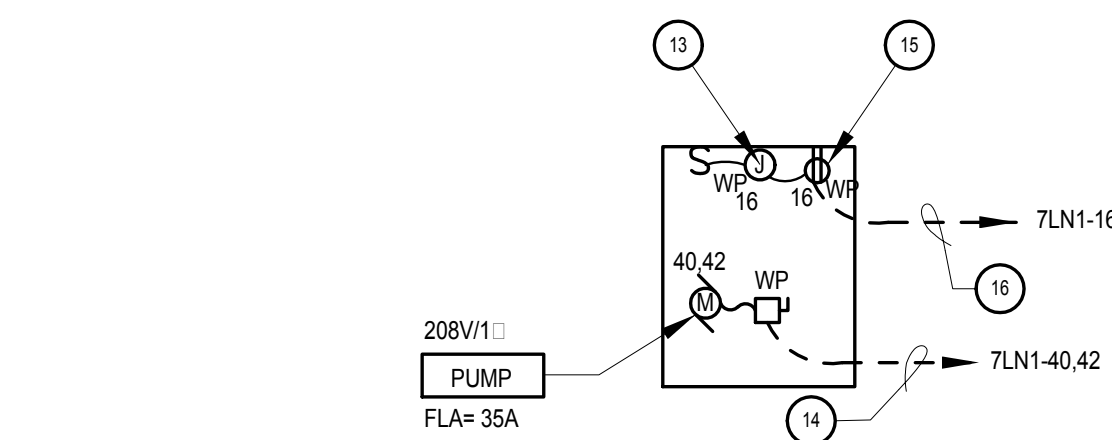
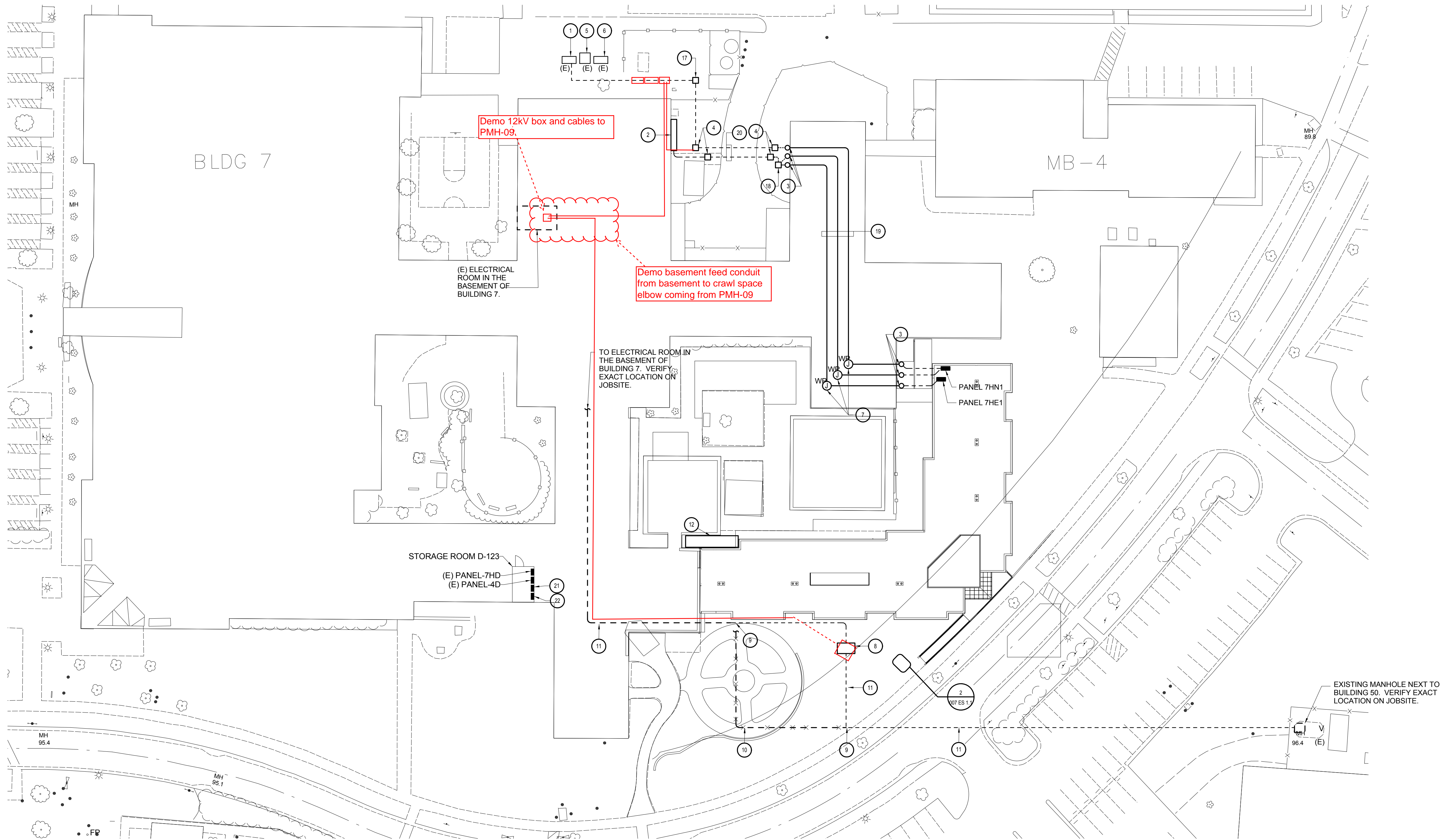


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



2 FOUNTAIN PUMP VAULT - ENLARGED PLAN
007 ES 1.1 SCALE: NTS



1 POWER - SITE PLAN
007 ES 1.1 SCALE: 1/32" = 1'-0"

GENERAL NOTES:

- CONDUIT RUNS ARE DIAGRAMATIC. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY BUILDING CONDITION AND POSSIBLE ROUTES, AND PROVIDE A J-BOX/PULL-BOX AS NECESSARY SO THAT EACH CONDUIT RUN SHALL NOT EXCEED 45' TURNS PER NEC.
- FOR FEEDER SIZES, SEE SINGLE LINE DIAGRAMS.

