

GENERAL NOTES

- 1. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF EACH SYSTEM SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHEN AVAILABLE. PROJECT'S ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POWER TO MAIN CONTROL PANELS, REMOTE POWER SUPPLIES AND ALL HEAD END EQUIPMENT. SYSTEM INSTALLERS SHALL COORDINATE LOCATIONS AND CONNECTIONS WITH THE PROJECT'S ELECTRICAL CONTRACTOR.
2. THE PROJECT'S ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUITS, FLOOR BOX, BACK BOXES, JUNCTION BOXES, RACEWAYS, AND SLEEVES REQUIRED TO ESTABLISH CLEAR PATHWAYS FOR ALL SYSTEMS. ALL CONDUITS, SLEEVES, BOXES, AND RACEWAYS SHALL BE PROPERLY SIZED TO MAINTAIN A 40% MAXIMUM FILL RATIO.
3. ALL EXPOSED SYSTEM'S WIRING OR WIRING ROUTING ACROSS NON ACCESSIBLE CEILINGS SHALL BE ROUTED IN CONDUIT, PROVIDED AND INSTALLED BY THE PROJECT'S ELECTRICAL CONTRACTOR. SIZE CONDUIT AS REQUIRED TO ROUTE SYSTEMS WITH 40% CABLE FILL RATIO. MINIMUM CONDUIT SIZE SHALL BE 3/4" [21].
4. EACH SYSTEM INSTALLER SHALL BE RESPONSIBLE FOR ENSURING ALL EXTERIOR WALL PENETRATIONS ARE PROPERLY SEALED TO PREVENT ANY MOISTURE FROM ENTERING BUILDING.
5. NO CONDUITS SHALL BE INSTALLED ON THE EXTERIOR OF THE BUILDING. IF EXTERIOR CONDUITS ARE REQUIRED FOR A COMPLETE INSTALLATION, EACH SYSTEM CONTRACTOR SHALL COORDINATE WITH THE PROJECTS CONSULTANT PRIOR TO ANY ROUGH-IN.
6. EACH SYSTEM INSTALLER SHALL PROVIDE AND INSTALL PROTECTIVE BUSHINGS ON ALL CONDUIT STUB OUTS AND SLEEVES TO PREVENT CABLE DAMAGE. BUSHING TO BE INSTALLED PRIOR TO CABLE INSTALLATION, CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE EXCEPTED.
7. ALL CABLE SHALL BE ROUTED DOWN CORRIDORS, PARALLEL AND PERPENDICULAR TO THE BUILDING WALLS AND STRUCTURE. CABLE TO EACH DEVICE SHALL BRANCH OFF OF A MAIN CORRIDOR TRUNK. ROUTING CABLES THROUGH CLASSROOMS, OFFICES, STORAGE ROOMS, RESTROOMS OR ANY TYPE OF ROOM OTHER THAN A CORRIDOR WILL NOT BE ACCEPTED. ENTER ALL ROOMS ABOVE THE ASSOCIATED ROOM DOORWAY.

SECURITY GENERAL NOTES

- 1. ALL CARD READERS SHALL BE DUAL AUTHENTICATION TYPE WITH BOTH PROXIMITY SENSOR AND PIN CODE SECURITY KEYPAD.
2. THE SECURITY SYSTEM INSTALLERS SHALL BE RESPONSIBLE FOR CONNECTING ALL APPLICABLE SYSTEM EQUIPMENT TO THE OWNER'S NETWORK.
3. THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM AN APPROVED CABLE SUPPORT SYSTEM AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. THE CABLE SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST. AT LOCATIONS WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5' ABOVE THE CEILING, THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 5' ABOVE THE CEILING AT ANY LOCATION.
4. SECURITY CAMERA SYSTEM INSTALLER SHALL PROVIDE A CEILING MOUNTED INSTALLATION KIT RECOMMENDED BY THE MANUFACTURER OF THE CAMERA. EACH CEILING MOUNTED CAMERA KIT SHALL HAVE A SUPPORT WIRE ATTACHED TO THE BUILDING'S STRUCTURE TO PREVENT THE CAMERA FROM DROPPING TO THE FLOOR AT ANY TIME. AT NO POINT SHALL THE WEIGHT OF THE CEILING MOUNTED SECURITY CAMERA BE SUPPORTED BY THE CEILING GRID SYSTEM OR CEILING TILES. ALL CEILING MOUNTED CAMERAS SHALL BE FLUSH MOUNTED.
5. ALL EXTERIOR AND WALL MOUNTED CAMERA LOCATIONS AND MOUNTING HEIGHTS MUST BE COORDINATED WITH THE OWNER PRIOR TO ROUGH-IN. COORDINATION MEETINGS SHALL BE SCHEDULED THROUGH THE ARCHITECT'S PROJECT MANAGER.
6. PROVIDE AND INSTALL MAGNETIC DOOR CONTACT AT ALL ROOF HATCHES ON THE ENTIRE PROJECT. CONTACTS TO BE CONNECTED TO THE BUILDINGS INTRUSION DETECTION SYSTEM.

TECHNOLOGY GENERAL NOTES

- 1. CONTRACTOR SHALL COORDINATE WITH ENGINEER PRIOR TO THE INSTALLATION OF RACKS AND RACK EQUIPMENT. NO RACKS SHALL BE PERMANENTLY INSTALLED WITHOUT WRITTEN APPROVAL OF THE PROPOSED LOCATIONS.
2. THE SELECTED, INSTALLING CONTRACTOR MUST BE A CERTIFIED INTEGRATOR/INSTALLER AUTHORIZED BY THE SPECIFIED SYSTEM MANUFACTURER TO INSTALL THE CABLE PLANT AND CONNECTIVITY PRODUCTS. REFER TO SPECIFICATIONS FOR PRODUCT TYPE AND DESCRIPTION.
3. SYSTEM WIRING AND EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES AS ESTABLISHED BY ANS/ISA/IEA, IBCSI, AND THE NEC.
4. ALL WIRING SHALL MEET ALL STATE AND LOCAL ELECTRICAL CODES.
5. ALL TELECOMMUNICATIONS SYSTEMS EQUIPMENT AND MOUNTING LOCATIONS SHALL BE IN COMPLIANCE WITH ADA ACCESSIBILITY STANDARDS.
6. ALL INDUSTRY STANDARD CATEGORY 6 CABLING PRACTICES MUST BE FOLLOWED FOR ALL DATA CABLING.
7. ALL DATA CABLES ARE TO BE INSTALLED WITH A MINIMUM OF 12 INCHES OF SEPARATION FROM AC POWER CABLES, INTERCOM, FIRE ALARM, SECURITY CABLES IN ANY PARALLEL OPEN WIRE RUN.
8. ALWAYS CROSS OTHER SYSTEM CABLES AT A 90 DEGREE ANGLE.
9. ALL CABLES AND TERMINATION COMPONENTS SHALL BE MACHINE LABELED AT BOTH ENDS. LABEL ALL CABLES PER TECHNOLOGY DRAWINGS AND/OR SPECIFICATIONS. FINAL CABLE/OUTLET IDENTIFICATION LABELS SHALL BE COORDINATED WITH THE OWNER AND ENGINEER.
10. CONTRACTOR TO PROVIDE LIGHTNING PROTECTION ON ALL COMMUNICATION CABLE BETWEEN BUILDINGS.
11. ALL EXPOSED CABLING ROUTED IN PLENUM SHALL BE PLENUM-RATED. ALL NON PLENUM-RATED CABLING INSTALLED IN PLENUM SPACES SHALL BE INSTALLED IN CONDUIT.
12. NO TERMINATION OR SPLICES SHALL BE INSTALLED IN OR ABOVE CEILINGS UNLESS NOTED OTHERWISE.
13. CONTRACTOR SHALL MAINTAIN WALL RATING WITH PROPER FIRE BLOCKING METHODS.
14. ALL CABLE INSTALLED SHALL ROUTE TO THE CENTER OF THE ROOM IN WHICH IT SERVES AND THEN TO THE OUTLET LOCATION IT IS INTENDED FOR. EACH CABLE SHALL HAVE A 10' SERVICE LOOP AT THE CENTER OF EACH ROOM AND A 3' SERVICE LOOP ABOVE EACH OUTLET LOCATION.
15. THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM A PANDUIT J-MOD CABLE SUPPORT SYSTEMS AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. PANDUIT J-MOD SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST. IN LOCATIONS WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5' ABOVE THE CEILING, THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 5' ABOVE THE CEILING AT ANY LOCATION.
16. PROVIDE AND INSTALL ONE (1) CATEGORY 6 CABLE TO THE BUILDING'S ACCESS CONTROL HEAD END TERMINATION OF THIS CABLE SHALL BE COORDINATED WITH THE SYSTEM INSTALLER.
17. PROVIDE AND INSTALL ONE (1) CATEGORY 6 DATA CIRCUIT TO THE LOCAL AIR UNIT CONTROLLER IN EACH MDF AND IDF.
18. PROVIDE AND INSTALL ONE (1) CATEGORY 6 DATA CIRCUIT TO EACH ACCESS CONTROL VIDEO DOOR STATION ON THE ENTIRE PROJECT. COORDINATE EXACT LOCATION AND TERMINATION REQUIREMENTS WITH THE DOOR STATION INSTALLER, PRIOR TO INSTALLATION.

NOTES TO CONTRACTOR

- 1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS. REFER TO GENERAL ELECTRICAL NOTES FOR WALL MOUNTED DEVICE HEIGHTS.
2. REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS.
3. COMPLETE INSTALLATION OF ALL PRODUCTS SHALL BE IN COMPLIANCE WITH ALL CODES, INDUSTRY STANDARDS, COMMON PRACTICES AND MANUFACTURER'S INSTRUCTIONS.
4. ALL EXTERIOR AND WALL MOUNTED CAMERA LOCATIONS AND MOUNTING HEIGHTS MUST BE COORDINATED WITH THE OWNER PRIOR TO ROUGH-IN. COORDINATION MEETINGS SHALL BE SCHEDULED THROUGH THE ARCHITECT'S PROJECT MANAGER.

VIDEO SURVEILLANCE LEGEND

Table with 2 columns: SYMBOL and DESCRIPTION. Symbols include 90-360r, 90-360r, VRS, and #MU. Descriptions include interior video surveillance camera, vandal resistant weatherproof exterior video surveillance camera, video recording server, and location indicators for video surveillance main unit.

ACCESS CONTROL AND SAFETY LEGENDS

Table with 2 columns: SYMBOL and DESCRIPTION. Symbols include HCR, CR, DR, PIR, ACP, HDS, DS, ML, HPB, DO, BMS, DC, CR, MS, AI, AIP, DH, ANT, EB, and P. Descriptions include wall or mullion mounted dual authentication access control, triple authentication access control, door release button, motion request to exit device, access control panel, door mounted 2-way audio/video intercom, magnetic lock, ADA auto door open button, auto door operator, balanced magnetic switch, door position sensor, card reader with pin security keypad, alpha master station, audio intercom, alpha phone, magnetic door hold, antenna, pneumatic push-to-exit button, and panic button.

SUBSCRIPTS AND ABBREVIATIONS

Table with 2 columns: TEXT and DESCRIPTION. Text includes WM, WP, AC, AFF, AG, SM, UC, WC, and CM. Descriptions include wall mounted device, weather proof device, counter top device, finished floor device, grade level device, surface mounted device, underside of elevated canopy device, wire guard device, and corner mounted device.

FIBER OPTIC CABLE BREAKDOWN

- 12 STRAND FIBER OPTIC CABLE BREAKDOWN OF SINGLE MODE FIBER OPTIC CABLE:
1,2: SECURITY CAMERA FEEDS ALL GO FROM BUILDING 13 AND 16 TO THE HEAD END EQUIPMENT
3,4: PACS SYSTEM BUILDING 16 IS FED FROM EXISTING PACS AT BUILDING 13, THEN GOES TO HEAD END EQUIPMENT AT BUILDING 3 ROOM 102.
5,6: AIPHONE TIES BUILDING 16 TO POLICE STATION FOR BACK UP SERVICE.
7,8: SECURITY CAMERA FEED FROM HEAD END EQUIPMENT TO POLICE STATION BUILDING 1 ROOM 113
9,10: RESERVED FOR GAS DETECTION SYSTEM
11,12: SPARE

CABLE COLOR ASSIGNMENTS

- THE FOLLOWING COLORS SHALL BE USED FOR ALL ETHRENET CABLE:
ORANGE: DATA
GREEN/TEAL: WIFI
VIOLET/PURPLE: CAMERAS

DIMENSIONS

DIMENSIONS ON ALL SHEETS ARE LISTED IN IMPERIAL UNITS FOLLOWED BY METRIC UNITS IN MILLIMETERS WITHIN [] UNLESS NOTED OTHERWISE. DIMENSIONS WITHIN [] NOTES WITH AN "m" ARE IN METERS.

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

CONSULTANTS

Table with 3 columns: NO., DESCRIPTION, DATE. Lists HAZARDOUS MATERIALS (MABBETT & ASSOCIATES, INC.), CIVIL/STRUCTURAL (PROFESSIONAL ENGINEERING CONSULTANTS, P.A.), ARCHITECTURAL (OCULUS INC.), FIRE SUPPRESSION (KOFFEL ASSOCIATES), ELECTRONIC SECURITY (MAGNA ENGINEERS), PHYSICAL SECURITY (FORCE PROTECT), and ENGINEER OF RECORD (Miller-Remick LLC).

ENGINEER OF RECORD

Miller-Remick LLC logo and contact information: M.E.P. & Structural Engineering, A Service Disabled Veteran Owned Small Business. 1010 KINGS HIGHWAY SOUTH, CHERRY HILL, NEW JERSEY 08034. PHONE: (856) 429-4000. FAX: (856) 429-5002. MR PROJECT NO: 0499-0121

MAGNA ENGINEERS, LLC PROFESSIONAL ENGINEER

Professional Engineer Seal for Phillip B. Jett, License No. 23706, State of Kansas.

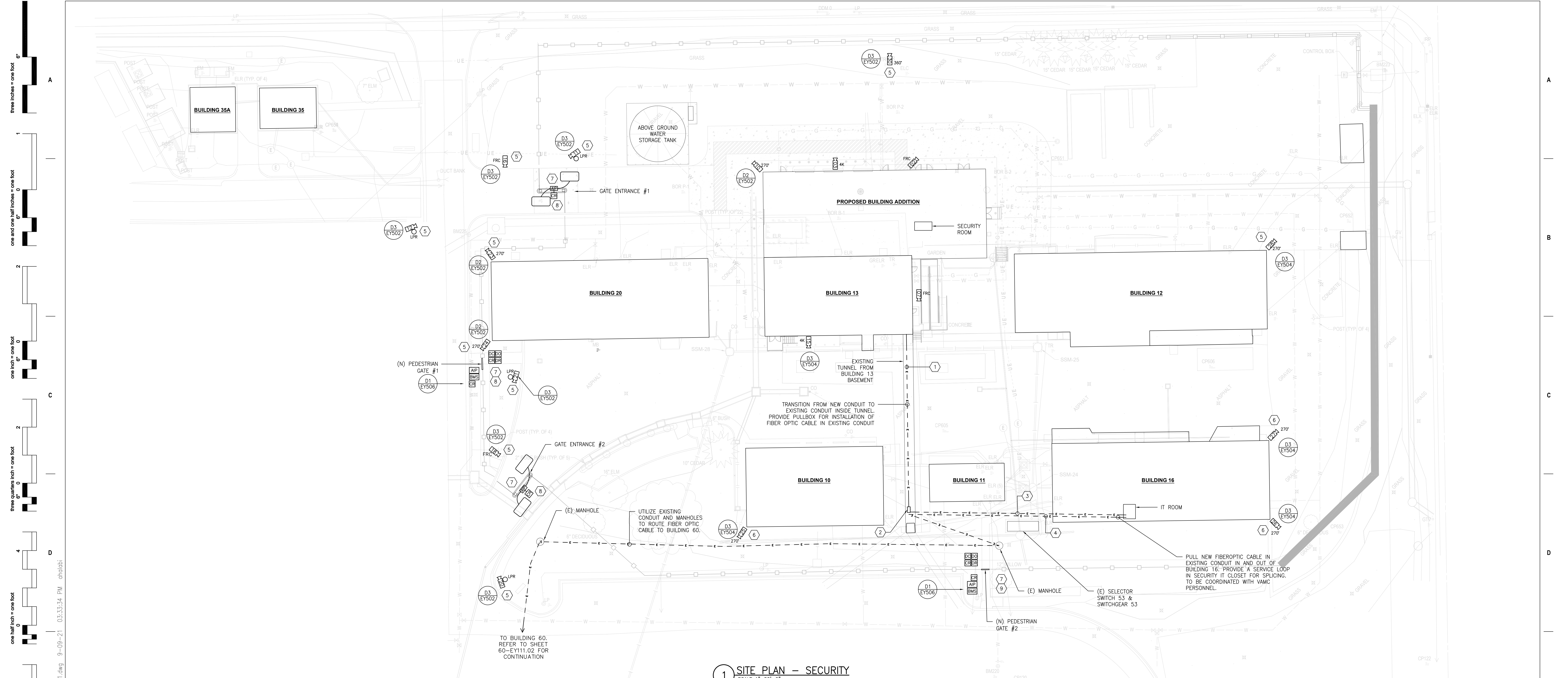
Office of Construction and Facilities Management logo and U.S. Department of Veterans Affairs logo.

Table with 2 columns: Drawing Title (ELECTRICAL SECURITY PLAN NOTES, LEGENDS, ABBREVIATIONS) and Approved: Project Director.

Table with 2 columns: Phase (100% BID SET) and FULLY SPRINKLERED.

Table with 3 columns: Project Title (INSTALL NEW BOILERS IN BUILDING 13), Location (ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS), Issue Date (2021-08-03), Checked (PBJ), and Drawn (JDS).

Table with 2 columns: Project Number (589A7-18-302) and Building Number (13). Drawing Number (EY001).



GENERAL SHEET NOTES:

- REFER TO SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.
- WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
- ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
- ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
- REFER TO ELECTRICAL SITE DRAWING ES101 FOR ROUTING OF DUCT BANKS TO SERVE SITE CAMERAS AND SECURITY DEVICES.
- REFER TO ELECTRICAL DETAILS FOR GATE ENTRANCE REQUIREMENTS.
- REFER TO ELECTRICAL DRAWINGS FOR ROUTING OF CONDUITS WITHIN BUILDINGS 12, 16 AND 20.
- EACH CAT6A CABLE RUN SHALL NOT EXCEED 300' [91440].

SHEET KEYNOTES:

- PROVIDE FIBER OPTIC CABLE FROM SECURITY ROOM IN BUILDING 13 TO IT ROOM IN BUILDING 16. PROVIDE 2" [53] IN EXISTING TUNNEL FOR ROUTING OF FIBER OPTIC CABLE.
- PROVIDE PULL BOX TO INTERCEPT EXISTING CONDUIT TO BUILDING 16.
- UTILIZE EXISTING CONDUIT BETWEEN BUILDING 13 AND BUILDING 16 FOR ROUTING OF FIBER OPTIC CABLE. ROUTING SHOWN IS APPROXIMATE.
- PROVIDE FIBER OPTIC CABLE FROM IT ROOM IN BUILDING 16 TO BUILDING 60 ROOM 113A. UTILIZE THE EXISTING CONDUIT FOR ENTIRE RUN BETWEEN BUILDING 16 AND BUILDING 60. ROUTING SHOWN IS APPROXIMATE. REFER TO SHEET 16-EY111.02.
- PROVIDE CAT6A POE CABLE FROM SECURITY ROOM IN BUILDING 13.
- PROVIDE CAT6A POE CABLE FROM IT ROOM IN BUILDING 16.
- PROVIDE AIRPHONE AND CAT6A POE CABLE FROM SECURITY ROOM IN BUILDING 13.
- PROVIDE CARD READERS AND CABLE FROM BUILDING 13 PACS SYSTEM.
- PROVIDE CARD READERS AND CABLE FROM BUILDING 16 PACS SYSTEM.

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

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NO.	DESCRIPTION	DATE

CONSULTANTS

<p>HAZARDOUS MATERIALS MABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-6550</p>	<p>FIRE SUPPRESSION KOFFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)769-2246</p>
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MR PROJECT NO: 0499-0121

MAGNA ENGINEERS, LLC
PROFESSIONAL ENGINEER

PHILLIP B. JETT
LICENSED PROFESSIONAL ENGINEER
23706
EX-123

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title
ELECTRICAL SITE PLAN SECURITY

