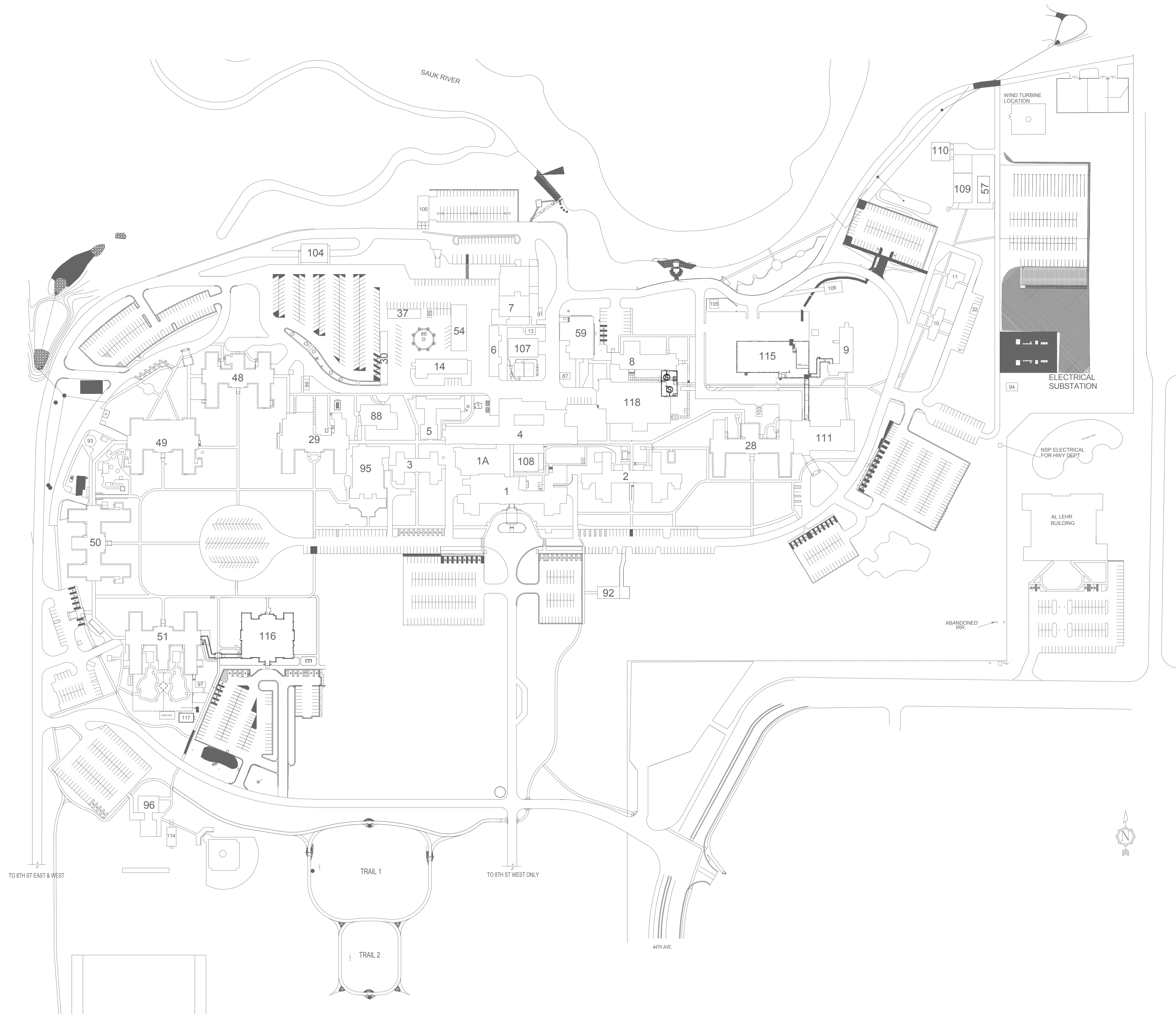


UPGRADE PUBLIC ADDRESS SYSTEM

St. Cloud VA Health Care System Main Campus, St. Cloud, Minnesota



GENERAL CONDITIONS

All dimensions on drawings are approximate; Drawings are not to be scaled. It is the responsibility of the contractor to verify all field conditions and physical dimensions that influence the construction area.

It is recommended that contractors visit the proposed construction site prior to submitting their bids and they are encouraged to do so.

Contractor shall adhere strictly to State and Federal Occupational Safety and Health Administration (OSHA) Standards.

Contractor shall park only in the designated parking areas and are not to park on the lawn areas; the only exception is to load or unload supplies or equipment.

Contractor is responsible for the safeguarding of their tools and equipment. All tools and equipment are not to be left unattended and are to be secured at all times when the contractor is not present, or the construction site is not supervised by the contractor.

All VA property is to be safeguarded from damage. Any damaged VA property is to be restored to original condition prior to damage or replaced completely. This includes installation, labor, and procurement expenses.

All demolished material becomes the property and the responsibility of the contractor with the exception of specified items designated either in the plans or verbally requested by the COR to be retained by the VA. Offsite disposal of the demolished items is the responsibility of the contractor.

Contractor must control demolition and construction dust from facility by erecting a dust barrier and ventilation with hepa filters. If venting to outside, the contractor will insure negative air pressure is maintained in encapsulated work area. When transporting debris, wet down sufficiently to prevent dust spreading.

If scaffolding is used, it must be used in accordance with (OSHA) regulations and is to be enclosed for the first eight feet above ground at end of each working day, until dismantled. Ladders must be removed and locked up at the end of each working day to prevent unauthorized persons from having access.

Clean all debris from construction site to the satisfaction of the COR.

Contractor is responsible for erecting a barrier around work site to prevent patients, staff and visitors from entering construction site. This fence may be a plastic snow fence. Coordinate construction materials and location of fence with COR.

Contractor is responsible for repairing and replacing any damaged lawn. The restoration will be performed by a landscape contractor that regularly does sodding as part of their business. All damaged lawn will be overcut by 6" or more to accommodate full width rolls of sod. Top soil to be tilled and graded to a smooth matching grade of undamaged lawn. Sod to be thoroughly saturated with water upon placement. The contractor is responsible for watering new sod until project acceptance by the COR.

Access to all buildings and parking areas must be maintained throughout the project.

Contractors are to coordinate all work with the Contracting Officers Representative. (C.O.R.)

Contractor may park 1 (one) semi trailer in the lot near the wind turbine. The Contractor may park up to 4 (four) worker vehicles in the lot near the wind turbine. The Contractor may place 2 (two) dumpsters in the lot near the wind turbine provided they are covered and locked.

1/24/2019 12:11:15 PM

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Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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AE PROJECT NUMBER: Project Number

STAMP
 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 Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE COVER SHEET	
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLLOT SCALE
PROJECT NO.		
BUILDING NO.	CHECKED BY CP	DRAWN CG
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE	DRAWING NO. ET.000

VA **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System

SYMBOL SCHEDULE NOTES

- A. THESE SYMBOLS COMPRISE A STANDARD LIST, NOT ALL SYMBOLS MAY APPEAR ON THESE DRAWINGS.
- B. MOUNTING HEIGHTS INDICATED ARE STANDARD. DIMENSIONAL NUMBERS INDICATED AT DEVICES SHALL OVERRIDE THESE STANDARDS. MOUNTING HEIGHTS ARE TO THE CENTER OF THE DEVICE, UNLESS NOTED OTHERWISE.
- C. MOUNTING HEIGHTS INDICATED ARE FOR STUD WALL CONSTRUCTION. WHEN BLOCK OR BRICK CONSTRUCTION IS USED, ADJUST MOUNTING HEIGHTS TO ALIGN DEVICE PLATES WITH RUNNING JOINT.
- D. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.

GENERAL

- HEAVY DASHED LINE WEIGHT INDICATES EXISTING ITEM TO BE REMOVED.
- LIGHT SOLID LINE WEIGHT INDICATES EXISTING ITEM TO REMAIN.
- HEAVY SOLID LINE WEIGHT INDICATES NEW ITEM OR NEW LOCATION.
- R REMOVE EXISTING ITEM
- RL REMOVE EXISTING ITEM AND RELOCATE AS INDICATED
- X EXISTING ITEM TO REMAIN
- NL NEW LOCATION FOR RELOCATED ITEM

NOTES & TAGS

- EQUIPMENT IDENTIFICATION TAG - SEE EQUIPMENT SCHEDULES
- FEEDER SIZE TAG - SEE POWER RISER SCHEDULE
- ELEC EQUIP CONNECTION TAG - SEE EQUIPMENT SCHEDULE
- KEYNOTE
- MISCELLANEOUS NOTE
- LIGHTING CONTROL SEQUENCE - SEE SCHEDULE

RACEWAYS

- CONDUIT CONCEALED IN CEILING OR WALLS
- CONDUIT CONCEALED IN THE FLOOR OR BELOW
- CONDUIT EXPOSED ON THE CEILING OR WALLS
- CONDUIT BURIED UNDERGROUND (# = DEPTH)
- CONDUIT WITH BEND DOWN
- CONDUIT WITH BEND UP
- CONDUIT WITH BUSHED END
- CONDUIT WITH BREAK OR CONTINUATION
- CIRCUIT HOME RUN - L1 INDICATES PANEL NUMBER
- CONDUCTOR COUNT - UNLESS NOTED OTHERWISE / SHORT HASH INDICATES #12 LINE / LONG HASH INDICATES #12 NEUTRAL / HASH W/DOT INDICATES #12 GROUND
- PULL BOX, SIZE AS NOTED
- JUNCTION BOX - WALL/CEILING MOUNT
- WIREWAY, DUCT BANK, OR FLOOR DUCT AS NOTED
- CABLE TRAY, TYPE/SIZE AS INDICATED

SYMBOL DESIGNATIONS MTG HT

LIGHTING

- LIGHT FIXTURE ID - REFER TO LIGHT FIXTURE SCHEDULE (SCHEDULE OVERRIDES SYMBOL ABBREVIATION)
- A - INDICATES LIGHT FIXTURE TYPE
- # - INDICATES CIRCUIT NUMBER
- b - INDICATES SWITCHING
- LIGHT FIXTURE CIRCUIT TYPE
- NO HATCH INDICATES NORMAL CIRCUIT
- ANGLED HATCH INDICATES CRITICAL CIRCUIT
- SOLID HATCH INDICATES LIFE SAFETY CIRCUIT
- TROFFER TYPE LIGHT FIXTURE, SIZE AS INDICATED - CEILING MOUNT
- CHANNEL OR INDUSTRIAL, LENGTH AS INDICATED
- CHANNEL OR INDUSTRIAL WALL MOUNT, LENGTH AS INDICATED
- ROUND DOWNLIGHT, RECESSED OR SURFACE MOUNT
- SQUARE DOWNLIGHT, RECESSED OR SURFACE MOUNT
- CEILING WALL WASH FIXTURE OR TRACK HEAD
- SMALL MOUNT FIXTURE OR SCENCE
- LINEAR SUSPENDED, LENGTH AS INDICATED
- LINEAR RECESSED, LENGTH AS INDICATED
- ROUND OR SQUARE PENDANT
- TAPE OR ROPE LIGHT
- UNDER CABINET FIXTURE, LENGTH AS INDICATED
- TRACK FIXTURE, NUMBER OF HEADS AS INDICATED
- VANITY FIXTURE
- EMERGENCY BATTERY LIGHT - WALL/CEILING MOUNT
- EXIT LIGHT, FILLED QUADRANT INDICATES FACES - WALL/CEILING MOUNT
- WALL PACK
- FLAG OR FLOOD LIGHT
- SITE LIGHTING POLE FIXT, ROUND/RECTANGLE HEAD - NUMBER OF HEADS INDICATED
- SITE LIGHTING ROUND OR SQUARE BOLLARD

POWER

- BRANCH CIRCUIT PANEL
- EQUIPMENT CABINET
- TRANSFORMER
- MOTOR OR MOTOR CONNECTION
- MOTOR CONTROLLER, STARTER OF VFD
- COMBINATION STARTER & DISCONNECT SWITCH
- DISCONNECT SWITCH
- MOTOR RATED TOGGLE
- MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD
- DUPLEX RECEPTACLE - WALL/CEILING MOUNT
- EMERGENCY DUPLEX RECEPTACLE - WALL/CEILING MOUNT
- SPLIT DUPLEX RECEPTACLE - WALL/CEILING MOUNT
- EMERGENCY SPLIT DUPLEX RECEPTACLE - WALL/CEILING MOUNT
- SIMPLEX RECEPTACLE - WALL/CEILING MOUNT
- EMERGENCY SIMPLEX RECEPTACLE - WALL/CEILING MOUNT
- QUADPLEX RECEPTACLE - WALL/CEILING MOUNT
- EMERGENCY QUADPLEX RECEPTACLE - WALL/CEILING MOUNT
- GFI RECEPTACLE, DUPLEX/QUADPLEX - WALL MOUNT
- GFI RECEPTACLE, DUPLEX/QUADPLEX - CEILING MOUNT
- DUPLEX RECEPTACLE - CONTROLLED - WALL/CEILING MOUNT
- SPECIAL PURPOSE RECEPTACLE - WALL/CEILING MOUNT
- EMERGENCY SPECIAL PURPOSE RECEPTACLE - WALL/CEILING MOUNT
- FLOOR BOX - DEVICES AS INDICATED
- POWER POLE - DEVICES AS INDICATED
- GROUND REFERENCE BUS - AS NOTED - WALL/CEILING MOUNT

SYMBOL DESIGNATIONS MTG HT

SWITCHES AND CONTROLS

- SINGLE POLE TOGGLE SWITCH
- DOUBLE POLE TOGGLE SWITCH
- THREE WAY TOGGLE SWITCH
- FOUR WAY TOGGLE SWITCH
- TOGGLE SWITCH - "a" INDICATES SWITCHING
- PILOT LIGHT TOGGLE SWITCH
- ILLUMINATED TOGGLE - TOGGLE SWITCH
- KEYED SWITCH
- MOMENTARY CONTACT TOGGLE SWITCH
- TIMER SWITCH
- MULTI GANG BOX
- DIMMER SWITCH (# = WATTAGE)
- PUSH BUTTON SWITCH
- OCCUPANCY SENSOR - CLG MOUNT
- OCCUPANCY SENSOR WALL SWITCH
- PHOTO ELECTRIC CELL
- TIME CLOCK
- CONTACTOR
- RELAY
- PUSH BUTTON STATION - BUTTONS AS INDICATED

FIRE ALARM

- MANUAL PULL STATION
- HEAT DETECTOR (#=FIXED TEMP, R=RATE OF RISE)
- SMOKE DETECTOR (#=PHOTOELEC, I=IONIZATION)
- DUCT MOUNTED PHOTOELECTRIC DETECTOR
- BEAM DET (B-T=TRANSMITTER, B-R=RECEIVER)
- COMBINATION SMOKE DETECTOR AND ALARM
- REMOTE STATION - WALL/CEILING MOUNT
- REMOTE INDICATOR LAMP - WALL/CEILING MOUNT
- FLOW SWITCH
- TAMPER SWITCH
- CONTROL MODULE
- CONTROL MODULE
- FIRE/SMOKE DAMPER CONNECTION
- DOOR HOLD OR DOOR HOLD CONNECTION
- FIREMAN'S STATION - WALL MOUNT
- STROBE - WALL/CEILING MOUNT (# = CANDELA)
- BELL - WALL/CEILING MOUNT
- BELL/STROBE - WALL/CEILING MOUNT (# = CANDELA)
- CHIME - WALL/CEILING MOUNT
- CHIME/STROBE - WALL/CEILING MOUNT (# = CANDELA)
- HORN - WALL/CEILING MOUNT
- HORN/STROBE - WALL/CEILING MOUNT (# = CANDELA)
- SPEAKER - WALL/CEILING MOUNT
- SPEAKER/STROBE - WALL/CEILING MOUNT (# = CANDELA)
- COMBINATION FIRE ALARM/MASS NOTIFICATION SPEAKER/STROBE - WALL/CEILING MOUNT (# = CANDELA)
- FIRE ALARM CONTROL PANEL - WALL MOUNT

SYMBOL DESIGNATIONS MTG HT

SIGNALS COMMUNICATIONS

- DATA BOX - WALL MOUNT (# = WIRE COUNTS)
- VOICE/DATA BOX - WALL MOUNT/FLOOR BOX (# = WIRE COUNTS)
- VOICE BOX - WALL MOUNT (# = WIRE COUNTS)
- DOUBLE GANG VOICE BOX - HIGH WALL MOUNT
- WIRELESS DATA HUB - WALL/CEILING MOUNT
- SPEAKER - WALL/CEILING MOUNT
- HORN SPEAKER - WALL MOUNT
- VOLUME SWITCH - WALL MOUNT
- AUDIO JACK (M=MICROPHONE, A=AUXILIARY)
- WALL INTERCOM STATION (M=MASTER, R=REMOTE)
- BELL - WALL/CEILING MOUNT
- CHIME - WALL/CEILING MOUNT
- CLOCK - WALL/CEILING MOUNT (# = DIAMETER)
- PROJECTOR/VIDEO CAMERA/DOCUMENT CAMERA
- HORN SPEAKER - WALL MOUNT
- TV SYSTEM OUTLET - WALL/CEILING MOUNT
- AUDIO VIDEO SYSTEM OUTLET - WALL/CEILING MOUNT
- AV SYSTEMS CONTROLLER - WALL MOUNT
- ANNUNCIATOR PANEL - WALL MOUNT

SECURITY

- SECURITY - WALL MOUNT - TYPICAL
- CR - CARD READER
- KP - KEY PAD
- KS - KEY SWITCH
- SECURITY - CEILING MOUNT - TYPICAL
- RX - REQUEST TO EXIT
- EM - ELECTRIC STRIKE
- EL - ELECTRIC LOCK
- ML - MAGNETIC LOCK
- TH - POWER TRANSFER HINGE
- SECURITY CAMERA - WALL/CEILING MOUNT
- SECURITY PANEL - WALL MOUNT
- EP - EXIT PUSHBUTTON
- M - MASTER STATION
- DC - DOOR CONTACT
- ODC - OVERHEAD DOOR CONTACT
- MS - MONITOR STRIKE
- MD - MOTION DETECTOR
- GB - GLASS BREAKER DETECTOR

NURSE CALL

- NURSE CALL - WALL MOUNT - TYPICAL
- AJ - AUXILIARY INPUT STATION
- ANN - ANNUNCIATOR PANEL
- BD - PATIENT BED STATION
- C - CODE BLUE STATION
- C/S-A - CODE BLUE/STAFF ASSIST COMBINATION STATION
- C-B - CODE BABY STATION
- C-B/S-A - CODE BABY/STAFF ASSIST COMBINATION STATION
- CC - CALL CANCEL
- LOCATOR ANTENNA
- DOME LIGHT - WALL/CEILING MOUNT (BLANK = 4 LIGHTS, # = NUMBER OF LIGHTS, Z = ZONE INDICATOR LIGHTS)
- NURSE CALL PANEL - WALL MOUNT
- D - DUTY STATION
- E - EMERGENCY PULL STATION
- M - MASTER STATION
- M1 - SECONDARY MASTER STATION
- P - PATIENT STATION (ENHANCED)
- P1 - PATIENT STATION (BASIC)
- SA - STAFF ASSIST STATION
- TV - PATIENT TV STATION
- WF - WORK FLOW (TOUCH SCREEN)
- WF1 - WORK FLOW (4-BUTTON)

ELECTRICAL SHEET LIST

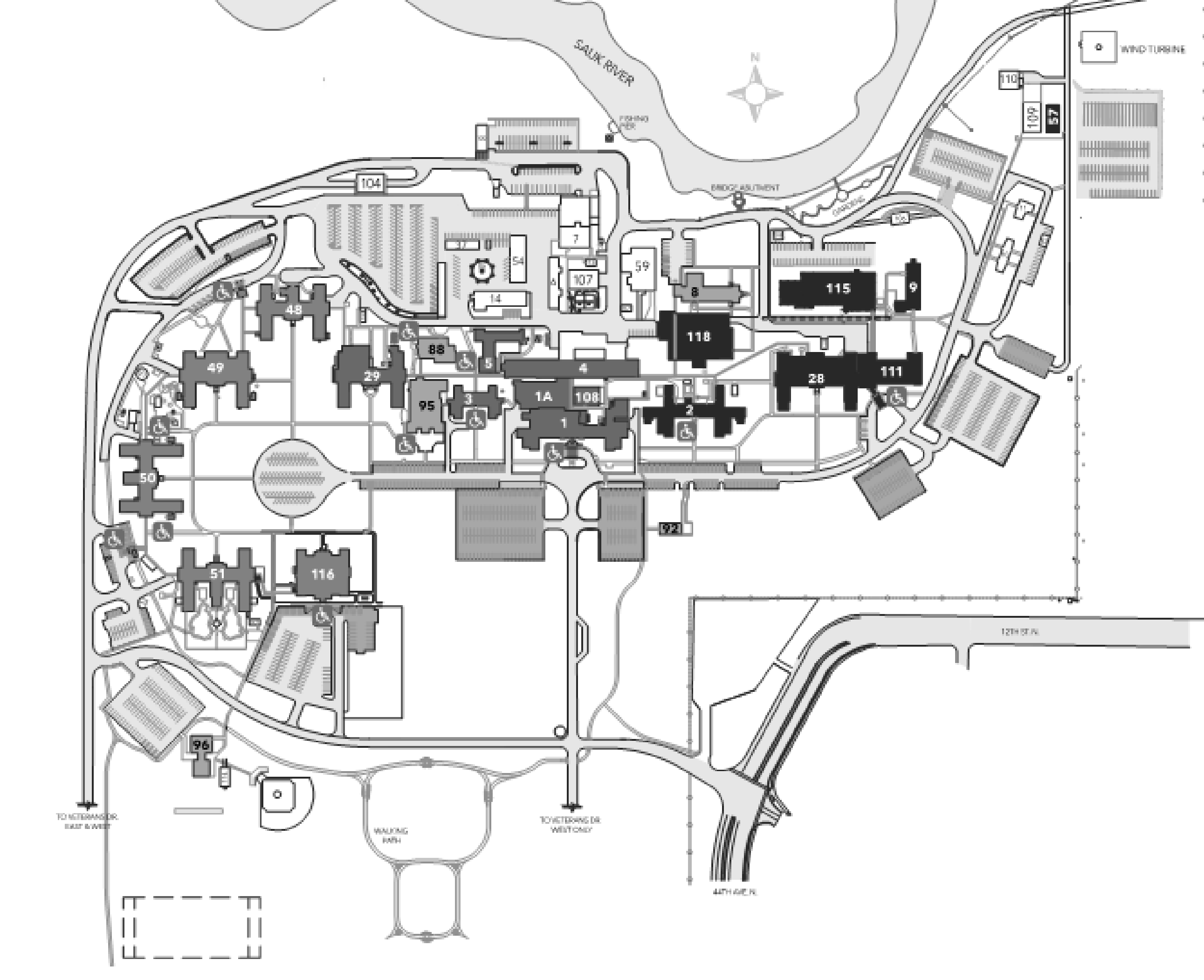
SHEET NUMBER	SHEET NAME
ET 000	COVER SHEET
E000	ELECTRICAL TITLE SHEET
ET 101	SITE PLAN
ED01-00	BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED01-01	BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED01-02	BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED01-03	BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - THIRD FLOOR
ED02-00	BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED02-01	BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED02-02	BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED03-01	BUILDING 03 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST AND SECOND FLOOR
ED04-00	BUILDING 04 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED04-01	BUILDING 04 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED04-02	BUILDING 04 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED05-01	BUILDING 05 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED06-01	BUILDING 06 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED07-01	BUILDING 07 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED08-00	BUILDING 08 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED08-01	BUILDING 08 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED08-02	BUILDING 08 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED09-00	BUILDING 09 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT, FIRST AND SECOND FLOOR
ED10-00	BUILDING 10 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT, FIRST & SECOND FLOORS
ED11-00	BUILDING 11 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT, FIRST & SECOND FLOORS
ED14-01	BUILDING 14 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED28-00	BUILDING 28 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED28-01	BUILDING 28 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED29-00	BUILDING 29 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED29-01	BUILDING 29 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED29-02	BUILDING 29 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED48-00	BUILDING 48 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED48-01	BUILDING 48 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED48-02	BUILDING 48 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED49-00	BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED49-01	BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED49-02	BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED50-00	BUILDING 50 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED50-01	BUILDING 50 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED50-02	BUILDING 50 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED51-00	BUILDING 51 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED51-01	BUILDING 51 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED51-02	BUILDING 51 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED59-00	BUILDING 59 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
ED59-01	BUILDING 59 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED59-02	BUILDING 59 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
ED109-01	BUILDING 109 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED111-01	BUILDING 111 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
ED7001	BUILDING LINK - B29 TO B48 & B48 TO B49 - DEMOLITION AND NEW PLANS
ED7002	BUILDING LINK - B49 TO B50 - DEMOLITION AND NEW PLANS
ED7003	BUILDING LINK - B50 TO B51 - DEMOLITION AND NEW PLANS
ED7004	BUILDING LINK - B2 TO B4 TO B8 - DEMOLITION AND NEW PLANS
ED7005	BUILDING LINK - B2 TO B28 - DEMOLITION AND NEW PLANS
ET01-00	BUILDING 01 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET01-01	BUILDING 01 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET02-00	BUILDING 02 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET03-00	BUILDING 03 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET03-01	BUILDING 03 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET03-02	BUILDING 03 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR

ELECTRICAL SHEET LIST

SHEET NUMBER	SHEET NAME
ET04-00	BUILDING 04 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET04-02	BUILDING 04 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
ET05-01	BUILDING 05 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET06-01	BUILDING 06 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET07-01	BUILDING 07 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET08-00	BUILDING 08 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET08-01	BUILDING 08 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET08-02	BUILDING 08 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
ET09-00	BUILDING 09 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET10-00	BUILDING 10 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET14-01	BUILDING 14 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET28-00	BUILDING 28 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET29-00	BUILDING 29 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET48-00	BUILDING 48 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET49-00	BUILDING 49 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET50-00	BUILDING 50 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET50-01	BUILDING 50 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET51-01	BUILDING 51 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET54-01	BUILDING 54 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET57-01	BUILDING 57 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET59-00	BUILDING 59 - PAGING SPEAKER FLOOR PLAN - BASEMENT & FIRST FLOOR
ET109-01	BUILDING 109 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET115-01	BUILDING 115 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET116-01	BUILDING 116 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
ET118-00	BUILDING 118 - PAGING SPEAKER FLOOR PLAN - BASEMENT
ET 401	ENLARGED COMMUNICATION ROOM PLANS
ET 402	ENLARGED COMMUNICATION ROOM PLANS
ET 403	ENLARGED COMMUNICATION ROOM PLANS
ET 404	ENLARGED COMMUNICATION ROOM PLANS
ET 405	ENLARGED COMMUNICATION ROOM PLANS
ET 406	ENLARGED COMMUNICATION ROOM PLANS
ET 407	ENLARGED COMMUNICATION ROOM PLANS
ET 408	ENLARGED COMMUNICATION ROOM PLANS
ET 409	ENLARGED COMMUNICATION ROOM PLANS
ET 501	PUBLIC ADDRESS NETWORK RISER

SHEET TOTAL: 84

ST. CLOUD VA MEDICAL CENTER DIRECTORY



2 VA ST CLOUD - ORIENTATION MAP
12" = 1'-0"

ELECTRICAL ABBREVIATIONS

A	AMP	C	CONDUIT OR CONTROLLED RECEPT	EWC	ELECTRIC WATER COOLER	MC	MOMENTARY CONTACT	PE	PNEUMATIC ELECTRIC	TSTAT	THERMOSTAT
AA	AUDIBLE ALARM	CAB	CABINET	F	FUSE OR FUSED	MCB	MAIN CIRCUIT BREAKER	PF	POWER FACTOR	TYP	TYPICAL
AC	ABOVE COUNTER	CB	CIRCUIT BREAKER	FA	FIRE ALARM	MLO	MAIN LUG ONLY	PH	PHASE	UC	UNDER COUNTER
ADD	ADDENDUM	CCTV	CLOSED RATED TV	FACP	FIRE ALARM CONTROL PANEL	MRS	MOTOR RATED SWITCH	PNL	PANEL	UG	UNDERGROUND
AFC	AVAILABLE FAULT CURRENT	CKT	CIRCUIT	FSD	FIRE-SMOKE DAMPER	MSB	MAIN SWITCHBOARD	PRI	PRIMARY	UH	UNIT HEATER
AFCI	ARC FAULT CIRCUIT INTERRUPTER	CU	COPPER	FV	FILM VIEWER	MT	EMPTY	RECEPT	RECEPTACLE	UNO	UNLESS NOTED OTHERWISE
AFF	ABOVE FINISHED FLOOR	DN	DOWN	G, GND	GROUND	NC	NORMALLY CLOSED	REFG	REFRIGERATOR	USB	UNIVERSAL SERIAL BUS
AHU	AIR HANDLING UNIT	EC	ELECTRICAL CONTRACTOR	GFI	GROUND FAULT INTERRUPTER	NEC	NATIONAL ELECTRICAL CODE	RTU	ROOF TOP UNIT	V	VOLT
AL	ALUMINUM	ELEC	ELECTRIC OR ELECTRICAL	IG	ISOLATED GROUND	NIC	NOT IN CONTRACT	SEC	SECONDARY	VA	VOLT-AMP
ANT	ANTENNA	EM	EMERGENCY	JBOX	JUNCTION BOX	NO	NORMALLY OPEN	SPKR	SPEAKER	VAC	VOLTS ALTERNATING CURRENT
ATS	AUTOMATIC TRANSFER SWITCH	EMT	ELECTRICAL METALLIC TUBING	KV	KILOVOLT	NTS	NOT TO SCALE	SW	SWITCH	VDC	VOLTS DIRECT CURRENT
BAS	BUILDING AUTOMATION SYSTEM	ENCL	ENCLOSURE	KVA	KILOVOLT-AMP	OC	ON CENTER	SWBD	SWITCHBOARD	W	WATT OR WIRE
BFC	BELOW FINISHED CEILING	EP	ELECTRIC PNEUMATIC	KW	KILOWATT	PB	PULL BOX	TEL	TELEPHONE	WP	WEATHERPROOF
BPS	BOLTED PRESSURE SWITCH	EPO	EMERGENCY POWER OFF	KWH	KILOWATT-HOUR	PB	PUSHBUTTON	TR	TAMPER RESISTANT	XFMR	TRANSFORMER

Revisions:	Date:

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763-412-4000 (o) 763-412-4090 (f)
www.ae-mn.com
AE PROJECT NUMBER: Project Number

STAMP
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 Minnesota.
Chris M. Pilioud, P.E.
Name: Chris M. Pilioud, P.E.
Date: 1/24/19
Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

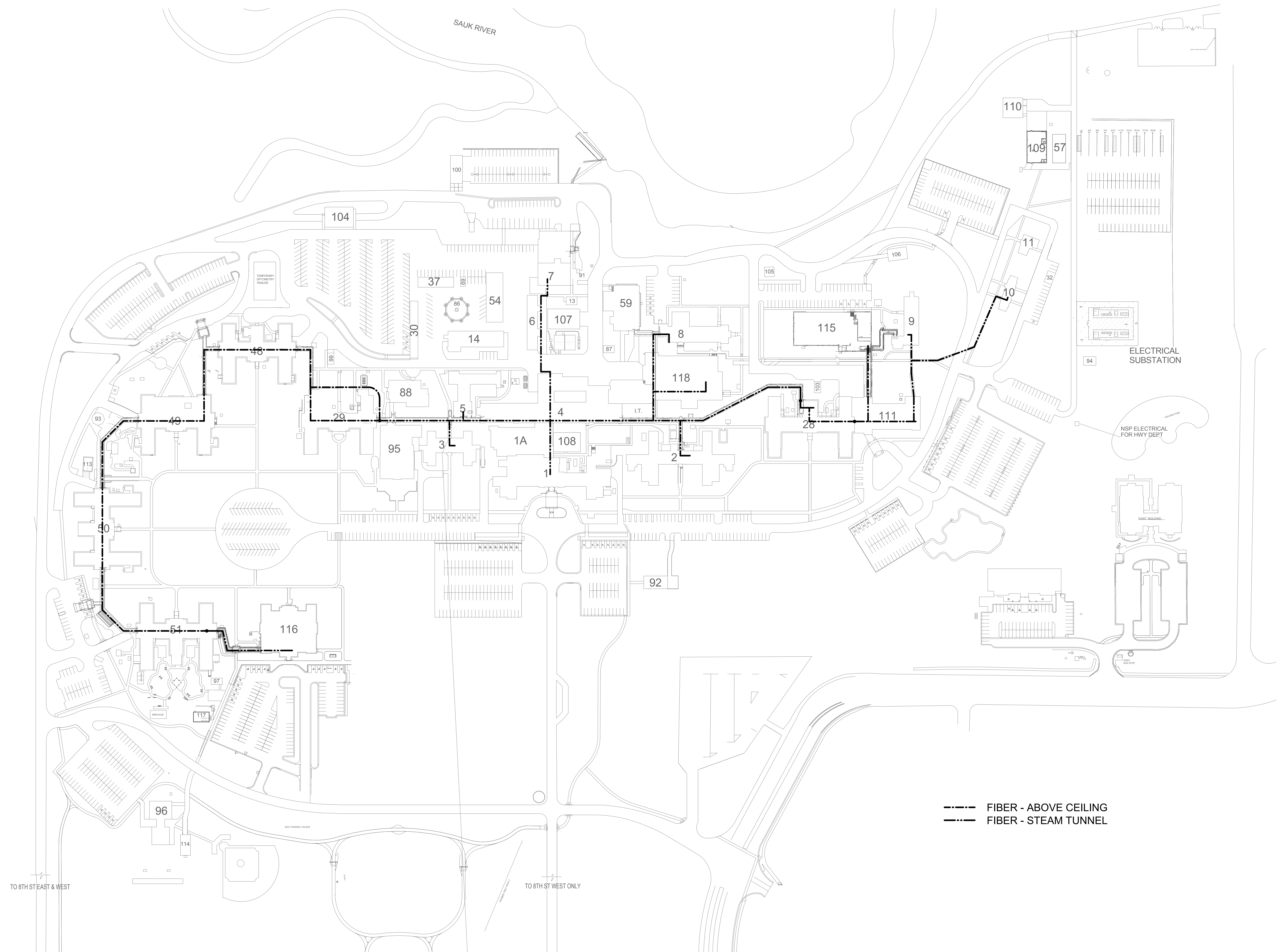
ELECTRICAL TITLE SHEET	DATE:
APPROVED ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED CHIEF OF STAFF	DATE:
APPROVED HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE	UPGRADE PUBLIC ADDRESS SYSTEM		
BUILDING No.	CHECKED BY	DRAWN	DATE
CP	CG	1/24/19	
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303		
DRAWING NO.	E000		

VA
U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

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No.	BUILDING SCHEDULE
1	OUTPATIENT CLINIC
2	CHEMICAL DEPENDENCE
3	F.M.S. & DENTAL
4	DIETETICS & ADMINISTRATION
5	PHARMACY
6	UTILITY SHOPS
7	BOILER HOUSE
8	AUDITORIUM/RECREATION
9	DOMICILIARY-POLICE
10	DSS
11	BUSINESS OFFICE/CONTRACTING
13	ENGINEER STORAGE
14	SUPPLY WAREHOUSE
28	MENTAL HEALTH
29	AUDIOLOGY, RELEASE OF INFORM.
30	SUPPLY & ENGINEER STORAGE
32	THREE CAR STORAGE
48	A.D.H.C.-NURSE ED.
49	COMMUNITY LIVING CENTER
50	COMMUNITY LIVING CENTER
51	COMMUNITY LIVING CENTER
54	STATION GARAGE
57	CWT
59	LAUNDRY
69	STORAGE
86	WATER TOWER
87	PUMPING STATION
88	CHAPEL
91	BOILER BLOWDOWN PUMPHOUSE
92	V.F.W. RECREATION-DR. REID BLD
93	A.L.A. RECREATION
94	ELECTRIC METER HOUSE
95	CANTEEN
96	RECREATION
97	GENERATOR
99	GENERATOR
100	ENGINEERING STORAGE
103	GENERATOR
104	SUPPLY WAREHOUSE
105	STORAGE
106	GAME FARM
107	ENGINEERING STORAGE
108	PHARMACY/TELEPHONE
111	MENTAL HEALTH
112E	GENERATOR
112W	GENERATOR
113	GENERATOR
114	GENERATOR/PUMP HOUSE
115	MENTAL HEALTH
116	REHABILITATION
117	GENERATOR
118	KITCHEN



--- FIBER - ABOVE CEILING
 --- FIBER - STEAM TUNNEL

1 SITE PLAN
 1" = 100'-0"

Revisions:	Date:

CONSULTANT
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DRAWING TITLE SITE PLAN
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM			
BUILDING No.		CHECKED BY	DRAWN
CP		CG	CG
DATE		ISSUE DATE	
1/24/19		1/24/19	
LOCATION		DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET.101	

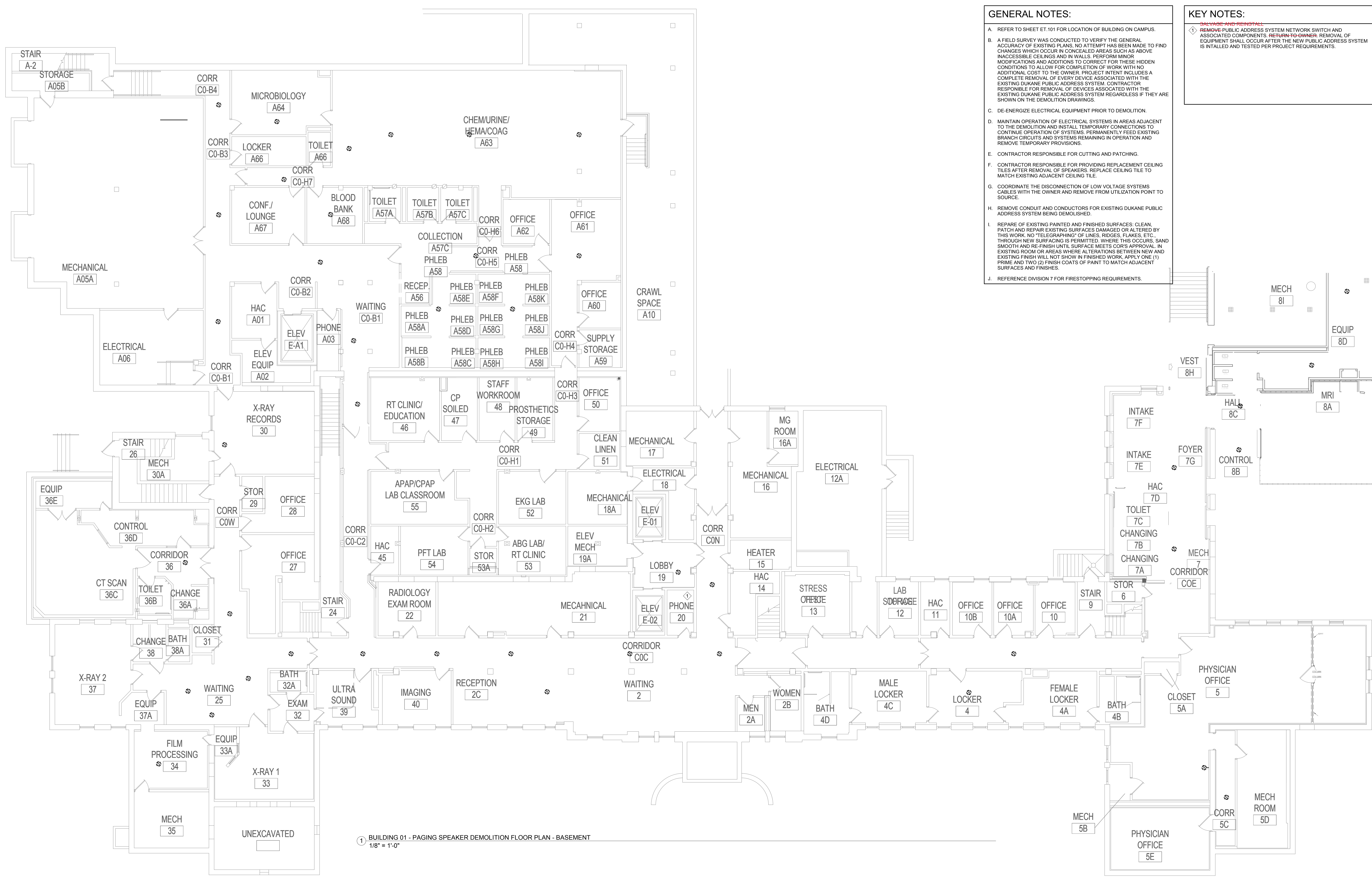


U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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- GENERAL NOTES:**
- A. REFER TO SHEET ET-101 FOR LOCATION OF BUILDING ON CAMPUS.
 - B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
 - C. DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
 - D. MAINTAIN OPERATION OF ELECTRICAL SYSTEMS IN AREAS ADJACENT TO THE DEMOLITION AND INSTALL TEMPORARY CONNECTIONS TO CONTINUE OPERATION OF SYSTEMS. PERMANENTLY FEED EXISTING BRANCH CIRCUITS AND SYSTEMS REMAINING IN OPERATION AND REMOVE TEMPORARY PROVISIONS.
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 - J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

- KEY NOTES:**
- REMOVE PUBLIC ADDRESS SYSTEM NETWORK SWITCH AND ASSOCIATED COMPONENTS. RETURN-TO-OWNER. REMOVAL OF EQUIPMENT SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.

1 BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/8" = 1'-0"

Revisions:

No.	Description	Date

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
APPROVED: CHIEF OF STAFF	DATE:
BUILDING No.:	CHECKED BY: CP
DATE:	DATE:
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO. ED01-00

VA

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED01-01	

VA

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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1 BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

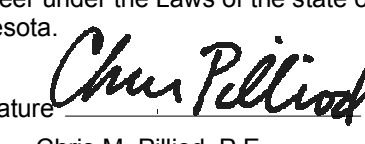
Revisions:	Date:

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DRAWING TITLE
BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE
UPGRADE PUBLIC ADDRESS SYSTEM
 BUILDING No. _____ CHECKED BY **CP** DRAWN **CG** ISSUE DATE **1/24/19**
 LOCATION
 VA MEDICAL CENTER
 ST. CLOUD, MN 56303
 DRAWING NO.
ED01-02

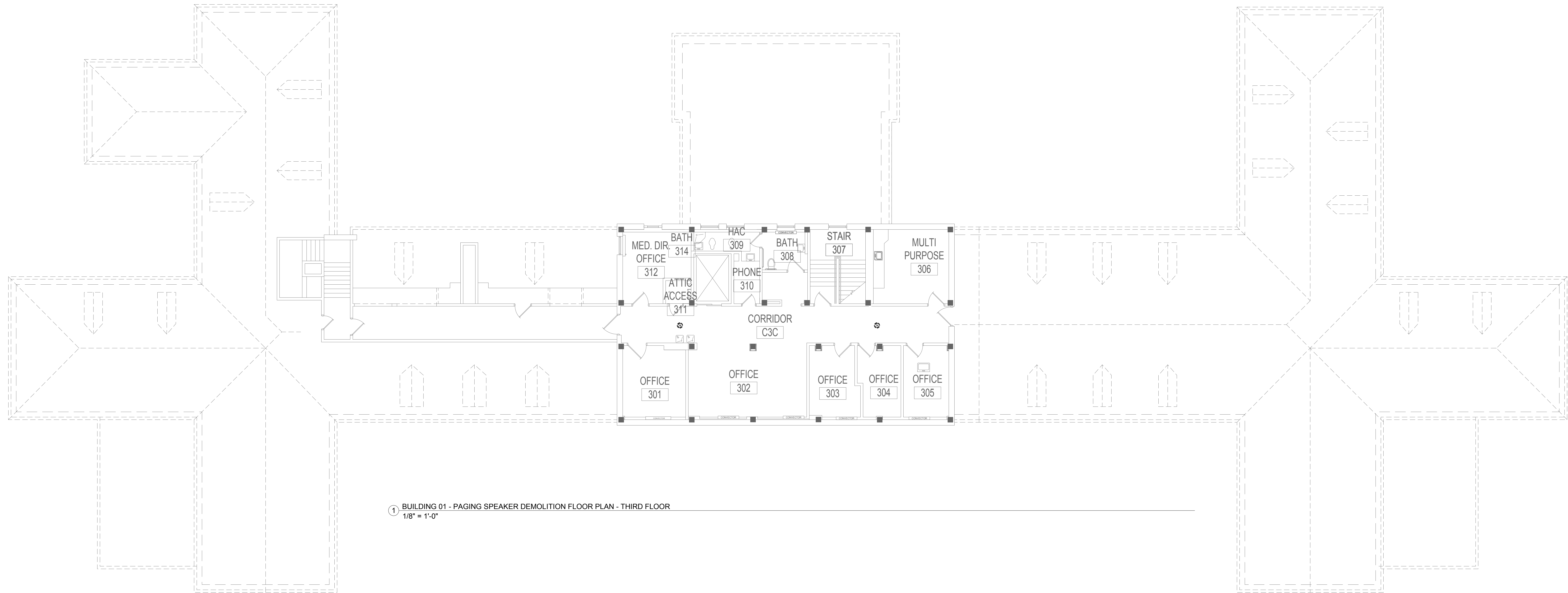


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1 BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - THIRD FLOOR
1/8" = 1'-0"

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Revisions:	Date:

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DRAWING TITLE
BUILDING 01 - PAGING SPEAKER DEMOLITION FLOOR PLAN - THIRD FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
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LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED01-03	

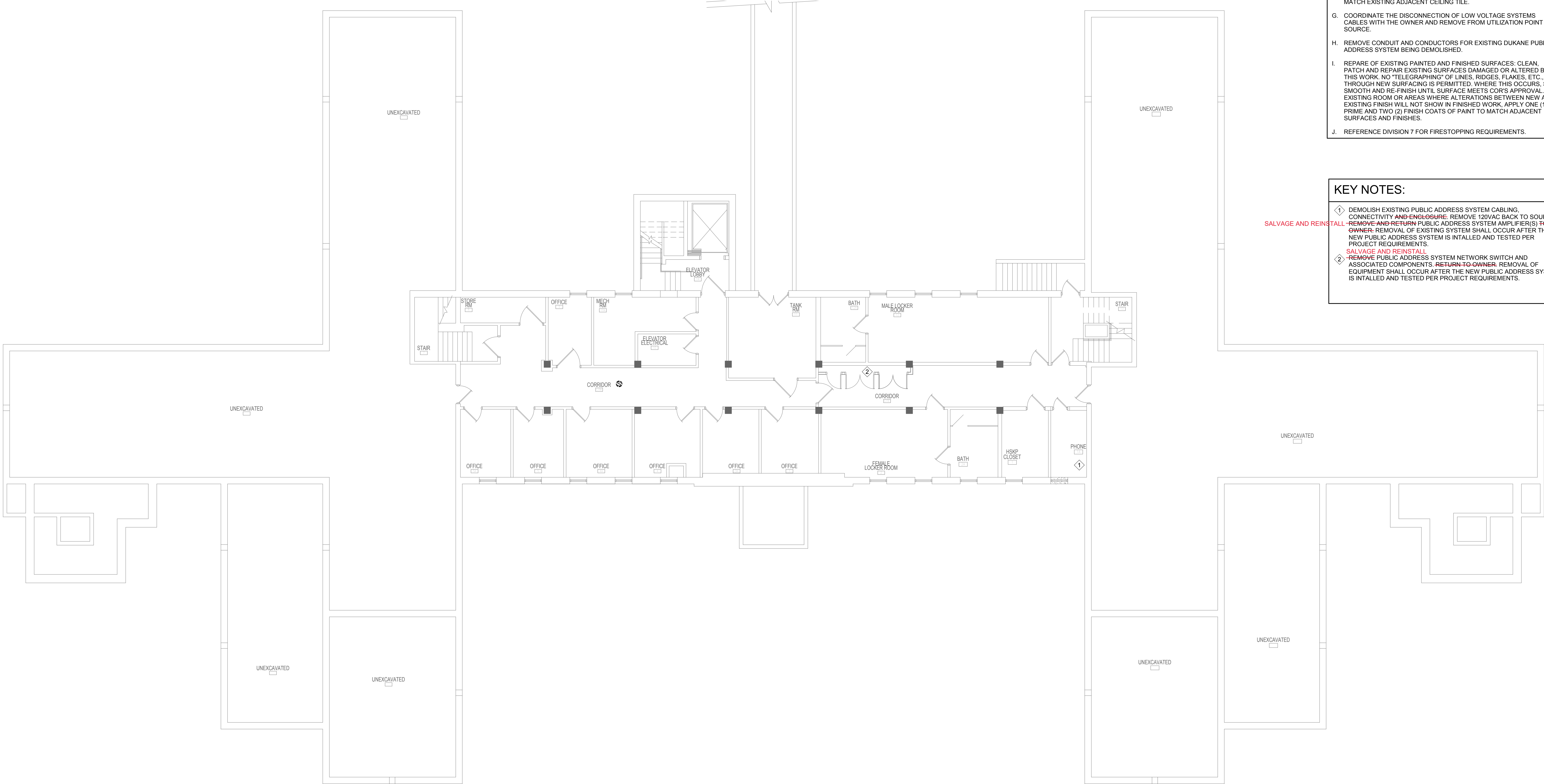
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- E. CONTRACTOR RESPONSIBLE FOR CUTTING AND PATCHING.
- F. CONTRACTOR RESPONSIBLE FOR PROVIDING REPLACEMENT CEILING TILES AFTER REMOVAL OF SPEAKERS. REPLACE CEILING TILE TO MATCH EXISTING ADJACENT CEILING TILE.
- G. COORDINATE THE DISCONNECTION OF LOW VOLTAGE SYSTEMS CABLES WITH THE OWNER AND REMOVE FROM UTILIZATION POINT TO SOURCE.
- H. REMOVE CONDUIT AND CONDUCTORS FOR EXISTING DUKANE PUBLIC ADDRESS SYSTEM BEING DEMOLISHED.
- I. REPAIR OF EXISTING PAINTED AND FINISHED SURFACES: CLEAN, PATCH AND REPAIR EXISTING SURFACES DAMAGED OR ALTERED BY THIS WORK. NO "TELEGRAPHING" OF LINES, RIDGES, FLAKES, ETC. THROUGH NEW SURFACING IS PERMITTED. WHERE THIS OCCURS, SAND SMOOTH AND RE-FINISH UNTIL SURFACE MEETS COR'S APPROVAL. IN EXISTING ROOM OR AREAS WHERE ALTERATIONS BETWEEN NEW AND EXISTING FINISH WILL NOT SHOW IN FINISHED WORK, APPLY ONE (1) PRIME AND TWO (2) FINISH COATS OF PAINT TO MATCH ADJACENT SURFACES AND FINISHES.
- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- ① DEMOLISH EXISTING PUBLIC ADDRESS SYSTEM CABLING, CONNECTIVITY AND ENCLOSURE. REMOVE 120VAC BACK TO SOURCE. REMOVE AND RETURN PUBLIC ADDRESS SYSTEM AMPLIFIERS TO OWNER. REMOVAL OF EXISTING SYSTEM SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.
- ② SALVAGE AND REINSTALL REMOVE PUBLIC ADDRESS SYSTEM NETWORK SWITCH AND ASSOCIATED COMPONENTS. RETURN TO OWNER. REMOVAL OF EQUIPMENT SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.



BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
BUILDING 08 - PAGING SPEAKER FLOOR PLAN - THIRD FLOOR
 1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
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 763-412-4000 (o) 763-412-4090 (f)
 www.ae-mn.com
AE PROJECT NUMBER: Project Number

STAMP
 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 Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

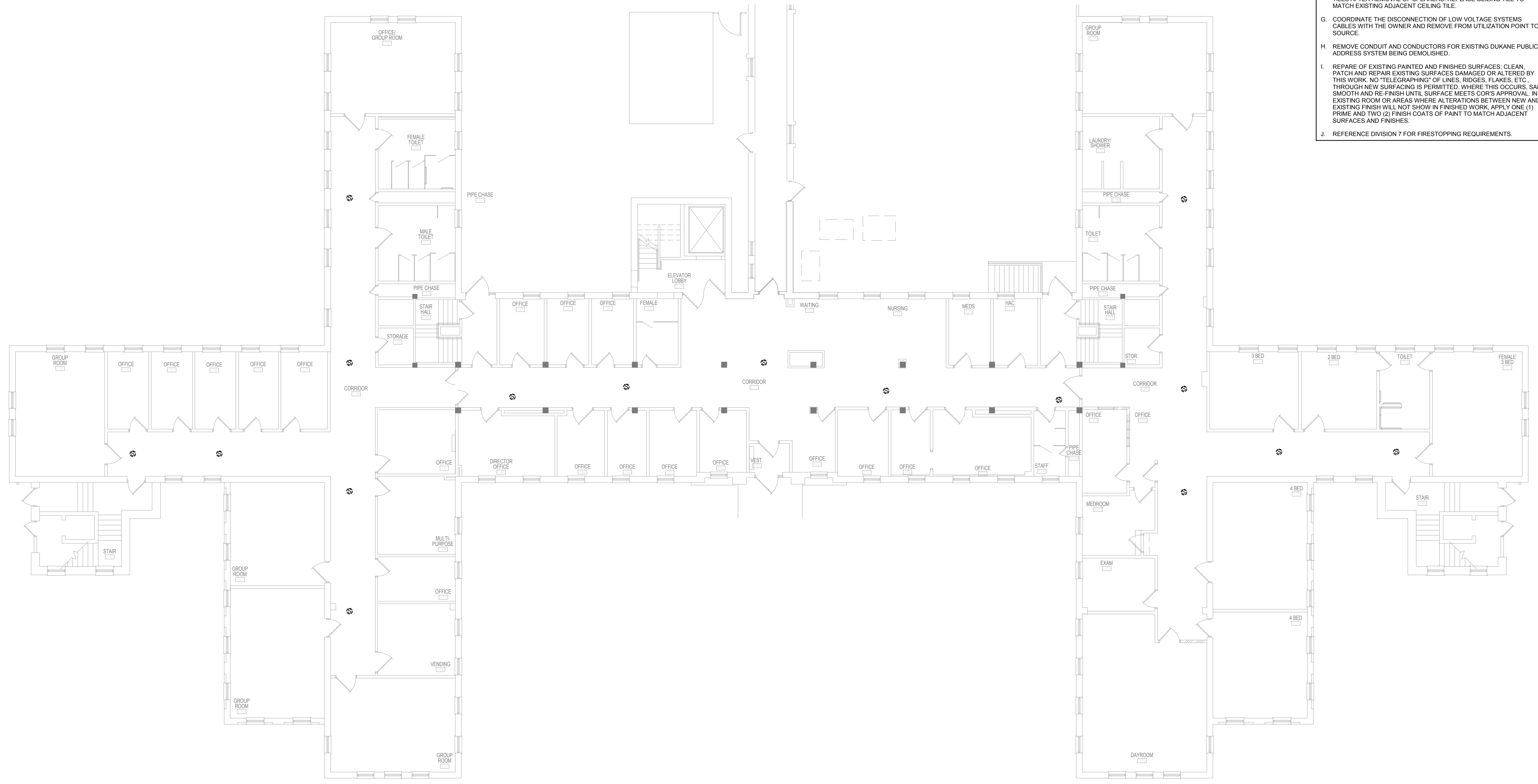
DRAWING TITLE
BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE
UPGRADE PUBLIC ADDRESS SYSTEM
 BUILDING NO.:
 CHECKED BY: CP
 DRAWN: CG
 ISSUE DATE: 1/24/19
 LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303
 DRAWING NO.: ED02-00

VA

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

- GENERAL NOTES:**
- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
 - B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
 - C. DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
 - D. MAINTAIN OPERATION OF ELECTRICAL SYSTEMS IN AREAS ADJACENT TO THE DEMOLITION AND INSTALL TEMPORARY CONNECTIONS TO CONTINUE OPERATION OF SYSTEMS. PERMANENTLY FEED EXISTING BRANCH CIRCUITS AND SYSTEMS REMAINING IN OPERATION AND REMOVE TEMPORARY PROVISIONS.
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 - J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
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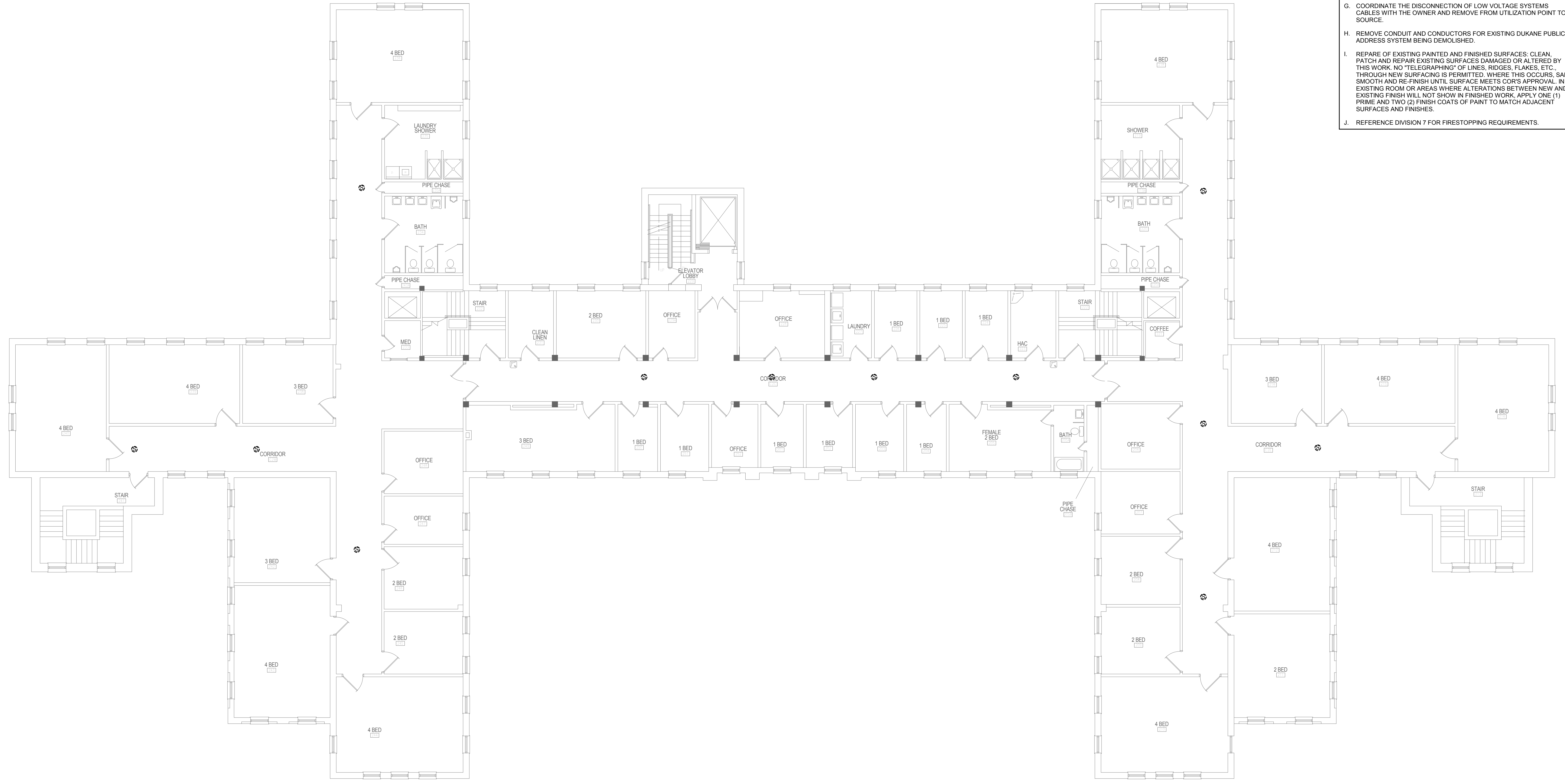
APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED02-01	

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

- GENERAL NOTES:**
- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
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 - J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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 Date: 1/24/19
 Registration Number: 50826

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 02 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	CP	CG	1/24/19
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO.	ED02-02

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

A

B

C

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E

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A

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C

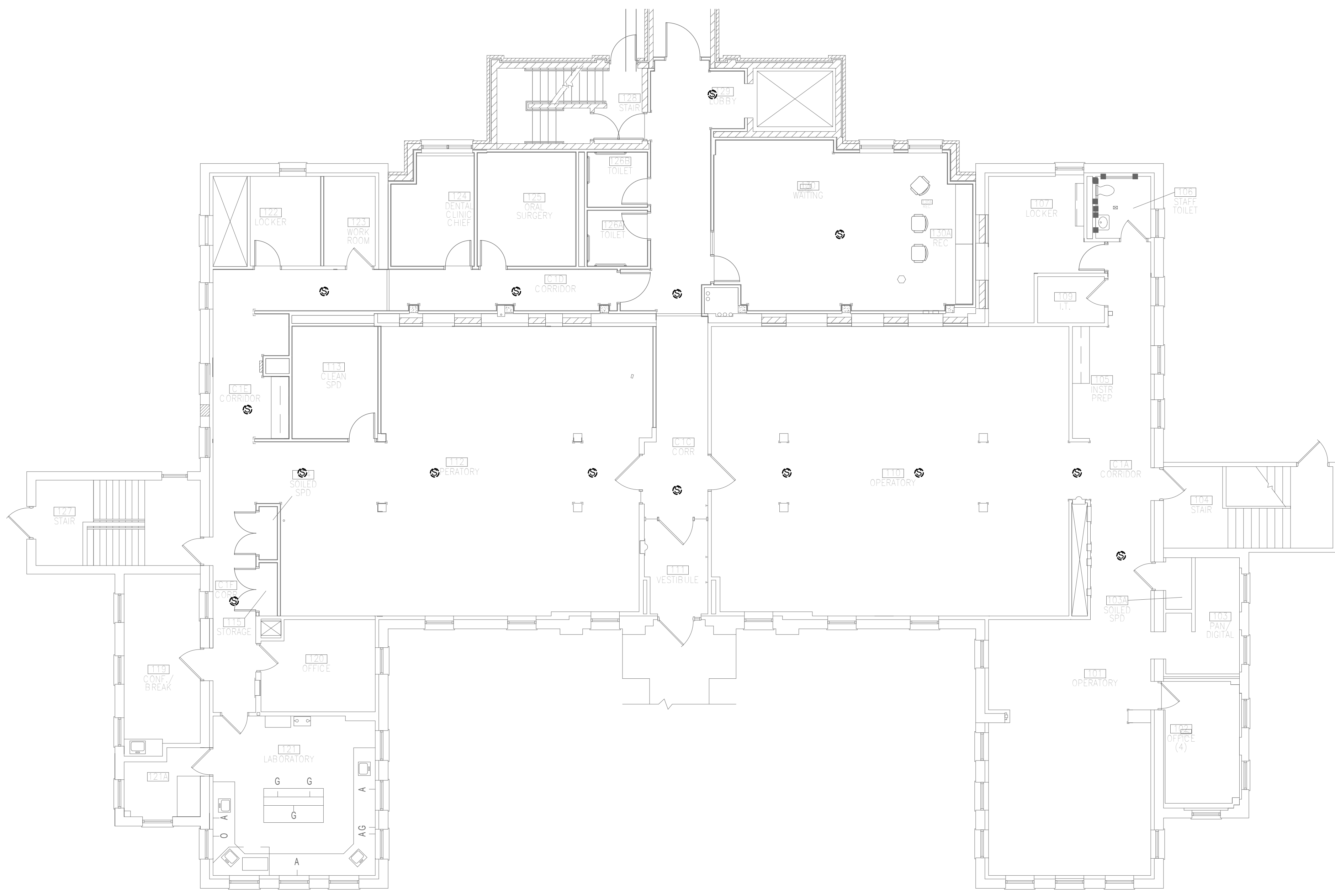
D

E

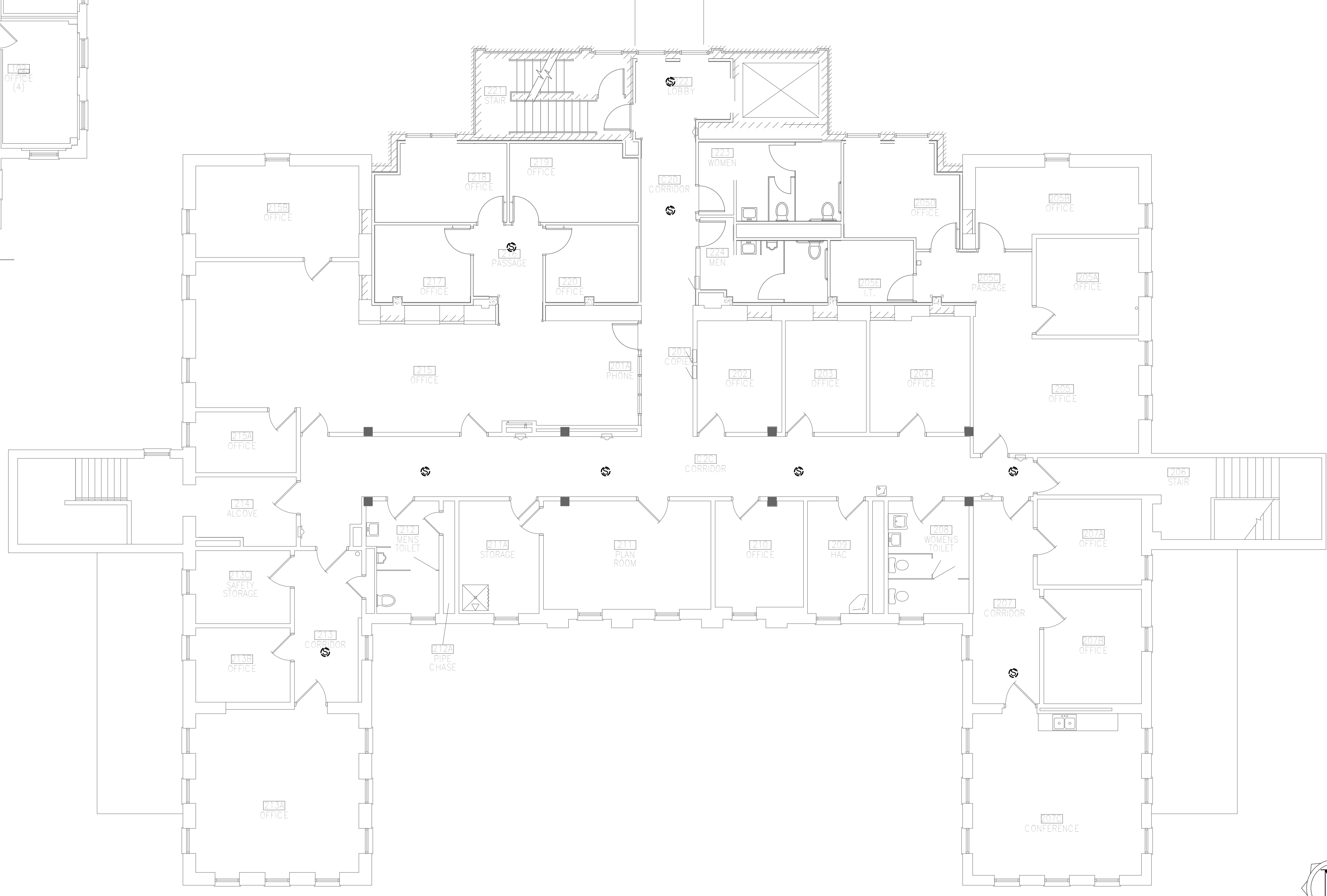
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GENERAL NOTES:

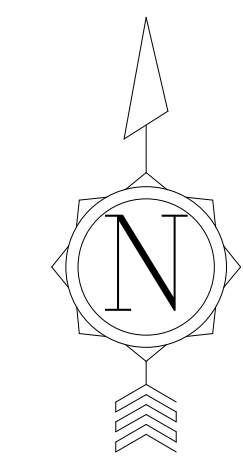
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 03 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"



2 BUILDING 03 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"



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Revisions:	Date:

CONSULTANT
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 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 03 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST AND SECOND FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		FLUT SCALE
PROJECT NO.		PROJECT NO.
BUILDING No.	CHECKED BY	DRAWN
	CP	CG
ISSUE DATE	DATE	DRAWING NO.
1/24/19		ED03-01
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		

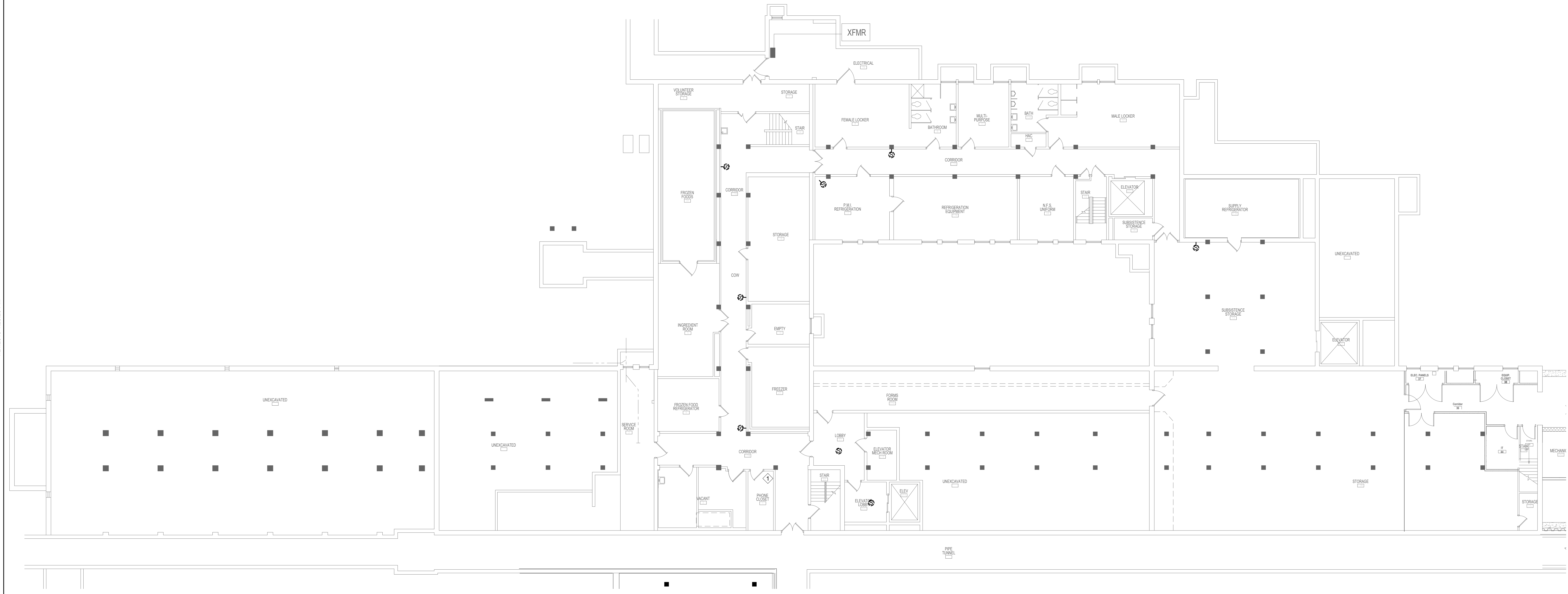
VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- 1. ~~REPLACE AND REWIRE~~ REMOVE PUBLIC ADDRESS SYSTEM NETWORK SWITCH AND ASSOCIATED COMPONENTS. RETURN-TO-OWNER. REMOVAL OF EQUIPMENT SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.



