

GENERAL NOTES

- CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, VA STANDARDS AND SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- COORDINATE INSTALLATION OF EQUIPMENT AND MATERIALS WITH OTHER TRADES. DO NOT ROUTE CONDENSATE PIPING OVER ELECTRICAL PANELS OR ELECTRONIC EQUIPMENT.
- CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND OWNER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
- IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRE STOPPED AT THE END OF THE WORK SHIFT, TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SHALL BE INSTALLED IN THE PENETRATION TO PROVIDE PROTECTION AGAINST FIRE/SMOKE SPREAD THROUGH THE UNSEALED PENETRATION.

DEMOLITION GENERAL NOTES

- REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
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- REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS. AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

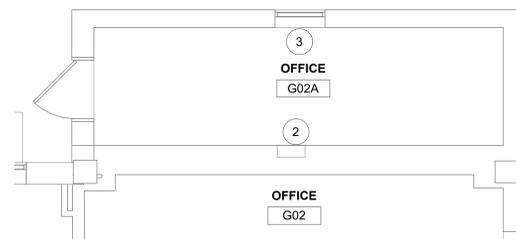
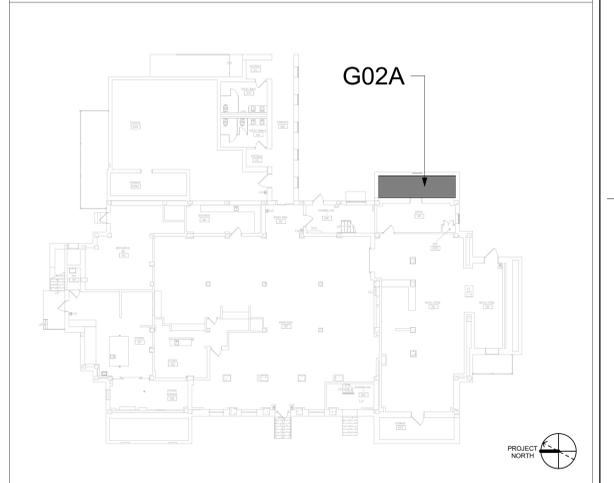
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- ALL TELECOM ROOMS TO HAVE EXISTING QUICK RESPONSE SPRINKLERS REPLACED WITH STANDARD RESPONSE SPRINKLERS.
- ROOMS THAT DON'T HAVE CEILINGS (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE.
- ROOMS WITH FINISHED CEILINGS SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
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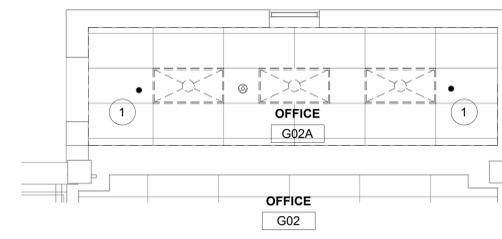
KEYNOTES

- DEMO SPRINKLER.
- DEMO WALL GRILLE. DEMO DUCT BACK TO MAIN. CAP/SEAL DUCT AT MAIN.
- REMOVE PTAC. TURN OVER TO COR.
- INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
- INSTALL STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
- INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
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- REFER TO M-501 FOR CONDENSING UNIT GROUND MOUNT SUPPORT DETAIL.
- REFER TO M-502 FOR PIPE THRU WALL DETAIL.
- REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.

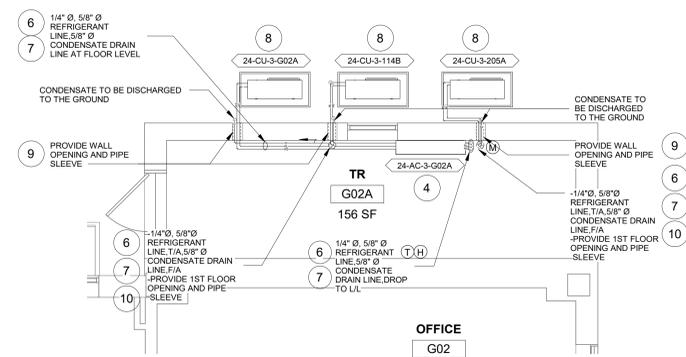
KEY PLAN



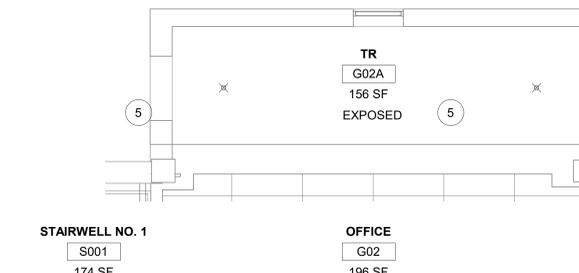
1 RM G02A - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM G02A - DEMO RCP
1/4" = 1'-0"



3 RM G02A - FLOOR PLAN
1/4" = 1'-0"



4 RM G02A - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
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RAY SPEES



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

Drawing Title
BLDG. 24 - FLOOR 0 - DEMO, FLOOR PLANS & RCP
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
24
Drawing Number
24M-100
93 OF 435

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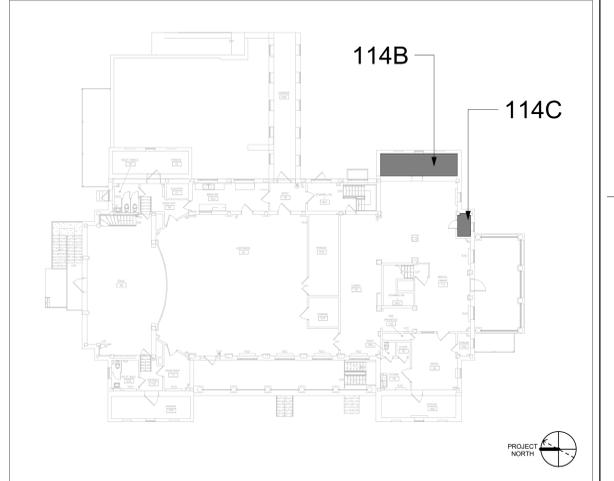
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KEYNOTES #

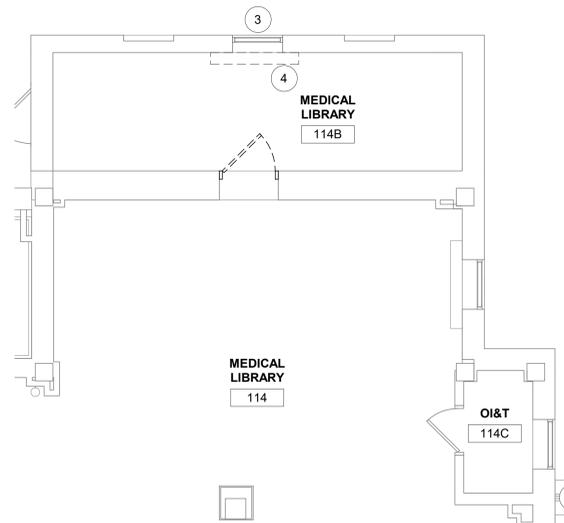
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9. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.

KEY PLAN



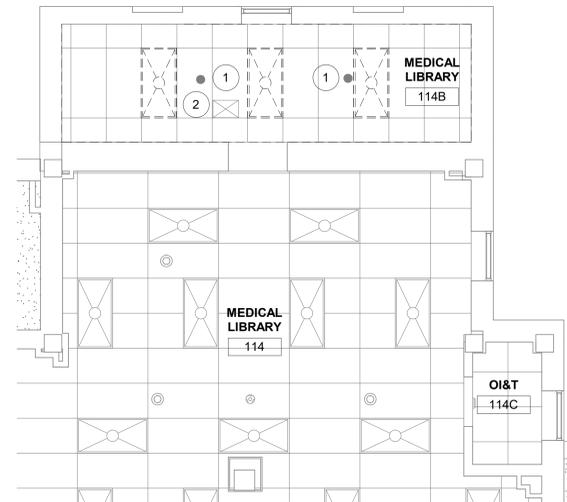
1 RM 114B & 114C - DEMO FLOOR PLAN

1/4" = 1'-0" PROJECT NORTH



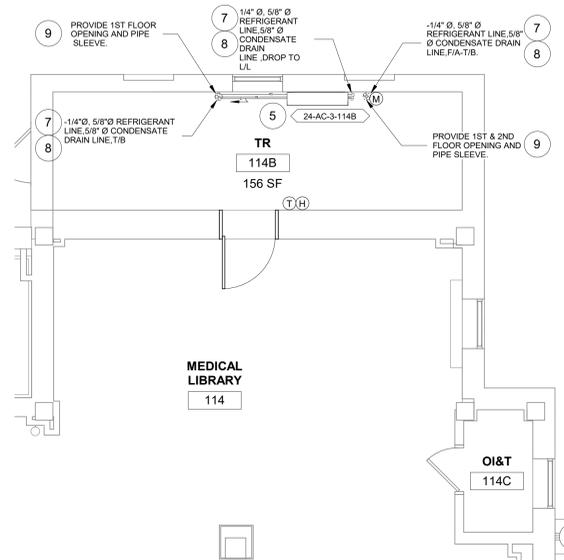
2 RM 114B & 114C - DEMO RCP

1/4" = 1'-0" PROJECT NORTH



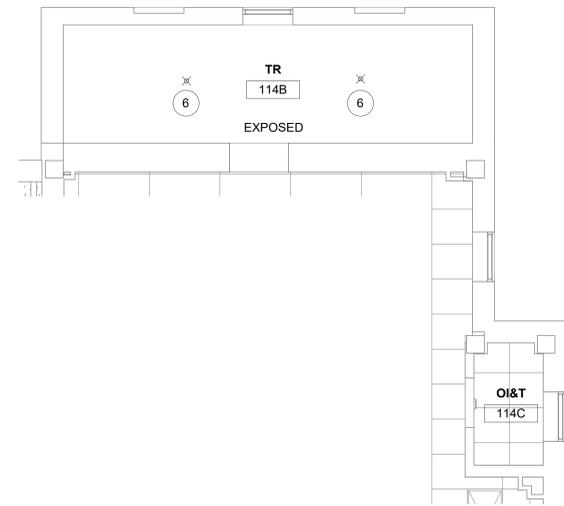
3 RM 114B & 114C - FLOOR PLAN

1/4" = 1'-0" PROJECT NORTH



4 RM 114B & 114C -RCP

1/4" = 1'-0" PROJECT NORTH



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

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BLDG. 24 - FLOOR 1 - DEMO, FLOOR PLANS & RCP
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Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
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657-21-701JB
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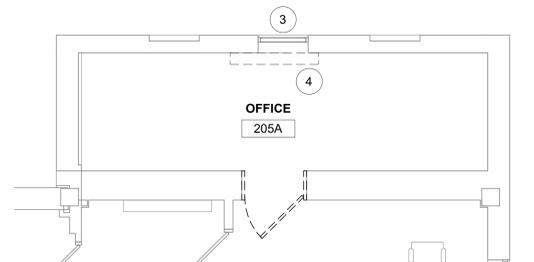
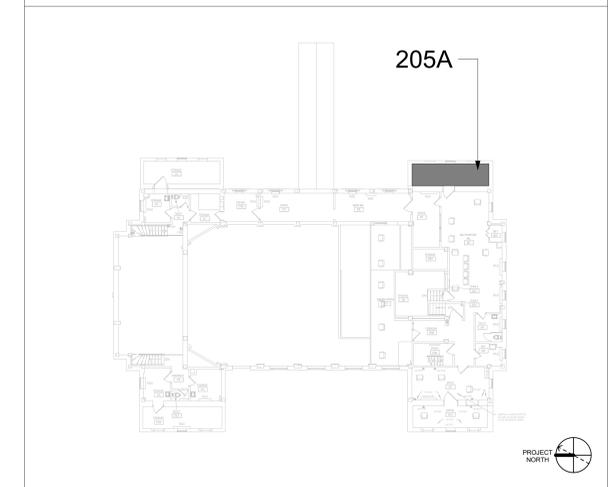
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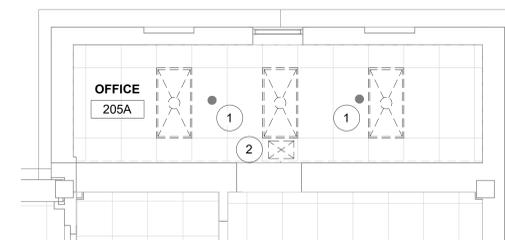
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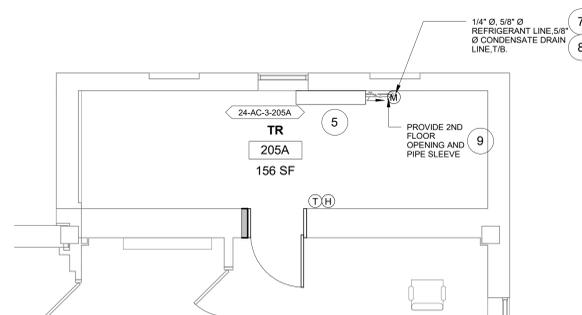
KEY PLAN



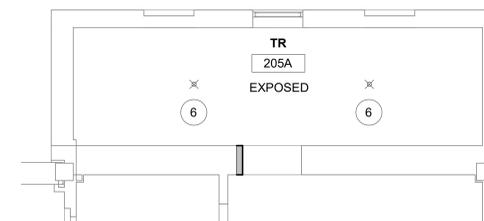
1 RM 205A - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 205A - DEMO RCP
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3 RM 205A - FLOOR PLAN
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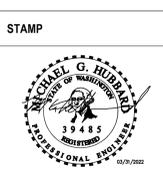


4 RM 205A - RCP
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Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES



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

Drawing Title
BLDG. 24 - FLOOR 2 - DEMO, FLOOR PLANS & RCP
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
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657-21-701JB
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95 OF 435

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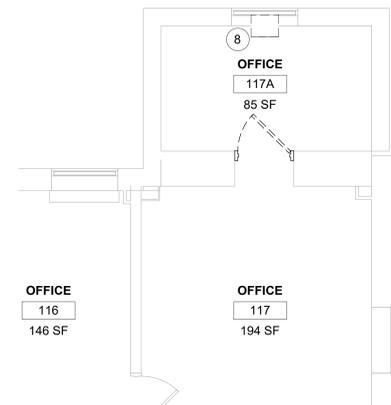
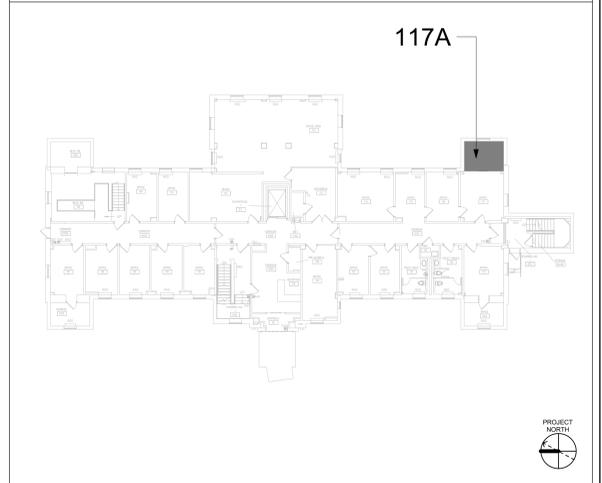
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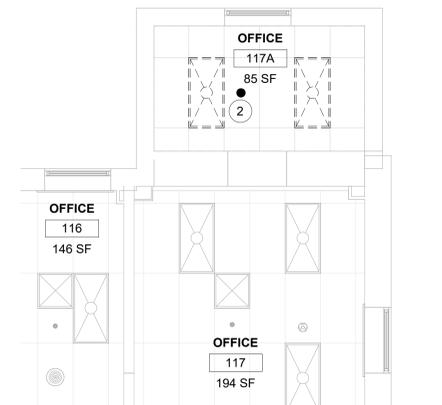
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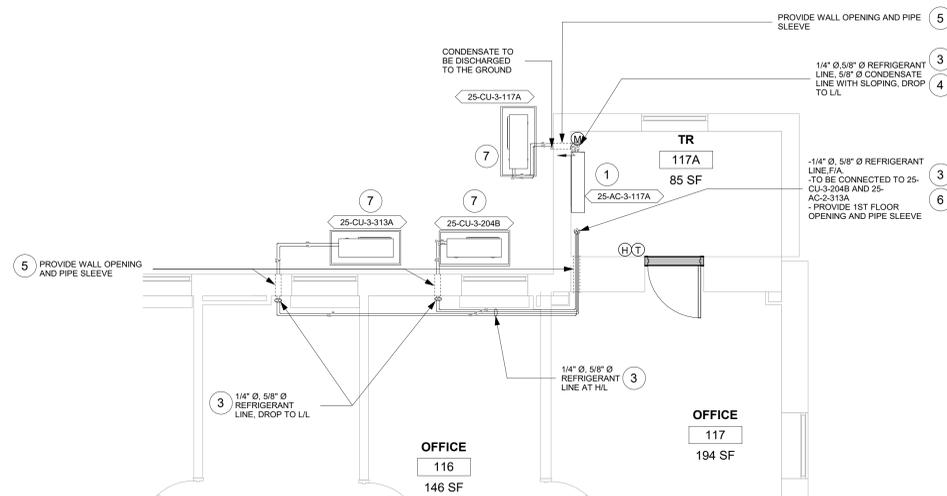
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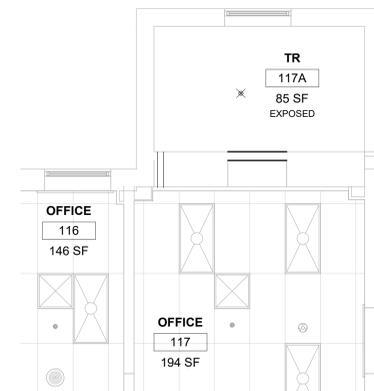
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U.S. Department of Veterans Affairs

Drawing Title
BLDG 25 - FLOOR 1 - DEMO, FLOOR PLANS & RCPS
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

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EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
25
Drawing Number
25M-101
96 OF 435

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, VA STANDARDS AND SPECIFICATIONS.
3. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
4. COORDINATE INSTALLATION OF EQUIPMENT AND MATERIALS WITH OTHER TRADES. DO NOT ROUTE CONDENSATE PIPING OVER ELECTRICAL PANELS OR ELECTRONIC EQUIPMENT.
5. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND OWNER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
6. IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRE STOPPED AT THE END OF THE WORK SHIFT, TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SHALL BE INSTALLED IN THE PENETRATION TO PROVIDE PROTECTION AGAINST FIRE/SMOKE SPREAD THROUGH THE UNSEALED PENETRATION.

DEMOLITION GENERAL NOTES

1. REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
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3. PROTECTION: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST AND DEBRIS. ENSURE THE SAFE PASSAGE OF PERSONS IN AND AROUND BUILDING DURING DEMOLITION. PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY. PROVIDE ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE. IMMEDIATELY REPAIR DAMAGED PROPERTY TO THE CONDITION BEFORE BEING DAMAGED. TAKE EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
5. REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

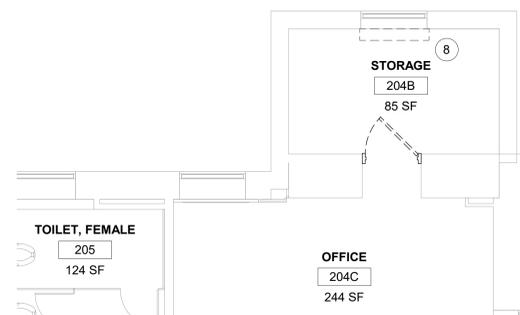
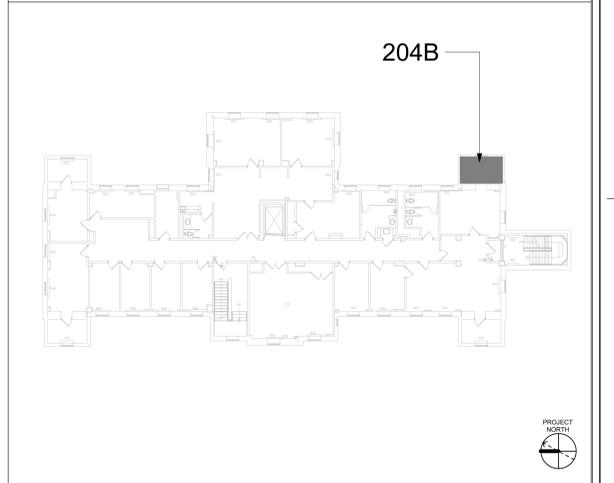
FIRE PROTECTION NOTES

1. ALL TELECOM ROOMS TO HAVE EXISTING QUICK RESPONSE SPRINKLERS REPLACED WITH STANDARD RESPONSE SPRINKLERS.
2. ROOMS THAT DON'T HAVE CEILING (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE.
3. ROOMS WITH FINISHED CEILING SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
4. TELECOM ROOMS CONSIDERED LIGHT HAZARD FOR SPRINKLER HEAD DENSITY. SPRINKLER HEADS MUST BE REPLACED AT THE SAME TIME AS THE CEILING IS DEMOLISHED.

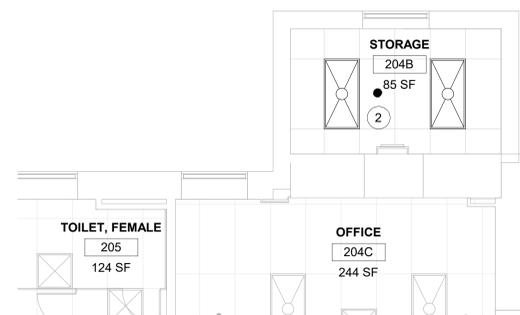
KEYNOTES #

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5. REFER TO M-502 FOR PIPE THRU WALL DETAIL.
6. REFER TO M-501 FOR INDIRECT DRAIN FOR SINK DETAIL.
7. DEMO FLOOR MOUNTED AC. DEMO REFRIGERANT COPPER PIPE BACK TO MAIN. DEMO CONDENSATE PIPE.

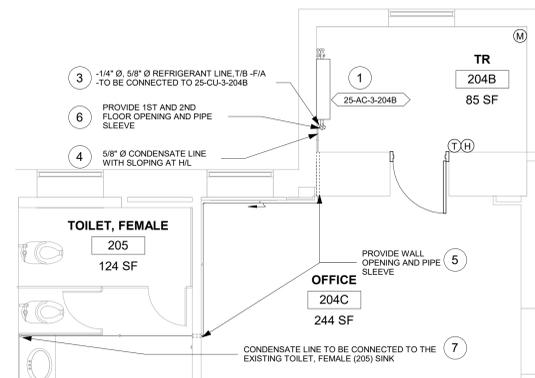
KEY PLAN



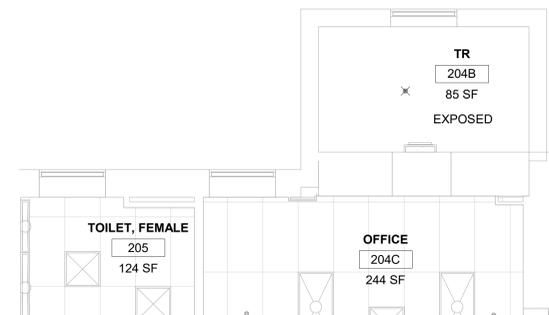
1 RM 204B - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 204B - DEMO RCP
1/4" = 1'-0"



3 RM 204B - FLOOR PLAN
1/4" = 1'-0"



4 RM 204B - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
BLDG 25 - FLOOR 2 - DEMO, FLOOR PLANS & RCPS

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

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ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO

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Project Number
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Building Number
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Drawing Number
25M-102

97 OF 435

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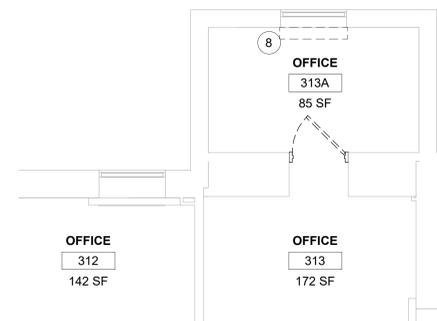
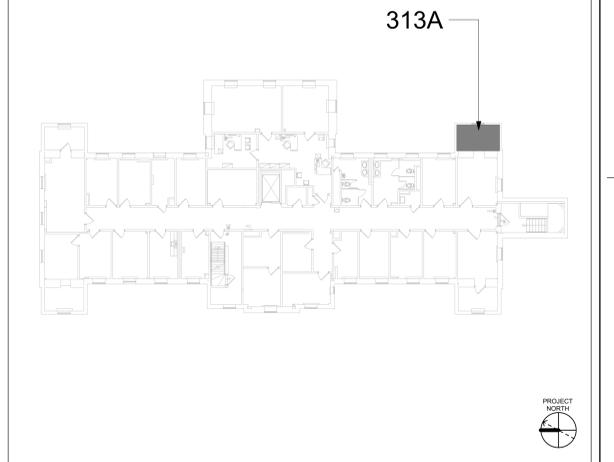
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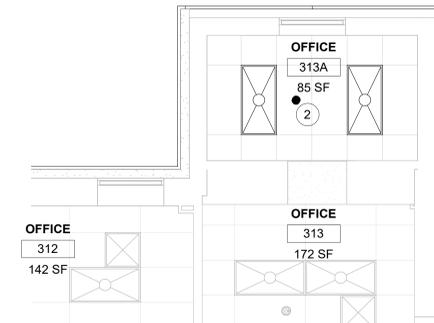
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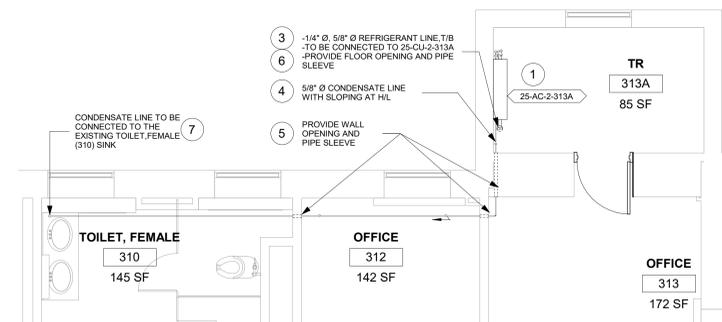
KEY PLAN



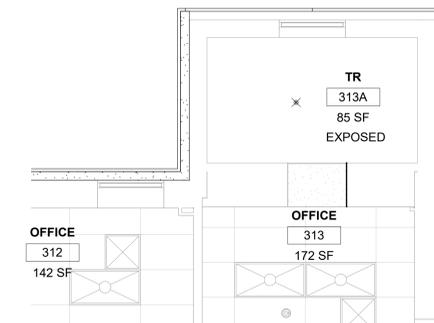
1 RM 313A - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 313A - DEMO RCP
1/4" = 1'-0"



3 RM 313A - FLOOR PLAN
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4 RM 313A - RCP
1/4" = 1'-0"

Revisions: Date:	CONSULTANT ENGINEERING DISCIPLINE:	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	STAMP 	Office of Construction and Facilities Management 	Drawing Title BLDG 25 - FLOOR 3 - DEMO, FLOOR PLANS & RCPS Approved:	Phase CONSTRUCTION DOCUMENTS FULLY SPRINKLERED	Project Title EHRM INFRASTRUCTURE UPGRADES Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO Issue Date 03/31/2022 Checked MGH Drawn MM/OBJ/JCY	Project Number 657-21-701JB Building Number 25 Drawing Number 25M-103 98 OF 435
	VA FORM 08 - 6231							

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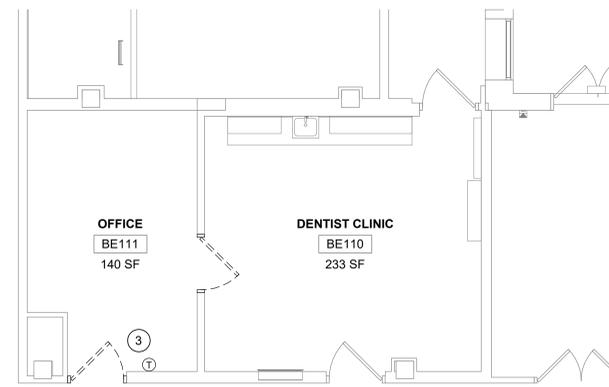
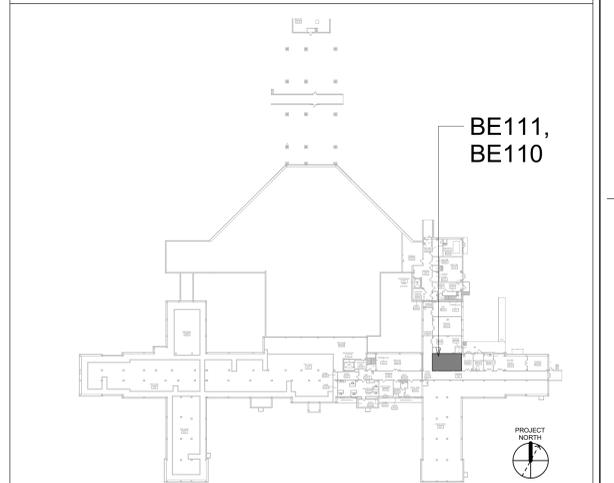
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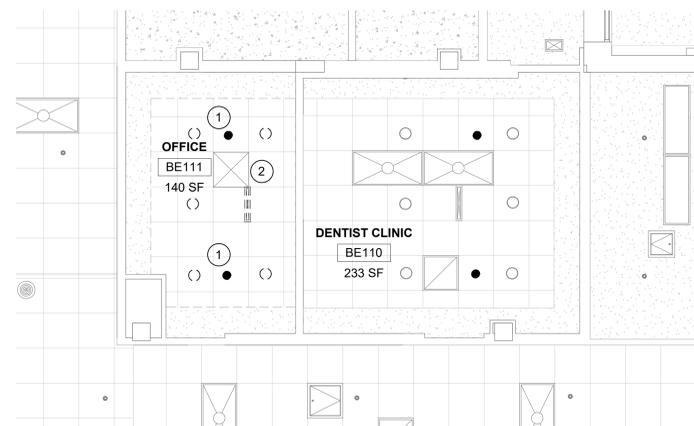
KEYNOTES #

1. DEMO SPRINKLER.
2. RELOCATE EXISTING CEILING SUPPLY GRILLE. EXTEND SUPPLY DUCT TO NEW LOCATION.
3. REMOVE WALL THERMOSTAT/SENSOR. SAVE FOR RELOCATION.
4. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
5. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
6. RELOCATE EXISTING THERMOSTAT/SENSOR. EXTEND WIRING/TUBING TO NEW LOCATION.
7. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT), PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
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11. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.

