

GENERAL SHEET NOTES




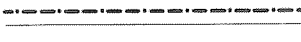
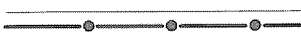



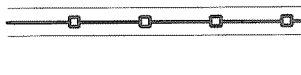
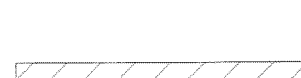
- A. SEE LIGHTNING PROTECTION DETAILS ,SHEET DE603 FOR ADDITIONAL INFORMATION.
- B. THE CONTRACTOR SHALL PROVIDE AIR TERMINALS ON EACH PIECE OF MECHANICAL EQUIPMENT ADDED TO ROOF AREA AND CONNECT ALL TO THE EXISTING LIGHTNING PROTECTION SYSTEM. THE COMPLETED SYSTEM SHALL BE IN COMPLETE COMPLIANCE WITH THE PROJECT SPECIFICATIONS, COMPLIANT WITH THE LATEST APPLICABLE NEC, NFPA 780 "STANDARD FOR THE INSTALLATION OF LIGHTNING PROTECTION SYSTEMS", AND UL 96 "LIGHTNING PROTECTION COMPONENTS" FOR A CLASS I BUILDING.
- C. SUPPORT ALL CONDUCTORS AT 3'-0" INTERVALS MAXIMUM.
- D. BOND TO METAL BODIES OF CONDUCTANCE ON ROOF WITH MAIN SIZE CONDUCTORS AS SHOWN AND AS REQUIRED BY U.L. STANDARDS. THESE BONDS INCLUDE BUT ARE NOT LIMITED TO: EXHAUST FANS, VENTS, HANDRAILS, LADDERS, HVAC UNITS, SKYLIGHTS, ETC. OR ANY LARGE BODY SUBJECT TO DIRECT STROKE OR WHICH EXCEEDS THE HEIGHT OF ADJACENT AIR TERMINALS.
- E. BOND TO METAL BODIES OF INDUCTION LOCATED WITHIN 6'-0" OF MAIN CONDUCTOR OR OTHER BONDED OBJECT WITH APPROVED STANDARD BONDING CONDUCTOR AS SHOWN AND AS REQ'D BY U.L. STANDARDS. THESE OBJECTS INCLUDE BUT ARE NOT LIMITED TO: FASCIAS, FLASHINGS, METAL COPINGS, GRAVEL GARDENS, ROOF DRAINS, DOWNSPOUTS, ETC OR ANY METAL BODY AT OR BELOW THE ROOF SUBJECT TO INDUCTION AND WITHIN 6'-0" OF THE LIGHTNING PROTECTION SYSTEM.
- F. SYSTEM SHALL BE INSTALLED AS NEEDED TO INSURE PROPER CODE COMPLIANCE AND SYSTEM CERTIFICATION. OBTAIN VARIANCE SHALL ENTAIL RE-SUBMITTAL AND NEW APPROVAL. COMPLETED SYSTEM SHALL BE INSPECTED BY U.L. AND THE U.L. "LETTER OF FINDINGS" SHALL BE SUBMITTED TO THE OWNER SHOWING CODE COMPLIANCE.
- G. ALL DIAGRAMS ARE TYPICAL AND ARE NOT ALL INCLUSIVE.

SHEET KEYNOTES

1. PROVIDE AIR TERMINAL AND CONNECT TO LIGHTNING PROTECTION SYSTEM. REFER TO GENERAL SHEET NOTES B THROUGH G, THIS SHEET.
2. PANELBOARDS AND TRANSFORMER PROVIDED WITH MECHANICAL EQUIPMENT.
3. WEATHERPROOF JUNCTION BOX WITH TOGGLE DISCONNECT FOR 277V, 1-PHASE CONNECTION TO HEAT TRACE. COORDINATE CONNECTION POINT WITH INSTALLER PRIOR TO ROUGH-IN.
4. 120 VOLT CONNECTION TO RETURN AIR DAMPER.
5. ALL HVAC EQUIPMENT CONNECTIONS, LIGHTING, RECEPTACLES AND CONNECTIONS PROVIDED BY 1-AHU/47 EQUIPMENT MANUFACTURER.

