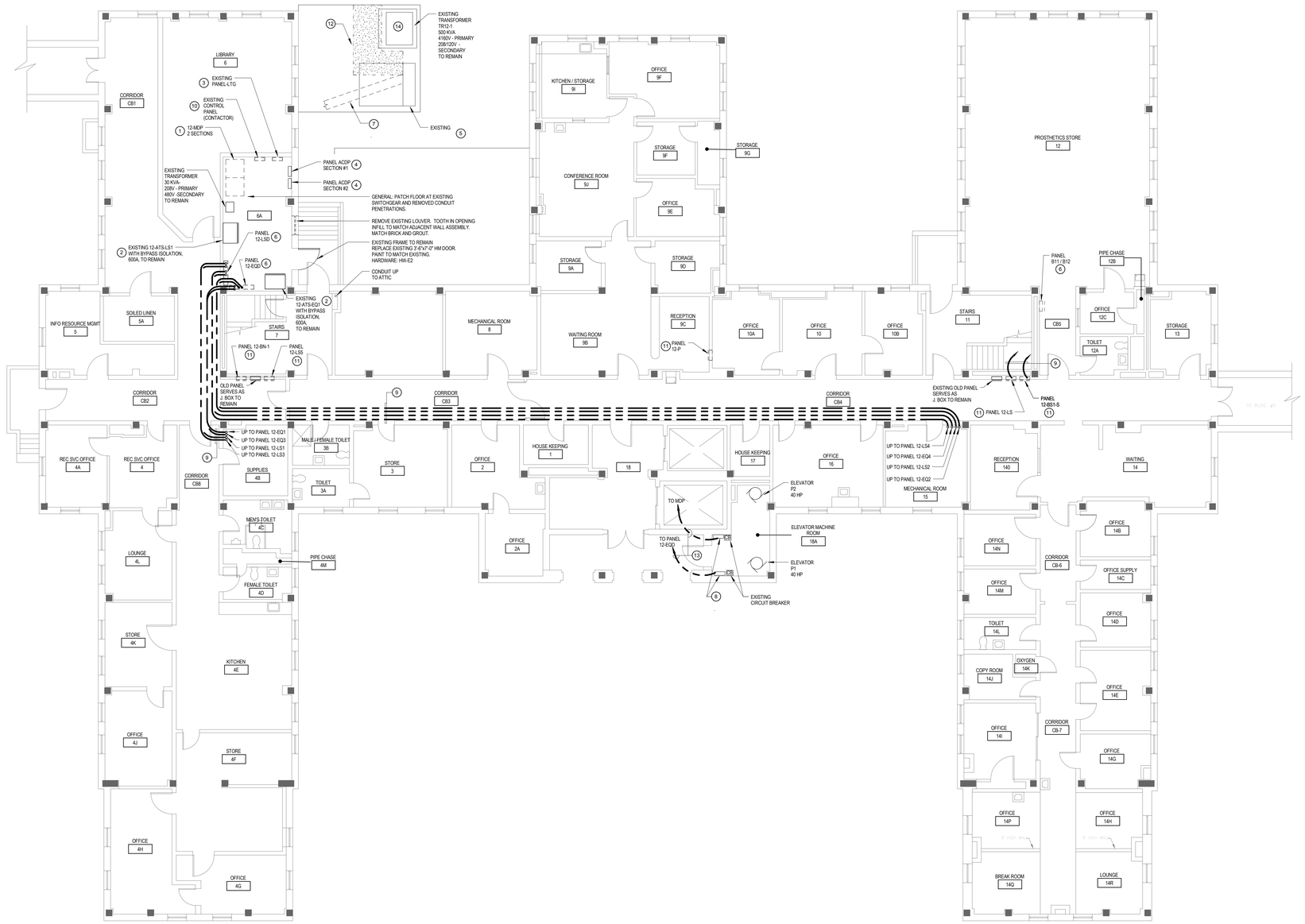

1 BUILDING 12 - ELECTRICAL DEMOLITION WORK PLAN - BASEMENT
1/8" = 1'-0"

KEY NOTES

1. EXISTING MAIN DISTRIBUTION BOARD "MDP" TO BE REMOVED IN ITS ENTIRETY.
2. EXISTING ATS TO REMAIN.
3. EXISTING PANEL TO BE RELOCATED. INTERCEPT AND EXTEND TO EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS TO NEW LOCATION.
4. EXISTING PANEL TO REMAIN.
5. EXISTING SERVICE PULLBOX TO BE REMOVED.
6. EXISTING PANEL TO BE REMOVED AND REPLACED BY NEW. REMOVE EXISTING FEEDER CONDUCTORS BACK TO SOURCE. CONDUIT SHALL REMAIN. SEE SURFACE MOUNTED PANEL REPLACEMENT DETAIL ON DRAWING #000-G007.
7. EXISTING UNDERGROUND SERVICE CONDUIT TO REMAIN. CONDUCTORS TO BE REMOVED.
8. EXISTING ELEVATOR TRANSFER SWITCH P1 AND P2 TO REMAIN.
9. EXISTING CONDUITS TO REMAIN. REMOVE CONDUCTORS.
10. EXISTING LIGHTING CONTROL PANEL / CONTACTOR TO BE RELOCATED. INTERCEPT AND EXTEND BRANCH CIRCUIT CONDUCTORS TO NEW LOCATION.
11. EXISTING PANEL TO BE REMOVED AND REPLACED BY NEW. REMOVE EXISTING FEEDER CONDUCTORS BACK TO SOURCE. CONDUIT SHALL REMAIN. SEE RECESSED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.
12. CUT EXISTING CONCRETE PAD FOR NEW SERVICE CONDUIT DUCTBANK. PATCH AND REPAIR CONCRETE PAD TO MATCH EXISTING.
13. CONDUIT RUN IN CRAWL SPACE. REMOVE CONDUCTORS BACK TO SOURCE. CONDUIT SHALL REMAIN.
14. EXISTING SECONDARY SERVICE CONDUCTORS TO BE REMOVED AND REPLACED WITH NEW.

GENERAL DEMOLITION NOTES:

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND COORDINATE ALL DEMOLITION ACTIVITIES WITH ANY NEW CONSTRUCTION AS INDICATED WITHIN THE CONSTRUCTION DOCUMENTS. DO NOT SCALE DRAWINGS.
2. CONTRACTOR SHALL PERFORM ALL NECESSARY DEMOLITION ACTIVITIES AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION AS INDICATED WITHIN THE CONSTRUCTION DOCUMENTS. COORDINATE WITH THOSE DOCUMENTS FOR EXACT DIMENSIONS AND LOCATIONS OF FINISHED WORK.
3. ALL DEMOLITION NOT SPECIFICALLY INDICATED, BUT NECESSARY TO COMPLETE THE PROJECT AS INDICATED ON THE CONSTRUCTION DOCUMENTS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR SHALL INSPECT AND ACCESS EACH SPACE AND FULFILL THE INTENT OF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS. DEVIATIONS REQUIRED BY EXISTING FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE C.O.R. PRIOR TO PROCEEDING WITH THE WORK.
5. ANY CUTTING AND REMOVAL INDICATED ON THE CONSTRUCTION DOCUMENTS ARE GENERAL INDICATIONS ONLY AND MAY NOT NECESSARILY SHOW THE FULL EXTENT OF CUTTING AND REMOVAL NECESSARY.
6. THROUGHOUT THE COURSE OF DEMOLITION ACTIVITIES, PROPERLY PROTECT ANY EXISTING CONSTRUCTION INDICATED TO REMAIN. (EXERCISE CARE WHEN REMOVING ADJACENT CONSTRUCTION AND PROPERLY REPAIR (TO ORIGINAL CONDITION) ANY AREAS SCHEDULED TO REMAIN THAT SUSTAIN DAMAGE AS A RESULT OF DEMOLITION ACTIVITIES.
7. CONTRACTOR SHALL CONSTRUCT DUST PROOF PROTECTIVE BARRIERS AS NECESSARY AT AREAS OF INTERIOR DEMOLITION TO PROTECT EXISTING CONSTRUCTION AND EQUIPMENT SCHEDULED TO REMAIN.
8. PERFORM ALL WORK REQUIRED TO PROTECT BUILDING OCCUPANTS AND EXISTING BUILDING UTILITIES. THE BUILDING WILL REMAIN IN OPERATION THROUGHOUT THE COURSE OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL NECESSARY TEMPORARY BRACING AND SHORING AS REQUIRED TO MAINTAIN THE INTEGRITY AND STRUCTURAL STABILITY OF THE BUILDING AND ITS INDIVIDUAL ELEMENTS.
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13. THE OWNER RESERVES THE RIGHT TO REMOVE AND ITEMS SCHEDULED FOR DEMOLITION PRIOR TO THE START OF DEMOLITION ACTIVITIES AND CLAIM ANY ITEMS REMOVED BY THE CONTRACTOR THROUGHOUT THE COURSE OF DEMOLITION.

NORTH

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

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AE Works Project Number: 13-028

Drawing Title
BUILDING 12- ELECTRICAL DEMOLITION WORK PLAN - BASEMENT

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

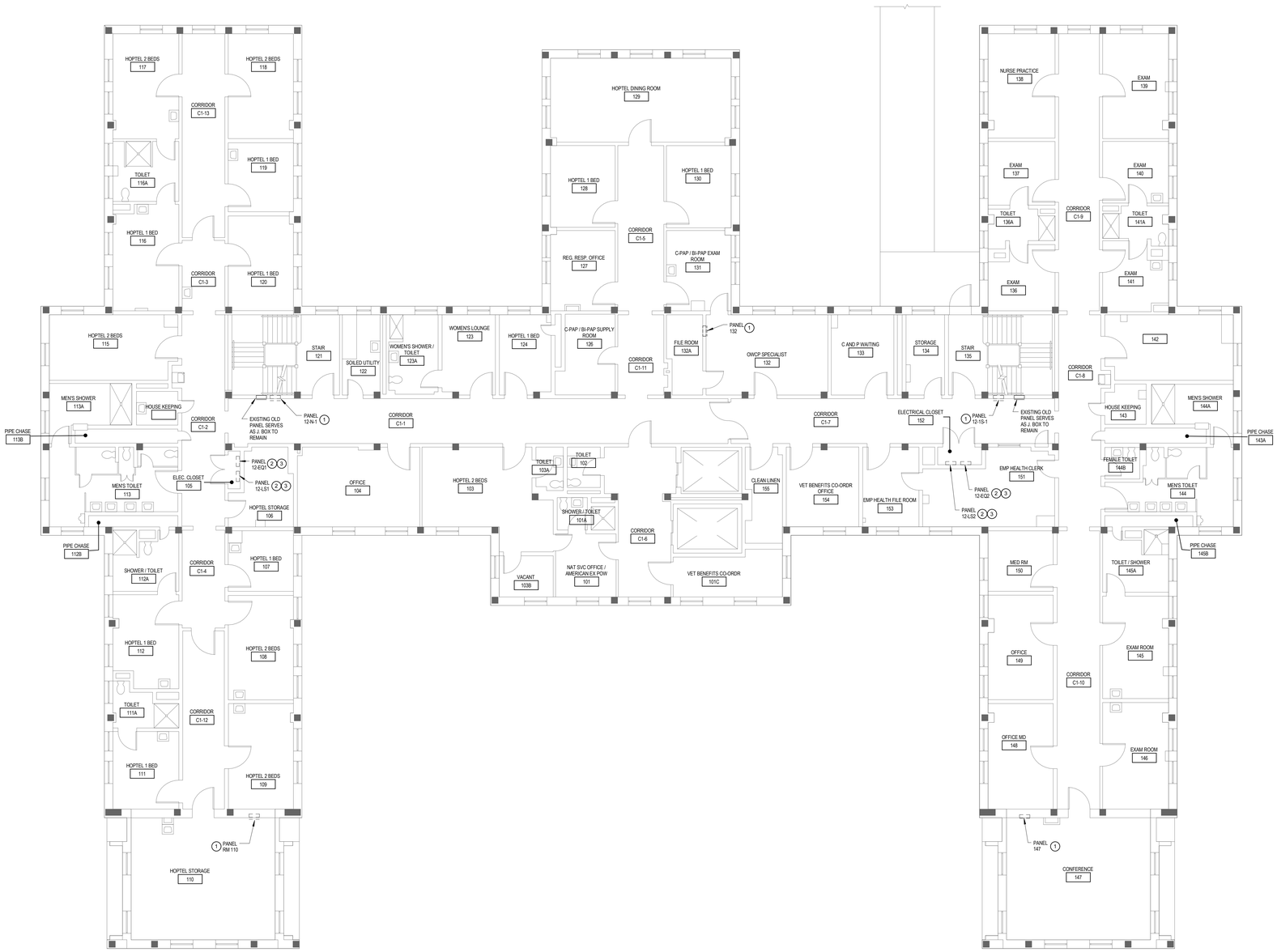
Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date:	Checked:	Drawn:
07/25/14	JD / GG	TA

Project Number 658-13-102
Building Number 12
Drawing Number 012-E100

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231



1 BUILDING 12 - ELECTRICAL DEMOLITION WORK PLAN - FIRST FLOOR

1/8" = 1'-0"

KEY NOTES

1. EXISTING PANEL TO BE REMOVED AND BE REPLACED WITH NEW. REMOVE EXISTING FEEDER CONDUCTORS BACK TO SOURCE. SEE SURFACE MOUNTED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.
2. CONDUIT RISER UP TO PANEL ABOVE.
3. EXISTING PANEL TO BE REPLACED WITH NEW. REMOVE EXISTING FEEDER CONDUCTORS BACK TO SOURCE. SEE RECESSED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.