Approved: Project Director

Phase

100% BID SET

FULLY SPRINKLERED

Project Title
INSTALL NEW BOILERS IN BUILDING 13

Location
ROBERT J. DOLE VA MEDICAL CENTER
WICHITA, KANSAS

Issue Date
2021-08-03

Checked
PBJ

Drawn
JDS

Project Number
589A7-18-302

Building Number
ENERGY CMLPX

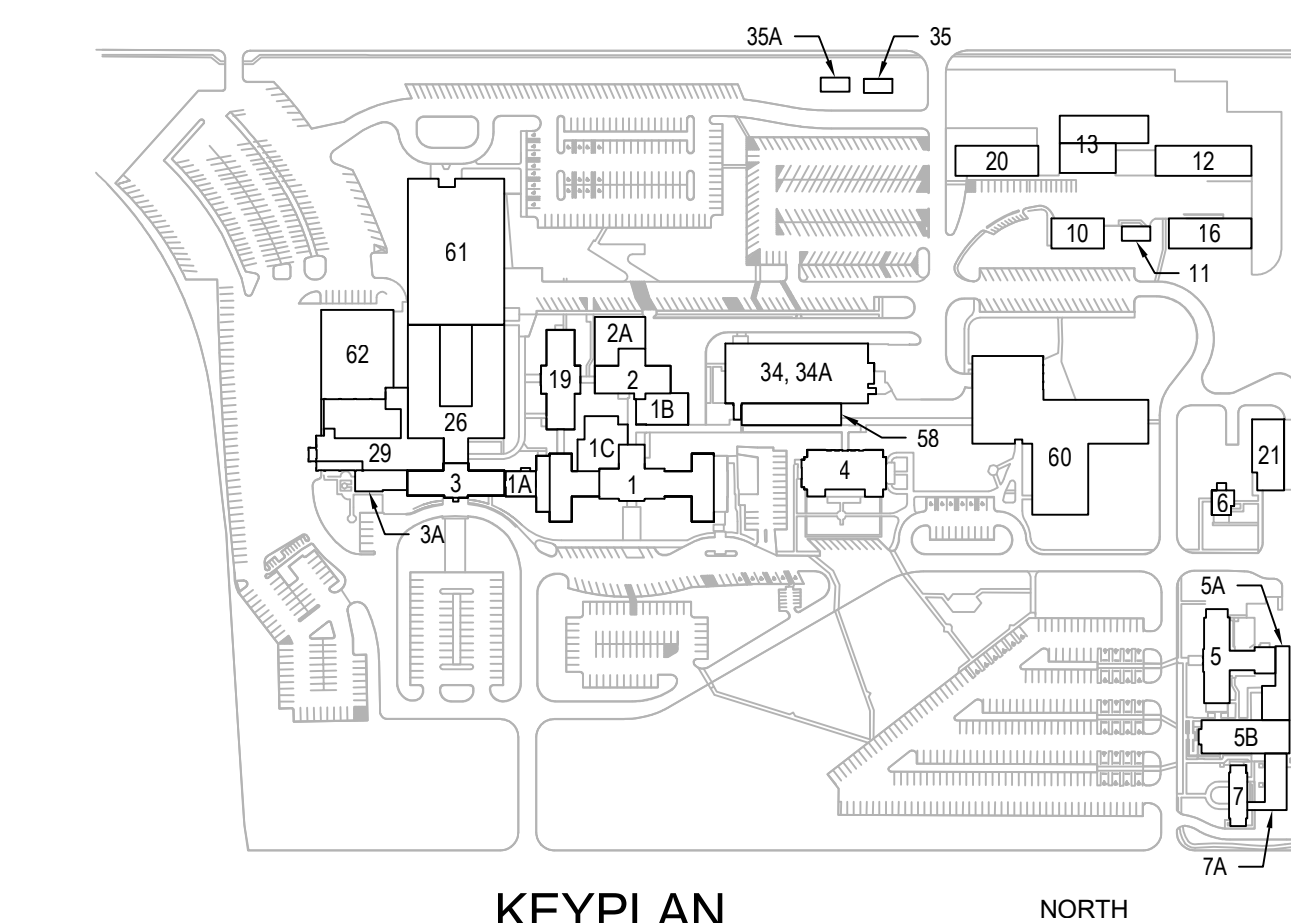
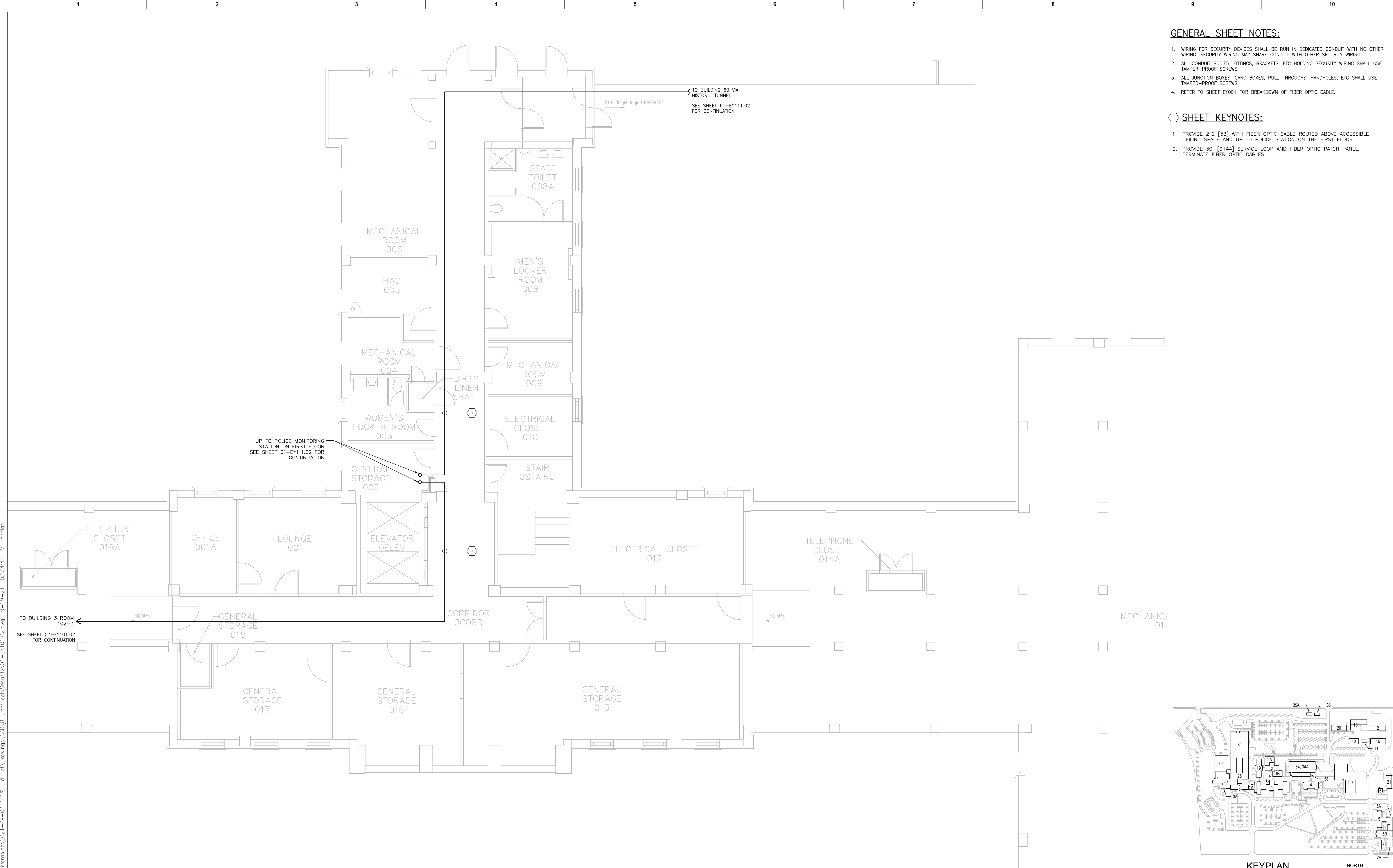
Drawing Number
EY101

GENERAL SHEET NOTES:

1. WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
2. ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
4. REFER TO SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. PROVIDE 2" [53] WITH FIBER OPTIC CABLE ROUTED ABOVE ACCESSIBLE CEILING SPACE AND UP TO POLICE STATION ON THE FIRST FLOOR.
2. PROVIDE 30' [9144] SERVICE LOOP AND FIBER OPTIC PATCH PANEL. TERMINATE FIBER OPTIC CABLES.



1 SECURITY PLAN -- BASEMENT, PHASE 2
SCALE: 3/16" = 1'-0"

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NO.	DESCRIPTION	DATE

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MR PROJECT NO: 0499-0121

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Phase
ELECTRICAL SECURITY PLAN
BUILDING 1 BASEMENT

Approved: Project Director

100% BID SET

FULLY SPRINKLERED

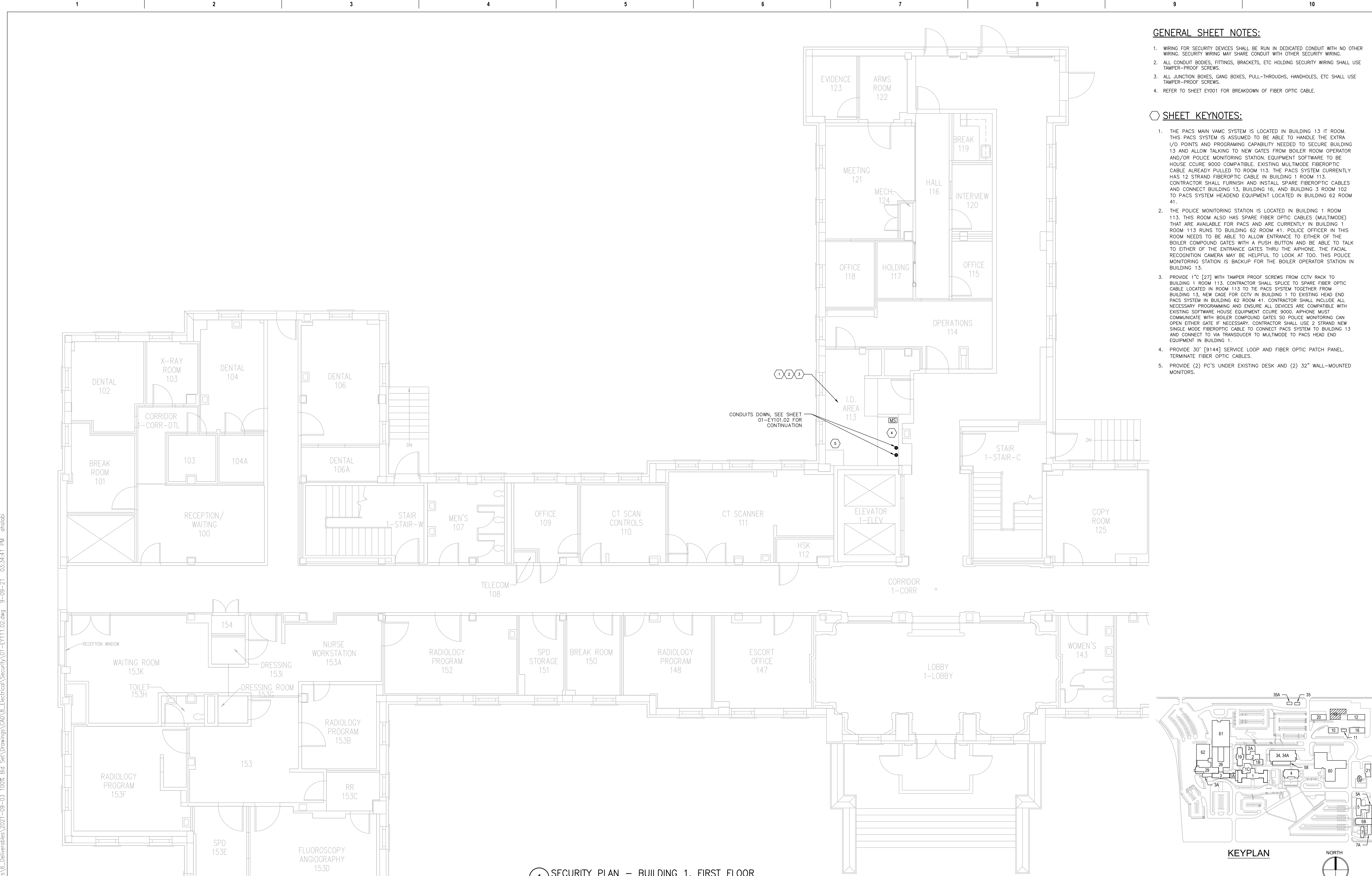
Project Title INSTALL NEW BOILERS IN BUILDING 13		Project Number 589A7-18-302
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS		Building Number 1
Issue Date 2021-08-03	Checked PBJ	Drawn JDS
Drawn JDS		Drawing Number 01-EY101.02

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1. WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
2. ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
4. REFER TO SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. THE PACS MAIN VMC SYSTEM IS LOCATED IN BUILDING 13 IT ROOM. THIS PACS SYSTEM IS ASSUMED TO BE ABLE TO HANDLE THE EXTRA I/O POINTS AND PROGRAMING CAPABILITY NEEDED TO SECURE BUILDING 13 AND ALLOW TALKING TO NEW GATES FROM BOILER ROOM OPERATOR AND/OR POLICE MONITORING STATION. EQUIPMENT SOFTWARE TO BE HOUSE CCURE 9000 COMPATIBLE. EXISTING MULTIMODE FIBEROPTIC CABLE ALREADY PULLED TO ROOM 113. THE PACS SYSTEM CURRENTLY HAS 12 STRAND FIBEROPTIC CABLE IN BUILDING 1 ROOM 113. CONTRACTOR SHALL FURNISH AND INSTALL SPARE FIBEROPTIC CABLES AND CONNECT BUILDING 13, BUILDING 16, AND BUILDING 3 ROOM 102 TO PACS SYSTEM HEADEND EQUIPMENT LOCATED IN BUILDING 62 ROOM 41.
2. THE POLICE MONITORING STATION IS LOCATED IN BUILDING 1 ROOM 113. THIS ROOM ALSO HAS SPARE FIBER OPTIC CABLES (MULTIMODE) THAT ARE AVAILABLE FOR PACS AND ARE CURRENTLY IN BUILDING 1 ROOM 113 RUNS TO BUILDING 62 ROOM 41. POLICE OFFICER IN THIS ROOM NEEDS TO BE ABLE TO ALLOW ENTRANCE TO EITHER OF THE BOILER COMPOUND GATES WITH A PUSH BUTTON AND BE ABLE TO TALK TO EITHER OF THE ENTRANCE GATES THRU THE ALPHONE. THE FACIAL RECOGNITION CAMERA MAY BE HELPFUL TO LOOK AT TOO. THIS POLICE MONITORING STATION IS BACKUP FOR THE BOILER OPERATOR STATION IN BUILDING 13.
3. PROVIDE 1" C [27] WITH TAMPER PROOF SCREWS FROM CCTV RACK TO BUILDING 1 ROOM 113. CONTRACTOR SHALL SPLICE TO SPARE FIBER OPTIC CABLE LOCATED IN ROOM 113 TO THE PACS SYSTEM TOGETHER FROM BUILDING 13. NEW GAGE FOR CCTV IN BUILDING 1 TO EXISTING HEAD END PACS SYSTEM IN BUILDING 62 ROOM 41. CONTRACTOR SHALL INCLUDE ALL NECESSARY PROGRAMING AND ENSURE ALL DEVICES ARE COMPATIBLE WITH EXISTING SOFTWARE HOUSE EQUIPMENT CCURE 9000. ALPHONE MUST COMMUNICATE WITH BOILER COMPOUND GATES SO POLICE MONITORING CAN OPEN EITHER GATE IF NECESSARY. CONTRACTOR SHALL USE 2 STRAND NEW SINGLE MODE FIBEROPTIC CABLE TO CONNECT PACS SYSTEM TO BUILDING 13 AND CONNECT TO VIA TRANSDUCER TO MULTIMODE TO PACS HEAD END EQUIPMENT IN BUILDING 1.
4. PROVIDE 30' [9144] SERVICE LOOP AND FIBER OPTIC PATCH PANEL. TERMINATE FIBER OPTIC CABLES.
5. PROVIDE (2) PC'S UNDER EXISTING DESK AND (2) 32" WALL-MOUNTED MONITORS.



1 SECURITY PLAN -- BUILDING 1, FIRST FLOOR
SCALE: 3/16" = 1'-0"

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NO.	DESCRIPTION	DATE

CONSULTANTS

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
ELECTRICAL SECURITY PLAN BUILDING 1 FIRST FLOOR

Phase
100% BID SET

Approved: Project Director

Project Title
INSTALL NEW BOILERS IN BUILDING 13

Location
ROBERT J. DOLE VA MEDICAL CENTER
WICHITA, KANSAS

Issue Date
2021-08-03

Checked
PBJ

Drawn
JDS

Project Number
589A7-18-302

Building Number
1

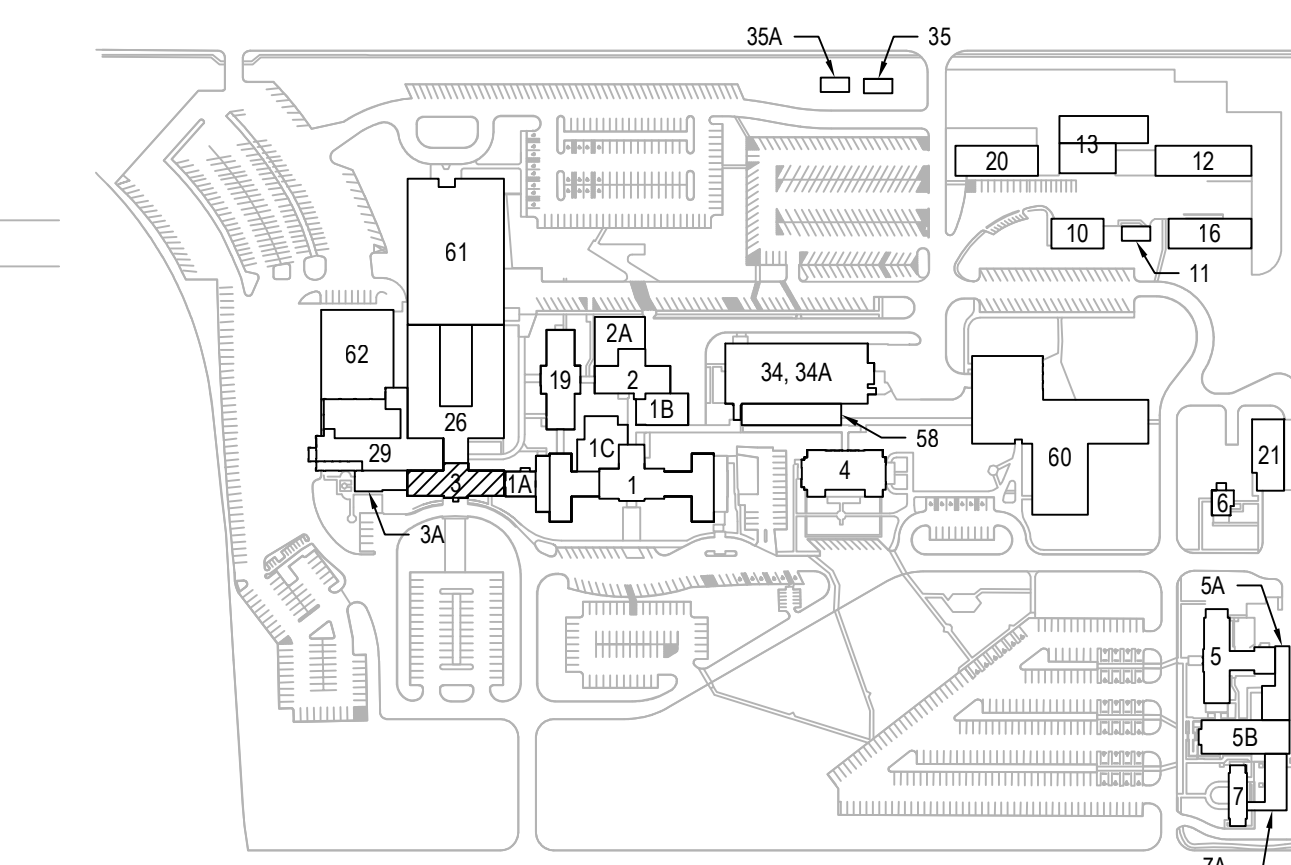
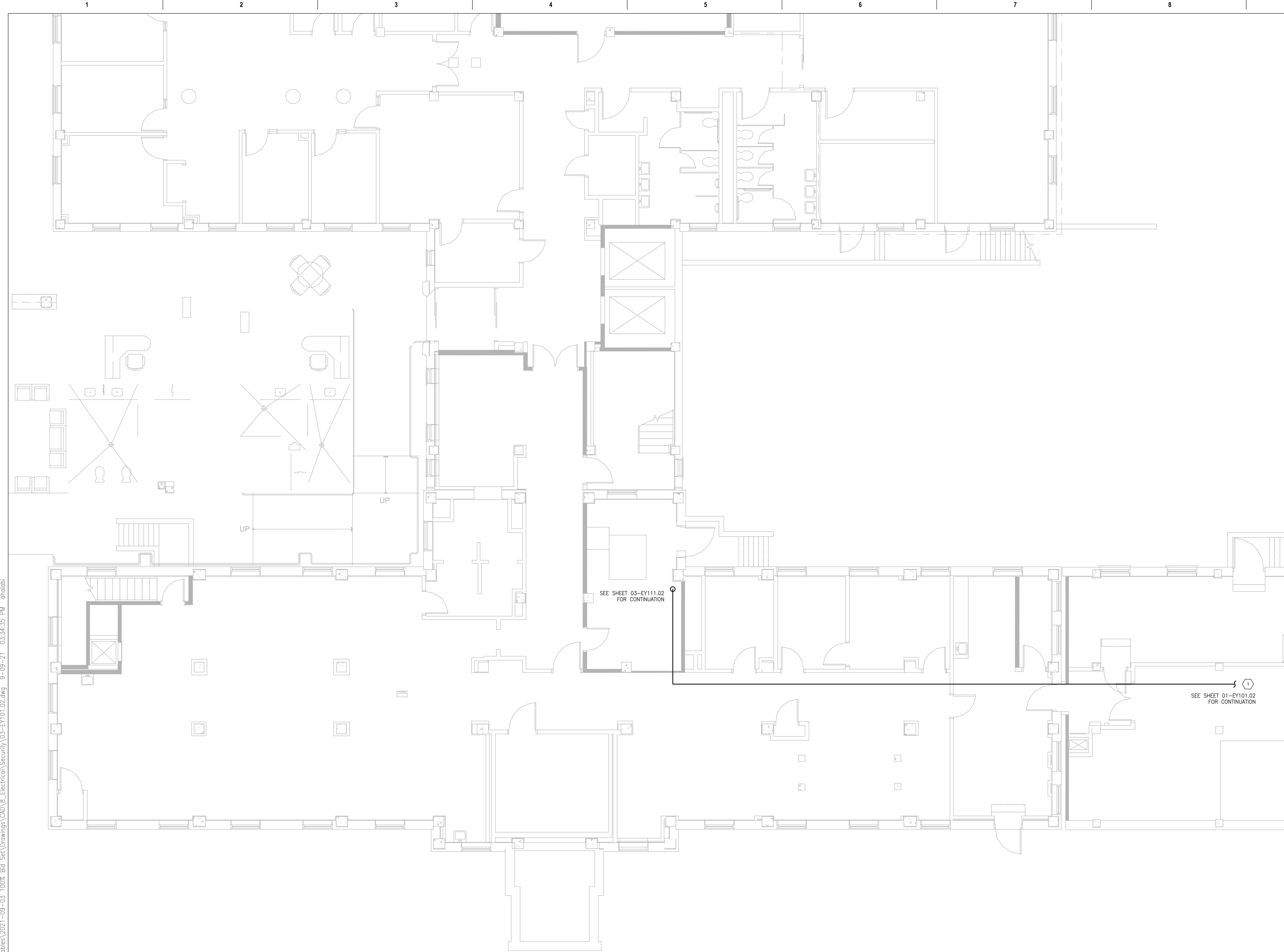
Drawing Number
01-EY111.02

GENERAL SHEET NOTES:

1. WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
2. ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
4. REFER TO SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. PROVIDE 2" [53] WITH FIBER OPTIC CABLE ROUTED ABOVE ACCESSIBLE CEILING SPACE.



