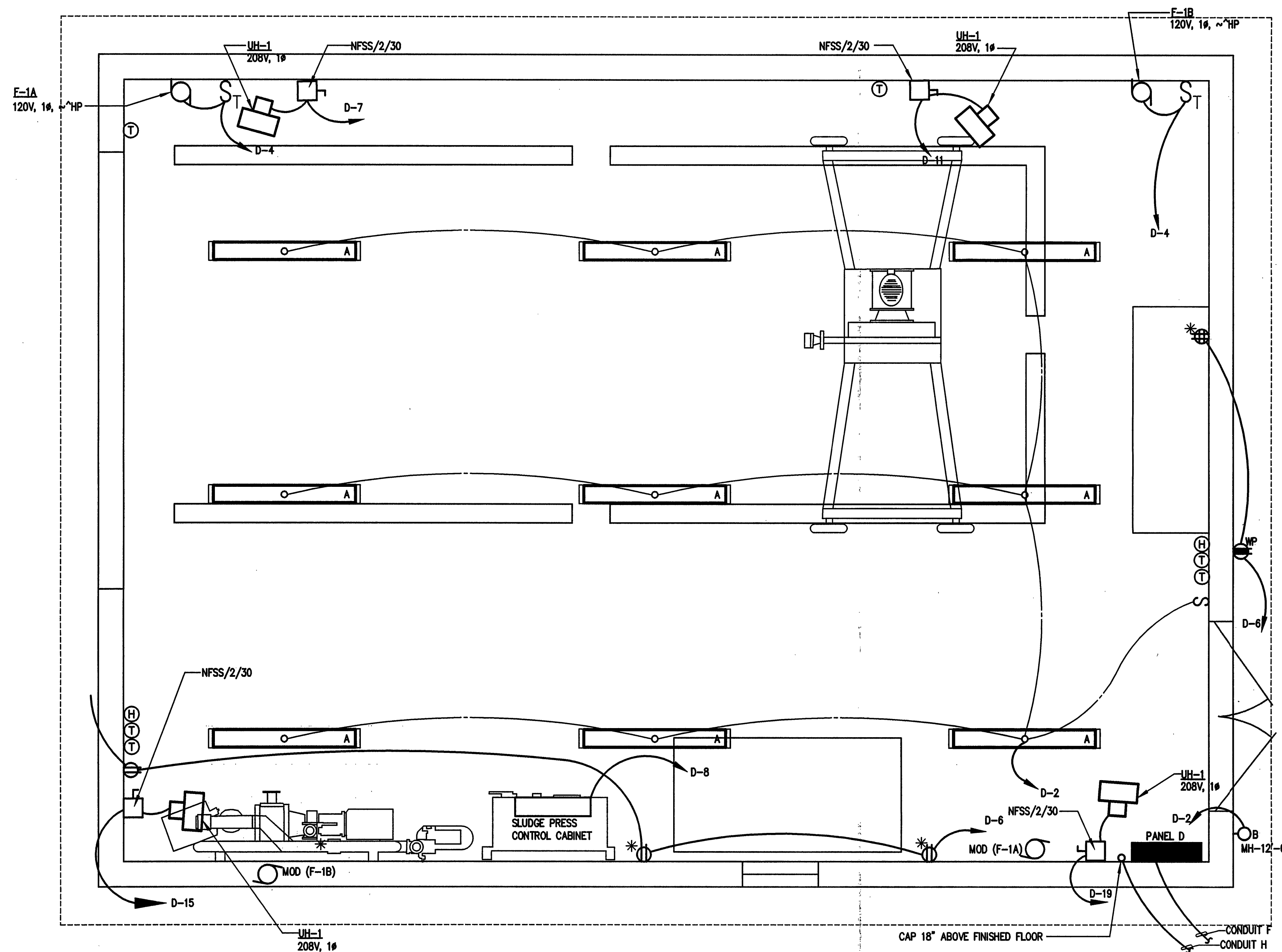




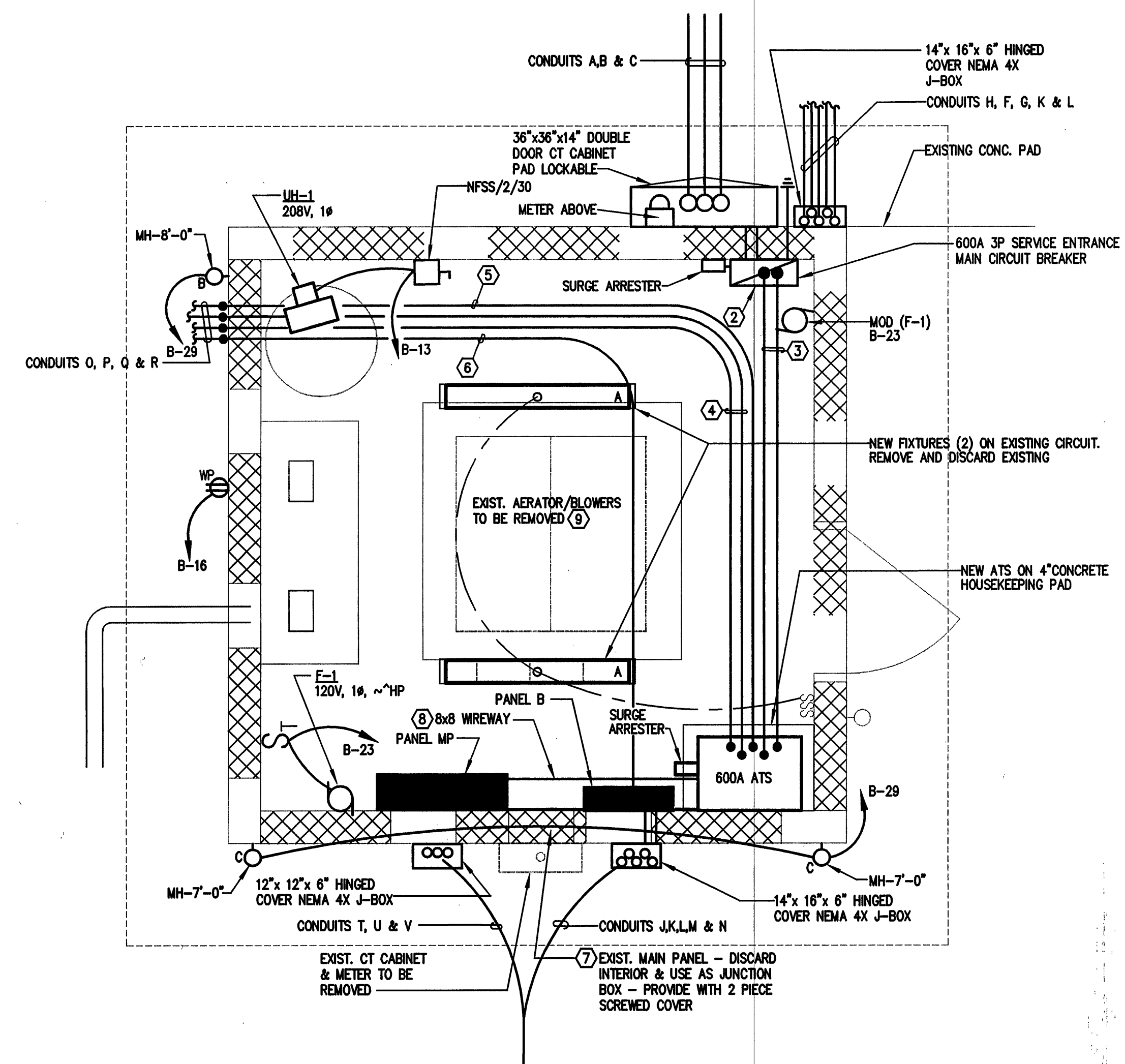
FLOOR PLAN – SLUDGE DEWATERING BUILDING

SCALE: 1/2" = 1'-0"