1 BUILDING 04 - PAGING SPEAKER FLOOR PLAN - BASEMENT
3/32" = 1'-0"

1/24/2019 11:26:28 PM
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Revisions:	Date:

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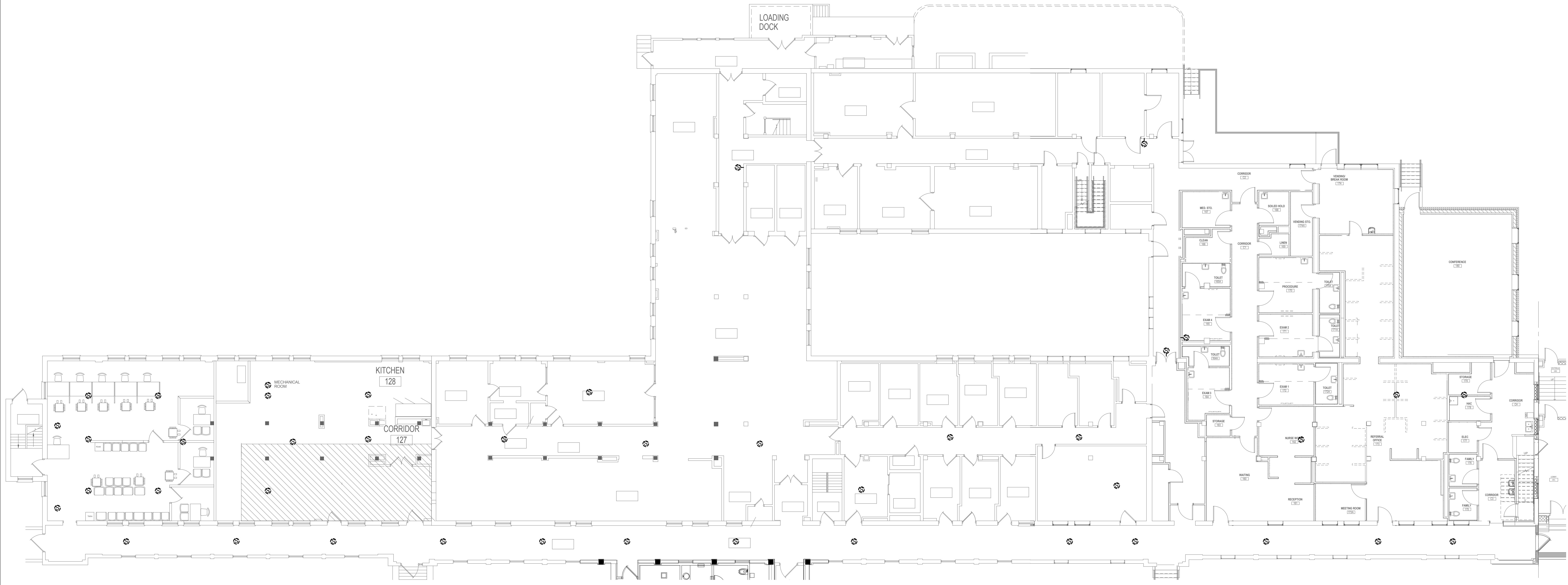
APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 04 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
 DATE:
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	FLIGHT SCALE
PROJECT NO.	ISSUE DATE
BUILDING No.	DATE
CHECKED BY CP	DRAWN BY CG
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO. ED04-00

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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 - F. CONTRACTOR RESPONSIBLE FOR PROVIDING REPLACEMENT CEILING TILES AFTER REMOVAL OF SPEAKERS. REPLACE CEILING TILE TO MATCH EXISTING ADJACENT CEILING TILE.
 - G. COORDINATE THE DISCONNECTION OF LOW VOLTAGE SYSTEMS CABLES WITH THE OWNER AND REMOVE FROM UTILIZATION POINT TO SOURCE.
 - H. REMOVE CONDUIT AND CONDUCTORS FOR EXISTING DUKANE PUBLIC ADDRESS SYSTEM BEING DEMOLISHED.
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 - J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 04 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
3/32" = 1'-0"

1/24/2019 11:26:27 PM
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Revisions:	Date:

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www.ae-mn.com
AE PROJECT NUMBER: Project Number

STAMP
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 Minnesota.
Signature: *Chris M. Pilioud*
Name: Chris M. Pilioud, P.E.
Date: 1/24/19
Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

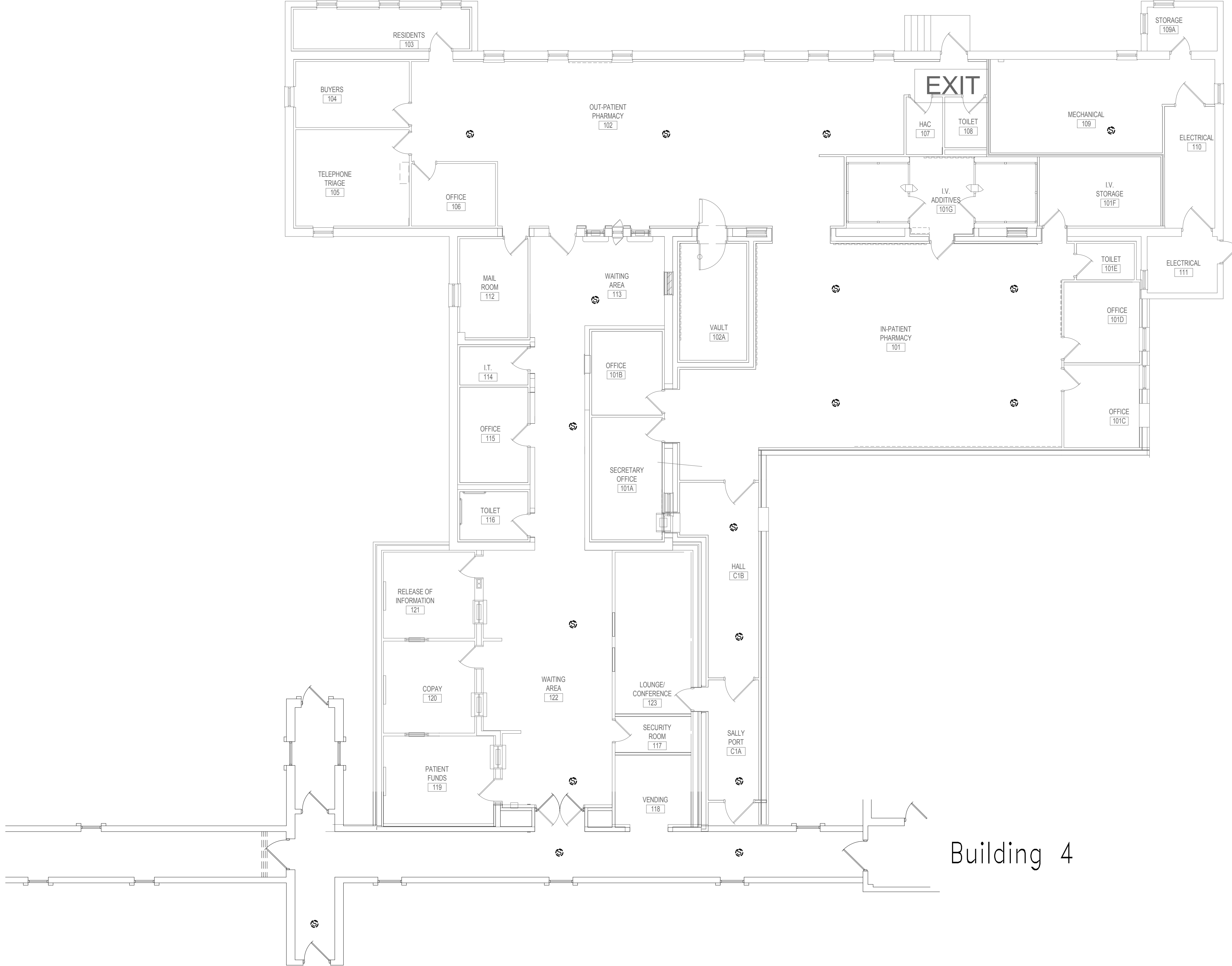
DRAWING TITLE
BUILDING 04 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
APPROVED: CHIEF OF STAFF	DATE:	BUILDING No.:	CHECKED BY: CP
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:	DRAWN: CG	ISSUE DATE: 1/24/19
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303		DRAWING NO.: ED04-01	

VA
U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

GENERAL NOTES:

- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
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- C. DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 05 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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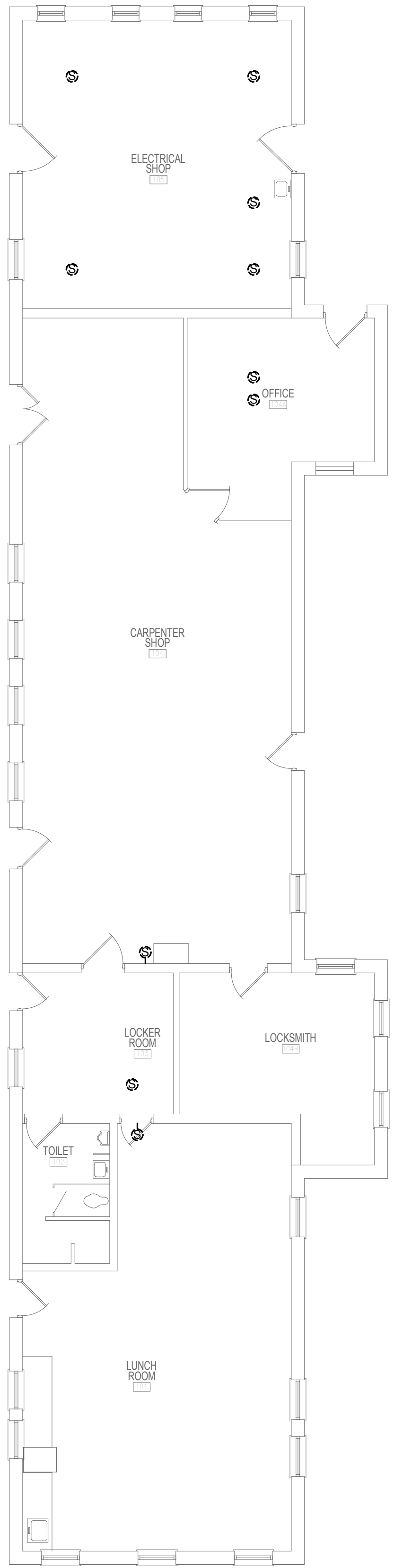
DRAWING TITLE
BUILDING 05 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
APPROVED: CHIEF OF STAFF	DATE:	BUILDING No.	CHECKED BY
		CP	CG
		DRAWN	ISSUE DATE
			1/24/19
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:	LOCATION	DRAWING NO.
		VA MEDICAL CENTER ST. CLOUD, MN 56303	ED05-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 06 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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 Date: 1/24/19
 Registration Number: 50826

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

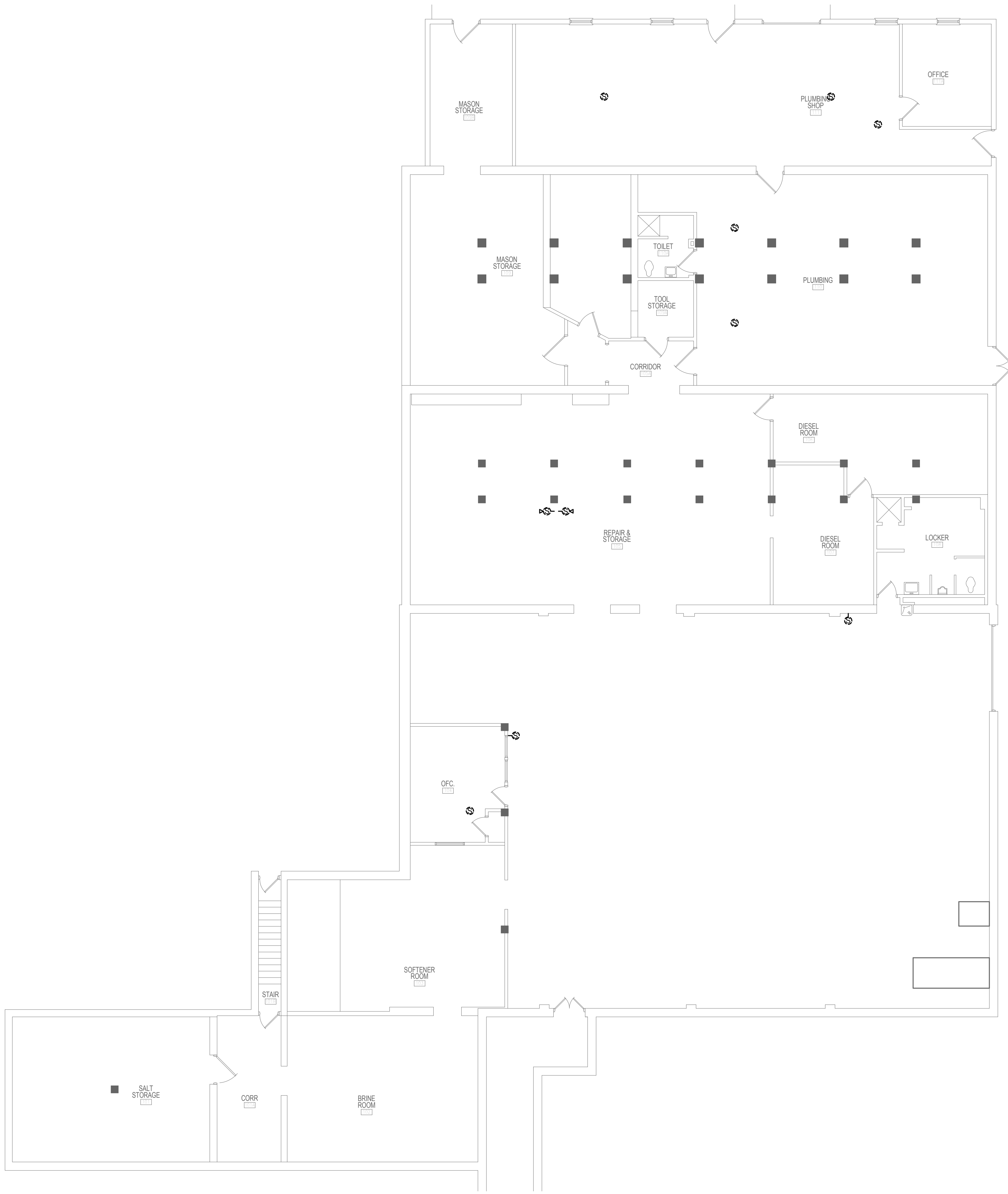
DRAWING TITLE BUILDING 06 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR	APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY: CP
DATE:	DRAWN: CG
ISSUE DATE: 1/24/19	DRAWING NO. ED06-01
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE:

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
- B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 07 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

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 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 07 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
APPROVED: CHIEF OF STAFF		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
APPROVED: HEALTH CARE SYSTEM DIRECTOR		LOCATION	DRAWING NO.
		VA MEDICAL CENTER ST. CLOUD, MN 56303	ED07-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 08 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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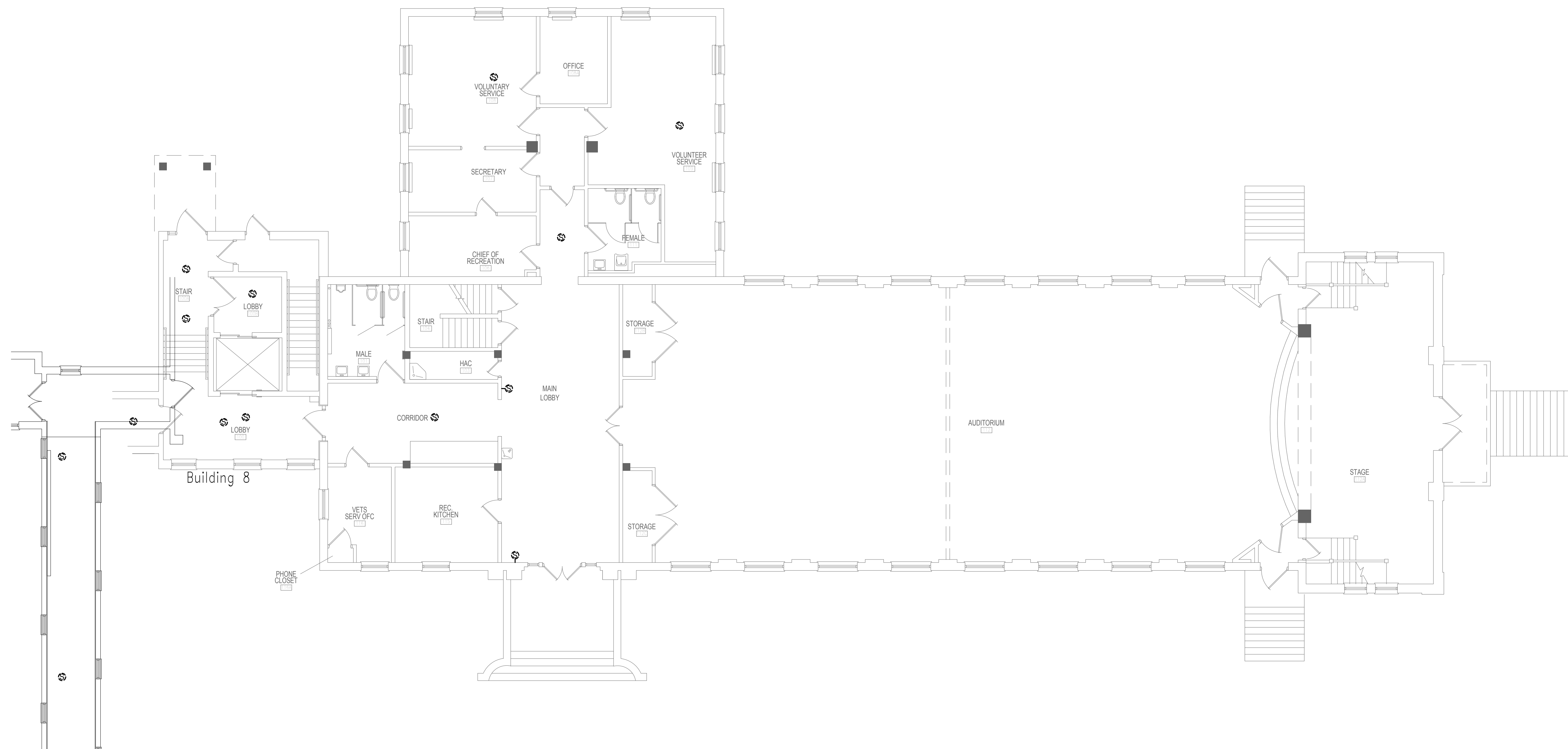
DRAWING TITLE
BUILDING 08 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.:	CHECKED BY:	DRAWN:	ISSUE DATE:
	CP	CG	1/24/19
LOCATION	DATE:	DRAWING NO.:	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED08-00	

VA 
U.S. Department of Veterans Affairs
 Veterans Health Administration
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 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

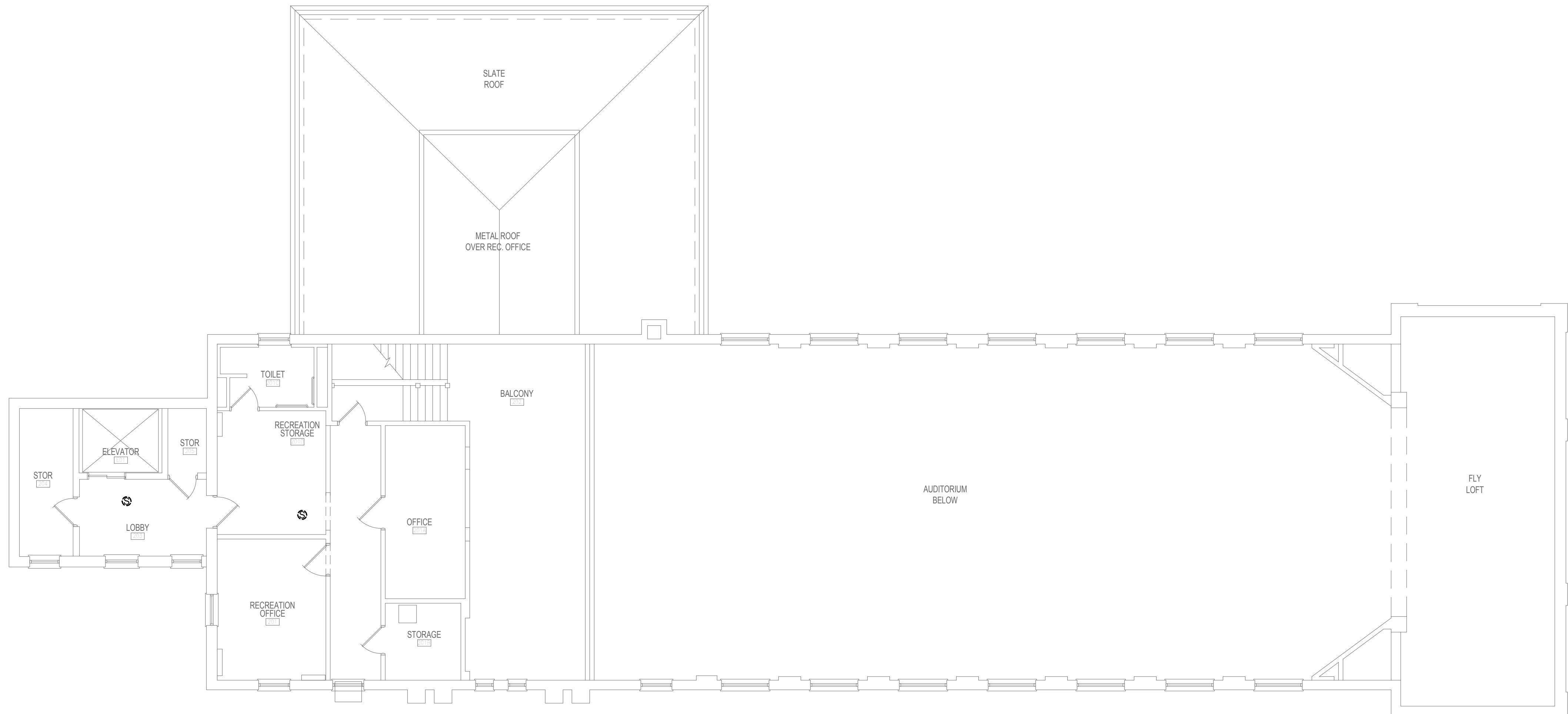
DRAWING TITLE
BUILDING 08 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED08-01	

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
- B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
- C. DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
- D. MAINTAIN OPERATION OF ELECTRICAL SYSTEMS IN AREAS ADJACENT TO THE DEMOLITION AND INSTALL TEMPORARY CONNECTIONS TO CONTINUE OPERATION OF SYSTEMS. PERMANENTLY FEED EXISTING BRANCH CIRCUITS AND SYSTEMS REMAINING IN OPERATION AND REMOVE TEMPORARY PROVISIONS.
- E. CONTRACTOR RESPONSIBLE FOR CUTTING AND PATCHING.
- F. CONTRACTOR RESPONSIBLE FOR PROVIDING REPLACEMENT CEILING TILES AFTER REMOVAL OF SPEAKERS. REPLACE CEILING TILE TO MATCH EXISTING ADJACENT CEILING TILE.
- G. COORDINATE THE DISCONNECTION OF LOW VOLTAGE SYSTEMS CABLES WITH THE OWNER AND REMOVE FROM UTILIZATION POINT TO SOURCE.
- H. REMOVE CONDUIT AND CONDUCTORS FOR EXISTING DUKANE PUBLIC ADDRESS SYSTEM BEING DEMOLISHED.
- I. REPAIR OF EXISTING PAINTED AND FINISHED SURFACES: CLEAN, PATCH AND REPAIR EXISTING SURFACES DAMAGED OR ALTERED BY THIS WORK. NO "TELEGRAPHING" OF LINES, RIDGES, FLAKES, ETC. THROUGH NEW SURFACING IS PERMITTED. WHERE THIS OCCURS, SAND SMOOTH AND RE-FINISH UNTIL SURFACE MEETS COR'S APPROVAL. IN EXISTING ROOM OR AREAS WHERE ALTERATIONS BETWEEN NEW AND EXISTING FINISH WILL NOT SHOW IN FINISHED WORK, APPLY ONE (1) PRIME AND TWO (2) FINISH COATS OF PAINT TO MATCH ADJACENT SURFACES AND FINISHES.
- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 08 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

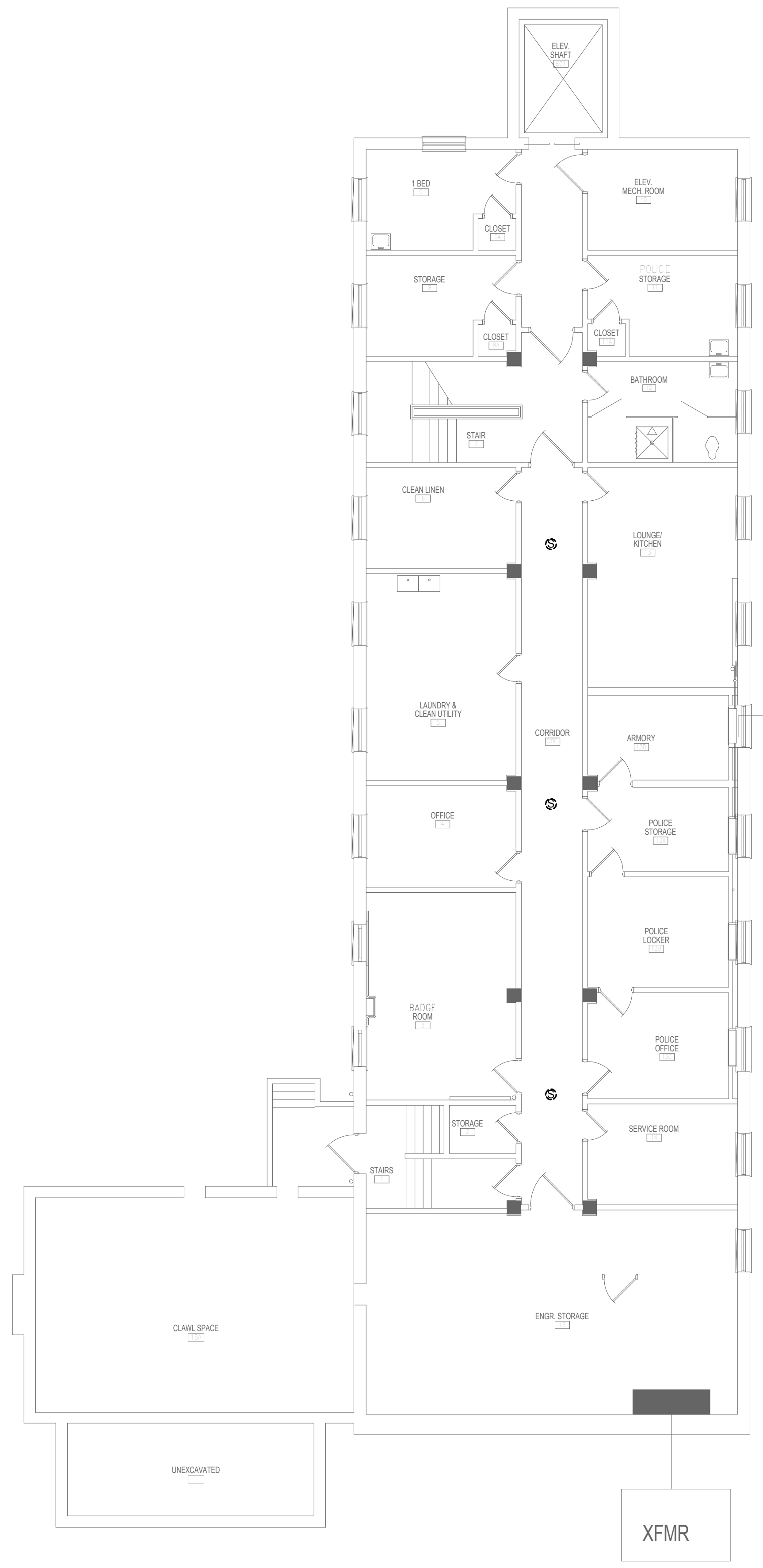
DRAWING TITLE
BUILDING 08 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
APPROVED: CHIEF OF STAFF		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
APPROVED: HEALTH CARE SYSTEM DIRECTOR		LOCATION	DRAWING NO.
		VA MEDICAL CENTER ST. CLOUD, MN 56303	ED08-02

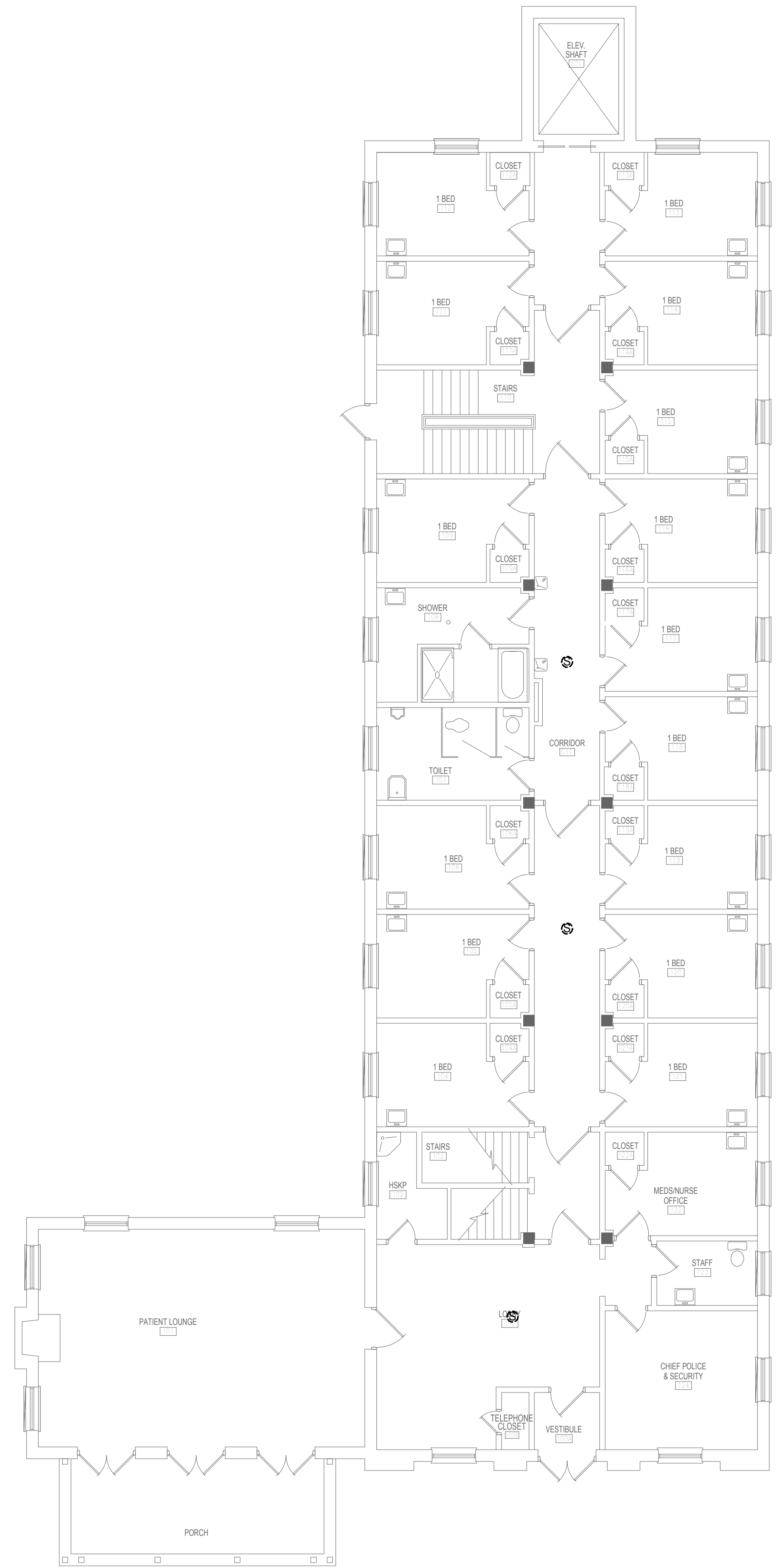
VA  **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

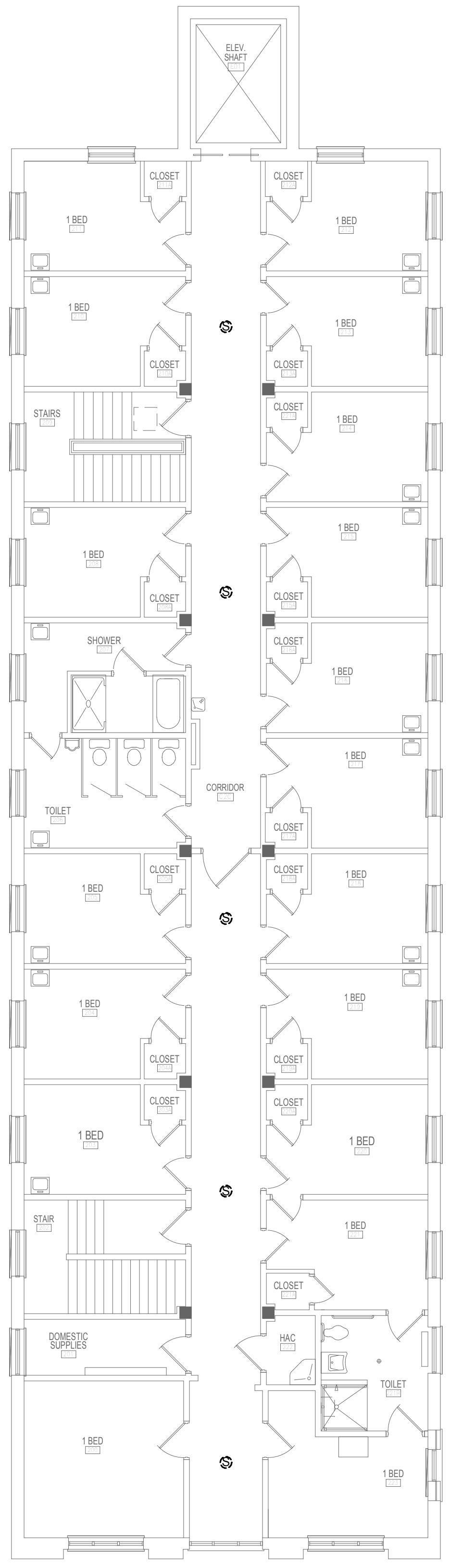
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 09 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/8" = 1'-0"



2 BUILDING 09 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"



3 BUILDING 09 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

C:\Revit\Projects\VA ST CLOUD PAGING_Elec_R12.dwg.rvt 1/24/2019 1:20:32 PM

Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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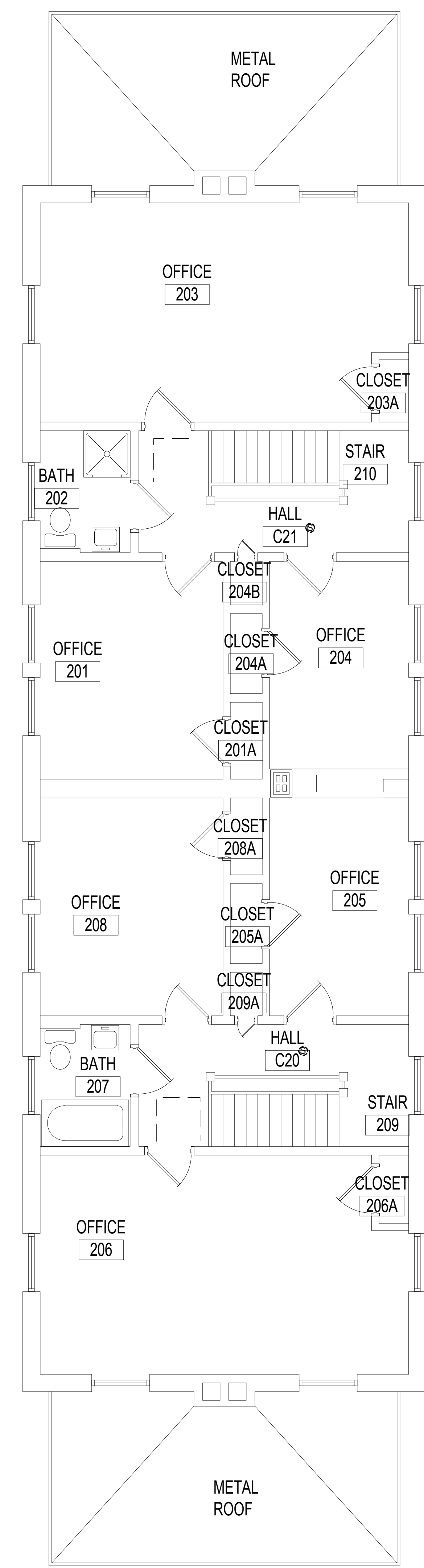
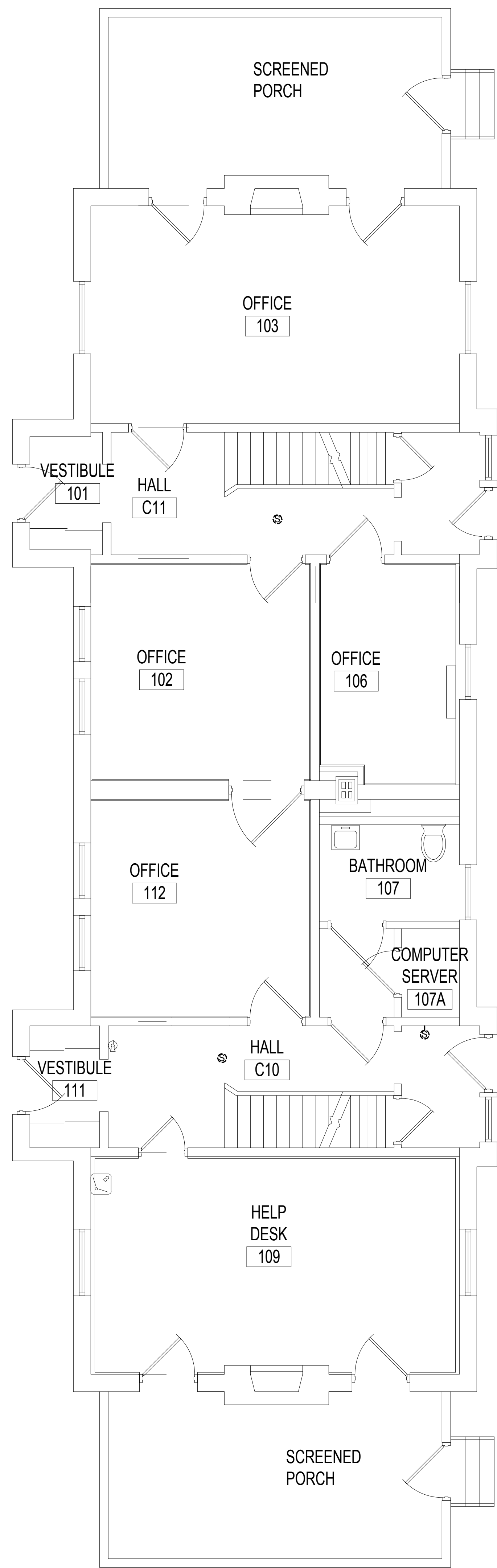
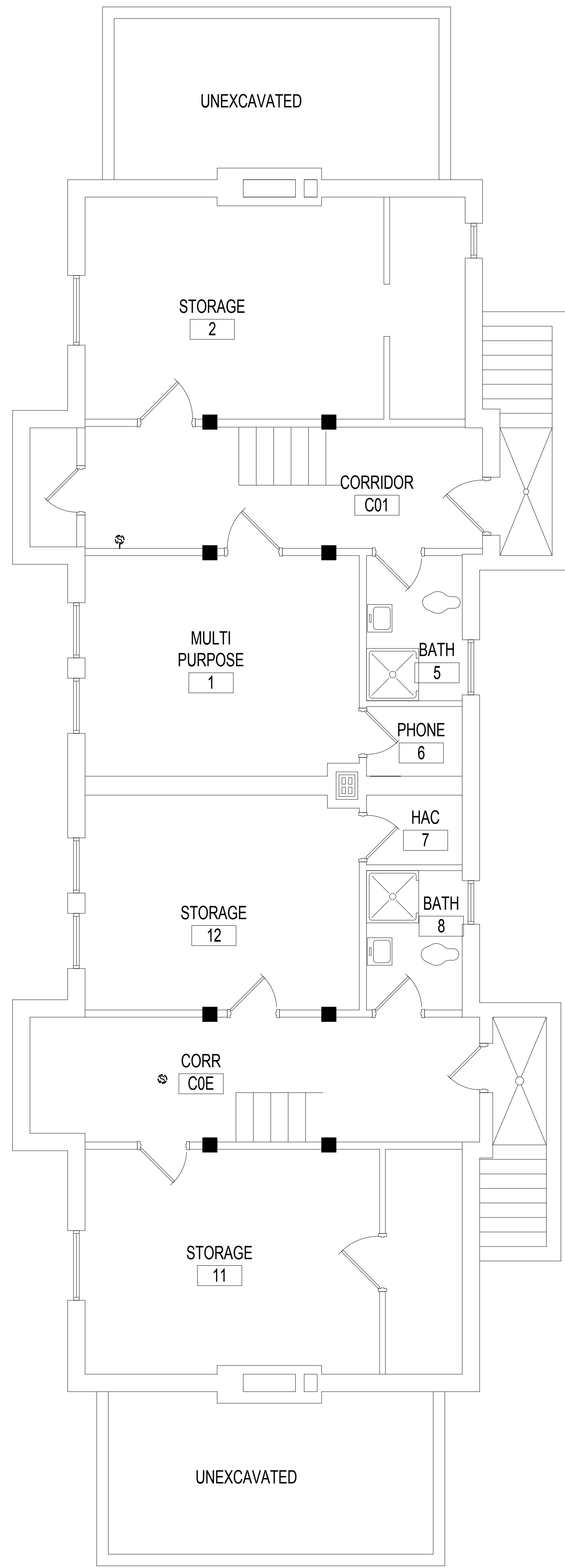
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 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the Laws of the state of Minnesota.
 Signature: *Chris M. Pilioud*
 Name: Chris M. Pilioud, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 09 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT, FIRST AND SECOND FLOOR
 ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
DATE:		PROJECT NO.:	
APPROVED: CHIEF OF STAFF	DATE:	BUILDING No.:	CHECKED BY:
		CP	CG
		DATE:	ISSUE DATE:
		1/24/19	1/24/19
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:	LOCATION	DRAWING NO.:
		VA MEDICAL CENTER ST. CLOUD, MN 56303	ED09-00

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System



- GENERAL NOTES:**
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 - J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

1 BUILDING 10 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/4" = 1'-0"

2 BUILDING 10 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/4" = 1'-0"

3 BUILDING 10 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

 DUNHAM
 50 South Sixth Street / Suite 1100
 Minneapolis, Minnesota 55402-1540
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 mechanical • electrical consulting engineering

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 Anderson Engineering of Minnesota, LLC
 13605 1st Avenue North
 Suite 100
 Plymouth, MN 55441
 763-412-4000 (o) 763-412-4090 (f)
 www.ae-mn.com
AE PROJECT NUMBER: Project Number

STAMP
 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 Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

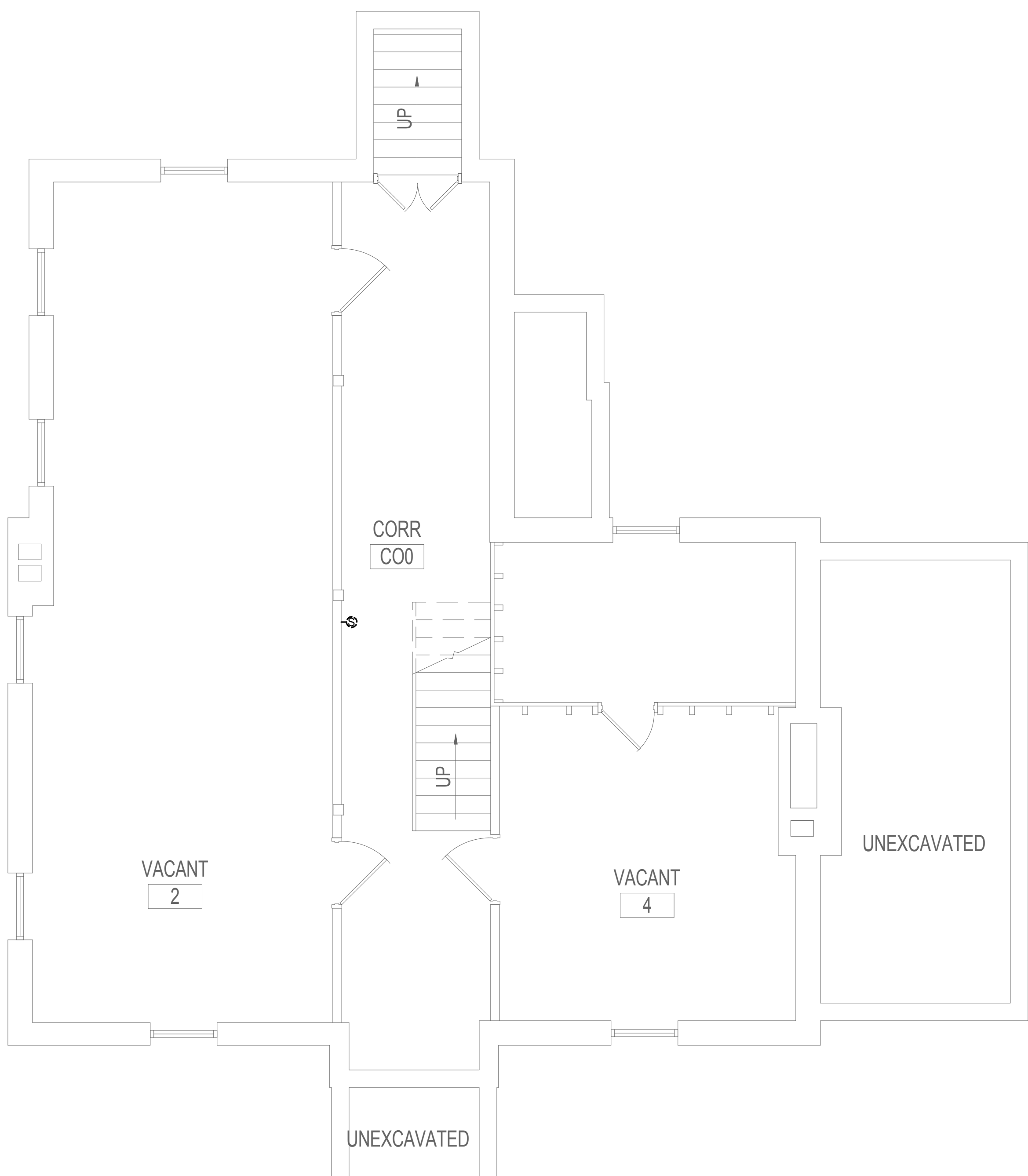
APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 10 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT, FIRST & SECOND FLOORS	PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM
DATE:	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

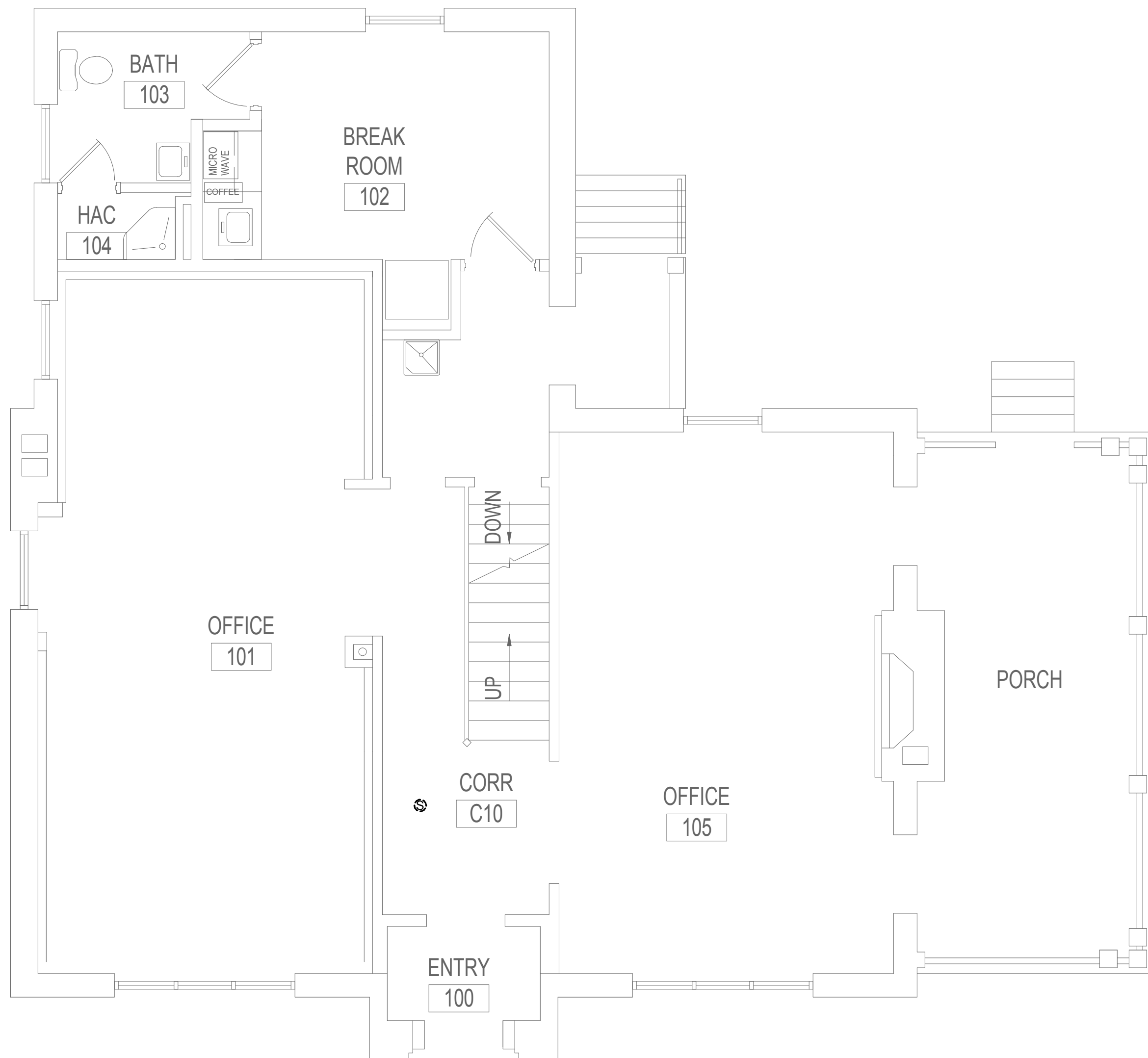
BUILDING NO.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED10-00	



- GENERAL NOTES:**
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 - B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
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 - J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.




1 BUILDING 11 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/4" = 1'-0"



2 BUILDING 11 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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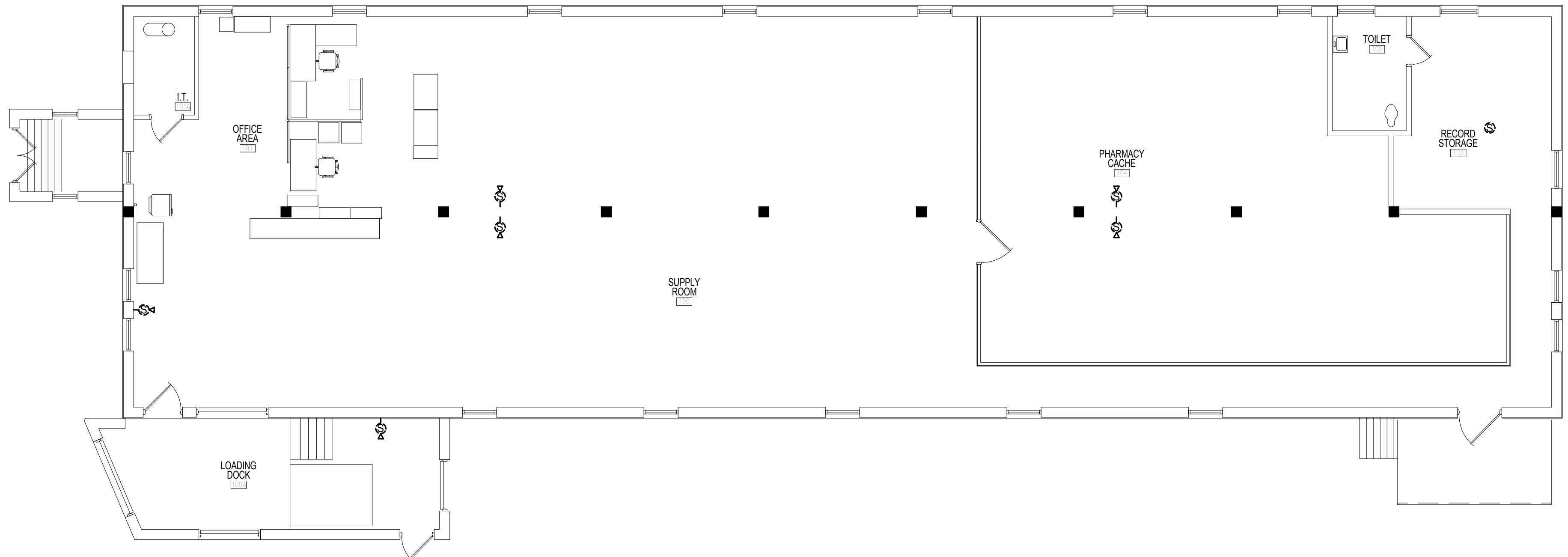
DRAWING TITLE
BUILDING 11 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT, FIRST & SECOND FLOORS
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.:	CHECKED BY:	DRAWN:	ISSUE DATE:
	CP	CG	1/24/19
LOCATION	DATE:	DRAWING NO.:	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED11-00	

VA 
U.S. Department of Veterans Affairs
 Veterans Health Administration
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 14 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

1/24/2019 1:20:38 PM

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Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 14 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED14-01	

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

- GENERAL NOTES:**
- REFER TO SHEET ET-101 FOR LOCATION OF BUILDING ON CAMPUS.
 - A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE ACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
 - DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
 - MAINTAIN OPERATION OF ELECTRICAL SYSTEMS IN AREAS ADJACENT TO THE DEMOLITION AND INSTALL TEMPORARY CONNECTIONS TO CONTINUE OPERATION OF SYSTEMS. PERMANENTLY FEED EXISTING BRANCH CIRCUITS AND SYSTEMS REMAINING IN OPERATION AND REMOVE TEMPORARY PROVISIONS.
 - CONTRACTOR RESPONSIBLE FOR CUTTING AND PATCHING.
 - CONTRACTOR RESPONSIBLE FOR PROVIDING REPLACEMENT CEILING TILES AFTER REMOVAL OF SPEAKERS. REPLACE CEILING TILE TO MATCH EXISTING ADJACENT CEILING TILE.
 - COORDINATE THE DISCONNECTION OF LOW VOLTAGE SYSTEMS CABLES WITH THE OWNER AND REMOVE FROM UTILIZATION POINT TO SOURCE.
 - REMOVE CONDUIT AND CONDUCTORS FOR EXISTING DUKANE PUBLIC ADDRESS SYSTEM BEING DEMOLISHED.
 - REPAIR OF EXISTING PAINTED AND FINISHED SURFACES: CLEAN, PATCH AND REPAIR EXISTING SURFACES DAMAGED OR ALTERED BY THIS WORK. NO "TELEGRAPHING" OF LINES, RIDGES, FLAKES, ETC., THROUGH NEW SURFACING IS PERMITTED. WHERE THIS OCCURS, SAND SMOOTH AND RE-FINISH UNTIL SURFACE MEETS COR'S APPROVAL. IN EXISTING ROOM OR AREAS WHERE ALTERATIONS BETWEEN NEW AND EXISTING FINISH WILL NOT SHOW IN FINISHED WORK, APPLY ONE (1) PRIME AND TWO (2) FINISH COATS OF PAINT TO MATCH ADJACENT SURFACES AND FINISHES.
 - REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

- KEY NOTES:**
- ◇ DEMOLISH EXISTING PUBLIC ADDRESS SYSTEM CABLING, CONNECTIVITY AND ENSURE REMOVE 200VAC BACK TO SOURCE. REMOVE AND RETURN PUBLIC ADDRESS SYSTEM AMPLIFIER(S) AND NETWORK SWITCH TO OWNER. REMOVAL OF EXISTING SYSTEM SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.
 - ◇ SALVAGE AND REINSTALL. REMOVE PUBLIC ADDRESS SYSTEM NETWORK SWITCH AND ASSOCIATED COMPONENTS. RETURN TO OWNER. REMOVAL OF EQUIPMENT SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.



