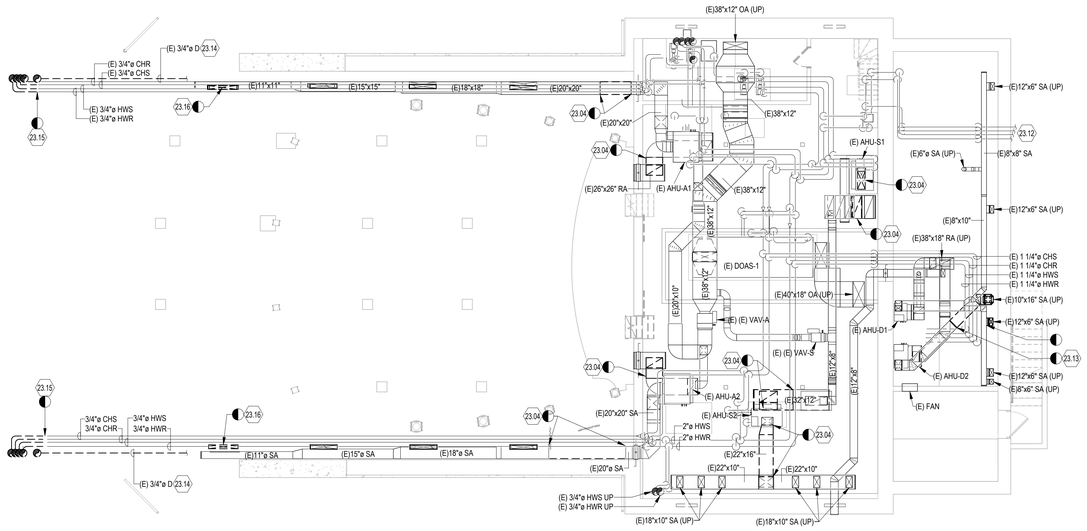
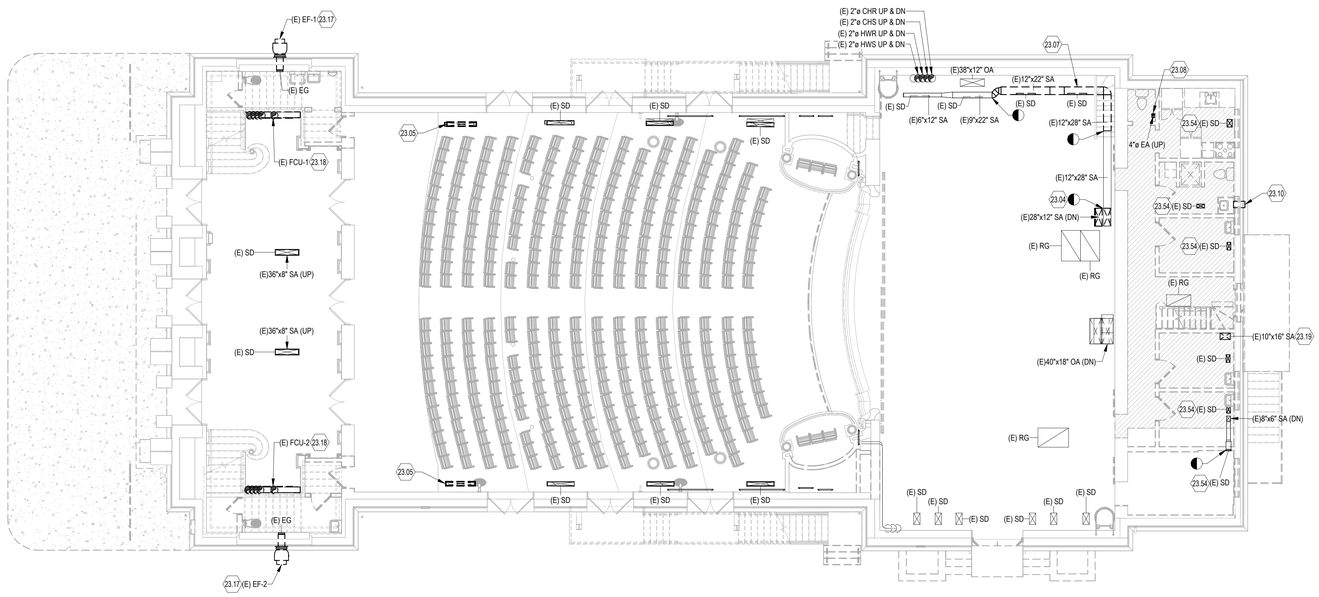
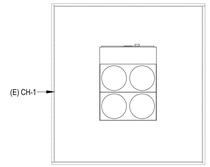


1 MECHANICAL BASEMENT DEMOLITION PLAN
1/8" = 1'-0"



2 MECHANICAL FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



DRAWING NOTES:

23.04 REMOVE SECTION OF DUCT TO ACCOMMODATE NEW SOUND ATTENUATOR.

23.05 REMOVE SUPPLY DIFFUSER AND DUCT TO BELOW FLOOR. RETAIN SUPPLY DIFFUSER FOR REUSE IN NEW WORK.

23.07 REMOVE SECTION OF DUCT. RETAIN SUPPLY DIFFUSERS FOR REUSE IN NEW WORK.

23.08 REMOVE EXHAUST GRILLE AND DUCT UP TO SECOND FLOOR.

23.10 REMOVE EXHAUST FAN IN WINDOW. COORDINATE WINDOW REPAIR WITH GENERAL CONTRACTOR.

23.12 EXISTING REFRIGERANT PIPING BELOW GRADE OUT TO CH-1.

23.13 REMOVE VERTICAL TO FIRST FLOOR. PREPARE FOR EXTENSION IN NEW WORK. SEE NEW WORK ON M101.

23.14 REMOVE EXISTING CONDENSATE DRAIN PIPING ENTIRELY BACK TO BELOW STAGE.

23.15 REMOVE EXISTING CHILLED WATER AND HEATING HOT WATER PIPING FROM FAN COIL ABOVE TO THIS LOCATION. PREPARE FOR EXTENSION TO NEW FAN COIL UNIT IN NEW WORK. SEE NEW WORK ON M101.

23.16 REMOVE DUCTWORK FROM SUPPLY GRILLE ABOVE MAIN. PREPARE FOR EXTENSION TO NEW SUPPLY GRILLE LOCATION IN NEW WORK. SEE NEW WORK ON M101.

23.17 REMOVE EXHAUST FAN, DUCT, AND GRILLE.

23.18 REMOVE FAN COIL AND ASSOCIATED PIPING TO BELOW FLOOR.

23.19 REMOVE DUCTWORK FROM BELOW FLOOR AND UP TO SECOND FLOOR.

23.54 RETAIN SUPPLY DIFFUSERS FOR REUSE IN NEW WORK.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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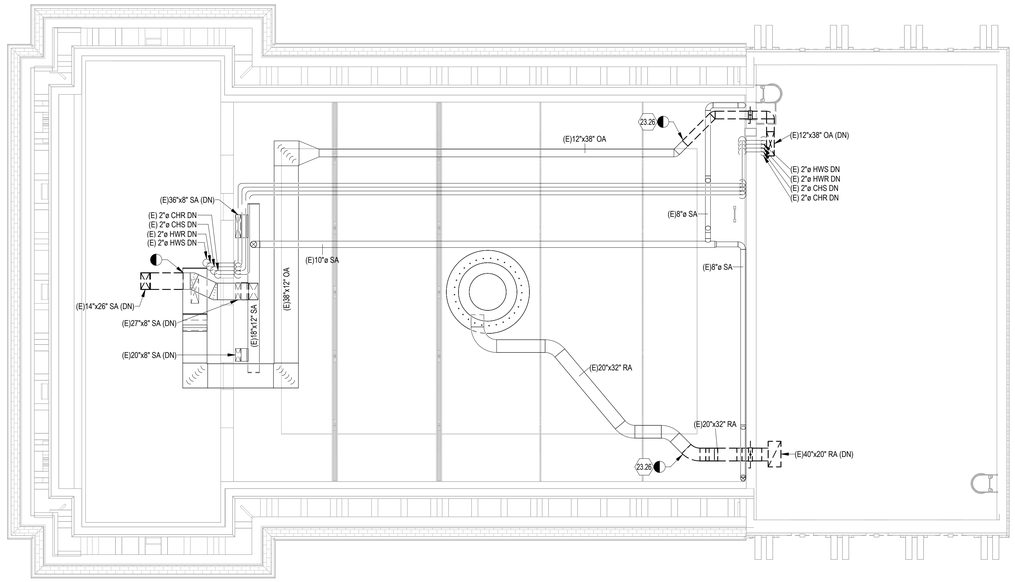
JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

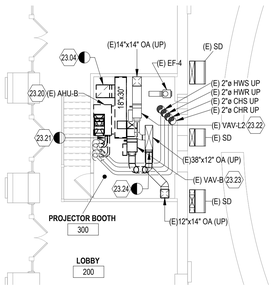
Drawing Title	Phase	Project Title	Project Number
BASEMENT AND FIRST FLOOR DEMOLITION PLANS	BID DOCUMENTS	RESTORATION OF BUILDING 35 HISTORIC THEATER	621-24-403
			Building Number: 35
Approved: Owner	FULLY SPRINKLERED	Location: MT. HOME, TENNESSEE	Drawing Number
		Issue Date: 07/01/2025 · Checked: KF · Drawn: KG	MD101

VA FORM 08 - 6231

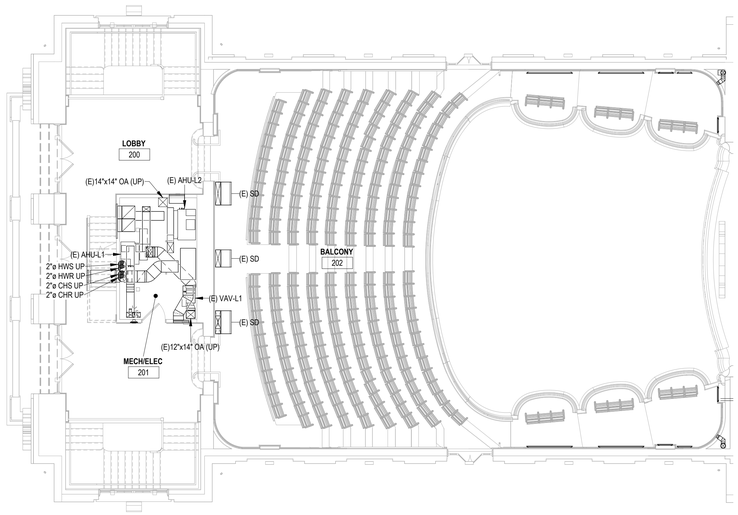
Autodesk Docs://Mt Home VA - Restoration of B35 Theater/FFE_Mt Home - Theater_B35_MEP (2024).rvt 7/1/2025 3:53:40 PM



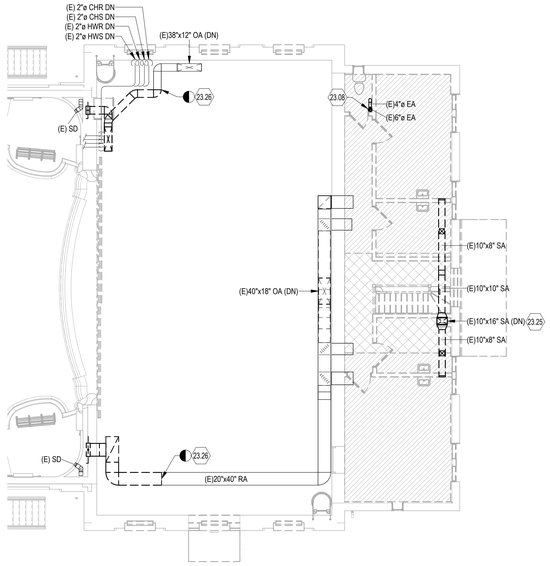
4 MECHANICAL ATTIC DEMOLITION PLAN
1/8" = 1'-0"



3 MECHANICAL PROJECTOR BOOTH DEMOLITION PLAN
1/8" = 1'-0"



1 MECHANICAL BALCONY DEMOLITION PLAN
1/8" = 1'-0"



2 MECHANICAL BACK LEVEL 2 DEMOLITION PLAN
1/8" = 1'-0"

DRAWING NOTES:

23.04 REMOVE SECTION OF DUCT TO ACCOMMODATE NEW SOUND ATTENUATOR.

23.08 REMOVE EXHAUST GRILLE AND DUCT UP TO SECOND FLOOR.

23.20 REMOVE AHU-B AND CONTROLS. SALVAGE FOR RELOCATION IN NEW WORK. REMOVE SUPPLY DUCTWORK TO ABOVE CEILING OF LOBBY. SEE NEW WORK PLANS ON M102.

23.21 DISCONNECT CHILLED WATER AND HEATING HOT WATER PIPING FROM AHU-B. REMOVE BACK TO MAIN AND CAP.

23.22 OA SUPPLY VAV TO REMAIN.

23.23 REMOVE OA SUPPLY VAV BOX ALONG WITH CONTROLS AND SALVAGE FOR RELOCATION IN NEW WORK. SEE NEW WORK PLANS ON M102.

23.24 REMOVE OA DUCTWORK FROM CONNECTION AND RETURN BACK TO MAIN AND CAP.

23.25 REMOVE ALL SUPPLY AIR DUCTWORK DOWN TO FIRST FLOOR.

23.26 REMOVE SECTION OF DUCT. RE-ROUTE IN NEW WORK.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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VA U.S. Department of Veterans Affairs

Drawing Title: BALCONY, SECOND FLOOR, AND ATTIC DEMOLITION PLANS

Approved: Owner

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: KF | Drawn: KG

Project Number: 621-24-403

Building Number: 35

Drawing Number: MD102

VA FORM 08 - 6231

Autodesk Docs://Mt Home VA - Restoration of B35 Theater/FFE_MI Home - Theater_B35_MEP (2024).rvt

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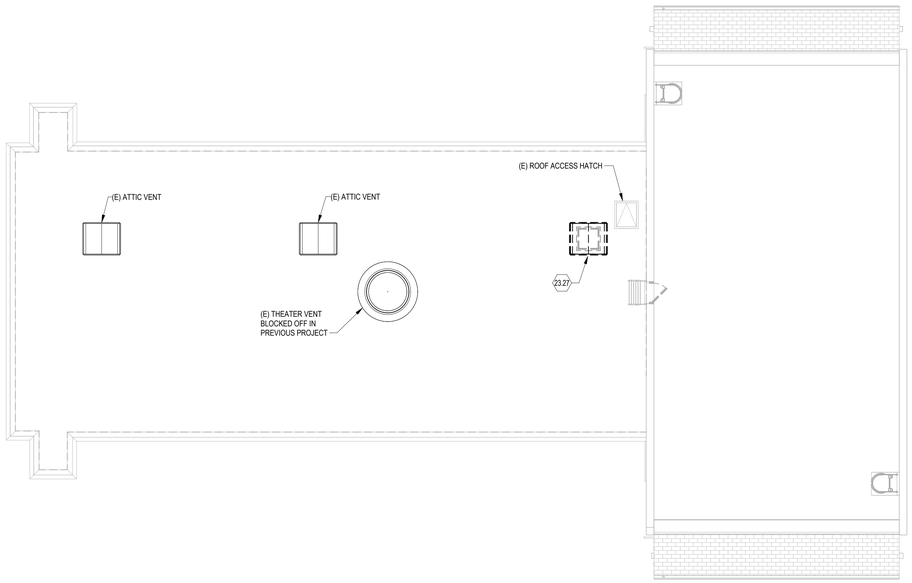
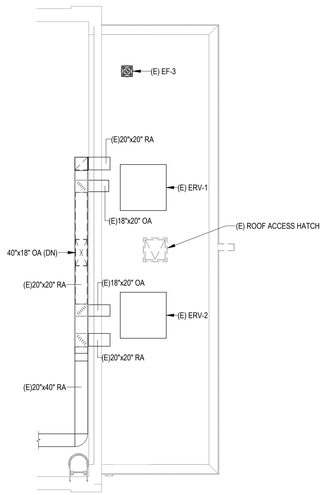


1 MECHANICAL ROOF DEMOLITION PLAN
1/8" = 1'-0"



2 MECHANICAL BACK ROOF DEMOLITION PLAN
1/8" = 1'-0"

DRAWING NOTES:

23.27 REMOVE ATTIC VENT AND CAP ROOF CURB PER NEW WORK PLANS. SEE NEW WORK ON M103.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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VA U.S. Department of Veterans Affairs

Drawing Title	ROOF DEMOLITION PLANS
Approved: Owner	
Phase	BID DOCUMENTS
	FULLY SPRINKLERED
Project Title	RESTORATION OF BUILDING 35 HISTORIC THEATER
Location	MT. HOME, TENNESSEE
Issue Date	07/01/2025
Checked	KF
Drawn	KG
Project Number	621-24-403
Building Number	35
Drawing Number	MD103

VA FORM 08 - 6231

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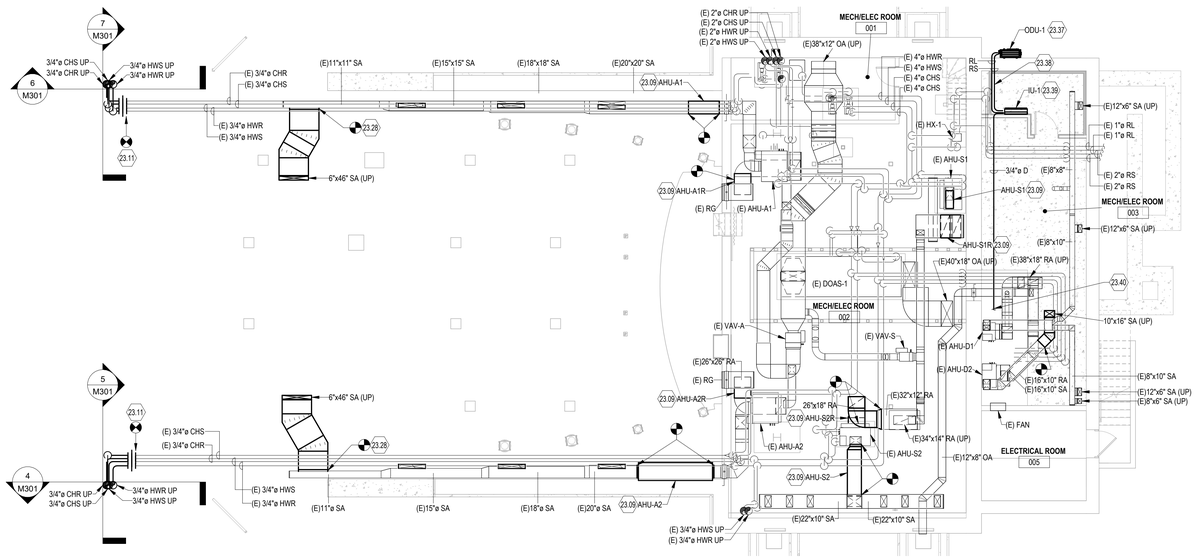
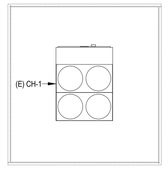
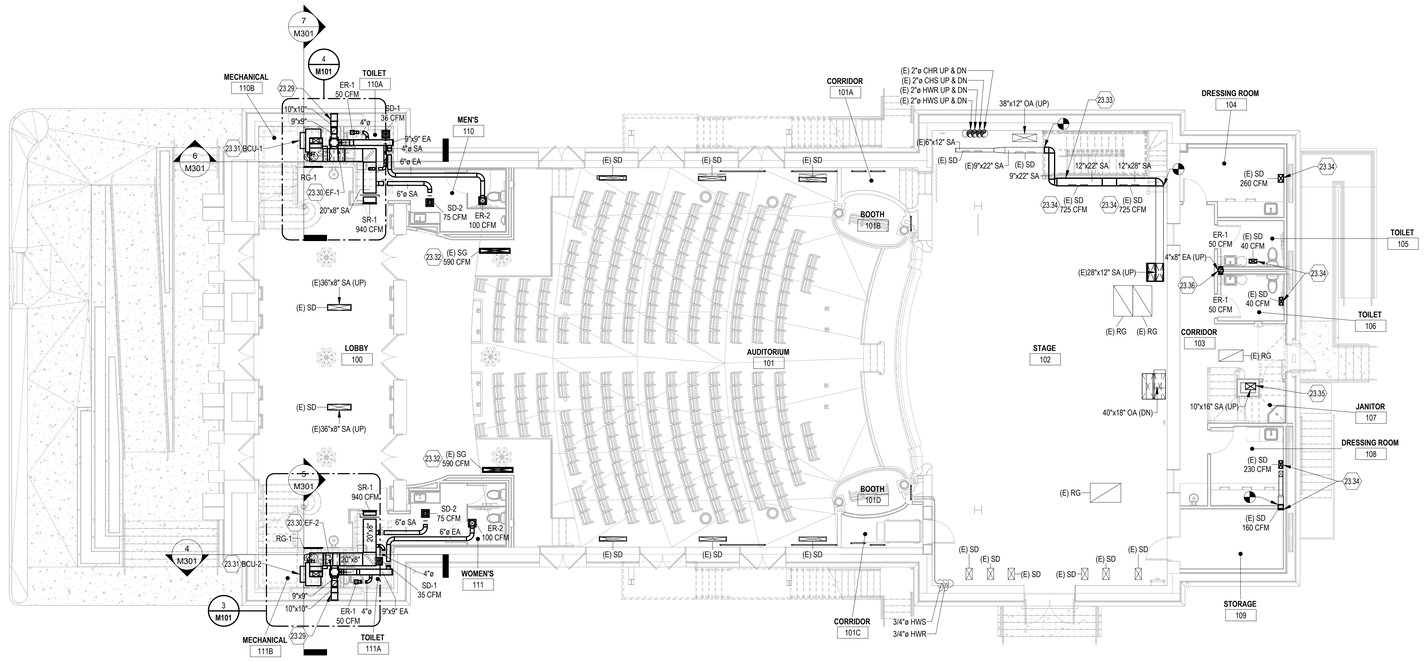
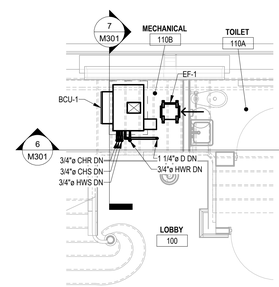


1 MECHANICAL BASEMENT NEW WORK PLAN
1/8" = 1'-0"

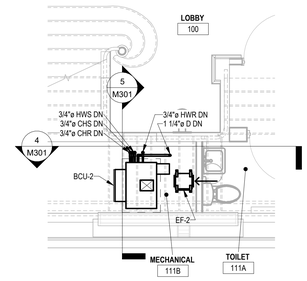




2 MECHANICAL FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"



4 MECHANICAL 110B
1/4" = 1'-0"



3 MECHANICAL 111B
1/4" = 1'-0"

PLAN NORTH

DRAWING NOTES:

23.09 INSTALL NEW SOUND ATTENUATOR.

23.11 EXTEND CHILLED WATER AND HEATING WATER PIPING TO NEW UNIT LOCATION ON FIRST FLOOR.

23.28 CONNECT 46"X6" SA DUCTWORK TO EXISTING.

23.29 CONNECT EXHAUST FAN DISCHARGE DUCT TO NEW WALL LOUVER. SEE ARCHITECTURAL PLANS.

23.30 SUSPEND FAN FROM STAIR STRUCTURE WITH NEOPRENE ISOLATORS.

23.31 SET UNIT ON FLOOR WITH NEOPRENE PAD AND SECONDARY DRAIN PAN BELOW. PROVIDE MOISTURE SENSOR TO SHUT OFF UNIT WHEN MOISTURE IS SENSED.

23.32 LOCATE EXISTING GRILLE IN FLOOR OF NEW CONSTRUCTION. ROUTE SUPPLY AIR DUCT TO BASEMENT CRAWL SPACE BELOW FIRST FLOOR.

23.33 ROUTE DUCTWORK TO AVOID NEW STAIR STRUCTURE.

23.34 REINSTALL EXISTING GRILLE AND BALANCE TO CFM INDICATED.

23.35 ROUTE DUCT FROM BASEMENT UP TO SECOND FLOOR. SEE M102 FOR CONTINUATION UP.

23.36 ROUTE DUCT UP TO SECOND FLOOR. SEE M102 FOR CONTINUATION.

23.37 SUPPORT ODU-1 FROM WALL. MOUNT LEVEL. ROUTE REFRIGERANT LINES TO UNIT IN BASEMENT.

23.38 RL AND RS PIPING SIZED BY MANUFACTURER.

23.39 MOUNT UNIT WITH BOTTOM AT 7'-0" MINIMUM.

23.40 TERMINATE CONDENSATE DRAIN OVER NEAREST FLOOR DRAIN.

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT AND FIRST FLOOR PLANS

Approved: Owner

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: KF | Drawn: KG

Project Number: 621-24-403

Building Number: 35

Drawing Number: M101

VA FORM 08 - 6231

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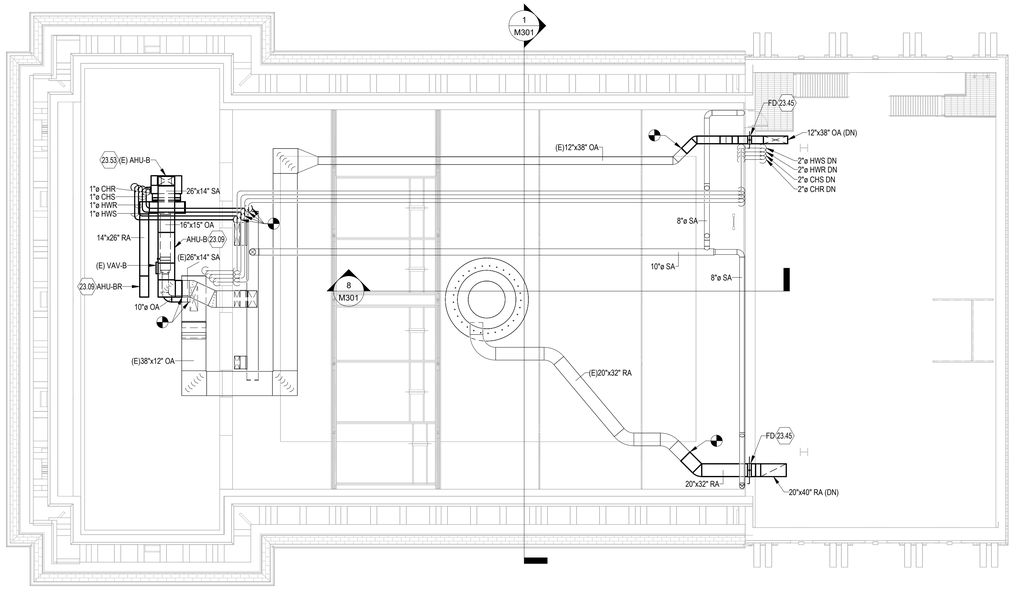
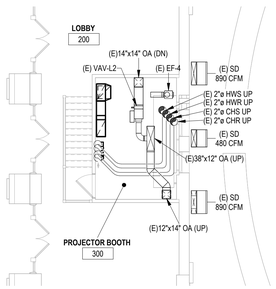
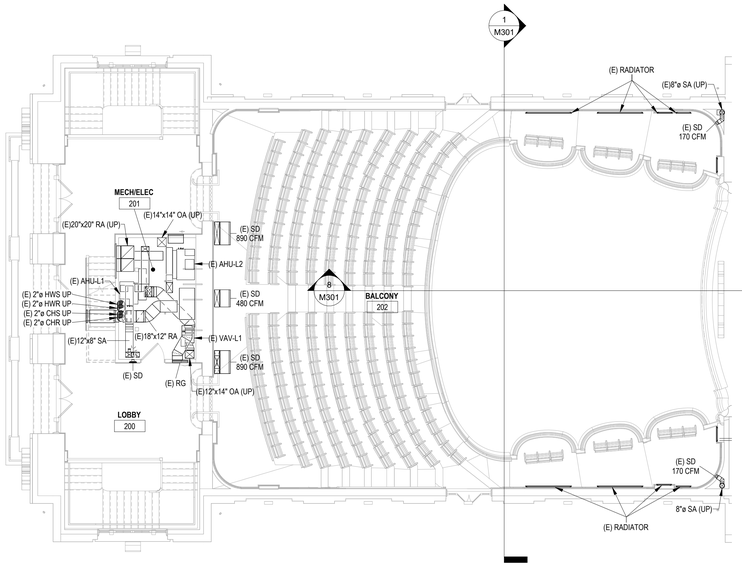


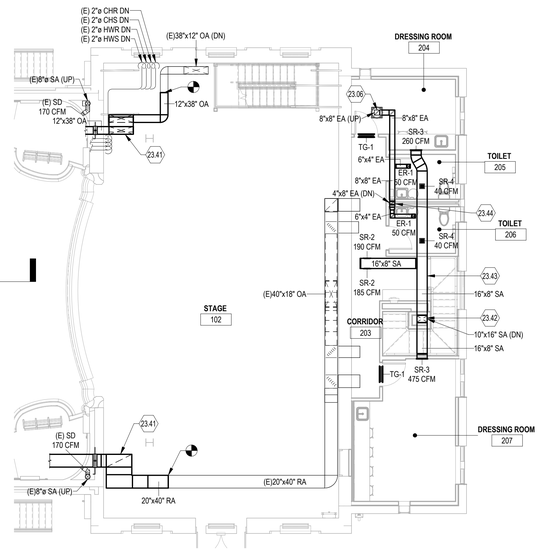
1 MECHANICAL ATTIC NEW WORK PLAN
1/8" = 1'-0"



2 MECHANICAL PROJECTOR BOOTH NEW WORK PLAN
1/8" = 1'-0"



3 MECHANICAL BALCONY NEW WORK PLAN
1/8" = 1'-0"



4 MECHANICAL BACK LEVEL 2 NEW WORK PLAN
1/8" = 1'-0"

DRAWING NOTES:

23.06 8X8 EXHAUST DUCT UP TO ROOF.

23.09 INSTALL NEW SOUND ATTENUATOR.

23.41 ROUTE DUCTWORK TO AVOID THE THEATRICAL CURTAINS AND SUPPORTS. SEE STAGE DUCTWORK FOR ISOMETRIC ON M301.

23.42 ROUTE DUCTWORK FROM FIRST FLOOR TIGHT TO CEILING.

23.43 INSTALL DUCTWORK TIGHT TO CEILING.

23.44 ROUTE DUCTWORK DOWN TO FIRST FLOOR.

23.45 RELOCATE EXISTING FIRE DAMPER.

23.53 SET UNIT ON FLOOR WITH NEOPRENE PAD AND SECONDARY DRAIN PAN BELOW. PROVIDE MOISTURE SENSOR TO SHUT OFF UNIT WHEN MOISTURE IS SENSED.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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Drawing Title: BALCONY, SECOND FLOOR, AND ATTIC PLANS

Approved: Owner

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: KF | Drawn: KG

Project Number: 621-24-403

Building Number: 35

Drawing Number: M102

VA FORM 08 - 6231

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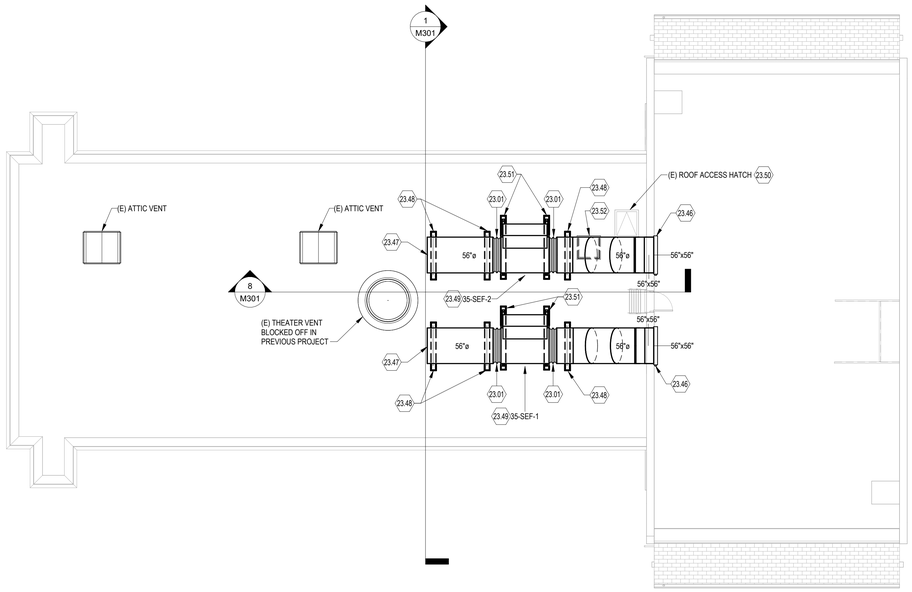
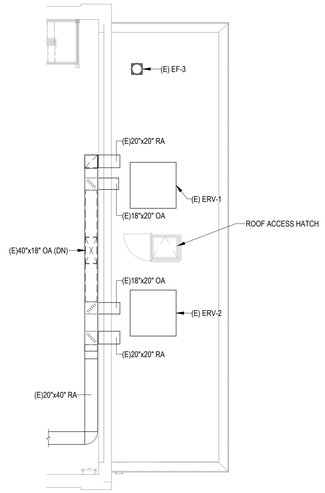


1 MECHANICAL ROOF NEW WORK PLAN
1/8" = 1'-0"



2 MECHANICAL BACK ROOF NEW WORK PLAN
1/8" = 1'-0"

DRAWING NOTES:

23.01 PROVIDE FIRE RATED FLEXIBLE CONNECTIONS AT DUCT CONNECTION TO EACH SIDE OF FAN. FABRIC ASSOCIATED WITH THE DUCT CONNECTION SHALL MEET ASTM E119-20 AND A TEMPERATURE RATING OF 155 DEG F.

23.46 PROVIDE 56"X56" MOTORIZED DAMPER INTERLOCK WITH SMOKE EXHAUST FAN.

23.47 PROVIDE BIRD SCREEN OVER OPENING.

23.48 PROVIDE EQUIPMENT RAILS AND UNI-STRUT SUPPORT FOR DUCTWORK.

23.49 INTERLOCK FAN TO FIRE ALARM SYSTEM.

23.50 POSITION DUCTWORK, WALL OPENING AND FAN TO ALLOW ROOF ACCESS HATCH TO OPEN FULLY.

23.51 PROVIDE EQUIPMENT RAILS FOR FAN SUPPORT. PROVIDE HOUSED SPRING ISOLATORS FOR FAN.

23.52 CAP CURB WITH A INSULATED PANEL SUITABLE FOR WALKING ON. DISABLE DAMPER AND SECURE IN CLOSED POSITION. CONTRACTOR TO VERIFY CURB DIMENSIONS IN THE FIELD.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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VA U.S. Department of Veterans Affairs

Drawing Title: ROOF PLANS

Approved: Owner

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025

Checked: KF

Drawn: KG

Project Number: 621-24-403

Building Number: 35

Drawing Number: M103

VA FORM 08 - 6231

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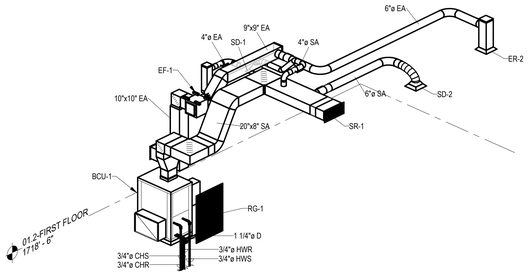
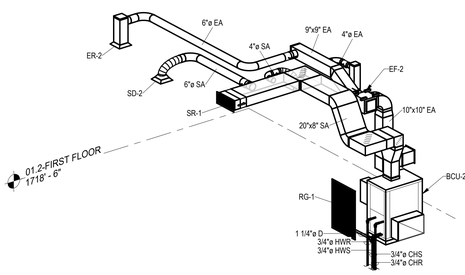
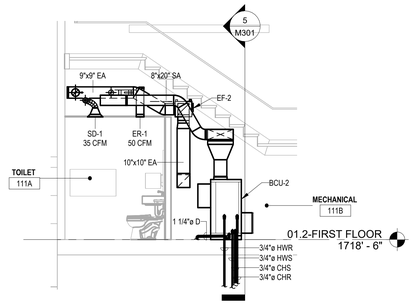


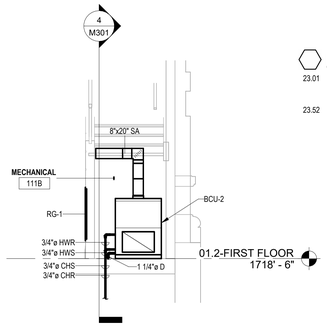
2 BCU-1 ISOMETRIC



9 BCU-2 ISOMETRIC



4 MECHANICAL ROOM BELOW STAIRS - SOUTH
1/4" = 1'-0"

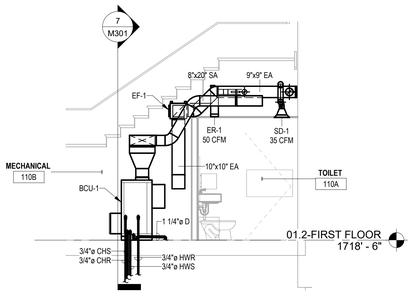


5 MECHANICAL ROOM BELOW STAIRS - EAST
1/4" = 1'-0"

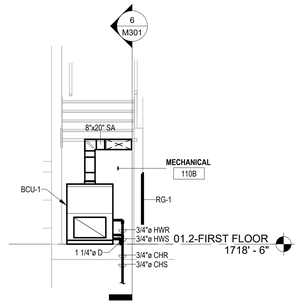
DRAWING NOTES:

23.01 PROVIDE FIRE RATED FLEXIBLE CONNECTIONS AT DUCT CONNECTION TO EACH SIDE OF FAN. FABRIC ASSOCIATED WITH THE DUCT CONNECTION SHALL MEET ASTM E119-20 AND A TEMPERATURE RATING OF 155 DEG F.