GENERAL DEMOLITION NOTES:

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www.ae-works.com

AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - ELECTRICAL DEMOLITION WORK PLAN - FIRST FLOOR

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date:	Checked:	Drawn:
07/25/14	JD / GG	TA

Project Number 658-13-102

Building Number 12

Drawing Number 012-E101

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

1 BUILDING 12 - ELECTRICAL DEMOLITION WORK PLAN - SECOND FLOOR

1/8" = 1'-0"

KEY NOTES

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AE Works Project Number: 13-028

Drawing Title
BUILDING 12- ELECTRICAL DEMOLITION WORK PLAN - SECOND FLOOR

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

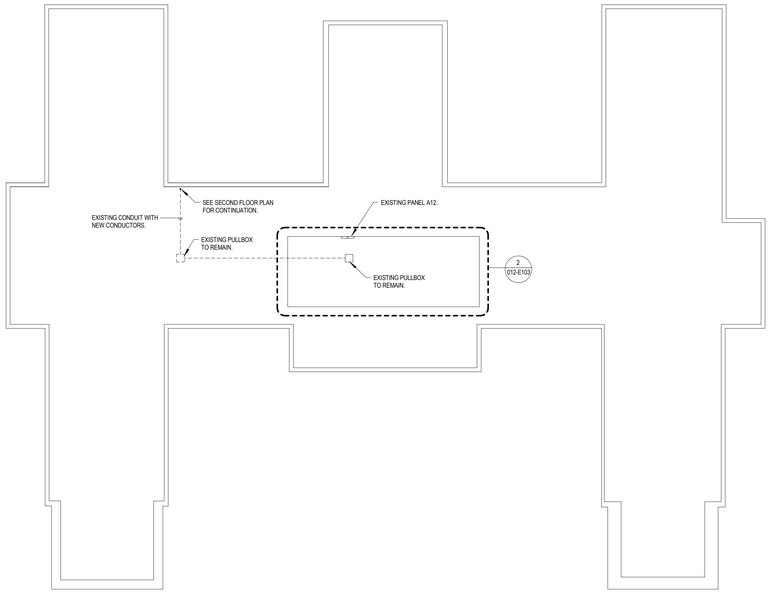
Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14
Checked: JD / GG
Drawn: TA

Project Number 658-13-102
Building Number 12
Drawing Number 012-E102

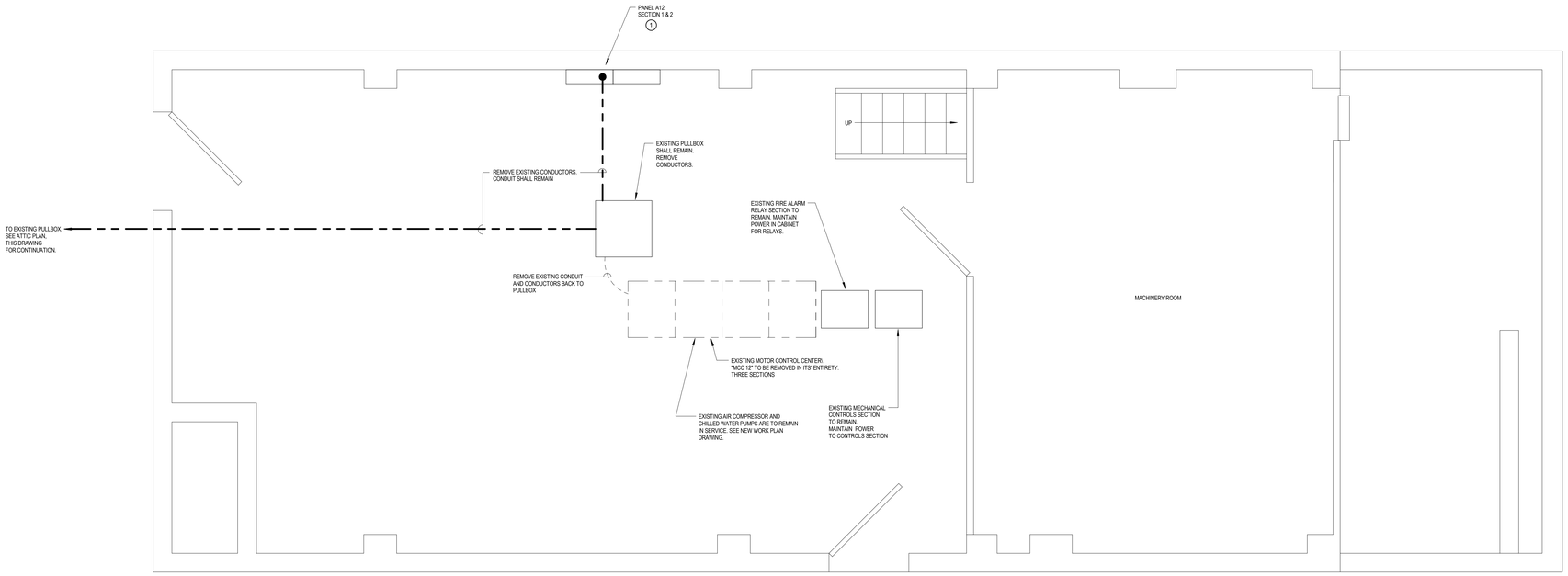
Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231



1 BUILDING 12 - ELECTRICAL DEMOLITION WORK PLAN - ATTIC

1/16" = 1'-0"



2 BUILDING 12 - ENLARGED ELECTRICAL DEMOLITION WORK PLAN - ATTIC

1/2" = 1'-0"

KEY NOTE

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AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - ELECTRICAL DEMOLITION WORK PLAN - ATTIC

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date:	Checked:	Drawn:
07/25/14	JD / GG	TA

Project Number 658-13-102

Building Number 12

Drawing Number 012-E103

Office of Construction and Facilities Management

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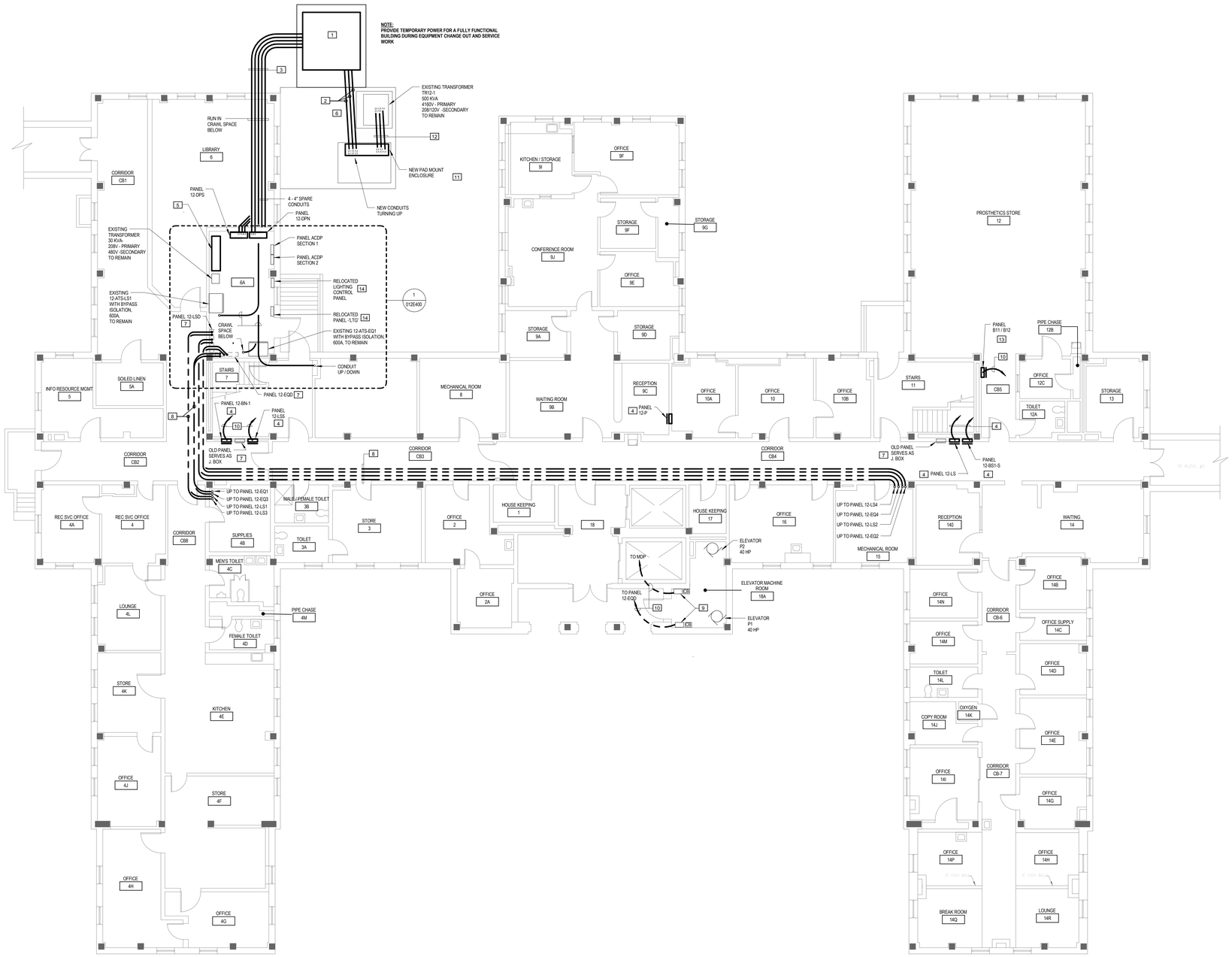

1 BUILDING 12 - ELECTRICAL NEW WORK PLAN - BASEMENT
1/8" = 1'-0"

KEY NOTES

1. NEW OUTDOOR SWITCHGEAR ENCLOSURE AND SWITCHGEAR ON CONCRETE PAD.
2. NEW SWITCHGEAR UNDERGROUND DUCT BANK.
3. NEW UNDERGROUND DUCTBANK INTO BUILDING.
4. NEW PANEL IN EXISTING PANEL LOCATION. CONNECT FEEDERS AND BRANCH CIRCUIT CONDUCTORS TO NEW CIRCUIT BREAKERS. SEE RECESSED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.
5. NEW FLOOR TO CEILING PULL BOX MOUNTED AT OLD 'MDP' LOCATION FOR USE AND EXTENSION OF EXISTING CONDUIT TO EQUIPMENT.
6. NEW CONCRETE PATCH AT NEW DUCTBANK SECTION TO MATCH EXISTING PAD.
7. EXISTING PANEL SERVING AS JUNCTION BOX. PROVIDE NEW BLANK COVER PLATE WITH TAMPER-PROOF SCREWS. PAINT TO MATCH EXISTING WALL.
8. EXISTING CONDUIT WITH NEW CONDUCTORS.
9. EXISTING ELEVATOR DOUBLE THROW SWITCH. LAND NEW CONDUCTORS AT EXISTING SWITCH LOCATION.
10. EXISTING CONDUIT WITH NEW CONDUCTORS BACK TO PANEL 12-DP VIA OLD 'MDP' LOCATION / NEW PULLBOX.
11. NEW PAD MOUNT ENCLOSURE. VERIFY EXACT SIZE REQUIREMENTS FOR CONDUIT STUB-UPS.
12. NEW SECONDARY SERVICE CONDUCTORS IN EXISTING CONDUITS. PROVIDE NEW CABLE LUGS AND TRANSFORMER SECONDARY TERMINATION.
13. NEW PANEL IN EXISTING PANEL LOCATION. CONNECT FEEDERS AND BRANCH CIRCUIT CONDUCTORS TO NEW CIRCUIT BREAKERS. SEE SURFACE MOUNTED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.
14. INTERCEPT AND EXTEND ALL EXISTING CONDUCTORS TO RELOCATED PANEL AND CONTACTOR. MAKE FINAL CONNECTIONS TO MATCH THE EXISTING ARRANGEMENT.

METHOD OF PROCEDURE (M.O.P.) REQUIRED

M.O.P SHALL INCLUDE THE FOLLOWING:

- OUTAGES AND DURATIONS.
- STEP BY STEP METHOD OF EQUIPMENT REPLACEMENT.
- SEQUENCE OF STEPS TO COMPLETE WORK.
- 100% TEMPORARY GENERATOR / POWER REQUIRED FOR DURATION OF BUILDING AND SERVICE WORK.
- FOR ALL ADDITIONAL M.O.P. DIRECTIONS, REFER TO SPECIFICATIONS.
- NOTIFICATION AND APPROVAL BY VA PERSONNEL.

NOTE: NO WORK SHALL BE PERMITTED ON ANY ENERGIZED EQUIPMENT.