KEYED NOTES:

- EXISTING NORMAL POWER SWITCHGEAR-1800A, 480/277 V, 3 PHASE, 4 WIRE.
- EMERGENCY SWITCHGEAR INSTALLED UNDER DIFFERENT PROJECT. VERIFY EXACT LOCATION ON JOBSITE.
- CONDUIT RISER ON EXTERIOR BUILDING, TO ROOF.
- PULL-BOX INSTALLED UNDER DIFFERENT PROJECT. VERIFY EXACT LOCATION ON JOBSITE.
- EXISTING MEDIUM VOLTAGE TRANSFORMER-1000 KVA, 12KV TO 480/277 V, 3 PHASE, 4 WIRE.
- EXISTING MEDIUM VOLTAGE SUBSTATION.
- SIZED PER NEC ARTICLE 314.
- EXISTING MANHOLE RELOCATED. SEE SHEET 007 ES 1.0 FOR MORE INFORMATION.
- INTERCEPT EXISTING CONDUIT & EXTEND TO THE MANHOLE AS SHOWN. PROVIDE CONDUIT IN-KIND & ALL FITTINGS AS REQUIRED FOR EXTENSION.
- CAP BOTH ENDS OF UNUSED CONDUIT MIN. 12" BELOW FINISH GRADE & ABANDON.
- PULL IN EXISTING CONDUCTORS & CONNECT AS REQUIRED. IF EXISTING CONDUCTORS ARE NOT LONG ENOUGH FOR RE-ROUTING, PROVIDE CONDUCTORS IN-KIND & ALL NECESSARY FITTINGS FOR RE-ROUTING.
- CONCRETE PAD FOR RELOCATION OF EXISTING ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, J-BOXES, DISCONNECT SWITCHES). SEE SHEET 007 ES 1.0 FOR MORE INFORMATION. ALSO SEE SHEET 007 ES 2.02 FOR EQUIPMENT LAYOUT & DETAILS. EXTEND EXISTING FEEDER/CIRCUITS TO NEW LOCATION & CONNECT AS REQUIRED. PROVIDE ALL NECESSARY CONDUITS/WIRES FOR EXTENSION.
- J-BOX FOR POWER CONNECTION TO FOUNTAIN PUMP VAULT LIGHTING. VERIFY EXACT LOCATION WITH VAULT MANUFACTURER.
- 1 1/4" C-2#4& 1#6 GND.
- COORDINATE EXACT LOCATION WITH VAULT MANUFACTURER.
- 3/4"C-2#10 & 1#10 GND.
- ELECTRICAL PULLBOX SIZE PER NEC 314.
- ATS-SCI INSTALLED CONCRETE PAD, 300 AMPS, 400V, 3PHASE, 4 WIRE. ASCO #7000 SERIES OR EQUAL.
- CONDUIT RUN ON ROOF. (TYPICAL)
- 4" UNDERGROUND CONDUIT INSTALLED UNDER DIFFERENT PROJECT TO BE USED NORMAL AND EMERGENCY FEEDERS. SEE SINGLE LINE DIAGRAM FOR CONDUCTOR SIZES. VERIFY EXACT LOCATION ON JOBSITE.
- EXISTING PANEL A RELOCATED IN STORAGE ROOM D-123. EXTEND EXISTING FEEDER/BRANCH CIRCUITS TO NEW LOCATION AND CONNECT AS REQUIRED. PROVIDE ALL NECESSARY CONDUITS/WIRES FOR EXTENSION.
- EXISTING PANEL B RELOCATED IN STORAGE ROOM D-123. EXTEND EXISTING FEEDER/BRANCH CIRCUITS TO NEW LOCATION AND CONNECT AS REQUIRED. PROVIDE ALL NECESSARY CONDUITS/WIRES FOR EXTENSION.

CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

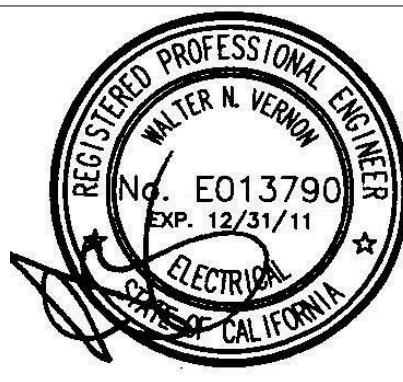
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Drawing Title
POWER SITE PLAN

Approved Project Director

Date: April 1, 2008

Project Title
VA Palo Alto Healthcare System
Spinal Cord Injury Replacement
Unit

Location
3801 Miranda Avenue, Palo Alto

Date
12-15-2010

Checked

Drawn

Project Number
640-380

Building Number
007

Drawing Number
007 ES 1.1

Dwg. of.

Office of
Facilities
Management

Department of
Veterans Affairs