

three inches one foot one and one half inches one and one eighth inches one and one quarter inches one eighth inches one quarter inch

ELECTRICAL LIGHTING SYMBOL LIST. REFERENCE TO LUMINAIRE SCHEDULE FOR DIMENSIONS AND TYPES. SYMBOL: DESCRIPTION: S SINGLE POLE SWITCH, S2 2-POLE SWITCH, S# 3-3-WAY SWITCH 4-4-WAY SWITCH, D0 LED DIMMER SWITCH, D6 DIMMER - 600 WATT, ST TIMER SWITCH, SO OCCUPANCY SENSOR, WALL MOUNTED, COC OCCUPANCY SENSOR, DUAL TECHNOLOGY, 1'x4' LUMINAIRE, 6'x4' LUMINAIRE, DOWNLIGHT, H WALL MOUNTED LUMINAIRE, D WALL SCONCE LUMINAIRE, O CEILING MOUNTED CHANDELIER LUMINAIRE, t EXTERIOR WALL-PACK LUMINAIRE, f SINGLE FACE EXIT SIGN, e EMERGENCY LIGHTING UNIT.

ELECTRICAL POWER SYMBOL LIST. SYMBOL: DESCRIPTION: R DUPLEX RECEPTACLE, GF DUPLEX RECEPTACLE, E ELECTRICAL CONNECTION, WALL MOUNTED, E ELECTRICAL CONNECTION, CEILING OR FLOOR MOUNTED, M MANUAL MOTOR STARTER, D DISCONNECT SWITCH, S SURFACE MOUNTED PANELBOARD.

ELECTRICAL SYSTEM SYMBOL LIST. SYMBOL: DESCRIPTION: WALL CLG FIRE ALARM - ANNUNCIATOR, VA FIRE ALARM - VISUAL DEVICE, F FIRE ALARM - MANUAL PULL STATION, AF FIRE ALARM - AUDIO/VISUAL DEVICE, H FIRE ALARM - HEAT DETECTOR, SD FIRE ALARM - SMOKE DETECTOR, PP FIRE ALARM - PUSH-PAD, CO FIRE ALARM CARBON MONOXIDE DETECTOR.

ELECTRICAL ABBREVIATIONS. ABBREVIATION: DESCRIPTION: E.C. ELECTRICAL CONTRACTOR, G.C. GENERAL CONTRACTOR, M.C. MECHANICAL CONTRACTOR, AFF ABOVE FINISHED FLOOR, #H MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTERLINE.

GENERAL ELECTRICAL EQUIPMENT SCHEDULE. THE SYMBOLS AND THE EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL. REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. *STANDARD COLOR* INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

GENERAL ELECTRICAL EQUIPMENT SCHEDULE (CONTINUED). 18 FIRE ALARM AUDIOVISUAL NOTIFICATION APPLIANCE, ELECTRONIC HORN WITH SELECTABLE OR TEMPORAL TONE, SELECTABLE SOUND OUTPUT AND HIGH-INTENSITY STROBE. 19 SMOKE DETECTOR, ADDRESSABLE, ANALOG PHOTOELECTRIC SENSOR. 20 HEAT DETECTOR, ADDRESSABLE, ANALOG SENSOR. 21 FIRE ALARM MANUAL PULL STATION, ADDRESSABLE. 22 FIRE ALARM ADDRESSABLE RELAY. 23 CARBON MONOXIDE DETECTOR, ADDRESSABLE. 24 DOOR OPERATOR PUSH-PAD.

ELECTRICAL SHEET INDEX. E0 00 ELECTRICAL COVER SHEET, E0 01 TECHNOLOGY COVER SHEET, E1 01 BASEMENT FLOOR PLAN - LIGHTING, E1 02 FIRST FLOOR PLAN - LIGHTING, E1 03 SECOND FLOOR PLAN - LIGHTING, E1 11 BASEMENT FLOOR PLAN - POWER & SYSTEMS, E1 12 FIRST FLOOR PLAN - POWER & SYSTEMS, E1 13 SECOND FLOOR PLAN - POWER & SYSTEMS, E1 21 BASEMENT FLOOR PLAN - TECHNOLOGY, E1 22 FIRST FLOOR PLAN - TECHNOLOGY, E2 02 SECOND FLOOR PLAN - TECHNOLOGY, E3 01 ELECTRICAL SCHEDULES AND ONE-LINE DIAGRAM, ED 01 DEMOLITION PLAN - ELECTRICAL, ED 12 DEMOLITION PLAN - TECHNOLOGY.

ELECTRICAL GENERAL NOTES. #1E0.00* INDICATES DETAIL NUMBER/SHEET NUMBER. # indicates electrical equipment defined in electrical schedules or specification. # indicates keyed note used to describe additional information of work required. #E indicates luminaire is switched during normal operation. LUMINAIRE KEY: # = FIXTURE TAG, # = CIRCUIT NUMBER, # = SWITCH NUMBER. DEVICE KEY: #A = MOUNTING (IF APPLICABLE), #1 = CIRCUIT NUMBER. MOUNTING SUBSCRIPT KEY: #A MOUNT ABOVE COUNTER, #H MOUNT DEVICE IN A HORIZONTAL ORIENTATION. LINE TYPE KEY: - NEW WORK BY THIS CONTRACTOR, - - - NEW WORK UNDER FLOOR OR UNDERGROUND, - - - - NEW WORK BY OTHERS.

ELECTRICAL INSTALLATION NOTES. 1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES). 2. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. 3. FLUSH MOUNT ALL TOGGLE SWITCHES AT +42" FROM FLOOR. 4. FLUSH MOUNT ALL DUPLEX RECEPTACLES AND TELECOMMUNICATION OUTLETS AT +18" FROM FLOOR. 5. MOUNT ALL FIRE ALARM PULL STATIONS AT +42" FROM FLOOR. 6. INSTALL ALL WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 6" ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING. 7. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL DETECTORS AND/OR SPEAKERS WITH LUMINAIRE, SPRINKLER, AND CEILING DIFFUSERS. 8. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS. 9. ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF OPERATION. 10. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS.

Revisions table with columns: No., Revisions, Date.

CONSULTANTS: KJ ENGINEERING CONSULTANTS. The Future Built Smarter. 253 26TH AVENUE, SUITE 1010, FT. LEAVENWORTH, KS 67901. Phone: 785.788.0673. Fax: 785.788.0967. WWW.KJENGINEERING.COM

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS. SIGNATURE: Matthew D. Snyder, DATE: 02-26-16, LICENSE #: 082.081824

ARCHITECT/ENGINEERS: ANDERSON ENGINEERING. Anderson Engineering of Minnesota, LLC. 13605 1st Avenue North, Suite 100, Plymouth, MN 55441. Phone: 763-412-4000. Website: www.ae-mn.com. AE PROJECT NO.: 13802

Drawing Title: ELECTRICAL COVER SHEET. Approved: Project Director.

Project Title: LODGE REHABILITATION. Project Number: 887CM3005. Building Number. Location: FT LEAVENWORTH NATIONAL CEMETERY LEAVENWORTH, KS. Drawing Number: E0.00. Date: 02-25-2016. Checked: REIBOR, Drawn: SEJCHI. Dwg. 53 of 67.

Office of Construction and Facilities Management. VA U.S. Department of Veterans Affairs.

GENERAL TECHNOLOGY NOTES:

- 1. "1/E2.02" INDICATES DETAIL NUMBER, SHEET NUMBER, ABREVIATION.
2. "##-###" INDICATES GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ITEM LABELED AS "EQUIPMENT LIST ABBREVIATION".
3. A SLASH IS USED BETWEEN TWO SUBSCRIPTS, I.E. AH.
4. REFER TO THE GENERAL TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR FULL DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.
5. "D" INDICATES KEYED NOTE USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL. IT IS SHOWN WITH.

FROM FINISHED FLOOR TO CENTERLINE MOUNTING SUBSCRIPT KEY:

- TECHNOLOGY OUTLETS
JA MOUNT ABOVE COUNTER (+6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH)
KA MOUNT IN CASEWORK
HA MOUNT HORIZONTAL

ABBREVIATION KEY:

- E.C. ELECTRICAL CONTRACTOR
E.F.# ENTRANCE FACILITY
M.C. MECHANICAL CONTRACTOR
G.C. GENERAL CONTRACTOR
AFF ABOVE FINISH FLOOR
BFC BELOW FINISHED CEILING
C CONDUIT
SM SIMILAR
TYP TYPICAL
+H# MOUNTING HEIGHT ABOVE FINISHED FLOOR
J-BOX JUNCTION BOX

TELECOM ROOM ABBREVIATION KEY:

- EF# ENTRANCE FACILITY
HC# HORIZONTAL CROSS-CONNECT
IC# INTERMEDIATE CROSS-CONNECT
MC# MAIN CROSS-CONNECT
TR# TELECOMMUNICATIONS ROOM

LINE TYPE KEY:

- NEW WORK BY THIS CONTRACTOR (DARK SOLID LINE)
NEW WORK UNDER FLOOR OR UNDERGROUND BY THIS CONTRACTOR (DARK LONG DASHED LINE)
NEW WORK BY OTHERS, AND/OR EXISTING TO REMAIN (LIGHT SOLID LINE)
EXISTING TO BE REMOVED BY THIS CONTRACTOR (DARK SHORT DASHED LINE)

TECHNOLOGY DEMOLITION NOTES:

- 1. THE TECHNOLOGY DRAWINGS INDICATE EXISTING TECHNOLOGY ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS.
2. ITEMS (I.E. CABLES, CONNECTORS, ETC) REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN. (I.E. FOR MAINTENANCE PURPOSES)
3. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER BEFORE TURNING OFF THE POWER TO EQUIPMENT, SYSTEMS, PANELS, ETC. COORDINATE ALL OUTAGES WITH OWNER. CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.
4. ALL CONDUIT SHALL BE REMOVED WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC., SHALL ALSO BE REMOVED.
5. THIS CONTRACTOR SHALL COORDINATE ALL THEIR WORK WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING EQUIPMENT AND INSTALLING NEW ITEMS.
6. EXISTING CONDUIT IN GOOD CONDITION, MAY BE REUSED IN PLACE. RELOCATING EXISTING CONDUIT SHALL NOT BE ALLOWED. BONDING CONDUCTORS SHALL BE INSTALLED IN ALL REUSED CONDUIT TO MAINTAIN PROPER GROUND PATH.
7. EQUIPMENT REMOVAL IN CERTAIN LOCATIONS MAY REQUIRE THE INSTALLATION OF A JUNCTION BOX TO RECONNECT CIRCUITS THAT REMAIN IN OPERATION. EXTEND CONDUIT AND WIRING AS REQUIRED TO MAINTAIN POWER TO REMAINING EQUIPMENT.
8. TECHNOLOGY DEVICES TO BE REMOVED SHALL HAVE ALL CONNECTED WIRING REMOVED TO THE SOURCE.
9. DEVICES NOT TO BE REMOVED SHALL BE PROTECTED FROM THE ENVIRONMENT. AND ALL ASSOCIATED CABLE RACEWAYS ARE TO REMAIN AND BE PROTECTED. T.C. SHALL BE RESPONSIBLE FOR REPAIR OF ANY INTERRUPTIONS TO PROTECTED DEVICES.

SUGGESTED MATRIX OF SCOPE RESPONSIBILITY

Table with columns: ITEM, SHOWN ON, FURNISHED BY, INSTALLED BY, NOTES. Lists various technology items like CONDUIT SLEEVES, TELECOMMUNICATION SYSTEMS, etc.

SCOPE OF RESPONSIBILITY NOTES

- 1. LOCATIONS OF TELECOMMUNICATIONS ROUGH-IN SHALL BE INDICATED BY THE INFORMATION OUTLET SYMBOL ON THE CONTRACT DOCUMENTS. REFER TO THE TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION.
2. BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.
3. INCLUDES BACKBOXES AND CONDUIT REQUIRED FOR THE TECHNOLOGY SYSTEMS INSTALLATION. THE E.C. SHALL BASE THE BID ON THE BASIS OF DESIGN SHOWN ON THE CONTRACT DOCUMENTS.
4. ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS AND POWER REQUIRED BECAUSE OF THE T.C.'S SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER (OR FROM SYSTEM CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR) SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN.
5. UNLESS TRADE RULES DICTATE OTHERWISE.
6. FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.
7. INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE GROUNDING SYSTEM REQUIRED BY THE SPECIFICATIONS.
8. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE GROUNDING RISER.

TELECOM ROOM REFERENCES

Table with columns: TELECOM ROOM, DETAIL/SHEET REFERENCE, FLOORPLAN REFERENCE, ARCH ROOM NUMBER. Shows references for MC-1, 1/E1.21, and NA.

GENERAL TECHNOLOGY EQUIPMENT SCHEDULE

THE MATERIAL LIST ABBREVIATIONS AND THE TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

Table with columns: EQUIPMENT LIST ABBREVIATION, EQUIPMENT LIST DESCRIPTION, EQUIPMENT LIST MANUFACTURER AND MODEL. Lists items like AV-WP1-W, AV-WP2-W, SC-CPM-1, etc.

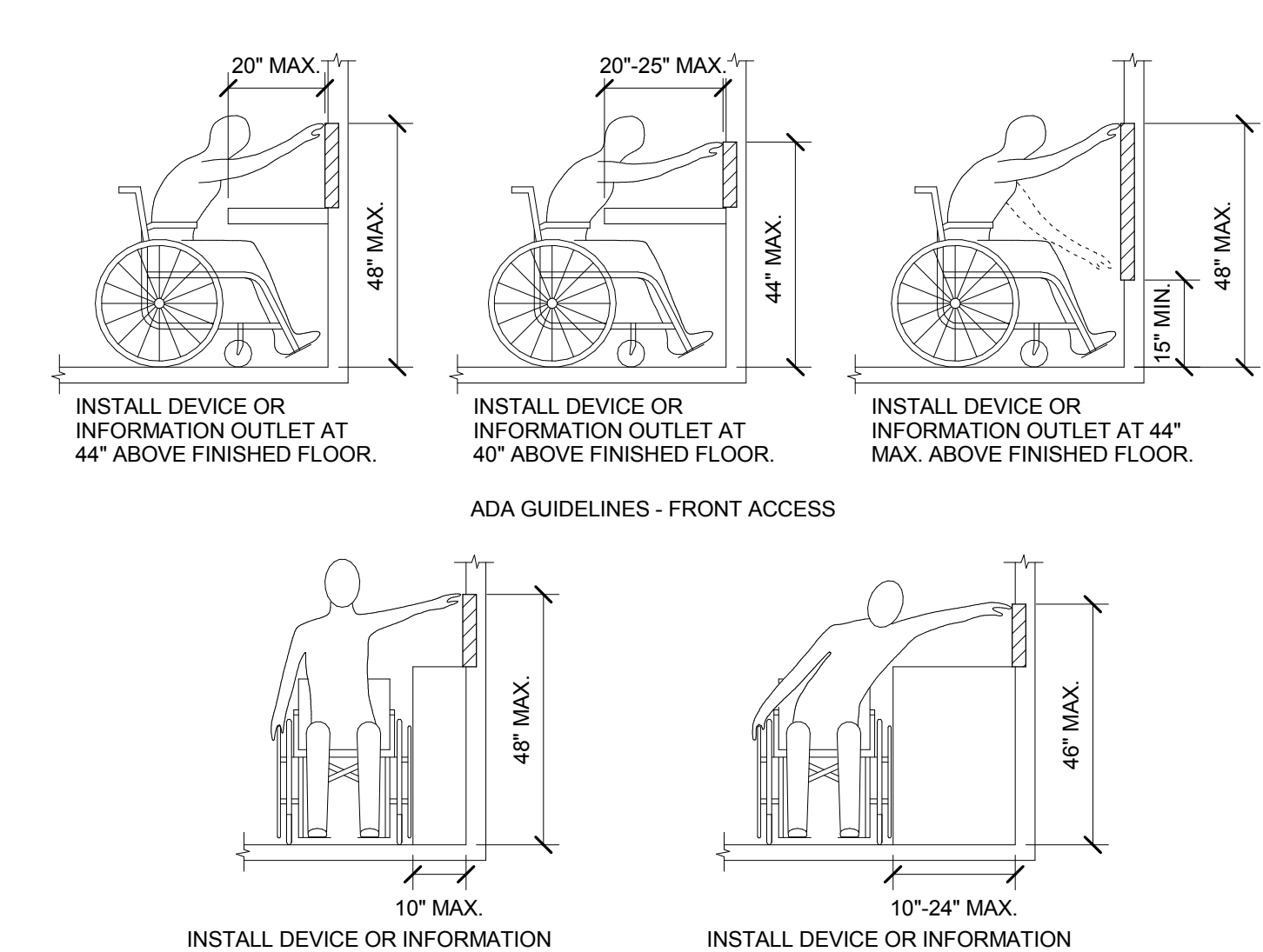
TECHNOLOGY SYMBOL LIST table with columns: SYMBOL, EQUIPMENT LIST ABBREVIATION, DESCRIPTION, NOTES. Lists symbols like #V #D, W#1, W#2.

GENERAL NOTES:

- 1. ALL SYMBOLS AND ABBREVIATIONS LISTED MAY NOT BE APPLICABLE TO THIS PROJECT. REFER TO THE GENERAL TECHNOLOGY EQUIPMENT SCHEDULE FOR MORE COMPLETE DESCRIPTION AND ITEMS.
2. ALL SYMBOLS AND ABBREVIATIONS REFER TO TECHNOLOGY SHEETS ONLY AS DEFINED ON THE SHEET INDEX. REFER TO THE GENERAL TECHNOLOGY NOTES FOR ADDITIONAL INFORMATION.
3. ALL SYMBOLS LISTED ABOVE ARE FOR REFERENCE ONLY. REFER TO PLANS AND LINE TYPES KEY FOR NEW, EXISTING TO REMAIN AND TO BE REMOVED ITEMS FOR ADDITIONAL INFORMATION.

