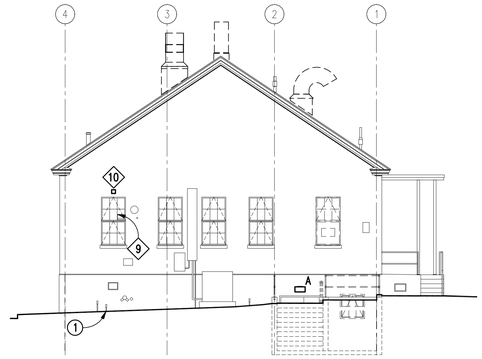
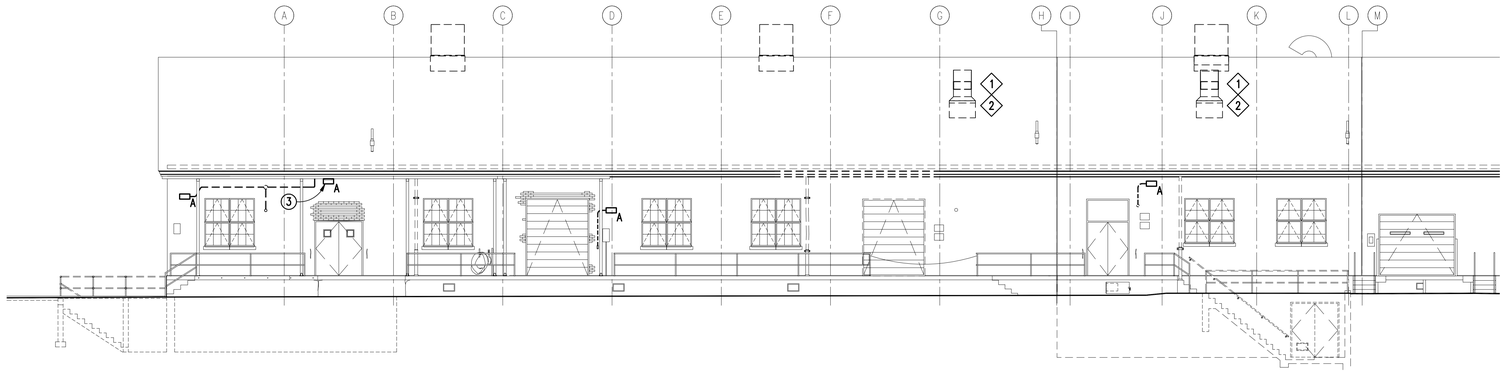
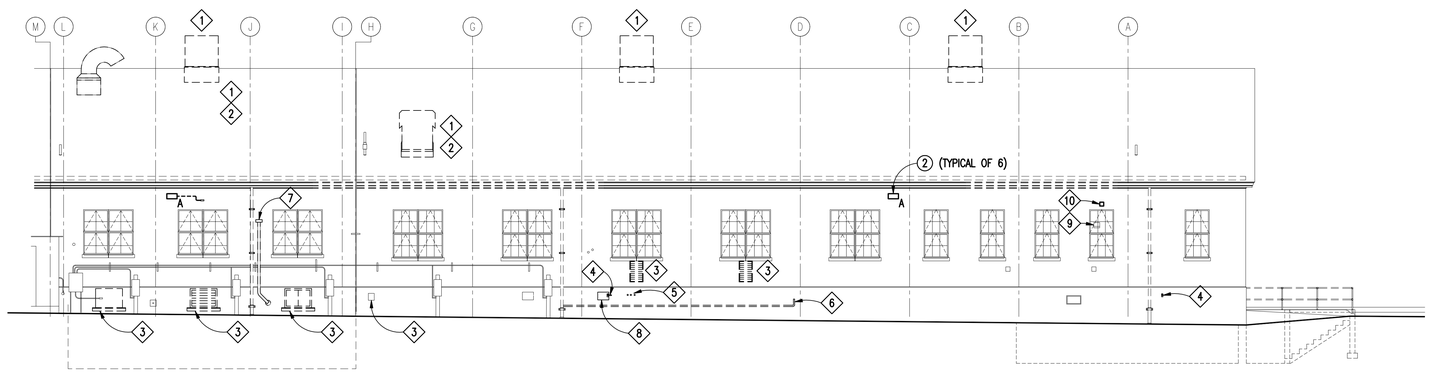


WEST ELEVATION
SCALE: 1/8" = 1'-0"



SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



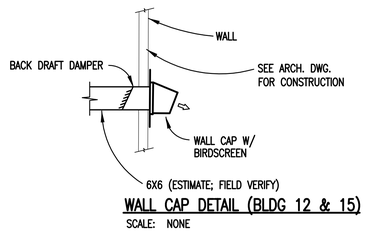
NORTH ELEVATION
SCALE: 1/8" = 1'-0"

MECHANICAL NOTES:
(THIS SHEET ONLY)

