

GENERAL NOTES:

- PROVIDE ELECTRICAL CONNECTIONS TO ALL NEW EQUIPMENT.
- INSTALL NEW FOAMGLASS INSULATION WITH 30 MIL PVC JACKETING ON ALL NEW CHILLED WATER PIPING.
- PROVIDE ALL CEILING WORK AND/OR WALL PENETRATIONS AS REQUIRED FOR COMPLETED INSTALLATION.
- INSTALL ROOF CURBS PROVIDED BY OTHERS AND FLASH ROOFING USING ROOFER HOLDING WARRANTY ON ROOF.
- INSTALL DRIP PANS WITH LEAK DETECTORS UNDER ALL COILS AND PIPING ABOVE CEILING IN DATA CENTER SPACE,
- SEE SHEET M-302 FOR ROOF PLAN, CHILLED WATER CONNECTION, & CONDENSING UNIT INSTALLATION REQUIREMENTS
- COORDINATE UNIT INSTALATION WITH ALL EXISTING DUCTWORK, AIR DEVICES, ELECTRICAL CONDUIT, AND SPRINKLER PIPING TO AVOID CONFLICTS. RE-ROUTE AND RECONNECT ALL SYSTEMS AFFECTED BY THE NEW COOLING UNIT INSTALLATION.
- INSULATE THE SUCTION LINE WITH 1" ARMAFLEX INSULATION.

SHEET NOTES

- 1 INSTALL 5 TON CEILING MOUNT MINIMATE UNIT IN TRAINING ROOM G113.
- 2 INSTALL A NEW CONDENSATE DRAIN LINE TO EXISTING DRAIN.
- 3 INSTALL A NEW 1-1/2" ChWS&R TO AC-1 & AC-2 LOCATED IN ROOM G113.
- 4 INSTALL A 5/8"OD LIQUID LINE AND A 1-1/8" SUCTION LINE FROM EACH CONDENSER TO EVAPORATOR UNIT.
- 5 INSTALL HUMIDIFIER WATER SUPPLY LINE AND CONNECT TO UNIT FULL SIZE.
- 6 48/12 EGGCRATE RA GRILLE. DUCT FULL SIZE OF GRILLE AND EXTEND RETURN DUCT AS SHOWN. PROVIDE VOLUME CONTROL DAMPER AT EACH GRILLE.
- 7 REFRIGERANT AND CHILLED WATER PIPING THRU ROOF CURB, SEE SHEET M-302 FOR CONTINUATION.
- 8 EXTEND BRANCH DUCT TO STEP DOWN DIFFUSER WITH MATCHING ROUND NECK SIZE. PROVIDE VOLUME CONTROL DAMPER AT BRANCH CONNECTION. BALANCE TO 1,250 CFM.

CAD Filename. All Drawings.dwg	
ORIGINAL SHEET SIZE: D SIZE 36x24	DATE REVISED
ADDITIONS AND REVISIONS	
35% DESIGN DRAWINGS	10/04/2013
65% DESIGN DRAWINGS	11/27/2013
65% DESIGN DRAWINGS - REVISION A	1/10/2014
100% DESIGN DRAWINGS	2/21/2014

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PROPOSED SERVER ROOM COOLING PLAN
19TH MEDICAL SUPPORT GROUP
JACKSONVILLE, AR
REPAIR OF BUILDING INFRASTRUCTURE SYSTEMS

DRAWN BY
CHECKED BY
APPROVED BY
SCALE
DATE

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BJK
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SEE PAGE
OCTOBER 2013