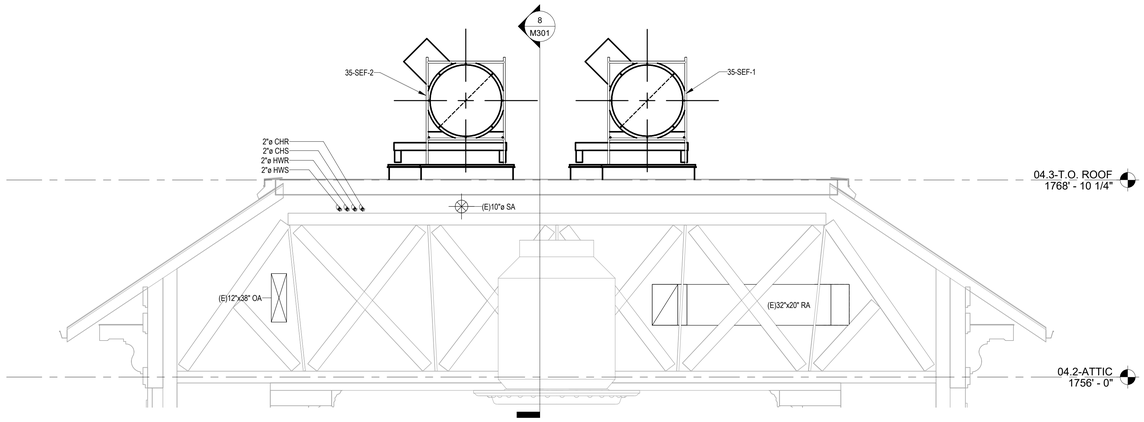
23.52 CAP CURB WITH A INSULATED PANEL SUITABLE FOR WALKING ON. DISABLE DAMPER AND SECURE IN CLOSED POSITION. CONTRACTOR TO VERIFY CURB DIMENSIONS IN THE FIELD.



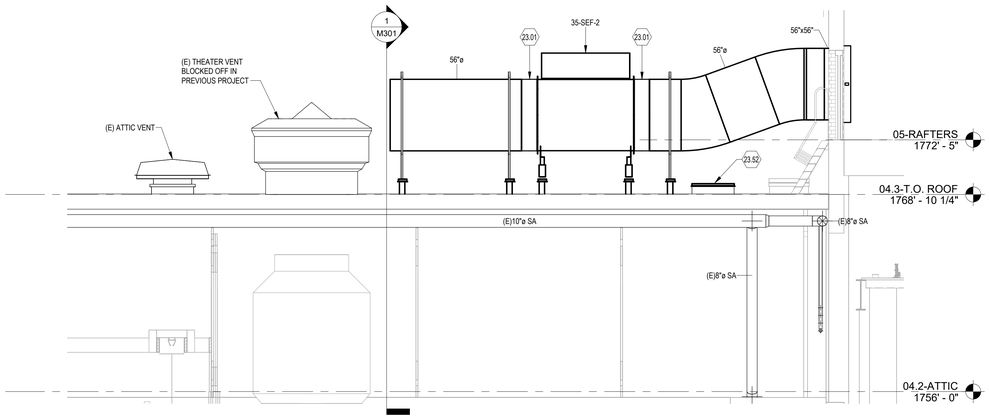
6 MECHANICAL ROOM BELOW STAIRS - NORTH
1/4" = 1'-0"



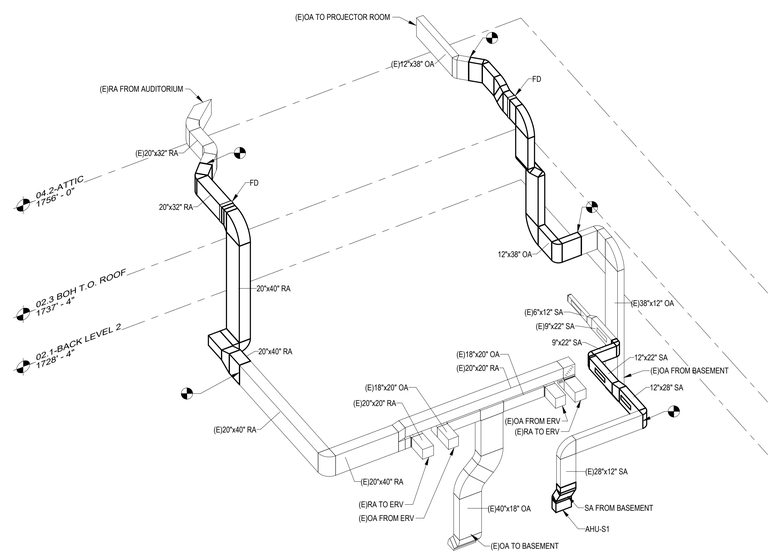
7 MECHANICAL ROOM BELOW STAIRS - EAST
1/4" = 1'-0"



1 ROOF SMOKE EXHAUST SECTION
1/4" = 1'-0"



8 ROOF SECTION - SMOKE EXHAUST - NORTH
1/4" = 1'-0"



3 STAGE DUCTWORK ISOMETRIC

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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STATE OF OHIO
KENNETH T. FITZGERALD
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REGISTERED
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JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL SECTIONS

Approved: Owner

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: KF | Drawn: KG

Project Number: 621-24-403

Building Number: 35

Drawing Number: M301

VA FORM 08 - 6231

Autodesk Docs://M1 Home VA - Restoration of B35 Theater/FFE_M1 Home - Theater_B35_MEP (2024).rvt

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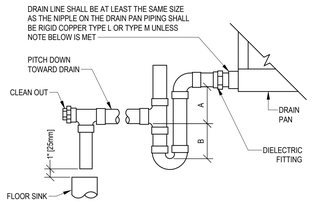
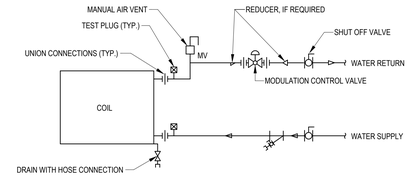


NOTE:
1. CPVC PIPE MAY BE USED ONLY IF APPROVED BYLOCAL VA AND IS INDOORS AND DOES NOT PASS THROUGHRATED BARRIERS.
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILARMETALS ARE TO BE CONNECTED.

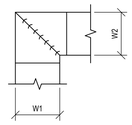
UNIT TYPE	A	B
DRAW THRU	2" [50mm] PLUS X	X
BLOW THRU	1" [25mm] MINIMUM	2X

WHERE X = STATIC PRESSURE IN PAN

1 AIR HANDLING UNIT DRAIN TRAP DETAIL
NTS

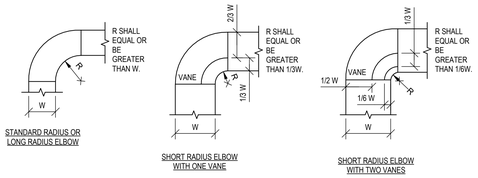


2 TERMINAL UNIT WATER COILS - PIPING CONNECTIONS
NTS



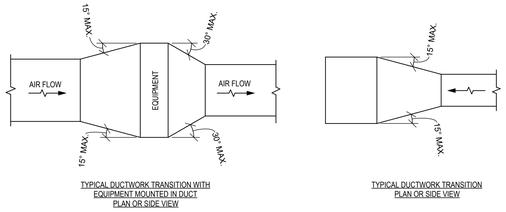
NOTE:
1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" [50mm] RADIUS, 1 1/2" [40mm] MAXIMUM SPACE BETWEEN VANES AND A 3/4" [20mm] TRAILING EDGE.
4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" [500mm] VANES SHALL BE DOUBLE VANE TYPE.

3 DUCTWORK SQUARE VANE ELBOWS
NTS



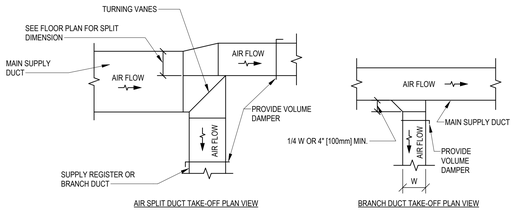
NOTE:
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

4 DUCTWORK RADIUS ELBOWS
NTS

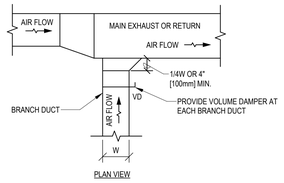


NOTE:
UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

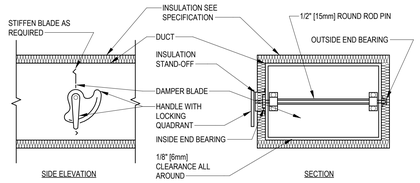
5 DUCTWORK TRANSITIONS (WITH EQUIPMENT MOUNTED IN DUCT)
NTS



6 SUPPLY DUCTWORK TAKE-OFFS
NTS

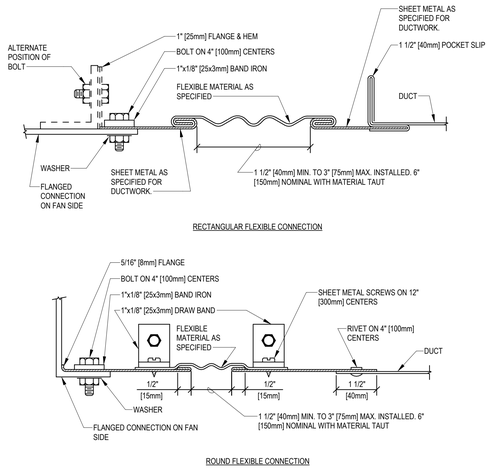


7 EXHAUST OR RETURN BRANCH DUCTWORK
NTS

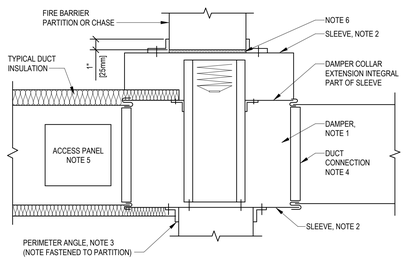


NOTE:
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.
3. SEE GENERAL NOTES ON MECHANICAL NEW WORK SHEETS REGARDING VOLUME DAMPER LOCATIONS AND ABOUT REMOTE ADJUSTMENT DEVICE OPTION FOR INACCESSIBLE CEILINGS.

8 VOLUME DAMPER DETAIL
NTS

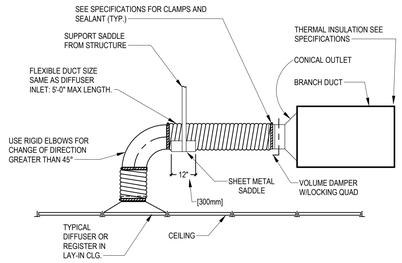


9 FLEXIBLE DUCT CONNECTIONS
NTS



NOTE:
1. A VERTICAL DAMPER IS SHOWN. HORIZONTAL DAMPER INSTALLATION, 1S SIMILAR. FOLLOW DAMPER MANUFACTURER'S INSTRUCTIONS, INCLUDING FASTENER OPTIONS AND GAGES FOR SLEEVE AND PERIMETER ANGLES. FIRE DAMPERS MUST BE INSTALLED IN THE PARTITION OR FLOOR AND NOT OUTSIDE THE PENETRATION.
2. GALVANIZED SLEEVE: GAGE NOT LESS THAN CONNECTING DUCT. FASTEN SLEEVE TO DAMPER FRAME AND TO PERIMETER ANGLES.
3. PERIMETER ANGELS: GALVANIZED STEEL, NOT LESS THAN 1 1/2"x1 1/2" [40x40mm]. 14 GAGE, TO PROVIDE 1" [25mm] MINIMUM OVERLAP OF OPENING ON ALL 4 SIDES.
4. BREAKAWAY DUCT CONNECTION: CONTRACTOR'S OPTION OF TYPES SHOWN IN SMACNA. ACCESS PANELS: SIZE AND LOCATION TO PERMIT SERVICING THE FUSIBLE LINK OR LINKS.
5. PROVIDE 1/4" TO 1/2" [6 TO 15mm] CLEARANCE ON HEIGHT AND WIDTH. FILL OPEN SPACE WITH ROCK WOOL FIRESTOP FIBER.
6. ALL DUCT WORK RISERS WHICH ARE RUN EXPOSED, SUCH AS THRU ATTIC FLOORS AND MECHANICAL ROOM FLOORS, SHALL BE PROVIDED WITH 3" [75mm] HIGH CONCRETE CURB AROUND OPENING FOR DUCT.
7. PLACE ACTUATOR IN ROOM WITH LAY-IN CEILING.

10 SECTION THROUGH FIRE DAMPER INSTALLATION
NTS



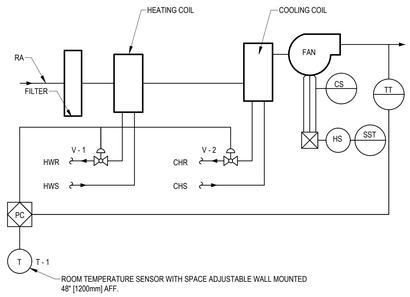
NOTE:
THE USE OF FLEXIBLE AIR DUCT CONNECTORS ARE NOT PERMITTED FOR THE DEDICATED AHU SERVING THE SURGICAL SUITE.

11 FLEXIBLE AIR DUCT CONNECTOR
NTS

FAN COIL SEQUENCE OF OPERATION (PATIENT ROOMS)

FAN COIL UNIT SHALL OPERATE ON A SCHEDULE AS SET BY THE ECC. FAN SHALL RUN CONTINUOUSLY. FAN STATUS SHALL BE MONITORED AND AN ALARM MESSAGE SHALL BE GENERATED IN THE EVENT THE UNIT FAILS TO RUN. THE ADJUSTABLE FROM TEMP SET POINT WILL BE 70° - 75° WITH 0.5° HEATING/COOLING OFFSETS. VALVE V-1 & V-2 WILL NOT BE OPEN SIMULTANEOUSLY. ROOM OCCUPANT WILL HAVE ABILITY OF ADJUSTING ROOM TEMPERATURE BETWEEN 70° - 75°.

FAN COIL SEQUENCE OF OPERATION (OUTPATIENT ROOMS)
FAN COIL SHALL OPERATE ON A SCHEDULE AS SET BY ECC. FAN SHALL RUN CONTINUOUSLY IN OCCUPIED MODE. FAN STATUS SHALL BE MONITORED AND AN ALARM MESSAGE SHALL BE GENERATED IN THE EVENT THE UNIT FAILS TO RUN BETWEEN THE RANGE OF 70° ,75° SPACE TEMPERATURE BOTH V-1 & V-2 SHALL BE CLOSED. UPON RISE IN TEMPERATURE ABOVE 75° V-2 SHALL MODULATE OPEN TO MAINTAIN 75° F. UPON FALL IN TEMPERATURE BELOW 70°F. HEATING VALVE V-1 SHALL MODULATE TO OPEN TO MAINTAIN 70° F.



12 FOUR PIPE FAN COIL UNIT CONTROLS
NTS

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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STATE OF OHIO
JUL 11 2025
KENNETH J. FITZGERALD
E-76682
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JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL DETAILS
Approved: Owner
Phase: BID DOCUMENTS
FULLY SPRINKLERED
Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER
Location: MT. HOME, TENNESSEE
Project Number: 621-24-403
Building Number: 35
Drawing Number: M501
Issue Date: 07/01/2025
Checked: KF
Drawn: KG

VA FORM 08 - 6231

Autodesk Docs://IM Home VA - Restoration of B35 Theater/FFE_IM Home - Theater_B35_MEP (2024).rvt
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SOUND ATTENUATING DEVICE SCHEDULE

MARK	LOCATION	SYSTEM AND/OR SERVICE	TYPE	AIRFLOW		APD		INLET SIZE		LENGTH		DYNAMIC INSERTION LOSS DB OCTAVE BAND AND MID-FREQUENCY [CPS]								REMARKS
				CFM	[L/s]	IN WG	[Pa]	IN	[mm]	IN	[mm]	63	125	250	500	1000	2000	4000	8000	
AHU-A1	BASEMENT	AHU-A1 (SUPPLY)	RECTANGULAR	2600	[1200]	0.17	[43]	20 x 20	490 X 490	48	[1200]	7	11	15	23	18	14	11	9	----
AHU-A1R	BASEMENT	AHU-A1 (RETURN)	RECTANGULAR ELBOW	-2600	[-1000]	0.09	[23]	26 x 16	640 x 400	40	[1000]	5	10	19	24	33	31	25	22	----
AHU-A2	BASEMENT	AHU-A2 (SUPPLY)	CIRCULAR	2600	[1200]	0.16	[40]	20	[490]	120	[3000]	10	16	44	55	55	54	47	46	----
AHU-A2R	BASEMENT	AHU-A2 (RETURN)	RECTANGULAR ELBOW	-2600	[-1000]	0.09	[23]	26 x 16	640 x 400	40	[1000]	5	10	19	24	33	31	25	22	----
AHU-B	BOOTH	AHU-B (SUPPLY)	RECTANGULAR	2600	[1200]	0.14	[35]	26 x 14	640 x 340	48	[1200]	6	9	15	24	20	16	12	10	----
AHU-BR	BOOTH	AHU-B (RETURN)	RECTANGULAR ELBOW	-2600	[-1000]	0.09	[23]	20 x 20	490 X 490	36	[900]	6	10	17	21	27	24	21	18	----
AHU-S1	STAGE	AHU-S1 (SUPPLY)	RECTANGULAR	2900	[1400]	0.2	[50]	28 x 12	690 x 300	60	[1500]	6	11	18	31	27	20	13	10	----
AHU-S1R	BASEMENT	AHU-S1 (RETURN)	RECTANGULAR ELBOW	-2900	[-1000]	0.05	[13]	36 x 14	880 x 340	50	[1300]	6	11	19	24	30	28	23	20	----
AHU-S2	BASEMENT	AHU-S2 (SUPPLY)	RECTANGULAR	2900	[1400]	0.22	[55]	22 x 16	540 x 400	72	[1800]	7	12	21	35	32	24	17	13	----
AHU-S2R	BASEMENT	AHU-S2 (RETURN)	RECTANGULAR ELBOW	-2900	[-1000]	0.07	[18]	26 x 18	640 x 440	40	[1000]	5	10	19	24	33	31	25	22	----

AIR DEVICE SCHEDULE (SUPPLY)

MARK	TYPE	AIR FLOW				MAX APD		MOUNTING	PANEL/FRAME SIZE		NECK SIZE		NC	DAMPER	FINISH	REMARKS
		MIN		MAX												
		CFM	[L/s]	CFM	[L/s]	IN WG	[Pa]		IN x IN	[mm x mm]	IN	[mm]				
SD-1	LOUVERED FACE	35	[17]	75	[35]	0.046	[12]	CEILING	12 x 12	[300 x 300]	4	[100]	<15	OBD	WHITE	1
SD-2	LOUVERED FACE	75	[35]	150	[71]	0.105	[26]	CEILING	12 x 12	[300 x 300]	6	[150]	23	OBD	WHITE	1
SR-1	SUPPLY REGISTER	600	[280]	1000	[470]	0.150	[38]	WALL	22 x 10	[540 x 250]	20 x 8	[490 x 200]	35	OBD	--	2
SR-2	SUPPLY REGISTER	170	[80]	275	[130]	0.131	[33]	WALL, DUCT	12 x 8	[300 x 200]	10 x 6	[250 x 150]	30	OBD	--	2
SR-3	SUPPLY REGISTER	260	[120]	500	[240]	0.100	[25]	WALL, DUCT	18 x 10	[440 x 250]	16 x 8	[400 x 200]	26	OBD	--	2
SR-4	SUPPLY REGISTER	35	[17]	115	[54]	0.074	[19]	WALL, DUCT	8 x 8	[200 x 200]	6 x 6	[150 x 150]	26	OBD	--	2

REMARKS:

1. PROVIDE SQUARE TO ROUND ADAPTER.
2. SEE SPECIFICATION 23 37 00 FOR FINISH INFORMATION.

AIR DEVICE SCHEDULE (RETURN)

MARK	TYPE	AIR FLOW				MAX APD		MOUNTING	PANEL/FRAME SIZE		NECK SIZE		NC	DAMPER	FINISH	REMARKS
		MIN		MAX												
		CFM	[L/s]	CFM	[L/s]	IN WG	[Pa]		IN x IN	[mm x mm]	IN x IN	[mm x mm]				
RG-1	LOUVERED HEAVY DUTY	1000	[470]	2000	[940]	0.023	5.800	WALL	26 x 42	[600 x 980]	24 x 40	[600 x 980]	20	NONE	--	2
TG-1	LOUVERED HEAVY DUTY	260	[120]	475	[220]	0.051	13.000	WALL	32 x 8	[790 x 200]	30 x 6	[740 x 150]	12	NONE	--	2
ER-1	EXHAUST REGISTER	50	[24]	--	[ ]	0.016	4.000	CEILING / WALL	8 x 8	[200 x 200]	6 x 6	[150 x 150]	<15	OBD	--	1, 2
ER-2	EXHAUST REGISTER	100	[47]	--	[ ]	0.016	4.000	CEILING	12 x 12	[305 x 305]	8 x 8	[203 x 203]	<15	OBD	WHITE	1

REMARKS:

1. PROVIDE SQUARE TO ROUND ADAPTOR WHERE NECESSARY ON PLANS.
2. SEE SPECIFICATION 23 37 00 FOR FINISH INFORMATION.

FOUR PIPE FAN COIL UNIT SCHEDULE

MARK	LOCATION	TYPE	FAN AIR FLOW		EXTERNAL APD		COOLING REQUIREMENTS														HEATING REQUIREMENTS										FILTER	FAN MOTOR						
							MIN SENS CAPACITY		MIN TOTAL CAPACITY		EAT				FLOW		EWT		WPD		RUNOUT SIZE		MIN CAPACITY		EAT Db		FLOW		EWT		WPD		RUNOUT SIZE			POWER		PHASE	VOLT	RPM	SPEED CONTROL	REMARKS
											Db		Wb																													
			CFM	[L/s]	IN WG	[Pa]	BTUH	[W]	BTUH	[W]	°F	[°C]	°F	[°C]	GPM	[L/s]	°F	[°C]	FT	[kPa]	IN	[mm]	BTUH	W	°F	[°C]	GPM	[L/m]	°F	[°C]	FT	[kPa]	IN	[mm]	MERV RATING	HP	[W]					
BCU-1	111A	VERTICAL	1050	[500]	0.5	[130]	16800	[4900]	23200	[6800]	75	[24]	65	[18]	3.1	[41]	44	[7]	6.27	[19]	0.75	[19]	29400	[8600]	68	[20]	1.9	[7]	155	[68]	0.08	[ ]	1	[25]	8	0.5	[370]	1	115	1332	ECM	1, 2
BCU-2	110A	VERTICAL	1050	[500]	0.5	[130]	16800	[4900]	23200	[6800]	75	[24]	65	[18]	3.1	[41]	44	[7]	6.27	[19]	0.75	[19]	29400	[8600]	68	[20]	1.9	[7]	155	[68]	0.08	[ ]	1	[25]	8	0.5	[370]	1	115	1332	ECM	1, 2

REMARK:

1. 2" MERV 8 FILTER, MOTOR SPEED SHALL BE MANUAL ADJUSTED AT THE UNIT.
2. PROVIDE SECONDARY DRAIN PAN WITH MOISTURE SENSOR TO SHUT COOLING VALVE ON THE UNIT.

BASIS OF DESIGN TITUS TVBD SIZE 12 (TITUS SQ 50517)

SPLIT SYSTEM AIR CONDITIONER GAS/ELECTRIC SCHEDULE

MARK	LOCATION	AREA AND/OR BLDG SERVED	TYPE	TOTAL SUPPLY AIR FLOW		MIN. OUTSIDE AIR FLOW		EXT STATIC PRESSURE		COOLING CAPACITY											AIR FILTER MARK NO	ELECTRICAL DATA						REMARKS
										MIN TOTAL CAPACITY		MIN SENS CAPACITY		MIN SEER	EAT				OSA DESIGN TEMP		COMP Kw	INDOOR FAN			OUTDOOR UNIT (FAN/COMP)			
															Db		Wb											
				CFM	[L/s]	CFM	[L/s]	IN	[Pa]	MBH	[kW]	MBH	[kW]		°F	[°C]	°F	[°C]	°F	[°C]		HP	[W]	CONTROL	MCA	[W]	CONTROL	
ODU-1/IDU-1	OUTSIDE/INSIDE	TR ROOM	DUCTLESS SPLIT	375	[180]	0	[ ]	1.5	[380]	18	[61]		[ ]	19.5	75	[24]	64	[18]	[95]	[35]	--	MERV 7	0.04	[30]	TEMPERATURE SENSOR	16	[12000]	BACnet	1, 2, 3, 4

REMARKS:

1. PROVIDE WALL MOUNTED INDOOR UNIT (IDU-1) WITH WALL MOUNTED THERMOSTAT FOR CONTROL OF THE UNIT AND BACnet INTEGRATION TO BAS SYSTEM.
2. PROVIDE WALL MOUNTING BRACKETS FOR THE OUTDOOR UNIT.
3. PROVIDE 1/2" TWIN TUBE LINESET WITH INSULATION. SUITABLE FOR THE LENGTH REQUIRED FOR INDOOR TO OUTDOOR UNIT.
4. PROVIDE ADVANCED MINI CONDENSATE PUMP WITH RESERVOIR AND SENSOR.

BASIS OF DESIGN MITSUBISHI PUY-AK18NL / PKA-AL18NL

FAN SCHEDULE

MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	AIR FLOW		TSP		FAN								MOTOR ELECTRICAL							CONTROL SEQUENCE	REMARKS
								TYPE	WHEEL	CLASS	ARRANGEMENT, ROTATION, AND DISCHARGE	DIAMETER		MIN % EFF	DRIVE	FAN MAX RPM	NOMINAL POWER			PHASE	VOLT	RPM	SPEED CONTROL		
				CFM	[L/s]	IN	[Pa]					IN	[mm]				BHP	HP	[kW]						
35-SEF-1	ROOF	STAGE	SMOKE EXHAUST	38750	[18000]	1.8	[450]	TUBULAR CENTRIFUGAL	MIXED FLOW	II	ARR 9, CLOCKWISE, HORIZONTAL	40	[1000]	63%	BELT	1304	23.79	30	[22]	3	208	1725	CONSTANT	ON/OFF	1, 2
35-SEF-2	ROOF	STAGE	SMOKE EXHAUST	38750	[18000]	1.8	[450]	TUBULAR CENTRIFUGAL	MIXED FLOW	II	ARR 9, CLOCKWISE, HORIZONTAL	40	[1000]	63%	BELT	1304	23.79	30	[22]	3	208	1725	CONSTANT	ON/OFF	1, 2
EF-1	110A	RESTROOM	GENERAL EXHAUST	150	[71]	0.4	[100]	SQUARE INLINE FAN	PLENUM	--	--	8	[200]	24%	DIRECT	1750	0.04	0.067	[ ]	1	115	1750	ECM	ON/OFF	3, 4
EF-2	111A	RESTROOM	GENERAL EXHAUST	150	[71]	0.4	[100]	SQUARE INLINE FAN	PLENUM	--	--	8	[200]	24%	DIRECT	1750	0.04	0.067	[ ]	1	115	1750	ECM	ON/OFF	3, 4

REMARKS:

1. UL LISTED FOR SMOKE CONTROL (300F/5 HRS, 392 F/2 HRS, 572F/1 HR) (CLASS F INSULATED MTR.)
2. PROVIDE UTILITY RAILS AND HOUSED SPRING ISOLATORS FOR MOUNTING TO THE ROOF.
3. SIDE DISCHARGE HOUSING WITH MOTOR SPEED ADJUSTED MANUAL ON THE MOTOR.
4. PROVIDE NEOPRENE ISOLATORS FOR SUSPENDED SUPPORT.

BASIS OF DESIGN GREENHECK SQ-70-VG, QEI-44

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

STAMP

STATE OF OHIO KENNETH T. FITZGERALD E-75682 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL SCHEDULES

Approved: Owner

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025

Checked: KF

Drawn: KG

Project Number: 621-24-403

Building Number: 35

Drawing Number: M600

VA FORM 08 - 6231

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GENERAL CONSTRUCTION NOTES

1. ALL WORK SHALL COMPLY WITH THE LATEST NFPA 101 LIFE SAFETY CODE, INTERNATIONAL BUILDING CODES,AND OTHER CODES AS IDENTIFIED IN VA PROGRAM GUIDE PG-18-3, TOPIC 01, CODES, STANDARDS AND EXECUTIVE ORDERS WHICH CAN BE FOUND ON THE DEPARTMENT OF VETERAN AFFAIRS, TECHNICAL INFORMATION LIBRARY WEBSITE.
2. ALL WORK SHALL COMPLY WITH REQUIREMENTS OF THE LATEST ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARD (ABAAS) AND DEPARTMENT OF VETERANS AFFAIRS BARRIER FREE DESIGN GUIDE PG-18-13 WHICH CAN BE FOUND ON THE DEPARTMENT OF VETERANS AFFAIRS TECHNICAL INFORMATION LIBRARY WEBSITE.
3. CONTRACTOR IS RESPONSIBLE TO REPAIR AND/OR REFINISH, TO MATCH ADJACENT EXISTING SURFACES, ANY EXISTING MATERIALS TO REMAIN THAT ARE DAMAGED DURING THE COURSE OF DEMOLITION OR NEW WORK.
4. WHERE REMOVAL OF EXISTING WORK IS REQUIRED FOR INSTALLATION OF NEW WORK, CONTRACTOR SHALL REPAIR EXISTING CONSTRUCTION TO REMAIN OR PROVIDE NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES TO REMAIN.
5. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO ORDERING, FABRICATING OR INSTALLING NEW MATERIALS.
6. CONTRACTOR IS RESPONSIBLE TO VERIFY SIZES OF ALL EQUIPMENT, ETC. TO BE INSTALLED AS PART OF THIS PROJECT, AND WHERE NECESSARY, MAKE SPECIAL PROVISIONS TO INSTALL EQUIPMENT THAT IS TOO LARGE TO FIT THROUGH FINISHED OPENINGS.
7. CONTRACTOR SHALL PROVIDE COMPLETE AND FULLY OPERATIONAL SYSTEMS WHICH COMPLY WITH STATED CODES AND REGULATIONS. WHERE THE OMISSION OF A PART OR ELEMENT OF A SYSTEM WOULD RESULT IN THE NON-OPERATION, OR INCORRECT OPERATION OF A SYSTEM, CONTRACTOR SHALL INCLUDE SAID PART OR ELEMENT AS PART OF THE WORK.
8. ALL PENETRATIONS THROUGH NEW AND/OR EXISTING SMOKE OR FIRE RATED WALLS SHALL BE SMOKE/FIRESTOPPED AS REQUIRED BY THE RATING OF THE WALL. WHERE CONDUIT IS REMOVED THROUGH RATED WALLS, SMOKE/FIRESTOP PENETRATION.
9. FIRESTOP ALL FLOOR PENETRATIONS AT THE END OF EACH WORKING SHIFT.
10. CONTRACTOR SHALL ENGAGE A SUB-SURFACE UTILITY MARKING COMPANY TO LOCATE ALL UNDERGROUND LINES PRIOR TO EXCAVATION.
11. REMOVAL OF ELECTRICAL ITEMS SHALL INCLUDE REMOVALS BACK TO THE EXISTING ELECTRICAL DISTRIBUTION CENTER, PANEL OR LAST ACTIVE OUTLET, FIXTURE OR DEVICE REMAINING.
12. ALL CONDUIT AND WIRING LOCATED INSIDE DEMO WALLS SHALL BE RE-ROUTED TO ENSURE A COMPLETE AND FUNCTIONAL SYSTEM WHILE ACCOMMODATING THE WALL REMOVAL.
13. ALL ABANDONED EXTRANEOUS CONDUITS, SUPPORTS, CONTROLS, ETC. SHALL BE REMOVED.
14. REMOVALS OF RECEPTACLES, TELEPHONE, DATA OUTLETS, ETC. INCLUDE REMOVAL OF THE DEVICE, BACKBOX, CONDUIT, WIRING, ETC.
15. ALL EXISTING FLUORESCENT LAMPS AND BALLASTS REMOVED ARE TO BE PUT INTO CONTAINERS AND DISPOSED OF BY A QUALIFIED PARTY AT AN APPROVED DISPOSAL FACILITY.
16. ALL ELECTRICAL DEVICES, LIGHTING FIXTURES, RECEPTACLES, SPEAKERS, MISCELLANEOUS EQUIPMENT, JUNCTION BOXES, WIRE, CONDUITS, ETC. WITHIN THE RENOVATION AREAS ARE TO BE REMOVED UNLESS OTHERWISE INDICATED.
17. ALL EXISTING CONDUIT, EQUIPMENT, CONTROLS, ETC. SHOWN DASHED SHALL BE REMOVED. THE MAJORITY OF ELECTRICAL WORK TO BE REMOVED IS SHOWN. REMOVE ALL INCIDENTAL ITEMS ASSOCIATED WITH THE DEMOLITION WORK.
18. ALL EXISTING FIRE ALARM EQUIPMENT AND DEVICES SHALL BE REMOVED AS NOTED. CONTRACTOR SHALL SALVAGE EQUIPMENT AS DIRECTED BY THE COR AND STORE IN A LOCATION DESIGNATED BY THE COR. ALL OTHER EQUIPMENT AND DEVICES NOT SALVAGED SHALL BE REMOVED AS DIRECTED FROM THE PREMISE.
19. CONTRACTOR SHALL COORDINATE WITH THE COR IN REGARD TO REMOVALS. CONTRACTOR SHALL SALVAGE EQUIPMENT AS DIRECTED BY THE OWNER AND STORE IN A LOCATION DESIGNATED BY THE COR. ALL OTHER EQUIPMENT AND MATERIALS NOT SALVAGED SHALL BE REMOVED FROM THE PREMISE.
20. WHERE EQUIPMENT IS SHOWN TO BE REMOVED, DISCONNECT ELECTRICAL SOURCE TO EQUIPMENT AND REMOVE FEEDER BACK TO SOURCE.
21. THE EXISTING THEATER SPACE WILL BE RENOVATED UNDER THIS CONTRACT; REFER TO ARCHITECTURAL DRAWINGS FOR AREAS WHERE NEW WORK RENOVATIONS WILL OCCUR, REMOVE (AND RELOCATE AS REQUIRED) ANY EXISTING ELECTRICAL PATHWAYS AND/OR UTILITIES ASSOCIATED WITH DIVISION 26, 27, AND 28 TO ACCOMMODATE ALL NEW CONSTRUCTION IN THESE AREAS.
22. ALL EQUIPMENT, LIGHT FIXTURES, CONDUIT, CONDUCTORS, FIRE ALARM WIRING, AND ANY OTHER ELECTRICAL RELATED EQUIPMENT BEING MOUNTED IN THE CEILING OR ABOVE THE CEILING SHALL BE PLENUM RATED.
23. CLOSELY COORDINATE ALL NEW WORK ABOVE CEILING WITH H.C. AND P.C. PRIOR TO ROUGH-IN TO ACCOMMODATE ALL NEW DUCT WORK AND PLUMBING. IF REQUIRED, RELOCATE ANY EXISTING CONDUIT/BRANCH CIRCUITS TO ACCOMMODATE HVAC AND PLUMBING.
24. PROVIDE EXTERIOR MOUNTED WEATHERPROOF FIRE ALARM AUDIO/VISUAL DEVICE ON THE OUTSIDE OF THE BUILDING AT LOCATION(S) DIRECTED BY THE LOCAL FIRE DEPARTMENT, COR, AND ARCHITECT. REFER TO SPEC SECTION 28 31 00.
25. WHERE CONDUITS ARE EXPOSED, THEY SHALL BE MOUNTED TIGHT TO THE CEILING STRUCTURE IN CORNERS AND PAINTED TO MATCH WALL SURFACES.
26. REFER TO MOTOR STARTER SCHEDULE ON SHEET E300 FOR MOTOR CHARACTERISTICS, WIRE SIZES AND CONNECTION REQUIREMENTS.
27. REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY DEVICES, TECHNOLOGY ROUGH-INS, SECURITY ROUGH-INS, EQUIPMENT LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
28. REFER TO TECHNOLOGY LEGEND FOR DIV. 26 REQUIREMENTS FOR TECHNOLOGY DEVICES.

