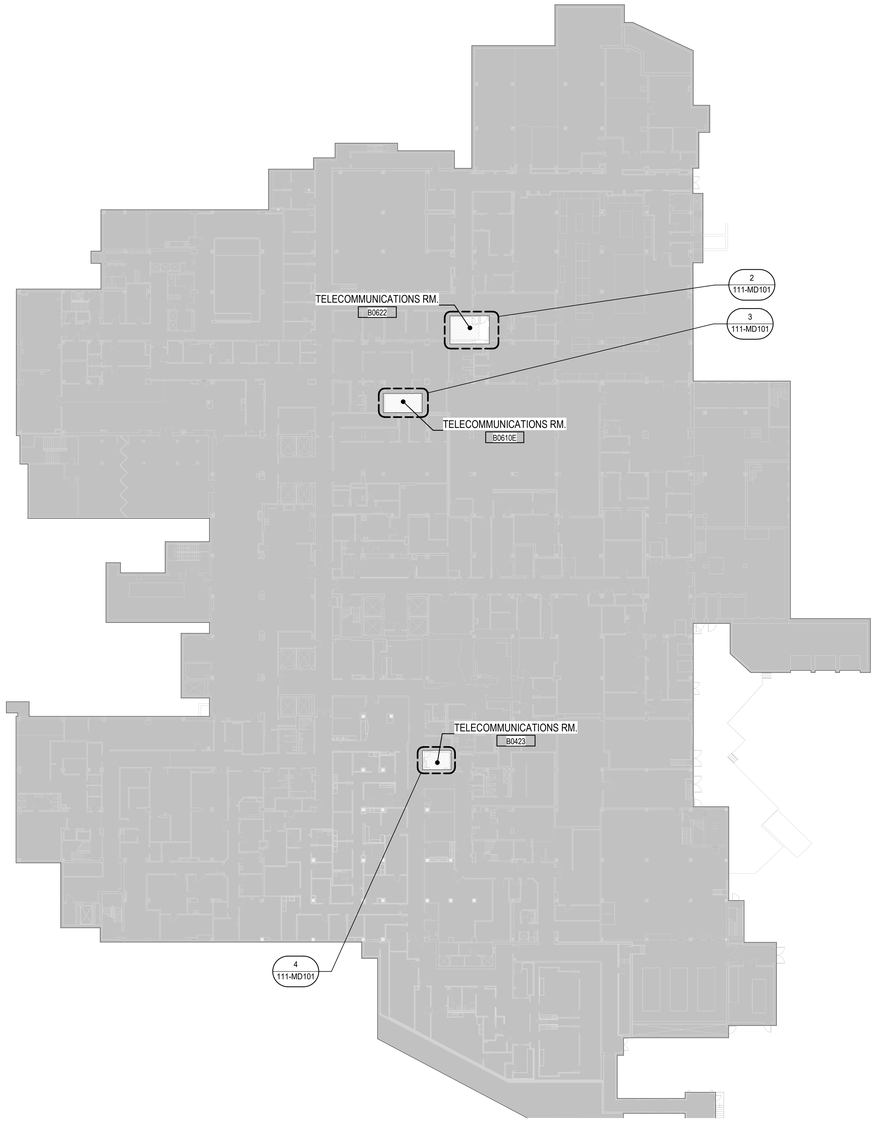
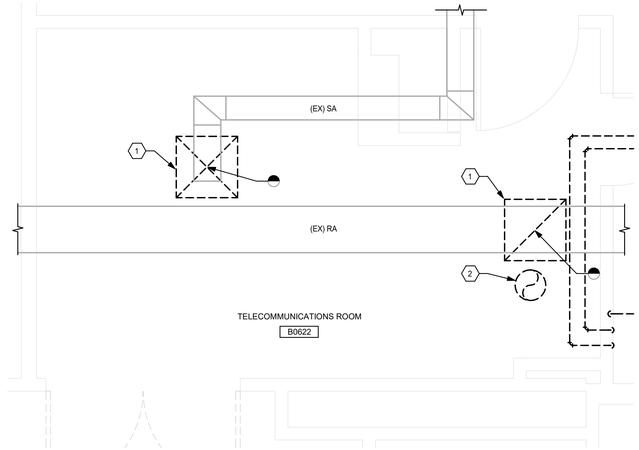
KEY NOTES

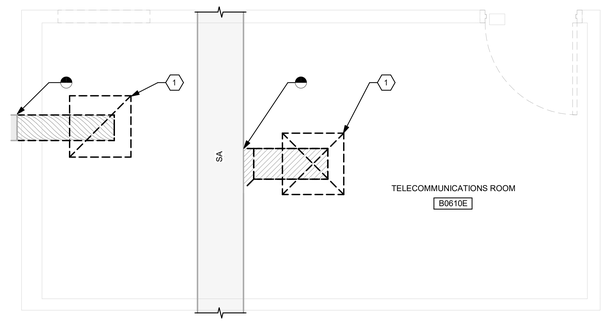
1. THERE ARE NO MECHANICAL SYSTEMS IN THIS AREA TO BE DEMOLISHED.
2. EXISTING CONDENSER TO REMAIN.



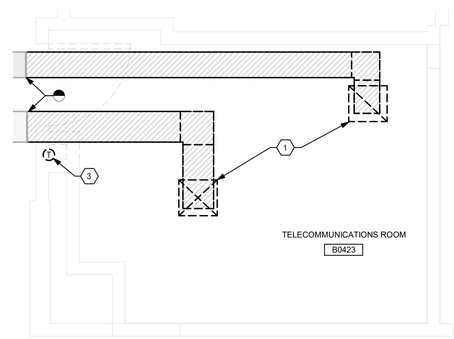
1 BUILDING 111 BASEMENT FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. B0622 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"



3 RM. B0610E ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"



4 RM. B0423 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

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WISCONSIN 9/5/25 ARON G. WIECZOREK #42666-6 SWISHER IOWA PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title BUILDING 111 BASEMENT - OVERALL & ENLARGED MECHANICAL DEMOLITION PLANS	**Phase** FINAL BID DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	**Project Number** 695-21-700
			Building Number 111
Approved:	**Sprinklered** FULLY SPRINKLERED	**Location** 5000 W. NATIONAL AVENUE MILWAUKEE, WI	**Drawing Number** 111-MD101
		Issue Date SEPTEMBER 5, 2025 / **Checked** AGW / **Drawn** HWG	

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Autodesk Docs://OCFM East - Milwaukee EHRM (R24)/Consolidated Model (R24).rvt

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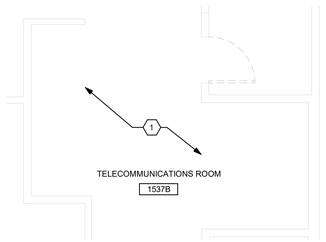
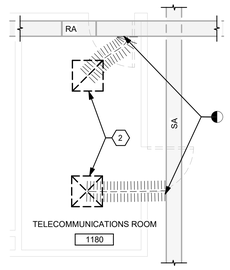
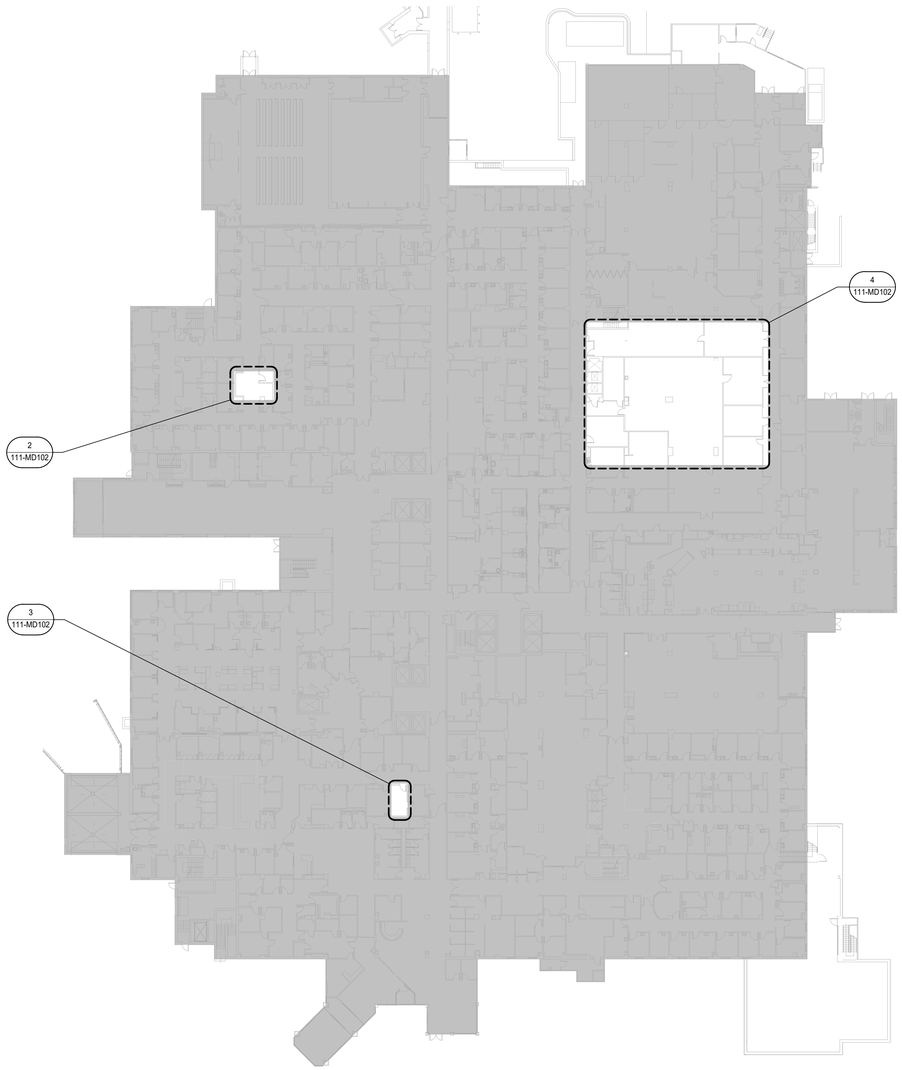


2 RM. 1537B ENLARGED PLAN - MECHANICAL DEMOLITION
1/4" = 1'-0"



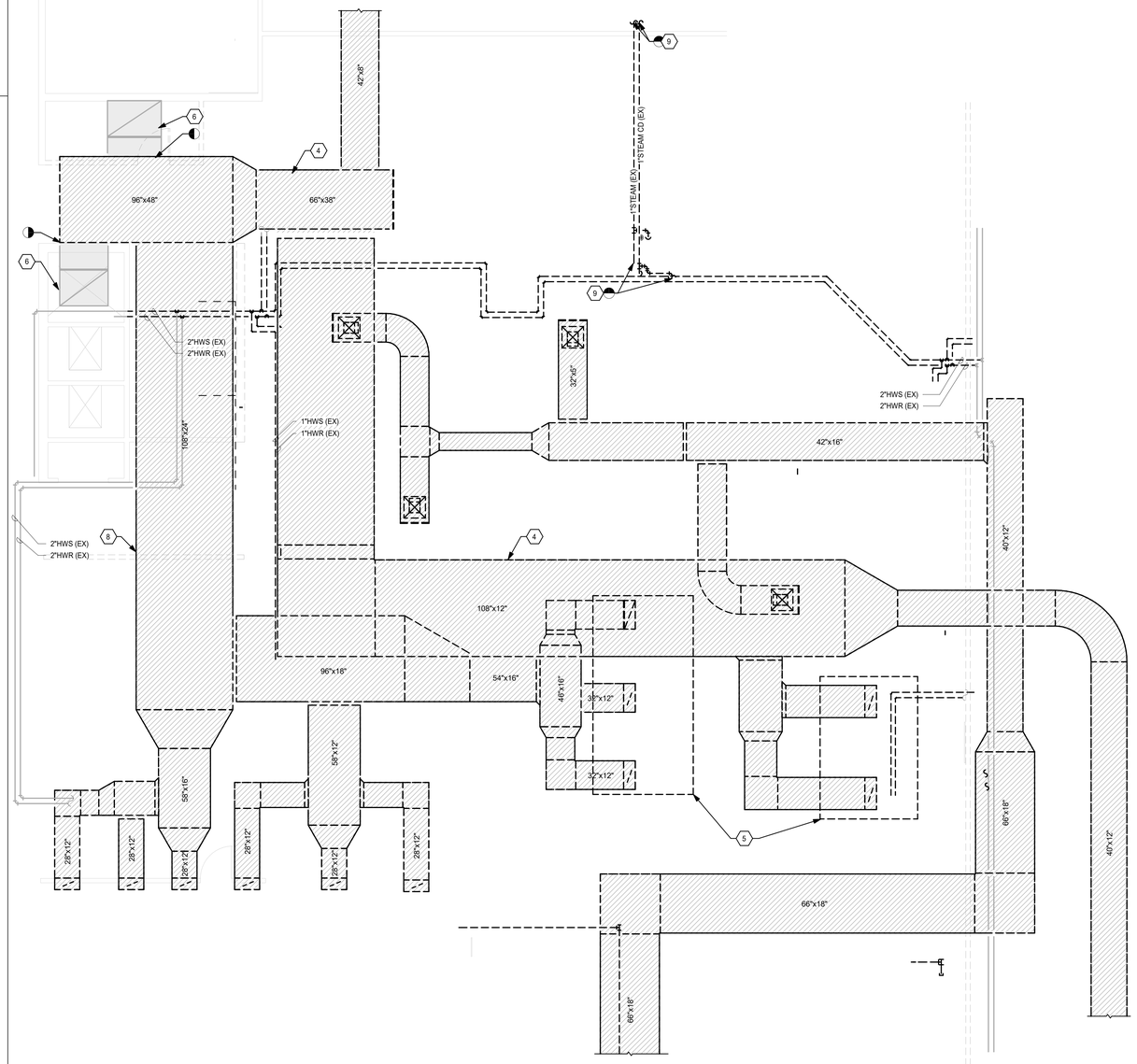
3 RM. 1180 ENLARGED PLAN - MECHANICAL DEMOLITION
1/4" = 1'-0"



1 BUILDING 111 LEVEL 01 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"

KEY NOTES

1. THERE ARE NO MECHANICAL SYSTEMS IN THIS AREA TO BE DEMOLISHED.
2. DEMOLISH GRILLE AND DUCT BRANCH. CAP DUCT AT MAIN CONNECTION OUTSIDE OF ROOM.
3. DEMOLISH ABANDONED CONTROL PANEL.
4. DEMOLISH EXISTING EXHAUST DUCT BACK TO EXISTING RISER.
5. DEMOLISH EXHAUST HOOD AND ASSSOCIATED DUCTWORK, CONTROLS, ELECTRICAL SYTEMS, ETC.
6. EXISTING EXHAUST RISER TO REMAIN. CAP DUCT AT MAIN.
7. DEMOLISH EXISTING SUPPLY AIR DUCT IN AREA OF NEW WORK, BACK TO MAIN.
8. EXISTING EXHAUST AIR MAIN TO BE DEMOLISHED IN SEPARATE CONTRACT.
9. DEMO EXISTING STEAM AND STEAM CONDENSATE UP TO THIS LOCATION. FIELD VERIFY EXISTING SIZES FOR CONNECTION OF NEW PIPING.