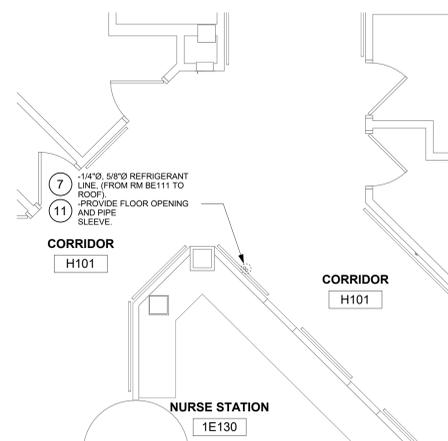
KEY PLAN



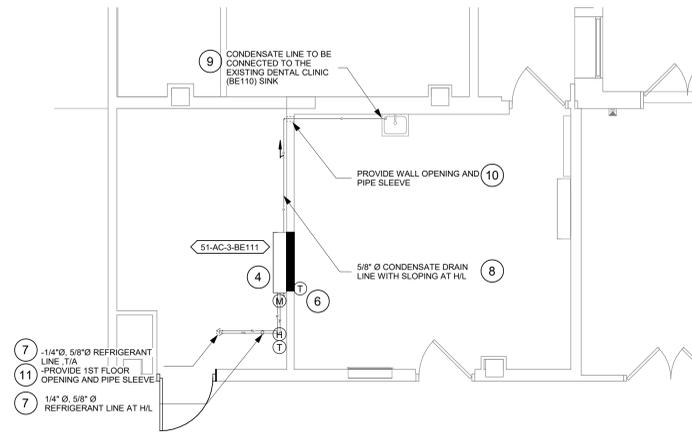
1 RM BE111 & BE110 - DEMO FLOOR PLAN
1/4" = 1'-0"



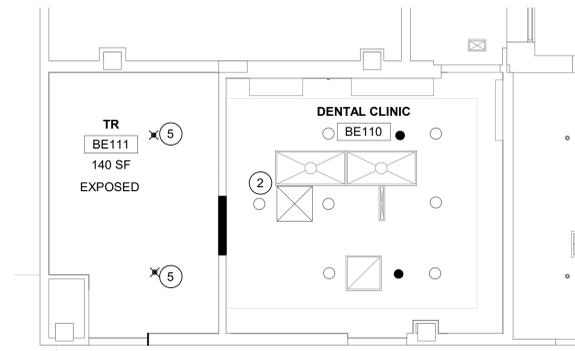
2 RM BE110 & BE111 - DEMO RCP
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3B FLOOR 01 CORRIDOR - FLOOR PLAN
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3A RM BE111 & BE110 - FLOOR PLAN
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4 RM BE110 & BE111 - RCP
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Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES



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

Drawing Title	BLDG. 51 - FLOOR 00 - DEMO, FLOOR PLANS & RCPS
Approved:	

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title	EHRM INFRASTRUCTURE UPGRADES
Location	ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date	03/31/2022
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Project Number	657-21-701JB
Building Number	51
Drawing Number	51M-100
	99 OF 435

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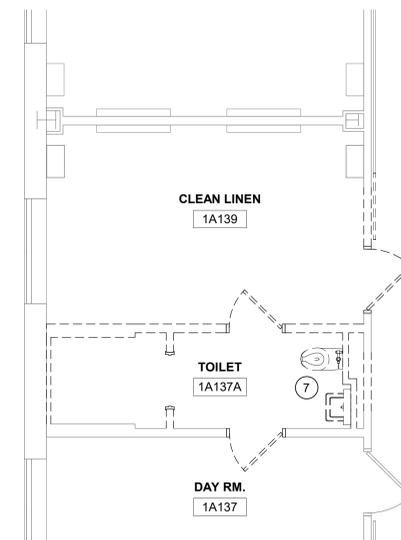
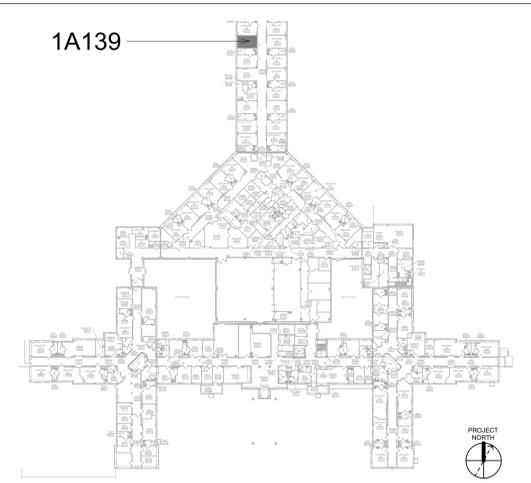
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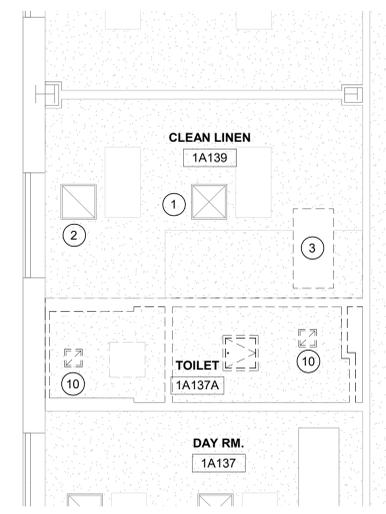
KEYNOTES #

1. CEILING SUPPLY GRILLE TO REMAIN AND DUCTWORK TO ADJUST TO FAN COIL UNIT NEW LOCATION.
2. CEILING EXHAUST/RETURN GRILLE TO REMAIN AND DUCTWORK TO ADJUST TO FAN COIL UNIT NEW LOCATION.
3. RELOCATE FAN COIL UNIT & THERMOSTAT FROM WALL. EXTEND & INSULATE HYDRONIC HEATING, CHILLED WATER & CONDENSATE PIPING TO THE NEW FAN COIL LOCATION.
4. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
5. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
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7. DEMO SINK AND WATER CLOSET, INCLUDING WATER SUPPLIES OF BOTH AND SANITARY OF WATER CLOSET, CAP WATER CLOSET'S SANITARY AND VENT PIPING IN CONCEALED SPACE. DEMO HOT AND COLD WATER SUPPLIES BACK TO MAIN, CAP WITHIN TWO PIPE DIAMETERS. REUSE SINK SANITARY AND VENT FOR CONDENSATE DRAIN.
8. REFER TO M-501 FOR INDIRECT DRAIN FOR SINK DETAIL.
9. REFER TO M-501 FOR LINESET FLASHING DETAIL.
10. DEMO CEILING EXHAUST GRILLE. DEMO DUCT BACK TO MAIN, CAP AND SEAL DUCT.

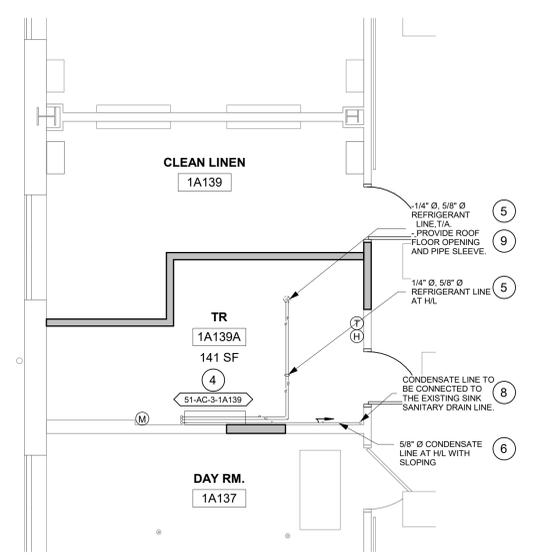
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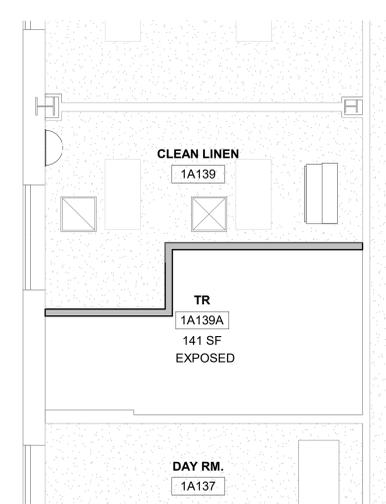
1 RM 1A139- DEMO FLOOR PLAN
1/4" = 1'-0" PROJECT NORTH



2 RM1A139 - DEMO RCP
1/4" = 1'-0" PROJECT NORTH



3 RM 1A139- FLOOR PLAN
1/4" = 1'-0" PROJECT NORTH



4 RM1A139 - RCP
1/4" = 1'-0" PROJECT NORTH

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES



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

Drawing Title
BLDG. 51- FLOOR 01 - DEMO, FLOOR PLANS & RCPS
Approved:

Phase
CONSTRUCTION DOCUMENTS
NON SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
51
Drawing Number
51M-101a
100 OF 435

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, VA STANDARDS AND SPECIFICATIONS.
3. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
4. COORDINATE INSTALLATION OF EQUIPMENT AND MATERIALS WITH OTHER TRADES. DO NOT ROUTE CONDENSATE PIPING OVER ELECTRICAL PANELS OR ELECTRONIC EQUIPMENT.
5. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND OWNER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
6. IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRE STOPPED AT THE END OF THE WORK SHIFT, TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SHALL BE INSTALLED IN THE PENETRATION TO PROVIDE PROTECTION AGAINST FIRE/SMOKE SPREAD THROUGH THE UNSEALED PENETRATION.

DEMOLITION GENERAL NOTES

1. REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED.
3. PROTECTION: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST AND DEBRIS. ENSURE THE SAFE PASSAGE OF PERSONS IN AND AROUND BUILDING DURING DEMOLITION. PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY. PROVIDE ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE. IMMEDIATELY REPAIR DAMAGED PROPERTY TO THE CONDITION BEFORE BEING DAMAGED. TAKE EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
5. REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

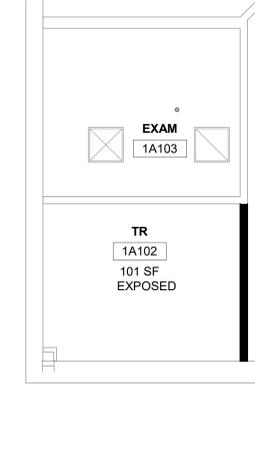
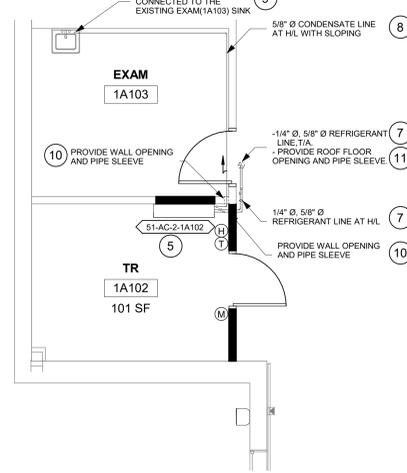
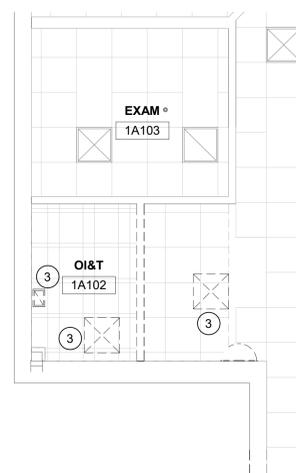
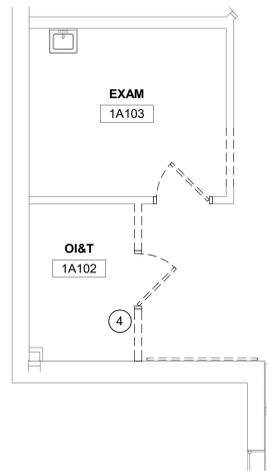
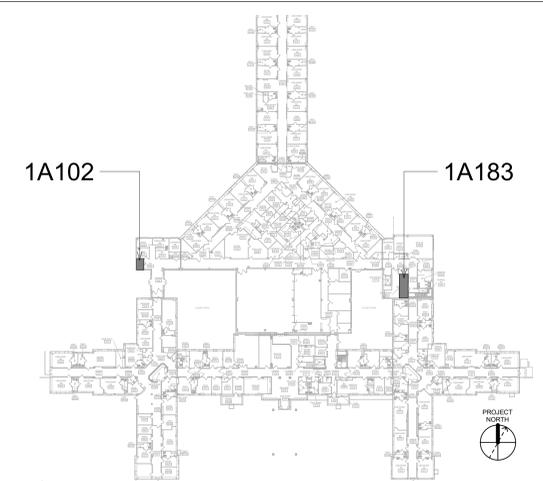
FIRE PROTECTION NOTES

1. ALL TELECOM ROOMS TO HAVE EXISTING QUICK RESPONSE SPRINKLERS REPLACED WITH STANDARD RESPONSE SPRINKLERS.
2. ROOMS THAT DON'T HAVE CEILINGS (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE.
3. ROOMS WITH FINISHED CEILINGS SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
4. TELECOM ROOMS CONSIDERED LIGHT HAZARD FOR SPRINKLER HEAD DENSITY.
5. SPRINKLER HEADS MUST BE REPLACED AT THE SAME TIME AS THE CEILING IS DEMOLISHED.

KEYNOTES #

1. DEMO SPRINKLER.
2. DEMO SPRINKLER AND BRANCH LINE. CAP AT MAIN.
3. DEMO CEILING SUPPLY AND RETURN GRILLE. DEMO DUCT TO MAIN. CAP/SEAL MAIN DUCT.
4. RELOCATE TEMPTRAK SENSOR.
5. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
6. EXTEND SPRINKLER LINE TO NEW LOCATION. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
7. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
8. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PITCH THE CONDENSATE DRAIN LINE IN THE DIRECTION OF FLOW. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
9. REFER TO M-501 FOR INDIRECT DRAIN FOR SINK DETAIL.
10. REFER TO M-502 FOR PIPE THRU WALL DETAIL.
11. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.

KEY PLAN

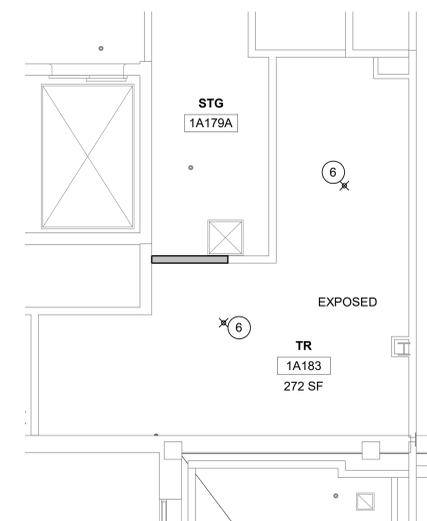
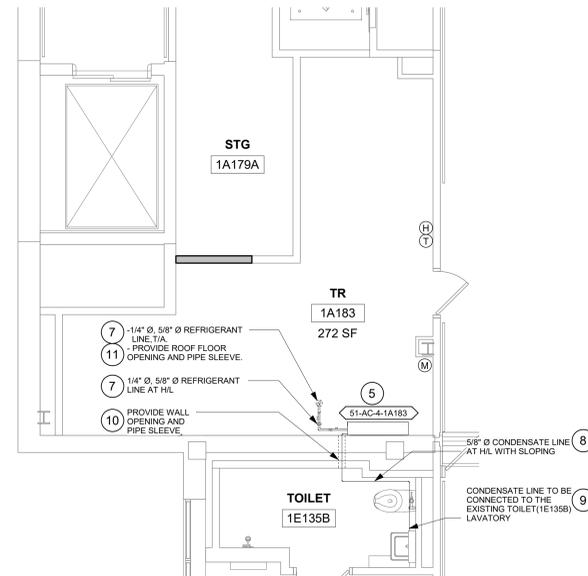
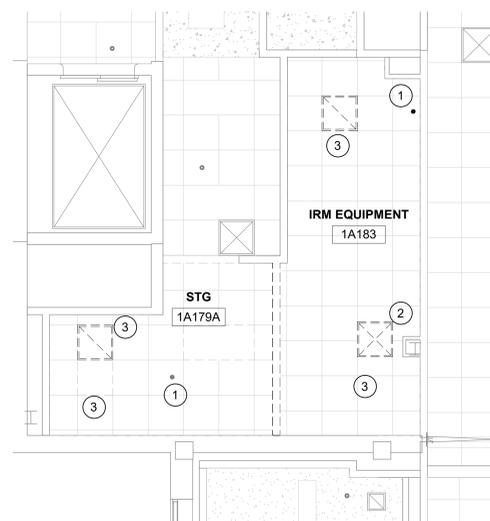
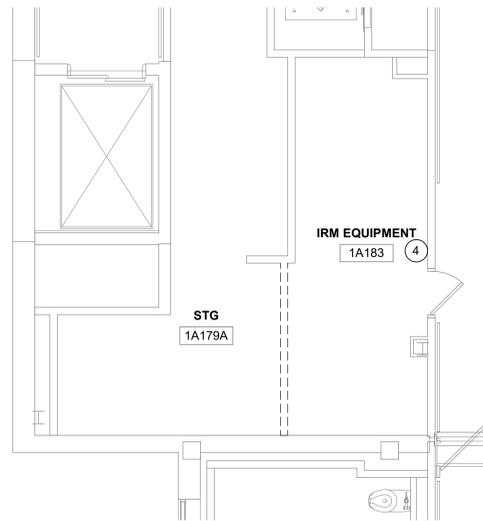


1 RM 1A102 - DEMO FLOOR PLAN
1/4" = 1'-0"

2 RM 1A102 - DEMO RCP
1/4" = 1'-0"

3 RM 1A102 - FLOOR PLAN
1/4" = 1'-0"

4 RM 1A102 - RCP
1/4" = 1'-0"



5 RM 1A183 - DEMO FLOOR PLAN
1/4" = 1'-0"

6 RM 1A183 - DEMO RCP
1/4" = 1'-0"

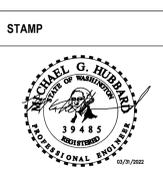
7 RM 1A183 - FLOOR PLAN
1/4" = 1'-0"

8 RM 1A183 - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES



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

Drawing Title
BLDG 51 - FLOOR 01 - DEMO, FLOOR PLANS & RCPS
Approved:

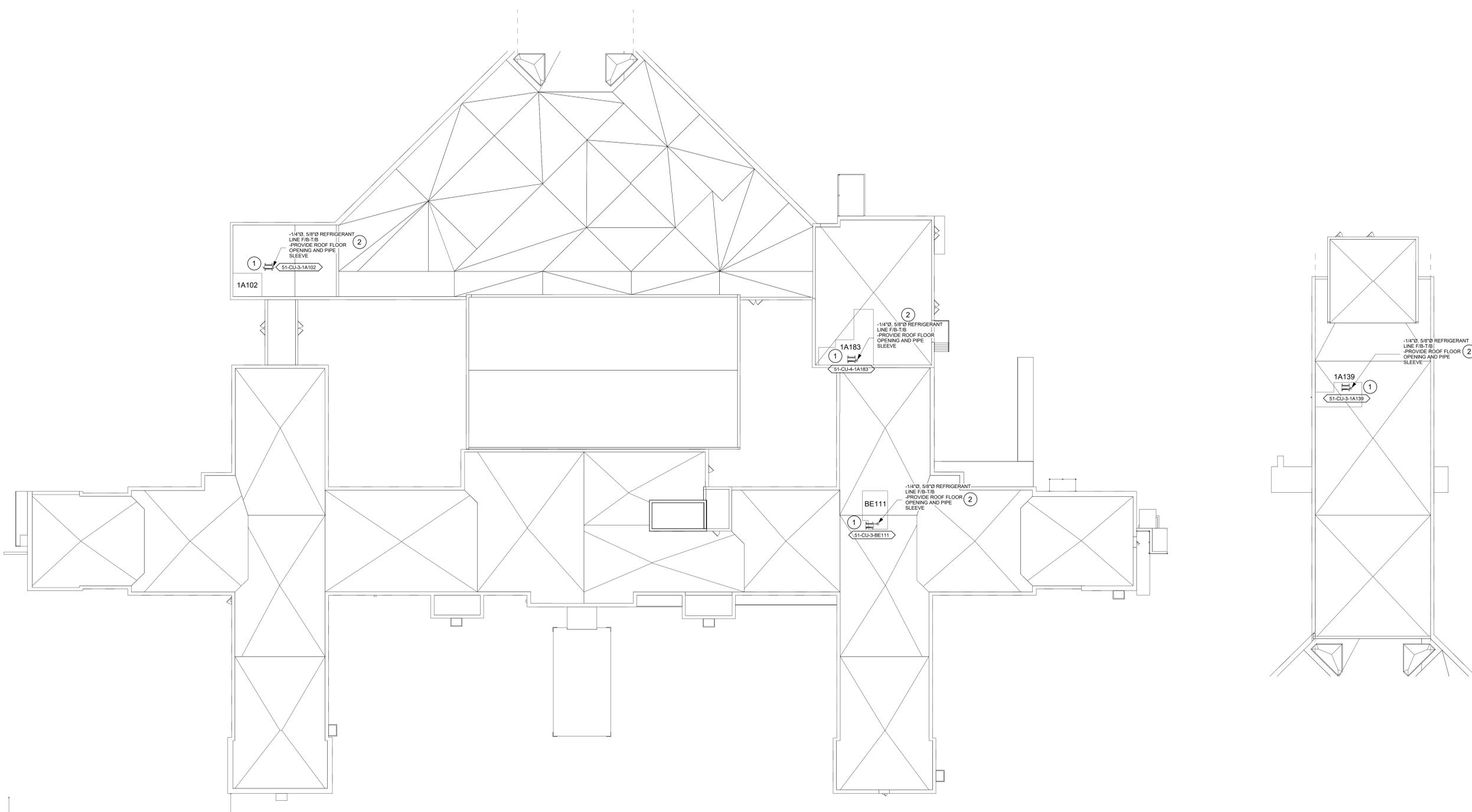
Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
51
Drawing Number
51M-101b
101 OF 435

KEYNOTES #

1. REFER TO M-501 FOR CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL.
2. REFER TO M-501 FOR LINESET FLASHING DETAIL.