ELECTRICAL SYMBOLS

3 3	DASH SYMBOL INDICATES PARTICULAR OUTLET OR DEVICE TO BE REMOVED AND CIRCUITRY MADE CONTINUOUS WHERE REQUIRED.
3 3	EXISTING OUTLET OR DEVICE TO REMAIN. MAINTAIN EXISTING CIRCUITING.
	SQUARE DEVICE INDICATES A CONNECTION TO CRITICAL POWER. SPECIFICATION IS SAME AS RESPECTIVE ROUND DEVICE.
	ELECTRICAL CONNECTION.
TP	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE). WHEN Ⓣ SHOWN, RECEPTACLE TO HAVE "CONTROLLED" MARKINGS.
	20A-125V SINGLE RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE).
	SPECIAL PURPOSE RECEPTACLE. REFER TO NOTE ON PLAN.
	20A-125V DOUBLE DUPLEX RECEPTACLE. NEMA 5-20R, (18" MH UNLESS NOTED OTHERWISE) TWO GANG ASSEMBLY.
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R WITH BOTTOM OUTLET CONTROLLED BY WALL SWITCH. (18" MH UNLESS NOTED OTHERWISE).
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (46" MH UNLESS NOTED OTHERWISE).
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R WITH 2 INTEGRAL USB CHARGERS (18" MH UNLESS NOTED OTHERWISE).
GF	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE).
WP	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R (HORIZONTAL 18" MH UNLESS NOTED OTHERWISE) WITH TAYMAC #MM420G EXTRA DUTY GRAY COVER, VERTICAL MOUNT.
WP/GF	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE), WITH TAYMAC #MM420G EXTRA DUTY GRAY COVER, VERTICAL MOUNT.
	20A-125V POWERLOCK GROUNDING TYPE RECEPTACLE, HOSPITAL USE (66" MH UNLESS NOTED OTHERWISE).
	20A-125V DUPLEX PEDESTAL TYPE FLOOR RECEPTACLE, NEMA 5-20R, IN HUBBELL BA-2527 FLOOR BOX WITH SA-2525 COVERPLATE AND SC-3091 HOUSING. PROVIDE CARPET FLANGE WHERE REQUIRED.
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, IN HUBBELL BA-2527 FLUSH FLOOR BOX WITH ROUND SA-3925 COVERPLATE. PROVIDE CARPET FLANGE WHERE REQUIRED.
IG	20-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH ISOLATED GROUND (18" MH UNLESS NOTED OTHERWISE).
20A	20A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-20R (18" MH UNLESS NOTED OTHERWISE).
30A	30A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-30R (18" MH UNLESS NOTED OTHERWISE).
50A	50A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-50R (18" MH UNLESS NOTED OTHERWISE).
20A	20A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-20R (18" MH UNLESS NOTED OTHERWISE).
30A	30A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-30R (18" MH UNLESS NOTED OTHERWISE).
50A	50A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-50R (18" MH UNLESS NOTED OTHERWISE).
J J	JUNCTION BOX. SQUARE DEVICE INDICATES A CONNECTION TO CRITICAL POWER.
	MULTI-OUTLET RECEPTACLES ASSEMBLY, NEMA 5-15R (SINGLE OUTLETS ON 18" CENTERS) (46" MH UNLESS NOTED OTHERWISE).
	WIREMOLD RACEWAY, AS NOTED ON PLANS.
C	CLOCK HANGER OUTLET, SINGLE NEMA 5-15R RECESSED IN COVER PLATE (84" MH UNLESS NOTED OTHERWISE).
$	SINGLE POLE SWITCH (46" MH UNLESS NOTED OTHERWISE).
2 $	TWO POLE WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
# $	MULTI-WAY WALL SWITCH, # INDICATES NUMBER OF WAYS (46" MH UNLESS NOTED OTHERWISE).
P $	SWITCH WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).
K $	KEY OPERATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
L $	LOW-VOLTAGE MOMENTARY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
DM $	LIGHTING DIMMER SWITCH (46" MH UNLESS NOTED OTHERWISE) 1000 WATTS UNLESS OTHERWISE INDICATED.
R $	SWITCH WITH RECEPTACLE (46" MH UNLESS NOTED OTHERWISE) STANDARD TWO-GANG ASSEMBLY OF SWITCH AND RECEPTACLE.
M $	FLUSH FRACTIONAL HORSEPOWER MOTOR STARTER WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).
H $	HP RATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
	ELECTRICAL PANEL OR SWITCHBOARD PER DRAWINGS.
P/B	PULL BOX.
J	DISCONNECT SWITCH.
	MOTOR STARTER.
J	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH.
	ELECTRIC MOTOR.
UH	UNIT HEATER.
FC	FAN COIL.
AC	AIR CONDITIONER.
CU	CONDENSING UNIT.
UV	UNIT VENTILATOR.
CR	CORD REEL.
PP	POWER POLE.
T	LINE VOLTAGE THERMOSTAT.
H DH	DUCT HEATER.
H EB	ELECTRIC BASEBOARD HEATER.
M	INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE).
I	INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE).
H	INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE).
S	INTERCOM SPEAKER FLUSH MOUNT IN CEILING.
	PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE) EDWARDS 852 (120 VOLT).
V	BUZZER (90" MH UNLESS NOTED OTHERWISE) EDWARDS 340-A (120 VOLT).
P	4" DIAMETER (90" MH UNLESS NOTED OTHERWISE) EDWARDS "ADAPTABEL" (120 VOLT).
	ELAPSED TIME INDICATOR CLOCK (90" MH UNLESS NOTED OTHERWISE) WITH RESET SWITCH (46" MH UNLESS NOTED OTHERWISE).
PC	PHOTOELECTRIC SENSOR.
LC	LIGHTING CONTACTOR.
OS	CEILING MOUNTED OCCUPANCY SENSOR.
OS	WALL MOUNTED OCCUPANCY SENSOR.
VS	CEILING MOUNTED VACANCY SENSOR.
VS	WALL MOUNTED VACANCY SENSOR.
DS	CEILING MOUNTED DAYLIGHT SENSOR.
OP	OCCUPANCY SENSOR POWER PACK.

FIRE ALARM SYMBOLS

FACP	FIRE ALARM CONTROL PANEL.
RAP	REMOTE ANNUNCIATOR PANEL.
NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL.
ASSD	AIR SAMPLING SMOKE DETECTOR BASE UNIT.
15 F	FIRE ALARM SPEAKER & SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
15 F	FIRE ALARM BELL & SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
15 F	FIRE ALARM CHIME & SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
15 F	FIRE ALARM HORN & SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
F W	FIRE ALARM BELL (88" AFF UNLESS NOTED OTHERWISE). SUBSCRIPT "W" INDICATES EXTERIOR WEATHERPROOF UNIT.
15 F	FIRE ALARM SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
S 15 F	CEILING MOUNTED FIRE ALARM SPEAKER & SIGNAL LIGHT. # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
S 15 F	CEILING MOUNTED FIRE ALARM HORN & SIGNAL LIGHT. # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
S 15 F	CEILING MOUNTED FIRE ALARM SIGNAL LIGHT. # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
S F	CEILING MOUNTED FIRE ALARM SPEAKER.
S R	SURFACE MOUNTED FIRE ALARM SPEAKER (88" AFF). SUBSCRIPT "R" INDICATES RECESSED MOUNTING.
F K	FIRE ALARM MANUAL STATION (46" MH UNLESS NOTED OTHERWISE). SUBSCRIPT "K" INDICATES KEY OPERATED.
S	CEILING MOUNTED SMOKE DETECTOR.
H	CEILING MOUNTED HEAT DETECTOR.
S S/R	DUCT MOUNTED SMOKE DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. SUBSCRIPT "R" INDICATES RETURN.
H S/R	DUCT MOUNTED HEAT DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. SUBSCRIPT "R" INDICATES RETURN.
B T/R	BEAM DETECTOR. SUBSCRIPT "T" INDICATES TRANSMITTER FUNCTION. SUBSCRIPT "R" INDICATES RECEIVER FUNCTION.
D	ELECTRIC RELEASE DOOR CLOSER.
D	ELECTRO-MAGNETIC DOOR HOLDER.
FS	WATER FLOW SWITCH.
V	VALVE SUPERVISORY SWITCH.
W R	CEILING MOUNTED REMOTE TEST STATION AND ALARM INDICATOR LIGHT FOR DUCT DETECTOR. SUBSCRIPT "W" INDICATES WALL MOUNTED.
SD	SMOKE DAMPER.
FT	FIRE FIGHTER'S TELEPHONE (60" MH UNLESS NOTED OTHERWISE).
PS	PRESSURE SWITCH.
AM C/I	ADDRESSABLE MODULE. SUBSCRIPT "I" INDICATES INPUT. SUBSCRIPT "C" INDICATES CONTROL.
PIV	POST INDICATOR VALVE.
KX S	KNOX BOX (46" MH UNLESS NOTED OTHERWISE). SUBSCRIPT "S" INDICATES SUPERVISED UNIT.
A	AIR SAMPLING SMOKE DETECTOR SAMPLING PORT.

LUMINAIRE SYMBOLS

A a	LIGHTING FIXTURE. CAPITAL LETTER DENOTES FIXTURE TYPE, LOWER CASE LETTER DENOTES SWITCHING ARRANGEMENT.
	LIGHTING FIXTURE ON NIGHT LIGHT OR EMERGENCY CIRCUIT.
	EXIT LIGHTING FIXTURE, ARROWS AS INDICATED.

ABBREVIATIONS

AAP	- AREA ALARM PANEL - MEDICAL GAS
ACC	- ACCESS
ADJ	- ADJUSTABLE
AF	- ARC FAULT CIRCUIT INTERRUPTER
AFCI	- ARC FAULT CIRCUIT INTERRUPTER
AFF	- ABOVE FINISHED FLOOR TO BOTTOM OF ITEM
AFG	- ABOVE FINISHED GRADE TO BOTTOM OF ITEM
ALT	- ALTERNATE
AP	- ACCESS PANEL
APPROX	- APPROXIMATE
ARCH	- ARCHITECT OR ARCHITECTURAL
ASSY	- ASSEMBLY
ATS	- AUTOMATIC TRANSFER SWITCH
BLDG	- BUILDING
BOE	- BOTTOM OF EQUIPMENT
BOT	- BOTTOM
BTWN	- BETWEEN
CFCI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CKT	- CIRCUIT
CLG	- CEILING
CMU	- CONCRETE MASONRY UNIT
CONN	- CONNECT OR CONNECTION
CONTR	- CONTRACTOR
CORR	- CORRIDOR
CTR	- CENTER
D	- DEPTH
DET	- DETAIL
DIA	- DIAMETER
DIM	- DIMENSION
DIV	- DIVISION
DN	- DOWN
DWG	- DRAWING
EA	- EACH
EC	- ELECTRICAL (DIVISION 26)
EJ	- EXPANSION JOINT
ELEC	- ELECTRICAL
ELEV	- ELEVATION OR ELEVATOR
EM	- EMERGENCY
EQ	- EQUAL
EQS	- EQUIPMENT SUPPLIER
EQUIP	- EQUIPMENT
E/R	- EXISTING TO BE RELOCATED
EX	- EXISTING TO REMAIN
EXP	- EXPANSION
EXT	- EXTERIOR
FCE	- FIRE CONTROL EQUIPMENT
FF	- FINISHED FLOOR ELEVATION
FLR	- FLOOR
FSC	- FIRE SUPPRESSION (DIVISION 21)
FT	- FEET
FTG	- FOOTING
GC	- GENERAL TRADES (DIVISION 01)
GF	- GROUND FAULT CIRCUIT INTERRUPTER
GFCI	- GROUND FAULT CIRCUIT INTERRUPTER OR GOVERNMENT FURNISHED CONTRACTOR INSTALLED
GFFT	- GROUND FAULT FEED THRU
HC	- HVAC (DIVISION 23)
HP	- HORSE POWER OR HIGH POINT
HVAC	- HEATING, VENTILATING, AND AIR CONDITIONING
ID	- INSIDE DIAMETER
IN	- INCHES
KEC	- KITCHEN EQUIPMENT CONTRACTOR
L	- LENGTH
LBS	- POUNDS
MAP	- MASTER ALARM PANEL (MEDICAL GAS)
MAX	- MAXIMUM
MEZZ	- MEZZANINE
MFR	- MANUFACTURER
MH	- MANHOLE OR MOUNTING HEIGHT TO CENTER LINE OF ITEM
MIN	- MINIMUM OR MINUTE
MISC	- MISCELLANEOUS
MTD	- MOUNTED
MTG	- MOUNTING
NIC	- NOT IN CONTRACT
NOM	- NOMINAL
NTS	- NOT TO SCALE
OD	- OUTSIDE DIAMETER
OFCI	- OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	- OWNER FURNISHED OWNER INSTALLED
PC	- PLUMBING (DIVISION 22)
PLBG	- PLUMBING
RAD	- RADIUS
REC	- RECESSED
REQD	- REQUIRED
RI	- ROUGH-IN
S	- SURFACE MOUNTED
SC	- SECURITY (DIVISION 28)
SCH	- SCHEDULE
SHT	- SHEET
SMS	- SECURITY MANAGEMENT SYSTEM
SPEC	- SPECIFICATIONS
SQ	- SQUARE
SS	- STAINLESS STEEL
STD	- STANDARD
STRUC	- STRUCTURAL OR STRUCTURE
SUC	- SITE UTILITY CONTRACTOR
TC	- TECHNOLOGY CONTRACTOR
TEMP	- TEMPERATURE
TOE	- TOP OF EQUIPMENT
TYP	- TYPICAL
UNO	- UNLESS NOTED OTHERWISE
VFD	- VARIABLE FREQUENCY DRIVE
VOL	- VOLUME
W/	- WITH
W/O	- WITHOUT
WC	- WATER COOLER
WP	- WEATHERPROOF
ZVC	- ZONE VALVE CABINET

GENERAL FLOOR PLAN NOTES

B E2	DETAIL: B = DETAIL DESIGNATION E2 = SHEET WHERE DETAIL IS LOCATED
1 E2	SECTION: 1 = SECTION DESIGNATION E2 = SHEET WHERE SECTION IS LOCATED
T2 1	ELEVATION: 1 = ELEVATION DESIGNATION T2 = SHEET WHERE ELEVATION IS LOCATED
3	PLAN NOTE. APPLIES ONLY TO THE SHEET WHICH IT IS SHOWN.
3	DETAIL NOTE. APPLIES ONLY TO THE ASSOCIATED DETAIL.
3	LIGHTING CONTROL DETAIL NOTE. APPLIES TO THE LIGHTING CONTROL SEQUENCE OF OPERATIONS SCHEDULE FOR ROOM CONTROL.
0	DEVICE QUANTITY - POWER NOTE. REFER TO DEVICE QUANTITIES - POWER SCHEDULE.
	LADDER TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	CABLE TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
4	WIRE & CONDUIT IN WALL OR ABOVE CEILING.
4	WIRE & CONDUIT IN OR BELOW SLAB OR GRADE.
4	CONDUIT TO BE REMOVED.
EX	EXISTING WIRE & CONDUIT TO REMAIN.
DAT	CONDUIT FOR DATA CIRCUITRY.
EM	WIRE & CONDUIT FOR EMERGENCY CIRCUITRY.
FA	WIRE & CONDUIT FOR FIRE ALARM CIRCUITRY.
IC	WIRE & CONDUIT FOR INTERCOM SYSTEM CIRCUITRY.
NC	WIRE & CONDUIT FOR NURSE CALL CIRCUITRY.
NL	WIRE & CONDUIT FOR NIGHT LIGHT CIRCUITRY.
PHC	CONDUIT FOR PHONE CIRCUITRY.
SS	WIRE & CONDUIT FOR SOUND SYSTEM CIRCUITRY.
SEC	WIRE & CONDUIT FOR SECURITY SYSTEM CIRCUITRY.
TV	WIRE & CONDUIT FOR TELEVISION SYSTEM CIRCUITRY.
W	WIRE RUN IN SURFACE WIREWAY.
CM	CABLE MANAGEMENT SYSTEM PATHWAY.
X - 1,2	EACH ARROWHEAD REPRESENTS ONE COMPLETE CIRCUIT; "X" DENOTES PANEL NAME; NUMBER(S) DENOTES CIRCUIT(S).

NOTE:
ALL SYMBOLS AND ABBREVIATIONS ARE SUBJECT TO MODIFICATIONS ON OTHER DRAWINGS.
ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW J. GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: ABBREVIATIONS, LEGEND & GENERAL NOTES	Phase: BID DOCUMENTS	Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER	Project Number: 621-24-103
			Building Number: 35
Approved: VAMC	FULLY SPRINKLERED	Location: MT. HOME, TENNESSEE	Drawing Number: E001
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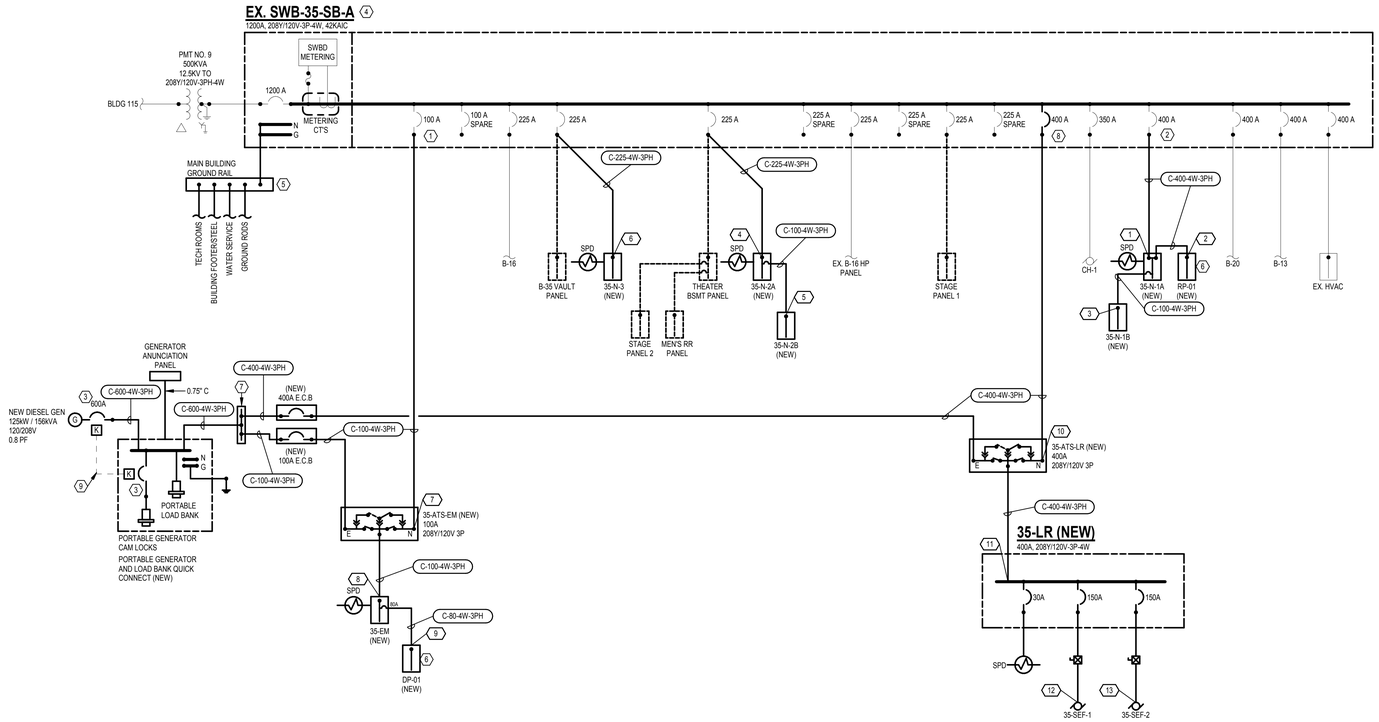

1 **ELECTRICAL SINGLE LINE**
SCALE: NONE

SINGLE LINE NOTES

1. UTILIZE SPARE 100A CIRCUIT BREAKER.
2. UTILIZE SPARE 400A CIRCUIT BREAKER.
3. BREAKER SHALL BE ELECTRONIC TRIP W/LSI SETTING FOR COORDINATION.
4. EXISTING SWITCHBOARD IS SERVICE ENTRANCE RATED.
5. EXISTING GROUNDING ELECTRODE CONDUCTOR.
6. THEATER SYSTEMS PROVIDER TO PROVIDE PANEL. REFER TO THEATER SYSTEMS PACKAGE FOR PANEL SCHEDULE.
7. PROVIDE FEEDER TAPPING WIREWAY IN ELECTRICAL ROOM.
8. PROVIDE NEW 400A BREAKER. MATCH AIC VALUE OF EXISTING BREAKER OR SWITCHBOARD.
9. PROVIDE KIRK KEY INTERLOCK.

FEEDER WIRE SIZES

FEEDER TAG	# OF SETS	# OF CONDUCTORS	CONDUCTOR SIZE	GROUND SIZE	CONDUIT SIZE
C 80 4W 3PH	1	4	3	8	1.5"
C 100 4W 3PH	1	4	1	8	1.5"
C 225 4W 3PH	1	4	4/0	4	2.5"
C 400 4W 3PH	1	4	600	3	4"
C 600 4W 3PH	2	4	350	1/0	3"

FAULT CURRENT SCHEDULE

REF. POINT	DESCRIPTION	MIN. EQUIP. RATING (kAIC)	AVAILABLE SHORT CIRCUIT AMPS
1	35-N-1A	10	9933
2	RP-01	10	9380
3	35-N-1B	10	9719
4	35-N-2A	10	9110
5	35-N-2B	10	4926
6	35-N-3	22	11072
7	35-ATS-EM	10	8290
8	35-EM	10	7925
9	DP-01	10	6060
10	35-ATS-LR	22	10297
11	35-LR	22	10142
12	35-SEF-1	10	7707
13	35-SEF-2	10	7707

FAULT CURRENT OF SWB-35-SB-A: 11.452kA
SOURCE: VAMC MOUNTAIN HOME ARC FLASH STUDY DECEMBER 2019

ELECTRICAL SINGLE-LINE LEGEND

	CONDUIT & WIRE
	CONDUIT & WIRE TO BE REMOVED
	EXISTING CONDUIT & WIRE TO REMAIN
	INTEGRATED EQUIPMENT ENCLOSURE
	SWITCHBOARD ENCLOSURE
	BUSSING
#	FAULT CURRENT REFERENCE POINT
	FEEDER WIRE SIZE SYMBOL SPECIAL CONFIGURATION: 2P=TWO POLE NO NEUTRAL, S=SECONDARY, SE=SERVICE ENTRANCE, V=VOLTAGE DROP # OF PHASES # OF CONDUCTORS FEEDER AMPERAGE MATERIAL, A=ALUMINUM, C=COPPER
	AUTOMATIC TRANSFER SWITCH
	AUTOMATIC TRANSFER SWITCH - BYPASS
	DELTA SYMBOL
	DISCONNECT
	EQUIPMENT CURRENT TRANSFORMER
	EQUIPMENT GROUND
	EQUIPMENT POTENTIAL TRANSFORMER
SWBD METERING	EQUIPMENT SWITCHBOARD METER
	EQUIPMENT WYE SIDE OF TRANSFORMER WITH GROUND
	FUSED CUTOUT
	FUSED SWITCH - PRIMARY
	FUSED SWITCH - SECONDARY
G	GENERATOR
GFP	GROUND FAULT PROTECTOR
K	KEYED INTERLOCK
	MOTOR
	MOTOR STARTER
	MOTOR STARTER AND DISCONNECT
	PANELBOARD - MAIN LUG ONLY
	PANELBOARD - DOUBLE SET OF LUGS
	PANELBOARD - MAIN BREAKER
	PANELBOARD BREAKER
	SINGLE POLE SWITCH
	SURGE PROTECTIVE DEVICE
	TRANSFORMER
	VOLTAGE TERMINATION - PRIMARY
● OR •	VOLTAGE TERMINATION - SECONDARY

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
FFE | HEAPY
PROJECT NO. 2024-05141

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JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: SINGLE LINE
Approved: VAMC
Phase: BID DOCUMENTS
FULLY SPRINKLERED
Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER
Location: MT. HOME, TENNESSEE
Issue Date: 07/01/2025
Checked: MSG
Drawn: SAP
Project Number: 621-24-103
Building Number: 35
Drawing Number: E002

VA FORM 08 - 6231

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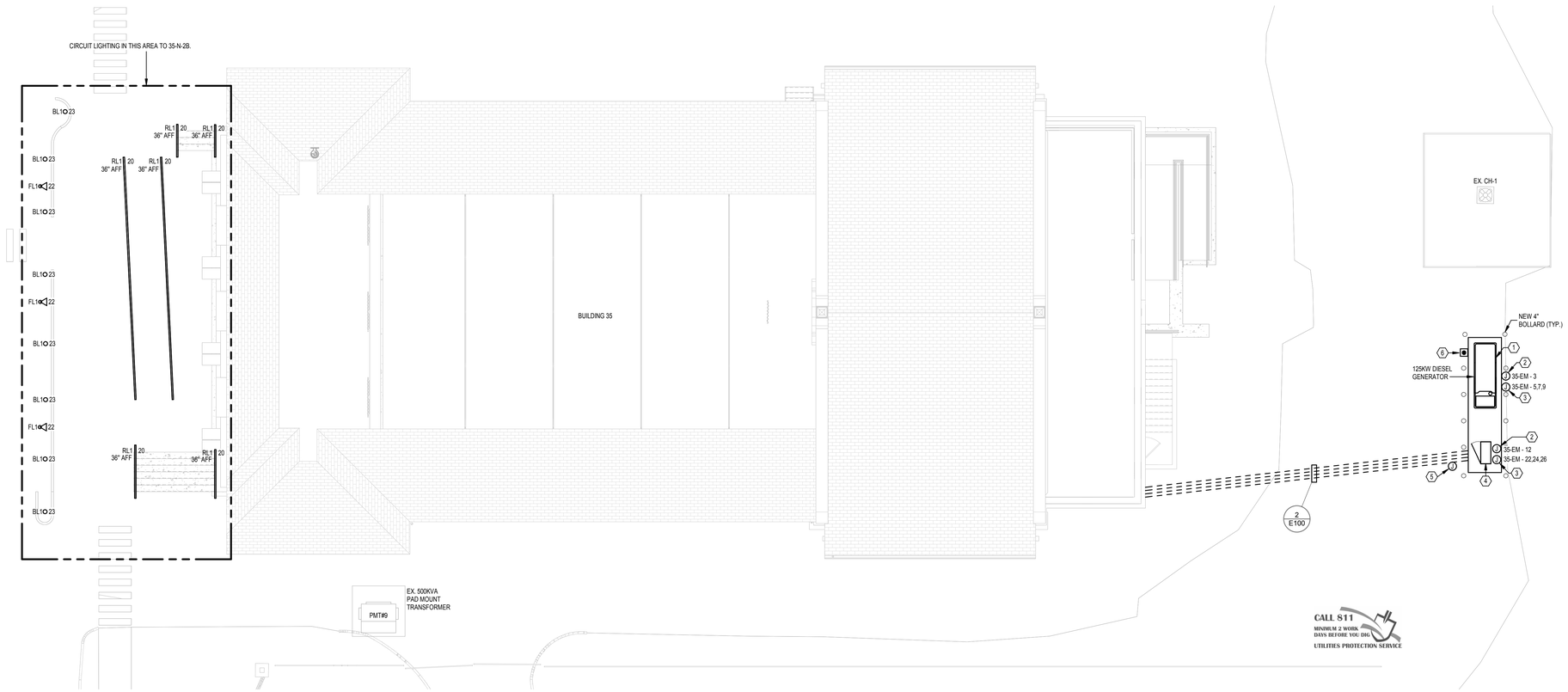
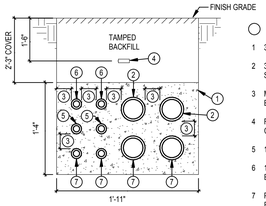


1 ELECTRICAL SITE PLAN

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

PLAN NOTES

1. PROVIDE 24-HOUR SUB-BASE FUEL TANK.
2. PROVIDE 120V 1PH - 20A CIRCUIT WITH (2) #12 & (1) #12 GRD. IN 1" CONDUIT TO BATTERY CHARGER.
3. PROVIDE 208V/3PH 3PH - 30A CIRCUIT WITH (4) #8 & (1) #10 GRD. IN 1" CONDUIT TO BLOCK HEATER.
4. PROVIDE PORTABLE GENERATOR DOCKING STATION WITH LOAD BANK CAM LOCKS, LOAD BANK DUMP CIRCUITRY, BATTERY CHARGER AND BLOCK HEATER CONNECTIONS, PHASE ROTATION MONITORING, ETC.
5. FIRE ALARM SYSTEM MODULES. CONNECT TO SUPERVISORY OUTPUTS IN CONTROL PANEL FOR "GENERATOR RUN SUMMARY", "BATTERY", "PERMANENT SOURCE DISCONNECTED", AND "GENERATOR TROUBLE ALARMS". RUN WIRING UNDERGROUND IN 1" C AND TIE INTO FIRE ALARM SYSTEM ACCORDINGLY.
6. PROVIDE MUSHROOM EMERGENCY STOP BUTTON AT GENERATOR WITH WEATHERPROOF COVER.

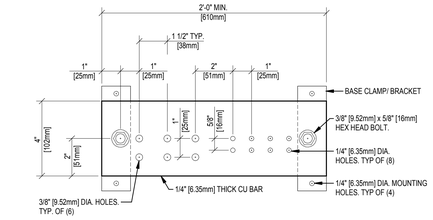


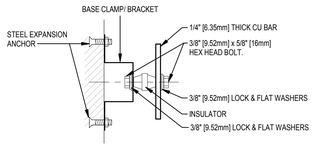
DETAIL NOTES

1. 3000 LB. CONCRETE.
2. 3" I.D. DUCTS, SCHEDULE 40 PVC FOR GENERATOR / DOCKING STATION FEEDER.
3. MIN. 3" SPACING BETWEEN CONDUITS AND MIN. 3" ENCASEMENT (TYPICAL). PROVIDE CONDUIT SPACERS 6'-0" O.C.
4. RED DYE, RED DUST OR YELLOW MARKER TAPE ON COMPACTED FILL.
5. 1" CONDUITS, SCHEDULE 40 PVC FOR CONTROLS WIRING.
6. 1" CONDUITS, SCHEDULE 40 PVC FOR BLOCK HEATERS AND BATTERY CHARGERS.
7. PROVIDE SPARE CONDUIT. CAP CONDUIT UPON ENTERING BUILDING.

2 UNDERGROUND DUCTS

NTS



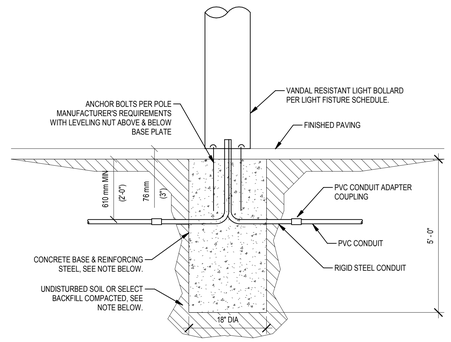


DETAIL NOTES

1. ALL HARDWARE SHALL BE STAINLESS STEEL.
2. PROVIDE ONE MOUNTING POINT PER 12" [305mm] OF BAR LENGTH.
3. HOLES MAYBE ADDED IF REQUIRED.

3 GROUNDING BAR DETAILS

NTS



4 BOLLARD BASE DETAIL - PAVED AREAS

NTS

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

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PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW J. GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SITE PLAN

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025

Checked: MSG

Drawn: SAP

Project Number: 621-24-103

Building Number: 35

Drawing Number: E100

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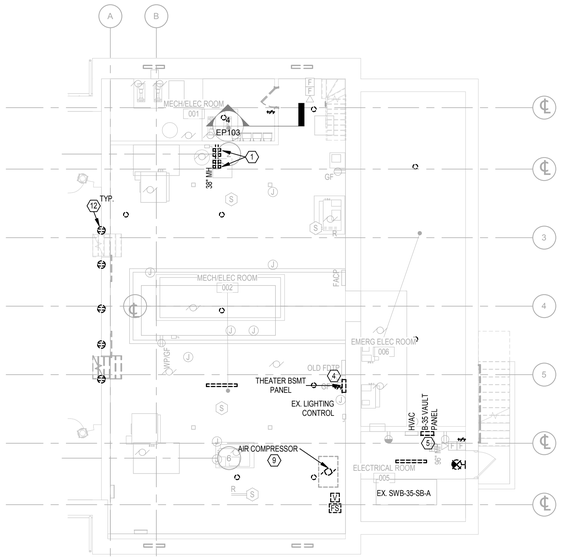
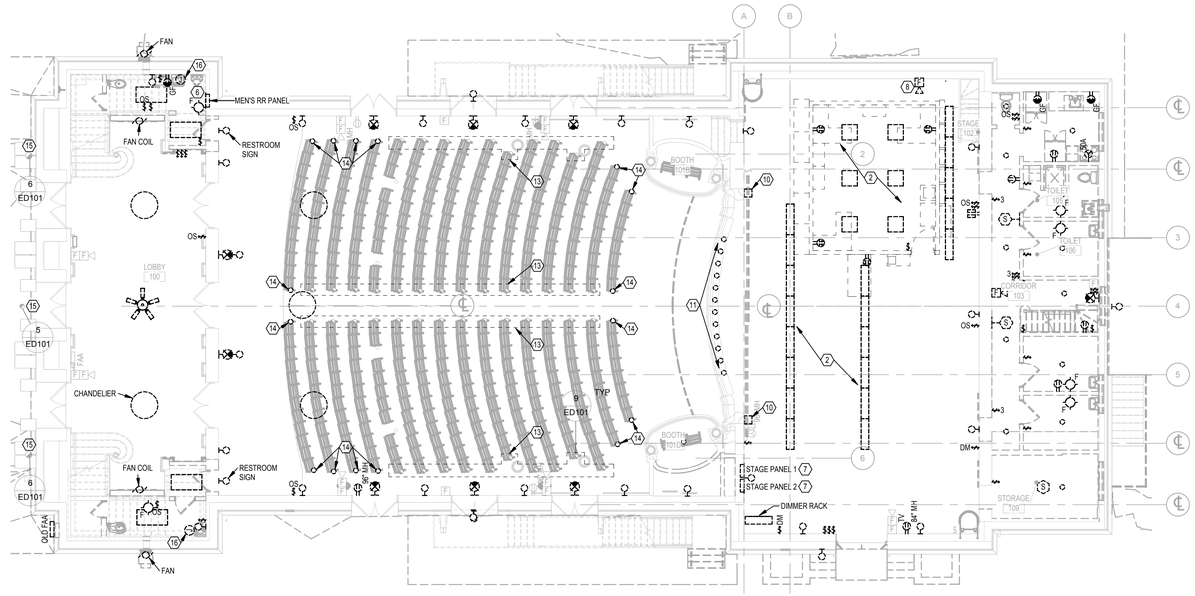


1 **ELECTRICAL BASEMENT DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"



2 **ELECTRICAL FIRST FLOOR DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

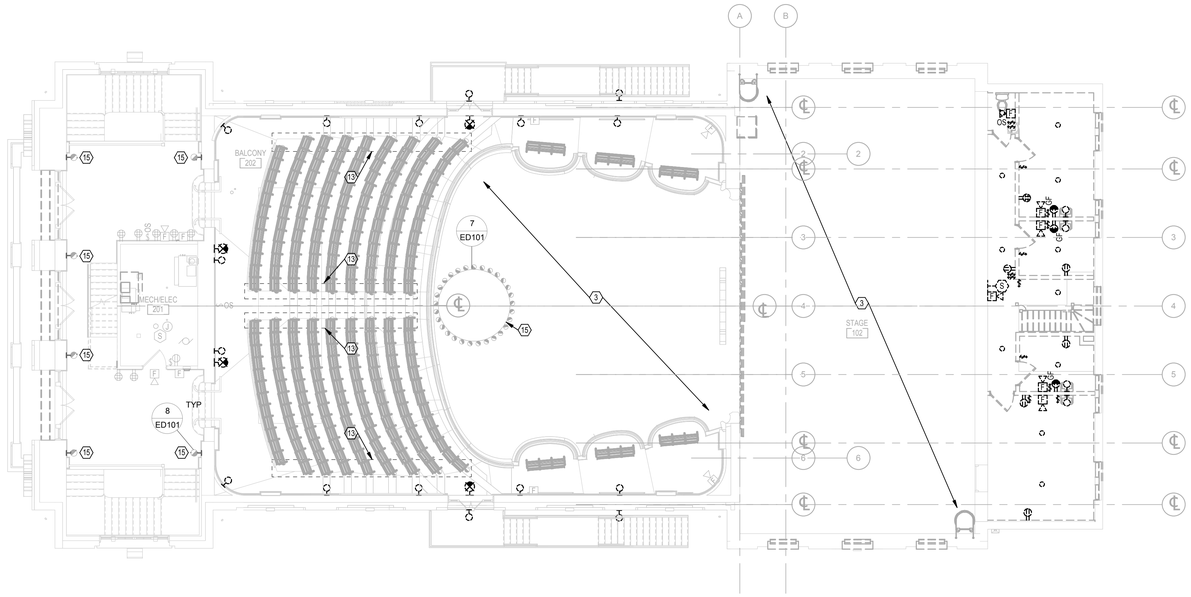
5 **EXTERIOR DOWNLIGHT**
SCALE: 12" = 1'-0"

6 **HISTORIC EXTERIOR SCONCE**
SCALE: 12" = 1'-0"

7 **HISTORIC AUDITORIUM CEILING FIXTURE**

8 **HISTORIC SCONCE**
SCALE: 12" = 1'-0"

9 **CHAIR AISLE LIGHT HOUSING**
SCALE: 12" = 1'-0"



3 **ELECTRICAL BALCONY AND SECOND FLOOR DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. REMOVAL PLANS MAY NOT NECESSARILY SHOW ALL ITEMS REQUIRED TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY OF EXISTING CIRCUITS CUT OFF BY REMOVALS. VERIFY CIRCUITS PRIOR TO REMOVALS.