4 RM. 1456 ENLARGED PLAN - MECHANICAL DEMOLITION
3/16" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Graphic Scale : 1/16" = 1'-0" (0' 8' 16' 32')
Graphic Scale : 1/8" = 1'-0" (0' 4' 8' 16')
Graphic Scale : 3/32" = 1'-0" (0' 4" 8" 1' 2')
Graphic Scale : 1/4" = 1'-0" (0' 1' 2' 4')
Graphic Scale : 3/16" = 1'-0" (0' 3" 6" 1' 1' 6" 12')
Graphic Scale : 1/2" = 1'-0" (0' 1' 2' 4')
Graphic Scale : 3/4" = 1'-0" (0' 6" 1' 2')
Graphic Scale : 1" = 1'-0" (0' 6" 1' 2')
Graphic Scale : 1 1/2" = 1'-0" (0' 3" 6" 1' 1' 6")

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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 LEVEL 01 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MD102
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: DAW	

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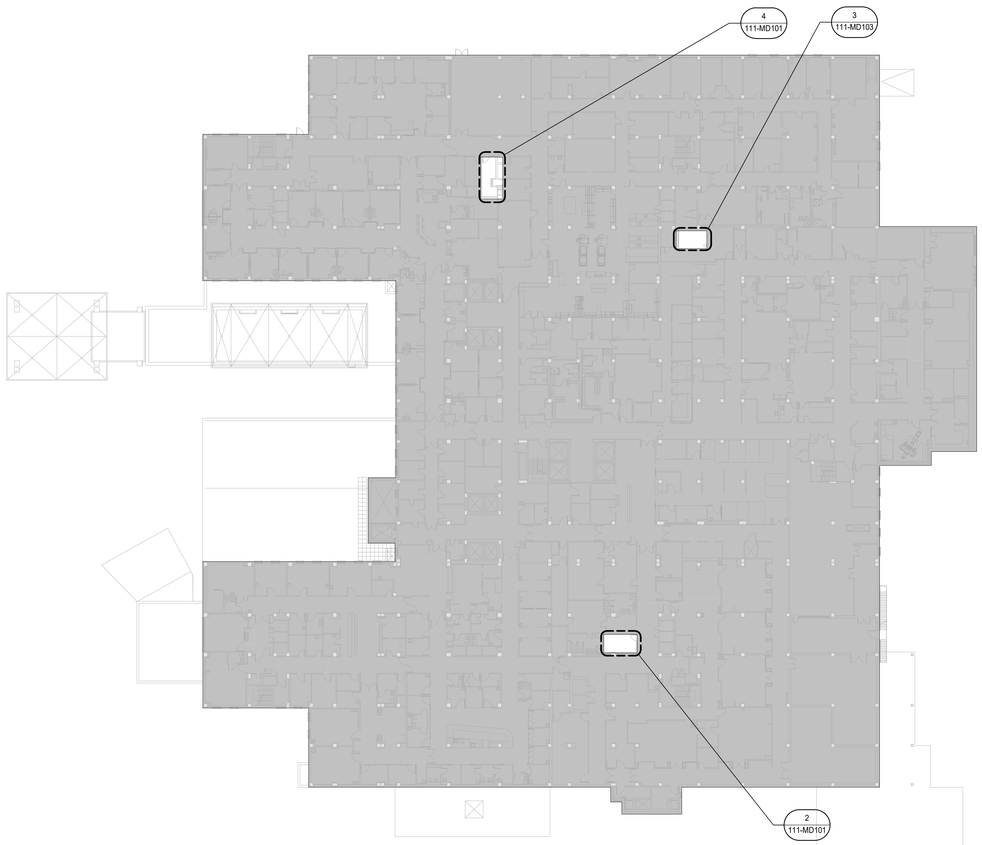
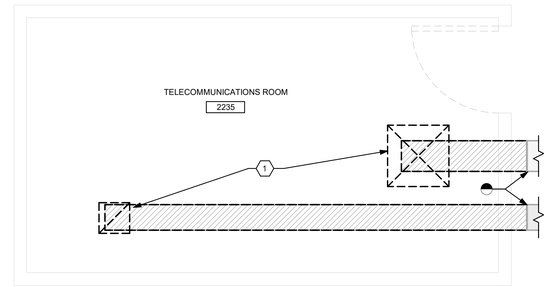
KEY NOTES

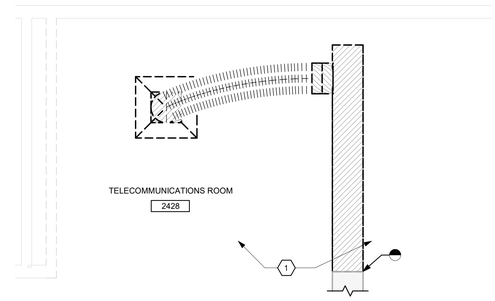
1. DEMOLISH GRILLE AND DUCT BRANCH. CAP DUCT AT MAIN CONNECTION ABOVE CEILING.



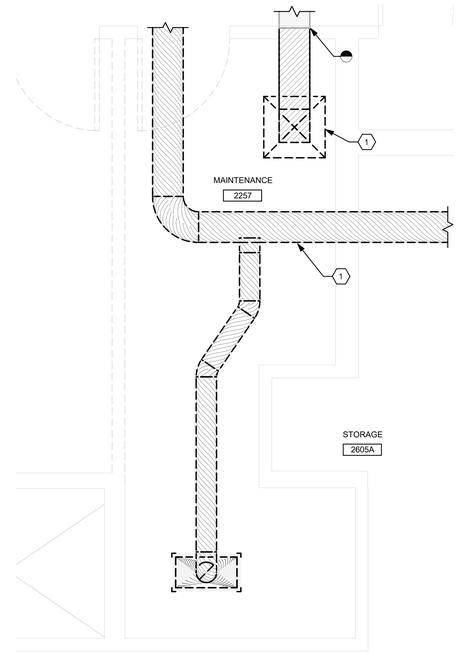
1 BUILDING 111 LEVEL 02 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. 2235 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"



3 RM. 2428 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"



4 RM. 2557 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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Approved:

Drawing Title
BUILDING 111 LEVEL 02 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS

Phase
FINAL BID DOCUMENTS

Sprinklered
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI

Location
5000 W. NATIONAL AVENUE MILWAUKEE, WI

Issue Date
SEPTEMBER 5, 2025

Checked
AGW

Drawn
HWG

Project Number
695-21-700

Building Number
111

Drawing Number
111-MD103

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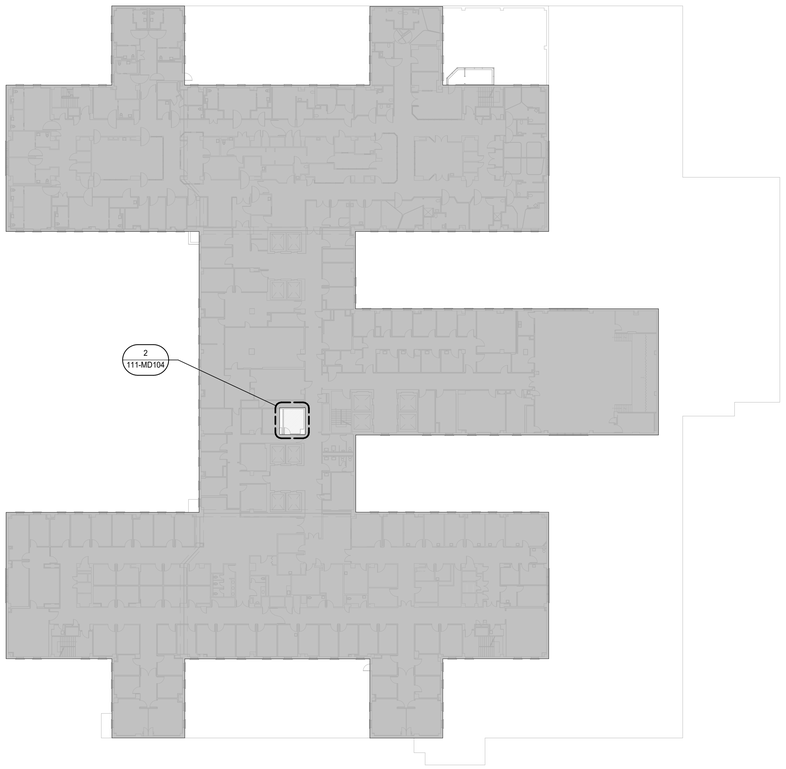
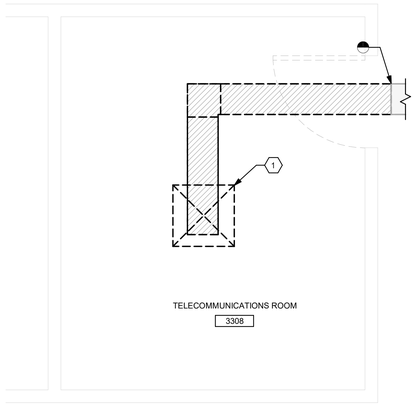
8/30/2025 10:24:44 AM

KEY NOTES

1. DEMOLISH GRILLE AND DUCT BRANCH.



1 BUILDING 111 LEVEL 03 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. 3308 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title BUILDING 111 LEVEL 03 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS	**Phase** FINAL BID DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	**Project Number** 695-21-700
Approved:	**Sprinklered** FULLY SPRINKLERED	**Location** 5000 W. NATIONAL AVENUE MILWAUKEE, WI	**Building Number** 111
		Issue Date SEPTEMBER 5, 2025 / **Checked** AGW / **Drawn** HWG	**Drawing Number** 111-MD104

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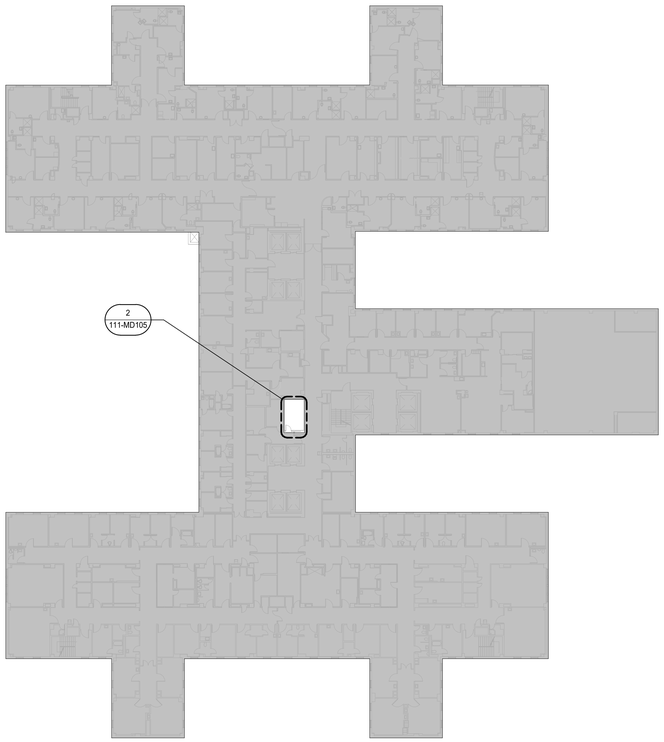
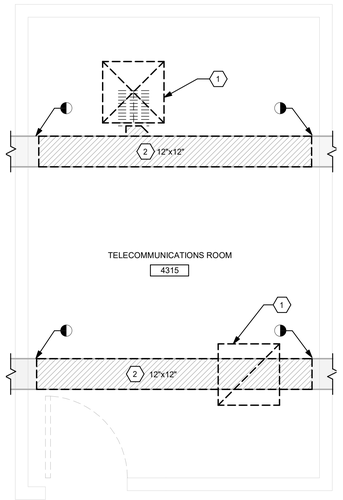
KEY NOTES

1. DEMOLISH GRILLE AND DUCT BRANCH.



1 BUILDING 111 LEVEL 04 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. 4315 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

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Drawing Title: BUILDING 111 LEVEL 04 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Building Number: 111
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	Drawing Number: 111-MD105

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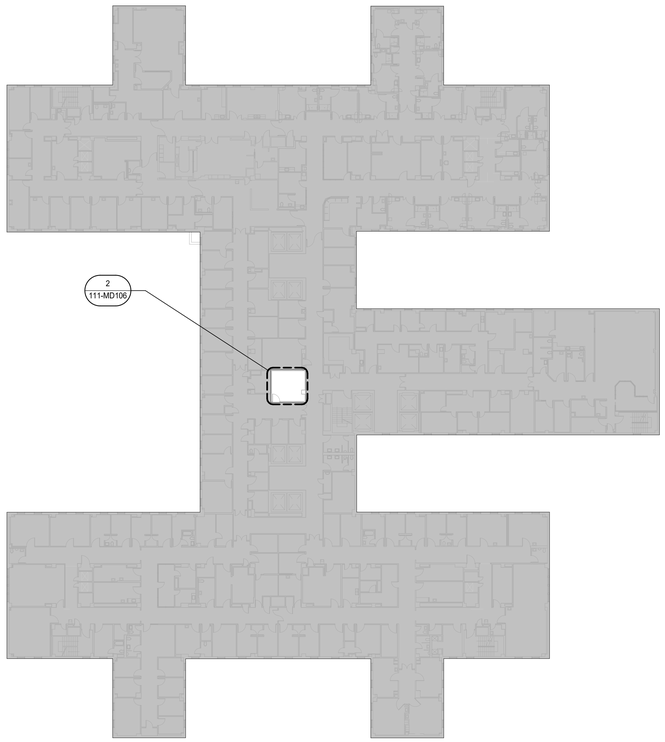
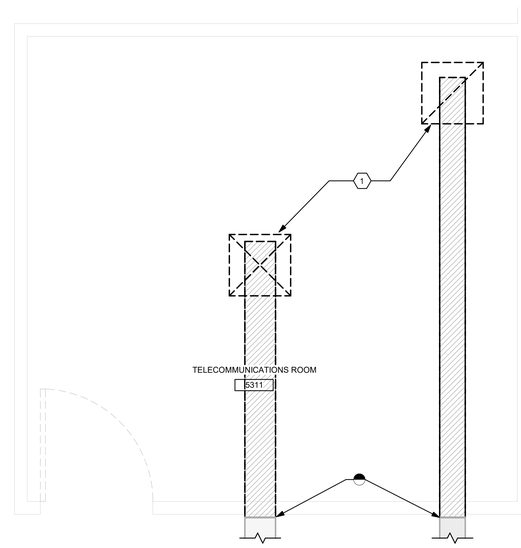
KEY NOTES

1. DEMOLISH GRILLE AND DUCT BRANCH. CAP DUCT AT MAIN CONNECTION OUTSIDE OF ROOM.



1 BUILDING 111 LEVEL 05 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. 5311 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