TECHNOLOGY INSTALLATION NOTES:

- 1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA REQUIREMENTS FOR ALL CONFIGURATIONS DETAIL ON THIS PAGE FOR ADDITIONAL INFORMATION.
2. CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, AND IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS, AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
3. BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY. "THRU THE WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
4. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL TELECOMMUNICATIONS INSTALLATION THIS CONTRACTOR SHALL ADJUST OUTLETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
5. TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF TELECOMMUNICATION DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
7. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E914 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS.
8. CONTRACTOR SHALL REMOVE AND REINSTALL ALL CEILING TILES AS REQUIRED FOR THE EXECUTION OF TELECOMMUNICATIONS WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. CONTRACTOR SHALL REPLACE CEILING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR.
9. FIRESTOPPING REFERS TO THE ITEMS SPECIFICALLY ADDRESSED IN DIVISION 26 AND 27 DOCUMENTS. REFER TO THE INDIVIDUAL SPECIFICATION SECTIONS FOR INFORMATION SPECIFIC TO FIRESTOPPING.



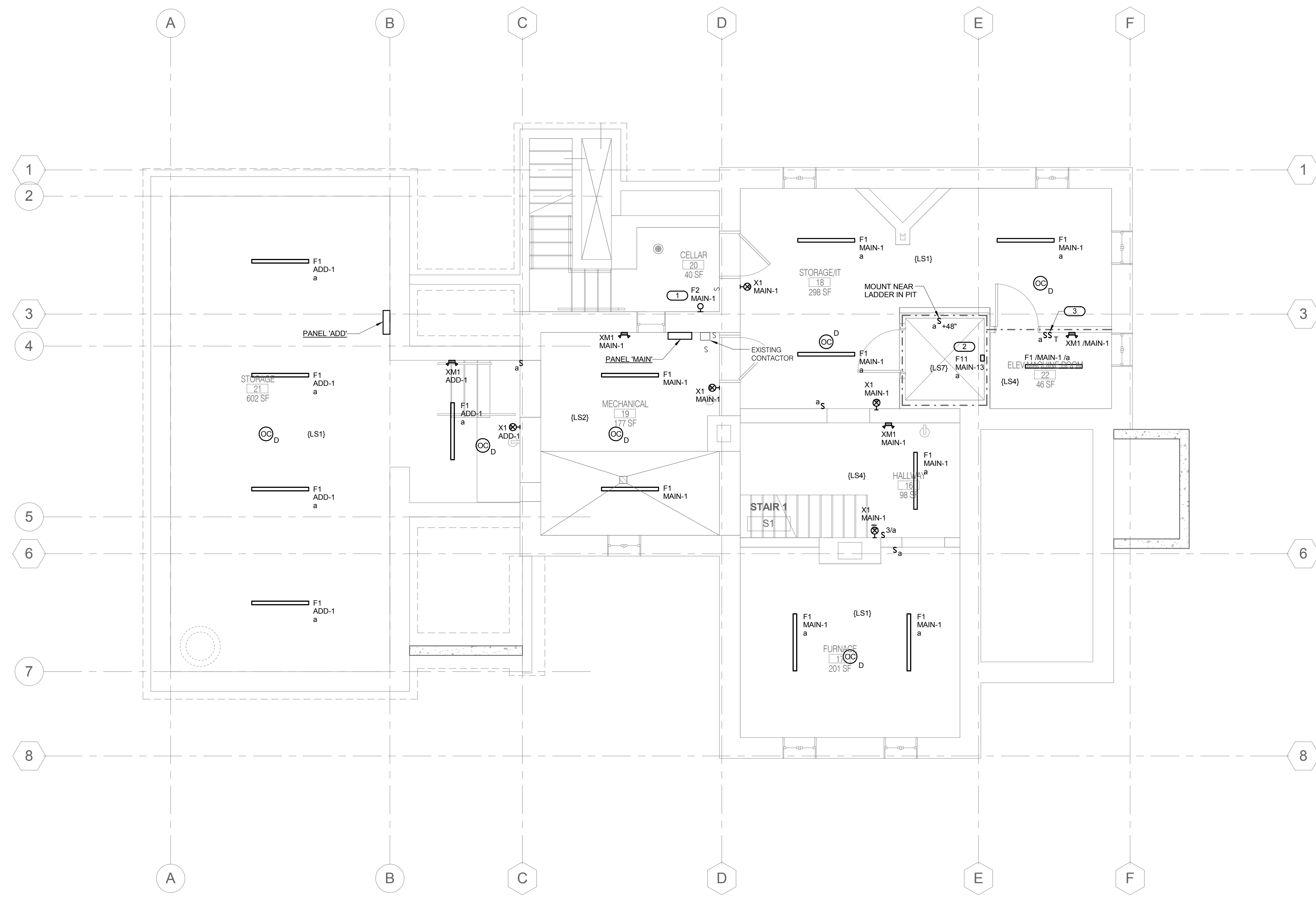
ADA GUIDELINES FOR ALL CONFIGURATIONS

BID SET DOCUMENTS

Project information block including CONSULTANTS (KJWW ENGINEERING CONSULTANTS), ARCHITECT/ENGINEERS (ANDERSON ENGINEERING), Drawing Title (TECHNOLOGY COVER SHEET), Project Title (LODGE REHABILITATION), Project Number (887CM3005), Building Number, Location (FT LEAVENWORTH NATIONAL CEMETERY), Drawing Number (E0.01), Date (02-25-2016), and Office of Construction and Facilities Management logo.

- GENERAL NOTES:**
- REFER TO E0.00 FOR GENERAL ELECTRICAL NOTES, ELECTRICAL INSTALLATION NOTES, ELECTRICAL SYMBOL LIST AND GENERAL ELECTRICAL EQUIPMENT SCHEDULE.
 - REFER TO E3.01 FOR LUMINAIRE SCHEDULE AND PANEL SCHEDULES.
 - (L#) INDICATES THE SEQUENCE OF OPERATION FOR SPACE. REFER TO SHEET E3.01 FOR LIGHTING SEQUENCE OF OPERATION.

- KEYNOTES:**
- CONNECT FIXTURE TO THE EXISTING SWITCH LOCATED IN THE ROOM.
 - MOUNT FIXTURE VERTICALLY WITH BOTTOM AT +48" A.F.F. SO AS NOT TO INTERFERE WITH ELEVATOR RAILS AND EQUIPMENT.
 - PROVIDE TIME SWITCH FOR EF-6 EXHAUST FAN CONTROL.



1 BASEMENT FLOOR PLAN - LIGHTING
 1/4" = 1'-0"

BID SET DOCUMENTS

No.	Revisions	Date

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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.
 PRINT NAME: MATTHEW D. SNYDER
 SIGNATURE: [Signature]
 DATE: 02-25-16
 LICENSE #: 082.081924

ARCHITECT/ENGINEERS:
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 ENGINEERING • ARCHITECTURE • LAND SURVEYING
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 AE PROJECT NO.: 13802

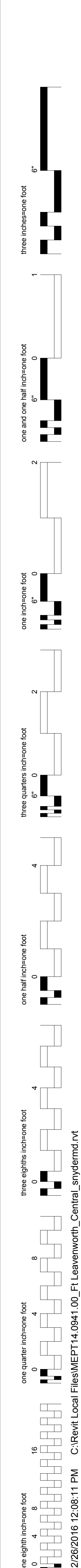
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Drawing Title
BASEMENT FLOOR PLAN - LIGHTING
 Approved: Project Director

Project Title
 LODGE REHABILITATION
 Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS
 Date
 02-25-2016

Project Number
 887CM3005
 Building Number
 E1.01
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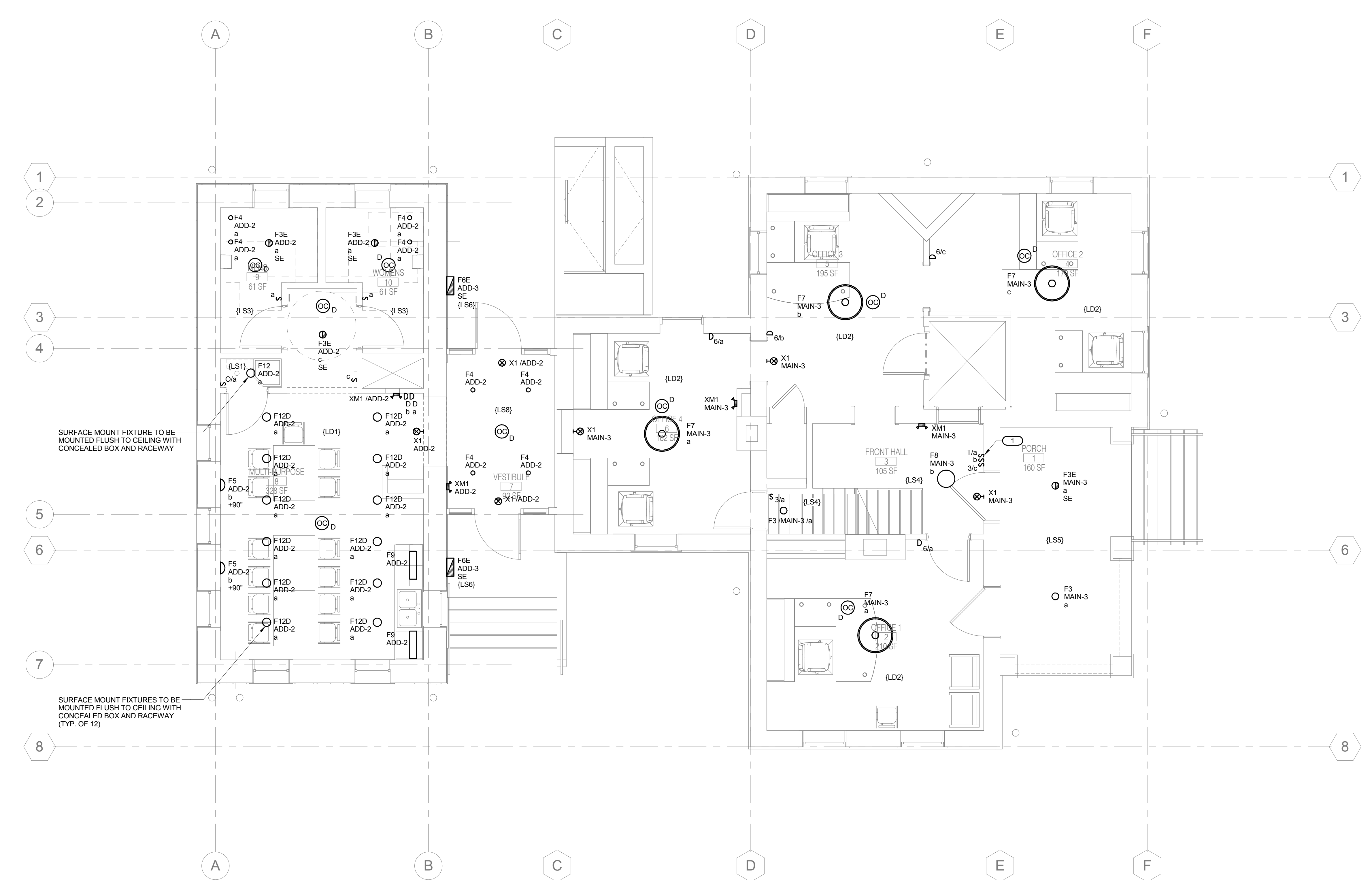
three inches one foot
 one and one half inches one foot
 one inch one foot
 three quarters inch one foot
 one half inch one foot
 three eighths inch one foot
 one quarter inch one foot
 one eighth inch one foot

GENERAL NOTES:

1. REFER TO E0.00 FOR GENERAL ELECTRICAL NOTES, ELECTRICAL INSTALLATION NOTES, ELECTRICAL SYMBOL LIST AND GENERAL ELECTRICAL EQUIPMENT SCHEDULE.
2. REFER TO E3.01 FOR LUMINAIRE SCHEDULE AND PANEL SCHEDULES.
3. (L###) INDICATES THE SEQUENCE OF OPERATION FOR SPACE. REFER TO SHEET E3.01 FOR LIGHTING SEQUENCE OF OPERATION.
4. REFER TO 1.E1.01 FOR PANEL LOCATIONS.

KEYNOTES: (#)

1. PROVIDE NEW TIMER SWITCH TO CONTROL PORCH LIGHTS. PROVIDE NEUTRAL WIRE TO SWITCH IF REQUIRED.




1 **FIRST FLOOR PLAN - LIGHTING**
 1/4" = 1'-0"

No.	Revisions	Date

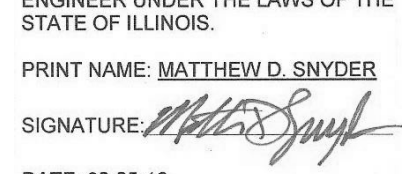
CONSULTANTS:

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AE PROJECT NO.: 13802

Drawing Title
FIRST FLOOR PLAN - LIGHTING

Approved: Project Director

Project Title
LODGE REHABILITATION

Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS

Date
 02-25-2016

Checked
 REIBOR

Drawn
 SEJCHI

Project Number
 887CM3005

Building Number

Drawing Number
E1.02

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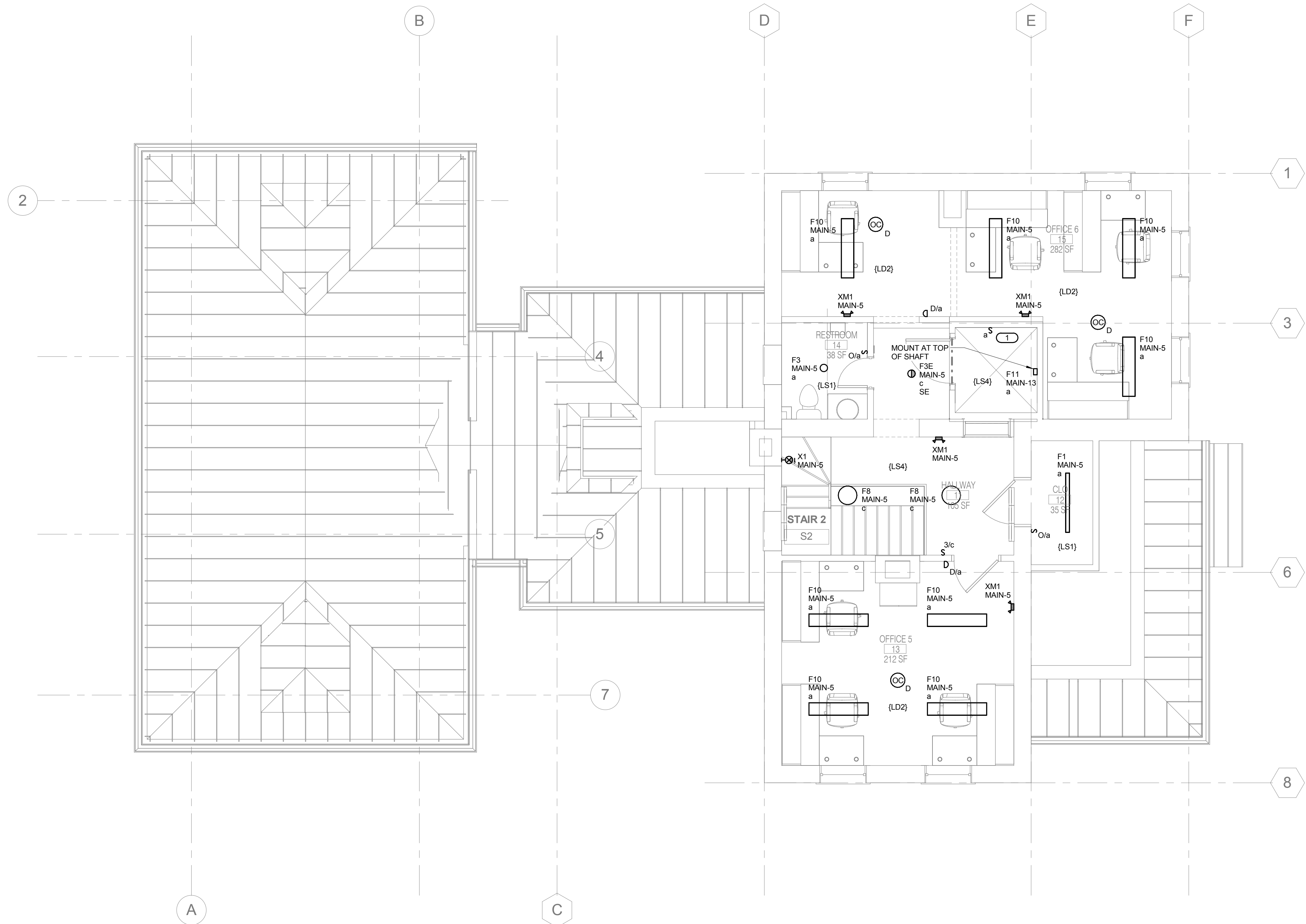
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BID SET DOCUMENTS

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 - REFER TO E3.01 FOR LUMINAIRE SCHEDULE AND PANEL SCHEDULES.
 - (L#) INDICATES THE SEQUENCE OF OPERATION FOR SPACE. REFER TO SHEET E3.01 FOR LIGHTING SEQUENCE OF OPERATION.
 - REFER TO 1.E1.01 FOR PANEL MAIN LOCATIONS.

