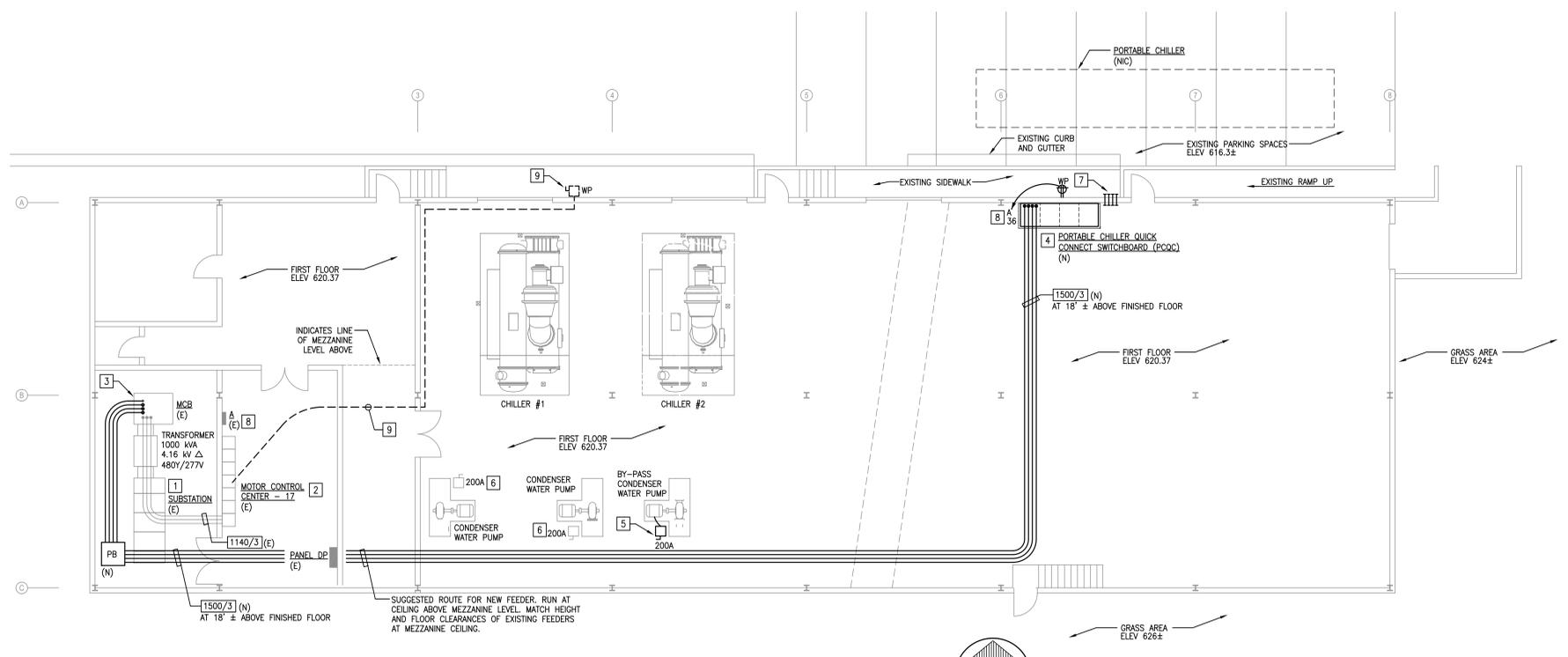


A  
 three inches = one foot  
 B  
 one and one half inches = one foot  
 C  
 one inch = one foot  
 D  
 three quarters inch = one foot  
 E  
 one half inch = one foot  
 F  
 one quarter inch = one foot  
 G  
 one eighth inch = one foot

A  
 B  
 C  
 D  
 E  
 F



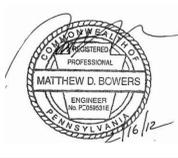
**FLOOR PLAN – EXISTING CONDITIONS AND NEW WORK**  
 SCALE: 1/8" = 1' - 0"