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Drawing Title: BUILDING 111 LEVEL 05 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MD106
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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Graphic Scale : 1/16" = 1'-0"
Graphic Scale : 1/8" = 1'-0"
Graphic Scale : 3/32" = 1'-0"
Graphic Scale : 1/4" = 1'-0"
Graphic Scale : 3/16" = 1'-0"
Graphic Scale : 1/2" = 1'-0"
Graphic Scale : 3/4" = 1'-0"
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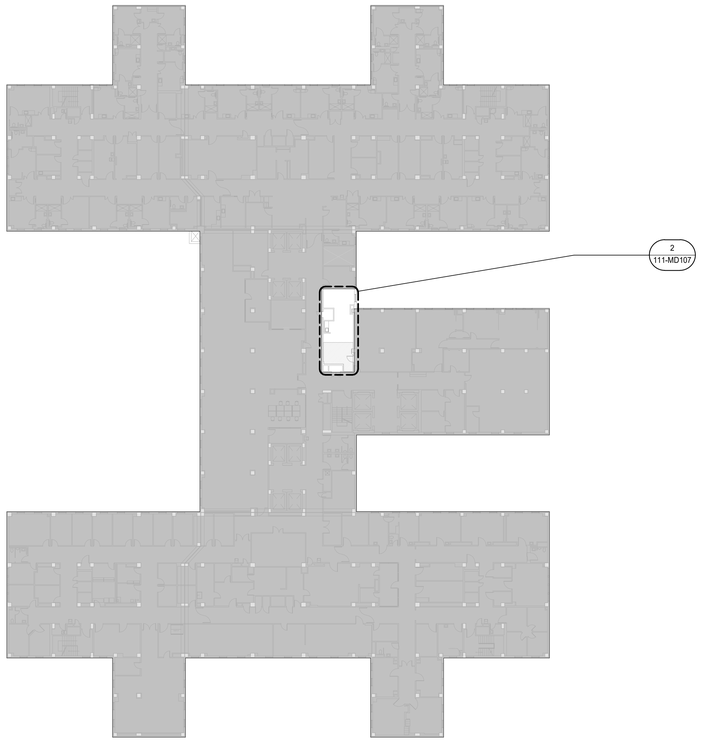
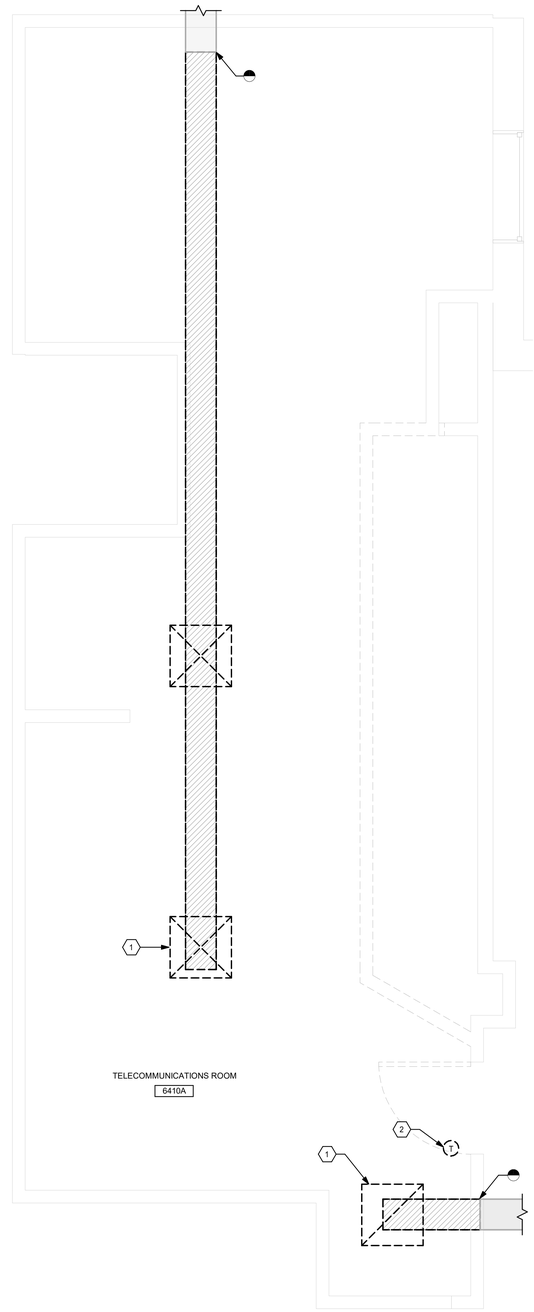
Graphic Scale : 1 1/2" = 1'-0"



1 BUILDING 111 LEVEL 06 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"

KEY NOTES

1. DEMOLISH GRILLE AND DUCT BRANCH. CAP DUCT AT MAIN CONNECTION OUTSIDE OF ROOM.
2. DEMOLISH EXISTING THERMOSTAT.



2 RM. 6410A ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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Drawing Title: BUILDING 111 LEVEL 06 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MD107
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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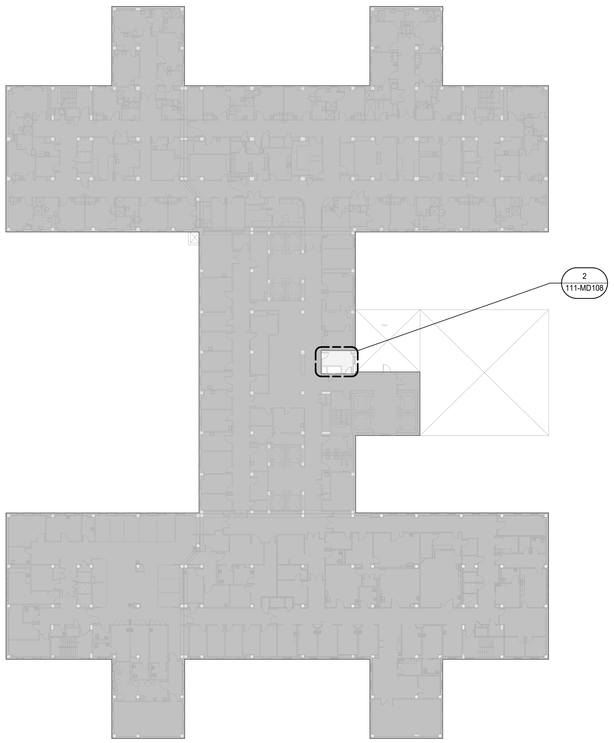
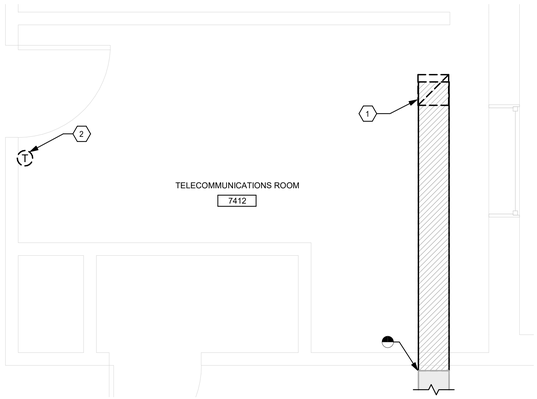
KEY NOTES

1. DEMOLISH GRILLE AND DUCT BRANCH. CAP DUCT AT MAIN CONNECTION OUTSIDE OF ROOM.
2. DEMOLISH EXISTING THERMOSTAT.



1 BUILDING 111 LEVEL 07 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. 7412 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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Drawing Title: BUILDING 111 LEVEL 07 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS

Approved:

Phase: FINAL BID DOCUMENTS

Sprinklered: FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI

Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI

Issue Date: SEPTEMBER 5, 2025

Checked: AGW

Drawn: HWG

Project Number: 695-21-700

Building Number: 111

Drawing Number: 111-MD108

Graphic Scale : 1" = 30'-0"
Graphic Scale : 1/16" = 1'-0"
Graphic Scale : 1/8" = 1'-0"
Graphic Scale : 3/32" = 1'-0"
Graphic Scale : 1/4" = 1'-0"
Graphic Scale : 3/16" = 1'-0"
Graphic Scale : 1/2" = 1'-0"
Graphic Scale : 3/4" = 1'-0"
Graphic Scale : 1" = 1'-0"
Graphic Scale : 1 1/2" = 1'-0"

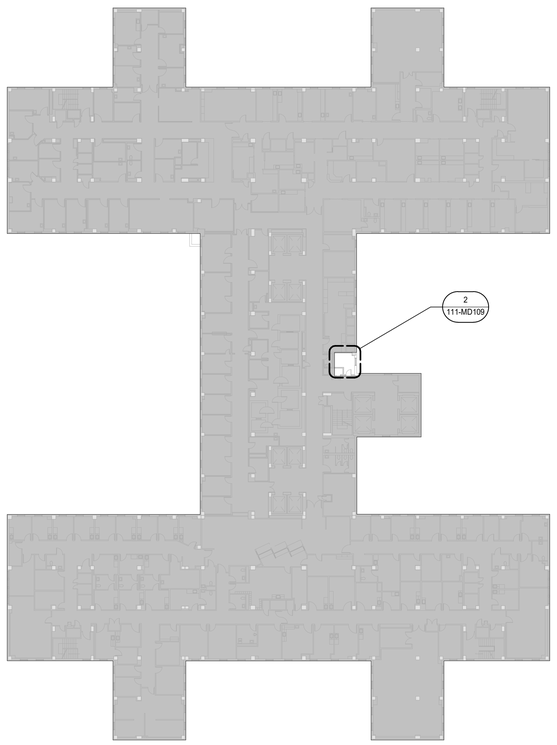
8/30/2025 10:25:02 AM

Autodesk Docs://OCFM East - Milwaukee EHRM (R24)/Consolidated Model (R24).rvt

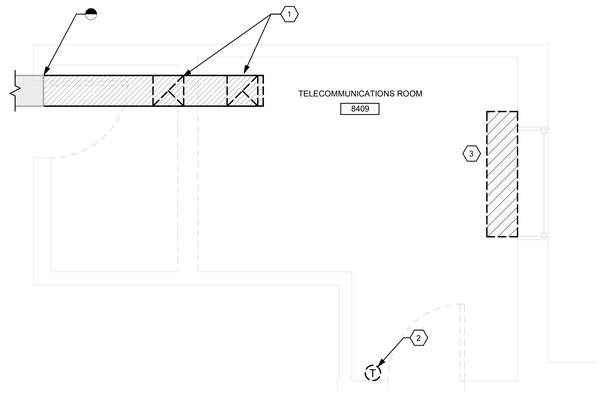
VA FORM 08 - 6231

KEY NOTES

1. DEMOLISH GRILLE AND DUCT BRANCH. CAP DUCT AT MAIN CONNECTION OUTSIDE OF ROOM.
2. DEMOLISH EXISTING THERMOSTAT.
3. DEMOLISH WALL CONVECTOR AND PIPING. CAP PIPE AT NEAREST MAIN. INSTALL 1/4"-TURN BALL VALVES AT CAPPED PIPING FOR FUTURE USE. UNIT IS FED FROM BELOW. CONTRACTOR WILL REQUIRE ACCESS TO CEILING OF FLOOR BELOW FOR NIGHT WORK TO CUT, CAP, AND PERFORM ACM GLOVE BAG ABATEMENTS OF FITTINGS (TWO SUPPLY & TWO RETURN LINES).



1 BUILDING 111 LEVEL 08 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. 8409 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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ARDO G. WIECZOREK
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PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 LEVEL 08 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS

Approved:

Phase: FINAL BID DOCUMENTS

Sprinklered: FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI

Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI

Issue Date: SEPTEMBER 5, 2025

Checked: AGW

Drawn: HWG

Project Number: 695-21-700

Building Number: 111

Drawing Number: 111-MD109

Graphic Scale : 3/32" = 1'-0"
Graphic Scale : 1/4" = 1'-0"
Graphic Scale : 3/16" = 1'-0"
Graphic Scale : 1/2" = 1'-0"
Graphic Scale : 3/4" = 1'-0"
Graphic Scale : 1" = 1'-0"
Graphic Scale : 1 1/2" = 1'-0"

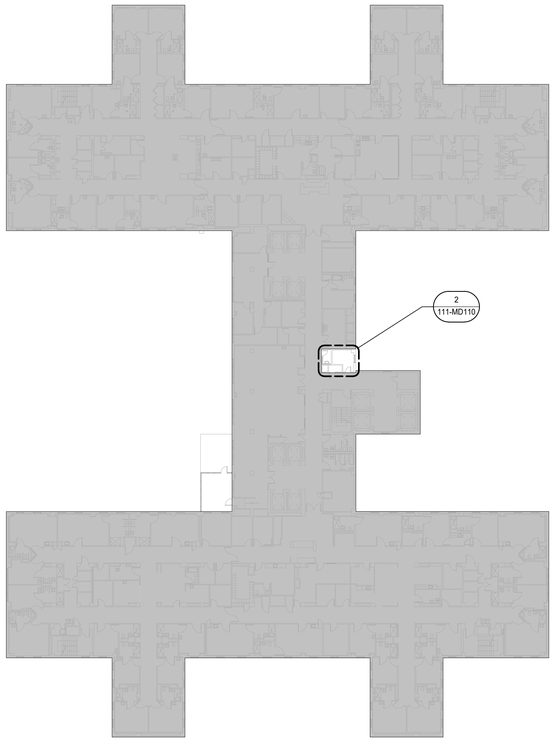
8/30/2025 10:25:05 AM

Autodesk Docs://OCFM East - Milwaukee EHRM (R24)/Consolidated Model (R24).rvt

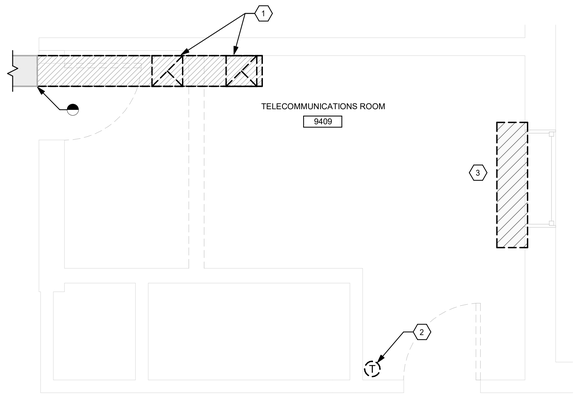
VA FORM 08 - 6231

KEY NOTES

1. DEMOLISH GRILLE AND DUCT BRANCH. CAP DUCT AT MAIN CONNECTION OUTSIDE OF ROOM.
2. DEMOLISH EXISTING THERMOSTAT.
3. DEMOLISH WALL CONVECTOR AND PIPING. CAP PIPE AT NEAREST MAIN. INSTALL 1/4"-TURN BALL VALVES AT CAPPED PIPING FOR FUTURE USE. UNIT IS FED FROM BELOW. CONTRACTOR WILL REQUIRE ACCESS TO CEILING OF FLOOR BELOW FOR NIGHT WORK TO CUT, CAP, AND PERFORM ACM GLOVE BAG ABATEMENTS OF FITTINGS (TWO SUPPLY & TWO RETURN LINES).