PLAN NOTES:

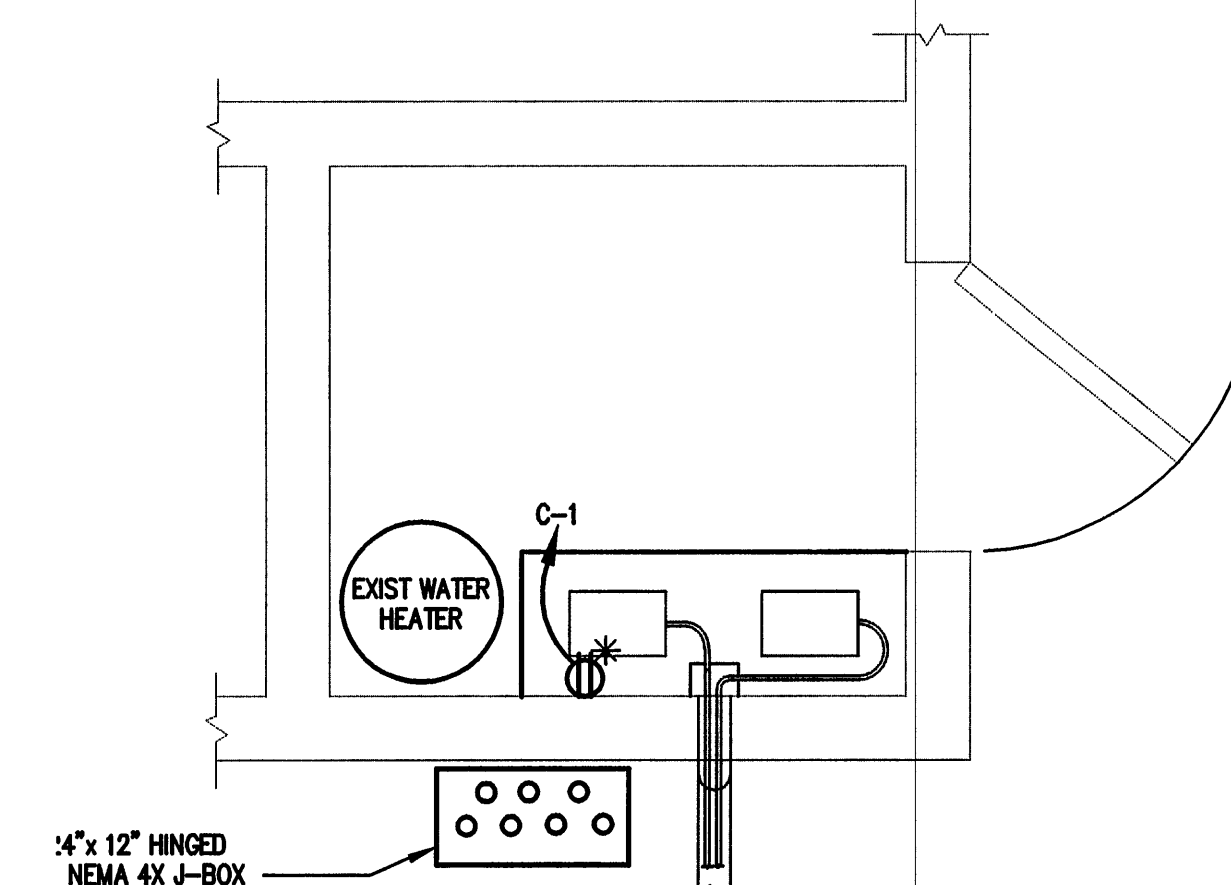
1. PROVIDE A PAD-LOCKABLE 36" X 36" X 10" DOUBLE DOOR CT CABINET AND MOUNT TO NORTHEAST EXTERIOR WALL WITH TOP 48" ABOVE GRADE. MOUNT METER ABOVE CT CABINET.
2. PROVIDE 600A, 3P CIRCUIT BREAKER SUITABLE FOR SERVICE ENTRANCE, WITH GROUND AND NEUTRAL BARS, BONDING STRAP AND NEMA 1 ENCLOSURE. MOUNTING HEIGHT 6"-6" TO TOP. PROVIDE GROUNDING ROD AND CONDUCTOR PER NEC.
3. PROVIDE TWO (2) PARALLEL RUNS OF (4) 350 kcmil AND (1) #4 GND IN A 3" RIGID GALVANIZED CONDUIT FOR NORMAL FEEDER TO THE AUTOMATIC TRANSFER SWITCH (ATS).
4. PROVIDE TWO (2) PARALLEL RUNS OF (4) 350 kcmil AND (1) #4 GND IN 3" RIGID GALVANIZED CONDUIT FOR STANDBY FEEDER TO THE ATS. USE PVC CONDUIT FOR UNDERGROUND PORTION.(CONDUITS 066P)
5. PROVIDE WIRING AS REQUIRED FOR RC CONTROLS AND ALARM FOR THE DIESEL GENSET TO THE ATS (CONDUIT Q).
6. PROVIDE POWER WIRING AS REQUIRED FOR ANCILLARY EQUIPMENT ASSOCIATED WITH THE DIESEL GENSET, INCLUDING BUT NOT LIMITED TO THE BLOCK HEATER AND THE BATTERY CHARGER (CONDUIT R).
7. AFTER NEW PANEL MP IS INSTALLED AND ENERGIZED, DISCONNECT AND REMOVE THE INTERIOR OF THE EXISTING MAIN PANEL. PROVIDE A NEW SHEET METAL COVER FOR EXISTING MAIN PANEL. SPLIT CROSSWAYS TO ALLOW THE TOP TO BE REMOVED FOR ACCESS. USE ENCLOSURE AS A SPOICE BOX TO RE-FEED THE EXISTING CIRCUITS.
8. PROVIDE A 8x4x4' WIREWAY AND CONNECT TO BOTTOM COVER OF EXISTING MAIN PANEL WITH THREE (3) 3" CHASE NIPPLES. EXTEND EXISTING BRANCH CIRCUITS AND NEW FEEDERS THROUGH WIREWAY TO CONNECT TO PANEL MP.
9. DISCONNECT EXISTING BLOWERS FOR REMOVAL TO ALLOW PROPER CLEARANCE FOR ELECTRICAL PANEL MP. COORDINATE WITH CONSTRUCTION SCHEDULE. AS ONE BLOWER MUST REMAIN IN SERVICE UNTIL NEW PLANT IS IN FULL OPERATION.