1 SECURITY PLAN -- BASEMENT, PHASE 2
SCALE: 3/16" = 1'-0"

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS

<p>HAZARDOUS MATERIALS HABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050</p>	<p>FIRE SUPPRESSION KOPPEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2248</p>
<p>CIVIL / STRUCTURAL PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA, WICHITA, KS 67202 PHONE: (316)262-2891</p>	<p>ELECTRONIC SECURITY MAGNA ENGINEERS 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990</p>
<p>ARCHITECTURAL OCULUS INC. 1 SOUTH MEMORIAL DRIVE, SUITE 1500, SAINT LOUIS, MO 63102 PHONE: (314)367-6100</p>	<p>PHYSICAL SECURITY FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 PHONE: (502)936-4232</p>

ENGINEER OF RECORD

<p>Miller-Remick LLC M.E.P. & Structural Engineering A Service Disabled Veteran Owned Small Business</p>	<p>MAGNA ENGINEERS, LLC PROFESSIONAL ENGINEER</p>
<p>1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 PHONE: (856)429-4000 FAX: (856)429-5002 MR PROJECT NO: 0499-0121</p>	<p>STATE OF KENTUCKY PHILLIP B. JUETT 23706 LICENSED PROFESSIONAL ENGINEER</p>

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

<p>Drawing Title ELECTRICAL SECURITY PLAN BUILDING 3 BASEMENT</p>	<p>Phase 100% BID SET</p>
<p>Approved: Project Director</p>	<p>FULLY SPRINKLERED</p>

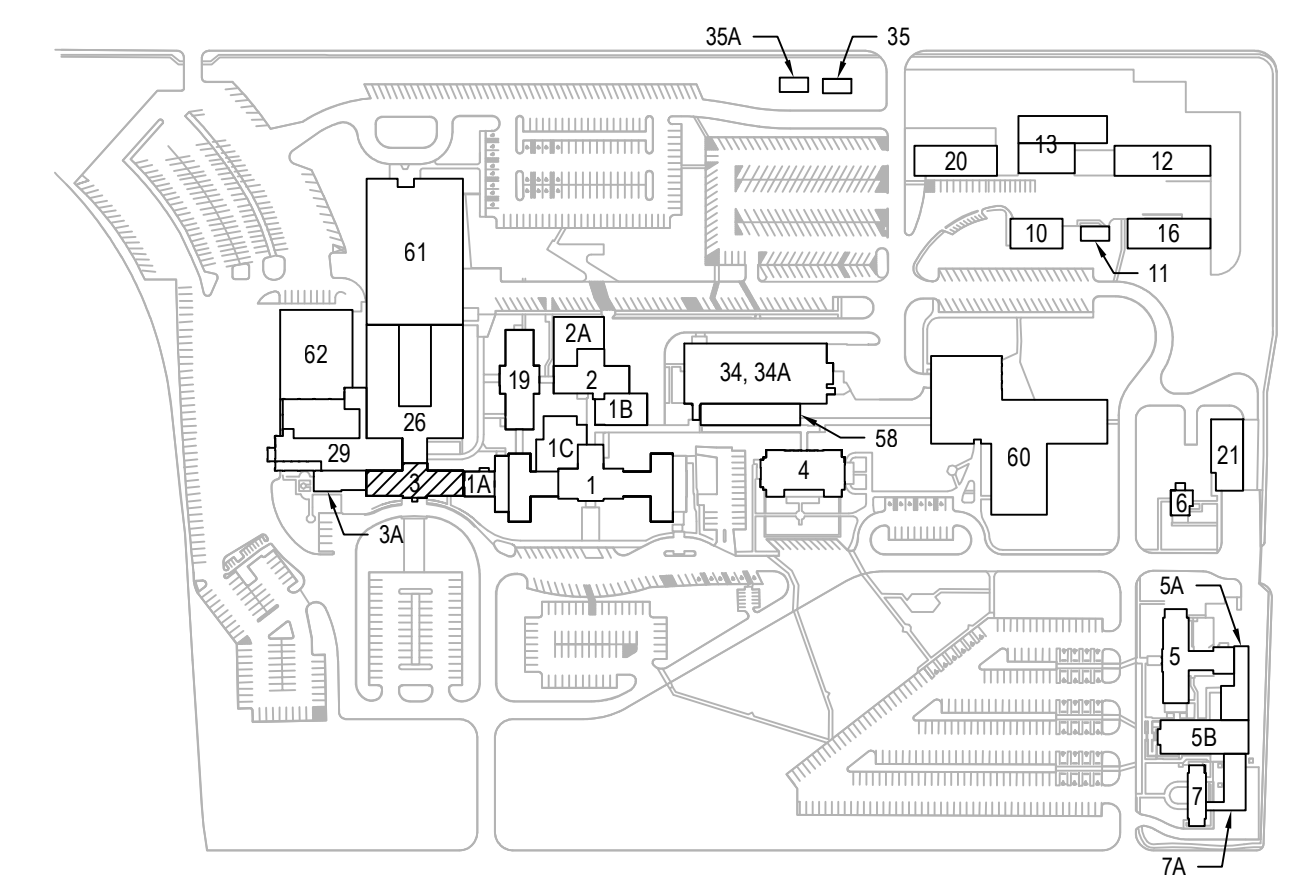
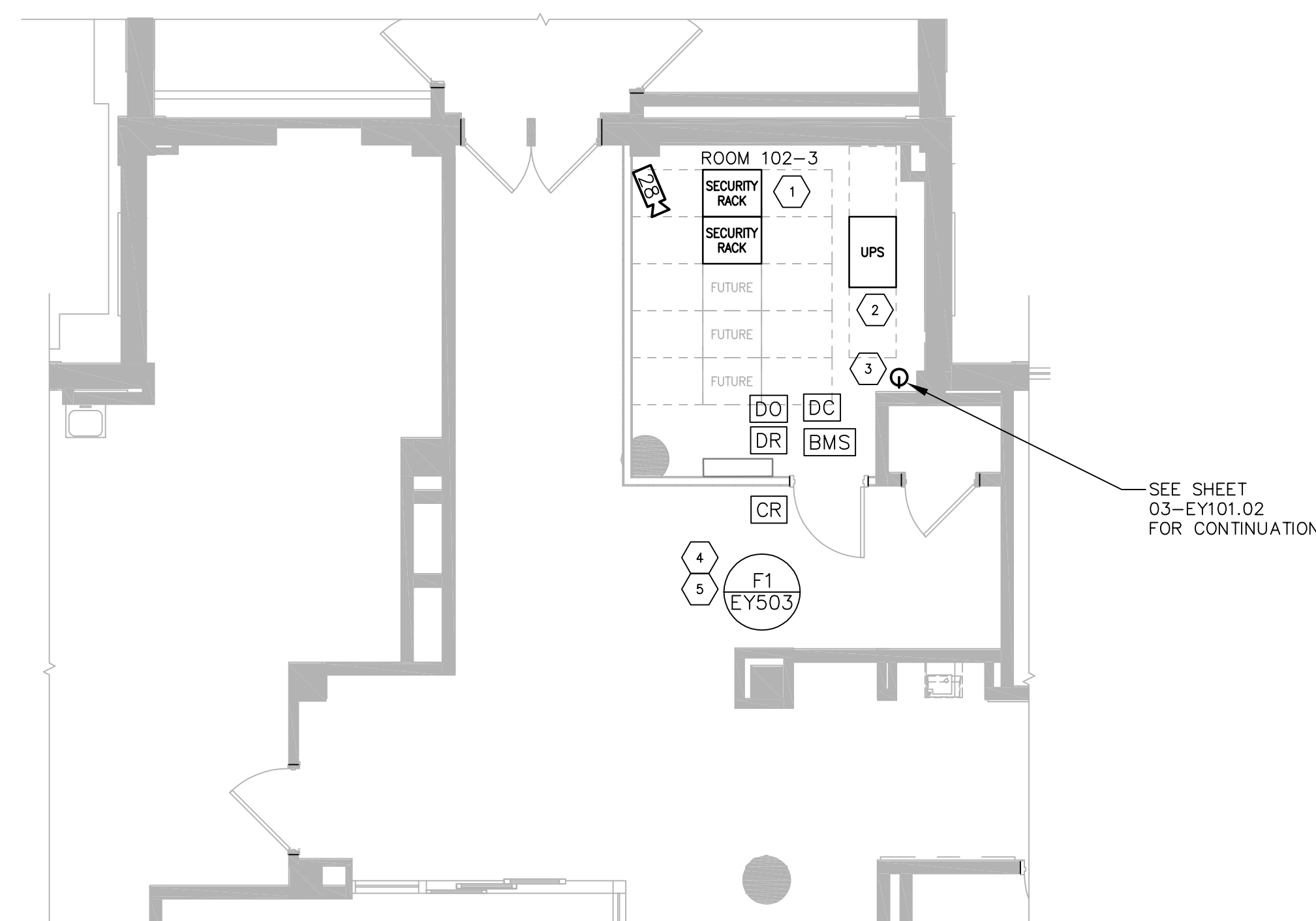
<p>Project Title INSTALL NEW BOILERS IN BUILDING 13</p>	<p>Project Number 589A7-18-302</p>
<p>Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS</p>	<p>Building Number 3</p>
<p>Issue Date 2021-08-03</p>	<p>Checked PBJ</p>
<p>Drawn JDS</p>	<p>Drawing Number 03-EY101.02</p>

GENERAL SHEET NOTES:

1. WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
2. ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
4. REFER TO SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. PROVIDE RACK WITH SECURITY CAMERA HEAD END EQUIPMENT.
2. PROVIDE 40KVA UPS. COORDINATE REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
3. PROVIDE 2" C [53] DOWN TO BASEMENT LEVEL. PROVIDE FIBER OPTIC PATCH PANEL AND 30' [9144] SERVICE LOOP IN THE FIBER OPTIC CABLE (FROM BUILDING 1), TERMINATE ALL FIBERS.
4. CONTRACTOR SHALL INCLUDE ALL NECESSARY PROGRAMMING AND ENSURE ALL DEVICES ARE COMPATIBLE WITH EXISTING SOFTWARE HOUSE EQUIPMENT CCURE 9000. AIPHONE MUST COMMUNICATE WITH BOILER COMPOUND GATES SO POLICE MONITORING CAN OPEN EITHER GATE IF NECESSARY. CONTRACTOR SHALL USE 2 STRANDS OF THE NEW FIBER OPTIC CABLE TO CONNECT PACS SYSTEM TO BUILDING 13 AND CONNECT VIA TRANSDUCER TO MULTIMODE TO PACS HEAD END EQUIPMENT IN BUILDING 3.
5. PROVIDE CCURE 9000 PACS CONNECTION TO HEADEND AND BUILDING 13 AND PROVIDE WHAT IS NEEDED FOR BUILDING 3 FROM CAMERA HEADEND UPS PANEL BOARD. INSTALL PACS SYSTEM INTO COMMS RACK.



1 ENLARGED SECURITY PLAN - ROOM 102-3, PHASE 2
SCALE: 3/16" = 1'-0"

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS

HAZARDOUS MATERIALS HABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050	FIRE SUPPRESSION KOFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246
CIVIL / STRUCTURAL PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA, WICHITA, KS 67202 PHONE: (316)262-2891	ELECTRONIC SECURITY MAGNA ENGINEERS 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990
ARCHITECTURAL OCULUS INC. 1 SOUTH MEMORIAL DRIVE, SUITE 1500, SAINT LOUIS, MO 63102 PHONE: (314)367-6100	PHYSICAL SECURITY FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 PHONE: (802)836-4232

ENGINEER OF RECORD

Miller-Remick LLC M.E.P. & Structural Engineering A Service Disabled Veteran Owned Small Business 1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 PHONE: (856)429-4000 FAX: (856)429-5002 MR PROJECT NO: 0499-0121	MAGNA ENGINEERS, LLC PROFESSIONAL ENGINEER
--	---

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title ELECTRICAL SECURITY PLAN BUILDING 3 FIRST FLOOR	Phase 100% BID SET
Approved: Project Director	FULLY SPRINKLERED

Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 3
Issue Date 2021-08-03	Drawn JDS
Checked PBJ	Drawing Number 03-EY111.02

Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 3
Issue Date 2021-08-03	Drawn JDS
Checked PBJ	Drawing Number 03-EY111.02

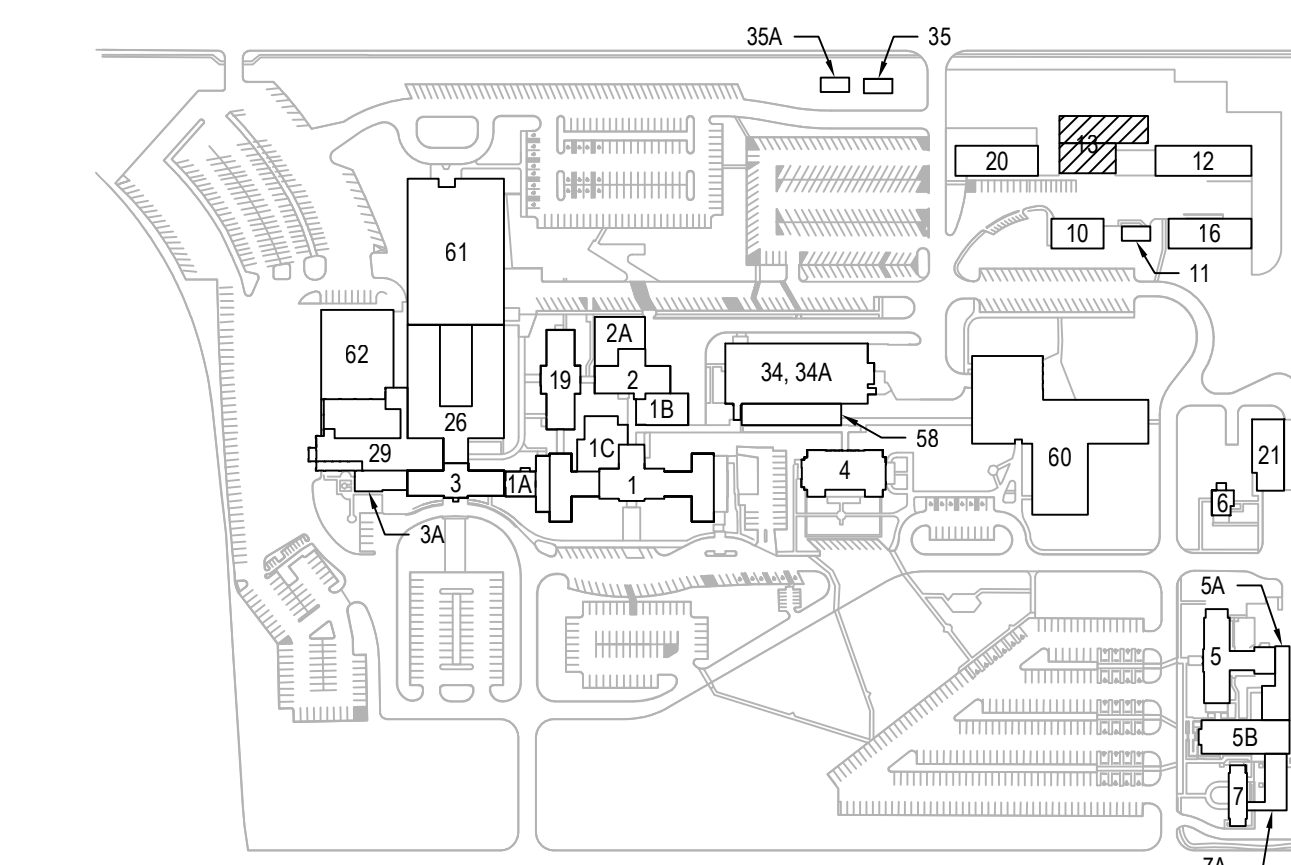
Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 3
Issue Date 2021-08-03	Drawn JDS
Checked PBJ	Drawing Number 03-EY111.02

GENERAL SHEET NOTES:

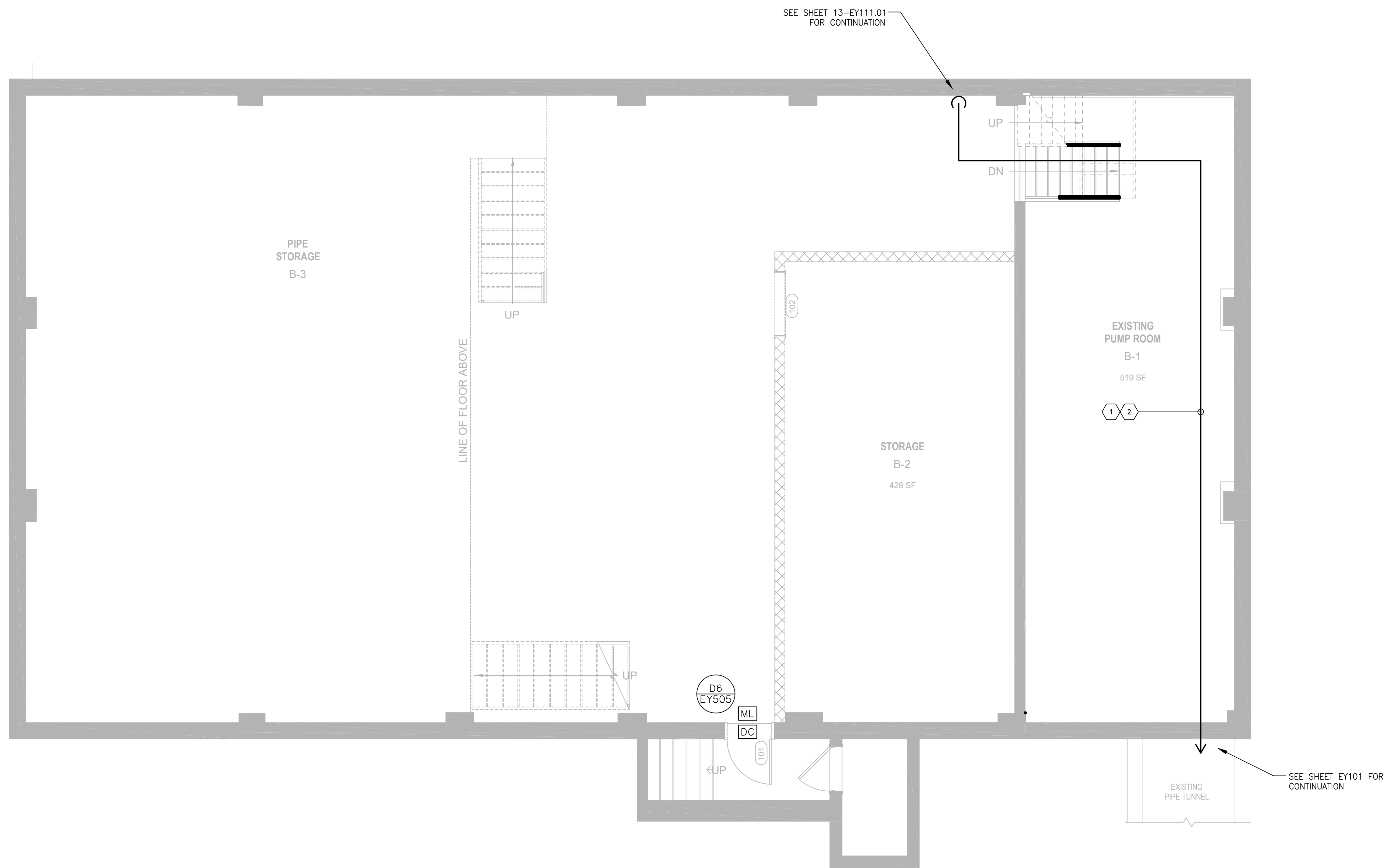
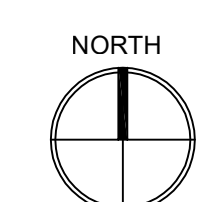
1. WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
2. ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
4. REFER TO SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. PROVIDE 2°C [53] WITH FIBER OPTIC CABLE FROM SECURITY ROOM IN BUILDING 13 TO IT ROOM IN BUILDING 16. REFER TO SHEET EY101 FOR ADDITIONAL INFORMATION.
2. PROVIDE CONNECTIONS OF PACS SYSTEM FROM BUILDING 16 IT ROOM TO BUILDING 13 SECURITY ROOM, AND THE PACS SYSTEM IN BUILDING 3 ROOM 102-3 INTO PACS HEADEND EQUIPMENT IN BUILDING 62 ROOM 41 VIA SPARE FIBEROPTIC STRANDS LOCATED IN BUILDING 1 ROOM 113. IF SPARE IS NOT AVAILABLE, CONTRACTOR SHALL PROVIDE NEW CABLES AS REQUIRED TO MAKE PACS SYSTEM OCCURE 9000 WORK WITH NEW REQUIRED 1/0 POINTS.



KEYPLAN



1 SECURITY PLAN -- BUILDING 13, TUNNEL & BASEMENT LEVELS, PHASE 1
SCALE: 1/4" = 1'-0"

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS

<p>HAZARDOUS MATERIALS MABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050</p>	<p>FIRE SUPPRESSION KOFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246</p>
<p>CIVIL / STRUCTURAL PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA, WICHITA, KS 67202 PHONE: (316)262-2891</p>	<p>ELECTRONIC SECURITY MAGNA ENGINEERS 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990</p>
<p>ARCHITECTURAL OCULUS INC. 1 SOUTH MEMORIAL DRIVE, SUITE 1500, SAINT LOUIS, MO 63102 PHONE: (314)367-6100</p>	<p>PHYSICAL SECURITY FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 PHONE: (502)936-4232</p>

ENGINEER OF RECORD

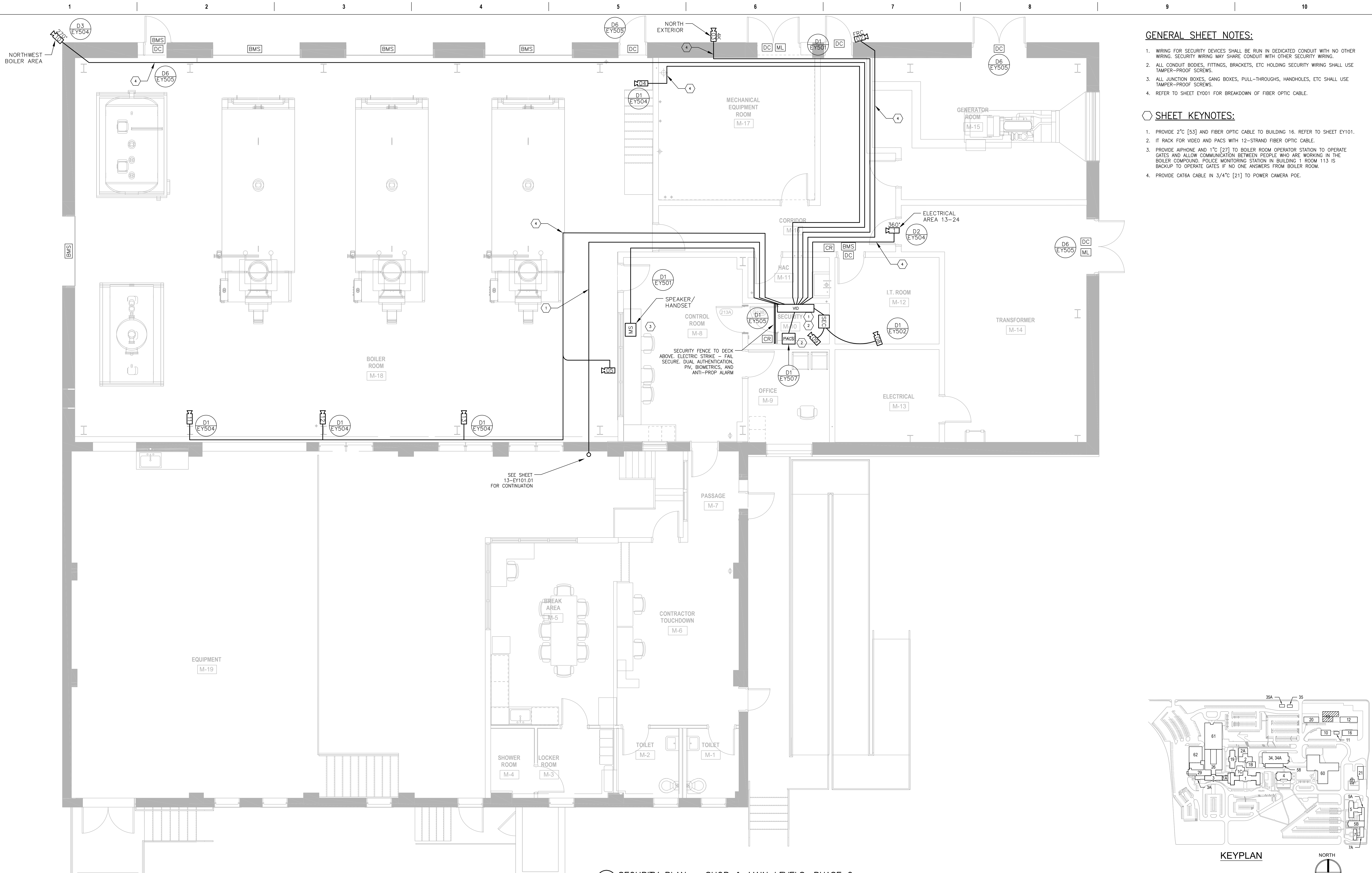
<p>Miller-Remick LLC M.E.P. & Structural Engineering A Service Disabled Veteran Owned Small Business</p>	<p>MAGNA ENGINEERS, LLC PROFESSIONAL ENGINEER</p>
<p>1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 PHONE: (856)429-4000 FAX: (856)429-5002 MR PROJECT NO: 0499-0121</p>	<p>STATE OF KENTUCKY PHILLIP B. JUETT 23706 LICENSED PROFESSIONAL ENGINEER</p>

Office of Construction and Facilities Management

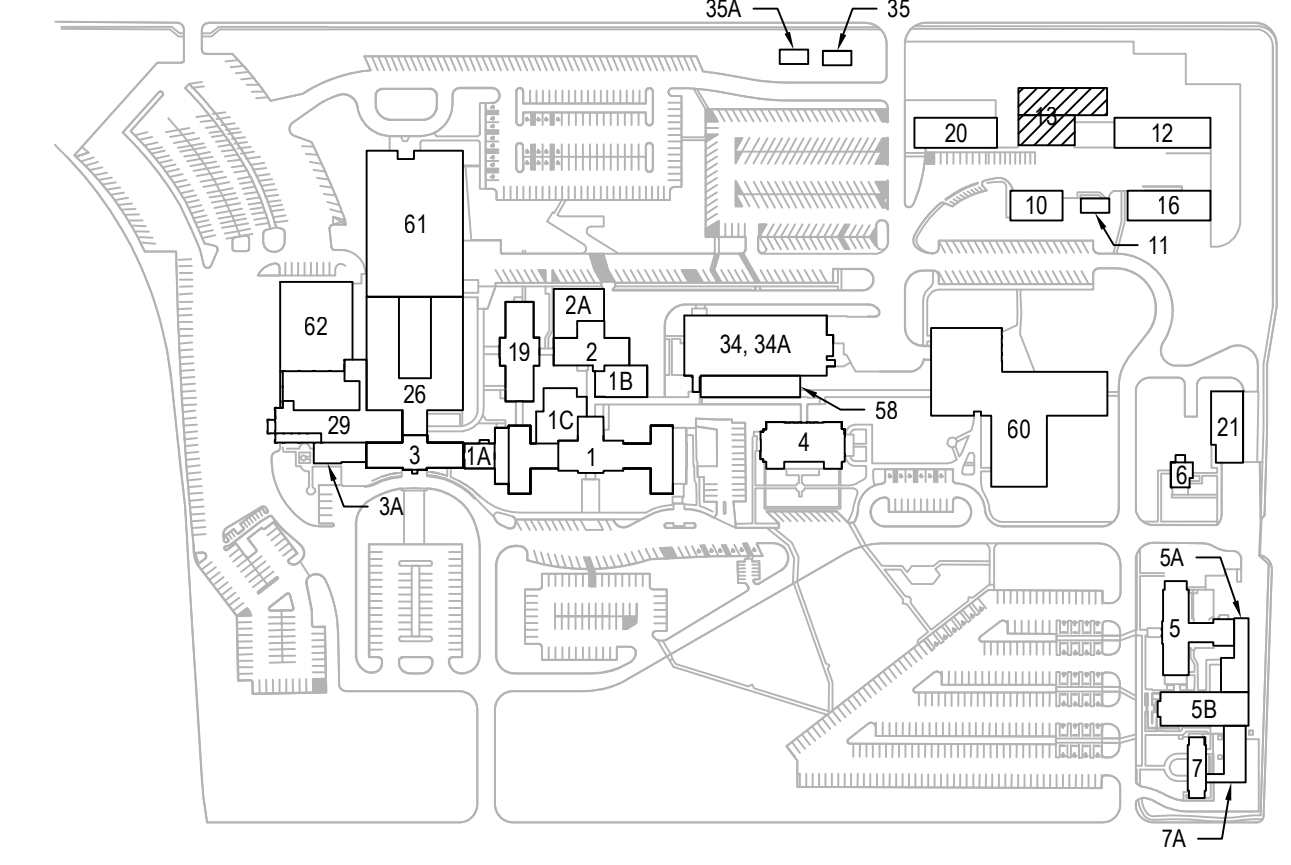
U.S. Department of Veterans Affairs

<p>Drawing Title ELECTRICAL SECURITY PLAN TUNNEL & BSMT LEVELS, PHASE 2</p>	<p>Phase 100% BID SET</p>
<p>Approved: Project Director</p>	<p>FULLY SPRINKLERED</p>

<p>Project Title INSTALL NEW BOILERS IN BUILDING 13</p>	<p>Project Number 589A7-18-302</p>
<p>Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS</p>	<p>Building Number 13</p>
<p>Issue Date 2021-08-03</p>	<p>Checked PBJ</p>
<p>Drawn JDS</p>	<p>Drawing Number 13-EY101.01</p>



- GENERAL SHEET NOTES:**
1. WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
 2. ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
 3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
 4. REFER TO SHEET EY01 FOR BREAKDOWN OF FIBER OPTIC CABLE.
- SHEET KEYNOTES:**
1. PROVIDE 2" [53] AND FIBER OPTIC CABLE TO BUILDING 16. REFER TO SHEET EY101.
 2. IT RACK FOR VIDEO AND PACS WITH 12-STRAND FIBER OPTIC CABLE.
 3. PROVIDE ALPHONE AND 1" [27] TO BOILER ROOM OPERATOR STATION TO OPERATE GATES AND ALLOW COMMUNICATION BETWEEN PEOPLE WHO ARE WORKING IN THE BOILER COMPOUND. POLICE MONITORING STATION IN BUILDING 1 ROOM 113 IS BACKUP TO OPERATE GATES IF NO ONE ANSWERS FROM BOILER ROOM.
 4. PROVIDE CAT6A CABLE IN 3/4" [21] TO POWER CAMERA POE.