1 BUILDING 111 LEVEL 09 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. 9409 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

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VA U.S. Department of Veterans Affairs

Drawing Title BUILDING 111 LEVEL 09 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS	**Phase** FINAL BID DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	**Project Number** 695-21-700
			Building Number 111
Approved:	**Sprinklered** FULLY SPRINKLERED	**Location** 5000 W. NATIONAL AVENUE MILWAUKEE, WI	**Drawing Number** 111-MD110
		Issue Date SEPTEMBER 5, 2025 / **Checked** AGW / **Drawn** HWG	

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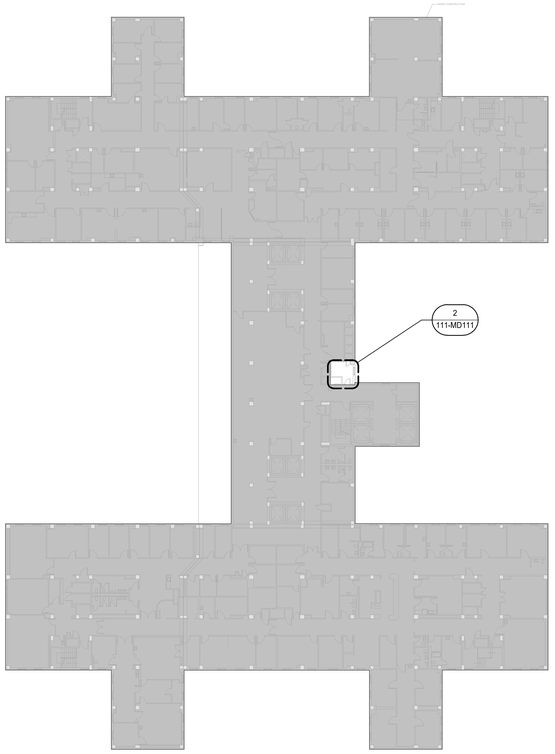
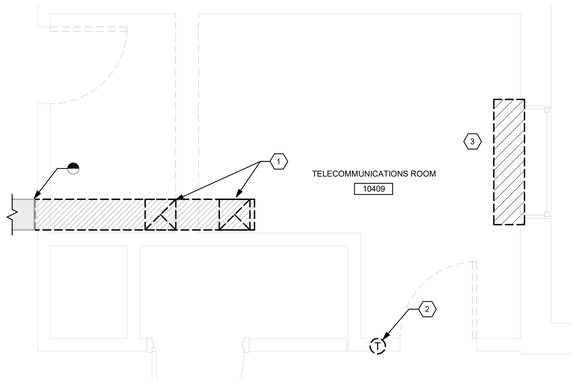
Graphic Scale : 3/16" = 1'-0"
Graphic Scale : 1/8" = 1'-0"
Graphic Scale : 3/32" = 1'-0"
Graphic Scale : 1/4" = 1'-0"
Graphic Scale : 1/2" = 1'-0"
Graphic Scale : 3/4" = 1'-0"
Graphic Scale : 1" = 1'-0"
Graphic Scale : 1 1/2" = 1'-0"

KEY NOTES

1. DEMOLISH GRILLE AND DUCT BRANCH. CAP DUCT AT MAIN CONNECTION OUTSIDE OF ROOM.
2. DEMOLISH EXISTING THERMOSTAT.
3. DEMOLISH WALL CONVECTOR AND PIPING. CAP PIPE AT NEAREST MAIN. INSTALL 1/4"-TURN BALL VALVES AT CAPPED PIPING FOR FUTURE USE. UNIT IS FED FROM BELOW. CONTRACTOR WILL REQUIRE ACCESS TO CEILING OF FLOOR BELOW FOR NIGHT WORK TO CUT, CAP, AND PERFORM ACM GLOVE BAG ABATEMENTS OF FITTINGS (TWO SUPPLY & TWO RETURN LINES).



1 BUILDING 111 LEVEL 10 FLOOR PLAN - MECHANICAL DEMOLITION
1" = 30'-0"



2 RM. 10409 ENLARGED PLAN - MECHANICAL DEMOLITION
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 LEVEL 10 - MECHANICAL OVERALL & ENLARGED DEMOLITION PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Building Number: 111
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	Drawing Number: 111-MD111

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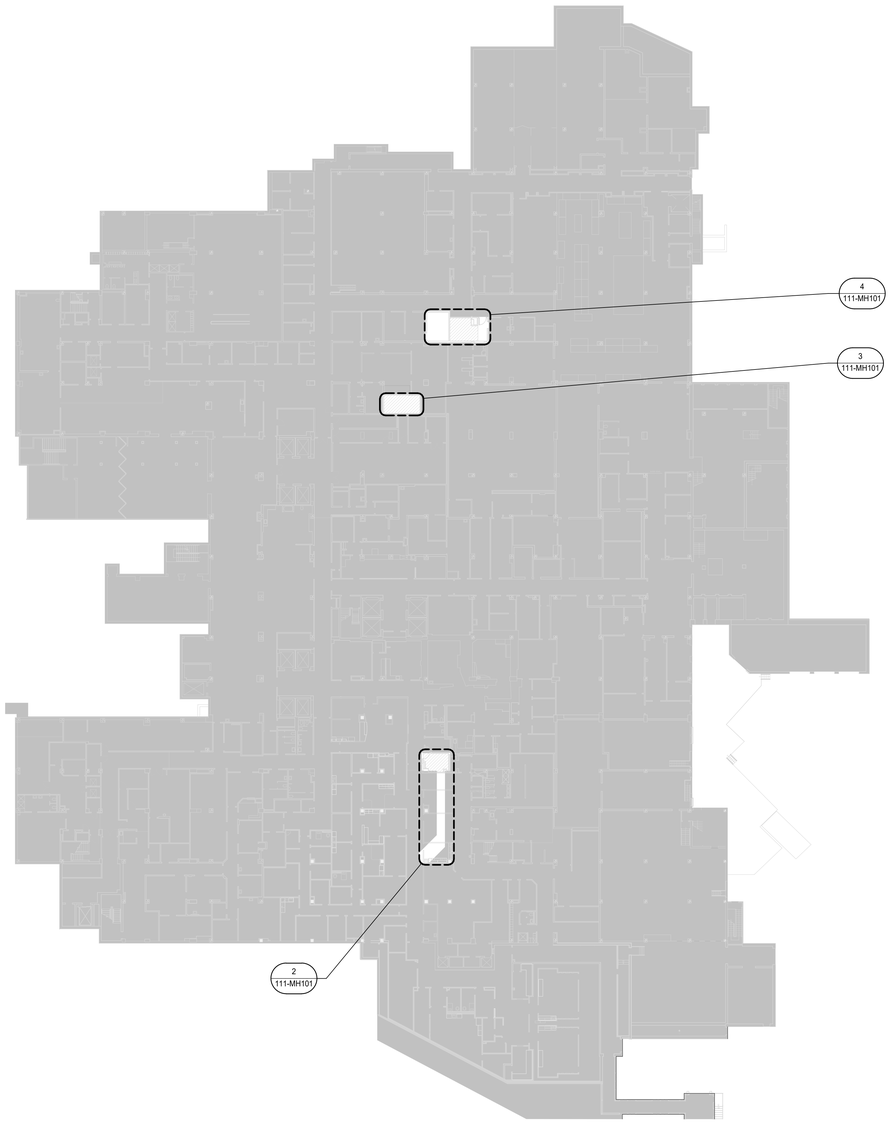
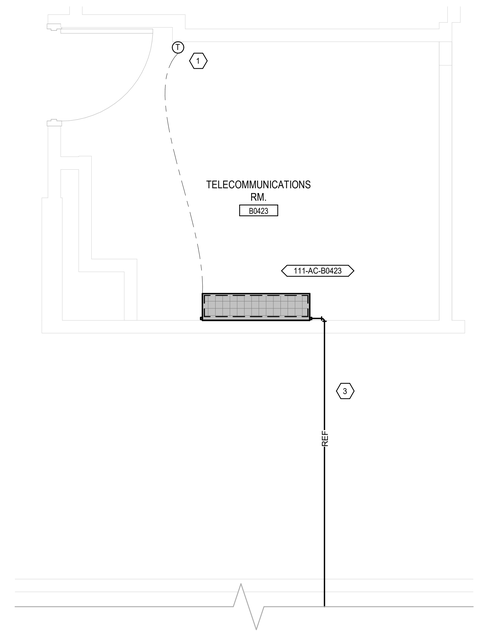
8/30/2025 10:25:11 AM

KEY NOTES

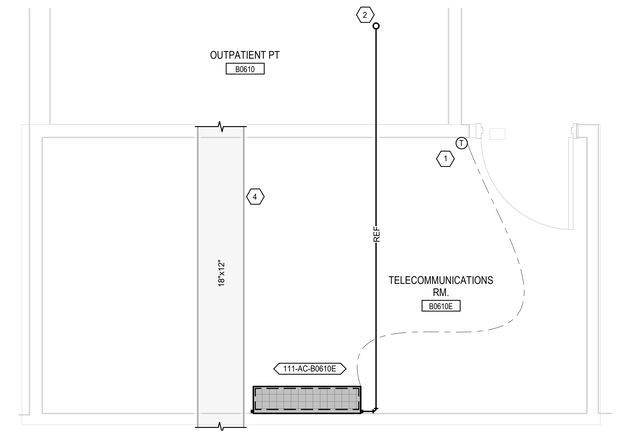
1. EXISTING CONDENSER TO REMAIN.
2. ROUTE REFRIGERANT PIPE THROUGH FLOOR, THEN ROUTE THROUGH BASEMENT.
3. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
4. SHADED AREA INDICATES RECOMMENDED 36" CLEARENCE FOR DX UNIT.



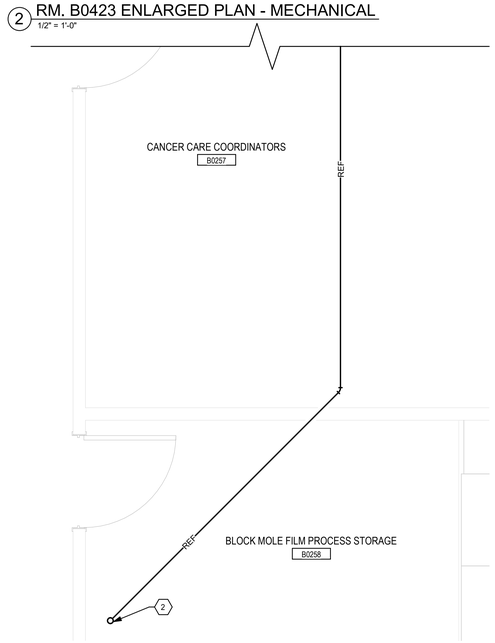
1 BUILDING 111 BASEMENT FLOOR PLAN - MECHANICAL
1" = 30'-0"



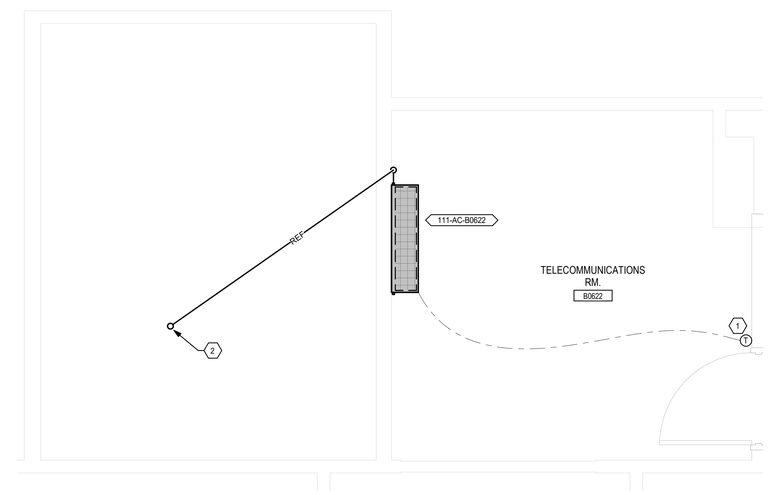
2 RM. B0423 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"



3 RM. B0610E ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"



5 RM. B0423 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"



4 RM. B0622 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

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Drawing Title BUILDING 111 BASEMENT - MECHANICAL FLOOR PLAN	**Phase** FINAL BID DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	**Project Number** 695-21-700
			Building Number 111
Approved:	**Sprinklered** FULLY SPRINKLERED	**Location** 5000 W. NATIONAL AVENUE MILWAUKEE, WI	**Drawing Number** 111-MH101
		Issue Date SEPTEMBER 5, 2025 / **Checked** AGW / **Drawn** HWG	