1. REMOVE ROOF VENT/INTAKE. UNIT SHALL BE REMOVED, REPAIRED, AND REINSTALLED. SAND TO BARE METAL, REPLACE RUSTED AREAS, PRIME AND PAINT.
2. ROOF VENT/INTAKE WILL BE NON-FUNCTIONING WHEN WORK IS COMPLETE. SEE ARCHITECTURAL DRAWING FOR ADDITIONAL DETAILS.
3. REMOVE LOUVER/VENT AND INFILL. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
4. REMOVE AND REPLACE HOSE BIBB. HOSE BIBB SHALL BE NON-FREEZE TYPE. ZURN MODEL Z1315 OR EQUAL.
5. REMOVE PIPING TO INTERIOR OF WALL AND CAP PIPING. INFILL WALL OPENING. SEE ARCHITECTURAL DRAWING FOR ADDITIONAL INFORMATION.
6. REMOVE EXISTING DRAIN LINE. REMOVE TO INTERIOR OF BUILDING AND CAP. INFILL WALL OPENING. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. EXISTING STEAM VENT TO REMAIN.
8. INFILL EXISTING OPENING. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
9. RELOCATE BATHROOM EXHAUST OUTLET. EXTEND DUCTWORK TO NEW WALL PENETRATION. PROVIDE BACK DRAFT DAMPER AND WALL CAP. CONTRACTOR SHALL FIELD VERIFY DUCT SIZE BEFORE BEGINNING WORK OR ORDERING MATERIAL. ESTIMATED DUCT SIZE IS 6"X6".
10. RELOCATED BATHROOM EXHAUST OUTLET. LOCATE ABOVE EXISTING LINTEL.

ELECTRICAL NOTES:
(THIS SHEET ONLY)

1. EXISTING MC CABLE ROUTED TO BELOW GRADE IS TO BE REMOVED BACK TO POINT OF SERVICE.
2. REFER TO LIGHTING FIXTURE SCHEDULE, SHEET E101.
3. REFER TO LIGHTING FIXTURE SCHEDULE, SHEET E101. FIXTURE IS MOUNTED UNDER SOFFIT.



WALL CAP DETAIL (BLDG 12 & 15)
SCALE: NONE

100% FOR CONSTRUCTION

Revisions	Date

T V H S
NASHVILLE CAMPUS

Tennessee Valley Healthcare System

T V H S
MURFREESBORO CAMPUS

TOLAND MIZELL MOLNAR
590 Means St. NW, Ste. 200
Atlanta, GA 30318
404.214.9774

RANDY PEACOCK REGISTERED ENGINEER STATE OF TENNESSEE LICENSE NUMBER NO. 101974

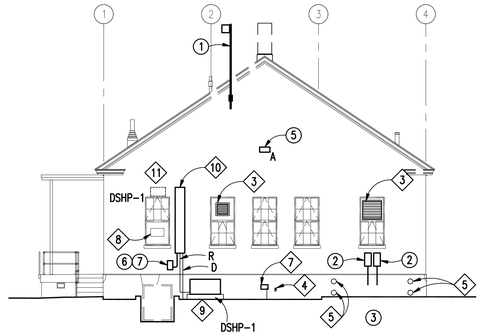
Project Title :	REVITALIZATION OF ENGINEERING & SUPPORT BUILDINGS
Drawing Title :	EXTERIOR ELEVATIONS - MECHANICAL/ELECTRICAL
Approved By :	
Approved By :	
Location :	MURFREESBORO, TENNESSEE
Building Number :	12
Checked By :	RBP
Drawn By :	SBC
Date :	02-16-2016
Project No. :	626A4-15-104
DRAWING NO.	ME100
Dwg.	Of .

Department of Veterans Affairs

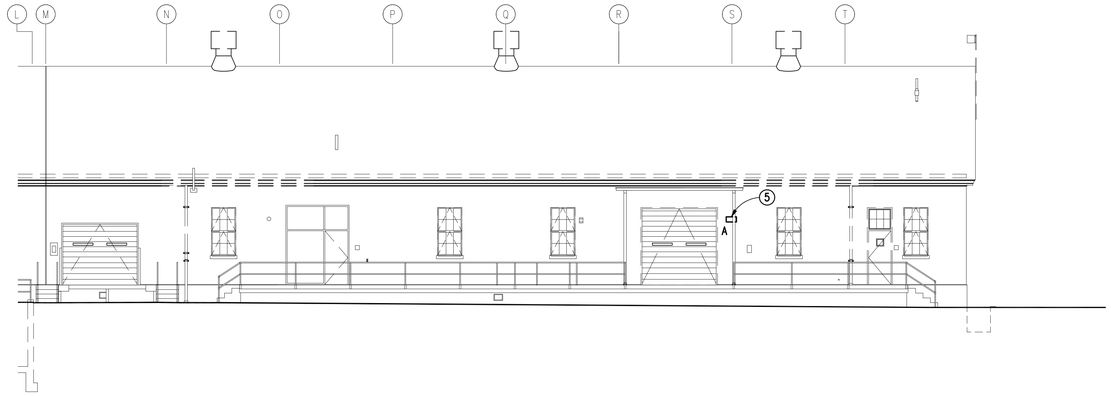
DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

MARK	MNFR TRANE	MNFR AMANA	MNFR MITSUBISH	MODEL NO.	TOTAL COOLING MBH	SEER	C.F.M.	INTEGRATED HEAT CAP MBH	NOTES
DSHP-1			*	MSZ-FH12/MUZ-FH12	12	24	300	13	1;2;3;4

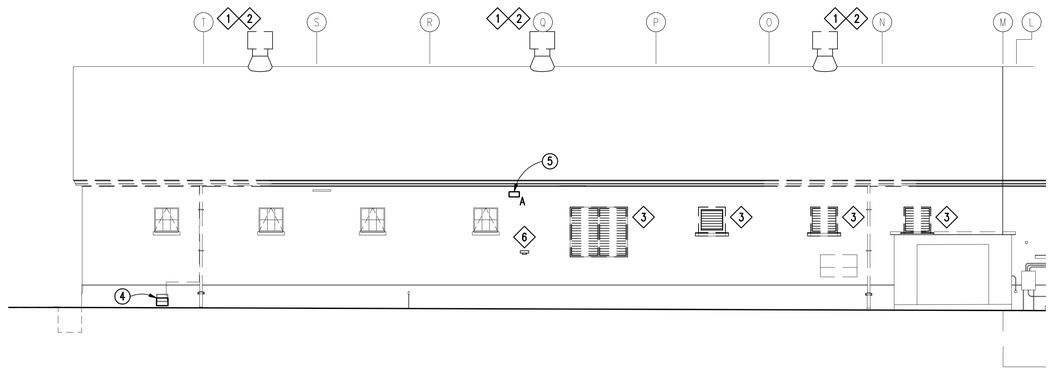
NOTES
1. AIR HANDLING UNIT & HEAT PUMP SHALL BE OF SAME MANUFACTURE AND BE DESIGNED TO OPERATE AS A SET.
2. PROVIDE HARD WIRED THERMOSTAT.
3. HEATING BASED ON 17°F OUTDOOR AIR.
4. COOLING BASED ON 95/75 °F OUTDOOR AIR.