B. ON FLOORS WITH HVAC AND PLUMBING EQUIPMENT, DISCONNECT ELECTRICAL SOURCE TO EQUIPMENT AND REMOVE FEEDER BACK TO SOURCE. HVAC AND PLUMBING EQUIPMENT REMOVAL BY RESPECTIVE CONTRACTORS.

C. REFER TO ARCHITECTURAL PLANS FOR EXISTING TO REMAIN LIGHT FIXTURES. ALL EXISTING TO REMAIN FIXTURES ARE TO BE RELAMPED WITH LED BULBS.

PLAN NOTES

1. IT RECEPTACLES TO BE REMOVED ONLY AFTER NEW TR RACK IS OPERATIONAL. COORDINATE CLOSELY WITH DIV 27. REFER TO TECHNOLOGY SHEET TD101 FOR DETAILS.
2. TEMPORARY OFFICE/STAGE LIGHTING AND POWER DEVICES TO BE REMOVED. REMOVE FIXTURE(S) AND ASSOCIATED WIRING BACK TO SOURCE OR LAST ACTIVE DEVICE.
3. AREA OPEN TO SPACE BELOW. WORK FOR THIS AREA SHOWN ON FIRST FLOOR PLAN.
4. EXISTING CIRCUITS TO BE MOVED TO PANEL 35-N-2A. REFER TO NEW WORK PLANS.
5. EXISTING CIRCUITS TO BE MOVED TO PANEL 35-N-3. REFER TO NEW WORK PLANS.
6. EXISTING CIRCUITS TO BE MOVED TO PANEL 35-N-2B. REFER TO NEW WORK PLANS.
7. EXISTING CIRCUITS TO BE MOVED TO PANEL 35-N-1A. REFER TO NEW WORK PLANS.
8. EXISTING FIRE ALARM DEVICE TO BE REMOVED AND RELOCATED. REFER TO NEW WORK PLANS FOR NEW LOCATION.
9. DRY-PIPE COMPRESSOR TO BE REMOVED. REMOVE CIRCUITRY BACK TO SOURCE.
10. VERTICAL LIGHTING FIXTURES ALONG EDGE OF STAGE TO BE REMOVED.
11. ANTIQUATED FOOTLIGHTS ALONG PROSCENIUM OPENING TO BE REMOVED.
12. CEILING RECEPTACLES UNDER STAGE IN ORCHESTRA PIT TO BE REMOVED.
13. AISLE LIGHTING FOUND IN CHAIRS ARE EXISTING TO REMAIN. BULBS ARE TO BE REMOVED AND REPLACED WITH DIMMABLE LED BULBS. CIRCUITRY IS TO BE REMOVED AND REPLACED WITH NEW. TYPICAL ALL CHAIRS AT END OF AISLE.
14. AISLE LIGHTING AND CIRCUITRY IN CHAIRS BEING REMOVED AT END OF AISLE ARE TO BE REMOVED.
15. LIGHT FIXTURE IS EXISTING TO REMAIN. BULBS ARE TO BE REMOVED AND REPLACED WITH DIMMABLE LED BULBS. CIRCUITRY IS TO BE REMOVED AND REPLACED WITH NEW. REFER TO NEW WORK PLANS FOR MORE DETAILS.
16. EXISTING POINT OF USE WATER HEATER TO BE REMOVED. REMOVE CIRCUITRY BACK TO SOURCE.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

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ARCHITECT/ENGINEER OF RECORD
FFE | HEAPY
PROJECT NO. 2024-05141

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JAMES H. QUILLEN VA MEDICAL CENTER
VA U.S. Department of Veterans Affairs

Drawing Title	DEMOLITION PLANS
Phase	BID DOCUMENTS
Project Title	RESTORATION OF BUILDING 35 HISTORIC THEATER
Project Number	621-24-103
Building Number	35
Approved: VAMC	FULLY SPRINKLERED
Location	MT. HOME, TENNESSEE
Issue Date	07/01/2025
Checked	MSG
Drawn	SAP
Drawing Number	ED101

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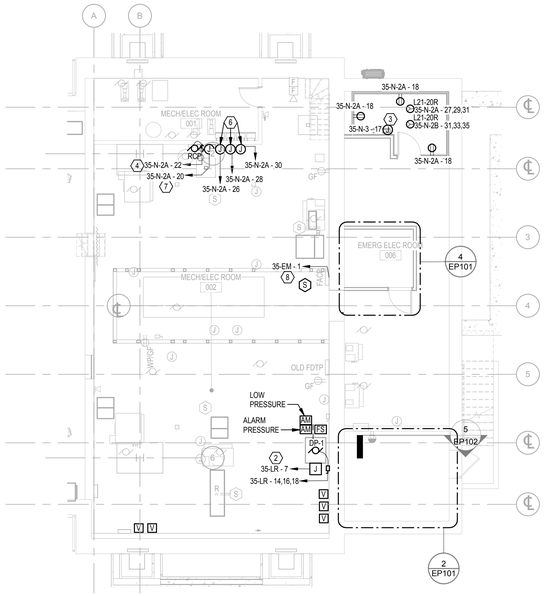
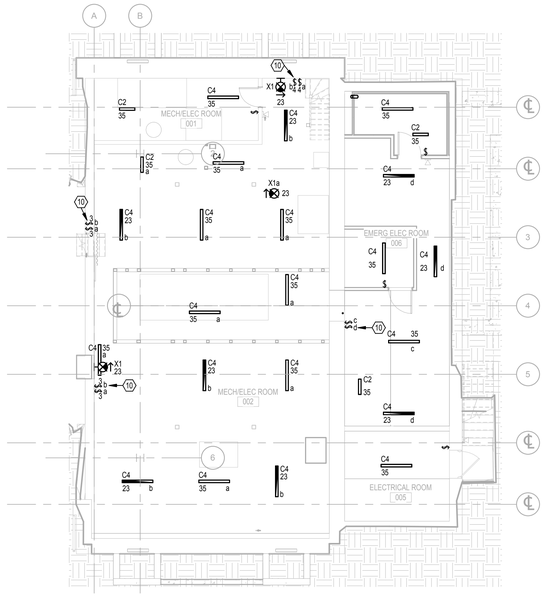


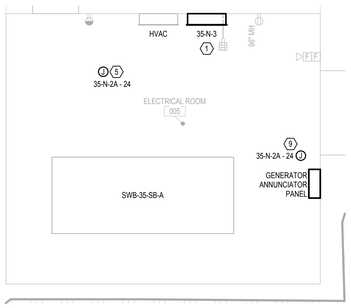
1 POWER & SYSTEMS PLAN - BASEMENT - NEW WORK

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



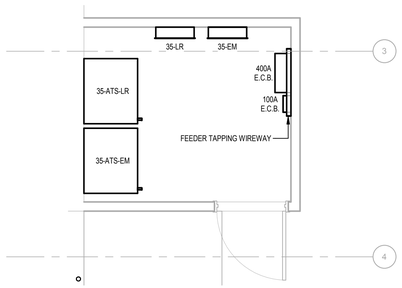
3 LIGHTING PLAN - BASEMENT - NEW WORK

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



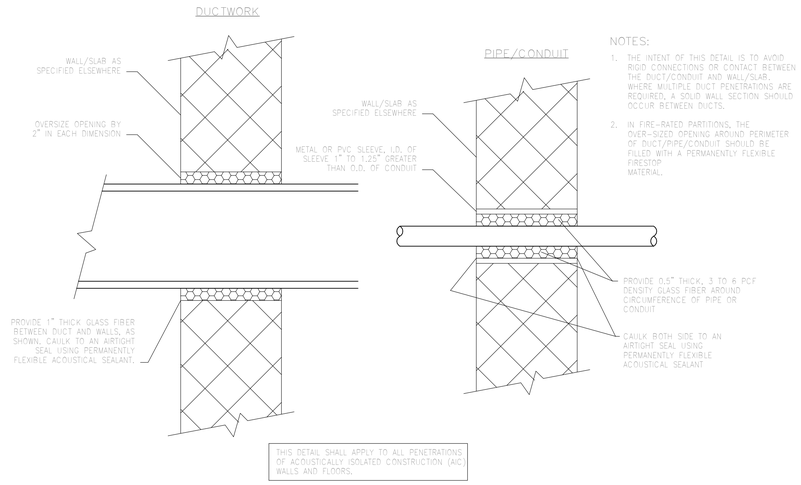
2 ENLARGED ELECTRICAL ROOM

SCALE: 3/8" = 1'-0"



4 ENLARGED EMERGENCY ELECTRICAL ROOM

SCALE: 3/8" = 1'-0"



A DUCT/PIPE/CONDUIT PENETRATIONS

SCALE: NONE

GENERAL NOTES

A. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES HALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.

B. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

C. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

D. UNLESS STATED OTHERWISE, CIRCUIT ALL LIGHTING IN BASEMENT AS FOLLOWS:
   a. NORMAL: 35-N-1A
   b. EMERGENCY: 35-EM

PLAN NOTES

1. WIRE EXISTING CIRCUITS FROM OLD B35 VAULT PANEL TO PANEL 35-N-3.
2. PROVIDE 120V-20A POWER TO NITROGEN GENERATOR.
3. PROVIDE POWER TO PACS SYSTEM.
4. PROVIDE 120V-20A POWER TO DHW RECIRC PUMP. COORDINATE LOCATION WITH DIV 22.
5. PROVIDE 120V-20A POWER TO WATER DETECTION SENSOR IN DRAIN PAN. COORDINATE LOCATION WITH DIV 22.
6. PROVIDE 120V/1PH POWER TO FOR (2)-20A AND (1)-30A CIRCUITS AT HEAT TRACE CONTROLLER. COORDINATE LOCATION WITH DIV 22.
7. PROVIDE 120V-20A POWER TO LEAK DETECTION CONTROL PANEL. COORDINATE LOCATION WITH DIV 22.
8. REWIRE/REFEED EXISTING POWER CIRCUIT SERVING EXISTING FACP TO NEW EMERGENCY PANEL. PROVIDE CIRCUIT AS INDICATED.
9. PROVIDE 120V-20A POWER TO WATER DETECTION SENSOR ON FLOOR NEAR DOOR. COORDINATE LOCATION WITH DIV 22.
10. PROVIDE UL924 RELAY FOR LIFE SAFETY LIGHT CONTROLS.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

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PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW J. GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BASEMENT NEW WORK PLANS	BID DOCUMENTS	RESTORATION OF BUILDING 35 HISTORIC THEATER	621-24-103
			Building Number: 35
Approved: VAMC	FULLY SPRINKLERED	Location: MT. HOME, TENNESSEE	Drawing Number: EP101
		Issue Date: 07/01/2025 · Checked: MSG · Drawn: SAP	

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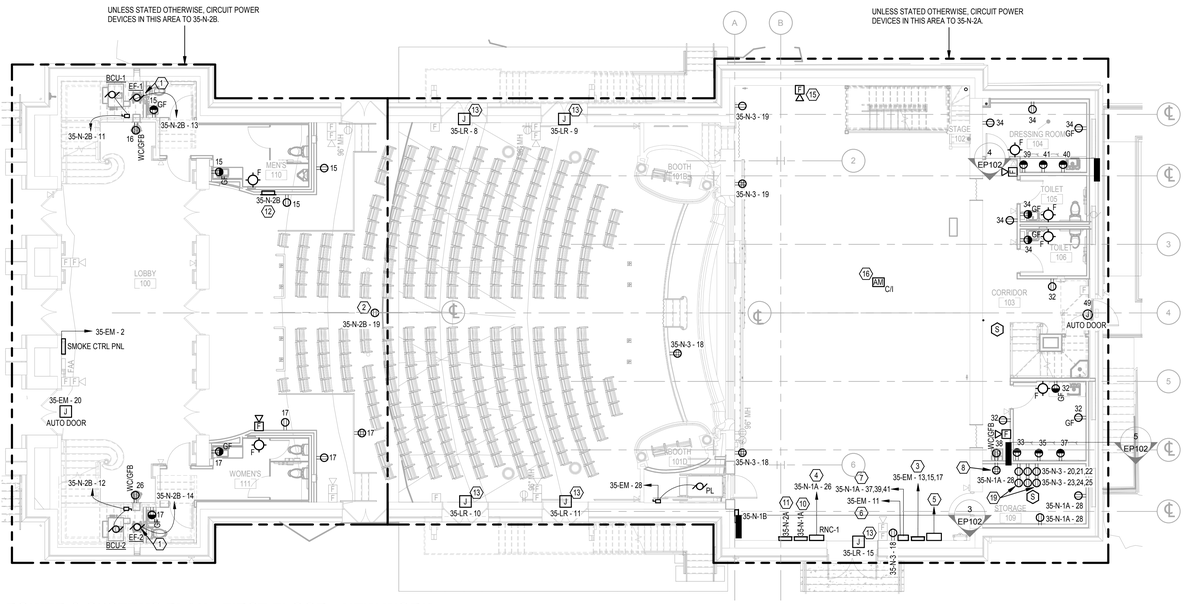
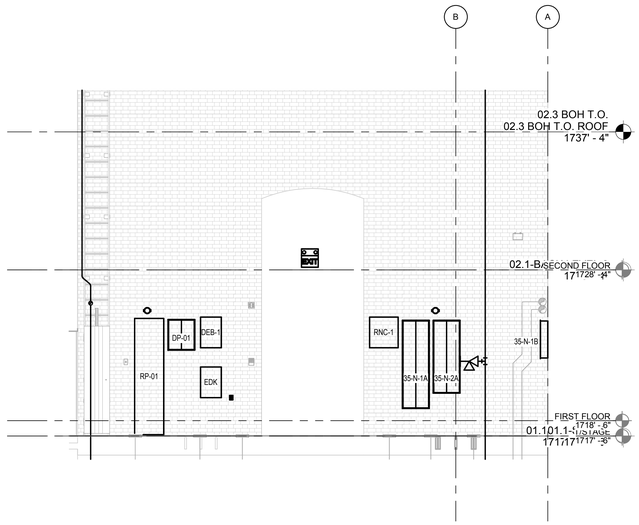


1 **POWER & SYSTEMS PLAN - FIRST FLOOR - NEW WORK**
SCALE: 1/8" = 1'-0"



3 **STAGE LEFT WALL**
SCALE: 1/4" = 1'-0"

GENERAL NOTES

A. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES HALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.

B. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

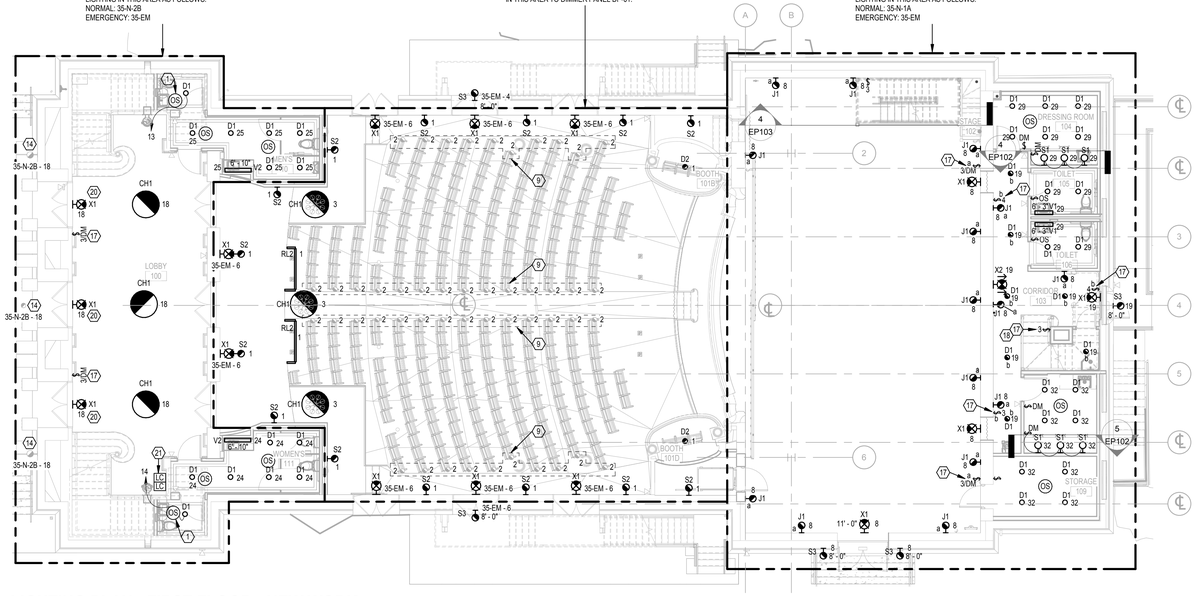
C. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

D. REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE ANY EXPOSED CONDUITS WITHIN THE FINISHED PORTIONS OF THE BUILDING FOR PRIME AND PAINTING REQUIREMENTS.

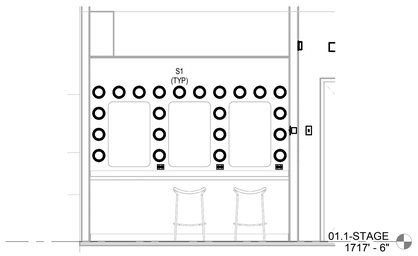
E. COMPLETELY AND THOROUGHLY COORDINATE ALL PATHWAYS BEING PROVIDED. ANY PATHWAYS THAT ARE PROVIDED THAT CAUSE CABLING INSTALLATION TO BE NON-COMPLIANT SHALL BE BROUGHT TO THE ATTENTION OF THE COR PRIOR TO THE INSTALLATION OF CABLING FOR RESOLUTION.

PLAN NOTES

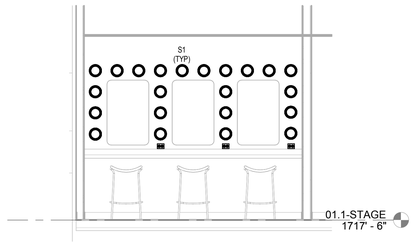
1. OCCUPANCY SENSOR TO CONTROL FAN AND LIGHT.
2. PROVIDE ONE (1) DECORATOR STYLE DUPLEX POWER RECEPTACLE ON ITS OWN DEDICATED 20A 120V CIRCUIT IN HIGH VOLTAGE SIDE OF CEILING BOX FOR VIDEO PROJECTOR POWER. COORDINATE LOCATION OF CEILING BOX FOR VIDEO PROJECTOR MOUNT WITH THEATER SYSTEMS PROVIDER PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
3. PROVIDE 208V 3PH - 80A EMERGENCY POWER FEED FOR DIMMER PANEL DP-01. COORDINATE LOCATION OF PANEL AND TIE-IN WITH THEATER SYSTEMS PROVIDER PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
4. PROVIDE 120V 1PH - 20A NORMAL POWER FOR RIGGING NETWORK CONTROL ENCLOSURE AND HARDWARE. COORDINATE LOCATION WITH THEATER SYSTEMS PROVIDER PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
5. PROVIDE 208V 3PH NORMAL POWER FOR LIGHTING SYSTEM RELAY PANEL RP-01 BY FEED-THRU LUGS FROM 35-N-1A. COORDINATE LOCATION WITH THEATER SYSTEMS PROVIDER PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
6. PROVIDE 120V 1PH - 20A EMERGENCY POWER FOR DMX EMERGENCY BYPASS CONTROLLER DEB-1. COORDINATE LOCATION WITH THEATER SYSTEMS PROVIDER PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
7. PROVIDE 208V 3PH 4 WIRE SENSING CIRCUIT FOR EMERGENCY BYPASS DETECTION SYSTEM FOR EMERGENCY BYPASS DETECTION KIT EDK. COORDINATE LOCATION WITH THEATER SYSTEMS PROVIDER PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
8. PROVIDE ONE (1) 120V DOUBLE DUPLEX RECEPTACLE INSIDE LIGHTING SYSTEM EQUIPMENT RACK ER-L1. COORDINATE INSTALLATION WITH MANUFACTURER.
9. EXISTING AISLE LIGHTING FOUND IN CHAIRS TO REMAIN. RELAMP WITH NEW EQUIVALENT LED BULB. FIELD VERIFY FIT OF BULB WITH FIXTURE BEFORE ORDERING. CIRCUIT TO DIMMER PANEL DP-01. TYPICAL ALL CHAIRS AT END OF AISLE.
10. WIRE EXISTING CIRCUITS FROM OLD STAGE PANELS TO PANEL 35-N-1A.
11. WIRE EXISTING CIRCUITS FROM OLD THEATER BSMT PANEL TO PANEL 35-N-2A.
12. WIRE EXISTING CIRCUITS FROM OLD MEN'S RR PANEL TO PANEL 35-N-2B.
13. PROVIDE 120V POWER TO AUTOMATIC DOOR OPENING DEVICES FOR SMOKE CONTROL SYSTEM.
14. LIGHT FIXTURE EXISTING TO REMAIN. RELAMP FIXTURE WITH NEW EQUIVALENT LED BULB. FIELD VERIFY FIT OF BULB WITH FIXTURE BEFORE ORDERING. REWIRE TO NEW CIRCUIT AS SHOWN ON PLAN.
15. EXISTING FIRE ALARM DEVICE TO BE MOVED AND REINSTALLED AT NEW LOCATION.
16. PROVIDE PROGRAMMING CONTROL WIRING AND RELAY FOR TIE-IN TO FIRE ALARM SYSTEM. CONTACTOR/MODULE SHALL ENERGIZE LIGHTING ON STAGE WHEN FIRE ALARM SYSTEM IS ACTIVATED. PROVIDE ALL PROGRAMMING, LABOR, AND MATERIAL FOR A COMPLETE AND OPERATIONAL INSTALLATION TO COMPLY WITH IBC 1006.2.
17. PROVIDE UL924 RELAY FOR LIFE SAFETY LIGHT CONTROLS.
18. THREE-WAY LIGHT SWITCH TO CONTROL LIGHTS IN SECOND FLOOR CORRIDOR ABOVE.
19. PROVIDE 6 DEDICATED RECEPTACLES WITHIN EQUIPMENT RACK ER-01 COORDINATE INSTALLATION WITH MANUFACTURER.
20. PROVIDE SURFACE MOUNT CONDUIT TO SURFACE MOUNT EXIT SIGN ON WOODEN DOOR FRAME. MINIMIZE SURFACE MOUNT EXPOSED CONDUIT.
21. PROVIDE ONE CONNECTION FOR EXTERIOR FIXTURES ON NORMAL POWER AND ONE FOR THOSE ON EMERGENCY POWER.



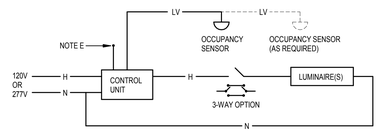
2 **LIGHTING PLAN - FIRST FLOOR - NEW WORK**
SCALE: 1/8" = 1'-0"



4 **DRESSING ROOM 104 ELEVATION**
SCALE: 3/8" = 1'-0"



5 **DRESSING ROOM 108 ELEVATION**
SCALE: 3/8" = 1'-0"



SINGLE ZONE

LV - LOW VOLTAGE CONTROL CABLE AS REQUIRED BY MANUFACTURER
H - HOT WIRE LINE VOLTAGE
N - NEUTRAL WIRE LINE VOLTAGE

GENERAL NOTES

A OPERATION INTENT IS FOR OCCUPANCY SENSING ON/OFF WITH MANUAL OVERRIDE AND MULTIPLE ZONES OPERATION OF ALL LIGHTS. CONTROL UNIT SHALL PROVIDEAN ON/OFF FOR ALL ZONES. WALL STATION(S) TO PROVIDE ON/OFF AND SWITCHES. REFER TO PLANS FOR QUANTITY OF LIGHTING ZONES.

B CONTROL UNIT SHALL BE MOUNTED IN AN ENCLOSURE PER MANUFACTURER'S DIRECTION. MOUNT CONTROL UNIT ABOVE ACCESSIBLE CEILING AT ROOM ENTRY.

C CONTRACTOR SHALL COORDINATE WITH MANUFACTURER FOR EXACT QUANTITY OF OCCUPANCY SENSORS (FOR COMPLETE ROOM COVERAGE) AND PROVIDE ANY ADDITIONAL COMPONENTS FOR A COMPLETE AND OPERABLE SYSTEM. COORDINATE COMPONENT MOUNTING LOCATIONS FOR PROPER CLEARANCE AND ACCESSIBILITY PRIOR TO ROUGH-IN. COORDINATE PROGRAMMING OF ZONES AND WALL STATION CONFIGURATIONS, AS SHOWN ON DRAWINGS, WITH MANUFACTURER.

D DETAIL IS SCHEMATIC IN NATURE. REFER TO MANUFACTURER'S WIRING DIAGRAMS FOR EXACT WIRING INFORMATION.

E PROVIDE ISOLATED FORM C CONTACT OUTPUT INDICATING SPACE OCCUPIED FOR BAS CONTROL, WHERE NOTED.

6 OCCUPANCY SENSOR WITH OVERRIDE CONTROL
NTS

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
FFE | HEAPY
PROJECT NO. 2024-05141

STAMP
STATE OF OHIO MATTHEW G. GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER 7/1/2025

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR NEW WORK PLANS
Approved: VAMC
Phase: BID DOCUMENTS
FULLY SPRINKLERED
Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER
Location: MT. HOME, TENNESSEE
Issue Date: 07/01/2025
Checked: MSG
Drawn: SAP
Project Number: 621-24-103
Building Number: 35
Drawing Number: EP102

VA FORM 08 - 6231

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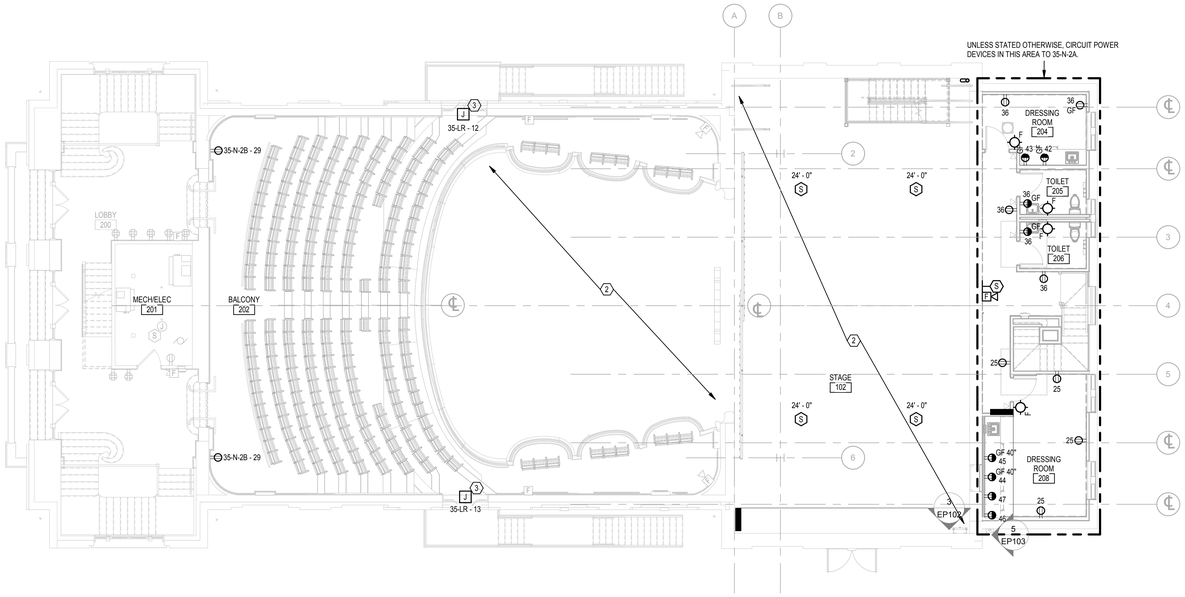
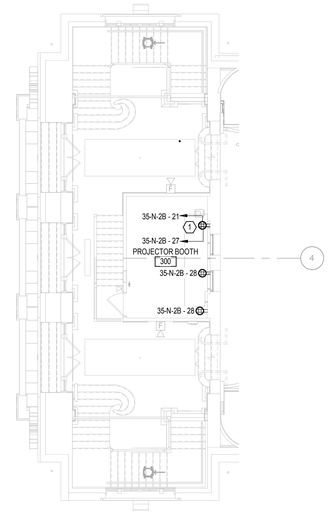


2 POWER & SYSTEMS PLAN - BALCONY AND SECOND FLOOR - NEW WORK

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

PLAN NORTH



1 POWER & SYSTEMS PLAN - PROJECTOR BOOTH - NEW WORK

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

GENERAL NOTES

A. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES HALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.

B. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

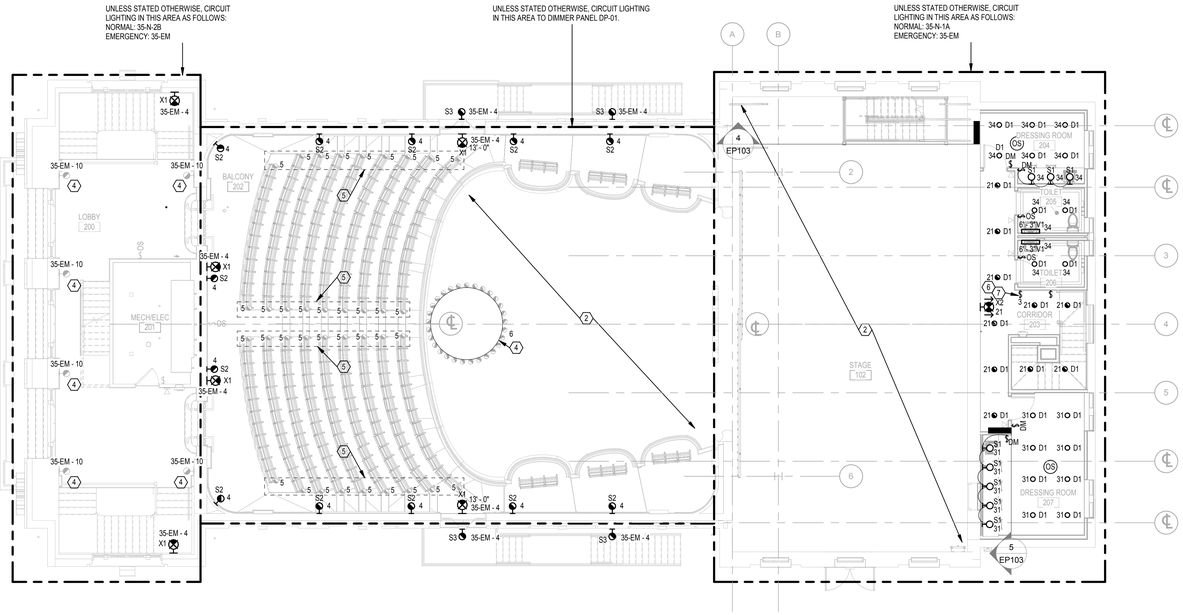
C. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

D. REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE ANY EXPOSED CONDUITS WITHIN THE FINISHED PORTIONS OF THE BUILDING FOR PRIME AND PAINTING REQUIREMENTS.

E. COMPLETELY AND THOROUGHLY COORDINATE ALL PATHWAYS BEING PROVIDED. ANY PATHWAYS THAT ARE PROVIDED THAT CAUSE CABLING INSTALLATION TO BE NON-COMPLIANT SHALL BE BROUGHT TO THE ATTENTION OF THE COR PRIOR TO THE INSTALLATION OF CABLING FOR RESOLUTION.

PLAN NOTES

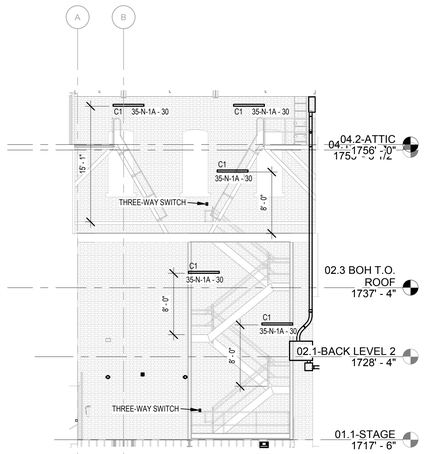
1. PROVIDE TWO (2) 20A 120V CIRCUITS. COORDINATE RECEPTACLE LOCATION WITH AUDIO-VISUAL EQUIPMENT RACK LOCATION PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
2. AREA OPEN TO SPACE BELOW. ANY WORK FOR THIS AREA SHOWN ON FIRST FLOOR PLAN.
3. PROVIDE 120V EMERGENCY POWER TO AUTOMATIC DOOR OPENING DEVICES FOR SMOKE CONTROL SYSTEM.
4. LIGHT FIXTURE EXISTING TO REMAIN. RELAMP FIXTURE WITH NEW EQUIVALENT LED BULB. FIELD VERIFY FIT OF BULB WITH FIXTURE BEFORE ORDERING. REWIRE TO NEW CIRCUIT AS SHOWN ON PLAN.
5. EXISTING AISLE LIGHTING FOUND IN CHAIRS TO REMAIN. RELAMP WITH NEW EQUIVALENT LED BULB. FIELD VERIFY FIT OF BULB WITH FIXTURE BEFORE ORDERING. CIRCUIT TO DIMMER RACK DP-01. TYPICAL ALL CHAIRS AT END OF AISLE.
6. PROVIDE UL924 RELAY FOR LIFE SAFTY LIGHT CONTROLS.
7. THREE-WAY LIGHT SWITCH TO CONTROL LIGHTS IN CORRIDOR WITH SWITCH AT BOTTOM OF STAIRS.