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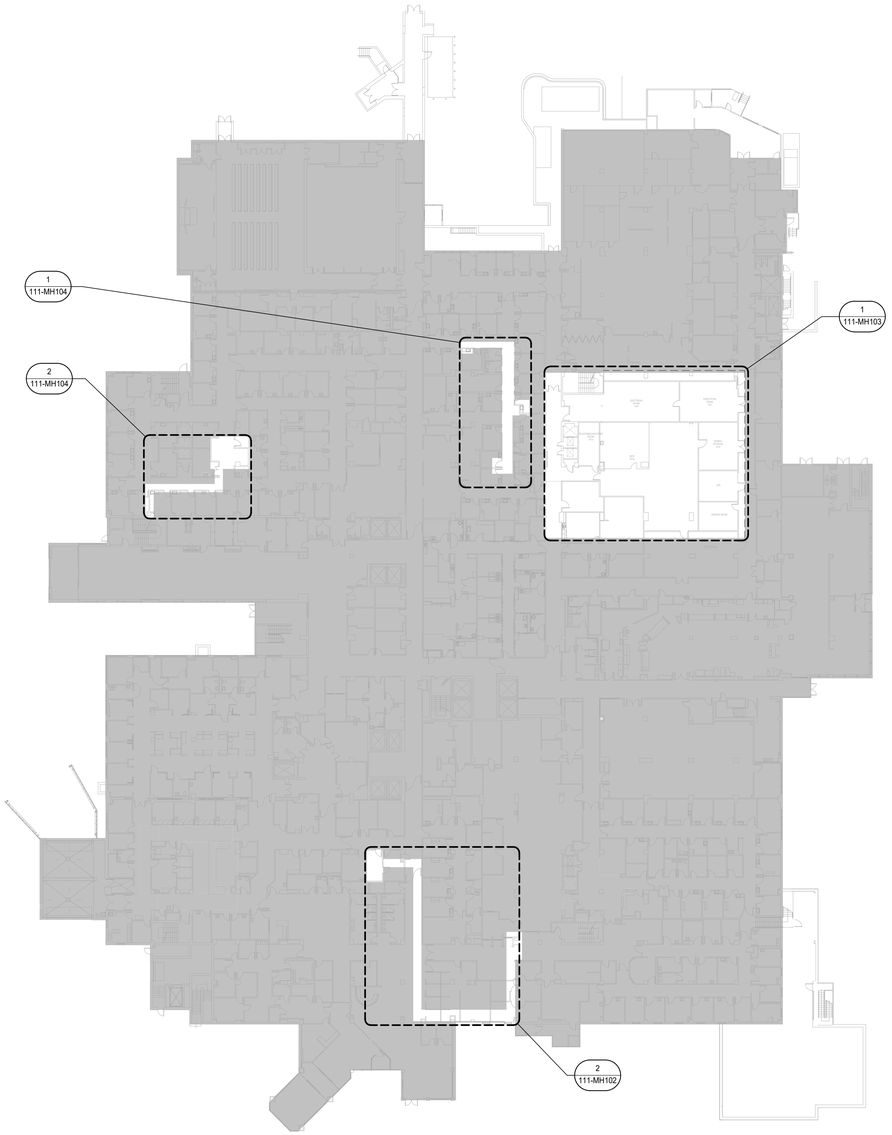
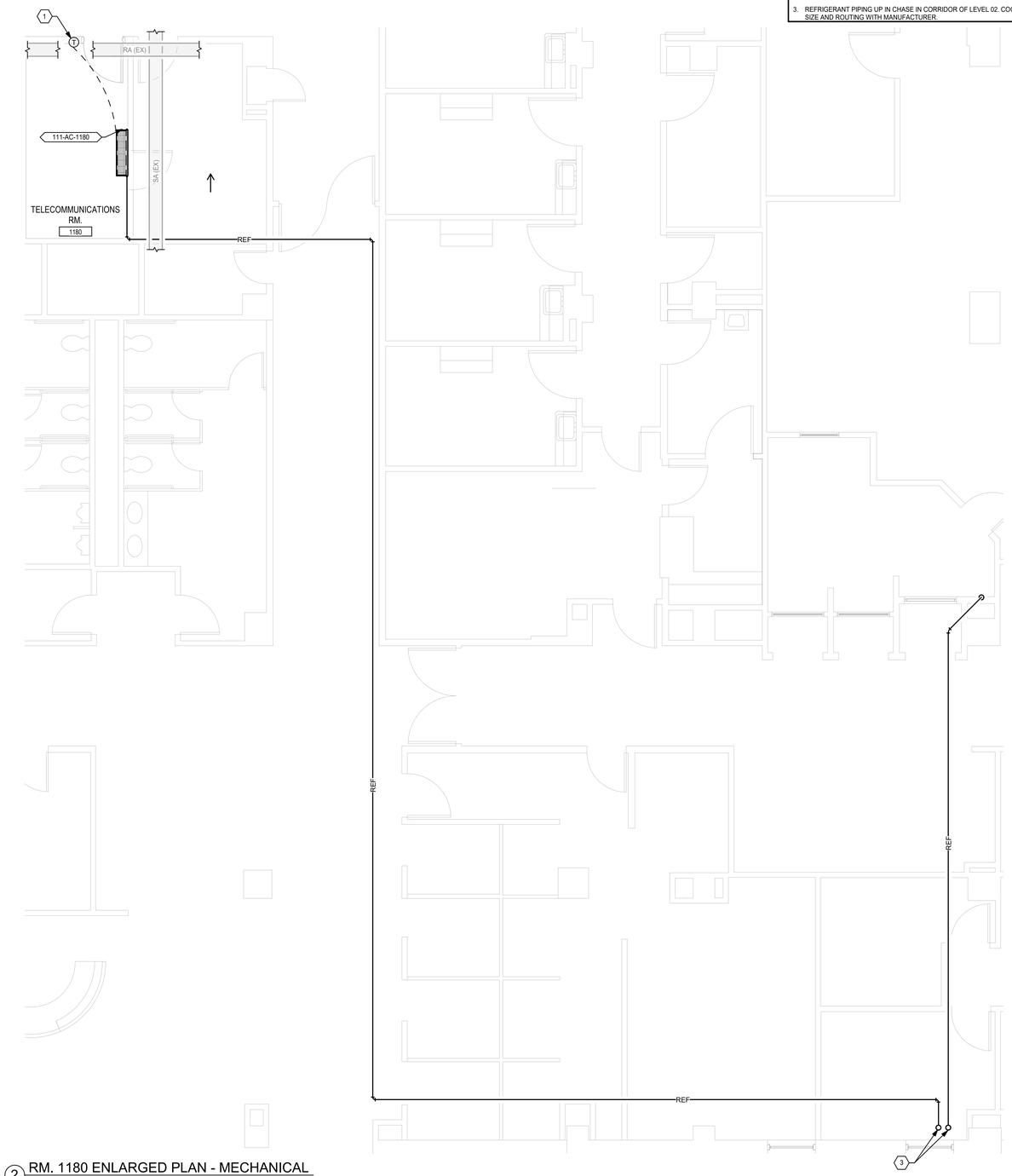


WOMEN'S CLINIC

1 BUILDING 111 LEVEL 01 FLOOR PLAN - MECHANICAL
1" = 30'-0"



2 RM. 1180 ENLARGED PLAN - MECHANICAL
1/4" = 1'-0"

KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. REFRIGERANT PIPING UP & DN. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. REFRIGERANT PIPING UP IN CHASE IN CORRIDOR OF LEVEL 02. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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SWISHER
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PROFESSIONAL ENGINEER

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Drawing Title: BUILDING 111 LEVEL 01 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI		Project Number: 695-21-700
				Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI		Drawing Number: 111-MH102
		Issue Date: SEPTEMBER 5, 2025	Checked: AGW	Drawn: HWG

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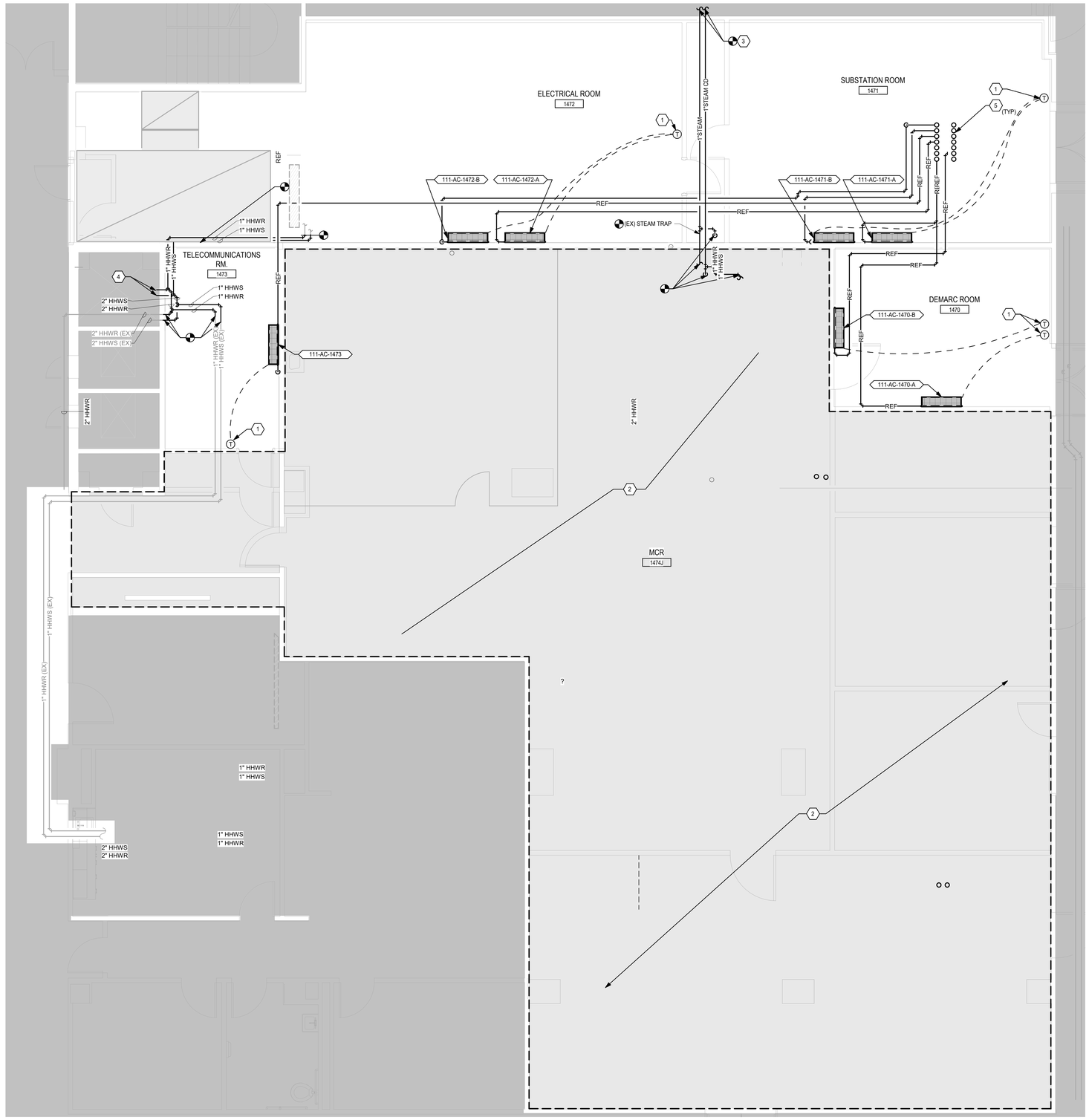

1 RM. 1457, 1673, & 1674 ENLARGED PLAN - MECHANICAL
1/4" = 1'-0"

TIER PLAN LEGEND

- TIER 1 AREA
- TIER 2 AREA
- AREA NOT IN CONTRACT

KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. DUCTWORK IN TIER 2 AREA IS FOR REFERENCE ONLY AND NOT IN TIER 1 CONTRACT.
3. RECONNECT NEW STEAM AND STEAM CONDENSATE BACK INTO EXISTING.
4. 2" HWS/R DOWN TO FLOOR BELOW.
5. ROUTE REFRIGERANT PIPE TO CONDENSING UNIT ON LEVEL 03 ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.

TRUE NORTH
PLAN NORTH

0' 10' 20' 40'
Graphic Scale : 1" = 20'-0"

Revisions:	Date:

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Drawing Title: BUILDING 111 LEVEL 01 - MECHANICAL ENLARGED PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MH103
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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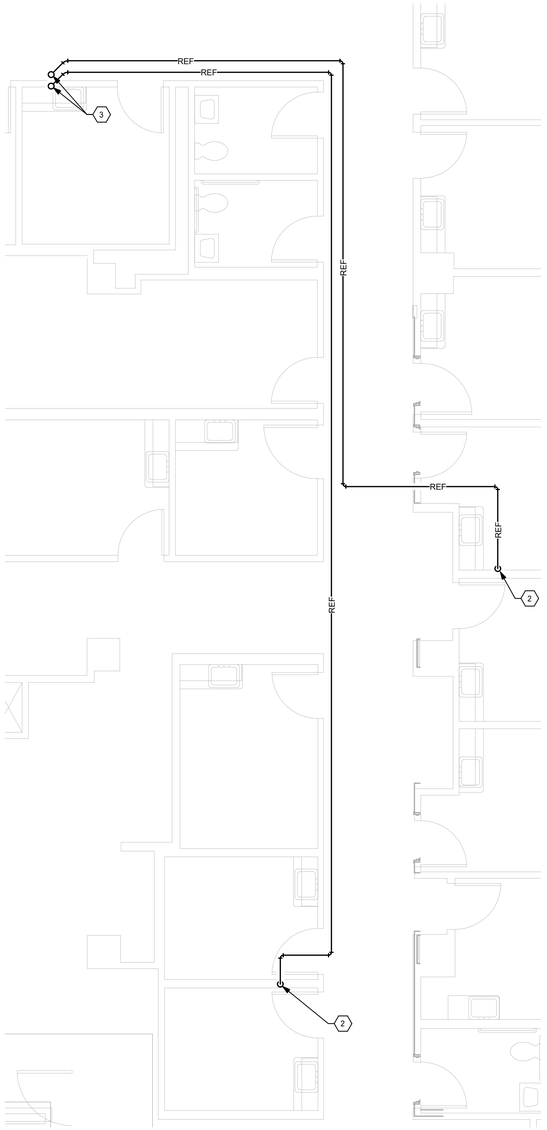
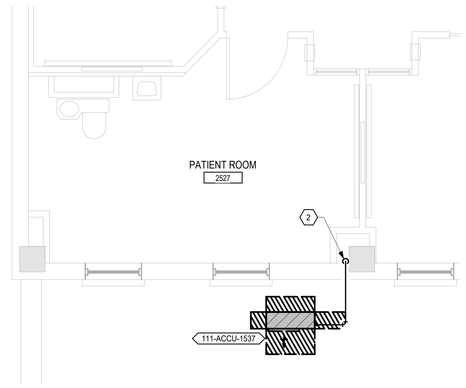
KEY NOTES

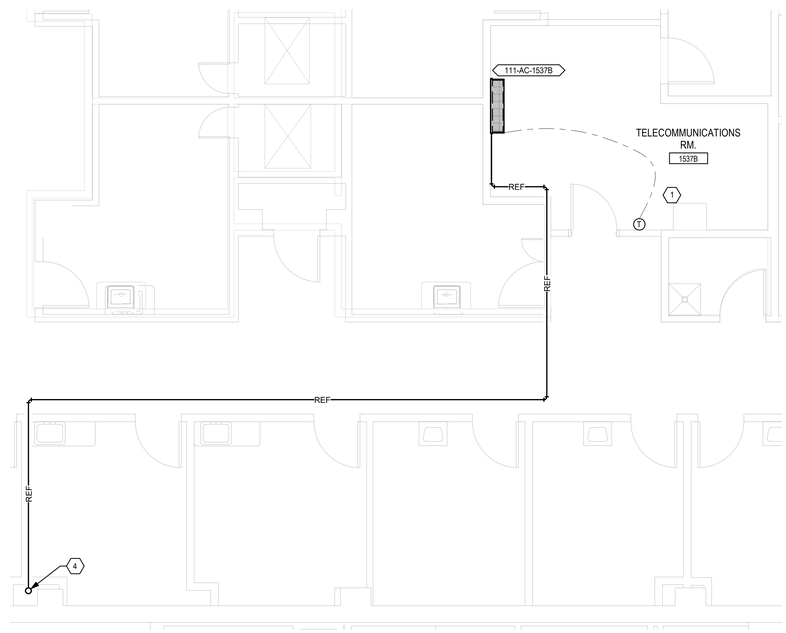
1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. REFRIGERANT PIPING DN. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. REFRIGERANT PIPING UP. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
4. REFRIGERANT PIPING UP IN CHASE IN CORRIDOR OF LEVEL 02. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.