- KEYNOTES:**
- MOUNT SWITCH NEAR ACCESS TO TOP OF SHAFT. COORDINATE MOUNTING LOCATION OF SWITCH AND LIGHT WITH ELEVATOR CONTRACTOR.



1 SECOND FLOOR PLAN - LIGHTING
1/4" = 1'-0"

three inches one foot
one and one half inches one foot
one inch one foot
one inch one foot
three quarters inch one foot
one half inch one foot
three eighths inch one foot
one quarter inch one foot
one eighth inch one foot

BID SET DOCUMENTS

No.	Revisions	Date

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PRINT NAME: MATTHEW D. SNYDER
SIGNATURE: *Matthew Snyder*
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LICENSE #: 082.081824

ARCHITECT/ENGINEERS:

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AE PROJECT NO.: 13802

Drawing Title
SECOND FLOOR PLAN - LIGHTING

Approved: Project Director

Project Title
LODGE REHABILITATION

Location
FT LEAVENWORTH NATIONAL CEMETERY
LEAVENWORTH, KS

Date
02-25-2016

Checked
REIBOR

Drawn
SEJCHI

Project Number
887CM3005

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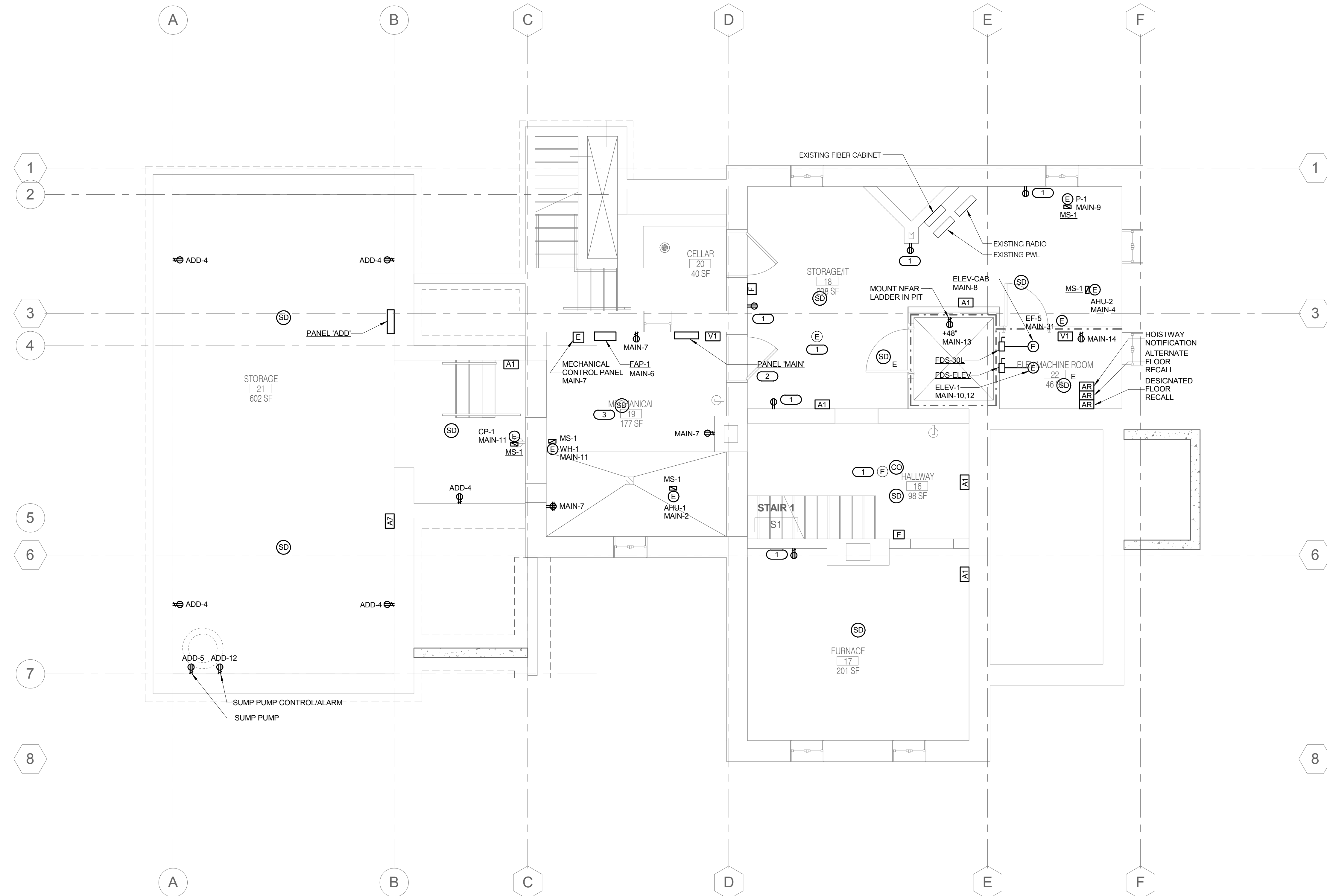
Drawing Number
E1.03

Dwg. 57 of 67

Office of Construction and Facilities Management

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- GENERAL NOTES:**
- REFER TO E0.00 FOR GENERAL ELECTRICAL NOTES, ELECTRICAL INSTALLATION NOTES, ELECTRICAL SYMBOL LIST AND GENERAL ELECTRICAL EQUIPMENT SCHEDULE.
 - REFER TO E0.01 FOR PANEL SCHEDULES, DISCONNECT & STARTER SCHEDULE AND FIRE ALARM OPERATION MATRIX.
- KEYNOTES:**
- PROVIDE NEW WIRING (2#12 & 1#12 GND) IN EXISTING CONDUIT TO EXISTING DEVICE LOCATION CONNECT TO EXISTING CIRCUIT. REPLACE DEVICE AS INDICATED.
 - EXTEND AND RECONNECT ALL EXISTING CIRCUITS TO THE NEW PANEL MAIN AND VERIFY ALL BREAKER QUANTITIES AND SIZES. MATCH EXISTING CONDUIT AND WIRE SIZES FOR ALL CIRCUITS REQUIRING EXTENSION.
 - MOUNT WITHIN 5'-0" OF FAP.1.



1 BASEMENT FLOOR PLAN - POWER & SYSTEMS
1/4" = 1'-0"

three inches=foot
 one and one half inches=foot
 one inch=foot
 three quarters inch=foot
 one half inch=foot
 three eighths inch=foot
 one quarter inch=foot
 one eighth inch=foot

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PRINT NAME: MATTHEW D. SNYDER
SIGNATURE: *Matthew Snyder*
DATE: 02-25-16
LICENSE #: 082.081824

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www.ae-mn.com

AE PROJECT NO.: 13802

Drawing Title
BASEMENT FLOOR PLAN - POWER & SYSTEMS

Approved: Project Director

Project Title
LODGE REHABILITATION

Location
FT LEAVENWORTH NATIONAL CEMETERY
LEAVENWORTH, KS

Date
02-25-2016

Checked
REIBOR

Drawn
SEJCHI

Project Number
887CM3005

Building Number

Drawing Number
E1.11

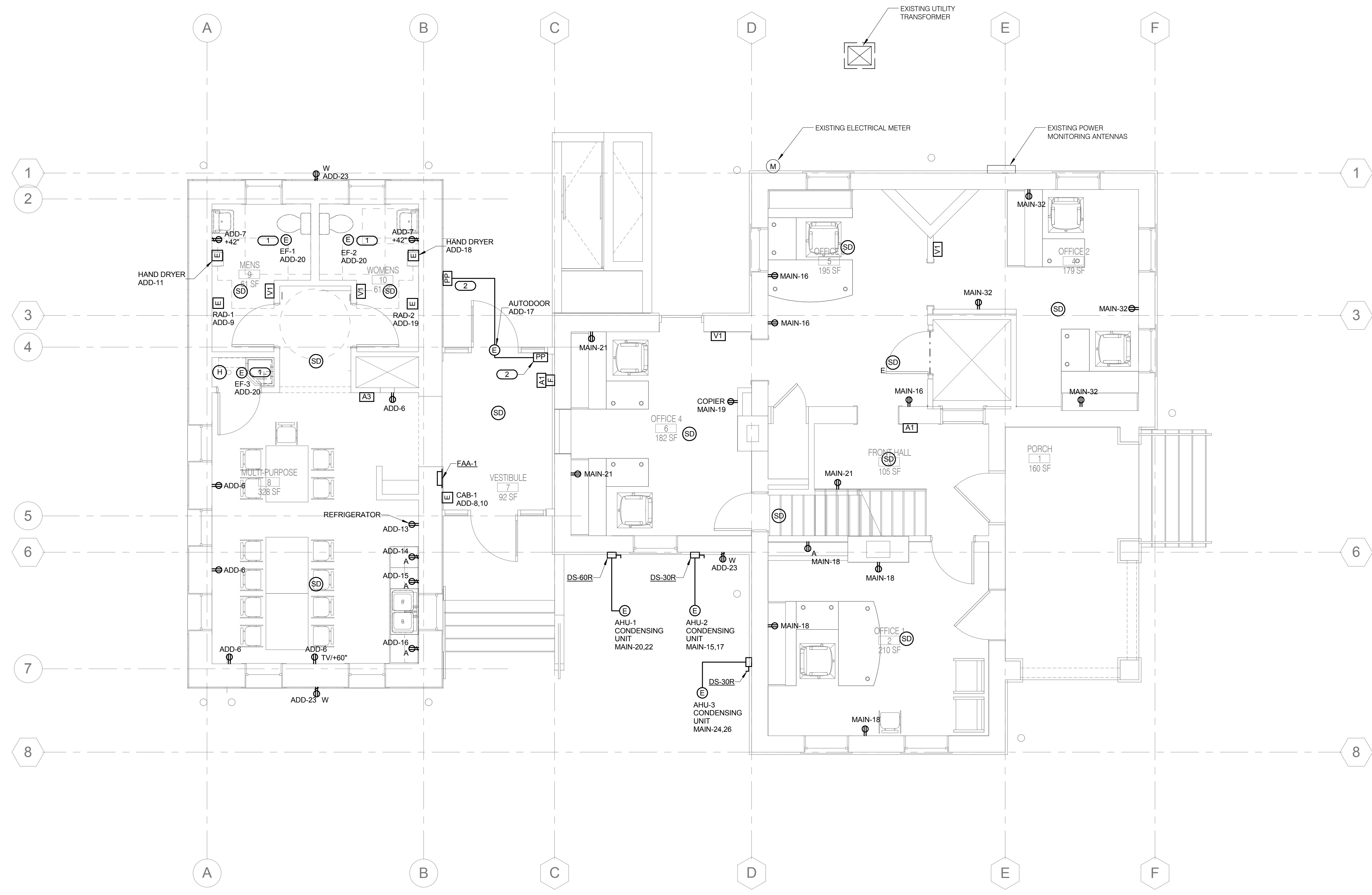
Dwg. 58 of 67

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

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 - REFER TO E3.01 FOR PANEL SCHEDULES, DISCONNECT & STARTER SCHEDULE AND FIRE ALARM OPERATION MATRIX.
 - REFER TO 1/E1.01 FOR PANEL LOCATIONS.
- KEYNOTES:** (#)
- CIRCUIT TO AUXILIARY RELAY CONTACT ON OCCUPANCY SENSOR FOR CONTROL OF EXHAUST FAN.
 - INSTALL PUSHPAD (PP) PROVIDED BY G.C. COORDINATE EXACT LOCATION WITH ARCHITECT.



1 FIRST FLOOR PLAN - POWER & SYSTEMS
1/4" = 1'-0"

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Drawing Title
FIRST FLOOR PLAN - POWER AND SYSTEMS

Approved: Project Director

Project Title
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Location
FT LEAVENWORTH NATIONAL CEMETERY
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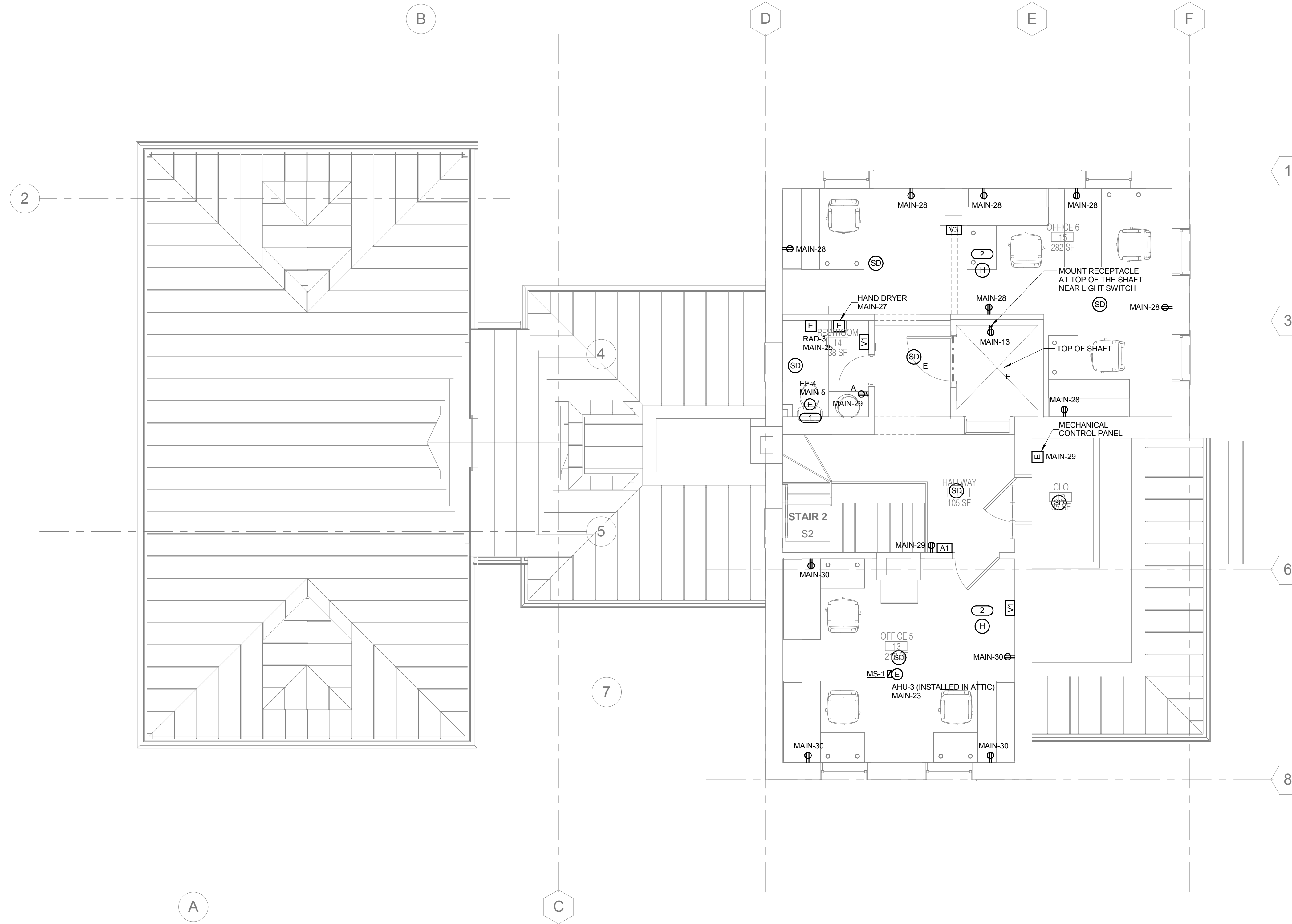
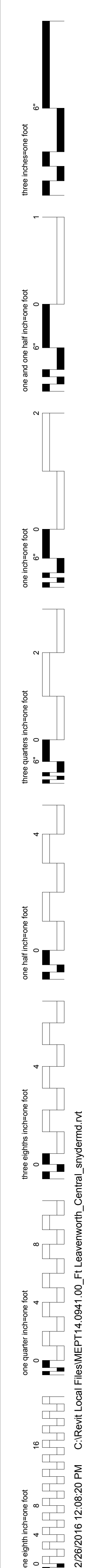
Drawing Number
E1.12

Dwg. 59 of 67

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 - REFER TO E3.01 FOR PANEL SCHEDULES, DISCONNECT & STARTER SCHEDULE AND FIRE ALARM OPERATION MATRIX.
 - REFER TO 1/E1.01 FOR PANEL LOCATIONS.
- KEYNOTES: (#)**
- CIRCUIT TO AUXILIARY RELAY CONTACT ON OCCUPANCY SENSOR FAN CONTROL.
 - INSTALL HEAT DETECTOR IN ATTIC SPACE ABOVE.