1 SECURITY PLAN – SHOP & MAIN LEVELS, PHASE 2
SCALE: 1/4" = 1'-0"

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS

HAZARDOUS MATERIALS MABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050	FIRE SUPPRESSION KOFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246
CIVIL / STRUCTURAL PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA, WICHITA, KS 67202 PHONE: (316)262-2891	ELECTRONIC SECURITY MAGNA ENGINEERS 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990
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ENGINEER OF RECORD

Miller-Remick LLC M.E.P. & Structural Engineering A Service Disabled Veteran Owned Small Business 1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 PHONE: (856)429-4000 FAX: (856)429-5002 MR PROJECT NO: 0499-0121	
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Phase 100% BID SET	Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Approved: Project Director	Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 13
FULLY SPRINKLERED	Issue Date 2021-08-03	Checked PBJ
	Drawn JDS	Drawing Number 13-EY111.02

Drawing Title ELECTRICAL SECURITY PLAN SHOP & MAIN LEVELS, PHASE 2	Phase 100% BID SET	Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Approved: Project Director	FULLY SPRINKLERED	Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 13
	Issue Date 2021-08-03	Checked PBJ	Drawing Number 13-EY111.02
	Drawn JDS		

Phase 100% BID SET	Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Approved: Project Director	Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 13
FULLY SPRINKLERED	Issue Date 2021-08-03	Checked PBJ
	Drawn JDS	Drawing Number 13-EY111.02

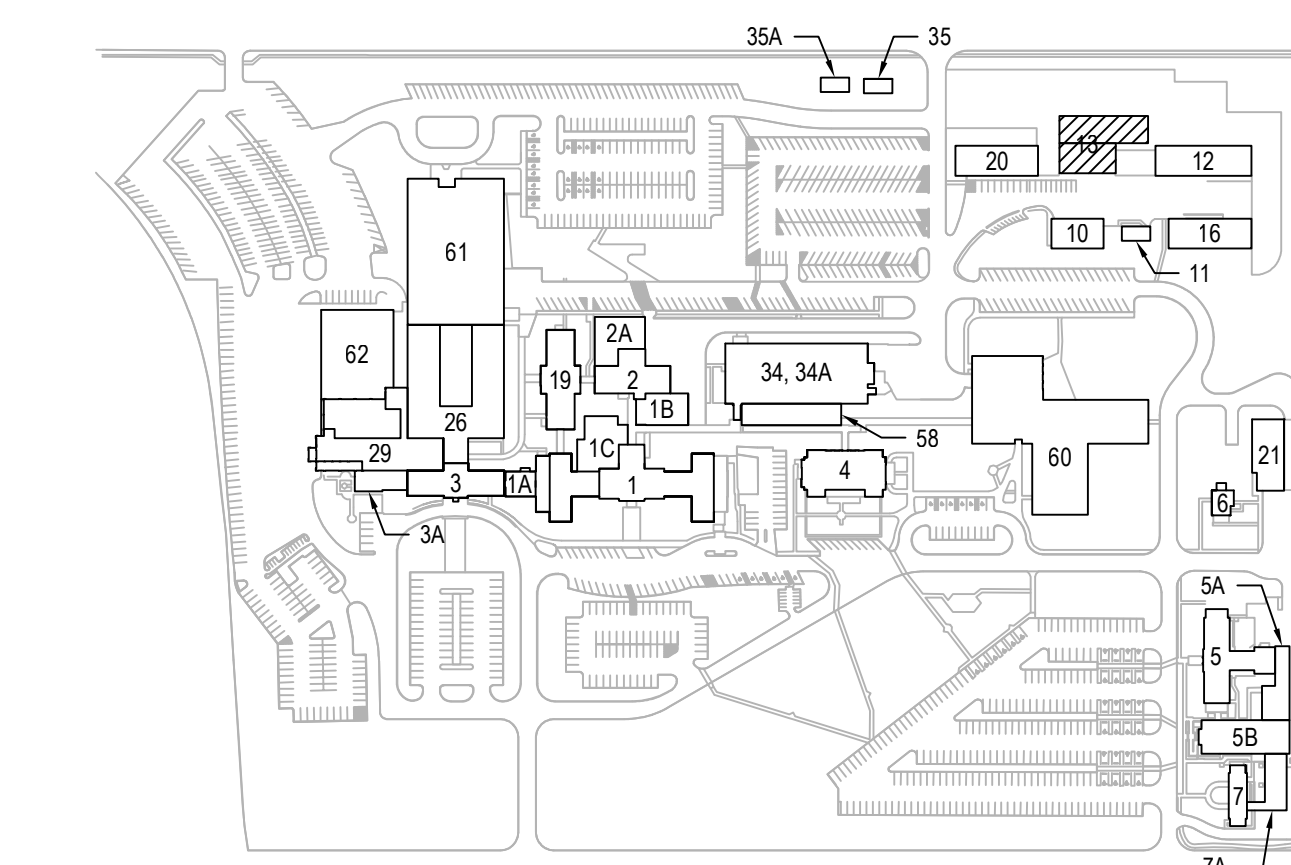
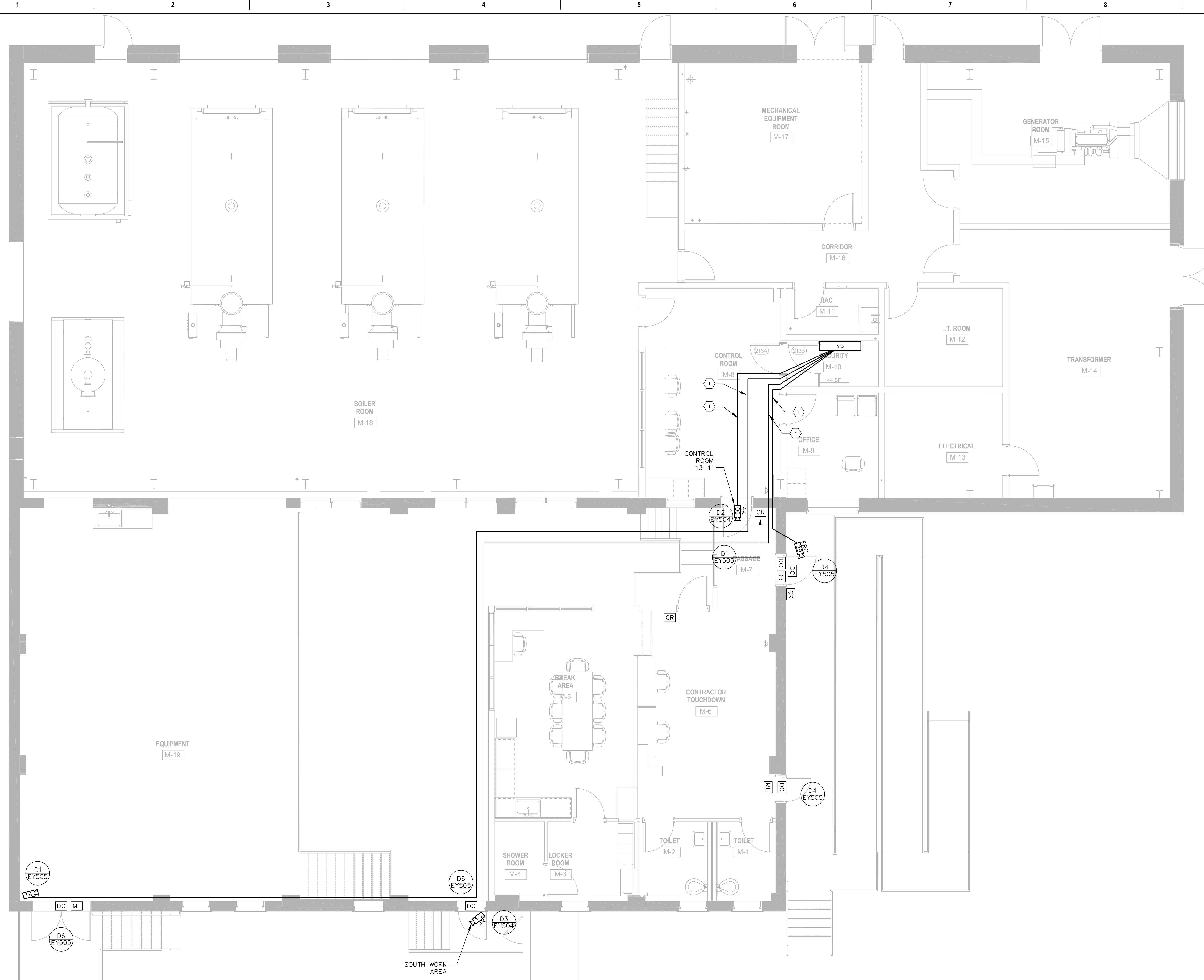
Phase 100% BID SET	Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Approved: Project Director	Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 13
FULLY SPRINKLERED	Issue Date 2021-08-03	Checked PBJ
	Drawn JDS	Drawing Number 13-EY111.02

GENERAL SHEET NOTES:

1. WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
2. ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
4. REFER TO SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. PROVIDE CAT6A CABLE IN 3/4" [21] TO POWER CAMERA POE.



1 SECURITY PLAN – SHOP & MAIN LEVELS, PHASE 3
SCALE: 1/4" = 1'-0"

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS

<p>HAZARDOUS MATERIALS HABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050</p>	<p>FIRE SUPPRESSION KOFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246</p>
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ENGINEER OF RECORD

Miller-Remick LLC
M.E.P. & Structural Engineering
A Service Disabled Veteran Owned Small Business

1010 KINGS HIGHWAY SOUTH
CHERRY HILL, NEW JERSEY 08034
PHONE: (856)429-4000
FAX: (856)429-5002
MR PROJECT NO: 0499-0121

MAGNA ENGINEERS, LLC
PROFESSIONAL ENGINEER

PHILLIP B. JUETT
23706
LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title
ELECTRICAL SECURITY PLAN SHOP & MAIN LEVELS, PHASE 3

Approved: Project Director

Phase
100% BID SET

FULLY SPRINKLERED

Project Title
INSTALL NEW BOILERS IN BUILDING 13

Location
ROBERT J. DOLE VA MEDICAL CENTER
WICHITA, KANSAS

Issue Date
2021-08-03

Checked
PBJ

Drawn
JDS

Project Number
589A7-18-302

Building Number
13

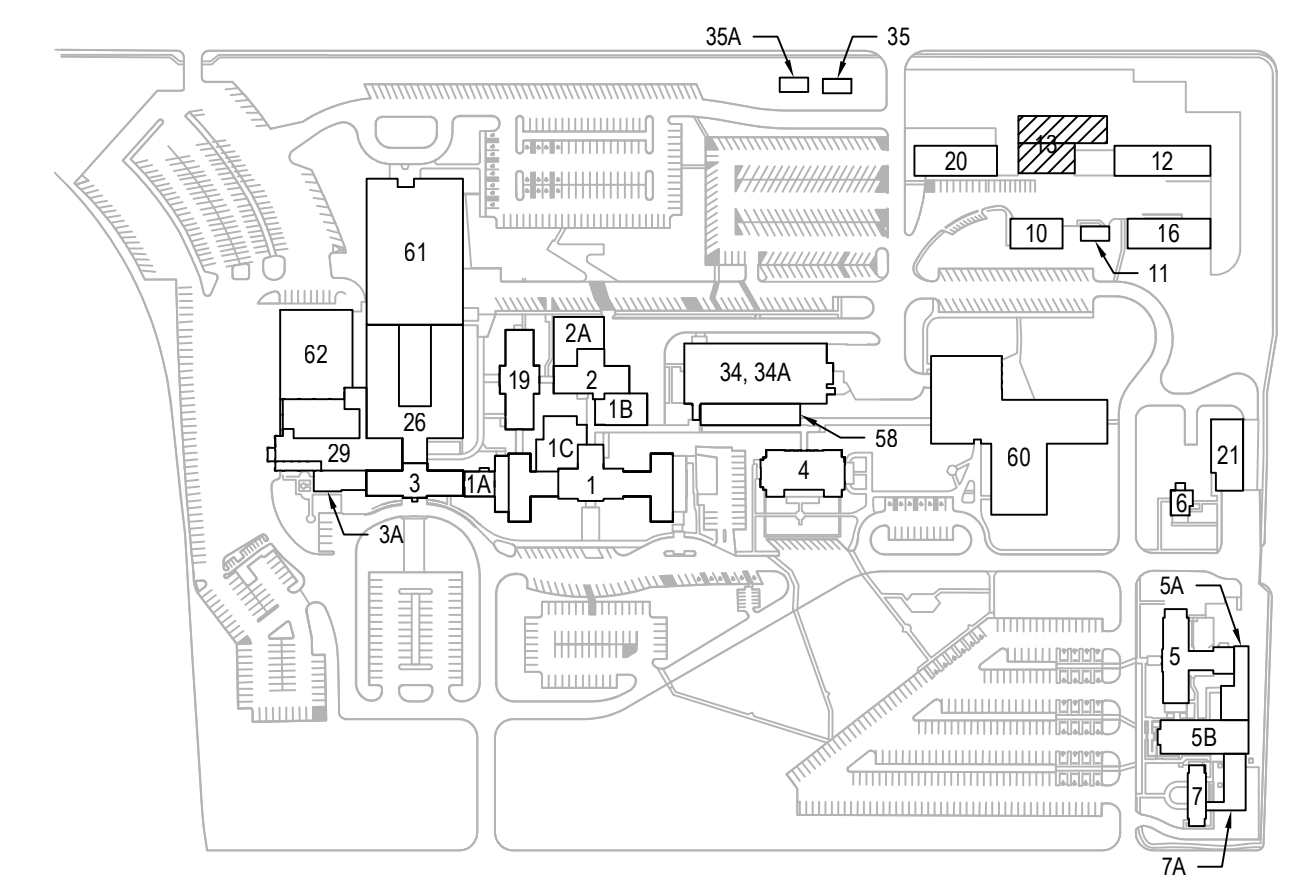
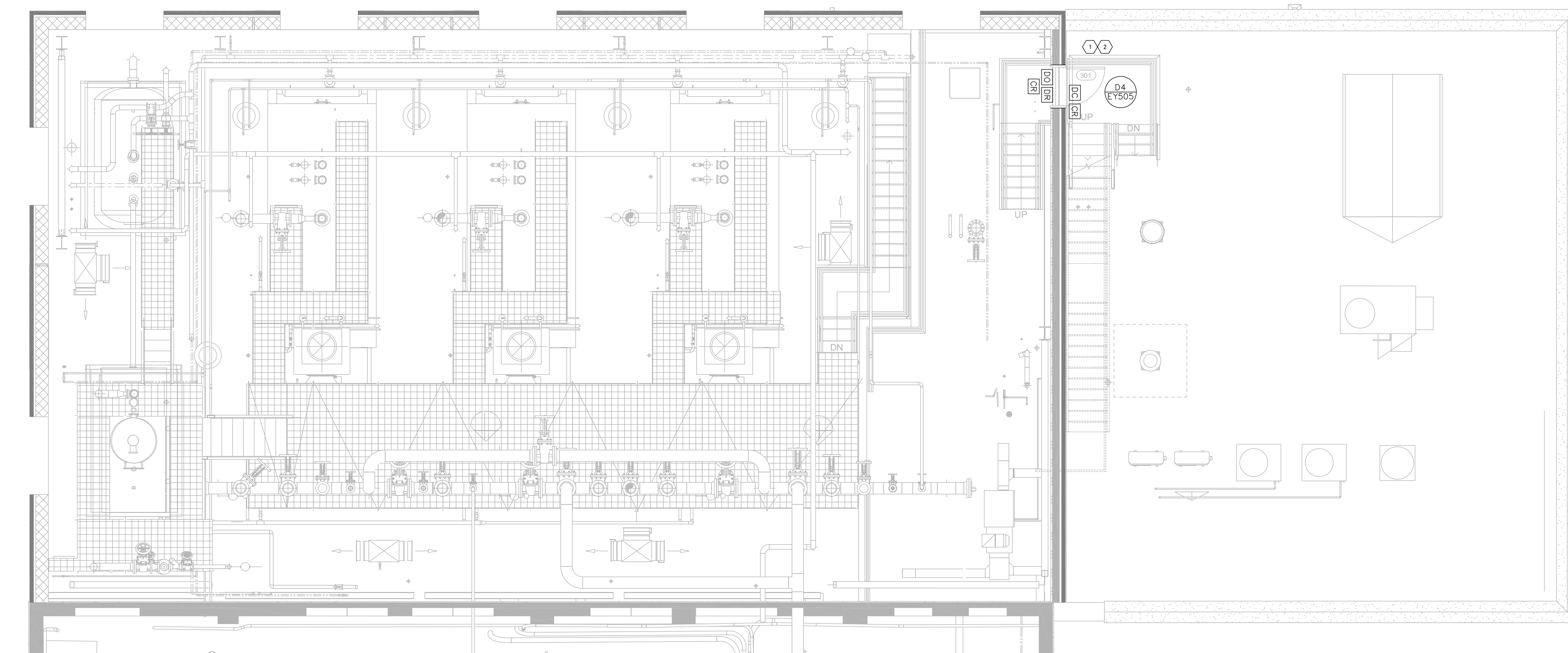
Drawing Number
13-EY111.03

GENERAL SHEET NOTES:

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3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
4. SEE SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. CONTRACTOR SHALL ENSURE THIS DOOR IS FAIL SAFE - OPEN.
2. PROTECT ALL EXPOSED WIRING WITH ARMOR PLATE PER MANUFACTURER RECOMMENDATION



1 SECURITY PLAN -- BUILDING 13, MEZZANINE LEVEL, PHASE 2
SCALE: 1/4" = 1'-0"

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS

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ENGINEER OF RECORD

Miller-Remick LLC M.E.P. & Structural Engineering A Service Disabled Veteran Owned Small Business 1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 PHONE: (856)429-4000 FAX: (856)429-5002 MR PROJECT NO: 0499-0121	MAGNA ENGINEERS, LLC PROFESSIONAL ENGINEER
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Office of Construction and Facilities Management
 U.S. Department of Veterans Affairs

Drawing Title ELECTRICAL SECURITY PLAN MEZZANINE LEVEL, PHASE 2 Approved: Project Director	Phase 100% BID SET FULLY SPRINKLERED
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Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 13
Issue Date 2021-08-03	Drawn JDS
Checked PBJ	Drawing Number 13-EY131.02

Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 13
Issue Date 2021-08-03	Drawn JDS
Checked PBJ	Drawing Number 13-EY131.02

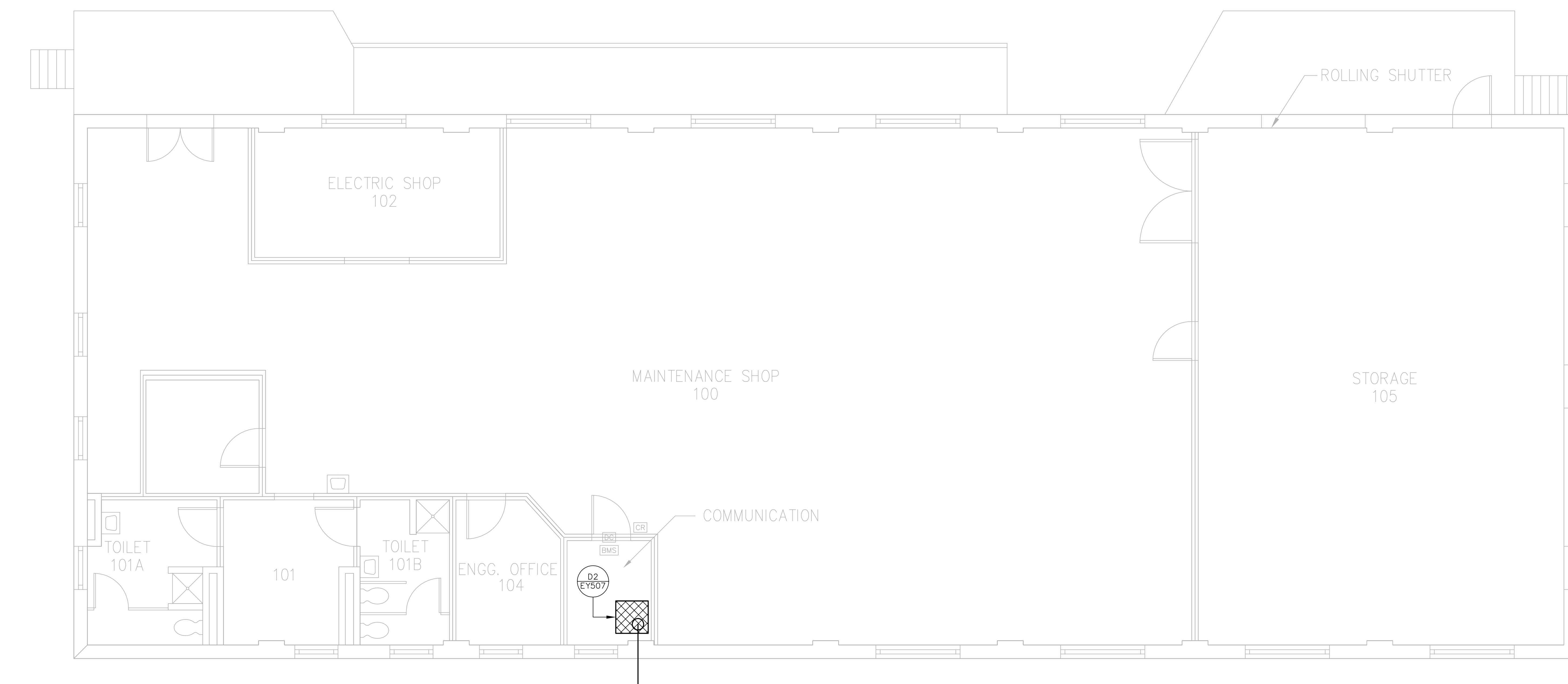
Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 13
Issue Date 2021-08-03	Drawn JDS
Checked PBJ	Drawing Number 13-EY131.02