1 BUILDING 111 LEVEL 01 FLOOR PLAN - MECHANICAL
1/4" = 1'-0"



3 BUILDING 111 LEVEL 02 ROOF PLAN - MECHANICAL
1/4" = 1'-0"



2 RM. 1537B ENLARGED PLAN - MECHANICAL
1/4" = 1'-0"

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Drawing Title: BUILDING 111 LEVEL 01 - MECHANICAL ENLARGED PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Building Number: 111
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	Drawing Number: 111-MH104

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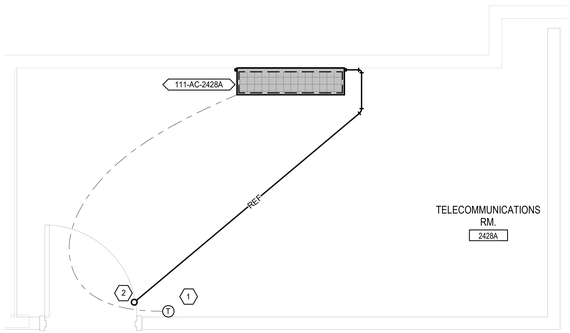
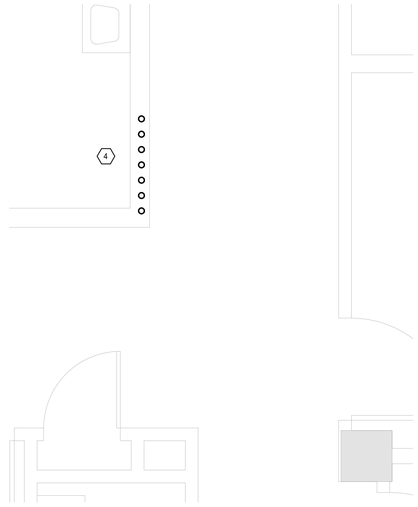
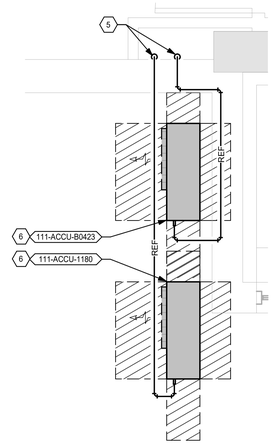


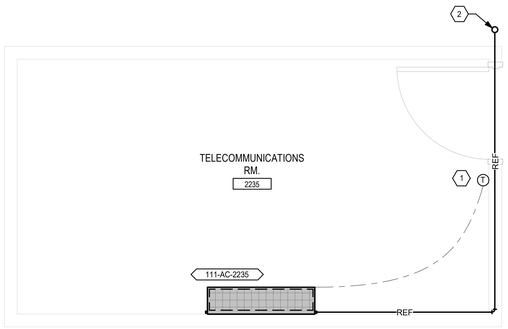
2 RM. 2428 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"



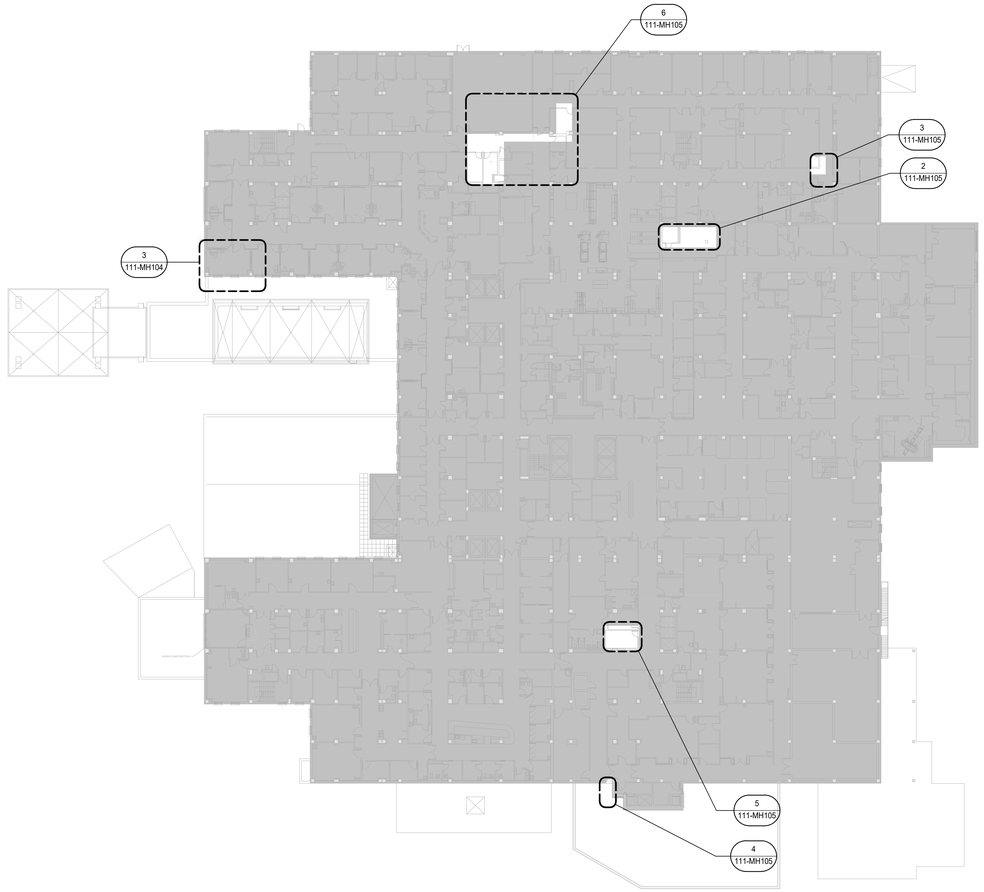
3 BUILDING 111 LEVEL 02 FLOOR PLAN - MECHANICAL
1/2" = 1'-0"



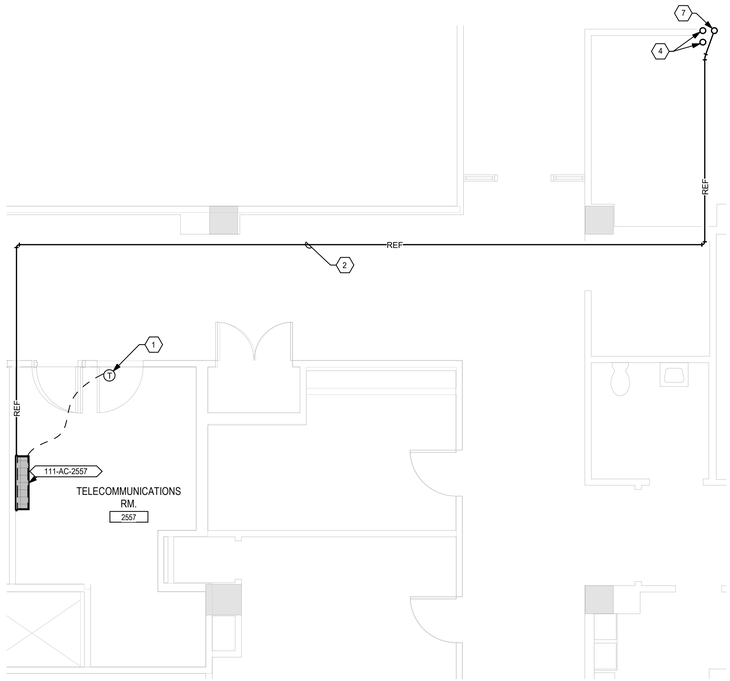
4 LOW ROOF ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"



5 RM. 2235 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"



1 BUILDING 111 LEVEL 02 FLOOR PLAN - MECHANICAL
1" = 30'-0"



6 RM. 2557 ENLARGED PLAN - MECHANICAL
1/4" = 1'-0"

KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. ROUTE REFRIGERANT PIPE UP TO CONDENSING UNIT ON LEVEL 03 ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. HATCHED AREA INDICATES MANUFACTURER'S RECOMMENED CLEARANCE FOR THE EQUIPMENT.
4. REFRIGERANT PIPING UP & DN.
5. REFRIGERANT PIPING DN IN CHASE.
6. CONDENSER UNIT LOCATED ON LOW ROOF. CONTRACTOR TO COORDINATE EXACT LOCATION IN FIELD PER VA REQUEST. PROVIDE GUARDRAILS AROUND CONDENSING UNIT IF WITHIN 10'-0" OF ROOF EDGE.
7. REFRIGERANT PIPING UP.

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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ARON G. WIECZOREK
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PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 LEVEL 02 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Building Number: 111
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	Drawing Number: 111-MH105

VA FORM 08 - 6231

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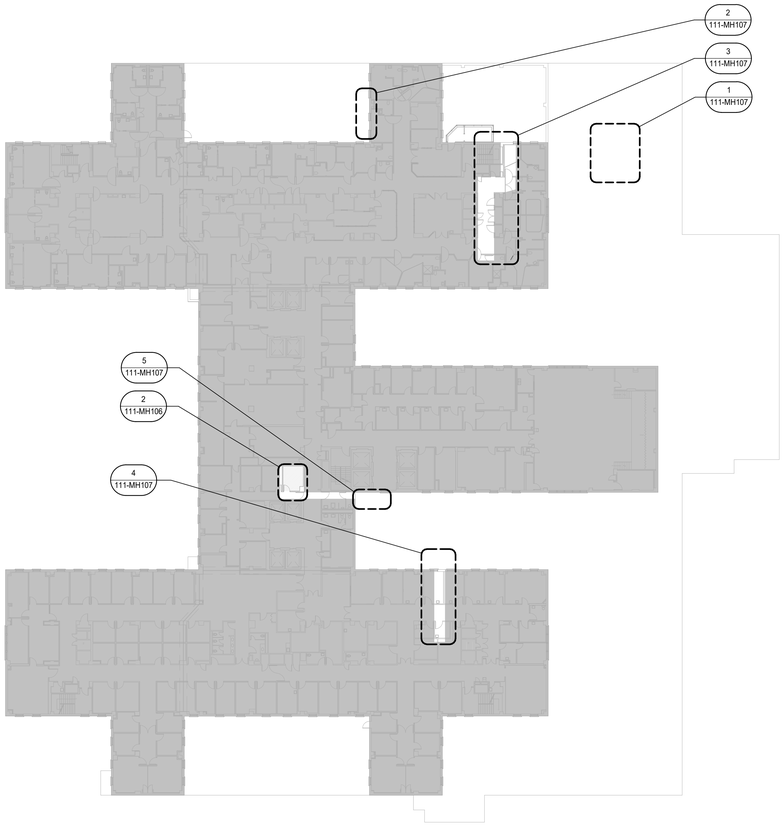
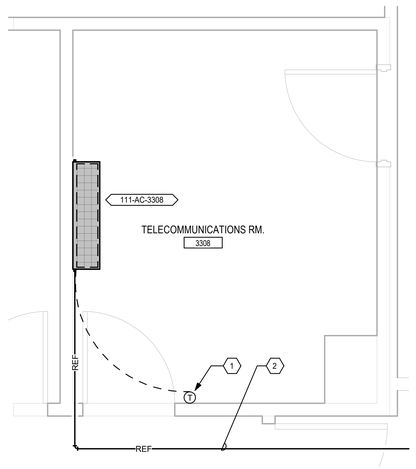
8/30/2025 10:26:33 AM

KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. ROUTE REFRIGERANT PIPE TO CONDENSING UNIT ON LEVEL 03 ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. HATCHED AREA INDICATES MANUFACTURER'S RECOMMENED CLEARANCE FOR THE EQUIPMENT.
4. PROVIDE SECONDARY EMERGENCY DRAIN PAN IF UNIT IS MOUNTED OVER I.T. EQUIPMENT.
5. CONDENSER UNIT LOCATED ON ROOF. CONTRACTOR TO COORDINATE EXACT LOCATION IN FIELD PER VA REQUEST. PROVIDE GUARDRAILS AROUND CONDENSING UNIT IF WITHIN 10'-0" OF ROOF EDGE. TYPICAL.
6. REFRIGERANT PIPING UP TO LEVEL 04. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
7. REFRIGERANT PIPING DN. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.



1 BUILDING 111 LEVEL 03 FLOOR PLAN - MECHANICAL
1" = 30'-0"



2 RM. 3308 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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PROFESSIONAL ENGINEER

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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 LEVEL 03 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MH106
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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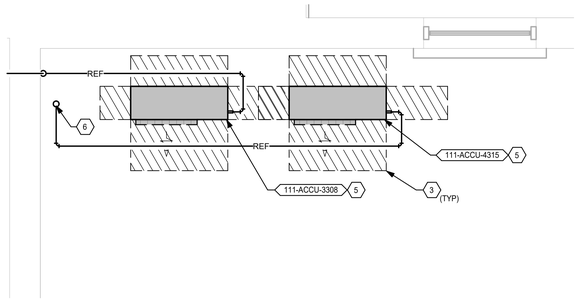
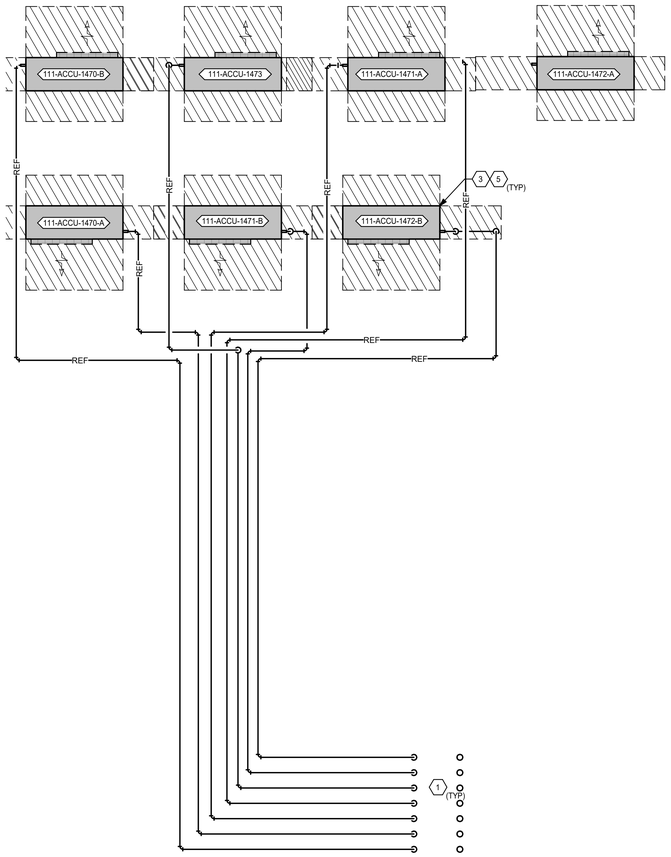
Graphic Scale : 3/16" = 1'-0"
Graphic Scale : 1/2" = 1'-0"
Graphic Scale : 3/4" = 1'-0"
Graphic Scale : 1" = 1'-0"
Graphic Scale : 1 1/2" = 1'-0"
Graphic Scale : 1 1/4" = 1'-0"
Graphic Scale : 1/8" = 1'-0"
Graphic Scale : 3/32" = 1'-0"

KEY NOTES

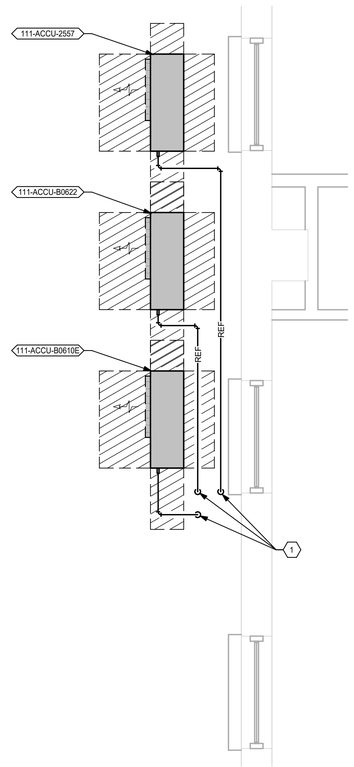
1. REFRIGERANT PIPING DOWN.
2. REFER TO DETAIL 1 ON SHEET 111-MH105 FOR CONTINUATION.