ELECTRICAL GENERAL NOTES

1. THE DRAWINGS APPROXIMATE THE SIZE AND DETAIL OF THE EXISTING CONDITIONS AND THIS SHOULD NOT BE INTERPRETED TO BE A PRECISE REPRESENTATION. THE CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND WITH THE DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THIS WORK. THIS VISIT SHALL BE MADE PRIOR TO SUBMITTING A BID FOR THE WORK OF THIS CONTRACT.
2. FURNISH AND INSTALL ALL REQUIRED CONDUITS, WIRES, CABLES, FITTINGS, BOXES, HARDWARE, ETC. IN ORDER TO MAKE A COMPLETE ELECTRICAL SYSTEM READY FOR OPERATION. CONDUITS SHALL BE RUN IN THE LEAST OBTRUSIVE MANNER POSSIBLE.
3. FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE CONTRACTOR SHALL CORE DRILL WALLS AND FLOORS AS REQUIRED TO PERMIT THE PASSAGE OF CONDUITS. THE CONTRACTOR SHALL PROVIDE A MARKED-UP PLAN WITH LOCATIONS AND SIZES OF PENETRATIONS FOR REVIEW AND APPROVAL OF THE RESIDENT ENGINEER PRIOR TO ROUGH-IN.
4. AT THE COMPLETION OF INSTALLATIONS, THE CONTRACTOR SHALL FILL IN AND WATERPROOF OR FIRESTOP ALL PENETRATIONS WITH MATERIALS PER THE SPECIFICATIONS. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL HAVE A FIRE STOPPING MATERIAL THAT MEETS OR EXCEEDS THE RATING OF THE ASSEMBLY.
5. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO INSTALL ALL FEEDER RUNS CONTINUOUS (I.E. NO CABLE BREAKS). IF SPLICING OF CABLES IN BOXES BECOMES NECESSARY, USE AN INSULATED MECHANICAL SPLICE BLOCK ASSEMBLY.
6. ALL WIRING METHODS FOR THIS PROJECT SHALL BE INSTALLED IN COMPLETE ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL ELECTRIC CODE, ARTICLE 300. ALL WIRING SHALL BE INSTALLED IN A UL LISTED METHOD.
7. THE CONTRACTOR SHALL X-RAY ALL FLOORS PRIOR TO CORE DRILLING FOR NEW PENETRATIONS.

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AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - ELECTRICAL NEW WORK PLAN - BASEMENT

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date:	Checked:	Drawn:
07/25/14	JD / GG	TA

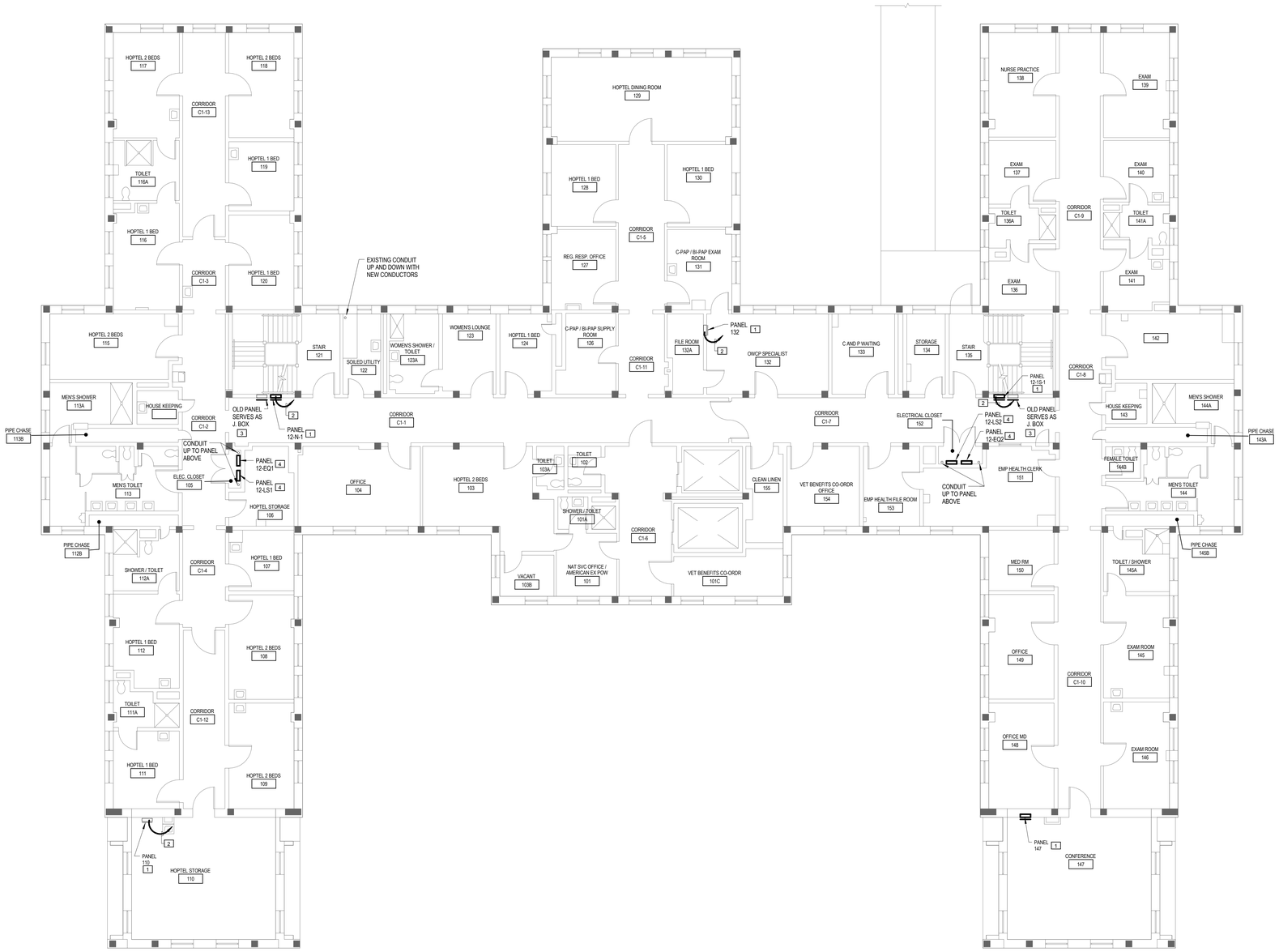
Project Number 658-13-102

Building Number 12

Drawing Number 012-E300

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231



1 BUILDING 12 - ELECTRICAL NEW WORK PLAN - FIRST FLOOR

1/8" = 1'-0"

KEY NOTES

1. NEW PANEL IN EXISTING PANEL LOCATION. CONNECT FEEDERS AND BRANCH CIRCUIT CONDUCTORS TO NEW CIRCUIT BREAKERS. SEE RECESSED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.
2. EXISTING CONDUIT WITH NEW CONDUCTORS BACK TO PANEL 12-DP VIA OLD 'MDP' LOCATION / NEW PULL BOX.
3. EXISTING PANEL SERVING AS JUNCTION BOX. PROVIDE NEW BLANK COVER PLATE WITH TAMPERPROOF SCREWS.
4. NEW PANEL IN EXISTING PANEL LOCATION. CONNECT FEEDERS AND BRANCH CIRCUIT CONDUCTORS TO NEW CIRCUIT BREAKERS. SEE SURFACE MOUNTED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.

METHOD OF PROCEDURE (M.O.P.) REQUIRED

M.O.P SHALL INCLUDE THE FOLLOWING:

- OUTAGES AND DURATIONS.
- STEP BY STEP METHOD OF EQUIPMENT REPLACEMENT.
- SEQUENCE OF STEPS TO COMPLETE WORK.
- 100% TEMPORARY GENERATOR / POWER REQUIRED FOR DURATION OF BUILDING AND SERVICE WORK.
- FOR ALL ADDITIONAL M.O.P. DIRECTIONS, REFER TO SPECIFICATIONS.
- NOTIFICATION AND APPROVAL BY VA PERSONNEL.

NOTE: NO WORK SHALL BE PERMITTED ON ANY ENERGIZED EQUIPMENT.

ELECTRICAL GENERAL NOTES

1. THE DRAWINGS APPROXIMATE THE SIZE AND DETAIL OF THE EXISTING CONDITIONS AND THIS SHOULD NOT BE INTERPRETED TO BE A PRECISE REPRESENTATION. THE CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND WITH THE DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THIS WORK. THIS VISIT SHALL BE MADE PRIOR TO SUBMITTING A BID FOR THE WORK OF THIS CONTRACT.
2. FURNISH AND INSTALL ALL REQUIRED CONDUITS, WIRES, CABLES, FITTINGS, BOXES, HARDWARE, ETC. IN ORDER TO MAKE A COMPLETE ELECTRICAL SYSTEM READY FOR OPERATION. CONDUITS SHALL BE RUN IN THE LEAST OBTRUSIVE MANNER POSSIBLE.
3. FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE CONTRACTOR SHALL CORE DRILL WALLS AND FLOORS AS REQUIRED TO PERMIT THE PASSAGE OF CONDUITS. THE CONTRACTOR SHALL PROVIDE A MARKED-UP PLAN WITH LOCATIONS AND SIZES OF PENETRATIONS FOR REVIEW AND APPROVAL OF THE RESIDENT ENGINEER PRIOR TO ROUGH-IN.
4. AT THE COMPLETION OF INSTALLATIONS, THE CONTRACTOR SHALL FILL IN AND WATERPROOF OR FIRESTOP ALL PENETRATIONS WITH MATERIALS PER THE SPECIFICATIONS. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL HAVE A FIRE STOPPING MATERIAL THAT MEETS OR EXCEEDS THE RATING OF THE ASSEMBLY.
5. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO INSTALL ALL FEEDER RUNS CONTINUOUS (I.E. NO CABLE BREAKS). IF SPLICING OF CABLES IN BOXES BECOMES NECESSARY, USE AN INSULATED MECHANICAL SPLICE BLOCK ASSEMBLY.
6. ALL WIRING METHODS FOR THIS PROJECT SHALL BE INSTALLED IN COMPLETE ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL ELECTRIC CODE, ARTICLE 300. ALL WIRING SHALL BE INSTALLED IN A UL LISTED METHOD.
7. THE CONTRACTOR SHALL X-RAY ALL FLOORS PRIOR TO CORE DRILLING FOR NEW PENETRATIONS.

NORTH

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

SEAL

COMMONWEALTH OF VIRGINIA
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AE Works Project Number: 13-028

Drawing Title	BUILDING 12 - ELECTRICAL NEW WORK PLAN - FIRST FLOOR
Approved: Project Director	
Project Title:	SALEM VA - CORRECT ELECTRICAL DEFICIENCIES
Location:	1970 ROANOKE BLVD. SALEM, VA 24153
Date:	07/25/14
Checked:	JD / GG
Drawn:	TA
Project Number	658-13-102
Building Number	12
Drawing Number	012-E301

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

1 BUILDING 12 - ELECTRICAL NEW WORK PLAN - SECOND FLOOR
1/8" = 1'-0"

KEY NOTES

1. NEW PANEL IN EXISTING PANEL LOCATION. CONNECT FEEDERS AND BRANCH CIRCUIT CONDUCTORS TO NEW CIRCUIT BREAKERS. SEE RECESSED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.
2. EXISTING CONDUIT WITH NEW CONDUCTORS BACK TO PANEL 12-DP VIA OLD "MOP" LOCATION / NEW PULL BOX.
3. NEW PANEL IN EXISTING PANEL LOCATION. CONNECT FEEDERS AND BRANCH CIRCUIT CONDUCTORS TO NEW CIRCUIT BREAKERS. SEE SURFACE MOUNTED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.

METHOD OF PROCEDURE (M.O.P.) REQUIRED

M.O.P SHALL INCLUDE THE FOLLOWING:

- OUTAGES AND DURATIONS.
- STEP BY STEP METHOD OF EQUIPMENT REPLACEMENT.
- SEQUENCE OF STEPS TO COMPLETE WORK.
- 100% TEMPORARY GENERATOR / POWER REQUIRED FOR DURATION OF BUILDING AND SERVICE WORK.
- FOR ALL ADDITIONAL M.O.P. DIRECTIONS, REFER TO SPECIFICATIONS.
- NOTIFICATION AND APPROVAL BY VA PERSONNEL.

NOTE: NO WORK SHALL BE PERMITTED ON ANY ENERGIZED EQUIPMENT.

ELECTRICAL GENERAL NOTES

1. THE DRAWINGS APPROXIMATE THE SIZE AND DETAIL OF THE EXISTING CONDITIONS AND THIS SHOULD NOT BE INTERPRETED TO BE A PRECISE REPRESENTATION. THE CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND WITH THE DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THIS WORK. THIS VISIT SHALL BE MADE PRIOR TO SUBMITTING A BID FOR THE WORK OF THIS CONTRACT.
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3. FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE CONTRACTOR SHALL CORE DRILL WALLS AND FLOORS AS REQUIRED TO PERMIT THE PASSAGE OF CONDUITS. THE CONTRACTOR SHALL PROVIDE A MARKED-UP PLAN WITH LOCATIONS AND SIZES OF PENETRATIONS FOR REVIEW AND APPROVAL OF THE RESIDENT ENGINEER PRIOR TO ROUGH-IN.
4. AT THE COMPLETION OF INSTALLATIONS, THE CONTRACTOR SHALL FILL IN AND WATERPROOF OR FIRESTOP ALL PENETRATIONS WITH MATERIALS PER THE SPECIFICATIONS. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL HAVE A FIRE STOPPING MATERIAL THAT MEETS OR EXCEEDS THE RATING OF THE ASSEMBLY.
5. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO INSTALL ALL FEEDER RUNS CONTINUOUS (I.E. NO CABLE BREAKS). IF SPLICING OF CABLES IN BOXES BECOMES NECESSARY, USE AN INSULATED MECHANICAL SPLICE BLOCK ASSEMBLY.
6. ALL WIRING METHODS FOR THIS PROJECT SHALL BE INSTALLED IN COMPLETE ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL ELECTRIC CODE, ARTICLE 300. ALL WIRING SHALL BE INSTALLED IN A UL LISTED METHOD.
7. THE CONTRACTOR SHALL X-RAY ALL FLOORS PRIOR TO CORE DRILLING FOR NEW PENETRATIONS.