1 BUILDING 28 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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 Plymouth, MN 55441
 763-412-4000 (o) 763-412-4090 (f)
 www.ae-mn.com
 AE PROJECT NUMBER: Project Number

STAMP
 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 Minnesota.
 Signature: *Chris M. Pillod*
 Name: Chris M. Pillod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 28 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

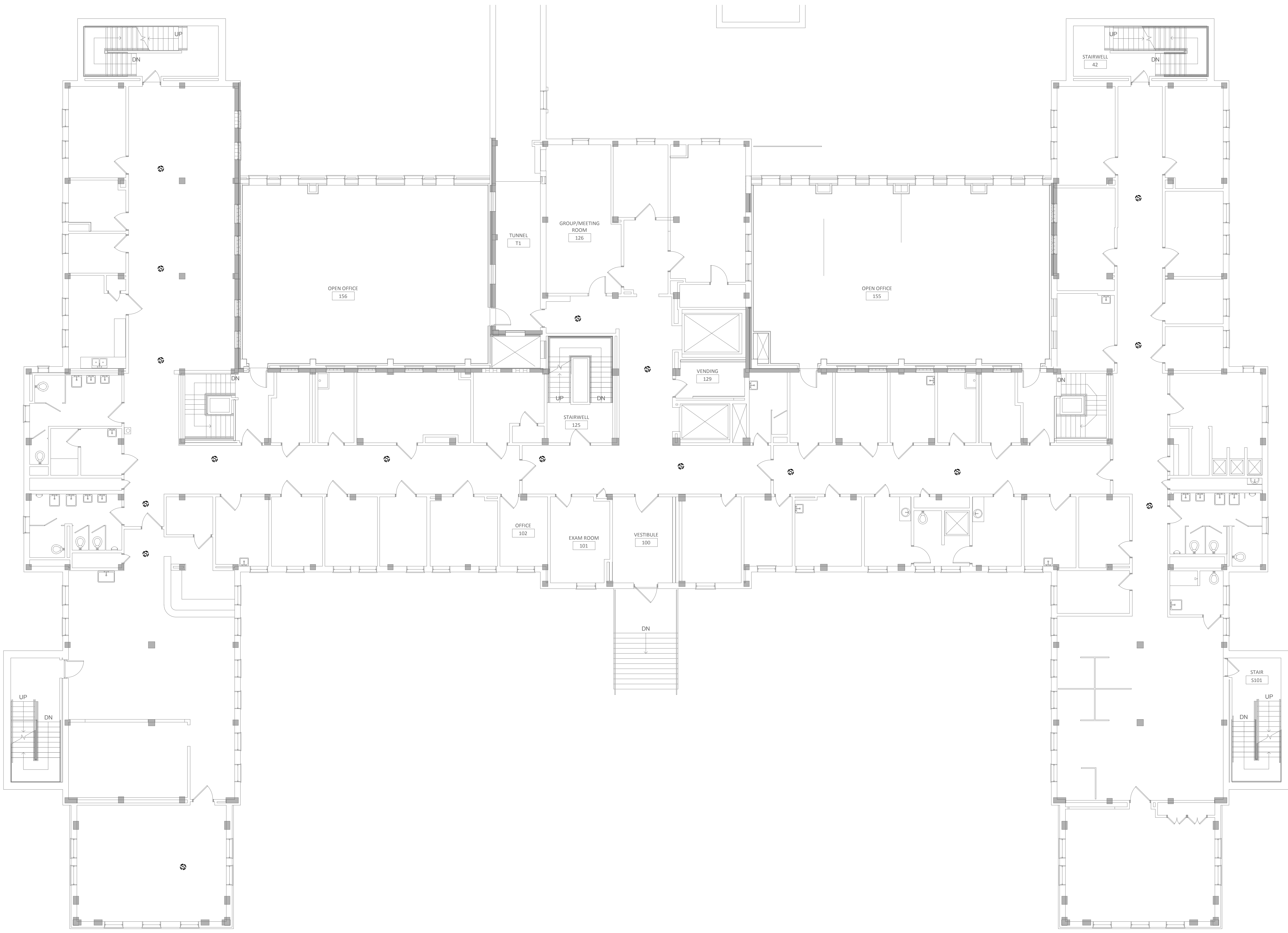
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		FLOT SCALE	
PROJECT NO.		PROJECT NO.	
APPROVED: CHIEF OF STAFF	DATE:	BUILDING No.	CHECKED BY
CP	CG	1/24/19	CG
DATE:	DATE:	ISSUE DATE	DRAWING NO.
		1/24/19	ED28-00
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DATE	

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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GENERAL NOTES:

- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
- B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
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- D. MAINTAIN OPERATION OF ELECTRICAL SYSTEMS IN AREAS ADJACENT TO THE DEMOLITION AND INSTALL TEMPORARY CONNECTIONS TO CONTINUE OPERATION OF SYSTEMS. PERMANENTLY FEED EXISTING BRANCH CIRCUITS AND SYSTEMS REMAINING IN OPERATION AND REMOVE TEMPORARY PROVISIONS.
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 28 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
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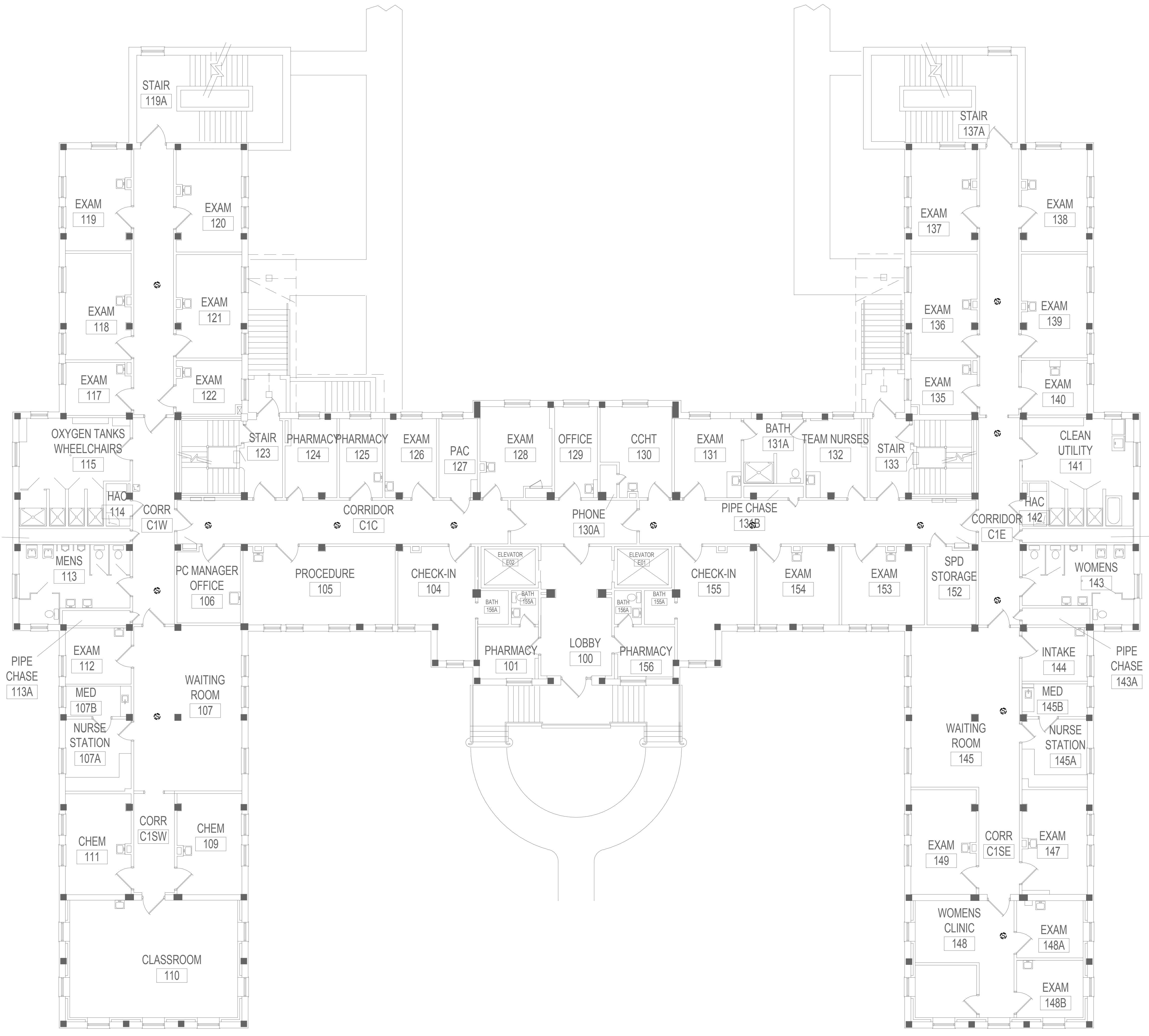
STAMP
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the Laws of the state of Minnesota.
 Signature: *Chris M. Pelliod*
 Name: Chris M. Pelliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 28 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED28-01	

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System



- GENERAL NOTES:**
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 - J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

1 BUILDING 29 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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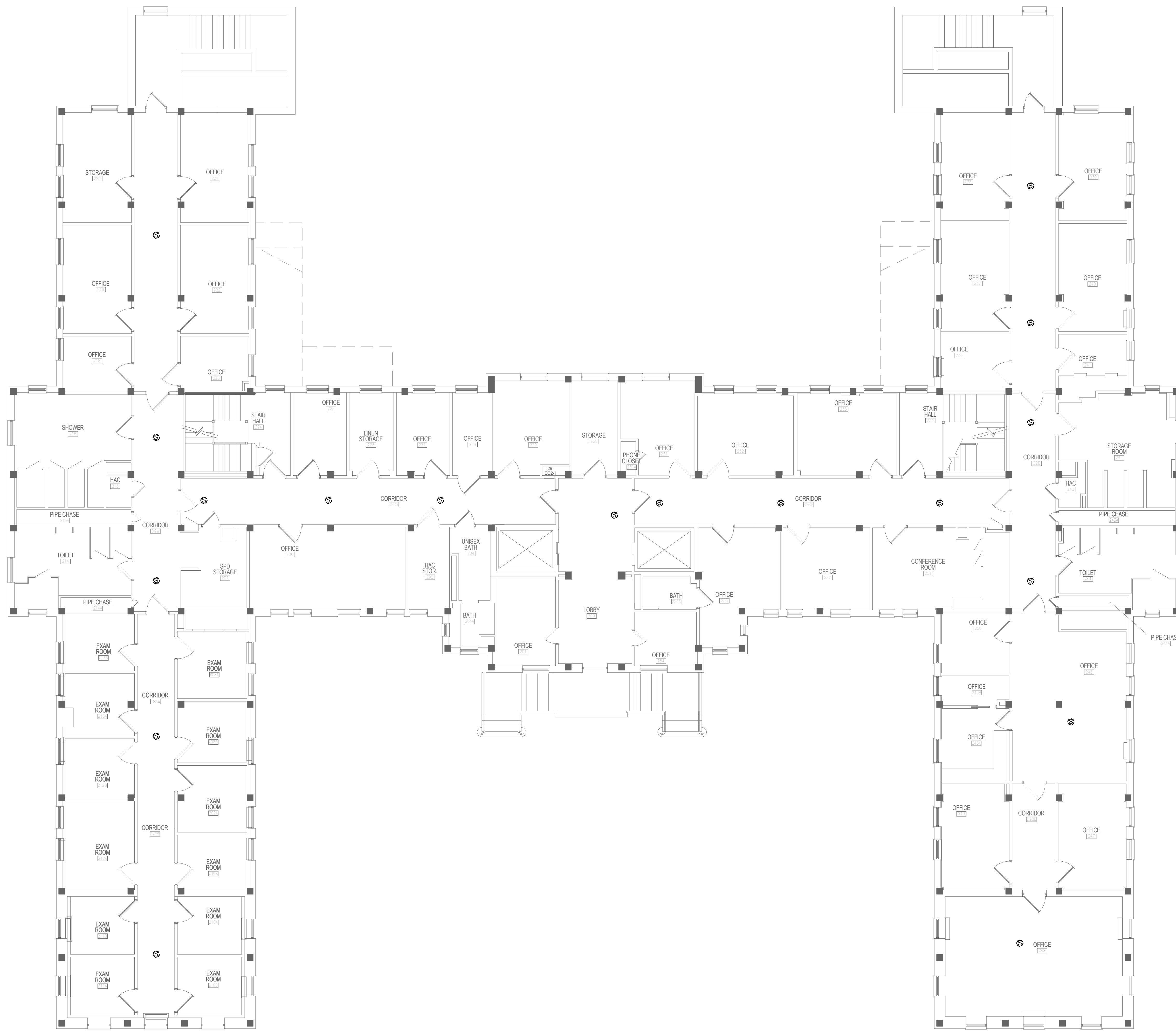
STAMP
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the Laws of the state of Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 29 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR	PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

BUILDING NO.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE	DRAWING NO.	ED29-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System



- GENERAL NOTES:**
- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
 - B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE UNACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
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 - D. MAINTAIN OPERATION OF ELECTRICAL SYSTEMS IN AREAS ADJACENT TO THE DEMOLITION AND INSTALL TEMPORARY CONNECTIONS TO CONTINUE OPERATION OF SYSTEMS. PERMANENTLY FEED EXISTING BRANCH CIRCUITS AND SYSTEMS REMAINING IN OPERATION AND REMOVE TEMPORARY PROVISIONS.
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 - J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

1 BUILDING 29 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
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 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

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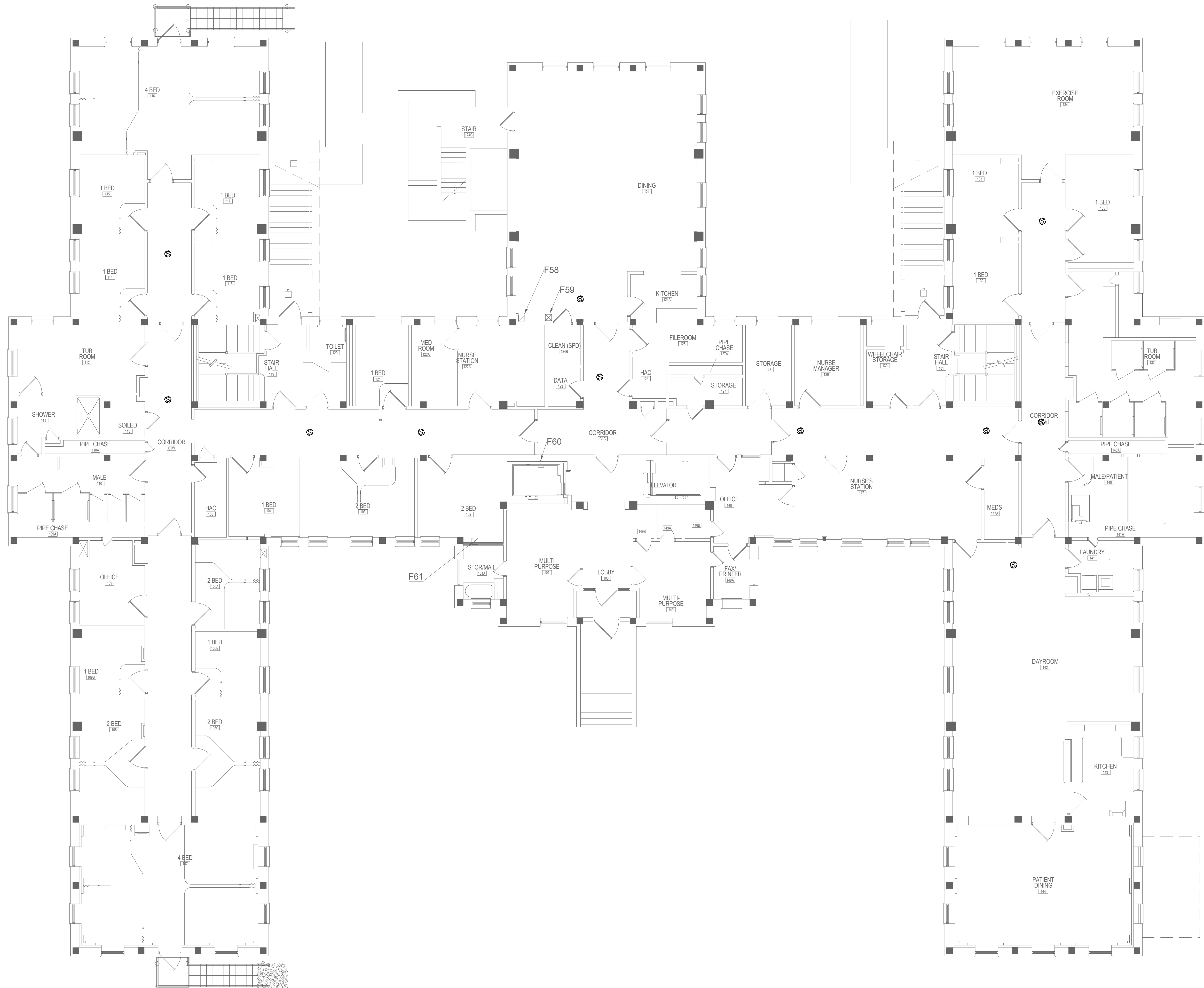
DRAWING TITLE BUILDING 29 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR	PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

BUILDING NO.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO.	ED29-02

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 48- PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 48 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DATE	DRAWING NO. ED48-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

A

B

C

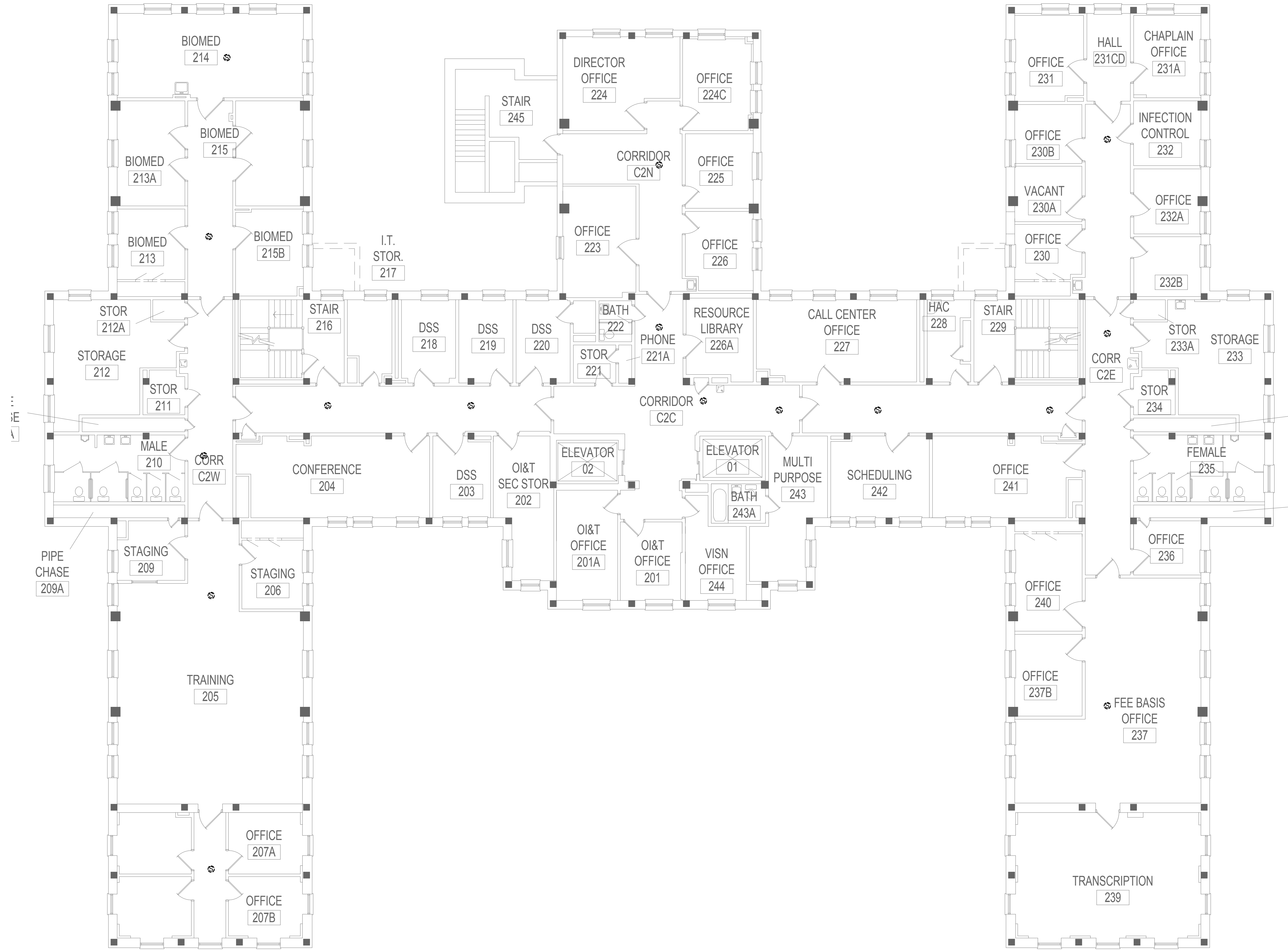
D

E

F

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- D. MAINTAIN OPERATION OF ELECTRICAL SYSTEMS IN AREAS ADJACENT TO THE DEMOLITION AND INSTALL TEMPORARY CONNECTIONS TO CONTINUE OPERATION OF SYSTEMS. PERMANENTLY FEED EXISTING BRANCH CIRCUITS AND SYSTEMS REMAINING IN OPERATION AND REMOVE TEMPORARY PROVISIONS.
- E. CONTRACTOR RESPONSIBLE FOR CUTTING AND PATCHING.
- F. CONTRACTOR RESPONSIBLE FOR PROVIDING REPLACEMENT CEILING TILES AFTER REMOVAL OF SPEAKERS. REPLACE CEILING TILE TO MATCH EXISTING ADJACENT CEILING TILE.
- G. COORDINATE THE DISCONNECTION OF LOW VOLTAGE SYSTEMS CABLES WITH THE OWNER AND REMOVE FROM UTILIZATION POINT TO SOURCE.
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



BUILDING 48 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
 1 BUILDING 08 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
 1/8" = 1'-0"

1/24/2019 11:29:40 PM
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Revisions:	Date:

CONSULTANT
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 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
 BUILDING 48 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED48-02	

VA
 U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

A

B

C

D

E

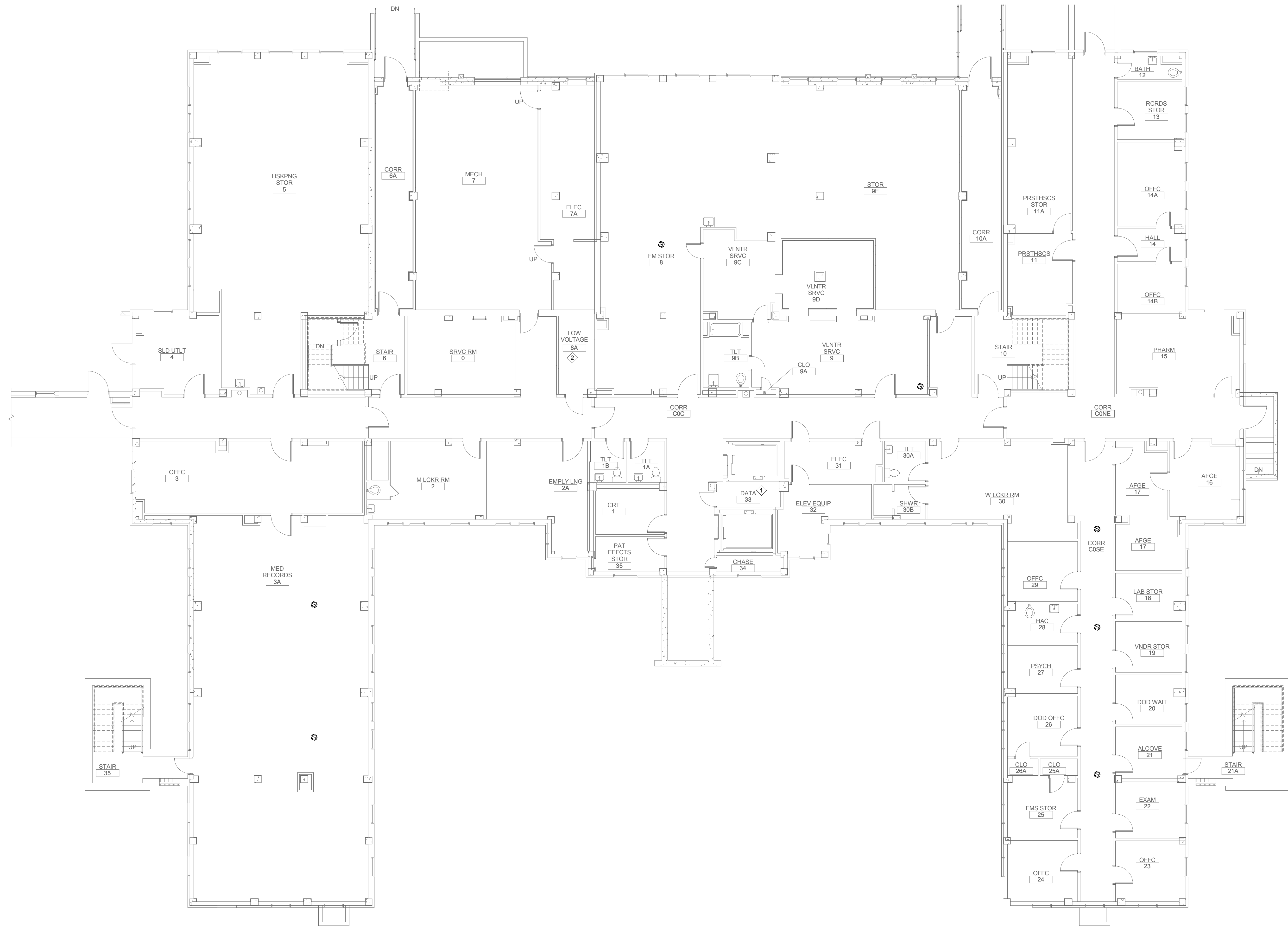
F

GENERAL NOTES:

- A. REFER TO SHEET ET.101 FOR LOCATION OF BUILDING ON CAMPUS.
- B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE UNACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
- C. DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
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- H. REMOVE CONDUIT AND CONDUCTORS FOR EXISTING DUKANE PUBLIC ADDRESS SYSTEM BEING DEMOLISHED.
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- ① DEMOLISH EXISTING PUBLIC ADDRESS SYSTEM CABLING, CONNECTIVITY AND ENCLOSURE. REMOVE 120VAC BACK TO SOURCE. REMOVE AND RETURN PUBLIC ADDRESS SYSTEM AMPLIFIER(S) TO OWNER. REMOVAL OF EXISTING SYSTEM SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.
- ② SALVAGE AND REINSTALL REMOVE PUBLIC ADDRESS SYSTEM NETWORK SWITCH AND ASSOCIATED COMPONENTS. RETURN TO OWNER. REMOVAL OF EQUIPMENT SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.



① BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/8" = 1'-0"

1/24/2019 11:29:40 PM

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Revisions:	Date:

CONSULTANT
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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

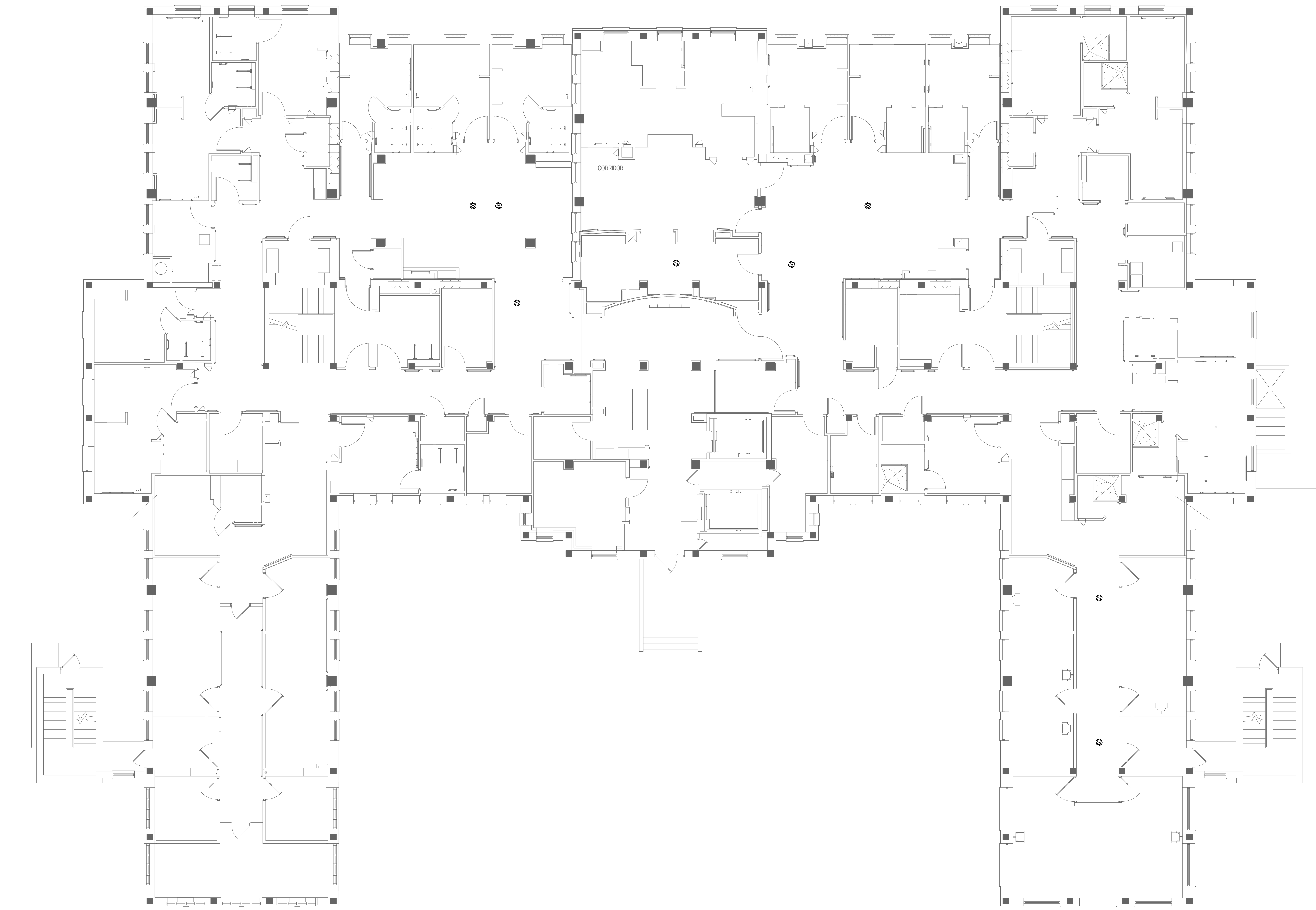
DRAWING TITLE BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT	
APPROVED ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	
DATE:	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:
BUILDING No.:	CHECKED BY:	DRAWN:
CP	CG	CG
ISSUE DATE:	DATE:	DRAWING NO.:
1/24/19	DATE:	ED49-00
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DATE:

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
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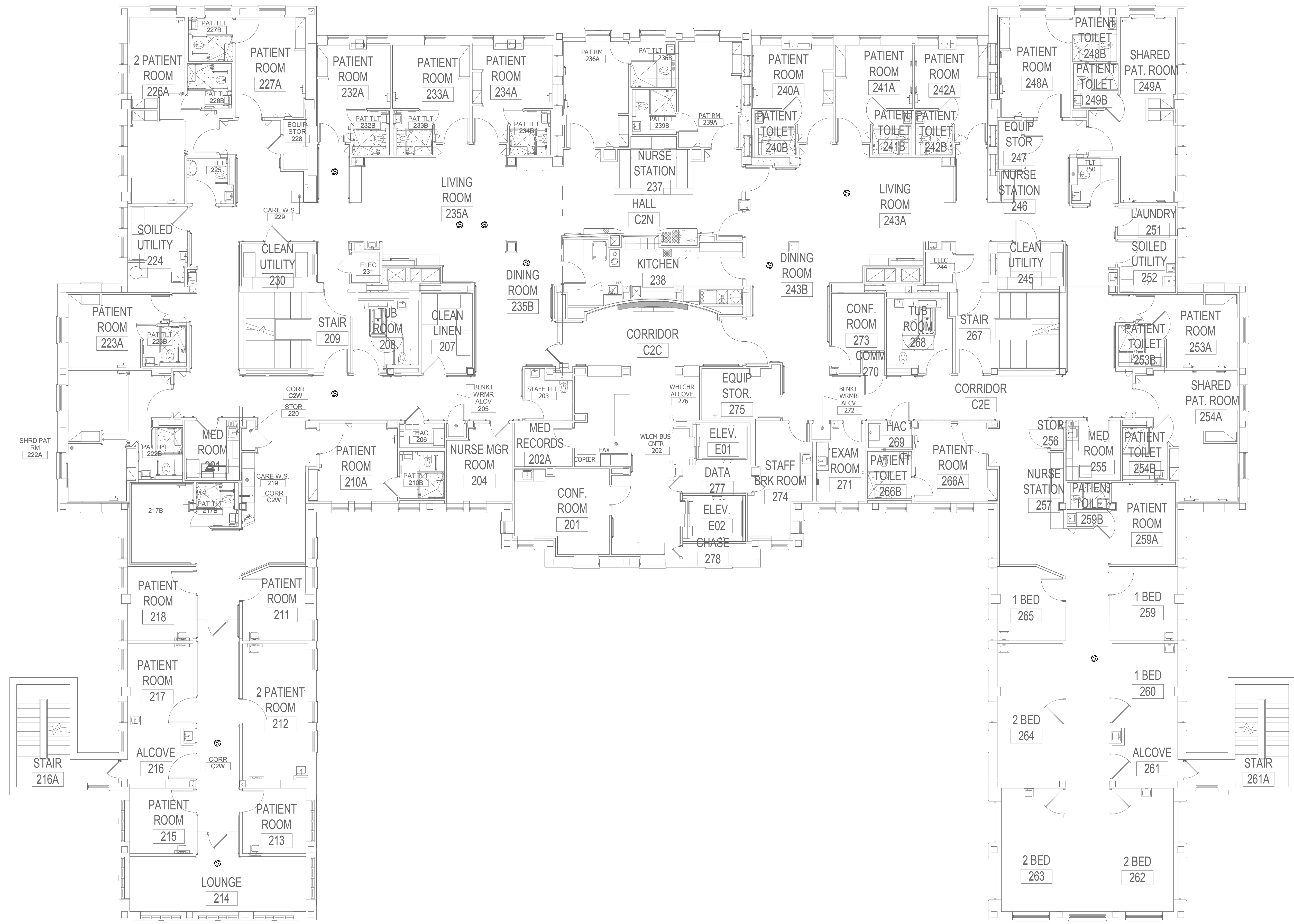
DRAWING TITLE
BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE
 APPROVED: CHIEF OF STAFF
 DATE
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE	DRAWING NO.	ED49-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

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Revisions:	Date:

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 49 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR	PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED49-02	

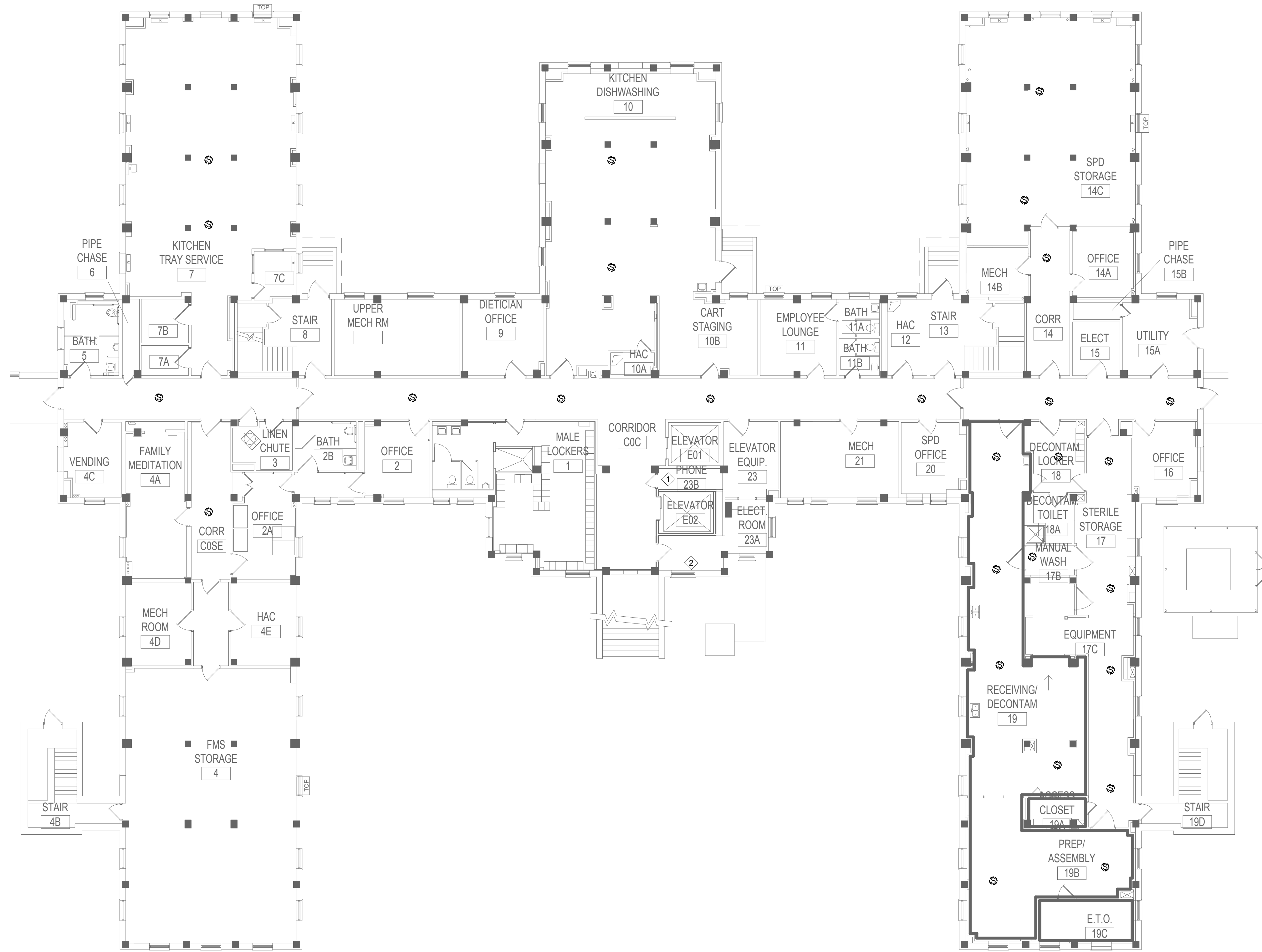
VA
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KEY NOTES:

- ① DEMOLISH EXISTING PUBLIC ADDRESS SYSTEM CABLING, CONNECTIVITY AND ENCLOSURE. REMOVE 120VAC BACK TO SOURCE. OWNER REMOVAL OF EXISTING SYSTEM SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.
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① 00 - 3/32" Signal - Demolition - BLDG 50
3/32" = 1'-0"

Revisions:	Date:

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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 50 - PAGING SPEAKER
DEMOLITION FLOOR PLAN - BASEMENT
 DATE:
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		FLUT SCALE
PROJECT NO.		
BUILDING No.	CHECKED BY	ISSUE DATE
	CP	1/24/19
	CG	
LOCATION	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303	ED50-00	

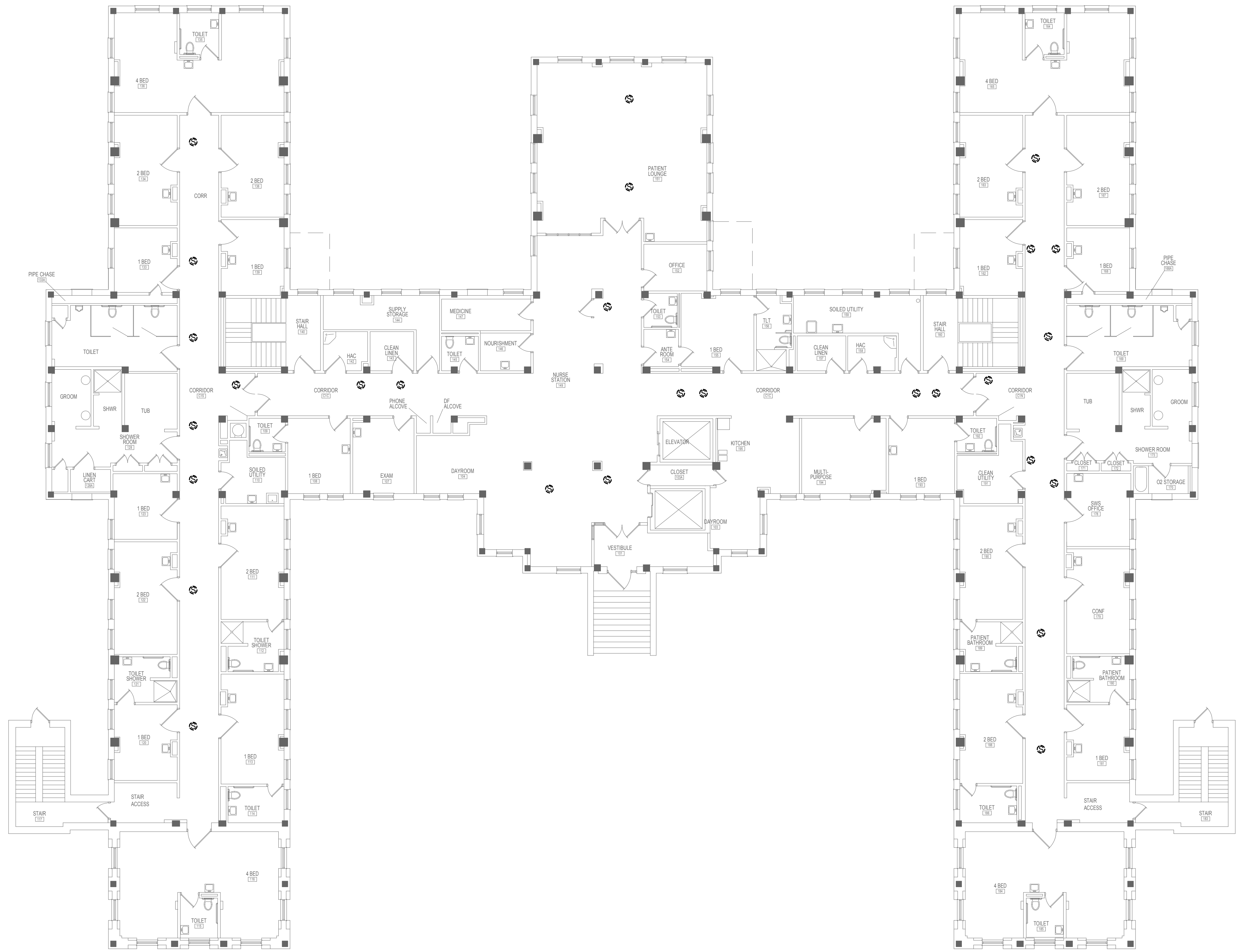
VA
U.S. Department of Veterans Affairs
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B
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D
E
F

GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 01 - 3/32" Signal - Demolition - BLDG 50
3/32" = 1'-0"

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Revisions:	Date:

CONSULTANT
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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 Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
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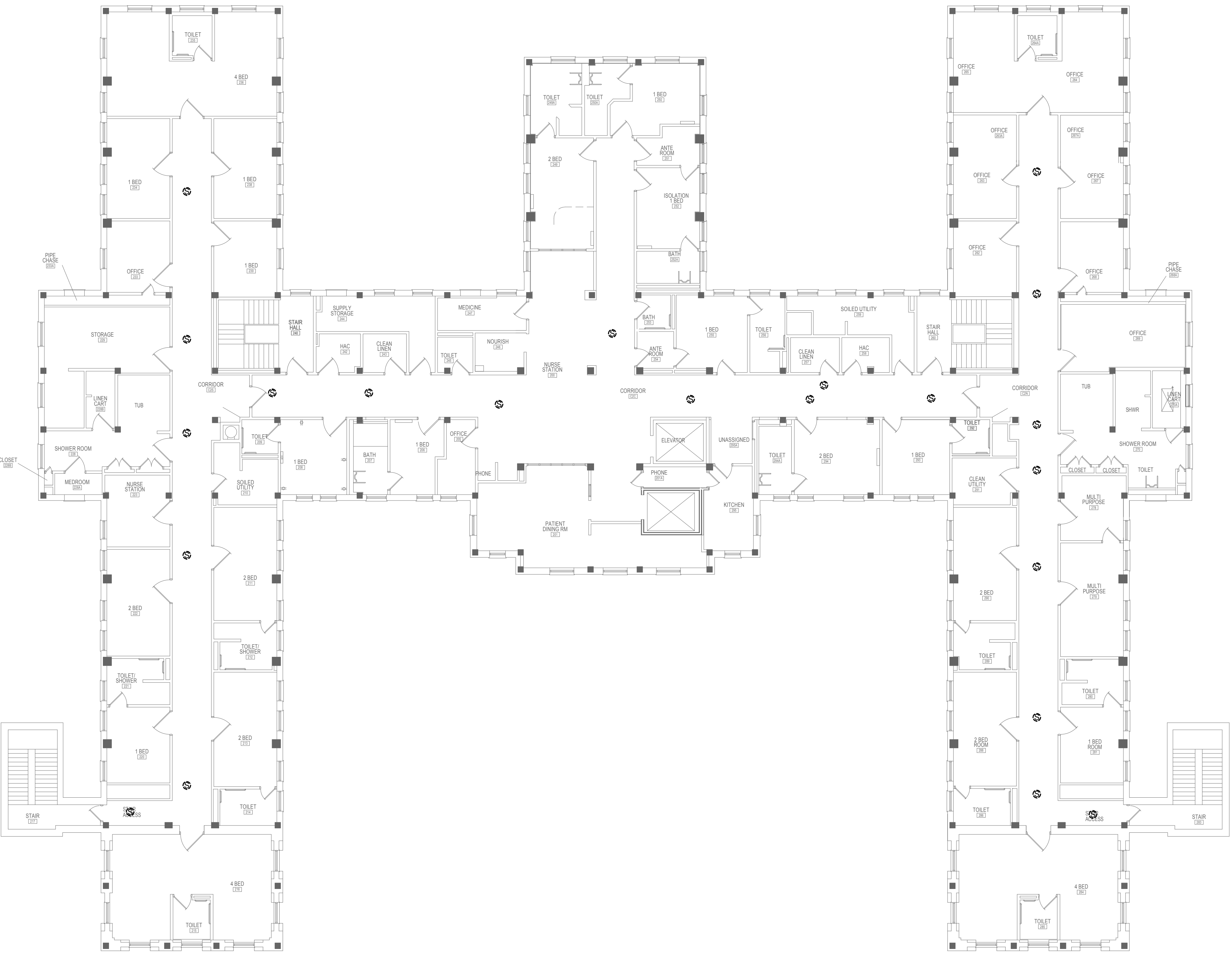
DRAWING TITLE
BUILDING 50 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	CP	CG	1/24/19
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO.	ED50-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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1 02 - 3/32" Signal - Demolition - BLDG 50
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Revisions:	Date:

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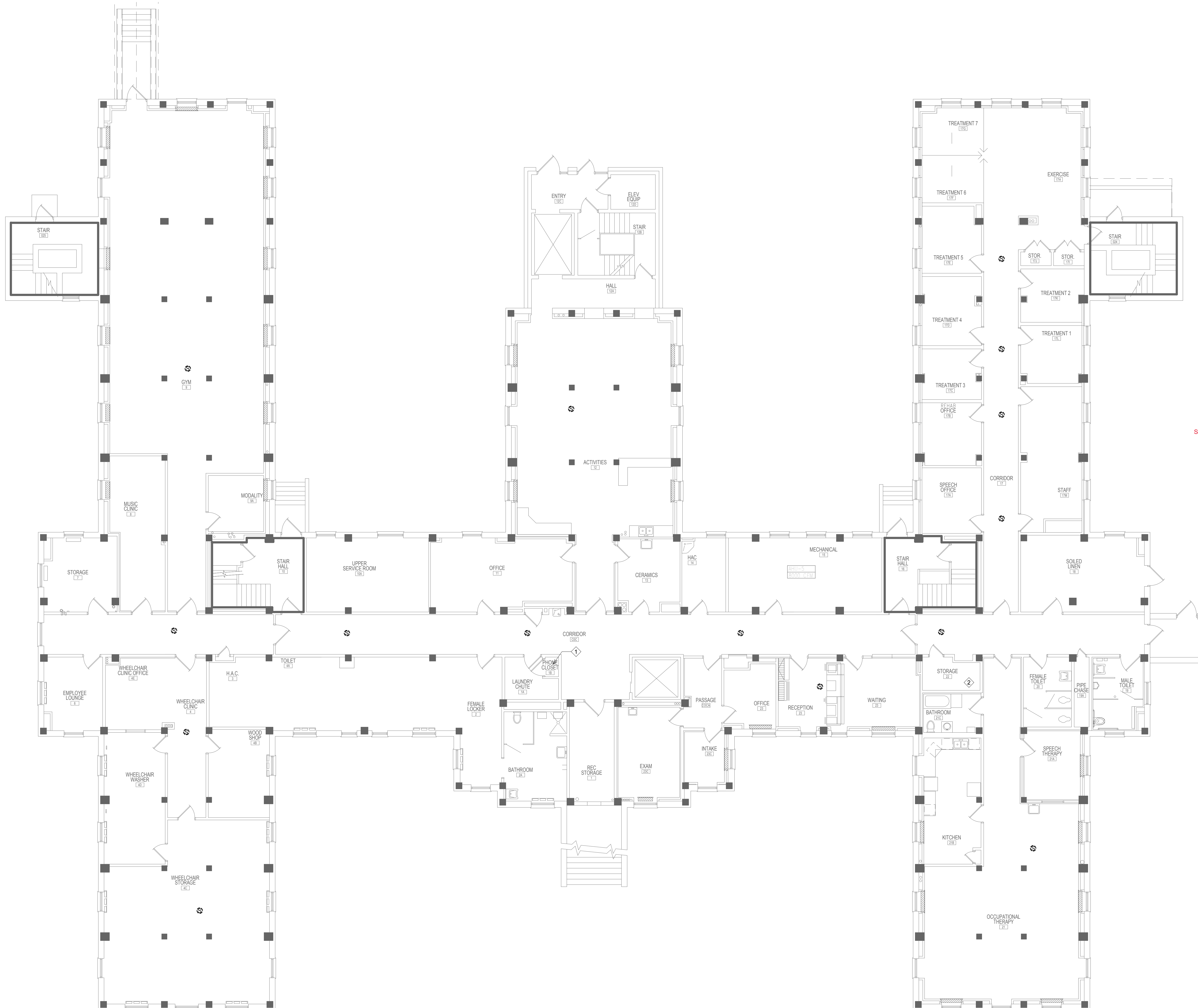
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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 50 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DRAWING NO. ED50-02	

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System



GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- ① DEMOLISH EXISTING PUBLIC ADDRESS SYSTEM CABLING, CONNECTIVITY AND ENCLOSURE. REMOVE 120VAC BACK TO SOURCE. REMOVE AND RETURN PUBLIC ADDRESS SYSTEM AMPLIFIER(S) TO OWNER. REMOVAL OF EXISTING SYSTEM SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.
- ② SALVAGE AND REINSTALL REMOVE PUBLIC ADDRESS SYSTEM NETWORK SWITCH AND ASSOCIATED COMPONENTS. RETURN TO OWNER. REMOVAL OF EQUIPMENT SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.

1 BUILDING 51 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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 Date: 1/24/19
 Registration Number: 50826

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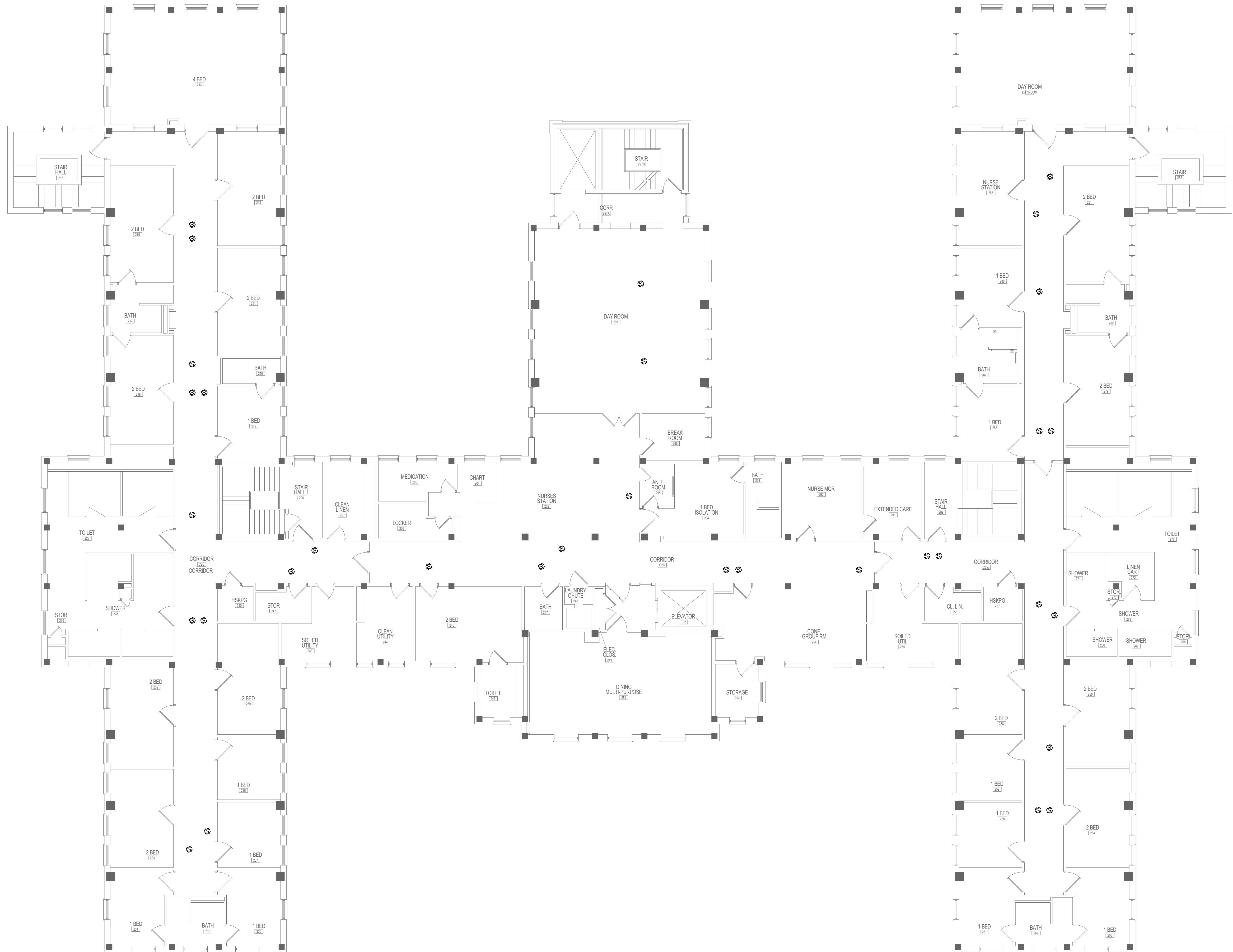
DRAWING TITLE
BUILDING 51 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		FLOT SCALE	
PROJECT NO.		PROJECT NO.	
APPROVED: CHIEF OF STAFF	DATE:	BUILDING No.	CHECKED BY
CP	CG	CG	CG
DATE:	DATE:	ISSUE DATE	DATE:
1/24/19	1/24/19	1/24/19	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DRAWING NO. ED51-00	

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 51 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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AE PROJECT NUMBER: Project Number

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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 51 - PAGING SPEAKER DEMOLITION FLOOR PLAN - SECOND FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
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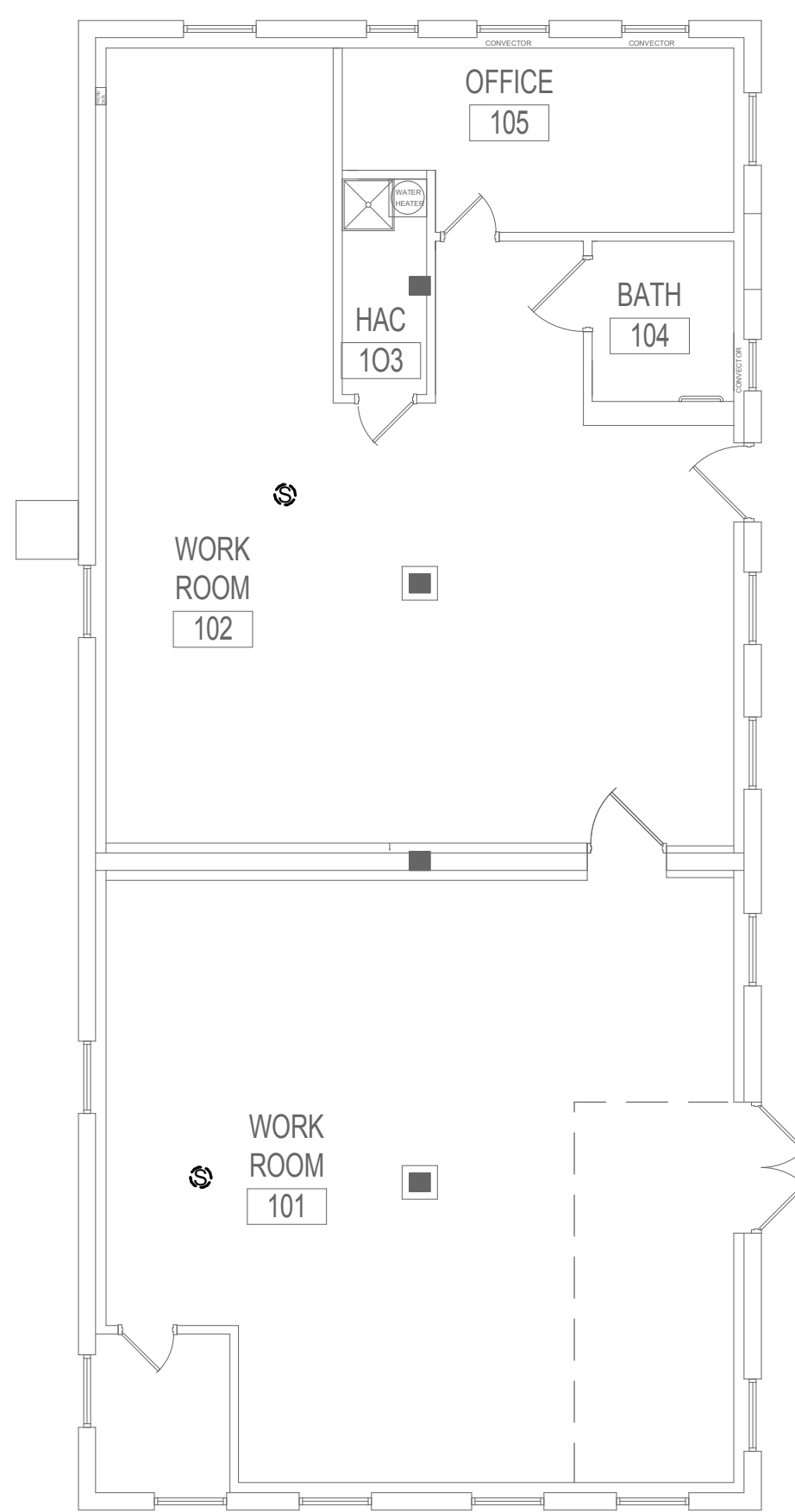
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED51-02	

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

A
B
C
D
E
F

GENERAL NOTES:

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1 BUILDING 57 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

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DRAWING TITLE
BUILDING 57 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
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 DATE:
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PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.:	CHECKED BY: CP	DRAWN: CG	ISSUE DATE: 1/24/19
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE:	DRAWING NO.:	ED57-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

A

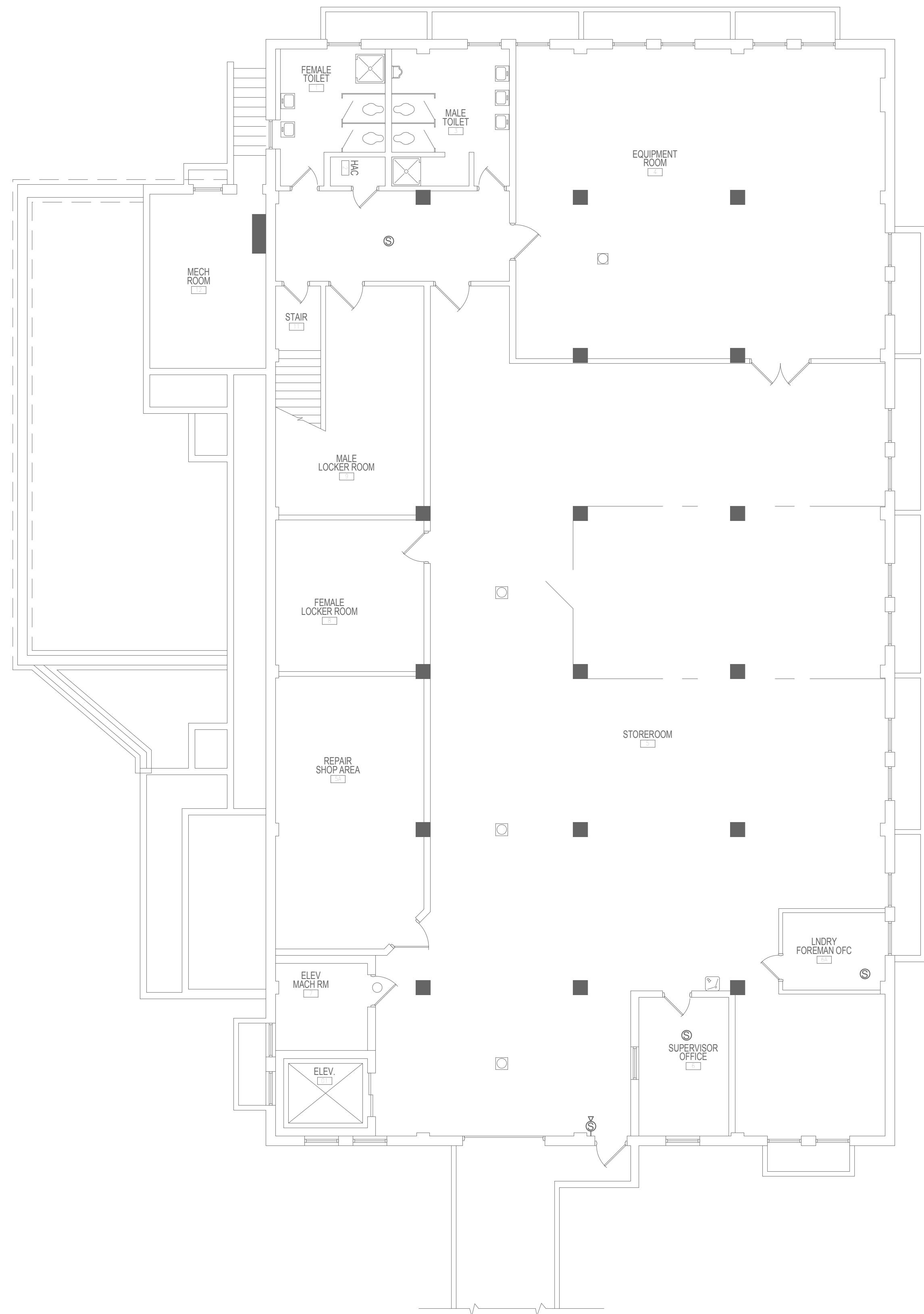
B

C

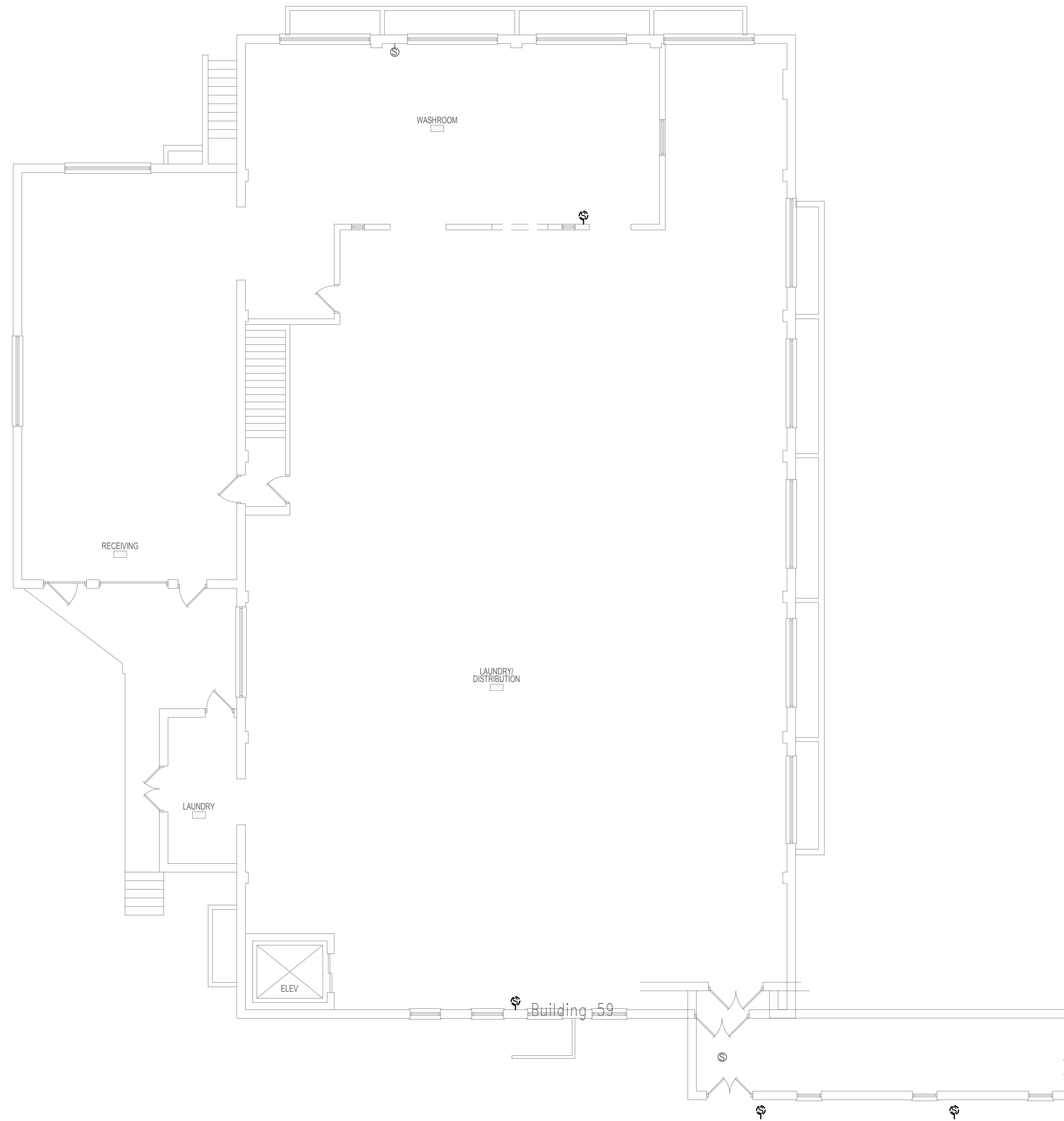
D

E

F



① BUILDING 59 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/8" = 1'-0"



② BUILDING 59 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
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- I. REPAIR OF EXISTING PAINTED AND FINISHED SURFACES: CLEAN, PATCH AND REPAIR EXISTING SURFACES DAMAGED OR ALTERED BY THIS WORK. NO "TELEGRAPHING" OF LINES, RIDGES, FLAKES, ETC. THROUGH NEW SURFACING IS PERMITTED. WHERE THIS OCCURS, SAND SMOOTH AND RE-FINISH UNTIL SURFACE MEETS COR'S APPROVAL. IN EXISTING ROOM OR AREAS WHERE ALTERATIONS BETWEEN NEW AND EXISTING FINISH WILL NOT SHOW IN FINISHED WORK, APPLY ONE (1) PRIME AND TWO (2) FINISH COATS OF PAINT TO MATCH ADJACENT SURFACES AND FINISHES.
- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

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Revisions:	Date:

CONSULTANT
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 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE	
BUILDING 59 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT	
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	
DATE:	
APPROVED: CHIEF OF STAFF	
DATE:	
APPROVED: HEALTH CARE SYSTEM DIRECTOR	
DATE:	

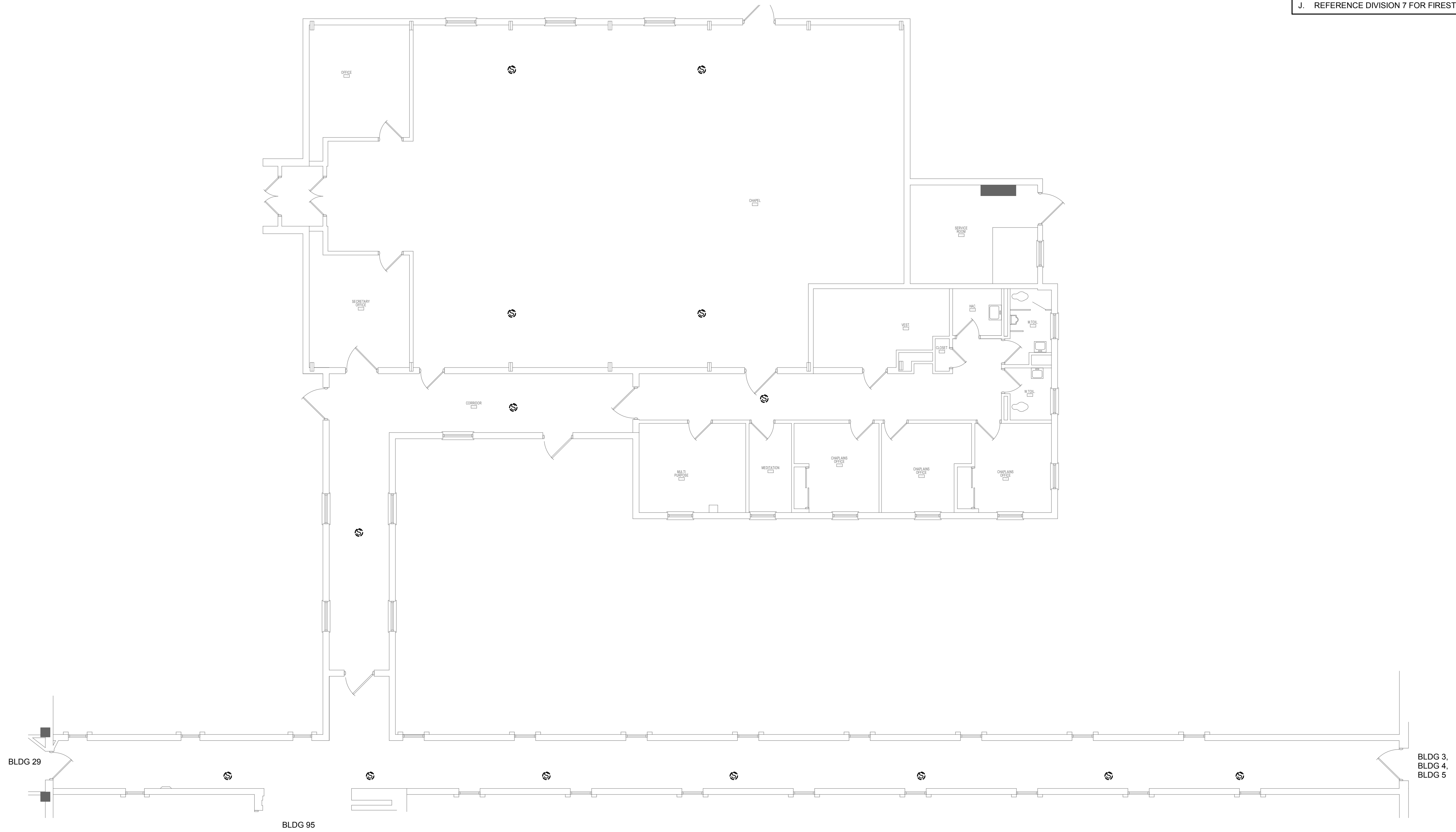
PROJECT TITLE		PROJECT NO.	
UPGRADE PUBLIC ADDRESS SYSTEM			
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION		DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED59-00	



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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1 BUILDING 88 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

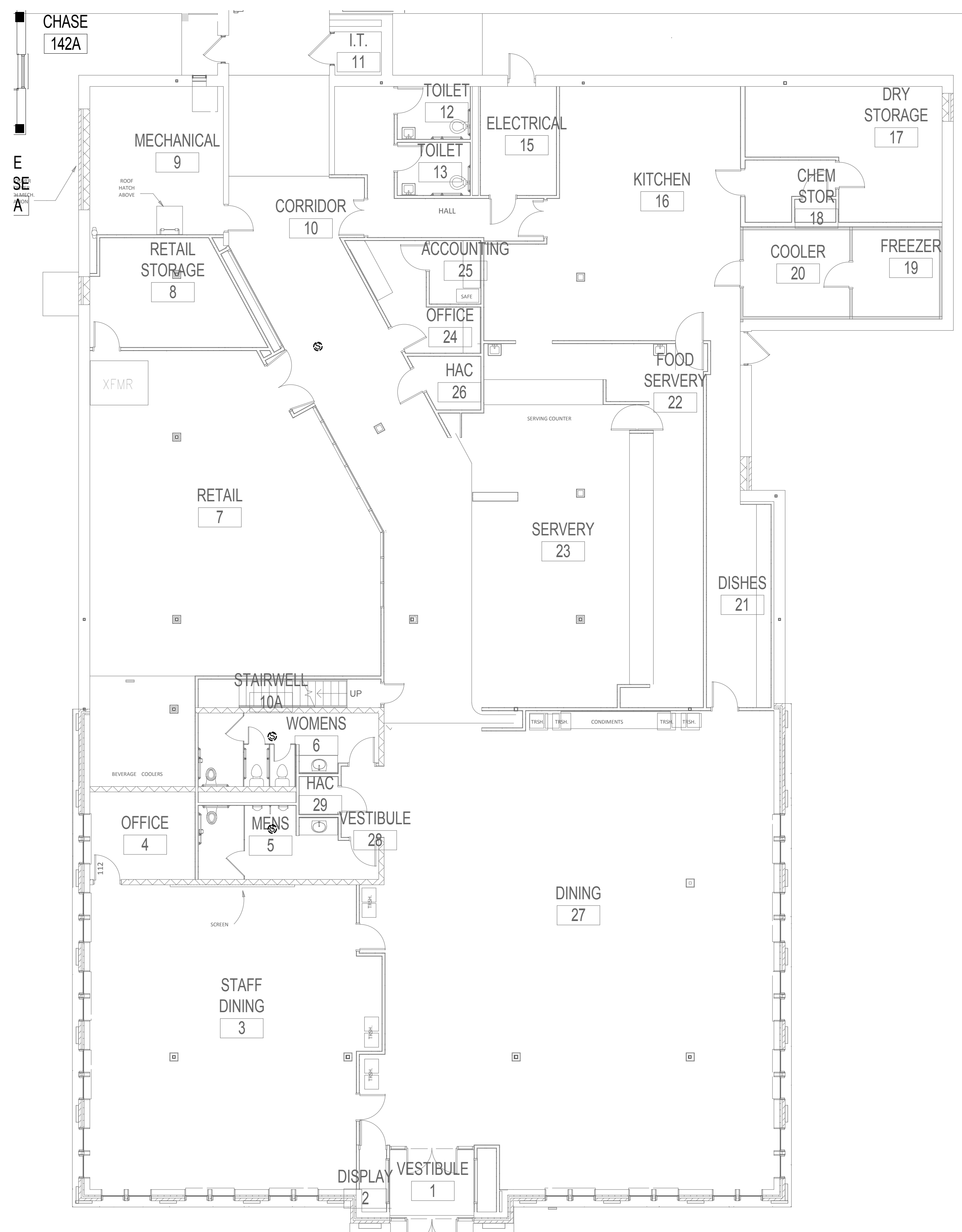
DRAWING TITLE
BUILDING 88 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED88-01	

VA 
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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1 BUILDING 95 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

Revisions:	Date:

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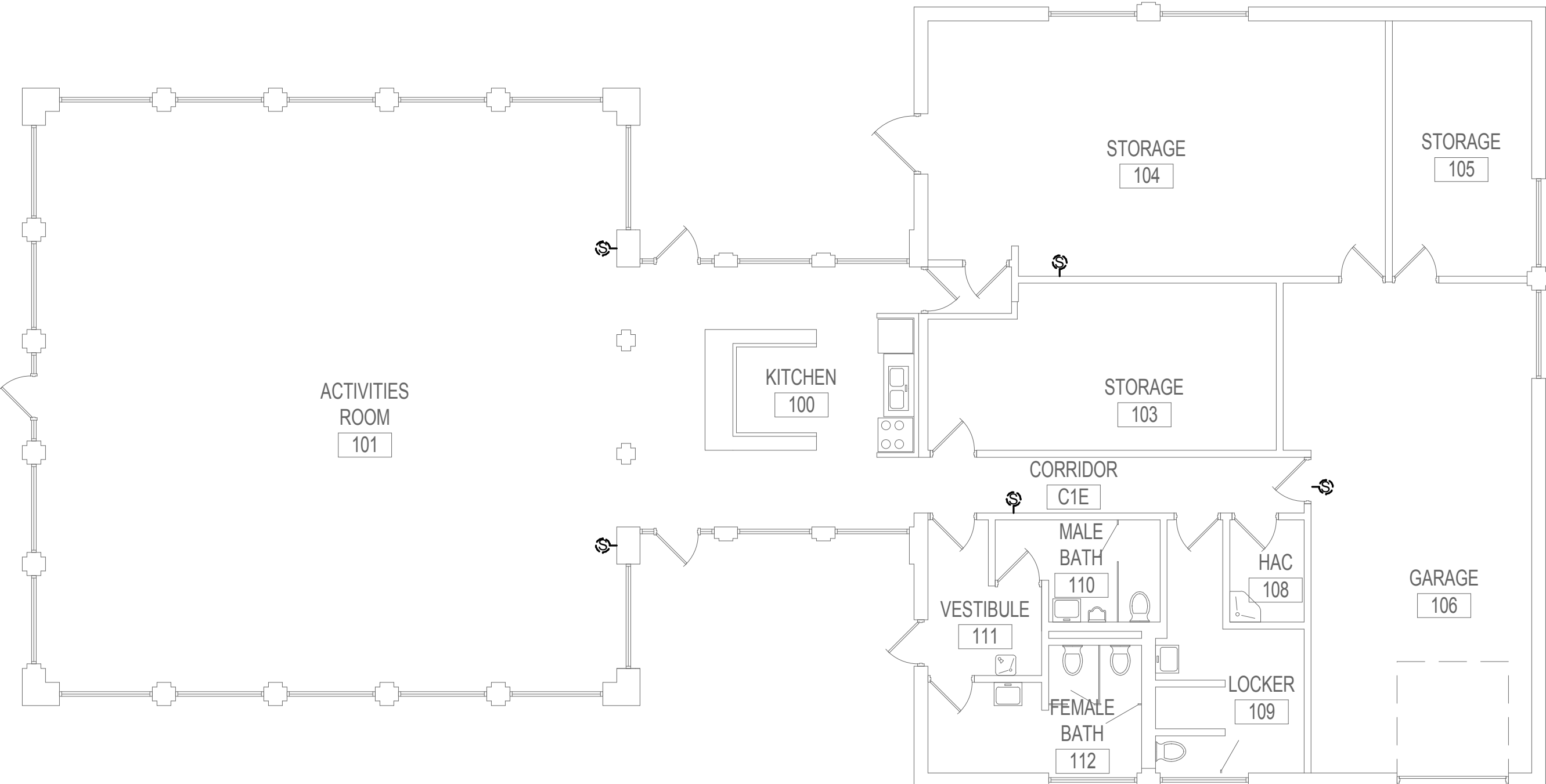
DRAWING TITLE
BUILDING 95 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM				PLLOT SCALE
PROJECT NO.				
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE	
	CP	CG	1/24/19	
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303			DRAWING NO.	ED95-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.