GENERAL SHEET NOTES:

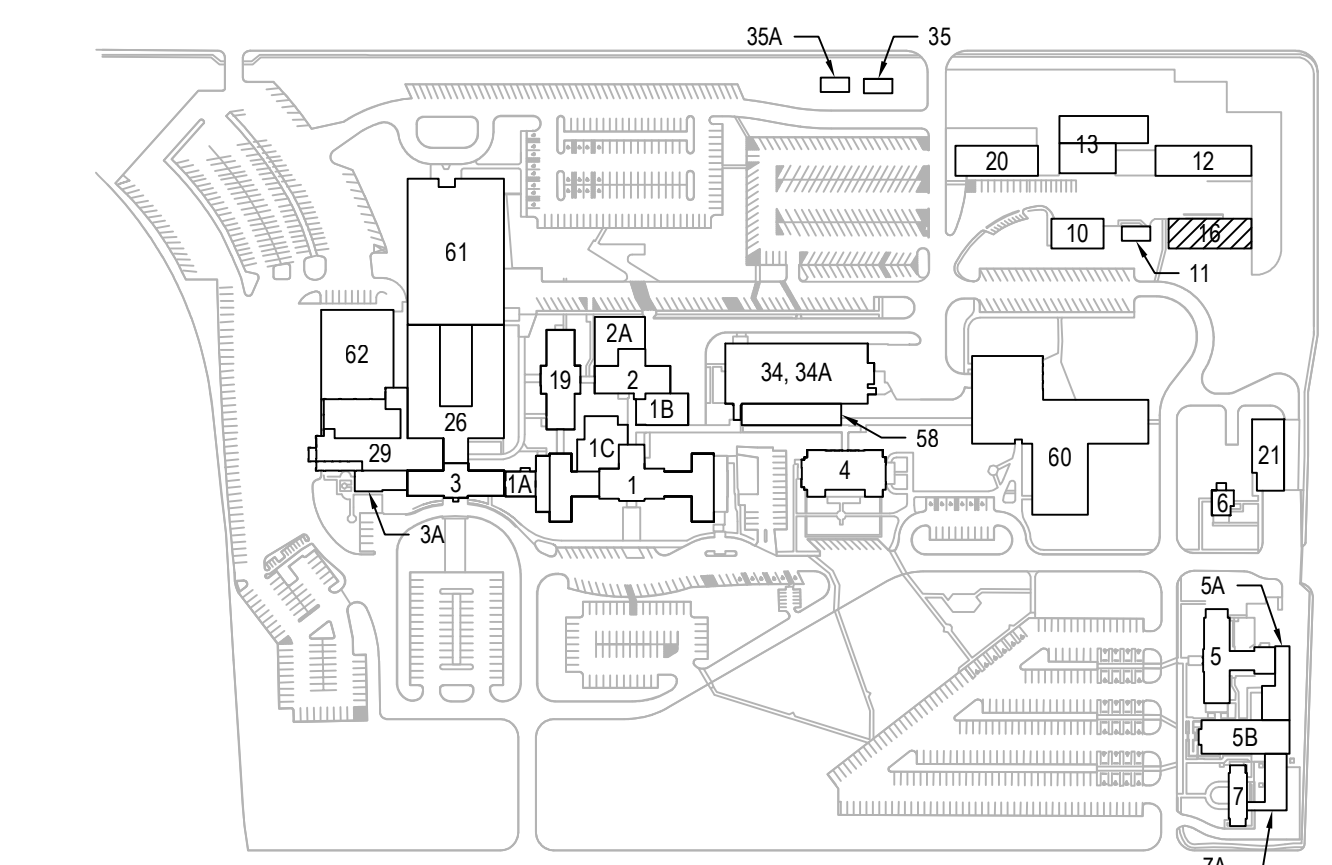
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4. REFER TO SHEET EY001 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. PROVIDE FIBER OPTIC CABLE FROM SECURITY CLOSET IN BUILDING 13.



TO BUILDING 13
IN EXISTING CONDUIT
VIA PIPE TUNNEL
SEE SHEET EY101
FOR CONTINUATION



1 SECURITY PLAN – FIRST FLOOR, PHASE 2
SCALE: 1/4" = 1'-0"

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS

HAZARDOUS MATERIALS MABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050 CIVIL / STRUCTURAL PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA, WICHITA, KS 67202 PHONE: (316)262-2891 ARCHITECTURAL OCULUS INC. 1 SOUTH MEMORIAL DRIVE, SUITE 1500, SAINT LOUIS, MO 63102 PHONE: (314)367-6100	FIRE SUPPRESSION KOFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246 ELECTRONIC SECURITY MAGNA ENGINEERS 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990 PHYSICAL SECURITY FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 PHONE: (502)936-4232
--	---

ENGINEER OF RECORD

Miller-Remick LLC M.E.P. & Structural Engineering A Service Disabled Veteran Owned Small Business 1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 PHONE: (856)429-4000 FAX: (856)429-5002 MR PROJECT NO: 0499-0121	MAGNA ENGINEERS, LLC PROFESSIONAL ENGINEER
--	---

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

Drawing Title ELECTRICAL SECURITY PLAN FIRST FLOOR, PHASE 2 Approved: Project Director	Phase 100% BID SET FULLY SPRINKLERED
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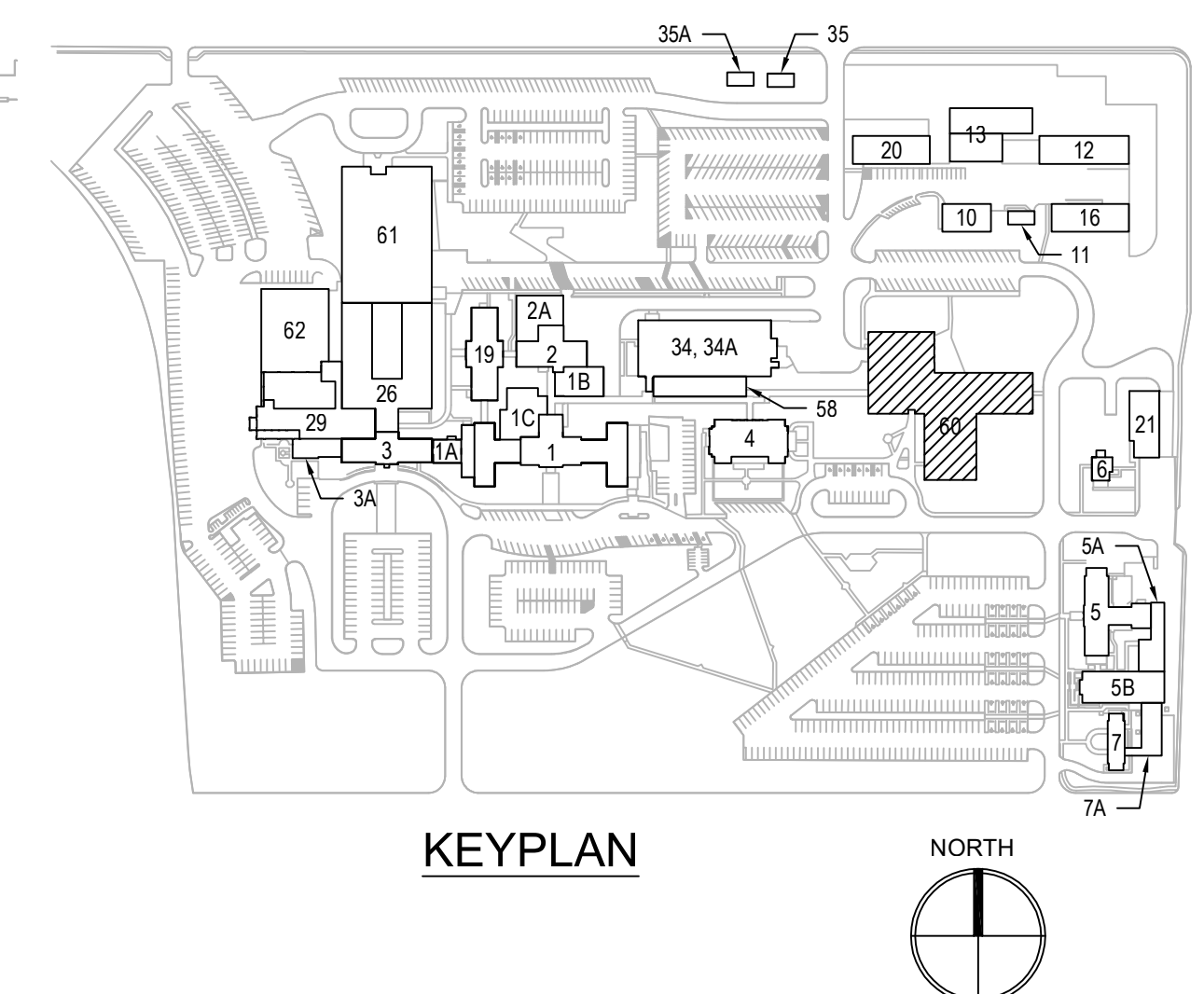
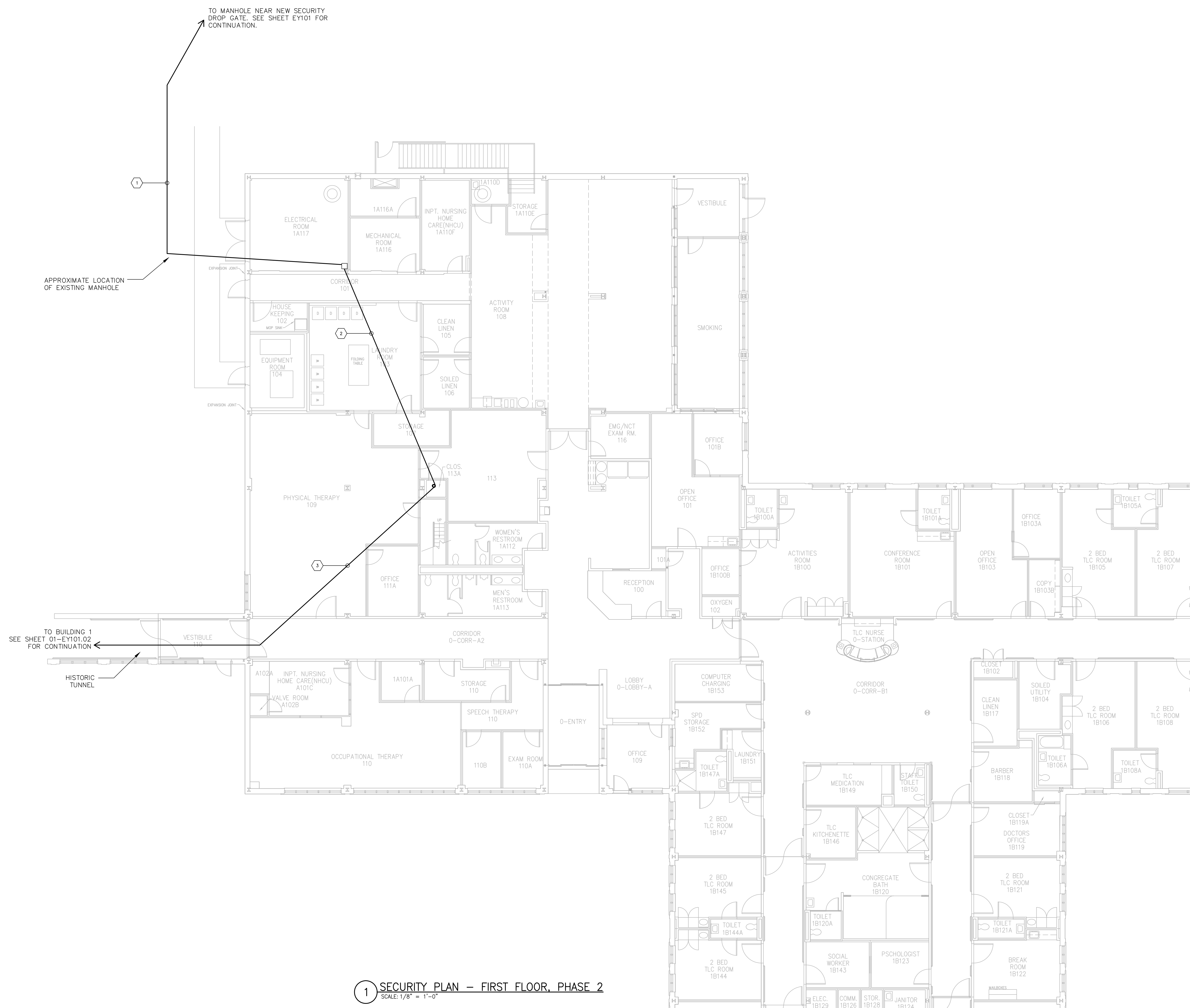
Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302 Building Number 16
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Drawing Number 16-EY111.02
Issue Date 2021-08-03	Checked PBJ
Drawn JDS	

GENERAL SHEET NOTES:

1. WIRING FOR SECURITY DEVICES SHALL BE RUN IN DEDICATED CONDUIT WITH NO OTHER WIRING. SECURITY WIRING MAY SHARE CONDUIT WITH OTHER SECURITY WIRING.
2. ALL CONDUIT BODIES, FITTINGS, BRACKETS, ETC HOLDING SECURITY WIRING SHALL USE TAMPER-PROOF SCREWS.
3. ALL JUNCTION BOXES, GANG BOXES, PULL-THROUGHS, HANDHOLES, ETC SHALL USE TAMPER-PROOF SCREWS.
4. REFER TO SHEET EY01 FOR BREAKDOWN OF FIBER OPTIC CABLE.

SHEET KEYNOTES:

1. PROVIDE FIBER OPTIC CABLE FROM BUILDING 16. UTILIZE THE EXISTING CONDUIT FOR ROUTING OF FIBER OPTIC CABLE.
2. PROVIDE 2" [5.3] WITH FIBER OPTIC CABLE FROM EXISTING JUNCTION BOX IN ELECTRICAL ROOM 1A117 WITH 30' [9144] SERVICE LOOP IN CLOSET 113A.
3. PROVIDE 2" [5.3] WITH FIBER OPTIC CABLE TO BUILDING 1 VIA HISTORIC TUNNEL.



1 SECURITY PLAN - FIRST FLOOR, PHASE 2
SCALE: 1/8" = 1'-0"

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NO.	DESCRIPTION	DATE

CONSULTANTS

HAZARDOUS MATERIALS HABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050	FIRE SUPPRESSION KOFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246
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ARCHITECTURAL OCULUS INC. 1 SOUTH MEMORIAL DRIVE, SUITE 1500, SAINT LOUIS, MO 63102 PHONE: (314)367-6100	PHYSICAL SECURITY FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 PHONE: (802)936-4232

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---	--

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title
ELECTRICAL SECURITY PLAN FIRST FLOOR, PHASE 2

Approved: Project Director

Phase
100% BID SET

FULLY SPRINKLERED

Project Title
INSTALL NEW BOILERS IN BUILDING 13

Location
ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS

Issue Date
2021-08-03

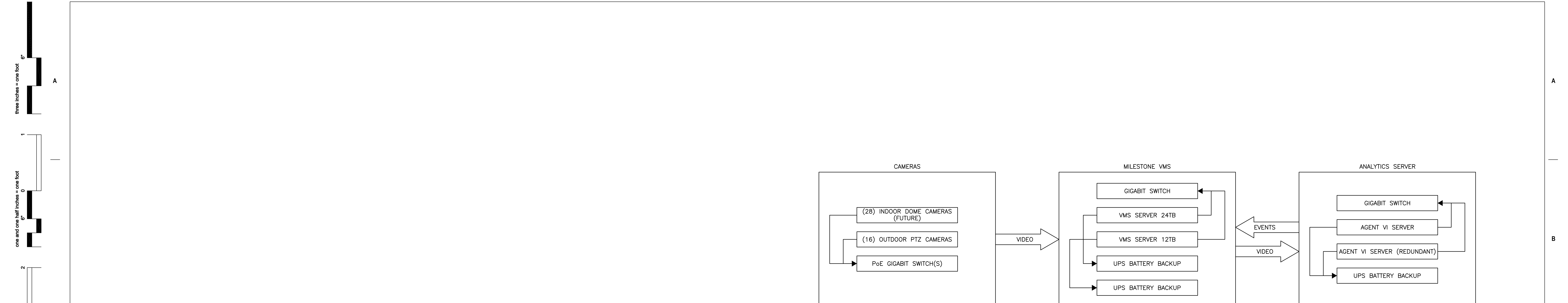
Checked
PBJ

Drawn
JDS

Project Number
589A7-18-302

Building Number
60

Drawing Number
60-EY111.02



D2 CAMERA SYSTEM BLOCK DIAGRAM
SCALE: NOT TO SCALE

Scale indicators on the left margin:

- 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

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

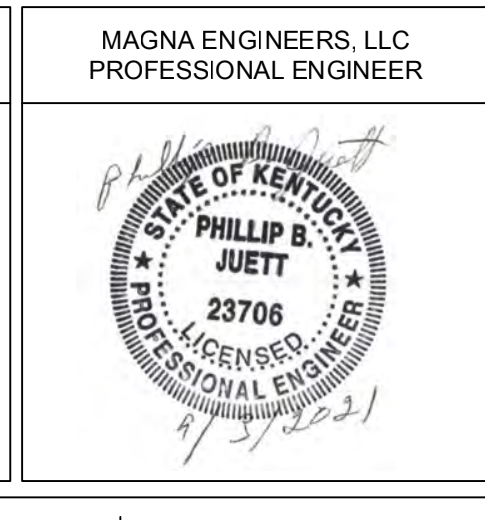
NO.	DESCRIPTION	DATE

CONSULTANTS	
HAZARDOUS MATERIALS HABBRETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050	FIRE SUPPRESSION KOFTEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246
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ENGINEER OF RECORD

Miller-Remick LLC
M.E.P. & Structural Engineering
A Service Disabled Veteran Owned Small Business