EAST ELEVATION
SCALE: 1/8" = 1'-0"



SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



NORTH ELEVATION
SCALE: 1/8" = 1'-0"

MECHANICAL NOTES:
(THIS SHEET ONLY)

1. REMOVE ROOF VENT/INTAKE. UNIT SHALL BE REMOVED, REPAIRED, AND REINSTALLED. SAND TO BARE METAL, REPLACE RUSTED AREAS, PRIME AND PAINT.
2. ROOF VENT/INTAKE WILL BE NON-FUNCTIONING WHEN WORK IS COMPLETE. SEE ARCHITECTURAL DRAWING FOR ADDITIONAL DETAILS.
3. REMOVE LOUVER/VENT AND INFILL. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
4. REMOVE AND REPLACE HOSE BIBB. HOSE BIBB SHALL BE NON-FREEZE TYPE. ZURN MODEL Z1315 OR EQUAL.
5. REMOVE PIPING TO INTERIOR OF WALL AND CAP PIPING. INFILL WALL OPENING. SEE ARCHITECTURAL DRAWING FOR ADDITIONAL INFORMATION.
6. REMOVE CONTROL SENSOR. REMOVE CONDUIT BACK TO INTERIOR OF BUILDING. REPAIR BUILDING PENETRATION.
7. INFILL EXISTING OPENING. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
8. REMOVE WINDOW AIR CONDITIONING UNIT.
9. DUCTLESS SPLIT HEAT PUMP. PROVIDE CONCRETE PAD 6" LARGER IN ALL DIMENSIONS OF THE UNIT.
10. PROVIDE REMOVABLE SHEET METAL COVER OVER REFRIGERANT LINE SET AND CONDENSATE DRAIN. COVER SHALL BE PAINTED TO MATCH WALL. CONDENSATE TO SPILL ON GRADE. PROVIDE COPPER LINE FOR EXTERIOR INSTALLATION. CONDENSATE DRAIN SHALL EXTEND TO 4" ABOVE GRADE. SEAL ALL EXTERIOR PENETRATIONS WATER TIGHT.
11. PROVIDE WALL MOUNTED DUCTLESS SPLIT SYSTEM. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

ELECTRICAL NOTES:
(THIS SHEET ONLY)

1. ANTENNA IS TO BE REMOVED AND CABLE SERVING ANTENNA IS TO BE REMOVED IN ITS ENTIRETY.
2. DISCONNECT TO BE REMOVED AND BRANCH CIRCUITRY SERVING DISCONNECT SHALL BE REMOVED BACK TO SERVING PANEL.
3. CIRCUITS SERVING VEHICLE SCALE ARE TO BE REMOVED.
4. SURFACE MOUNTED CABLE ROUTED THROUGH THIS OPENING IS TO BE REMOVED IN ITS ENTIRETY.
5. REFER TO LIGHTING FIXTURE SCHEDULE, SHEET E101.
6. 30 AMP/2 POLE/NEMA 3R FUSED DISCONNECT FUSED AT 20 AMPS. POWER CONNECTION TO NEW HVAC UNIT.
7. ROUTE 2#12,#12G;1/2"C TO EXISTING 120/208 ELECTRICAL PANEL AT INTERIOR OF BUILDING 14 (APPROXIMATELY 100 FT. AWAY). COORDINATE EXACT CONDUIT ROUTING AT INTERIOR PRIOR TO ROUGH-IN. PROVIDE NEW 20 AMP/2 POLE BREAKER IN SPACE AVAILABLE AND MAKE ALL CONNECTIONS AS REQUIRED. PROVIDE ALL CONDUIT AND WIRE NECESSARY FOR POWER CONNECTION TO INTERIOR UNIT. COORDINATE INTERIOR ROUTING OF CONDUIT FOR CLEAN AND CONCEALED INSTALLATION.

100% FOR CONSTRUCTION

Revisions	Date

TVHS NASHVILLE CAMPUS

Tennessee Valley Healthcare System

TVHS MURFREESBORO CAMPUS

TOLAND MIZELL MOLNAR
590 Means St. NW, Ste. 200
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404.214.9774

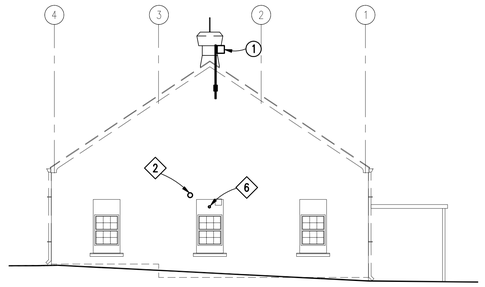
RANDY PEACOCK REGISTERED ENGINEER STATE OF TENNESSEE

Project Title :	REVITALIZATION OF ENGINEERING & SUPPORT BUILDINGS
Drawing Title :	EXTERIOR ELEVATIONS - MECHANICAL/ELECTRICAL
Approved By :	
Approved By :	
Location:	MURFREESBORO, TENNESSEE
Building Number :	14
Checked By :	RBP
Drawn By :	SBC
Date :	02-16-2016
Project No. :	626A4-15-104
DRAWING NO.	ME101
Dwg.	Of .