1 BUILDING 96 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
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DRAWING TITLE
BUILDING 96 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	CP	CG	1/24/19
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO.	ED96-01

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

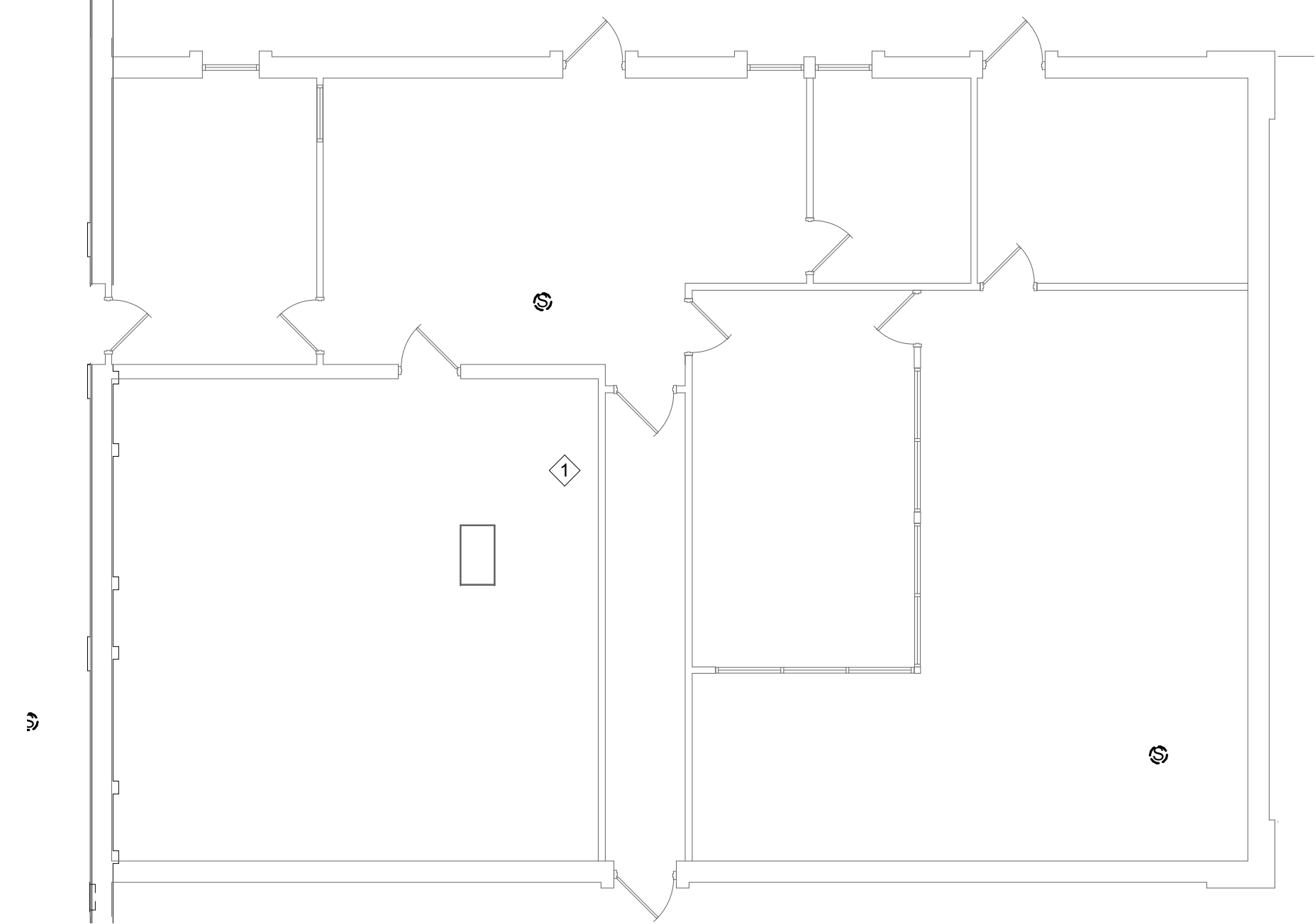
A
B
C
D
E
F

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- J. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- ◆ DEMOLISH PAGING ADDRESS SYSTEM CAMPUS HEADEND EQUIPMENT AND ASSOCIATED CABLING AND CONNECTIVITY. REMOVE TO/BACK TO SOURCE. REMOVE AND RETURN HEADEND ELECTRONICS, AMPLIFIERS AND JOD EQUIPMENT TO OWNER. COORDINATE WITH QUINER TO CONFIRM ITEMS TO BE SALVAGED.
- PA SYSTEM HEAD END IN BUILDING 108 HAS ALREADY BEEN DEMOLISHED. EXISTING PA SPEAKER CIRCUITS HAVE BEEN EXTENDED FROM BUILDING 108 TO THE NEW PA HEAD END IN THE BUILDING 4 DATA CENTER. AFTER THE EXISTING PA SPEAKER CIRCUITS HAVE BEEN DISCONNECTED FROM THE PA HEAD END, THE CONTRACTOR SHALL DEMOLISH THESE EXTENDED CIRCUITS BETWEEN BUILDING 108 AND BUILDING 4.



1 BUILDING 108 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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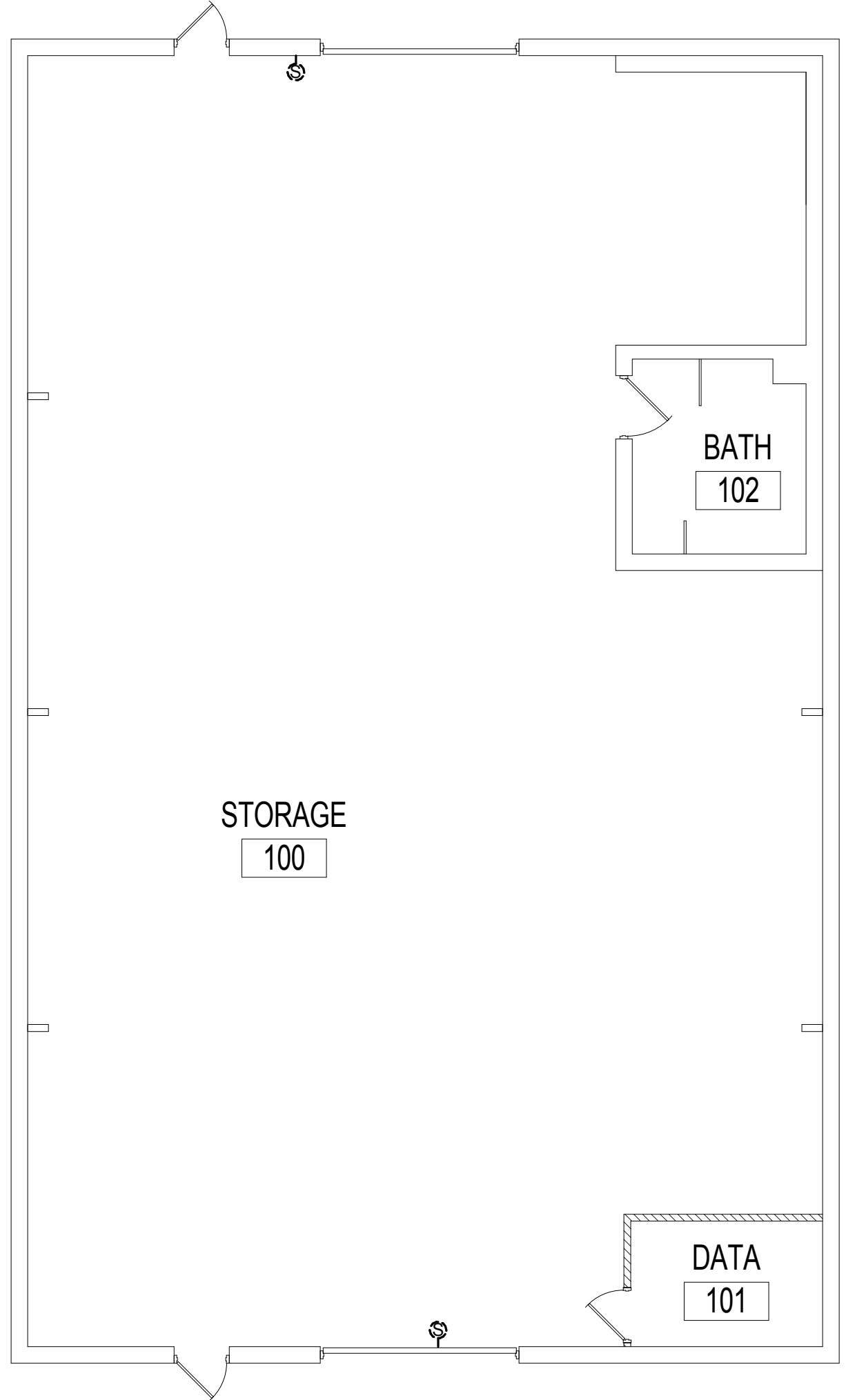
DRAWING TITLE
BUILDING 108 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED108-01	

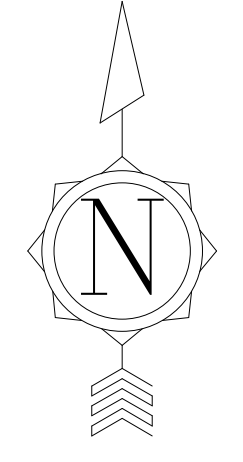
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1 BUILDING 109 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
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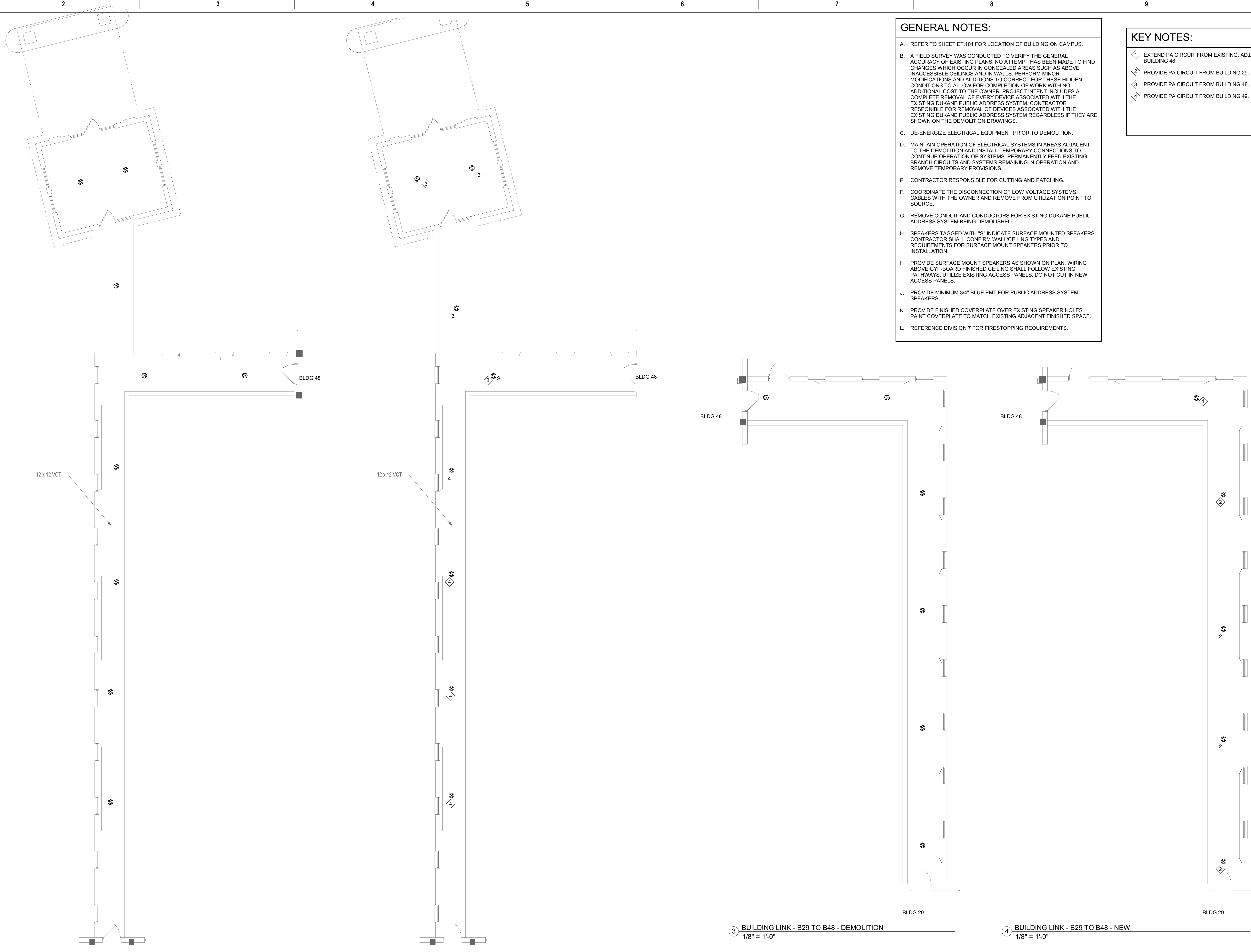
STAMP
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the Laws of the state of Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 109 - PAGING SPEAKER DEMOLITION FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ED109-01	

VA  **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System



GENERAL NOTES:

- A. REFER TO SHEET ET-101 FOR LOCATION OF BUILDING ON CAMPUS.
- B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
- C. DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
- D. MAINTAIN OPERATION OF ELECTRICAL SYSTEMS IN AREAS ADJACENT TO THE DEMOLITION AND INSTALL TEMPORARY CONNECTIONS TO CONTINUE OPERATION OF SYSTEMS. PERMANENTLY FEED EXISTING BRANCH CIRCUITS AND SYSTEMS REMAINING IN OPERATION AND REMOVE TEMPORARY PROVISIONS.
- E. CONTRACTOR RESPONSIBLE FOR CUTTING AND PATCHING.
- F. COORDINATE THE DISCONNECTION OF LOW VOLTAGE SYSTEMS CABLES WITH THE OWNER AND REMOVE FROM UTILIZATION POINT TO SOURCE.
- G. REMOVE CONDUIT AND CONDUCTORS FOR EXISTING DUKANE PUBLIC ADDRESS SYSTEM BEING DEMOLISHED.
- H. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
- I. PROVIDE SURFACE MOUNT SPEAKERS AS SHOWN ON PLAN. WIRING ABOVE GYP-BOARD FINISHED CEILING SHALL FOLLOW EXISTING PATHWAYS. UTILIZE EXISTING ACCESS PANELS. DO NOT CUT IN NEW ACCESS PANELS.
- J. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.
- K. PROVIDE FINISHED COVERPLATE OVER EXISTING SPEAKER HOLES. PAINT COVERPLATE TO MATCH EXISTING ADJACENT FINISHED SPACE.
- L. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- ① EXTEND PA CIRCUIT FROM EXISTING, ADJACENT SPEAKER FROM BUILDING 48.
- ② PROVIDE PA CIRCUIT FROM BUILDING 29.
- ③ PROVIDE PA CIRCUIT FROM BUILDING 48.
- ④ PROVIDE PA CIRCUIT FROM BUILDING 49.

① BUILDING LINK - B48 TO B49 - DEMOLITION
1/8" = 1'-0"

② BUILDING LINK - B48 TO B49 - NEW
1/8" = 1'-0"

③ BUILDING LINK - B29 TO B48 - DEMOLITION
1/8" = 1'-0"

④ BUILDING LINK - B29 TO B48 - NEW
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT
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AE PROJECT NUMBER: Project Number

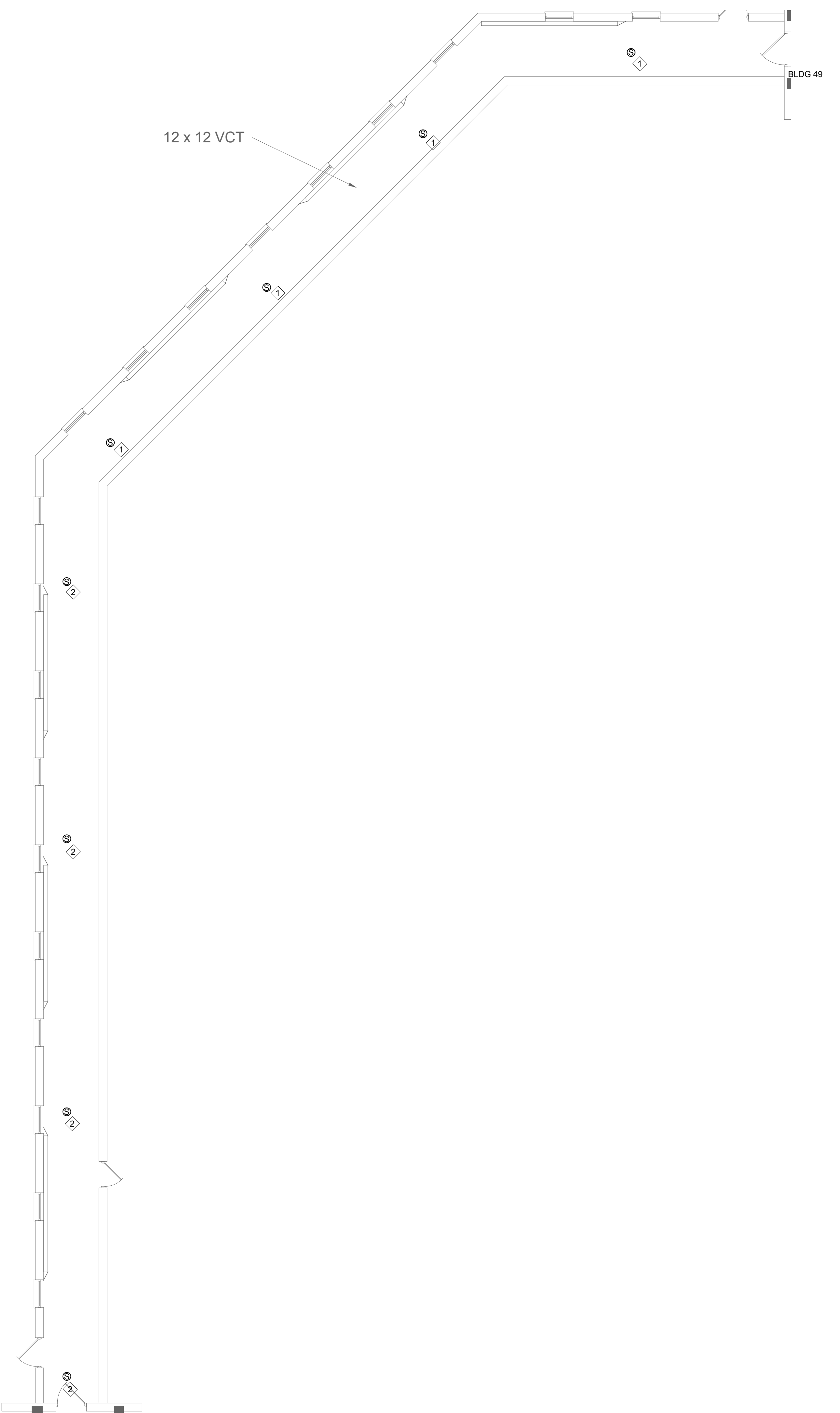
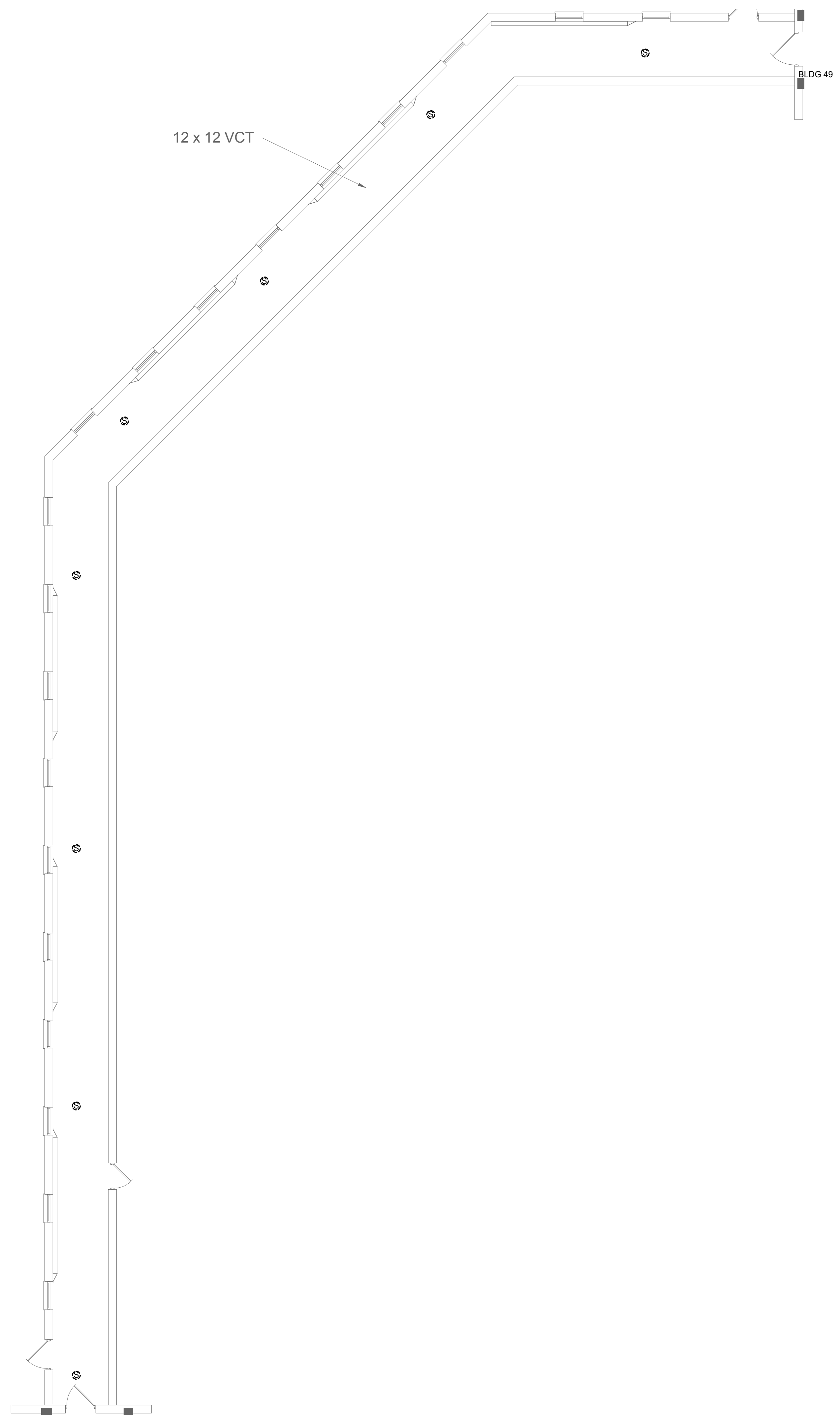
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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING LINK - B29 TO B48 & B48 TO B49 - DEMOLITION AND NEW PLANS	DATE:
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING NO.:	CHECKED BY: CP
ISSUE DATE: 1/24/19	DRAWN: CG
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO.: EDT001

VA
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System



- GENERAL NOTES:**
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 - C. DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
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 - J. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS
 - K. PROVIDE FINISHED COVERPLATE OVER EXISTING SPEAKER HOLES. PAINT COVERPLATE TO MATCH EXISTING ADJACENT FINISHED SPACE.
 - L. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

- KEY NOTES:**
- ① PROVIDE PA CIRCUIT FROM BUILDING 49.
 - ② PROVIDE PA CIRCUIT FROM BUILDING 50.

1 BUILDING LINK - B49 TO B50 - DEMOLITION
1/8" = 1'-0"

2 BUILDING LINK - B49 TO B50 - NEW
1/8" = 1'-0"

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Revisions:	Date:

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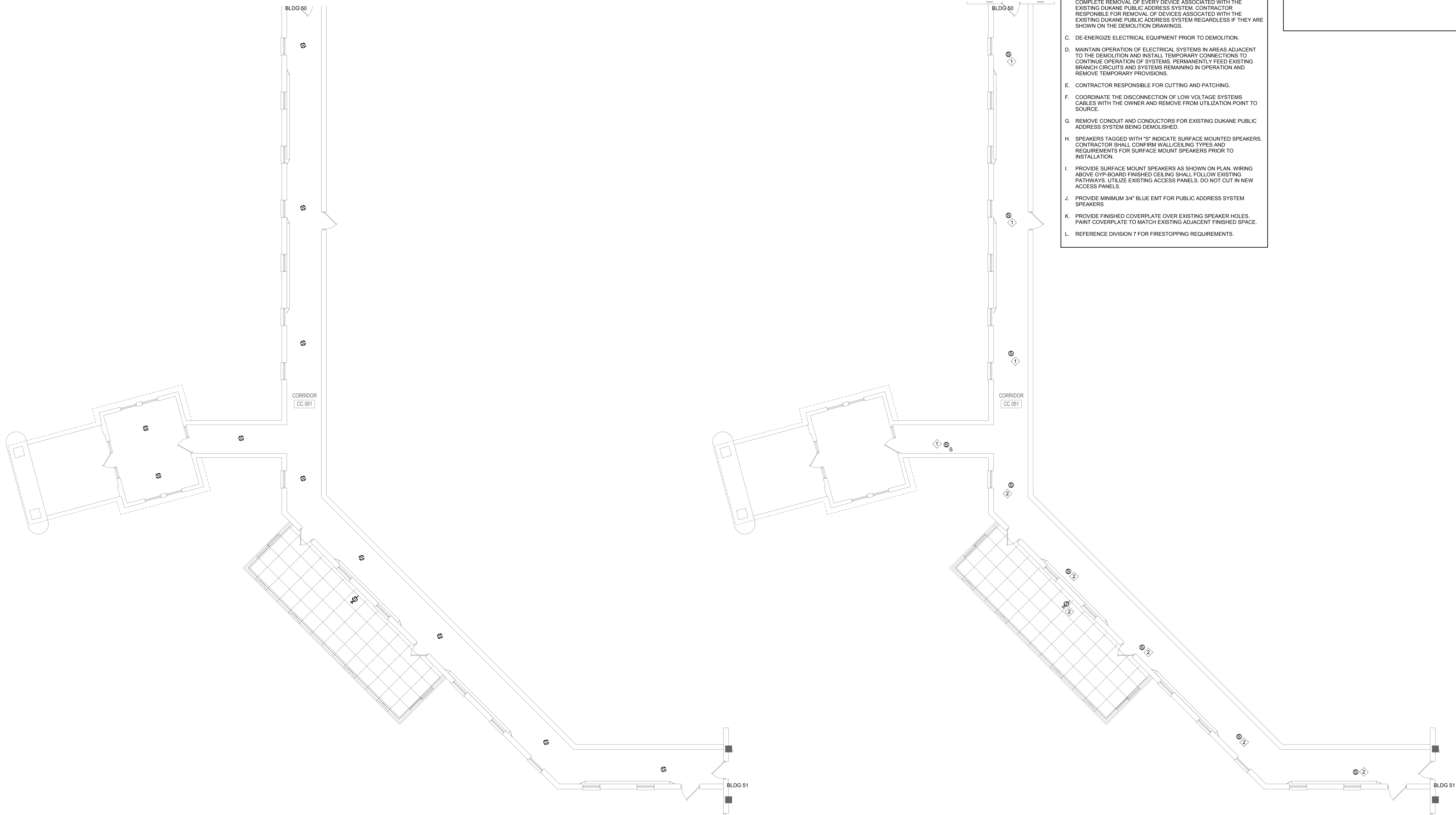
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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING LINK - B49 TO B50 - DEMOLITION AND NEW PLANS
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.:	CHECKED BY:	DRAWN:	ISSUE DATE:
	CP	CG	1/24/19
LOCATION	DATE:	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		EDT002	



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System



GENERAL NOTES:

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- B. A FIELD SURVEY WAS CONDUCTED TO VERIFY THE GENERAL ACCURACY OF EXISTING PLANS. NO ATTEMPT HAS BEEN MADE TO FIND CHANGES WHICH OCCUR IN CONCEALED AREAS SUCH AS ABOVE INACCESSIBLE CEILINGS AND IN WALLS. PERFORM MINOR MODIFICATIONS AND ADDITIONS TO CORRECT FOR THESE HIDDEN CONDITIONS TO ALLOW FOR COMPLETION OF WORK WITH NO ADDITIONAL COST TO THE OWNER. PROJECT INTENT INCLUDES A COMPLETE REMOVAL OF EVERY DEVICE ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM. CONTRACTOR RESPONSIBLE FOR REMOVAL OF DEVICES ASSOCIATED WITH THE EXISTING DUKANE PUBLIC ADDRESS SYSTEM REGARDLESS IF THEY ARE SHOWN ON THE DEMOLITION DRAWINGS.
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- L. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- ① PROVIDE PA CIRCUIT FROM BUILDING 50.
- ② PROVIDE PA CIRCUIT FROM BUILDING 51.

① BUILDING LINK - B50 TO B51 - DEMOLITION
1/8" = 1'-0"

② BUILDING LINK - B50 TO B51 - NEW
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT
DUNHAM ASSOCIATES (0419950-001-00)

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING LINK - B50 TO B51 - DEMOLITION AND NEW PLANS
 DATE:
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:	APPROVED: CHIEF OF STAFF	DATE:
BUILDING NO.:	CHECKED BY: CP	DRAWN: CG	ISSUE DATE: 1/24/19
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE:	DRAWING NO.:	EDT003

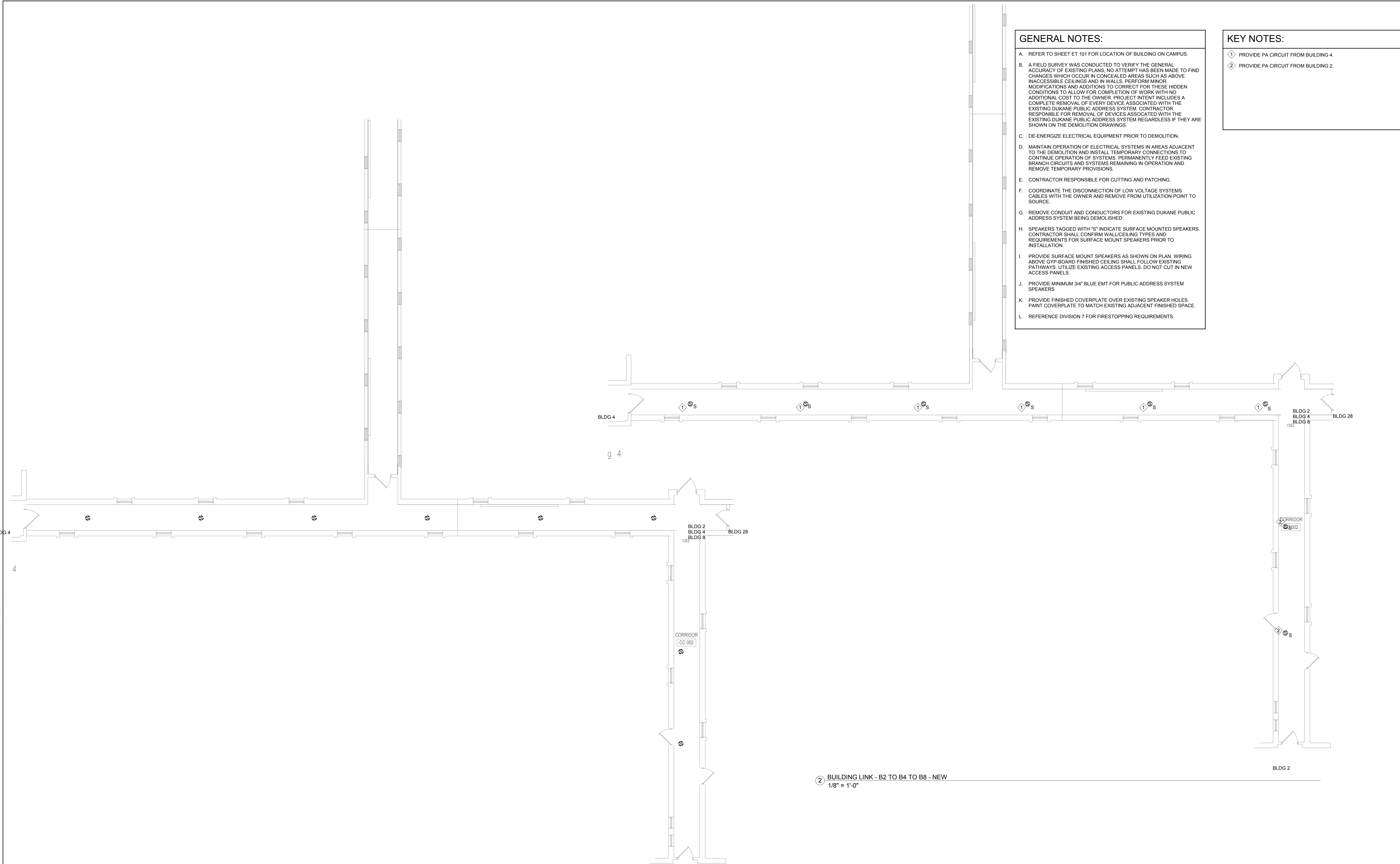
VA |
U.S. Department of Veterans Affairs
 Veterans Health Administration
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- C. DE-ENERGIZE ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION.
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- L. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- ① PROVIDE PA CIRCUIT FROM BUILDING 4.
- ② PROVIDE PA CIRCUIT FROM BUILDING 2.



① BUILDING LINK - B2 TO B4 TO B8 - DEMOLITION
1/8" = 1'-0"

② BUILDING LINK - B2 TO B4 TO B8 - NEW
1/8" = 1'-0"

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Revisions:	Date:

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DRAWING TITLE BUILDING LINK - B2 TO B4 TO B8 - DEMOLITION AND NEW PLANS
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY: CP
DATE:	CG
ISSUE DATE 1/24/19	DRAWING NO. EDT004
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE:

VA

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

A

B

C

D

E

F

A

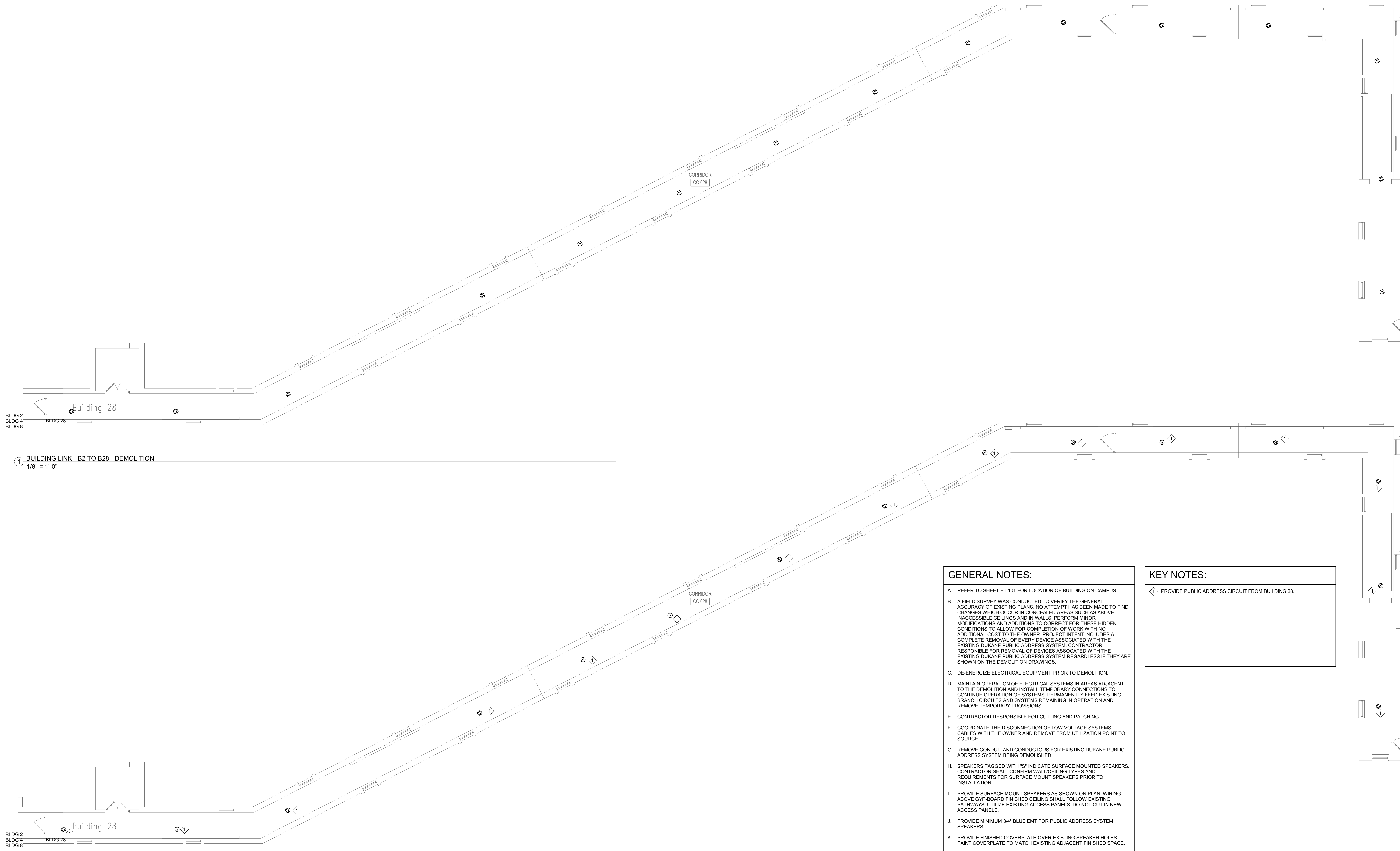
B

C

D

E

F



1 BUILDING LINK - B2 TO B28 - DEMOLITION
1/8" = 1'-0"

2 BUILDING LINK - B2 TO B28 - NEW
1/8" = 1'-0"

- GENERAL NOTES:**
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 - L. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

- KEY NOTES:**
- ◇ PROVIDE PUBLIC ADDRESS CIRCUIT FROM BUILDING 28.

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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING LINK - B2 TO B28 - DEMOLITION AND NEW PLANS
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE
UPGRADE PUBLIC ADDRESS SYSTEM
 PROJECT NO.:
 PLLOT SCALE:
 BUILDING No.:
 CHECKED BY: CP
 DRAWN: CG
 ISSUE DATE: 1/24/19
 LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303
 DRAWING NO.: EDT005



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.

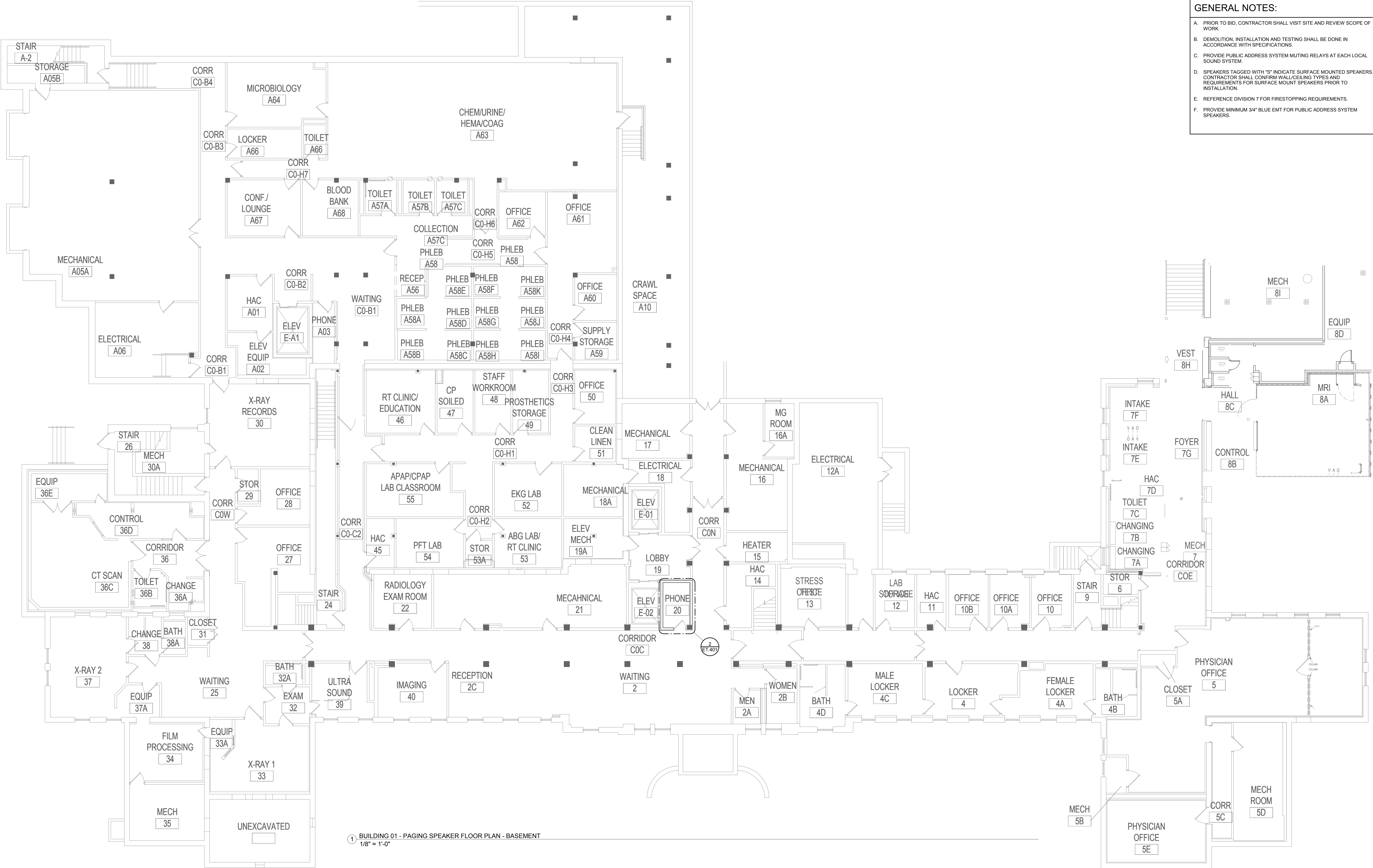
B. DEMOLITION, INSTALLATION AND TESTING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS.

C. PROVIDE PUBLIC ADDRESS SYSTEM MUTING RELAYS AT EACH LOCAL SOUND SYSTEM.

D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.

E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 01 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"

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Signature
Name: Chris M. Piliod, P.E.
Date: 1/24/19
Registration Number: 50826

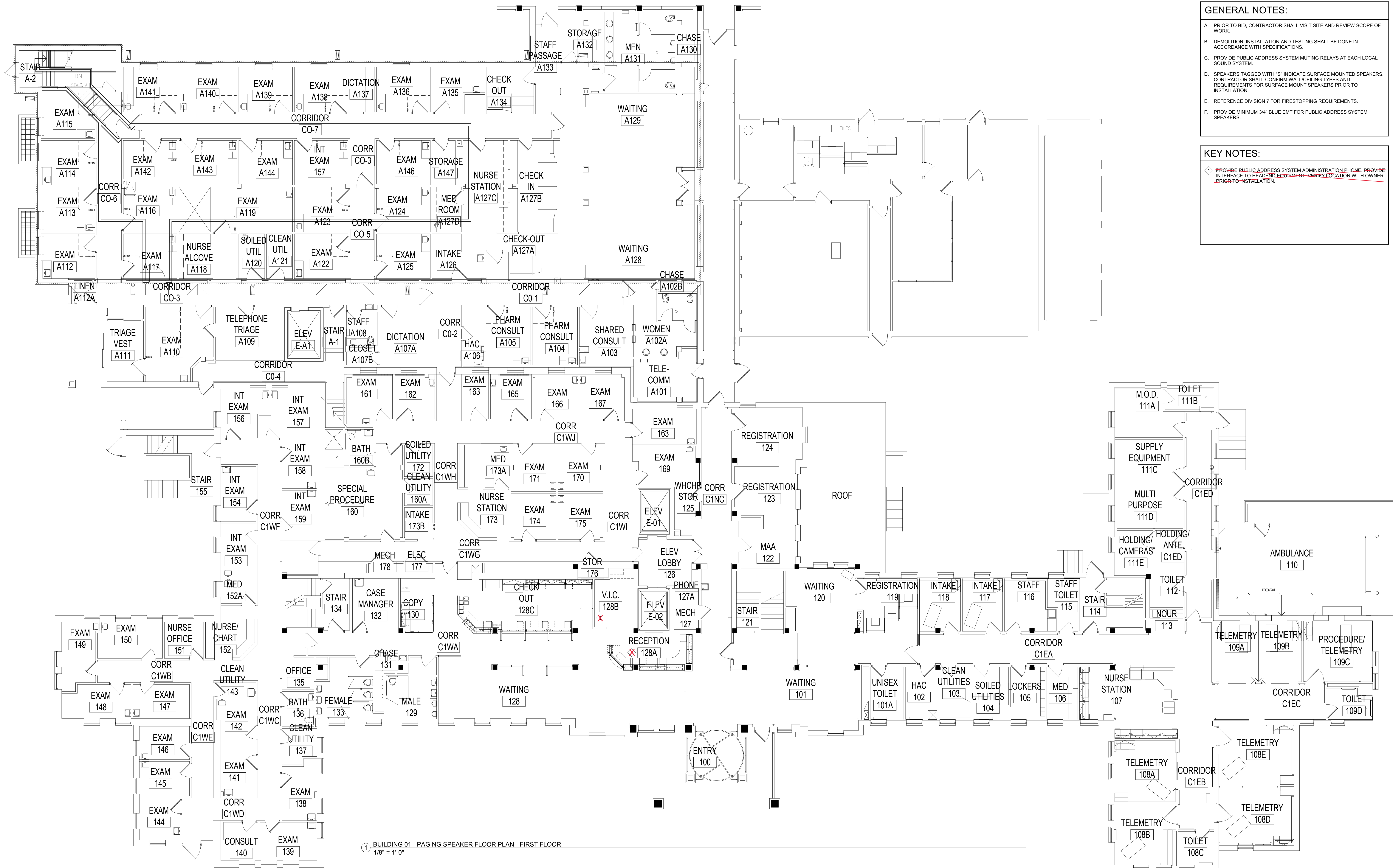
APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 01 - PAGING SPEAKER FLOOR PLAN - BASEMENT
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:

PROJECT TITLE
UPGRADE PUBLIC ADDRESS SYSTEM
BUILDING No. _____ CHECKED BY: CP DRAWN: CG
DATE: 1/24/19
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303
ISSUE DATE: 1/24/19
DRAWING NO.: ET01-00

VA
U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

A
B
C
D
E
F



- GENERAL NOTES:**
- A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.
 - B. DEMOLITION, INSTALLATION AND TESTING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS.
 - C. PROVIDE PUBLIC ADDRESS SYSTEM MUTING RELAYS AT EACH LOCAL SOUND SYSTEM.
 - D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
 - E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
 - F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.
- KEY NOTES:**
- 1. PROVIDE PUBLIC ADDRESS SYSTEM ADMINISTRATION PHONE. PROVIDE INTERFACE TO HEADEND EQUIPMENT - VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION.

1 BUILDING 01 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 01 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR	DATE:
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY:
ISSUE DATE 1/24/19	DRAWING NO. ET01-01
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE:

VA
U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

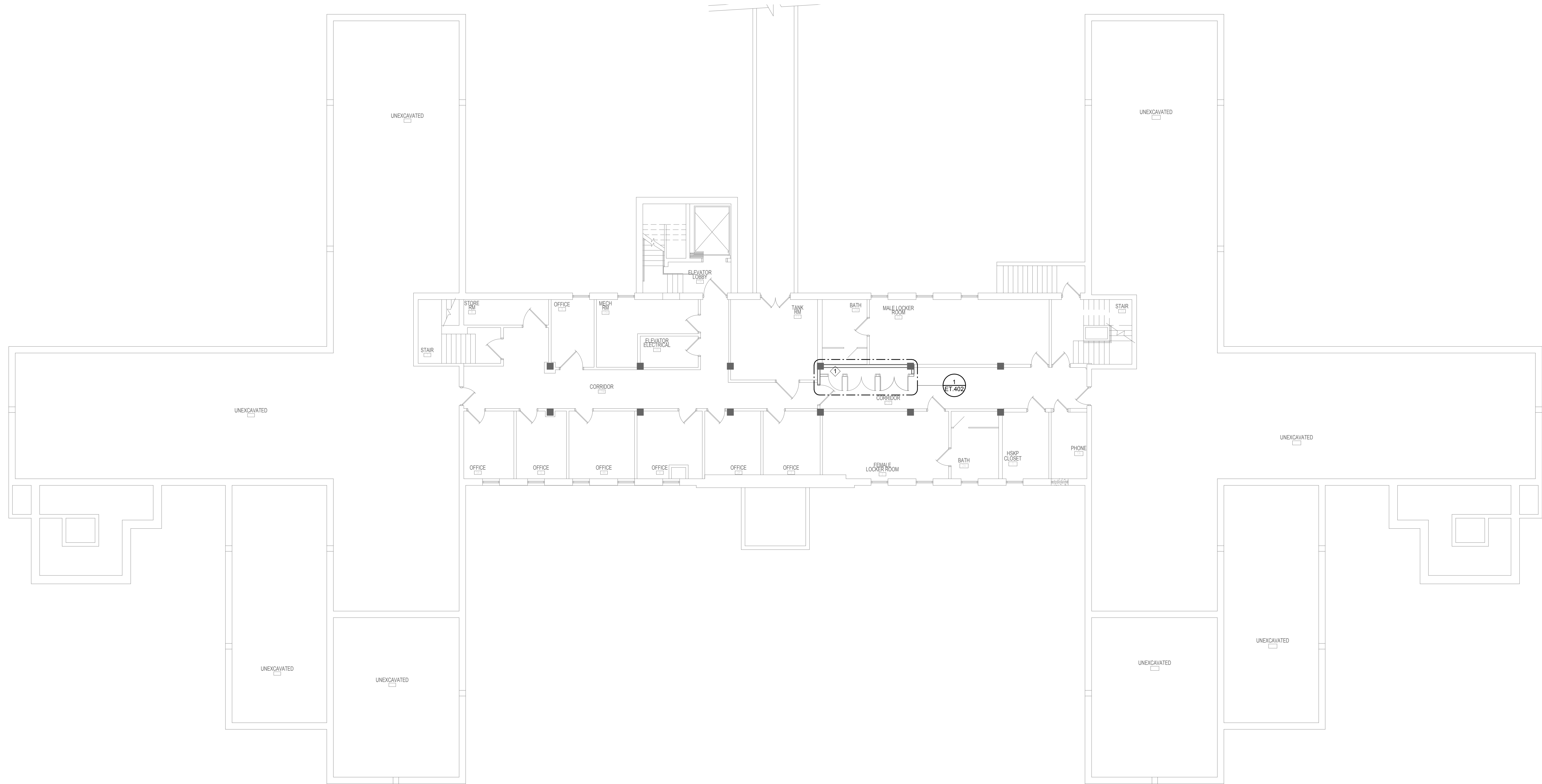
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- D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

KEY NOTES:

- ◇ PROVIDE PUBLIC ADDRESS SYSTEM WALL MOUNTED EQUIPMENT TO MOUNT VERTICALLY WITHIN SHALLOW ROOM. PROVIDE WALL BRACKETS FOR EACH PIECE OF EQUIPMENT REQUIRED. REMOVE AND RETURN EXISTING PA NETWORK SWITCH BACK-TO-OWNER UPON COMPLETION OF NEW PUBLIC ADDRESS SYSTEM.

SALVAGE AND REINSTALL



1 BUILDING 02 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"

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AE PROJECT NUMBER: Project Number

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 02 - PAGING SPEAKER FLOOR PLAN - BASEMENT
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

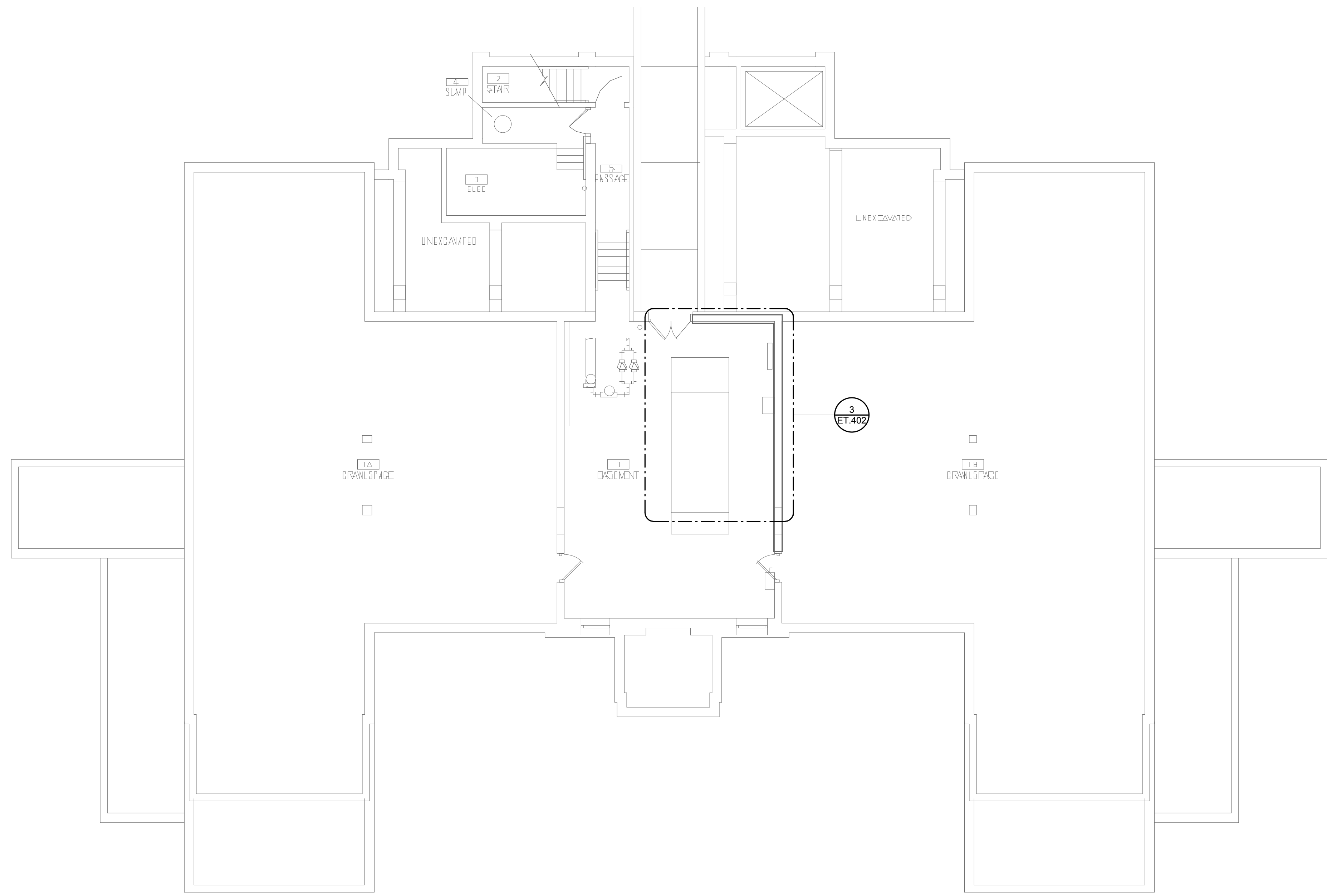
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET02-00	

VA

U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

GENERAL NOTES:

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- D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 03 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"

Revisions:	Date:

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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 03 - PAGING SPEAKER FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET03-00	

VA

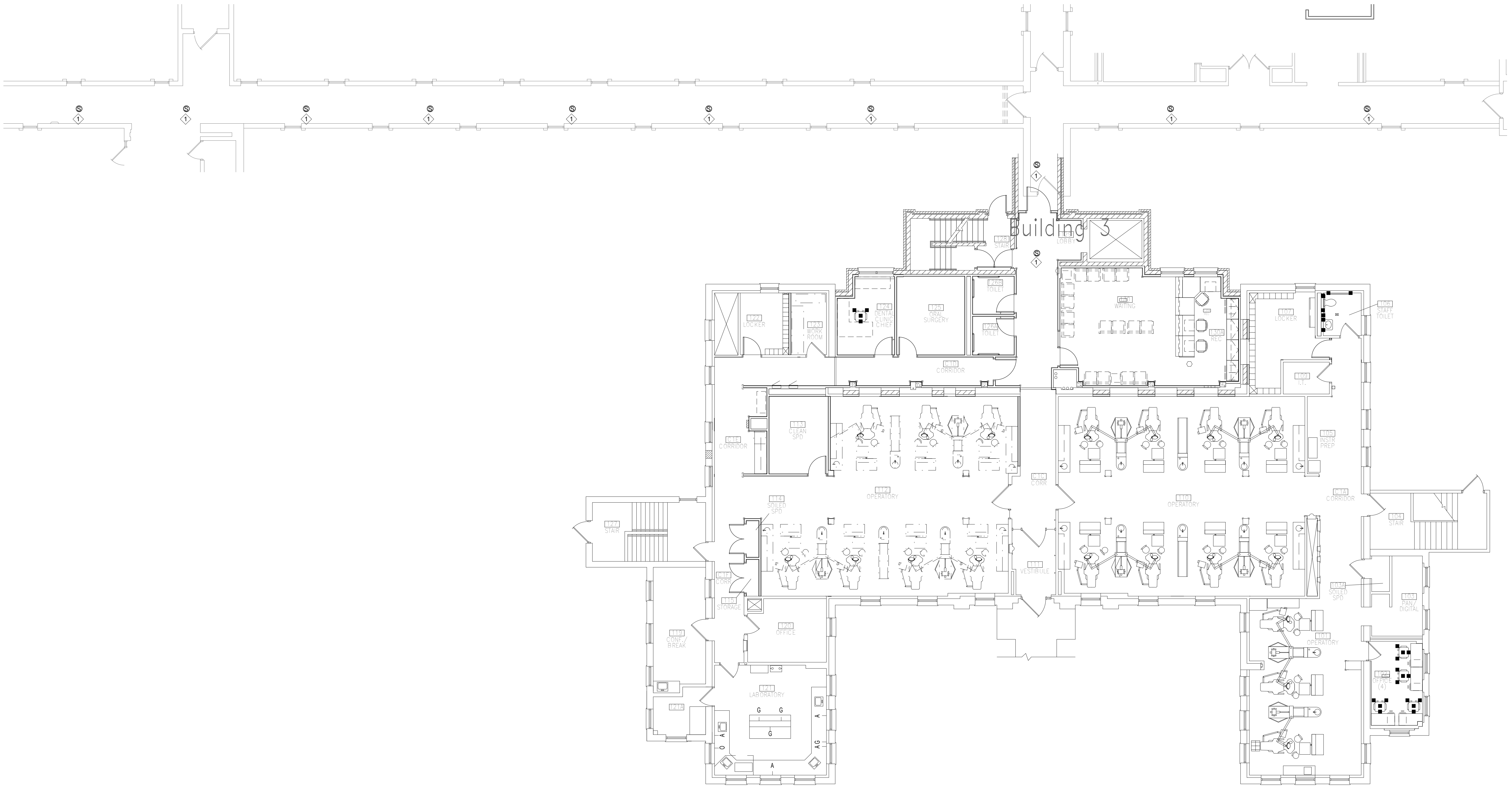
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
- E. PROVIDE SURFACE MOUNT SPEAKERS AS SHOWN ON PLAN. WIRING ABOVE GYP-BOARD FINISHED CEILING SHALL FOLLOW EXISTING PATHWAYS. UTILIZE EXISTING ACCESS PANELS. DO NOT CUT IN NEW ACCESS PANELS.
- F. PROVIDE FINISHED COVERPLATE OVER EXISTING SPEAKER HOLES. PAINT COVERPLATE TO MATCH EXISTING ADJACENT FINISHED SPACE.
- G. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

KEY NOTES:

- ◇ PROVIDE PA CIRCUIT FROM BUILDING 3.