1010 KINGS HIGHWAY SOUTH
CHERRY HILL, NEW JERSEY 08034
PHONE: (856)429-4000
FAX: (856)429-5002
MR PROJECT NO: 0499-0121



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
**ELECTRICAL SECURITY PLAN
DETAIL DRAWINGS**

Approved: Project Director

Phase
100% BID SET

FULLY SPRINKLERED

Project Title
INSTALL NEW BOILERS IN BUILDING 13

Location
ROBERT J. DOLE VA MEDICAL CENTER
WICHITA, KANSAS

Issue Date
2021-08-03

Checked
PBJ

Drawn
JDS

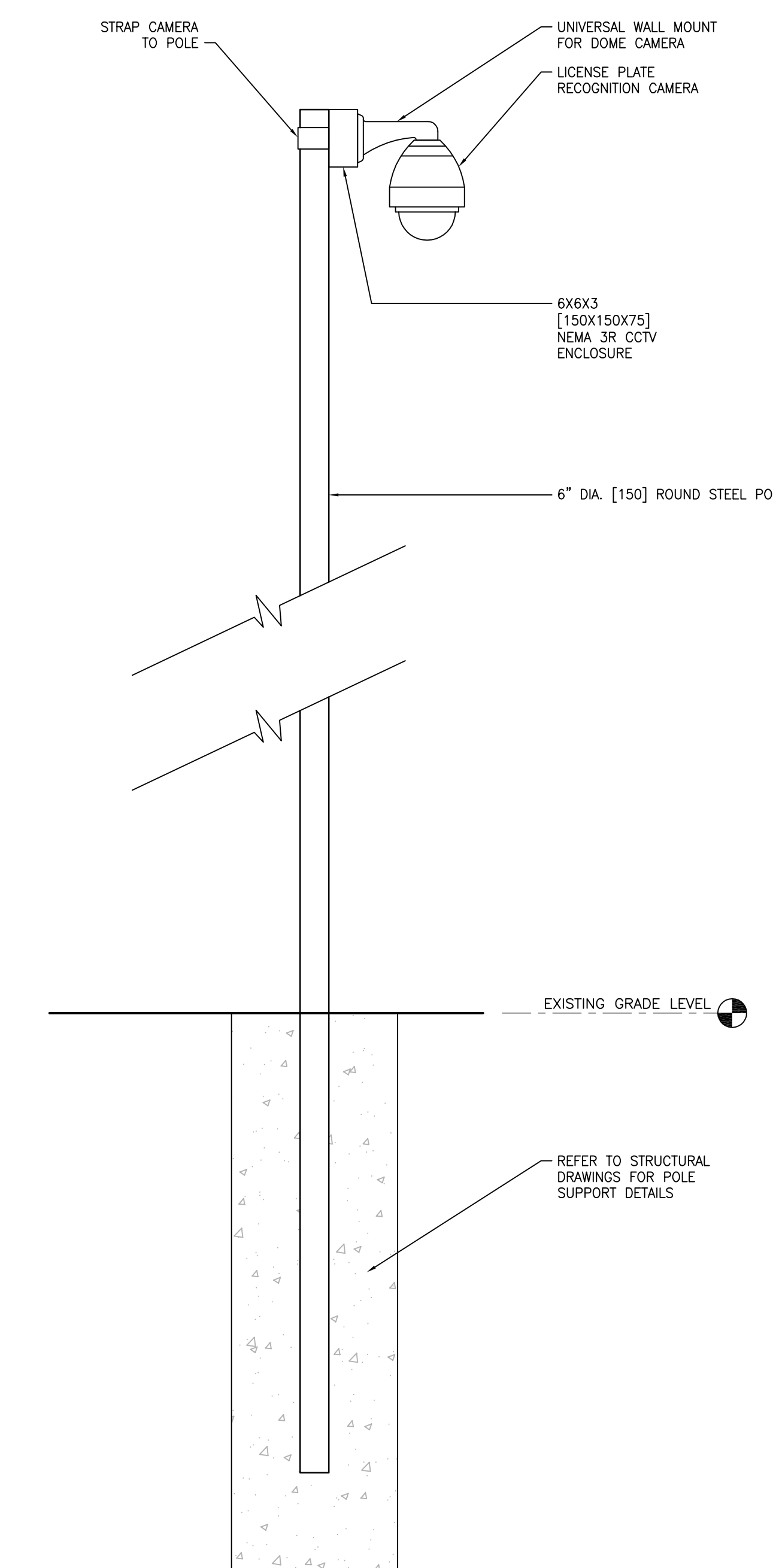
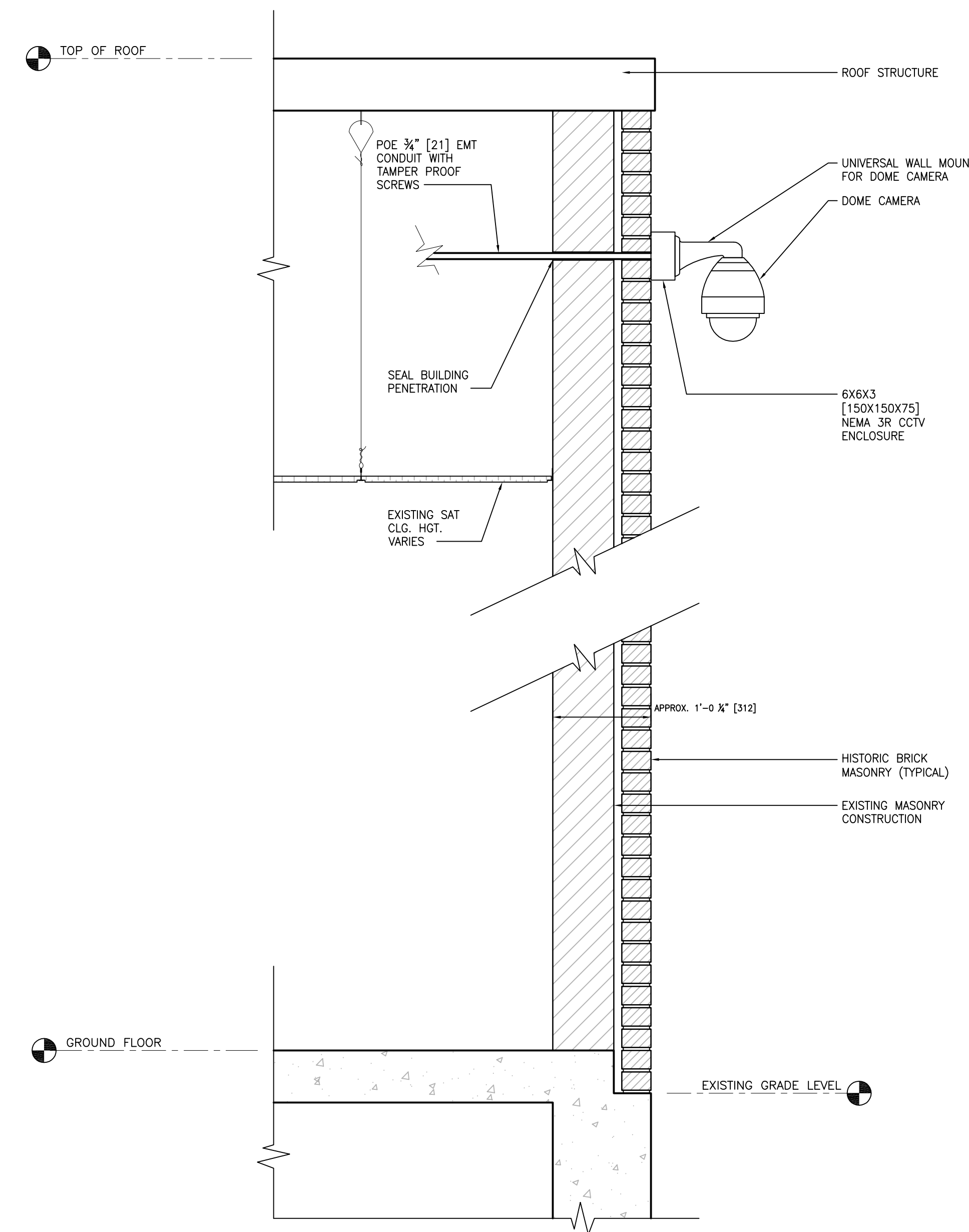
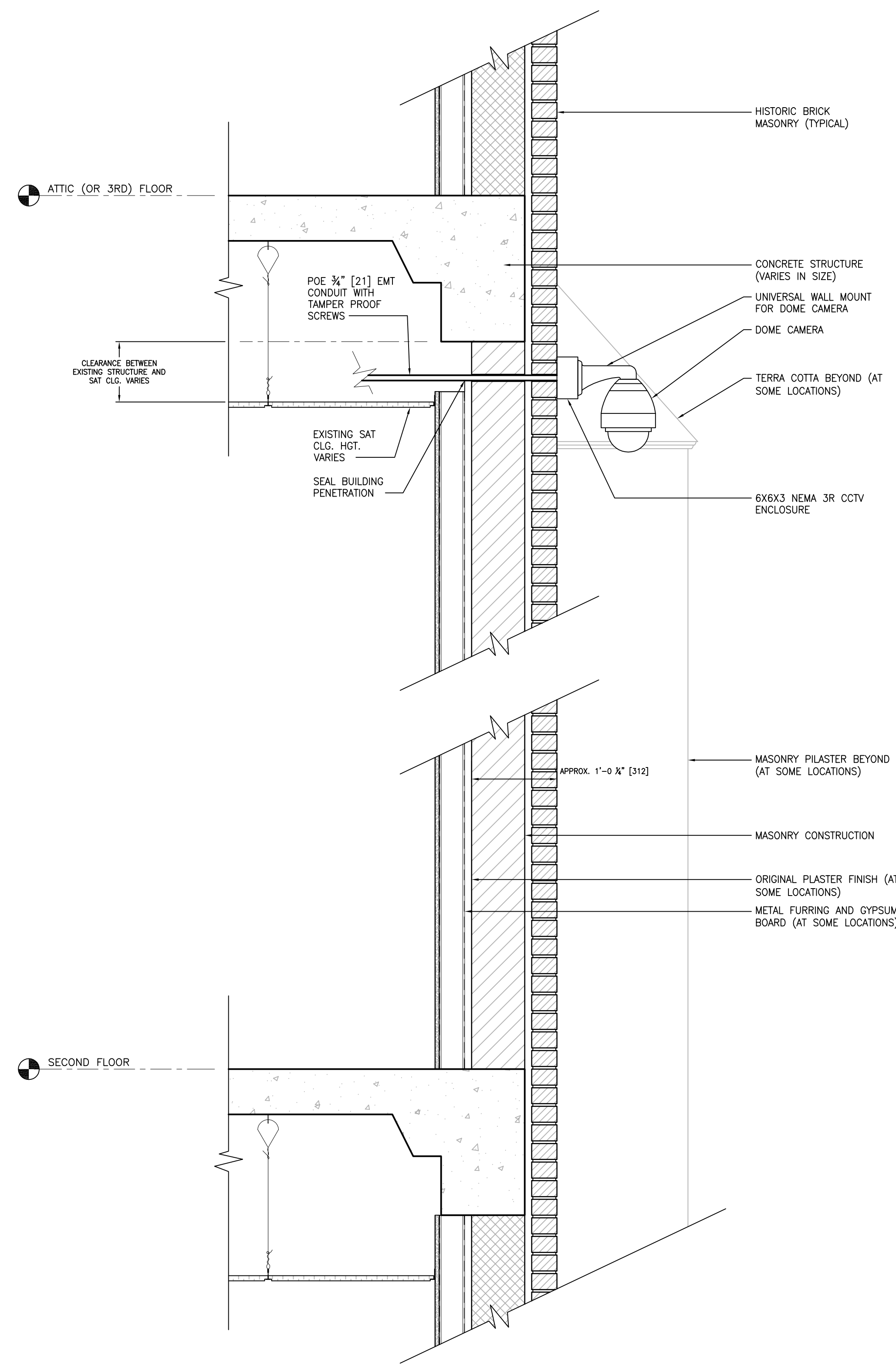
Project Number
589A7-18-302

Building Number
13

Drawing Number
EY501

CAMERA MOUNTING NOTES:

1. ALL CAMERAS ARE TO BE MOUNTED ON EXISTING BRICK MASONRY EXTERIOR WALLS, OR AS OTHERWISE NOTED.
2. NEW CONDUIT PENETRATIONS SHALL AVOID IMPACT WITH EXISTING CONCRETE STRUCTURE, DECORATIVE TERRA COTTA PANELS AND EXISTING STEEL REINFORCING.
3. CONTRACTOR SHALL AVOID IMPACT OF ANY KIND TO EXISTING ARCHITECTURAL TERRA COTTA PANELS OR DECORATIVE ELEMENTS LOCATED ON THE BUILDING FAÇADE WITH NEW SURVEILLANCE CAMERA MOUNTING LOCATIONS.
4. IT IS HIGHLY RECOMMENDED THE CONTRACTOR VERIFY IN FIELD EXISTING CONDITIONS AT LOCATIONS TO RECEIVE NEW SURVEILLANCE CAMERA SYSTEM INSTALLATIONS AND INCLUDE IN BID PRICE THOSE ELEMENTS THAT MAY AFFECT PERFORMANCE OF THE WORK.
5. WHERE CAMERAS ARE LOCATED BETWEEN EXISTING WINDOW OPENINGS AND THE EXTERIOR CORNERS OF EXISTING MASONRY WALLS - THE CONTRACTOR SHALL CENTER THE CAMERA IN THE AVAILABLE WALL AREA BETWEEN THE TWO ELEMENTS.
6. WHERE CAMERAS ARE LOCATED NEAR CENTER OF EXISTING BRICK MASONRY FAÇADES WITH GABLE ROOFS - INSTALL AT CENTERLINE OF GABLE ROOF AT SAME ELEVATION ABOVE GRADE FOR SIMILARLY CONSTRUCTED BUILDINGS.
7. WHERE CAMERAS ARE LOCATED BETWEEN WINDOW OPENINGS AND ADJACENT MASONRY PILASTERS OR TERRA COTTA PANELS - INSTALL AT CENTERLINE OF MASONRY WALL BETWEEN OPENING AND FACE OF PILASTER OR TERRA COTTA PANEL.
8. ANCHOR NEMA 3R CCTV JUNCTION BOX ADEQUATELY TO RESIST A 30# LOAD APPLIED IN ANY DIRECTION.
9. APPLY EXTERIOR SEALANT TO ALL FOUR EDGES OF NEMA 3R JUNCTION BOX TO MOUNTING SURFACE.
10. PAINT NEMA 3R JUNCTION BOX TO MATCH COLOR OF NEW CCTV SUPPORT ARM.



D1 TYPICAL WALL SECTION AT CAMERA MOUNT
SCALE: 1/2"=1'

D2 TYPICAL WALL SECTION AT CAMERA MOUNT
SCALE: 1/2"=1'

D3 TYPICAL POLE CAMERA MOUNT
SCALE: 1/2"=1'

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

CONSULTANTS

<p>HAZARDOUS MATERIALS MABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050</p>	<p>FIRE SUPPRESSION KOPFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246</p>
<p>CIVIL / STRUCTURAL PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA, WICHITA, KS 67202 PHONE: (316)262-2891</p>	<p>ELECTRONIC SECURITY MAGNA ENGINEERS 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990</p>
<p>ARCHITECTURAL OCULUS INC. 1 SOUTH MEMORIAL DRIVE, SUITE 1500, SAINT LOUIS, MO 63102 PHONE: (314)367-6100</p>	<p>PHYSICAL SECURITY FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 PHONE: (502)936-4232</p>

ENGINEER OF RECORD

Miller-Remick LLC
M.E.P. & Structural Engineering
A Service Disabled Veteran Owned Small Business

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PHONE: (856)429-4000
FAX: (856)429-5002
MR PROJECT NO: 0499-0121

MAGNA ENGINEERS, LLC
PROFESSIONAL ENGINEER

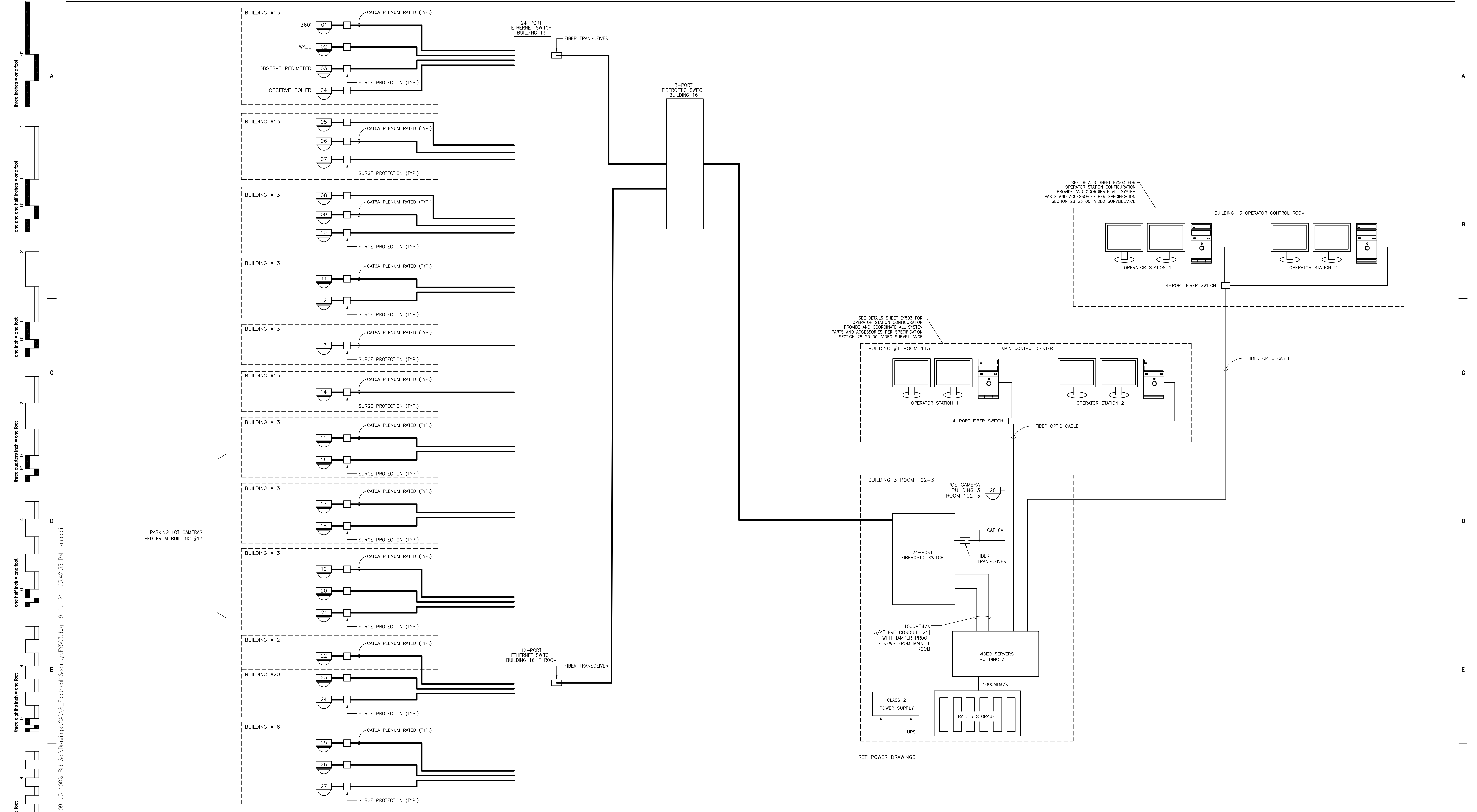
STATE OF KENTUCKY
PHILLIP B. JUETT
23706
LICENSED PROFESSIONAL ENGINEER

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

Drawing Title	ELECTRICAL SECURITY PLAN DETAIL DRAWINGS
Phase	100% BID SET
Approved: Project Director	

Project Title	INSTALL NEW BOILERS IN BUILDING 13
Location	ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS
Issue Date	2021-08-03
Checked	PBJ
Drawn	JDS

Project Number	589A7-18-302
Building Number	13
Drawing Number	EY502



PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

CONSULTANTS

HAZARDOUS MATERIALS MABBRETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050 CIVIL/STRUCTURAL PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA, WICHITA, KS 67202 PHONE: (316)262-2891 ARCHITECTURAL OCULUS INC. 1 SOUTH MEMORIAL DRIVE, SUITE 1500, SAINT LOUIS, MO 63102 PHONE: (314)367-6100	FIRE SUPPRESSION KOPFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246 ELECTRONIC SECURITY MAGNA ENGINEERS 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990 PHYSICAL SECURITY FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLAIR BEACH, FL 33786 PHONE: (802)936-4232
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ENGINEER OF RECORD

Miller-Remick LLC
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A Service Disabled Veteran Owned Small Business
1010 KINGS HIGHWAY SOUTH
CHERRY HILL, NEW JERSEY 08034
PHONE: (856)429-4000
FAX: (856)429-5002
MR PROJECT NO: 0499-0121

MAGNA ENGINEERS, LLC
PROFESSIONAL ENGINEER

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

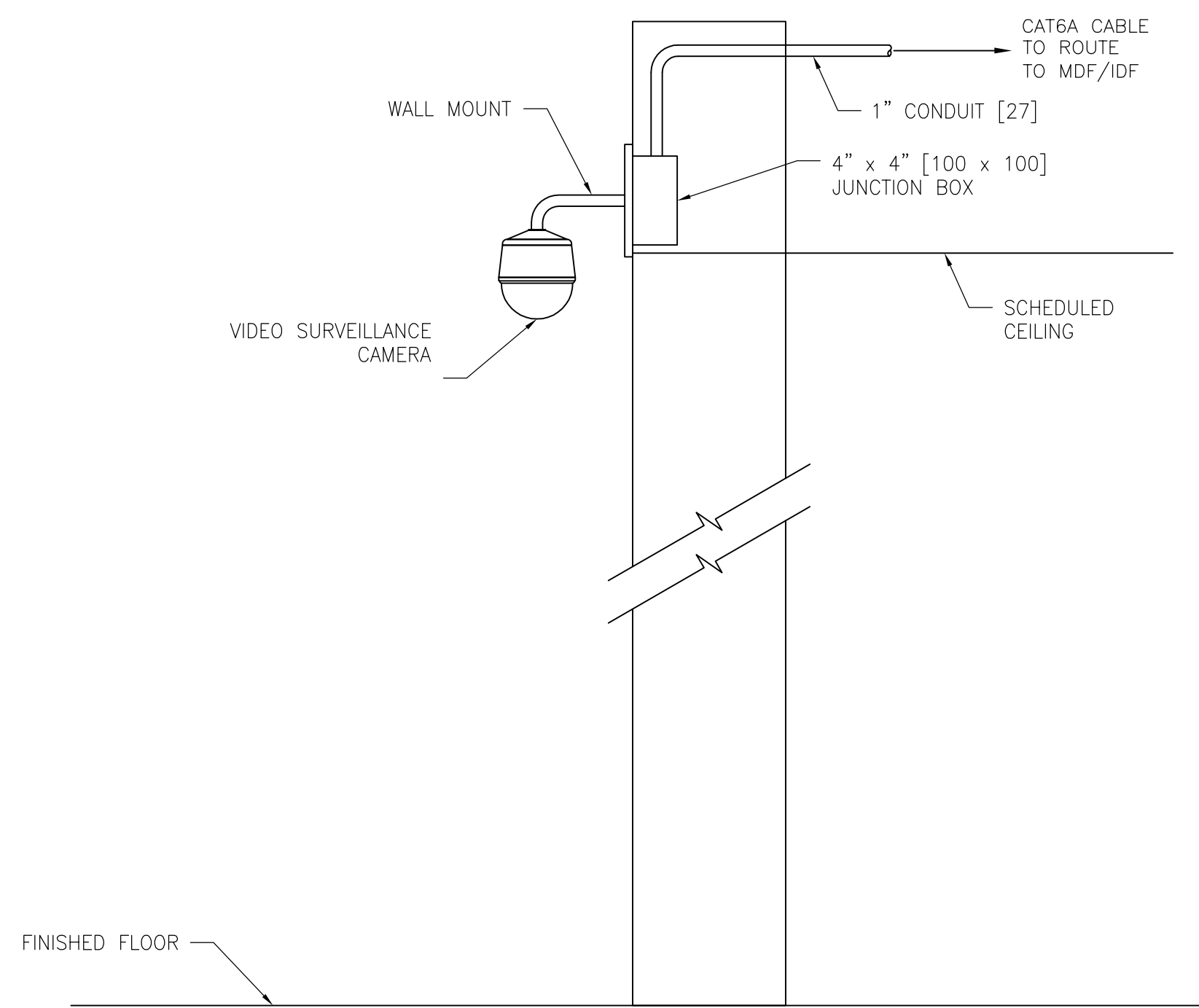
Drawing Title: ELECTRICAL SECURITY PLAN DETAIL DRAWINGS
Phase: 100% BID SET
Approved: Project Director

Project Title: INSTALL NEW BOILERS IN BUILDING 13
Location: ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS
Issue Date: 2021-08-03
Checked: PBJ
Drawn: JDS

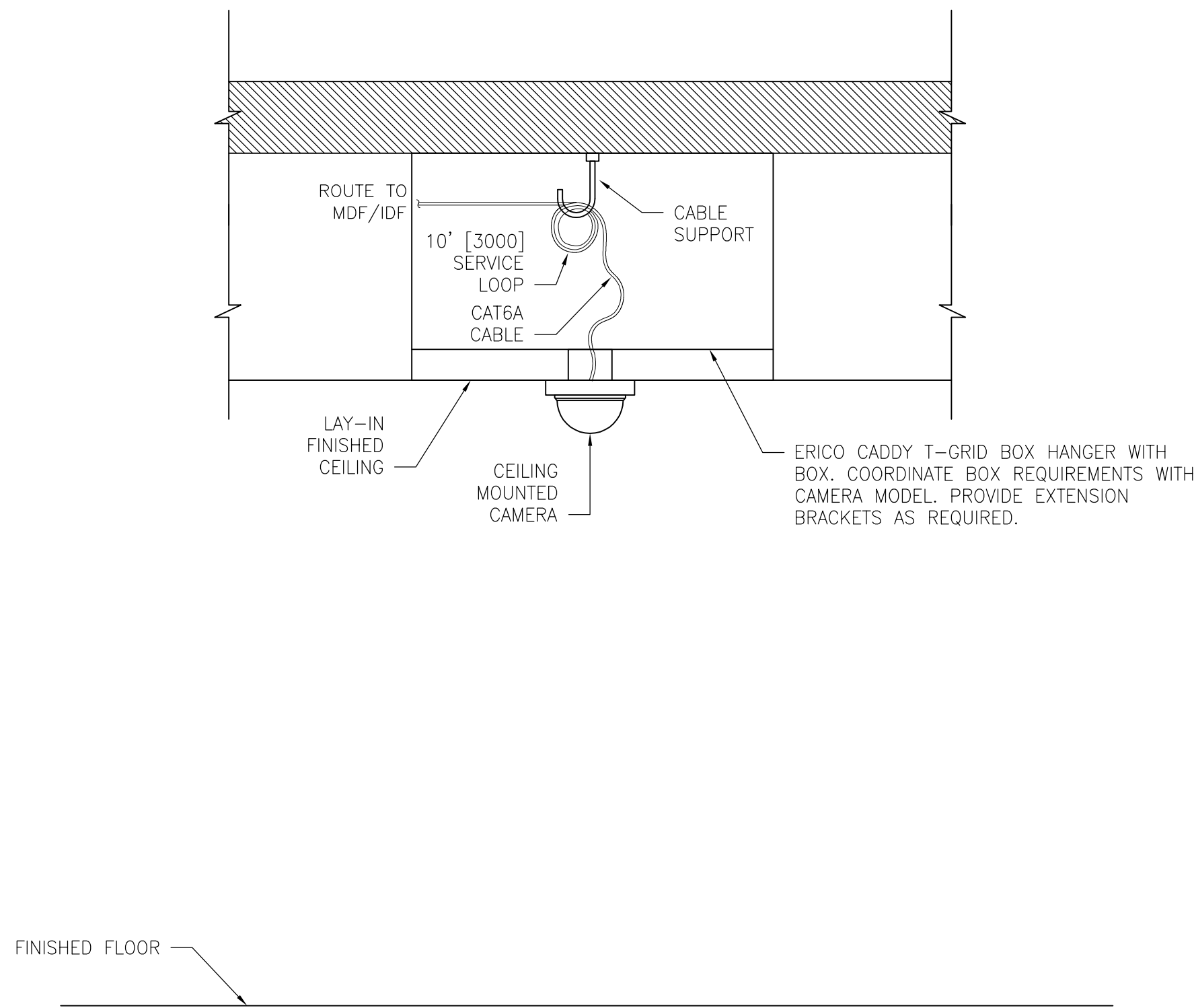
Project Number: 589A7-18-302
Building Number: 13
Drawing Number: EY503

GENERAL NOTES:

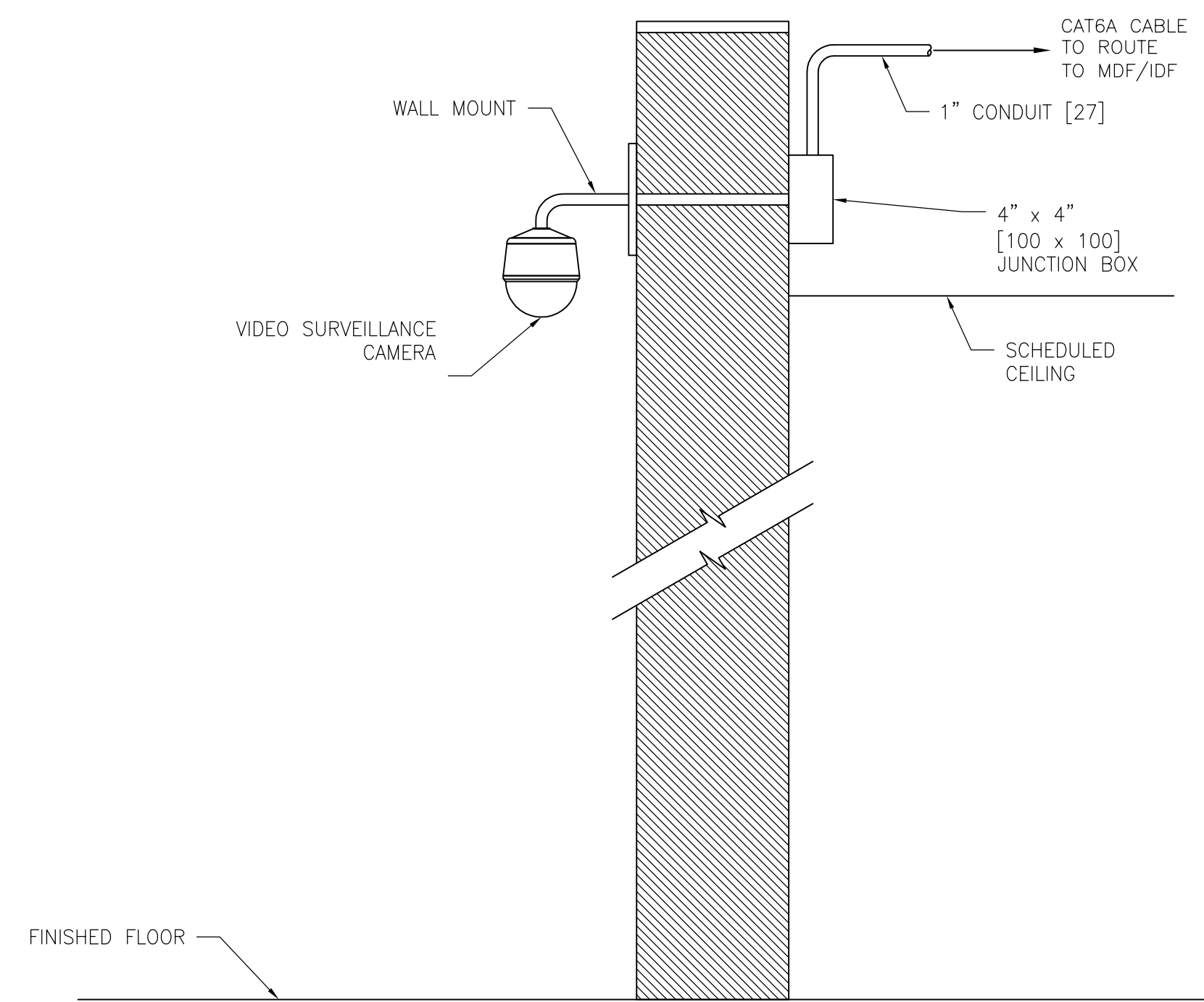
- A. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUITS AND BACK BOXES. CONDUITS SHALL ROUTE TO THE NEAREST, ACCESSIBLE PLENUM SPACE.
- B. ALL WALL, CORNER, PENDANT, AND UNDER CANOPY MOUNTING HEIGHTS SHALL BE COORDINATED WITH THE OWNER AND SECURITY CONSULTANT PRIOR TO ROUGH-IN.
- C. SECURITY CONTRACTOR SHALL PROVIDE CAMERAS, MOUNTING HARDWARE, AND ANY OTHER COMPONENTS AND/OR HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.
- D. REFERENCE VIDEO SURVEILLANCE CAMERA SCHEDULES, FLOOR PLANS, AND SPECIFICATIONS FOR ADDITIONAL INSTRUCTIONS.
- E. CABLE FEED-THROUGH MOUNT FOR CAMERA. NO EXPOSED CABLE WILL BE ALLOWED. SECURITY CONTRACTOR TO COORDINATE MOUNTING HEIGHT WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN.



D1 INTERIOR WALL-MOUNTED CAMERA (TYPICAL)
SCALE: NOT TO SCALE



D2 INTERIOR LAY-IN CEILING-MOUNTED CAMERA (TYPICAL)
SCALE: NOT TO SCALE



D3 EXTERIOR WALL-MOUNTED DOME CAMERA (TYPICAL)
SCALE: NOT TO SCALE

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CONSULTANTS

HAZARDOUS MATERIALS
MABBETT & ASSOCIATES, INC.
105 CENTRAL STREET, STONEHAM, MA 02180
PHONE: (781)275-8050

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303 SOUTH TOPEKA, WICHITA, KS 67202
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ARCHITECTURAL
OCULUS INC.
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FIRE SUPPRESSION
KOPPEL ASSOCIATES
8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045
PHONE: (410)750-2246

ELECTRONIC SECURITY
MAGNA ENGINEERS
861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503
PHONE: (859)309-2990

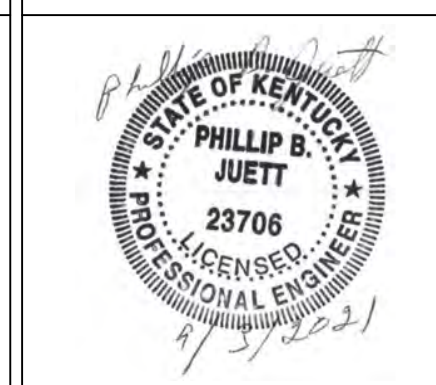
PHYSICAL SECURITY
FORCE PROTECT
3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786
PHONE: (802)936-4232

ENGINEER OF RECORD

Miller-Remick LLC
M.E.P. & Structural Engineering
A Service Disabled Veteran Owned Small Business

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PHONE: (856)429-4000
FAX: (856)429-5002
MR PROJECT NO: 0499-0121

MAGNA ENGINEERS, LLC
PROFESSIONAL ENGINEER



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

Drawing Title
ELECTRICAL SECURITY PLAN
DETAIL DRAWINGS

Approved: Project Director

Phase
100% BID SET

FULLY SPRINKLERED

Project Title
INSTALL NEW BOILERS IN BUILDING 13

Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS

Issue Date 2021-08-03

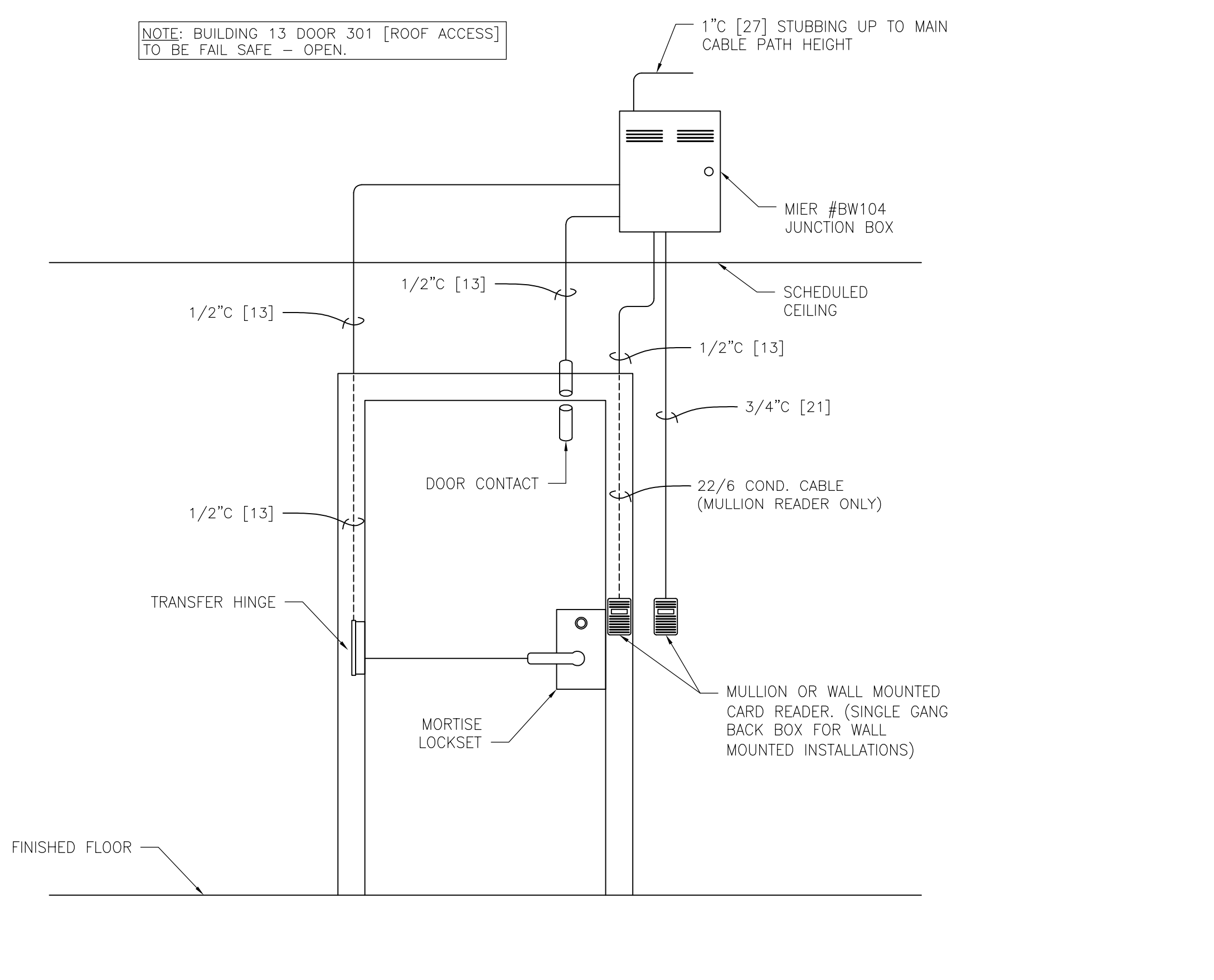
Checked PBJ

Drawn JDS

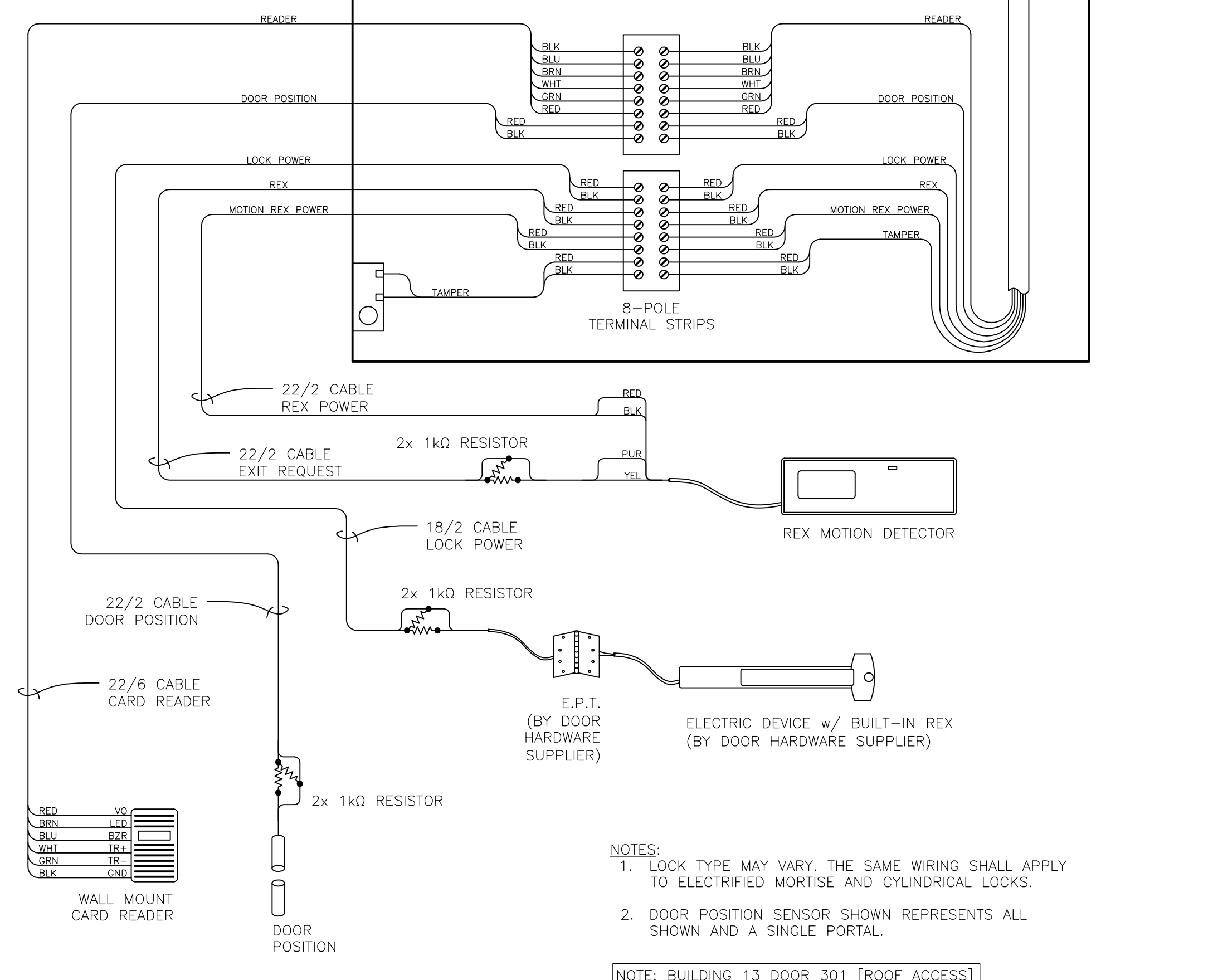
Project Number 589A7-18-302

Building Number 13

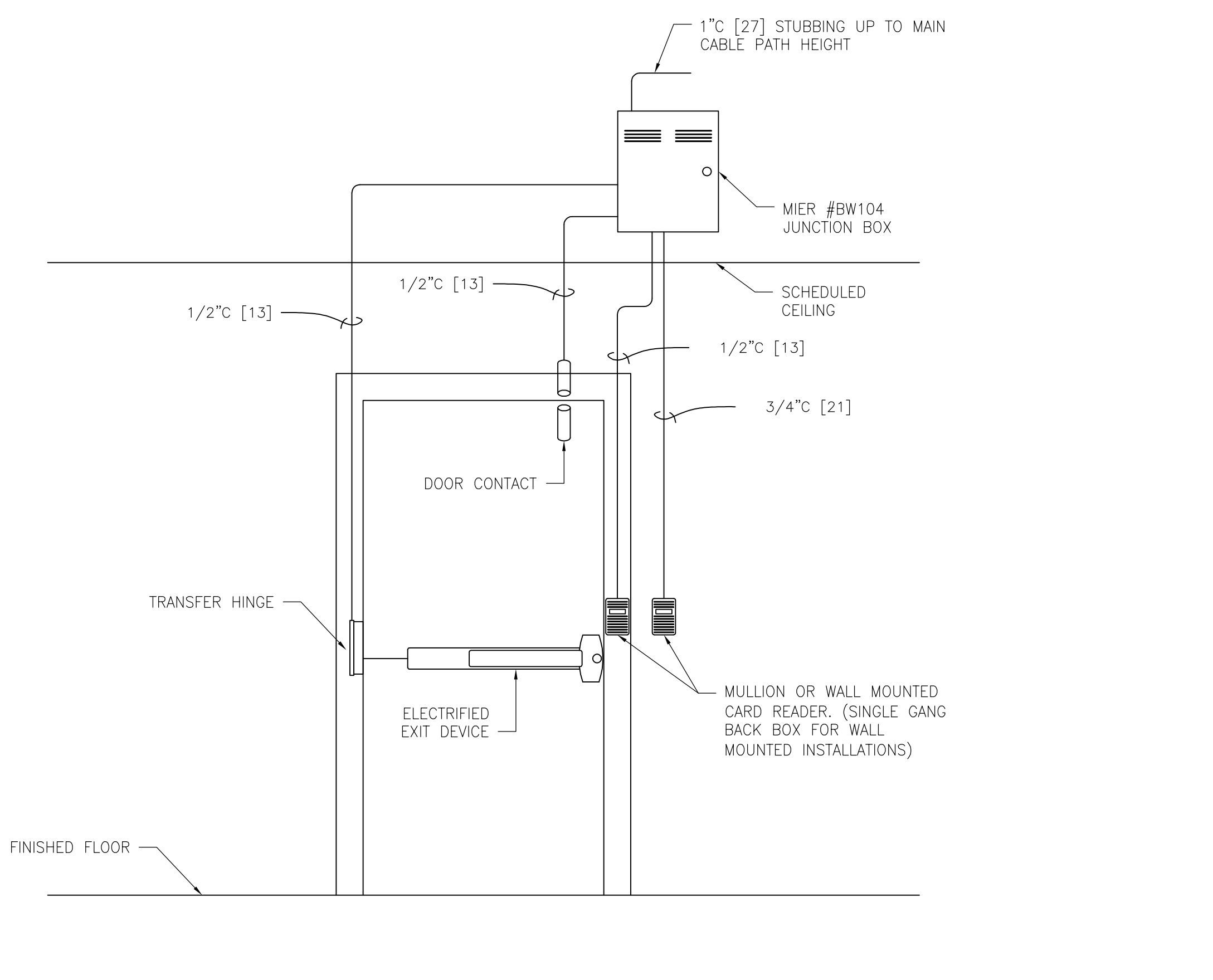
Drawing Number EY504



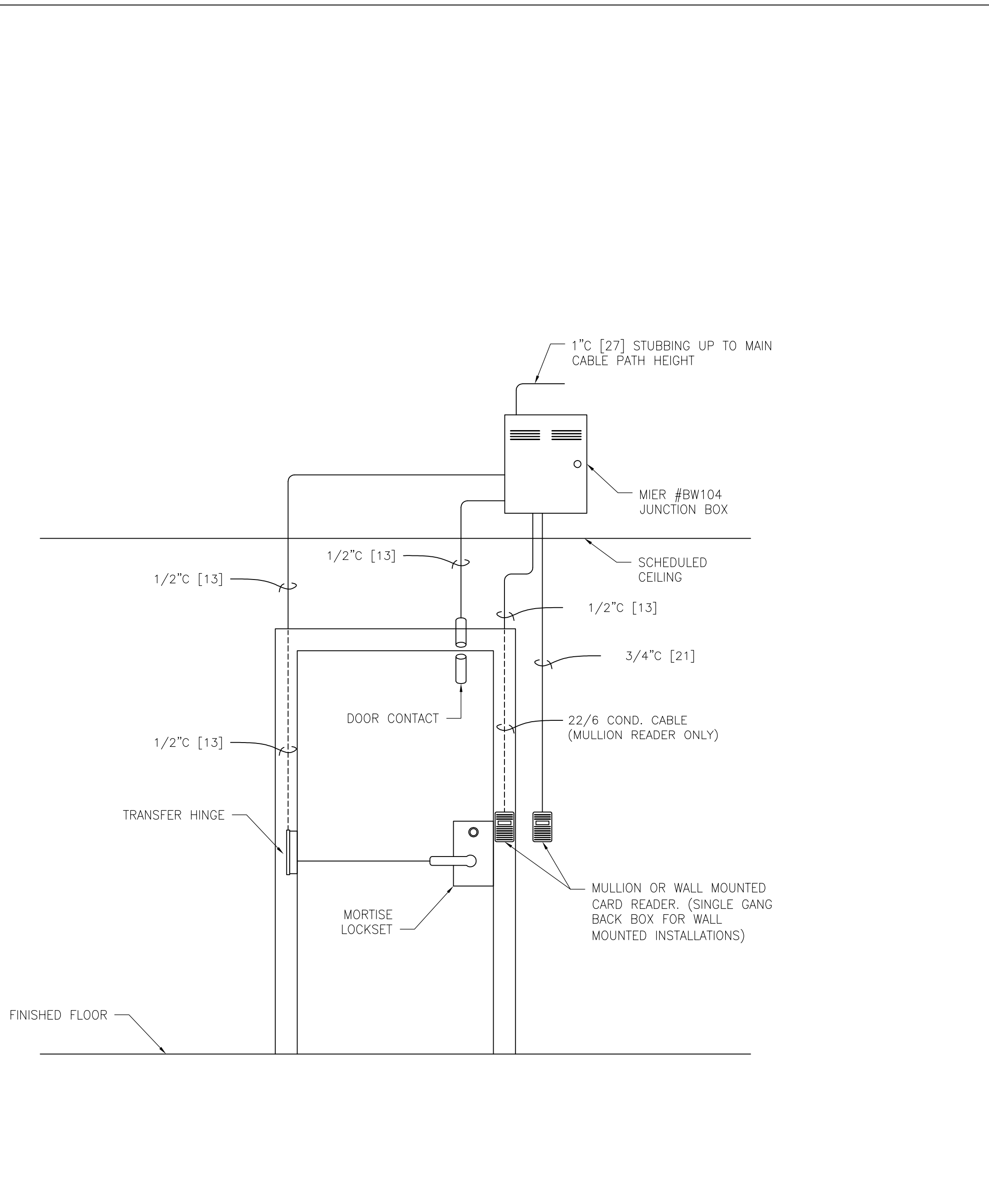
D1 ACCESS CONTROL - TYPICAL ELECTRIFIED STRIKE DOOR ELEVATION
SCALE: NOT TO SCALE



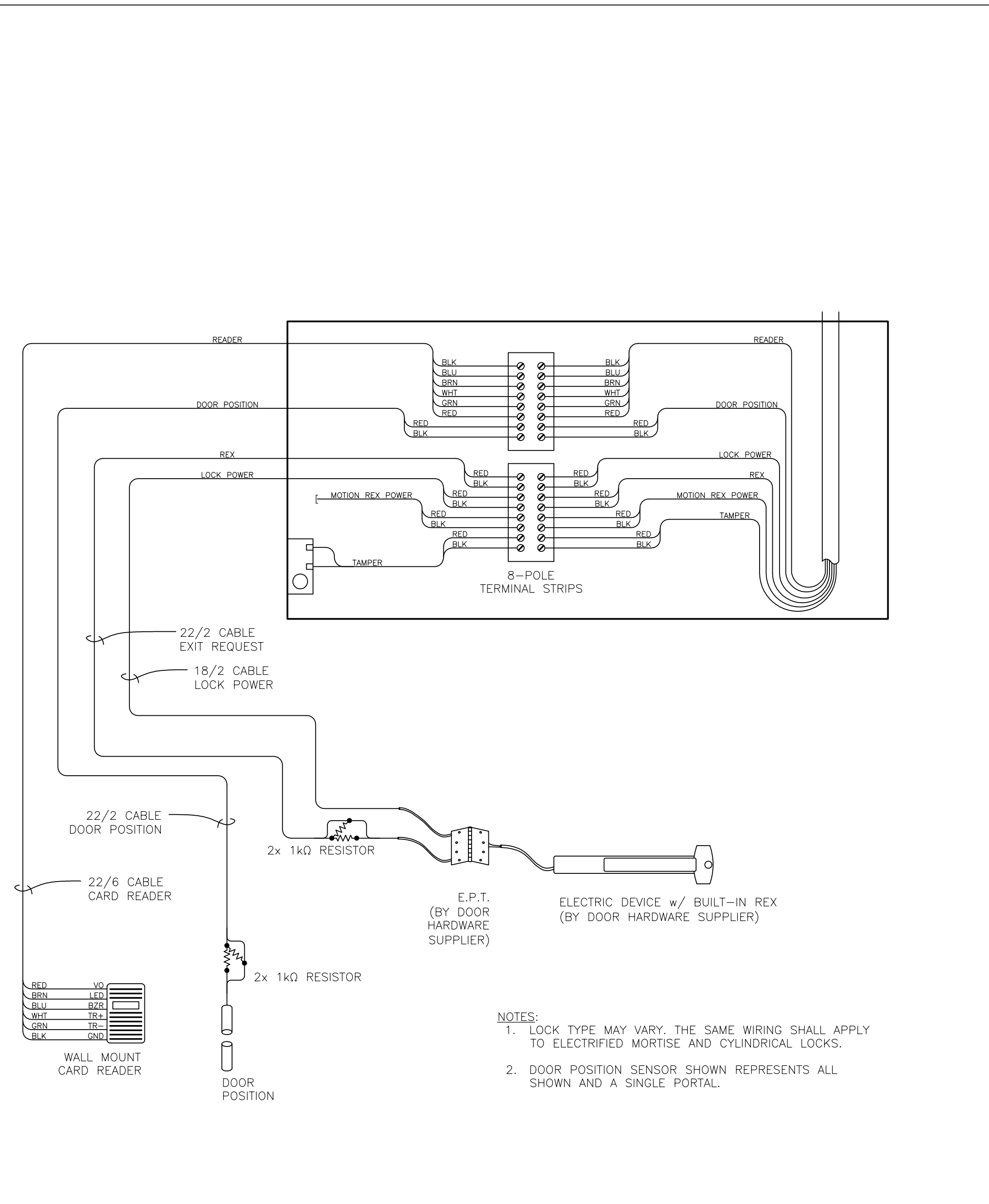
D2 WIRING DETAIL: ACCESS CONTROL - EXIT DEVICE w/ BUILT-IN REX (TYPICAL)
SCALE: NOT TO SCALE