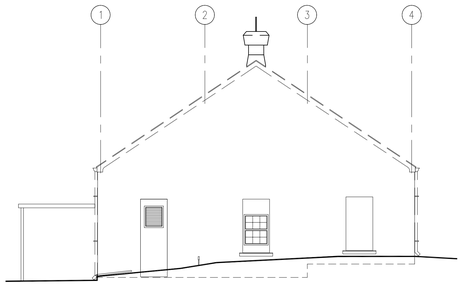
Department of Veterans Affairs

MECHANICAL NOTES:
(THIS SHEET ONLY)

1. REMOVE ROOF VENT/INTAKE. UNIT SHALL BE REMOVED, REPAIRED, AND REINSTALLED. SAND TO BARE METAL, REPLACE RUSTED AREAS, PRIME AND PAINT.
2. NEW PENETRATION LOCATION. EXTEND DUCTWORK PAST EXTERIOR WALL IN MINIMUM OF 12". CUT END OF DUCT BACK AT A 45 DEGREE ANGLE. PROVIDE WIRE MESH BIRD SCREEN ON END OF DUCT. SEAL WATER TIGHT.
3. PROVIDE REMOVABLE SHEET METAL COVER OVER REFRIGERANT LINE AND CONDENSATE DRAIN. COVER SHALL BE PAINTED TO MATCH WALL INFILL PANELS.
4. RELOCATE FAN. EXTEND DUCTWORK TO NEW FAN LOCATION. CONTRACTOR STILL FIELD VERIFY DUCT SIZE BEFORE BEGINNING WORK OR ORDERING MATERIAL. EXTEND ALL CONTROLS AND ELECTRICAL SERVICES AS REQUIRED FOR CONTINUED OPERATION.
5. NEW EXHAUST FAN LOCATION.
6. RELOCATE EXHAUST DUCT PENETRATION EXTEND DUCTWORK TO NEW PENETRATION LOCATION. DUCTWORK SHALL BE STAINLESS STEEL NO LIGHTER THAN 16 GAUGE. CONTRACTOR SHALL FIELD VERIFY SIZE BEFORE BEGINNING WORK.



EAST ELEVATION
SCALE: 1/8" = 1'-0"



WEST ELEVATION
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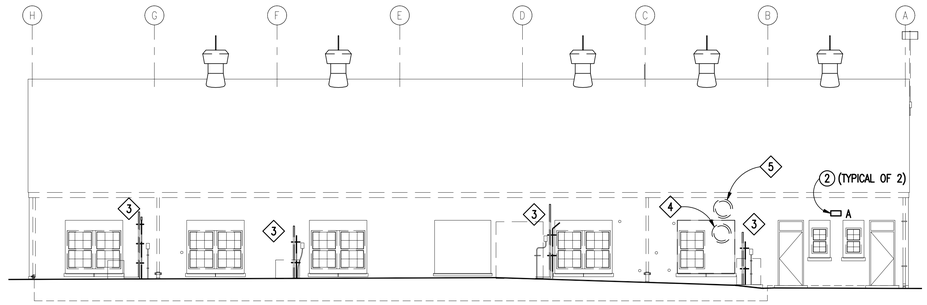
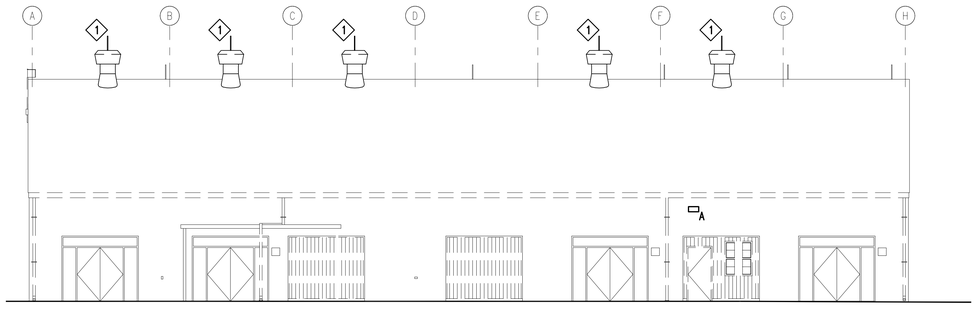


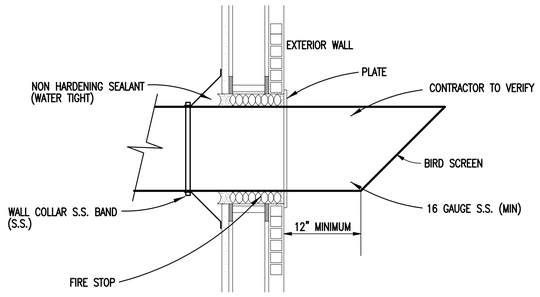
SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



NORTH ELEVATION
SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES:
(THIS SHEET ONLY)

1. ANTENNA IS TO BE REMOVED AND CABLE SERVING ANTENNA IS TO BE REMOVED IN ITS ENTIRETY.
2. REFER TO LIGHTING FIXTURE SCHEDULE, SHEET E101.