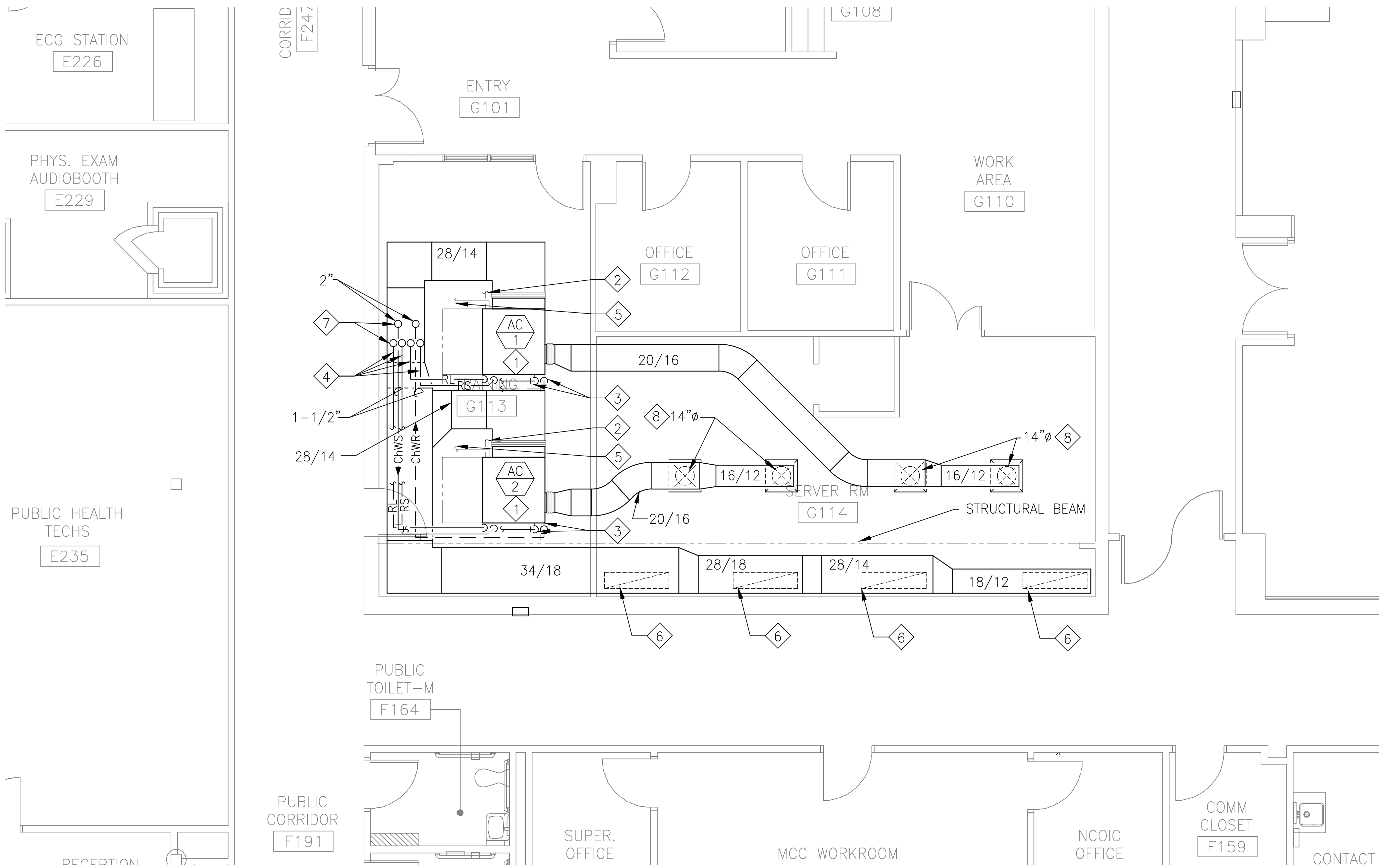
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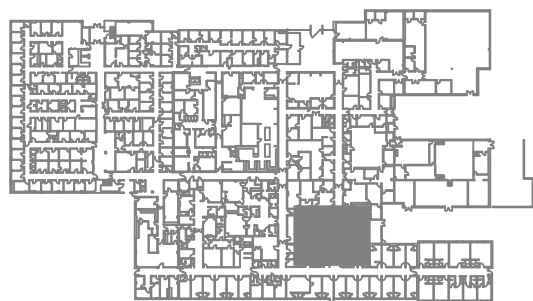
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M-301

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1 PROPOSED SERVER ROOM COOLING SYSTEM
SCALE: 1/4" = 1'-0"



KEY PLAN