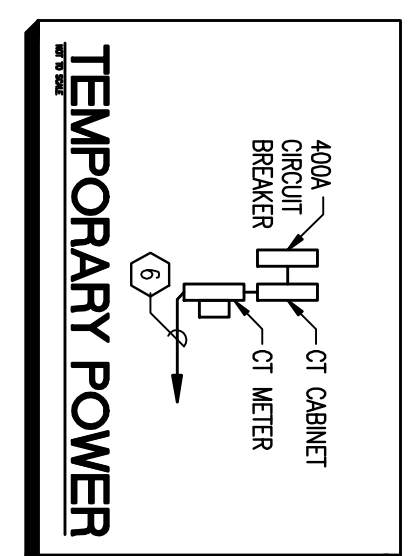
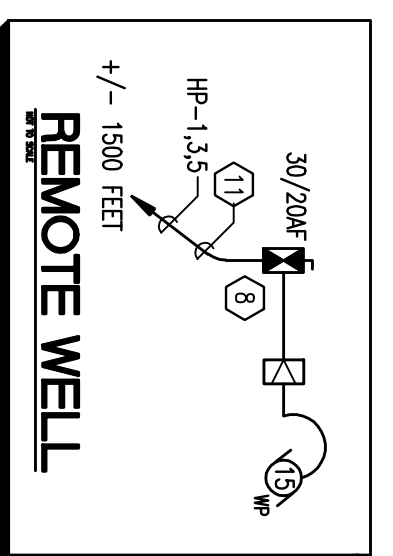


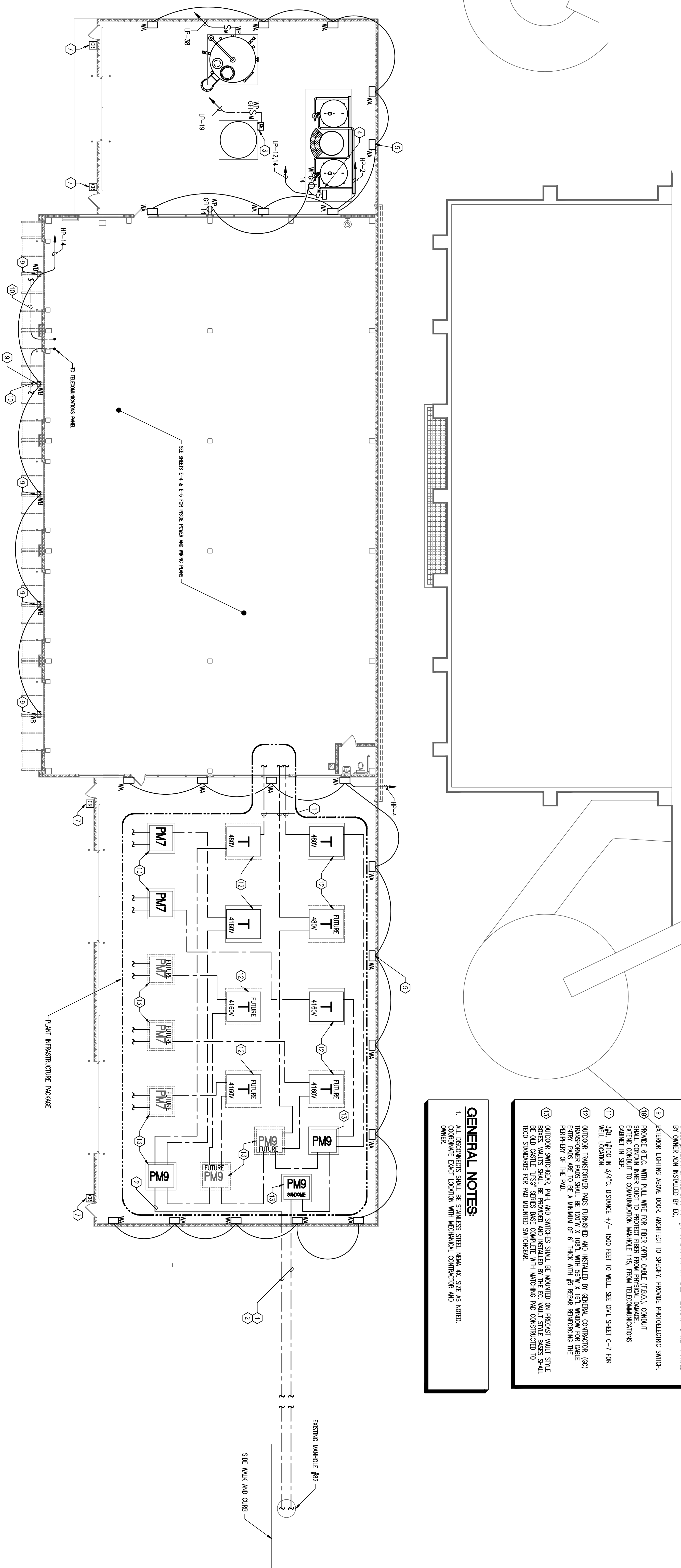
RICHARD L. HOCUTT, P.E.
 F.L.I.C. No. 67155