DUCT WALL PENETRATION
SCALE: NONE

100% FOR CONSTRUCTION

Revisions	Date

TVHS NASHVILLE CAMPUS

Tennessee Valley Healthcare System

TVHS MURFREESBORO CAMPUS

TOLAND MIZELL MOLNAR
590 Means St. NW, Ste. 200
Atlanta, GA 30318
404.214.9774

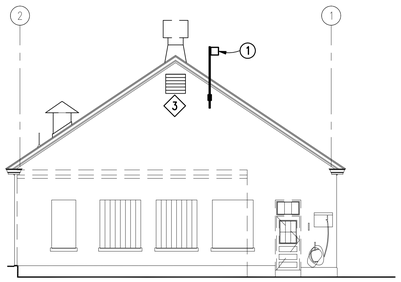
RANDY PEACOCK REGISTERED ENGINEER No. 10 1978 STATE OF TENNESSEE

Project Title :	REVITALIZATION OF ENGINEERING & SUPPORT BUILDINGS
Drawing Title :	EXTERIOR ELEVATOINS - MECHANICAL/ELECTRICAL
Approved By :	
Approved By :	
Location :	MURFREESBORO, TENNESSEE
Building Number :	13
Checked By :	RBP
Drawn By :	SBC
Date :	02-16-2016
Project No. :	626A4-15-104
DRAWING NO.	ME102
Dwg.	Of .

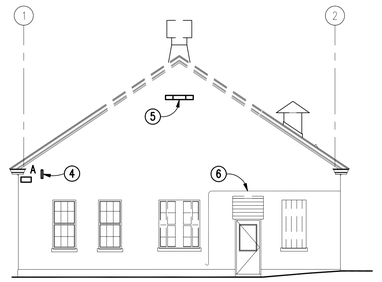
Department of Veterans Affairs

VA FORM 08-6231A, MAR 1984

U.S.GOVERNMENT PRINTING OFFICE:1984-440-867



EAST ELEVATION
SCALE: 1/8" = 1'-0"



WEST ELEVATION
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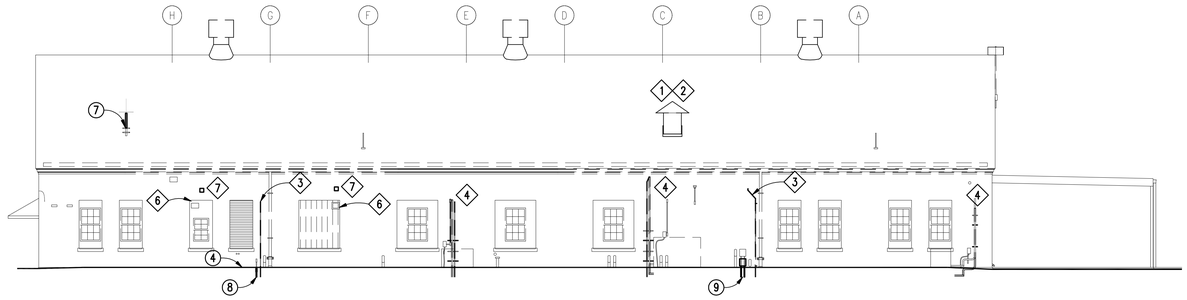
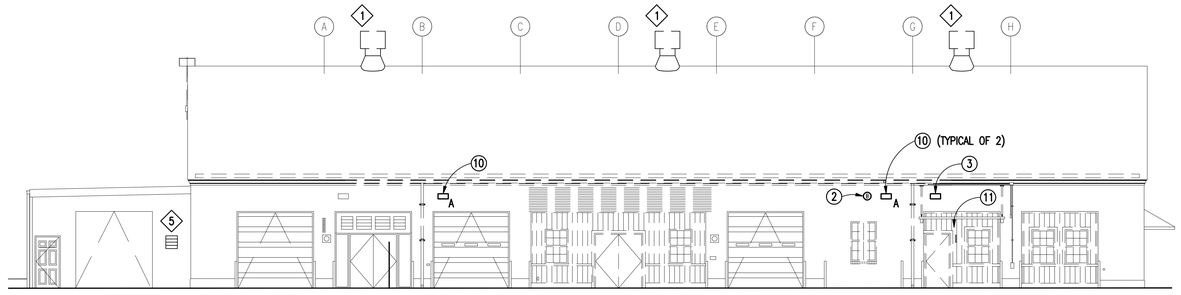


SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



NORTH ELEVATION
SCALE: 1/8" = 1'-0"

MECHANICAL NOTES:
(THIS SHEET ONLY)

1. REMOVE ROOF VENT/INTAKE. UNIT SHALL BE REMOVED, REPAIRED, AND REINSTALLED. SAND TO BARE METAL, REPLACE RUSTED AREAS, PRIME AND PAINT.
2. ROOF VENT/INTAKE WILL BE NON-FUNCTIONING WHEN WORK IS COMPLETE. SEE ARCHITECTURAL DRAWING FOR ADDITIONAL DETAILS.
3. REMOVE EXISTING PIPE TO INTERIOR OF BUILDING AND CAP. REFER TO ARCHITECTURAL DRAWINGS FOR WALL REPAIR.
4. PROVIDE REMOVABLE SHEET METAL COVER OVER REFRIGERANT LINES AND CONDENSATE DRAIN. COVER SHALL BE PAINTED TO MATCH WALL.
5. EXISTING TO REMAIN LOUVER.
6. RELOCATE BATHROOM EXHAUST OUTLET. EXTEND DUCTWORK TO NEW WALL PENETRATION. PROVIDE BACKDRAFT DAMPER AND WALL CAP. CONTRACTOR SHALL FIELD VERIFY DUCT SIZE BEFORE BEGINNING WORK OR ORDERING MATERIAL. ESTIMATED DUCT SIZE IS 6X6.
7. RELOCATED BATHROOM EXHAUST OUTLET.