NORTH

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

SEAL

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AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - ELECTRICAL NEW WORK PLAN - SECOND FLOOR

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

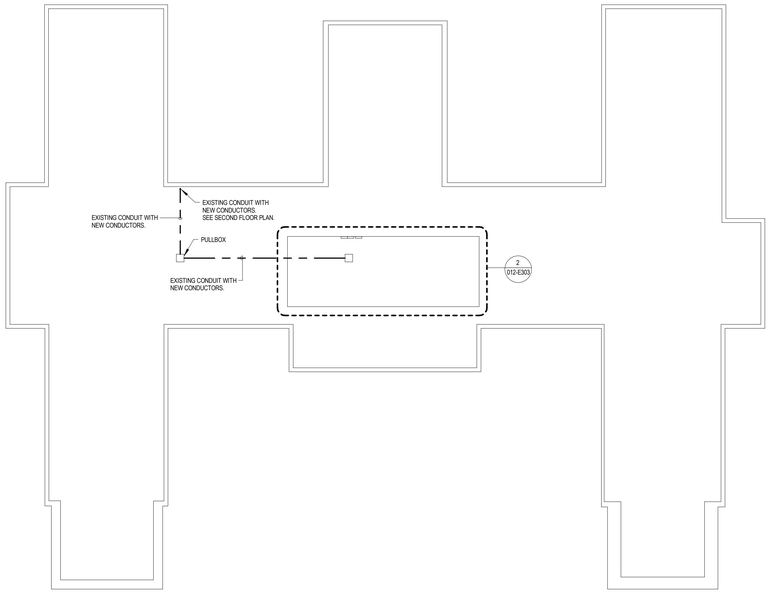
Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14
Checked: JD / GG
Drawn: TA

Project Number 658-13-102
Building Number 12
Drawing Number 012-E302

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231



1 BUILDING 12 - ELECTRICAL NEW WORK PLAN - ATTIC LEVEL
1/16" = 1'-0"

ELECTRICAL GENERAL NOTES

1. THE DRAWINGS APPROXIMATE THE SIZE AND DETAIL OF THE EXISTING CONDITIONS AND THIS SHOULD NOT BE INTERPRETED TO BE A PRECISE REPRESENTATION. THE CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND WITH THE DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THIS WORK. THIS VISIT SHALL BE MADE PRIOR TO SUBMITTING A BID FOR THE WORK OF THIS CONTRACT.
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3. FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE CONTRACTOR SHALL CORE DRILL WALLS AND FLOORS AS REQUIRED TO PERMIT THE PASSAGE OF CONDUITS. THE CONTRACTOR SHALL PROVIDE A MARKED-UP PLAN WITH LOCATIONS AND SIZES OF PENETRATIONS FOR REVIEW AND APPROVAL OF THE RESIDENT ENGINEER PRIOR TO ROUGH-IN.
4. AT THE COMPLETION OF INSTALLATIONS, THE CONTRACTOR SHALL FILL IN AND WATERPROOF OR FIRESTOP ALL PENETRATIONS WITH MATERIALS PER THE SPECIFICATIONS. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL HAVE A FIRE STOPPING MATERIAL THAT MEETS OR EXCEEDS THE RATING OF THE ASSEMBLY.
5. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO INSTALL ALL FEEDER RUNS CONTINUOUS (I.E. NO CABLE BREAKS). IF SPLICING OF CABLES IN BOXES BECOMES NECESSARY, USE AN INSULATED MECHANICAL SPLICE BLOCK ASSEMBLY.
6. ALL WIRING METHODS FOR THIS PROJECT SHALL BE INSTALLED IN COMPLETE ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL ELECTRIC CODE , ARTICLE 300. ALL WIRING SHALL BE INSTALLED IN A UL LISTED METHOD.
7. THE CONTRACTOR SHALL X-RAY ALL FLOORS PRIOR TO CORE DRILLING FOR NEW PENETRATIONS.

METHOD OF PROCEDURE (M.O.P.) REQUIRED

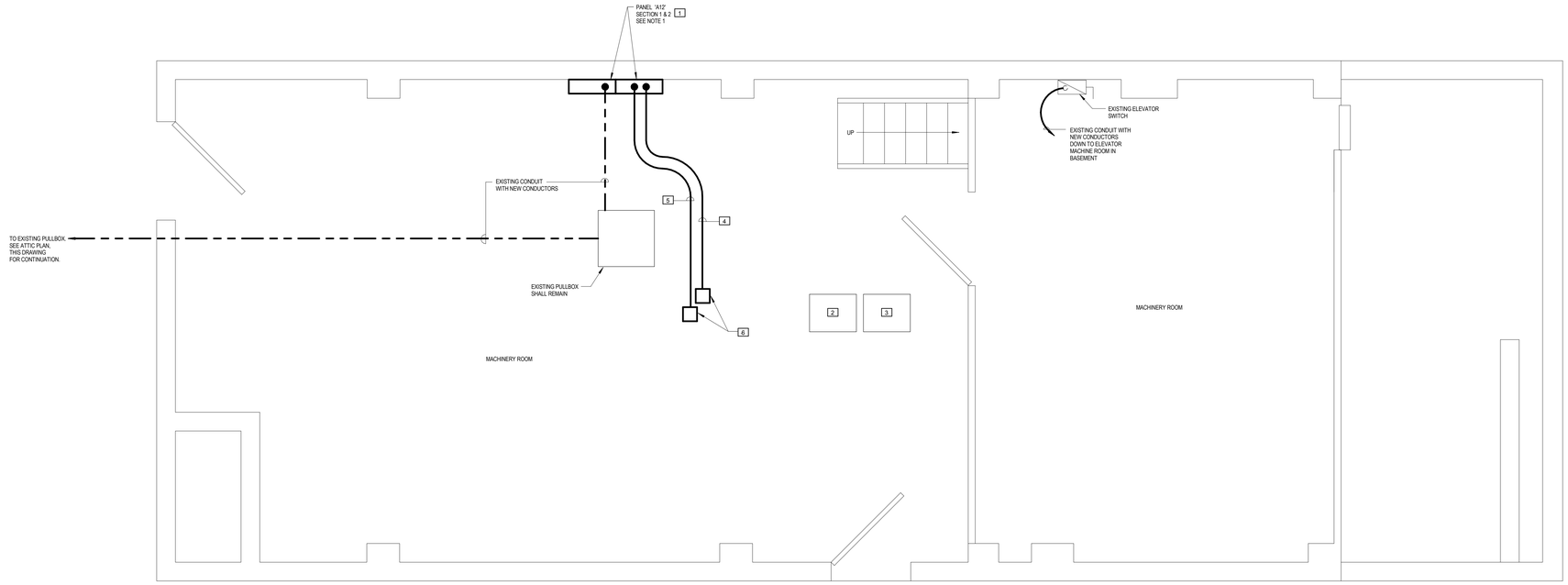
M.O.P. SHALL INCLUDE THE FOLLOWING:

- OUTAGES AND DURATIONS.
- STEP BY STEP METHOD OF EQUIPMENT REPLACEMENT.
- SEQUENCE OF STEPS TO COMPLETE WORK.
- 100% TEMPORARY GENERATOR / POWER REQUIRED FOR DURATION OF BUILDING AND SERVICE WORK.
- FOR ALL ADDITIONAL M.O.P. DIRECTIONS, REFER TO SPECIFICATIONS.
- NOTIFICATION AND APPROVAL BY VA PERSONNEL.

NOTE: NO WORK SHALL BE PERMITTED ON ANY ENERGIZED EQUIPMENT.

KEY NOTES

1. NEW PANEL IN EXISTING PANEL LOCATION. CONNECT FEEDERS AND BRANCH CIRCUIT CONDUCTORS TO NEW CIRCUIT BREAKERS. SEE SURFACE MOUNTED PANELBOARD REPLACEMENT DETAIL ON DRAWING #000-G007.
2. EXISTING FIRE ALARM SYSTEM RELAY CABINET SECTION TO REMAIN. PROVIDE POWER AS REQUIRED FOR SYSTEM CONTINUITY.
3. EXISTING HVAC CONTROL SECTION TO REMAIN. PROVIDE POWER AS REQUIRED FOR SYSTEM CONTINUITY.
4. PROVIDE 3 #8 & 1 #10 GRD - 3/4" TO 40A-3P BREAKER IN PANEL A12 FOR EXISTING AIR COMPRESSOR.
5. PROVIDE 3 #8 & 1 #10 GRD - 3/4" TO 40A-3P BREAKER IN PANEL A12 FOR EXISTING CHILLED WATER PUMPS.
6. INTERCEPT EXISTING CONDUIT AND CONDUCTORS DOWN TO EQUIPMENT IN SUB-BASEMENT AND EXTEND TO BREAKERS IN PANEL INDICATED.



2 BUILDING 12- ENLARGED ELECTRICAL NEW WORK PLAN - ATTIC LEVEL
1/2" = 1'-0"

NORTH

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

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AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - ELECTRICAL NEW WORK PLAN - ATTIC LEVEL

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date:	Checked:	Drawn:
07/25/14	JD / GG	TA

Project Number 658-13-102

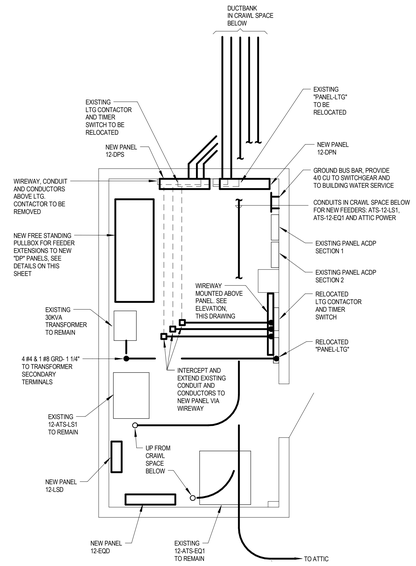
Building Number 12

Drawing Number 012-E303

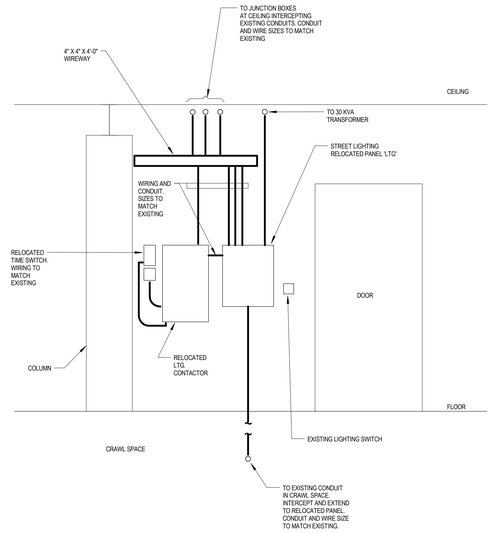
Office of Construction and Facilities Management

Department of Veterans Affairs

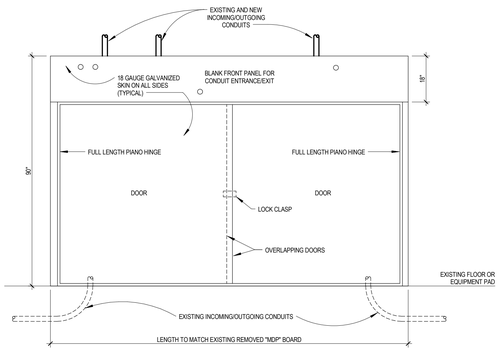
VA FORM 08-6231



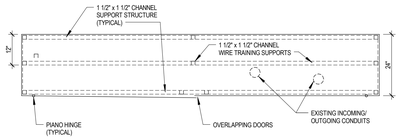
1 ENLARGED PLAN - ELECTRICAL ROOM 6A
1/4" = 1'-0"



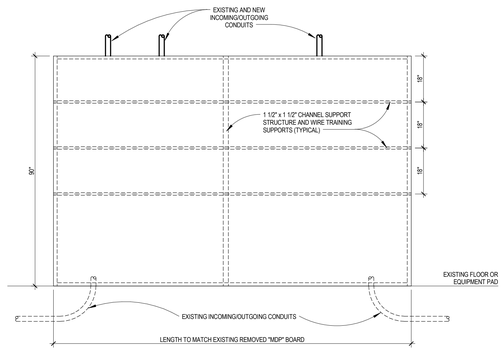
2 RELOCATED PANEL 'LTG' ELEVATION
1/2" = 1'-0"