1 BLDG. 51 - ROOF PLAN - SOUTH
1/16" = 1'-0"



		CONSULTANT ENGINEERING DISCIPLINE:	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES 	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title BLDG. 51 - ROOF PLAN Approved:	Phase CONSTRUCTION DOCUMENTS	Project Title EHRM INFRASTRUCTURE UPGRADES Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO Issue Date 03/31/2022	Project Number 657-21-701JB Building Number 51 Drawing Number 51M-110 102 OF 435	
Revisions: _____ _____ _____ _____ _____	Date:									

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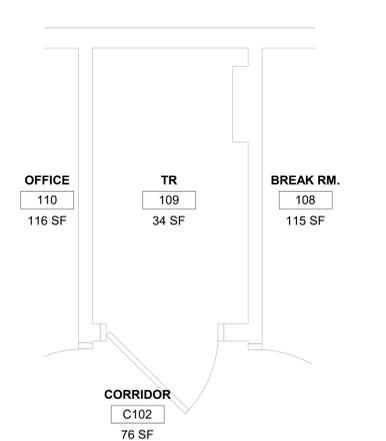
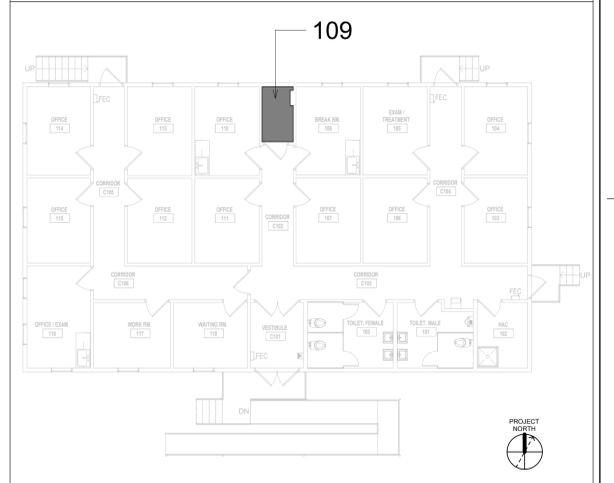
FIRE PROTECTION NOTES

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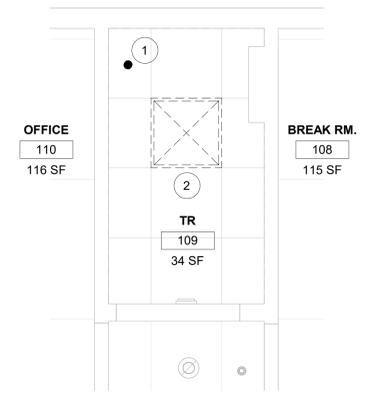
KEYNOTES #

1. DEMO SPRINKLER.
2. DEMO CEILING SUPPLY GRILLE. DEMO DUCT TO MAIN. CAP/SEAL MAIN DUCT.
3. INSTALL NEW STANDARD RESPONSE SPRINKLER.
4. INSTALL NEW IN-LINE TRANSFER FAN. PROVIDE TEMPERATURE AND HUMIDITY SENSOR BY CONTROLS CONTRACTOR. REFER TO M-501 FOR IN-LINE CEILING TRANSFER FAN DETAIL.
5. PROVIDE CEILING GRILLES. REFER TO M-502 FOR SUPPLY GRILLE AND INTAKE GRILLE SIZE.
6. REFER TO M-501 FOR FLEXIBLE DUCT CONNECTIONS DETAIL.
7. REFER TO M-501 FOR DIFFUSER BOX DETAIL.
8. REFER TO M-501 FOR ROUND DUCT THRU WALL DETAIL.

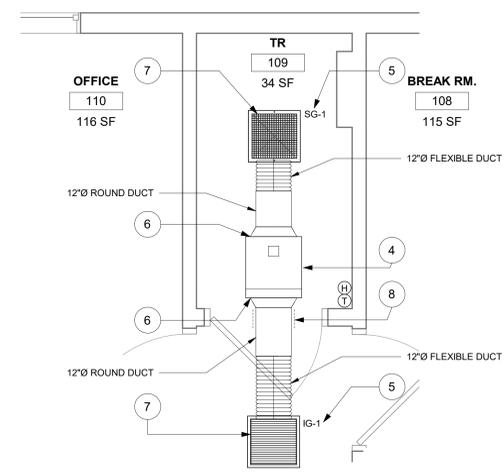
KEY PLAN



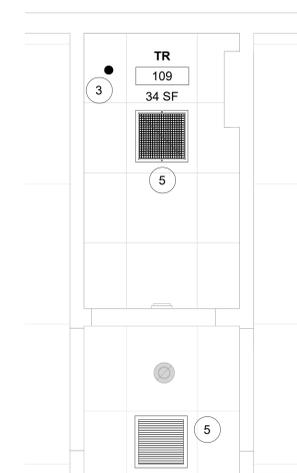
1 RM 109 - DEMO FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



2 FLOOR 01 - RM 109 - DEMO RCP
1/2" = 1'-0" PROJECT NORTH



3 RM 109 - FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



4 RM 109 - RCP
1/2" = 1'-0" PROJECT NORTH

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
**BLDG. 51T - FLOOR 1 - DEMO,
FLOOR PLANS & RCPS**

Approved:

Phase
**CONSTRUCTION
DOCUMENTS**

FULLY SPRINKLERED

Project Title
**EHRM INFRASTRUCTURE
UPGRADES**

Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO

Issue Date
03/31/2022

Checked
MGH

Drawn
MM/OBJ/JCY

Project Number
657-21-701JB

Building Number
51T

Drawing Number
51TM-101

103 OF 435

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
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DEMOLITION GENERAL NOTES

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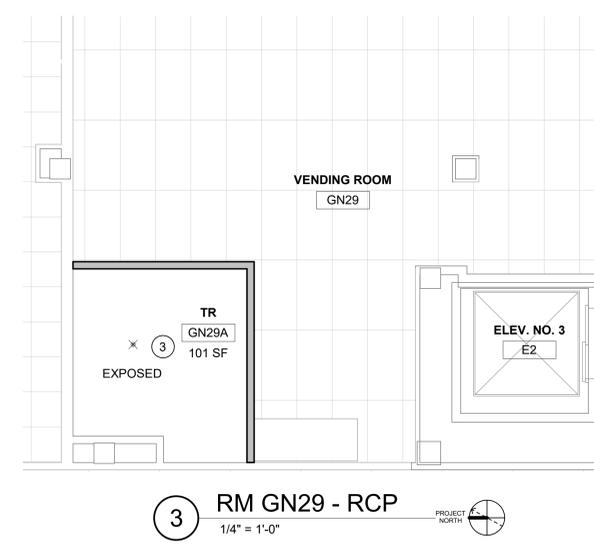
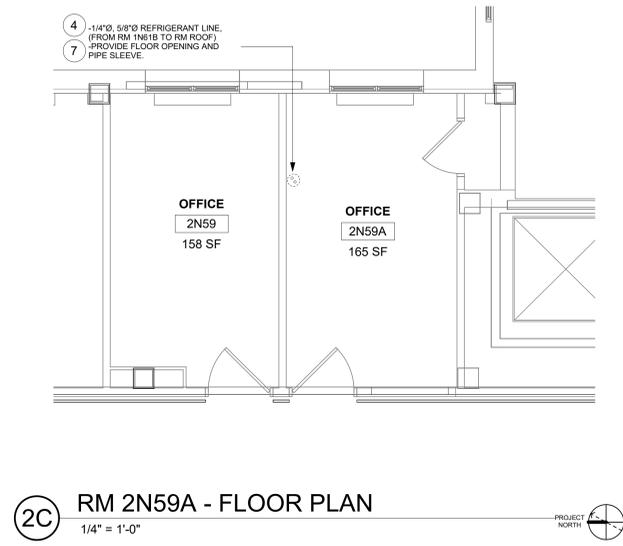
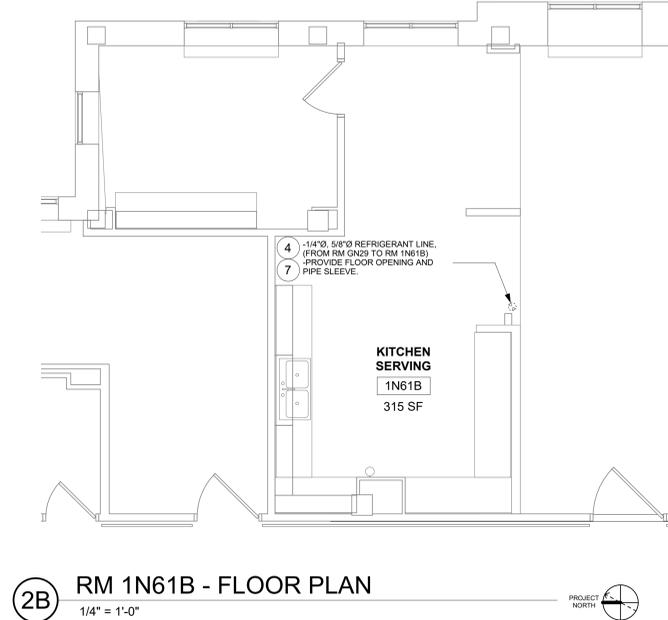
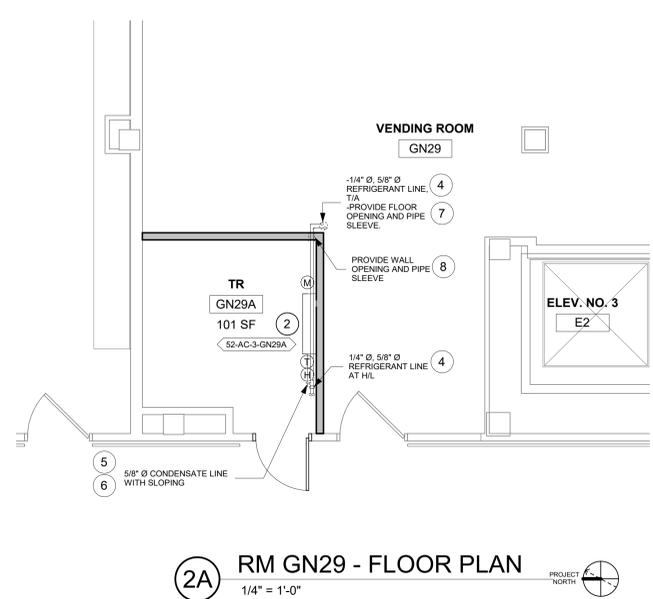
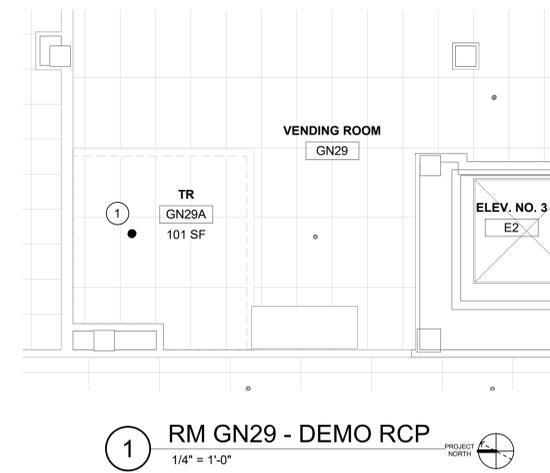
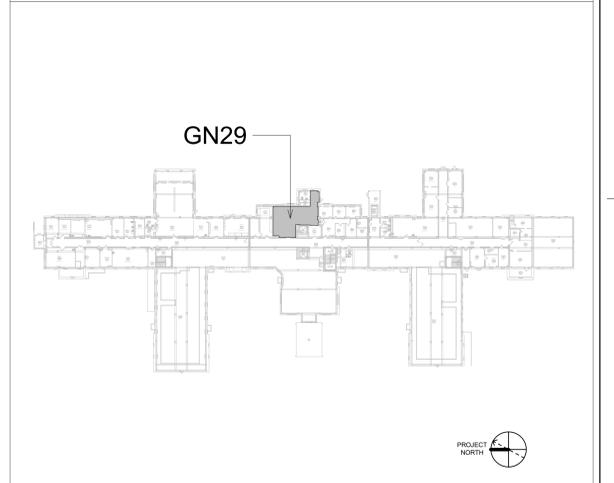
FIRE PROTECTION NOTES

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KEYNOTES #

1. DEMO SPRINKLER.
2. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
3. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
4. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT), PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
5. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PITCH THE CONDENSATE DRAIN LINE IN THE DIRECTION OF FLOW. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
6. CONTRACTOR TO ROUTE CONDENSATE PIPING TO THE NEAREST EXTERIOR WALL, PENETRATING THE EXTERIOR WALL AND ROUTING TO TERMINATED AT GRADE. SECURE PIPE TO EXTERIOR WALL. PAINT CONDENSATE PIPE TO MATCH THE COLOR OF THE EXTERIOR WALL. COORDINATE ROUTING AND DISCHARGE LOCATION WITH COR.
7. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.
8. REFER TO M-502 FOR PIPE THRU WALL DETAIL.

KEY PLAN



Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
BLDG 52 - FLOOR 0 - DEMO, FLOOR PLANS & RCPs
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
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MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
52
Drawing Number
52M-100
104 OF 435

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4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
5. REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

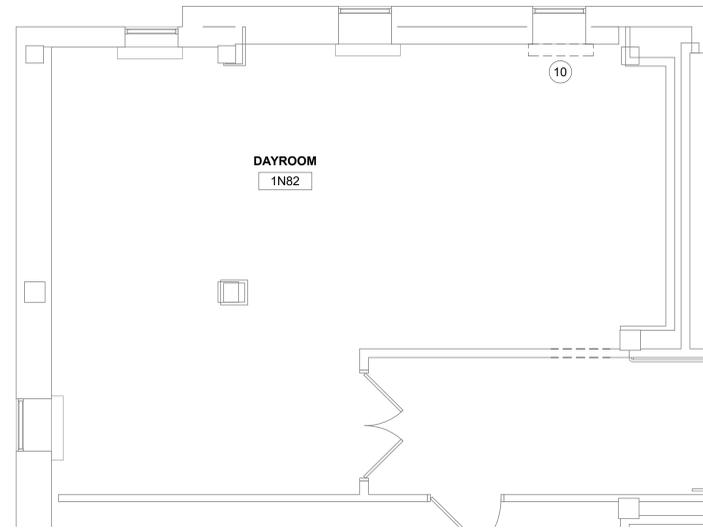
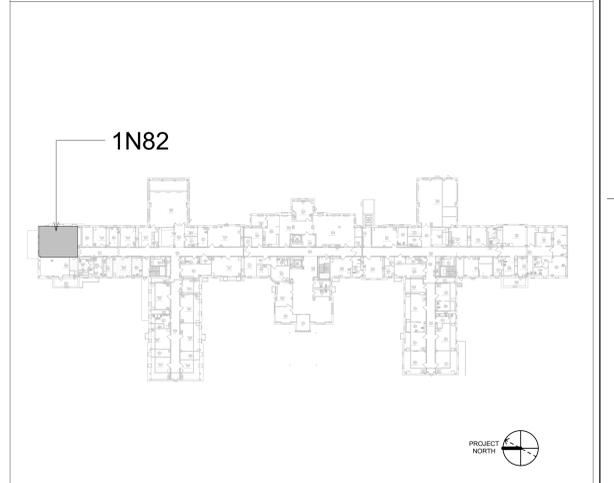
FIRE PROTECTION NOTES

1. ALL TELECOM ROOMS TO HAVE EXISTING QUICK RESPONSE SPRINKLERS REPLACED WITH STANDARD RESPONSE SPRINKLERS.
2. ROOMS THAT DON'T HAVE CEILINGS (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE.
3. ROOMS WITH FINISHED CEILINGS SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
4. TELECOM ROOMS CONSIDERED LIGHT HAZARD FOR SPRINKLER HEAD DENSITY.
5. SPRINKLER HEADS MUST BE REPLACED AT THE SAME TIME AS THE CEILING IS DEMOLISHED.

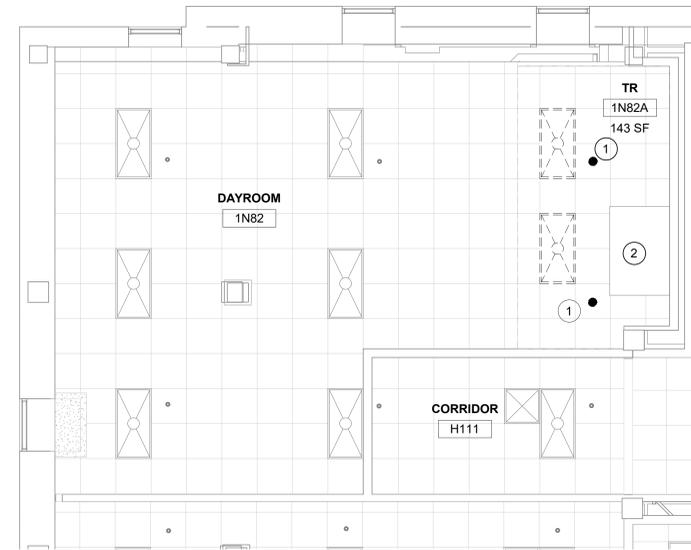
KEYNOTES #

1. DEMO SPRINKLER.
2. RELOCATE FAN COIL UNIT & THERMOSTAT FROM WALL. EXTEND & INSULATE HYDRONIC HEATING, CHILLED WATER & CONDENSATE PIPING TO THE NEW FAN COIL LOCATION.
3. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
4. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
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7. REFER TO M-501 FOR INDIRECT DRAIN FOR SINK DETAIL.
8. REFER TO M-502 FOR PIPE THRU WALL DETAIL.
9. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.
10. DEMO WALL SURFACE MOUNTED RADIATOR.

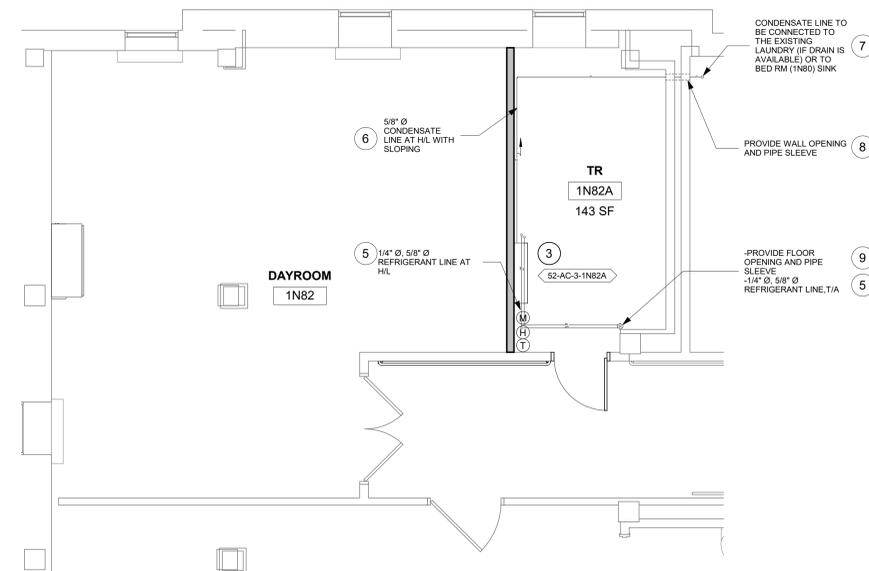
KEY PLAN



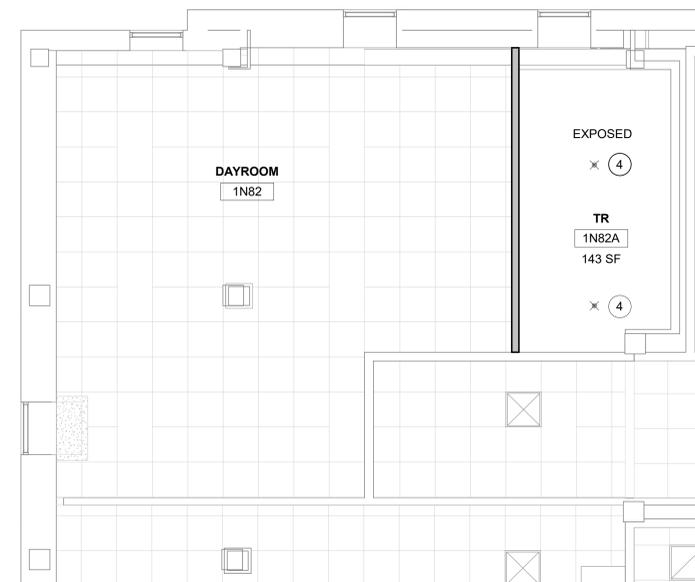
1 RM 1N82 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 1N82 - DEMO RCP
1/4" = 1'-0"



3 RM 1N82A - FLOOR PLAN
1/4" = 1'-0"



4 RM 1N82A - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES



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

Drawing Title	BLDG 52 - FLOOR 1 - DEMO, FLOOR PLANS & RCPS
Approved:	

Phase	CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED

Project Title	EHRM INFRASTRUCTURE UPGRADES
Location	ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date	03/31/2022
Checked	MGH
Drawn	MM/OBJ/JCY

Project Number	657-21-701JB
Building Number	52
Drawing Number	52M-101a
	105 OF 435

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
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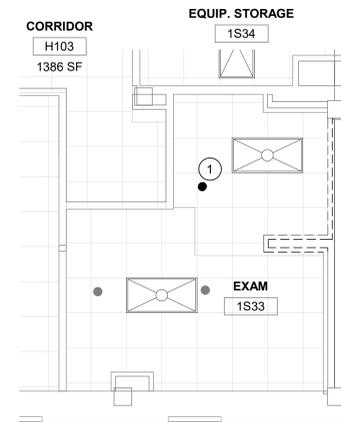
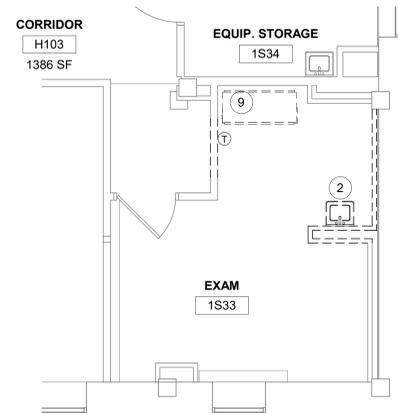
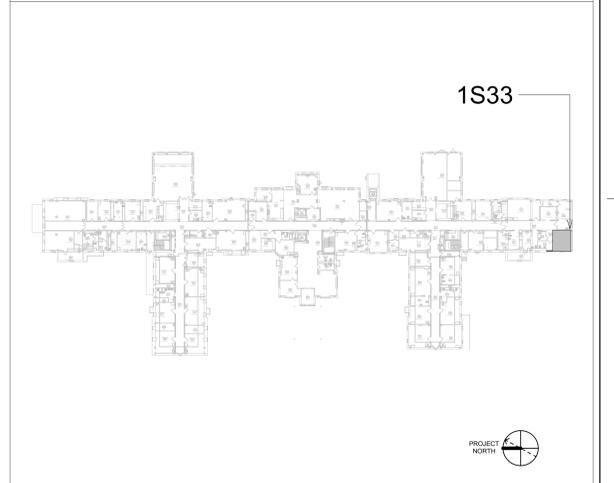
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4. TELECOM ROOMS CONSIDERED LIGHT HAZARD FOR SPRINKLER HEAD DENSITY.
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KEYNOTES #

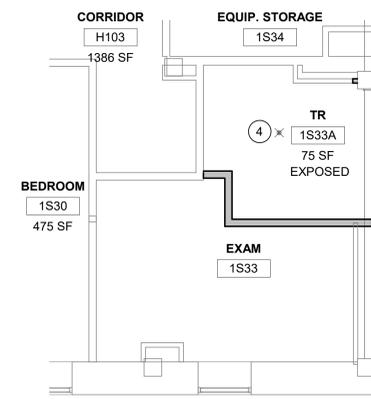
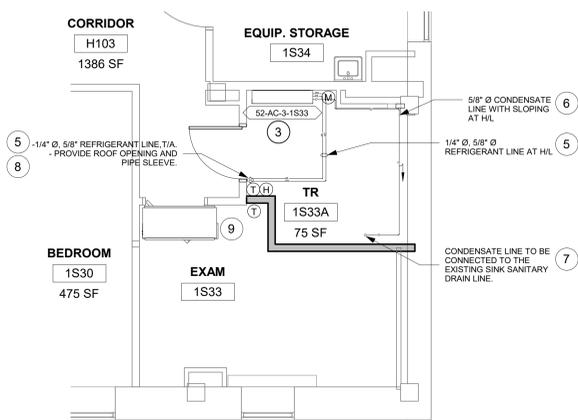
1. DEMO SPRINKLER.
2. DEMO SINK, INCLUDING WATER SUPPLIES, DEMO HOT AND COLD WATER SUPPLIES BACK TO MAIN, CAP WITHIN TWO PIPE DIAMETERS. USE SINK SANITARY AND VENT FOR CONDENSATE DRAIN.
3. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
4. EXTEND NEW SPRINKLER LINE OFF EXISTING BRANCH LINE. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
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8. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.
9. RELOCATE FAN COIL UNIT & THERMOSTAT FROM WALL. EXTEND & INSULATE HYDRONIC HEATING, CHILLED WATER & CONDENSATE PIPING TO THE NEW FAN COIL LOCATION. PATCH/PAINT TO MATCH ADJACENT SURFACES FOR ALL SURFACES AFFECTED BY RELOCATION OF FAN COIL.

