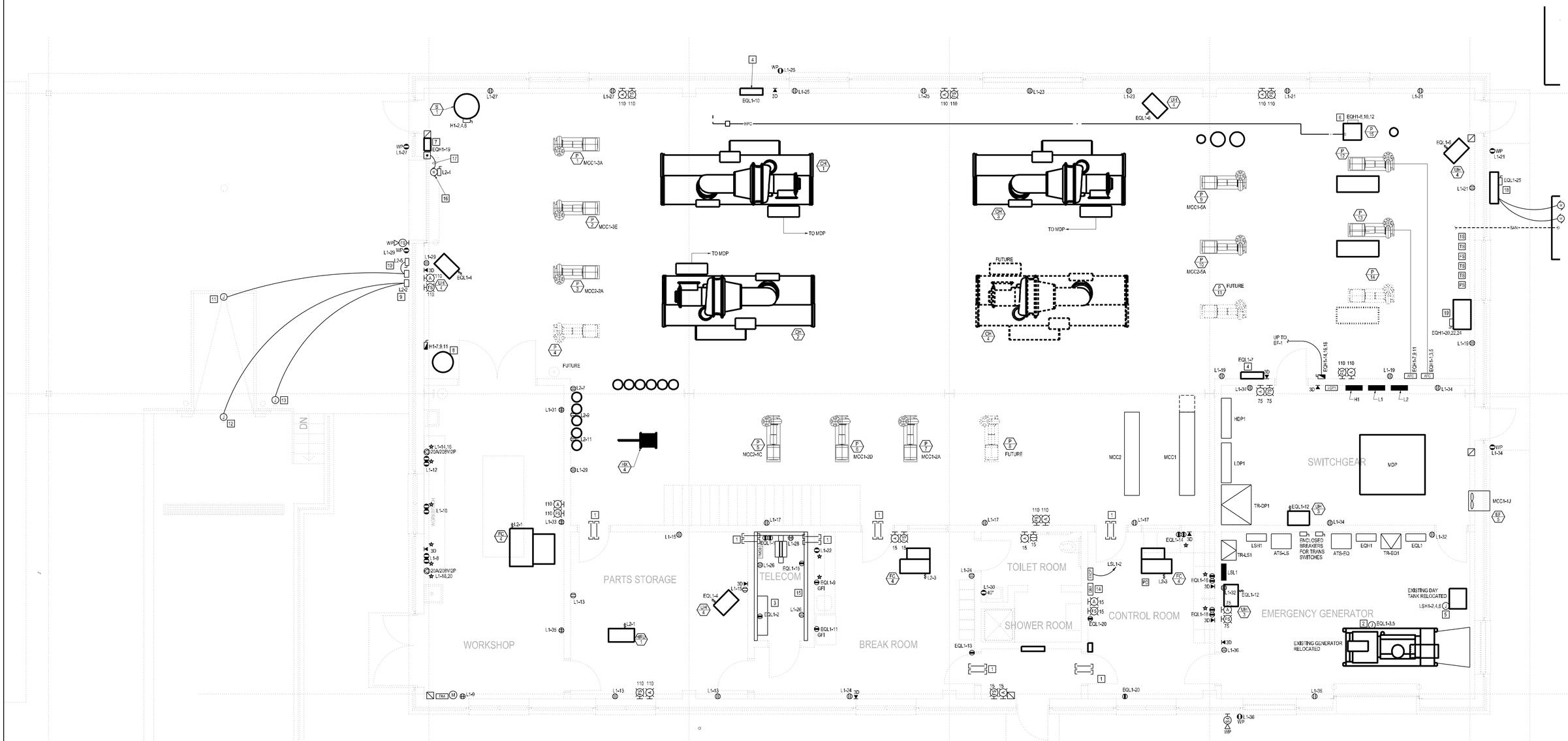

CHILLER PLANT FIRST FLOOR - POWER KEYNOTES

1. PROVIDE TWO 2" CONDUIT SLEEVES THROUGH WALL FOR LOW VOLTAGE CABLING.
2. PROVIDE 120V POWER TO ENGINE JACKET HEATER AND BATTERY CHARGER.
3. FUTURE SECURITY SYSTEM EQUIPMENT
4. DDC SYSTEM CONTROL PANEL
5. PROVIDE POWER CONNECTION TO FUEL OIL TRANSFER PUMPS LOCATED ON TOP OF DAYTANK. VERIFY EXACT POWER REQUIREMENTS PRIOR TO CONNECTION.
6. CONDENSATE PUMP PACKAGE. DUPLEX 1/6HP-460V-3PH; UNIT SUPPLIED WITH PRWIRED CONTROL PANEL WITH INTEGRAL STARTERS AND DISCONNECTS.
7. HEAT TRACE CONTROL PANEL, 277V-1PH
8. EXISTING AIR COMPRESSOR TO BE RELOCATED FROM BUILDING #18. RELOCATE EXISTING STARTER AND EXTEND FLEX CONNECTION FROM STARTER TO AIR COMPRESSOR.
9. DOCK RESTRAINT SYSTEM CONTROL PANEL, 120V-1PH. EXTEND CONNECTION TO DOCK RESTRAINT DEVICE ON EXTERIOR OF DOCK AND INDICATION LIGHTS NEXT TO DOCK. COORDINATE CONNECTIONS WITH MANUFACTURER AND INSTALLER.
10. CONTROLLER FOR DOCK LEVELER, 3/4HP-120V-1PH, EXTEND CONNECTION FROM DISCONNECT. COORDINATE CONNECTIONS WITH DOCK LEVELER INSTALLER AND MANUFACTURER.
11. PROVIDE A RECESSED JUNCTION BOX IN BACK OF PIT FOR CONNECTION TO DOCK LEVELER MOTOR. COORDINATE CONNECTION REQUIREMENTS WITH DOCK LEVELER. EXTEND 3-#12 IN 3/4" CONDUIT TO DOCK LEVELER CONTROLLER.
12. DOCK RESTRAINT DEVICE.
13. DOCK RESTRAINT LIGHT BOX MOUNTED ON POST.
14. EXISTING EMERGENCY GENERATOR ANNUNCIATOR TO BE RELOCATED AND WIRED PER MANUFACTURER.
15. PROVIDE 3/4" FIRE RETARDANT PLYWOOD ON ALL WALLS MOUNTED FROM FLOOR TO 96".
16. MOTOR-OPERATED COILING DOOR, 1/2HP-120V-1PH.
17. EXTEND WIRING TO DOOR START/STOP STATION PER MANUFACTURERS REQUIREMENTS.
18. SEWAGE PUMP STATION CONTROL PANEL FOR TWO 1HP-120V-1PH PUMPS. EXTEND CONNECTION FROM CONTROL PANEL TO EACH PUMP.
19. SPRINKLER SYSTEM DRY-PIPE AIR COMPRESSOR, 1HP-460V-3PH.

POWER PLAN - FIRST FLOOR

1/4"=1'-0"

Revisions	Date

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Approved:	
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Approved:	Approved: Chief Of Engineering
Approved:	Approved: Medical Center Director

Drawing Title: POWER PLAN - FIRST FLOOR

Project Title: BUTLER VA MEDICAL CENTER CHILLER PLANT REPLACEMENT

Date: 10-13-10

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Building No.:

Checked: RRS

Drawn: BSS

Drawing No.: E301

Location: BUTLER, PA 16001

Dwg 5 Of 13

Department Of Veterans Affairs

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