3 FRONT ELEVATION - FREE STANDING JUNCTION/PULL BOX
1/2" = 1'-0"



4 TOP VIEW - FREE STANDING JUNCTION/PULL BOX
1/2" = 1'-0"



5 INTERIOR ELEVATION - FREE STANDING JUNCTION/PULL BOX
1/2" = 1'-0"

NORTH

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

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AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - ENLARGED PLAN AND ELEVATION

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

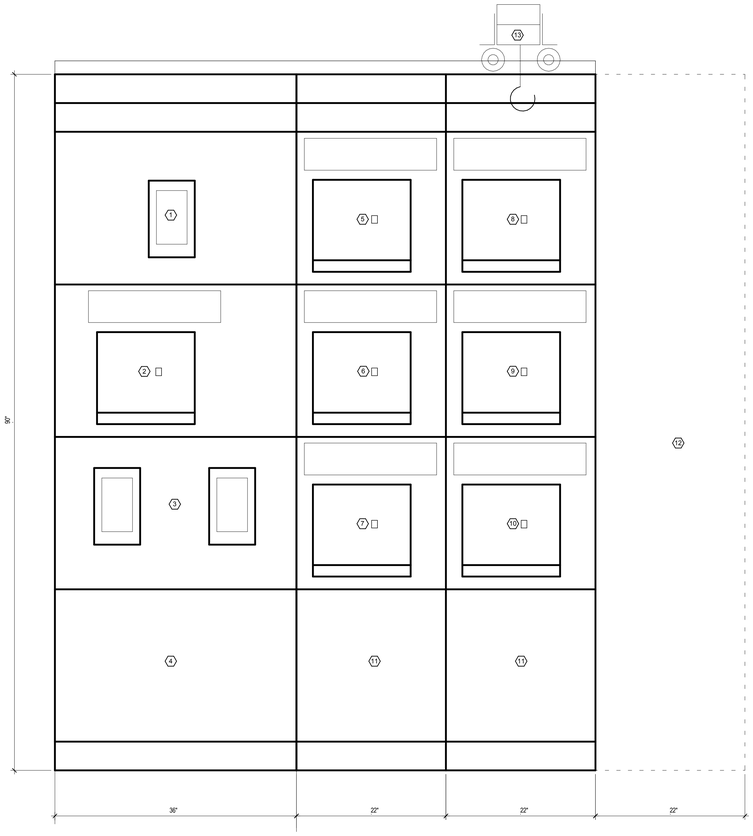
Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14
Checked: JD / GG
Drawn: TA

Project Number 658-13-102
Building Number 12
Drawing Number 012-E400

Office of Construction and Facilities Management
Department of Veterans Affairs

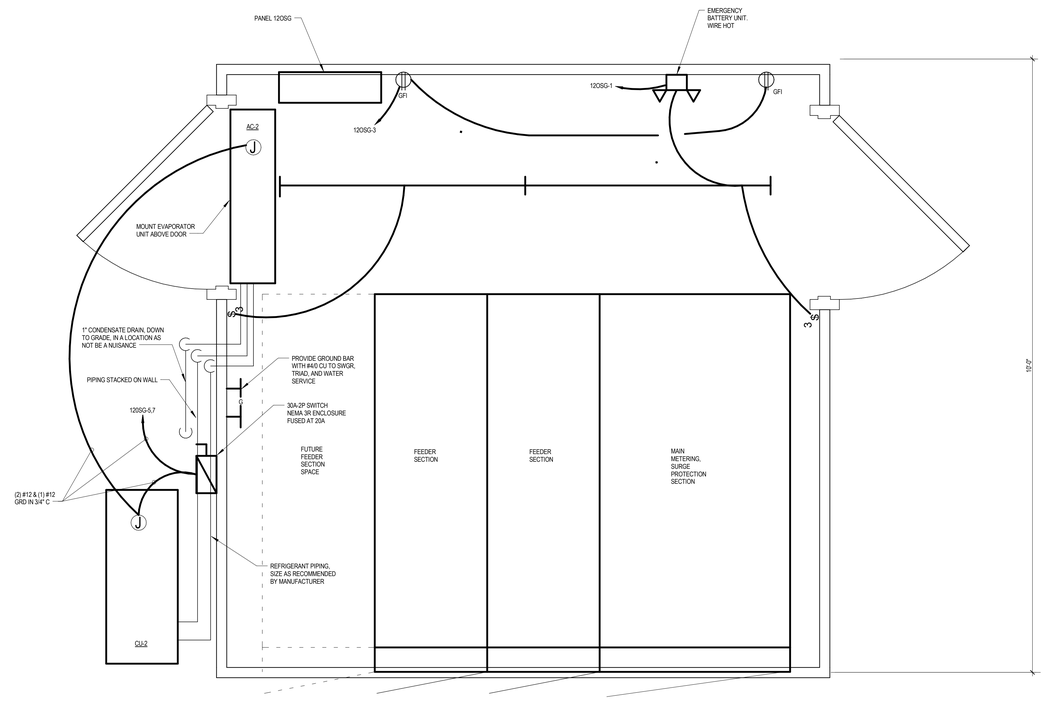
VA FORM 08-6231



LEGEND

1. INCOMING LINE METERING SECTION
2. SERVICE MAIN SECTION
3. SURGE PROTECTION SECTION
4. BUSS SECTION
5. ATS-12LS
6. ATS-12EQ
7. PANEL 12DPN
8. PANEL 12DPS
9. PANEL A12
10. SPARE
11. FUTURE BREAKER SPACE
12. SPACE FOR FUTURE BREAKER SECTION
13. RAIL MOUNTED CIRCUIT BREAKER LIFTER

1 BUILDING 12 - SWITCHGEAR ELEVATION
NOT TO SCALE



NOTE:
REFER TO SHEET 012-H100 FOR HVAC EQUIPMENT SCHEDULE AND DETAILS.

2 BUILDING 12 - OUTDOOR SWITCHGEAR ENCLOSURE - PLAN
1" = 1'-0"

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

SEAL

COMMONWEALTH OF VIRGINIA
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AE Works Project Number: 13-028

Drawing Title: BUILDING 12 - ELECTRICAL DETAILS

Approved: Project Director

Project Title: SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location: 1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14 | Checked: JD / GG | Drawn: TA

Project Number: 658-13-102

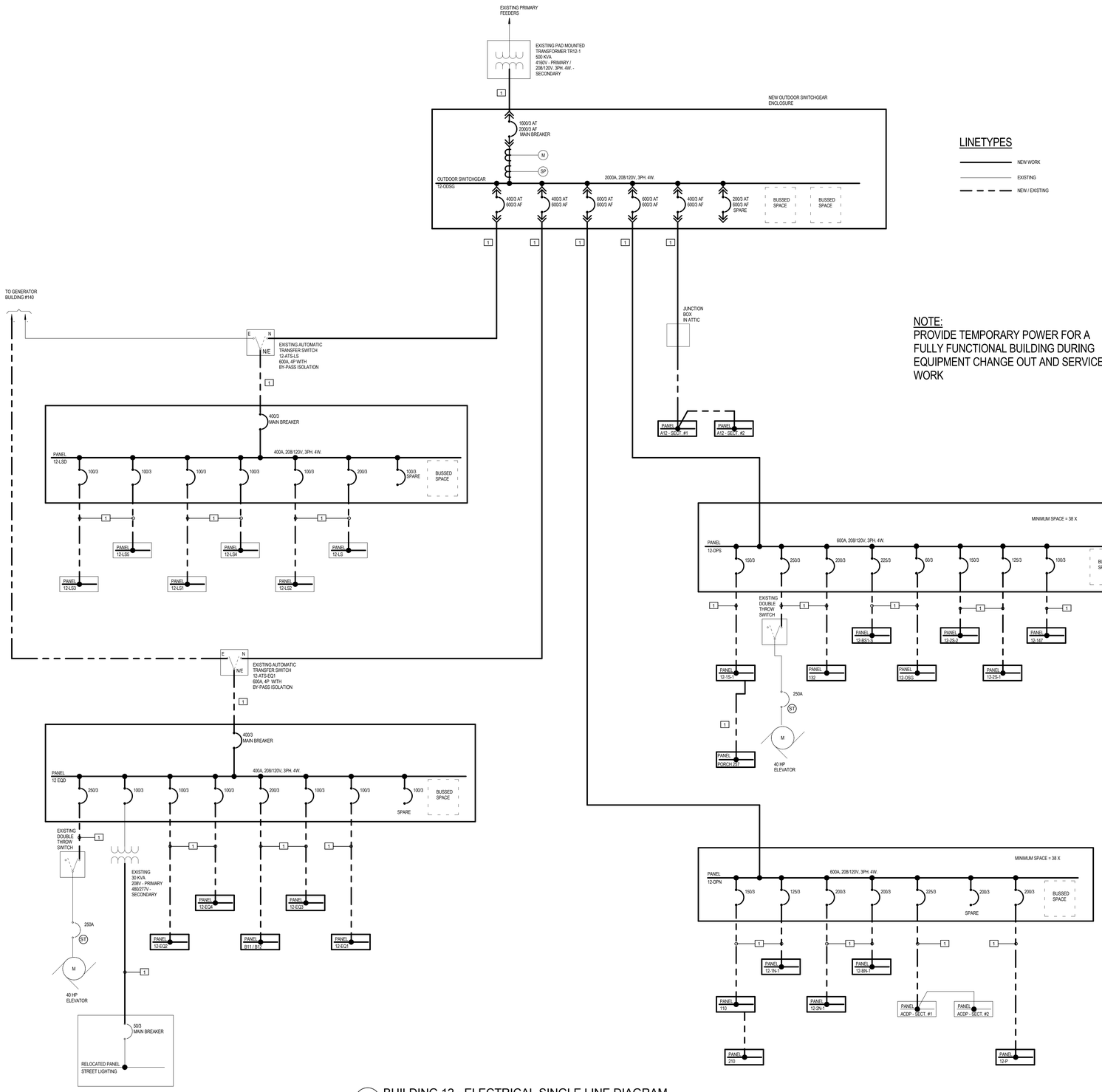
Building Number: 12

Drawing Number: 012-E500

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231



KEY NOTES

1 REFER TO RISER DIAGRAM FOR FEEDER SIZES ON DRAWING #012-E610.

LINETYPES

NEW WORK

EXISTING

NEW / EXISTING

NOTE:

PROVIDE TEMPORARY POWER FOR A FULLY FUNCTIONAL BUILDING DURING EQUIPMENT CHANGE OUT AND SERVICE WORK

1 BUILDING 12 - ELECTRICAL SINGLE LINE DIAGRAM

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

SEAL

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AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - ELECTRICAL SINGLE LINE DIAGRAM

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14
Checked: JD / GG
Drawn: TA

