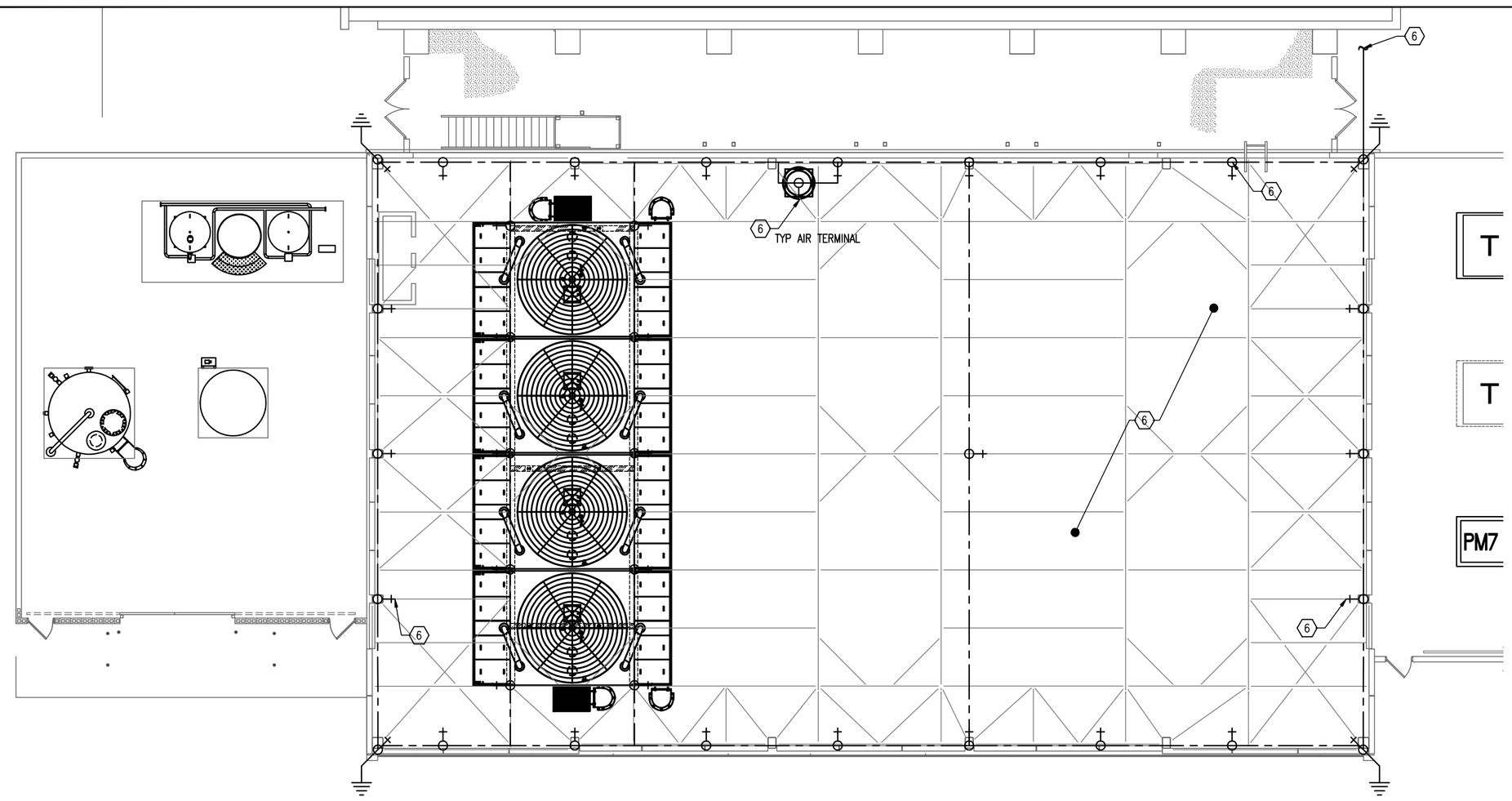
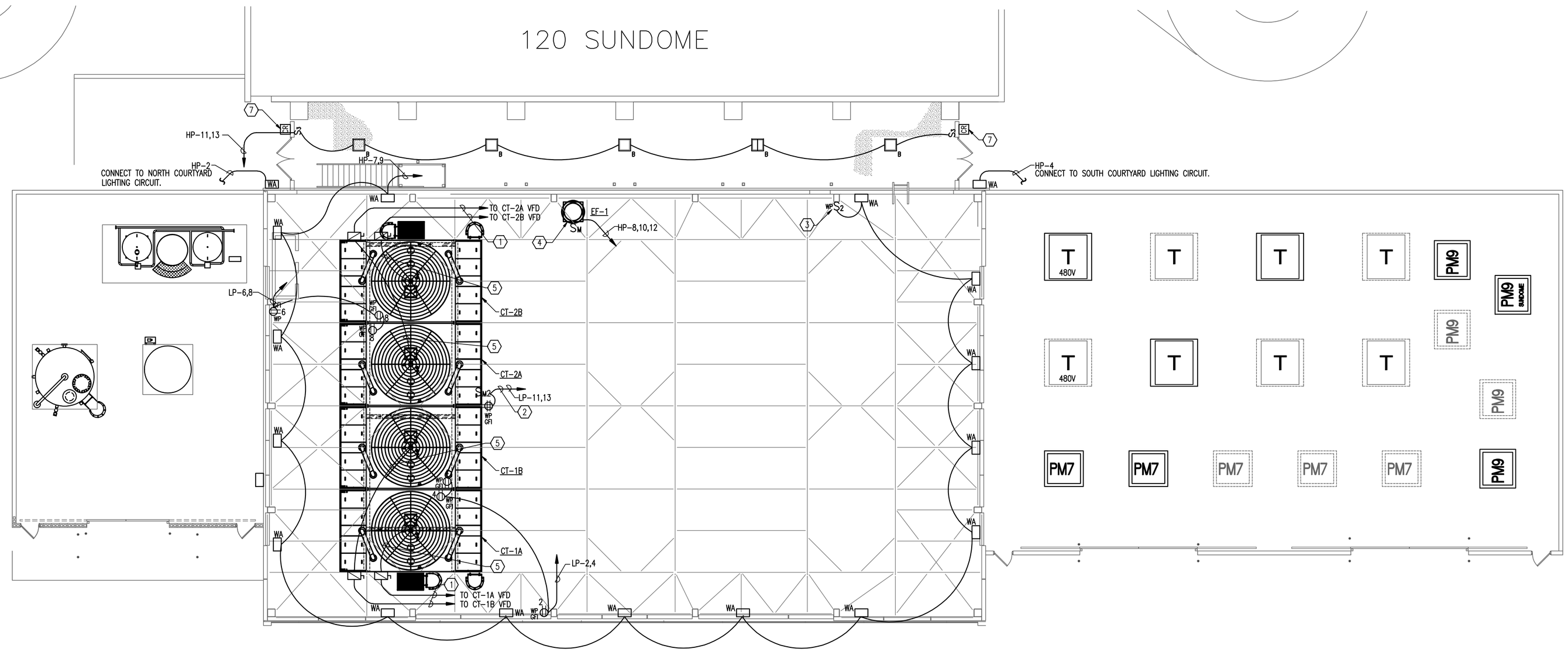