- DRAWING NOTES**
- EXISTING 4160V SUBSTATION TO REMAIN.
  - SCHEDULE OUTAGE ON MCC WITH OWNER IN CONJUNCTION WITH MECHANICAL WORK (CHILLED WATER SYSTEM DOWNTIME FOR PIPING CONNECTIONS) TO ALLOW FOR CONNECTION OF NEW FEEDER TO PCQC.
  - PROVIDE ADDITIONAL SECTIONS (1800A CAPACITY) OF VERTICAL COPPER BUS AT LOAD SIDE OF EXISTING 1600A BREAKER SO AS TO CREATE SPACE FOR CONNECTION OF NEW FEEDER. PROVIDE ALL COPPER BUS WORK, DRILLINGS, HARDWARE, FASTENERS, SUPPORTS, ETC AS NECESSARY FOR A COMPLETE, SAFE AND CODE COMPLIANT INSTALLATION. FEEDER CONNECTION SHALL UTILIZE NEMA 2-HOLE, LONG BARRELED, COPPER, COMPRESSION STYLE TERMINALS BOLTED TO THE BUS. REMOVE AND REINSTALL EXISTING TERMINATIONS IF NECESSARY TO MAKE NEW CONNECTIONS.
  - PROVIDE 480V, 3Φ, 3W, 1600 AMP PORTABLE CHILLER QUICK CONNECT SWITCHBOARD (PCQC) – SEE DETAIL ON E-3. PROVIDE 3" HIGH, STEEL REINFORCED, 3000 PSI CONCRETE HOUSEKEEPING PAD BENEATH SWITCHBOARD. PAD SHALL BE A MINIMUM OF 3" WIDER AND DEEPER (ALL SIDES) THAN SWITCHBOARD – SEE PAD DETAIL ON DRAWING E-1.
  - UNDER BASE BID – REMOVE EXISTING 3P, 200A, 600V NON-FUSED DISCONNECT SWITCH AND PROVIDE REPLACEMENT 3P, 200A, 600V NON-FUSED DISCONNECT SWITCH IN ITS PLACE. MOUNT SWITCH ON EXISTING FLOOR MOUNTED UNISTRUT AND CONNECT TO EXISTING (IN SLAB) LINE SIDE FEEDER AS NECESSARY. PROVIDE LOAD SIDE FEEDER TO REPLACEMENT PUMP MOTOR (3#2/0 + 1#2G IN 2" C) AND CONNECT AS NECESSARY. UNDER DEDUCTIVE ALTERNATE #3 – DO NOT PERFORM WORK AND LIST DEDUCTIVE AMOUNT ON BID FORM. COORDINATE PRICING WITH MECHANICAL CONTRACTOR.
  - UNDER BASE BID – DISCONNECT AND REMOVE EXISTING LOAD SIDE FEEDER (3#2/0 + 1#2G IN 2" C) FROM EXISTING PUMP MOTOR. PROVIDE LOAD SIDE FEEDER (3#2/0 + 1#2G IN 2" C) TO REPLACEMENT PUMP MOTOR AND CONNECT AS NECESSARY. UNDER DEDUCTIVE ALTERNATE #1 AND #2 – DO NOT PERFORM WORK AND LIST DEDUCTIVE AMOUNTS ON BID FORM. COORDINATE PRICING WITH MECHANICAL CONTRACTOR.
  - PROVIDE FOUR 4" RIGID GALVANIZED STEEL CONDUITS CHASE NIPPLES THROUGH EXISTING MASONRY WALL AT 12" AFF FOR PATHWAY OF PORTABLE CHILLER'S TEMPORARY CABLES. PROVIDE THREADED CAPS ON EXTERIOR ENDS WITH CHAINS AT CENTER OF CAP SECURED TO BUILDING WALL BENEATH EACH CONDUIT. SECURE CONDUIT IN PLACE AND SEAL PENETRATIONS WEATHER-TIGHT.
  - PROVIDE 1P, 20 A CIRCUIT BREAKER IN AVAILABLE SPACE OF PANELBOARD "A" AND CONNECT BRANCH CIRCUIT (1/2" C – 2 #12 + 1 #12C) AS NECESSARY.
  - DISCONNECT AND REMOVE EXISTING TEMPORARY 200A NON-METALLIC FEEDER CABLE. EXTERIOR WEATHERPROOF 200A DISCONNECT SWITCH AND ASSOCIATED 200A RECEPTACLE. PATCH AND PAINT RESULTING HOLES AS NECESSARY SO AS TO RESTORE FINISHES TO MATCH ADJACENT UNDISTURBED AREAS.

**FINAL CONSTRUCTION DOCUMENTS**

INFECTION CONTROL COORDINATOR Janice Myers	GENERAL PROPERTIES SECTION Steve Gray	CHIEF, A&MM SECT, CONTRACTING OFFICER Elizabeth Morin	PROJECT MANAGER (COTR) John Sauser
SAFETY/OCCUPATIONAL HEALTH MGR Scott McNally	GENERAL UTILITIES SECTION H. Edward Prange	ENVIRON HEALTH FIRE/SAFETY SECT. William Gulliver	SUPERVISOR PROJECT SECTION Michael Carcanague
PATIENT SAFETY MANAGER Lyn Ordonez	PATIENT CARE SECTION Peter Duca	VA POLICE CHIEF Gerald Bonner	SUPERVISOR, BIOMED / M&D Kimberly Sekiya



Drawing Title <b>FLOOR PLAN AND NOTES</b>		Project Title <b>EMERGENCY CHILLER MEP CONNECTION</b>		Date 19 July 2010
Approved: Chief Engineering Service Stephan Blanchard		Drawn EAW	Building Number 17	Project No. 542-09-117
Approved: Medical Center Director Gary W Devansky		Checked MDB	Location COATESVILLE, PENNSYLVANIA	DRAWING No. E-2 Dwg. 5 of 6

VA