

A
B one inch = one foot
C three-quarters inch = one foot
D one-half inch = one foot
E three-eighths inch = one foot
F one-quarter inch = one foot
G one-eighth inch = one foot

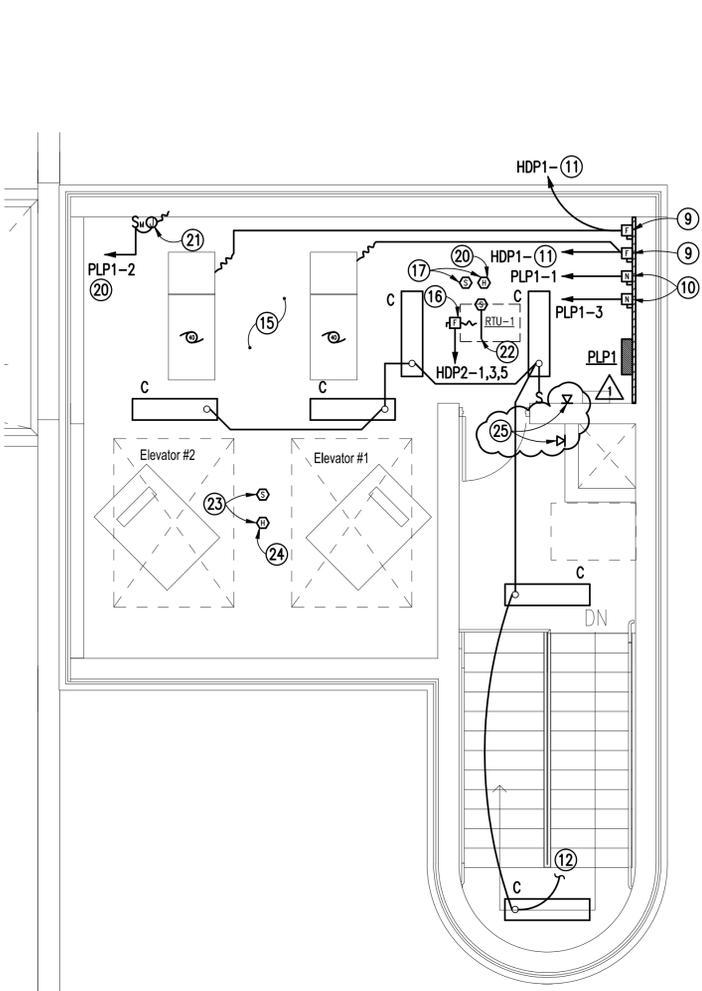
ELEVATOR GENERAL NOTES:

A. CONTRACTOR SHALL PROVIDE FUSIBLE MODULAR SHUNT TRIP SWITCH IN TYPE NEMA 1 ENCLOSURES WITH RATINGS AND TYPE J FUSING AS SHOWN ON THE DRAWINGS FOR ELEVATOR. BASIS OF DESIGN IS COOPER BUSSMANN QUIK-SPEC POWER MODULE SWITCH, OR FERRAZ-SHAWMUT FUSIBLE SHUNT TRIP DISCONNECT SWITCH. PROVIDED FEATURES SHALL INCLUDE, BUT NOT BE LIMITED TO:

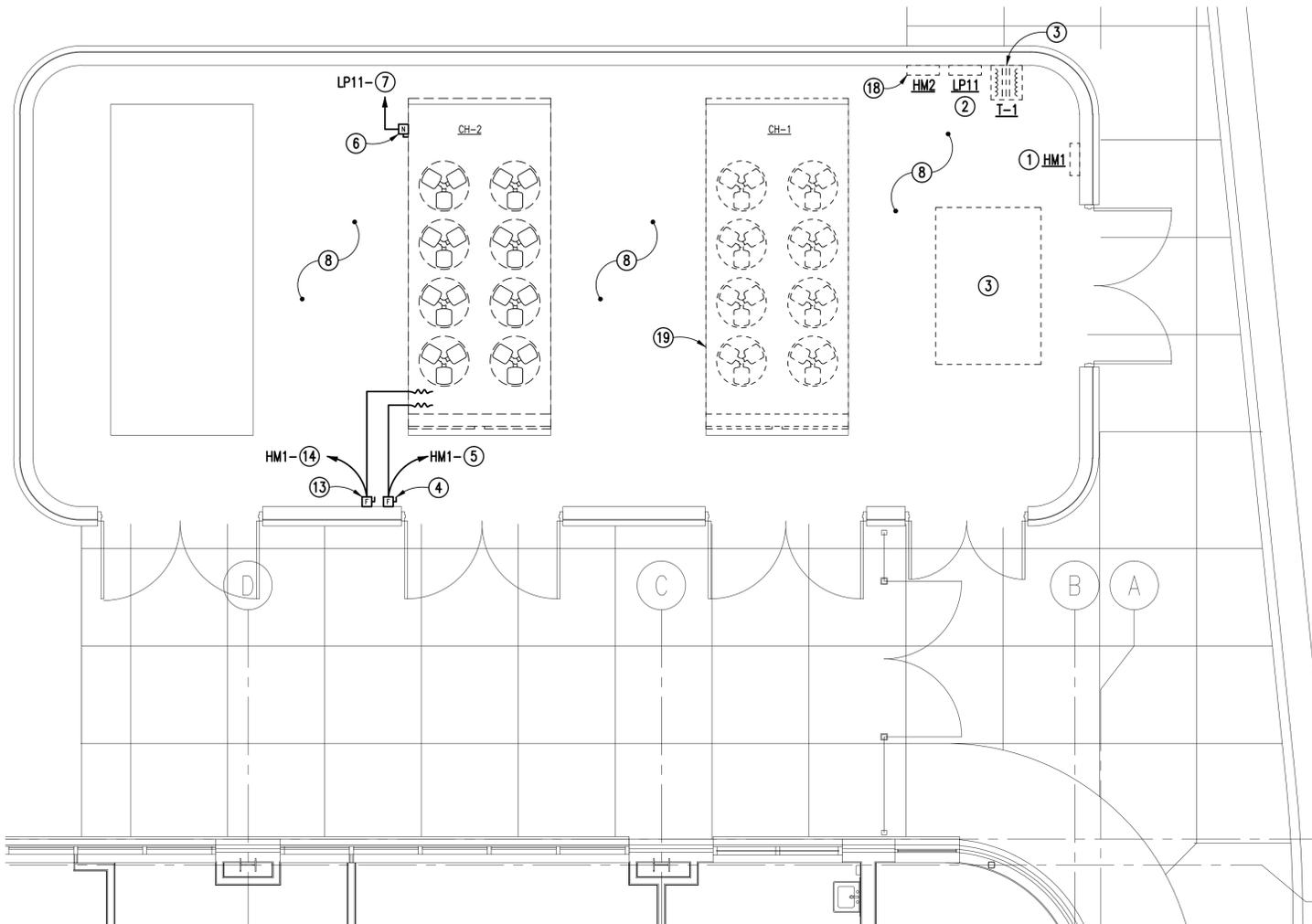
- SHUNT TRIP FUNCTION FOR REMOTE TRIPPING OF LINE POWER TO ELEVATOR CONTROLLERS PRIOR TO THE APPLICATION OF WATER BY ELEVATOR SPRINKLER SYSTEM
- INDUSTRIAL CONTROL CIRCUIT TRANSFORMER, 480V PRIMARY.
- DPDT FIRE SAFETY RELAY FOR CONTROL INTERFACE. COORDINATE REQUIRED COIL VOLTAGE WITH FIRE ALARM SYSTEM.
- OIL-TIGHT KEY SWITCH TO TEST 2 POSITION SELECTOR SWITCH.
- OIL-TIGHT POWER ENABLED GREEN POWER LIGHT.
- PADLOCKABLE HANDLE.