LIGHTING FIXTURE SCHEDULE				
TYPE	MOUNTING	LAMP	DESCRIPTION	REMARKS
A	SURFACE	2-F32 T8 FLUORESCENT	LITHONIA DM232120GEB	
B	WALL	1-42W TRT COMPACT FLUORESCENT	LITHONIA TWA42TRT120PE	
C	WALL	2-120W PAR38 130V HALOGEN	DUAL STONCO LAMPHOLDERS #CLD1500 ON STONCO 75F BOX WITH P110A PHOTOCELL	
D	STANCHION 11'-0" MH	2-26W TT COMPACT FLUORESCENT	G. E. MINI-GARD #MGAS2120H46-J- FGH200-001 MOUNTED ON 10' X 1-1/2' RGS CONDUIT.	CONTROL W/ PHOTOCELL ABOVE
E	SURFACE	150W PS25 I. F. INCANDESCENT 130V EXT. SERV.	VAPORTIGHT FIXTURE WITH GLOBE AND GUARD. APPLETON #VU200M	CONTROL W/ PHOTOCELL



FLOOR PLAN – EXISTING BLOWER BUILDING

SCALE: 1/2" = 1'-0"



PARTIAL FLOOR PLAN - CHLORINE
ROOM IN EXISTING CONTROL BLDG.

SCALE: 1/2" = 1'-0"