1 BUILDING 03 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
NO SCALE

Revisions:	Date:

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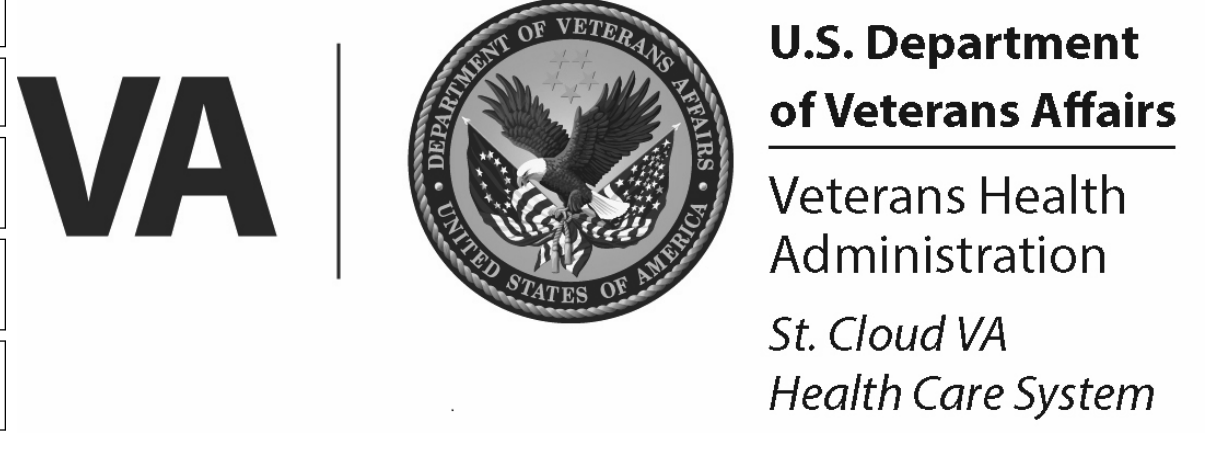
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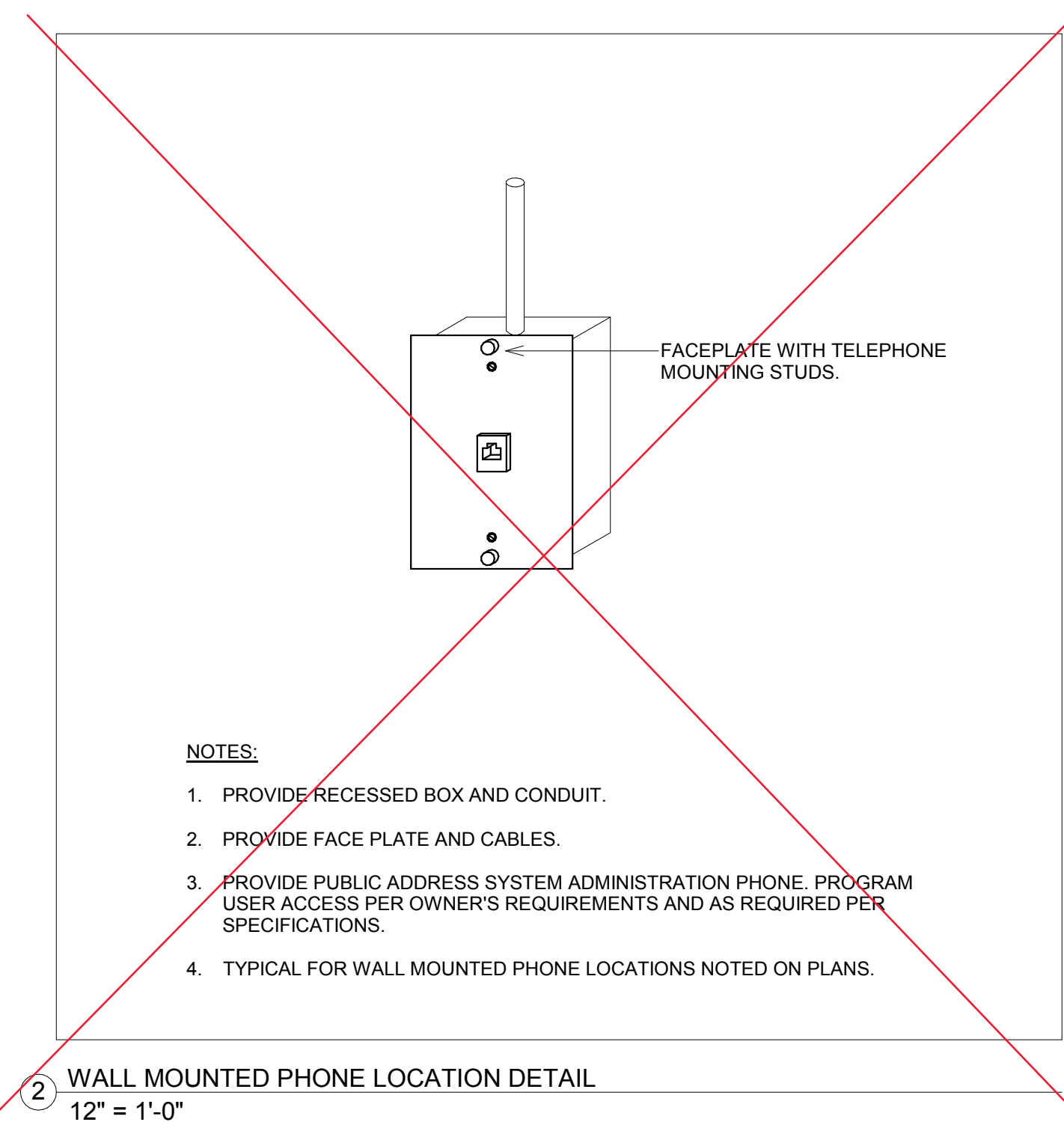
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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 03 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	Author		1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DRAWING NO. ET03-01	



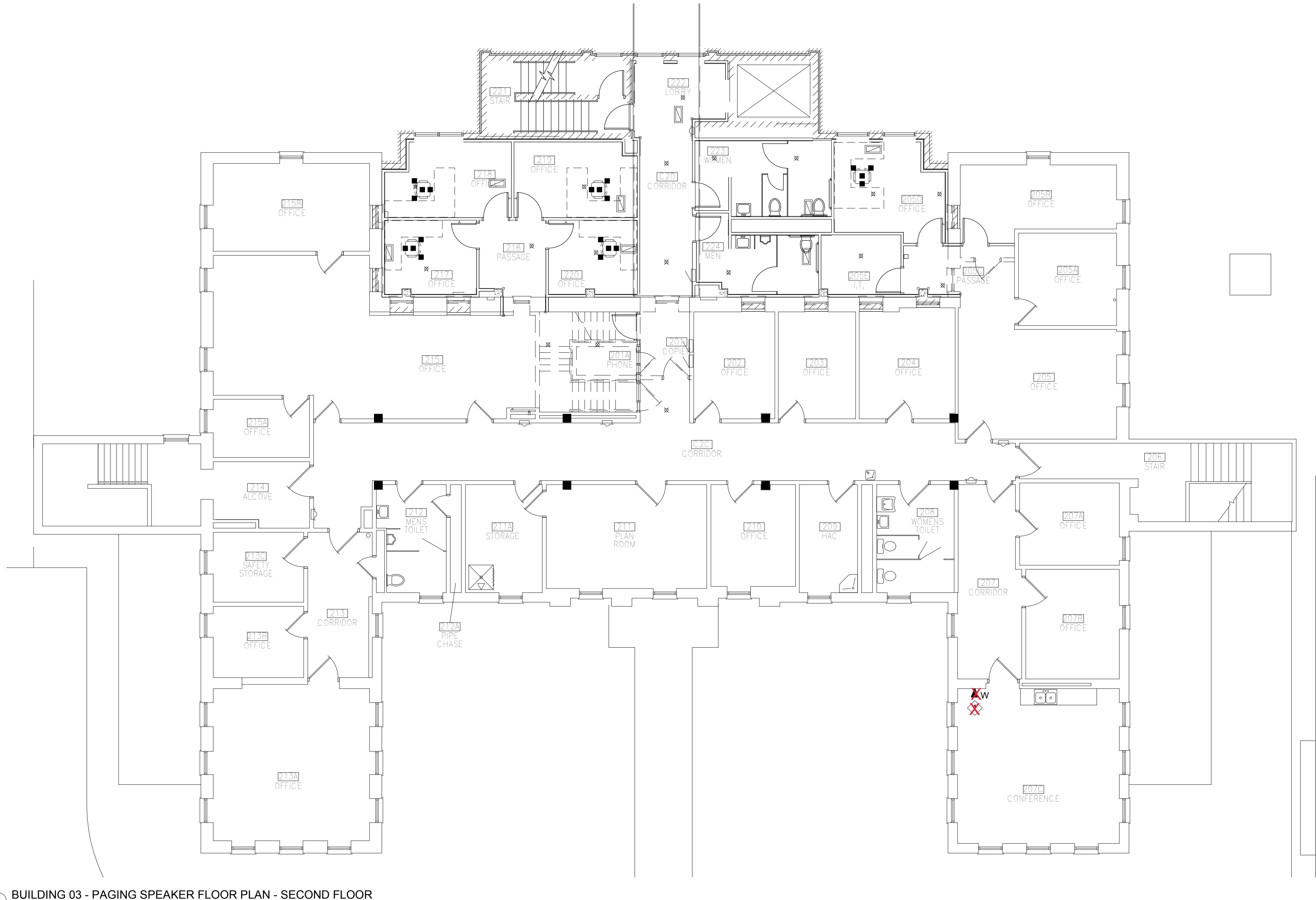


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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

KEY NOTES:

◇ PROVIDE PUBLIC ADDRESS SYSTEM ADMINISTRATION PHONE. PROVIDE INTERFACE TO HEADEND EQUIPMENT. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION. MOUNT 45" AFF. INSTALL OUTLET RECESSED WITHIN MASONRY WALL.



① BUILDING 03 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

Revisions:	Date:

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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 03 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	DRAWN	DATE
	Checker	Author	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET03-02	

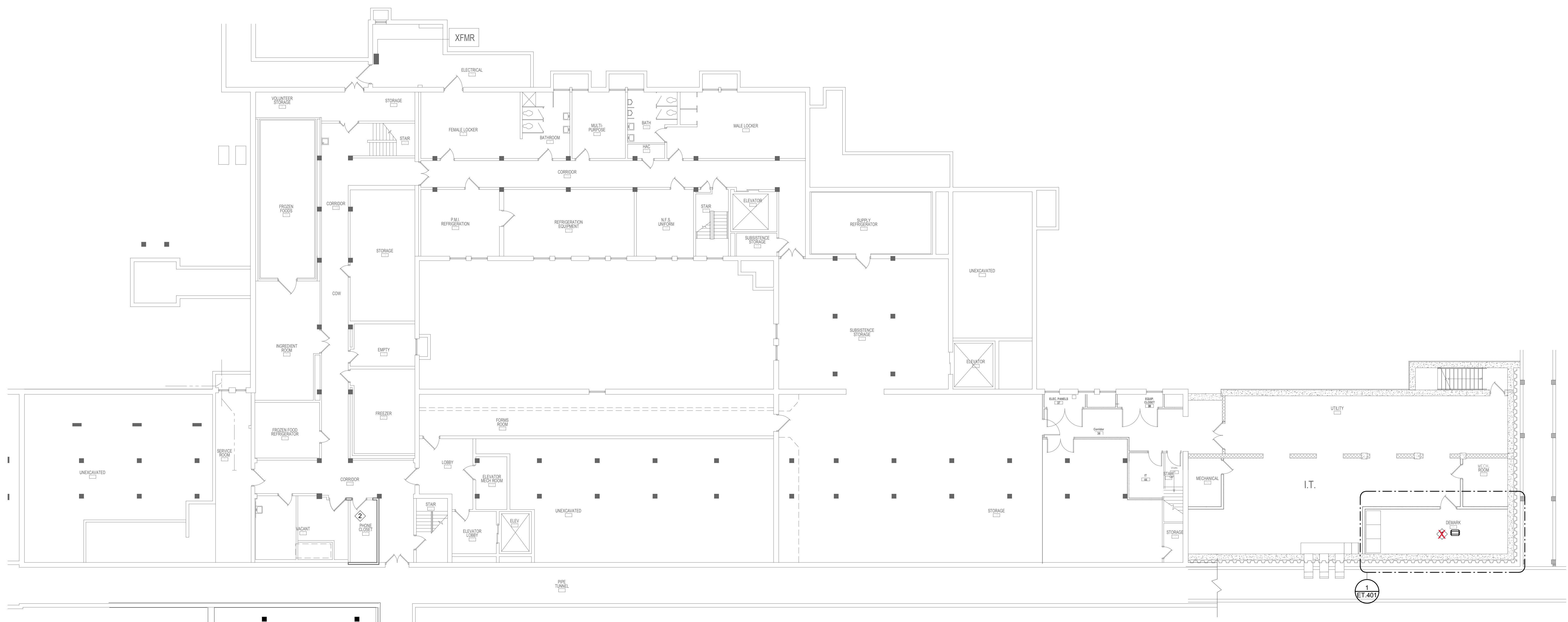
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- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

KEY NOTES:

- 1. PROVIDE PUBLIC ADDRESS SYSTEM MICROPHONE. PROVIDE INTERFACE TO HEADEND EQUIPMENT LOCATED WITHIN ROOM. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION. PA SYSTEM HEAD END IN BUILDING 4 DATA CENTER
- 2. EXTEND 12-STRAND OM1 FIBER AND PUBLIC ADDRESS (PA) SYSTEM CIRCUITS FROM PHONE ROOM 1 TO DEMARK ROOM 044. SPLICE PA CIRCUITS WITHIN PA BOX AND ROUTE IN EXISTING CABLE TRAY TO DEMARK ROOM 044. PROVIDE ORANGE 3/4" C TO EXTEND FIBER TO DEMARK ROOM 044. CABLING SHALL ROUTE IN TUNNEL. PA SYSTEM HEAD END IN BUILDING 4 DATA CENTER



1 BUILDING 04 - PAGING SPEAKER FLOOR PLAN - BASEMENT
3/32" = 1'-0"

Revisions:	Date:

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 04 - PAGING SPEAKER FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
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PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		ISSUE DATE	
BUILDING No.	CHECKED BY	CG	DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DRAWING NO. ET04-00	

VA U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

KEY NOTES:

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1 BUILDING 04 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
3/32" = 1'-0"

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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 Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 04 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.:	CHECKED BY:	DRAWN:	ISSUE DATE:
	CP	CG	1/24/19
LOCATION	DATE:	DRAWING NO.:	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET04-02	

VA **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.

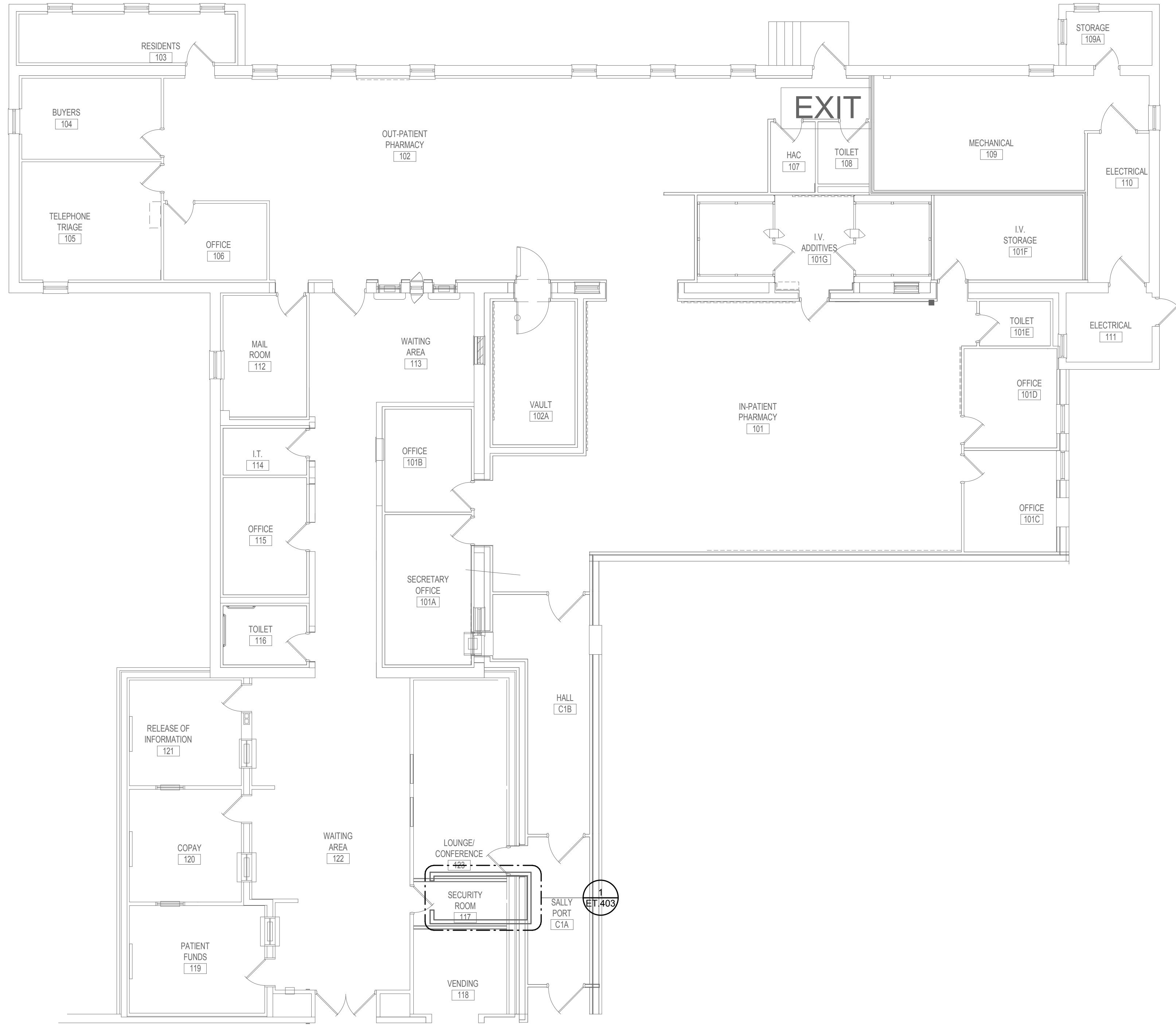
B. DEMOLITION, INSTALLATION AND TESTING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS.

C. PROVIDE PUBLIC ADDRESS SYSTEM MUTING RELAYS AT EACH LOCAL SOUND SYSTEM.

D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.

E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 05 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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Revisions:	Date:

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763-412-4000 (o) 763-412-4090 (f)
www.ae-mn.com
AE PROJECT NUMBER: Project Number

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 05 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

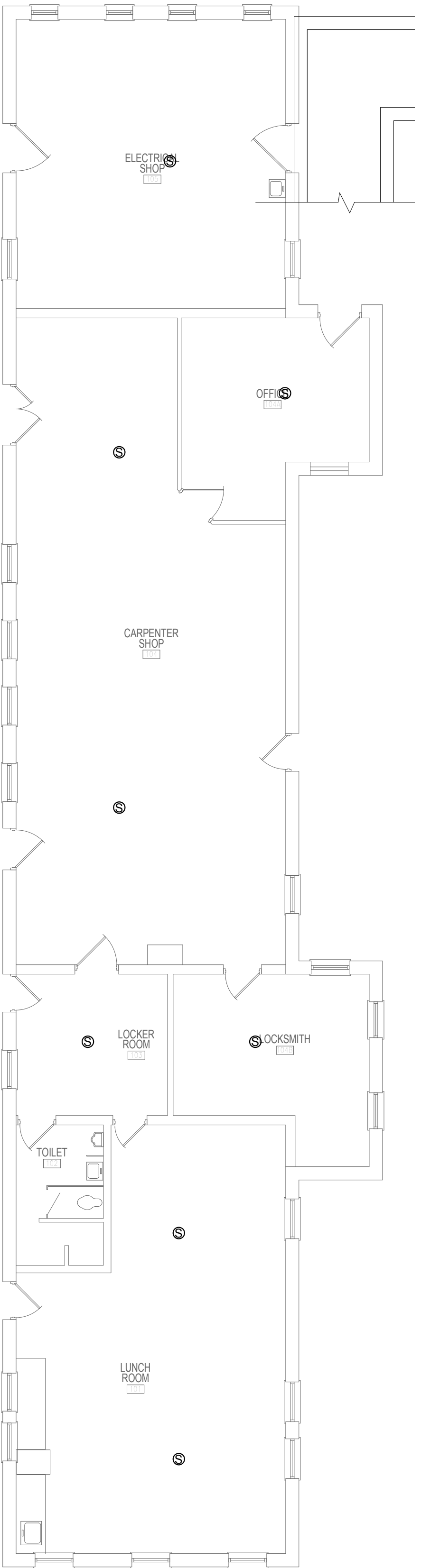
PROJECT TITLE
UPGRADE PUBLIC ADDRESS SYSTEM
PROJECT NO.:
BUILDING No.:
CHECKED BY: CP
DRAWN: CG
ISSUE DATE: 1/24/19
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303
DRAWING NO.: ET05-01



U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

GENERAL NOTES:

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- C. PROVIDE PUBLIC ADDRESS SYSTEM MUTING RELAYS AT EACH LOCAL SOUND SYSTEM.
- D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



① BUILDING 06 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

1/24/2019 12:10:11 PM

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Revisions:	Date:

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APPROVED: DIRECTOR FMS	DATE	APPROVED: SAFETY MANAGER	DATE

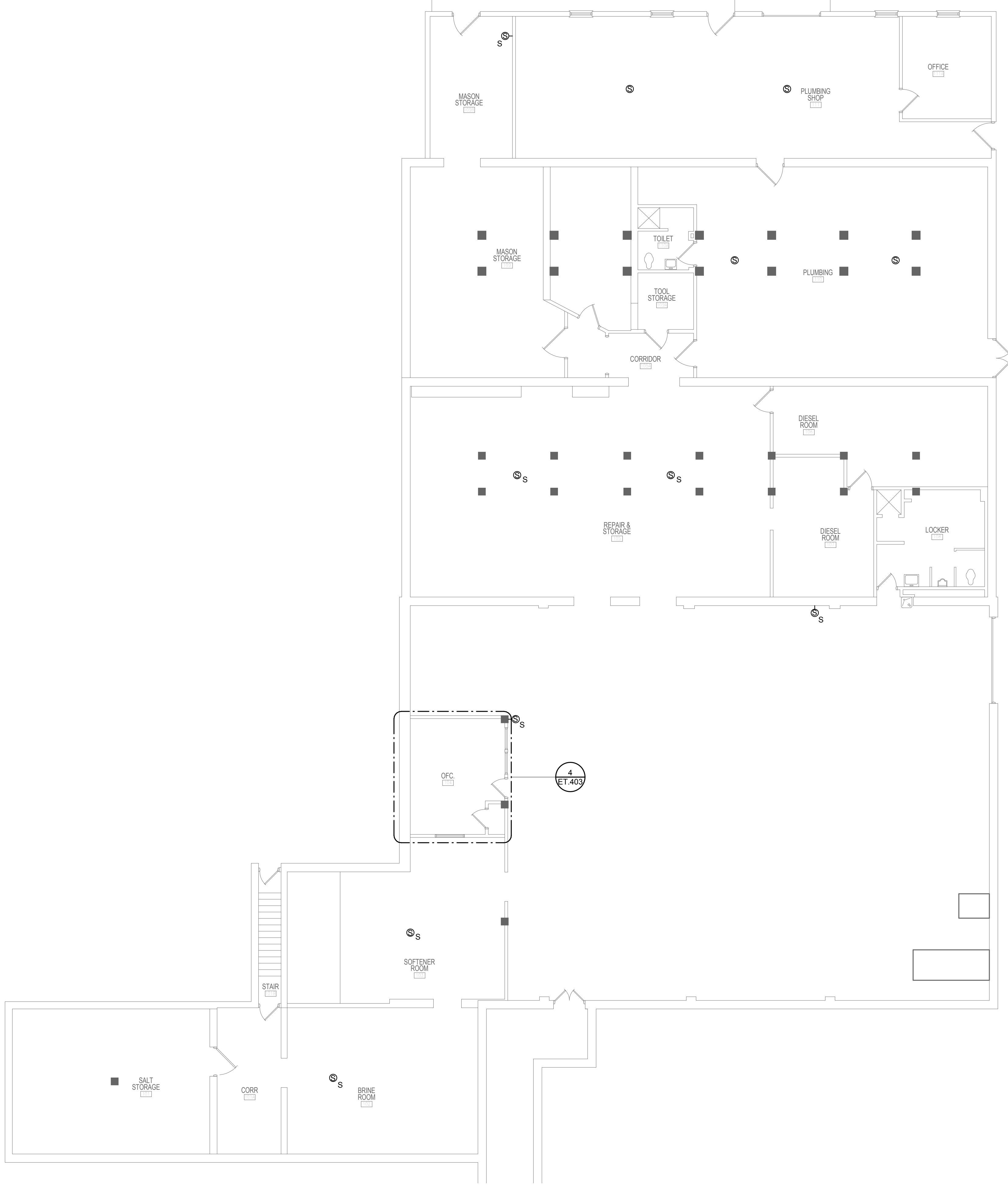
DRAWING TITLE
BUILDING 06 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE
 APPROVED: CHIEF OF STAFF
 DATE
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.	
BUILDING No.	CHECKED BY CP	DRAWN CG	ISSUE DATE 1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE	DRAWING NO. ET06-01	

VA **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 07 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

1/24/2019 12:10:52 PM
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Revisions:	Date:

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 07 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

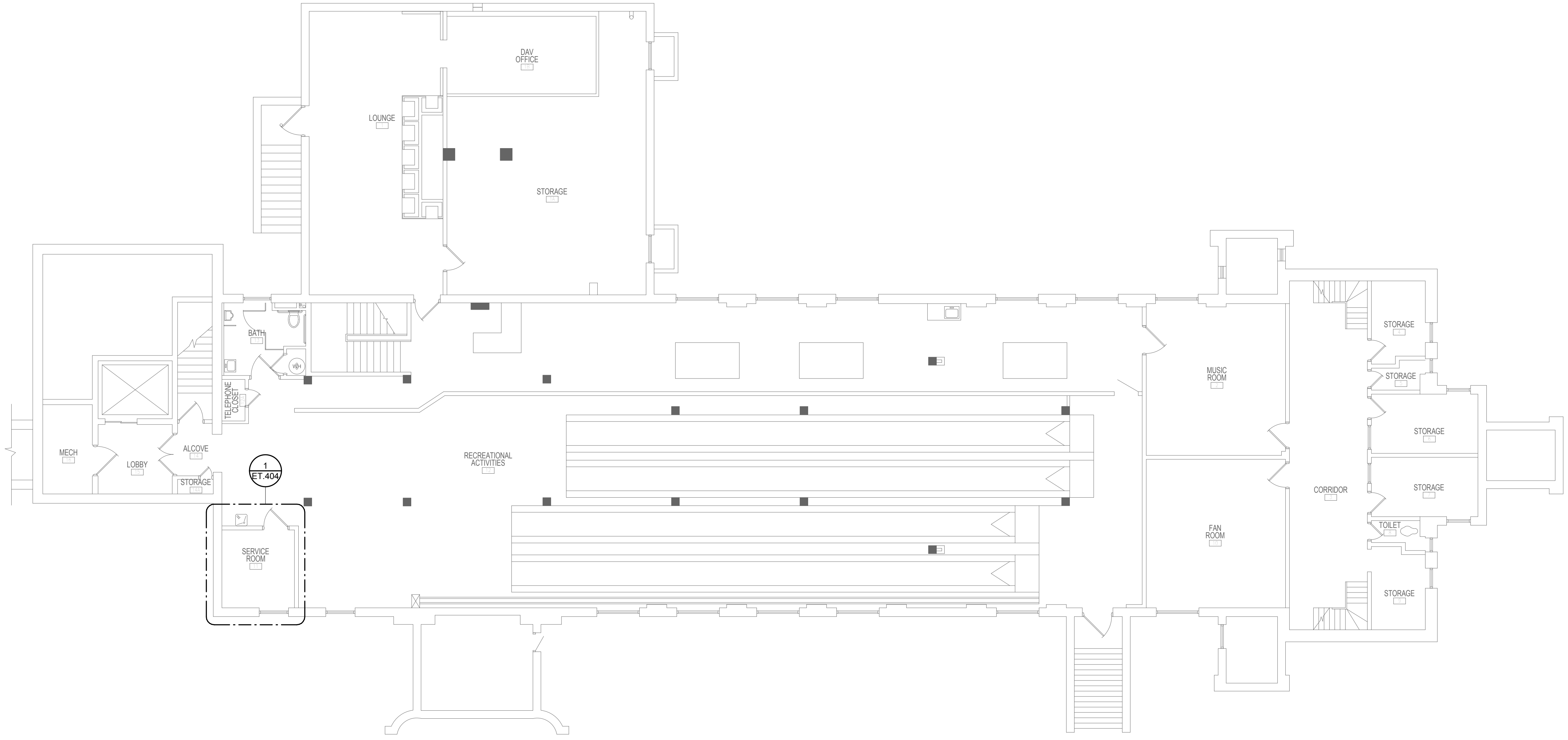
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY: CP
DATE:	DRAWN: CG
ISSUE DATE: 1/24/19	DRAWING NO. ET07-01
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE:

VA

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 08 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"

1/24/2019 12:10:52 PM

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 08 - PAGING SPEAKER FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET08-00	

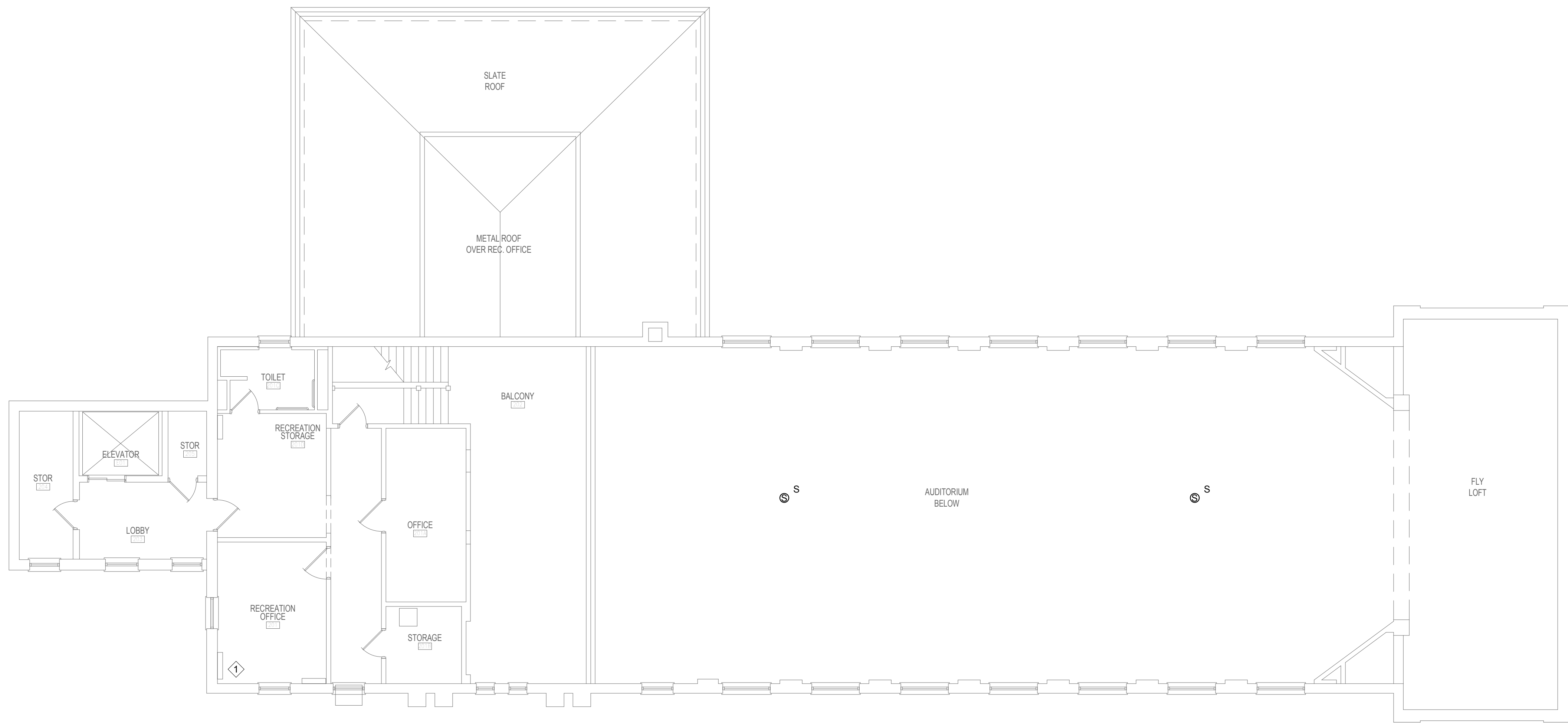
VA **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System

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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

KEY NOTES:

- ① PROVIDE PUBLIC ADDRESS SYSTEM MUTING RELAY FOR EXISTING AV EQUIPMENT. MATCH EXISTING CONDITIONS. RE-CONNECT AV SYSTEM IN AUDITORIUM. AUDITORIUM AV SPEAKERS TO TIE INTO NEW PUBLIC ADDRESS SYSTEM AT HEADEND LOCATION.



① BUILDING 08 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

1/24/2019 12:10:58 PM

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Revisions:	Date:

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 08 - PAGING SPEAKER FLOOR PLAN - SECOND FLOOR
 DATE:
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

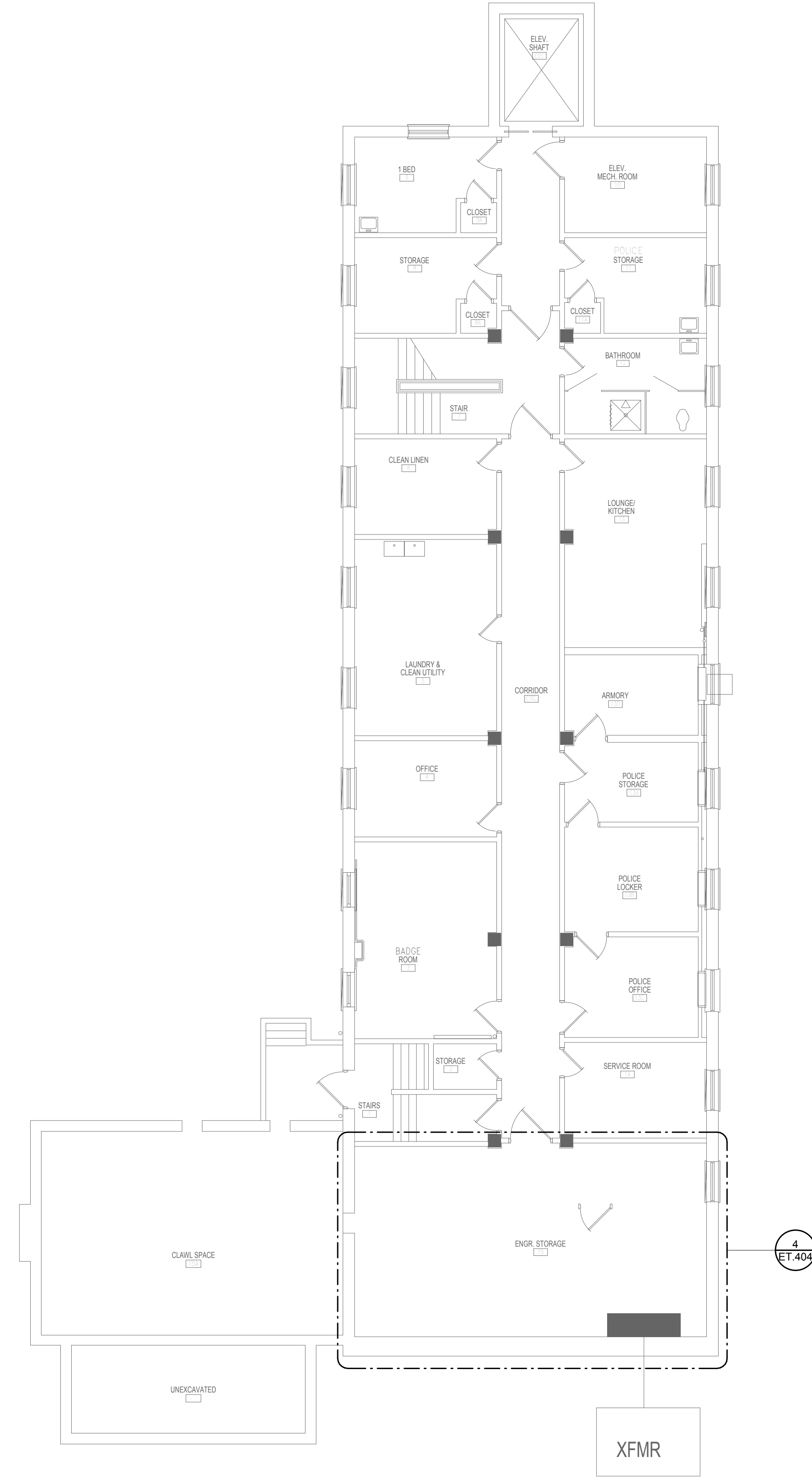
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.:	CHECKED BY:	DRAWN:	ISSUE DATE:
	CP	CG	1/24/19
LOCATION	DATE:	DRAWING NO.:	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET08-02	



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 09 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"

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APPROVED: PROJECTS SECTION MANAGER	DATE	APPROVED: CHIEF OF POLICE	DATE
APPROVED: DIRECTOR FMS	DATE	APPROVED: SAFETY MANAGER	DATE

DRAWING TITLE BUILDING 09 - PAGING SPEAKER FLOOR PLAN - BASEMENT
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE
APPROVED: CHIEF OF STAFF
DATE
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.		
BUILDING No.	CHECKED BY	CG	DATE
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO.	ET09-00

VA **U.S. Department of Veterans Affairs**
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 St. Cloud VA Health Care System

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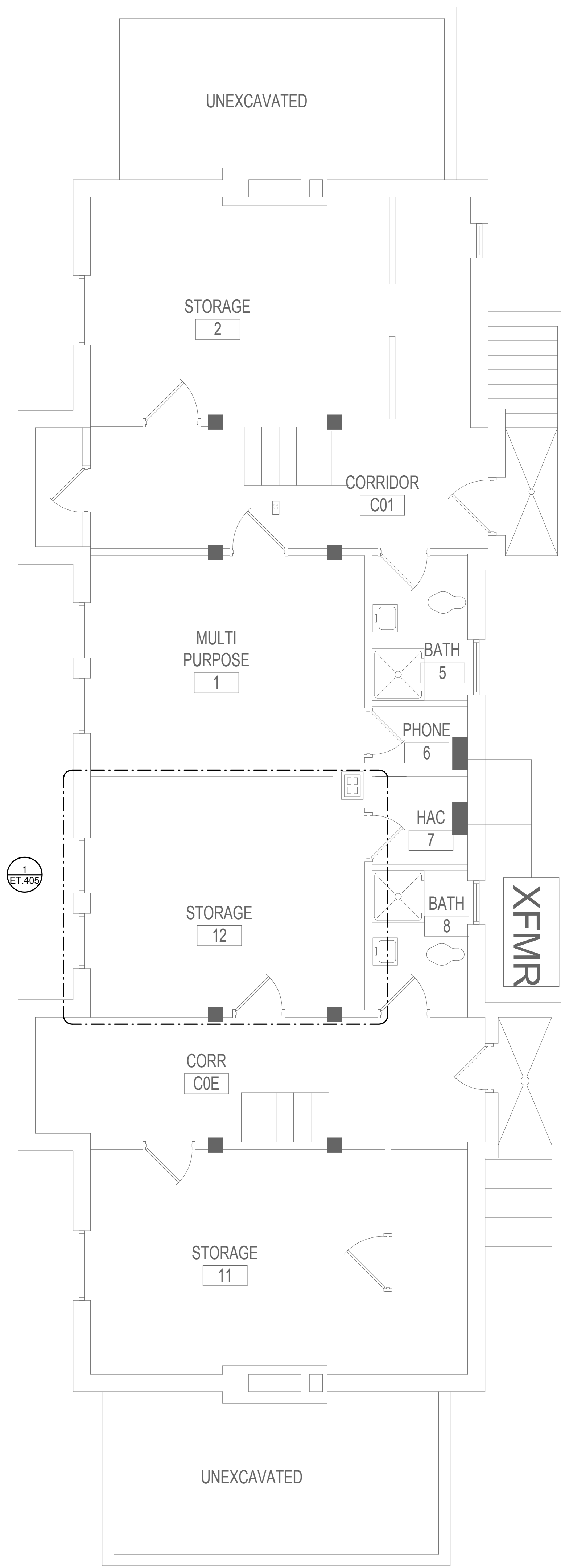
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E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 10 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/4" = 1'-0"

Revisions:	Date:

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 10 - PAGING SPEAKER FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
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 DATE:

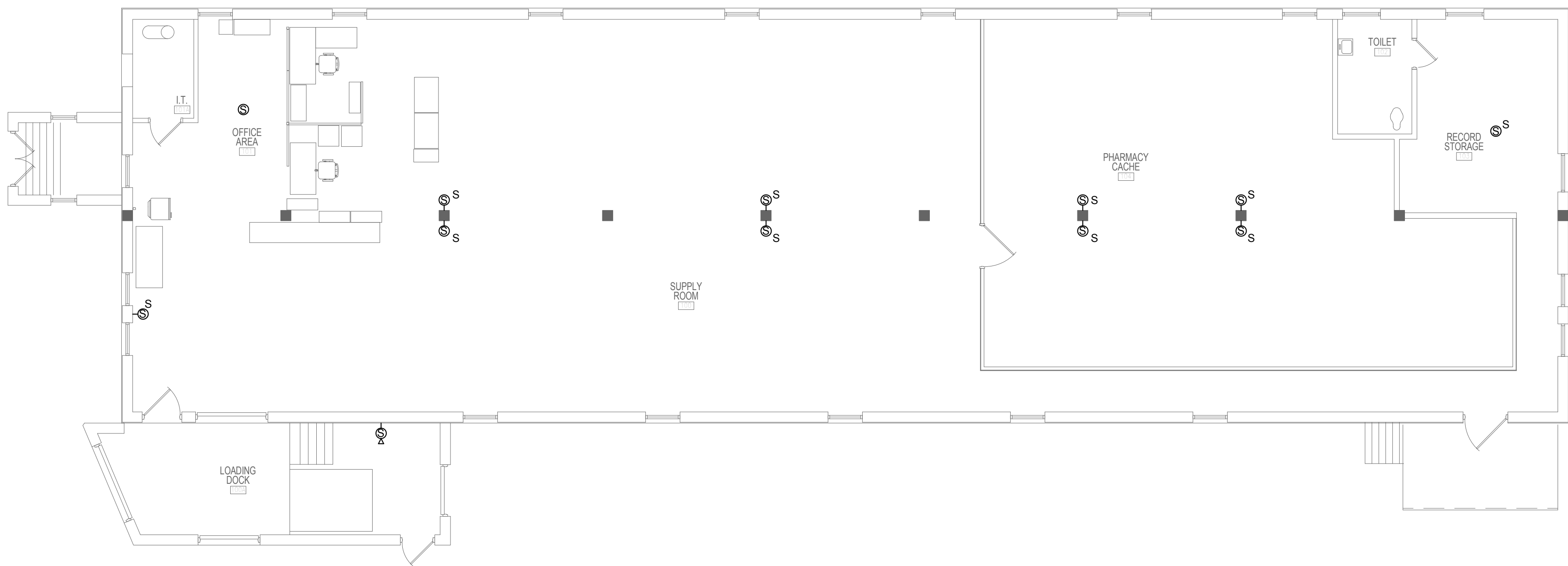
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET10-00	



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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1 BUILDING 14 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

1/24/2019 11:21:05 PM
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Revisions:	Date:

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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 14 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.:	CHECKED BY:	DRAWN:	ISSUE DATE:
	CP	CG	1/24/19
LOCATION	DATE:	DRAWING NO.:	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET14-01	

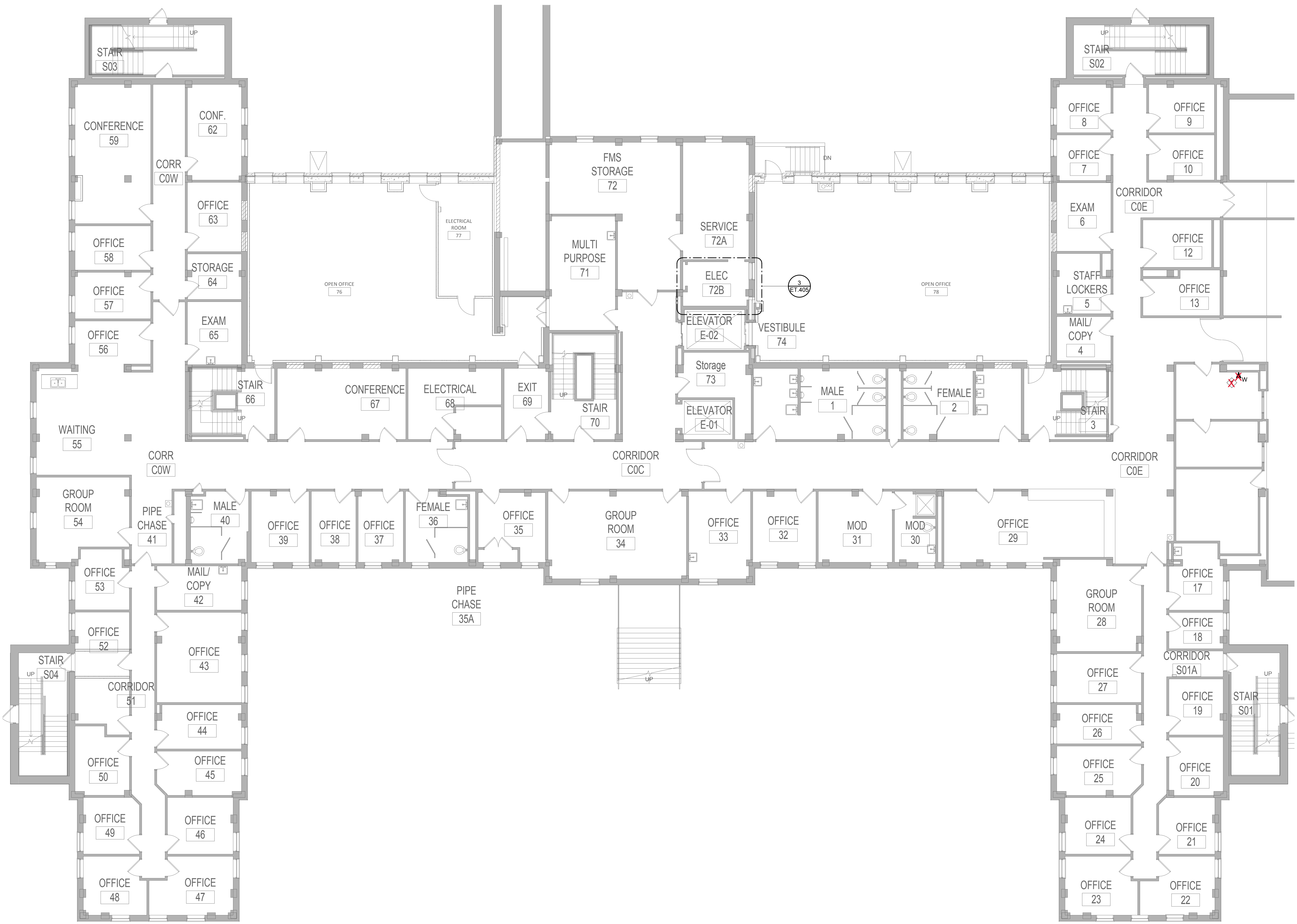
VA **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

- A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.
- B. DEMOLITION, INSTALLATION AND TESTING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS.
- C. PROVIDE PUBLIC ADDRESS SYSTEM MUTING RELAYS AT EACH LOCAL SOUND SYSTEM.
- D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

KEY NOTES:

- 1. ~~PROVIDE PUBLIC ADDRESS SYSTEM ADMINISTRATION PHONE. PROVIDE INTERFACE TO HEADEND EQUIPMENT. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION. MOUNT 48" AFF.~~



1 BUILDING 28 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"

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 Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

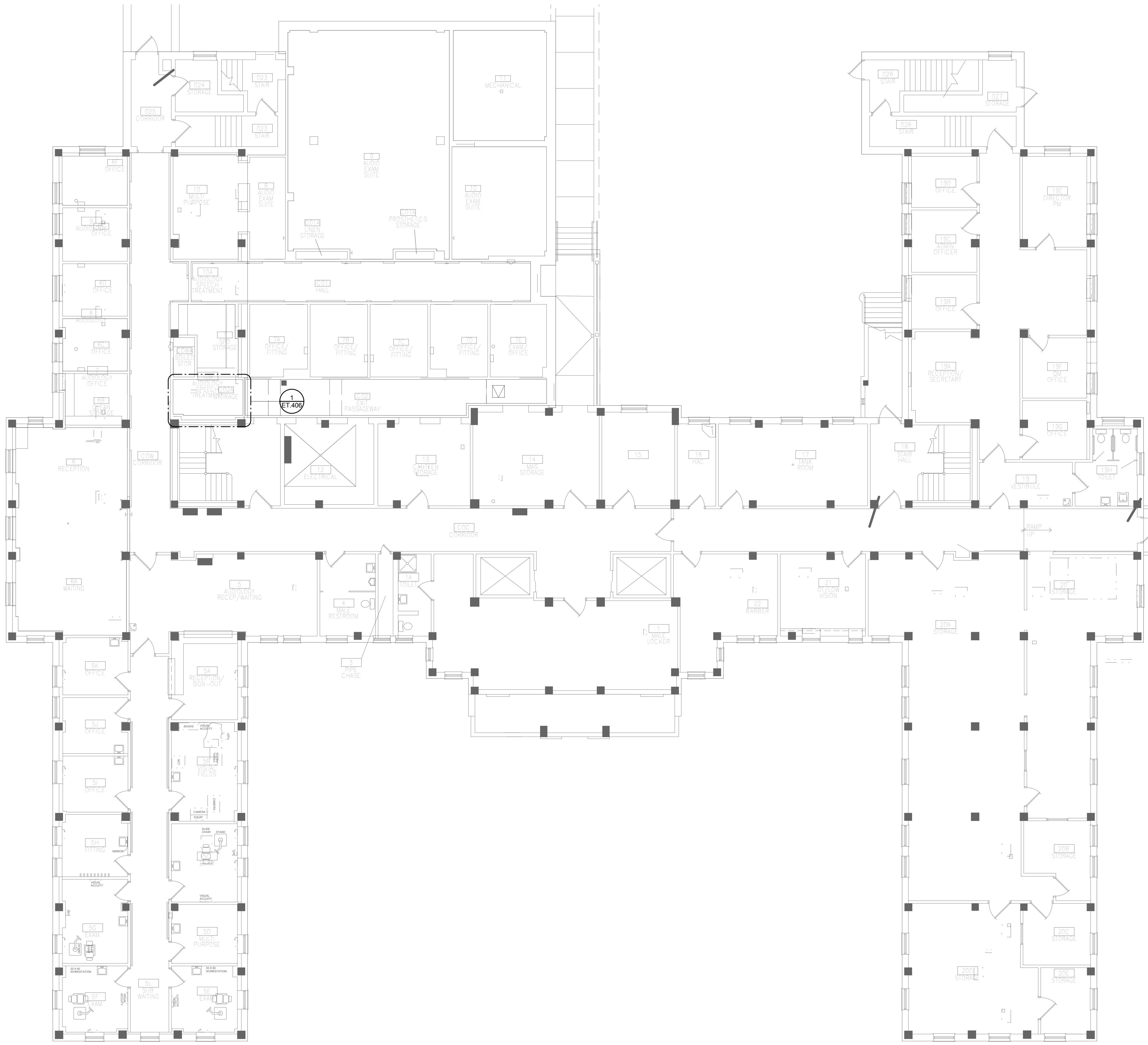
DRAWING TITLE BUILDING 28 - PAGING SPEAKER FLOOR PLAN - BASEMENT	DATE:
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY: CP
DATE:	DRAWN: CG
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	ISSUE DATE 1/24/19
DATE:	DRAWING NO. ET28-00



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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- GENERAL NOTES:**
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 - C. PROVIDE PUBLIC ADDRESS SYSTEM MUTING RELAYS AT EACH LOCAL SOUND SYSTEM.
 - D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
 - E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
 - F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

1 BUILDING 29 - PAGING SPEAKER FLOOR PLAN - BASEMENT FLOOR
1/8" = 1'-0"

1/24/2019 12:10:08 PM
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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 29 - PAGING SPEAKER FLOOR PLAN - BASEMENT
APPROVED ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED CHIEF OF STAFF
DATE:
APPROVED HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY:
CP	CG
DRAWN:	ISSUE DATE:
CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO. ET29-00



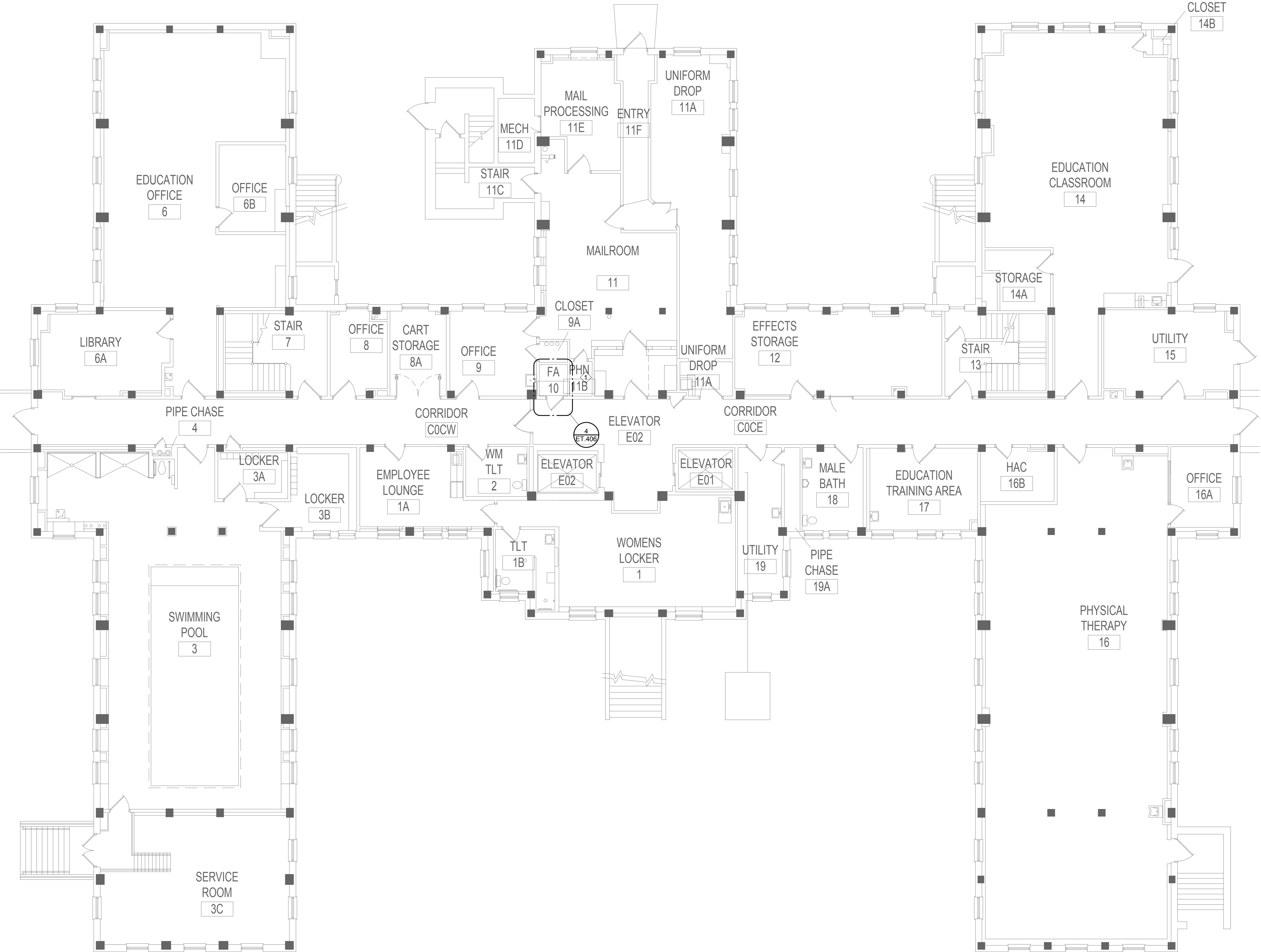
U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

GENERAL NOTES:

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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

KEY NOTES:

- ① EXTEND EXISTING PUBLIC ADDRESS DUAL COIL CIRCUITS FEEDING THE TEMP T101 TRAILERS TO THE NEW PUBLIC ADDRESS SYSTEM AMPLIFIER LOCATION IN FA ROOM 10.



① BUILDING 48 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"

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Revisions:	Date:

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Registration Number: 50826

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 48 - PAGING SPEAKER FLOOR PLAN - BASEMENT
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

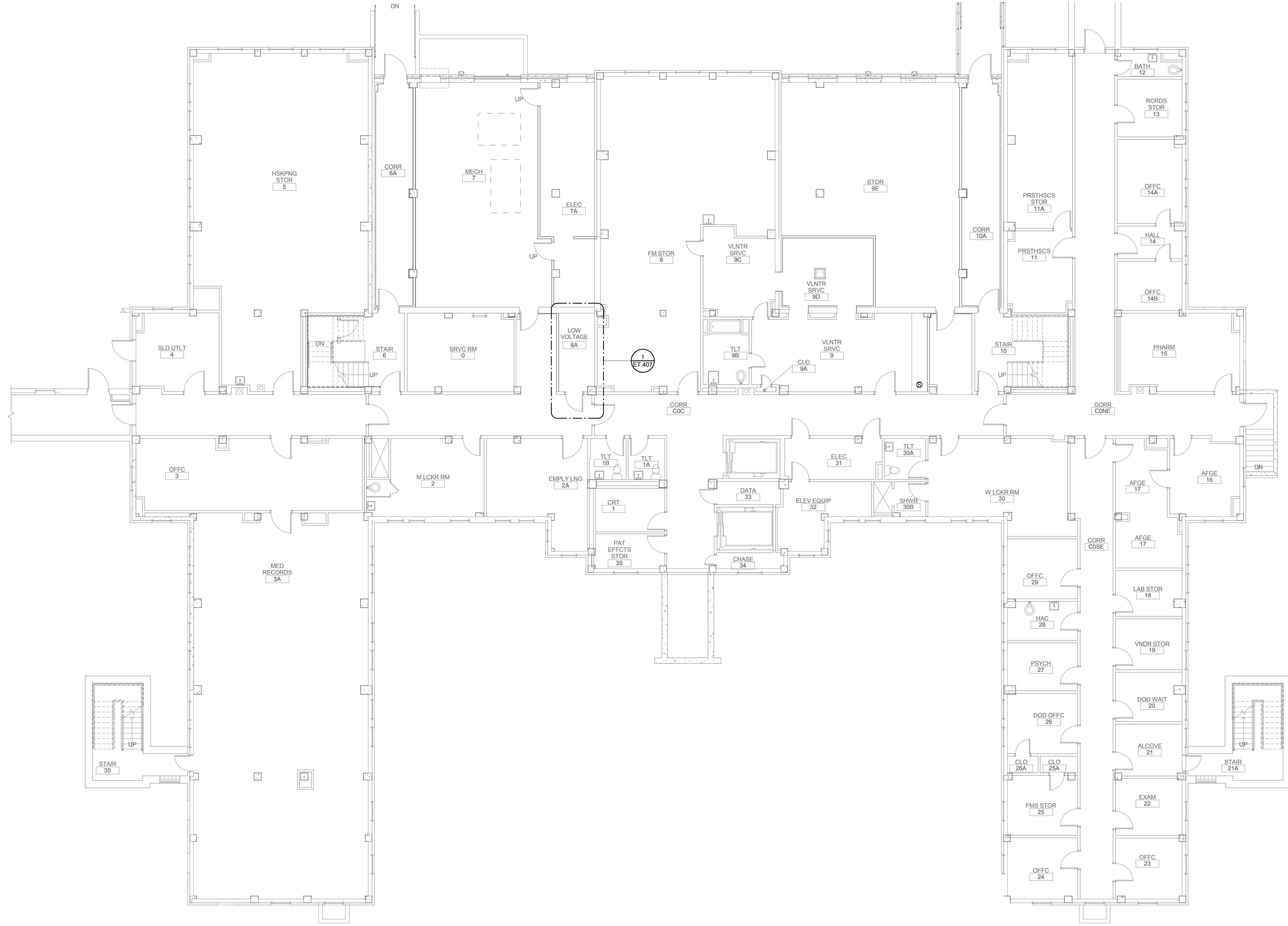
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY: CP
DATE:	CG
ISSUE DATE	DRAWING NO.
1/24/19	ET48-00
LOCATION	DATE:
VA MEDICAL CENTER ST. CLOUD, MN 56303	

VA

U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

GENERAL NOTES:

- A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.
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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 49 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"

1/24/2019 12:10:07 PM
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 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE	APPROVED: INFECTION CONTROL NURSE	DATE
APPROVED: GEMS COORDINATOR	DATE	APPROVED: PATIENT SAFETY	DATE
APPROVED: PROJECTS SECTION MANAGER	DATE	APPROVED: CHIEF OF POLICE	DATE
APPROVED: DIRECTOR FMS	DATE	APPROVED: SAFETY MANAGER	DATE

DRAWING TITLE
BUILDING 49 - PAGING SPEAKER FLOOR PLAN - BASEMENT
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE
 APPROVED: CHIEF OF STAFF
 DATE
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE

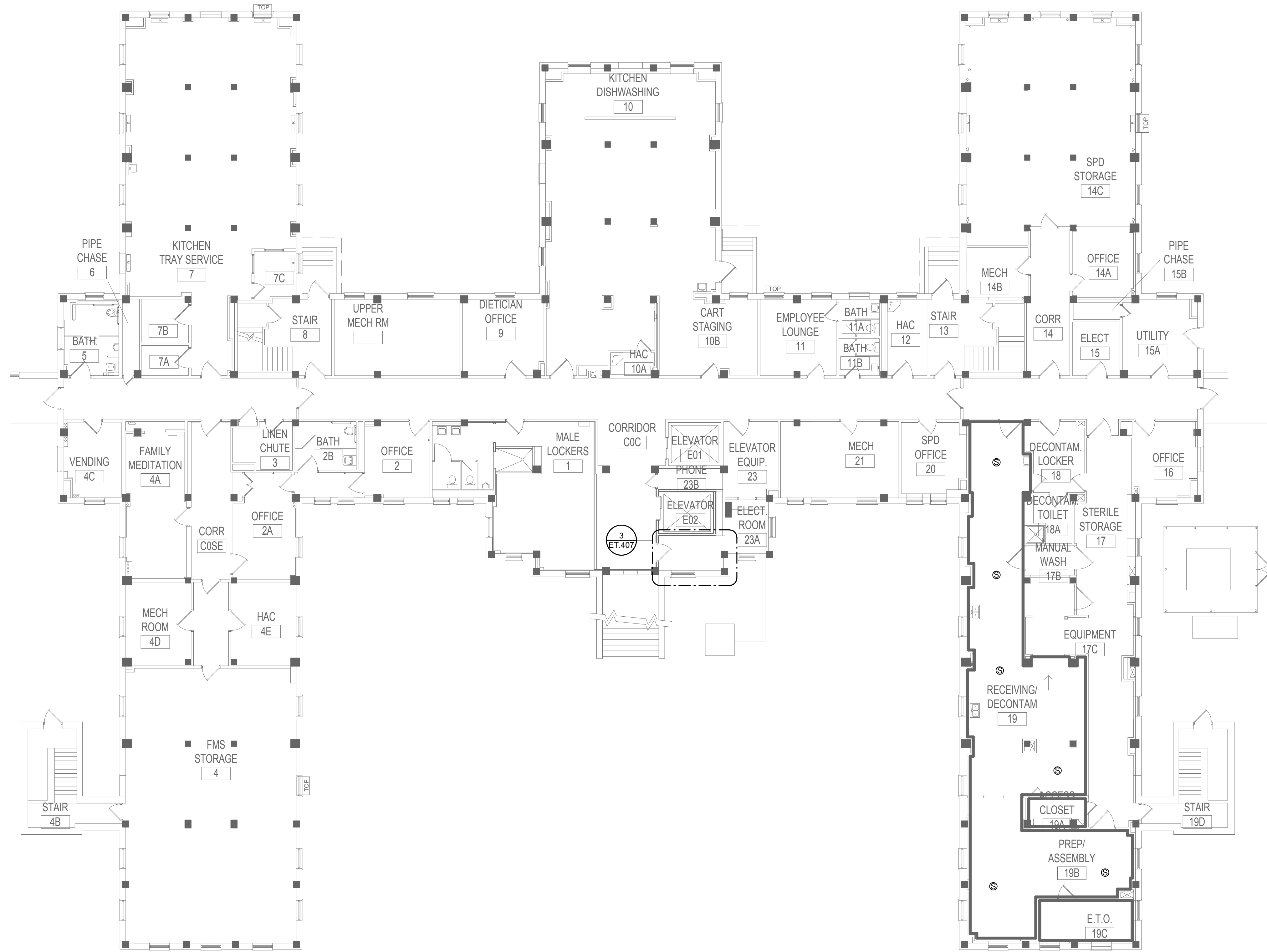
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303		DATE	DRAWING NO. ET49-00

VA

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 50 - PAGING SPEAKER FLOOR PLAN - BASEMENT
3/32" = 1'-0"

1/24/2019 12:10:58 PM

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Revisions:	Date:

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE BUILDING 50 - PAGING SPEAKER FLOOR PLAN - BASEMENT
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

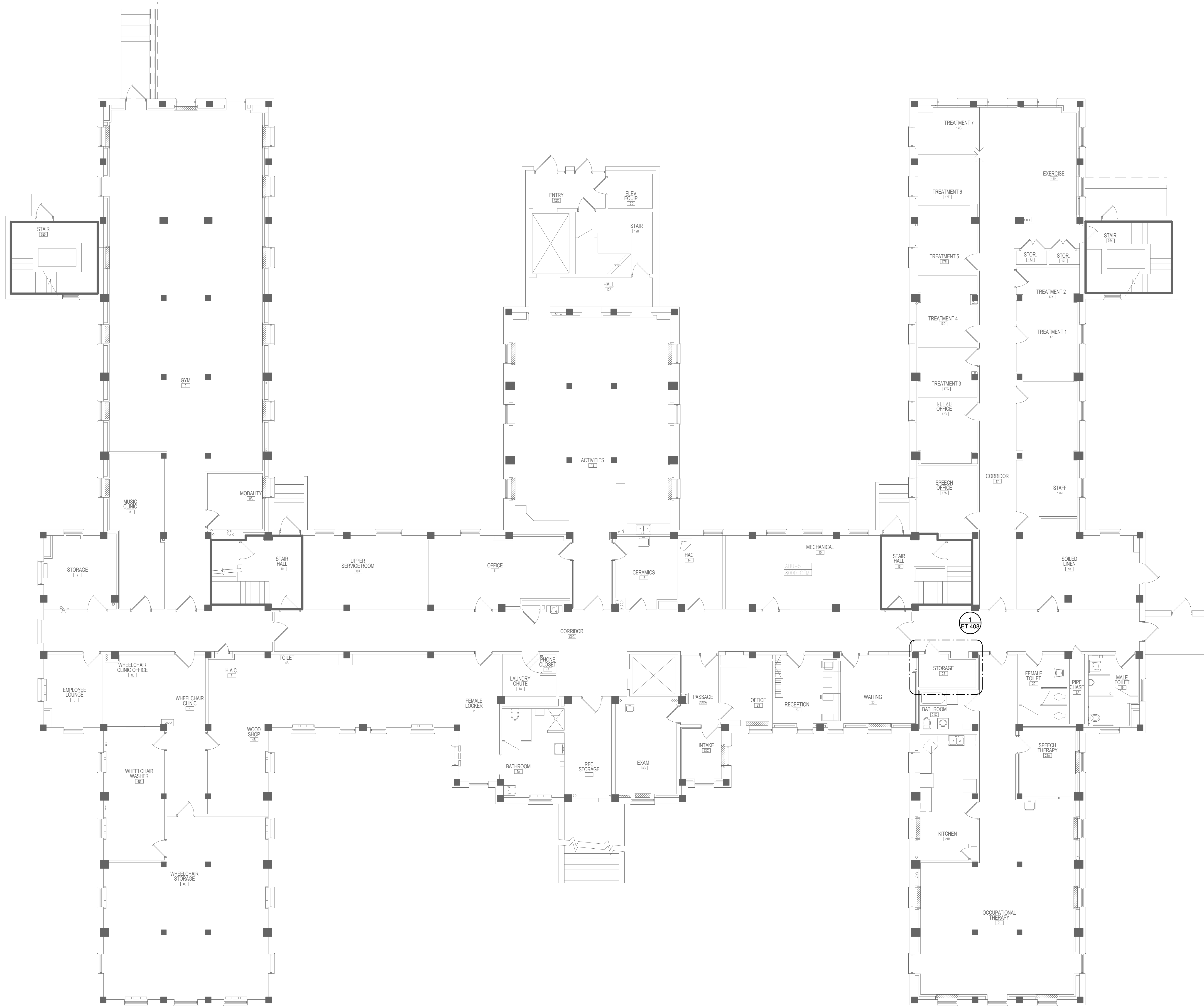
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY: CP
DATE:	CG
ISSUE DATE: 1/24/19	DRAWING NO. ET50-00
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE:



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

- A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.
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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 51 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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 Registration Number: 50826

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 51 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET51-01	



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.