ELECTRICAL NOTES:
(THIS SHEET ONLY)

1. ANTENNA IS TO BE REMOVED AND CABLE SERVING ANTENNA IS TO BE REMOVED IN ITS ENTIRETY.
2. ALARM BELL IS TO BE REMOVED AND SERVING CABLING SHALL BE REMOVED IN ITS ENTIRETY.
3. LIGHT FIXTURE TO BE REMOVED AND SURFACE MOUNTED BRANCH CIRCUITRY SHALL BE REMOVED BACK TO NEAREST SURFACE MOUNTED JUNCTION BOX.
4. ELBOW TO BE REMOVED AND BRANCH CIRCUITRY TO BE REMOVED BACK TO NEAREST JUNCTION INSIDE BUILDING.
5. ANTENNA MOUNT TO BE REMOVED.
6. SURFACE MOUNTED COAX CABLE TO BE REMOVED BACK TO SOURCE.
7. ANTENNA TO BE REMOVED. SERVING CABLE TO BE REMOVED BACK TO SOURCE.
8. LB TO BE REMOVED AND BRANCH CIRCUITRY TO BE REMOVED BACK TO NEAREST JUNCTION BOX INSIDE BUILDING. BRANCH CIRCUITRY ROUTED TO BELOW GRADE TO BE TRACED AND REMOVED TO LOAD THAT WAS SERVED.
9. LB TO BE REMOVED AND BRANCH CIRCUITRY TO BE REMOVED BACK TO NEAREST JUNCTION INSIDE BUILDING. EMPTY CONDUIT ROUTED TO BELOW GRADE IS TO BE CUT OFF BELOW GRADE, CAPPED AND BURIED.
10. REFER TO LIGHTING FIXTURE SCHEDULE, SHEET E101.
11. CONTRACTOR SHALL RELOCATE EXISTING RECEPTACLE AND DATA OUTLET TO BE FLUSH MOUNTED IN NEW GYP BOARD WALL AT INTERIOR LOCATION. COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR EXACT LOCATION OF NEW WALL SURFACE. PROVIDE ALL NEW CONDUIT, CONDUCTORS, CABLING, DEVICES, JUNCTION BOX, COVER PLATES, ETC. FOR A COMPLETE AND OPERABLE INSTALLATION.

100% FOR CONSTRUCTION

Revisions	Date

VA FORM 08-6231A, MAR 1984

TVHS NASHVILLE CAMPUS

Tennessee Valley Healthcare System

TVHS MURFREESBORO CAMPUS

TOLAND MIZELL MOLNAR
590 Means St. NW, Ste. 200
Atlanta, GA 30318
404.214.9774

REGISTERED ENGINEER — RANDY PEACOCK — No. 10 19326 — STATE OF TENNESSEE

Project Title :	REVITALIZATION OF ENGINEERING & SUPPORT BUILDINGS
Drawing Title :	EXTERIOR ELEVATIONS - MECHANICAL/ELECTRICAL
Approved By :	
Approved By :	
Location :	MURFREESBORO, TENNESSEE
Building Number :	15
Checked By :	RBP
Drawn By :	SBC
Date :	02-16-2016
Project No. :	626A4-15-104
DRAWING NO.	ME103
Dwg.	Of .

Department of Veterans Affairs

U.S.GOVERNMENT PRINTING OFFICE:1984-440-867

GENERAL NOTES:
(THIS SHEET ONLY)

A. METAL BODIES OF INDUCTANCE LOCATED ABOUT THE ROOF SUCH AS; METAL FLASHING, GRAVEL STOPS, ROOF DRAINS, SOIL PIPE VENTS, INSULATION VENTS, LOUVERS AND DOOR FRAMES SITUATED WITHIN 6'-0" OF A LIGHTNING CONDUCTOR OR BONDED METAL BODY SHALL BE INTERCONNECTED TO THE LIGHTNING CONDUCTOR SYSTEM.

B. NO BEND OF A CONDUCTOR SHALL FORM A FINAL INCLUDED ANGLE OF LESS THAN 90° NOR SHALL HAVE A RADIUS OF BEND OF LESS THAN 8".

C. CONDUCTORS SHALL INTERCONNECT ALL AIR TERMINALS AND SHALL FORM A TWO-WAY PATH FROM EACH AIR TERMINAL HORIZONTALLY OR DOWNWARD TO CONNECTIONS WITH GROUND TERMINALS.

D. ALL LIGHTNING PROTECTION CONDUCTORS SHALL BE FASTENED IN PLACE AT NO MORE THAN 3'-0" MAXIMUM SPACING.

E. AIR TERMINALS SHALL BE PLACED AT ALL UNPROTECTED OUTSIDE CORNERS AND LOCATED INTERMEDIATELY ON 20'-0" MAXIMUM SPACING AROUND THE ROOF PERIMETER OR RIDGE AND WITHIN 2'-0" OF OUTSIDE EDGE.

F. BOND ALL METALLIC PIPES INCLUDING WATER, FIRE, GAS, SEWER, STORM, ETC. WHICH ENTER THE STRUCTURE, TO THE NEAREST DOWN CONDUCTOR.

G. BARE COPPER LIGHTNING PROTECTION MATERIALS SHALL NOT BE INSTALLED ON ALUMINUM SURFACES.

H. THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN A NEAT AND INCONSPICUOUS MANNER SO THAT ALL COMPONENTS WILL BLEND IN WITH THE APPEARANCE OF THE BUILDING.