1 SECOND FLOOR PLAN - POWER & SYSTEMS
 1/4" = 1'-0"

No.	Revisions	Date

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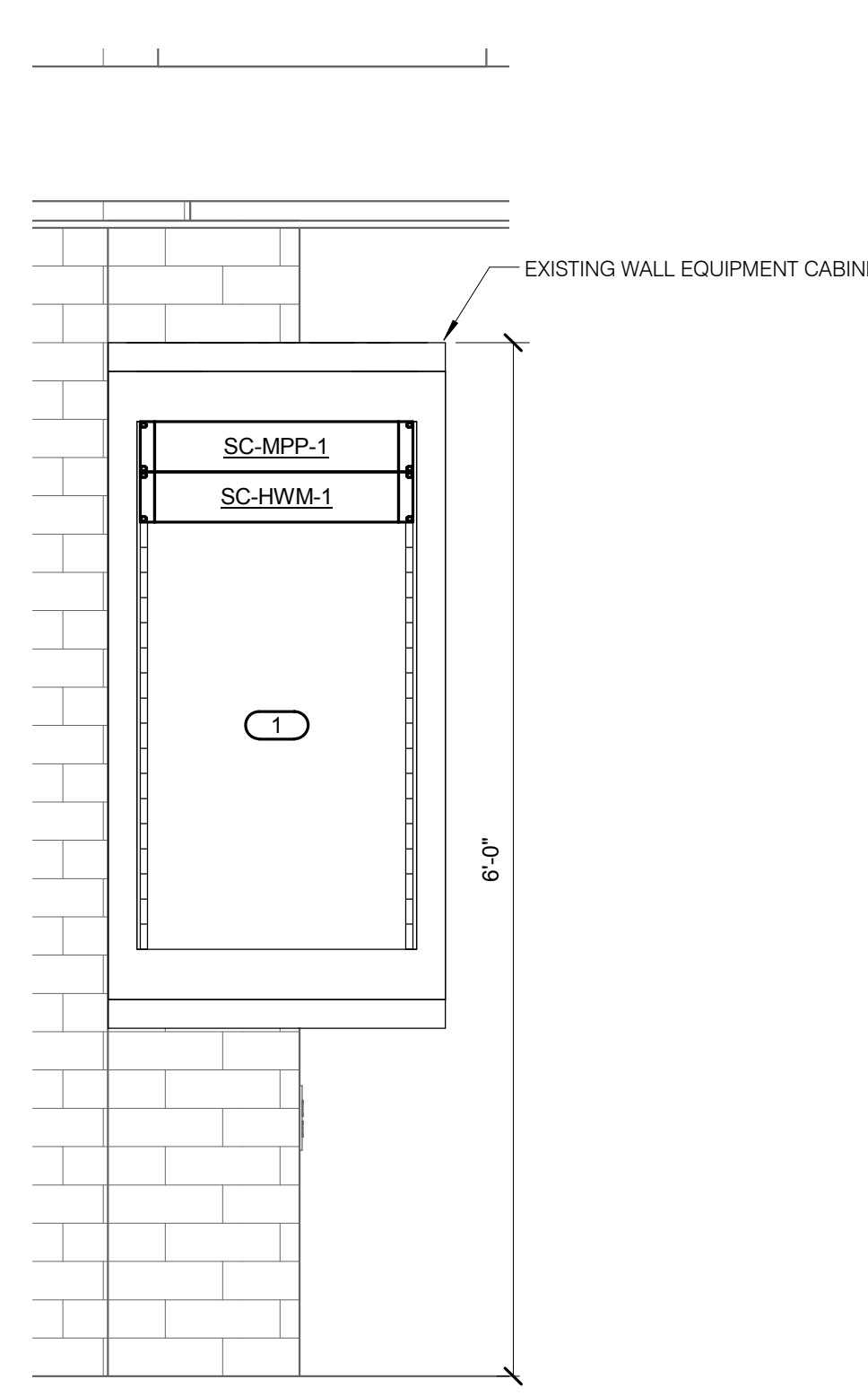
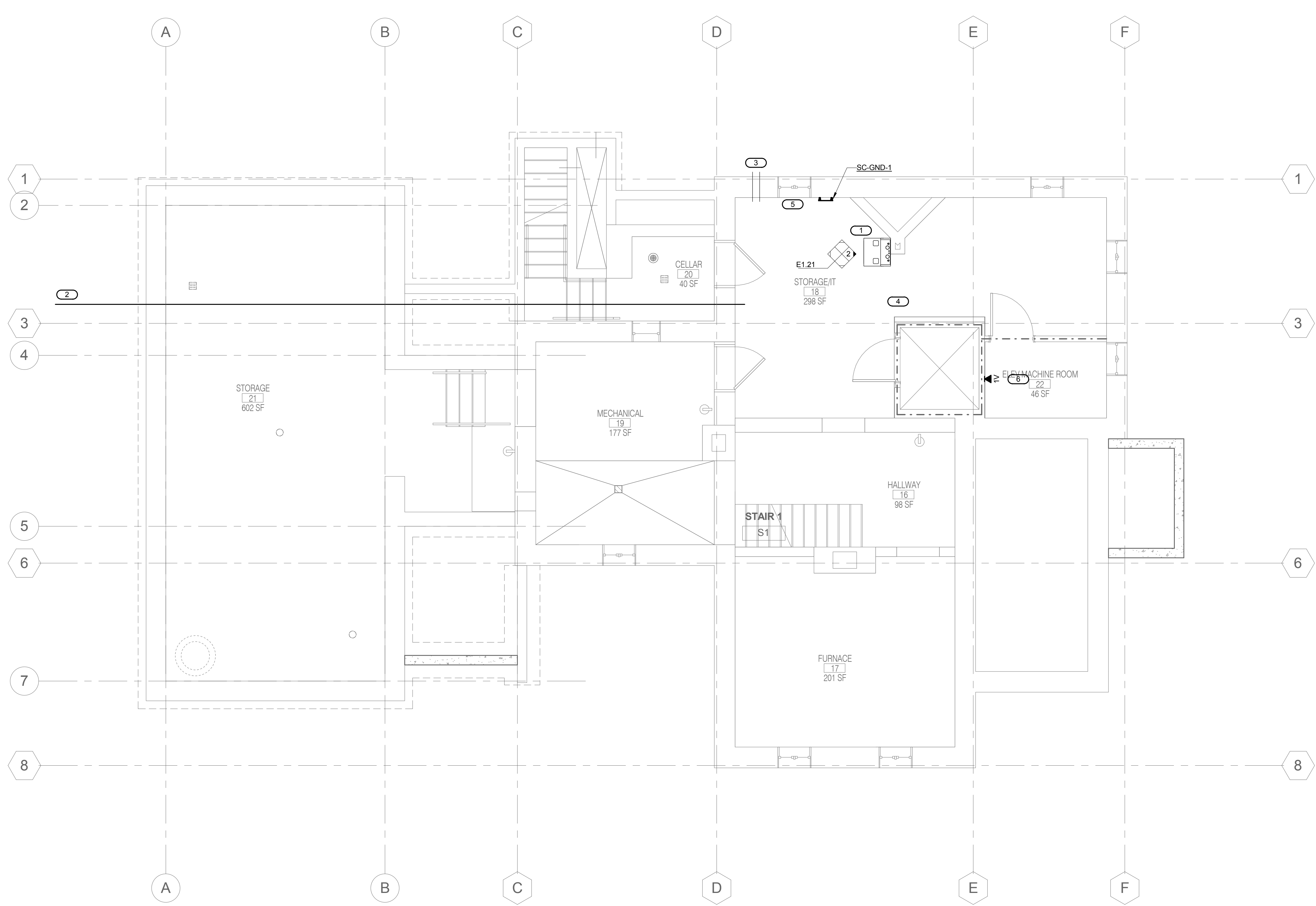
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Drawing Title
SECOND FLOOR PLAN - POWER & SYSTEMS
 Approved: Project Director

Project Title
 LODGE REHABILITATION
 Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS
 Date
 02-25-2016

Project Number
 887CM3005
 Drawing Number
E1.13
 Dwg. 60 of 67

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 VA U.S. Department of Veterans Affairs



1 BASEMENT FLOOR PLAN - TECHNOLOGY

- 14" = 1'-0"
- KEYNOTES:**
- EXISTING WALL EQUIPMENT CABINET.
 - NEW 2" CONDUIT AND TWO (2) CATEGORY 6 CABLES TO MAINTENANCE BUILDING.
 - EXISTING CONDUITS TO REMAIN.
 - AREA OPEN TO STRUCTURE. E.C. TO INSTALL CABLING IN DEDICATED PATHWAYS UTILIZING CABLE SUPPORTS.
 - INSTALL (2) CATEGORY 6 CABLES TO MAINTENANCE BUILDING FOR TEMPORARY SERVICES DURING CONSTRUCTION. UTILIZE THE EXISTING WINDOW TO ROUTE CABLES. INSTALL CABLES ON THE GROUND AND PROVIDE ALL NECESSARY PROTECTION. CONTRACTOR TO COORDINATE WITH OWNER ON CABLE ROUTE. ASSIST WITH OWNER ON CUTOVER OF EXISTING PHONE AND COMPUTER TO TEMPORARY CABLING. ONCE CONSTRUCTION IS COMPLETE REMOVE ALL TEMPORARY CABLING AND RECONNECT EXISTING PHONE AND COMPUTER TO NEW CABLING.
 - OUTLET RESERVED FOR ELEVATOR PHONE. CONTRACTOR TO WORK WITH ELEVATOR CONTRACTOR TO IDENTIFY FINAL TERMINATION LOCATION. ROUTE CABLE TO EQUIPMENT RACK (MC-1).

2 EQUIPMENT RACK LAYOUT - MC-1

- NO SCALE
- NOTES:**
- E.C. TO PROVIDE AND INSTALL RACK MOUNTED GROUND BAR.
 - E.C. TO FIELD COORDINATE WITH OWNER TO REMOVE AND / OR RELOCATE NETWORK EQUIPMENT WITHIN EXISTING CABINET SO NEW CABLING CAN BE INSTALLED.
- KEYNOTES:**
- SPACE RESERVED FOR OWNER EQUIPMENT.

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AE PROJECT NO.: 13802

Drawing Title
BASEMENT FLOOR PLAN - TECHNOLOGY

Approved: Project Director

Project Title
LODGE REHABILITATION

Location
FT LEAVENWORTH NATIONAL CEMETERY
LEAVENWORTH, KS

Date
02-25-2016

Checked
Checker

Drawn
Author

Project Number
887CM3005

Building Number

Drawing Number
E1.21

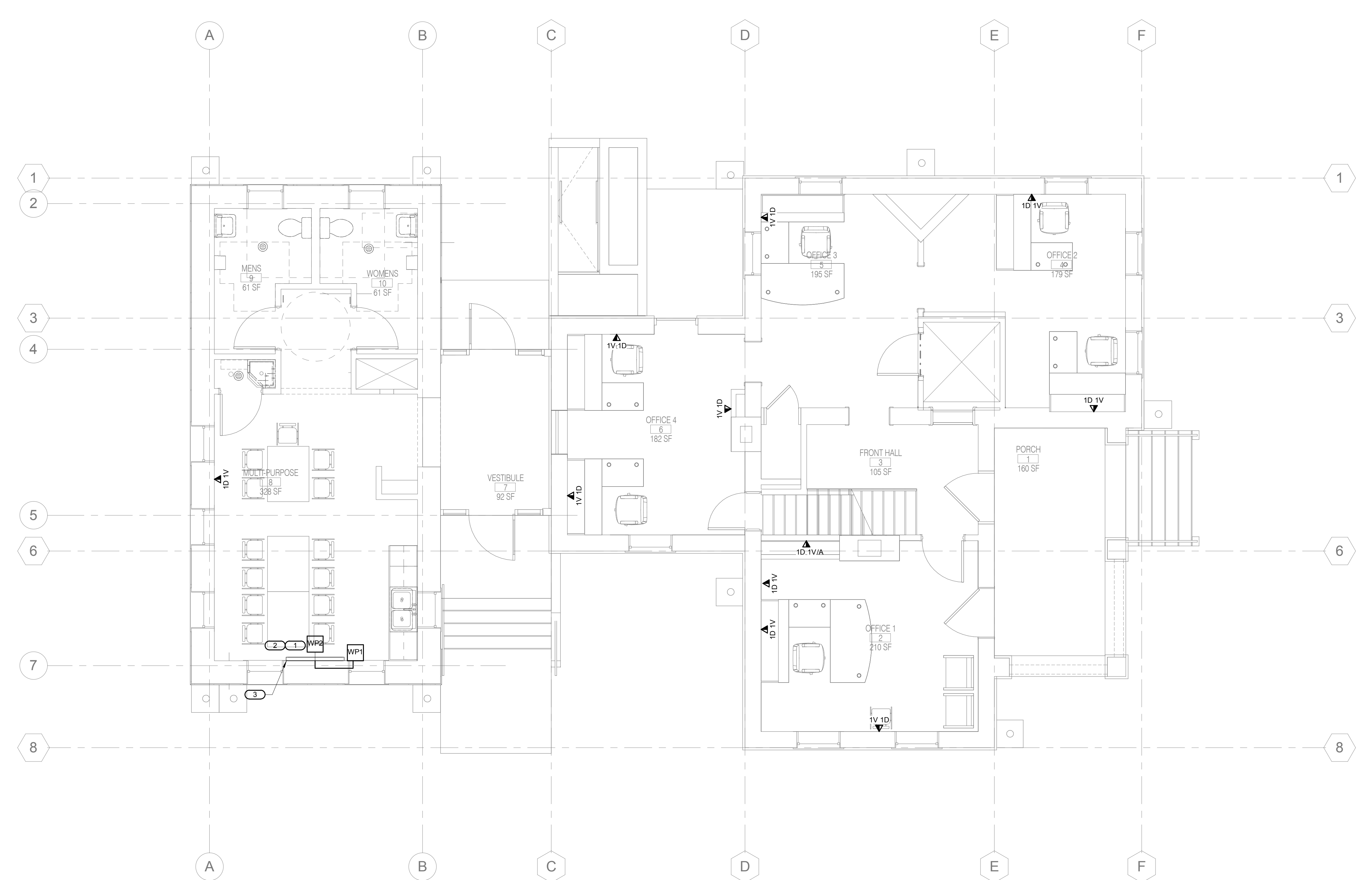
Dwg. 61 of 67

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VA U.S. Department of Veterans Affairs

GENERAL SHEET NOTES:
1. EXTEND ALL CONDUITS AND CABLING TO FLOOR BELOW AND ROUTE TO WALL MOUNTED EQUIPMENT RACK. REFER TO 1E1.21 FOR ADDITIONAL INFORMATION.

KEYNOTES:
1. INSTALL BACKBOX BEHIND DISPLAY. ROUTE CABLES THROUGH BACKBOX FROM WP1 AND CONNECT DIRECTLY TO DISPLAY.
2. REFER TO ARCHITECTURAL DRAWINGS FOR DISPLAY MOUNTING HEIGHT.
3. DISPLAY AND MOUNT BY OWNER.



1 FIRST FLOOR PLAN - TECHNOLOGY
1/4" = 1'-0"

three inches one foot
one and one half inches one foot
one inch one foot
three quarters inches one foot
one half inch one foot
three eighths inches one foot
one quarter inch one foot
one eighth inch one foot

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Drawing Title
FIRST FLOOR PLAN - TECHNOLOGY
Approved: Project Director

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Date
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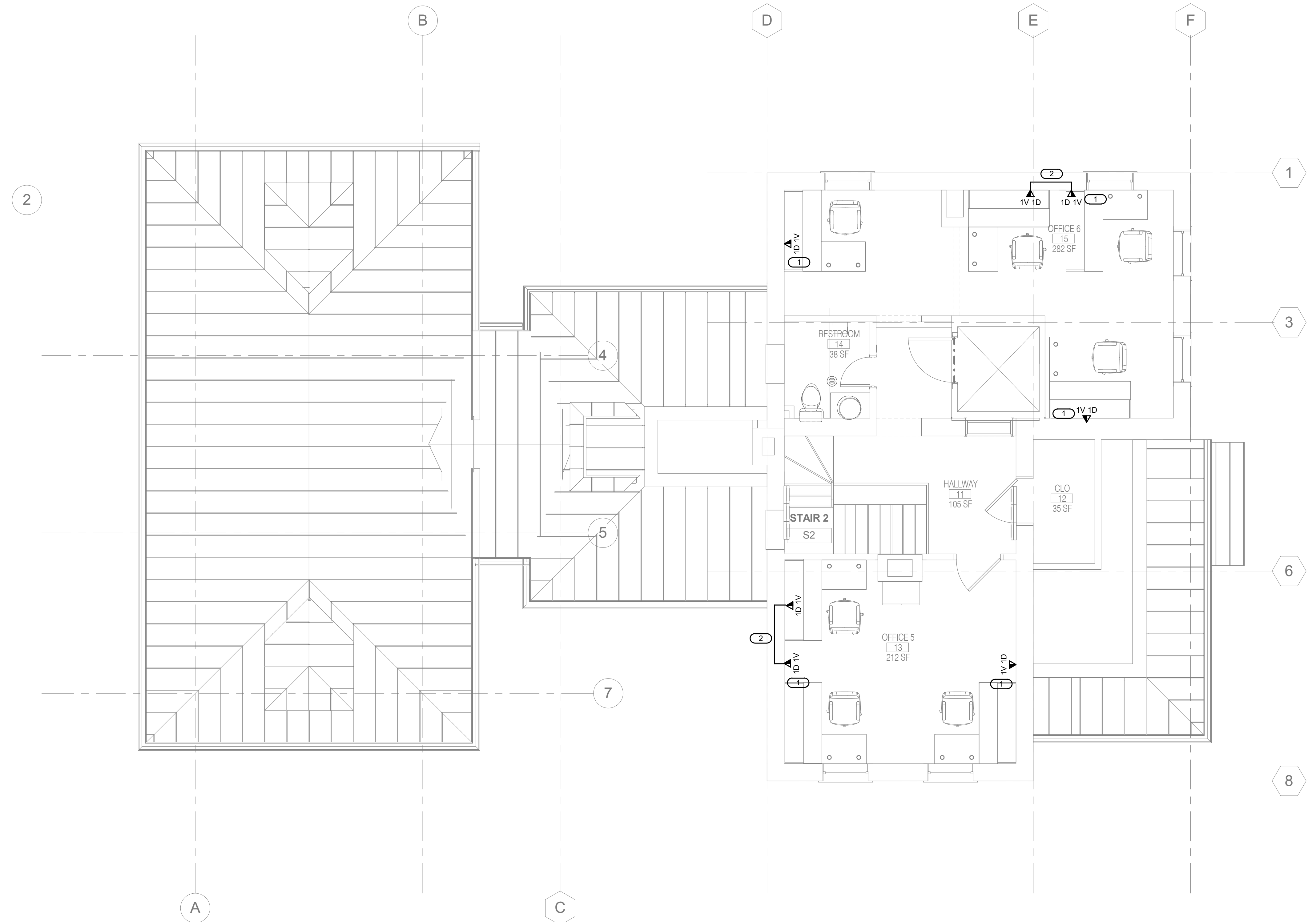
Project Number
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Building Number
E1.22
Dwg. 62 of 67

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

GENERAL SHEET NOTES:
1. EXTEND ALL CONDUITS AND CABLING TO FLOOR BELOW AND ROUTE TO WALL MOUNTED EQUIPMENT RACK. REFER TO 1E1.21 FOR ADDITIONAL INFORMATION.