3 LIGHTING PLAN - BALCONY AND SECOND FLOOR - NEW WORK

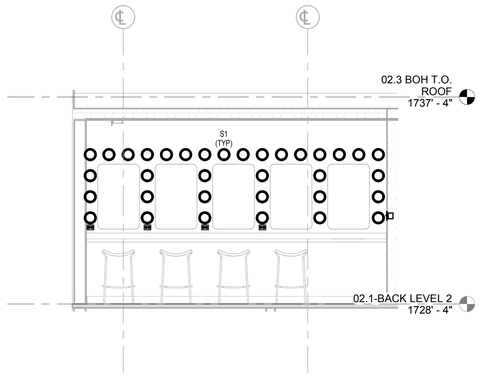
SCALE: 1/8" = 1'-0"

PLAN NORTH



4 ELEVATION

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



5 DRESSING ROOM 207 ELEVATION

SCALE: 3/8" = 1'-0"

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW C. DE GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR NEW WORK PLANS

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: MSG | Drawn: SAP

Project Number: 621-24-103

Building Number: 35

Drawing Number: EP103

VA FORM 08 - 6231

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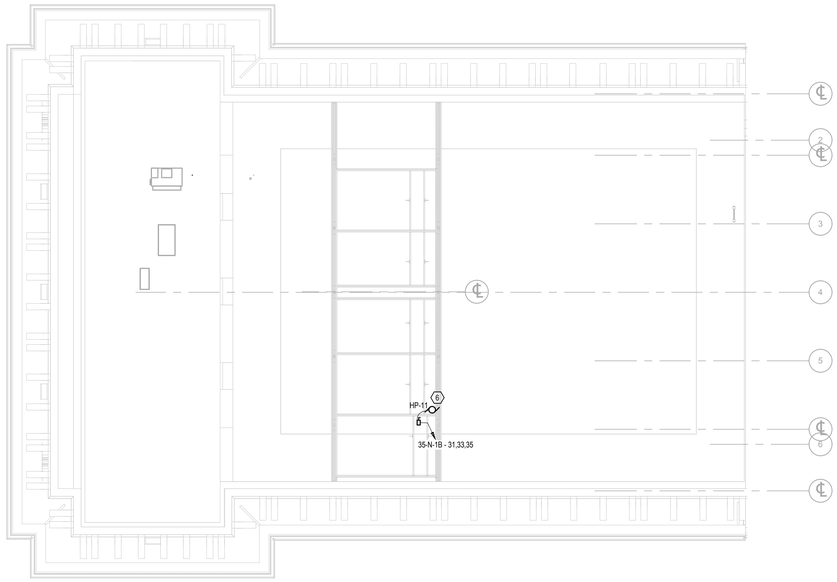
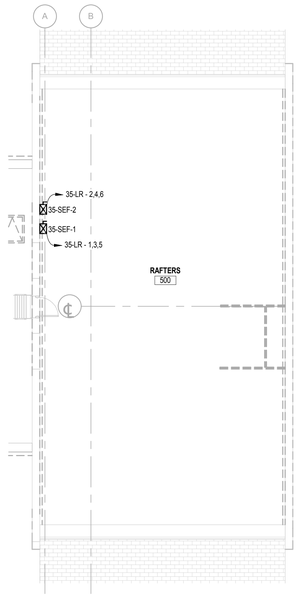
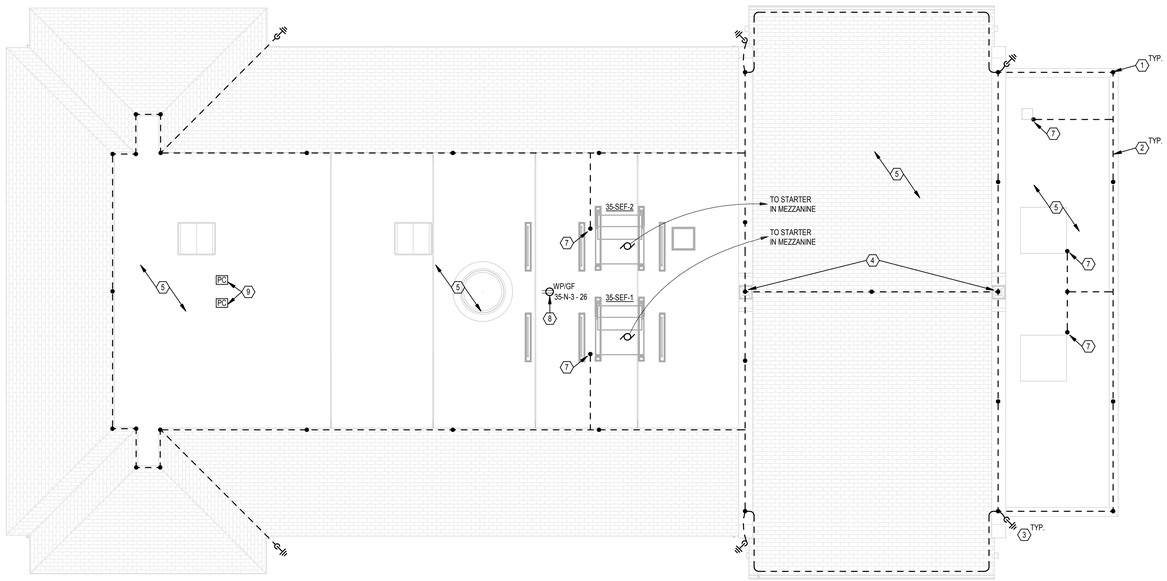


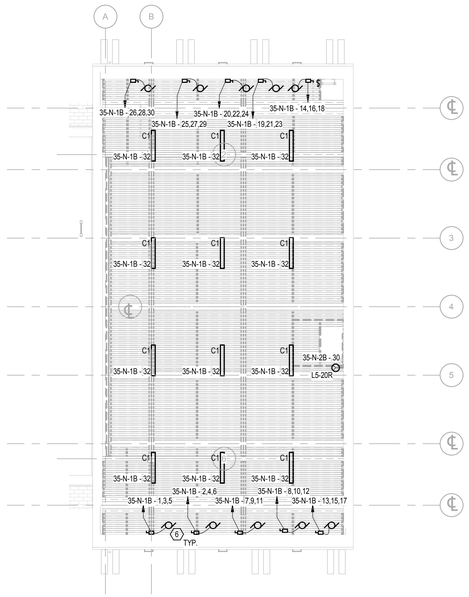
3 POWER & SYSTEMS PLAN - ATTIC - NEW WORK
SCALE: 1/8" = 1'-0"



2 POWER & SYSTEMS PLAN - RAFTERS - NEW WORK
SCALE: 1/8" = 1'-0"



1 POWER & LIGHTNING PROTECTION PLAN - ROOF - REMOVALS AND NEW WORK
SCALE: 1/8" = 1'-0"



4 LIGHTING AND POWER PLAN - CHANNEL GRID - NEW WORK
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. ALL EXISTING EQUIPMENT INDICATED ARE FROM PREVIOUS ENGINEERED DRAWINGS AND FIELD OBSERVATIONS. ACTUAL CONDITIONS MAY VARY AND MUST BE VERIFIED BY THIS CONTRACTOR WHO SHALL MAKE MINOR ADJUSTMENTS AS NECESSARY TO COMPLETE INSTALLATION OF ALL NEW WORK. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER FOR REDIRECTION AS REQUIRED.

B. THIS CONTRACTOR IS RESPONSIBLE FOR REFERRING TO APPROVED LIGHTNING PROTECTION MANUFACTURER'S DRAWINGS AND ENSURING ALL NECESSARY REQUIREMENTS ARE PROVIDED FOR A COMPLETE SYSTEM. SYSTEM SHALL BE PROVIDED WITH A UL MASTER LABEL AND BE DESIGNED PER NFPA 780. REFER TO SPEC SECTION 26 41 00 FOR MORE INFORMATION.

C. ALL METALLIC PIPING & EQUIPMENT SHALL BE BONDED TO THE LIGHTNING PROTECTION SYSTEM.

D. ALL CONDUCTOR BENDS SHALL MAINTAIN A MINIMUM ANGLE OF 90 DEGREES AND HAVE A RADIUS OF NO LESS THAN 8 INCHES. USE SWEEPING, LONG BENDS WHEREVER FEASIBLE.

E. INSTALL FASTENERS ON ALL LIGHTNING PROTECTION CONDUCTORS, ENSURING SPACING DOES NOT EXCEED 3 FEET.

F. AIR TERMINALS SHALL BE SPACED AT INTERVALS NOT EXCEEDING 20 FEET.

G. DISSIMILAR METALS SHALL NOT BE INSTALLED IN A MANNER WHERE THEY ARE IN CONTACT WITH EACH OTHER.

H. ANY ADDITIONAL FASTENING REQUIREMENTS SHALL BE COORDINATED WITH THE ROOFING CONTRACTOR/MANUFACTURER. ALL WORK ASSOCIATED WITH THE LPS SHALL NOT VOID THE ROOFING WARRANTY.

I. ENSURE THE HIGHEST QUALITY WORKMANSHIP DURING THE INSTALLATION OF THE LIGHTNING PROTECTION SYSTEM.

J. ANY ADDITIONAL ROOF PENETRATIONS REQUIRED FOR INSTALL SHALL BE KEPT AT AN ABSOLUTE MINIMUM. REFER TO THRU-ROOF PENETRATION DETAIL ON SHEET E001 FOR INSTALLATION METHOD.

K. ALL ROOFTOP LIGHTNING PROTECTION CONDUCTORS SHALL BE 28/14 STRANDED COPPER. USE 37/12 STRANDED ALUMINUM CONDUCTORS AS REQUIRED TO ENSURE COMPATIBILITY WITH DISSIMILAR METALS. COPPER CONDUCTORS SHALL NOT BE INSTALLED ON GALVANIZED OR ALUMINUM METALS.

L. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXISTING EQUIPMENT WITH ELECTRICAL CONNECTIONS TO BE TEMPORARILY LIFTED TO ACCOMMODATE ROOF REPLACEMENT. ALL UNIT CONNECTIONS AND DISCONNECTS SHALL BE REINSTALLED IN SAME LOCATION. ANY REMOVED RECEPTACLES SHALL BE REPLACED WITH NEW IN SAME LOCATION. RECEPTACLES SHALL BE SPECIFIED AS WEATHER PROOF WITH GFCI PROTECTION AND PROVIDED WITH AN "IN-USE" COVER.

M. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES HALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.

N. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

O. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

PLAN NOTES

1. LIGHTNING PROTECTION STRIKE TERMINATION DEVICE.
2. LIGHTNING PROTECTION ROOF CONDUCTOR.
3. LIGHTNING PROTECTION DOWN CONDUCTOR AND GROUND ROD. CONCEAL IN CORNER OF BUILDING.
4. BOND TO METAL SPIRE.
5. REMOVE EXISTING LIGHTNING PROTECTION SYSTEM INCLUDING DOWN CONDUCTORS AND GROUND RODS AND PROVIDE NEW UL MASTER LABELED SYSTEM PER SPEC 26 41 00.
6. PROVIDE 208V 3PH - 20A HARDWIRED CONNECTION TO HOIST POWER AND CONTROL DISTRIBUTION BOX. COORDINATE EXACT WIRING REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY. THEATER SYSTEMS TO PROVIDE STARTER. COORDINATE LOCATION WITH THEATER SYSTEMS PROVIDER.
7. BOND MECHANICAL EQUIPMENT TO LIGHTNING PROTECTION SYSTEM.
8. MOUNT TO MECHANICAL EQUIPMENT.
9. PROVIDE ONE CONNECTION FROM PHOTOCELL TO CONTACTOR FOR EXTERIOR FIXTURES ON NORMAL POWER AND ONE FOR THOSE ON EMERGENCY POWER.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
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PROJECT NO. 2024-05141

STAMP
STATE OF OHIO MATTHEW W. GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: ATTIC, RAFTERS, & ROOF NEW WORK PLANS

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: MSG | Drawn: SAP

Project Number: 621-24-103

Building Number: 35

Drawing Number: EP104

VA FORM 08 - 6231

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DISTRIBUTION PANEL: SWB-35-SB-A

Location: ELECTRICAL ROOM 005 **Mounting:** FLOOR **A.I.C. Rating:** EXISTING
Supply From: PMT#9 **Enclosure:** **Mains Type:** MCB
Voltage: 208Y/120V-3PH-4W **Mains Rating:** 1200 A
Feeder Size: **Spec. Ref. #:**

CKT	CIRCUIT DESCRIPTION	Load	FRAME SIZE	POLES	TRIP SETTING	BREAKER TYPE	NUMBER OF CONDUCTORS	WIRE SIZE	GROUND SIZE	CONDUIT SIZE	SEE NOTE
1	35-ATS-EM	12.16 kVA	100 A	3	100 A						
2	Spare	0.00 kVA	100 A	3	100 A	--	--	--	--	--	--
3	EX B-16	0.00 kVA	400 A	3	225 A	--	--	--	--	--	--
4	35-N-3	2.88 kVA	400 A	3	225 A						
5	35-N-2A	73.87 kVA	400 A	3	225 A						
6	Spare	0.00 kVA	225 A	3	225 A	--	--	--	--	--	--
7	EX B-16 HP	0.00 kVA	400 A	3	225 A	--	--	--	--	--	--
8	Spare	0.00 kVA	225 A	3	225 A	--	--	--	--	--	--
9	Spare	0.00 kVA	225 A	3	225 A	--	--	--	--	--	--
10	Spare	0.00 kVA	225 A	3	225 A	--	--	--	--	--	--
11	35-ATS-LR	64.28 kVA	400 A	3	400 A						
12	EX CH-1	107.10 kVA	400 A	3	350 A	--	--	--	--	--	--
13	35-N-1A	42.50 kVA	400 A	3	400 A						
14	EX BLDG 20	0.00 kVA	400 A	3	400 A	--	--	--	--	--	--
15	EX BLDG 13	0.00 kVA	400 A	3	400 A	--	--	--	--	--	--
16	EX HVAC	0.00 kVA	400 A	3	400 A						

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	5027 VA	125.00%	6283 VA		
Motor	90582 VA	108.22%	98032 VA	Total Conn. Load:	302.8 kVA
Other	360 VA	100.00%	360 VA	Total Est. Demand:	287.09 kVA
Receptacle	58828 VA	58.50%	34414 VA	Total Conn.:	840 A
Spare	148000 VA	100.00%	148000 VA	Total Est. Demand:	797 A

NOTES:

TOTAL CONNECTED		ESTIMATED DEMAND
302.80 kVA		287.09 kVA (797 A)

Panel: 35-N-1A

Location: STAGE 102 **Mounting:** Surface **A.I.C. Rating:** 10,000
Supply From: SWB-35-SB-A **Enclosure:** Type 1 **Mains Type:** MLO
Voltage: 208Y/120V-3PH-4W **Mains Rating:** 400 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	35-N-1B	100 A	3	7363...	800 VA					1	20 A	1. RCPT BALCONY NW	2
3	--	--	--			7003...	1000...			1	20 A	1. UNKNOWN	4
5	--	--	--					7003...	1200...	2	20 A	1. FAN ON ROOF	6
7	1. PANEL LIGHTS	20 A	1	600 VA	1200...					--	--	--	8
9	1. RCPT CLK BALC. NE	20 A	1			800 VA	1000...			1	20 A	1. UNKNOWN	10
11	1. RCPT BALCONY NE	20 A	1					800 VA	1000...	2	20 A	1. UNKNOWN	12
13	1. RCPT WEST	20 A	1	800 VA	100 VA					--	--	--	14
15	1. UNKNOWN	20 A	1			1000...	600 VA			1	20 A	1. LGTS CONDEN. RM...	16
17	1. UNKNOWN	20 A	1					1000...	1000...	1	20 A	1. UNKNOWN	18
19	1. LGTS STG WRK NE	20 A	1	600 VA	800 VA					1	20 A	1. RCPT BALCONY NW	20
21	1. RECEPT. P.A. NW	20 A	1			800 VA	1800...			1	20 A	1. HEATERS	22
23	2. LIGHTS ATTIC	20 A	1					600 VA	600 VA	1	20 A	2. MAIN STRIP LGTS	24
25	2. LGTS OVERHD...	20 A	1	600 VA	0 VA					1	20 A	RNC-1	26
27	2. LGTS OVERHD...	20 A	1			600 VA	720 VA			1	20 A	RECEPT. ER-L1	28
29	Lighting Room 104, 105	20 A	1					126 VA	150 VA	1	20 A	Lighting	30
31	Lighting Room 203, 207	20 A	1	92 VA	84 VA					1	20 A	Lighting Room 108	32
33	Spare	20 A	1			0 VA	126 VA			1	20 A	Lighting Room 204, 20...	34
35	Lighting Room 001, 00...	20 A	1					534 VA	0 VA	1	20 A	Spare	36
37	EDK	20 A	3	0 VA	0 VA					1	20 A	Spare	38
39	--	--	--			0 VA	0 VA			1	20 A	Spare	40
41	--	--	--					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	13.04 kVA		15.45 kVA		14.01 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	1472 VA	125.00%	1840 VA		
Motor	21010 VA	102.27%	21488 VA	Total Conn. Load:	42.5 kVA
Receptacle	720 VA	100.00%	720 VA	Total Est. Demand:	43.35 kVA
Spare	19300 VA	100.00%	19300 VA	Total Conn.:	118 A
				Total Est. Demand:	120 A

Notes: 1. EXISTING CIRCUIT REWIRED FROM STAGE PANEL 1.
2. EXISTING CIRCUIT REWIRED FROM STAGE PANEL 2.

TOTAL CONNECTED		ESTIMATED DEMAND
42.5 kVA		43.35 kVA (120 A)

Panel: 35-N-1B

Location: STAGE 102 **Mounting:** Surface **A.I.C. Rating:** 10,000
Supply From: 35-N-1A **Enclosure:** Type 1 **Mains Type:** MLO
Voltage: 208Y/120V-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	HOIST MOTOR 1	20 A	3	637 VA	637 VA					3	20 A	HOIST MOTOR 2	2
3	--	--	--			637 VA	637 VA			--	--	--	4
5	--	--	--					637 VA	637 VA	--	--	--	6
7	HOIST MOTOR 3	20 A	3	637 VA	637 VA					3	20 A	HOIST MOTOR 4	8
9	--	--	--			637 VA	637 VA			--	--	--	10
11	--	--	--					637 VA	637 VA	--	--	--	12
13	HOIST MOTOR 5	20 A	3	637 VA	637 VA					3	20 A	HOIST MOTOR 6	14
15	--	--	--			637 VA	637 VA			--	--	--	16
17	--	--	--					637 VA	637 VA	--	--	--	18
19	HOIST MOTOR 7	20 A	3	637 VA	637 VA					3	20 A	HOIST MOTOR 8	20
21	--	--	--			637 VA	637 VA			--	--	--	22
23	--	--	--					637 VA	637 VA	--	--	--	24
25	HOIST MOTOR 9	20 A	3	637 VA	637 VA					3	20 A	HOIST MOTOR 10	26
27	--	--	--			637 VA	637 VA			--	--	--	28
29	--	--	--					637 VA	637 VA	--	--	--	30
31	HOIST MOTOR 11	20 A	3	637 VA	360 VA					1	20 A	Lighting	32
33	--	--	--			637 VA	0 VA			1	20 A	Spare	34
35	--	--	--					637 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	3	0 VA	0 VA					3	20 A	Spare	38
39	--	--	--			0 VA	0 VA			--	--	--	40
41	--	--	--					0 VA	0 VA	--	--	--	42
			Total Load:	7.36 kVA		7.00 kVA		7.00 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	360 VA	125.00%	450 VA		
Motor	21010 VA	102.27%	21488 VA	Total Conn. Load:	21.37 kVA
				Total Est. Demand:	21.94 kVA
				Total Conn.:	59 A
				Total Est. Demand:	61 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
21.37 kVA		21.94 kVA (61 A)

Panel: 35-N-2A

Location: STAGE 102 **Mounting:** Surface **A.I.C. Rating:** 10,000
Supply From: SWB-35-SB-A **Enclosure:** Type 1 **Mains Type:** MLO
Voltage: 208Y/120V-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	35-N-2B	100 A	3	5176...	600 VA					3	20 A	1. LIGHTS	2
3	--	--	--			7021...	600 VA			--	--	--	4
5	--	--	--					7502...	600 VA	--	--	--	6
7	1. PROJECTION ROOM	70 A	3	1400...	1800...					2	30 A	1. WATER HEATER	8
9	--	--	--			1400...	1900...			--	--	--	10
11	--	--	--					1400...	200 VA	1	20 A	1. STEAM VALVE	12
13	1. RIGGING LIGHTS	20 A	1	600 VA	800 VA					1	20 A	1. RCPT & LGTS BSMT	14
15	1. FLOOR RECEPT.	20 A	1			800 VA	600 VA			1	20 A	1. RECPT. UNDER PNL	16
17	1. FLOOR RECEPT.	20 A	1					800 VA	540 VA	1	20 A	Receptacle MECH/ELE...	18
19	1. UNKNOWN	20 A	1	1000...	180 VA					1	20 A	LEAK DETECT. CTRL...	20
21	1. UNKNOWN	20 A	1			1000...	150 VA			1	20 A	DHW RECIRC PUMP	22
23	1. RECEPT. ON STAGE	20 A	1					800 VA	360 VA	1	20 A	WTR DETECT SENSOR	24
25	RCPT FL 2 BACK...	20 A	1	720 VA	2000...					1	30 A	^ DW HEAT TRACE	26
27	RELAY RACK RECEPT.	20 A	3			1921...	1500...			1	20 A	^ DW HEAT TRACE	28
29	--	--	--					1921...	1500...	1	20 A	* DW HEAT TRACE	30
31	--	--	--	1921...	720 VA					1	20 A	RCPT FL 1 BACK...	32
33	RECP DRES RM 108	20 A	1			1800...	1080...			1	20 A	RCPT FL 1 BACK...	34
35	RECP DRES RM 108	20 A	1					1800...	1080...	1	20 A	RCPT FL 2 BACK...	36
37	RECP DRES RM 108	20 A	1	1800...	500 VA					1	20 A	* EWC BACK STAGE	38
39	RECP DRES RM 104	20 A	1			1800...	1800...			1	20 A	RECP DRES RM 104	40
41	RECP DRES RM 104	20 A	1					1800...	1800...	1	20 A	RECP DRES RM 204	42
43	RECP DRES RM 204	20 A	1	1800...	1800...					1	20 A	RECP DRES RM 207	44
45	RECP DRES RM 207	20 A	1			1800...	1800...			1	20 A	RECP DRES RM 207	46
47	RECP DRES RM 207	20 A	1					1800...	0 VA	1	20 A	Spare	48
49	AUTO DOOR...	20 A	1	180 VA	0 VA					1	20 A	Spare	50
51	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	52
53	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	54
			Total Load:	23.00 kVA		26.97 kVA		23.90 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	1176 VA	125.00%	1469 VA		
Motor	2650 VA	110.66%	2933 VA	Total Conn. Load:	73.87 kVA
Receptacle	48448 VA	60.32%	29224 VA	Total Est. Demand:	55.23 kVA
Spare	21600 VA	100.00%	21600 VA	Total Conn.:	205 A
				Total Est. Demand:	153 A

Notes: 1. EXISTING CIRCUIT REWIRED FROM THEATER BSMT PANEL.
* PROVIDE GFCI BREAKER.
^ PROVIDE GFPE BREAKER

TOTAL CONNECTED		ESTIMATED DEMAND
73.67 kVA		55.23 kVA (153 A)

Panel: 35-N-2B

Location: AUDITORIUM 101 **Mounting:** Surface **A.I.C. Rating:** 10,000
Supply From: 35-N-2A **Enclosure:** Type 1 **Mains Type:** MLO
Voltage: 208Y/120V-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	1. LGTS UPSTRS...	20 A	1	0 VA	0 VA					1	20 A	1. LGTS OUTSIDE...	2
3	1. LGTS FOYER	20 A	1			0 VA	600 VA			1	20 A	1. OUTSIDE MERC....	4
5	1. FOYER FAN	20 A	1					300 VA	800 VA	1	20 A	1. LGTS SINK & RCPT...	6
7	1. FANS THEATER	20 A	1	1200...	800 VA					1	20 A	1. RCPT FA FOYER	8
9	1. RCPT FA FOYER	20 A	1			800 VA	800 VA			1	20 A	1. RCPT FOYER 2...	10
11	BCU-1	20 A	1					1130...	1130...	1	20 A	BCU-2	12
13	MEN RR FAN & LGTS	20 A	1	129 VA	129 VA					1	20 A	WOMEN RR FAN &...	14
15	RECEPT. MENS ROOM	20 A	1			720 VA	500 VA			1	20 A	* EWC LOBBY	16
17	Receptacle Room 111	20 A	1					1080...	411 VA	1	20 A	Lighting LOBBY 100	18
19	PROJECTOR	20 A	1	180 VA	242 VA					1	20 A	Lighting	20
21	RCPT PROJ BOOTH	20 A	1			360 VA	240 VA			1	20 A	Lighting	22
23	Lighting	20 A	1					116 VA	74 VA	1	20 A	Lighting	24
25	Lighting	20 A	1	74 VA	500 VA					1	20 A	* EWC LOBBY	26
27	RCPT PROJ BOOTH	20 A	1			360 VA	720 VA			1	20 A	Receptacle	28
29	REC BALCONY	20 A	1					360 VA	180 VA	1	20 A	Receptacle	30
31	RELAY RACK RECEPT.	20 A	3	1921...	0 VA					1	20 A	Spare	32
33	--	--	--			1921...	0 VA			1	20 A	Spare	34
35	--	--	--					1921...	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	5.18 kVA		7.02 kVA		7.50 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	1176 VA	125.00%	1469 VA		
Motor	2500 VA	111.30%	2783 VA	Total Conn. Load:	19.7 kVA
Receptacle	10724 VA	96.62%	10362 VA	Total Est. Demand:	19.91 kVA
Spare	5300 VA	100.00%	5300 VA	Total Conn.:	55 A
				Total Est. Demand:	55 A

Notes: 1. EXISTING CIRCUIT REWIRED FROM MEN'S RR PANEL.
* PROVIDE GFCI BREAKER.

TOTAL CONNECTED		ESTIMATED DEMAND
19.7 kVA		19.91 kVA (55 A)

Panel: 35-N-3

Location: ELECTRICAL ROOM 005 **Mounting:** Surface **A.I.C. Rating:** 22,000
Supply From: SWB-35-SB-A **Enclosure:** Type 1 **Mains Type:** MLO
Voltage: 208Y/120V-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	1. CHAPEL	70 A	3	0 VA	0 VA					3	100 A	1. B16 DR. BARWICK	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	--	--	--					0 VA	0 VA	--	--	--	6
7	1. EX FAN	20 A	1	0 VA	0 VA					3	20 A	1. LIBRARY	8
9	1. UNKNOWN	20 A	1			0 VA	0 VA			--	--	--	10
11	1. UNKNOWN	20 A	2					0 VA	0 VA	--	--	--	12
13	--	--	--	0 VA	0 VA					1	20 A	1. UNKNOWN	14
15	1. UNKNOWN	20 A	1			0 VA	0 VA			1	20 A	1. UNKNOWN	16
17	PACS SYSTEM	20 A	1					180 VA	900 VA	1	20 A	STAGE REC	18
19	STAGE REC	20 A	1	540 VA	180 VA					1	20 A	REC STORAGE 109	20
21	REC STORAGE 109	20 A	1			180 VA	180 VA			1	20 A	REC STORAGE 109	22
23	REC STORAGE 109	20 A	1					180 VA	180 VA	1	20 A	REC STORAGE 109	24
25	REC STORAGE 109	20 A	1	180 VA	180 VA					1	20 A	REC ROOF	26
27	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Space	--	1			--	--			1	--	Space	40
41	Space	--	1					--	--	1	--	Space	42
			Total Load:	1.08 kVA		0.36 kVA		1.44 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Receptacle	2880 VA	100.00%	2880 VA		
				Total Conn. Load:	2.88 kVA
				Total Est. Demand:	2.88 kVA
				Total Conn.:	8 A
				Total Est. Demand:	8 A

Notes: 1. EXISTING CIRCUIT REWIRED FROM B-35 VAULT PANEL.

TOTAL CONNECTED		ESTIMATED DEMAND
2.88 kVA		2.88 kVA (8 A)

Panel: 35-EM

Location: EMERG ELEC ROOM 006 **Mounting:** Surface **A.I.C. Rating:** 10,000
Supply From: 35-ATS-EM **Enclosure:** Type 1 **Mains Type:** MLO
Voltage: 208Y/120V-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	FACP	20 A	1	180 VA	180 VA					1	20 A	SMOKE CTRL PNL	2
3	BATT. CHARGER GEN	20 A	1			180 VA	156 VA			1	20 A	Lighting	4
5	BLOCK HEATER GEN	20 A	3					800 VA	38 VA	1	20 A	Lighting	6
7	--	--	--	800 VA	288 VA					1	20 A	Lighting	8
9	--	--	--			800 VA	0 VA			1	20 A	Lighting LOBBY 200	10
11	DEB-1	20 A	1					0 VA	180 VA	1	20 A	BATT. CHARGER...	12
13	DP-01	80 A	3	591 VA	0 VA					3	30 A	SPD	14
15	--	--	--			486 VA	0 VA			--	--	--	16
17	--	--	--					390 VA	0 VA	--	--	--	18
19	Lighting Room 103	20 A	1	95 VA	180 VA					1	20 A	AUTO DOOR...	20
21	Lighting CORRIDOR...	20 A	1			91 VA	800 VA			3	20 A	BLOCK HEATER...	22
23	Lighting Room 001, 00...	20 A	1					243 VA	800 VA	--	--	--	24
25	Spare	20 A	3	0 VA	800 VA					--	--	--	26
27	--	--	--			0 VA	4080...			1	20 A	PLATFORM LIFT	28
29	--	--	--					0 VA	--	3	--	Space	30
31	Spare	20 A	1	0 VA	--					--	--	--	32
33	Spare	20 A	1			0 VA	--			--	--	--	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	3.11 kVA		6.59 kVA		2.45 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	2379 VA	125.00%	2974 VA		
Motor	4080 VA	125.00%	5100 VA	Total Conn. Load:	12.16 kVA
Other	360 VA	100.00%	360 VA	Total Est. Demand:	13.77 kVA
Receptacle	5340 VA	100.00%	5340 VA	Total Conn.:	34 A
				Total Est. Demand:	38 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
12.16 kVA		13.77 kVA (38 A)

Panel: 35-LR

Location: EMERG ELEC ROOM 006 **Mounting:** Surface **A.I.C. Rating:** 22,000
Supply From: 35-ATS-LR **Enclosure:** Type 1 **Mains Type:** MLO
Voltage: 208Y/120V-3PH-4W **Mains Rating:** 400 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	35-SEF-1	150 A	3	9933...	9933...					3	150 A	35-SEF-2	2
3	--	--	--			9933...	9933...			--	--	--	4
5	--	--	--					9933...	9933...	--	--	--	6
7	NITROGEN...	20 A	1	180 VA	180 VA					1	20 A	AUTO DOOR OPEN	8
9	AUTO DOOR OPEN	20 A	1			180 VA	180 VA			1	20 A	AUTO DOOR OPEN	10
11	AUTO DOOR OPEN	20 A	1					180 VA	180 VA	1	20 A	AUTO DOOR OPEN	12
13	AUTO DOOR OPEN	20 A	1	180 VA	1081...					3	20 A	DP-1 DRY-PIPE AC	14
15	AUTO DOOR OPEN	20 A	1			180 VA	1081...			--	--	--	16
17	SPD	30 A	3					0 VA	1081...	--	--	--	18
19	--	--	--	0 VA	0 VA					1	20 A	Spare	20
21	--	--	--			0 VA	0 VA			1	20 A	Spare	22
23	Spare	20 A	3					0 VA	0 VA	1	20 A	Spare	24
25	--	--	--	0 VA	0 VA					1	20 A	Spare	26
27	--	--	--			0 VA	0 VA			1	20 A	Spare	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Space	--	1			--	--			1	--	Space	34
35	Space	--	1					--	--	1	--	Space	36
37	Space	--	1	--	--					1	--	Space	38
39	Space	--	1			--	--			1	--	Space	40
41	Space	--	1					--	--	1	--	Space	42
			Total Load:	21.49 kVA		21.49 kVA		21.31 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Motor	62842 VA	111.86%	70292 VA		
Receptacle	1440 VA	100.00%	1440 VA	Total Conn. Load:	64.28 kVA
				Total Est. Demand:	71.73 kVA
				Total Conn.:	178 A
				Total Est. Demand:	199 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
64.28 kVA		71.73 kVA (199 A)

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW W. GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: PANEL SCHEDULES

Approved: VAMC

FULLY SPRINKLERED

Phase: BID DOCUMENTS

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: MSG | Drawn: SAP

Project Number: 621-24-103

Building Number: 35

Drawing Number: E200

VA FORM 08 - 6231

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MOTORS, STARTERS, DISCONNECTS & CONTROLS

NOTES:
1. CONTROLLED BY OCCUPANCY SENSOR.
2. WIRE THROUGH IMMERSION-STAT.