KEY PLAN



1 RM 1S33 - DEMO FLOOR PLAN
1/4" = 1'-0"

2 RM 1S33 - DEMO RCP
1/4" = 1'-0"



3 RM 1S33 - FLOOR PLAN
1/4" = 1'-0"

4 RM 1S33 - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
BLDG 52 - FLOOR 1 - DEMO, FLOOR PLANS & RCPS
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
52
Drawing Number
52M-101b
106 OF 435

GENERAL NOTES

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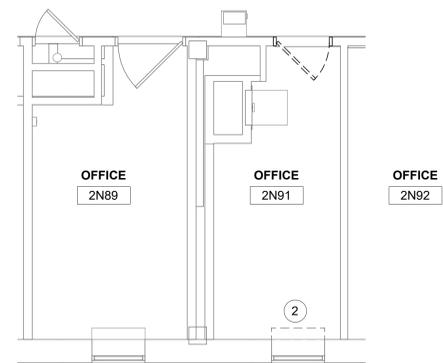
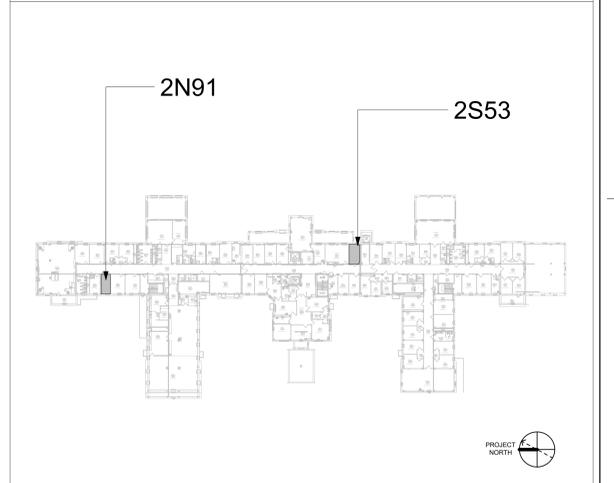
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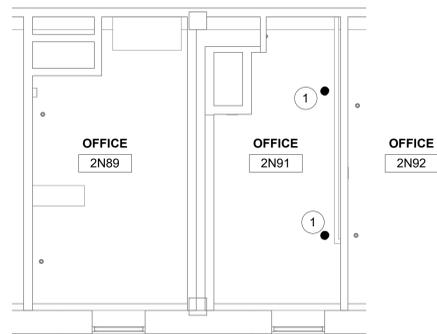
KEYNOTES #

1. REMOVE EXISTING SPRINKLER.
2. DEMO WALL SURFACE MOUNTED RADIATOR.
3. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
4. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
5. REMOVE EXISTING DUCTLESS SPLIT, ASSOCIATED OUTDOOR UNIT AND WALL MOUNTED THERMOSTAT. SALVAGE INDOOR/OUTDOOR UNITS AND THERMOSTAT TO COR. DEMO REFRIGERANT AND CONDENSATE PIPING.
6. EXISTING JOHNSON CONTROLS TEMPERATURE SENSOR TO REMAIN.
7. INSTALL NEW DUCTLESS SPLIT COOLING SYSTEM IN SAME LOCATION AS EXISTING.
8. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT), PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
9. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PITCH THE CONDENSATE DRAIN LINE IN THE DIRECTION OF FLOW. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
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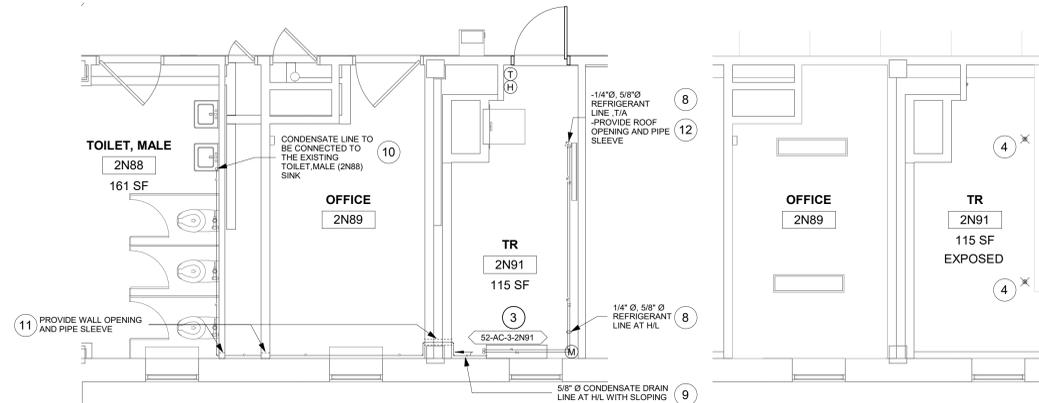
KEY PLAN



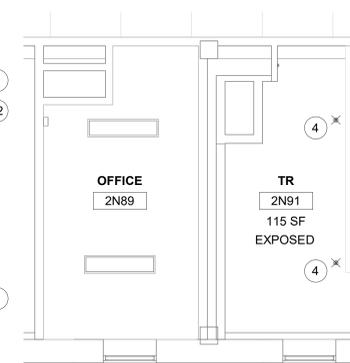
1 RM 2N91 - DEMO FLOOR PLAN
1/4" = 1'-0"



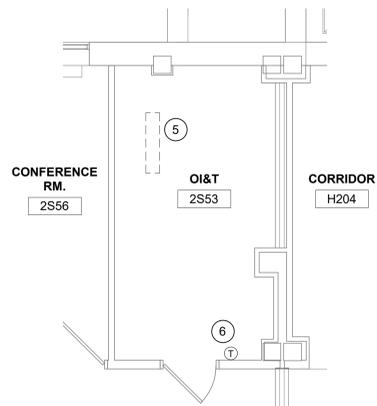
2 RM 2N91 - DEMO RCP
1/4" = 1'-0"



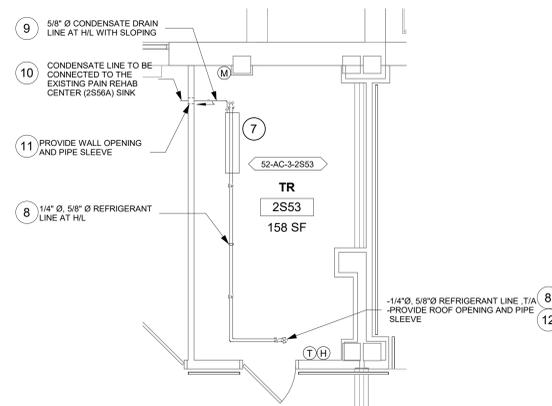
3 RM 2N91 - FLOOR PLAN
1/4" = 1'-0"



4 RM 2N91 - RCP
1/4" = 1'-0"



5 RM 2S53 - DEMO FLOOR PLAN
1/4" = 1'-0"



6 RM 2S53 - FLOOR PLAN
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES

STAMP

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

Drawing Title
BLDG 52 - FLOOR 2 - DEMO, FLOOR PLANS & RCPS
Approved:

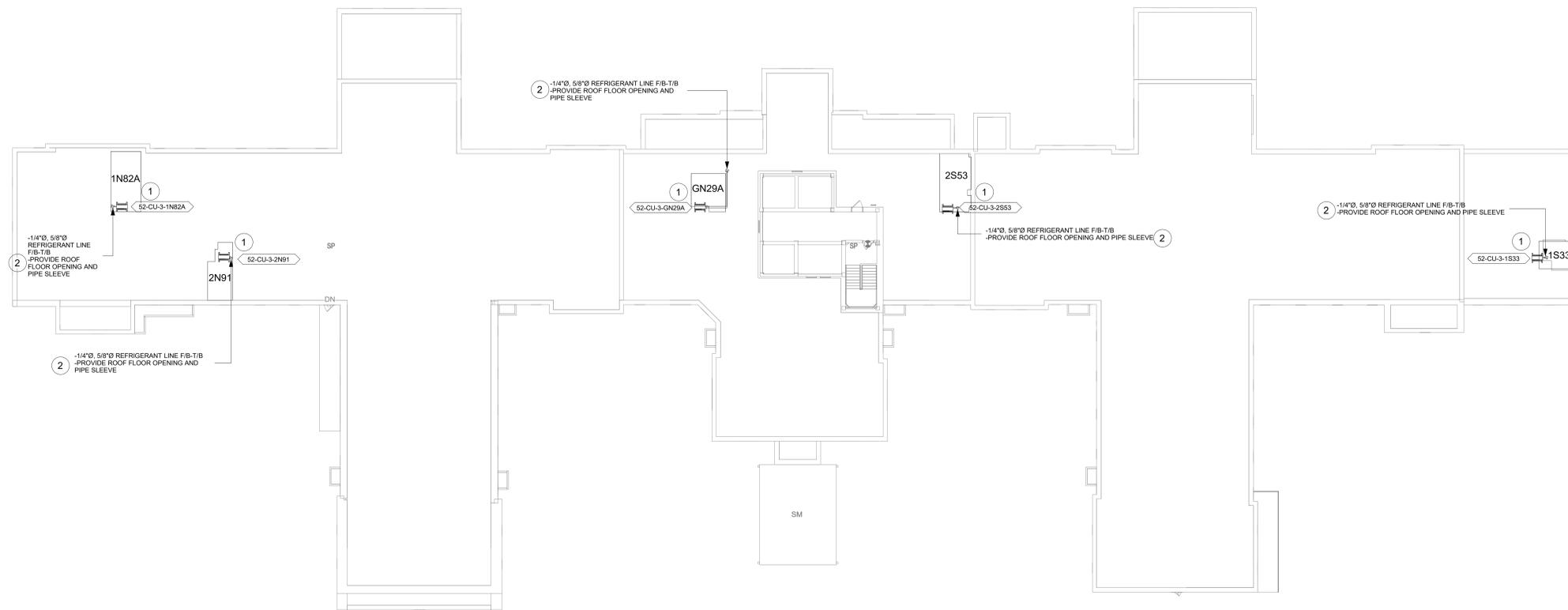
Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
52
Drawing Number
52M-102
107 OF 435

KEYNOTES #

- 1. REFER TO M-501 FOR CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL.
- 2. REFER TO M-501 FOR LINESET FLASHING DETAIL.



1 BLDG. 52 - ROOF PLAN
1/16" = 1'-0"



Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title	Phase	Project Title	Project Number
		ENGINEERING DISCIPLINE:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES 			BLDG 52 - ROOF PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
						Approved:		Location	Building Number
								ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	52
								Issue Date	Drawing Number
								03/31/2022	52M-110
								Checked	108 OF 435
								MM/0BJJ/CY	

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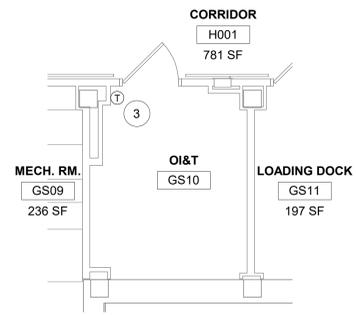
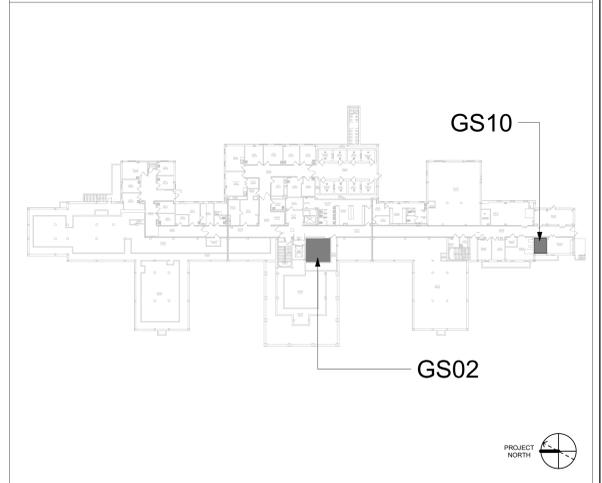
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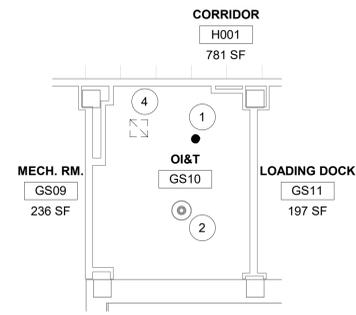
KEYNOTES #

1. REMOVE EXISTING SPRINKLER.
2. DEMO CEILING SUPPLY GRILLE AND TERMINAL BOX. DEMO DUCTWORK BACK TO MAIN. CAP/SEAL DUCT AT MAIN.
3. DEMO THERMOSTAT FROM WALL.
4. DEMO RETURN GRILLE IN CEILING. DEMO DUCT BACK TO MAIN, CAP AND SEAL DUCT. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
5. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
7. DEMO SINK, INCLUDING WATER SUPPLIES. DEMO HOT AND COLD WATER SUPPLIES BACK TO MAIN, CAP WITHIN TWO PIPE DIAMETERS. SANITARY DRAIN TO BE USED FOR CONDENSATE DRAIN DISCHARGE POINT CONNECTION.
8. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
9. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PITCH THE CONDENSATE DRAIN LINE IN THE DIRECTION OF FLOW. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
10. REFER TO M-501 FOR INDIRECT DRAIN FOR SINK DETAIL.
11. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.
12. CONTRACTOR TO ROUTE CONDENSATE PIPING TO THE NEAREST EXTERIOR WALL, PENETRATING THE EXTERIOR WALL AND ROUTING TO TERMINATED AT GRADE. SECURE PIPE TO EXTERIOR WALL. PAINT CONDENSATE PIPE TO MATCH THE COLOR OF THE EXTERIOR WALL. COORDINATE ROUTING AND DISCHARGE LOCATION WITH COR.

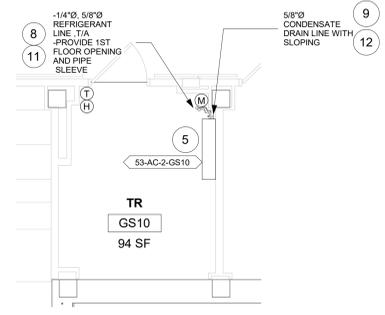
KEY PLAN



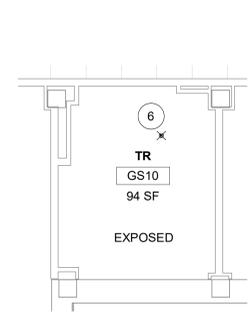
1 RM GS10 - DEMO FLOOR PLAN
1/4" = 1'-0"



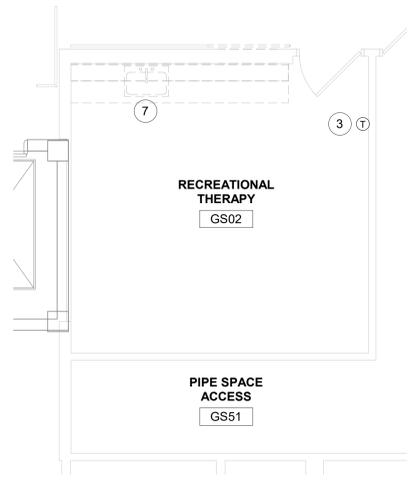
2 RM GS10 - DEMO RCP
1/4" = 1'-0"



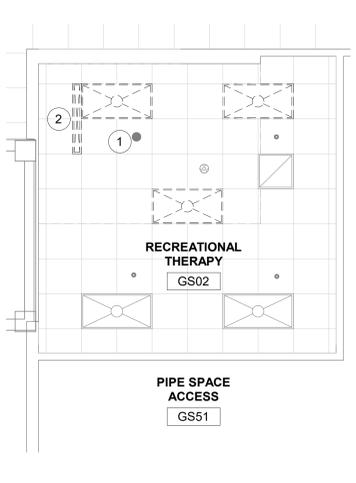
3 RM GS10 - FLOOR PLAN
1/4" = 1'-0"



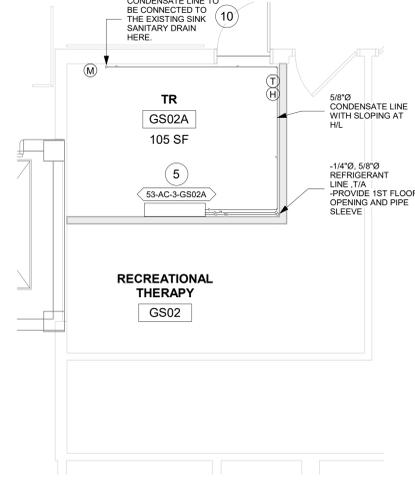
4 RM GS10 - RCP
1/4" = 1'-0"



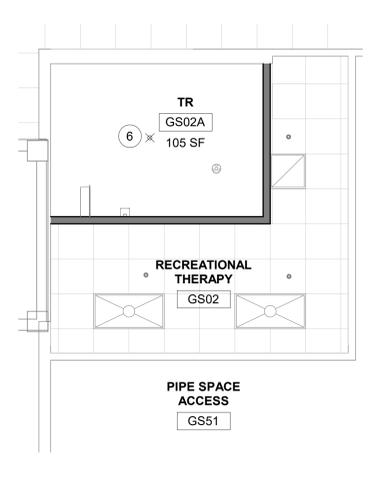
5 RM GS02 - DEMO FLOOR PLAN
1/4" = 1'-0"



6 RM GS02 - DEMO RCP
1/4" = 1'-0"



7 RM GS02A - FLOOR PLAN
1/4" = 1'-0"



8 RM GS02A - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
BLDG 53 - FLOOR 0 - DEMO, FLOOR PLANS & RCPs
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJJCY

Project Number
657-21-701JB
Building Number
53
Drawing Number
53M-100
109 OF 435

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
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5. REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS. AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

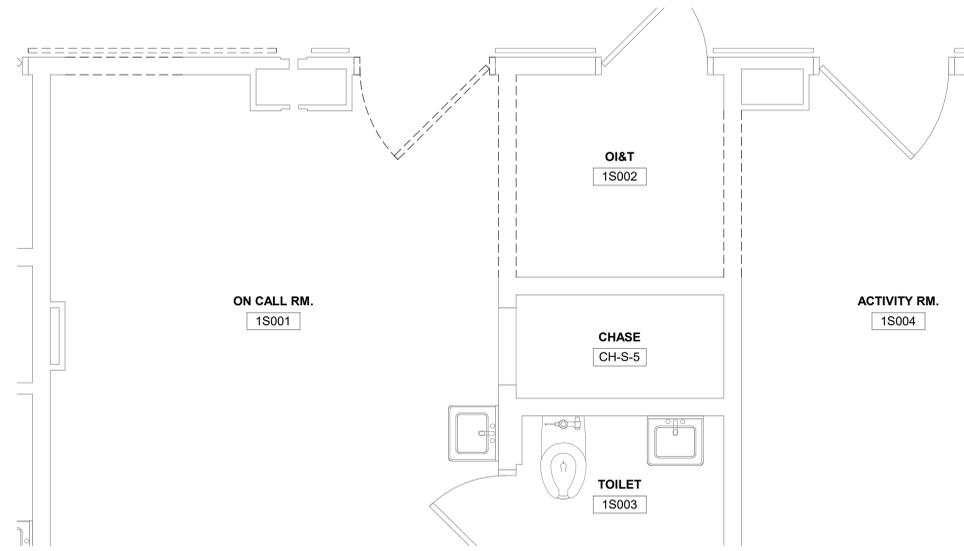
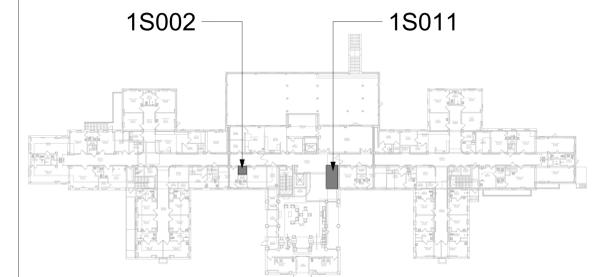
FIRE PROTECTION NOTES

1. ALL TELECOM ROOMS TO HAVE EXISTING QUICK RESPONSE SPRINKLERS REPLACED WITH STANDARD RESPONSE SPRINKLERS.
2. ROOMS THAT DON'T HAVE CEILING (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE.
3. ROOMS WITH FINISHED CEILING SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
4. TELECOM ROOMS CONSIDERED LIGHT HAZARD FOR SPRINKLER HEAD DENSITY. SPRINKLER HEADS MUST BE REPLACED AT THE SAME TIME AS THE CEILING IS DEMOLISHED.

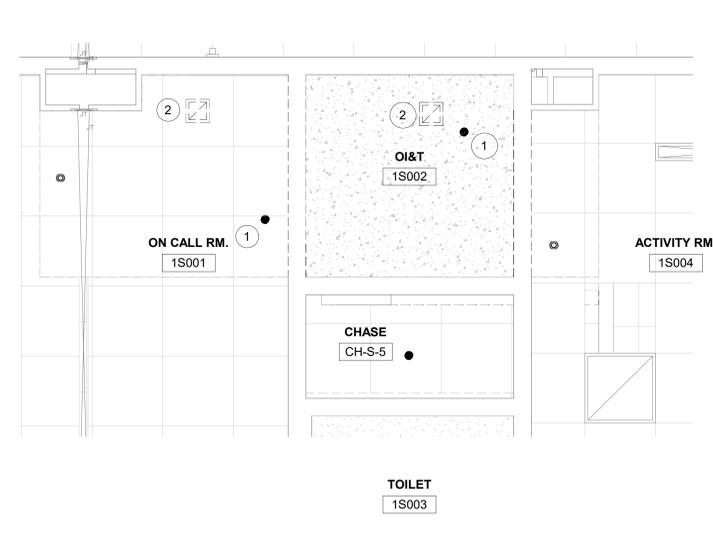
KEYNOTES #

1. REMOVE EXISTING SPRINKLER.
2. DEMO EXHAUST GRILLE IN CEILING. DEMO DUCT BACK TO MAIN, CAP AND SEAL DUCT.
3. DEMO THERMOSTAT FROM THE WALL.
4. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
5. EXTEND NEW SPRINKLER LINE OFF EXISTING BRANCH LINE. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
6. DEMO CEILING SUPPLY GRILLE AND DUCTWORK BACK TO FAN COIL UNIT.
7. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
8. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PITCH THE CONDENSATE DRAIN LINE IN THE DIRECTION OF FLOW. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
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12. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.

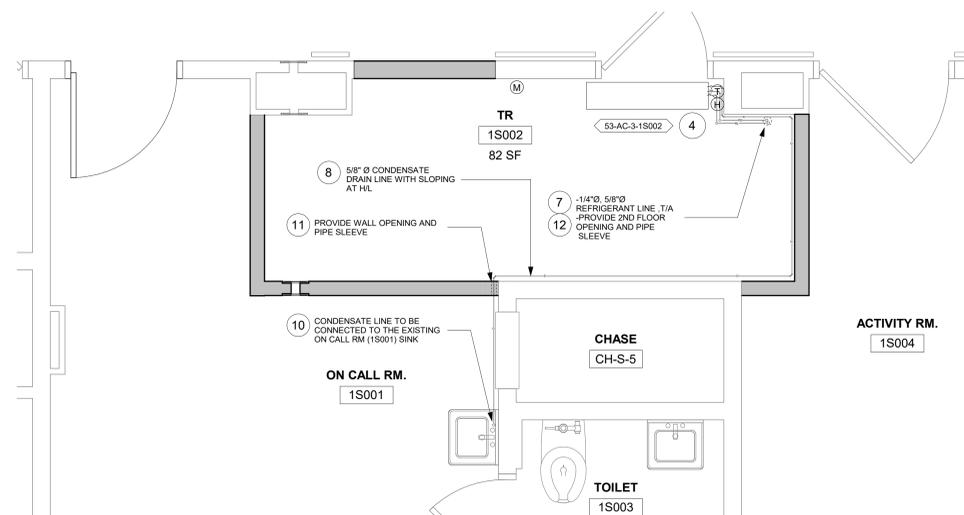
KEY PLAN



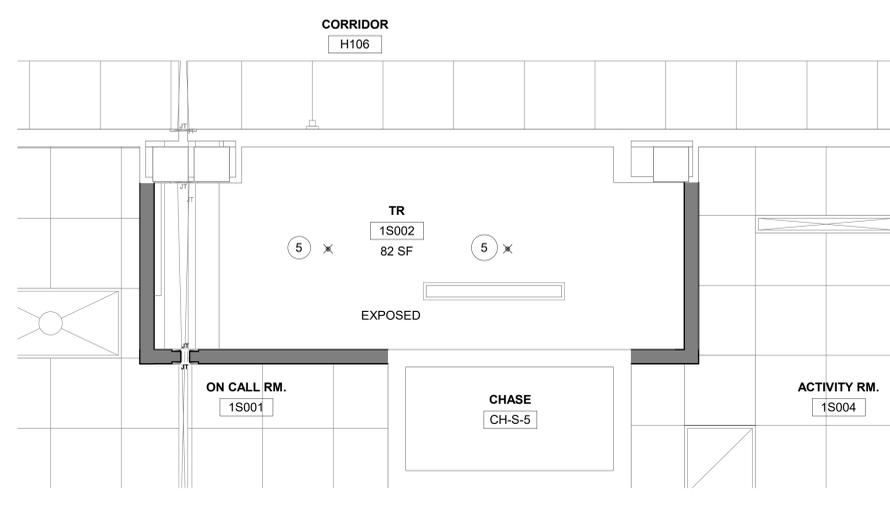
1 RM 1S002 - DEMO FP
1/2" = 1'-0"



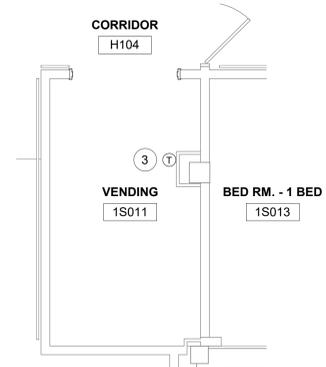
2 RM 1S002 - DEMO RCP
1/2" = 1'-0"



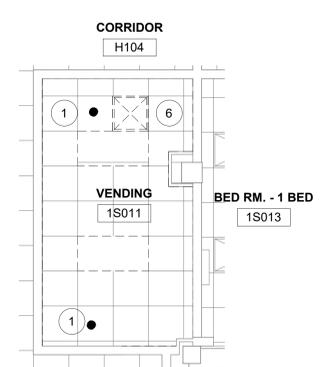
3 RM 1S002 - FLOOR PLAN
1/2" = 1'-0"



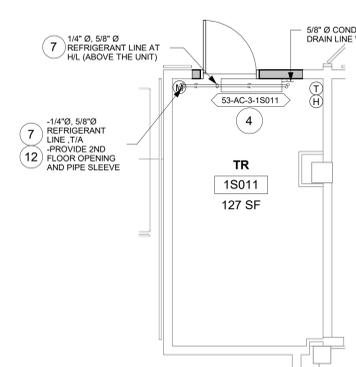
4 RM 1S002 - RCP
1/2" = 1'-0"



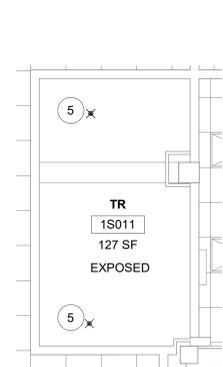
5 RM 1S011 - DEMO FP
1/4" = 1'-0"



6 RM 1S011 - DEMO RCP
1/4" = 1'-0"



7 RM 1S011 - FLOOR PLAN
1/4" = 1'-0"



8 RM 1S011 - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT ENGINEERING DISCIPLINE:	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES
--	---

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

Drawing Title
BLDG 53 - FLOOR 1 - DEMO, FLOOR PLANS & RCPS

Approved:

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB
Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 53
Issue Date 03/31/2022	Checked MGH
Drawn MM/OBJ/JCY	Drawing Number 53M-101
110 OF 435	

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
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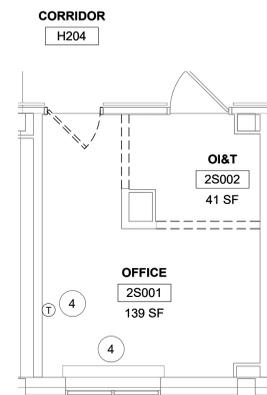
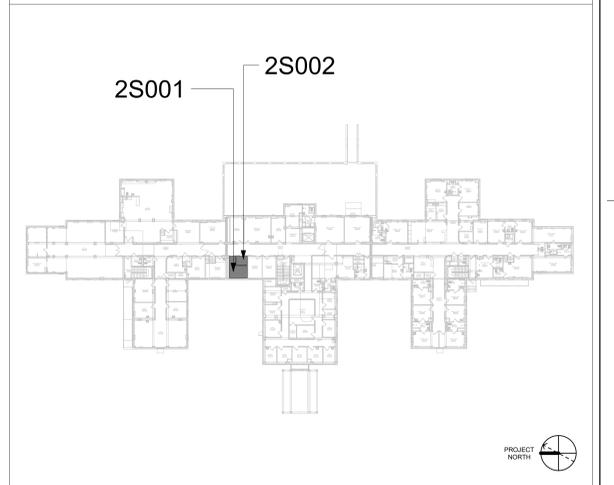
FIRE PROTECTION NOTES

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3. ROOMS WITH FINISHED CEILING SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
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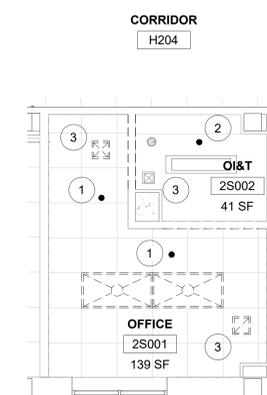
KEYNOTES #

1. REMOVE EXISTING SPRINKLER.
2. REMOVE SPRINKLER AND BRANCH LINE. CAP SPRINKLER BRANCH TAKEOFF AT MAIN. DEMO SUPPLY/EXHAUST GRILLE IN CEILING. DEMO DUCT BACK TO MAIN, CAP AND SEAL DUCT.
3. DEMO WALL HEATING CONVECTOR. DEMO PIPING BACK TO MAIN. DEMO WALL THERMOSTAT.
4. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
5. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
6. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
7. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PITCH THE CONDENSATE DRAIN LINE IN THE DIRECTION OF FLOW. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
8. REFER TO M-501 FOR INDIRECT DRAIN FOR SINK DETAIL.
9. REFER TO M-502 FOR PIPE THRU WALL DETAIL.
10. REFER TO M-501 FOR LINESET FLASHING DETAIL.