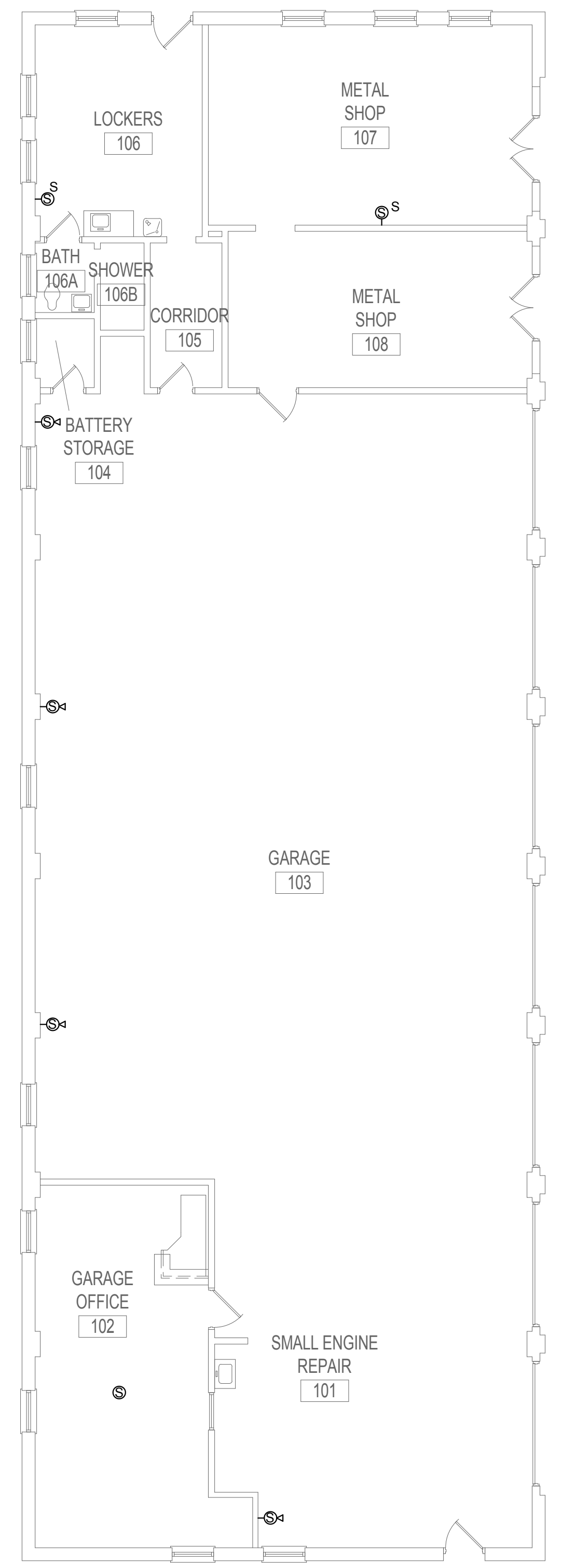
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E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.

F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 54 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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APPROVED: PROJECTS SECTION MANAGER	DATE	APPROVED: CHIEF OF POLICE	DATE
APPROVED: DIRECTOR FMS	DATE	APPROVED: SAFETY MANAGER	DATE

DRAWING TITLE BUILDING 54 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE
APPROVED: CHIEF OF STAFF
DATE
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE

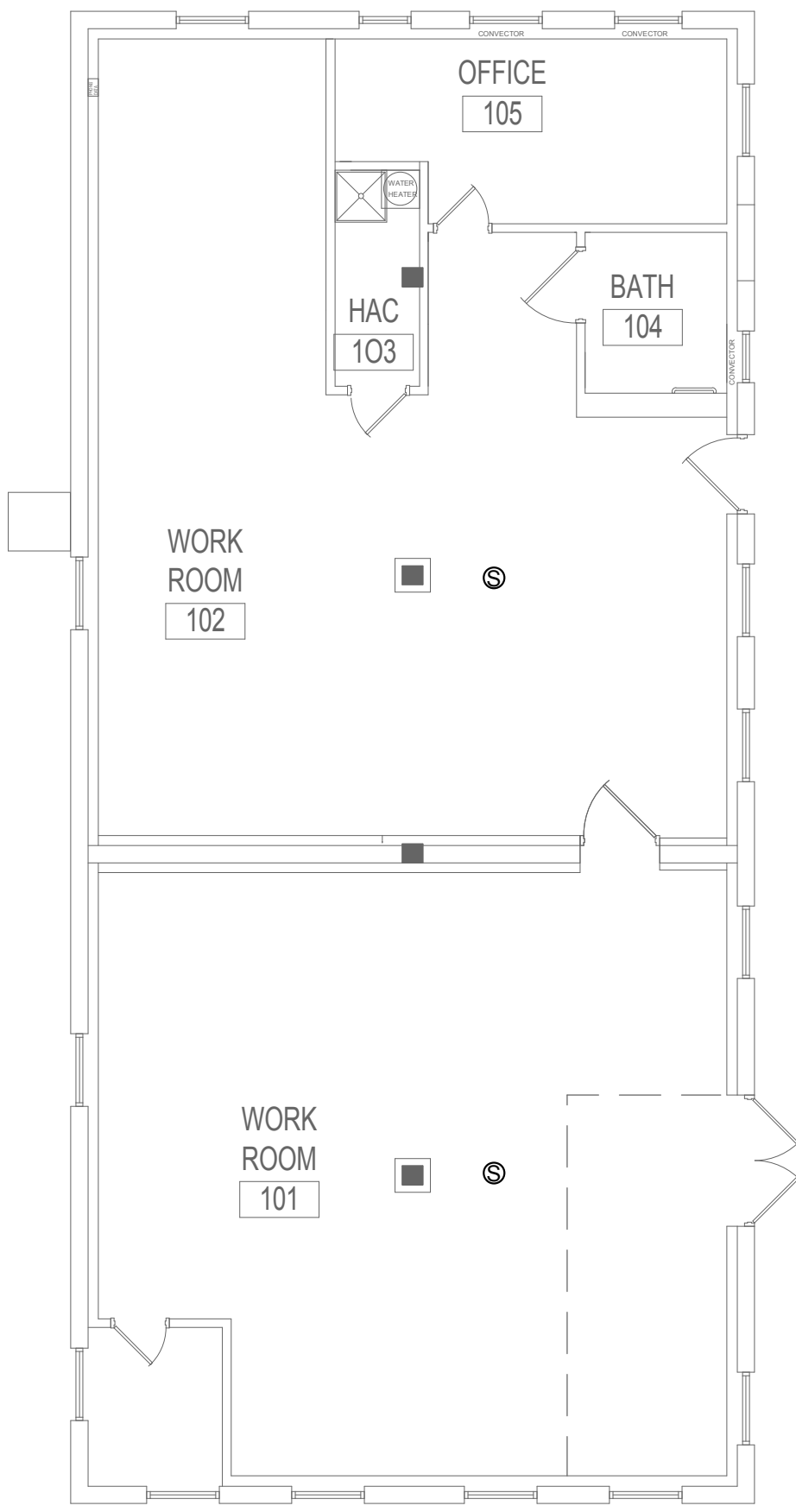
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.
BUILDING No.	CHECKED BY CP
DATE	DRAWN CG
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	ISSUE DATE 1/24/19
DATE	DRAWING NO. ET54-01

VA

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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1 BUILDING 57 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

1/24/2019 12:11:10 PM

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Revisions:	Date:

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 57 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

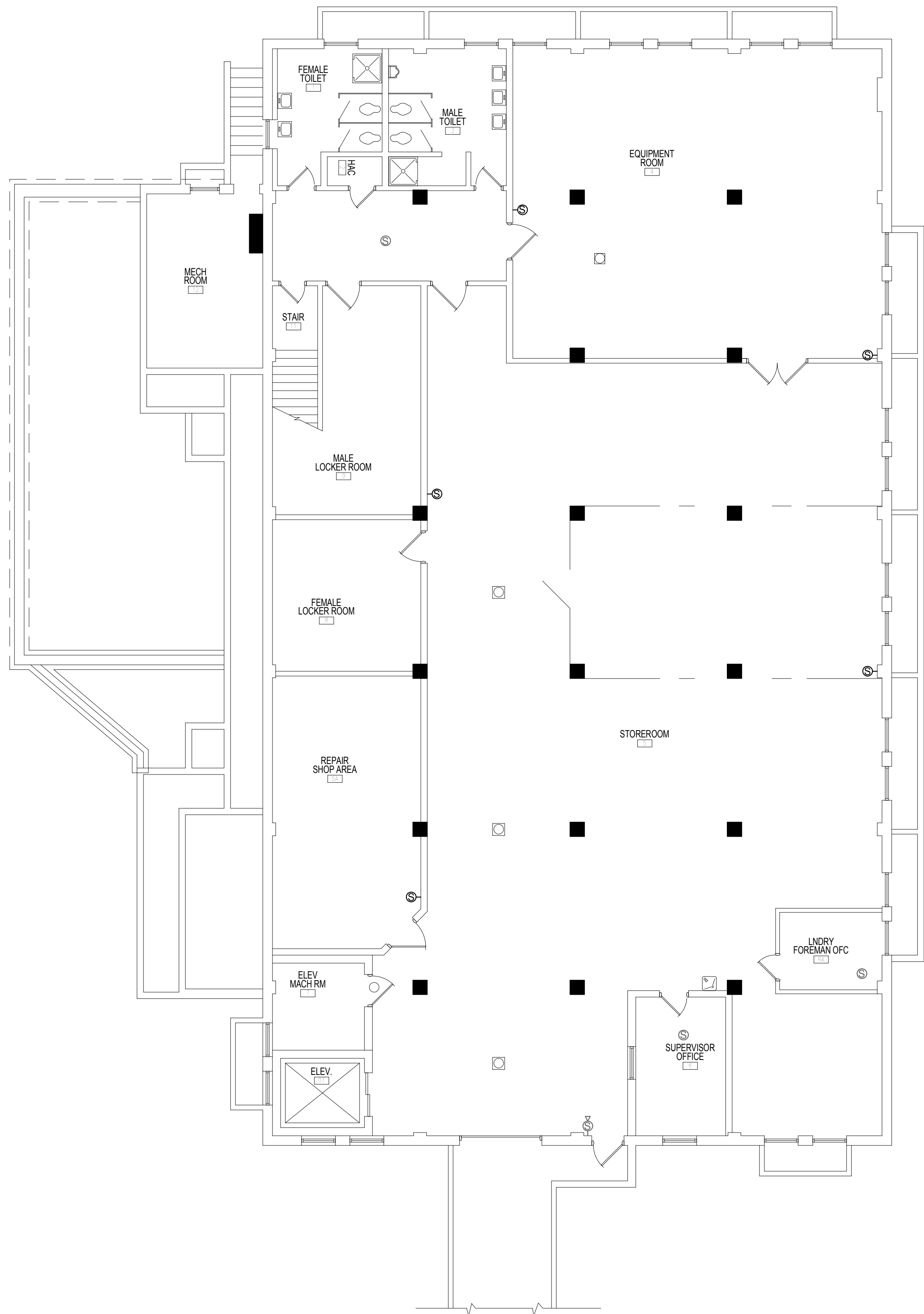
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PROJECT NO.:	
BUILDING No.:	CHECKED BY:	DRAWN:	ISSUE DATE:
	CP	CG	1/24/19
LOCATION	DATE:	DRAWING NO.:	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET57-01	



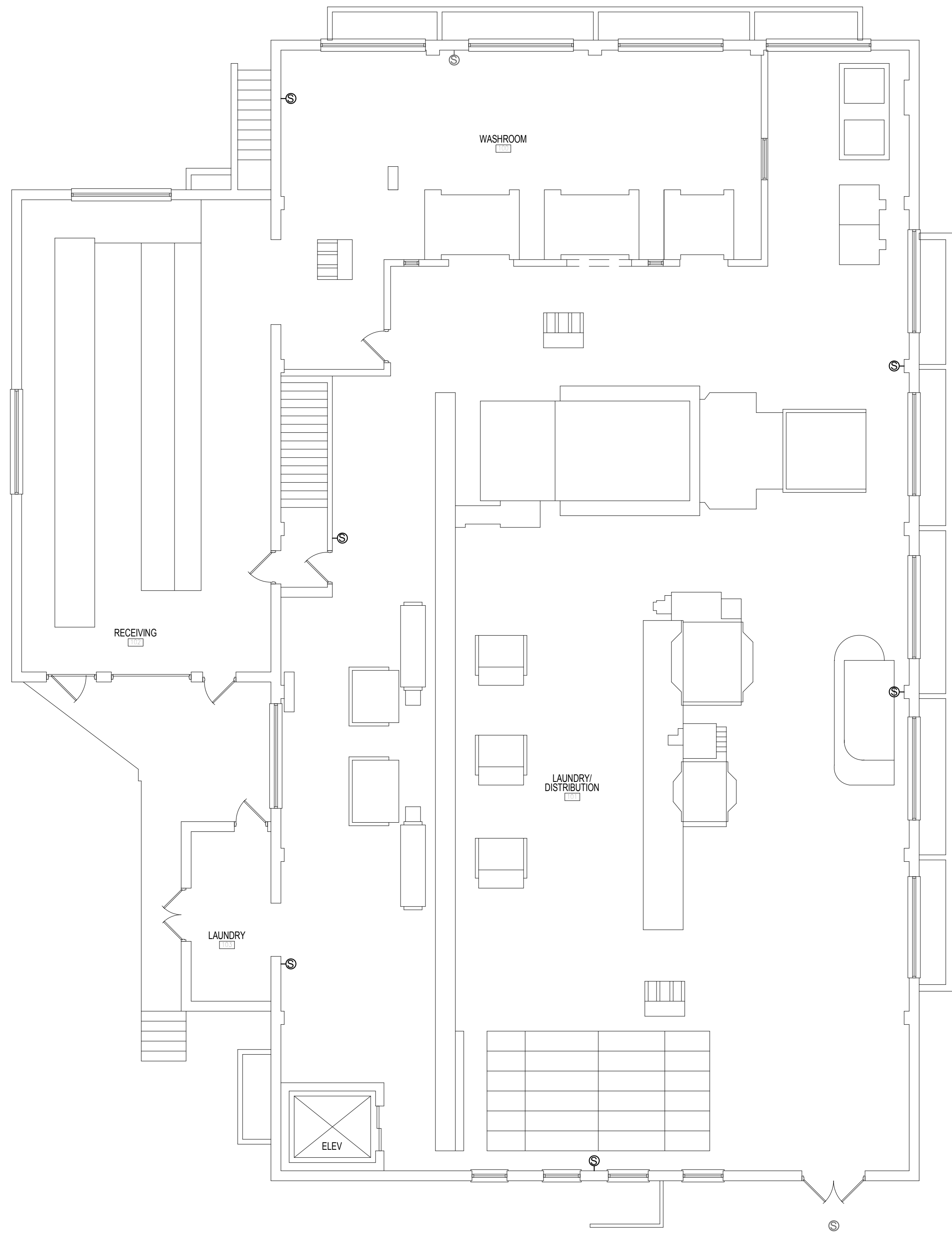
U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

- A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.
- B. DEMOLITION, INSTALLATION AND TESTING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS.
- C. PROVIDE PUBLIC ADDRESS SYSTEM MUTING RELAYS AT EACH LOCAL SOUND SYSTEM.
- D. SPEAKERS TAGGED WITH "S" INDICATE SURFACE MOUNTED SPEAKERS. CONTRACTOR SHALL CONFIRM WALL/CEILING TYPES AND REQUIREMENTS FOR SURFACE MOUNT SPEAKERS PRIOR TO INSTALLATION.
- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



① BUILDING 59 - PAGING SPEAKER FLOOR PLAN - BASEMENT
1/8" = 1'-0"



② BUILDING 59 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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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 Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

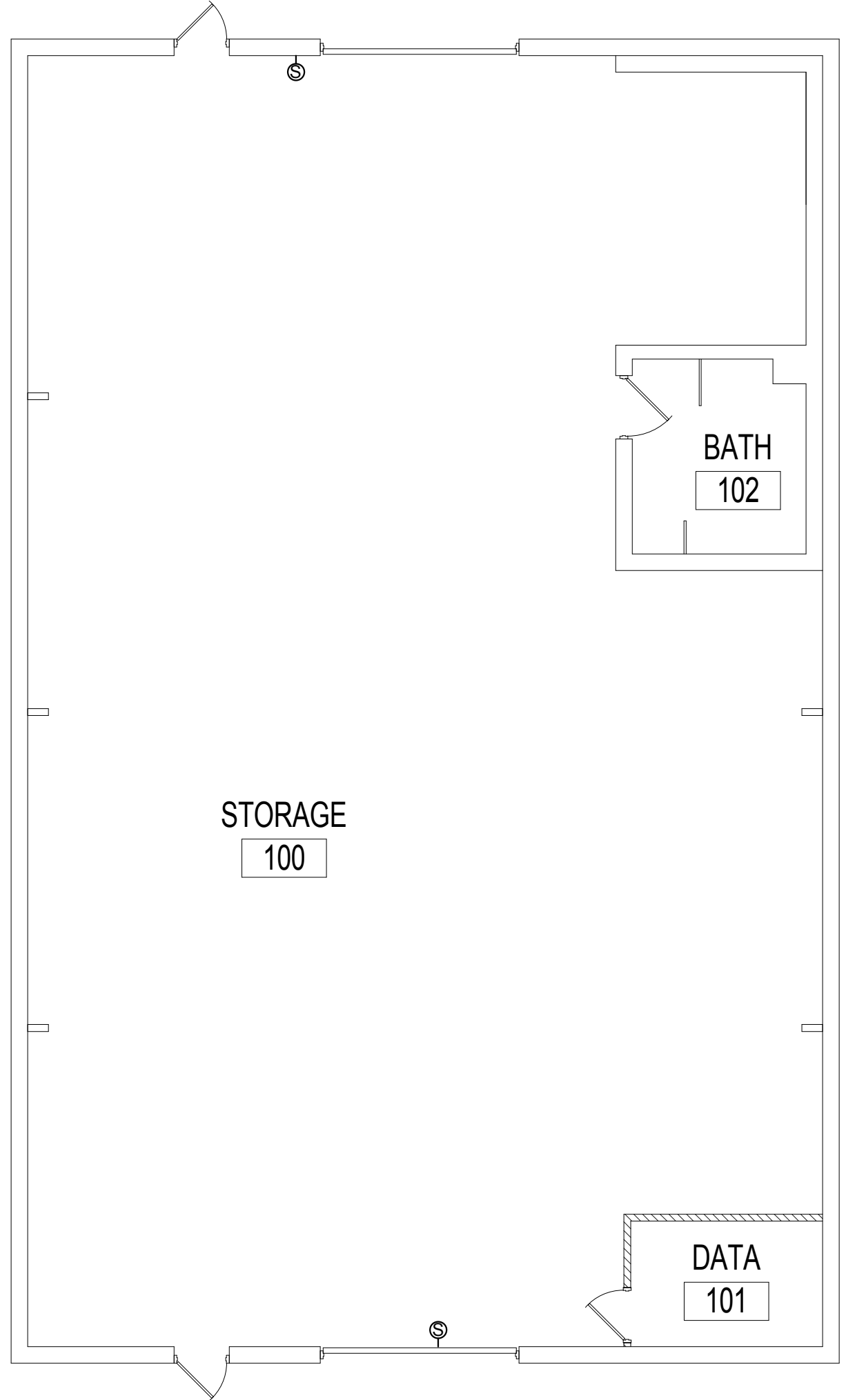
DRAWING TITLE
BUILDING 59 - PAGING SPEAKER FLOOR PLAN - BASEMENT & FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		DATE	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET59-00	

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 Veterans Health Administration
 St. Cloud VA Health Care System

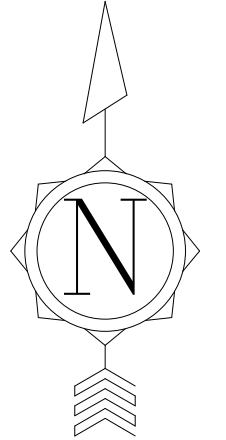
GENERAL NOTES:

- A. PRIOR TO BID, CONTRACTOR SHALL VISIT SITE AND REVIEW SCOPE OF WORK.
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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 109 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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AE PROJECT NUMBER: Project Number

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APPROVED: GEMS COORDINATOR	DATE	APPROVED: PATIENT SAFETY	DATE
APPROVED: PROJECTS SECTION MANAGER	DATE	APPROVED: CHIEF OF POLICE	DATE
APPROVED: DIRECTOR FMS	DATE	APPROVED: SAFETY MANAGER	DATE

DRAWING TITLE BUILDING 109 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE
APPROVED: CHIEF OF STAFF
DATE
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE

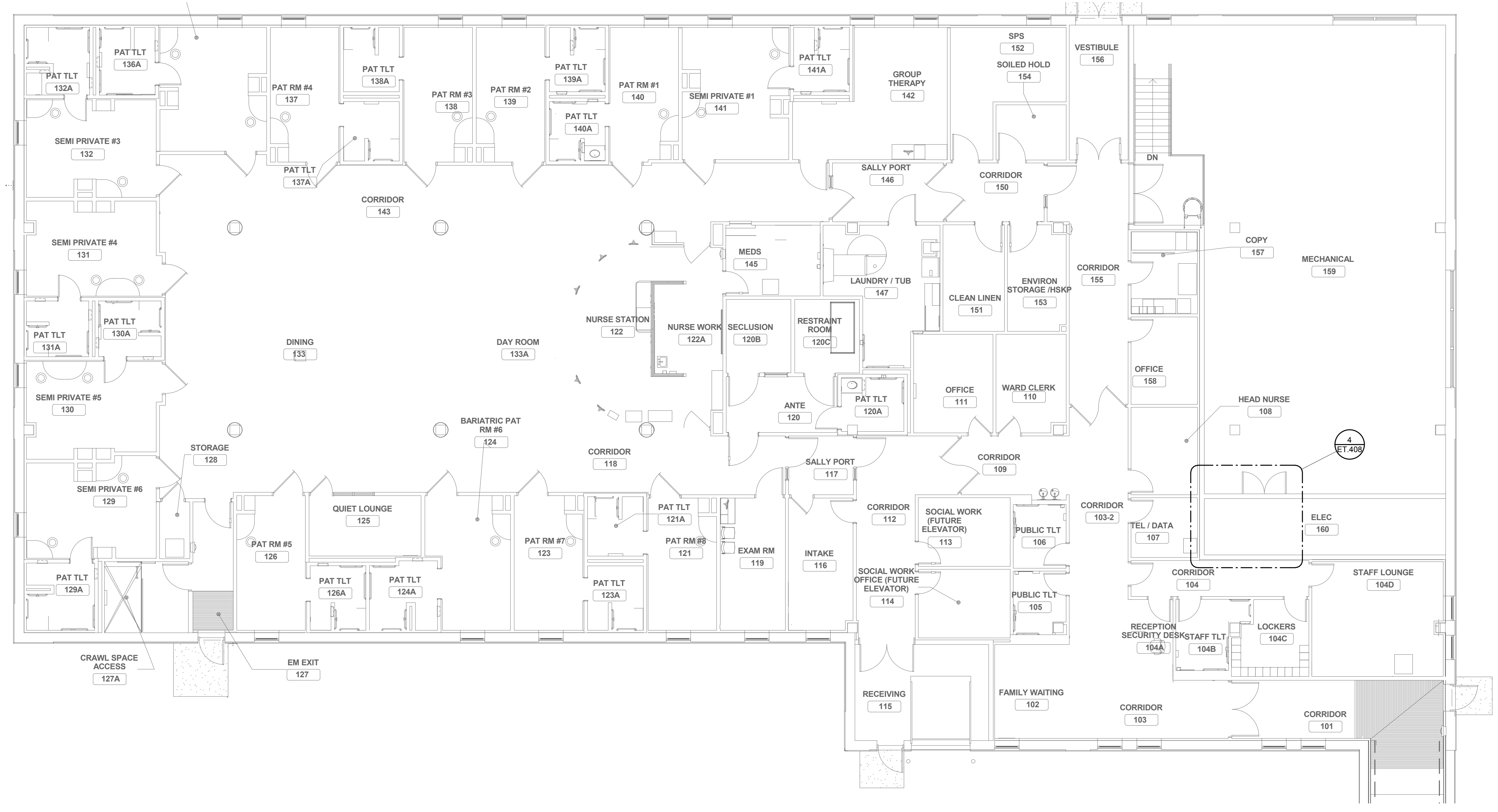
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.
BUILDING No.	ISSUE DATE
CHECKED BY CP	DATE 1/24/19
DRAWN CG	DRAWING NO. ET109-01
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	



U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 115 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

1/24/2019 11:21:12 PM
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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

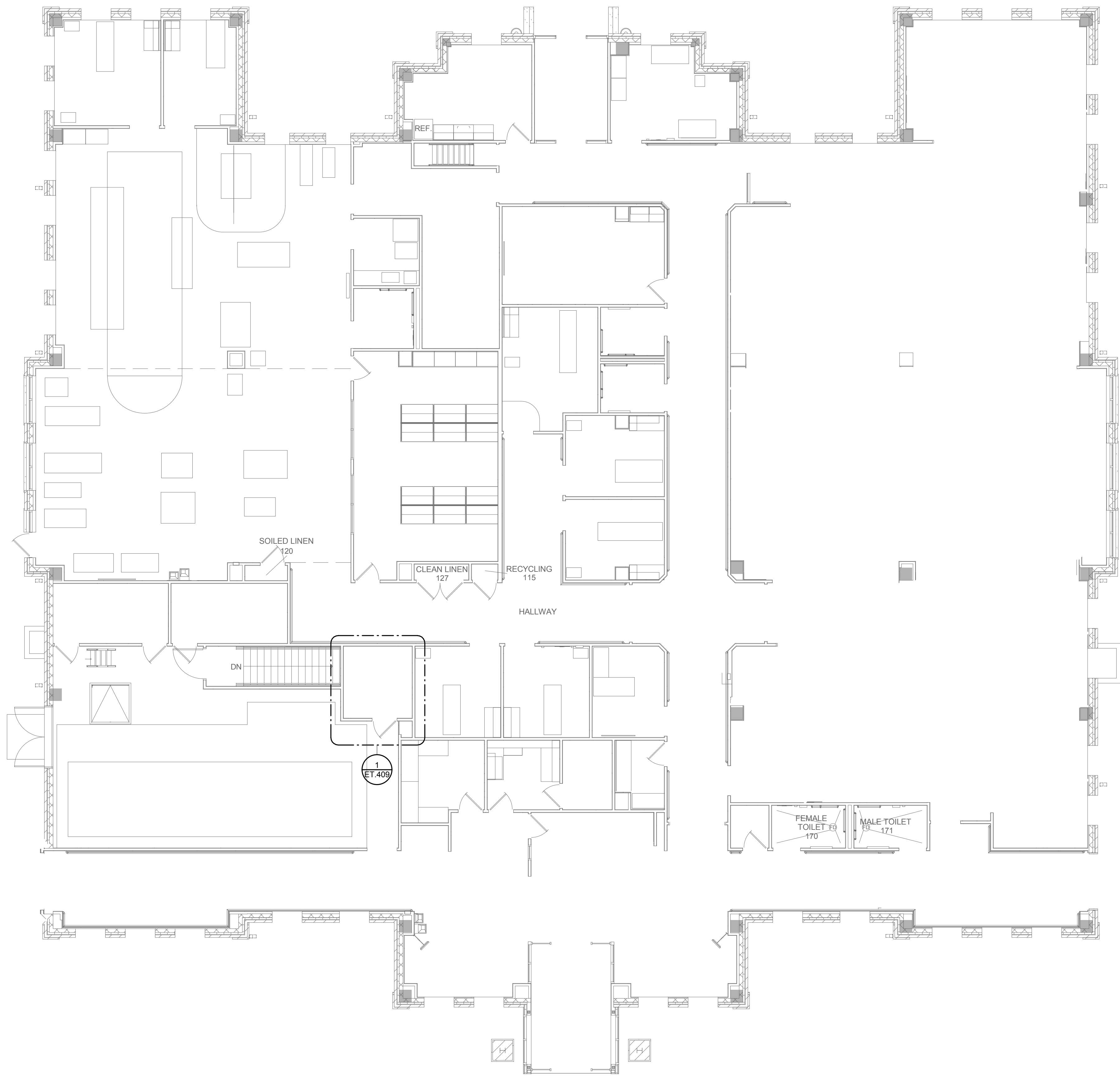
DRAWING TITLE BUILDING 115 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	FLIGHT SCALE
PROJECT NO.	
BUILDING No.	CHECKED BY
	CG
DATE	ISSUE DATE
	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO. ET115-01

VA
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 Veterans Health Administration
 St. Cloud VA Health Care System

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- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.



1 BUILDING 116 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
1/8" = 1'-0"

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APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 116 - PAGING SPEAKER FLOOR PLAN - FIRST FLOOR
 APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
 DATE:
 APPROVED: CHIEF OF STAFF
 DATE:
 APPROVED: HEALTH CARE SYSTEM DIRECTOR
 DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM		PLOT SCALE	
PROJECT NO.		PROJECT NO.	
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET116-01	

VA **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System

A

B

C

D

E

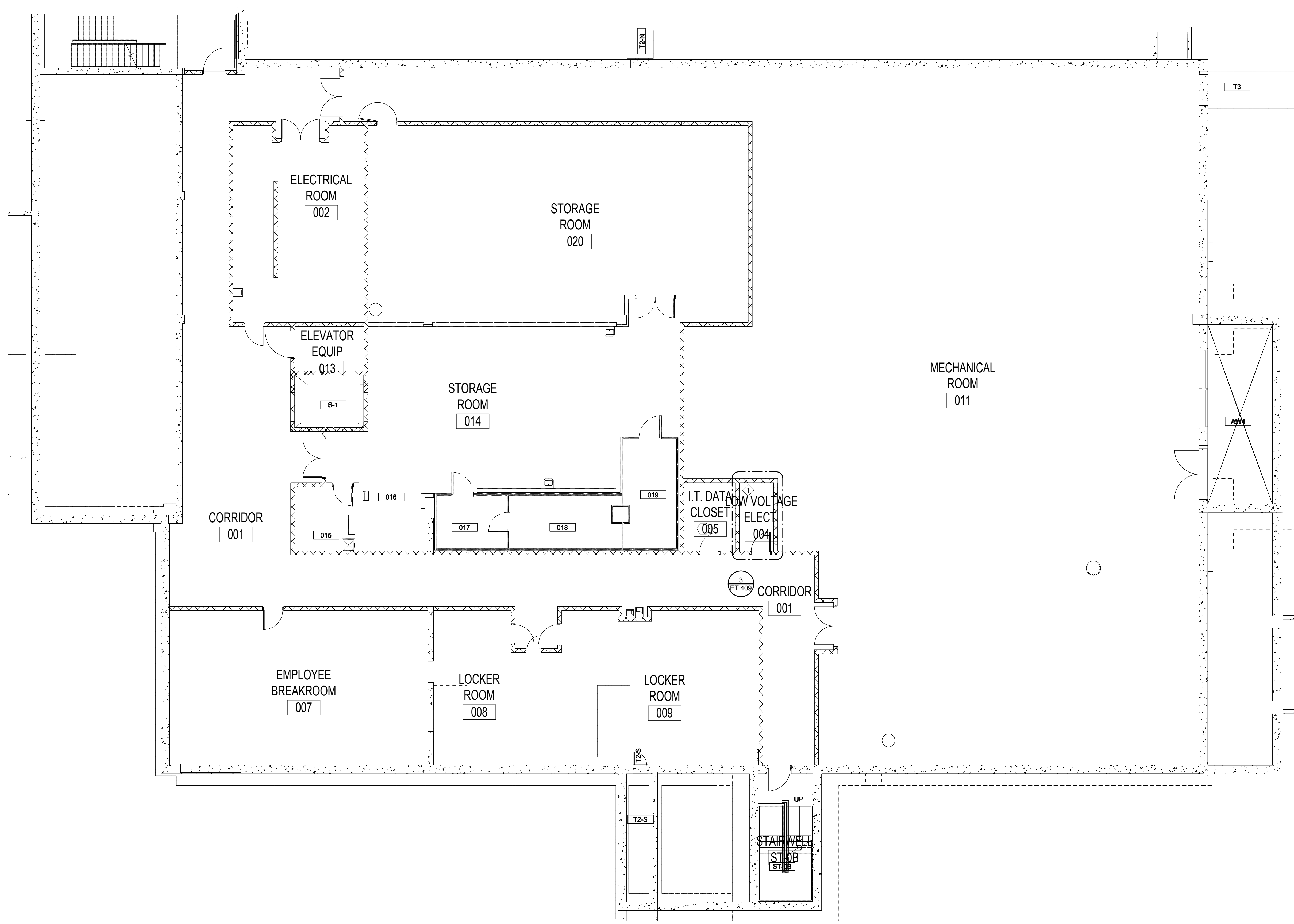
F

GENERAL NOTES:

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- E. REFERENCE DIVISION 7 FOR FIRESTOPPING REQUIREMENTS.
- F. PROVIDE MINIMUM 3/4" BLUE EMT FOR PUBLIC ADDRESS SYSTEM SPEAKERS.

KEY NOTES:

- 1. REMOVE EXISTING PUBLIC ADDRESS SYSTEM CABLING, CONNECTIVITY AND ENCLOSURE. REMOVE 120VAC BACK TO SOURCE. REMOVE AND RETURN PUBLIC ADDRESS SYSTEM AMPLIFIER(S) AND NETWORK SWITCH TO OWNER. REMOVAL OF EXISTING SYSTEM SHALL OCCUR AFTER THE NEW PUBLIC ADDRESS SYSTEM IS INSTALLED AND TESTED PER PROJECT REQUIREMENTS.
- 2. LEAVE EXISTING PA SYSTEM COMPONENTS IN PLACE. PROVIDE AND INSTALL NEW AC QUAD RECEPTACLE, AC OUTLET STRIPS, AC POWER LINE SURGE PROTECTOR AND FILTER, AND UPS PER SPECIFICATION 27 11 00



1 BUILDING 118 - PAGING SPEAKER DEMOLITION FLOOR PLAN - BASEMENT
1/8" = 1'-0"

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE
BUILDING 118 - PAGING SPEAKER FLOOR PLAN - BASEMENT
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE
UPGRADE PUBLIC ADDRESS SYSTEM
PROJECT NO.:
BUILDING No.:
CHECKED BY: CP
DRAWN: CG
ISSUE DATE: 1/24/19
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303
DRAWING NO.: ET118-00

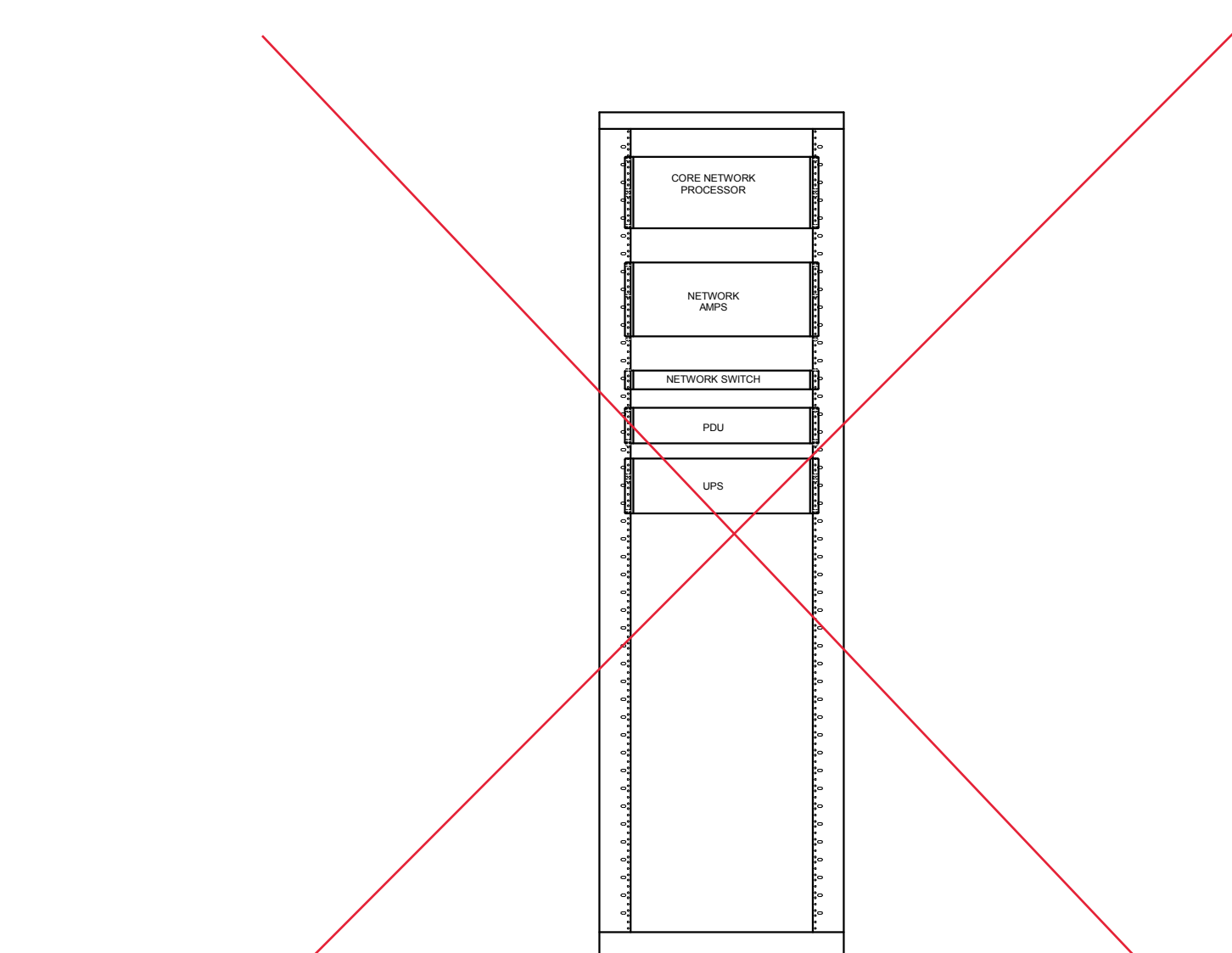
VA
U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

GENERAL NOTES:

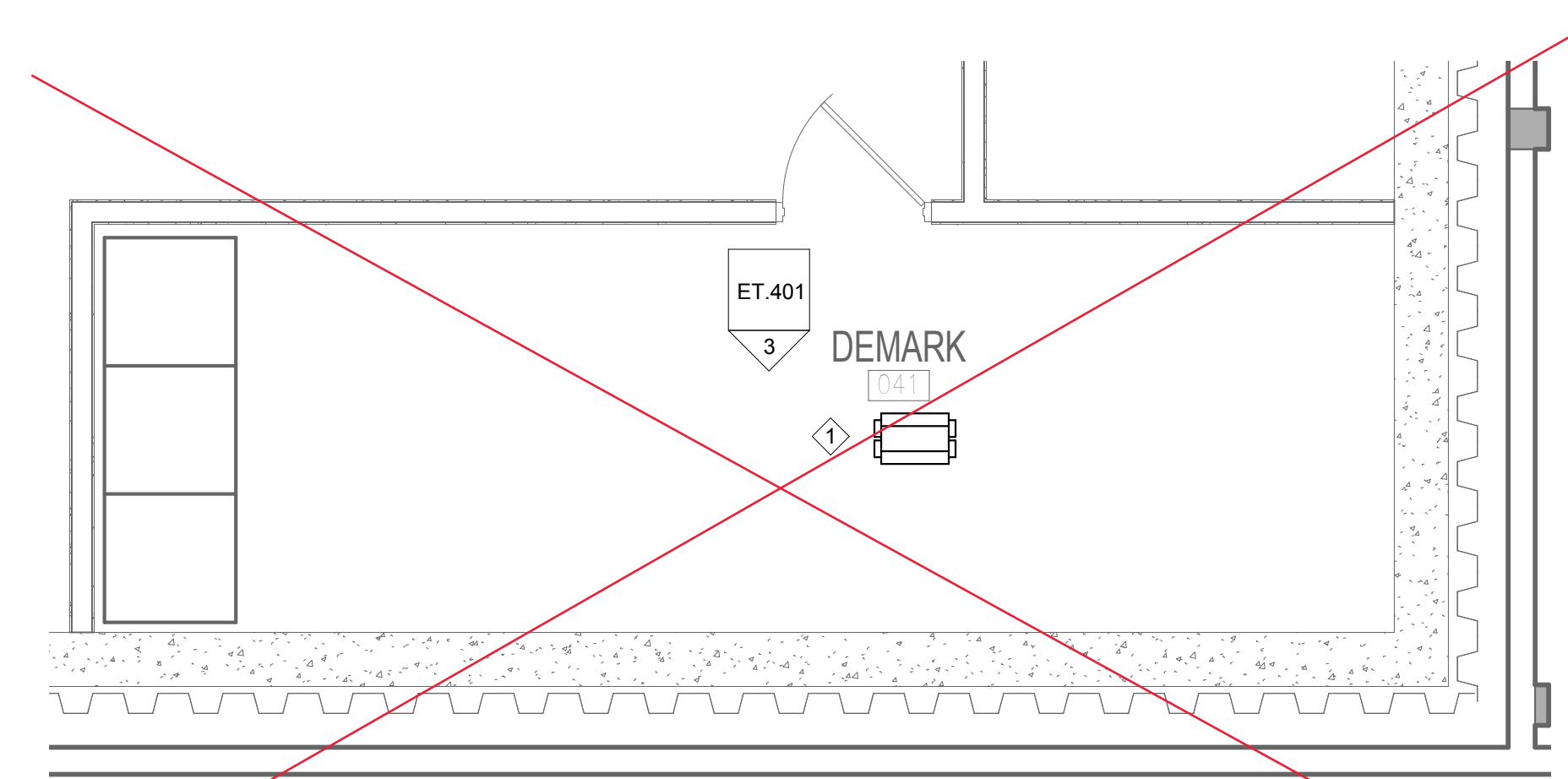
- A. PROVIDE CONNECTION TO CRITICAL POWER WITHIN ROOM.
- B. PROVIDE QUAD PROVIDE QUAD RECEPTACLE WITHIN EQUIPMENT CABINET (ENCLOSURE) AND RACK. SEE 27 11 00 FOR REQUIREMENTS.
- C. PROVIDE FIBER OPTIC CONNECTORS (ST/LC) REQUIRED BETWEEN EXISTING FIBER PATCH BOX AND PUBLIC ADDRESS SYSTEM HEADEND EQUIPMENT.
- D. PROVIDE MINIMUM 3/4" ORANGE EMT BETWEEN EXISTING FIBER BOX AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
- E. PROVIDE BLUE EMT BETWEEN PRE-WIRED (AND WIRED) PA CIRCUITS AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
- F. FIELD VERIFY FINAL LOCATION OF PA SYSTEM HEADEND WITHIN ROOM PRIOR TO INSTALL.

KEY NOTES:

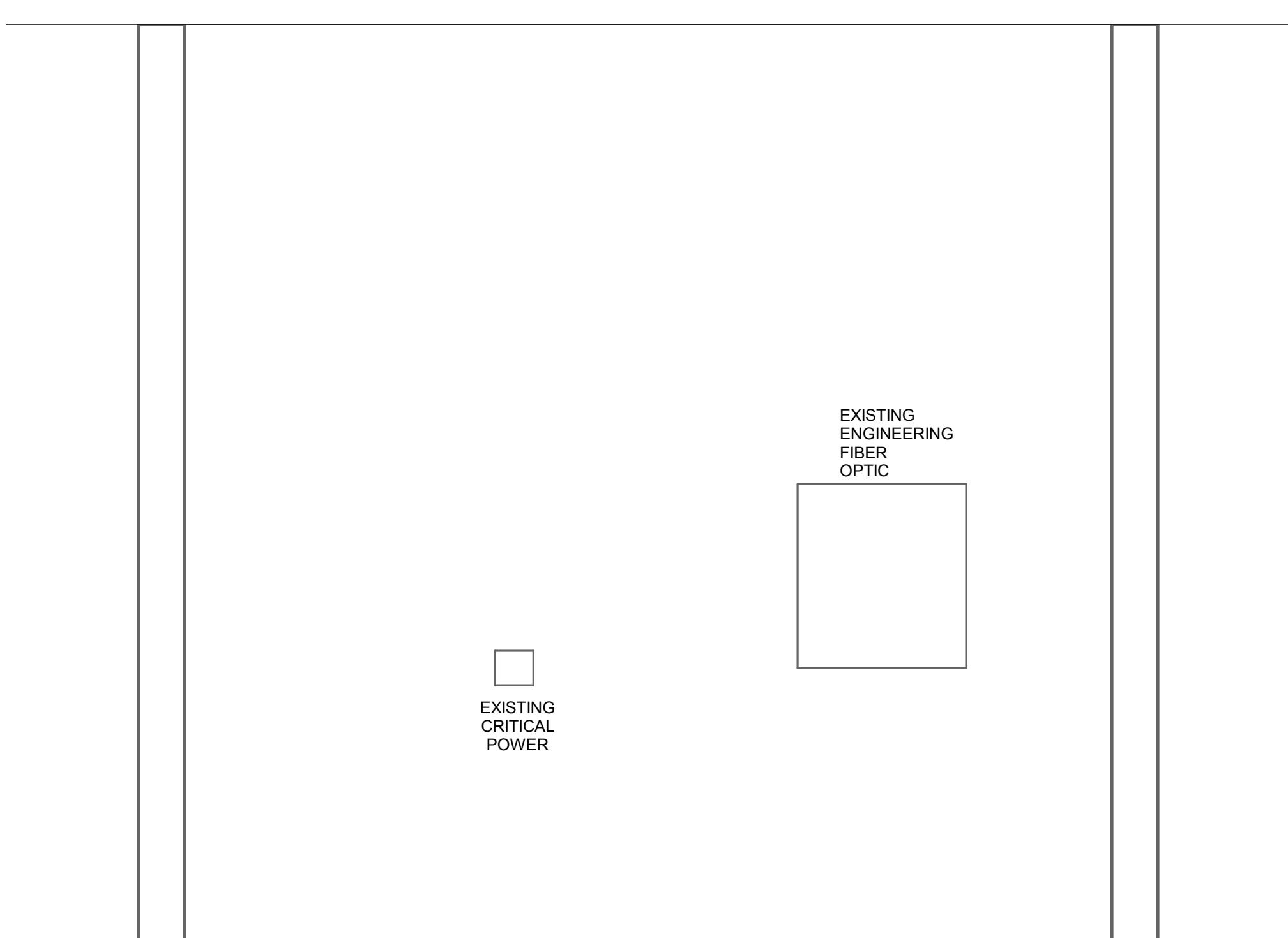
- 1. INTERCEPT AND EXTEND POWER FROM EXISTING IN-ROOM RECEPTACLE TO PDU WITHIN RACK.



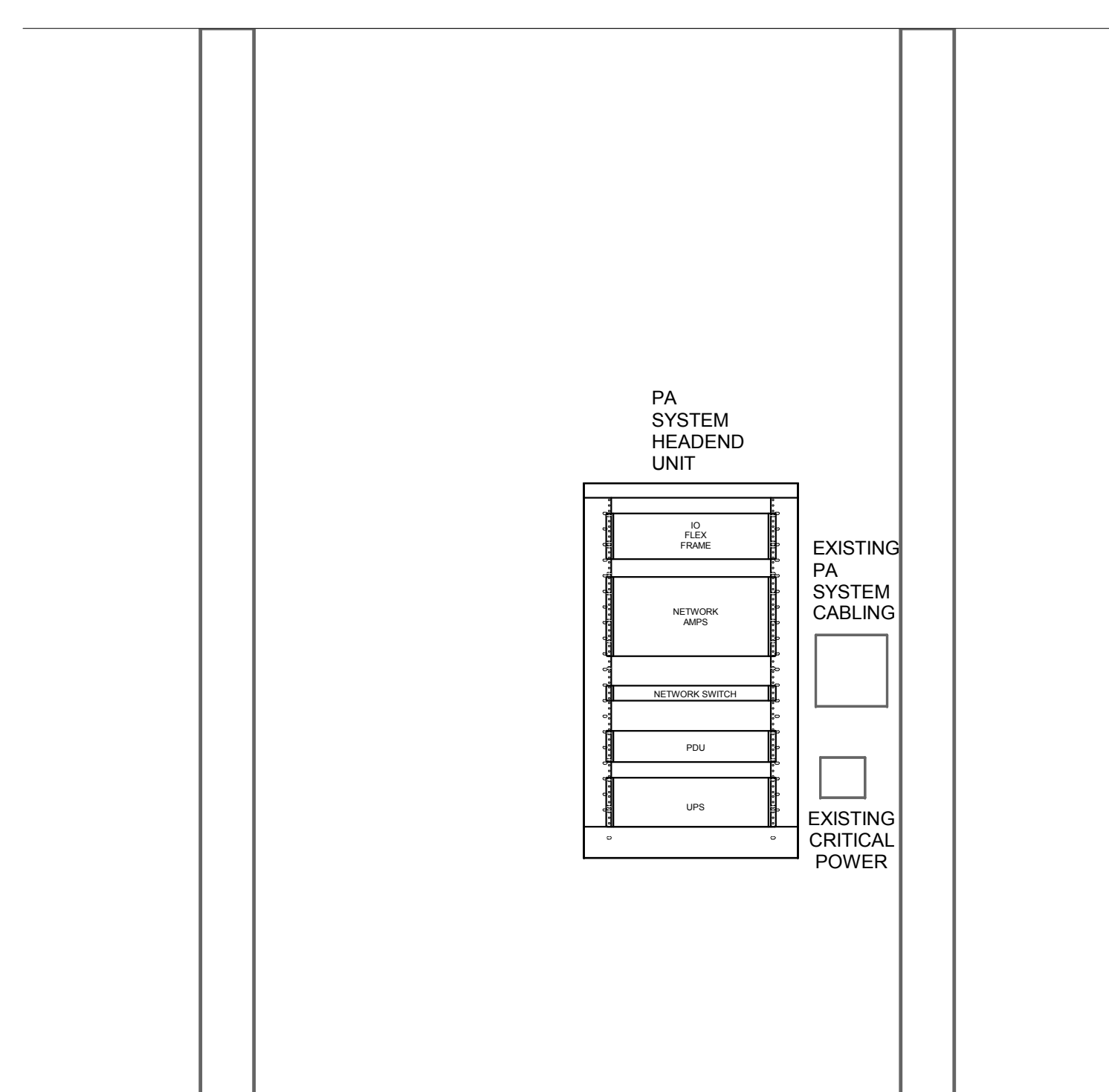
3 BLDG 4 - BASEMENT - DEMARK 041 - SOUTH ELEVATION
3/4" = 1'-0"



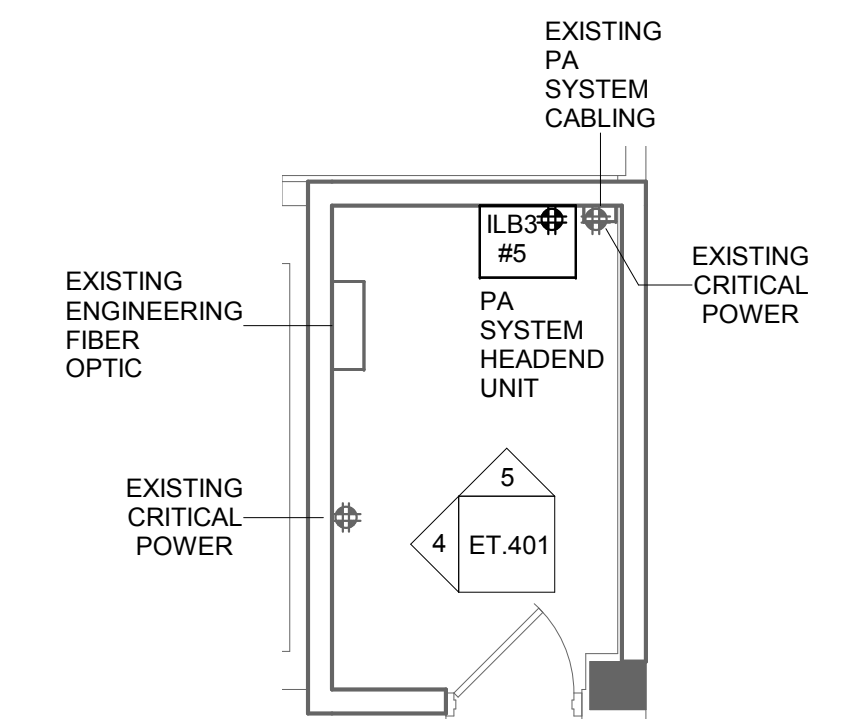
1 ENLARGED ROOM - BUILDING 4 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"



4 BLDG 1 - BASEMENT - PHONE CLOSET 1 - WEST ELEVATION
3/4" = 1'-0"



5 BLDG 1 - BASEMENT - PHONE CLOSET 1 - NORTH ELEVATION
3/4" = 1'-0"



2 ENLARGED ROOM - BUILDING 1 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE ENLARGED COMMUNICATION ROOM PLANS	APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

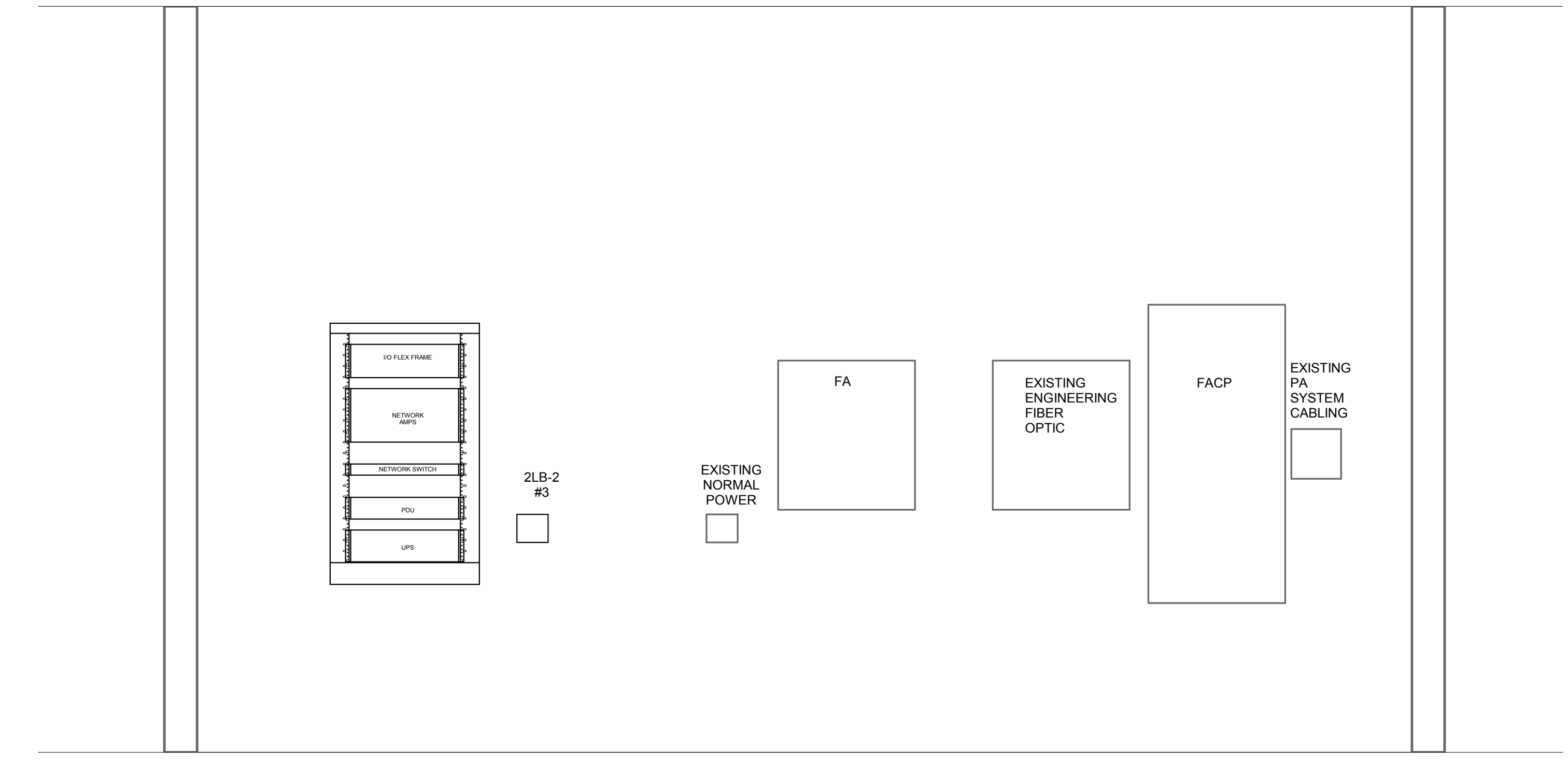
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	PROJECT NO.:
BUILDING No.:	CHECKED BY: CP
DATE:	DRAWN: CG
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	ISSUE DATE 1/24/19 DRAWING NO. ET.401

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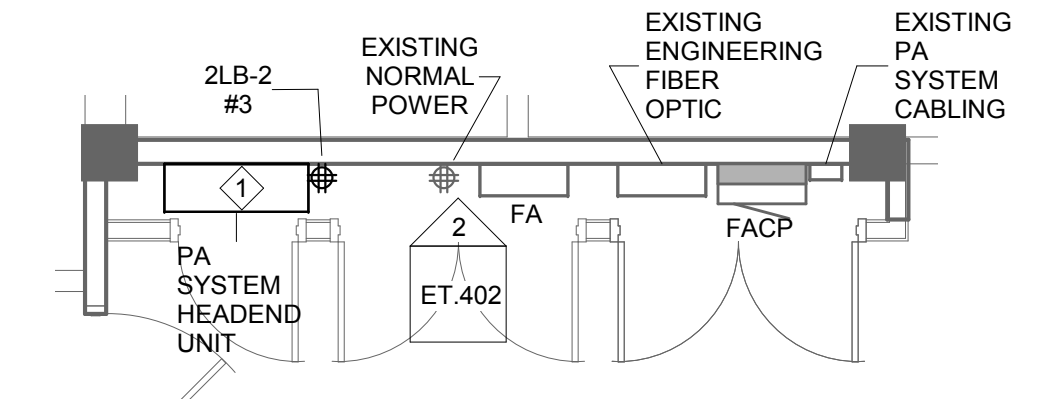
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- GENERAL NOTES:**
- A. PROVIDE CONNECTION TO CRITICAL POWER WITHIN ROOM, IF AVAILABLE.
 - B. PROVIDE QUAD RECEPTACLE WITHIN EACH EQUIPMENT CABINET (ENCLOSURE). SEE 27 11 00 FOR REQUIREMENTS.
 - C. PROVIDE FIBER OPTIC CONNECTORS (ST/LO) REQUIRED BETWEEN EXISTING FIBER PATCH BOX AND PUBLIC ADDRESS SYSTEM HEADEND EQUIPMENT.
 - D. PROVIDE MINIMUM 3/4" ORANGE EMT BETWEEN EXISTING FIBER BOX AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
 - E. PROVIDE BLUE EMT BETWEEN PRE-WIRED (AND WIRED) PA CIRCUITS AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
 - F. FIELD VERIFY FINAL LOCATION OF PA SYSTEM HEADEND WITHIN ROOM PRIOR TO INSTALL.

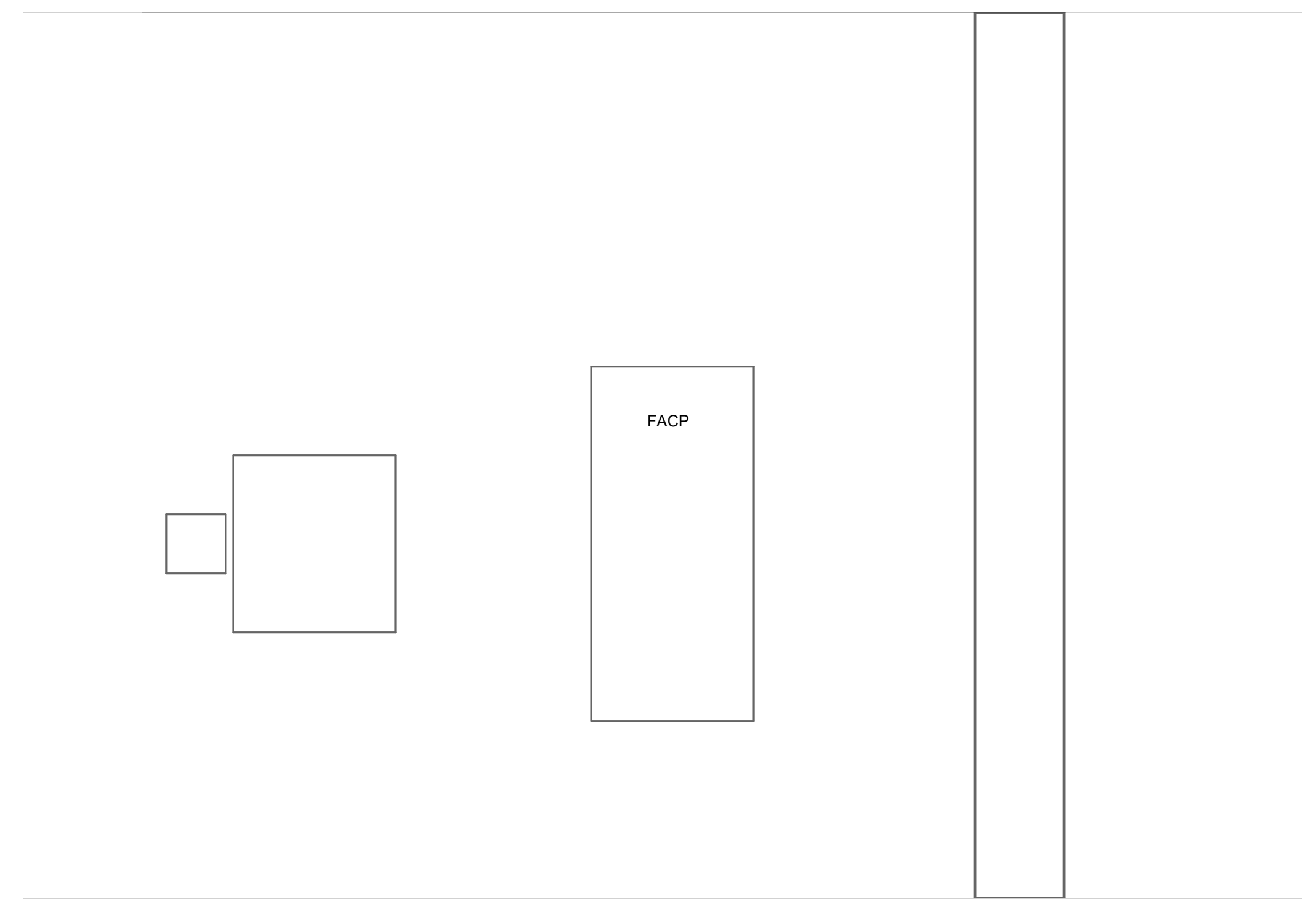
- KEY NOTES:**
- ① PROVIDE PUBLIC ADDRESS SYSTEM WALL MOUNTED EQUIPMENT TO MOUNT VERTICALLY WITHIN SHALLOW ROOM. PROVIDE WALL BRACKETS FOR EACH PIECE OF EQUIPMENT REQUIRED. REMOVE AND RETURN EXISTING PA NETWORK SWITCH BACK TO OWNER UPON COMPLETION OF NEW PUBLIC ADDRESS SYSTEM. **SALVAGE AND REINSTALL.**
 - ② PROVIDE INSTALLATION OF PUBLIC ADDRESS SYSTEM RACK ADJACENT TO MECHANICAL DUCTWORK. EXTEND 120V POWER FROM EXISTING RECEPTACLE INTO RACK.