	MOTOR												STARTER											DISCONNECT MEANS												CONTROL			FEEDER				
		CHARACTERISTICS									LOCATION			TYPE						LOCATION				TYPE						LOCATION													
MARK	NAMEPLATE	HORSEPOWER (HP)	LOAD (KVA)	120V-1PH	208V-1PH	208V-3PH	240V-1PH	240V-3PH	277V-1PH	480V-1PH	480V-3PH	ROOM NUMBER	ROOM NAME	NEMA SIZE	MANUAL	MAGNETIC	ECM	2-SPEED	VFD	SEE NOTE	NEAR MOTOR	MOTOR CONT CENTER	EQUIP CONT PANEL	ROOM NUMBER	SEE NOTE	FURNISHED BY (DIVISION)	DISC SWITCH	MANUAL STARTER	RECEPTACLE	FEEDER SW OR BREAKER	NEMA TYPE	DISC SIZE	FUSE SIZE	NEAR MOTOR	MOTOR CONT CENTER	EQUIP CONT PANEL	PANELBOARD	SEE NOTE	FURNISHED BY (DIVISION)	INTERLOCK WITH MOTOR NO. BY E.C.	MANUAL AT STARTER	INTEGRAL WITH EQUIPMENT	FURNISHED BY	SEE NOTE	NUMBER OF CONDUCTORS	WIRE SIZE	GROUND SIZE	CONDUIT SIZE	SEE NOTE
BCU-1	BLOWER COIL UNIT	1/2	1.13	•								110B	MECHANICAL				•						•			23	•									•		23			•	23		2	12	12	0.75	
BCU-2	BLOWER COIL UNIT	1/2	1.13	•								111B	MECHANICAL				•						•			23	•									•		23			•	23		2	12	12	0.75	
DP-1	DRY PIPE AIR COMPRESSOR	2	3.24			•						002	MECH/ELEC ROOM										•			21	•				1	30	NF			•			26			•	21		3	12	12	0.75	
EF-1	EXHAUST FAN	1/15	0.12	•								110B	MECHANICAL				•				•					23	•									•			23		•		26	1	2	12	12	0.75	
EF-2	EXHAUST FAN	1/15	0.12	•								111B	MECHANICAL				•				•					23	•									•			23		•		26	1	2	12	12	0.75	
HP-01	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-02	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-03	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-04	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-05	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-06	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-07	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-08	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-09	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-10	HOIST MOTOR		1.91			•						500	RAFTERS														•				1	30	NF	•					26						3	12	12	0.75	
HP-11	HOIST MOTOR		1.91			•						400	ATTIC														•				1	30	NF	•					26						3	12	12	0.75	
PL	PLATFORM LIFT	3	4.08	•													•										•							•					26			•			2	8	10	0.75	
RCP	RECIRCULATION PUMP	1/12	0.15	•								002	MECH/ELEC ROOM											2	22	•	•							•									22		2	12	12	0.75	
35-SEF-1	SMOKE EXHAUST FAN	30	29.8			•							ROOF	1		•					•					26	•				3R	150	NF	•					26			•	23		3	1/0	6	1.5	
35-SEF-2	SMOKE EXHAUST FAN	30	29.8			•							ROOF	1		•					•					26	•				3R	150	NF	•					26			•	23		3	1/0	6	1.5	

LUMINAIRES

NOTES:

MARK	LAMPS: DELIVERED LUMENS	LAMPS: COLOR	LOAD (VA)	VA / FT	FIXTURE VOLTAGE	Manufacturer	CATALOG NO.	DESCRIPTION	DIFFUSING MEDIA	MOUNTING (S-SURFACE R-RECESSED SM-STEM MTD WM-WALL MTD C-CHAIN MTD UC-UNDER CAB CS-CEIL SURFACE PL-POLE MOUNTED)	SEE NOTE
BL1	1428	4000K	15		120	BEGA	B99058 K4	LED PATHWAY BOLLARD	GLASS	PL	8,9,12,14, 19
C1	3966	3500K	30		120	LITHONIA	ZL1D L48 3000LM FST MVOLT 35K 80CRI	LED 4' STRIP LIGHT	DROP LENS	S	1,4,5
C2	4190	3500K	36		120	LITHONIA	ZL1D L24 3500LM FST MVOLT 35K 80CRI HC36 M12	LED 2' STRIP LIGHT	DROP LENS	C	5,6,7
C4	2742	3500K	30		120	LITHONIA	ZL1D L48 3000LM FST MVOLT 35K 80CRI HC36 M12	LED 4' STRIP LIGHT	DROP LENS	C	5,6,7
CH1	7800	3000K	108		120		SELECTED BY VA	CHANDELIER W/ LED		C	1,4,5,6,7,8, 13,15,18
D1	810	3500K	9		120	LITHONIA	LDN4-07LM-35K-L04-MVOLT-UGZ	LED 4" DOWNLIGHT	ACRYLIC	R	3,5,6,7
D2	500	3000K	26		120		SELECTED BY VA	VINTAGE STYLE LED GLOBE DOWNLIGHT		S	3,5,6,7,15, 18
FL1	10000	4000K	80		120	LITHONIA	DSXF2 LED P2 40K 70CR1 MFL MVOLT ISDBLXD	OUTDOOR LED FLOODLIGHT	GLASS	PL	8,9,12,14, 19
J1	2580	BLUE	15		120	CANLET	68-15-L-W-F-OG-59-1	LED BLUE JELLY JAR LIGHT	THERMOSET POLYESTER	WM	5
RL1	310LM/FT	3000K	<VARIES>	2 VA	120	TSLC	IR316-1.66-PM-30-2.4-C-24	INTEGRATED LED HANDRAIL LIGHTING	ACRYLIC	R	2,5,19
RL2	180LM/FT	3000K	<VARIES>	3 VA	120	KELVIX	UNI1-WL-I-100-35K-24V-NA	LED STEP LIGHTING	ACRYLIC	R	5,8,17
S1	350	3500K	4		120	DAINOLITE	BUR-51W-AGB-WH	6" WALL SCONCE W/ G9 BULB			16
S2	1200	3000K	14		120		SELECTED BY VA	VINTAGE STYLE LED 3 BULB SCONCE		WM	1,5,8,15,18
S3	6000	3000K	30		120		SELECTED BY VA	VINTAGE STYLE LED OUTDOOR SCONCE		WM	1,5,8,9,12, 15,18,19
V1	1050	3500K	12		120	DAINOLITE	VAD-233W-MB-AGB	LED 3 LIGHT 24" WIDE BATHROOM VANITY LIGHT W/ G9 BULBS		WM	1,2,5,16
V2	1750	3500K	20		120	DAINOLITE	VAD-415W-MB-AGB	LED 5 LIGHT 41" WIDE BATHROOM VANITY LIGHT W/ G9 BULBS		WM	1,2,5,16
X1		GREEN	1		120	LITHONIA	LE S 1 G	WALL MOUNTED EXIT SIGN	ACRYLIC	WM	10,11
X1a		GREEN	1		120	LITHONIA	LE S 1 G	CEILING MOUNTED EXIT SIGN	ACRYLIC	CS	10,11
X2		GREEN	1		120	LITHONIA	LE S 2 G	WALL MOUNTED DOUBLE SIDED EXIT SIGN	ACRYLIC	WM	10,11

LIGHTING FIXTURE SCHEDULE NOTES

1. INSTALL LUMINAIRE AT MOUNTING HEIGHT AS INDICATED ON PLAN. VERIFY FINAL LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN TO AVOID CONFLICT WITH EQUIPMENT.
2. PROVIDE LENGTH/ARRANGEMENT OF FIXTURES AS INDICATED ON PLANS; COORDINATE MOUNTING WITH MANUFACTURER PRIOR TO ORDERING TO ACHIEVE THIS LAYOUT.
3. TRIM TO MATCH OR BE PAINTED TO MATCH CEILING COLOR WHERE FIXTURE IS MOUNTED. PROVIDE ACCORDINGLY.
4. INSTALL LUMINAIRE AT MOUNTING HEIGHT AS INDICATED ON PLAN. VERIFY FINAL LOCATION WITH ARCHITECT AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH IN.
5. PROVIDE FIXTURE WITH DIMMABLE UNIVERSAL VOLTAGE BALLAST/DRIVER.
6. COORDINATE MOUNTING HARDWARE WITH CEILING TYPE AND ARCHITECTURAL DRAWINGS PRIOR TO ORDERING AND PROVIDE ACCORDINGLY.
7. PROVIDE CEILING ADAPTERS FOR MOUNTING ON SLOPED AND FLAT CEILING TO OBTAIN A NEAT AND FINISHED APPEARANCE. PROVIDE PROPER LENGTH SUPPORTS FOR ALL LUMINARIES TO OBTAIN M.H. AS INDICATED ON SCHEDULES/PLANS. SCOPE INCLUDES ALL OUTLETS BOXES, SUPPORTS MEMBERS, CHAIN/CABLE SUPPORTS, FITTINGS AND ALL OTHER LABOR AND MATERIALS TO OBTAIN A COMPLETE INSTALLATION.
8. PROVIDE CUSTOM COLOR AS SELECTED BY ARCHITECT DURING SHOP DRAWING SUBMITTALS.
9. FIXTURE TO BE WET LISTED FOR EXTERIOR MOUNTING; PROVIDE ALL RECESSED BACK BOXES, WALL MOUNTING ACCESSORIES, FASTENERS AND SUPPORTS FOR PROPER MOUNTING OF FIXTURE.
10. WIRE EXIT LIGHTS TO BRANCH CIRCUITRY AS INDICATED ON PLANS. WIRE AHEAD OF ALL SWITCHING AND CONTROLS FOR CONTINUOUS OPERATION.
11. PROVIDE ARROWS AS INDICATED ON PLAN COORDINATE EXACT MOUNTING HEIGHT ARRANGEMENT WITH CEILING AND WALL CONSTRUCTION PRIOR TO ROUGH-IN. INTENT IS TO HAVE WALL MOUNTED EXIT LIGHT FIXTURES UNLESS CONDITIONS DO NOT FACILITATE.
12. PROVIDE FIXTURES COMPLETE WITH LENS, FUSING, COLD WEATHER BALLAST/DRIVER.
13. PROVIDE FIXTURE WITH STEM HANGER SETS, LENGTHS OF STEMS TO ACCOMMODATE MOUNTING HEIGHTS AS INDICATED ON PLANS. PROVIDE ALL ACCESSORIES, FASTENERS, AND SUPPORTS FOR A COMPLETE INSTILLATION. COORDINATE MOUNTING WITH OTHER TRADES.
14. PROVIDE A CONCRETE BASE REFER TO DETAIL 4 ON SHEET E100 FOR ADDITIONAL INFORMATION.
15. PROVIDE CUSTOM FIXTURE DETERMINED BY THE OWNER TO REPLACE EXISTING FIXTURE IN KIND.
16. PROVIDE DIMMABLE LED G9 BULB BASE EQUIVALENT TO A 40W INCANDESCENT BULB WITH FIXTURE.
17. PROVIDE SURFACE MOUNT CHANNEL "CH-502-A".
18. CONTRACTOR TO INCLUDE $10,000 MATERIAL ALLOWANCE FOR CUSTOM DESIGNED HISTORIC LUMINAIRE SELECTED BY VA DURING CONSTRUCTION. INCLUDE INSTALLATION AND WIRING.
19. CONTROLLED BY CONTACTOR THROUGH PHOTOCELL.

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW G. ABRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: SCHEDULES

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025

Checked: MSG

Drawn: SAP

Project Number: 621-24-103

Building Number: 35

Drawing Number: E300

VA FORM 08 - 6231

Autodesk Docs://Mt Home VA - Restoration of B35 Theater/2024-05141-MEP-Central.rvt

7/1/2025 6:17:53 PM

CAT6A COLOR CODES

CABLE JACKET COLOR	JACK COLOR	USAGE
GREEN	GREEN	WiFi VA
BLUE	BLUE	DATA
RED	RED	SECURITY
WHITE	WHITE	PLAIN OI TELEPHONE (POTS LINE)

CAT6 COLOR CODES

CABLE JACKET COLOR	JACK COLOR	USAGE
PURPLE	PURPLE	SURVEILLANCE

No.	Camera Location
1	Existing East Exterior
2	Exostomg West Exteropr
3	Existing North Exterior
4	Existing Back Stage Exterior Entry
5	IT 003A
6	Corridor 103 Back Of Stage
7	Stage 102 Side Entry Interior
8	Auditorium 101 East
9	Auditorium 101 West
10	Lobby 100 Stair South West
11	Lobby 100 Stair South East
12	Front South East Exterior
13	Front South West Exterior
14	Balcony 202 West Interior
15	Balcony 202 East Interior
16	Balcony 202 South West
17	Balcony 202 South East
18	Mech/Elec Room

TECHNOLOGY SYMBOLS

AP	CEILING MOUNTED (OFCI) WIRELESS ACCESS POINT, WITH (CFCI) DATA DROP ABOVE CEILING. PROVIDE 10' COIL IN DATA CABLE TO FACILITATE FUTURE RELOCATION OF WAP.

SECURITY SYMBOLS

CC X	SSTV SYSTEM CEILING MOUNTED CAMERA AND DATA DROP. REFER TO CAMERA SCHEDULE FOR MOUNTING HEIGHT AND CAMERA SPECIFICATIONS. SUBSCRIPT "X" INDICATES ENTRY IN CAMERA SCHEDULE.

SECURITY SYMBOLS WITH ELECTRICAL REQUIREMENTS

CC X	SSTV SYSTEM WALL MOUNTED CAMERA (REFER TO CAMERA SCHEDULE FOR MOUNTING HEIGHT, CAMERA SPECIFICATIONS, AND DATA DROP). SUBSCRIPT "X" INDICATES ENTRY IN CAMERA SCHEDULE. 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, CAMERA AND CABLING.
DM	DOOR POSITION SWITCH WITH WIRING. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, PROVIDE ONE CONTACT FOR EACH LEAF IN MULTI-DOOR OPENINGS. REFER TO SECURITY ROUGH-IN DETAILS.
EDC X	ELECTRONIC DOOR CONTROL. SUBSCRIPT "X" INDICATES SPECIFIC DOOR. REFER TO ELECTRONIC DOOR CONTROL SCHEDULE FOR REQUIREMENTS.
EL	ELECTRONIC DOOR LOCK AND INSTALLATION. LOW VOLTAGE WIRING AND CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, REFER TO SECURITY ROUGH-IN DETAILS.
EM	ELECTRONIC MAG LOCK AND INSTALLATION. LOW VOLTAGE WIRING AND CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, REFER TO SECURITY ROUGH-IN DETAILS.
ES	ELECTRONIC STRIKE AND INSTALLATION. LOW VOLTAGE WIRING AND CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, REFER TO SECURITY ROUGH-IN DETAILS.
HA	WALL/PEDESTAL MOUNT HANDICAP DOOR ACTUATOR BUTTON, FURNISHED. BOX AS REQUIRED BY SYSTEM MANUFACTURER WITH INSTALLATION AND CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, ALL LOW VOLTAGE WIRING AND INTERFACE WITH SMS AND DOOR MOTOR. REFER TO SECURITY ROUGH-IN DETAILS.
HD	HANDICAP DOOR OPERATOR MOTOR ASSEMBLY. 120V POWER CONNECTION AND CONDUIT FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. LOW VOLTAGE WIRING AND INTERFACE WITH SMS AND DOOR ACTUATOR BUTTONS. REFER TO SECURITY ROUGH-IN DETAILS.
JB M	SECURITY SYSTEM JUNCTION BOX TO BE LOCATED ABOVE ACCESSIBLE CEILING (MIN 6"X6"X4"). ROUTE LOCAL DOOR SECURITY WIRING CONDUITS/RACEWAYS TO JUNCTION BOX. EXTEND 1" CONDUIT WITH DOOR SECURITY WIRING TO LOCAL 2-DOOR CONTROL PANEL/REMOTE DOOR CONTROL PANEL AS INDICATED ON DRAWINGS. REFER TO SECURITY ROUGH-IN DETAILS.
KC	WALL MOUNTED COMBINATION KEYPAD/CARD READER (46" MH UNLESS NOTED OTHERWISE). 2-GANG BOX WITH 0.75" CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, DEVICE AND CABLING.

GENERAL NOTES

A. *** CRITICAL *** THE DATA CONNECTION TO THE ADJOINING BUILDING FOR THE CEMETERY PLOT COMPUTER SYSTEM WILL BE TRANSITIONED TO THE NEW TR LOCATION. THIS TRANSITION WILL BE COORDINATED CLOSELY WITH THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND CEMETERY STAFF TO MINIMIZE SERVICE DISRUPTION/INTERRUPTION OF THE EXISTING DATA CONNECTION. THIS CONNECTION SHALL BE IDENTIFIED AND TAGGED AT THE EXISTING TR. THIS IDENTIFICATION SHALL BE IN A MANNER THAT FACILITATES EASE OF IDENTIFICATION AND PREVENTS DISRUPTION OF SERVICE. THE NEW TR SHALL BE OPERATIONAL FROM A CONNECTIVITY/USE POINT BEFORE THE DISCONNECTION OF THE IDENTIFIED DATA JACK. THEN THE DATA JACK CAN BE DECOMMISSIONED FROM THE PREVIOUS TR LOCATION AND RE-TERMINATED AT THE ACTIVE NEW TR LOCATION. 100% UPTIME CANNOT BE GUARANTEED DURING THE MOVE. EVERY EFFORT WILL BE MADE TO ENSURE THAT DOWNTIME IS LIMITED TO THE ABSOLUTE MINIMUM NECESSARY TO COMPLETE THE RELOCATION AND TERMINATION.

B. CONDUITS SHALL BE SIZED FOR 1" MINIMUM UNLESS OTHERWISE NOTED.

C. UTILIZE EXISTING CABLING PATHWAYS UNLESS OTHERWISE NOTED. ALTERATIVE ROUTES MAYBE UTILIZED, WHICH ARE COORDINATED WITH VA COR AND OTHER TRADES. FINAL ROUTING OF TELECOMMUNICATIONS CABLING SHALL BE APPROVED BY THE COR.

D. ALL JUNCTION BOXES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.

E. FIRESTOP ALL HORIZONTAL AND VERTICAL PENETRATIONS.

F. VERIFY EXACT LOCATION OF ALL CEILING MOUNTED DEVICES WITH REFLECTED CEILING PLAN AND/OR ARCHITECT PRIOR TO ROUGH-IN. COORDINATE LOCATIONS OF CEILING MOUNTED DEVICES WITH LIGHT FIXTURES, MECHANICAL DUCTS, AND SPRINKLER PIPES AND HEADS BEFORE ROUGH-IN TO PREVENT CONFLICTS.

G. REMOVE EXISTING CEILING TILES AS REQUIRED FOR INSTALLATION OF NEW TECHNOLOGY ITEMS AND REINSTALL TILES IN A SIMILAR MANNER AS NOW EXISTS.

H. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF OUTLETS AND DEVICES.

I. COORDINATE EXACT LOCATION OF ALL SWITCHES, RECEPTACLES, DATA OUTLETS, VOLUME CONTROLLERS, AV SYSTEM CONTROLLERS, THERMOSTATS, ETC. WITH RESPECTIVE CONTRACTORS PRIOR TO ROUGH-INS. ALL MOUNTING HEIGHTS OF DEVICES WHICH ARE MOUNTED ADJACENT TO EACH OTHER SHALL BE AT THE SAME DISTANCE MEASURED ABOVE THE FINISHED FLOOR.

J. STAGGER RECEPTACLES AND OTHER RECESSED OUTLETS WHEN LOCATED ON OPPOSITE SIDES OF PARTITION / WALL TO ELIMINATE SOUND TRANSMISSION FROM ONE SPACE TO THE OTHER.

K. WHERE DEVICES ARE MOUNTED IN AREAS WHERE THERE ARE EXPOSED CEILINGS, COORDINATE THE EXACT MOUNTING / LOCATION WITH THE STRUCTURAL SUPPORT MEMBERS AND WORK OF OTHER TRADES. PROVIDE ALL NECESSARY LABOR AND MATERIALS TO ACHIEVE MOUNTING HEIGHTS AND LOCATIONS AS INDICATED ON THE PLANS.

L. REFER TO ARCHITECTURAL SPECIFICATIONS AND DOCUMENTS FOR CONSTRUCTION PHASING SEQUENCE.

M. REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE ANY EXPOSED CONDUITS WITHIN THE FINISHED PORTIONS OF THE BUILDING FOR PRIME AND PAINTING REQUIREMENTS.

N. ALL EMPTY CONDUITS SHALL BE INSTALLED WITH PULL STRING.

O. WHERE EXISTING WALLS ARE FURRED ON ONE SIDE, ALL NEW SERVICES SHALL BE INSTALLED IN THE WALL FROM THE FURRED OUT SIDE OF THE WALL.

P. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION.

Q. ALL CONDUIT SLEEVES AND PATHWAYS SHOWN ON BID DOCUMENTS SHALL BE PROVIDED. ALL CONDUIT SLEEVES THRU WALLS AND FLOORS, NOT SPECIFICALLY SHOWN ON DRAWINGS BUT REQUIRED FOR COMPLIANT INSTALLATION OF CABLING SHALL BE PROVIDED AS PART OF THE SCOPE OF WORK.

R. COMPLETELY AND THOROUGHLY COORDINATE ALL PATHWAYS BEING PROVIDED. ANY PATHWAYS THAT ARE PROVIDED THAT CAUSE CABLING INSTALLATION TO BE NON-COMPLIANT SHALL BE BROUGHT TO THE ATTENTION OF THE COR PRIOR TO THE INSTALLATION OF CABLING FOR RESOLUTION.

S. A 3.5" DEEP MASONRY BOX SHALL BE USED IN CMU WALLS.

T. BOND ALL CABLE RUNWAY SPLICES AND BUTT JOINTS WITH #6 AWG BOLTED TO CABLE RUNWAY. REMOVE PAINT OFF OF CABLE RUNWAY FOR METAL TO METAL CONNECTION AND APPLY ANTI-OXIDANT JOINT COMPOUND OVER ANY REMAINING AREAS WITH BARE METAL EXPOSED.

U. ALL CONDUITS SHALL HAVE NYLON BUSHINGS INSTALLED.

V. PULL BOXES SHALL NOT BE USED TO CHANGE DIRECTION AND SHALL BE INSTALLED IN LINE WITH CONDUIT.

TECHNOLOGY SYMBOLS WITH ELEC. REQUIREMENTS

	CONDUIT SLEEVE / FIRE RATED SLEEVE ASSEMBLY THRU WALL (1-2" SLEEVE UNLESS NOTED OTHERWISE).
X	WALL MOUNTED DATA OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT(S) TO ABOVE ACCESSIBLE CEILING, JACKS, FACEPLATE AND CABLING. SUBSCRIPT "X" DESIGNATES QUANTITY OF DATA CABLES. REFER TO FACEPLATE DETAILS.
X	OUTLET LOCATED ABOVE ACCESSIBLE CEILING. JACKS, PLENUM RATED SURFACE MOUNT BOX AND CABLING. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION. # INDICATES OUTLET TYPE ON THIS LEGEND, REFER TO FACEPLATE DETAILS.
	WALL MOUNTED PHONE OUTLET (46" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING, JACKS, FACEPLATE AND CABLING. REFER TO FACEPLATE DETAILS.
X	DATA OUTLET LOCATED ABOVE ACCESSIBLE CEILING. JACKS, PLENUM RATED SURFACE MOUNT BOX AND CABLING. SUBSCRIPT "X" DESIGNATES QUANTITY OF DATA CABLES. REFER TO FACEPLATE DETAILS.
AP	WALL MOUNTED (OFCI) WIRELESS ACCESS POINT. (96" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING, WAP AND CABLING. REFER TO FACEPLATE DETAILS.

GENERAL FLOOR PLAN NOTES

B / T2	DETAIL: B = DETAIL DESIGNATION T2 = SHEET WHERE DETAIL IS LOCATED
1 / T2	SECTION: 1 = SECTION DESIGNATION T2 = SHEET WHERE SECTION IS LOCATED
T2 1	ELEVATION: 1 = ELEVATION DESIGNATION T2 = SHEET WHERE ELEVATION IS LOCATED
3	PLAN NOTE. APPLIES ONLY TO THE SHEET WHICH IT IS SHOWN.
3	DETAIL NOTE. APPLIES ONLY TO THE ASSOCIATED DETAIL.
	LADDER TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	CABLE TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	CONDUIT RUN IN WALL OR ABOVE CEILING.
	CONDUIT RUN IN SLAB OR UNDERGROUND.
CM	CABLE MANAGEMENT SYSTEM PATHWAY.
XX X	DASH SYMBOL INDICATES PARTICULAR OUTLET, DEVICE, OR EQUIPMENT TO BE REMOVED AND SUPPORTING CABLING TO BE REMOVED BACK TO SOURCE OF ORIGIN UNLESS NOTED OTHERWISE.
XX X	EXISTING OUTLET, DEVICE, OR EQUIPMENT TO REMAIN. MAINTAIN EXISTING CABLING.
#	SURFACE MOUNTED OUTLET OR DEVICE. REFER TO PLANS AND DETAILS.

NOTE:
ALL SYMBOLS AND ABBREVIATIONS ARE SUBJECT TO MODIFICATIONS ON OTHER DRAWINGS.
ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.

GENERAL DEMOLITION NOTES

A. *** CRITICAL *** THE DATA CONNECTION TO THE ADJOINING BUILDING FOR THE CEMETERY PLOT COMPUTER SYSTEM WILL BE TRANSITIONED TO THE NEW TR LOCATION. THIS TRANSITION WILL BE COORDINATED CLOSELY WITH THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND CEMETERY STAFF TO MINIMIZE SERVICE DISRUPTION/INTERRUPTION OF THE EXISTING DATA CONNECTION. THIS CONNECTION SHALL BE IDENTIFIED AND TAGGED AT THE EXISTING TR. THIS IDENTIFICATION SHALL BE IN A MANNER THAT FACILITATES EASE OF IDENTIFICATION AND PREVENTS DISRUPTION OF SERVICE. THE NEW TR SHALL BE OPERATIONAL FROM A CONNECTIVITY/USE POINT BEFORE THE DISCONNECTION OF THE IDENTIFIED DATA JACK. THEN THE DATA JACK CAN BE DECOMMISSIONED FROM THE PREVIOUS TR LOCATION AND RE-TERMINATED AT THE ACTIVE NEW TR LOCATION. 100% UPTIME CANNOT BE GUARANTEED DURING THE MOVE. EVERY EFFORT WILL BE MADE TO ENSURE THAT DOWNTIME IS LIMITED TO THE ABSOLUTE MINIMUM NECESSARY TO COMPLETE THE RELOCATION AND TERMINATION.

B. RE-SUPPORT ANY EXISTING WIRING OR CONDUITS TO REMAIN.

C. REMOVAL PLANS MAY NOT NECESSARILY SHOW ALL ITEMS REQUIRED TO BE REMOVED. MAINTAIN FUNCTIONALITY OF EXISTING TELECOMMUNICATIONS SYSTEMS CUT OFF BY REMOVALS.

D. REMOVE ANY EQUIPMENT THAT IS TO BE SALVAGED AND REINSTALLED. DOCUMENT EQUIPMENT FUNCTION PRIOR TO REMOVAL AND PROVIDE STORAGE FOR THE EQUIPMENT UNTIL RE-INSTALLATION. ANY EXTRA EQUIPMENT NOT USED SHALL BE TURNED OVER TO THE VA.

E. ALL CONDUITS AND TELECOMMUNICATIONS CABLING LOCATED INSIDE DEMO WALLS SHALL BE REROUTED TO INSURE A COMPLETE AND FUNCTIONAL SYSTEM WHILE ACCOMMODATING THE WALL REMOVAL.

F. REFER TO THE ARCHITECTURAL DOCUMENTS FOR CONSTRUCTION PHASING SEQUENCE.

G. ALL EXISTING CONDUIT, EQUIPMENT, AND DEVICES SHOWN DASHED SHALL BE REMOVED. REMOVE ALL INCIDENTAL ITEMS ASSOCIATED WITH THE DEMOLITION WORK.

H. REMOVALS OF TELEPHONE / DATA OUTLETS INCLUDE REMOVAL OF THE DEVICE, BACKBOX, CONDUIT AND CABLING BACK TO THE POINT OF ORIGINATION.

I. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS SHALL BE COORDINATED IN THE FIELD.

J. RECABLE ALL DEVICES, FROM THE DEVICE BACK TO THE NEW IT ROOM 003A.

ABBREVIATIONS

AAP	- AREA ALARM PANEL - MEDICAL GAS
ACC	- ACCESS
ADJ	- ADJUSTABLE
AF	- ARC FAULT CIRCUIT INTERRUPTER
AFCI	- ARC FAULT CIRCUIT INTERRUPTER
AFF	- ABOVE FINISHED FLOOR TO BOTTOM OF ITEM
AFG	- ABOVE FINISHED GRADE TO BOTTOM OF ITEM
ALT	- ALTERNATE
AP	- ACCESS PANEL
APPROX	- APPROXIMATE
ARCH	- ARCHITECT OR ARCHITECTURAL
ASSY	- ASSEMBLY
ATS	- AUTOMATIC TRANSFER SWITCH
BLDG	- BUILDING
BOE	- BOTTOM OF EQUIPMENT
BOT	- BOTTOM
BTWN	- BETWEEN
CFCI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CKT	- CIRCUIT
CLG	- CEILING
CMU	- CONCRETE MASONRY UNIT
CONN	- CONNECT OR CONNECTION
COR	- CONTRACTING OFFICER'S REPRESENTATIVE
CORR	- CORRIDOR
CTR	- CENTER
D	- DEPTH
DET	- DETAIL
DIA	- DIAMETER
DIM	- DIMENSION
DIV	- DIVISION
DN	- DOWN
DWG	- DRAWING
EA	- EACH
EC	- ELECTRICAL (DIVISION 26)
EJ	- EXPANSION JOINT
ELEC	- ELECTRICAL
ELEV	- ELEVATION OR ELEVATOR
EM	- EMERGENCY
EQ	- EQUAL
EQS	- EQUIPMENT SUPPLIER
EQUIP	- EQUIPMENT
ETR	- EXISTING TO REMAIN
EX	- EXISTING
EXP	- EXPANSION
EXT	- EXTERIOR
FCE	- FIRE CONTROL EQUIPMENT
FF	- FINISHED FLOOR ELEVATION
FLR	- FLOOR
FSC	- FIRE SUPPRESSION (DIVISION 21)
FT	- FEET
FTG	- FOOTING
GC	- GENERAL TRADES (DIVISION 01)
GF	- GROUND FAULT CIRCUIT INTERRUPTER
GFCI	- GROUND FAULT CIRCUIT INTERRUPTER OR GOVERNMENT FURNISHED CONTRACTOR INSTALLED
GFFT	- GROUND FAULT FEED THRU
HC	- HVAC (DIVISION 23)
HP	- HORSE POWER OR HIGH POINT
HVAC	- HEATING, VENTILATING, AND AIR CONDITIONING
ID	- INSIDE DIAMETER
IN	- INCHES
KEC	- KITCHEN EQUIPMENT CONTRACTOR
L	- LENGTH
LBS	- POUNDS
MAP	- MASTER ALARM PANEL (MEDICAL GAS)
MAX	- MAXIMUM
MEZZ	- MEZZANINE
MFR	- MANUFACTURER
MH	- MANHOLE OR MOUNTING HEIGHT TO CENTER LINE OF ITEM
MIN	- MINIMUM OR MINUTE
MISC	- MISCELLANEOUS
MTD	- MOUNTED
MTG	- MOUNTING
NIC	- NOT IN CONTRACT
NOM	- NOMINAL
NTS	- NOT TO SCALE
OD	- OUTSIDE DIAMETER
OFCI	- OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	- OWNER FURNISHED OWNER INSTALLED
PACS	- PHYSICAL ACCESS CONTROL SYSTEM
PC	- PLUMBING (DIVISION 22)
PLBG	- PLUMBING
RAD	- RADIUS
REC	- RECESSED
REQD	- REQUIRED
RI	- ROUGH-IN
S	- SURFACE MOUNTED
SC	- SECURITY (DIVISION 28)
SCH	- SCHEDULE
SHT	- SHEET
SMS	- SECURITY MANAGEMENT SYSTEM
SPEC	- SPECIFICATIONS
SQ	- SQUARE
SS	- STAINLESS STEEL
SSTV	- SURVEILLANCE SYSTEM TELEVISION
STD	- STANDARD
STRUC	- STRUCTURAL OR STRUCTURE
SUC	- SITE UTILITY CONTRACTOR
TC	- TECHNOLOGY (DIVISION 27/28)
TEMP	- TEMPERATURE
TOE	- TOP OF EQUIPMENT
TYP	- TYPICAL
UNO	- UNLESS NOTED OTHERWISE
VA	- VETERANS AFFAIRS
VFD	- VARIABLE FREQUENCY DRIVE
VOL	- VOLUME
W/	- WITH
W/O	- WITHOUT
WP	- WEATHERPROOF
ZVC	- ZONE VALVE CABINET

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Space Tag	Stage 102 S	Stage 102 S	Auditorium 101 Ceiling	Auditorium 101 Ceiling	Projector Booth 300	Projector Booth 300	Projector Booth 300	Projector Booth 300	Mech 201	Corridor 2nd Floor behind stage	Corridor 1st Floor behind stage	Stage 102 S	Outside Mech/Elec Room 001	TR 003A	Storage 109	Storage 109	Storage 109	Storage 109	Stage 102 N	Stage 102 N	Orchestral Pit	Orchestral Pit	Proj Booth 300	Proj Booth 300
Patch Panel 1																								
Jack location	2D		2D - Ceiling		4D AV Rack				Wall mount 1D	Wall mount 1D	Wall mount 1D	Wall mount 1D	Wall mount 1D	Wall mount 1D	4D AV Rack				2D AV Panel		2D AV Panel		New Desk 2D AV	
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Space Tag	Auditorium 101	Auditorium 101	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
Patch Panel 1			Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
Jack location	2D AV Panel		Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Space Tag	Exist East Exterior	Exist West Exterior	Exist North Exterior	Eisting Back Stage Entry	TR 003A	Corridor 103	Stage 102	Auditorium East	Auditorium West	Lobby South West	Lobby South East/Front	Exterior South West/Front	Exterior South West/Front	Balcony West Interior	Balcony East Interior	Balcony South West	Balcony South East	Mech/Elec Room 003	Spare	Spare	Spare	Spare	Spare	Spare
Patch Panel 2																			Spare	Spare	Spare	Spare	Spare	Spare
Jack location	Camera 1	Camera 2	Camera 3	Camera 4	Camera 5	Camera 6	Camera 7	Camera 8	Camera 9	Camera 10	Camera 11	Camera 12	Camera 13	Camera 14	Camera 15	Camera 16	Camera 17	Spare	Spare	Spare	Spare	Spare	Spare	Spare
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Space Tag	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
Patch Panel 2	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
Jack location	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Space Tag	Stage 102 S	Stage 102 S	Stage 102 N	Stage 102 N	Stage 102 E	Stage 102 E	Lobby 100 W	Lobby 100 W	Lobby 100 N	Lobby 100 N	Lobby 100 S	Lobby 100 S	Balcony N	Balcony N	Balcony S	Balcony S	Balcony W	Balcony W	Lobby 200 N	Lobby 200 N	Lobby 200 S	Lobby 200 S	Corridor back stage 2nd Fl	Corridor back stage 2nd Fl
Patch Panel 3																								
Jack location	2D		2D		2D		2D		2D		2D		2D		2D		2D		2D		2D		2D	
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Space Tag	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
Patch Panel 3	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
Jack location	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW C. GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: ABBREVIATIONS, LEGEND & GENERAL NOTES

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025

Checked: JCM

Drawn: JWE

Project Number: 621-24-103

Building Number: 35

Drawing Number: T001

Autodesk Docs://IM Home VA - Restoration of B35 Theater/2024-05141-MEP-Central.rvt

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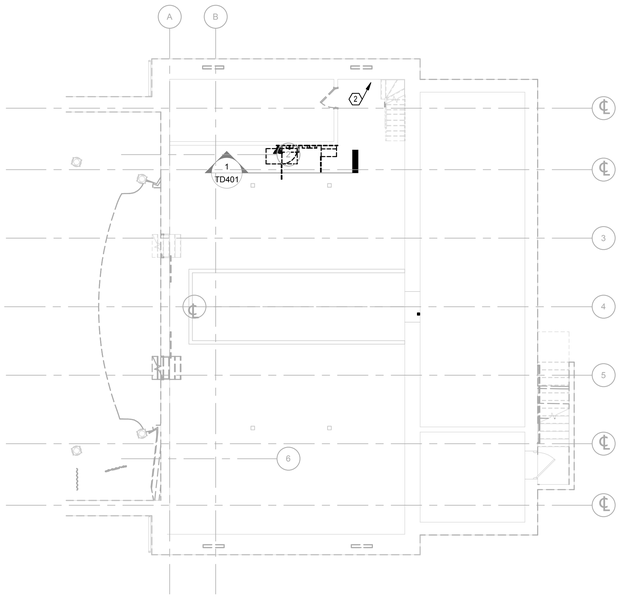
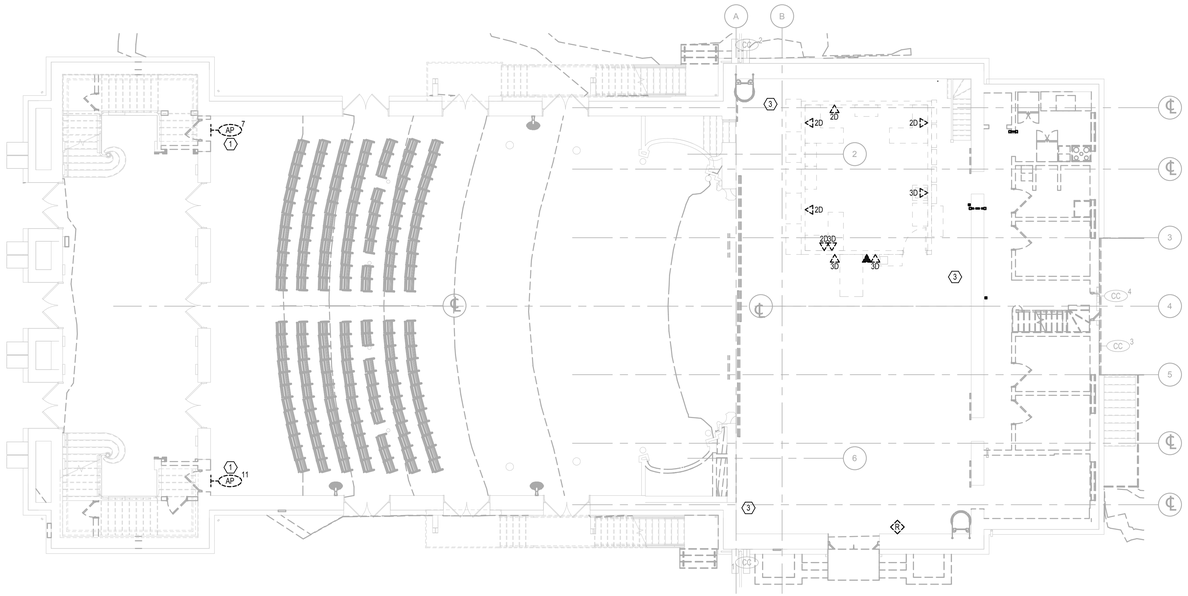
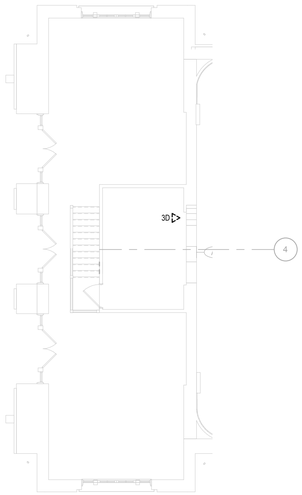


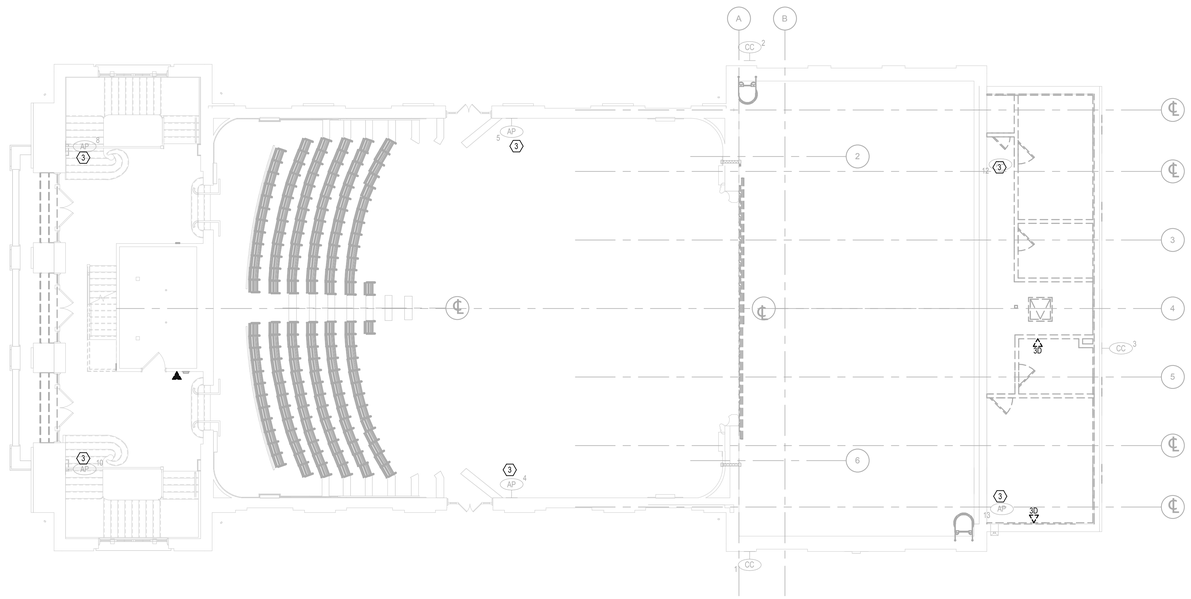
2 TECHNOLOGY PLAN - BASEMENT - DEMOLITION
1/8" = 1'-0"



1 TECHNOLOGY PLAN - FIRST FLOOR - DEMOLITION
1/8" = 1'-0"



4 TECHNOLOGY PLAN - PROJECTOR BOOTH - DEMOLITION
1/8" = 1'-0"



3 TECHNOLOGY PLAN - BALCONY AND SECOND FLOOR - DEMOLITION
1/8" = 1'-0"

PLAN NORTH

GENERAL DEMOLITION NOTES

A. *** CRITICAL *** THE DATA CONNECTION TO THE ADJOINING BUILDING FOR THE CEMETERY PLOT COMPUTER SYSTEM WILL BE TRANSITIONED TO THE NEW TR LOCATION. THIS TRANSITION WILL BE COORDINATED CLOSELY WITH THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND CEMETERY STAFF TO MINIMIZE SERVICE DISRUPTION/INTERRUPTION OF THE EXISTING DATA CONNECTION. THIS CONNECTION SHALL BE IDENTIFIED AND TAGGED AT THE EXISTING TR. THIS IDENTIFICATION SHALL BE IN A MANNER THAT FACILITATES EASE OF IDENTIFICATION AND PREVENTS DISRUPTION OF SERVICE. THE NEW TR SHALL BE OPERATIONAL FROM A CONNECTIVITY/USE POINT BEFORE THE DISCONNECTION OF THE IDENTIFIED DATA JACK. THEN THE DATA JACK CAN BE DECOMMISSIONED FROM THE PREVIOUS TR LOCATION AND RE-TERMINATED AT THE ACTIVE NEW TR LOCATION. 100% UPTIME CANNOT BE GUARANTEED DURING THE MOVE. EVERY EFFORT WILL BE MADE TO ENSURE THAT DOWNTIME IS LIMITED TO THE ABSOLUTE MINIMUM NECESSARY TO COMPLETE THE RELOCATION AND TERMINATION.