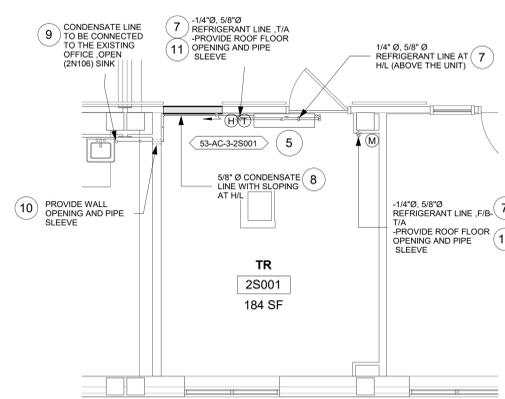
KEY PLAN



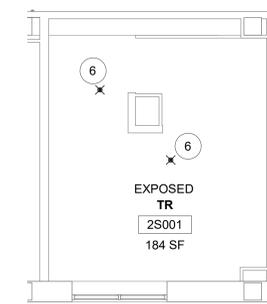
1 RM 2S002 & 2S001- DEMO FLOOR PLAN
1/4" = 1'-0"



3 RM 2S002 & 2S001 - DEMO RCP
1/4" = 1'-0"



2 RM 2S002 & 2S001 - FLOOR PLAN
1/4" = 1'-0"

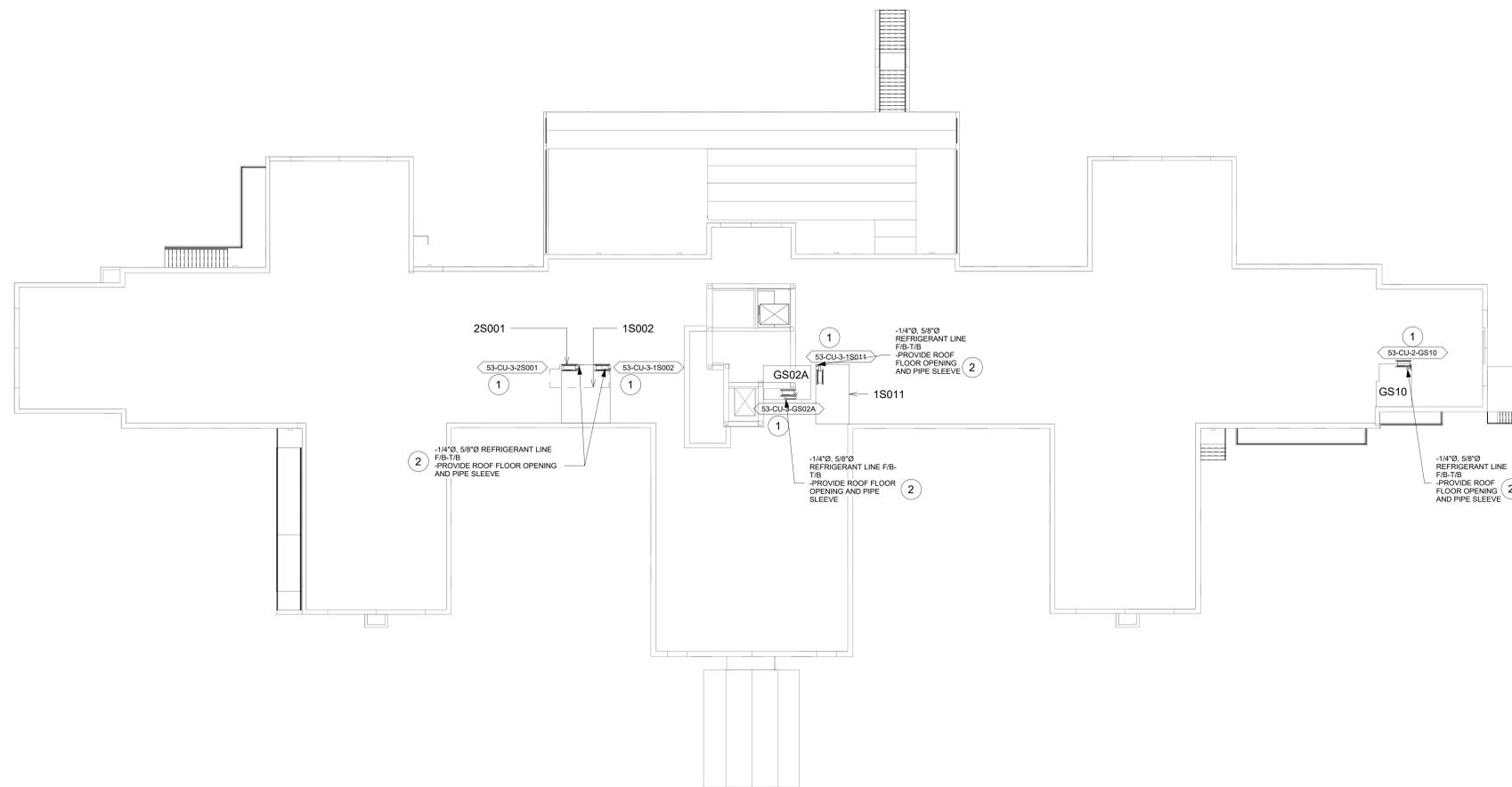


4 RM 2S002 & 2S001- RCP
1/4" = 1'-0"

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	ENGINEERING DISCIPLINE:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES		U.S. Department of Veterans Affairs	BLDG 53 - FLOOR 2 - DEMO, FLOOR PLANS & RCPS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
Date:					Approved:	FULLY SPRINKLERED	Location	Building Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	53
							Issue Date	Drawing Number
							03/31/2022	53M-102
							Checked	111 OF 435
							MM/OBJ/JCY	

KEYNOTES #

1. REFER TO M-501 FOR CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL.
2. REFER TO M-501 FOR LINESET FLASHING DETAIL.



1 BLDG 53 - ROOF PLAN
1/16" = 1'-0"



Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES




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

Drawing Title
BLDG 53 - ROOF PLAN
Approved:

Phase
CONSTRUCTION DOCUMENTS

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
53
Drawing Number
53M-110
112 OF 435

GENERAL NOTES

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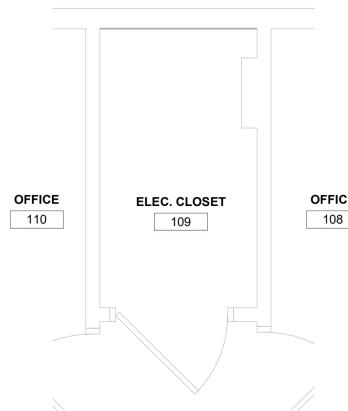
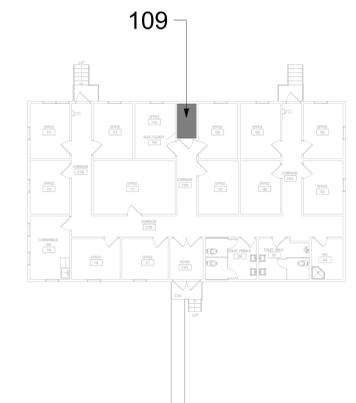
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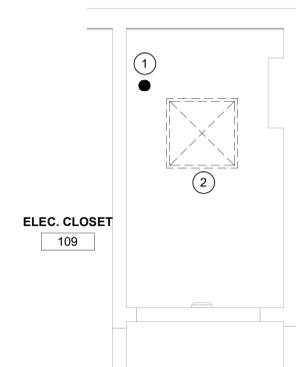
KEYNOTES #

1. DEMO SPRINKLER.
2. DEMO CEILING SUPPLY GRILLE. DEMO DUCT TO MAIN. CAP/SEAL MAIN DUCT.
3. INSTALL NEW STANDARD RESPONSE SPRINKLER.
4. INSTALL NEW IN-LINE TRANSFER FAN. PROVIDE TEMPERATURE AND HUMIDITY SENSOR BY CONTROLS CONTRACTOR. REFER TO M-501 FOR IN-LINE CEILING TRANSFER FAN DETAIL.
5. PROVIDE CEILING GRILLES. REFER TO M-502 FOR SUPPLY GRILLE AND INTAKE GRILLE SIZE.
6. REFER TO M-501 FOR FLEXIBLE DUCT CONNECTIONS DETAIL.
7. REFER TO M-501 FOR DIFFUSER BOX DETAIL.
8. REFER TO M-501 FOR ROUND DUCT THRU WALL DETAIL.

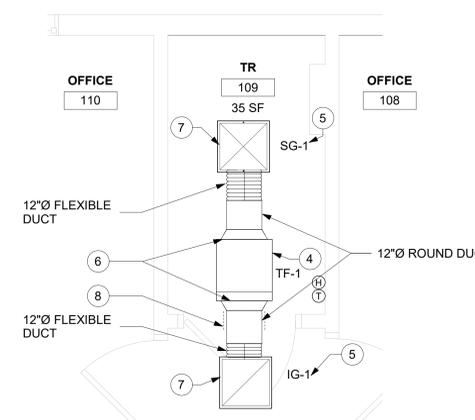
KEY PLAN



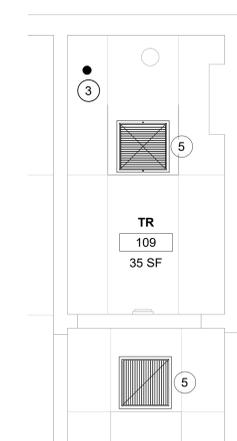
1 RM 109 - DEMO FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



2 RM 109 - DEMO RCP
1/2" = 1'-0" PROJECT NORTH



3 RM 109 - FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



4 RM 109 - RCP
1/2" = 1'-0" PROJECT NORTH

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
**BLDG 53T - FLOOR 01 - DEMO,
FLOOR PLANS & RCPS**
Approved:

Phase
**CONSTRUCTION
DOCUMENTS**

FULLY SPRINKLERED

Project Title
**EHRM INFRASTRUCTURE
UPGRADES**
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
53T
Drawing Number
53TM-101
113 OF 435

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
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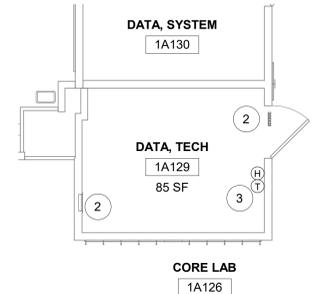
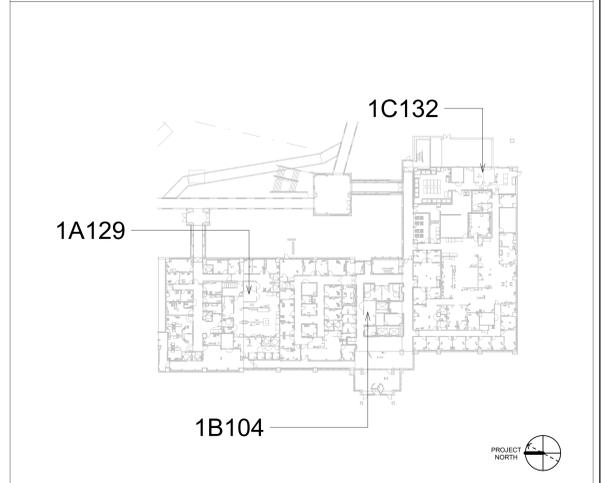
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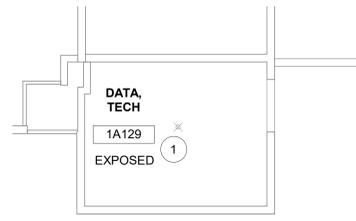
KEYNOTES #

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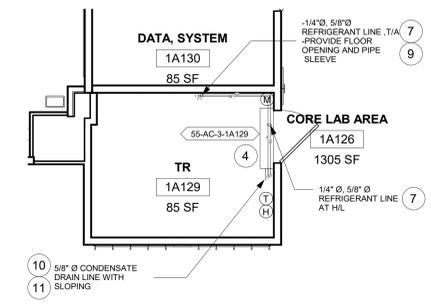
KEY PLAN



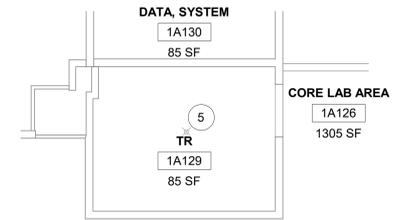
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1/4" = 1'-0"



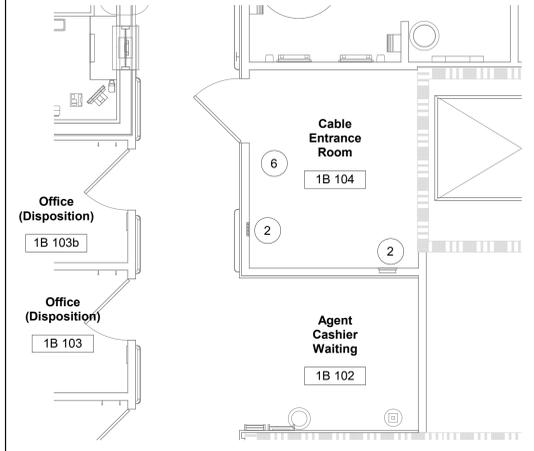
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1/4" = 1'-0"



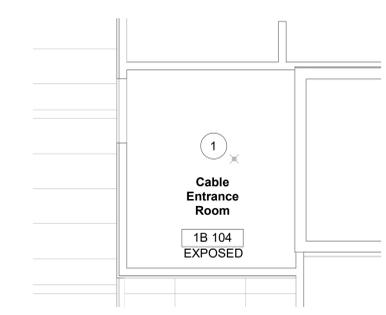
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1/4" = 1'-0"



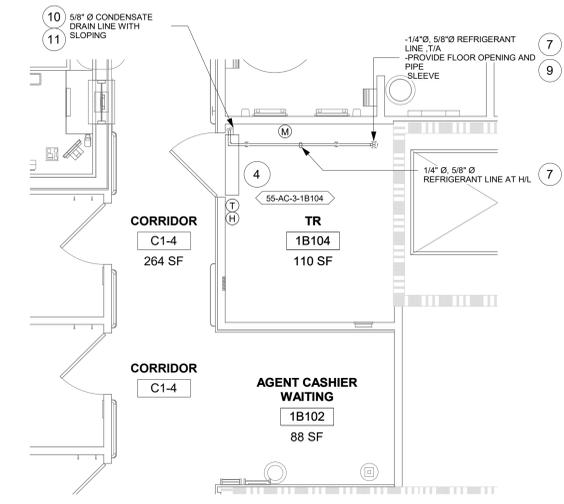
4 RM 1A129 - RCP
1/4" = 1'-0"



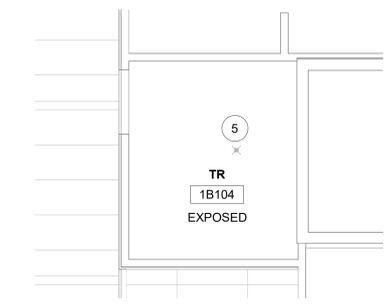
5 RM 1B104 - DEMO FLOOR PLAN
1/4" = 1'-0"



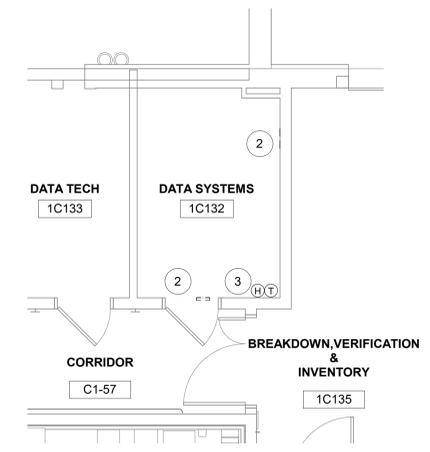
6 RM 1B104 - DEMO RCP
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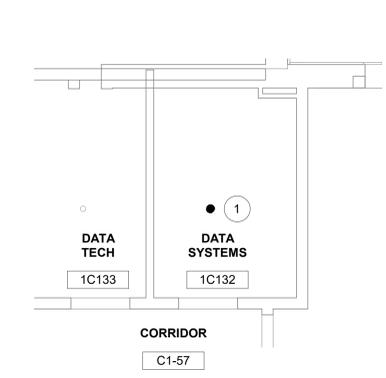
7 RM 1B104 - FLOOR PLAN
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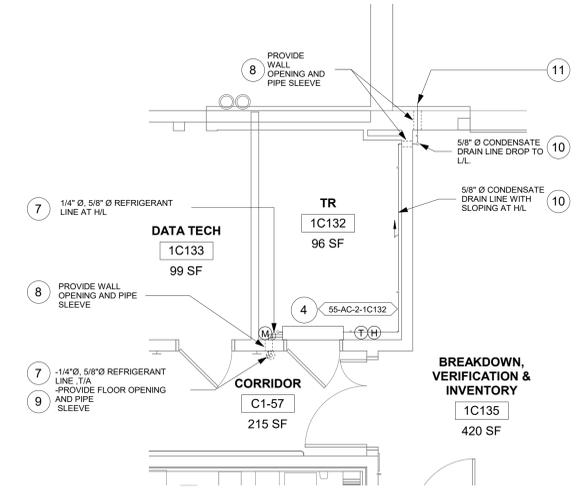
8 RM 1B104 - RCP
1/4" = 1'-0"



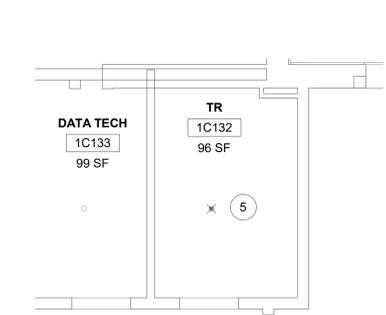
9 RM 1C132 - DEMO FLOOR PLAN
1/4" = 1'-0"



10 RM 1C132 - DEMO RCP
1/4" = 1'-0"



11 RM 1C132 - FLOOR PLAN
1/4" = 1'-0"



12 RM 1C132 - RCP
1/4" = 1'-0"

Revisions:	Date:

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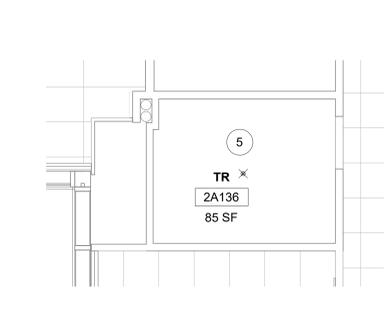
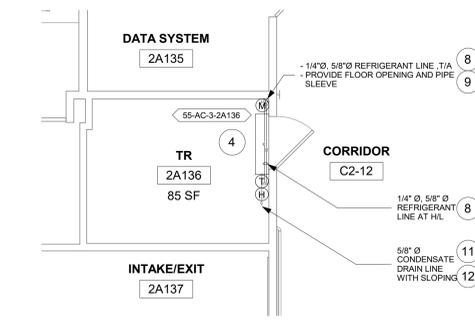
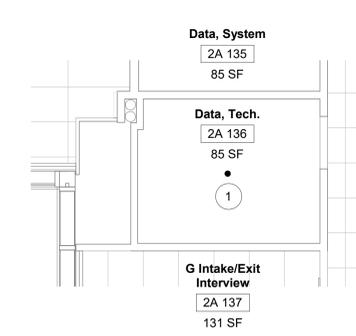
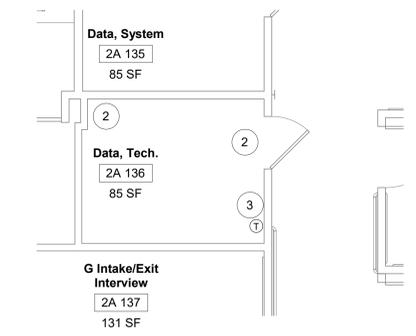
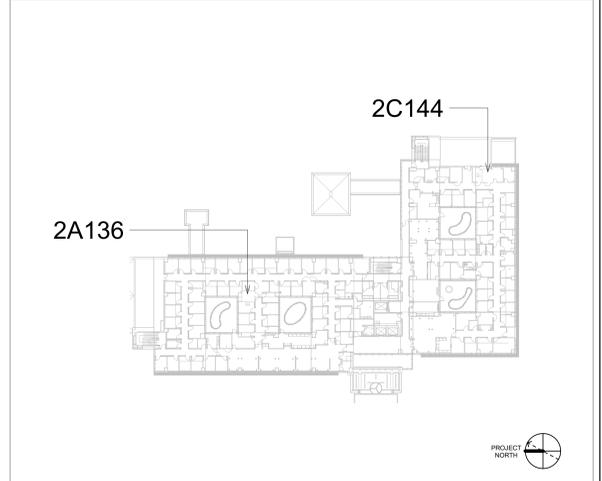
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KEY PLAN

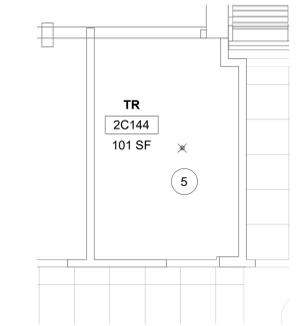
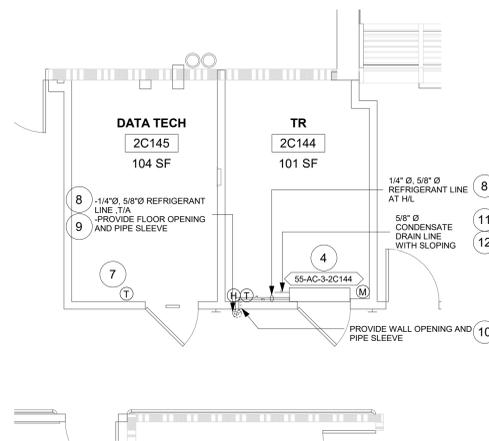
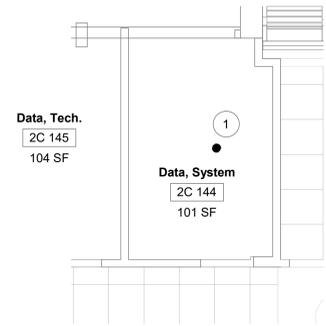
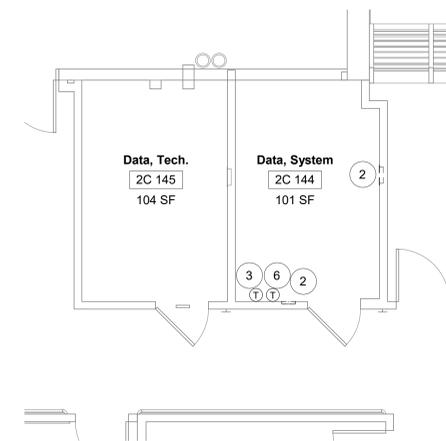


1 RM 2A136 - DEMO FP
1/4" = 1'-0"

2 RM 2A136 - DEMO RCP
1/4" = 1'-0"

3 RM 2A136 - FLOOR PLAN
1/4" = 1'-0"

4 RM 2A136 - RCP
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5 RM 2C144 - DEMO FLOOR PLAN
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6 RM 2C144 - DEMO RCP
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7 RM 2C144 - FLOOR PLAN
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8 RM 2C144 - RCP
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Office of Construction and Facilities Management
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BLDG 55 - FLOOR 2 - DEMO, FLOOR PLANS & RCPS
Approved:

Phase
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FULLY SPRINKLERED

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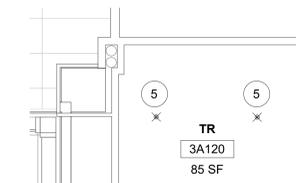
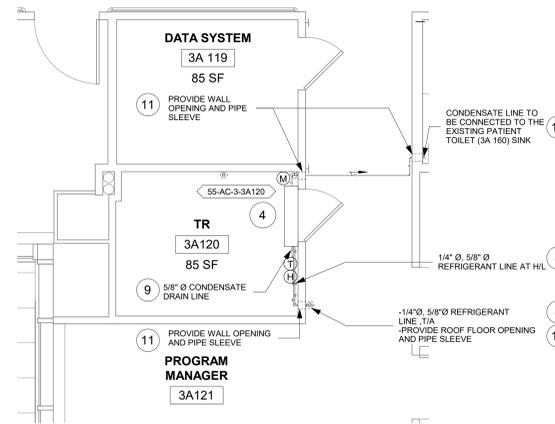
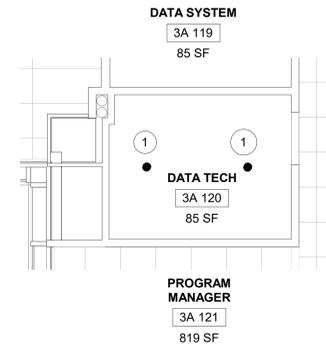
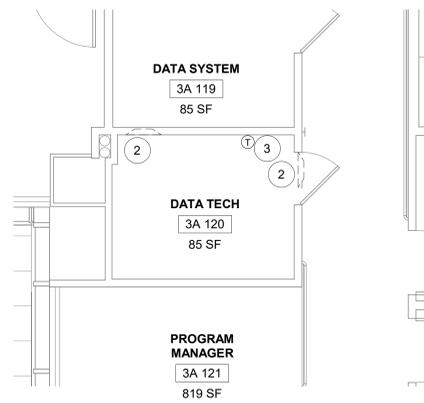
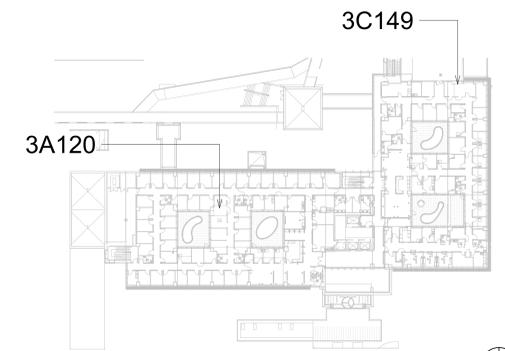
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14. REFER TO M-501 FOR LINESET FLASHING DETAIL.