Project Number 658-13-102
Building Number 12
Drawing Number 012-E600

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

ELECTRICAL FEEDER SCHEDULE

COLUMN 3		COLUMN 4	
AMPS	3PH, 3W, & GROUND	AMPS	3PH, 4W, & GROUND
15	(3) #12 & 1#12 G IN 3/4" C	15	(4) #12 & 1#12 G IN 3/4" C
20	(3) #12 & 1#12 G IN 3/4" C	20	(4) #12 & 1#12 G IN 3/4" C
25	(3) #10 & 1#10 G IN 3/4" C	25	(4) #10 & 1#10 G IN 3/4" C
30	(3) #10 & 1#10 G IN 3/4" C	30	(4) #10 & 1#10 G IN 3/4" C
35	(3) #8 & 1#10 G IN 3/4" C	35	(4) #8 & 1#10 G IN 3/4" C
40	(3) #8 & 1#10 G IN 3/4" C	40	(4) #8 & 1#10 G IN 3/4" C
45	(3) #6 & 1#10 G IN 3/4" C	45	(4) #6 & 1#10 G IN 3/4" C
50	(3) #6 & 1#10 G IN 3/4" C	50	(4) #6 & 1#10 G IN 3/4" C
60	(3) #4 & 1#10 G IN 1" C	60	(4) #4 & 1#10 G IN 1 1/4" C
70	(3) #4 & 1#6 G IN 1 1/4" C	70	(4) #4 & 1#8 G IN 1 1/4" C
80	(3) #3 & 1#6 G IN 1 1/4" C	80	(4) #3 & 1#8 G IN 1 1/4" C
90	(3) #2 & 1#6 G IN 1 1/4" C	90	(4) #2 & 1#8 G IN 1 1/4" C
100	(3) #1 & 1#6 G IN 1 1/2" C	100	(4) #1 & 1#8 G IN 1 1/2" C
125	(3) #1 & 1#6 G IN 1 1/2" C	125	(4) #1 & 1#6 G IN 1 1/2" C
150	(3) #1/0 & 1#6 G IN 1 1/2" C	150	(4) #1/0 & 1#6 G IN 1 1/2" C
175	(3) #2/0 & 1#6 G IN 2" C	175	(4) #2/0 & 1#6 G IN 2" C
200	(3) #3/0 & 1#6 G IN 2" C	200	(4) #3/0 & 1#6 G IN 2" C
225	(3) #4/0 & 1#4 G IN 2" C	225	(4) #4/0 & 1#4 G IN 2" C
250	(3) #250 KCMIL & 1#4 G IN 2 1/2" C	250	(4) #250 KCMIL & 1#4 G IN 2 1/2" C
300	(3) #350 KCMIL & 1#4 G IN 2 1/2" C	300	(4) #350 KCMIL & 1#4 G IN 2 1/2" C
350	(3) #500 KCMIL & 1#3 G IN 3" C	350	(4) #500 KCMIL & 1#3 G IN 3" C
400	(3) #500 KCMIL & 1#3 G IN 3" C	400	(4) #500 KCMIL & 1#3 G IN 3" C
450	2 SETS OF (3) #4/0 & 1#2 G IN 2" C	450	2 SETS OF (4) #4/0 & 1#2 G IN 2 1/2" C
500	2 SETS OF (3) #250 KCMIL 1#2 G IN 2 1/2" C	500	2 SETS OF (4) #250 KCMIL 1#2 G IN 3" C
600	2 SETS OF (3) #350 KCMIL & 1#1 G IN 3" C	600	2 SETS OF (4) #350 KCMIL & 1#1 G IN 3" C
800	2 SETS OF (3) #500 KCMIL & 1#1/0 G IN 3" C	800	2 SETS OF (4) #500 KCMIL & 1#1/0 G IN 3 1/2" C
900	3 SETS OF (3) #350 KCMIL & 1#2/0 G IN 3" C	900	3 SETS OF (4) #350 KCMIL & 1#2/0 G IN 3" C
1000	3 SETS OF (3) #500 KCMIL & 1#2/0 G IN 3" C	1000	3 SETS OF (4) #500 KCMIL & 1#2/0 G IN 3 1/2" C
1200	4 SETS OF (3) #350 KCMIL & 1#3/0 G IN 3" C	1200	4 SETS OF (4) #350 KCMIL & 1#3/0 G IN 3" C
1600	5 SETS OF (3) #500 KCMIL & 1#4/0 G IN 3" C	1600	5 SETS OF (4) #500 KCMIL & 1#4/0 G IN 3 1/2" C
2000	6 SETS OF (3) #500 KCMIL & 1#500 KCMIL G IN 3 1/2" C	2000	6 SETS OF (4) #500 KCMIL & 1#500 KCMIL G IN 3 1/2" C
2500	7 SETS OF (3) #500 KCMIL & 1#350 KCMIL G IN 3 1/2" C	2500	7 SETS OF (4) #500 KCMIL & 1#350 KCMIL G IN 3 1/2" C
3000	8 SETS OF (3) #500 KCMIL & 1#500 KCMIL G IN 3 1/2" C	3000	8 SETS OF (4) #500 KCMIL & 1#500 KCMIL G IN 3 1/2" C
3500	10 SETS OF (3) #500 KCMIL & 1#500 KCMIL G IN 3 1/2" C	3500	10 SETS OF (4) #500 KCMIL & 1#500 KCMIL G IN 3 1/2" C
4000	11 SETS OF (3) #500 KCMIL & 1#500 KCMIL G IN 3 1/2" C	4000	11 SETS OF (4) #500 KCMIL & 1#500 KCMIL G IN 3 1/2" C

NOTES:

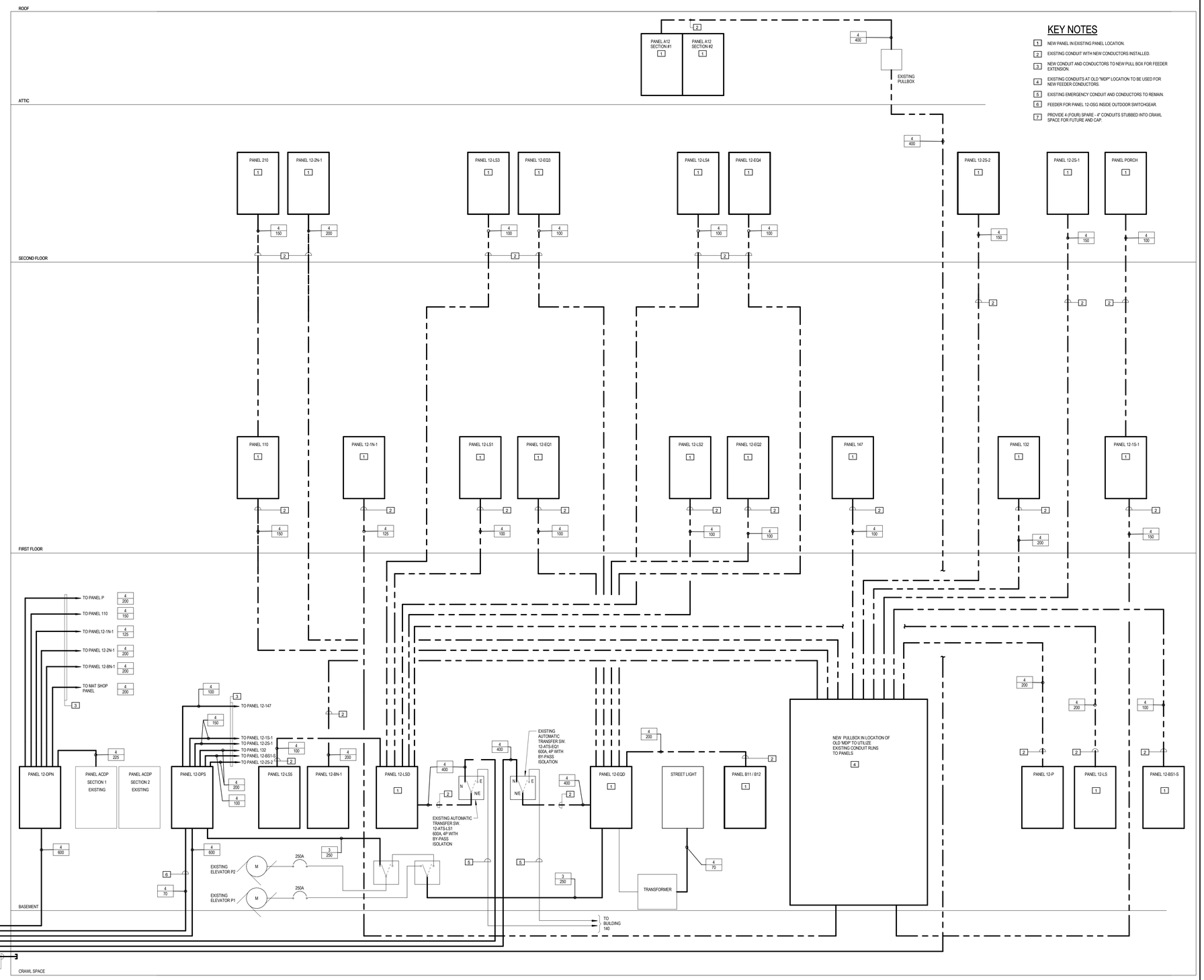
1. CONDUIT SIZES FOR THHN/THWN COPPER CONDUCTORS ONLY. OTHER CONDUCTOR TYPES MAY REQUIRE INCREASED CONDUIT SIZE.
2. GROUND CONDUCTORS SPECIFIED IS FOR EQUIPMENT GROUND PER N.E.C. UNLESS NOTED OTHERWISE.

3 — TOP NUMBER REFERS TO COLUMNS
400 — BOTTOM NUMBER REFERS TO ROWS (AMPS)

LINETYPES

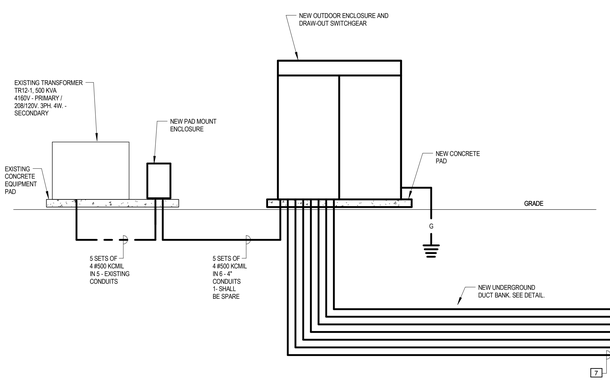
- NEW WORK
- EXISTING
- NEW / EXISTING

NOTE:
PROVIDE TEMPORARY POWER FOR A FULLY FUNCTIONAL BUILDING DURING EQUIPMENT CHANGE OUT AND SERVICE WORK



KEY NOTES

1. NEW PANEL IN EXISTING PANEL LOCATION.
2. EXISTING CONDUIT WITH NEW CONDUCTORS INSTALLED.
3. NEW CONDUIT AND CONDUCTORS TO NEW PULL BOX FOR FEEDER EXTENSION.
4. EXISTING CONDUITS AT OLD "MDP" LOCATION TO BE USED FOR NEW FEEDER CONDUCTORS.
5. EXISTING EMERGENCY CONDUIT AND CONDUCTORS TO REMAIN.
6. FEEDER FOR PANEL 12-OSG INSIDE OUTDOOR SWITCHGEAR.
7. PROVIDE 4 (FOUR) SPARE - 4" CONDUITS STUBBED INTO CRAWL SPACE FOR FUTURE AND CAP.



1 BUILDING 12 - NEW WORK RISER DIAGRAM

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

SEAL

COMMONWEALTH OF VIRGINIA
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AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - NEW WORK RISER DIAGRAM

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14 **Checked:** JD / GG **Drawn:** TA

Project Number 658-13-102

Building Number 12

Drawing Number 012-E610

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

PANEL: 12-OSG

BUSS: 100A MAIN: MCB 60A
VOLTAGE: 208/120V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED : -

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	LIGHTING	12	1	20 / 1	A--	20 / 1	1		UNIT HEATER	2
3	RECEPTACLES	12	1	20 / 1	-B-	20 / 1	0		SPARE	4
5	CU-1 AND AC-1	12	1.5	20 / 2	--C		0		SPACE	6
7			1.5		A--		0		SPACE	8
9	SPACE		0		-B-		0		SPACE	10
11	SPACE		0		--C		0		SPACE	12

FED FROM: PANEL 12-DPS
LOCATION: (INSIDE) BLDG. 12 - OUTDOOR SWGR. ENCLOSURE
REMARKS:

2.5	A:	3.5	A:	1
1	B:	1	B:	0
1.5	C:	1.5	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0.006KW
CONNECTED AMPS: 0A

PANEL: 12-EQ2

BUSS: 100A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27			0		-B-	70 / 2	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 3	--C		0			30
31			0		A--	20 / 1	0		SPARE	32
33	SPACE		0		-B-	20 / 1	0		SPARE	34
35	SPACE		0		--C	20 / 1	0		SPARE	36
37	SPACE		0		A--	20 / 1	0		SPARE	38
39	SPACE		0		-B-	20 / 1	0		SPARE	40
41	SPACE		0		--C	20 / 1	0		SPARE	42

FED FROM: 12-EQD
LOCATION: ROOM 152
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-LSD

BUSS: 400A MAIN: BREAKER (400A)
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1			0		A--		0			2
3	PANEL 12-LS		0	200 / 3	-B-	100 / 3	0		PANEL LS-3	4
5			0		--C		0			6
7			0		A--		0			8
9	PANEL 12-LS1		0	100 / 3	-B-	100 / 3	0		PANEL LS-4	10
11			0		--C		0			12
13			0		A--		0			14
15	PANEL 12-LS2		0	100 / 3	-B-	100 / 3	0		PANEL LS-5	16
17			0		--C		0			18
19	SPACE		0	20 / 1	A--		0			20
21	SPACE		0	20 / 1	-B-	100 / 3	0		SPARE	22
23	EXISTING CIRCUIT		0	20 / 1	--C		0			24
25	EXISTING CIRCUIT		0	20 / 1	A--		0		SPACE	26
27	SPARE		0	20 / 1	-B-		0		SPACE	28
29	SPARE		0	20 / 1	--C		0		SPACE	30
31	SPARE		0	20 / 1	A--		0		SPACE	32
33	SPARE		0	20 / 1	-B-		0		SPACE	34
35	SPARE		0	20 / 1	--C		0		SPACE	36
37	SPARE		0	20 / 1	A--		0		SPACE	38
39	SPARE		0	20 / 1	-B-		0		SPACE	40
41	SPARE		0	20 / 1	--C		0		SPACE	42

FED FROM: ATS-LS
LOCATION: ELECTRIC ROOM 6A
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-1S-1

BUSS: 225A MAIN: LUGS
VOLTAGE: 208/120V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	32
33	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	34
35	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	36
37	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	38
39	SPARE		0	20 / 1	-B-		0			40
41	SPARE		0	20 / 1	--C	100 / 3	0		PANEL PORCH	42
43	SPARE		0	20 / 1	A--		0			44
45	SPARE		0	20 / 1	-B-		0		SPACE	46
47	SPARE		0	20 / 1	--C		0		SPACE	48
49	SPARE		0	20 / 1	A--		0		SPACE	50
51	SPACE		0		-B-		0		SPACE	52
53	SPACE		0		--C		0		SPACE	54
55	SPACE		0		A--		0		SPACE	56
57	SPACE		0		-B-		0		SPACE	58
59	SPACE		0		--C		0		SPACE	60

FED FROM: 12-DPS
LOCATION: CORRIDOR 1-7
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-EQD