B. RE-SUPPORT ANY EXISTING WIRING OR CONDUITS TO REMAIN.

C. REMOVAL PLANS MAY NOT NECESSARILY SHOW ALL ITEMS REQUIRED TO BE REMOVED. MAINTAIN FUNCTIONALITY OF EXISTING TELECOMMUNICATIONS SYSTEMS CUT OFF BY REMOVALS.

D. REMOVE ANY EQUIPMENT THAT IS TO BE SALVAGED AND REINSTALLED. DOCUMENT EQUIPMENT FUNCTION PRIOR TO REMOVAL AND PROVIDE STORAGE FOR THE EQUIPMENT UNTIL RE-INSTALLATION. ANY EXTRA EQUIPMENT NOT USED SHALL BE TURNED OVER TO THE VA.

E. ALL CONDUITS AND TELECOMMUNICATIONS CABLING LOCATED INSIDE DEMO WALLS SHALL BE REROUTED TO INSURE A COMPLETE AND FUNCTIONAL SYSTEM WHILE ACCOMMODATING THE WALL REMOVAL.

F. REFER TO THE ARCHITECTURAL DOCUMENTS FOR CONSTRUCTION PHASING SEQUENCE.

G. ALL EXISTING CONDUIT, EQUIPMENT, AND DEVICES SHOWN DASHED SHALL BE REMOVED. REMOVE ALL INCIDENTAL ITEMS ASSOCIATED WITH THE DEMOLITION WORK.

H. REMOVALS OF TELEPHONE / DATA OUTLETS INCLUDE REMOVAL OF THE DEVICE, BACKBOX, CONDUIT AND CABLING BACK TO THE POINT OF ORIGINATION.

I. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS SHALL BE COORDINATED IN THE FIELD.

J. RECABLE ALL DEVICES, FROM THE DEVICE BACK TO THE NEW IT ROOM 003A.

PLAN NOTES

1. NOTED WAP (WIRELESS ACCESS POINT) SHALL BE DOCUMENTED AS TO THE WORKING CONDITION AT TIME OF REMOVAL, AND TURNED OVER TO THE GOVERNMENT FOR STORAGE. EQUIPMENT SHALL BE REINSTALLED AND TESTED AGAIN AFTER INSTALLATION AT NEW LOCATION.
2. EXISTING CONDUIT FROM BASEMENT TO FIRST FLOOR TO BE RELOCATED AS SHOWN ON SHEET T101.
3. RECABLE FROM NEW IT ROOM TO LOCATION. SEE DETAIL SHEET FOR QUANTITY AND CABLE COLOR.

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO
MATTHEW W. GRAHAM
72670
REGISTERED
PROFESSIONAL ENGINEER
7/1/2025

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: DEMOLITION PLANS

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: JCM | Drawn: JWE

Project Number: 621-24-103

Building Number: 35

Drawing Number: TD101

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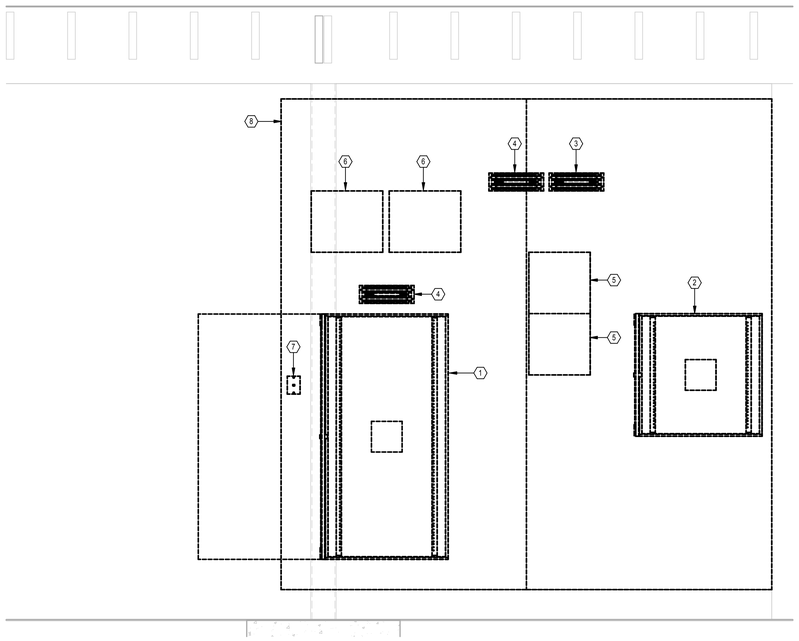

1 DATA/ TELECOM WALL ELEVATION DEMOLITION
1" = 1'-0"

GENERAL DEMOLITION NOTES

A. *** CRITICAL *** THE DATA CONNECTION TO THE ADJOINING BUILDING FOR THE CEMETERY PLOT COMPUTER SYSTEM WILL BE TRANSITIONED TO THE NEW TR LOCATION. THIS TRANSITION WILL BE COORDINATED CLOSELY WITH THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND CEMETERY STAFF TO MINIMIZE SERVICE DISRUPTION/INTERRUPTION OF THE EXISTING DATA CONNECTION. THIS CONNECTION SHALL BE IDENTIFIED AND TAGGED AT THE EXISTING TR. THIS IDENTIFICATION SHALL BE IN A MANNER THAT FACILITATES EASE OF IDENTIFICATION AND PREVENTS DISRUPTION OF SERVICE. THE NEW TR SHALL BE OPERATIONAL FROM A CONNECTIVITY/USE POINT BEFORE THE DISCONNECTION OF THE IDENTIFIED DATA JACK. THEN THE DATA JACK CAN BE DECOMMISSIONED FROM THE PREVIOUS TR LOCATION AND RE-TERMINATED AT THE ACTIVE NEW TR LOCATION. 100% UPTIME CANNOT BE GUARANTEED DURING THE MOVE. EVERY EFFORT WILL BE MADE TO ENSURE THAT DOWNTIME IS LIMITED TO THE ABSOLUTE MINIMUM NECESSARY TO COMPLETE THE RELOCATION AND TERMINATION.

B. RE-SUPPORT ANY EXISTING WIRING OR CONDUITS TO REMAIN.

C. REMOVAL PLANS MAY NOT NECESSARILY SHOW ALL ITEMS REQUIRED TO BE REMOVED. MAINTAIN FUNCTIONALITY OF EXISTING TELECOMMUNICATIONS SYSTEMS CUT OFF BY REMOVALS.

D. REMOVE ANY EQUIPMENT THAT IS TO BE SALVAGED AND REINSTALLED. DOCUMENT EQUIPMENT FUNCTION PRIOR TO REMOVAL AND PROVIDE STORAGE FOR THE EQUIPMENT UNTIL RE-INSTALLATION. ANY EXTRA EQUIPMENT NOT USED SHALL BE TURNED OVER TO THE VA.

E. ALL CONDUITS AND TELECOMMUNICATIONS CABLING LOCATED INSIDE DEMO WALLS SHALL BE REROUTED TO INSURE A COMPLETE AND FUNCTIONAL SYSTEM WHILE ACCOMMODATING THE WALL REMOVAL.

F. REFER TO THE ARCHITECTURAL DOCUMENTS FOR CONSTRUCTION PHASING SEQUENCE.

G. ALL EXISTING CONDUIT, EQUIPMENT, AND DEVICES SHOWN DASHED SHALL BE REMOVED. REMOVE ALL INCIDENTAL ITEMS ASSOCIATED WITH THE DEMOLITION WORK.

H. REMOVALS OF TELEPHONE / DATA OUTLETS INCLUDE REMOVAL OF THE DEVICE, BACKBOX, CONDUIT AND CABLING BACK TO THE POINT OF ORIGINATION.

I. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS SHALL BE COORDINATED IN THE FIELD.

J. RECABLE ALL DEVICES, FROM THE DEVICE BACK TO THE NEW IT ROOM 003A.

PLAN NOTES

1. RELOCATING EQUIPMENT INSIDE OF WALL MOUNTED RACK TO NEW FLOOR MOUNTED RACK IN ROOM IT 003A. RETURN EXISTING WALL RACK TO VA.
2. RELOCATING VA POLICE SSTV EQUIPMENT TO NEW FLOOR MOUNTED RACK IN ROOM IT 003A. RETURN EXISTING WALL RACK TO VA.
3. RELOCATE LIGHTNING PROTECTION FOR 66 BLOCK TELEPHONE CONNECTION TO ROOM IT 003A.
4. RELOCATING 66 BLOCK TELEPHONE CONNECTION TO ROOM IT 003A.
5. EXTEND FIBER TO NEW ROOM IT 003A AND TERMINATE AT TOP OF FLOOR MOUNTED RACK.
6. RELOCATING TO REMAIN COPPER BACKBONE TO ROOM IT 003A.
7. RELOCATING TO REMAIN WALL PHONE TO ROOM IT 003A.
8. PLYWOOD BACKBOARD TO REMAIN.

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW A. GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER 7/1/2025

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: DATA/TELECOM ELEVATION

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025 | Checked: JCM | Drawn: JWE

Project Number: 621-24-103

Building Number: 35

Drawing Number: TD401

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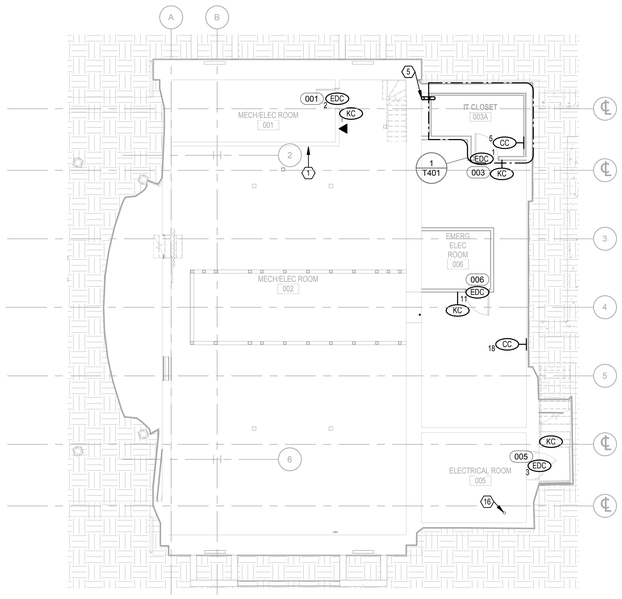
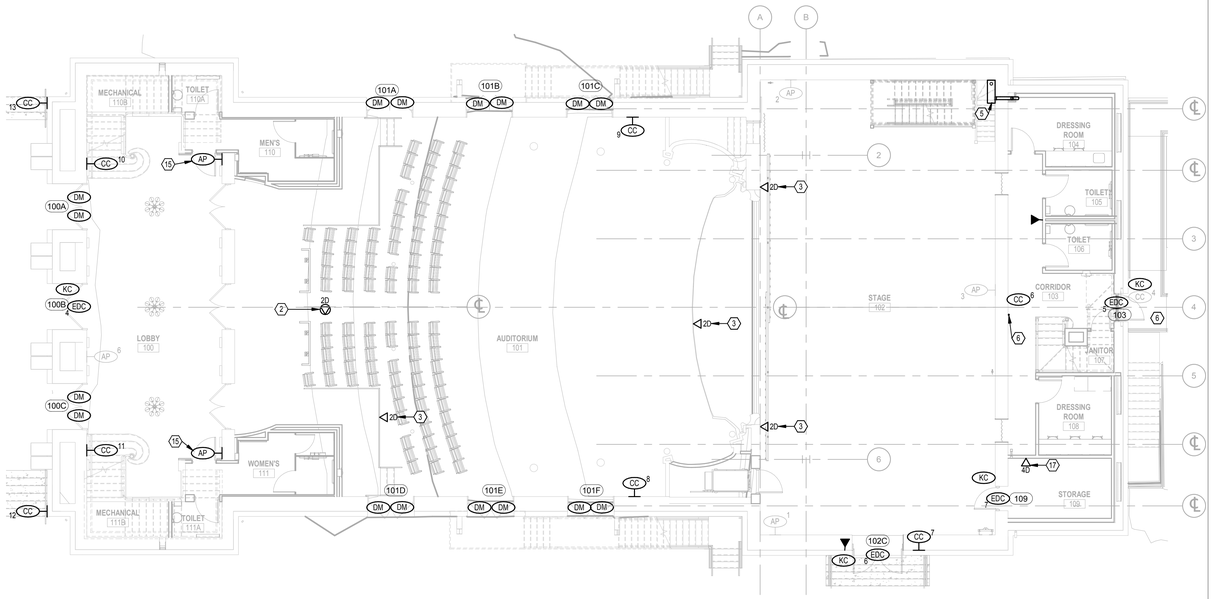


2 TECHNOLOGY PLAN - BASEMENT - NEW WORK
1/8" = 1'-0"



1 TECHNOLOGY PLAN - FIRST FLOOR - NEW WORK
1/8" = 1'-0"

GENERAL NOTES

A. *** CRITICAL *** THE DATA CONNECTION TO THE ADJOINING BUILDING FOR THE CEMETERY PLOT COMPUTER SYSTEM WILL BE TRANSITIONED TO THE NEW TR LOCATION. THIS TRANSITION WILL BE COORDINATED CLOSELY WITH THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND CEMETERY STAFF TO MINIMIZE SERVICE DISRUPTION/INTERRUPTION OF THE EXISTING DATA CONNECTION. THIS CONNECTION SHALL BE IDENTIFIED AND TAGGED AT THE EXISTING TR. THIS IDENTIFICATION SHALL BE IN A MANNER THAT FACILITATES EASE OF IDENTIFICATION AND PREVENTS DISRUPTION OF SERVICE. THE NEW TR SHALL BE OPERATIONAL FROM A CONNECTIVITY/USE POINT BEFORE THE DISCONNECTION OF THE IDENTIFIED DATA JACK. THEN THE DATA JACK CAN BE DECOMMISSIONED FROM THE PREVIOUS TR LOCATION AND RE-TERMINATED AT THE ACTIVE NEW TR LOCATION. 100% UPTIME CANNOT BE GUARANTEED DURING THE MOVE. EVERY EFFORT WILL BE MADE TO ENSURE THAT DOWNTIME IS LIMITED TO THE ABSOLUTE MINIMUM NECESSARY TO COMPLETE THE RELOCATION AND TERMINATION.

B. CONDUITS SHALL BE SIZED FOR 1" MINIMUM UNLESS OTHERWISE NOTED.

C. UTILIZE EXISTING CABLING PATHWAYS UNLESS OTHERWISE NOTED. ALTERATIVE ROUTES MAYBE UTILIZED, WHICH ARE COORDINATED WITH VA COR AND OTHER TRADES. FINAL ROUTING OF TELECOMMUNICATIONS CABLING SHALL BE APPROVED BY THE COR.

D. ALL JUNCTION BOXES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.

E. FIRESTOP ALL HORIZONTAL AND VERTICAL PENETRATIONS.

F. VERIFY EXACT LOCATION OF ALL CEILING MOUNTED DEVICES WITH REFLECTED CEILING PLAN AND/OR ARCHITECT PRIOR TO ROUGH-IN. COORDINATE LOCATIONS OF CEILING MOUNTED DEVICES WITH LIGHT FIXTURES, MECHANICAL DUCTS, AND SPRINKLER PIPES AND HEADS BEFORE ROUGH-IN TO PREVENT CONFLICTS.

G. REMOVE EXISTING CEILING TILES AS REQUIRED FOR INSTALLATION OF NEW TECHNOLOGY ITEMS AND REINSTALL TILES IN A SIMILAR MANNER AS NOW EXISTS.

H. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF OUTLETS AND DEVICES.

I. COORDINATE EXACT LOCATION OF ALL SWITCHES, RECEPTACLES, DATA OUTLETS, VOLUME CONTROLLERS, AV SYSTEM CONTROLLERS, THERMOSTATS, ETC. WITH RESPECTIVE CONTRACTORS PRIOR TO ROUGH-INS. ALL MOUNTING HEIGHTS OF DEVICES WHICH ARE MOUNTED ADJACENT TO EACH OTHER SHALL BE AT THE SAME DISTANCE MEASURED ABOVE THE FINISHED FLOOR.

J. STAGGER RECEPTACLES AND OTHER RECESSED OUTLETS WHEN LOCATED ON OPPOSITE SIDES OF PARTITION / WALL TO ELIMINATE SOUND TRANSMISSION FROM ONE SPACE TO THE OTHER.

K. WHERE DEVICES ARE MOUNTED IN AREAS WHERE THERE ARE EXPOSED CEILINGS, COORDINATE THE EXACT MOUNTING / LOCATION WITH THE STRUCTURAL SUPPORT MEMBERS AND WORK OF OTHER TRADES. PROVIDE ALL NECESSARY LABOR AND MATERIALS TO ACHIEVE MOUNTING HEIGHTS AND LOCATIONS AS INDICATED ON THE PLANS.

L. REFER TO ARCHITECTURAL SPECIFICATIONS AND DOCUMENTS FOR CONSTRUCTION PHASING SEQUENCE.

M. REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE ANY EXPOSED CONDUITS WITHIN THE FINISHED PORTIONS OF THE BUILDING FOR PRIME AND PAINTING REQUIREMENTS.

N. ALL EMPTY CONDUITS SHALL BE INSTALLED WITH PULL STRING.

O. WHERE EXISTING WALLS ARE FURRED ON ONE SIDE, ALL NEW SERVICES SHALL BE INSTALLED IN THE WALL FROM THE FURRED OUT SIDE OF THE WALL.

P. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION.

Q. ALL CONDUIT SLEEVES AND PATHWAYS SHOWN ON BID DOCUMENTS SHALL BE PROVIDED. ALL CONDUIT SLEEVES THRU WALLS AND FLOORS, NOT SPECIFICALLY SHOWN ON DRAWINGS BUT REQUIRED FOR COMPLIANT INSTALLATION OF CABLING SHALL BE PROVIDED AS PART OF THE SCOPE OF WORK.

R. COMPLETELY AND THOROUGHLY COORDINATE ALL PATHWAYS BEING PROVIDED. ANY PATHWAYS THAT ARE PROVIDED THAT CAUSE CABLING INSTALLATION TO BE NON-COMPLIANT SHALL BE BROUGHT TO THE ATTENTION OF THE COR PRIOR TO THE INSTALLATION OF CABLING FOR RESOLUTION.

S. A 3.5" DEEP MASONRY BOX SHALL BE USED IN CMU WALLS.

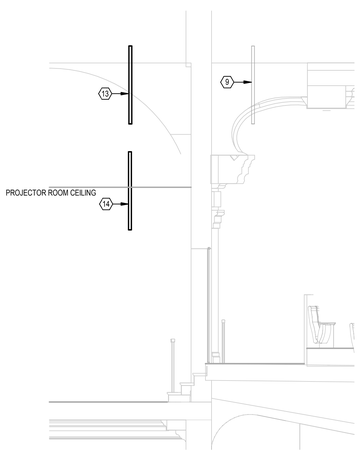
T. BOND ALL CABLE RUNWAY SPLICES AND BUTT JOINTS WITH #6 AWG BOLTED TO CABLE RUNWAY. REMOVE PAINT OFF OF CABLE RUNWAY FOR METAL TO METAL CONNECTION AND APPLY ANTI-OXIDANT JOINT COMPOUND OVER ANY REMAINING AREAS WITH BARE METAL EXPOSED.

U. ALL CONDUITS SHALL HAVE NYLON BUSHINGS INSTALLED.

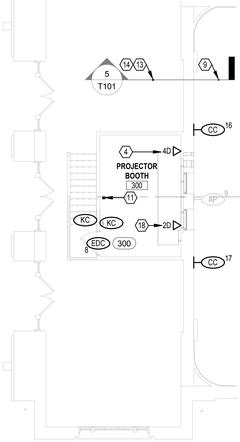
V. PULL BOXES SHALL NOT BE USED TO CHANGE DIRECTION AND SHALL BE INSTALLED IN LINE WITH CONDUIT.

PLAN NOTES

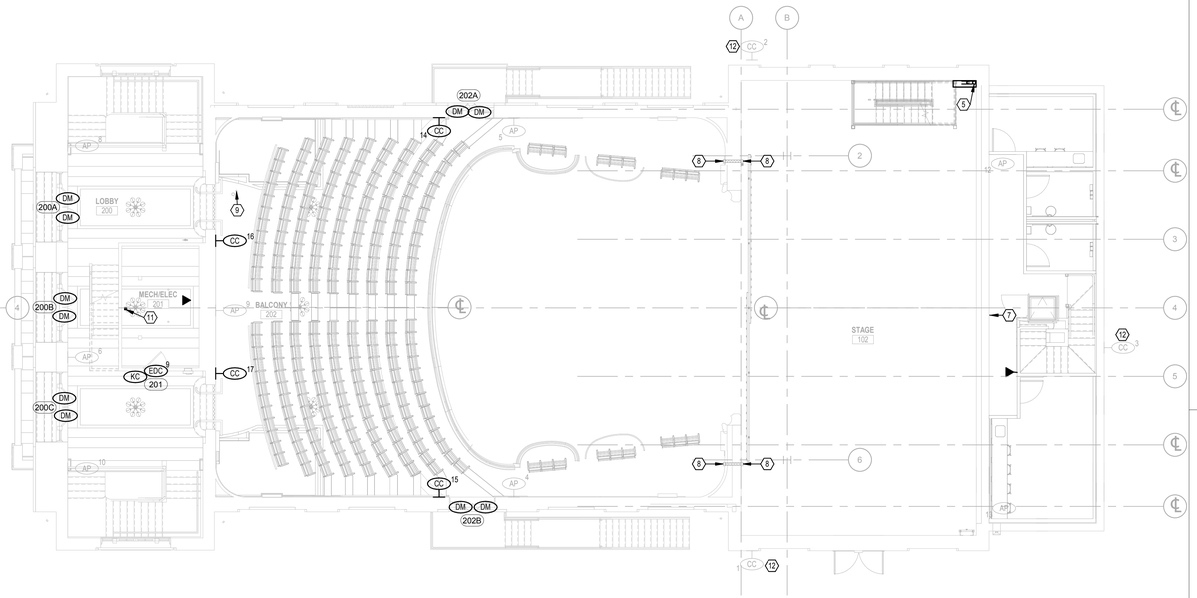
1. EXISTING COMMUNICATIONS EQUIPMENT (RM002) TO BE MOVED TO ROOM IT 003A. SEE SHEET T402 FOR MORE INFORMATION.
2. CEILING MOUNTED DATA OUTLET FOR PROJECTOR COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH THEATRICAL SYSTEMS PROVIDER.
3. COORDINATE DATA DROP WITH SOUND SYSTEM RACK LOCATION. REFER TO SHEET AV501 FOR ADDITIONAL INFORMATION.
4. DATA FOR SOUND SYSTEM RACK COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH THEATRICAL SYSTEMS PROVIDER. REFER TO SHEET AV103 FOR ADDITIONAL INFORMATION.
5. NEW 4" EMT CONDUIT FROM ROOM IT 003A IN BASEMENT, UP THROUGH CHASE IN DRESSING ROOM 104, 90 DEGREE THROUGH WALL. CONDUIT CONNECTS TO 12"x12"x36" HINGED CABLE TROUGH. UTILIZE A 4" DIAMETER CHASE NIPPLE BETWEEN CABLE TROUGH AND 36"x30"x10" LOCKABLE HINGE COVERED ENCLOSURE.
6. PROVIDE NEW 2" EMT CONDUIT FROM BASEMENT TO FIRST FLOOR. PROVIDE/INSTALL COMPRESSION COUPLING WITH NYLON BUSHINGS TO PROTECT CABLING ENTERING/EXITING. CONDUIT IS FOR PHYSICAL PROTECTION OF CABLING.
7. PROVIDE NEW 2" EMT CONDUIT FROM FIRST FLOOR TO SECOND FLOOR. PROVIDE/INSTALL COMPRESSION COUPLING WITH NYLON BUSHINGS TO PROTECT CABLING ENTERING/EXITING. CONDUIT IS FOR PHYSICAL PROTECTION OF CABLING.
8. EXISTING 4" CONDUIT TO REMAIN FIRESTOP BOTH ENDS TO MATCH WALL FIRE RATING.
9. DEMO CABLING EXITING ATTIC THROUGH SLEEVE. REMOVE SLEEVE, PATCH, AND PAINT TO MATCH.
10. NEW LOCATION FOR COMMUNICATIONS EQUIPMENT. WALL RACK EQUIPMENT TO BE MOVED TO NEW RELAY RACK.
11. PROVIDE (1) 4" SLEEVE BETWEEN PROJECTOR BOOTH 300 TO MECH/ELEC 201 FOR ACCESS CONTROL AND DATA.
12. PROVIDE NEW CAT 6 CABLING TO EXISTING CAMERA.
13. PROVIDE AND INSTALL A NEW 2" EMT SLEEVE FROM ATTIC TO OPEN AREA ABOVE PROJECTOR BOOTH 300.
14. PROVIDE AND INSTALL A NEW 2" EMT SLEEVE FROM OPEN AREA ABOVE PROJECTOR BOOTH ROOM 300 THROUGH THE CEILING AND INTO PROJECTOR BOOTH ROOM 300.
15. EXISTING WAPS RELOCATION.
16. EXISTING MAIN ELECTRICAL GROUNDING ELECTRODE.
17. COORDINATE DATA DROP WITH SOUND SYSTEM RACK LOCATION. REFER TO SHEET AV101 FOR ADDITIONAL INFORMATION.
18. COORDINATE DATA DROP WITH SOUND SYSTEM RACK LOCATION. REFER TO SHEET TE103 FOR ADDITIONAL INFORMATION.



5 PROJECTOR ROOM TO ATTIC PATHWAY
1/4" = 1'-0"



4 TECHNOLOGY PLAN - PROJECTOR BOOTH - NEW WORK
1/8" = 1'-0"



3 TECHNOLOGY PLAN - BALCONY AND SECOND FLOOR - NEW WORK
1/8" = 1'-0"

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW G. ABRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER 7/1/2025

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
NEW WORK PLANS	BID DOCUMENTS	RESTORATION OF BUILDING 35 HISTORIC THEATER	621-24-103
			Building Number 35
Approved: VAMC	FULLY SPRINKLERED	Location MT. HOME, TENNESSEE	Drawing Number
		Issue Date 07/01/2025 · Checked JCM · Drawn JWE	T101

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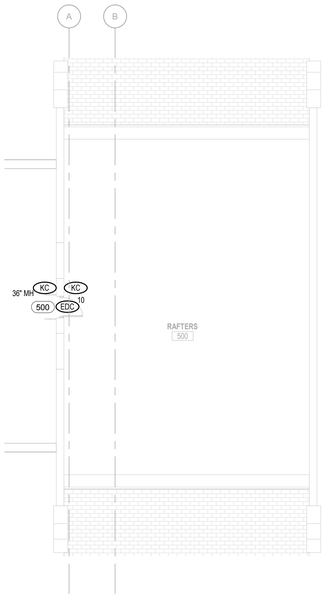
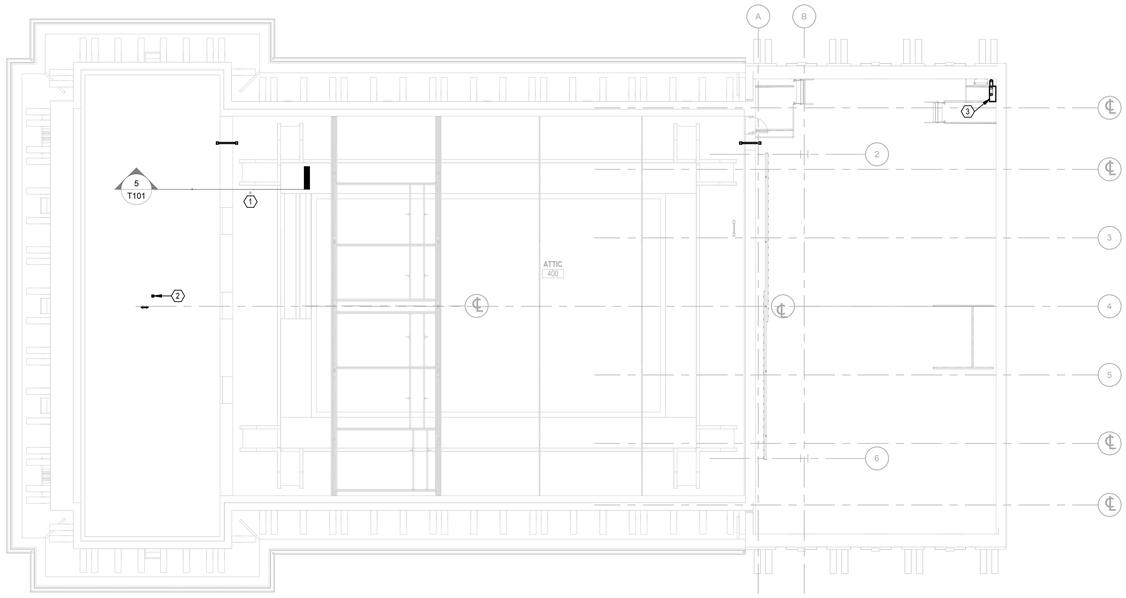


2 TECHNOLOGY PLAN - RAFTERS - NEW WORK
1/8" = 1'-0"



1 TECHNOLOGY PLAN - ATTIC - NEW WORK
1/8" = 1'-0"

GENERAL NOTES

A. *** CRITICAL *** THE DATA CONNECTION TO THE ADJOINING BUILDING FOR THE CEMETERY PLOT COMPUTER SYSTEM WILL BE TRANSITIONED TO THE NEW TR LOCATION. THIS TRANSITION WILL BE COORDINATED CLOSELY WITH THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND CEMETERY STAFF TO MINIMIZE SERVICE DISRUPTION/INTERRUPTION OF THE EXISTING DATA CONNECTION. THIS CONNECTION SHALL BE IDENTIFIED AND TAGGED AT THE EXISTING TR. THIS IDENTIFICATION SHALL BE IN A MANNER THAT FACILITATES EASE OF IDENTIFICATION AND PREVENTS DISRUPTION OF SERVICE. THE NEW TR SHALL BE OPERATIONAL FROM A CONNECTIVITY/USE POINT BEFORE THE DISCONNECTION OF THE IDENTIFIED DATA JACK. THEN THE DATA JACK CAN BE DECOMMISSIONED FROM THE PREVIOUS TR LOCATION AND RE-TERMINATED AT THE ACTIVE NEW TR LOCATION. 100% UPTIME CANNOT BE GUARANTEED DURING THE MOVE. EVERY EFFORT WILL BE MADE TO ENSURE THAT DOWNTIME IS LIMITED TO THE ABSOLUTE MINIMUM NECESSARY TO COMPLETE THE RELOCATION AND TERMINATION.

B. CONDUITS SHALL BE SIZED FOR 1" MINIMUM UNLESS OTHERWISE NOTED.

C. UTILIZE EXISTING CABLING PATHWAYS UNLESS OTHERWISE NOTED. ALTERATIVE ROUTES MAYBE UTILIZED, WHICH ARE COORDINATED WITH VA COR AND OTHER TRADES. FINAL ROUTING OF TELECOMMUNICATIONS CABLING SHALL BE APPROVED BY THE COR.