Signature	Date



- ELECTRICAL NOTES:**
- REFER TO ONE LINE DIAGRAM FOR WIRE SIZING AND DEVICE SPECIFICATIONS. PROVIDE 1" SPIRE CONDUIT OF EQUAL SIZE IN EACH DUCTBANK.
 - ROUTE CONDUIT/FEDERS TO EXISTING MH-82. SPlice TO EXISTING 1000 KVA AL FEEDERS.
 - 120 VOLT POWER FOR CHARGE TANK SUPPORT RECEPACLE AND SWITCH AS REQUIRED WITH UNSTRUT. COORDINATE WITH MECHANICAL.
 - 120 VOLT POWER FOR WATER SEPTENER CONTROLLER. COORDINATE WITH MECHANICAL CONTRACTOR. TERMINATE AS REQUIRED.
 - UTILITY YARD LIGHTING - PROVIDE PHOTO ELECTRIC CONTROL. REFER TO FUTURE SCHEDULE.
 - COORDINATE TEMPORARY 400AMP 480VOLT 3# SERVICE WITH USE AND/OR TEOO. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. (TEMPORARY CHILLER). REFER TO E-5 FOR ONE LINE DIAGRAM.
 - CARD READER (CR) SECURITY SYSTEM F.A.O. CONDUIT AND J-BOXES BY EC. REQUIREMENTS AND LOCATION WITH OWNER.
 - EXTEND 1" TC WITH PULL WIRE FROM CR TO SEP. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH OWNER.
 - 480 VOLT POWER FOR WELL. TERMINATE AS REQUIRED. COORDINATE WELL SERVICE WITH CIVIL CONTRACTOR. SET FUTURE 200/200V 3# 480V 3W 3L 3N 3X STAINLESS STEEL PHOTOSENER SET POINTS FOR PHOTOSENER. VARIABLE FREQUENCY DRIVE PROVIDED BY OWNER AND INSTALLED BY EC.
 - EXTERIOR LIGHTING ABOVE DOOR. ARCHITECT TO SPECIFY. PROVIDE PHOTOELECTRIC SWITCH.
 - PROVIDE 5" TC WITH PULL WIRE FOR REPER OPTIC CABLE (F.O.O.). CONDUIT TO BE INSTALLED ABOVE DOOR. PHOTOSENER TO BE PROVIDED BY OWNER. EXTEND CONDUIT TO COMMUNICATION MANHOLE 115, FROM TELECOMMUNICATIONS CABINET IN SEP?
 - 3#R. 14"OC. IN 3/4" TC. DISTANCE +/- 1500 FEET TO WELL. SEE CIVIL SHEET C-7 FOR WELL LOCATION.
 - OUTDOOR TRANSFORMER PANS FINISHED AND INSTALLED BY GENERAL CONTRACTOR. (G) TRANSFORMER PANS SHALL BE 120"W X 109"L WITH 50"W X 16"L WINDOW FOR CABLE ENTRY. PANS ARE TO BE A MINIMUM OF 6" THICK WITH #5 REBAR REINFORCING THE PERIPHERY OF THE PAN.
 - OUTDOOR SWITCHGEAR, PANS, AND SWITCHES SHALL BE MOUNTED ON PRECAST VULT STILE BOXES. VALTS SHALL BE PROVIDED AND INSTALLED BY THE EC. VULT STILE BBSR SHALL BE OLD CASTLE "LSS" SERIES BASE COMPLETE WITH MATCHING PAD CONSTRUCTED TO IECO STANDARDS FOR PAD MOUNTED SWITCHGEAR.

- GENERAL NOTES:**
- ALL DISCONNECTS SHALL BE STAINLESS STEEL NEMA 4X. SIZE AS NOTED. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR AND OWNER.



ELECTRICAL CHILLER PLANT YARD

SCALE: 3/32"=1'-0"



DRAWING TITLE :
ELECTRICAL CHILLER PLANT YARD

Drawing Progress: 100% CONSTRUCTION DOCUMENTS

FILE NAME: 081106_E-2.MWG
 DATE: 03-31-2009
 PLOT SIZE: AS NOTED
 CALDED BY: SMN
 DESIGNED BY: SCC
 CHECKED BY: TSH

PROJECT NO.
 081106

SHEET NO.
 E-2

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