KEY PLAN

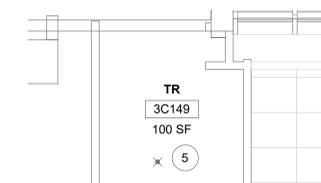
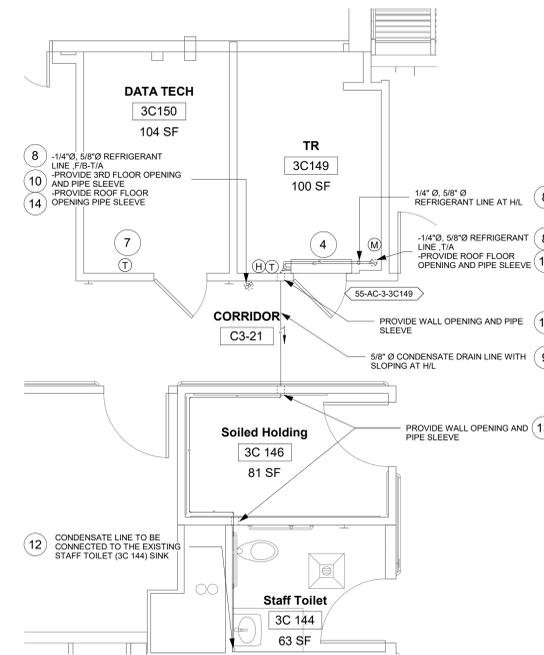
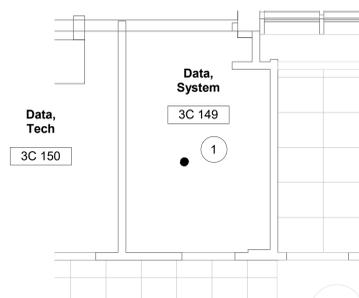
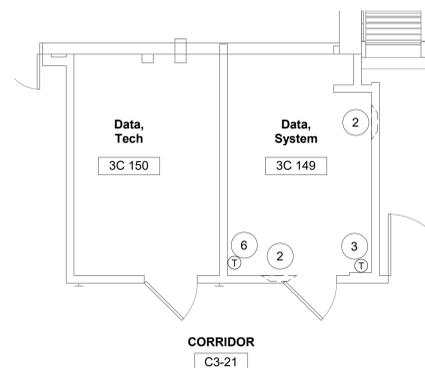


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6 RM 3C149 - DEMO RCP
1/4" = 1'-0"

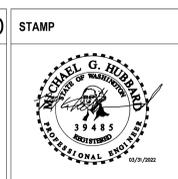
7 RM 3C149 - FLOOR PLAN
1/4" = 1'-0"

8 RM 3C149 - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES



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

Drawing Title BLDG 55 - FLOOR 3 - DEMO, FLOOR PLANS & RCPS
Approved:

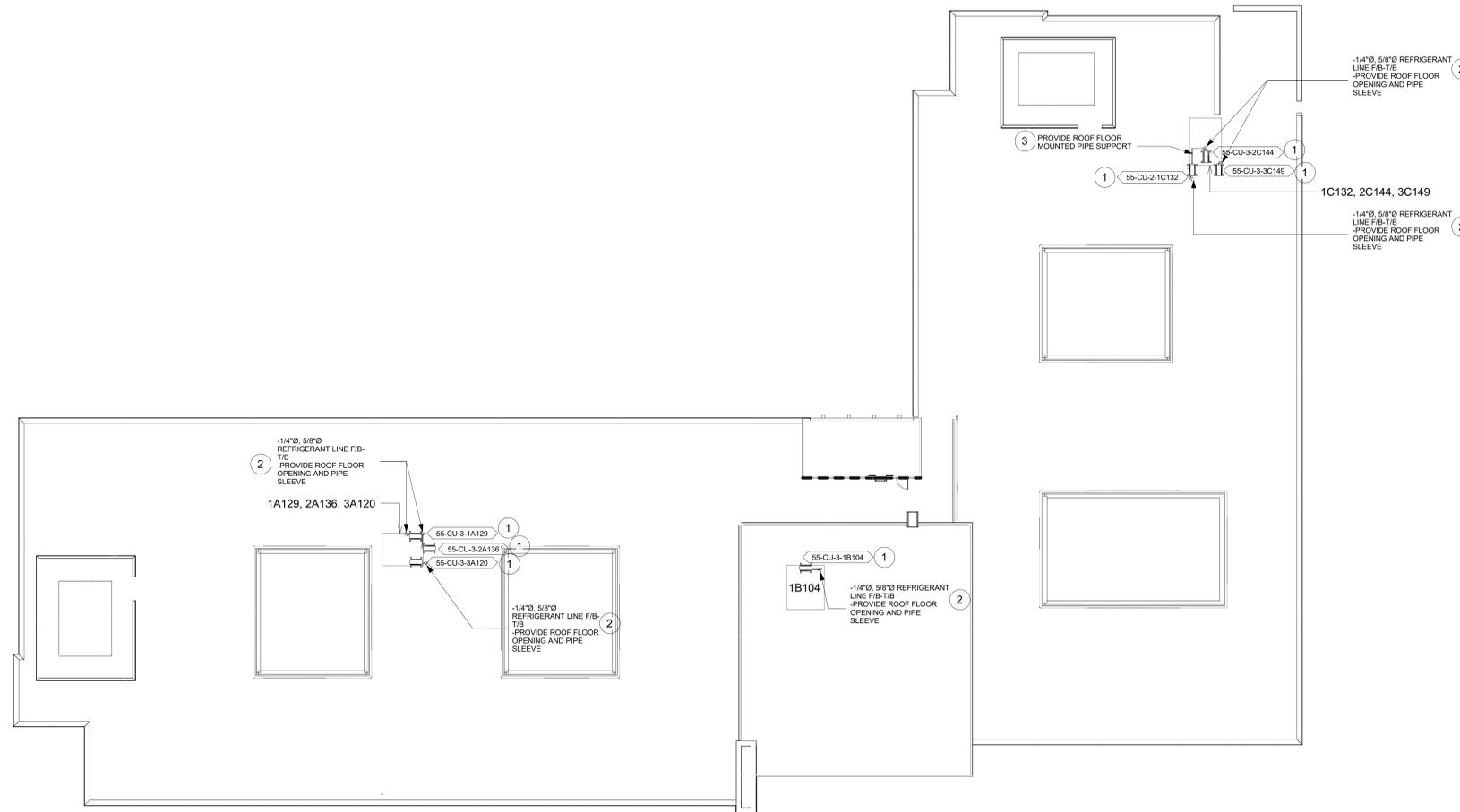
Phase CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title EHRM INFRASTRUCTURE UPGRADES
Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date 03/31/2022
Checked MGH
Drawn MM/OBJ/JCY

Project Number 657-21-701JB
Building Number 55
Drawing Number 55M-103
116 OF 435

KEYNOTES #

1. REFER TO M-501 FOR CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL.
2. REFER TO M-501 FOR LINESET FLASHING DETAIL.
3. REFER TO S-502 FOR PIPE ROOF MOUNTING DETAIL.



1 BLDG 55 - ROOF PLAN
1/16" = 1'-0"



Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title BLDG 55 - ROOF PLAN	Phase CONSTRUCTION DOCUMENTS	Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB	
		ENGINEERING DISCIPLINE:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES 			Approved:		Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 55	
							Issue Date 03/31/2022	Checked MGH	Drawn MM/OBJJ/CY	55M-110
									117 OF 435	

GENERAL NOTES

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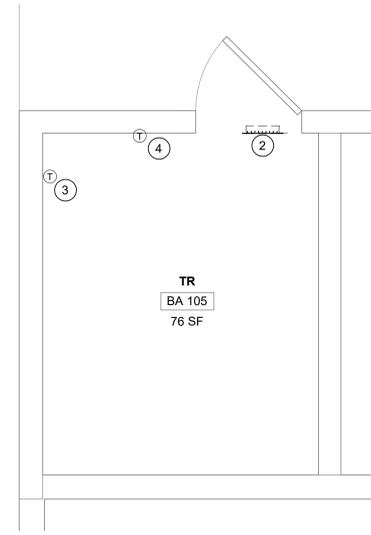
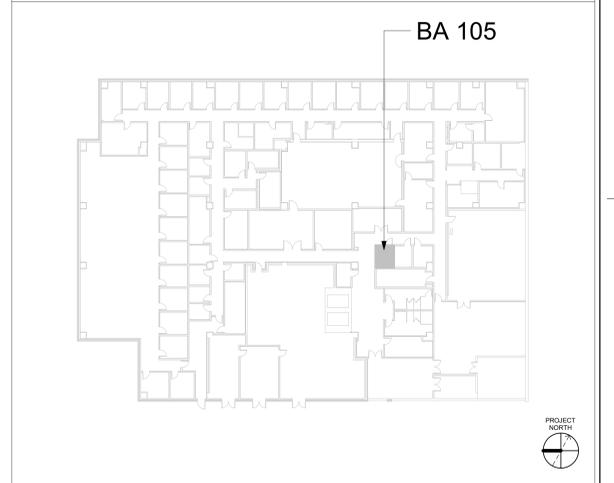
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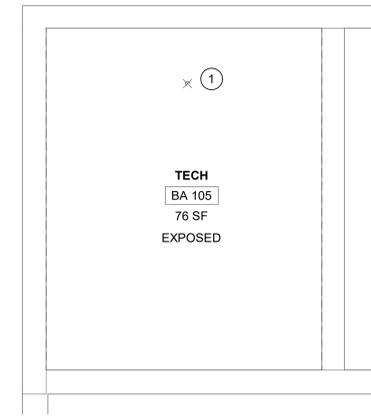
KEYNOTES #

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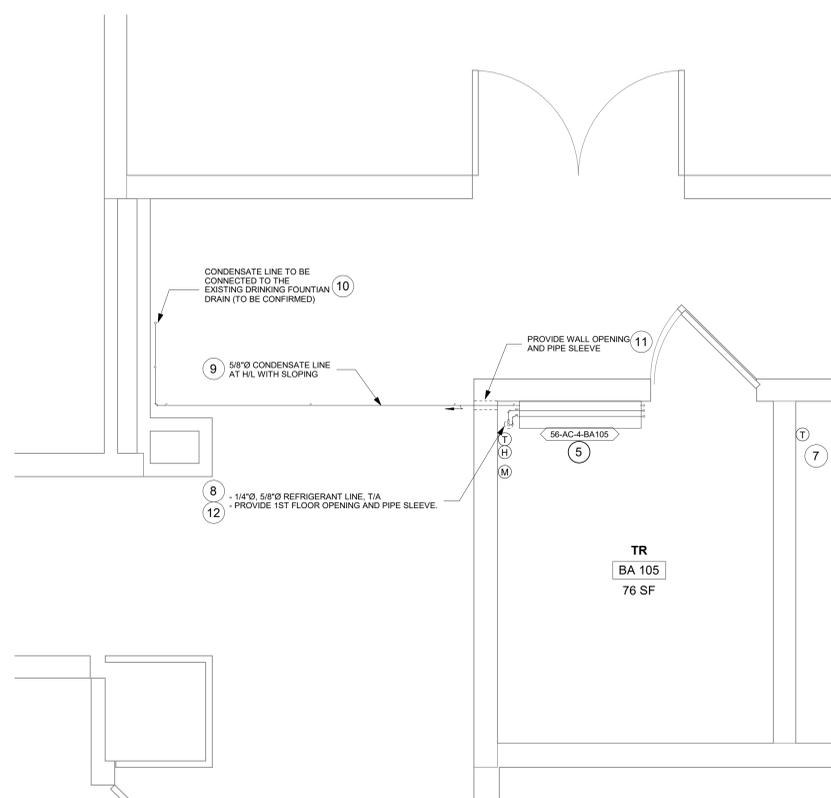
KEY PLAN



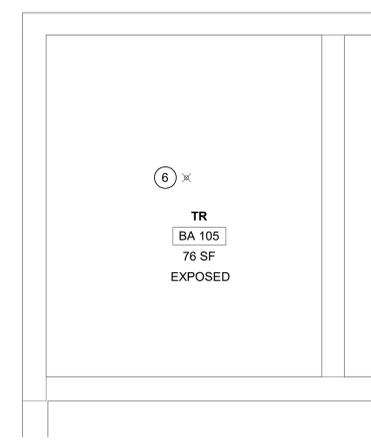
1 RM BA105 - DEMO FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



2 RM BA105 - DEMO RCP
1/2" = 1'-0" PROJECT NORTH



3 RM BA105 - FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



4 RM BA105 - RCP
1/2" = 1'-0" PROJECT NORTH

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
BLDG 56 - FLOOR 0 - DEMO, FLOOR PLANS & RCPS
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
56
Drawing Number
56M-100
118 OF 435

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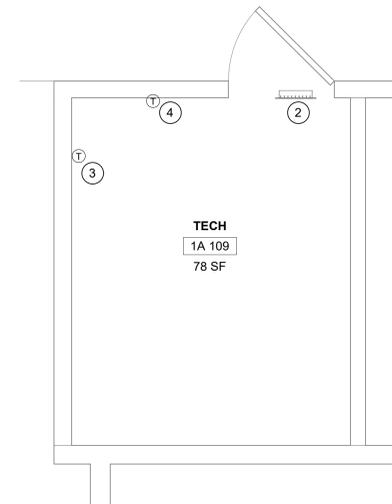
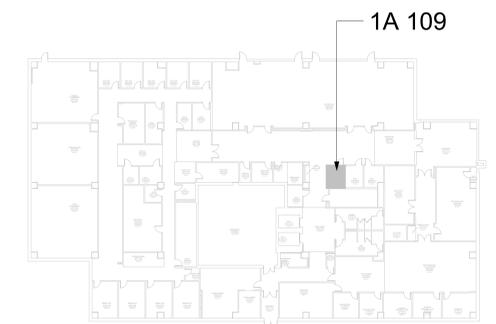
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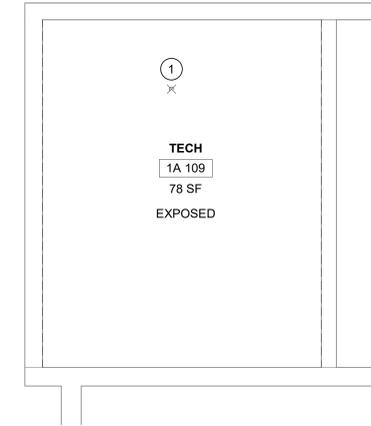
KEYNOTES #

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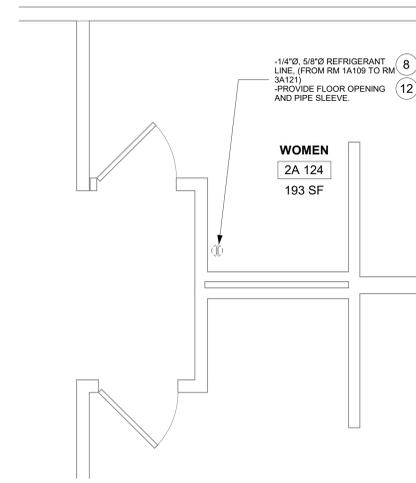
KEY PLAN



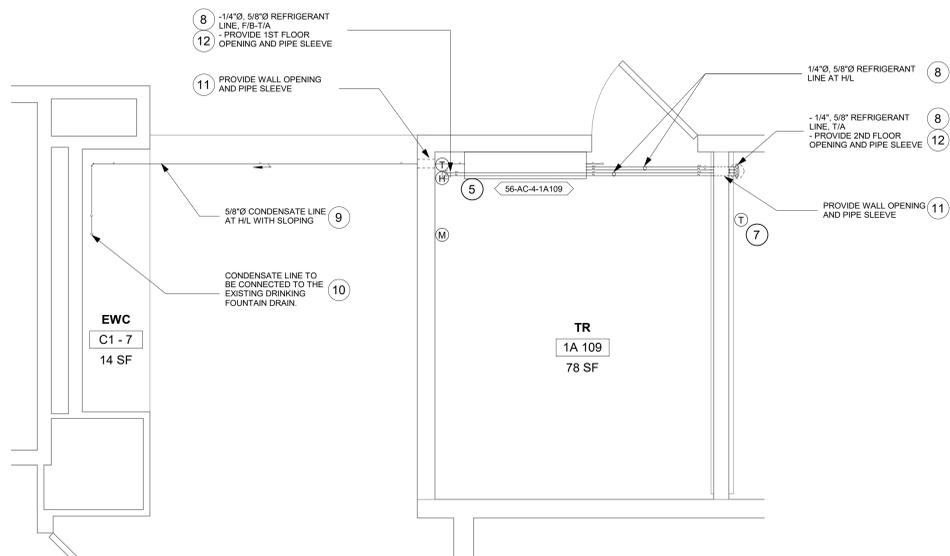
1 RM 1A 109 - DEMO FLOOR PLAN
1/2" = 1'-0"



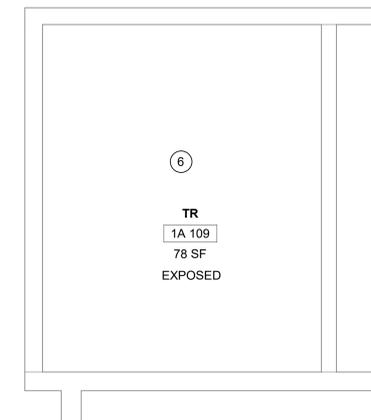
2 RM1A109 - DEMO RCP
1/2" = 1'-0"



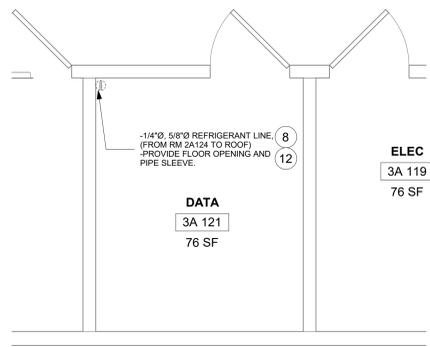
3B RM 2A 124 - FLOOR PLAN
3/8" = 1'-0"



3A RM 1A 109 - FLOOR PLAN
1/2" = 1'-0"



4 RM1A109 - RCP
1/2" = 1'-0"



3C RM 3A 121 - FLOOR PLAN
3/8" = 1'-0"

CONSULTANT ENGINEERING DISCIPLINE:	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title BLDG 56 - FLOOR 01 - DEMO, FLOOR PLANS & RCPS	Phase CONSTRUCTION DOCUMENTS	Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB
				Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Issue Date 03/31/2022

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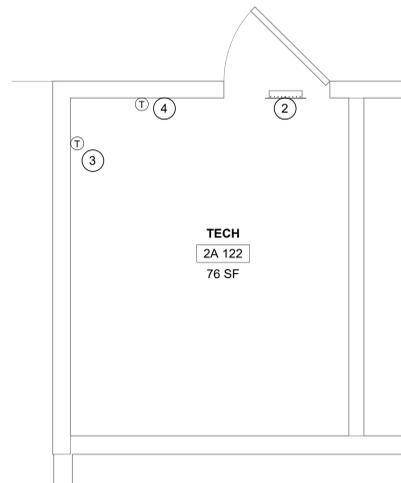
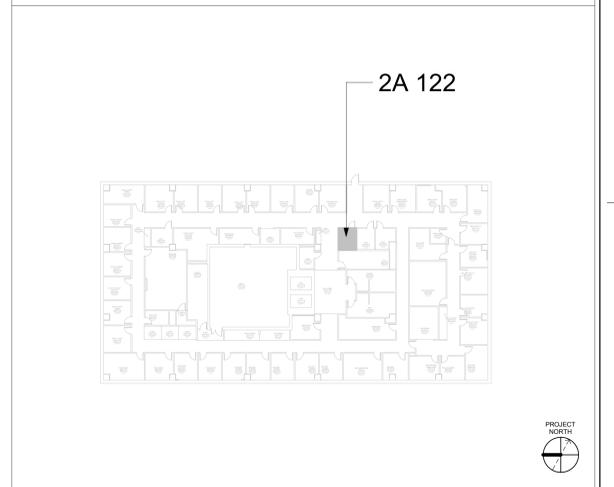
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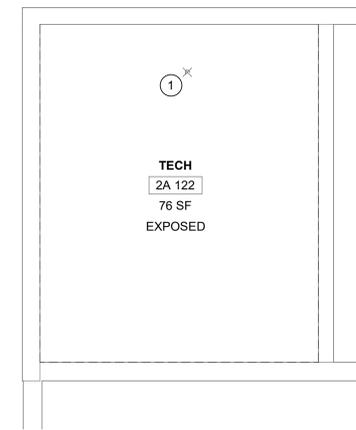
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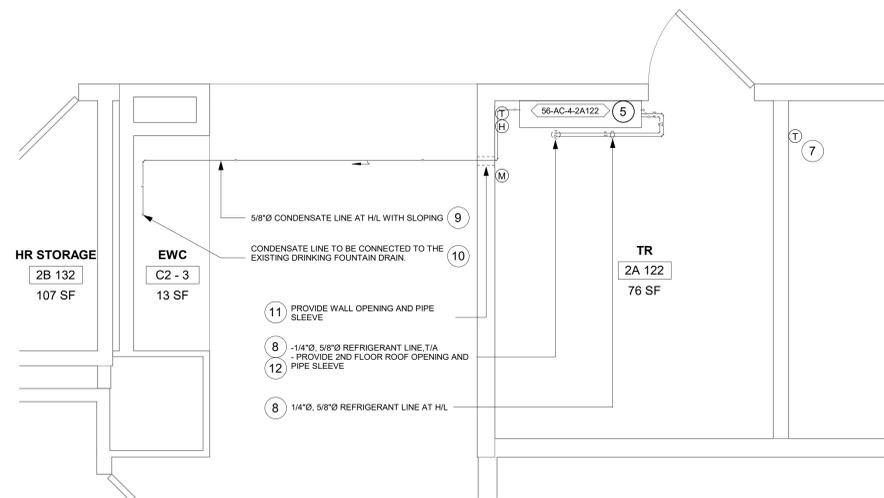
KEY PLAN



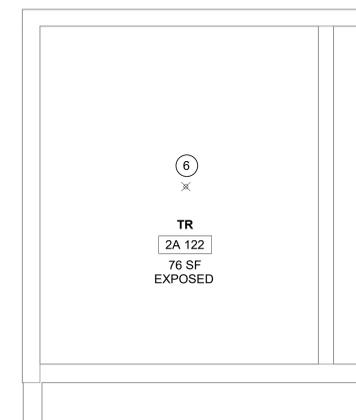
1 RM 2A122 - DEMO FLOOR PLAN
1/2" = 1'-0"



2 RM 2A122 - DEMO RCP
1/2" = 1'-0"



3 RM 2A122 - FLOOR PLAN
1/2" = 1'-0"



4 RM 2A122 - RCP
1/2" = 1'-0"

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	ENGINEERING DISCIPLINE:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES			BLDG 56 - FLOOR 02 - DEMO, FLOOR PLANS & RCPS		CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES
Date:					Approved:	FULLY SPRINKLERED	Location	Drawing Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	56M-102
							Issue Date	120 OF 435
							03/31/2022	
							Checked	
							MM/OBJ/JCY	
							Drawn	

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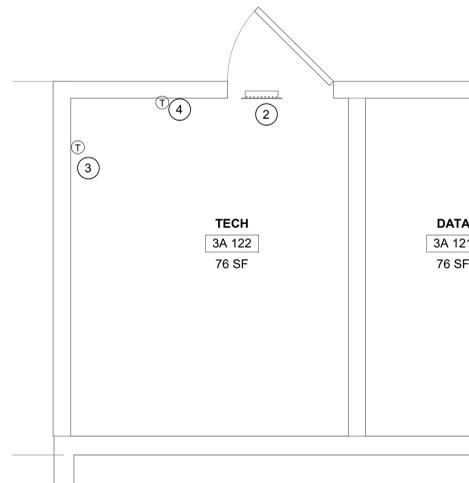
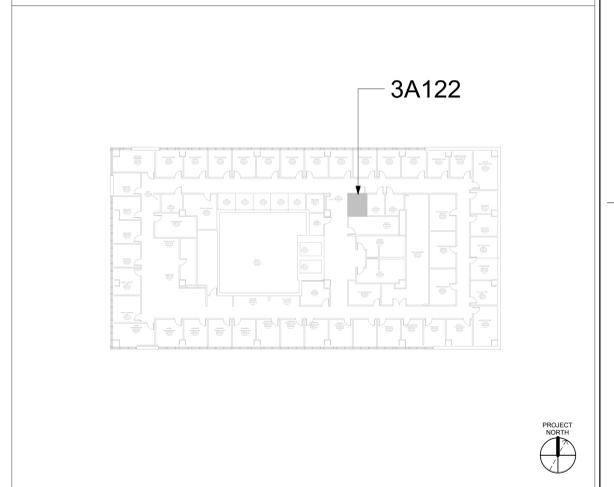
FIRE PROTECTION NOTES

1. ALL TELECOM ROOMS TO HAVE EXISTING QUICK RESPONSE SPRINKLERS REPLACED WITH STANDARD RESPONSE SPRINKLERS.
2. ROOMS THAT DON'T HAVE CEILINGS (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE.
3. ROOMS WITH FINISHED CEILINGS SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
4. TELECOM ROOMS CONSIDERED LIGHT HAZARD FOR SPRINKLER HEAD DENSITY.
5. SPRINKLER HEADS MUST BE REPLACED AT THE SAME TIME AS THE CEILING IS DEMOLISHED.

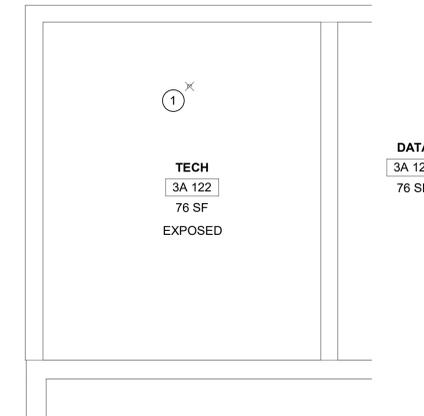
KEYNOTES #

1. DEMO SPRINKLER.
2. DEMO SUPPLY WALL GRILLE, CAP/SEAL DUCT AT WALL.
3. REMOVE WALL THERMOSTAT/SENSOR. PRESERVE FOR RELOCATION ON NEW WALL.
4. TEMPTRAK SENSOR TO REMAIN.
5. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
6. EXTEND NEW SPRINKLER LINE OFF EXISTING BRANCH LINE. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
7. INSTALL EXISTING THERMOSTAT/SENSOR. EXTEND WIRES FROM EXISTING LOCATION.
8. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
9. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PITCH THE CONDENSATE DRAIN LINE IN THE DIRECTION OF FLOW. PROVIDE CLEAN OUTS AT EACH TURN IN THE DIRECTION OF FLOW.
10. REFER TO M-501 FOR INDIRECT DRAIN FOR SINK DETAIL.
11. REFER TO M-502 FOR PIPE THRU WALL DETAIL.
12. REFER TO M-502 FOR PIPE THRU FLOOR DETAIL.
13. REFER TO M-501 FOR LINESET FLASHING DETAIL.