BUSS: 400 MAIN: MCB 400A
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1			0		A--		0			2
3	PANEL 12-EQ4		0	100 / 3	-B-	250 / 3	0		ELEVATOR	4
5			0		--C		0			6
7			0		A--		0			8
9	PANEL 12-EQ3		0	100 / 3	-B-	200 / 3	0		PANEL B11 - B12	10
11			0		--C		0			12
13			0		A--		0			14
15	PANEL 12-EQ2		0	100 / 3	-B-	100 / 3	0		STREET LIGHTS	16
17			0		--C		0			18
19			0		A--		0			20
21	PANEL 12-EQ1		0	100 / 3	-B-	20 / 3	0		FIRE ALARM	22
23			0		--C		0			24
25	EXISTING CIRCUIT		0	30 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	32
33	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	34
35	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	36
37	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42
43	SPACE		0		A--		0		SPACE	44
45	SPACE		0		-B-		0		SPACE	46
47	SPACE		0		--C		0		SPACE	48
49	SPACE		0		A--		0		SPACE	50
51	SPACE		0		-B-		0		SPACE	52
53	SPACE		0		--C		0		SPACE	54
55	SPACE		0		A--		0			56
57	SPACE		0		-B-	100/3	0		SPARE	58
59	SPACE		0		--C		0			60

FED FROM: 12-ATS-EQ1
LOCATION: ELECTRIC ROOM 6A
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-EQ3

BUSS: 100A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 2	0		EXISTING CIRCUIT	26
27	SPARE		0	20 / 1	-B-		0			28
29	SPARE		0	20 / 1	--C	30 / 2	0		EXISTING CIRCUIT	30
31	SPARE		0	20 / 1	A--		0			32
33	SPARE		0	20 / 1	-B-		0		SPACE	34
35	SPARE		0	20 / 1	--C		0		SPACE	36
37	SPARE		0	20 / 1	A--		0		SPACE	38
39	SPARE		0	20 / 1	-B-		0		SPACE	40
41	SPARE		0	20 / 1	--C		0		SPACE	42

FED FROM: 12-EQD
LOCATION: ROOM 206
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-LS

BUSS: 225A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 2	A--	20 / 1	0		EXISTING CIRCUIT	2
3			0		-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	32
33	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	34
35	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	36
37	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	38
39	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	40
41	SPARE		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	42
43	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	44
45	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	46
47	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	48
49	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	50
51	SPACE		0		-B-		0		SPACE	52
53	SPACE		0		--C		0		SPACE	54
55	SPACE		0		A--		0		SPACE	56
57	SPACE		0		-B-		0		SPACE	58
59	SPACE		0		--C		0		SPACE	60

FED FROM: 12-LSD
LOCATION: CORRIDOR B4
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-EQ1

BUSS: 100 MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23			0		--C		0			24
25	EXISTING CIRCUIT		0	30 / 3	A--	20 / 3	0		EXISTING CIRCUIT	26
27			0		-B-		0			28
29	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	30
31	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	32
33	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	34
35	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

FED FROM: 12-EQD
LOCATION: ROOM 105
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 480V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-EQ4

BUSS: 100A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	30
31	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	32
33	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	34
35	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

FED FROM: 12-EQD
LOCATION: ROOM 255A
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-LS1

BUSS: 100A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		SPARE	12
13	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	14
15	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	16
17	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	18
19	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	20
21	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	22
23	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	24
25	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	26
27	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	28
29	SPACE		0		--C		0		SPACE	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

FED FROM: 12-LSD
LOCATION: ROOM 105
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-147

BUSS: 100A MAIN: MCB 100
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	10
11	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	12
13	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	14
15	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	16
17	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	18
19	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	20
21	SPARE		0	20 / 1	-B-	30 / 1	0		EXISTING CIRCUIT	22
23	SPACE		0		--C		0			24
25	SPACE		0		A--	30 / 3	0		EXISTING CIRCUIT	26
27	SPACE		0		-B-		0			28
29	SPACE		0		--C		0		SPACE	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

FED FROM: PANEL 12-DPS
LOCATION: ROOM 147
REMARKS:

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

SHORT CIRCUIT RATINGS OF EQUIPMENT

ALL AIC RATINGS SHALL BE DETERMINED BY THE RESULTS OF THE SHORT CIRCUIT / COORDINATION / ARC FLASH STUDY. SEE SPECIFICATIONS FOR DETAILS

GENERAL PANEL NOTES:

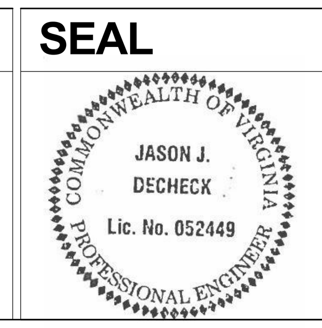
1. AS DETERMINED BY STUDY.
2. ALL REPLACEMENT PANELBOARDS SHALL HAVE A TYPEWRITTEN DIRECTORY TO MATCH THE DIRECTORY OF THE PANEL THAT WAS REPLACED

CONSTRUCTION DOCUMENTS

Revisions: Date

CONSULTANTS:

SEAL



ARCHITECTS/ENGINEERS:

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AE Works Project Number: 13-028

Drawing Title: BUILDING 12 - PANELBOARD SCHEDULES

Approved: Project Director

Project Title: SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location: 1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14 | Checked: JD / GG | Drawn: TA

Project Number: 658-13-102

Building Number: 12

Drawing Number: 012-E700

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

PANEL: 12-LS2

BUSS: 100A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		SPARE	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		SPARE	22
23	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	24
25	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	26
27	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	28
29	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-LSD
LOCATION: ROOM 152
REMARKS:

PANEL: 12-LS3

BUSS: 100A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	14
15	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	16
17	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	18
19	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	20
21	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	22
23	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	24
25	SPACE		0		A--		0		SPACE	26
27	SPACE		0		-B-		0		SPACE	28
29	SPACE		0		--C		0		SPACE	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-LSD
LOCATION: ROOM 206
REMARKS:

PANEL: 12-LS4

BUSS: 100A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	14
15	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	16
17	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	18
19	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	20
21	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	22
23	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	24
25	SPACE		0		A--		0		SPACE	26
27	SPACE		0		-B-		0		SPACE	28
29	SPACE		0		--C		0		SPACE	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-LSD
LOCATION: ROOM 255A
REMARKS:

PANEL: 12-LS5

BUSS: 100A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	26
27	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	28
29	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	30
31	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-LSD
LOCATION: CORRIDOR B2
REMARKS:

PANEL: 12-P

BUSS: 225A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	32
33	EXISTING CIRCUIT		0	20 / 2	-B-	20 / 2	0		EXISTING CIRCUIT	34
35			0		--C		0			36
37	EXISTING CIRCUIT		0	20 / 2	A--	20 / 2	0		EXISTING CIRCUIT	38
39			0		-B-		0			40
41	EXISTING CIRCUIT		0	30 / 2	--C	20 / 1	0		SPARE	42
43			0		A--	20 / 1	0		SPARE	44
45	SPACE		0		-B-	20 / 1	0		SPARE	46
47	SPACE		0		--C	20 / 1	0		SPARE	48
49	SPACE		0		A--	20 / 1	0		SPARE	50
51	SPACE		0		-B-		0		SPACE	52
53	SPACE		0		--C		0		SPACE	54
55	SPACE		0		A--		0		SPACE	56
57	SPACE		0		-B-		0		SPACE	58
59	SPACE		0		--C		0		SPACE	60

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-DPN
LOCATION: ROOM 9C
REMARKS:

PANEL: 12-2N-1

BUSS: 225A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	32
33	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 2	0		EXISTING CIRCUIT	34
35	EXISTING CIRCUIT		0	20 / 2	--C		0			36
37			0		A--	20 / 2	0		EXISTING CIRCUIT	38
39	EXISTING CIRCUIT		0	20 / 2	-B-		0			40
41			0		--C	20 / 1	0		SPARE	42
43	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	44
45	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	46
47	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	48
49	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	50
51	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	52
53	SPACE		0		--C		0		SPACE	54
55	SPACE		0		A--		0		SPACE	56
57	SPACE		0		-B-		0		SPACE	58
59	SPACE		0		--C		0		SPACE	60

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-DPN
LOCATION: ROOM 9C
REMARKS:

PANEL: PORCH

BUSS: 100A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	32
33	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	34
35	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	36
37	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	38
39	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	40
41	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	42

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 480V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-1S-1
LOCATION: SECOND FLOOR PORCH
REMARKS:

PANEL: 12-2S-1

BUSS: 150A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 2	A--	20 / 2	0		EXISTING CIRCUIT	26
27			0		-B-		0			28
29	EXISTING CIRCUIT		0	20 / 2	--C	20 / 2	0		EXISTING CIRCUIT	30
31			0		A--		0			32
33	EXISTING CIRCUIT		0	20 / 2	-B-	40 / 2	0		EXISTING CIRCUIT	34
35			0		--C		0			36
37	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	38
39	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	40
41	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	42
43	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	44
45	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	46
47	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	48
49	SPACE		0	20 / 1	A--		0		SPACE	50
51	SPACE		0		-B-		0		SPACE	52
53	SPACE		0		--C		0		SPACE	54
55	SPACE		0		A--		0		SPACE	56
57	SPACE		0		-B-		0		SPACE	58
59	SPACE		0		--C		0		SPACE	60

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-DPS
LOCATION: CORRIDOR 2-7
REMARKS:

PANEL: 12-2S-2

BUSS: 150 MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	15 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	15 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	30 / 2	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--		0			8
9	EXISTING CIRCUIT		0	20 / 1	-B-	30 / 2	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C		0			12
13	EXISTING CIRCUIT		0	30 / 1	A--	20 / 1	0		SPARE	14
15	EXISTING CIRCUIT		0	30 / 1	-B-	20 / 1	0		SPARE	16
17	EXISTING CIRCUIT		0	30 / 1	--C	20 / 1	0		SPARE	18
19	EXISTING CIRCUIT		0	30 / 1	A--	20 / 1	0		SPARE	20
21	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	22
23	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	24
25	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	26
27	SPACE		0		-B-		0		SPACE	28
29	SPACE		0		--C		0		SPACE	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0
		TOTALS		

L-L VOLTAGE: 480V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

FED FROM: 12-DPS
LOCATION: CORRIDOR 2-7
REMARKS:

SHORT CIRCUIT RATINGS OF EQUIPMENT

ALL A/C RATINGS SHALL BE DETERMINED BY THE RESULTS OF THE SHORT CIRCUIT / COORDINATION / ARC FLASH STUDY. SEE SPECIFICATIONS FOR DETAILS

GENERAL PANEL NOTES:

1. AS DETERMINED BY STUDY.
2. ALL REPLACEMENT PANELBOARDS SHALL HAVE A TYPEWRITTEN DIRECTORY TO MATCH THE DIRECTORY OF THE PANEL THAT WAS REPLACED

CONSTRUCTION DOCUMENTS

Revisions: | Date

CONSULTANTS:

SEAL

COMMONWEALTH OF VIRGINIA
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Drawing Title: BUILDING 12 - PANELBOARD SCHEDULES
Approved: Project Director
Project Title: SALEM VA - CORRECT ELECTRICAL DEFICIENCIES
Location: 1970 ROANOKE BLVD. SALEM, VA 24153
Date: 07/25/14 | Checked: JD / GG | Drawn: TA
Project Number: 658-13-102
Building Number: 12
Drawing Number: 012-E701

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

PANEL: A12 SECTION 1

BUSS: 400A MAIN: LUGS FEED THROUGH
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 2	A--	30 / 2	0		EXISTING CIRCUIT	2
3			0		-B-		0			4
5	EXISTING CIRCUIT		0	20 / 2	--C	30 / 2	0		EXISTING CIRCUIT	6
7			0		A--		0			8
9	EXISTING CIRCUIT		0	20 / 2	-B-	30 / 2	0		EXISTING CIRCUIT	10
11			0		--C		0			12
13	EXISTING CIRCUIT		0	20 / 2	A--	30 / 2	0		EXISTING CIRCUIT	14
15			0		-B-		0			16
17	EXISTING CIRCUIT		0	20 / 2	--C	30 / 2	0		EXISTING CIRCUIT	18
19			0		A--		0			20
21	EXISTING CIRCUIT		0	20 / 2	-B-	30 / 2	0		EXISTING CIRCUIT	22
23			0		--C		0			24
25	EXISTING CIRCUIT		0	20 / 2	A--	30 / 2	0		EXISTING CIRCUIT	26
27			0		-B-		0			28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	32
33	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	34
35	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	36
37	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	38
39	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	40
41	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	42

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: OUTDOOR SWGR (ODSG)
LOCATION: ATTIC
REMARKS:
L-L VOLTAGE: 480V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: A12 SECTION 2

BUSS: 400A MAIN: LUGS FEED THROUGH
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 2	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0		-B-	20 / 1	0		EXISTING CIRCUIT	4
5	SPARE		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	SPARE		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	SPARE		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	SPARE		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	SPARE		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	SPARE		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	SPARE		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	SPARE		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	22
23	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	24
25	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	26
27	SPACE		0		-B-		0		SPACE	28
29	SPACE		0		--C		0		SPACE	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: OUTDOOR SWGR (ODSG)
LOCATION: ATTIC
REMARKS:
L-L VOLTAGE: 480V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 110