I. ACTUAL JOB-SITE CONDITIONS MAY NECESSITATE SLIGHT ALTERATIONS IN AIR TERMINAL AND GROUND ROD LOCATIONS.

J. MIDROOF AIR TERMINALS SHALL BE PLACED ON 50'-0" MAXIMUM SPACING.
K. IF REQUIRED, ANY SACRIFICIAL ROOFING PADS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

L. ALL ADHESIVE TYPE FITTINGS SHALL BE SET IN PLACE WITH AN APPLICATION OF CHEM LINK M-1 STRUCTURAL SEALANT OR EQUIVALENT ON NON-BALLASTED ROOFS.

M. SEAL ENDS OF CONDUITS MOISTURE-TIGHT WITH CHEM LINK M-1 STRUCTURAL SEALANT OR EQUIVALENT.

N. THE DESIGN LAYOUT AND INSTALLATION DETAILS SHOWN HEREON SHALL MEET THE REQUIREMENTS OF UNDERWRITERS' LABORATORIES STANDARD 96A FOR LIGHTNING PROTECTION SYSTEMS.

O. THE DESIGN LAYOUT AND INSTALLATION DETAILS SHOWN HEREON SHALL MEET THE REQUIREMENTS OF NATIONAL FIRE PROTECTION ASSOCIATION STANDARD #780, CURRENT EDITION.

P. THE LIGHTNING PROTECTION INSTALLATION SHALL COMPLY IN ALL RESPECTS TO THE LIGHTNING PROTECTION INSTITUTE STANDARD 175. THE INSTALLATION SHALL BE MADE BY OR UNDER THE SUPERVISION OF AN L.P.I. MASTER INSTALLER DESIGNER.

Q. THE DESIGN LAYOUT AND INSTALLATION SHOWN HEREON SHALL RECEIVE A 96A LETTER OF FINDINGS FOR BUILDING 16 AND A NEW MASTER LABEL FOR BUILDING 13 WITH THE NOTE ON THE LABEL THAT SURGE PROTECTION DEVICES WERE NOT PROVIDED UPON THE COMPLETION OF PROJECT.

BUILDINGS 13 GENERAL NOTES:
(THIS SHEET ONLY)

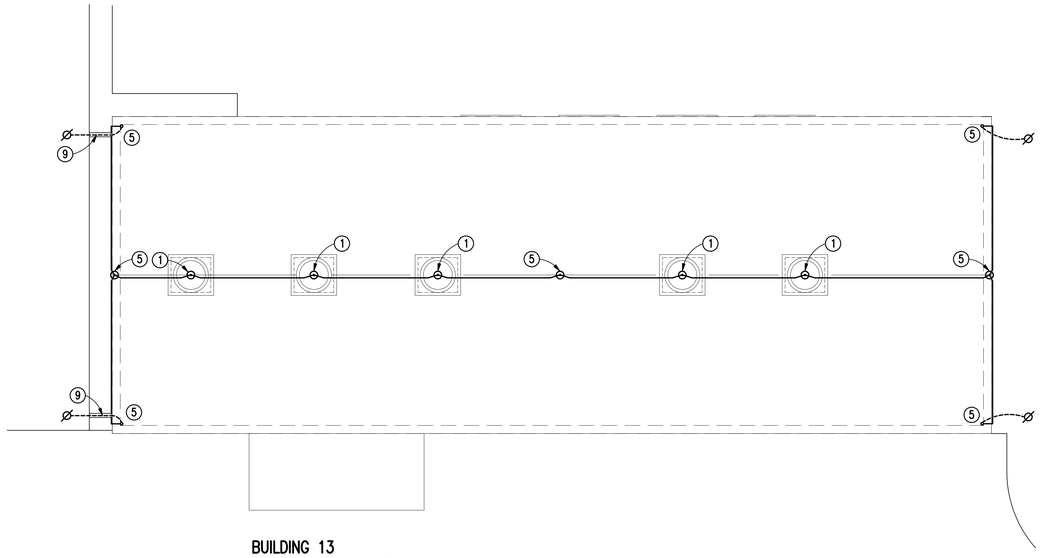
A. REMOVE THE ENTIRE EXISTING LIGHTNING PROTECTION SYSTEM AND REPLACE WITH A NEW UL-96A, NFPA-780 COMPLIANT SYSTEM COMPLETE WITH A UL MASTER LABEL.

B. CONCEAL THE LIGHTNING PROTECTION DOWN CONDUCTORS BY COURSING INSIDE THE BUILDING.

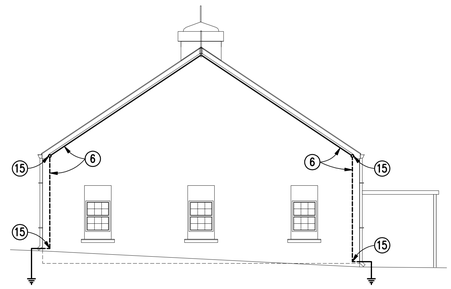
BUILDINGS 16 GENERAL NOTES:
(THIS SHEET ONLY)

A. REMOVE THE ENTIRE EXISTING LIGHTNING PROTECTION SYSTEM AND REPLACE WITH A NEW UL-96A, NFPA-780 COMPLIANT SYSTEM COMPLETE WITH A UL MASTER LABEL.

B. CONCEAL THE LIGHTNING PROTECTION DOWN CONDUCTORS BY COURSING INSIDE THE BUILDING. PROVIDE NEW PITCH POCKETS ON ROOF TO FACILITATE THE CONDUCTOR COURSING.