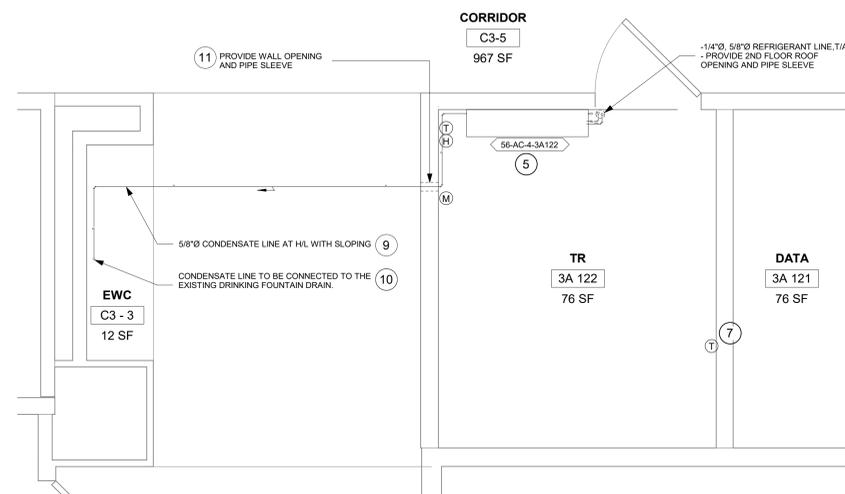
KEY PLAN



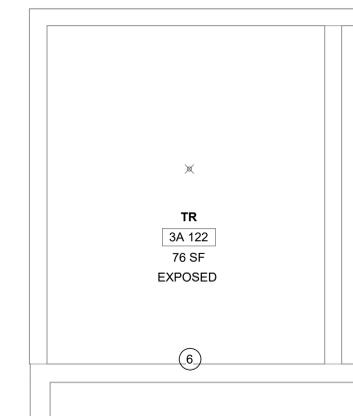
1 RM 3A 122 - DEMO FLOOR PLAN
1/2" = 1'-0"



2 RM 3A 122 - DEMO RCP
1/2" = 1'-0"



3 RM 3A 122 - FLOOR PLAN
1/2" = 1'-0"

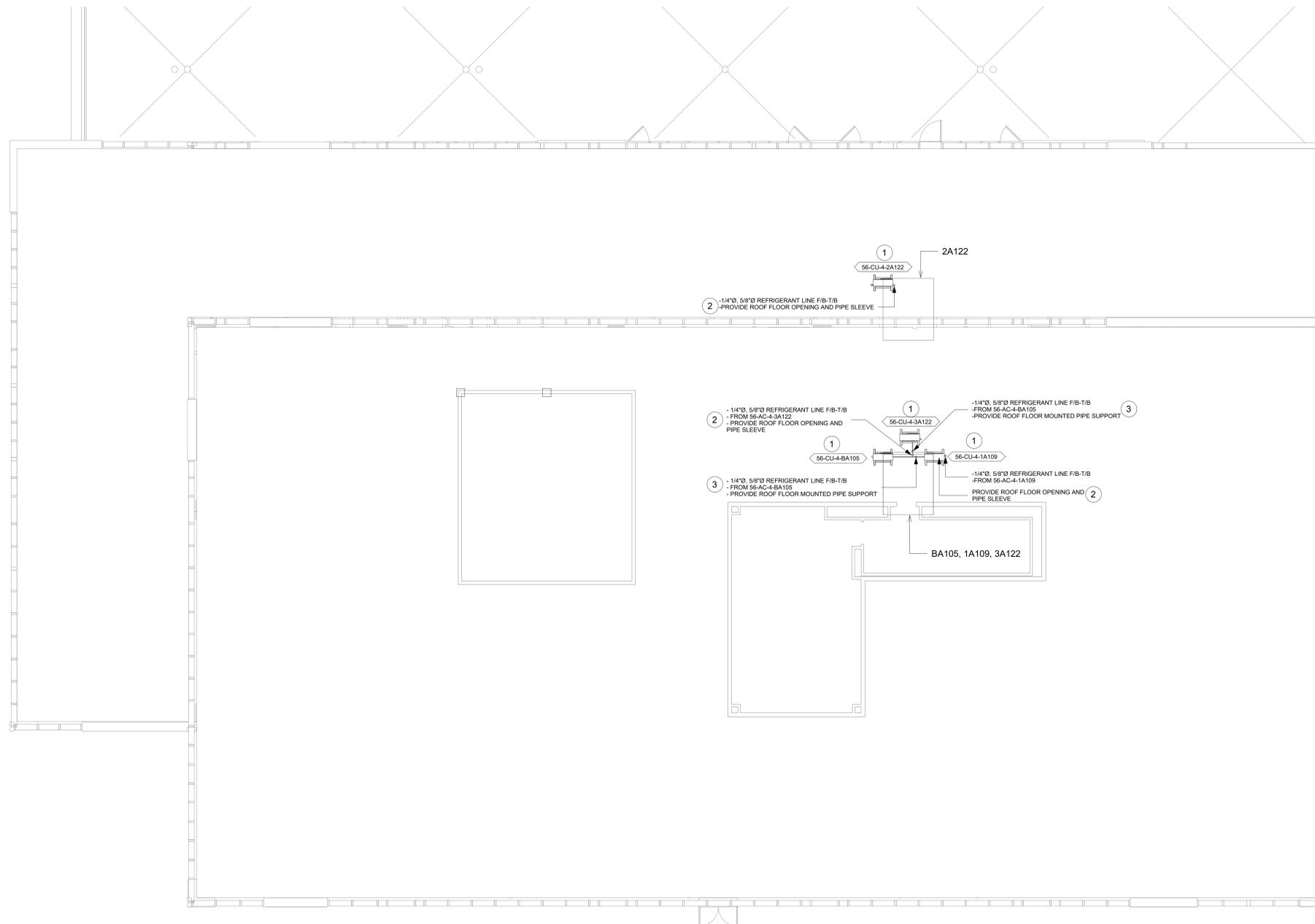


4 RM 3A 122 - RCP
1/2" = 1'-0"

CONSULTANT ENGINEERING DISCIPLINE:		ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES		STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title BLDG 56 - FLOOR 03 - DEMO, FLOOR PLANS & RCPS	Phase CONSTRUCTION DOCUMENTS	Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB				
Revisions:					Approved:	FULLY SPRINKLERED	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Issue Date 03/31/2022	Checked MGH	Drawn MM/OBJ/JCY	Building Number 56	Drawing Number 56M-103
Date:												121 OF 435	

KEYNOTES #

1. REFER TO M-501 FOR CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL.
2. REFER TO M-501 FOR LINESET FLASHING DETAIL.
3. REFER TO M-502 FOR PIPE ROOF MOUNTING DETAIL.



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



Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
		ENGINEERING DISCIPLINE:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES			BLDG 56 - ROOF PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
						Approved:		Location	Building Number
						ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	56		
								Issue Date	Issue Date
								03/31/2022	03/31/2022
								Checked	Drawn
								MGH	MM/OBJJ/CY
									56M-110
									122 OF 435

GENERAL NOTES

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5. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND OWNER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
6. IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRE STOPPED AT THE END OF THE WORK SHIFT, TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SHALL BE INSTALLED IN THE PENETRATION TO PROVIDE PROTECTION AGAINST FIRE/SMOKE SPREAD THROUGH THE UNSEALED PENETRATION.

DEMOLITION GENERAL NOTES

1. REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED.
3. PROTECTION: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST AND DEBRIS. ENSURE THE SAFE PASSAGE OF PERSONS IN AND AROUND BUILDING DURING DEMOLITION. PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY. PROVIDE ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE. IMMEDIATELY REPAIR DAMAGED PROPERTY TO THE CONDITION BEFORE BEING DAMAGED. TAKE EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
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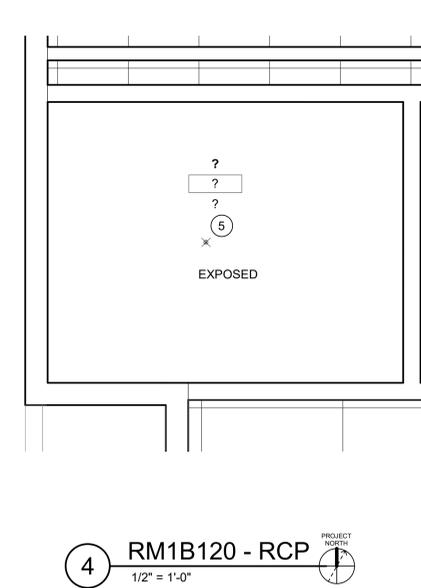
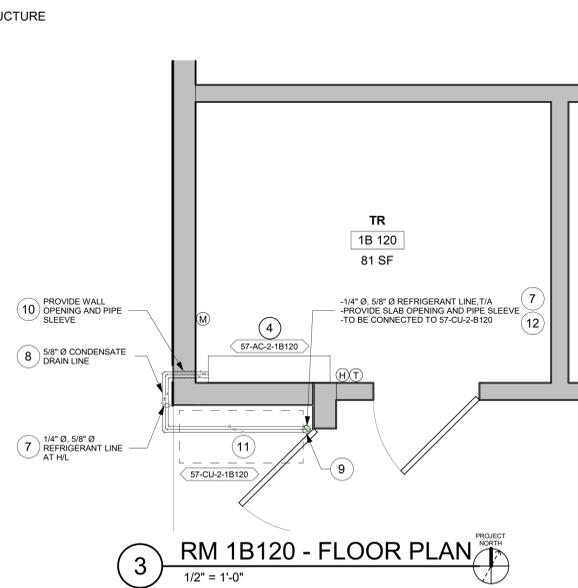
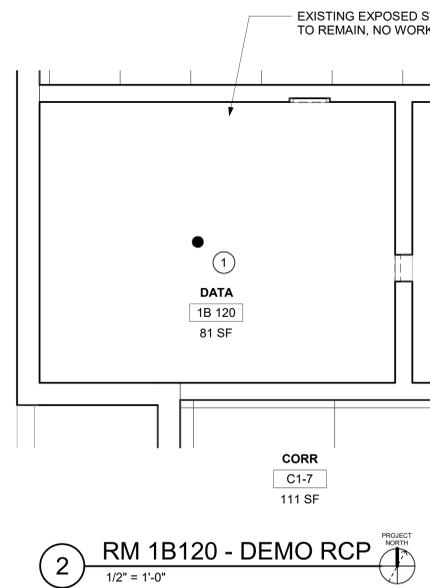
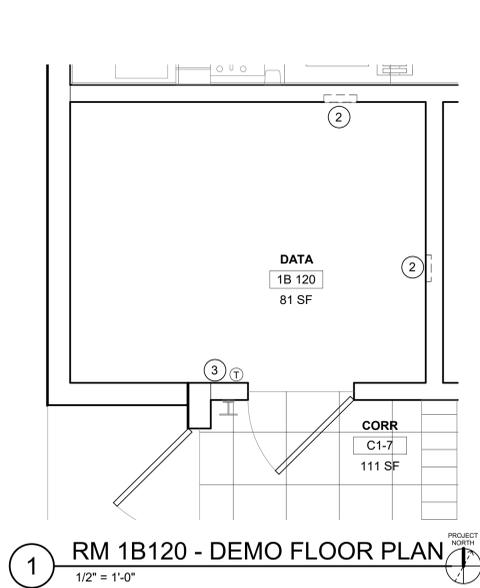
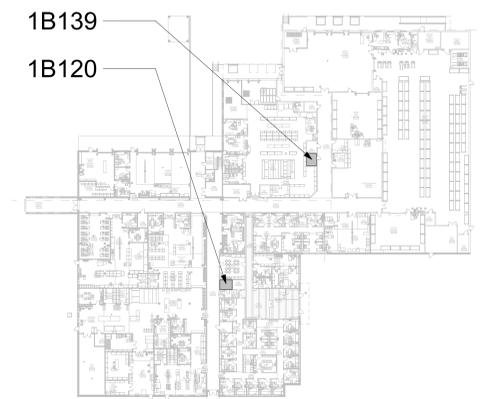
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5. SPRINKLER HEADS MUST BE REPLACED AT THE SAME TIME AS THE CEILING IS DEMOLISHED.

KEYNOTES #

1. DEMO SPRINKLER.
2. DEMO SUPPLY AND RETURN WALL GRILLES. CAP/SEAL DUCT AT WALL.
3. TEMPTRAK SENSOR TO REMAIN.
4. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
5. INSTALL NEW STANDARD RESPONSE SPRINKLER IN SAME LOCATION.
6. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
7. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
8. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
9. ROUTE CONDENSATE PIPING WITH REFRIGERANT PIPING TO ROOF. TERMINATE CONDENSATE TO DISCHARGE ON THE ROOF.
10. REFER TO M-502 FOR PIPE THRU WALL DETAIL.
11. REFER TO M-501 FOR CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL.
12. REFER TO M-501 FOR LINESET FLASHING DETAIL.

KEY PLAN

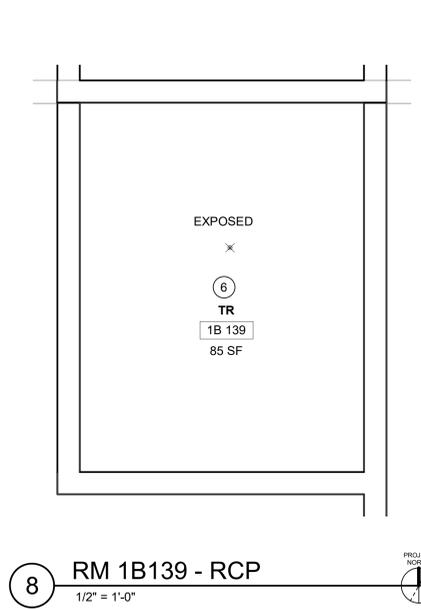
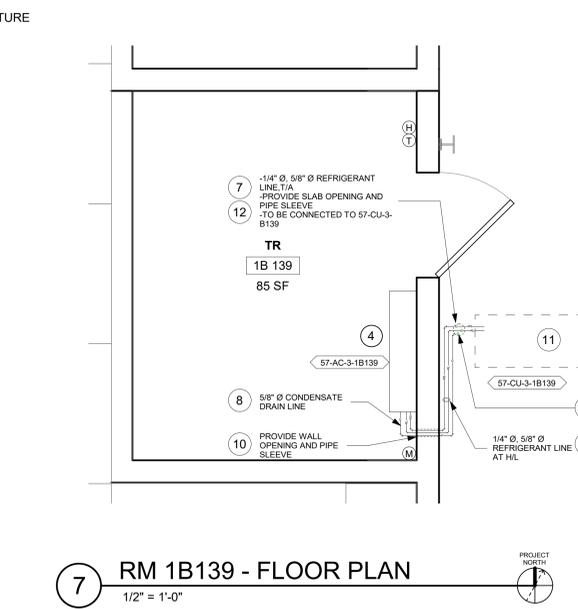
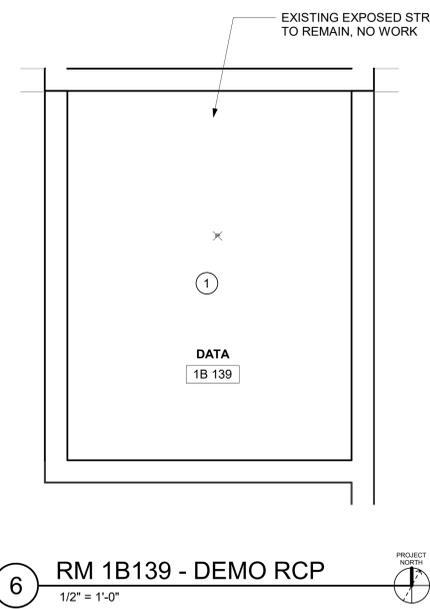
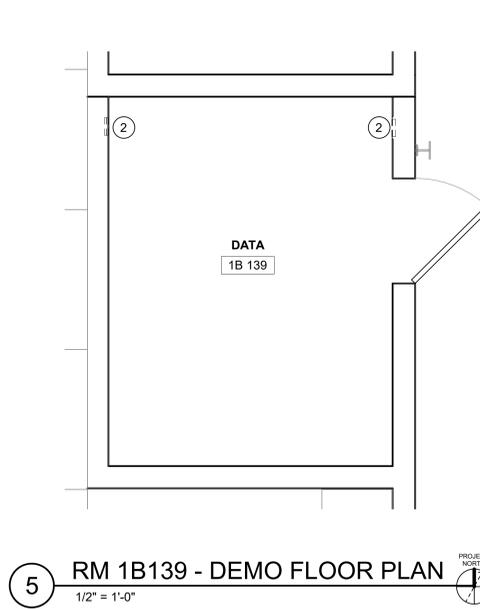


1 RM 1B120 - DEMO FLOOR PLAN
1/2" = 1'-0"

2 RM 1B120 - DEMO RCP
1/2" = 1'-0"

3 RM 1B120 - FLOOR PLAN
1/2" = 1'-0"

4 RM1B120 - RCP
1/2" = 1'-0"



5 RM 1B139 - DEMO FLOOR PLAN
1/2" = 1'-0"

6 RM 1B139 - DEMO RCP
1/2" = 1'-0"

7 RM 1B139 - FLOOR PLAN
1/2" = 1'-0"

8 RM 1B139 - RCP
1/2" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
BLDG 57 - FLOOR 01 - DEMO, FLOOR PLANS & RCPS
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
57
Drawing Number
57M-101
123 OF 435

GENERAL NOTES

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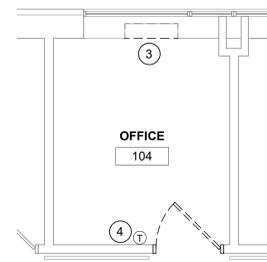
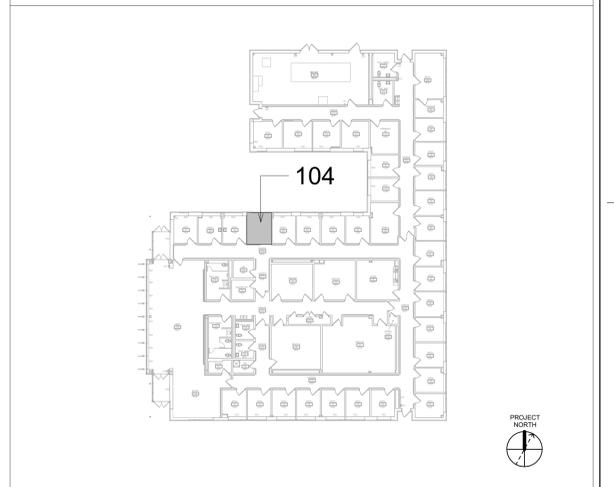
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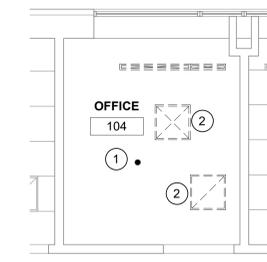
KEYNOTES #

1. REMOVE EXISTING SPRINKLER.
2. DEMO CEILING SUPPLY AND RETURN GRILLES AND DUCTWORK BACK TO TERMINAL UNIT.
3. DEMO HEATING CONVECTOR UNDER WINDOW. DEMO PIPING AND CAP BACK TO MAIN.
4. DEMO WALL TEMPERATURE SENSOR.
5. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
6. EXTEND NEW SPRINKLER LINE OFF EXISTING BRANCH LINE. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
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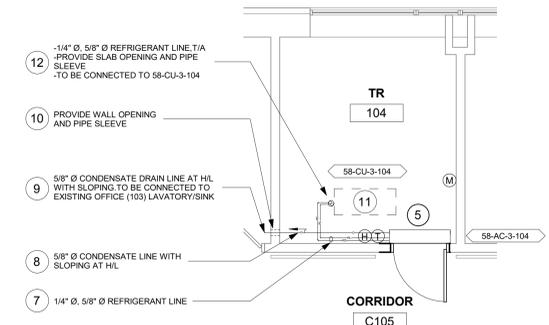
KEY PLAN



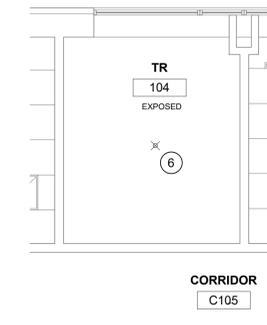
1 RM 104 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 104 - DEMO RCP
1/4" = 1'-0"



3 RM 104 - FLOOR PLAN
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4 RM 104 - RCP
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Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
BLDG 58 - FLOOR 01 - DEMO, FLOOR PLANS & RCPS

Approved:

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO

Issue Date
03/31/2022

Checked
MGH

Drawn
MM/OBJ/JCY

Project Number
657-21-701JB

Building Number
58

Drawing Number
58M-101

124 OF 435

GENERAL NOTES

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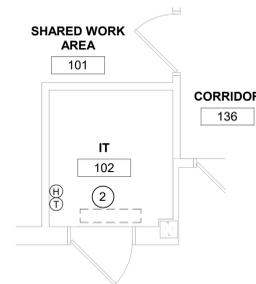
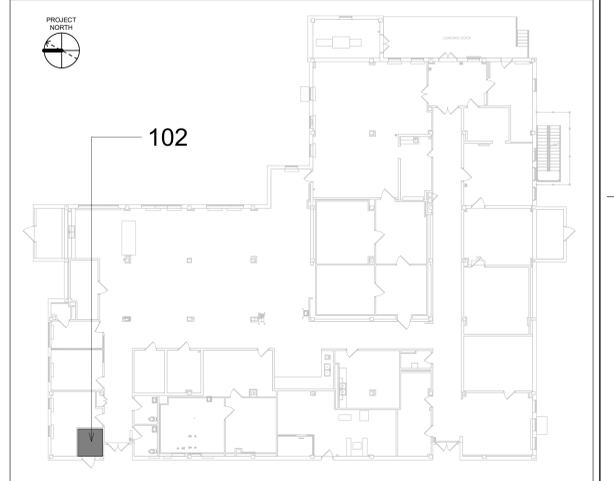
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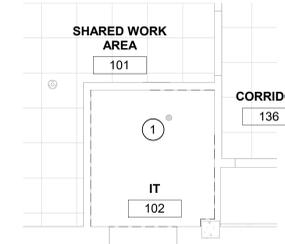
KEYNOTES #

1. REMOVE EXISTING SPRINKLER.
2. DEMO EXISTING DUCTLESS SPLIT SYSTEM, TURN OVER TO COR. DEMO REFRIGERANT AND CONDENSATE LINES.
3. INSTALL NEW DUCTLESS SPLIT SYSTEM IN SAME LOCATION.
4. EXTEND NEW SPRINKLER LINE OFF EXISTING BRANCH LINE. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
5. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PIPE ROUTING TO COORDINATE WITH CIVIL/STRUCTURAL AND OTHER SERVICES).
6. INSTALL NEW CONDENSATE DRAIN LINE. PROVIDE PIPE INSULATION AND PIPE SUPPORT. PIPE ROUTING TO COORDINATE WITH CIVIL/STRUCTURAL AND OTHER SERVICES. PITCH THE CONDENSATE DRAIN LINE IN THE DIRECTION OF FLOW. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
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9. REFER TO M-501 FOR CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL.
10. REFER TO M-501 FOR LINESET FLASHING DETAIL.

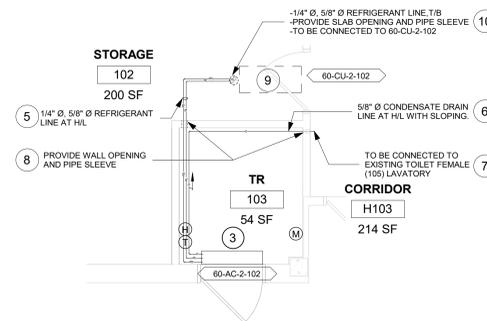
KEY PLAN



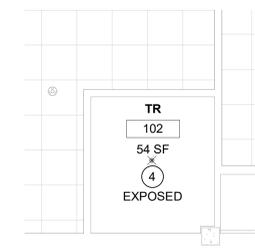
1 RM 102 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 102 - DEMO RCP
1/4" = 1'-0"



3 RM 102 - FLOOR PLAN
1/4" = 1'-0"



4 RM 102 - RCP
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES



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

Drawing Title	BLDG 60 - FLOOR 01 - DEMO, FLOOR PLANS & RCPS
Approved:	

Phase	CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED

Project Title	EHRM INFRASTRUCTURE UPGRADES
Location	ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date	03/31/2022
Checked	MGH
Drawn	MM/OBJ/JCY

Project Number	657-21-701JB
Building Number	60
Drawing Number	60M-101
	125 OF 435

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, VA STANDARDS AND SPECIFICATIONS.
3. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
4. COORDINATE INSTALLATION OF EQUIPMENT AND MATERIALS WITH OTHER TRADES. DO NOT ROUTE CONDENSATE PIPING OVER ELECTRICAL PANELS OR ELECTRONIC EQUIPMENT.
5. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND OWNER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
6. IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRE STOPPED AT THE END OF THE WORK SHIFT, TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SHALL BE INSTALLED IN THE PENETRATION TO PROVIDE PROTECTION AGAINST FIRE/SMOKE SPREAD THROUGH THE UNSEALED PENETRATION.

DEMOLITION GENERAL NOTES

1. REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED.
3. PROTECTION: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST AND DEBRIS. ENSURE THE SAFE PASSAGE OF PERSONS IN AND AROUND BUILDING DURING DEMOLITION. PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY. PROVIDE ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE. IMMEDIATELY REPAIR DAMAGED PROPERTY TO THE CONDITION BEFORE BEING DAMAGED. TAKE EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
5. REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS. AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

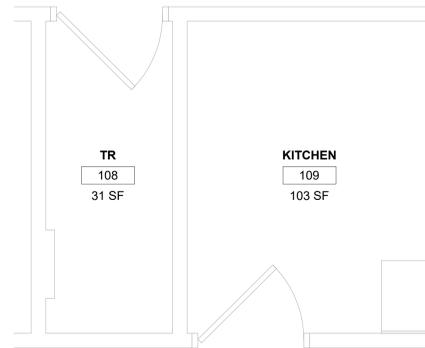
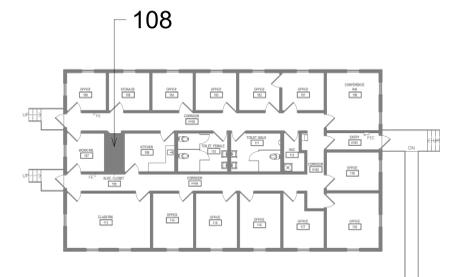
FIRE PROTECTION NOTES

1. ALL TELECOM ROOMS TO HAVE EXISTING QUICK RESPONSE SPRINKLERS REPLACED WITH STANDARD RESPONSE SPRINKLERS.
2. ROOMS THAT DON'T HAVE CEILINGS (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE.
3. ROOMS WITH FINISHED CEILINGS SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
4. TELECOM ROOMS CONSIDERED LIGHT HAZARD FOR SPRINKLER HEAD DENSITY. SPRINKLER HEADS MUST BE REPLACED AT THE SAME TIME AS THE CEILING IS DEMOLISHED.