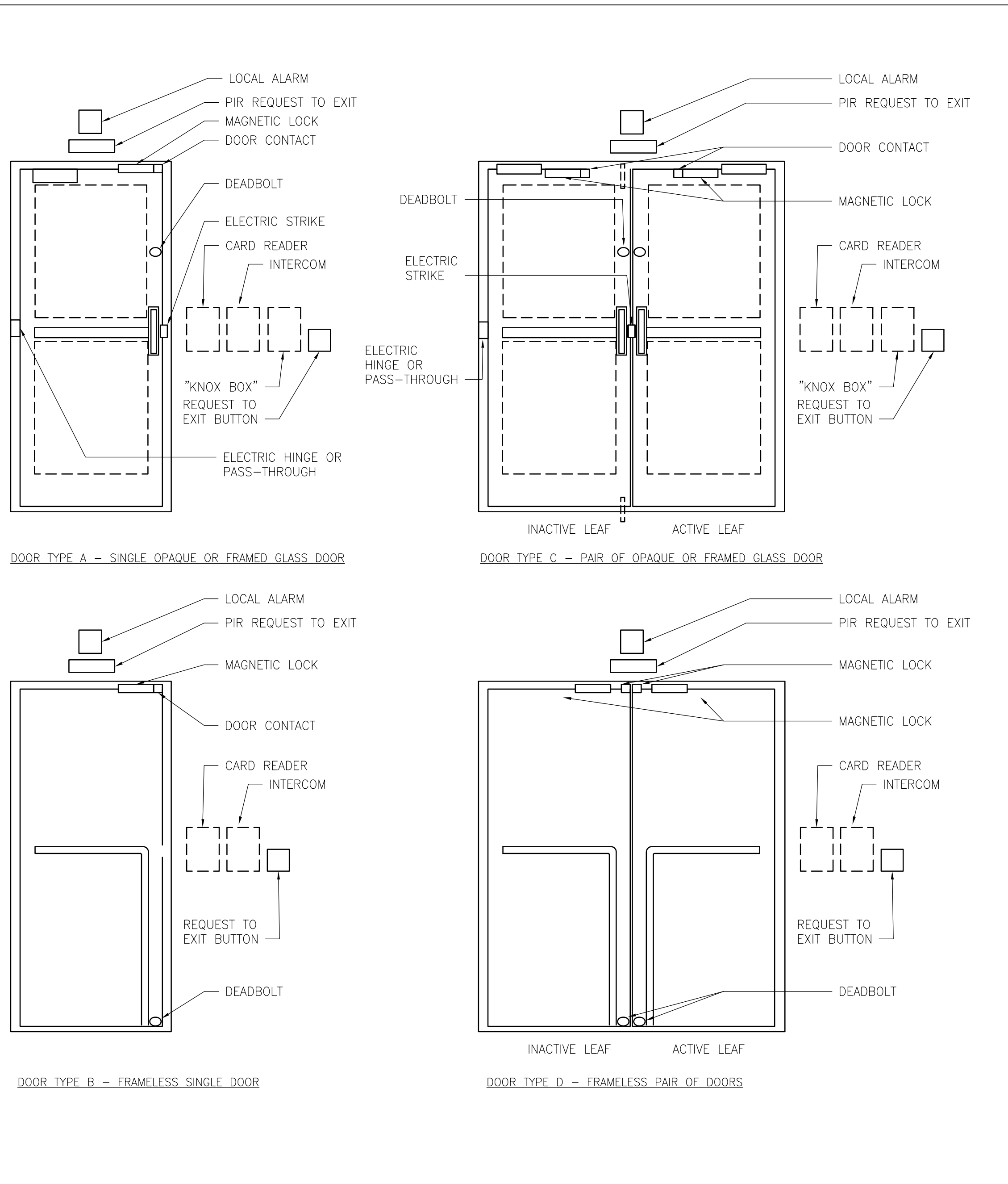
D3 ACCESS CONTROL - TYPICAL EXIT DEVICE DOOR ELEVATION
SCALE: NOT TO SCALE



D4 ACCESS CONTROL - TYPICAL MORTISE LOCK DOOR ELEVATION
SCALE: NOT TO SCALE



D5 WIRING DETAIL: ACCESS CONTROL - EXIT DEVICE w/ MOTION REX (TYPICAL)
SCALE: NOT TO SCALE



D6 STANDARD VA DOOR TYPES (TYPICAL)
SCALE: NOT TO SCALE

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NO.	DESCRIPTION	DATE

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ENGINEER OF RECORD

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CHERRY HILL, NEW JERSEY 08034
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MAGNA ENGINEERS, LLC
PROFESSIONAL ENGINEER

STATE OF KANSAS
PHILLIP B. JUETT
23706
LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
ELECTRICAL SECURITY PLAN DETAIL DRAWINGS

Approved: Project Director

Phase
100% BID SET

FULLY SPRINKLERED

Project Title
INSTALL NEW BOILERS IN BUILDING 13

Location
ROBERT J. DOLE VA MEDICAL CENTER
WICHITA, KANSAS

Issue Date
2021-08-03

Checked
PBJ

Drawn
JDS

Project Number
589A7-18-302

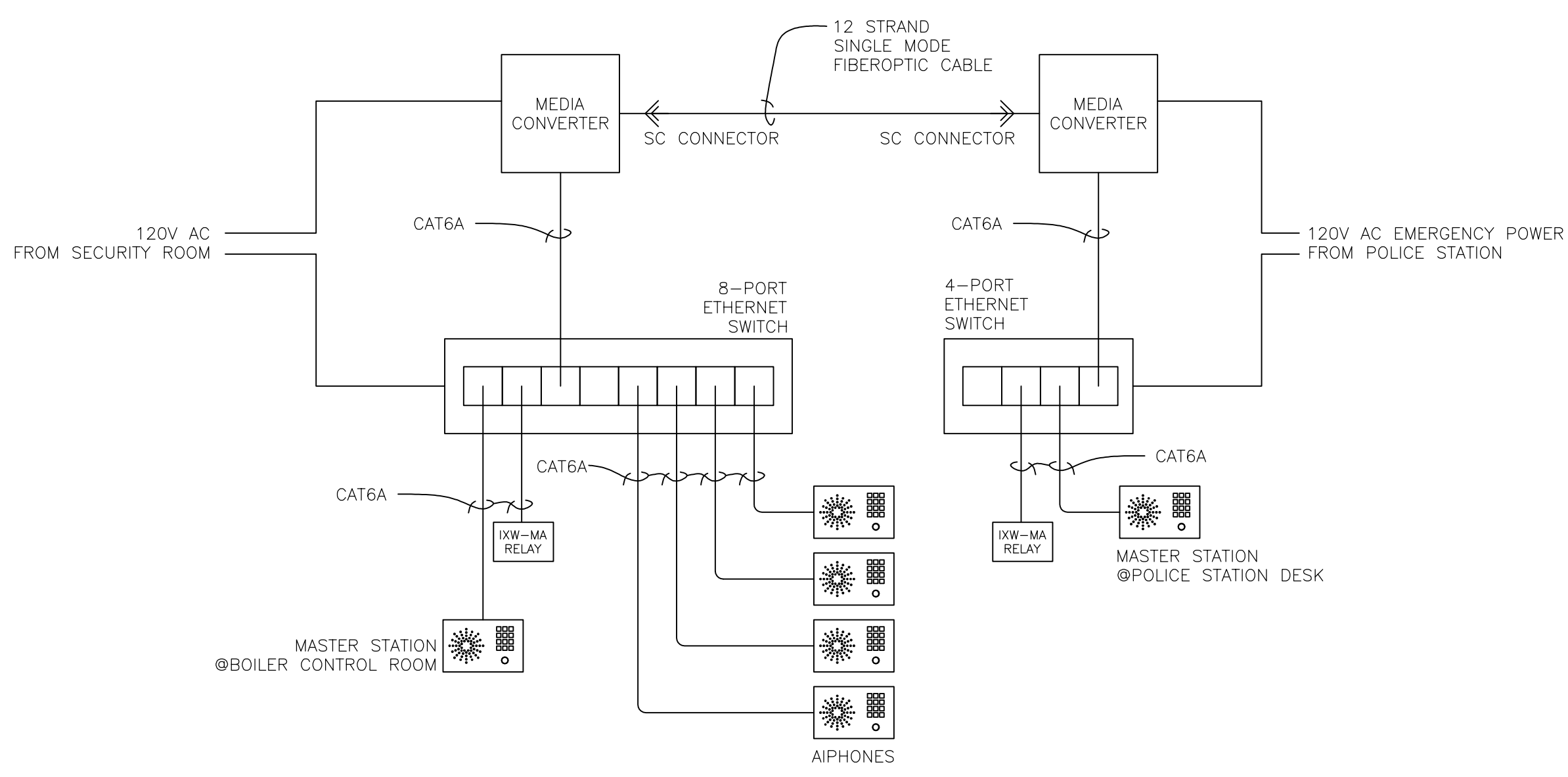
Building Number
13

Drawing Number
EY505

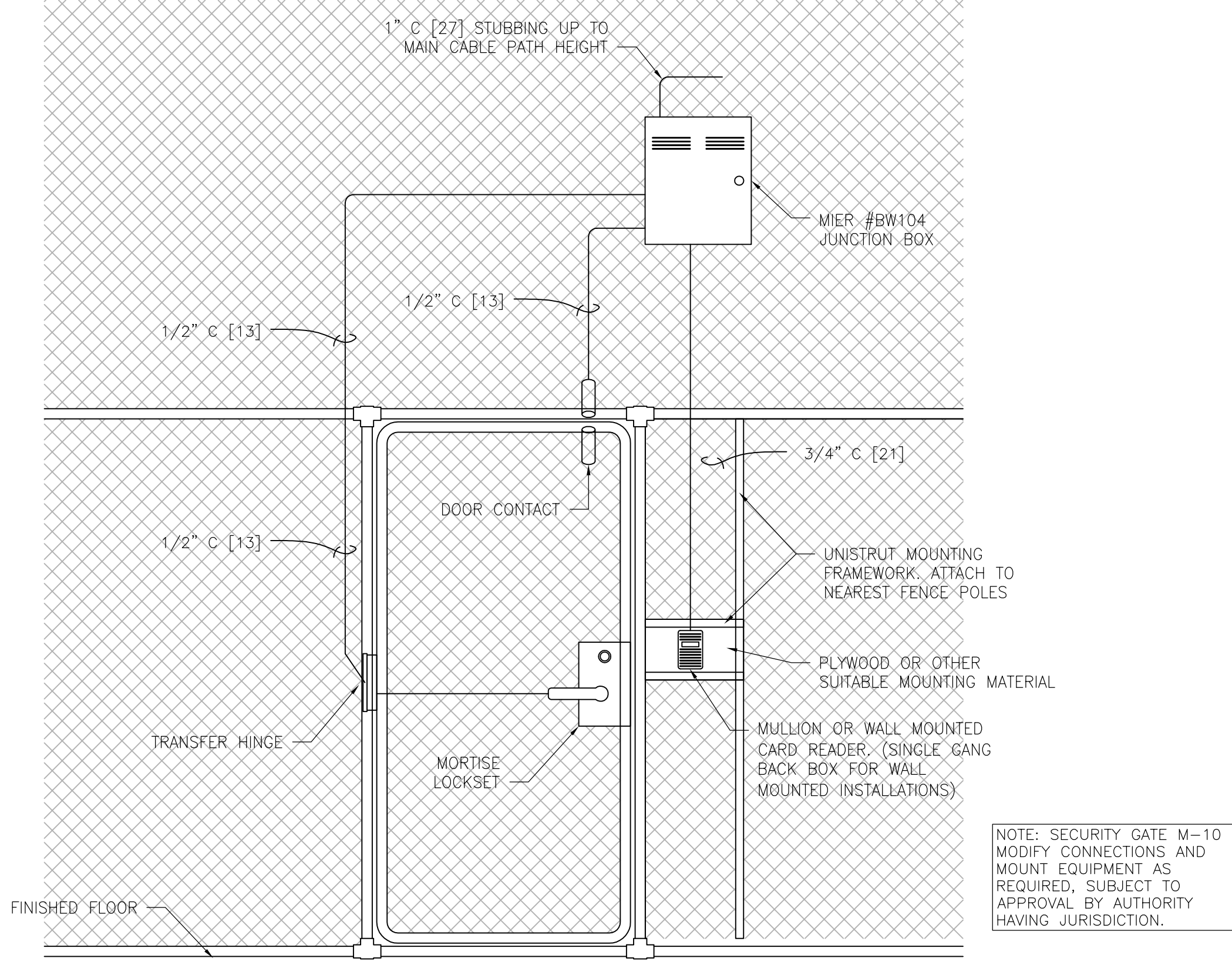
AIPHONE SYSTEM BOM

4 IX-DVF IP VIDEO DOOR STATION, SIP COMPATIBLE, VANDAL RESISTANT, FLUSH MOUNT, STAINLESS STEEL
 4 SBX-IDVF STAINLESS STEEL SURFACE MOUNT BOX FOR IS-SS/IS-DVF/IS-IPDVF, IX-DVF/IX-SSA
 2 IX-MV7-HB IP VIDEO MASTER STATION, SIP COMPATIBLE, WITH 7" TOUCHSCREEN, PRIVACY HANDSET, BLACK

FOR TECHNICAL ASSISTANCE CONTACT:
 DAVID MUNCE: DAVID.MUNCE@AIPHONE.COM
 HTTPS://WWW.AIPHONE.COM/WP-CONTENT/UPLOADS/IX-SERIES-2-NETWORK-SECURITY-SUMMARY.PDF



D1 CABLING DETAIL: AIPHONE IX SYSTEM
 SCALE: NOT TO SCALE



D2 ACCESS CONTROL - TYPICAL ELECTRIFIED STRIKE FENCE DOOR ELEVATION
 SCALE: NOT TO SCALE

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS

HAZARDOUS MATERIALS MABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050	FIRE SUPPRESSION KOPFEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246
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ENGINEER OF RECORD

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 MR PROJECT NO: 0499-0121

MAGNA ENGINEERS, LLC
 PROFESSIONAL ENGINEER

PHILLIP B. JUETT
 23706
 LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
 ELECTRICAL SECURITY PLAN
 DETAIL DRAWINGS

Approved: Project Director

Phase
 100% BID SET

FULLY SPRINKLERED

Project Title
 INSTALL NEW BOILERS IN BUILDING 13

Location: ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS

Issue Date: 2021-08-03

Checked: PBJ

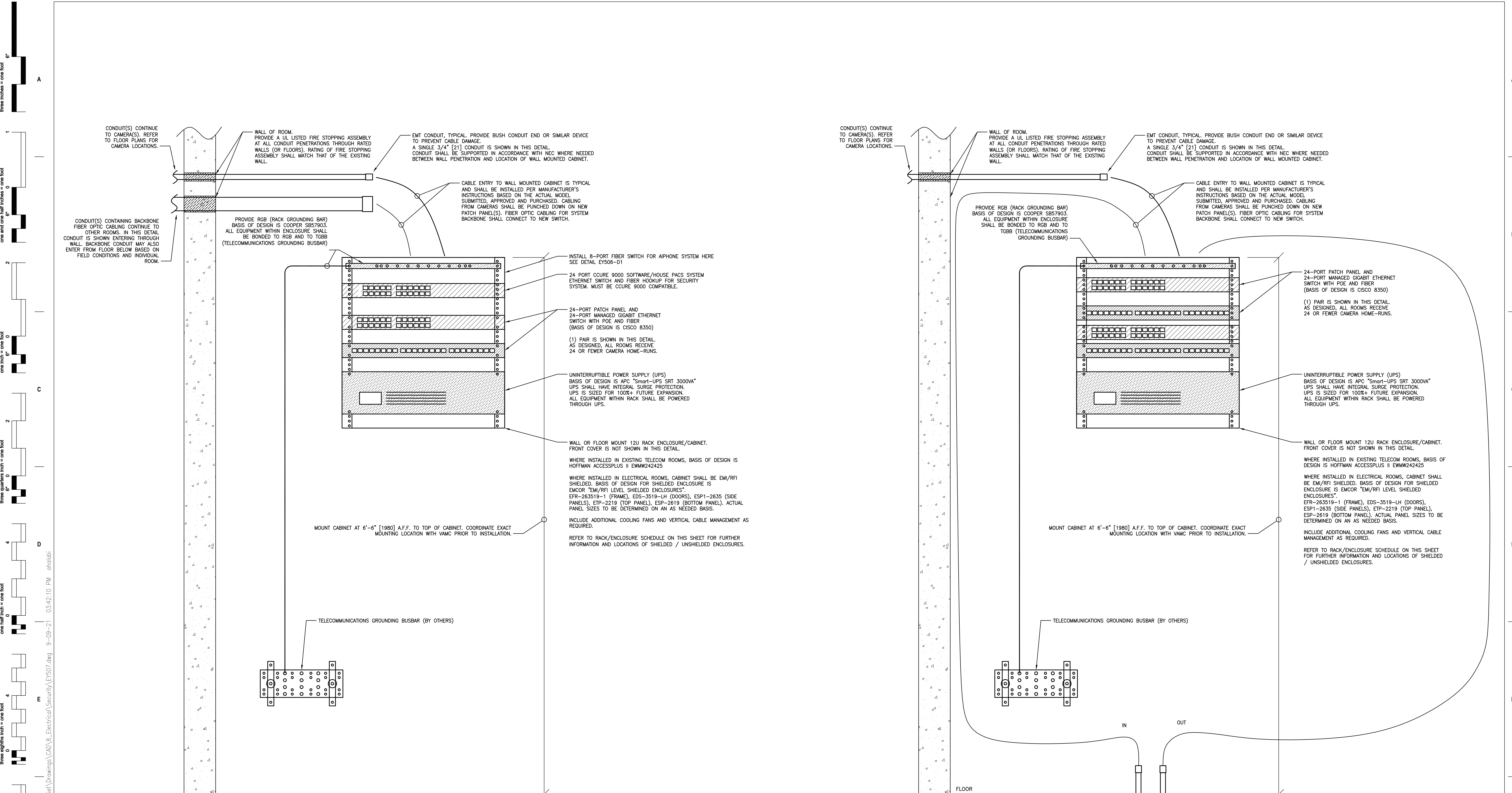
Drawn: JDS

Project Number
 589A7-18-302

Building Number
 13

Drawing Number
 EY506

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D1 DETAIL - VASS EQUIPMENT ENCLOSURE - BUILDING 13
SCALE: NOT TO SCALE

D2 DETAIL - VASS EQUIPMENT ENCLOSURE - BUILDING 16
SCALE: NOT TO SCALE

three inches = one foot
one and one half inches = one foot
one inch = one foot
three eighths 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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NO.	DESCRIPTION	DATE

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 PHILLIP B. JUETT
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title ELECTRICAL SECURITY PLAN DETAIL DRAWINGS	Phase 100% BID SET
Approved: Project Director	FULLY SPRINKLERED

Project Title INSTALL NEW BOILERS IN BUILDING 13	Project Number 589A7-18-302
Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS	Building Number 13
Issue Date 2021-08-03	Drawing Number EY507

Checked PBJ	Drawn JDS
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three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three eighths inch = one foot
 one half inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

CAMERA SCHEDULE					
CAMERA #	Device Type	Purpose	Mount	Features	Location
01	4x 4MP Multisensor, 2.8mm	Observe all corridors 360 degrees	Ceiling	Position at corridor 13-08 intersection	Building 13 interior
02	Fixed 4k	Facial Recognition	Wall	Facial Recognition & Card Reader	Building 13 exterior
03	Fixed 4k	Observe perimeter	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 13 exterior
04	Fixed 4k	Observe Boiler aisle	Wall	Behavior analytics (Crowd Formation, motion, aisle)	Building 13 interior
05	Fixed 4k	Observe Boiler aisle	Wall	Behavior analytics (Crowd Formation, motion, aisle)	Building 13 interior
06	Fixed 4k	Observe Boiler aisle	Wall	Behavior analytics (Crowd Formation, motion, aisle)	Building 13 interior
07	Fixed 4k	Facial Recognition	Wall	Facial Recognition & Card Reader	Building 13 exterior
08	Fixed 4k	Observe IT rm 13-05	Wall	Behavior analytics (Crowd Formation, motion, aisle)	Building 13 interior
09	Fixed 4k	Observe Security rm 13-02B	Wall	Behavior analytics (Crowd Formation motion, aisle)	Building 13 interior
10	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 13 exterior
11	Fixed 4k	Observe Boiler aisle	Wall	Behavior analytics (Crowd Formation, motion, aisle)	Building 13 interior
12	Fixed 4k	Observe Boiler aisle	Wall	Behavior analytics (Crowd Formation, motion, aisle)	Building 13 interior
13	Fixed 4k	Observe Boiler aisle	Wall	Behavior analytics (Crowd Formation, motion, aisle)	Building 13 interior
14	Fixed 4k	Observe Boiler aisle	Wall	Behavior analytics (Crowd Formation, motion, aisle)	Building 13 interior
15	4x 4MP Multisensor, 2.8mm	Observe perimeter 180 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 13 exterior
16	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 13 North ext
17	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 13 South ext
18	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 13 South ext
19	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 10 South exterior
20	N/A	Not used	N/A	N/A	N/A
21	N/A	Not used	N/A	N/A	N/A
22	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 12 exterior
23	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 20 North exterior
24	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 20 South exterior
25	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 10 South exterior
26	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 16 South exterior
27	4x 4MP Multisensor, 2.8mm	Observe perimeter 270 degrees	Wall	Behavior analytics (Crowd Formation, motion, perimeter)	Building 16 North exterior
28	Fixed 4k	Observe Bld 3 Headend Camera Equipment	Ceiling	Behavior analytics (Crowd Formation, motion, aisle)	Building 3 interior
29	Fixed 4k	Facial Recognition	Wall	Facial Recognition & Card Reader	Building 13 exterior Door 201
30	4x 4MP Multisensor, 2.8mm	Observe perimeter 360 degrees	Fence	Behavior analytics (Crowd Formation, motion, perimeter)	North of Building 13 ext

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PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.		
NO.	DESCRIPTION	DATE

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HAZARDOUS MATERIALS HABBETT & ASSOCIATES, INC. 105 CENTRAL STREET, STONEHAM, MA 02180 PHONE: (781)275-8050 CIVIL / STRUCTURAL PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA, WICHITA, KS 67202 PHONE: (316)262-2891 ARCHITECTURAL OCULUS INC. 1 SOUTH MEMORIAL DRIVE, SUITE 1500, SAINT LOUIS, MO 63102 PHONE: (314)367-6100	FIRE SUPPRESSION KOFTEL ASSOCIATES 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 PHONE: (410)750-2246 ELECTRONIC SECURITY MAGNA ENGINEERS 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990 PHYSICAL SECURITY FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 PHONE: (502)938-4232

ENGINEER OF RECORD

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MAGNA ENGINEERS, LLC
 PROFESSIONAL ENGINEER

Office of
 Construction
 and Facilities
 Management

VA U.S. Department of Veterans Affairs

Drawing Title
ELECTRICAL SECURITY PLAN CAMERA SCHEDULE

Approved: Project Director

Phase
 100% BID SET

FULLY SPRINKLERED

Project Title
INSTALL NEW BOILERS IN BUILDING 13

Location ROBERT J. DOLE VA MEDICAL CENTER WICHITA, KANSAS

Issue Date 2021-08-03

Checked PBJ

Drawn JDS

Project Number 589A7-18-302

Building Number 13

Drawing Number **EY701**