KEYNOTES:
1. EXTEND CONDUIT TO LOW VOLTAGE BACK BOX ON THE FLOOR BELOW.
2. EXTEND CONDUIT TO BACKBOX.

three inches=one foot
1
one and one half inch=one foot
2
one inch=one foot
3
three quarters inch=one foot
4
one half inch=one foot
5
three eighths inch=one foot
6
one quarter inch=one foot
7
one eighth inch=one foot
8
one sixteenth inch=one foot
9



1 SECOND FLOOR PLAN - TECHNOLOGY
1/4" = 1'-0"

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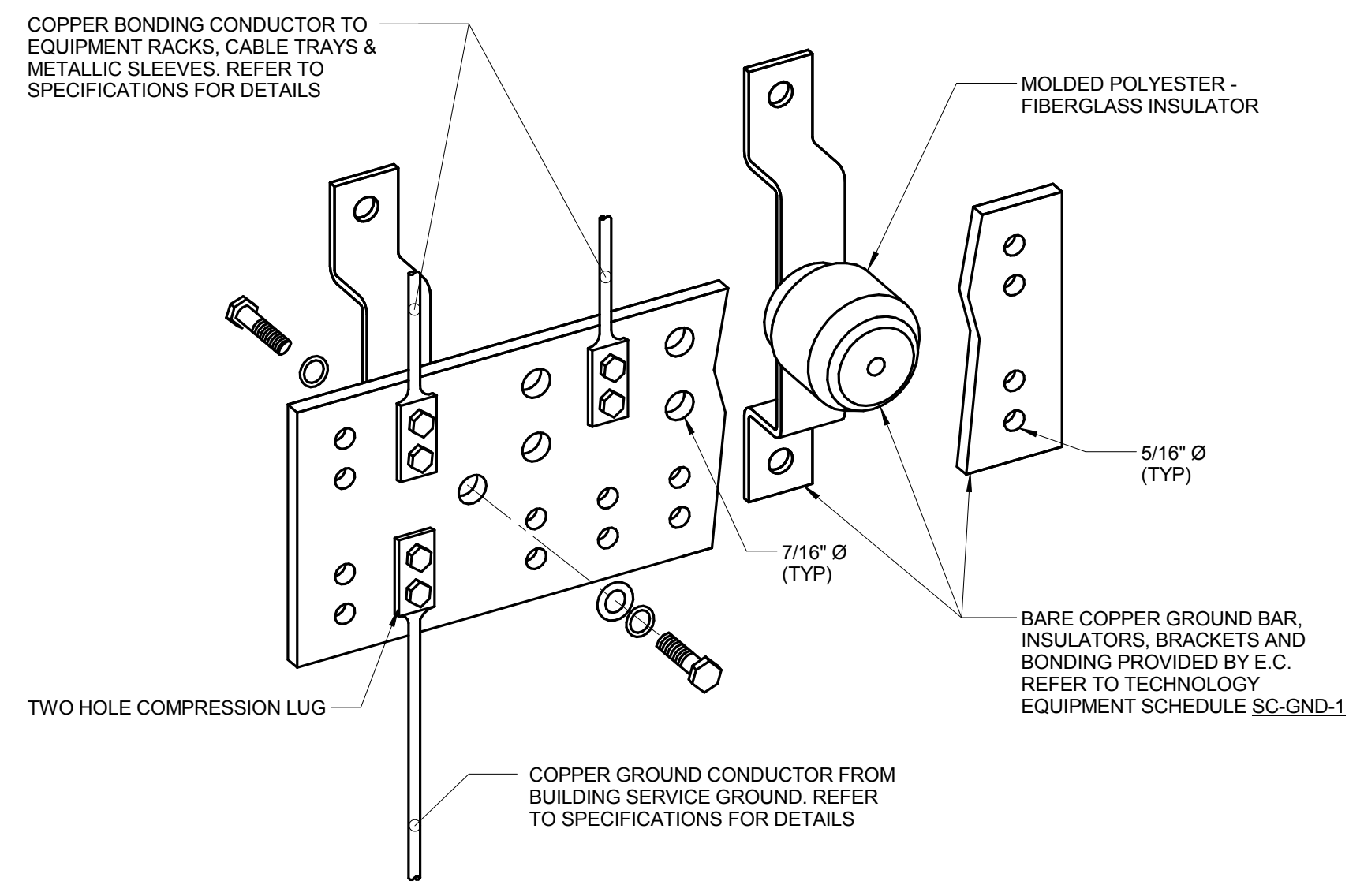
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Drawing Title
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Approved: Project Director

Project Title
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FT LEAVENWORTH NATIONAL CEMETERY
LEAVENWORTH, KS
Date
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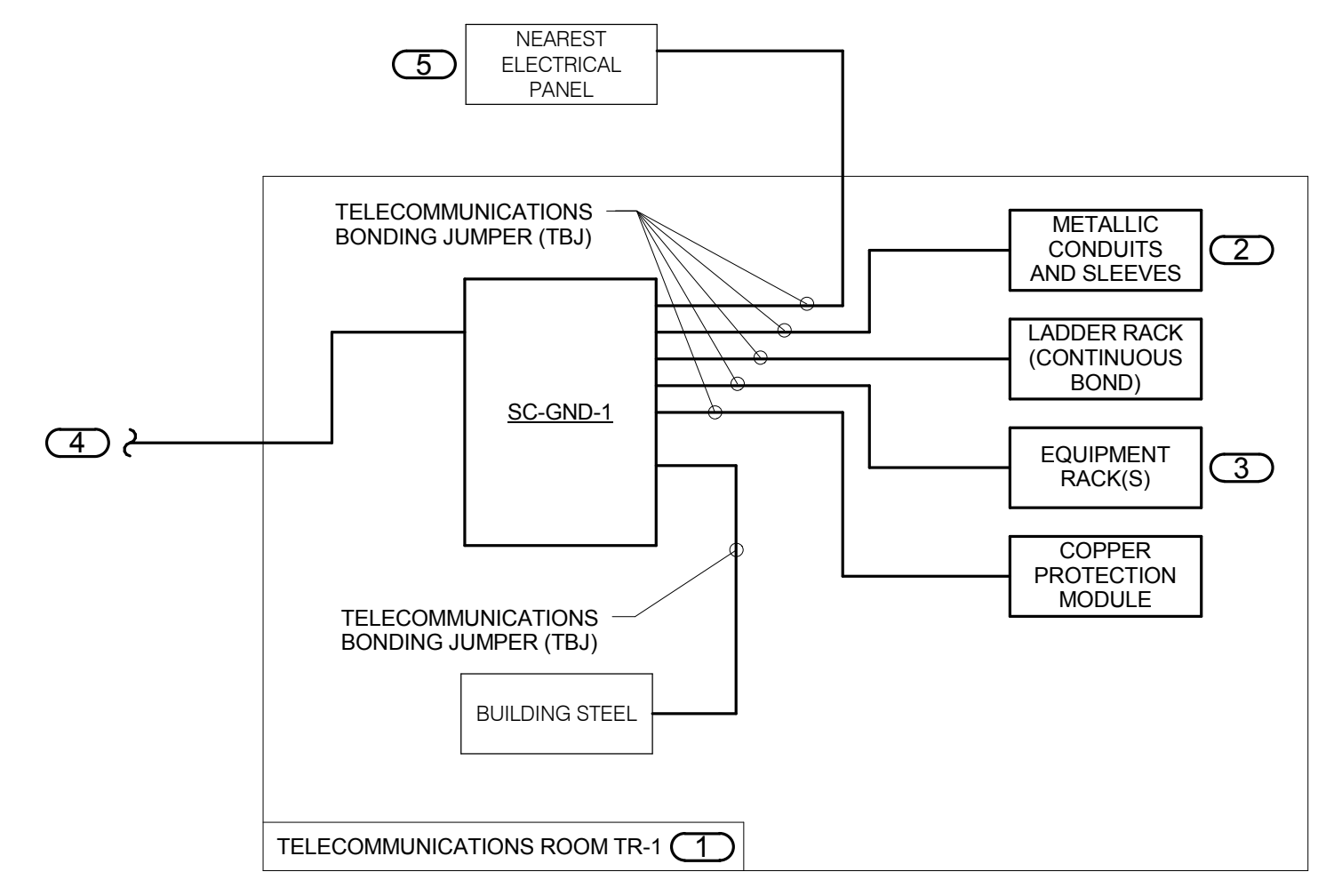
Project Number
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Building Number
E1.23
Drawing Number
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1 BONDING BUS BAR DETAIL

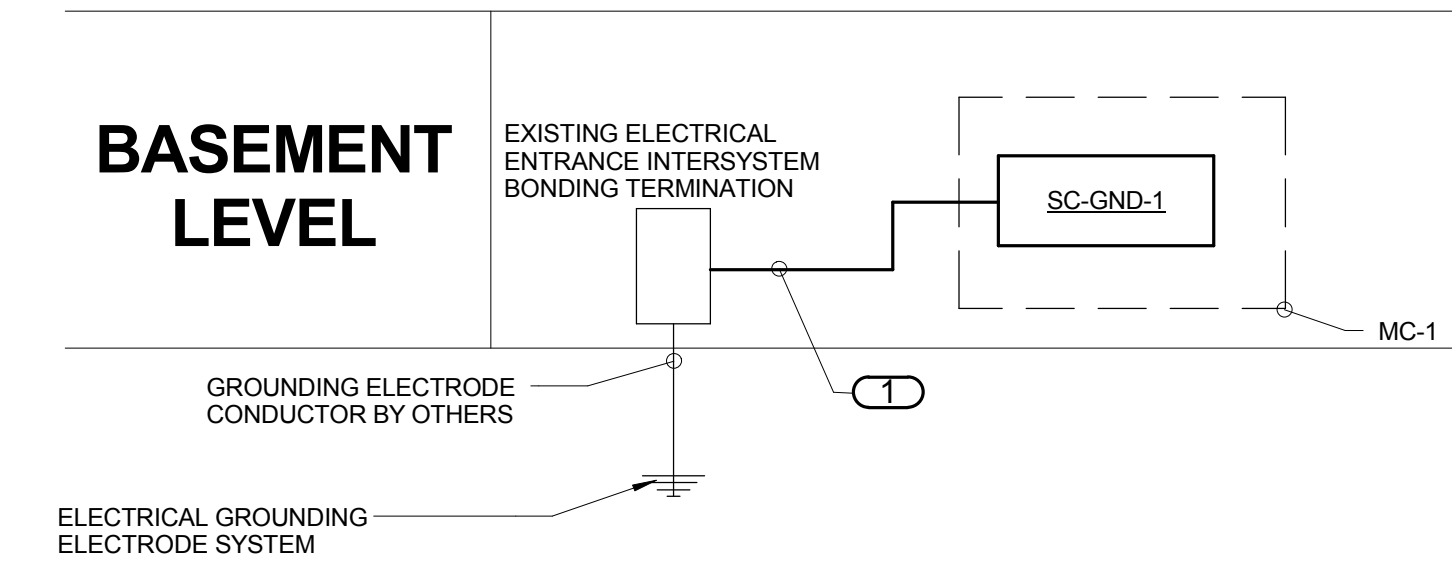
NO SCALE
 NOTES:
 1. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE SC-GND-1 FOR WIDTH REQUIREMENTS.
 2. REFER TO 2/E2.02 FOR TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM.



2 TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM

NO SCALE
 NOTES:
 1. THIS FLOW DIAGRAM IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS. THIS FLOW DIAGRAM IS SHOWN FOR CLARIFICATION OF CONNECTION LOCATIONS AND CONDUCTOR TYPE. ALL CONNECTIONS AND SYSTEM DEVICES SHOWN ARE TYPICAL AND NOT REPRESENTATIVE OF ACTUAL PROJECT QUANTITIES. REFER TO FLOOR PLANS AND ENLARGED FLOOR PLANS FOR ACTUAL QUANTITIES AND LOCATIONS OF DEVICES AND MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 2. ALL CONDUCTORS IN THE TECHNOLOGY BONDING SYSTEM SHALL BE MINIMUM SIZE OF 3/0 AWG PLENUM RATED COPPER (GREEN OR MARKED WITH A DISTINCTIVE GREEN COLOR) UNLESS CONDUCTOR LENGTH IS LESS THAN 66 FEET. REFER TO BONDING CONDUCTOR SIZING SCHEDULE FOR SIZING CRITERIA FOR CONDUCTORS LESS THAN 66 FEET IN LENGTH. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 3. ALL BONDING CONDUCTORS AND BONDING JUMPERS SHALL BE CONNECTED BY COMPRESSION LUGS, EXOTHERMIC WELDING, OR IRREVERSIBLE COMPRESSION CONNECTORS. SOLDER IS NOT AN ACCEPTABLE MEANS OF CONNECTION. SHEET METAL SCREWS SHALL NOT BE USED TO CONNECT COMMUNICATIONS BONDING CONDUCTORS TO EQUIPMENT. WHERE NECESSARY, REMOVE PAINT AND/OR USE PAINT-PIERCING WASHERS TO PROVIDE PROPER ELECTRICAL BOND AT ALL CONNECTIONS.
 4. REFER TO 1/E2.02 FOR BONDING BUS BAR DETAIL AND ADDITIONAL INFORMATION AND REQUIREMENTS FOR SC-GND-1.

KEYNOTES:
 1. REFER TO TELECOM ROOM REFERENCES SCHEDULE ON DRAWING E0.01 FOR TELECOMMUNICATIONS ROOM NUMBER AND LOCATION INFORMATION.
 2. INCLUDES HORIZONTAL AND VERTICAL CONDUIT SLEEVES FOR TECHNOLOGY CABLING.
 3. PROVIDE RACK MOUNT TELECOMMUNICATIONS BONDING BUSBAR AT EACH EQUIPMENT RACK.
 4. BONDING CONDUCTOR FOR TELECOMMUNICATIONS (BCT) TO ELECTRICAL ENTRANCE INTERSYSTEM BONDING TERMINATION. REFER TO 3/E2.02 FOR TELECOMMUNICATIONS BONDING RISER DIAGRAM FOR CONTINUATION AND ADDITIONAL INFORMATION AND REQUIREMENTS.
 5. REFER TO THE ELECTRICAL DRAWINGS FOR LOCATION.