BUSS: 150A MAIN: FEED THRU LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: 12-DPN
LOCATION: ROOM 110
REMARKS:
L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 132

BUSS: 225A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	30 / 1	--C	20 / 2	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	30 / 1	A--		0			32
33	EXISTING CIRCUIT		0	30 / 1	-B-	20 / 2	0		EXISTING CIRCUIT	34
35	EXISTING CIRCUIT		0	20 / 2	--C		0			36
37			0		A--	20 / 1	0		SPARE	38
39	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	40
41	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	42
43	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	44
45	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	46
47	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	48
49	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	50
51	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	52
53	SPACE		0		--C		0		SPACE	54
55	SPACE		0		A--		0		SPACE	56
57	SPACE		0		-B-		0		SPACE	58
59	SPACE		0		--C		0		SPACE	60

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: 12-DPS
LOCATION: ROOM 132
REMARKS:
L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-1N-1

BUSS: 150A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 2	A--	20 / 2	0		EXISTING CIRCUIT	32
33			0		-B-		0			34
35	EXISTING CIRCUIT		0	20 / 2	--C	20 / 2	0		EXISTING CIRCUIT	36
37			0		A--		0			38
39	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	40
41	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	42
43	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	44
45	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	46
47	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	48
49	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	50
51	SPACE		0	20 / 1	-B-		0		SPACE	52
53	SPACE		0	20 / 1	--C		0		SPACE	54
55	SPACE		0	20 / 1	A--		0		SPACE	56
57	SPACE		0	20 / 1	-B-		0		SPACE	58
59	SPACE		0	20 / 1	--C		0		SPACE	60

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: 12-DPN
LOCATION: CORRIDOR C1
REMARKS:
L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-BS1-S

BUSS: 225A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	32
33	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	34
35	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	36
37	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	38
39	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	40
41	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	42
43	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	44
45	SPARE		0	20 / 1	-B-	20 / 1	0		SPARE	46
47	SPARE		0	20 / 1	--C	20 / 1	0		SPARE	48
49	SPARE		0	20 / 1	A--	20 / 1	0		SPARE	50
51	SPARE		0	20 / 1	-B-		0		SPACE	52
53	SPACE		0		--C		0		SPACE	54
55	SPACE		0		A--		0		SPACE	56
57	SPACE		0		-B-		0		SPACE	58
59	SPACE		0		--C		0		SPACE	60

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: 12-DPS
LOCATION: CORRIDOR B4
REMARKS:
L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 12-BN-1

BUSS: 225A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	EXISTING CIRCUIT		0	20 / 2	A--	20 / 2	0		EXISTING CIRCUIT	32
33			0		-B-		0			34
35	EXISTING CIRCUIT		0	20 / 2	--C	20 / 2	0		EXISTING CIRCUIT	36
37			0		A--		0			38
39	SPACE		0		-B-	20 / 2	0		EXISTING CIRCUIT	40
41	SPACE		0		--C		0			42
43	SPACE		0		A--	20 / 1	0		SPARE	44
45	SPACE		0		-B-	20 / 1	0		SPARE	46
47	SPACE		0		--C	20 / 1	0		SPARE	48
49	SPACE		0		A--	20 / 1	0		SPARE	50
51	SPACE		0		-B-	20 / 1	0		SPARE	52
53	SPACE		0		--C	20 / 1	0		SPARE	54
55	SPACE		0		A--	20 / 1	0		SPARE	56
57	SPACE		0		-B-	20 / 1	0		SPARE	58
59	SPACE		0		--C	20 / 1	0		SPARE	60

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: 12-DPN
LOCATION: CORRIDOR B3
REMARKS:
L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: B11 / B12

BUSS: 225A MAIN: LUGS
VOLTAGE: 120 / 208V
PHASE: 3 WIRES: 4
MOUNTING: SURFACE
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13			0		A--		0			14
15	EXISTING CIRCUIT		0	20 / 3	-B-	60 / 3	0		EXISTING CIRCUIT	16
17			0		--C		0			18
19			0		A--	20 / 2	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 3	-B-		0			22
23			0		--C	20 / 2	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 2	A--		0			26
27			0		-B-	20 / 2	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 2	--C		0			30
31			0		A--	20 / 2	0		EXISTING CIRCUIT	32
33			0		-B-		0			34
35	EXISTING CIRCUIT		0	30 / 3	--C		0			36
37			0		A--	15 / 3	0		EXISTING CIRCUIT	38
39			0		-B-		0			40
41	EXISTING CIRCUIT		0	30 / 3	--C	20 / 1	0		SPARE	42
43			0		A--	20 / 1	0		SPARE	44
45	SPACE		0		-B-	20 / 1	0		SPARE	46
47	SPACE		0		--C	20 / 1	0		SPARE	48
49	SPACE		0		A--	20 / 1	0		SPARE	50
51	SPACE		0		-B-	20 / 1	0		SPARE	52
53	SPACE		0		--C	20 / 1	0		SPARE	54
55	SPACE		0		A--		0		SPACE	56
57	SPACE		0		-B-		0		SPACE	58
59	SPACE		0		--C		0		SPACE	60

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: 12-EQD
LOCATION: ROOM 12
REMARKS:
L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

PANEL: 210

BUSS: 150A MAIN: LUGS
VOLTAGE: 120/208V
PHASE: 3 WIRES: 4
MOUNTING: FLUSH
A.I.C. RATING: SEE NOTE 1
SUB-FEED :

NO	DESCRIPTION	WIRE SIZE	LOAD	BRKR	PH	BRKR	LOAD	WIRE SIZE	DESCRIPTION	NO
1	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	2
3	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	4
5	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	6
7	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	8
9	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	10
11	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	12
13	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	14
15	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	16
17	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	18
19	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	20
21	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	22
23	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	24
25	EXISTING CIRCUIT		0	20 / 1	A--	20 / 1	0		EXISTING CIRCUIT	26
27	EXISTING CIRCUIT		0	20 / 1	-B-	20 / 1	0		EXISTING CIRCUIT	28
29	EXISTING CIRCUIT		0	20 / 1	--C	20 / 1	0		EXISTING CIRCUIT	30
31	SPACE		0		A--		0		SPACE	32
33	SPACE		0		-B-		0		SPACE	34
35	SPACE		0		--C		0		SPACE	36
37	SPACE		0		A--		0		SPACE	38
39	SPACE		0		-B-		0		SPACE	40
41	SPACE		0		--C		0		SPACE	42

0	A:	0	A:	0
0	B:	0	B:	0
0	C:	0	C:	0

TOTALS

FED FROM: PANEL 110
LOCATION: ROOM 210
REMARKS:
L-L VOLTAGE: 208V
CONNECTED LOAD: 0KW
CONNECTED AMPS: 0A

SHORT CIRCUIT RATINGS OF EQUIPMENT

ALL AIC RATINGS SHALL BE DETERMINED BY THE RESULTS OF THE SHORT CIRCUIT / COORDINATION / ARC FLASH STUDY. SEE SPECIFICATIONS FOR DETAILS

GENERAL PANEL NOTES:

1. AS DETERMINED BY STUDY.
2. ALL REPLACEMENT PANELBOARDS SHALL HAVE A TYPEWRITTEN DIRECTORY TO MATCH THE DIRECTORY OF THE PANEL THAT WAS REPLACED

NORTH

CONSTRUCTION DOCUMENTS

Revisions: | Date

CONSULTANTS:

SEAL

COMMONWEALTH OF VIRGINIA
JASON J. DECHECK
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PROFESSIONAL ENGINEER

ARCHITECTS/ENGINEERS:

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6587 Hamilton Avenue
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www.ae-works.com

AE Works Project Number: 13-028

Drawing Title: BUILDING 12 - PANELBOARD SCHEDULES

Approved: Project Director

Project Title: SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location: 1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14 | Checked: JD / GG | Drawn: TA

Project Number: 658-13-102

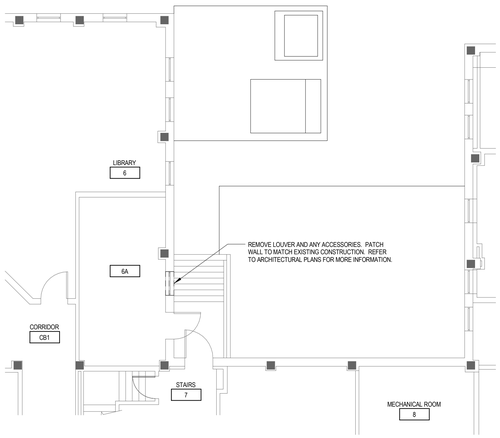
Building Number: 12

Drawing Number: 012-E702

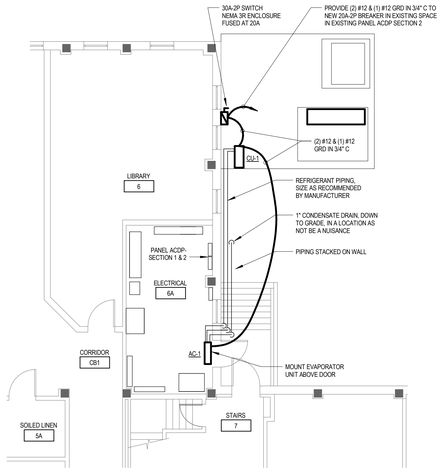
Office of Construction and Facilities Management

Department of Veterans Affairs

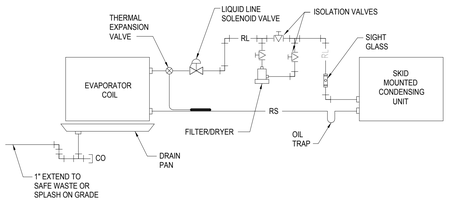
VA FORM 08-6231



1 BUILDING 12 - ELECTRICAL DEMOLITION WORK PLAN - BASEMENT
1/8" = 1'-0"

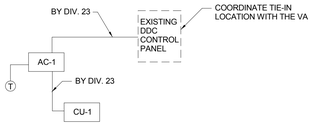


2 BUILDING 12 - ELECTRICAL NEW WORK PLAN - BASEMENT
1/8" = 1'-0"



NOTE: SIZES PER MANUFACTURERS SPECIFICATIONS

3 REFRIGERANT PIPING DETAIL
NTS



NOTE:

PROVIDE CONTROL MODULE TO PROVIDE FULL CONTROL AND MONITORING FROM DDC SYSTEM

4 SPLIT SYSTEM CONTROL DIAGRAM
NTS

SPLIT SYSTEM - CONDENSER UNIT SCHEDULE

TAG NUMBER	SERVICE	NOMINAL CAPACITY (TONS)	DESIGN AMBIENT (DEG F)	FAN QTY.	WEIGHT (LBS)	REFRIGERANT		ELECTRICAL			BASIS OF DESIGN	
						TYPE	COMP. TYPE	VOLTS/ PHASE	MCA	MAX FUSE	MANUF.	MODEL
CU-1	AC-1	1.5	95	1	100	R-410a	INVERTER	208 / 1	13.0	20	MITSUBISHI	PUZ-A18NHA3
CU-2	AC-2	1.5	95	1	100	R-410a	INVERTER	208 / 1	13.0	20	MITSUBISHI	PUZ-A18NHA3

NOTES:
1. FACTORY INSTALLED/WIRED LOCKING DISCONNECT SWITCH, FAN SPEED CONTROL.
2. FACTORY STANDARD WARRANTY
3. PROVIDE MOUNTING RAILS ON EXISTING CONCRETE PAD.
4. PROVIDE CONTROL MODULE FOR CONNECTION TO DDC SYSTEM

SPLIT SYSTEM - INDOOR UNIT SCHEDULE

TAG	SERVICE	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	FILTER TYPE	AIRFLOW HIGH / LOW (CFM)	SOUND RATING (dB-A)	ELECTRICAL				BASIS OF DESIGN		UNIT WEIGHT (LBS)
							VOLT	PH	MCA	MAX. FUSE	MANUF.	MODEL	
AC-1	ELECTRICAL ROOM	18.0	19.0	REUSABLE	425 / 320	43	208	1	1.0	15	MITSUBISHI	PKA-A18HA	40
AC-2	ELECTRICAL ROOM	18.0	19.0	REUSABLE	425 / 320	43	208	1	1.0	15	MITSUBISHI	PKA-A18HA	40

NOTES:
1. REMOTE WIRELESS CONTROLLER.
2. INDOOR UNIT POWER TO BE FED FROM OUTDOOR UNIT.

NORTH

CONSTRUCTION DOCUMENTS

Revisions: | Date

CONSULTANTS:

SEAL

COMMONWEALTH OF VIRGINIA
JASON J. DECHECK
Lic. No. 052449
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AE Works Project Number: 13-028

Drawing Title
BUILDING 12 - HVAC DEMOLITION AND NEW WORK

Approved: Project Director

Project Title:
SALEM VA - CORRECT ELECTRICAL DEFICIENCIES

Location:
1970 ROANOKE BLVD. SALEM, VA 24153

Date: 07/25/14 | **Checked:** SPL | **Drawn:** SPL

Project Number 658-13-102

Building Number 12

Drawing Number 012-H100

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231