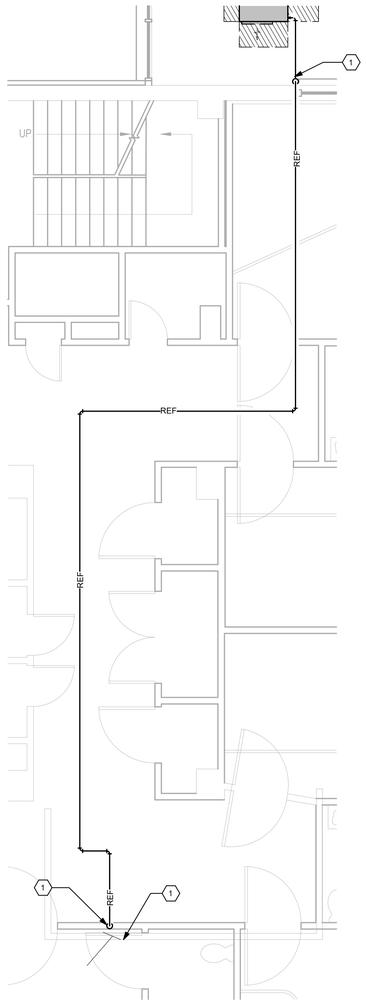
5 BUILDING 111 LEVEL 03 FLOOR ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"



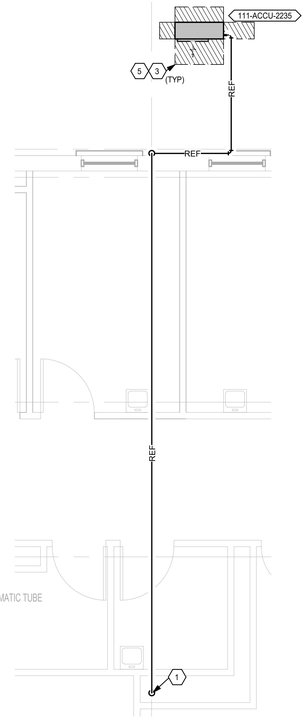
1 BUILDING 111 LEVEL 03 FLOOR ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"



BUILDING 111 LEVEL 03 FLOOR ENLARGED PLAN - MECHANICAL
2 1/2" = 1'-0"



BUILDING 111 LEVEL 03 FLOOR ENLARGED PLAN - MECHANICAL
3 1/4" = 1'-0"



BUILDING 111 LEVEL 03 FLOOR ENLARGED PLAN - MECHANICAL
4 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

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VA U.S. Department of Veterans Affairs

Drawing Title	BUILDING 111 LEVEL 03 - MECHANICAL FLOOR PLAN
Approved:	
Phase	FINAL BID DOCUMENTS
Sprinklered	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI
Location	5000 W. NATIONAL AVENUE MILWAUKEE, WI
Issue Date	SEPTEMBER 5, 2025
Checked	AGW
Drawn	HWG
Project Number	695-21-700
Building Number	
Drawing Number	111-MH107

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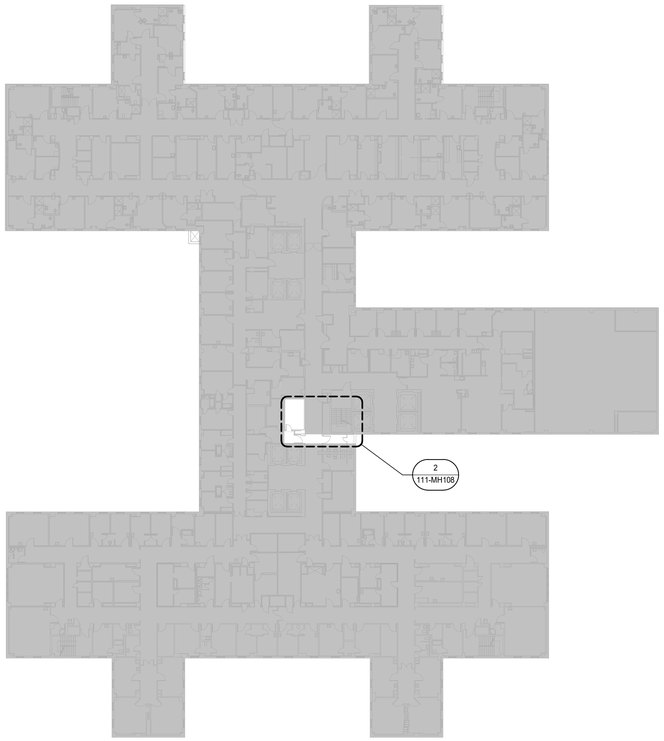
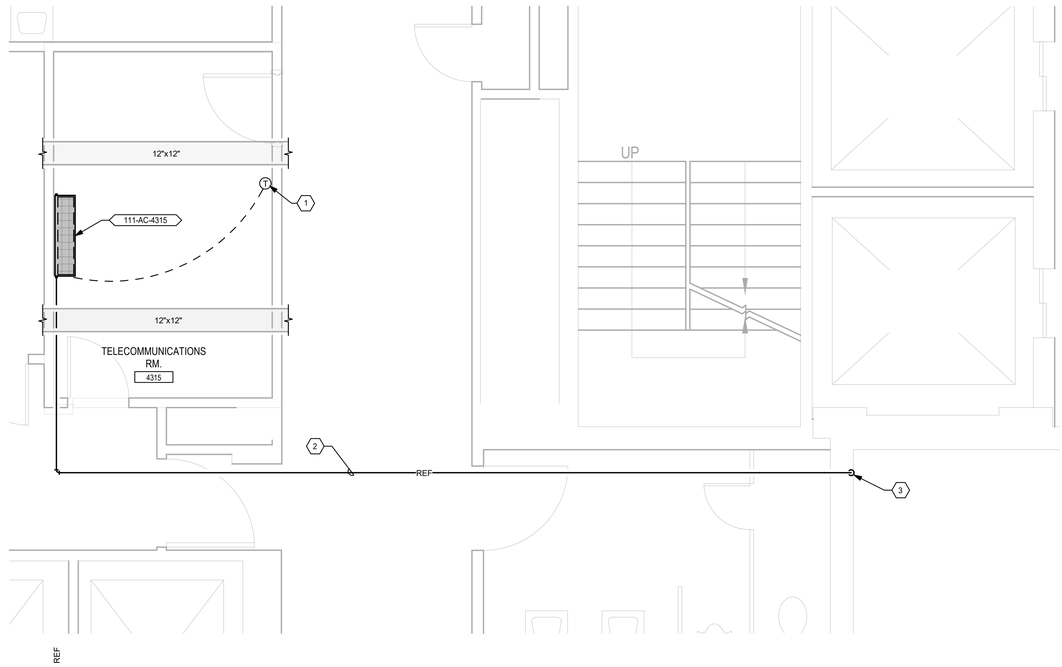
KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. ROUTE REFRIGERANT PIPE TO CONDENSING UNIT ON LEVEL 03 ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. REFRIGERANT PIPING DN.



1 BUILDING 111 LEVEL 04 FLOOR PLAN - MECHANICAL
1" = 30'-0"



2 RM. 4315 ENLARGED PLAN - MECHANICAL
3/8" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 LEVEL 04 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MH108
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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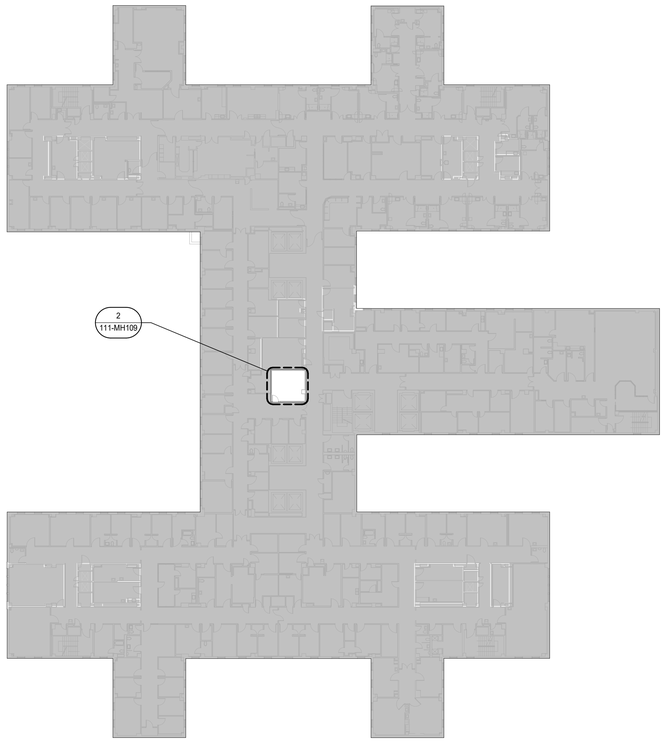
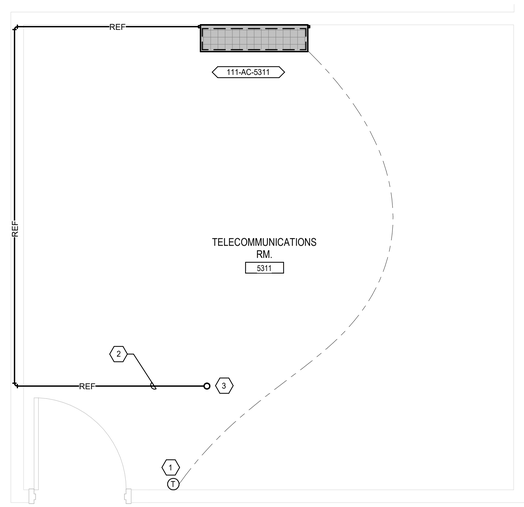
8/30/2025 10:25:44 AM

KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. ROUTE REFRIGERANT PIPE TO CONDENSING UNIT ON 7TH FLOOR ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. REFRIGERANT PIPING UP.



1 BUILDING 111 LEVEL 05 FLOOR PLAN - MECHANICAL
1" = 30'-0"



2 RM. 5311 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

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Drawing Title: BUILDING 111 LEVEL 05 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MH109
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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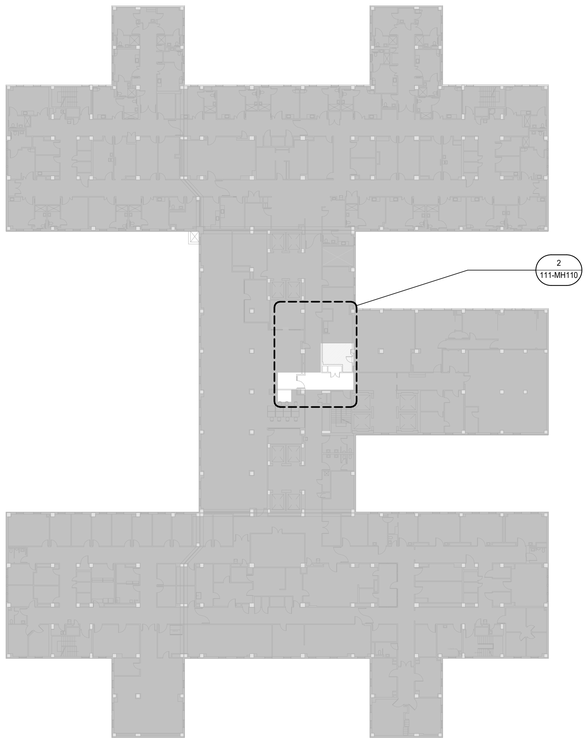
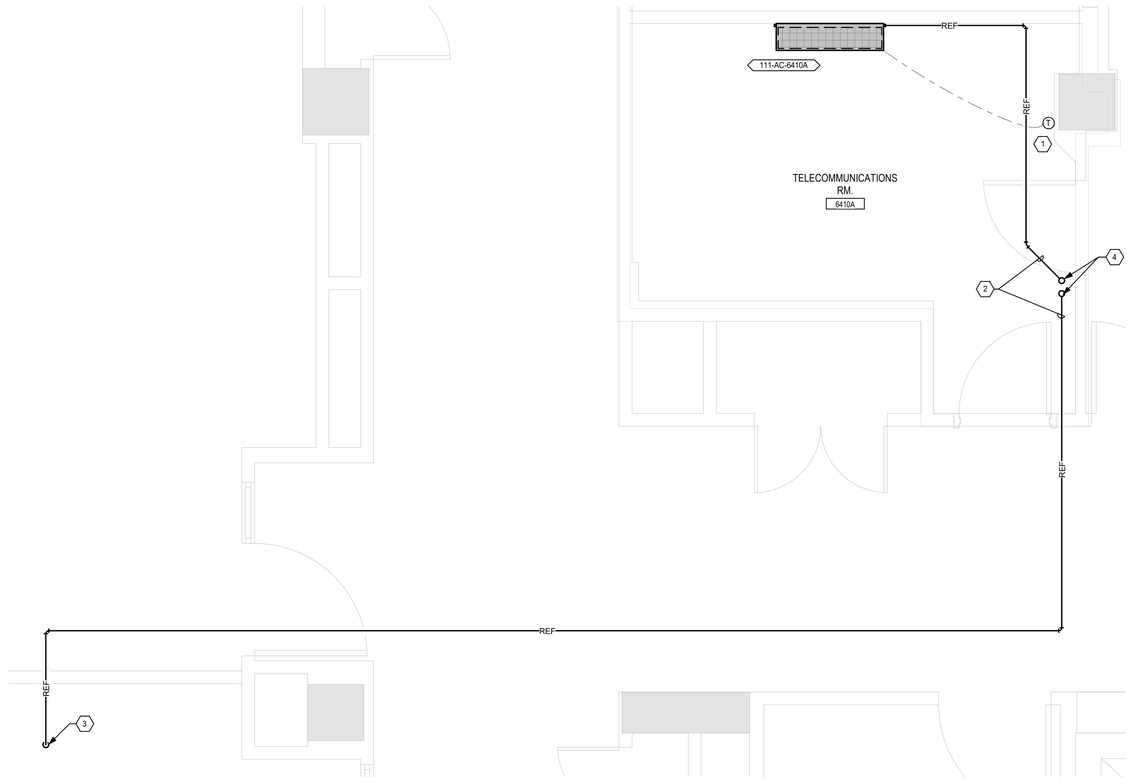
Graphic Scale : 1/16" = 1'-0"
Graphic Scale : 1/8" = 1'-0"
Graphic Scale : 3/32" = 1'-0"
Graphic Scale : 1/4" = 1'-0"
Graphic Scale : 3/16" = 1'-0"
Graphic Scale : 1/2" = 1'-0"
Graphic Scale : 3/4" = 1'-0"
Graphic Scale : 1" = 1'-0"
Graphic Scale : 1 1/2" = 1'-0"

KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. ROUTE REFRIGERANT PIPE UP TO CONDENSING UNIT ON 7TH FLOOR ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. ROUTE RFRIGERANT LINE DOWN TO LEVEL 05. REFER TO 2/111-MH108.
4. REFRIGERANT PIPING UP.