LIGHTNING PROTECTION PLAN

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



ELECTRICAL - ROOF/COOLING TOWER PLAN

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

ELECTRICAL NOTES:

1. REFER TO ONE LINE DIAGRAM FOR WIRE SIZING AND DEVICE SPECIFICATIONS. PROVIDE 1-SPARE CONDUIT OF EQUAL SIZE IN EACH DUCTBANK.
2. 120 VOLT POWER FOR CHEMICAL INJECTORS AND LAKEWOOD CONTROLLER. COORDINATE WITH MECHANICAL CONTRACTOR.
3. COOLING TOWER/ROOF LIGHTING. PROVIDE SWITCH ON COLUMN CLOSE TO STAIRWAY ENTRANCE.
4. EXHAUST FAN EF-1
5. CONNECT TO COOLING TOWER FAN MOTOR IN WINDSTREAM OF TOWER. REFER TO ONE-LINE DIAGRAM FOR WIRING AND CONDUIT SPECIFICATIONS.
6. PROVIDE UL MASTER LABEL LIGHTING PROTECTION SYSTEM PER UL 96A, LPI-75, AND NFPA-780. BOND TO LIGHTNING PROTECTION SYSTEM ON SUNDOME.

GENERAL NOTES:

1. ALL DISCONNECTS SHALL BE STAINLESS STEEL NEMA 4. SIZE AS NOTED. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR AND OWNER.

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SEAL

RICHARD L. HOCUTT, P.E
FL. LIC. No. 67155

Signature Date

DRAWING REVISIONS

REVISION	COMMENTS:
1	
2	
3	
4	
5	
6	

UNIVERSITY OF SOUTH FLORIDA
SOUTH EAST CHILLER PLANT
BR-590 COMPONENT #6

12225 USF MAPLE DRIVE
TAMPA, FLORIDA 33620

DRAWING TITLE :
ELECTRICAL - ROOF/COOLING TOWER PLAN

Drawing Progress: 100% CONSTRUCTION DOCUMENTS

FILE NAME:	081106_E-3.DWG
DATE:	03-31-2009
PLOT SIZE:	AS NOTED
CADDED BY:	SRN
DESIGNED BY:	SCC
CHECKED BY:	TSH

PROJECT NO.
081106

SHEET NO.
E-3
3 OF 7

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