BARRIER / WALL LEGEND

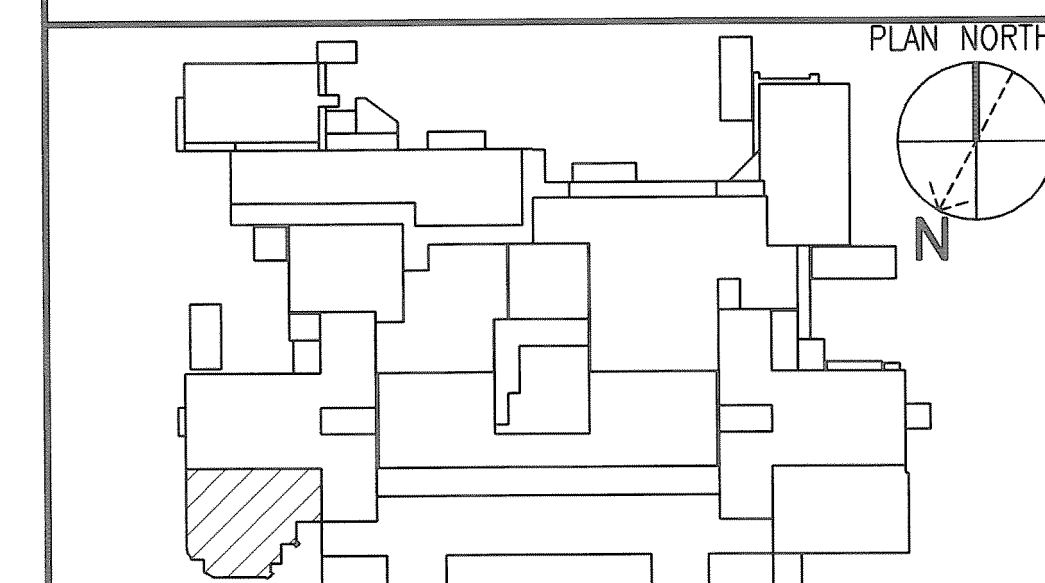
REFER TO SHEET PD-102 FOR REQUIRED RATINGS

	EXISTING ELEMENT <u>TO BE REMOVED</u>
	EXISTING ELEMENT TO REMAIN
	NEW PARTITION / BARRIER / WALL
	SMOKE-RESISTIVE WALL
	1-HOUR RATED FIRE BARRIER
	2-HOUR RATED FIRE BARRIER
	1-HOUR RATED FIRE SMOKE BARRIER
	2-HOUR RATED FIRE SMOKE BARRIER
	HATCHING INDICATES AREAS OUTSIDE <u>PRIMARY</u> PROJECT LIMITS. SOME ACCESSORY WORK WILL OCCUR IN SHADED AREAS. REFER TO ALL DISCIPLINE DRAWINGS FOR COMPLETE SCOPE
	CONCRETE SHEAR WALL

COORDINATION DRAWINGS

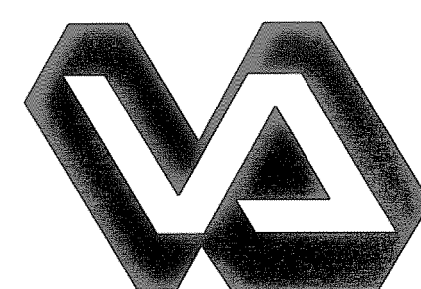
SEE COVER SHEET FOR COORDINATION NOTES.

KEYPLAN

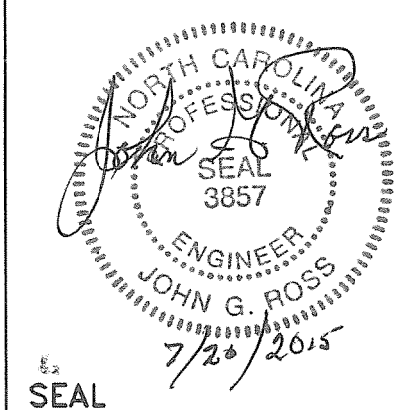


(F2) OVERALL ROOF POWER AND LIGHTNING PROTECTION PLAN
SCALE: 1/8" = 1'-0" 

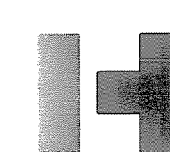
REVISION NO.	REVISION DESCRIPTION	
1	Clarification #1	07/20/2015
Revisions		By Date



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Recommended Approvals:	
1. CHIEF, ENGINEERING SERVICE	
2. PROJECT MANAGER	

Drawing Title	OVERALL ROOF POWER AND LIGHTNING PROTECTION PLAN
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BUILDING IS FULLY
SPRINKLERED

CONSTRUCTION DOCUMENTS

Project Title
EXPAND/REPAIR INTENSIVE
CARE UNIT, STEP DOWN
UNIT, AND PULMONARY

Drawn	
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WAO	
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	Checked
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Building Number

1

Reviewed 

Date _____

05/29/2015

Project Number
E24 205

534-323

DRAWING No.
E 102

E-103

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