1 BUILDING 111 LEVEL 06 FLOOR PLAN - MECHANICAL
1" = 30'-0"



2 RM. 6410A ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

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Drawing Title: BUILDING 111 LEVEL 06 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MH110
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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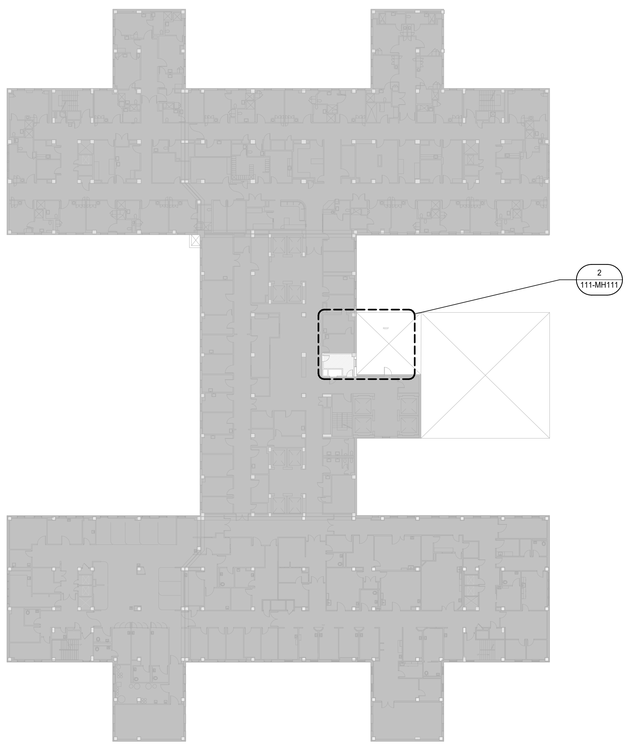
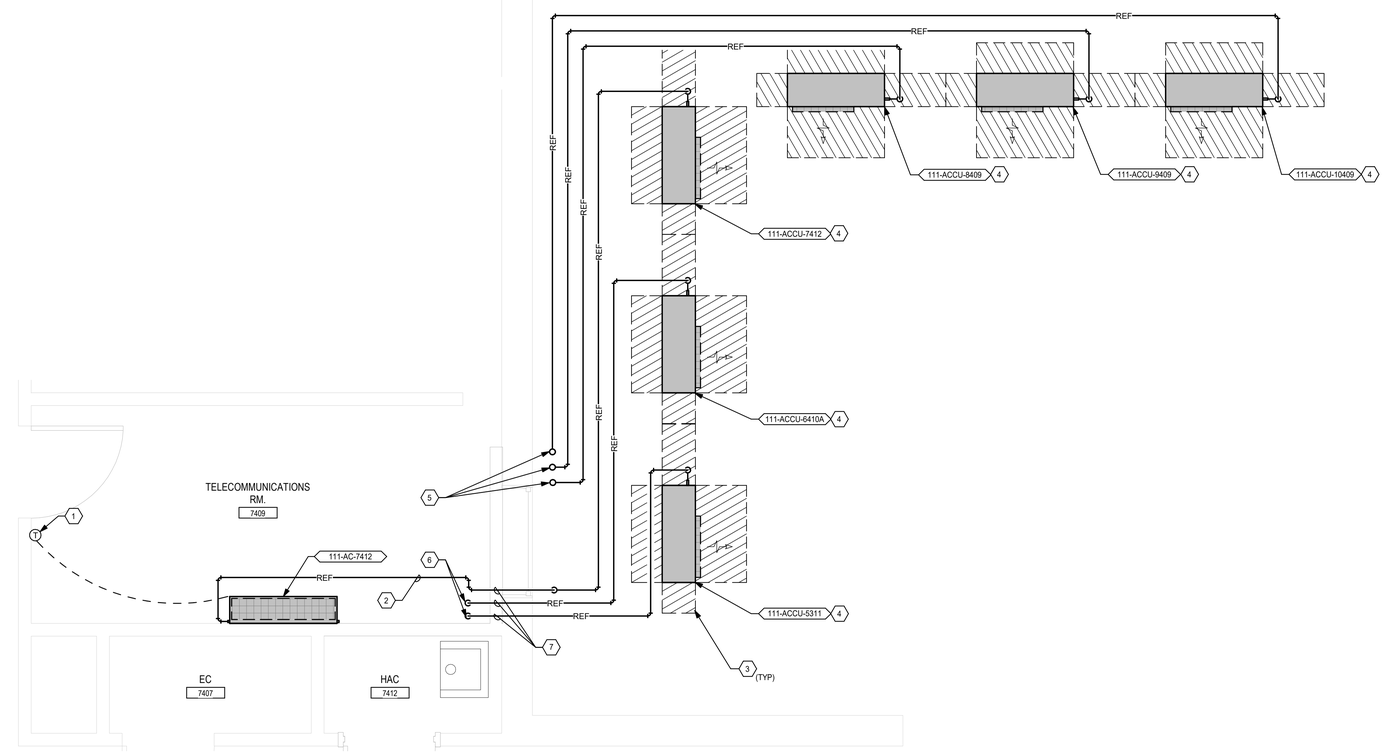
KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. ROUTE REFRIGERANT PIPE TO CONDENSING UNIT ON LEVEL 07 ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. HATCHED AREA INDICATES MANUFACTURER'S RECOMMENED CLEARANCE FOR THE EQUIPMENT.
4. CONDENSER UNIT LOCATED ON ROOF. CONTRACTOR TO COORDINATE EXACT LOCATION IN FIELD PER VA REQUEST. PROVIDE GUARDRAILS AROUND CONDENSING UNIT IF WITHIN 10'-0" OF ROOF EDGE, TYP.
5. REFRIGERANT PIPING UP.
6. REFRIGERANT PIPING DN.
7. ROUTE REFRIGERANT PIPING THROUGH EXTERIOR WALL ALONG WITH PIPING FROM FLOOR BELOW.



1 BUILDING 111 LEVEL 07 FLOOR PLAN - MECHANICAL
1" = 30'-0"



2 RM. 7412 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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Drawing Title: BUILDING 111 LEVEL 07 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Building Number: 111
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	Drawing Number: 111-MH111

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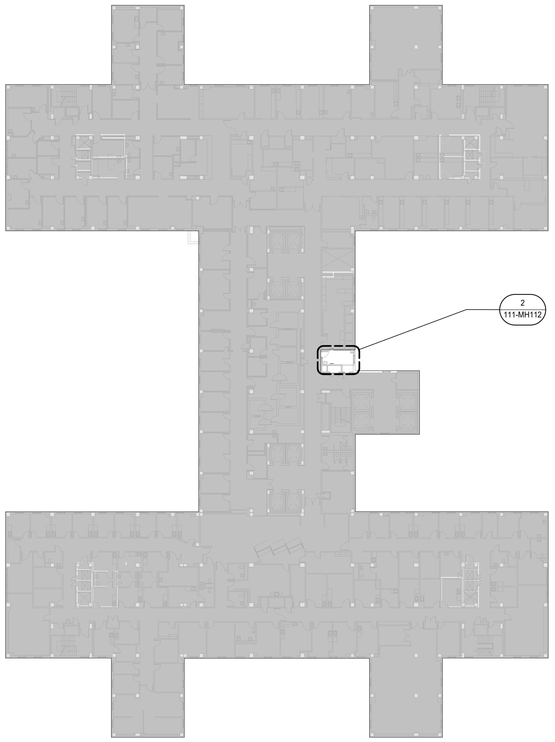
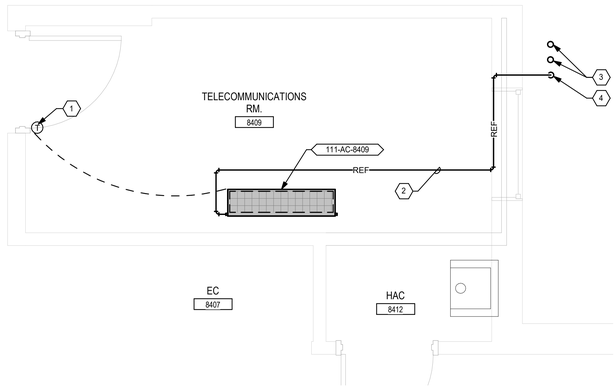
KEY NOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. ROUTE REFRIGERANT PIPE TO CONDENSING UNIT ON LEVEL 07 ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. REFRIGERANT PIPING UP & DN.
4. REFRIGERANT PIPING DN.



1 BUILDING 111 LEVEL 08 FLOOR PLAN - MECHANICAL
1" = 30'-0"



2 RM. 8409 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

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ARDO G. WIECZOREK
#42666-6
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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 LEVEL 08 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MH112
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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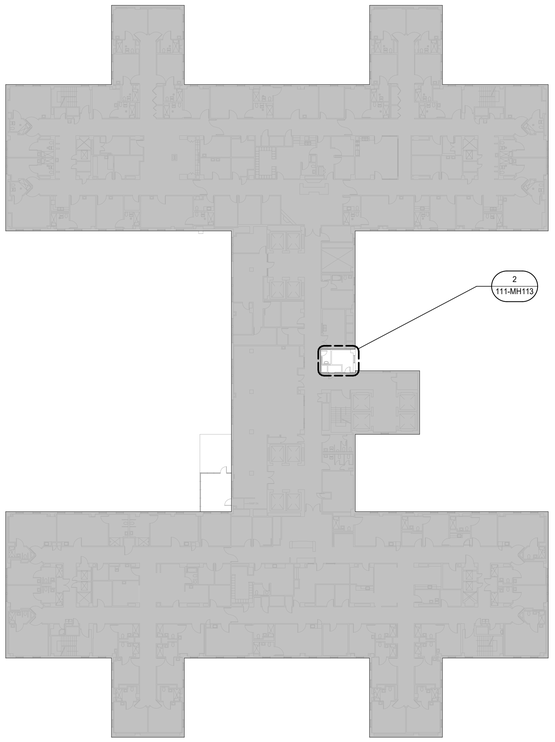
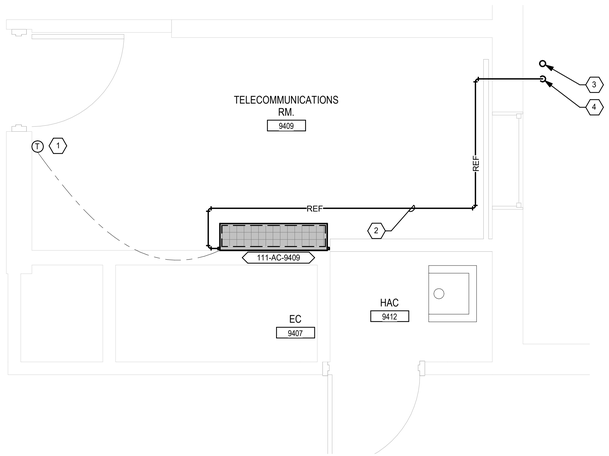
Graphic Scale : 3/32" = 1'-0"
Graphic Scale : 1/8" = 1'-0"
Graphic Scale : 1/4" = 1'-0"
Graphic Scale : 3/16" = 1'-0"
Graphic Scale : 1/2" = 1'-0"
Graphic Scale : 3/4" = 1'-0"
Graphic Scale : 1" = 1'-0"
Graphic Scale : 1 1/2" = 1'-0"

KEYNOTES

1. TEMPERATURE CONTROL. REFERENCE MECHANICAL CONTROL PLANS FOR CONTROLS AND MONITORING.
2. ROUTE REFRIGERANT PIPE TO CONDENSING UNIT ON 7TH FLOOR ROOF. COORDINATE SIZE AND ROUTING WITH MANUFACTURER.
3. REFRIGERANT PIPING UP & DN.
4. REFRIGERANT PIPING DN.



1 BUILDING 111 LEVEL 09 FLOOR PLAN - MECHANICAL
1" = 30'-0"



2 RM. 9409 ENLARGED PLAN - MECHANICAL
1/2" = 1'-0"

TRUE NORTH
PLAN NORTH

0' 15' 30' 60'
Graphic Scale : 1" = 30'-0"

Revisions:	Date:

CONSULTANT

IMEG
15 SUNNEN DR SUITE 104
SAINT LOUIS, MO 63143
314.645.1132 FAX: 314.645.1173
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9/5/25
ARGO G. WIECZOREK
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SWISHER
IOWA
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 LEVEL 09 - MECHANICAL FLOOR PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	Project Number: 695-21-700
			Building Number: 111
Approved:	Sprinklered: FULLY SPRINKLERED	Location: 5000 W. NATIONAL AVENUE MILWAUKEE, WI	Drawing Number: 111-MH113
		Issue Date: SEPTEMBER 5, 2025 / Checked: AGW / Drawn: HWG	

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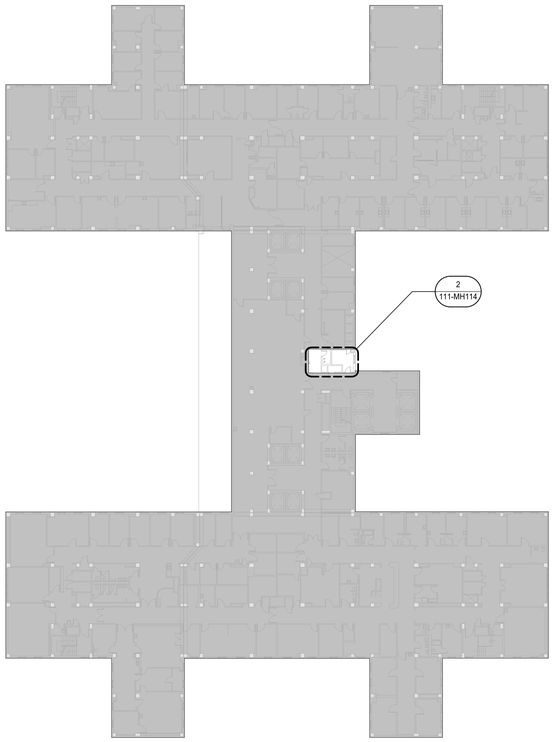
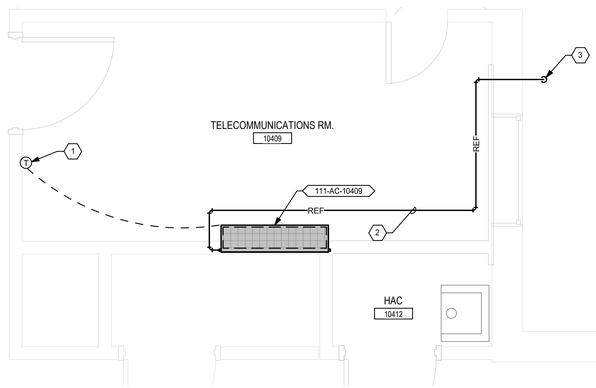
3. REFRIGERANT PIPING DN.



1 BUILDING 111 LEVEL 10 FLOOR PLAN - MECHANICAL
1" = 30'-0"



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Revisions:	Date:

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ARED G. WIECZOREK
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PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title BUILDING 111 LEVEL 10 - MECHANICAL FLOOR PLAN	**Phase** FINAL BID DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES – MILWAUKEE, WI	**Project Number** 695-21-700
			Building Number 111
Approved:	**Sprinklered** FULLY SPRINKLERED	**Location** 5000 W. NATIONAL AVENUE MILWAUKEE, WI	**Drawing Number** 111-MH114
		Issue Date SEPTEMBER 5, 2025 / **Checked** AGW / **Drawn** HWG	

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