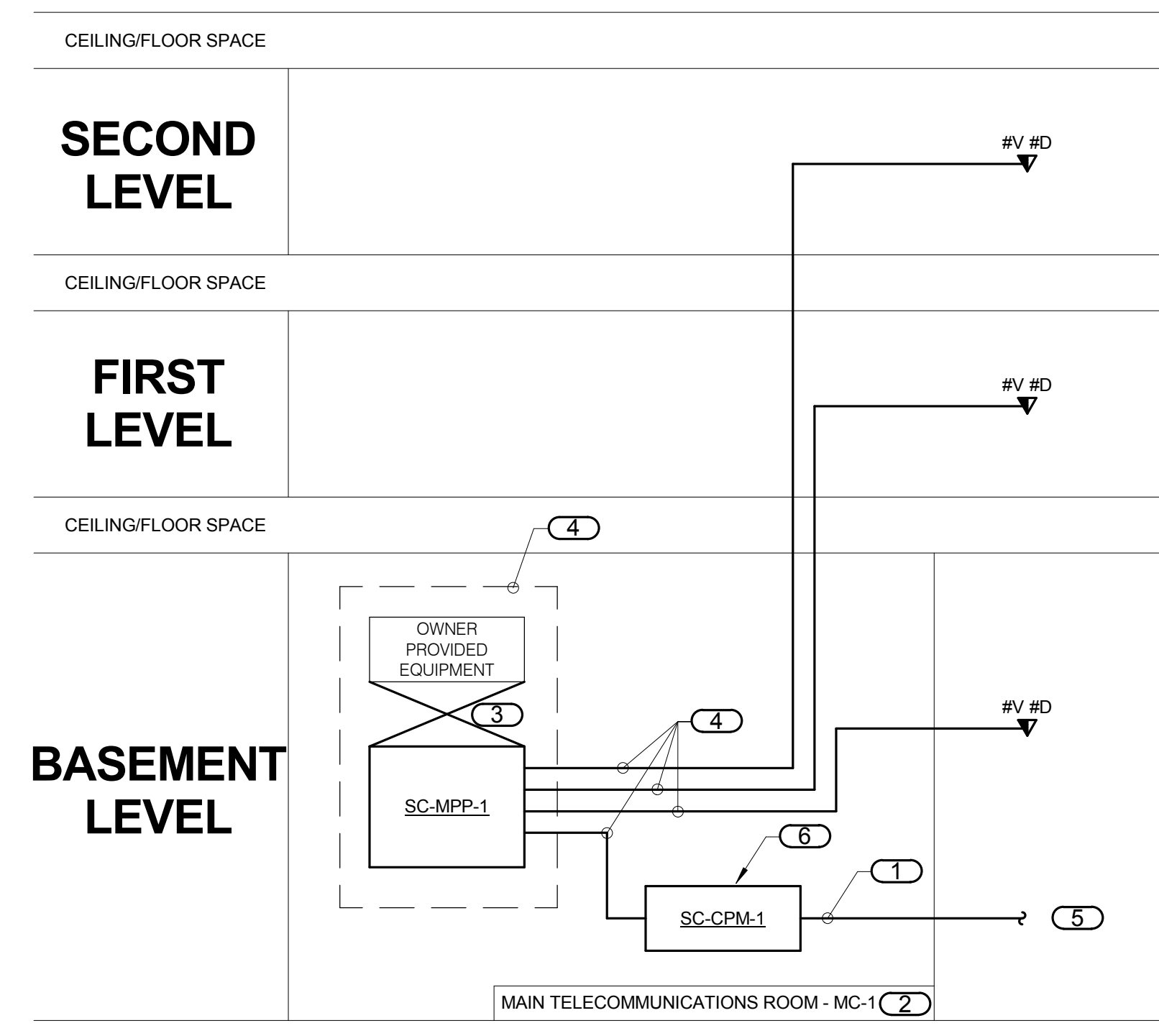


3 TECHNOLOGY BONDING RISER DIAGRAM

NO SCALE
 NOTES:
 1. THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION LOCATIONS AND CONDUCTOR TYPE. ALL CONNECTIONS AND SYSTEM DEVICES SHOWN ARE TYPICAL AND NOT REPRESENTATIVE OF ACTUAL PROJECT QUANTITIES. REFER TO FLOOR PLANS AND ENLARGED FLOOR PLANS FOR ACTUAL QUANTITIES AND LOCATIONS OF DEVICES AND MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 2. ALL CONDUCTORS IN THE TECHNOLOGY BONDING SYSTEM SHALL BE MINIMUM SIZE OF 3/0 AWG (PLENUM RATED) COPPER (GREEN OR MARKED WITH A DISTINCTIVE GREEN COLOR) UNLESS CONDUCTOR LENGTH IS LESS THAN 66 FEET. REFER TO BONDING CONDUCTOR SIZING SCHEDULE FOR SIZING CRITERIA FOR CONDUCTORS LESS THAN 66 FEET IN LENGTH. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 3. ALL BONDING CONDUCTORS AND BONDING JUMPERS SHALL BE CONNECTED BY COMPRESSION LUGS, EXOTHERMIC WELDING, OR IRREVERSIBLE COMPRESSION CONNECTORS. SOLDER IS NOT AN ACCEPTABLE MEANS OF CONNECTION. SHEET METAL SCREWS SHALL NOT BE USED TO CONNECT COMMUNICATIONS BONDING CONDUCTORS TO EQUIPMENT. WHERE NECESSARY, REMOVE PAINT AND/OR USE PAINT-PIERCING WASHERS TO PROVIDE PROPER ELECTRICAL BOND AT ALL CONNECTIONS.
 4. REFER TO 2/E2.02 FOR TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM.
 5. REFER TO TELECOM ROOM REFERENCES SCHEDULE ON DRAWING E0.01 FOR TELECOMMUNICATIONS ROOM NUMBER AND LOCATION INFORMATION.

KEYNOTES:
 1. BONDING CONDUCTOR FOR TELECOMMUNICATIONS (BCT). BCT SHALL BE THE SAME SIZE AS THE TBB OR LARGER. REFER TO BONDING CONDUCTOR SIZING SCHEDULE FOR SIZING REQUIREMENTS.

BONDING CONDUCTOR SIZING SCHEDULE	
CONDUCTOR LENGTH IN FEET	MINIMUM ACCEPTABLE SIZE - AWG
LESS THAN 13'	6
14' - 20'	4
21' - 26'	3
27' - 33'	2
34' - 41'	1
42' - 52'	1/0
53' - 66'	2/0
GREATER THAN 66'	3/0



4 COPPER RISER DIAGRAM

NO SCALE
 NOTES:
 1. THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS SHOWN. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTIONS, LOCATIONS AND CABLE TYPE. ALL INFORMATION OUTLETS ARE TYPICAL OF THE OUTLETS IN THE AREA SHOWN. REFER TO FLOOR PLANS FOR MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 2. REFER TO FLOOR PLANS FOR QUANTITY OF CABLES AND JACKS TO BE INSTALLED AT EACH INFORMATION OUTLET.

KEYNOTES:
 1. (2) OUTDOOR RATED CATEGORY 6 RATED CABLES.
 2. REFER TO FLOOR PLANS FOR TELECOMMUNICATIONS ROOM LOCATION.
 3. RJ-45 TO RJ-45 CATEGORY 6 PATCH CORDS. REFER TO SPECIFICATIONS.
 4. 23 GAUGE 4-PAIR, CATEGORY 6, UNSHIELDED TWISTED PAIR CABLE. REFER TO SPECIFICATIONS.
 5. CABLES TERMINATE AT MAINTENANCE BUILDING. COORDINATE WITH OWNER ON LOCATION OF COMMUNICATIONS OUTLETS AND EXTEND CABLING TO EACH DEVICE.
 6. INSTALL DEVICE ON WALL.

three eighths inch-one foot
 one and one half inch-one foot
 one inch-one foot
 one quarter inch-one foot
 three quarters inch-one foot
 one half inch-one foot
 one eighth inch-one foot
 one quarter inch-one foot
 one eighth inch-one foot

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Date
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Project Number
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Building Number

Drawing Number
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Dwg. 64 of 67

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

LUMINAIRE SCHEDULE table with columns for (MOUNTING), (TYPE) LAMP TECHNOLOGY, (L) LENS / LOUVER, and (TYPE) BALLAST.

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY.

REFER TO SPECIFICATION SECTION LIGHTING 28 51 00 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

ALL LAMPS FOR THIS PROJECT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.

Table with columns: ITEM, DESCRIPTION, DIMENSIONS (L, W, H, DIA.), MTG, TYPE, QTY, LAMPS, MODEL, BALLAST, VOLTS, TYPE, LUL, APPROVED MANUFACTURER.

Table with columns: ITEM, DESCRIPTION, DIMENSIONS (L, W, H, DIA.), MTG, TYPE, QTY, LAMPS, MODEL, BALLAST, VOLTS, TYPE, LUL, APPROVED MANUFACTURER.

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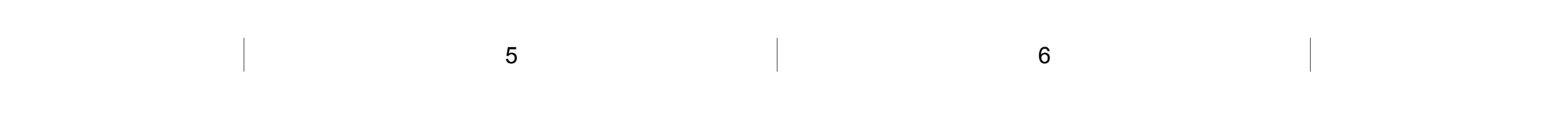
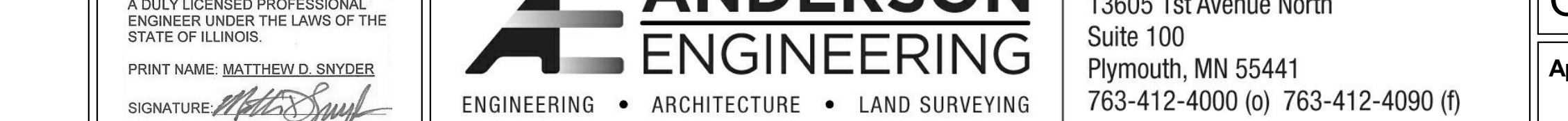
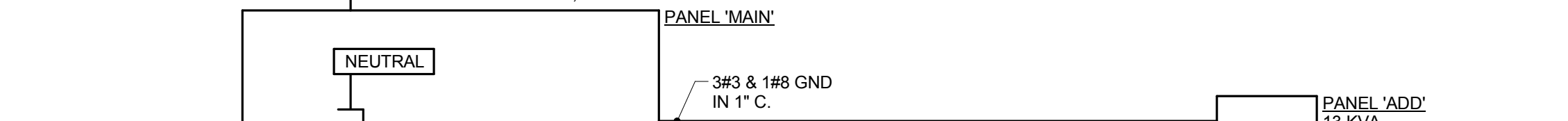
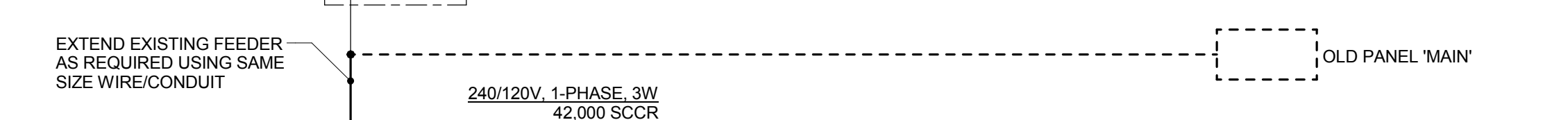
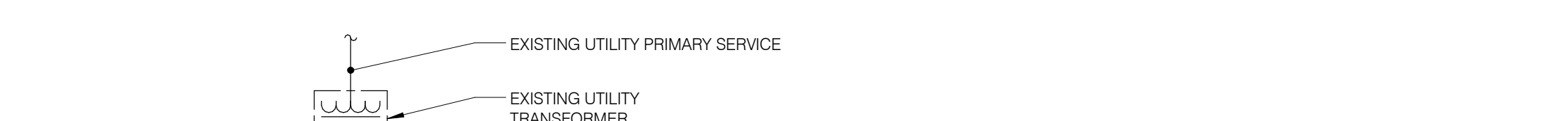
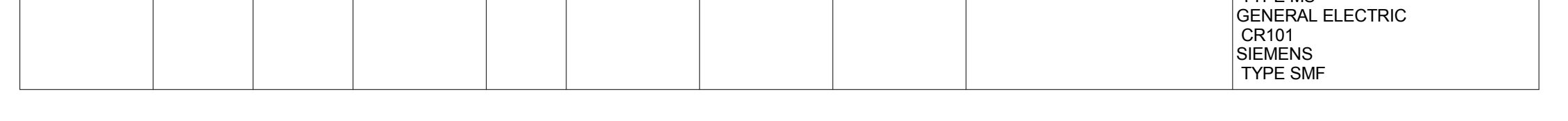
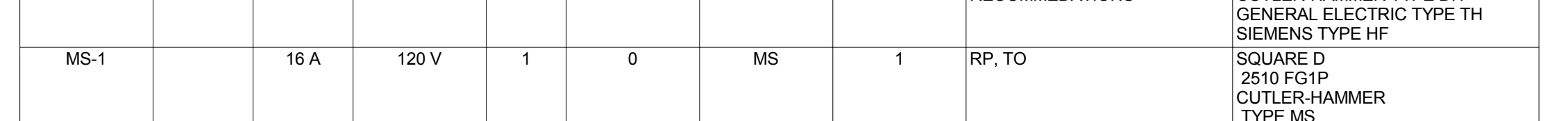
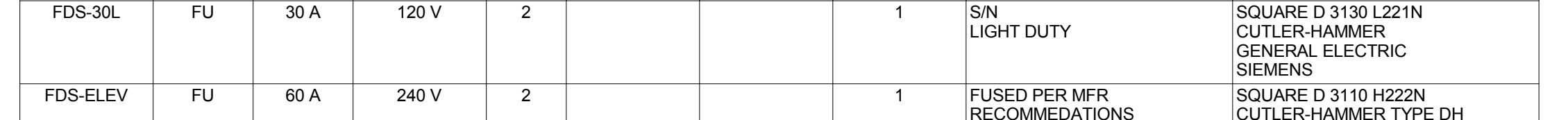
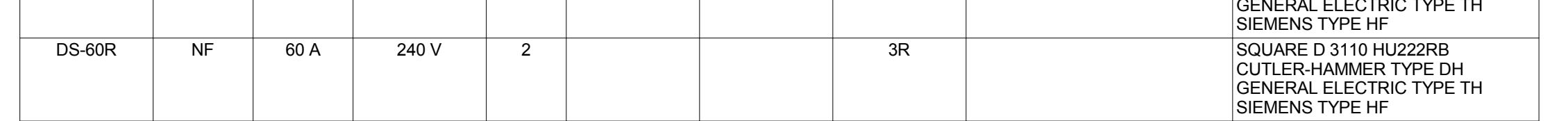
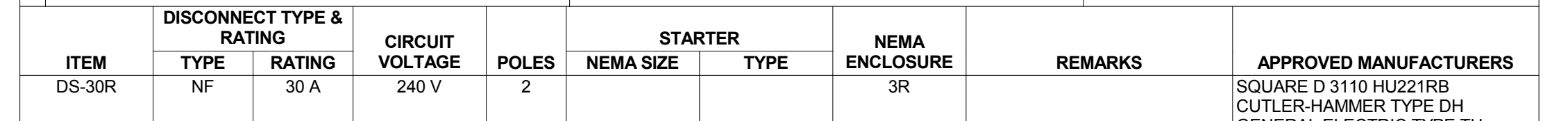
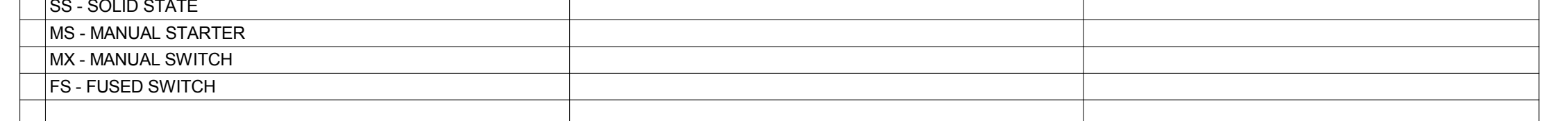
Table with columns: ITEM, DESCRIPTION, DIMENSIONS (L, W, H, DIA.), MTG, TYPE, QTY, LAMPS, MODEL, BALLAST, VOLTS, TYPE, LUL, APPROVED MANUFACTURER.

PANEL NAME: MAIN table with columns: CKT NO., LOAD DESCRIPTION, AMP, POLES, A, B, POLES, AMP, LOAD DESCRIPTION, CKT NO.

NOTE: ALL DISCONNECTS (EXCEPT MANUAL STARTERS) SHALL BE HEAVY DUTY TYPE, UNLESS NOTED OTHERWISE.

DISCONNECT AND STARTER SCHEDULE table with columns: DISCONNECT TYPE, REMARKS, STARTER TYPE, REMARKS.

Table with columns: ITEM, DISCONNECT TYPE & RATING, CIRCUIT VOLTAGE, POLES, STARTER, NEMA SIZE, TYPE, NEMA ENCLOSURE, REMARKS, APPROVED MANUFACTURERS.