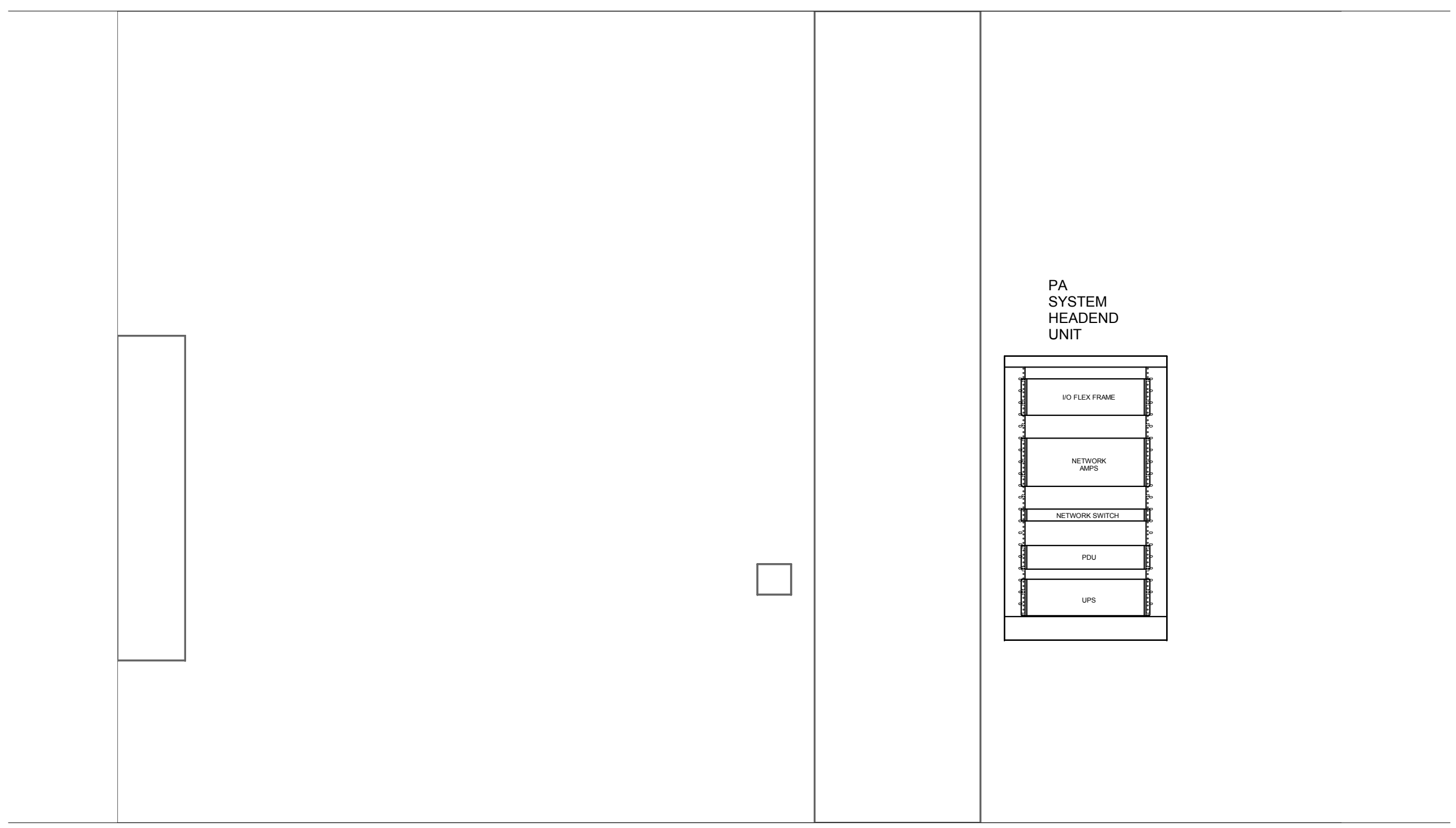
② BLDG 2 - BASEMENT - PHONE CLOSET 1 - NORTH ELEVATION
3/4" = 1'-0"



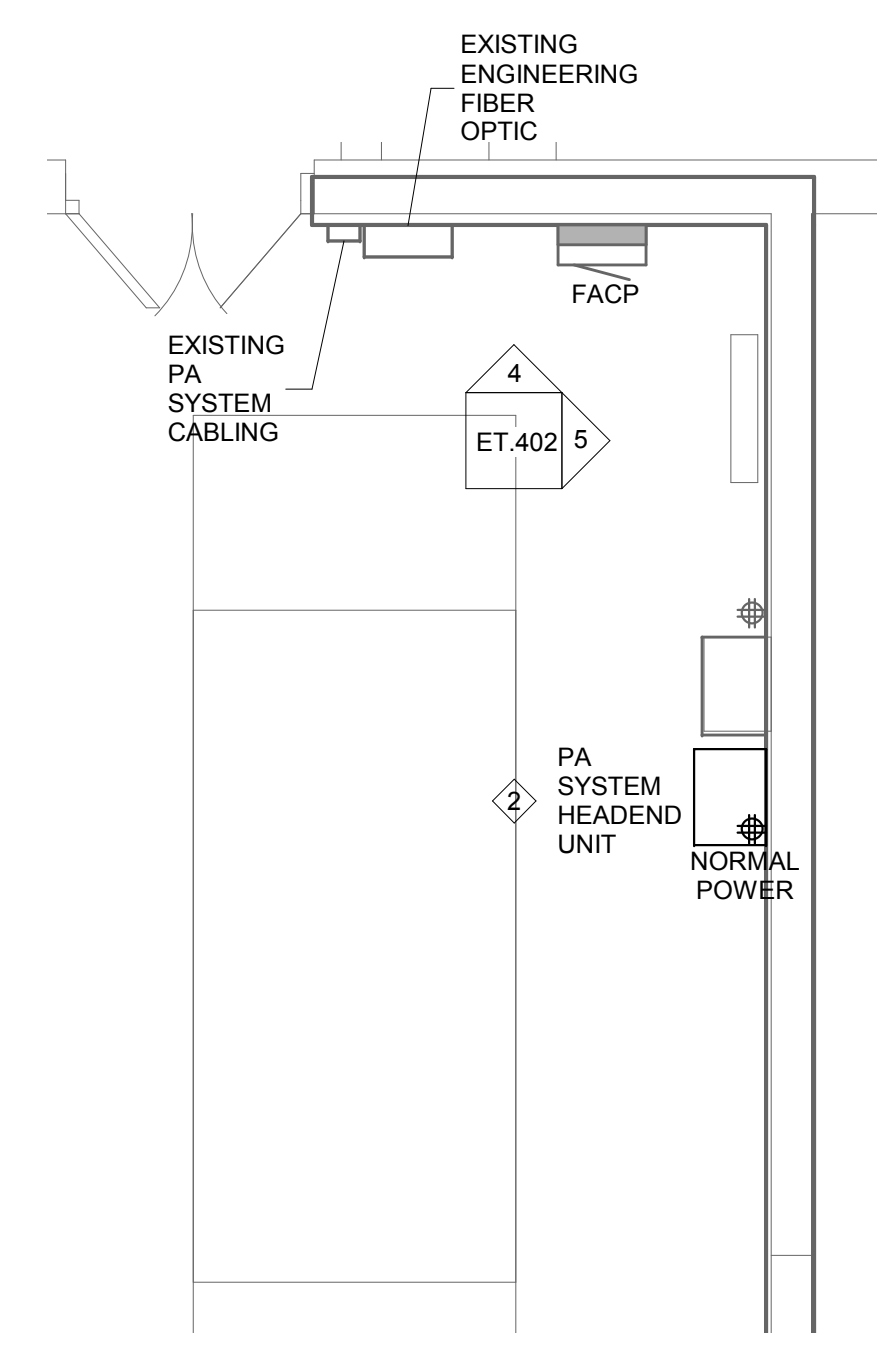
① ENLARGED ROOM - BUILDING 2 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"



④ BLDG 3 - BASEMENT - BASEMENT 1 - NORTH ELEVATION
3/4" = 1'-0"



⑤ BLDG 3 - BASEMENT - BASEMENT 1 - EAST ELEVATION
3/4" = 1'-0"



③ ENLARGED ROOM - BUILDING 3 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

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APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

DRAWING TITLE ENLARGED COMMUNICATION ROOM PLANS		PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	
DATE:		PROJECT NO.:	
BUILDING No.:	CHECKED BY:	DATE:	ISSUE DATE:
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE:	DRAWING NO. ET.402	

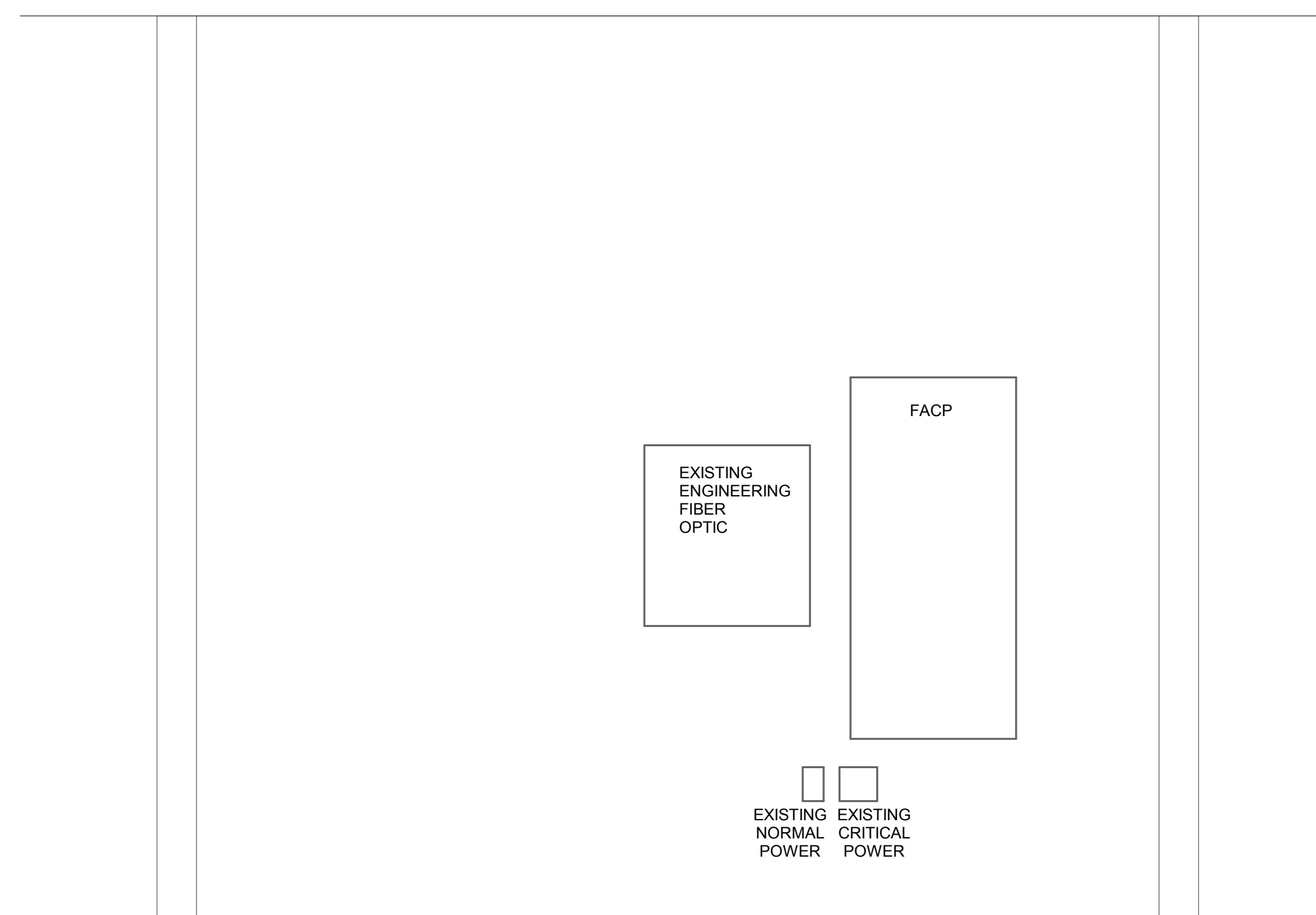
VA U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

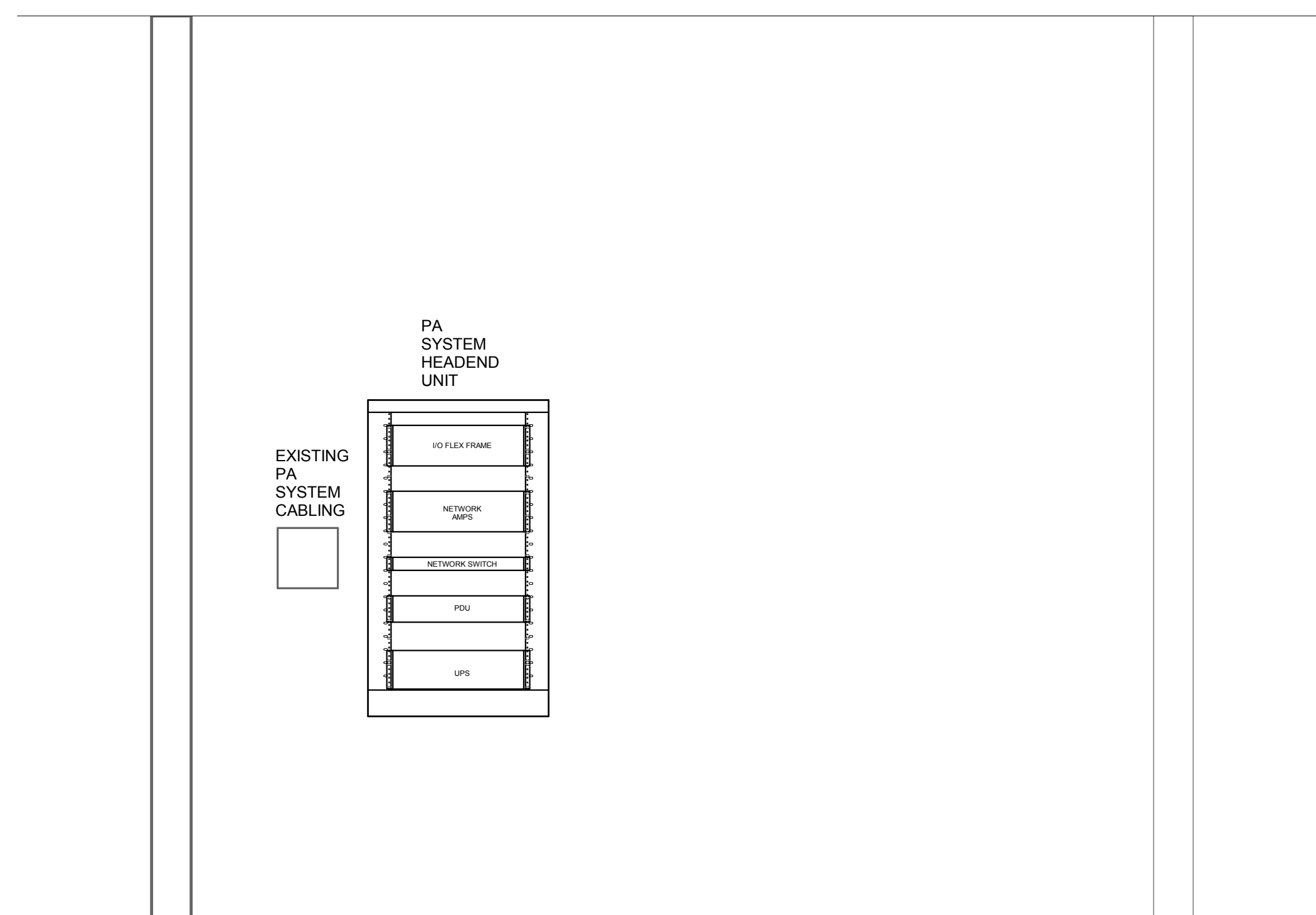
- A. PROVIDE CONNECTION TO CRITICAL POWER WITHIN ROOM.
- B. PROVIDE QUAD RECEPTACLE WITHIN EACH EQUIPMENT CABINET (ENCLOSURE). SEE 27 11 00 FOR REQUIREMENTS.
- C. PROVIDE FIBER OPTIC CONNECTORS (ST/LC) REQUIRED BETWEEN EXISTING FIBER PATCH BOX AND PUBLIC ADDRESS SYSTEM HEADEND EQUIPMENT.
- D. PROVIDE MINIMUM 3/4" ORANGE EMT BETWEEN EXISTING FIBER BOX AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
- E. PROVIDE BLUE EMT BETWEEN PRE-WIRED (AND WIRED) PA CIRCUITS AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
- F. FIELD VERIFY FINAL LOCATION OF PA SYSTEM HEADEND WITHIN ROOM PRIOR TO INSTALL.

KEY NOTES:

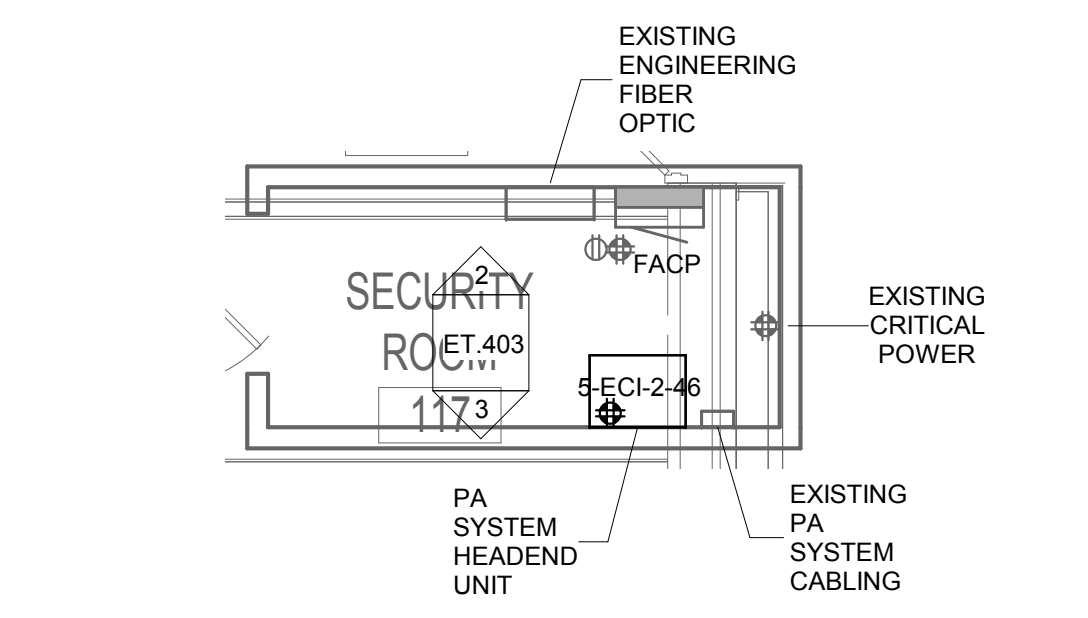
- 1. NOT USED.



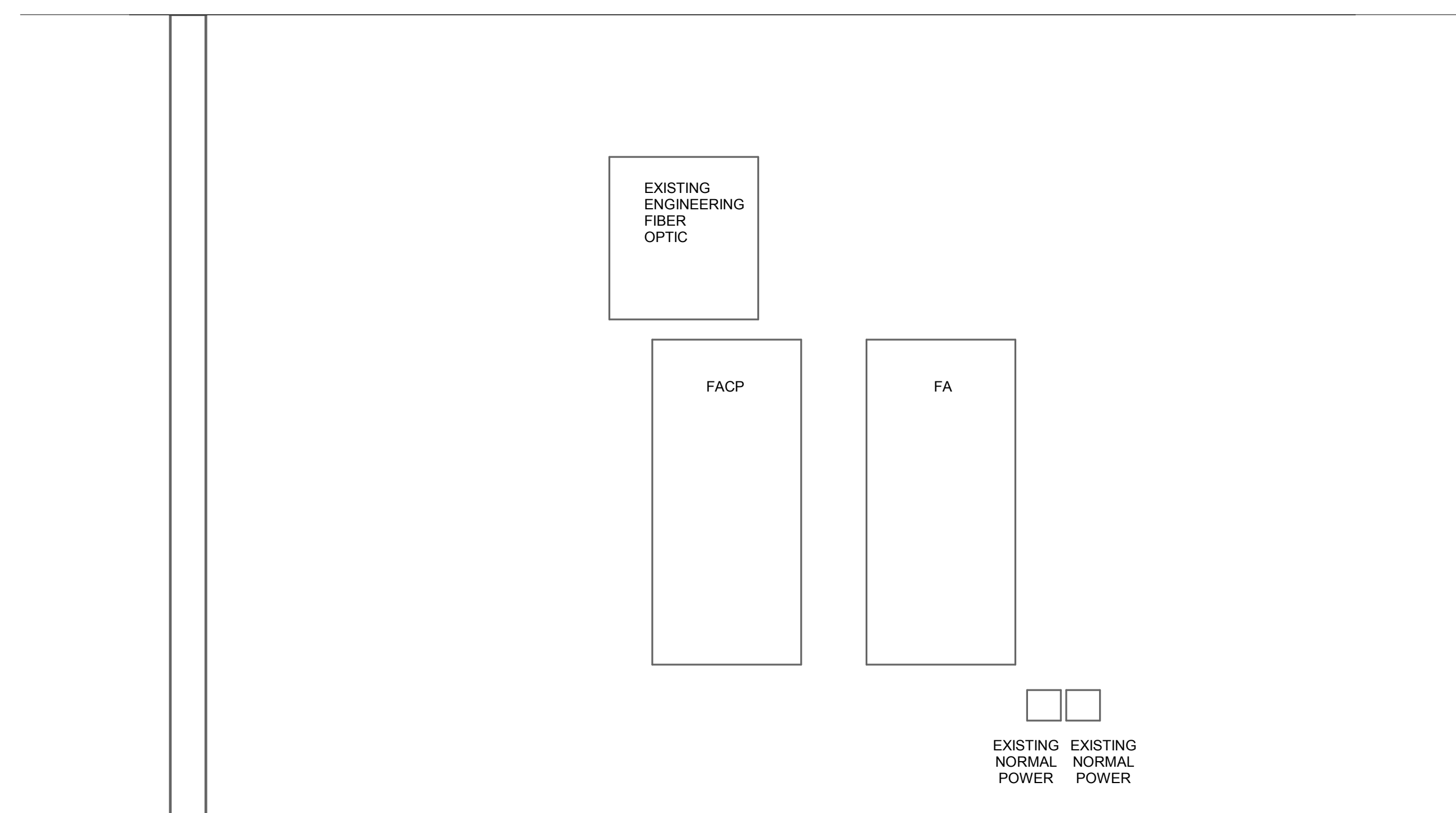
2 BLDG 5 - FIRST FLOOR - SECURITY ROOM 117 - NORTH ELEVATION
3/4" = 1'-0"



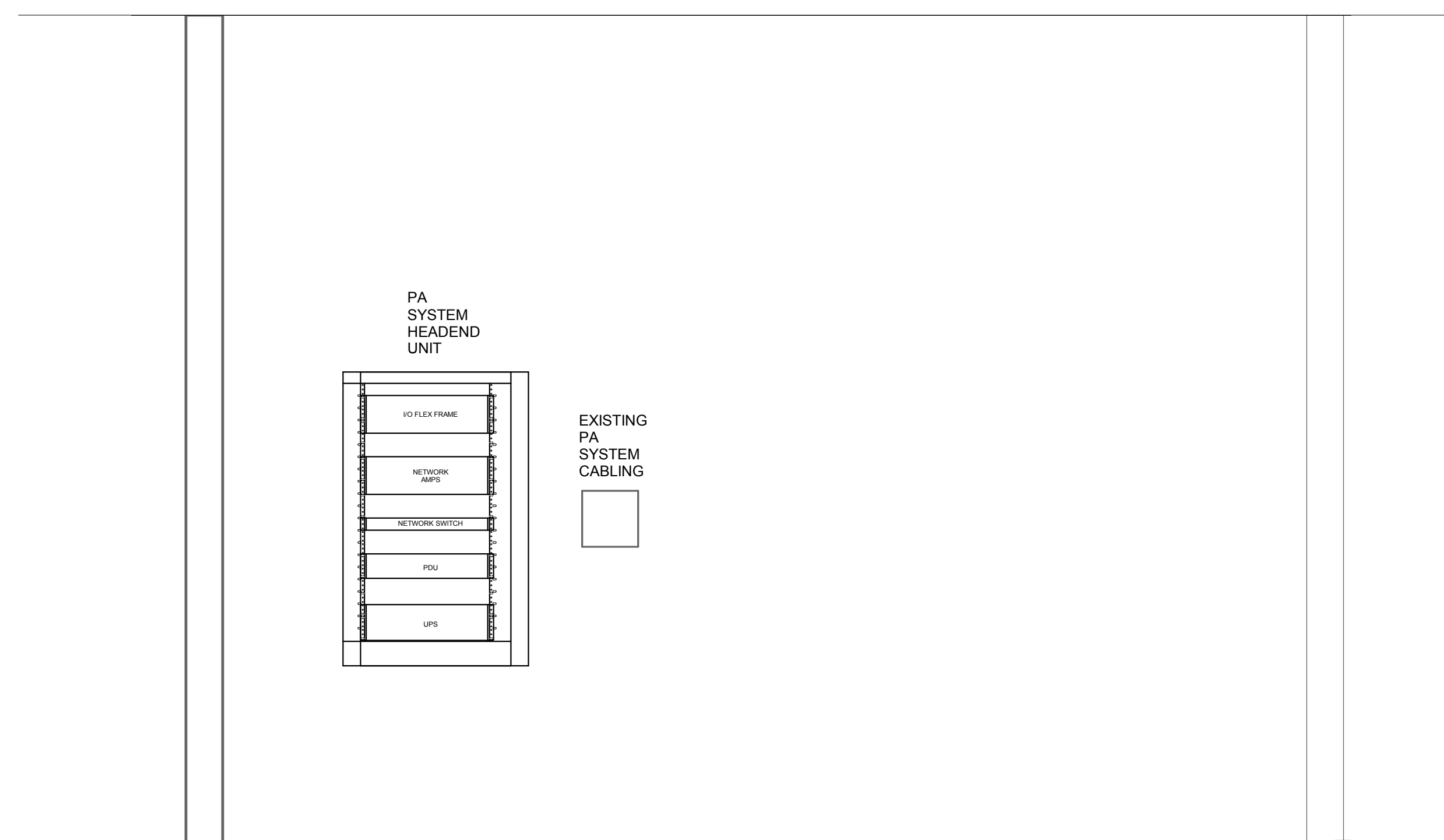
3 BLDG 5 - FIRST FLOOR - SECURITY ROOM 117 - SOUTH ELEVATION
3/4" = 1'-0"



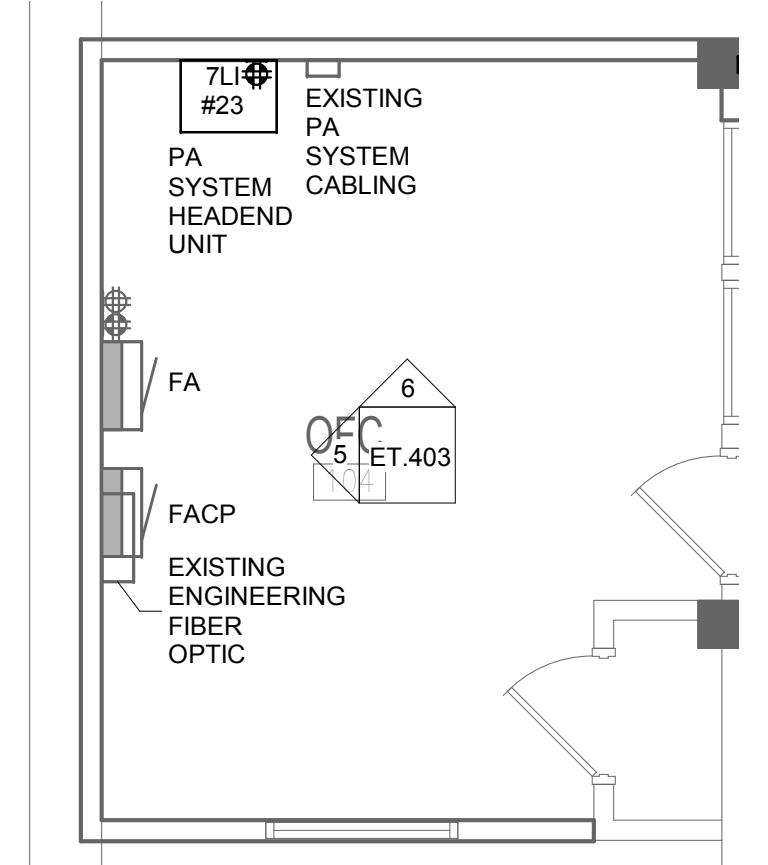
1 ENLARGED ROOM - BUILDING 5 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"



5 BLDG 7 - FIRST FLOOR - OFC 104 - WEST ELEVATION
3/4" = 1'-0"



6 BLDG 7 - FIRST FLOOR - OFC 104 - NORTH ELEVATION
3/4" = 1'-0"



4 ENLARGED ROOM - BUILDING 7 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

Revisions:	Date:

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 Name: Chris M. Piliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

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DRAWING TITLE ENLARGED COMMUNICATION ROOM PLANS			
PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM			
BUILDING NO.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET.403	

VA U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

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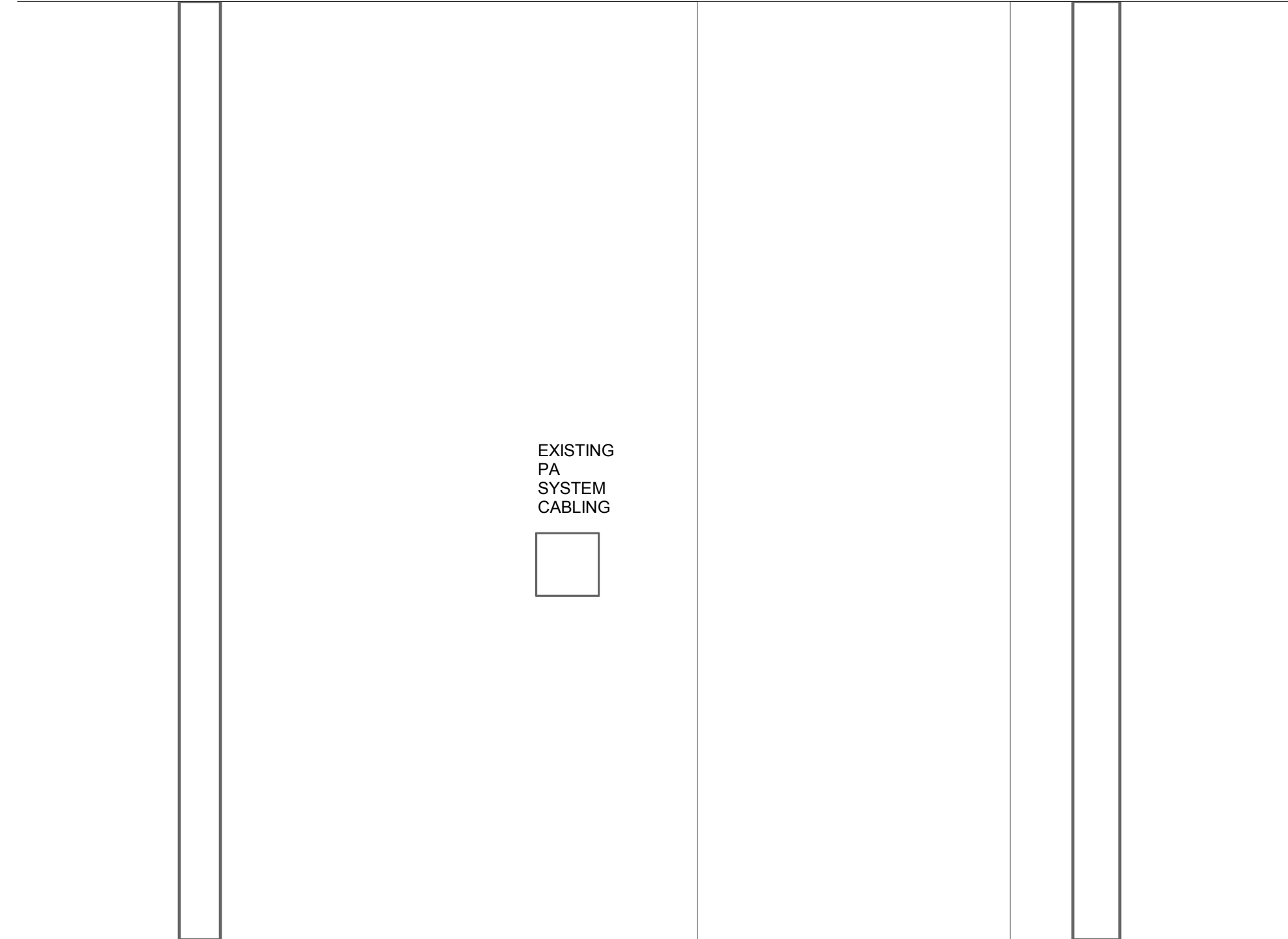
D

E

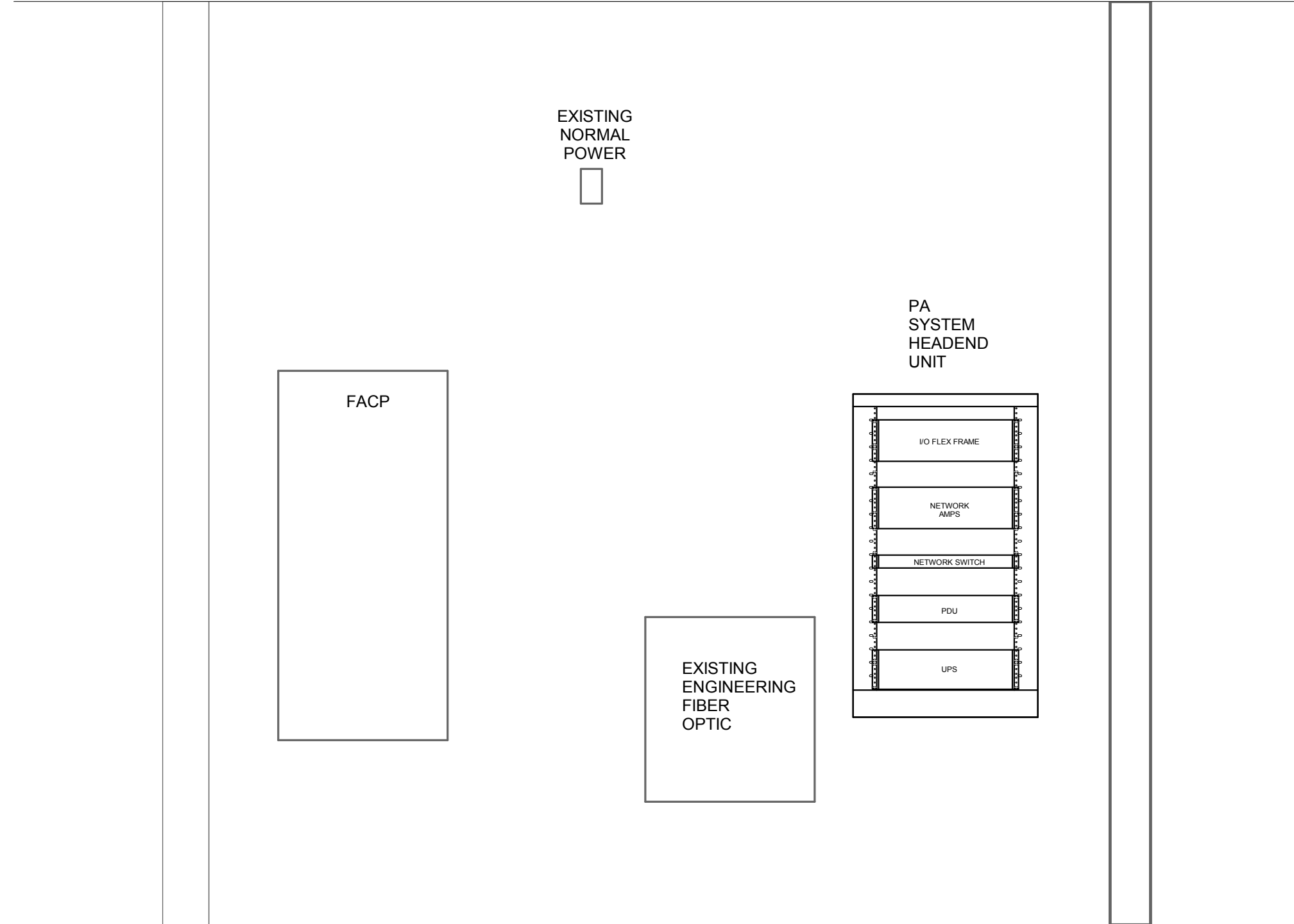
F

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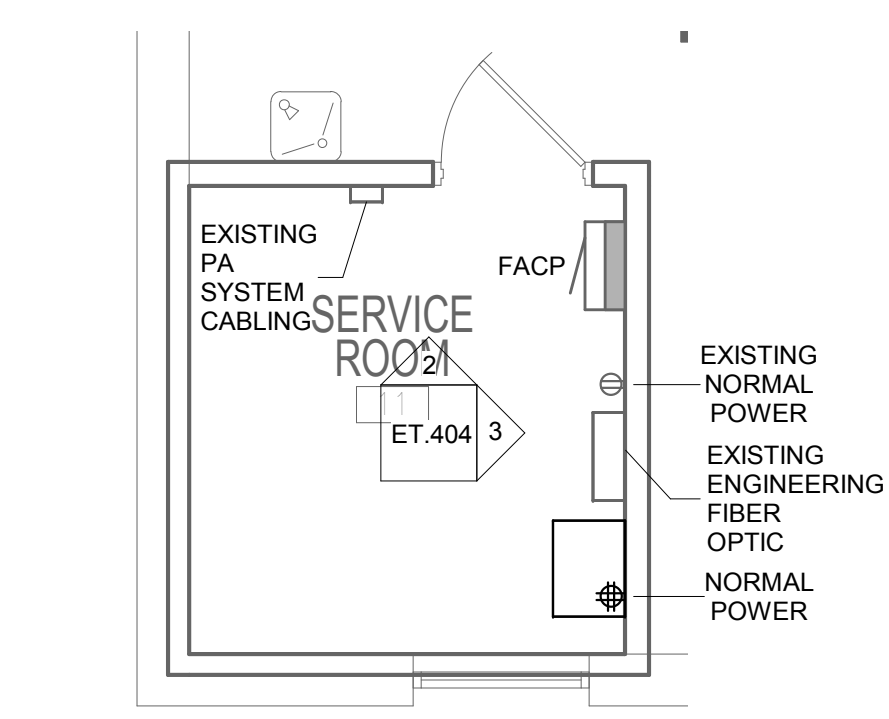
- KEY NOTES:**
- ① NOT USED.



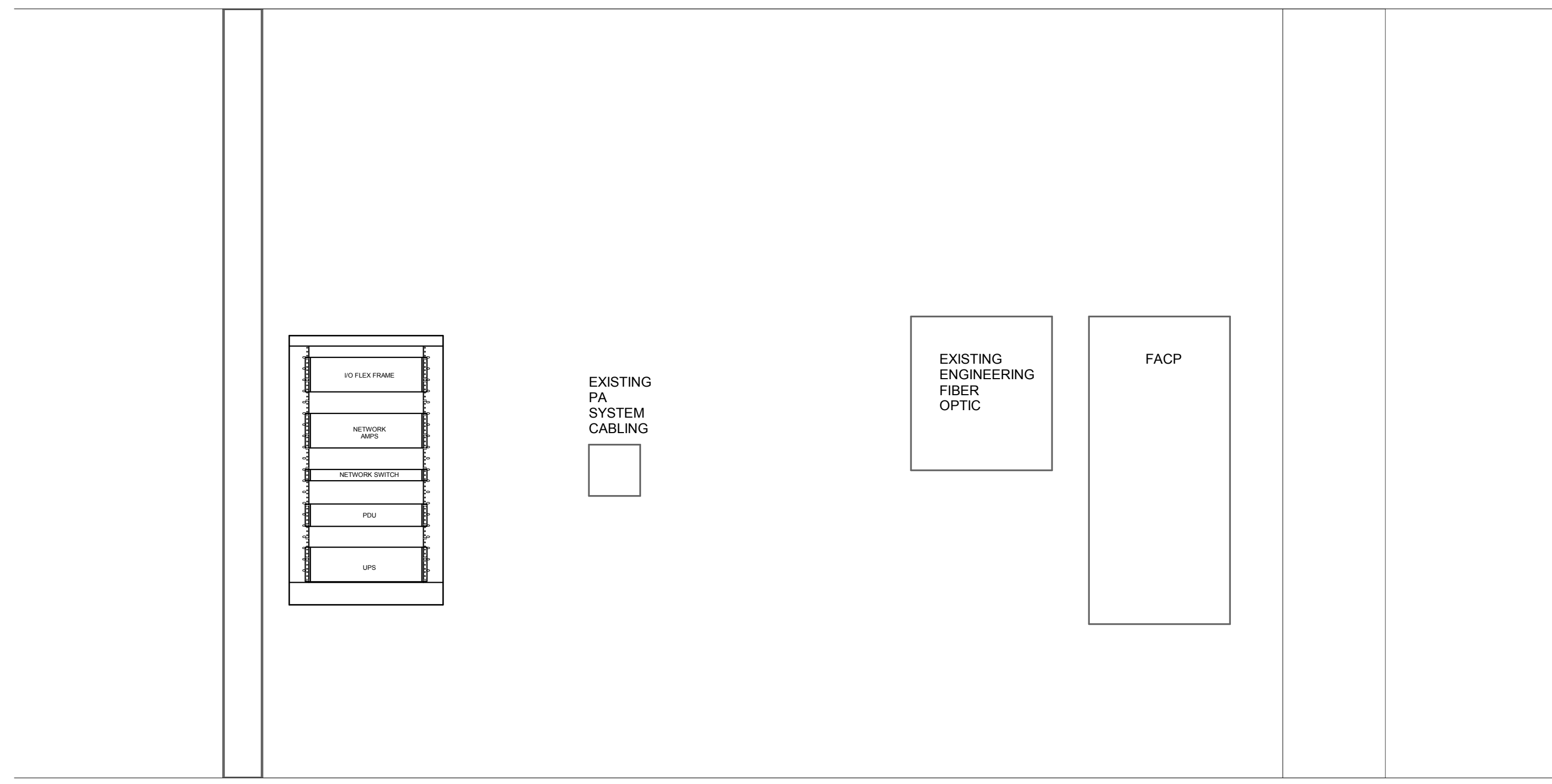
② BLDG 8 - BASEMENT - SERVICE ROOM 11 - NORTH ELEVATION
3/4" = 1'-0"



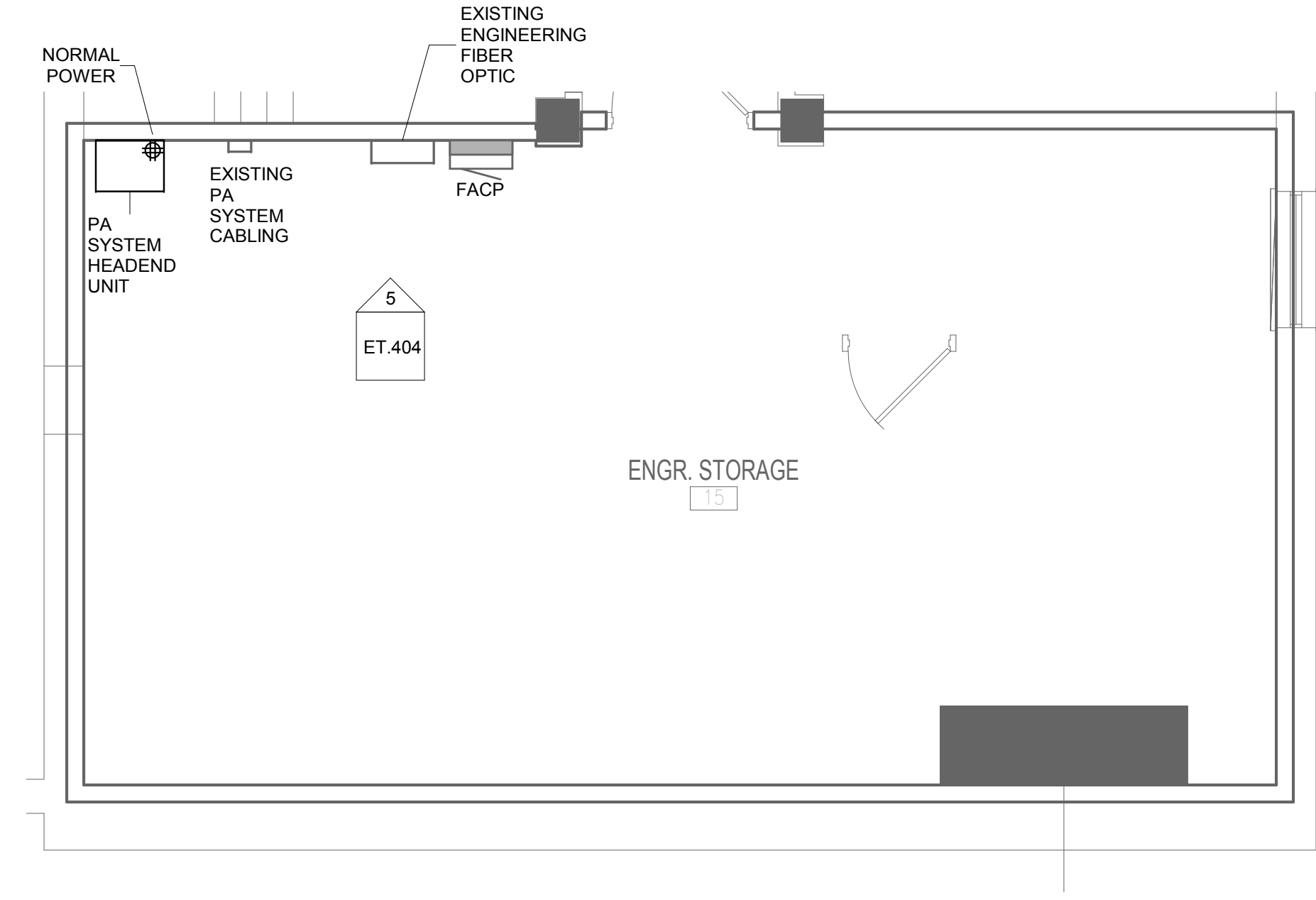
③ BLDG 8 - BASEMENT - SERVICE ROOM 11 - EAST ELEVATION
3/4" = 1'-0"



① ENLARGED ROOM - BUILDING 8 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"



⑤ BLDG 9 - BASEMENT - ROOM 15 - NORTH ELEVATION
3/4" = 1'-0"



④ ENLARGED ROOM - BUILDING 9 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

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Revisions:	Date:

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APPROVED ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED CHIEF OF STAFF
DATE:
APPROVED HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	FLUT SCALE
BUILDING No.	PROJECT NO.
CHECKED BY CP	DRAWN CG
ISSUE DATE 1/24/19	DRAWING NO. ET.404
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE

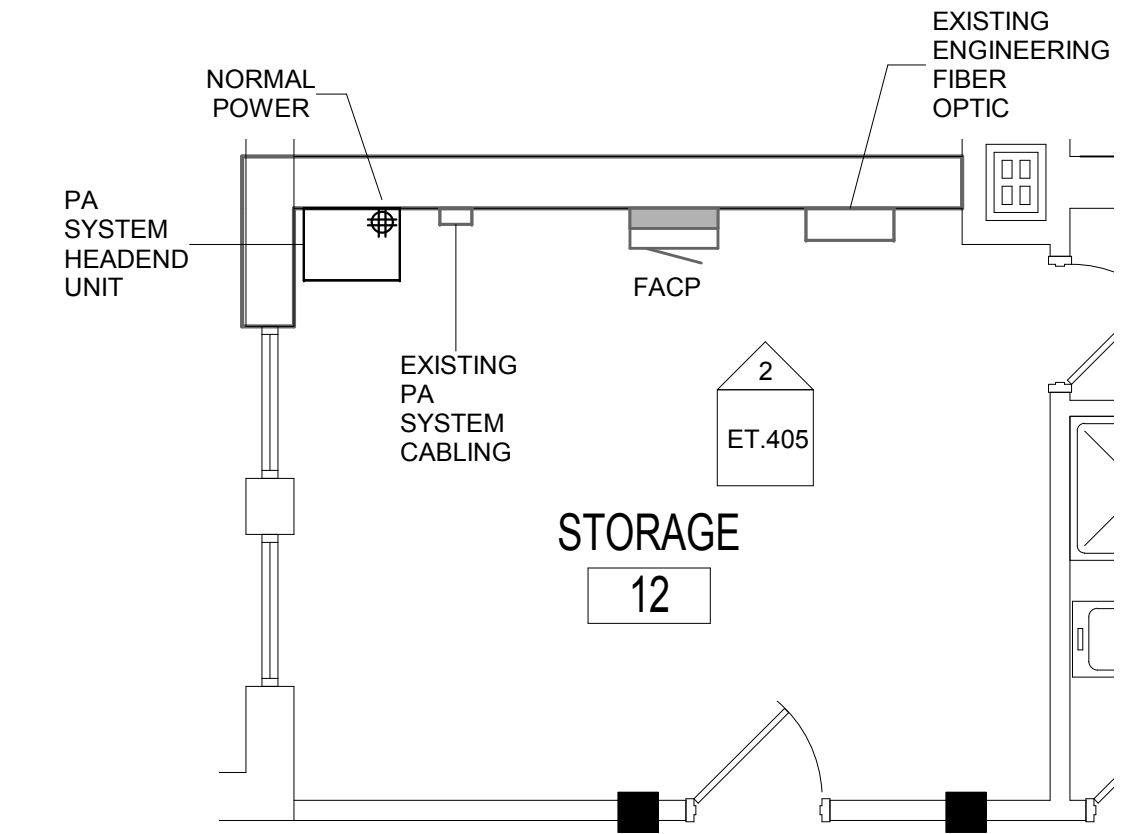
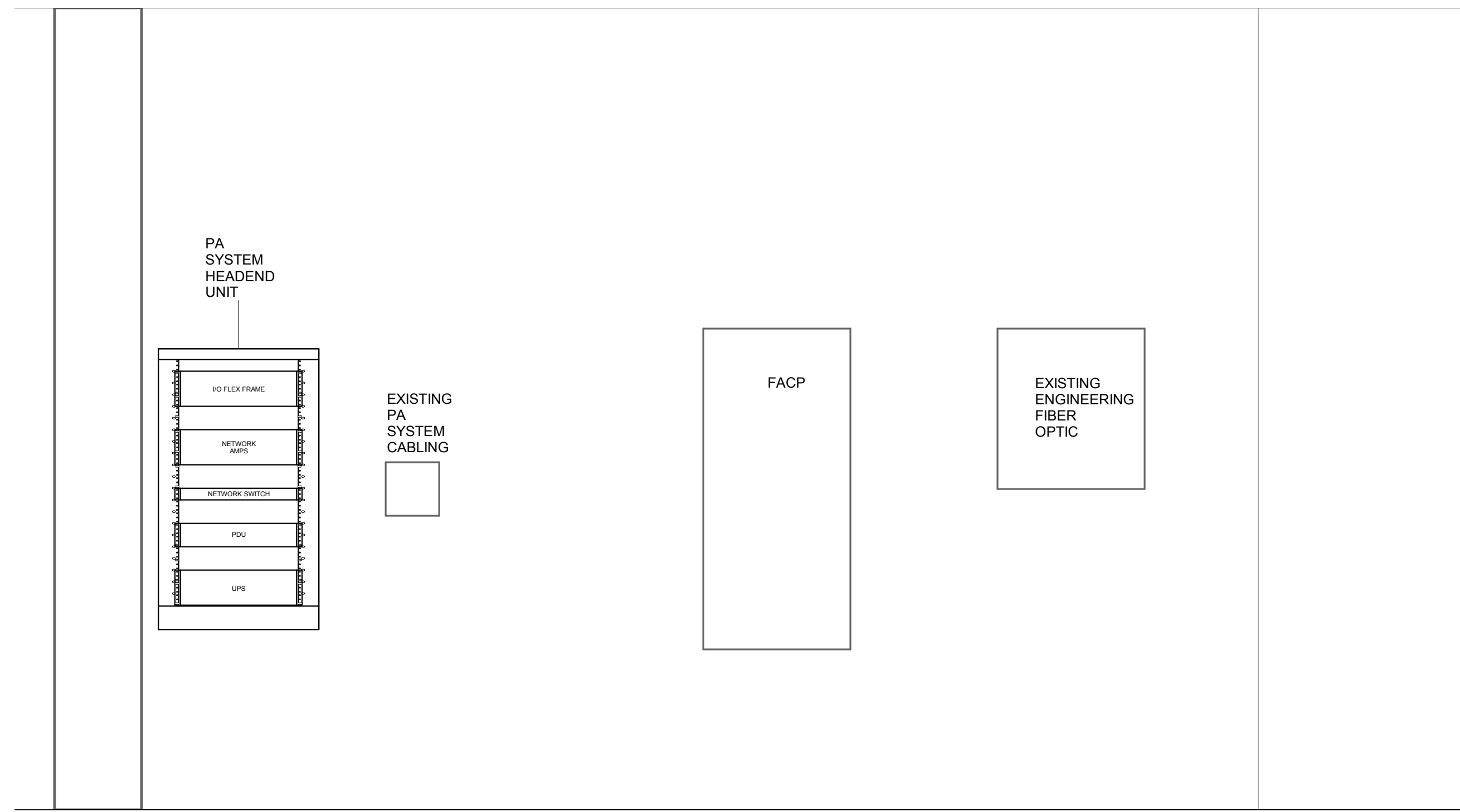
VA **U.S. Department of Veterans Affairs**
 Veterans Health Administration
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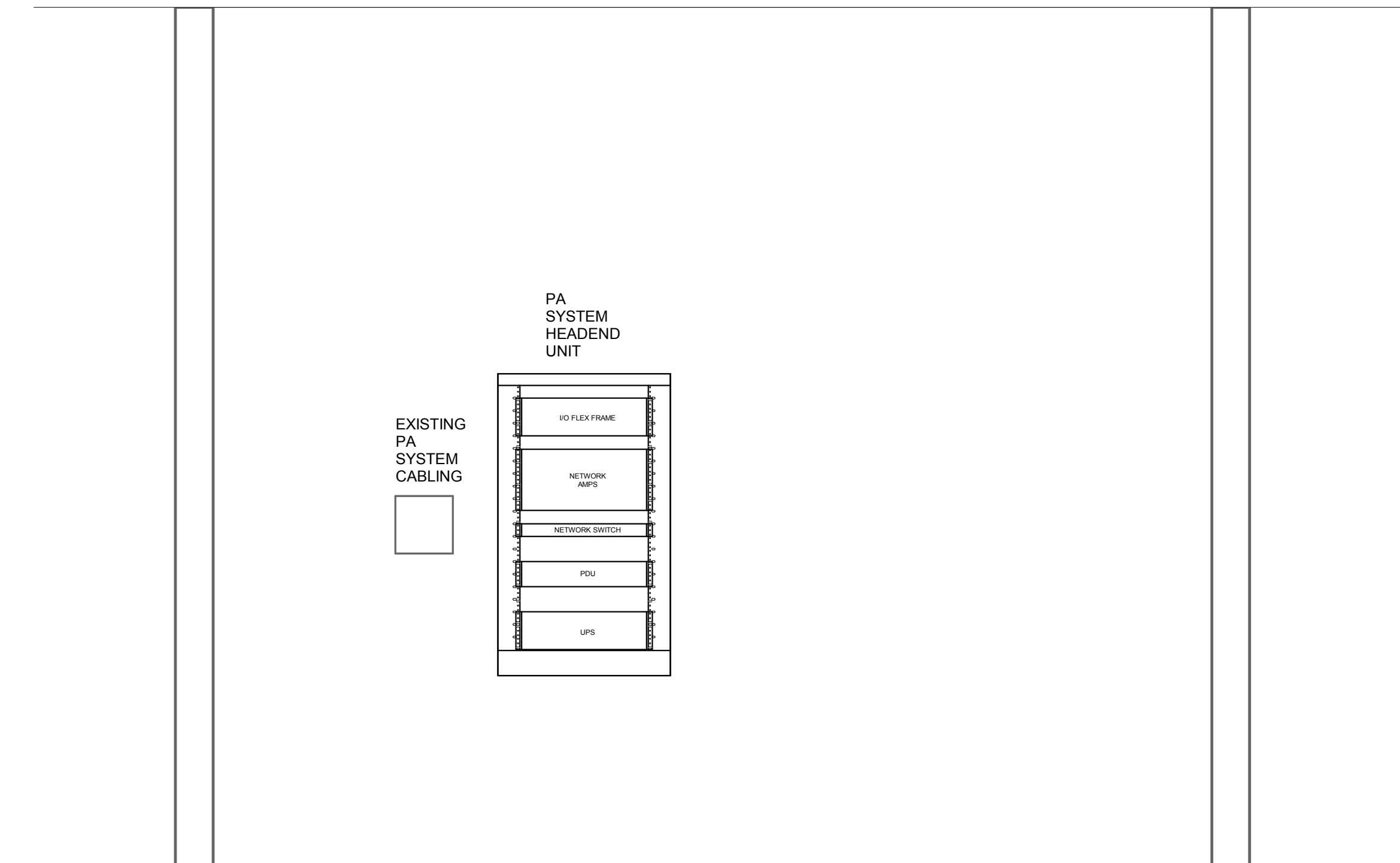
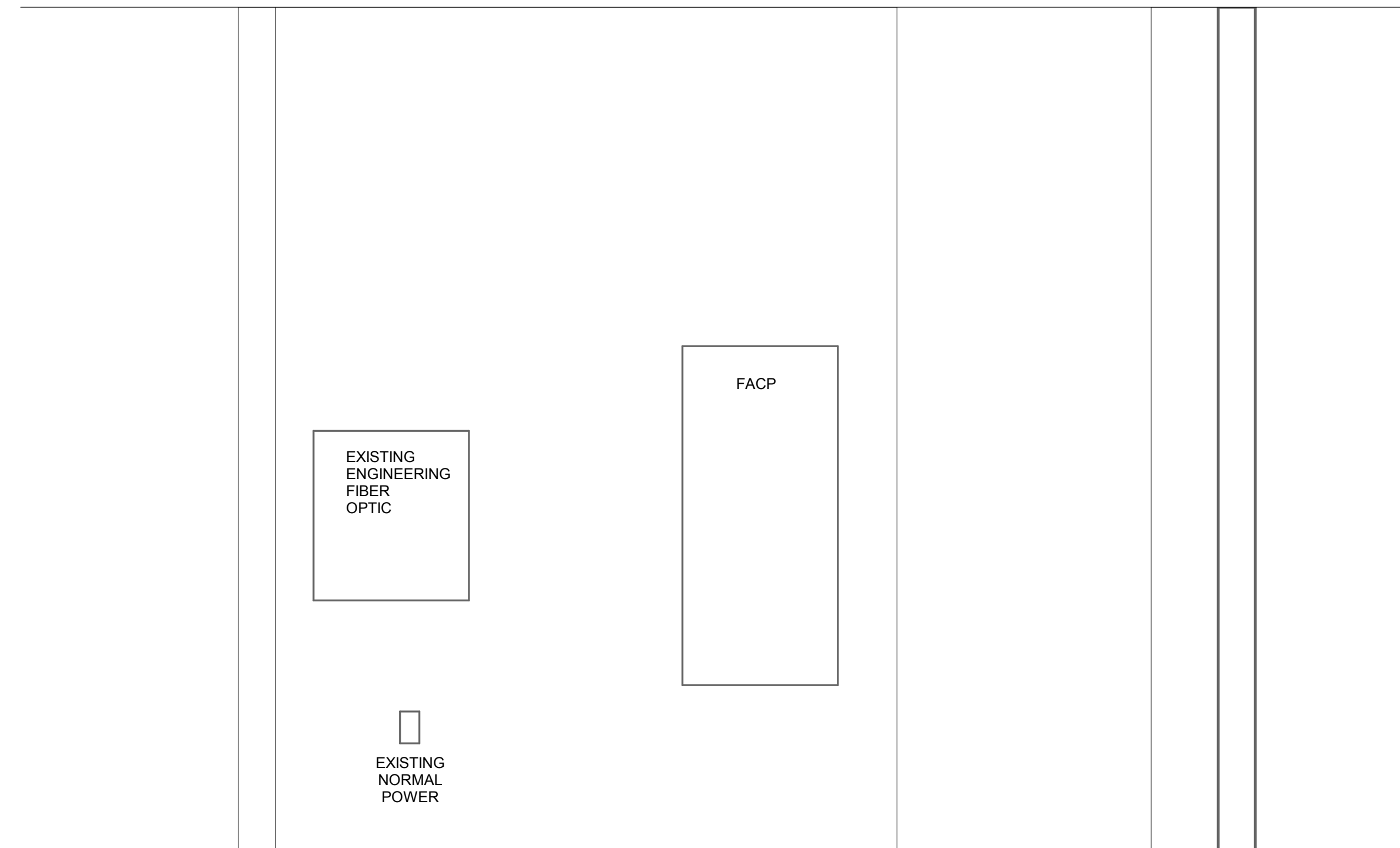
KEY NOTES:

- ① NOT USED.



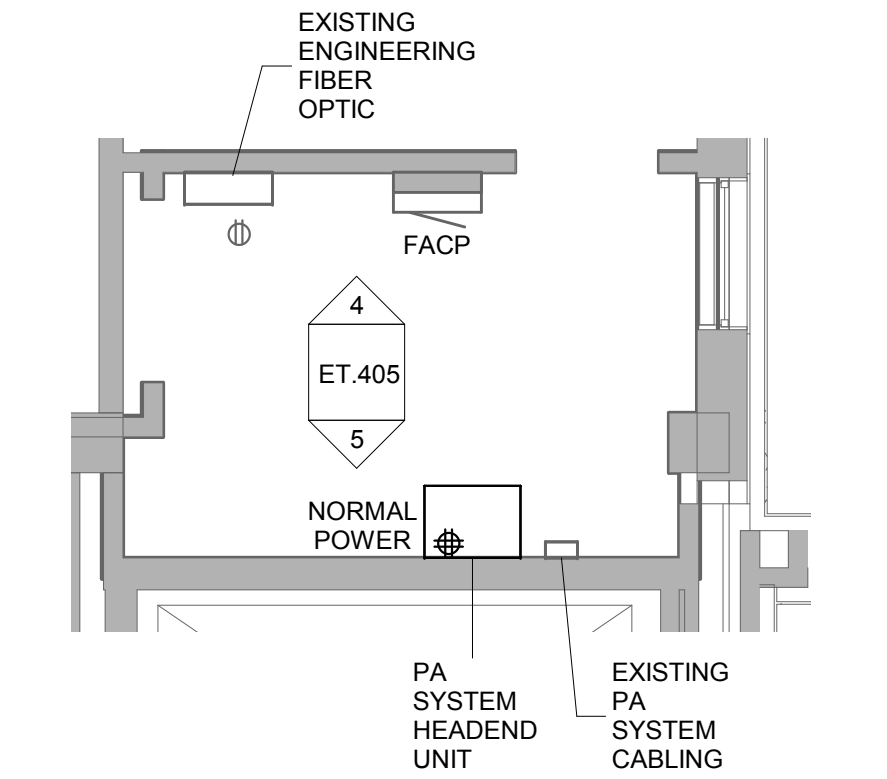
① ENLARGED ROOM - BUILDING 10 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

② BLDG 10 - BASEMENT - STORAGE 12 - NORTH ELEVATION
3/4" = 1'-0"



④ BLDG 28 - BASEMENT - ELEC 72B - NORTH ELEVATION
3/4" = 1'-0"

⑤ BLDG 28 - BASEMENT - ELEC 72B - SOUTH ELEVATION
3/4" = 1'-0"



③ ENLARGED ROOM - BUILDING 28 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

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Revisions:	Date:

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DRAWING TITLE ENLARGED COMMUNICATION ROOM PLANS
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:
APPROVED: CHIEF OF STAFF
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APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	FLUT SCALE
PROJECT NO.	
BUILDING No.	CHECKED BY CP
	DRAWN CG
	ISSUE DATE 1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO. ET.405

VA U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

A

B

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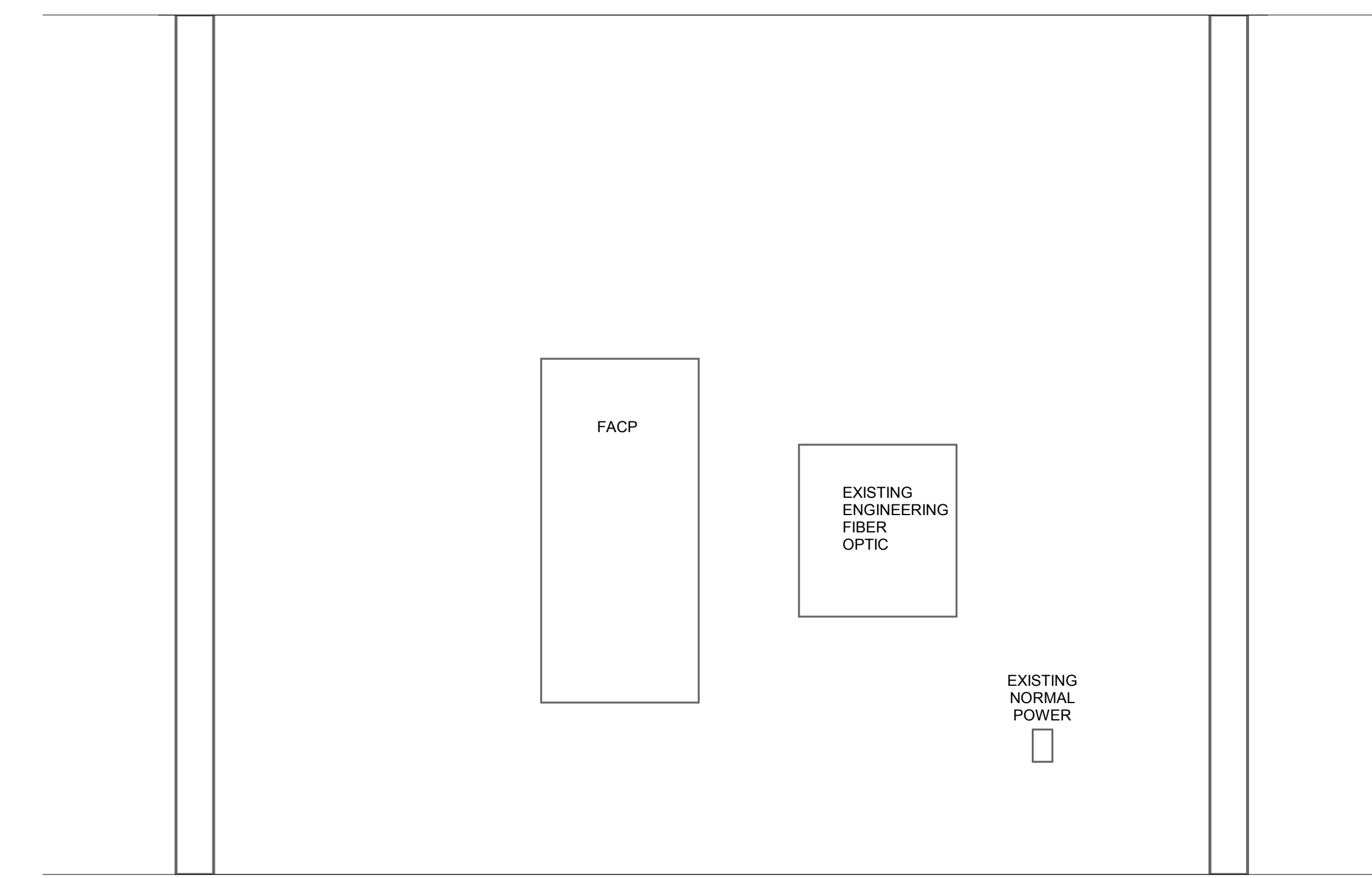
D

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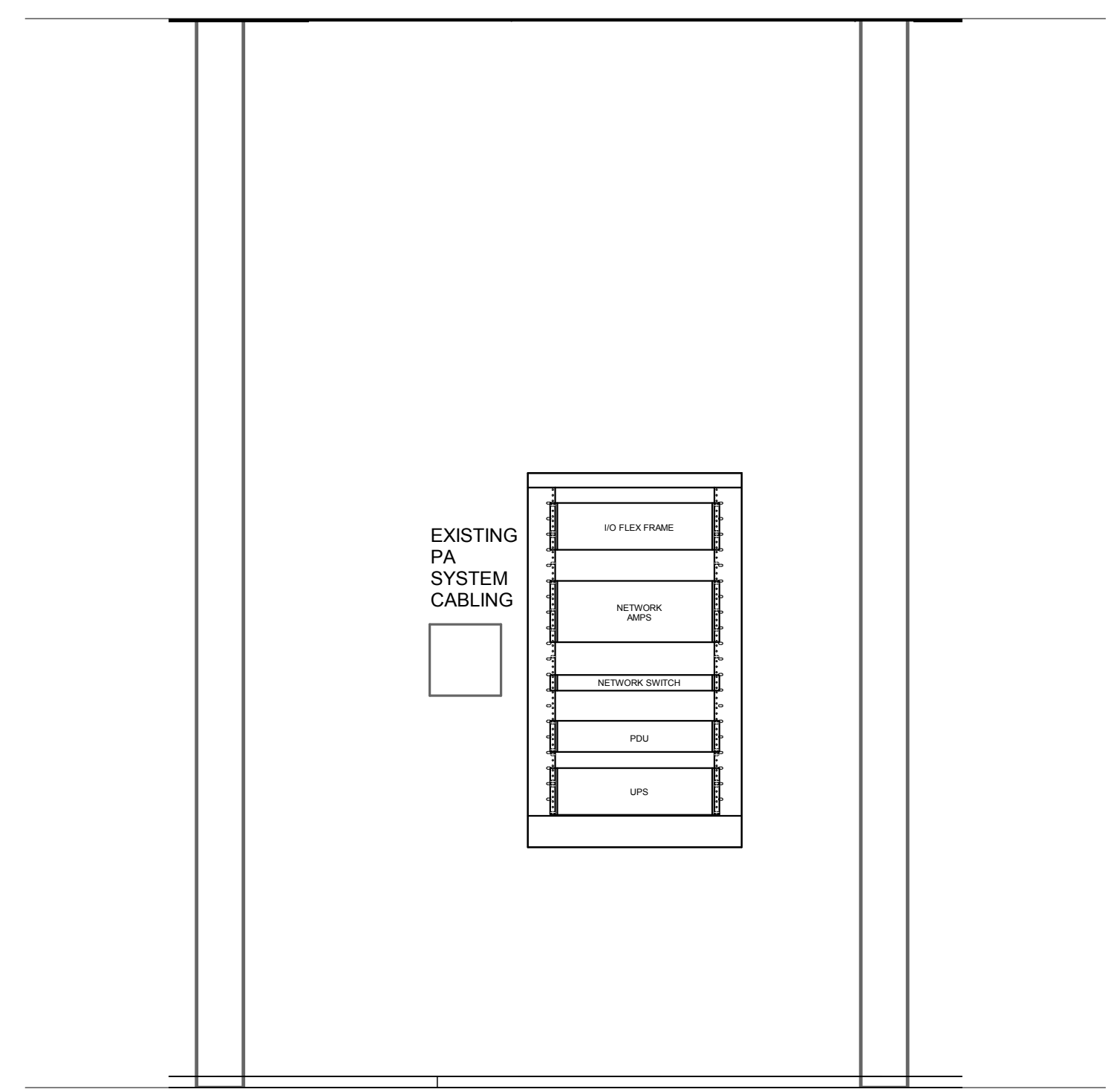
F

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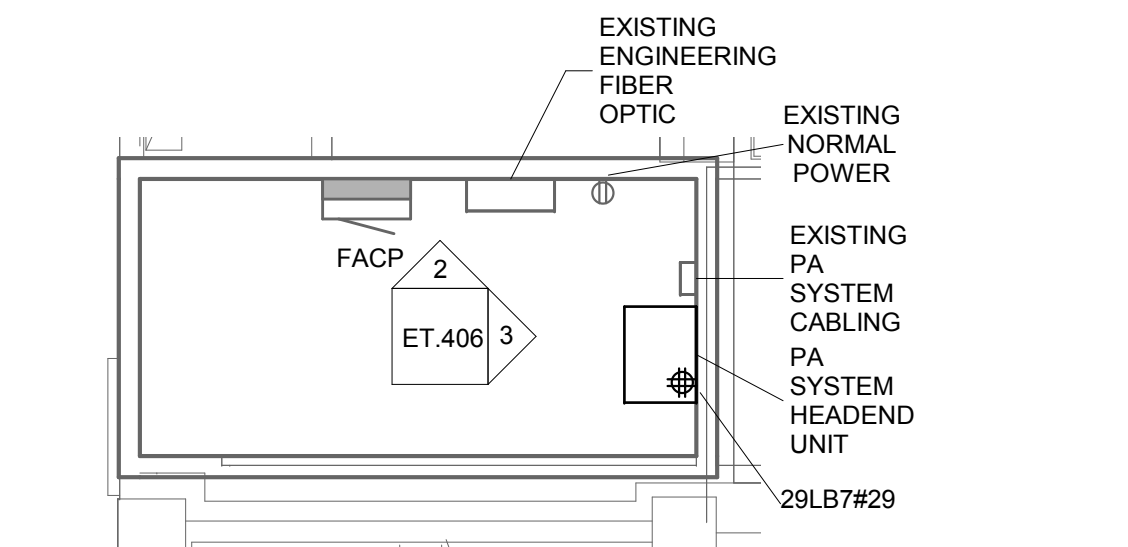
- KEY NOTES:**
- ◇ NOT USED.