C. CONTRACTOR SHALL COORDINATE REQUIRED FEATURES OF EACH FUSIBLE MODULAR SHUNT TRIP SWITCH WITH FIRE ALARM CONTRACTOR.

- NOTES:**
(THIS SHEET ONLY)
- EXISTING SQUARE 'D', 1-LINE TYPE 480V/277, 3Ø, 4W, 800 AMP M.B. ELECTRICAL PANEL HM1 TO REMAIN. HM1 IS SERVICE ENTRANCE RATED AND HAS 65K A.I.C. RATING.
 - EXISTING SQUARE 'D' NQOD 208V/120, 3Ø, 4W 50 AMP M.B. ELECTRICAL PANEL LP11 TO REMAIN.
 - EXISTING PAD MOUNTED TRANSFORMER TO REMAIN "AS-IS".
 - 250 AMP/3 POLE/NEMA 3R FUSED DISCONNECT, FUSED AT 225 AMPS. MAKE ALL CONNECTIONS TO CHILLER AS REQUIRED. CHILLER IS DUAL POWER CONNECTION. COORDINATE WITH NOTE #13 FOR EXACT FEED.
 - ROUTE 3#3/0,#6G;2°C TO PANEL HM1, PROVIDE NEW 225 AMP/3 POLE BREAKER IN SPACE AVAILABLE AND MAKE ALL CONNECTIONS AS REQUIRED.
 - 30 AMP/2 POLE/NEMA 3R NON-FUSED DISCONNECT FOR CHILLER 120V POWER CIRCUITS. COORDINATE EXACT MOUNTING LOCATION, NOT TO INTERFERE WITH CHILLER OPERATION OR ACCESS DOORS. MAKE ALL CONNECTIONS AS REQUIRED.
 - ROUTE 2#12,#12G;3/4°C TO PANEL LP11, PROVIDE NEW 20 AMP/1 POLE BREAKER IN SPACE AVAILABLE AND MAKE ALL CONNECTIONS AS REQUIRED.
 - COORDINATE EXACT ROUTING OF NEW ELECTRICAL CIRCUITS, ETC. IN THIS COURTYARD NOT TO INTERFERE WITH EXISTING INSTALLATIONS AND TO COORDINATE WITH POSSIBLE FUTURE ROUTINGS.
 - PROVIDE FUSIBLE MODULAR SHUNT TRIP SWITCH. PROVIDE 4#2,#6G;1-1/2°C FROM SWITCH IN ELEVATOR EQUIPMENT ROOM TO NON-FUSED DISCONNECT IN ELECTRICAL CLOSET.
 - 30 AMP/2 POLE NON-FUSED DISCONNECT. MAKE ALL CONNECTIONS TO ELEVATOR LIGHTING CIRCUIT AS REQUIRED.
 - ROUTE 3#1,#8G;1-1/2°C TO PANEL HDP1 IN BASEMENT. MAKE ALL CONNECTIONS TO SPARE 100 AMP/3 POLE BREAKER.
 - MAKE CONNECTIONS TO EXISTING LIGHTING CIRCUIT AT STAIRWELL AREA ON FLOORS BELOW.
 - 250 AMP/3 POLE/NEMA 3R FUSED DISCONNECT, FUSED AT 200 AMPS. MAKE ALL CONNECTIONS TO CHILLER AS REQUIRED. CHILLER IS DUAL POWER CONNECTION. COORDINATE WITH NOTE #4 FOR EXACT FEED.
 - ROUTE 3#2/0,#6G;2°C TO PANEL HM1, PROVIDE NEW 200 AMP/3 POLE BREAKER IN SPACE AVAILABLE AND MAKE ALL CONNECTIONS AS REQUIRED.
 - EXACT LOCATION OF LIGHT FIXTURES IN ELEVATOR EQUIPMENT ROOM TO BE FIELD COORDINATED TO AVOID ELEVATOR EQUIPMENT TO BE INSTALLED AND OTHER EQUIPMENT. LAYOUT TYPE 'C' FIXTURES TO PROVIDE EVEN DISTRIBUTION IN ROOM.
 - 30 AMP/3 POLE/NEMA 3R FUSED DISCONNECT, FUSED AT 20 AMPS. COORDINATE AND MAKE ALL CONNECTIONS TO TO ROOF TOP MOUNTED RTU-1. PROVIDE AT ROOF.
 - SMOKE AND HEAT DETECTORS IN CEILING OF MACHINE ROOM.
 - EXISTING PANEL TO REMAIN.
 - EXISTING CHILLER TO REMAIN.
 - PROVIDE CONNECTION TO FIRE ALARM SYSTEM FOR DAMPER.
 - POWER CONNECTION TO MOTORIZED DAMPER. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
 - DUCT DETECTOR IN THE RETURN OF THE HVAC UNIT ON ROOF OF ELEVATOR PENTHOUSE.
 - SMOKE AND HEAT DETECTOR IN CEILING OF ELEVATOR SHAFT.
 - HEAT DETECTOR SHALL ACTIVATE SHUNT TRIP FOR ELEVATOR.
 - DEDICATED FIREFIGHTER TWO WAY COMMUNICATIONS PHONE OUTLET. CONTRACTOR SHALL COORDINATE EXACT LOCATION PRIOR TO INSTALLATION AND ROUTE NECESSARY CABLING BACK TO FACP AS REQUIRED FOR A COMPLETE SYSTEM.



TENTH FLOOR ELEVATOR EQUIPMENT ROOM ELECTRICAL PLAN - POWER
SCALE: 1/4" = 1'-0"



MECH/ELECTRICAL EQUIPMENT ENCLOSURE ELECTRICAL PLAN - POWER
SCALE: 1/8" = 1'-0"

Revisions	Date
1. PEER REVIEW CHANGES.	9/19/2011

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Approved Project Engineer	Building Number BLDG 1 SOUTH WING	Checked RBP
	Location VA MEDICAL CENTER SHREVEPORT, LOUISIANA	Drawn TWG

Project No. VA256-C-1047	DRAWING NO. E401
	Dwg. Of

100% REVIEW SUBMITTAL

Veterans Administration