D. ALL JUNCTION BOXES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.

E. FIRESTOP ALL HORIZONTAL AND VERTICAL PENETRATIONS.

F. VERIFY EXACT LOCATION OF ALL CEILING MOUNTED DEVICES WITH REFLECTED CEILING PLAN AND/OR ARCHITECT PRIOR TO ROUGH-IN. COORDINATE LOCATIONS OF CEILING MOUNTED DEVICES WITH LIGHT FIXTURES, MECHANICAL DUCTS, AND SPRINKLER PIPES AND HEADS BEFORE ROUGH-IN TO PREVENT CONFLICTS.

G. REMOVE EXISTING CEILING TILES AS REQUIRED FOR INSTALLATION OF NEW TECHNOLOGY ITEMS AND REINSTALL TILES IN A SIMILAR MANNER AS NOW EXISTS.

H. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF OUTLETS AND DEVICES.

I. COORDINATE EXACT LOCATION OF ALL SWITCHES, RECEPTACLES, DATA OUTLETS, VOLUME CONTROLLERS, AV SYSTEM CONTROLLERS, THERMOSTATS, ETC. WITH RESPECTIVE CONTRACTORS PRIOR TO ROUGH-INS. ALL MOUNTING HEIGHTS OF DEVICES WHICH ARE MOUNTED ADJACENT TO EACH OTHER SHALL BE AT THE SAME DISTANCE MEASURED ABOVE THE FINISHED FLOOR.

J. STAGGER RECEPTACLES AND OTHER RECESSED OUTLETS WHEN LOCATED ON OPPOSITE SIDES OF PARTITION / WALL TO ELIMINATE SOUND TRANSMISSION FROM ONE SPACE TO THE OTHER.

K. WHERE DEVICES ARE MOUNTED IN AREAS WHERE THERE ARE EXPOSED CEILINGS, COORDINATE THE EXACT MOUNTING / LOCATION WITH THE STRUCTURAL SUPPORT MEMBERS AND WORK OF OTHER TRADES. PROVIDE ALL NECESSARY LABOR AND MATERIALS TO ACHIEVE MOUNTING HEIGHTS AND LOCATIONS AS INDICATED ON THE PLANS.

L. REFER TO ARCHITECTURAL SPECIFICATIONS AND DOCUMENTS FOR CONSTRUCTION PHASING SEQUENCE.

M. REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE ANY EXPOSED CONDUITS WITHIN THE FINISHED PORTIONS OF THE BUILDING FOR PRIME AND PAINTING REQUIREMENTS.

N. ALL EMPTY CONDUITS SHALL BE INSTALLED WITH PULL STRING.

O. WHERE EXISTING WALLS ARE FURRED ON ONE SIDE, ALL NEW SERVICES SHALL BE INSTALLED IN THE WALL FROM THE FURRED OUT SIDE OF THE WALL.

P. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION.

Q. ALL CONDUIT SLEEVES AND PATHWAYS SHOWN ON BID DOCUMENTS SHALL BE PROVIDED. ALL CONDUIT SLEEVES THRU WALLS AND FLOORS, NOT SPECIFICALLY SHOWN ON DRAWINGS BUT REQUIRED FOR COMPLIANT INSTALLATION OF CABLING SHALL BE PROVIDED AS PART OF THE SCOPE OF WORK.

R. COMPLETELY AND THOROUGHLY COORDINATE ALL PATHWAYS BEING PROVIDED. ANY PATHWAYS THAT ARE PROVIDED THAT CAUSE CABLING INSTALLATION TO BE NON-COMPLIANT SHALL BE BROUGHT TO THE ATTENTION OF THE COR PRIOR TO THE INSTALLATION OF CABLING FOR RESOLUTION.

S. A 3.5" DEEP MASONRY BOX SHALL BE USED IN CMU WALLS.

T. BOND ALL CABLE RUNWAY SPLICES AND BUTT JOINTS WITH #6 AWG BOLTED TO CABLE RUNWAY. REMOVE PAINT OFF OF CABLE RUNWAY FOR METAL TO METAL CONNECTION AND APPLY ANTI-OXIDANT JOINT COMPOUND OVER ANY REMAINING AREAS WITH BARE METAL EXPOSED.

U. ALL CONDUITS SHALL HAVE NYLON BUSHINGS INSTALLED.

V. PULL BOXES SHALL NOT BE USED TO CHANGE DIRECTION AND SHALL BE INSTALLED IN LINE WITH CONDUIT.

PLAN NOTES

1. DEMO CABLING EXITING ATTIC THROUGH SLEEVE. REMOVE SLEEVE, PATCH, AND PAINT TO MATCH.
2. PROVIDE AND INSTALL A NEW 2" EMT SLEEVE FROM ATTIC TO OPEN AREA ABOVE PROJECTOR BOOTH 300.
3. NEW 4" EMT CONDUIT FROM IT ROOM 003A IN BASEMENT OUT ALONG STAIR WELL UP TO ATTIC LEVEL.

PLAN NORTH

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW L. DE ABRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER 7/1/2025

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ATTIC AND RAFTERS NEW WORK PLANS	BID DOCUMENTS	RESTORATION OF BUILDING 35 HISTORIC THEATER	621-24-103
			Building Number: 35
Approved: VAMC	FULLY SPRINKLERED	Location: MT. HOME, TENNESSEE	Drawing Number: T102
		Issue Date: 07/01/2025 · Checked: JCM · Drawn: JWE	

VA FORM 08 - 6231

Autodesk Docs://Mt Home VA - Restoration of B35 Theater/2024-05141-MEP-Central.rvt

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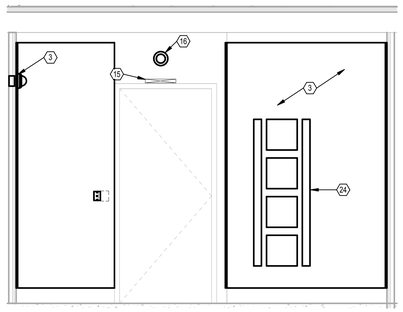
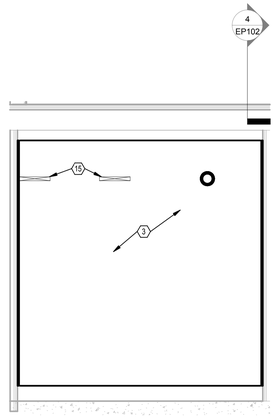
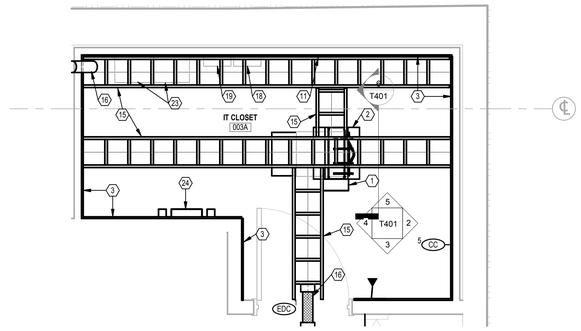


3 TR 003A EAST ELEVATION
1/2" = 1'-0"

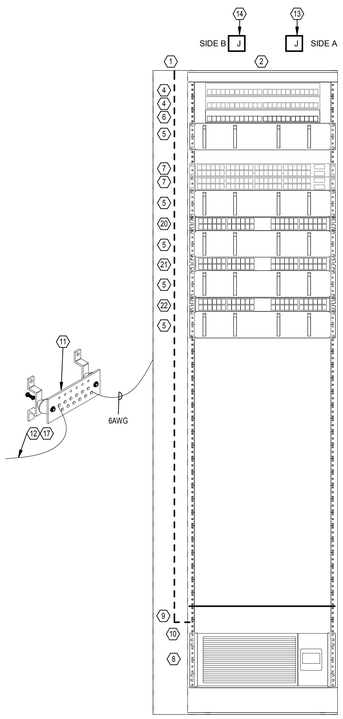


2 TR 003A NORTH ELEVATION
1/2" = 1'-0"

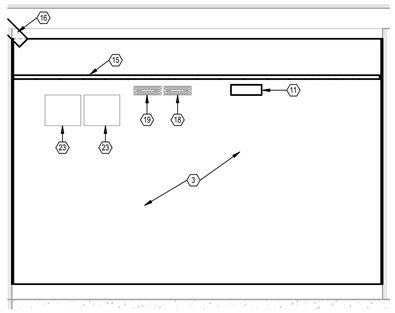


1 ENLARGED TR ROOM 003A
1/2" = 1'-0"

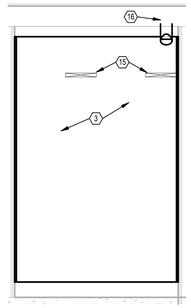
PLAN NORTH



6 TR 003A RACK
1 1/2" = 1'-0"



5 TR 003A WEST ELEVATION
1/2" = 1'-0"



4 TR 003A SOUTH ELEVATION
1/2" = 1'-0"

GENERAL NOTES

A. *** CRITICAL *** THE DATA CONNECTION TO THE ADJOINING BUILDING FOR THE CEMETERY PLOT COMPUTER SYSTEM WILL BE TRANSITIONED TO THE NEW TR LOCATION. THIS TRANSITION WILL BE COORDINATED CLOSELY WITH THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND CEMETERY STAFF TO MINIMIZE SERVICE DISRUPTION/INTERRUPTION OF THE EXISTING DATA CONNECTION. THIS CONNECTION SHALL BE IDENTIFIED AND TAGGED AT THE EXISTING TR. THIS IDENTIFICATION SHALL BE IN A MANNER THAT FACILITATES EASE OF IDENTIFICATION AND PREVENTS DISRUPTION OF SERVICE. THE NEW TR SHALL BE OPERATIONAL FROM A CONNECTIVITY/USE POINT BEFORE THE DISCONNECTION OF THE IDENTIFIED DATA JACK. THEN THE DATA JACK CAN BE DECOMMISSIONED FROM THE PREVIOUS TR LOCATION AND RE-TERMINATED AT THE ACTIVE NEW TR LOCATION. 100% UPTIME CANNOT BE GUARANTEED DURING THE MOVE, EVERY EFFORT WILL BE MADE TO ENSURE THAT DOWNTIME IS LIMITED TO THE ABSOLUTE MINIMUM NECESSARY TO COMPLETE THE RELOCATION AND TERMINATION.

B. CONTINUATION OF COPPER (1) 14/2 SHIELD OSP CABLING SHOWN ON T002 SITE PLAN FOR DEMARCATION IN SIGNALS ROOM 006 AS SHOWN ON T101 LOWER LEVEL.

PLAN NOTES

1. OR-MM20VMD706 (OR EQUIVALENT) MM20 VERTICAL CABLE MANAGEMENT "CAGE" WITH DOOR, 6.45IN. X 10.26 IN. X 76.94 IN. WHITE.
2. OR-MM2073038-W (OR EQUIVALENT) MIGHTY MO 20 CABLE MANAGEMENT RACK 30 IN. CHANNEL DEPTH, 7 FT HIGH, WHITE FINISH OR EQUIVALENT.
3. 3/4" FIRE-RATED A-C GRADE PLYWOOD. 4'x8' SIZE PLYWOOD STARTING 6" AFF. PLYWOOD SHALL BE PAINTED WITH A FIRE RETARDANT PAINT LEAVING THE MANUFACTURED FIRE RATING STAMP UNPAINTED.
4. EXISTING 1RU LC CONNECTOR POLICE FIBER OPTIC DISTRIBUTION PANEL (FODP) FROM SHEET TD401, PLAN NOTE 2.
5. 2RU HORIZONTAL CABLE MANAGER FRONT AND REAR.
6. EXISTING FIBER OPTIC DISTRIBUTION PANEL (FODP) FROM SHEET TD401, PLAN NOTE 1.
7. EXISTING 48-PORT SWITCH GFCI FROM SHEET TD401, PLAN NOTE 1 AND 2.
8. EATON BLADE 4RU 5kW UPS RACK-MOUNTED 5kW, 208V UNINTERRUPTIBLE POWER SUPPLY (UPS) WITH NEMA 20A L21-20P INPUT AND L21-20R OUTPUT.
9. ZONE PDU 30A 3-PHASE ZONE PDU BASE UNIT - REQUIRES TWO 30A 3 PHASE (WYE) CIRCUITS WITH L21-30R RECEPTACLES. UPSs AND B-SIDE RPDUs MAY BE POWERED DIRECTLY WITH L21-20 OUTLETS.
10. RACK MOUNTED VERTICAL PDU. LOCATED ON BACK OF RACK.
11. (SBB) GROUNDING BAR, UTILIZE TWO - HOLE COMPRESSION LUGS.
12. (TBB) CABLE TO GROUND ROD. SEE SHEET T101 FOR LOCATION IN ELECTRICAL ROOM 005.
13. SIDE A REQUIRES A 208V, 30A, THREE-PHASE CIRCUIT, TERMINATING IN A NEMA L21-30R LOCKING RECEPTACLE.
14. SIDE B REQUIRES A 208V, 30A, THREE-PHASE CIRCUIT, TERMINATING IN A NEMA L21-30R LOCKING RECEPTACLE.
15. 12"x1.5" OVERHEAD LADDER RACK. PROVIDE WATERFALL CABLE TRANSITIONS FOR CABLING INTO RACK.
16. 4" CONDUIT SLEEVE.
17. NEW TELECOMMUNICATIONS PRIMARY BONDING BUSBAR (PBB). ALL CONNECTIONS SHALL BE MADE WITH DOUBLE-BOLTED, COMPRESSION STYLE GROUNDING LUGS. REFER TO GROUNDING DIAGRAM. TGBB CONDUCTOR SIZE TO BE MINIMUM 3/0 AWG PER ANSI/TIA607, CONDUCTOR SIZE BASED ON LENGTH / DISTANCE.
18. EXISTING LIGHTNING PROTECTION FOR 66 BLOCK TELEPHONE CONNECTION.
19. EXISTING 66 BLOCK TELEPHONE CONNECTION.
20. EXISTING 24 PORT PATCH PANEL FROM SHEET TD401, PLAN NOTE 2.
21. EXISTING 24 PORT PATCH PANEL FROM SHEET TD401, PLAN NOTE 1.
22. EXISTING 48 PORT PATCH PANEL FROM SHEET TD401, PLAN NOTE 1.
23. EXISTING TELEPHONE COPPER CABLING FROM SHEET TD401, PLAN NOTE 6.
24. SPACE RESERVED FOR NEW PACS EQUIPMENT. MX-8-S30B TYPED: A WITH SNIB3, INCLUDE IPCAM-MEB/CB128 MX CONTROLLER EXPANSION BOARD-MEMORY (1 PER CONTROLLER). INCLUDE (ENOUGH) DTLM3 TYPE-A DIGI*TRAC LINE MODULE 3 3 INPUT ALARM/DOOR MONITORING, ALARM MASK/RQE AND TAMPER. REQUIRES VELOCITY 3.6 SP2 OR LATER. VELOCITY SWITCHING POWER SUPPLY. INCLUDE EXPANSION SLOTS AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO
MATTHEW K. GRAHAM
72670
REGISTERED
PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED IT ROOM 003A AND ELEVATIONS

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025

Checked: JCM

Drawn: GES

Project Number: 621-24-103

Building Number: 35

Drawing Number: T401

VA FORM 08 - 6231

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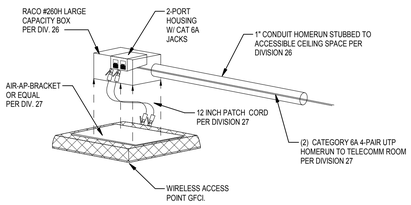
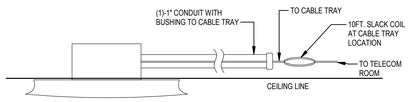
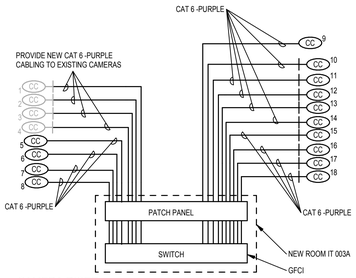




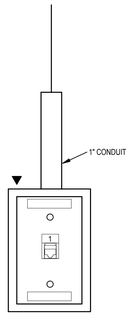
AP **WIRELESS DEVICE ACCESS POINT (AP)**

2-POSITION SURFACE BOX "BISCUIT":
- TWO (2) MODULAR 8-POSITION JACK " GREEN (WIFI)"
- TWO (2) CATEGORY 6A UTP CABLES " GREEN (WIFI)"

FURNISH AND TERMINATE CABLES WITH A 10 FT. SLACK COIL AT CABLE TRAY LOCATION.

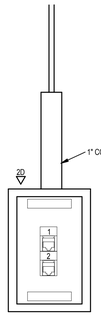


2 CAMERA RISER
NTS



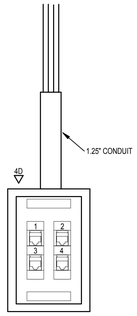
1-POSITION SINGLE GANG STAINLESS STEEL FACEPLATE WITH CLEAR LABEL WINDOWS:
- ONE (1) MODULAR 8-POSITION JACK "BLUE"
- ONE (1) 4-PAIR CATEGORY UTP CABLE "BLUE"

MOUNTING HEIGHT = 54" AFF
ROUTING = 1" CONDUIT AND RACO CAT. ID 260 OR EQUAL BACKBOX WITH BUSHING TO J-HOOK PATHWAY.



2-POSITION SINGLE GANG FACEPLATE WITH CLEAR LABEL WINDOWS:
- TWO (2) MODULAR 8-POSITION JACKS "BLUE"
- TWO (2) 4-PAIR CATEGORY UTP CABLES "BLUE"

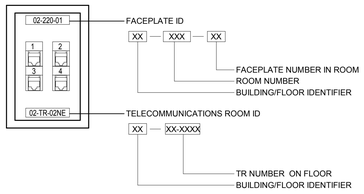
MOUNTING HEIGHT = 18" AFF
ROUTING = 1" CONDUIT AND RACO CAT. ID 260 OR EQUAL BACKBOX WITH BUSHING TO J-HOOK PATHWAY.



4-POSITION SINGLE GANG FACEPLATE WITH CLEAR LABEL WINDOWS:
- FOUR (4) MODULAR 8-POSITION JACK "BLUE"
- FOUR (4) 4-PAIR CATEGORY UTP CABLES "BLUE"

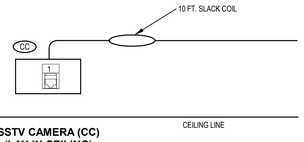
MOUNTING HEIGHT = 18" AFF
ROUTING = 1.25" CONDUIT AND RACO CAT. ID 260 OR EQUAL BACKBOX WITH BUSHING TO J-HOOK PATHWAY.

BASIS OF DESIGN FOR DATA CABLING IS COMMSCOPE



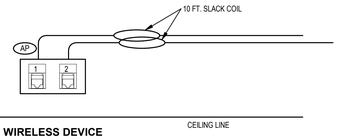
NOTES:
1. EACH "TO" SHALL BE LABELED AS SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A MACHINE-PRINTED LABEL WITH THE CORRECT "TO" NUMBER AND TR ID.
2. CABLE JACKET COLOR SHALL MATCH THE JACK COLOR.

TELECOMMUNICATIONS OUTLET LABELING SCHEME



SSTV CAMERA (CC) (LAY-IN CEILING)

1-POSITION SURFACE BOX "BISCUIT":
- ONE (1) MODULAR 8-POSITION JACK "PURPLE"
- ONE (1) CATEGORY 6 UTP CABLES "PURPLE"



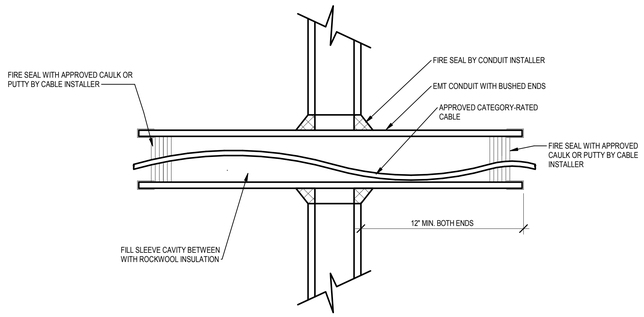
WIRELESS DEVICE ACCESS POINT (AP) (LAY-IN CEILING)

1-POSITION SURFACE BOX "BISCUIT":
- TWO (2) MODULAR 8-POSITION JACK "GREEN"
- TWO (2) CATEGORY 6A UTP CABLES "GREEN"

FURNISH AND TERMINATE CABLES WITH A 10 FT. SLACK COIL AT EACH LOCATION.

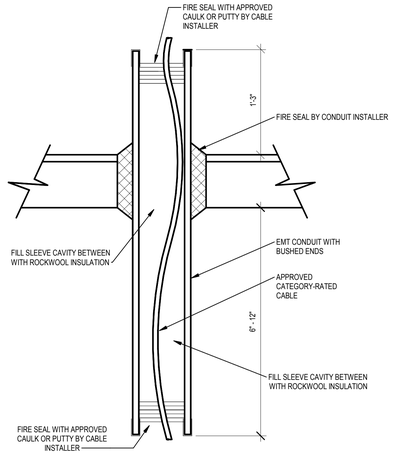
1 OUTLET DETAILS
NTS

THE CONDUIT METHOD SHALL ONLY BE USED FOR INSTANCES IN WHICH THE EZ-PATH LENGTH EXTENSION METHOD IS NOT SUFFICIENT

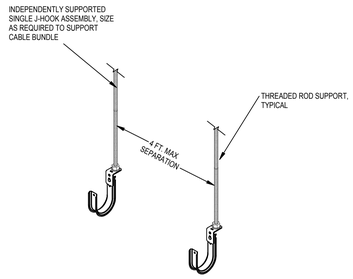


5 CONDUIT WITH FIRESTOP THRU WALL
NTS

THE CONDUIT METHOD SHALL ONLY BE USED FOR INSTANCES IN WHICH THE EZ-PATH LENGTH EXTENSION METHOD IS NOT SUFFICIENT



4 CONDUIT WITH FIRESTOP THRU FLOOR
NTS



3 J-HOOK DETAIL
NTS

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

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PROJECT NO. 2024-05141

STAMP: STATE OF OHIO, MATTHEW J. GRAHAM, 72670, REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title	DETAILS
Approved: VAMC	
Phase	BID DOCUMENTS
	FULLY SPRINKLERED
Project Title	RESTORATION OF BUILDING 35 HISTORIC THEATER
Location	MT. HOME, TENNESSEE
Issue Date	07/01/2025
Checked	JCM
Drawn	JWE
Project Number	621-24-103
Building Number	35
Drawing Number	T601

VA FORM 08 - 6231

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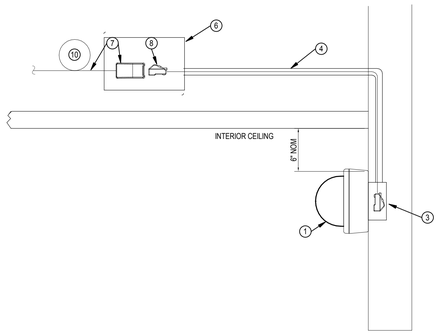
CAMERA SCHEDULE

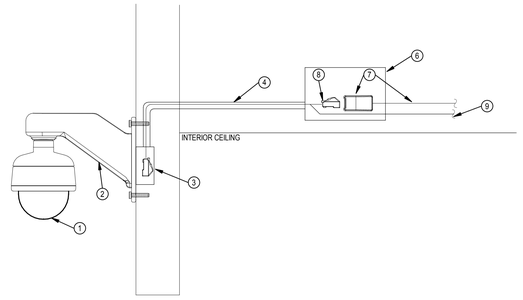
NOTES: CAMERA MANUFACTURER - AVIGILON

OPTIONS LEGEND: W - WIDE DYNAMIC RANGE; L - LOW LIGHT; D - DAY/NIGHT

GENERAL			SPECIFICATIONS																									TYPE AND MOUNTING												
LOCATION			CAMERA TYPE									ANALYTICS		POWER			CABLE											INDOOR					OUTDOOR							
MARK	ROOM NO.	TECH CLOSET NO.	OPTION	LENS (mm)	RESOLUTION (MP)	STANDARD 4:3	STANDARD 16:9	PANORAMIC 180°	PANORAMIC 360°	NO. IMAGERS	PTZ	IP	CAM	SERV	POE	24V	120V	UTP	FIBER	COAX	CLG RECESSED	CLG SURFACE	CLG STEM	WALL SURFACE	WALL ARM	CLG RECESSED	CLG SURFACE	CLG STEM	WALL SURFACE	WALL ARM	POLE MOUNTED	MOUNTING HEIGHT	SEE NOTE
1	EXTERIOR	IT 003A		3-8	0		•			1		•			•			•													•	15' - 0"	EXISTING
2	EXTERIOR	IT 003A		3-8	0		•			1		•			•			•													•	15' - 0"	EXISTING
3	EXTERIOR	IT 003A		3-8	0		•			1		•			•			•													•	20' - 0"	EXISTING
4	EXTERIOR	IT 003A		3-8	0		•			1		•			•			•													•	8' - 0"	EXISTING
5	IT 003A	IT 003A		4.4-9.3	6		•			1		•			•			•						•								7' - 7"	6.0C-H6A-D1-IR
6	103	IT 003A		5.7	8		•			4		•			•			•			•												24C-H5A-3MH
7	102	IT 003A		3.35-7.0	5		•			2		•			•			•							•							8' - 0"	H5DH-D1-IR
8	102	IT 003A		5.7	2		•			4		•			•			•							•							7' - 0"	24C-H5A-3MH
9	102	IT 003A		5.7	2		•			4		•			•			•							•							7' - 0"	24C-H5A-3MH
10	100	IT 003A		2.8	2		•			1		•			•			•							•							10' - 0"	R.0C-H5M-DO1-IR 5
11	100	IT 003A		2.8	2		•			1		•			•			•							•							10' - 0"	R.0C-H5M-DO1-IR 5
12	EXTERIOR	IT 003A		2.8	2		•			1		•			•			•													•	7' - 0"	R.0C-H5M-DO1-IR 5
13	EXTERIOR	IT 003A		2.8	2		•			1		•			•			•													•	7' - 0"	R.0C-H5M-DO1-IR 5
14	202	IT 003A		5.7	2		•			4		•			•			•							•							12' - 10"	24C-H5A-3MH
15	202	IT 003A		5.7	2		•			4		•			•			•							•							12' - 10"	24C-H5A-3MH
16	202	IT 003A		3.35-7.0	5		•			2		•			•			•							•							10' - 0"	H5DH-D1-IR
17	202	IT 003A		3.35-7.0	5		•			2		•			•			•							•							10' - 0"	H5DH-D1-IR
18		IT 003A		3.35-7.0	5		•			2		•			•			•						•								6' - 6"	H5DH-D1-IR



INTERIOR - WALL MOUNTED



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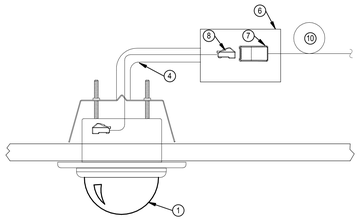
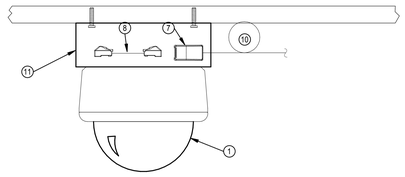


INTERIOR - CEILING RECESSED



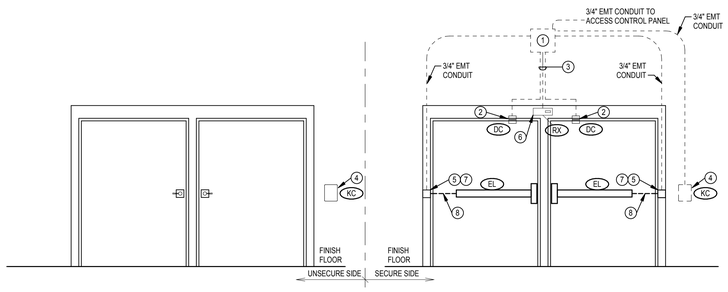
INTERIOR - CEILING SURFACE

1 SSTV CAMERA MOUNTING DETAILS
NTS

CAMERA MOUNTING DETAIL NOTES

1. CAMERA AS SHOWN ON THE PLANS TO BE PROVIDED OTHERS. WORK CONSISTS OF ROUGH-INS ONLY.
2. WALL MOUNTED PENDANT ARM FOR CAMERA TO BE PROVIDED BY OTHERS.
3. 1-GANG BOX, SEALED FOR MOUNTING OF FUTURE CAMERA.
4. 0.75" CONDUIT TO BE ROUTED TO ACCESSIBLE INTERIOR JUNCTION BOX.
5. WIRING TO BE TAGGED AND COILED IN JUNCTION BOX FOR FUTURE CONNECTION. PROVIDE 24" TAIL (F&IBO).
6. PROVIDE JUNCTION BOX ABOVE ACCESSIBLE CEILING.
7. PROVIDE 1-DATA OUTLET UTILIZING SURFACE MOUNT "BISCUIT" FOR TERMINATION OF DATA DROP INTO RJ-45 OUTLET (F&IBO).
8. PATCH CABLE TO BE PROVIDED BY OTHERS.
9. PROVIDE BY OTHERS - ADDITIONAL LOW VOLTAGE POWER WIRING (2-# 14/AWG) BACK TO MDF ROOM AND LEAVE 10' COIL AT BACKBOARD FOR FUTURE CONNECTION.
10. PROVIDE 10' COIL OF CABLE MANAGED ABOVE CEILING (F&IBO).
11. SURFACE CEILING MOUNTED JUNCTION BOX FOR CAMERA.

CHANNELED WALL	- - - - - -
SURFACE	————

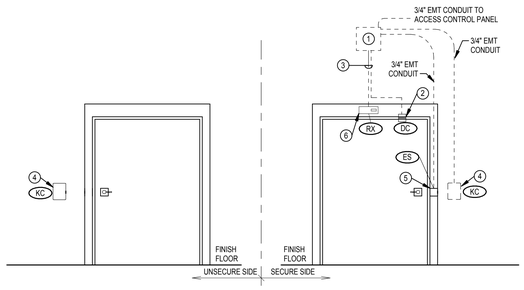


2 DOUBLE DOOR ROUGH-IN ELEVATION
NTS

DETAIL NOTES

1. NEW SECURITY WIRING JUNCTION BOX RECESSED IN WALL. INTERFACE WITH LOCKING HARDWARE.
2. SURFACE MOUNT DOOR CONTACT.
3. FISH CABLES IN WALL.
4. WALL MOUNTED SCRAMBLE PAD/CARD READER. uTRUST TS SCRAMBLEPAD 833WABTR000 TYPE:A
5. NEW ELECTRIC HINGE.
6. PASSIVE INFARED DETECTOR (REX) LOCATION OF REX IS DEPENDANT ON DOOR CONFIGURATION. TYPICAL LOCATION ON DOOR FRAME.
7. FIELD VERIFY HINGE MOUNTING HEIGHT.
8. ELECTRIFIED PANIC HARDWARE.

CHANNELED WALL	- - - - - -
SURFACE	————



3 SINGLE DOOR ROUGH-IN ELEVATION
NTS

DETAIL NOTES

1. NEW SECURITY WIRING JUNCTION BOX RECESSED IN WALL. INTERFACE WITH LOCKING HARDWARE.
2. SURFACE MOUNT DOOR CONTACT.
3. FISH CABLES IN WALL.
4. WALL MOUNTED SCRAMBLE PAD/CARD READER. uTRUST TS SCRAMBLEPAD 833WABTR000 TYPE:A
5. NEW ELECTRIC STRIKE.
6. PASSIVE INFARED DETECTOR (REX) LOCATION OF REX IS DEPENDANT ON DOOR CONFIGURATION. TYPICAL LOCATION ON DOOR FRAME.

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO MATTHEW L. WE GRAHAM 72670 REGISTERED PROFESSIONAL ENGINEER

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: DETAILS

Approved: VAMC

Phase: BID DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 07/01/2025

Checked: JMC

Drawn: GES

Project Number: 621-24-103

Building Number: 35

Drawing Number: T602

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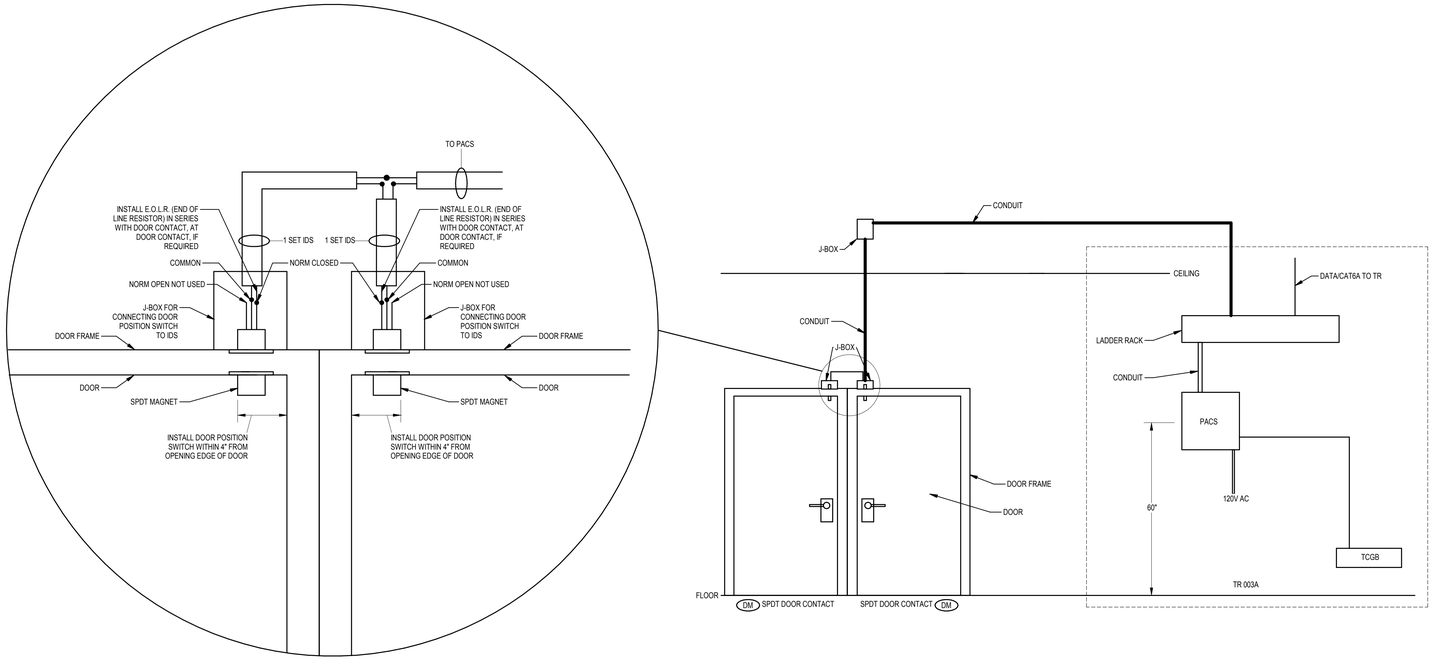
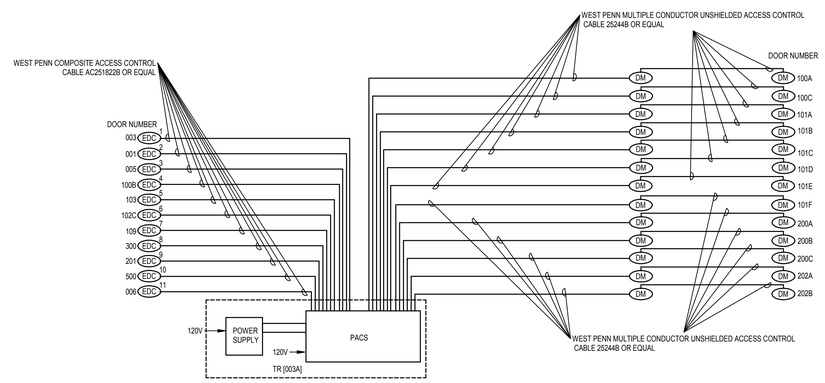


1 DOOR MONITORING DETAIL
NTS



2 PACS RISER
NTS

No.	Revisions:	Date:
	BID DOCUMENTS	07/01/2025

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP

STATE OF OHIO
MATTHEW L. GRAHAM
72670
REGISTERED
PROFESSIONAL ENGINEER
11/18/25

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: PACS DETAILS

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FULLY SPRINKLERED

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Autodesk Docs://Mt Home VA - Restoration of B35 Theater/2024-05141-MEP-Central.rvt

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