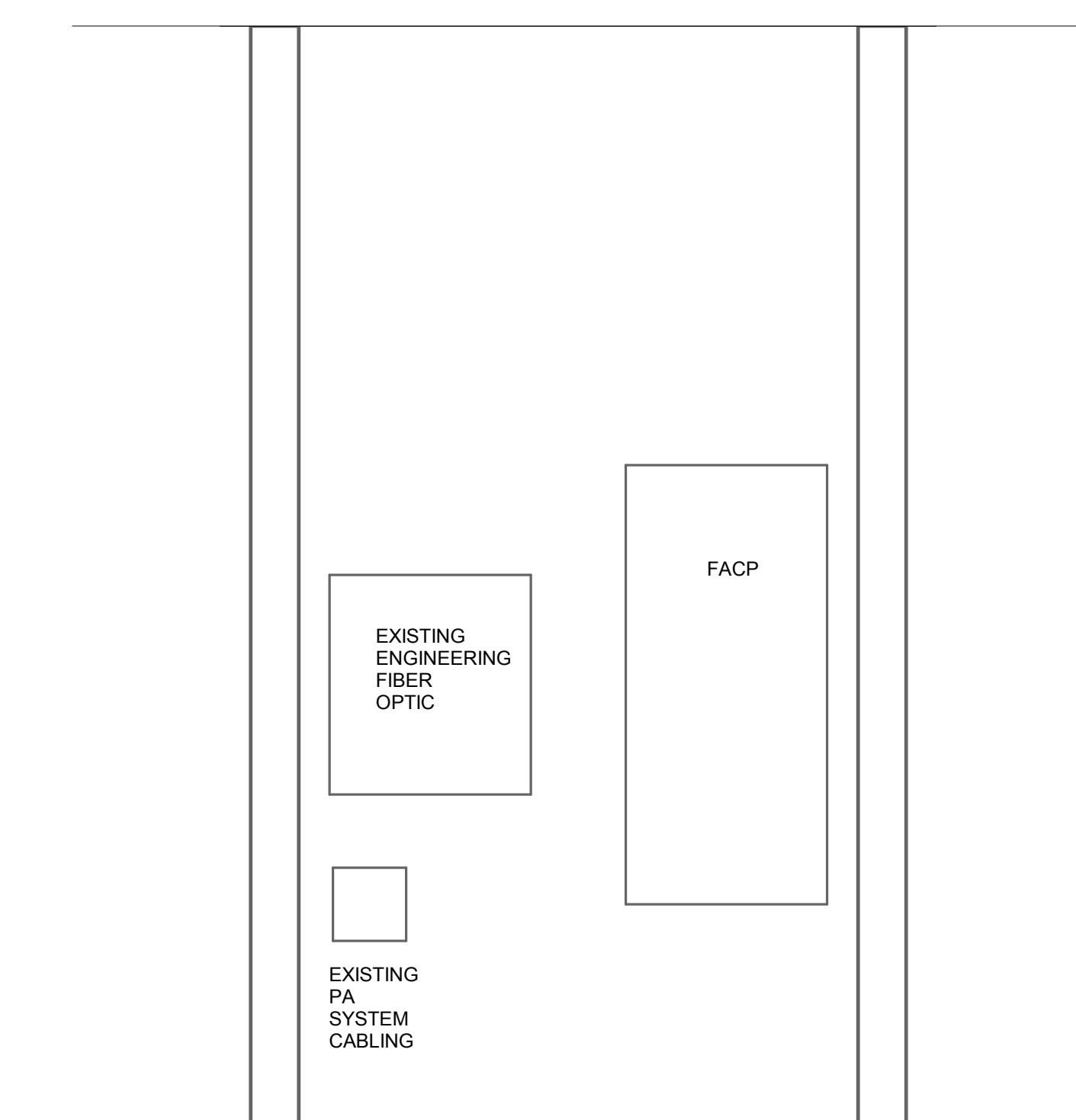
2 BLDG 29 - FIRST FLOOR - STORAGE C02A - NORTH ELEVATION
3/4" = 1'-0"



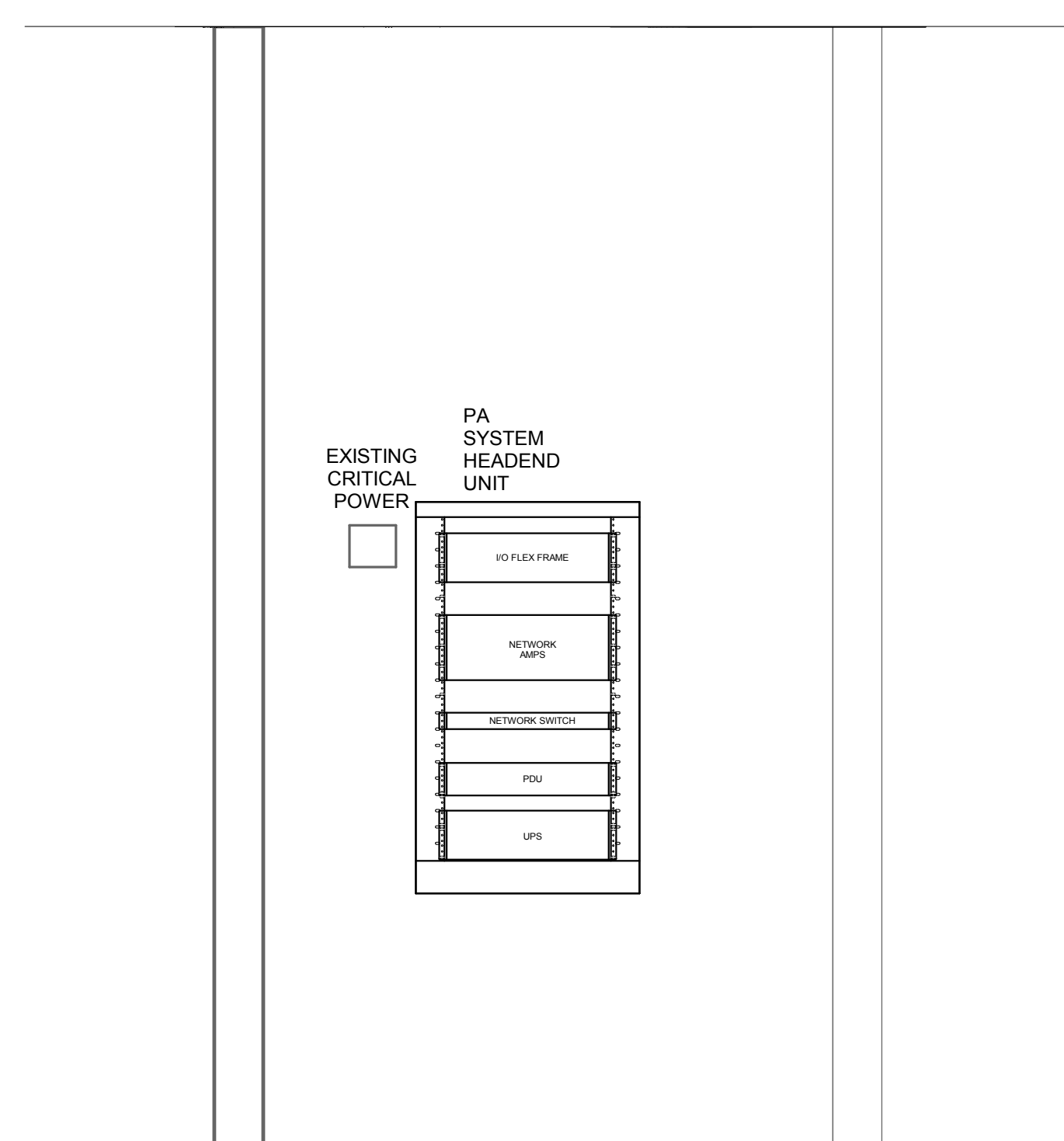
3 BLDG 29 - FIRST FLOOR - STORAGE C02A - EAST ELEVATION
3/4" = 1'-0"



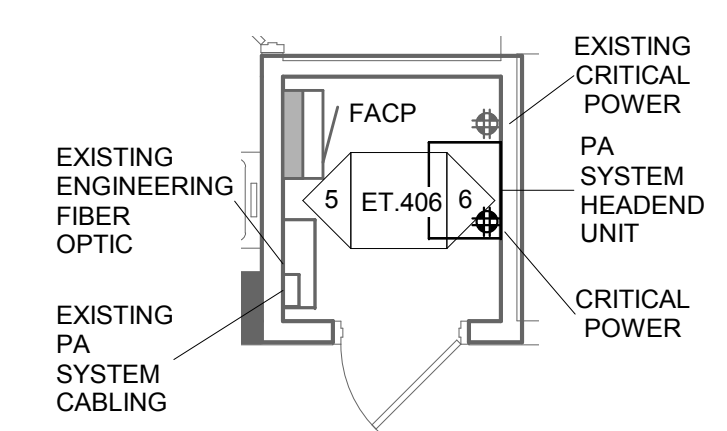
1 ENLARGED ROOM - BUILDING 29 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"



5 BLDG 48 - BASEMENT - FA 10 - WEST ELEVATION
3/4" = 1'-0"



6 BLDG 48 - BASEMENT - FA 10 - EAST ELEVATION
3/4" = 1'-0"



4 ENLARGED ROOM - BUILDING 48 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

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Revisions:	Date:

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DATE:
APPROVED: CHIEF OF STAFF
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APPROVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	FLUT SCALE		
PROJECT NO.	PROJECT NO.		
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE	DRAWING NO.	ET.406

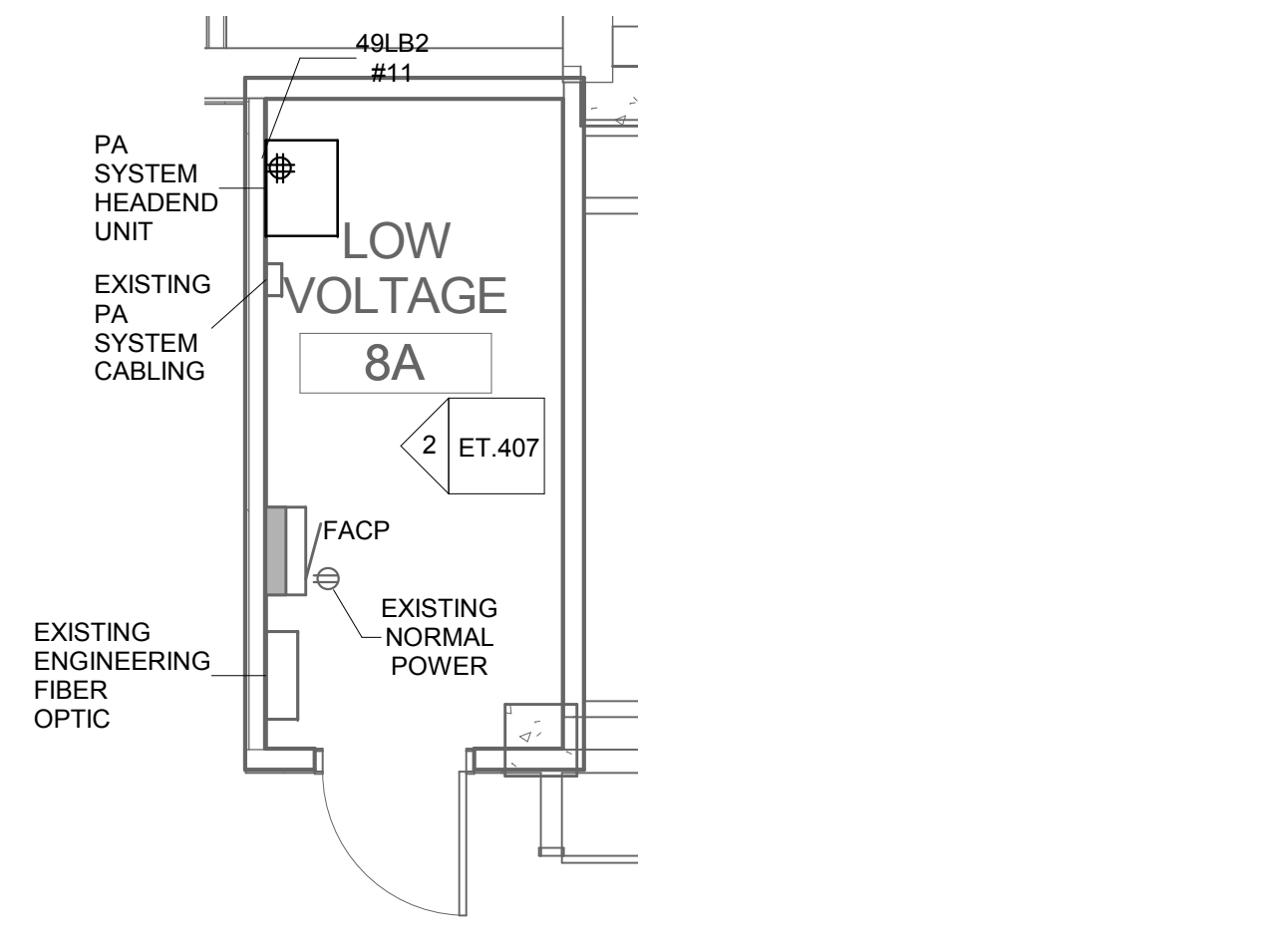
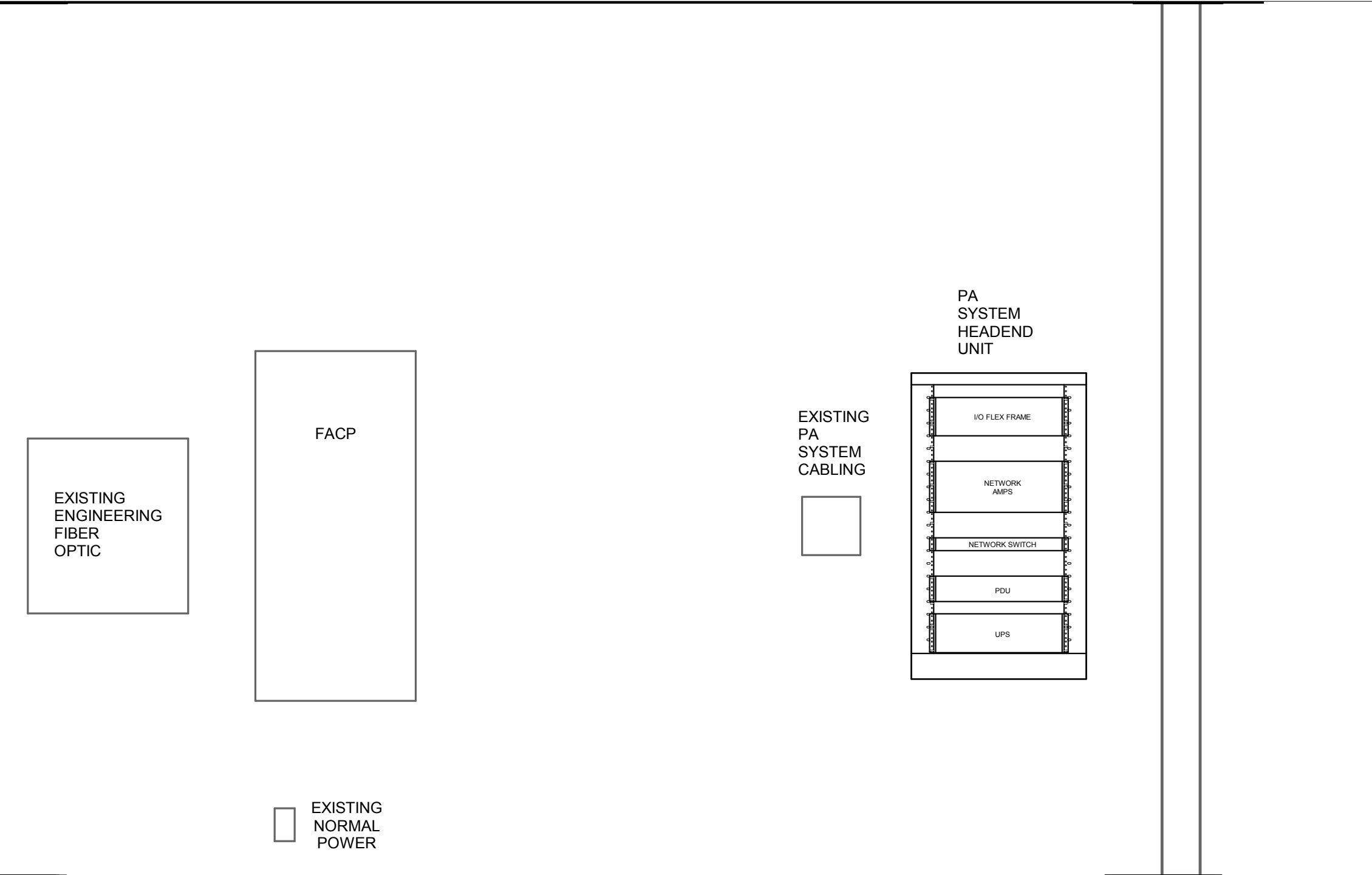
VA **U.S. Department of Veterans Affairs**
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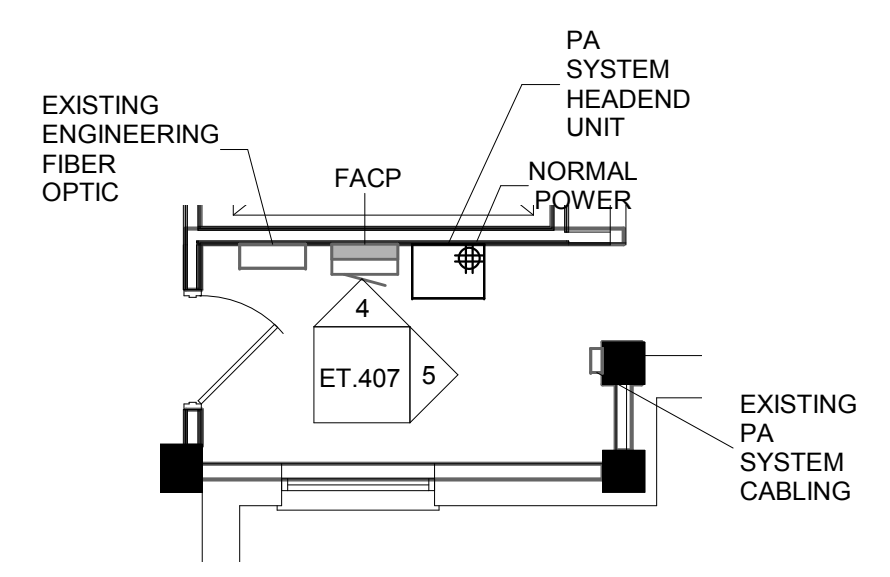
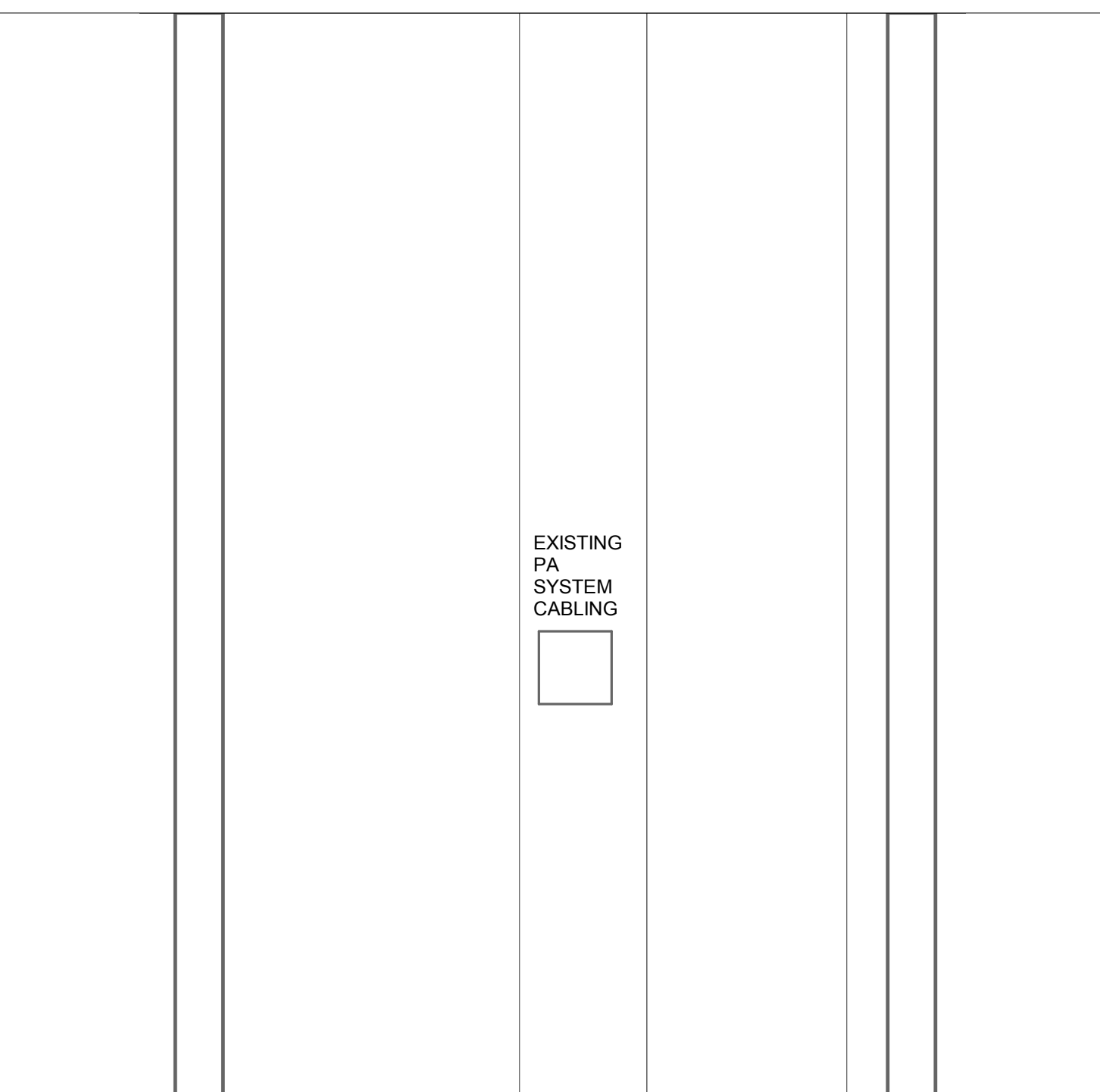
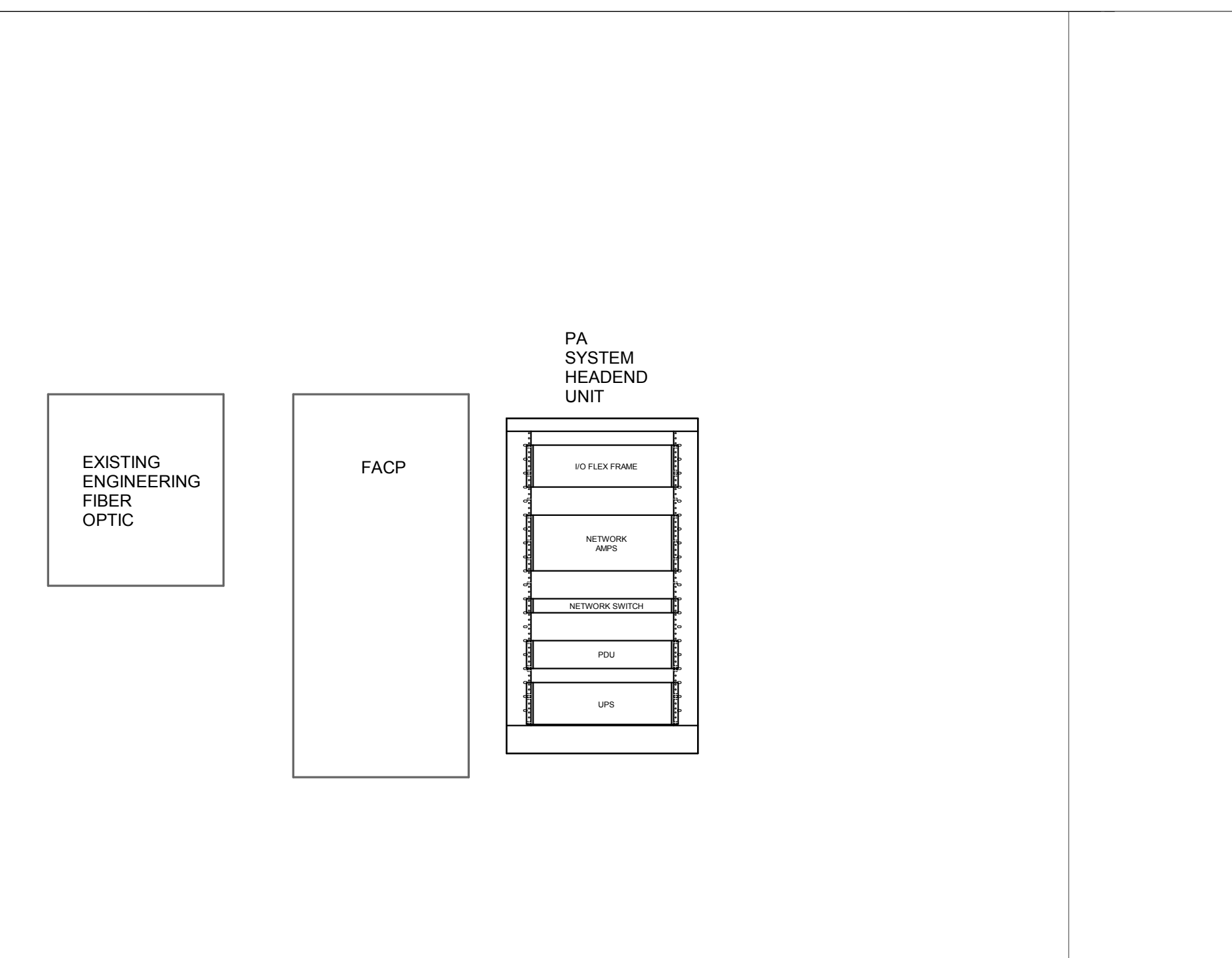
KEY NOTES:

1 NOT USED.



1 ENLARGED ROOM - BUILDING 49 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

2 BLDG 49 - BASEMENT - LOW VOLTAGE 8A - WEST ELEVATION
3/4" = 1'-0"



3 ENLARGED ROOM - BUILDING 50 - PA SYSTEM HEADEND UNIT
3/16" = 1'-0"

4 BLDG 50 - BASEMENT - ELEC RM 23A - WEST ELEVATION
3/4" = 1'-0"

5 BLDG 50 - BASEMENT - ELEC RM 23A - NORTH ELEVATION
3/4" = 1'-0"

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BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION	DATE	DRAWING NO.	
VA MEDICAL CENTER ST. CLOUD, MN 56303		ET.407	

VA U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

A

B

C

D

E

F

A

B

C

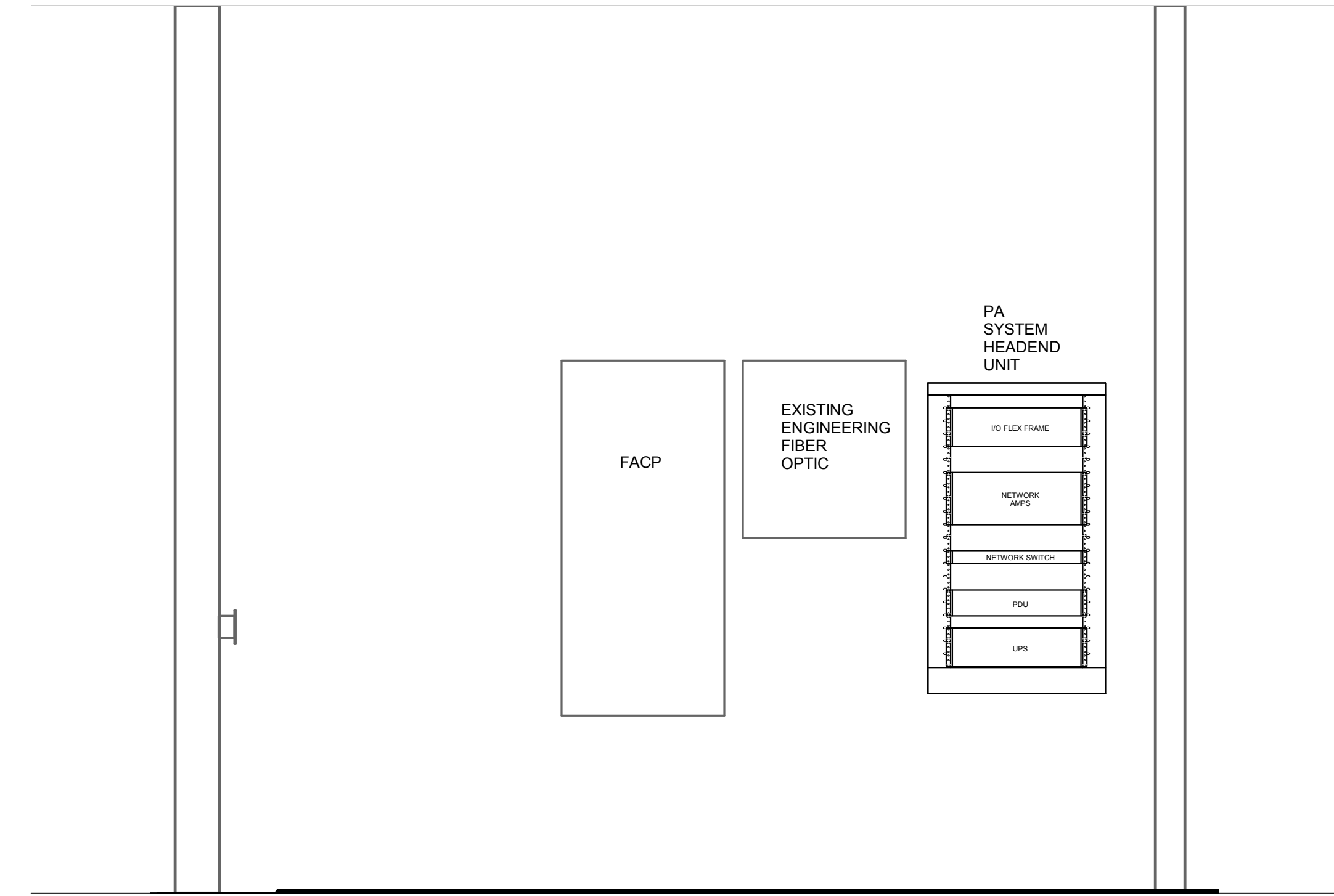
D

E

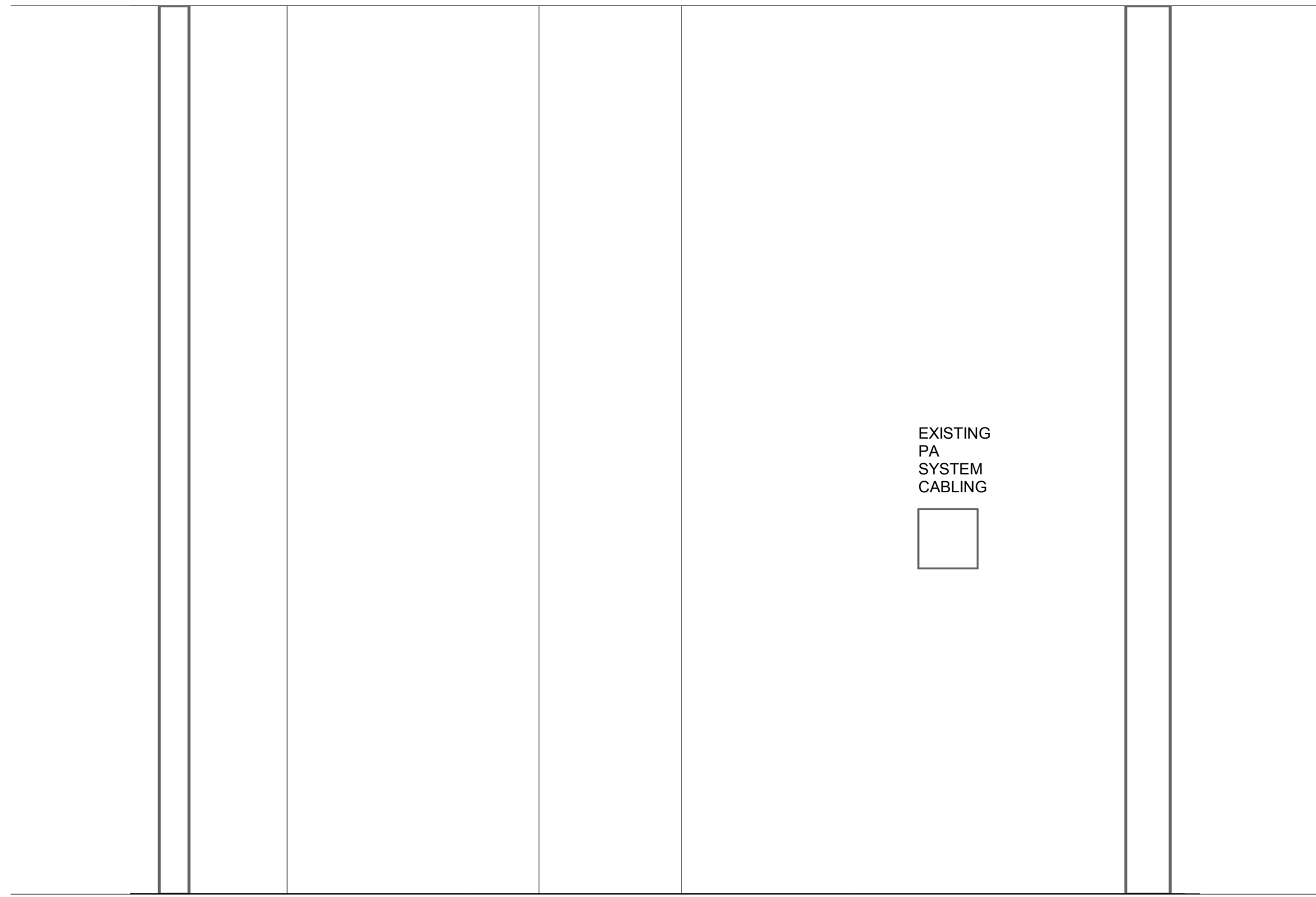
F

- GENERAL NOTES:**
- A. PROVIDE CONNECTION TO CRITICAL POWER WITHIN ROOM, IF AVAILABLE.
 - B. PROVIDE QUAD RECEPTACLE WITHIN EACH EQUIPMENT CABINET (ENCLOSURE). SEE 27 11 00 FOR REQUIREMENTS.
 - C. PROVIDE FIBER OPTIC CONNECTORS (ST/LO) REQUIRED BETWEEN EXISTING FIBER PATCH BOX AND PUBLIC ADDRESS SYSTEM HEADEND EQUIPMENT.
 - D. PROVIDE MINIMUM 3/4" ORANGE EMT BETWEEN EXISTING FIBER BOX AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
 - E. PROVIDE BLUE EMT BETWEEN PRE-WIRED (AND WIRED) PA CIRCUITS AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
 - F. FIELD VERIFY FINAL LOCATION OF PA SYSTEM HEADEND WITHIN ROOM PRIOR TO INSTALL.

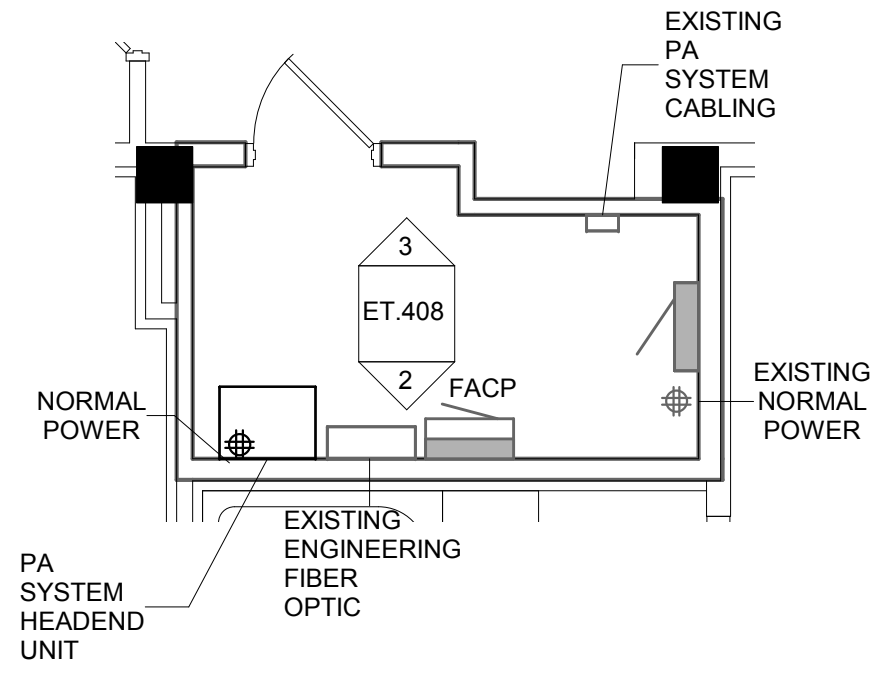
- KEY NOTES:**
- 1 NOT USED.



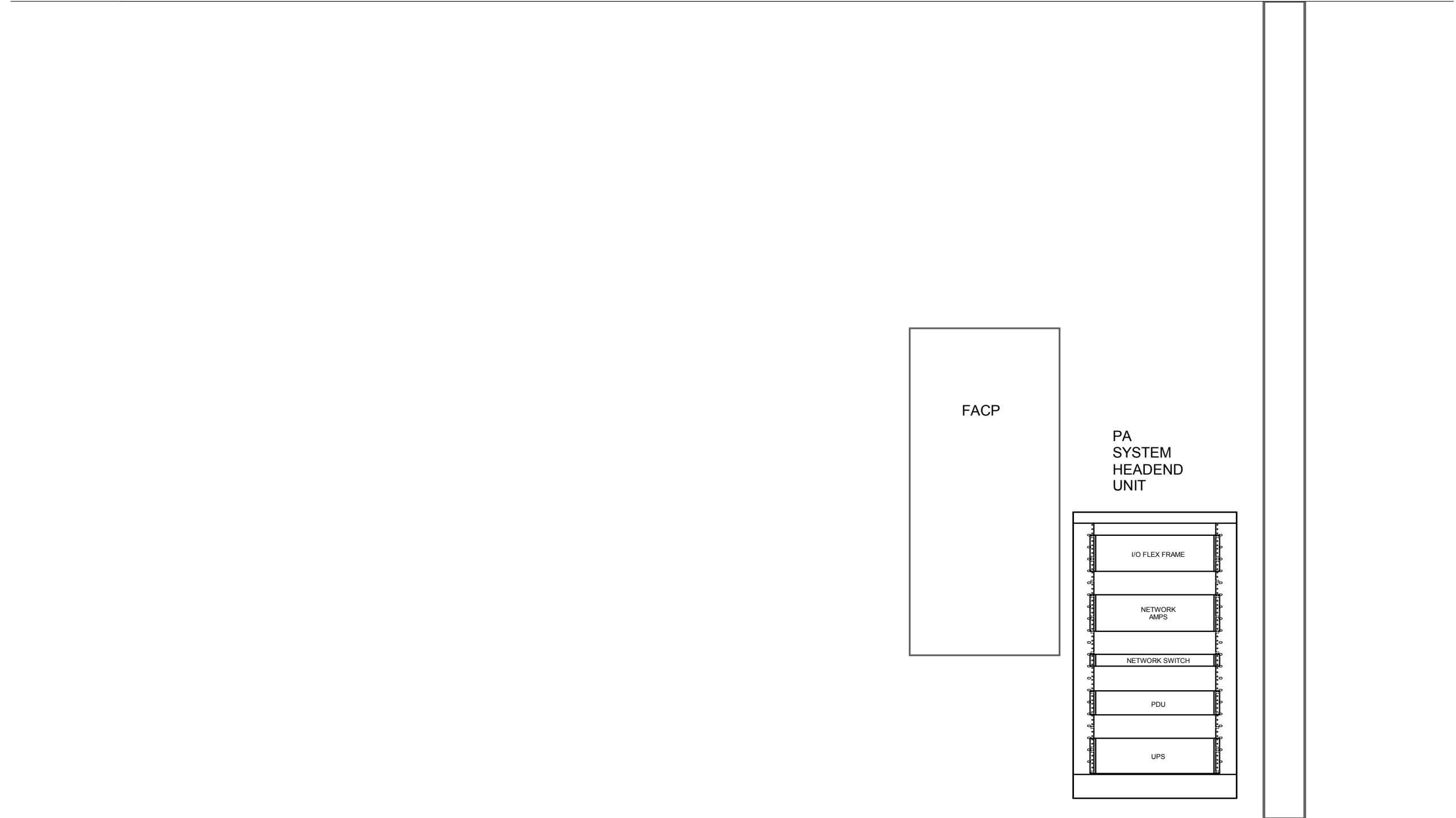
2 BLDG 51 - BASEMENT - STORAGE 22 - NORTH ELEVATION
3/4" = 1'-0"



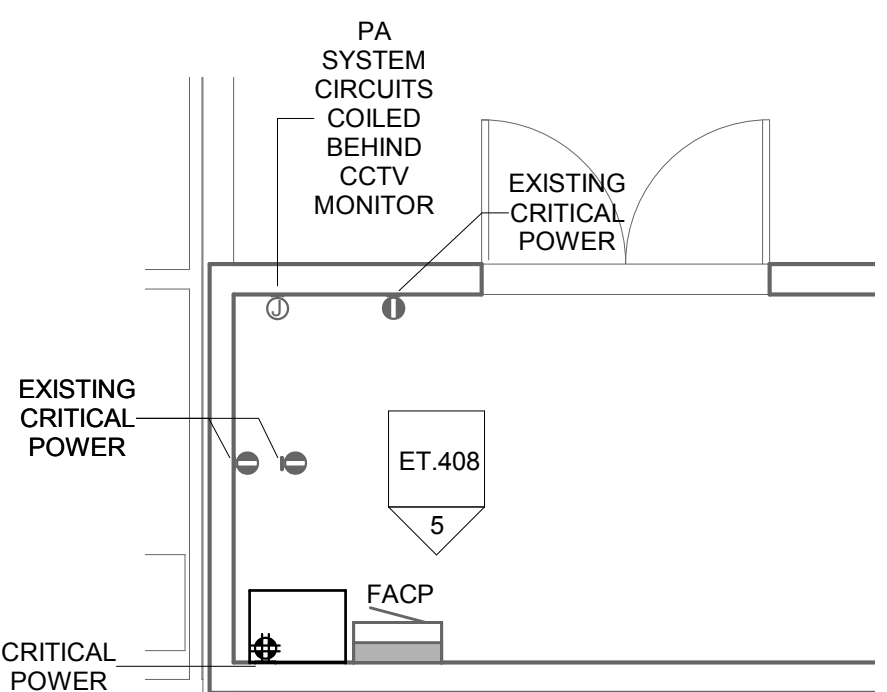
3 BLDG 51 - BASEMENT - STORAGE 22 - SOUTH ELEVATION
3/4" = 1'-0"



1 ENLARGED ROOM - BUILDING 51 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"



5 BLDG 115 - FIRST FLOOR - ELEC RM 160 - SOUTH ELEVATION
3/4" = 1'-0"



4 ENLARGED ROOM - BUILDING 115 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

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Revisions:	Date:

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STAMP
 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 Minnesota.
 Signature: *Chris M. Pilliod*
 Name: Chris M. Pilliod, P.E.
 Date: 1/24/19
 Registration Number: 50826

APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE ENLARGED COMMUNICATION ROOM PLANS	PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

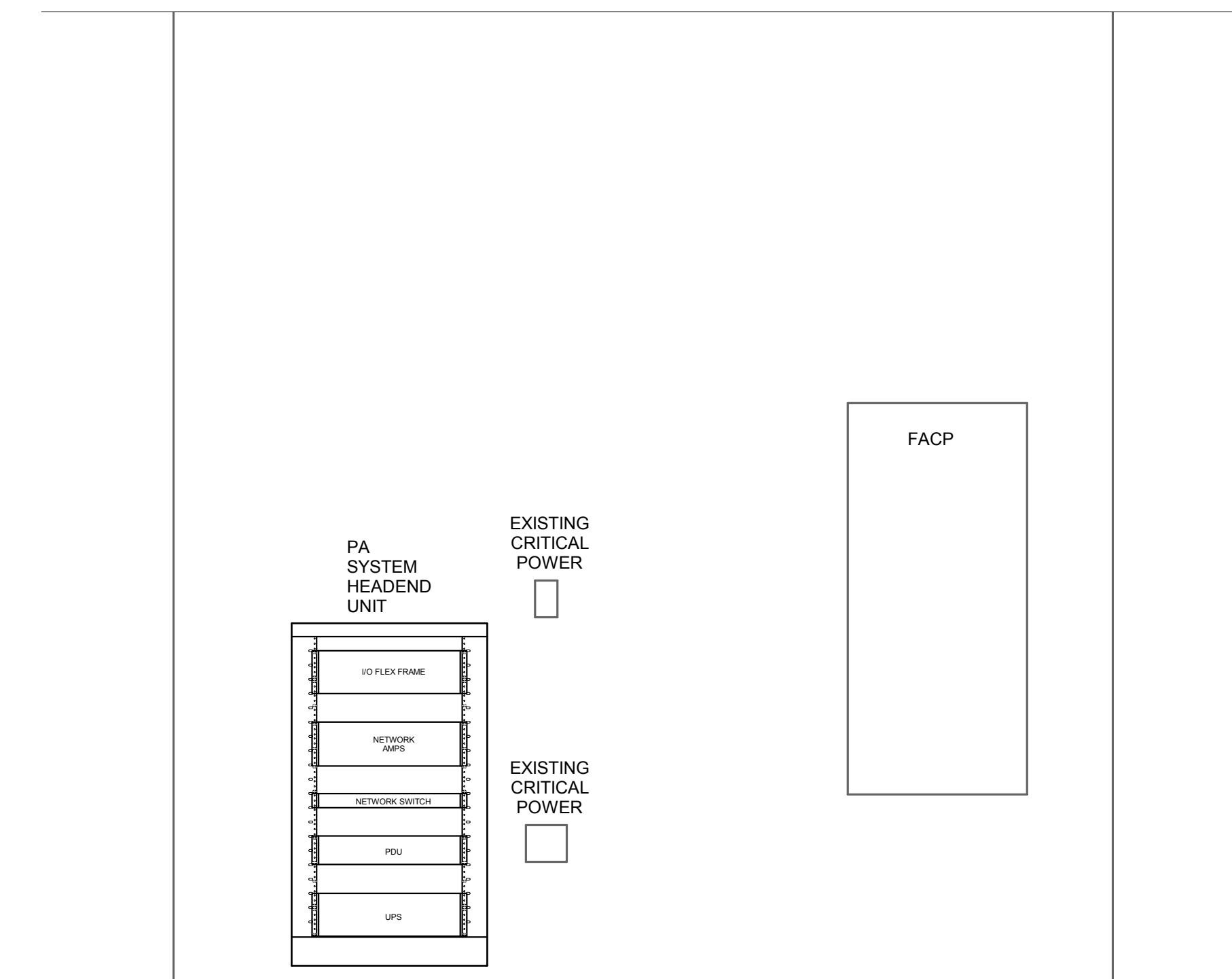
BUILDING No.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE	DRAWING NO.	ET.408

VA U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

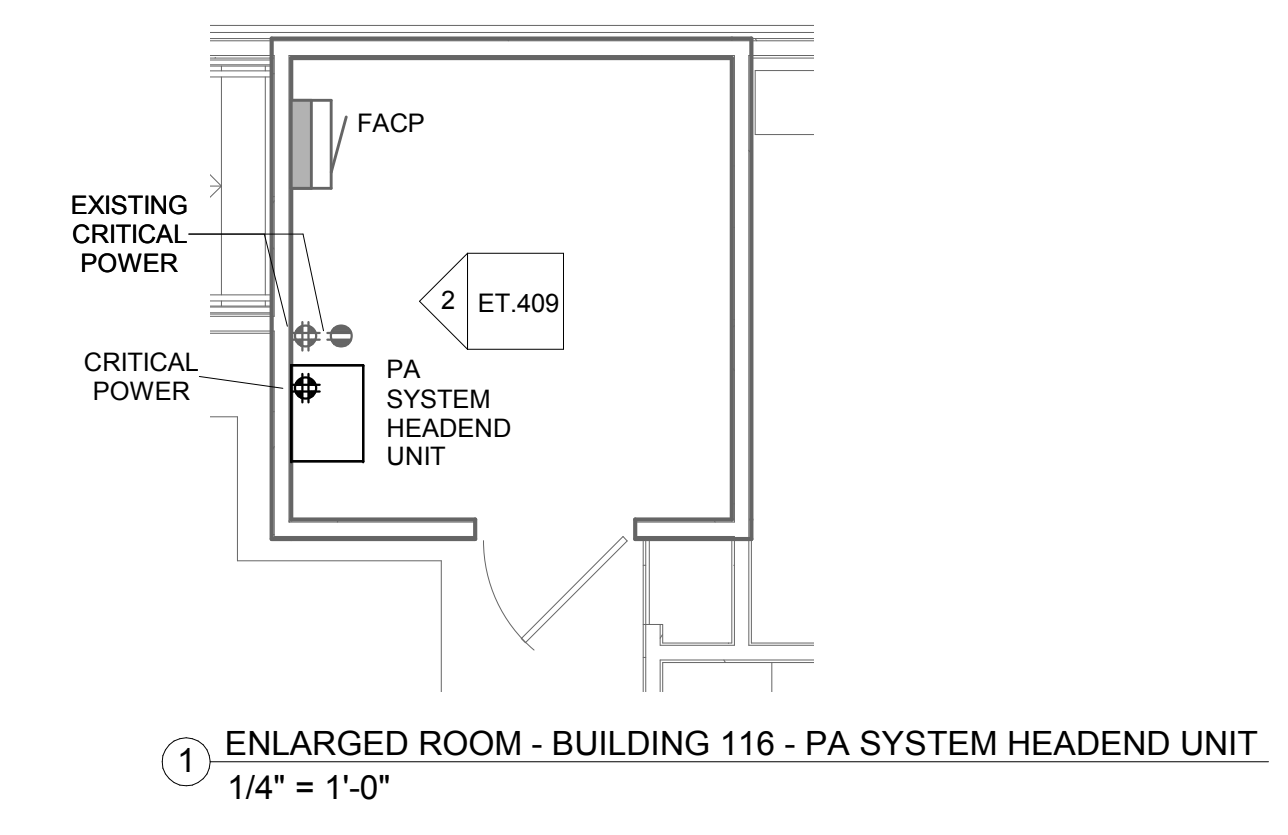
- GENERAL NOTES:**
- PROVIDE CONNECTION TO CRITICAL POWER WITHIN ROOM.
 - PROVIDE QUAD RECEPTACLE WITHIN EACH EQUIPMENT CABINET (ENCLOSURE). SEE 27 11 00 FOR REQUIREMENTS.
 - PROVIDE FIBER OPTIC CONNECTORS (ST/LC) REQUIRED BETWEEN EXISTING FIBER PATCH BOX AND PUBLIC ADDRESS SYSTEM HEADEND EQUIPMENT.
 - PROVIDE MINIMUM 3/4" ORANGE EMT BETWEEN EXISTING FIBER BOX AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
 - PROVIDE BLUE EMT BETWEEN PRE-WIRED (AND WIRED) PA CIRCUITS AND PUBLIC ADDRESS SYSTEM EQUIPMENT.
 - FIELD VERIFY FINAL LOCATION OF PA SYSTEM HEADEND WITHIN ROOM PRIOR TO INSTALL.

KEY NOTES:

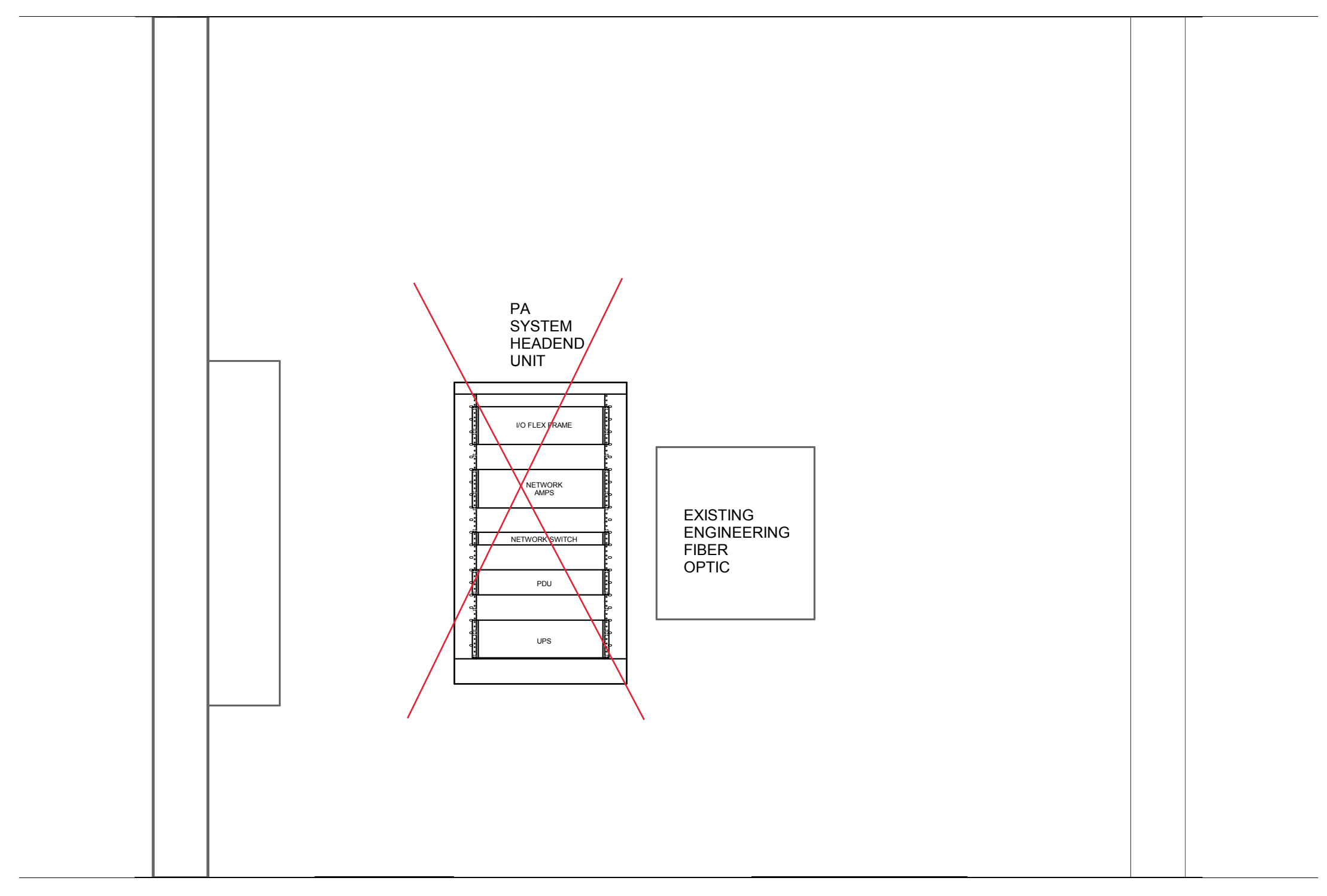
① NOT USED.



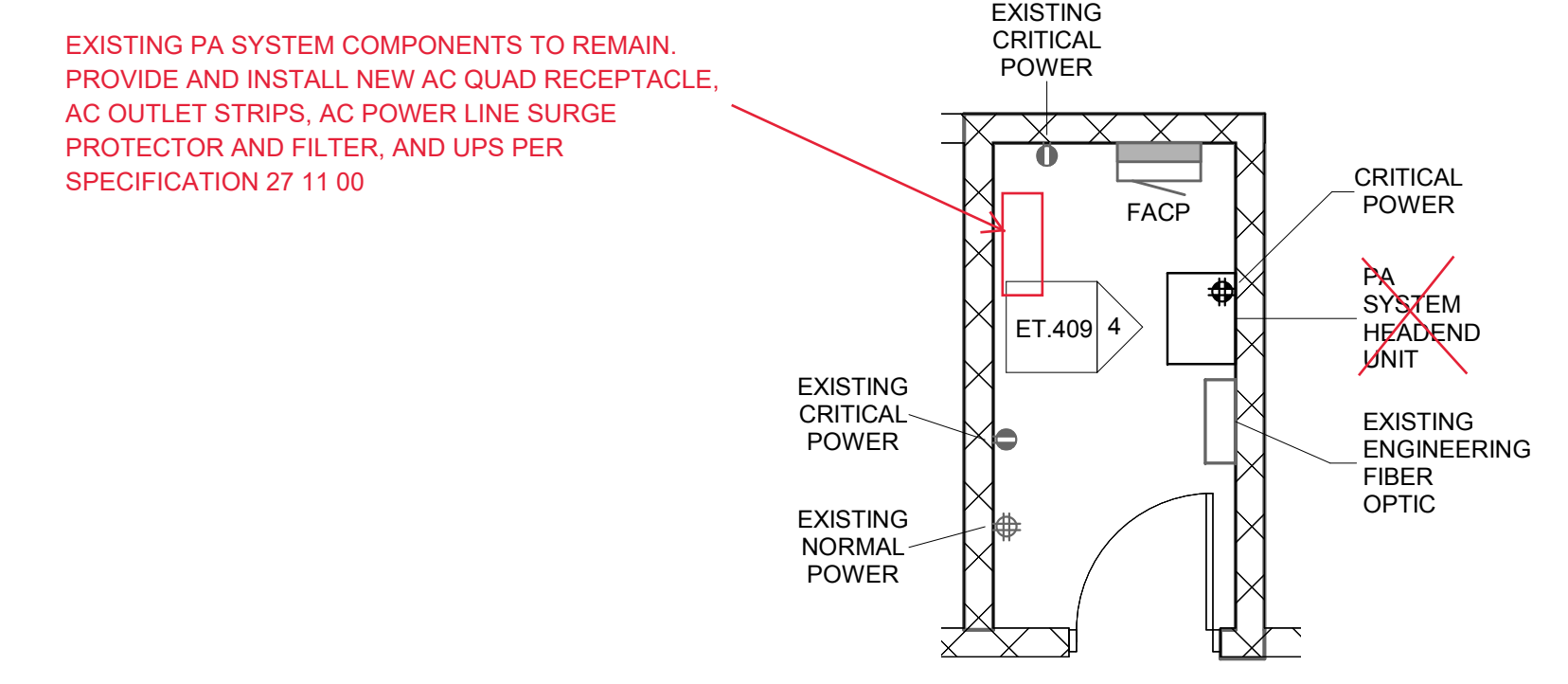
② BLDG 116 - FIRST FLOOR - WEST ELEVATION
3/4" = 1'-0"



① ENLARGED ROOM - BUILDING 116 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"



④ BLDG 118 - BASEMENT - EAST ELEVATION
3/4" = 1'-0"



③ ENLARGED ROOM - BUILDING 118 - PA SYSTEM HEADEND UNIT
1/4" = 1'-0"

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Revisions:	Date:

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 Registration Number: 50826

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APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE ENLARGED COMMUNICATION ROOM PLANS	PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

BUILDING NO.	CHECKED BY	DRAWN	ISSUE DATE
	CP	CG	1/24/19
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DATE	DRAWING NO.	ET.409

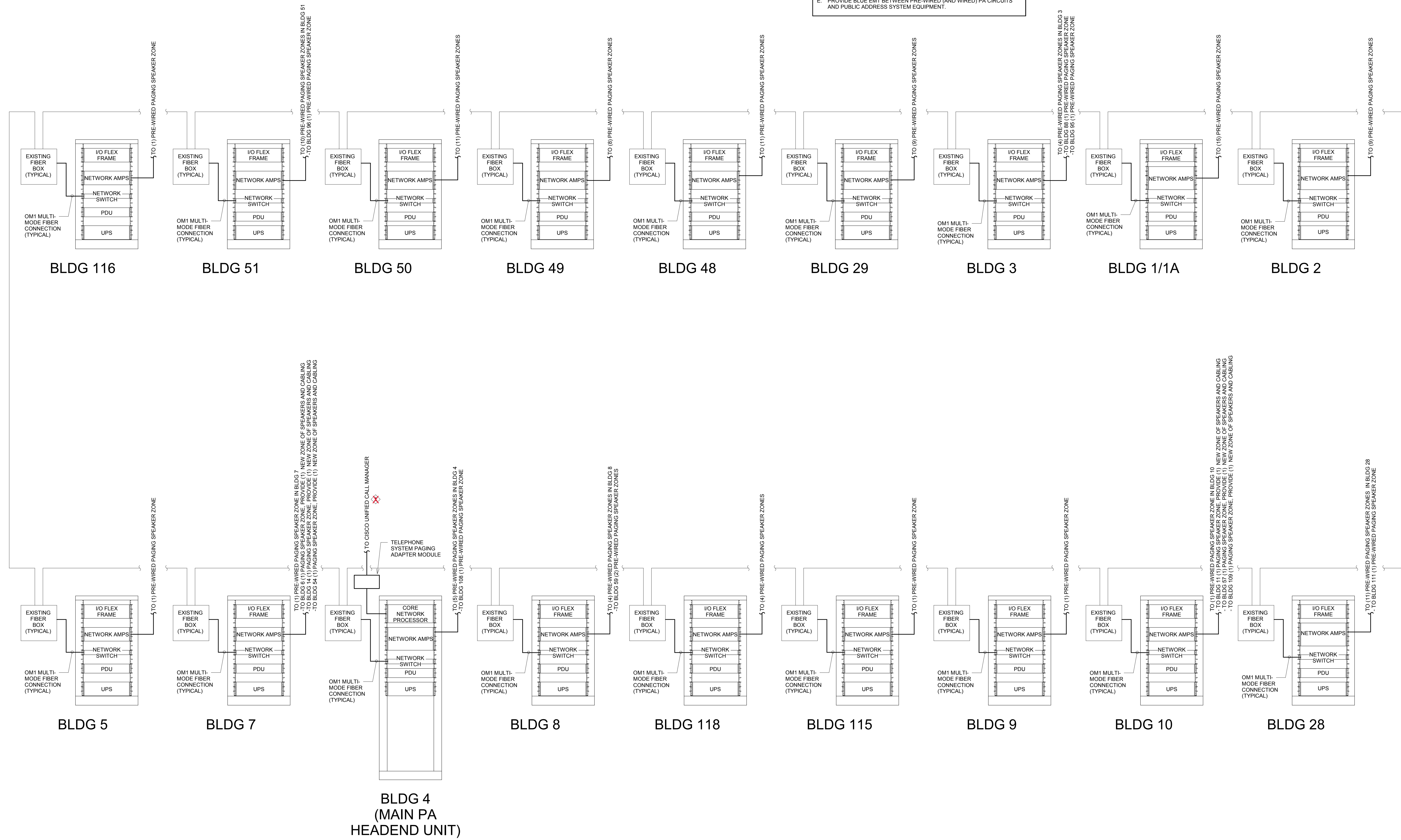
VA **U.S. Department of Veterans Affairs**
 Veterans Health Administration
 St. Cloud VA Health Care System

GENERAL NOTES:

- DEMOLITION, INSTALLATION AND TESTING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS.
- PROVIDE QUAD RECEPTACLE WITHIN EACH EQUIPMENT CABINET (ENCLOSURE). SEE 27 11 00 FOR REQUIREMENTS.
- PROVIDE FIBER OPTIC CONNECTORS (STLC) REQUIRED BETWEEN EXISTING FIBER PATCH BOX AND PUBLIC ADDRESS SYSTEM HEADEND EQUIPMENT.
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- PROVIDE BLUE EMT BETWEEN PRE-WIRED (AND WIRED) PA CIRCUITS AND PUBLIC ADDRESS SYSTEM EQUIPMENT.

KEY NOTES:

- PROVIDE CONNECTION FROM CISCO UNIFIED CALL MANAGER-EXTEND FROM FIRST FLOOR DATA CENTER 1466 LOCATED WITHIN RACK IN THE NORTH-CENTER PART OF THE ROOM. EXISTING PA HEAD END IS ALREADY CONNECTED TO THE CISCO UNIFIED CALL MANAGER. NEW CONNECTION NOT REQUIRED.



1 PUBLIC ADDRESS: NETWORK RISER DIAGRAM
1/8" = 1'-0"

Revisions:

Date: _____

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DRAWING TITLE PUBLIC ADDRESS NETWORK RISER	DATE:
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED: CHIEF OF STAFF	DATE:
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE UPGRADE PUBLIC ADDRESS SYSTEM	FLIGHT SCALE:
PROJECT NO.:	
BUILDING No.:	CHECKED BY: CP
	DRAWN: CG
	ISSUE DATE: 1/24/19
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO. ET.501

VA U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System