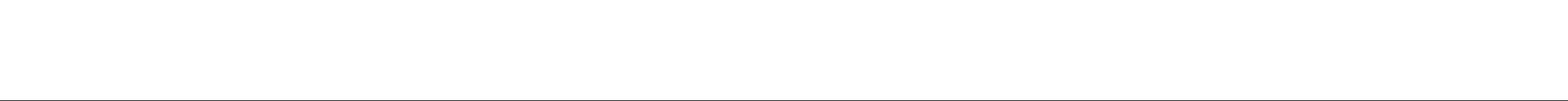
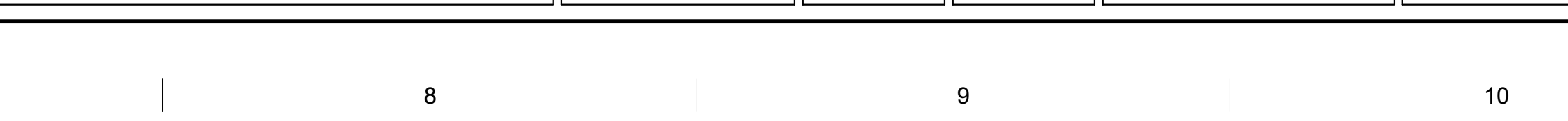
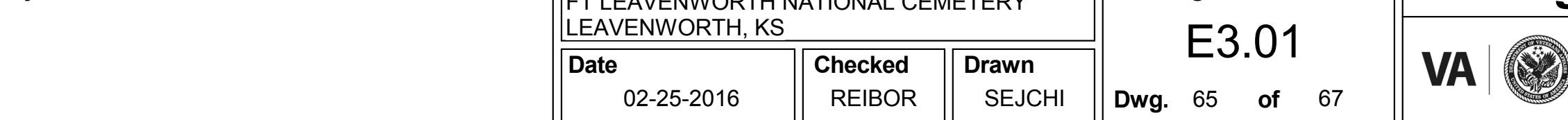
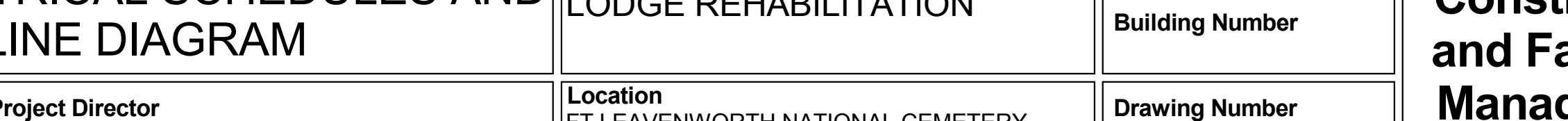
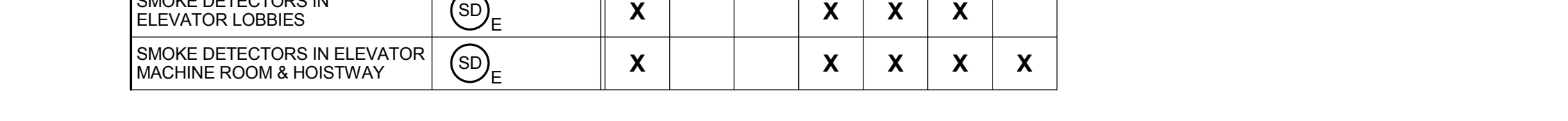
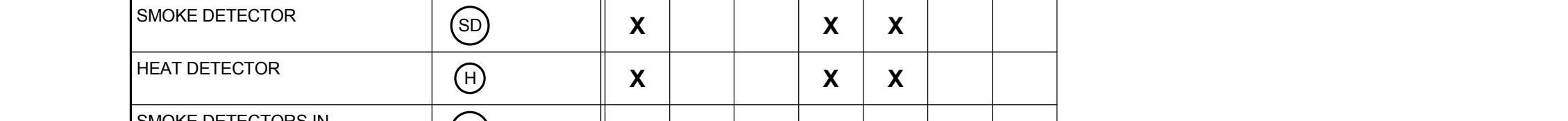
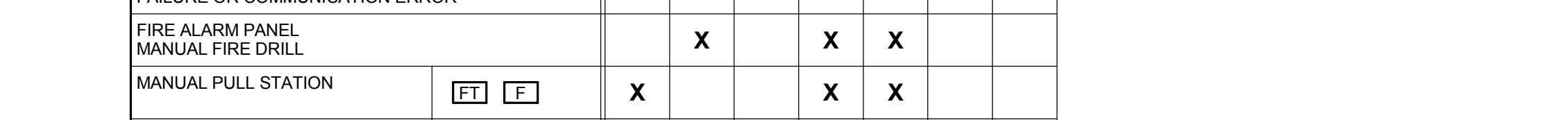
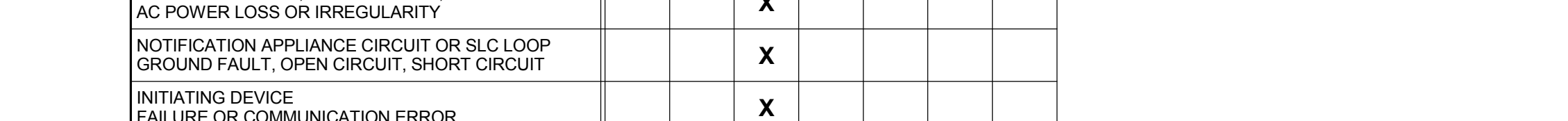
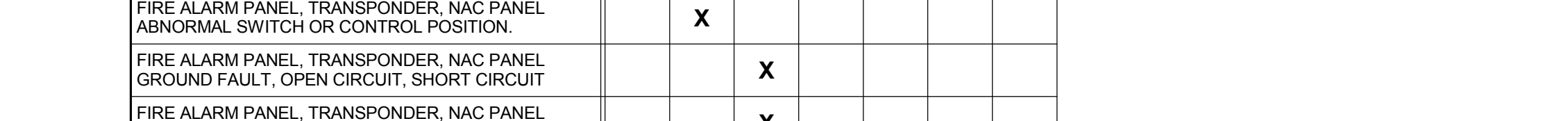
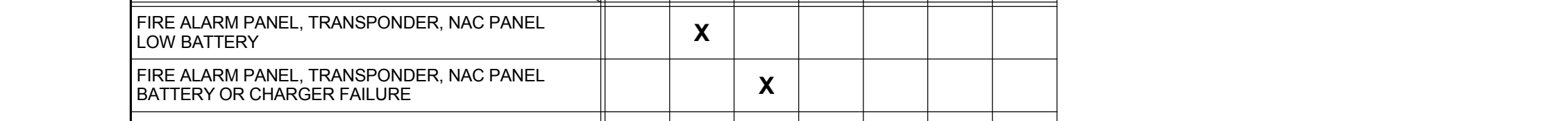
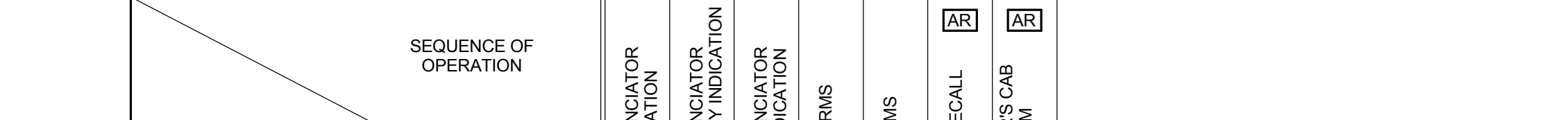
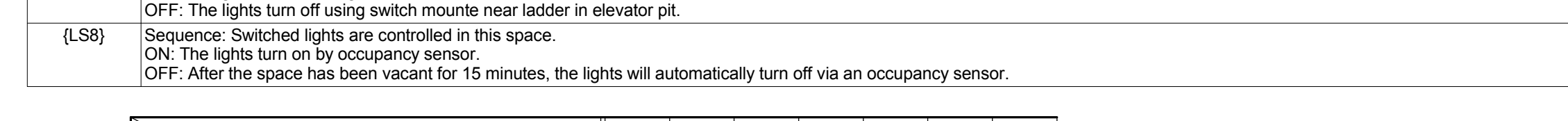
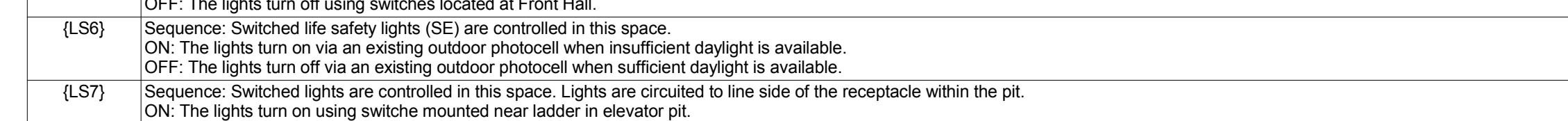
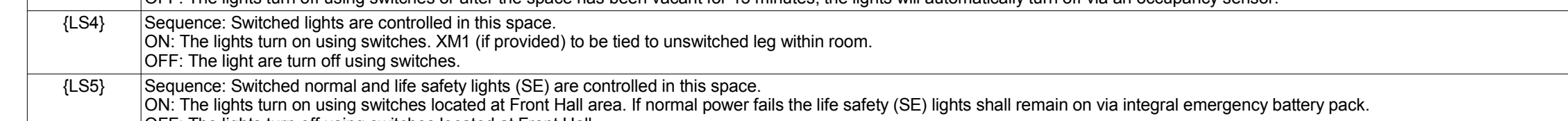
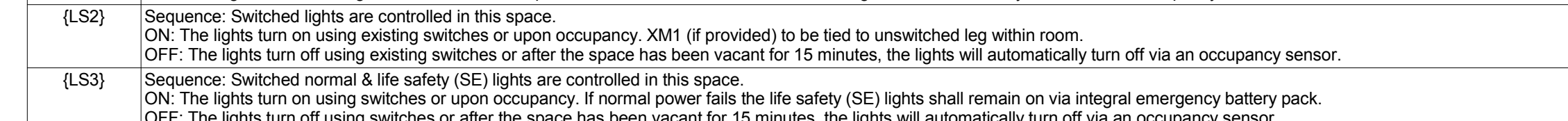


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Vertical scale markings on the left side of the page.

Vertical scale markings on the right side of the page.

CONSULTANTS: KJ ENGINEERING CONSULTANTS logo and contact information.

ARCHITECT/ENGINEERS: I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

ARCHITECT/ENGINEERS: ANDERSON ENGINEERING logo and contact information.

Drawing Title: ELECTRICAL SCHEDULES AND ONE-LINE DIAGRAM. Approved: Project Director.

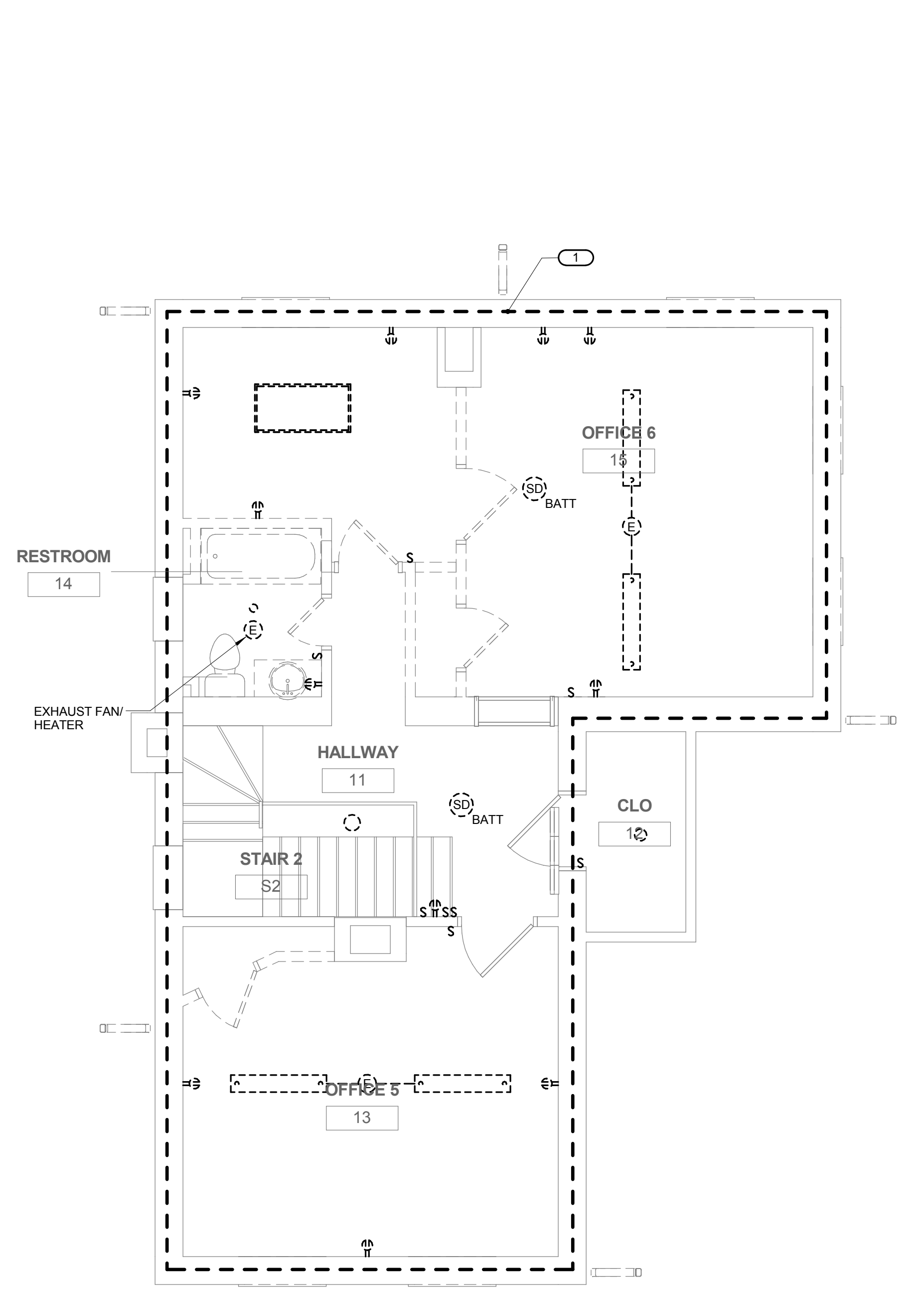
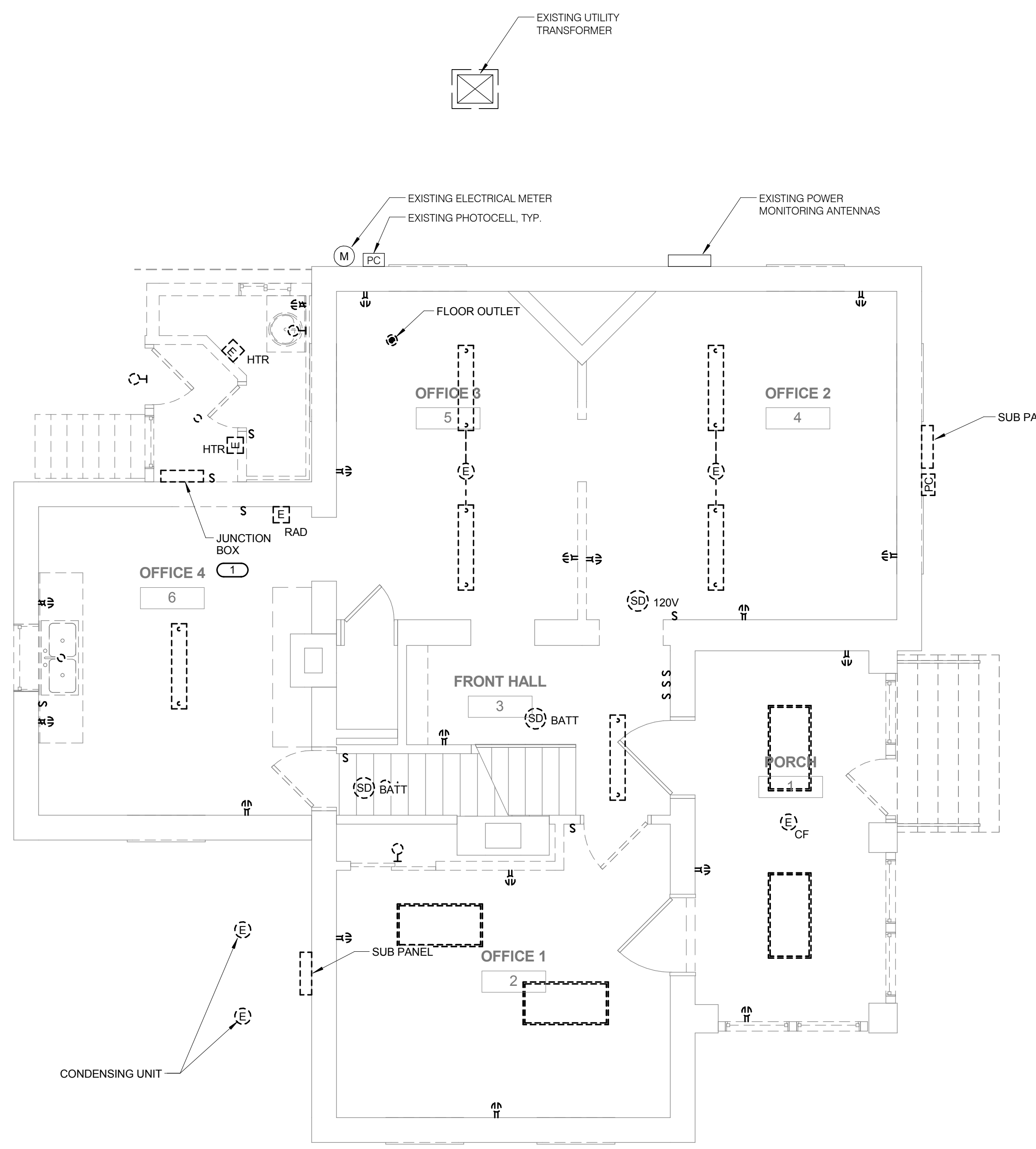
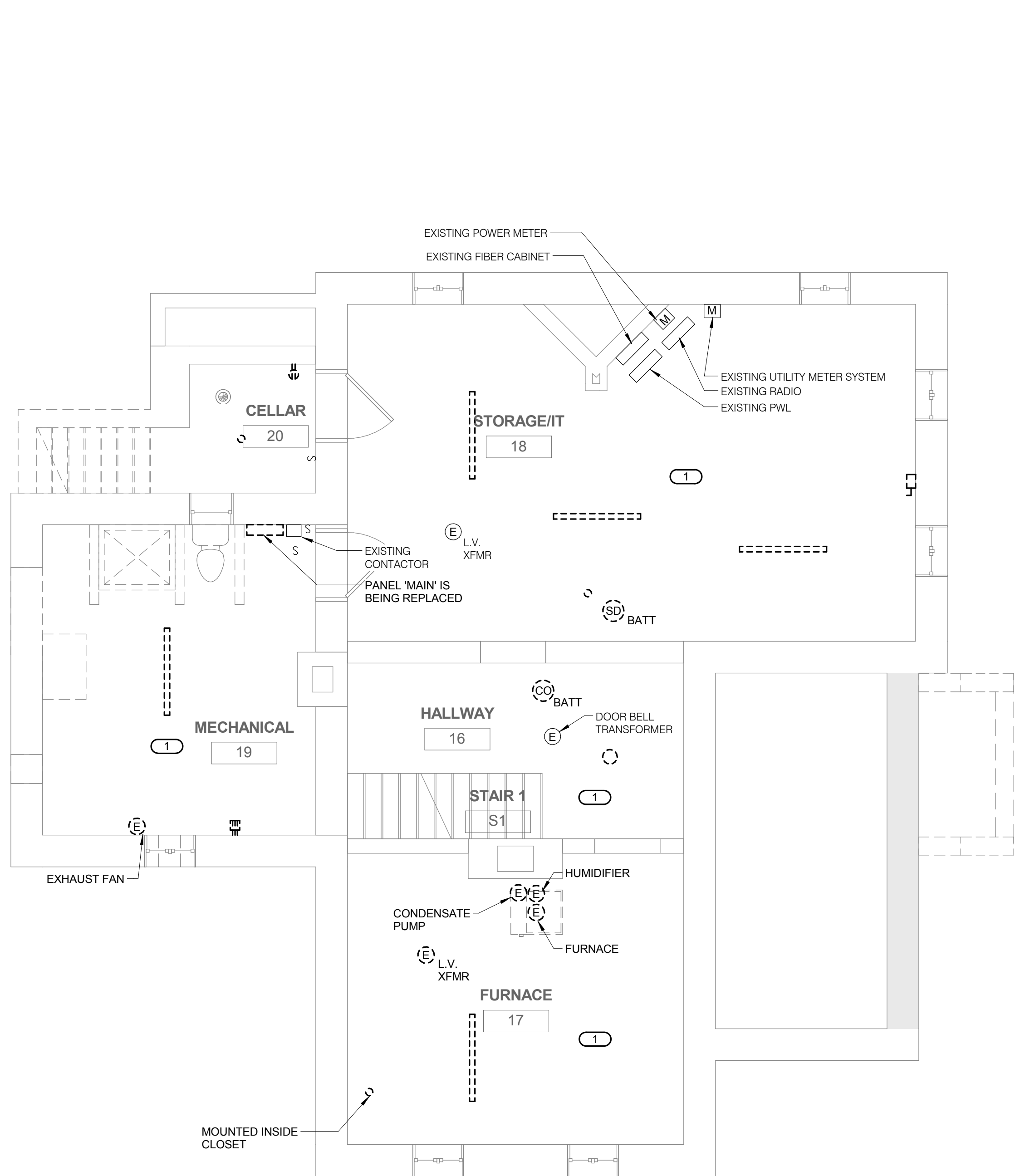
Project Title: LODGE REHABILITATION. Location: FT LEAVENWORTH NATIONAL CEMETERY LEAVENWORTH, KS.