BUILDING 13
LIGHTNING PROTECTION PLAN
SCALE: 1/8" = 1'-0"



BUILDING 13
LIGHTNING PROTECTION EAST ELEVATION
SCALE: 1/8" = 1'-0"

LIGHTNING PROTECTION LEGEND

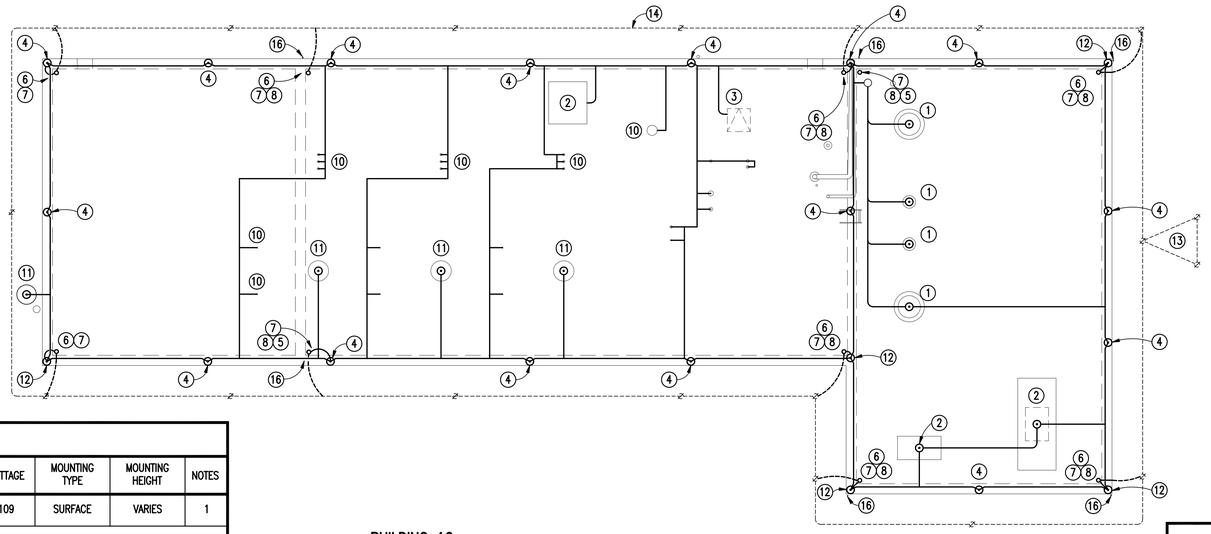
SYMBOL	DESCRIPTION
⊙	CLASS I AIR TERMINAL LOCATION
———	CLASS I COPPER CABLE, U.L. LABELED, 115,000 CIR MILS
⌀	GROUND ROD
- - - - - - - -	DOWN CONDUCTOR

LINE TYPES

– – – –	EXISTING TO REMAIN
———	NEW WORK

NOTES:
(THIS SHEET ONLY)

1. BOND EXISTING EXHAUST FAN PER DETAIL A, SHEET E501.
2. BOND EXISTING HVAC EQUIPMENT PER DETAIL B, SHEET E501.
3. BOND EXISTING ROOF HATCH PER DETAIL C, SHEET E501.
4. MOUNT AIR TERMINAL PER DETAIL E, SHEET E501.
5. MOUNT AIR TERMINAL PER DETAIL D, SHEET E501.
6. COURSE NEW DOWN CONDUCTORS INSIDE BUILDING AND PENETRATE AT GROUND LEVEL TO CONNECT TO GROUND RODS.
7. PROVIDE NEW PITCH POCKET FOR ROUTING OF NEW DOWN CONDUCTOR.
8. WHERE THE EXISTING DOWN CONDUCTOR TERMINATES IN A JUNCTION BOX, REUSE THE JUNCTION BOX FOR CONNECTION TO THE EXISTING GROUNDING SYSTEM.
9. ROUTE NEW GROUNDING CONDUCTOR UNDER EXISTING SIDEWALK AND CONNECT TO NEW GROUND ROD.
10. BOND EXISTING VENT STACK PER DETAIL L, SHEET E501.
11. BOND EXISTING VENT STACK PER DETAIL M, SHEET E501.
12. BOND EXISTING VENT STACK PER DETAIL H, SHEET E501.
13. EXISTING GROUND COUNTERPOISE.
14. EXISTING GROUND LOOP.
15. ROUTE THROUGH WALL UTILIZING RIGHT ANGLE CONDUCTOR PER DETAIL N, SHEET E501.
16. REMOVE EXISTING DOWN CONDUCTOR.



BUILDING 16
LIGHTNING PROTECTION PLAN
SCALE: 1/8" = 1'-0"

LIGHTING FIXTURE SCHEDULE

SYMBOL	MARK	FIXTURE DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	VOLTAGE	WATTAGE	MOUNTING TYPE	MOUNTING HEIGHT	NOTES
▭	A	EXTERIOR LED WALL LUMINAIRE	LITHONIA OR EQUAL BY PHILLIPS OR HUBBLE LIGHTING	DSXW2LED-30C-1000-50K-T3M-MVOLT-BBW-PER-DDBXD-DLL127F	LED	MVOLT	109	SURFACE	VARIES	1

NOTES
1. FIXTURE IS TO REPLACE ONE FOR ONE EXISTING FIXTURE WHERE SHOWN ON DRAWINGS. MOUNTING HEIGHT DEPENDS ON EXISITNG FIXUTRE MOUNTING HEIGHT.

100% FOR CONSTRUCTION

Revisions | Date

TVHS NASHVILLE CAMPUS

Tennessee Valley Healthcare System

TVHS MURFREESBORO CAMPUS

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Project Title: REVITALIZATION OF ENGINEERING & SUPPORT BUILDINGS
Drawing Title: LIGHTNING PROTECTION PLANS
Approved By:
Approved By:
Location: MURFREESBORO, TENNESSEE
Building Number: 13/16
Checked By: RBP
Drawn By: SBC
Date: 02-16-2016
Project No.: 626A4-15-104
DRAWING NO. E101
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