Project Number: 887CM3005. Building Number. Drawing Number: E3.01. Dwg. 65 of 67.

Office of Construction and Facilities Management logo and contact information.

three inches=one foot
 one and one half inches=one foot
 one inch=one foot
 one inch=one foot
 three quarters inches=one foot
 one half inch=one foot
 one quarter inch=one foot
 one eighth inch=one foot

A
 B
 C
 D
 E
 F



1 BASEMENT DEMOLITION PLAN - ELECTRICAL
 1/4" = 1'-0"

KEYNOTES: (#)
 1. REMOVE AND REPLACE ALL EXPOSED AND UNPROTECTED 120/240V WIRING THAT SERVES FIXTURES/DEVICES THAT REMAIN USING CONDUIT AND BOXES.

2 FIRST FLOOR DEMOLITION PLAN - ELECTRICAL
 1/4" = 1'-0"

KEYNOTES: (#)
 1. REMOVE EXISTING JUNCTION BOX BEHIND ACCESS PANEL AND ALL WIRING BACK TO EXISTING ACTIVE JUNCTION BOX IN BUILDING AREA TO REMAIN. EXTEND WIRING TO FIXTURES/DEVICES TO REMAIN AS REQUIRED.

3 SECOND FLOOR DEMOLITION PLAN - ELECTRICAL
 1/4" = 1'-0"

KEYNOTES: (#)
 1. ALL EXPOSED WIRING IN ATTIC ABOVE TO BE REMOVED AND REPLACED WITH NEW WIRING IN CONDUIT, UNLESS WIRING IS TO BE REMOVED DURING DEMOLITION.

No.	Revisions	Date

CONSULTANTS:
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 309.788.0673
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STRUCTURAL | MECHANICAL | ELECTRICAL TECHNOLOGY | MEDICAL EQUIPMENT SOLUTIONS

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.
 PRINT NAME: MATTHEW D. SNYDER
 SIGNATURE: *Matthew Snyder*
 DATE: 02-25-16
 LICENSE #: 082.081824

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 763-412-4000 (o) 763-412-4090 (f)
 www.ae-mn.com
AE PROJECT NO.: 13802

Drawing Title
DEMOLITION PLAN - ELECTRICAL
 Approved: Project Director

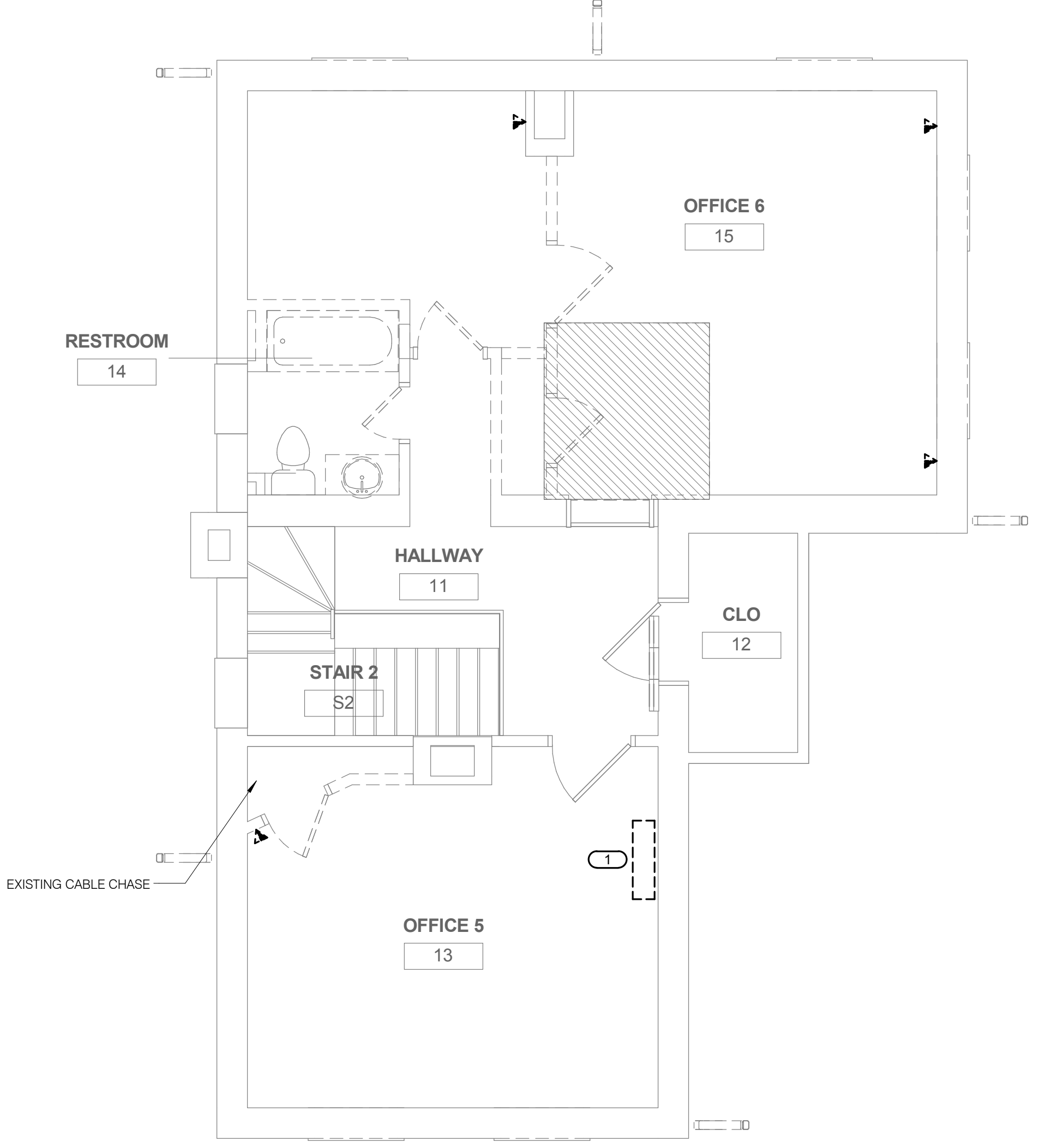
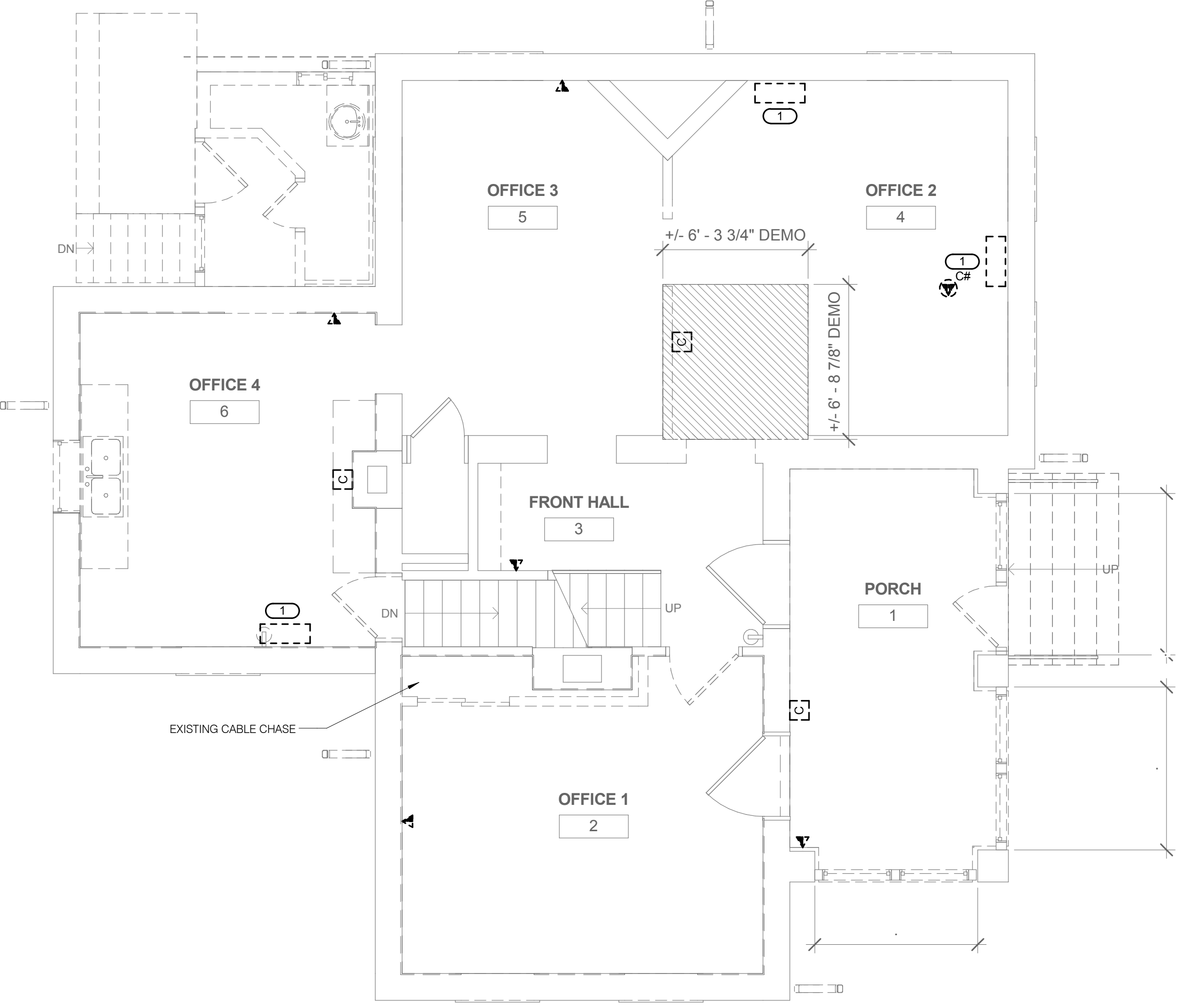
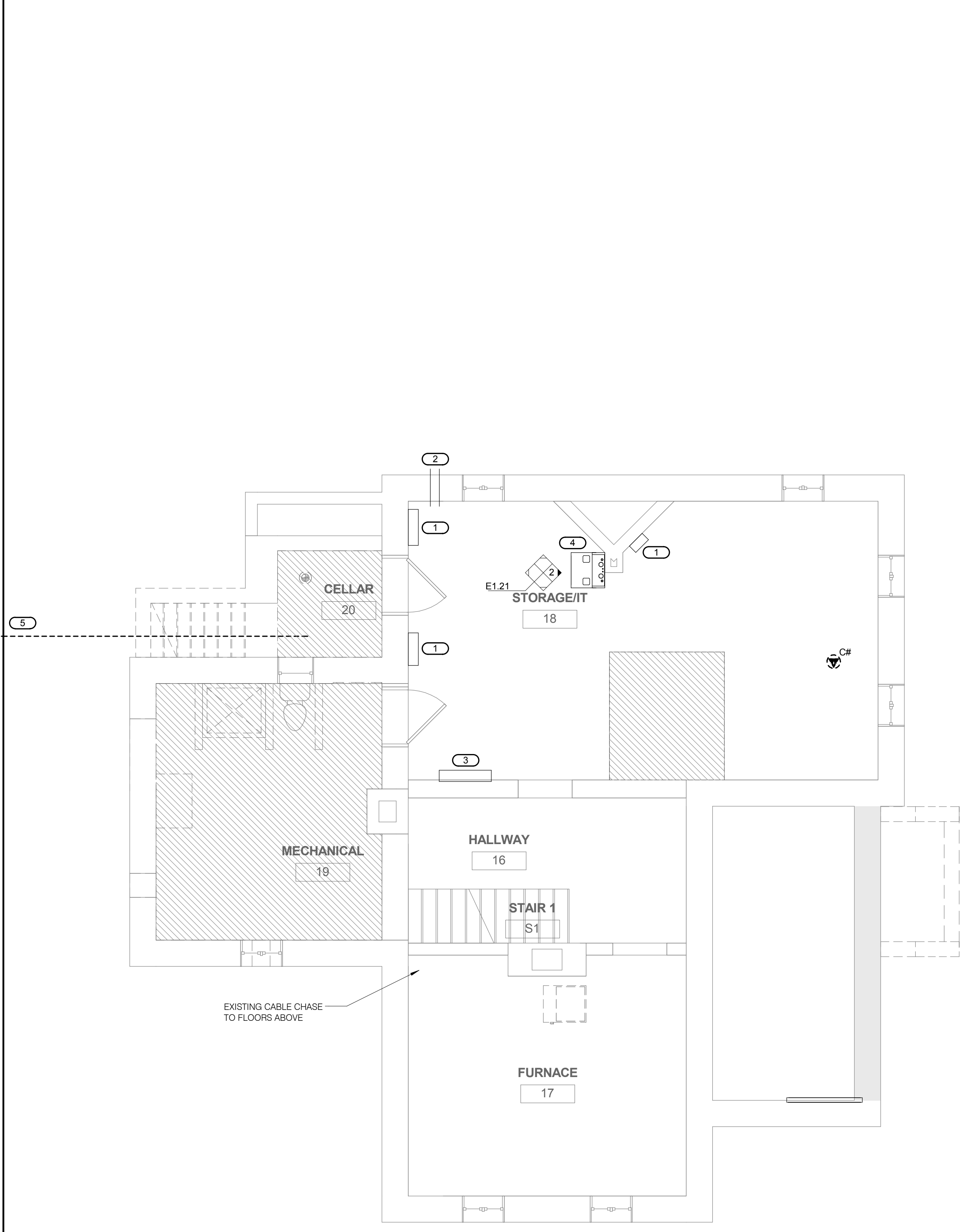
Project Title
 LODGE REHABILITATION
 Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS
 Date
 02-25-2016
 Checked
 REIBOR
 Drawn
 SEJCHI

Project Number
 887CM3005
 Building Number
 Drawing Number
ED1.01
 Dwg. 66 of 67

Office of Construction and Facilities Management
 VA U.S. Department of Veterans Affairs

BID SET DOCUMENTS

- KEYNOTES:**
1. EXISTING WALL FIELD TO REMAIN.
 2. EXISTING CONDUITS TO REMAIN.
 3. EXISTING OWNER EQUIPMENT TO REMAIN.
 4. EXISTING WALL MOUNTED CABINET TO REMAIN.
 5. REMOVE ALL CABLING AND PATCH PANELS FOR DEMO. COORDINATE WITH OWNER ON REMOVAL OR RELOCATION OF NETWORK EQUIPMENT.
 6. EXISTING CONDUIT TO MAINTENANCE BUILDING. TWO LOW VOLTAGE CABLES TO BE REMOVED. REMOVE CABLES AFTER TEMPORARY CABLES HAVE BEEN INSTALLED. REFER TO 1&E1.21 FOR ADDITIONAL INFORMATION. COORDINATE DISCONNECTION WITH OWNER.



1 BASEMENT DEMOLITION PLAN - TECHNOLOGY
1/4" = 1'-0"

2 FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY
1/4" = 1'-0"

3 SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY
1/4" = 1'-0"

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PRINT NAME: MATTHEW D. SNYDER
SIGNATURE: *Matthew Snyder*
DATE: 02-25-16
LICENSE #: 062.081824

ARCHITECT/ENGINEERS:

ANDERSON ENGINEERING

ENGINEERING • ARCHITECTURE • LAND SURVEYING
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AE PROJECT NO.: 13802

Drawing Title
DEMOLITION PLAN - TECHNOLOGY

Approved: Project Director

Project Title
LODGE REHABILITATION

Location
FT LEAVENWORTH NATIONAL CEMETERY
LEAVENWORTH, KS

Date
02-25-2016

Checked
Checker

Drawn
Author

Project Number
887CM3005

Building Number

Drawing Number
ED1.21

Dwg. 67 of 67

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

No.	Revisions	Date