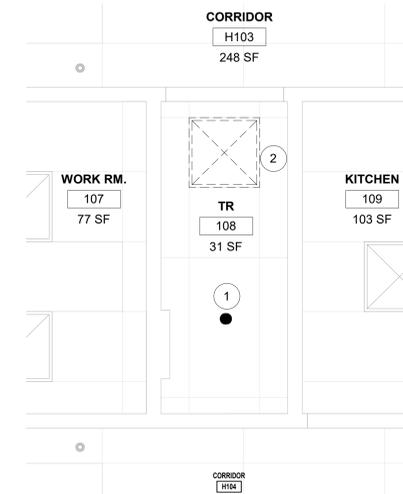
KEYNOTES #

1. DEMO SPRINKLER.
2. DEMO CEILING SUPPLY GRILLE. DEMO DUCT TO MAIN. CAP/SEAL MAIN DUCT.
3. INSTALL NEW STANDARD RESPONSE SPRINKLER.
4. INSTALL NEW IN-LINE TRANSFER FAN. PROVIDE TEMPERATURE AND HUMIDITY SENSOR BY CONTROL CONTRACTOR. REFER TO M-501 FOR IN-LINE CEILING TRANSFER FAN DETAIL.
5. PROVIDE CEILING GRILLES. REFER TO M-502 FOR SUPPLY GRILLE AND INTAKE GRILLE SIZE.
6. REFER TO M-501 FOR FLEXIBLE DUCT CONNECTION DETAIL.
7. REFER TO M-501 FOR DIFFUSER BOX DETAIL.
8. REFER TO M-501 FOR ROUND DUCT THRU WALL DETAIL.

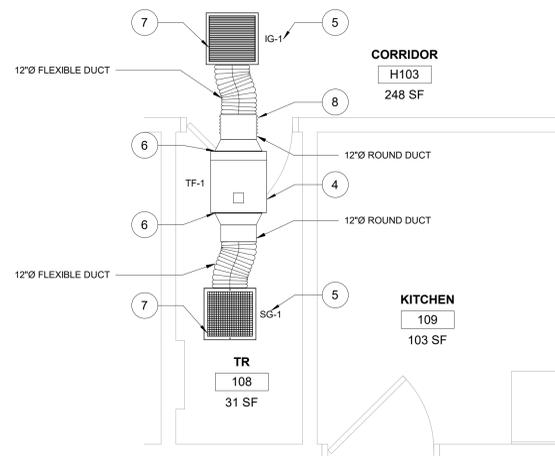
KEY PLAN



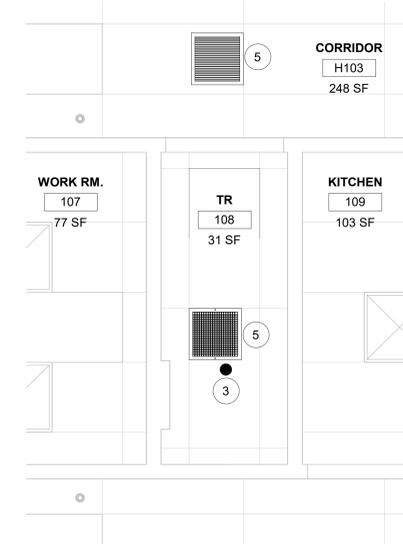
1 RM 108 - DEMO FLOOR PLAN
1/2" = 1'-0"



2 RM 108 - DEMO RCP
1/2" = 1'-0"



3 RM 108 - FLOOR PLAN
1/2" = 1'-0"

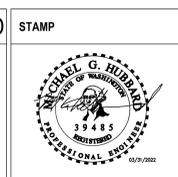


4 RM 108 - RCP
1/2" = 1'-0"

Revisions:	Date:

CONSULTANT
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE, STE 301
SEATTLE, WA 98104
(206) 590-2118
RAY SPEES



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

Drawing Title
BLDG 60T - FLOOR 1 - DEMO, FLOOR PLANS & RCPS
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
MGH
Drawn
MM/OBJ/JCY

Project Number
657-21-701JB
Building Number
60T
Drawing Number
60TM-101
126 OF 435

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
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3. PROTECTION: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST AND DEBRIS. ENSURE THE SAFE PASSAGE OF PERSONS IN AND AROUND BUILDING DURING DEMOLITION. PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY. PROVIDE ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE. IMMEDIATELY REPAIR DAMAGED PROPERTY TO THE CONDITION BEFORE BEING DAMAGED. TAKE EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
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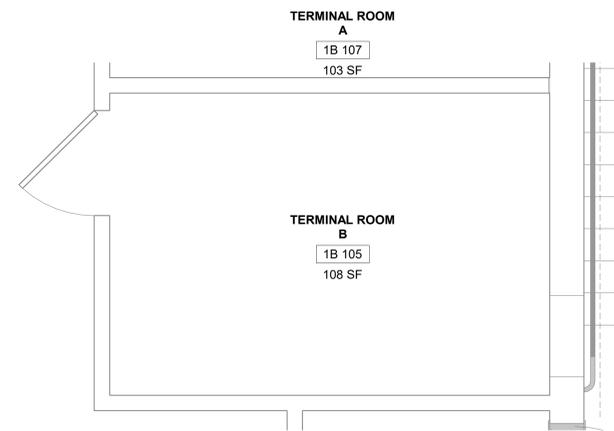
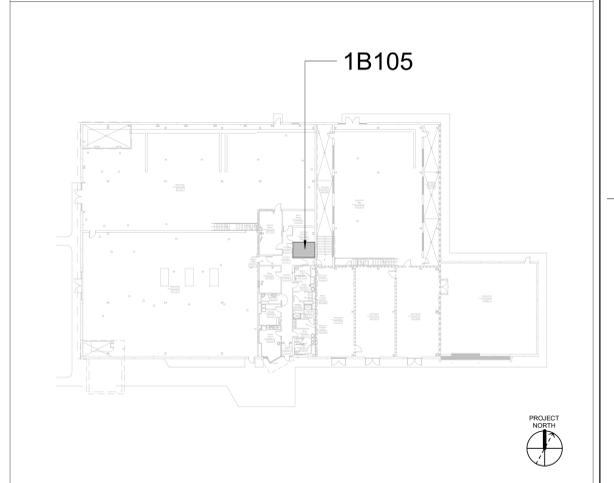
FIRE PROTECTION NOTES

1. ALL TELECOM ROOMS TO HAVE EXISTING QUICK RESPONSE SPRINKLERS REPLACED WITH STANDARD RESPONSE SPRINKLERS.
2. ROOMS THAT DON'T HAVE CEILINGS (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE.
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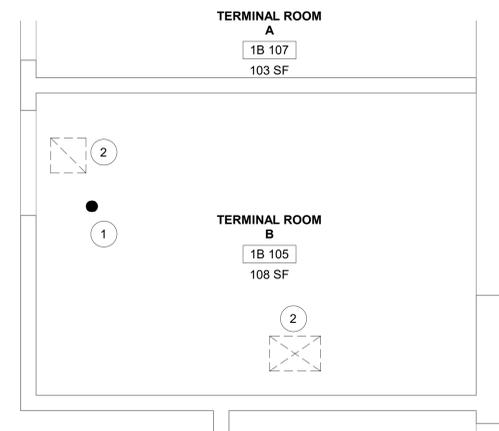
KEYNOTES #

1. REMOVE EXISTING SPRINKLER.
2. DEMO SUPPLY AND RETURN GRILLES AND DUCTWORK BACK TO MAIN. CAP/SEAL MAIN DUCT.
3. INSTALL NEW DUCTLESS SPLIT COOLING UNIT.
4. EXTEND NEW SPRINKLER LINE OFF EXISTING BRANCH LINE. INSTALL NEW STANDARD RESPONSE SPRINKLER IN UPRIGHT POSITION. PROVIDE CAGE GUARD.
5. INSTALL NEW REFRIGERANT LINES (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT.
6. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE INSULATION. PROVIDE PIPE SUPPORT. PROVIDE CLEANOUTS AT EACH TURN IN THE DIRECTION OF FLOW.
7. ROUTE CONDENSATE PIPING WITH REFRIGERANT PIPING TO ROOF. TERMINATE CONDENSATE TO DISCHARGE ON THE ROOF.
8. REFER TO M-501 FOR CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL.
9. REFER TO M-501 FOR LINESET FLASHING DETAIL.

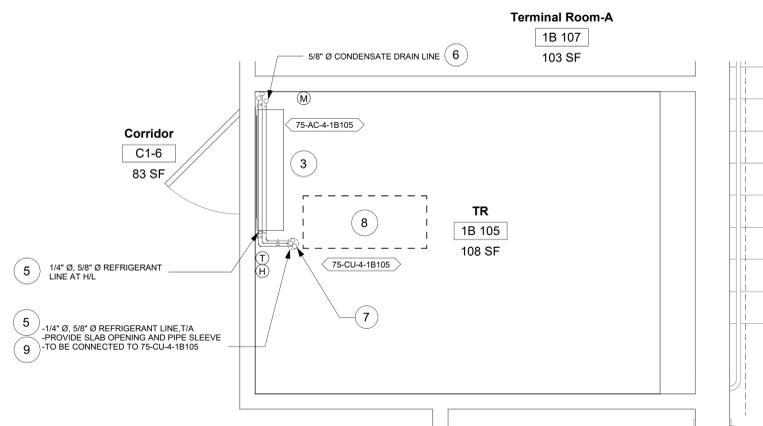
KEY PLAN



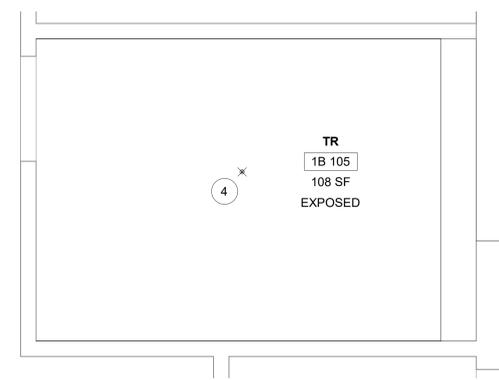
1 RM 1B105 - DEMO FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



2 RM 1B105 - DEMO RCP
1/2" = 1'-0" PROJECT NORTH

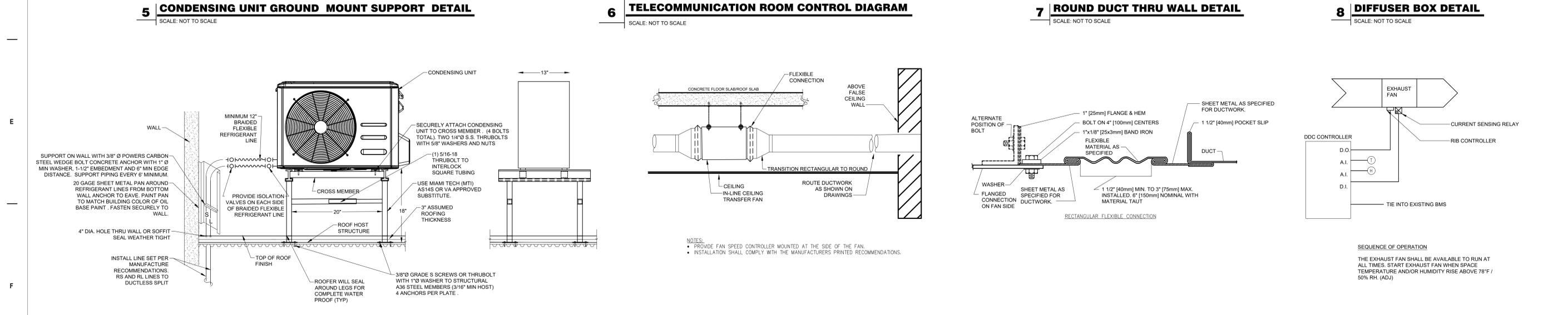
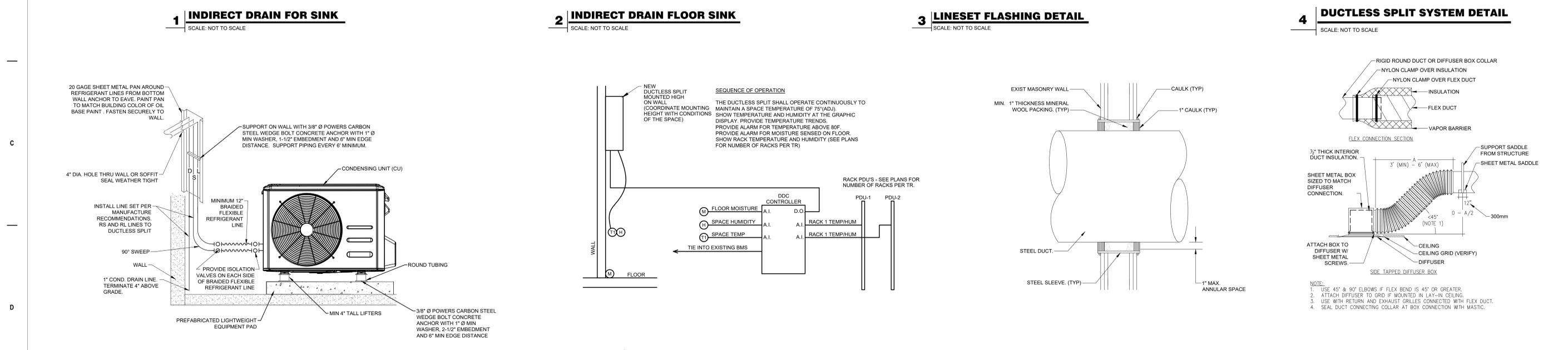
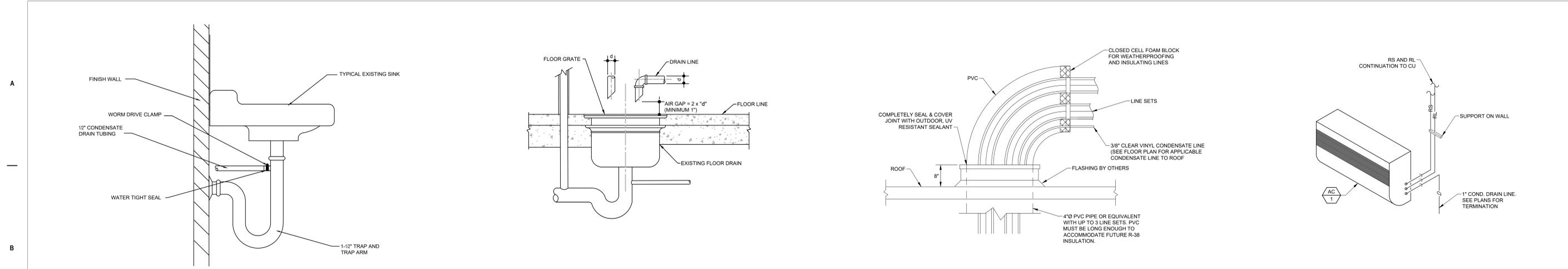


3 RM 1B105 - FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



4 RM 1B105 - RCP
1/2" = 1'-0" PROJECT NORTH

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title	Phase	Project Title	Project Number
		ENGINEERING DISCIPLINE:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES 			BLDG 75 - FLOOR 01 - DEMO, FLOOR PLANS & RCPS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
						Approved:	FULLY SPRINKLERED	Location	Drawing Number
								ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	75M-101
								Issue Date	127 OF 435
								03/31/2022	
								Checked	
								MM/0BJJCY	
								Drawn	



Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
		ENGINEERING DISCIPLINE:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES		U.S. Department of Veterans Affairs	MECHANICAL DETAILS AND CONTROLS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
						Approved:		Location	Drawing Number
								ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	M-501
								Issue Date	Checked
								03/31/2022	MMH/OBJ/JUCY
								Drawn	128 OF 435

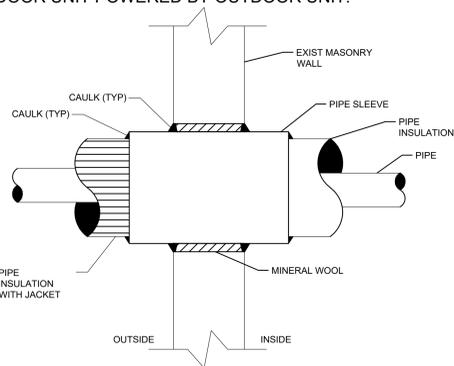
SCHEDULE OF GRILLES					
TAG	BASIS OF DESIGN MFG	MODEL	NOMINAL DUCT SIZE (IN)	AIR FLOW (CFM)	FACE SIZE (IN)
SG-1	TITUS	300RS-DOUBLE DEFLECTION MODEL	16 X 16 - SUPPLY GRILLE	810	17 3/4" X 17 3/4"
IG-1	TITUS	35OZRS-0° DEFLECTION MODEL	16 X 16- INTAKE GRILLE	810	17 3/4" X 17 3/4"

SCHEDULE OF FAN						
TAG	BASIS OF DESIGN MFG	DESCRIPTION	MODEL	CFM RANGE	FAN STATIC PRESSURE RANGE (IN WG.)	ELECTRICAL
TF-1	GREENHECK	IN-LINE CENTRIFUGAL FAN	SQ-120-Direct Drive	1128-1948	0-1.375	115V/1PH/60HZ

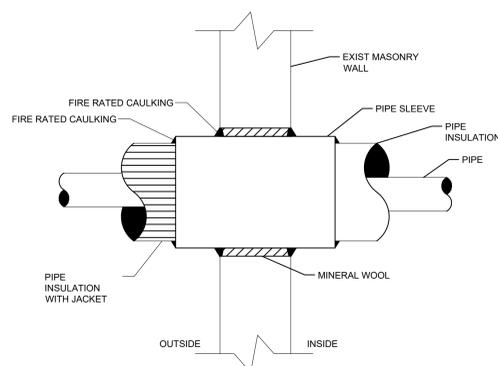
1. PROVIDE FAN SPEED CONTROLLER MOUNTED AT THE SIDE OF THE FAN.

DUCTLESS SPLIT COOLING UNIT SCHEDULE																		
INDOOR UNIT (WALL MOUNTED)									OUTDOOR UNIT									
TAG	BASIS OF DESIGN MFG	MODEL #	OPERATING WEIGHT (LBS)	CFM RANGE	RATED COOLING (BTU/H)	ELECTRICAL		TAG	BASIS OF DESIGN MFG	MODEL #	OPERATING WEIGHT (LBS)	SEER	AMBIENT AIR OPERATING RANGE (°F)	ELECTRICAL			NOTES	
						VOLT-PH	FLA							VOLT-PH	MCA	MOCP		
AC-1								CU-1										NOT USED
AC-2	Daikin	FTX24NMVJU	27	403-713	21,200	208V-1PH	0.30	CU-2	Daikin	RX24NMVJU	108	18	-4°F - 115°F	208V-1PH	18.3	20		1,2,3,4,5,6,7,8,9
AC-3	Daikin	FTX30NVJU	38	512-890	31,400	208V-1PH	0.37	CU-3	Daikin	RK30NMVJUA	133	17.5	-22°F - 115°F	208V-1PH	17	20		1,2,3,4,5,6,7,8,9
AC-4	Daikin	FTX36NVJU	38	512-915	34,400	208V-1PH	0.37	CU-4	Daikin	RK36NMVJUA	133	15.9	-22°F - 115°F	208V-1PH	17	20		1,2,3,4,5,6,7,8,9

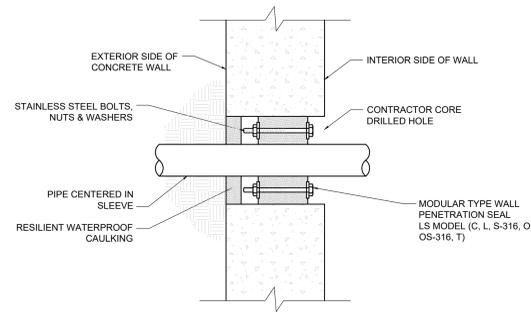
1. BASES OF DESIGN -OTHER EQUIVALENT UNITS THAT MEET SPECIFICATIONS AND MADE IN THE U.S.A. REQUIREMENTS MAY BE SUBMITTED FOR REVIEW.
2. PROVIDE WITH BACNET CONTROL INTERFACE. SEE SPECIFICATIONS AND CONTROL DIAGRAM FOR ADDITIONAL INFORMATION. PROVIDE WITH TEMPERATURE AND HUMIDITY SENSOR.
3. PROVIDE LOW AMBIENT CONTROLS & CRANK CASE HEATER.
4. PROVIDE SEISMIC EQUIPMENT STAND FOR ROOF MOUNTED CONDENSING UNIT.
5. PROVIDE LIGHTWEIGHT PRECAST EQUIPMENT PAD FOR GROUND MOUNTED CONDENSING UNIT.
6. PROVIDE FACTORY WALL MOUNTING HARDWARE.
7. PROVIDE SLIDE-IN AIR FILTER.
8. PROVIDE CONDENSATE DRAIN PUMP.
9. INDOOR UNIT POWERED BY OUTDOOR UNIT.



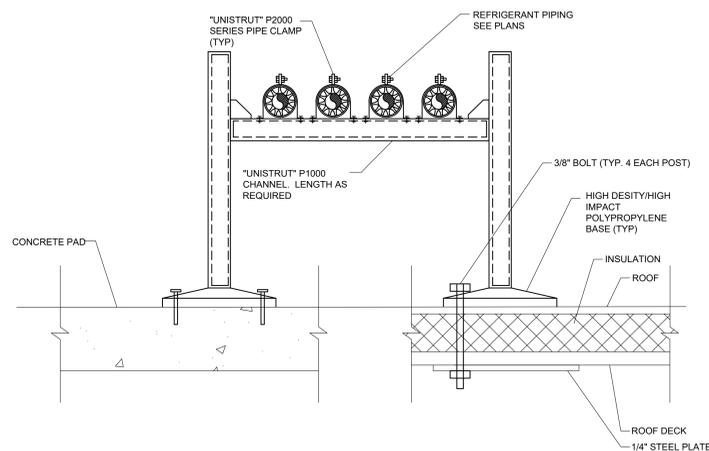
1 PIPE THRU WALL
SCALE: NOT TO SCALE



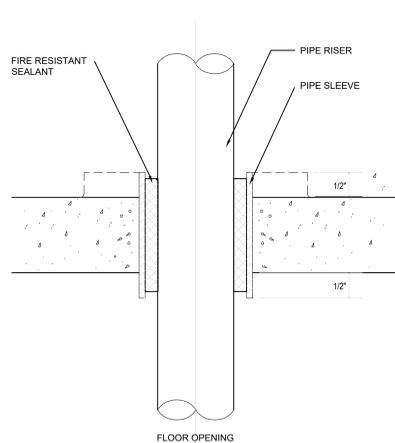
2 PIPE THRU FIRE RATED WALL DETAIL
SCALE: NOT TO SCALE



3 PIPE PENETRATION THROUGH WALLS BELOW GRADE
SCALE: NOT TO SCALE



4 PIPE ROOF MOUNTING DETAIL
SCALE: NOT TO SCALE



5 PIPE THRU FLOOR DETAIL
SCALE: NOT TO SCALE

DUCTLESS SPLIT SYSTEM REFERENCE TABLE							
Building No.	Floor	ROOM NUMBER	INDOOR UNIT TAG	CONDENSING UNIT TAG	CONDENSING UNIT LOCATION	ROOF TYPE	REFERENCED DETAIL
1	0	GC12	Existing cooling to remain in service		NA	NA	NA
	1	C102D	AC-3	CU-3	Roof	Asphalt	1/A-603
		1E 15	AC-3	CU-3	Ground	NA	NA
	2	2C10A	AC-3	CU-3	Roof	Asphalt	1/A-603
3		E303	Existing cooling to remain in service		NA	NA	NA
		3C13	AC-3	CU-3	Roof	Asphalt	1/A-603
2	0	G04	Existing cooling to remain in service		NA	NA	NA
	1	111	AC-3	CU-3	Ground	NA	NA
	2	209	AC-2	CU-2	Ground	NA	NA
	3	308	AC-3	CU-3	Ground	NA	NA
3	0	B025	AC-3	CU-3	Ground	NA	NA
	1	117	AC-3	CU-3	Ground	NA	NA
	2	224A	AC-3	CU-3	Ground	NA	NA
18	0	011A	AC-3	CU-3	Ground	NA	NA
	1	119	AC-3	CU-3	Ground	NA	NA
	2	213	AC-3	CU-3	Ground	NA	NA
	3	312	AC-2	CU-2	Ground	NA	NA
23	0	G09B	AC-3	CU-3	Roof	TPO	TBD
	1	121A	AC-3	CU-3	Roof	TPO	TBD
24	0	G02A	AC-3	CU-3	Ground	NA	NA
	1	114B	AC-3	CU-3	Ground	NA	NA
25	2	205A	AC-3	CU-3	Ground	NA	NA
	1	117A	AC-3	CU-3	Ground	NA	NA
	2	204B	AC-3	CU-3	Ground	NA	NA
51	3	313A	AC-2	CU-2	Ground	NA	NA
	0	BE111	AC-3	CU-3	Roof	Asphalt	1/A-603
	1FA	1A139	AC-3	CU-3	Roof	Asphalt	1/A-603
52	1FB				Roof	Asphalt	1/A-603
	1FC	1A183	AC-4	CU-4	Roof	Asphalt	1/A-603
	1FE				Roof	Asphalt	1/A-603
	1FD	1A102	AC-3	CU-3	Roof	Asphalt	1/A-603
53	0	GN29A	AC-3	CU-3	Roof	Asphalt	1/A-603
	1	1N82A	AC-3	CU-3	Roof	Asphalt	1/A-603
	2	1533	AC-3	CU-3	Roof	Asphalt	1/A-603
	2	2553	AC-3	CU-3	Roof	Asphalt	1/A-603
55	2	2N91	AC-3	CU-3	Roof	Asphalt	1/A-603
	0	GS10	AC-2	CU-2	Roof	TPO	TBD
	1	GS02A	AC-3	CU-3	Roof	TPO	TBD
	1	1S002	AC-3	CU-3	Roof	TPO	TBD
56	2	1S011	AC-3	CU-3	Roof	TPO	TBD
	2	2S001	AC-3	CU-3	Roof	TPO	TBD
	1FA	1A129	AC-3	CU-3	Roof	TPO	TBD
	1FB	1B104	AC-3	CU-3	Roof	TPO	TBD
57	1FC	1C132	AC-2	CU-2	Roof	TPO	TBD
	2FA	2A136	AC-3	CU-3	Roof	TPO	TBD
	2FB	2C144	AC-3	CU-3	Roof	TPO	TBD
58	3FA	3A120	AC-3	CU-3	Roof	TPO	TBD
	3FB	3C149	AC-3	CU-3	Roof	TPO	TBD
	0	BA105	AC-4	CU-4	Roof	TPO	TBD
60	1	1A109	AC-4	CU-4	Roof	TPO	TBD
	2	2A122	AC-4	CU-4	Roof	TPO	TBD
	3	3A122	AC-4	CU-4	Roof	TPO	TBD
75	1F	1B139	AC-3	CU-3	Roof	TPO	TBD
	1F	1B120	AC-2	CU-2	Roof	TPO	TBD
	1F	104	AC-3	CU-3	Roof	TPO	TBD
	1F	102	AC-2	CU-2	Roof	Asphalt	1/A-603
	1F	1B105	AC-4	CU-4	Roof	TPO	TBD

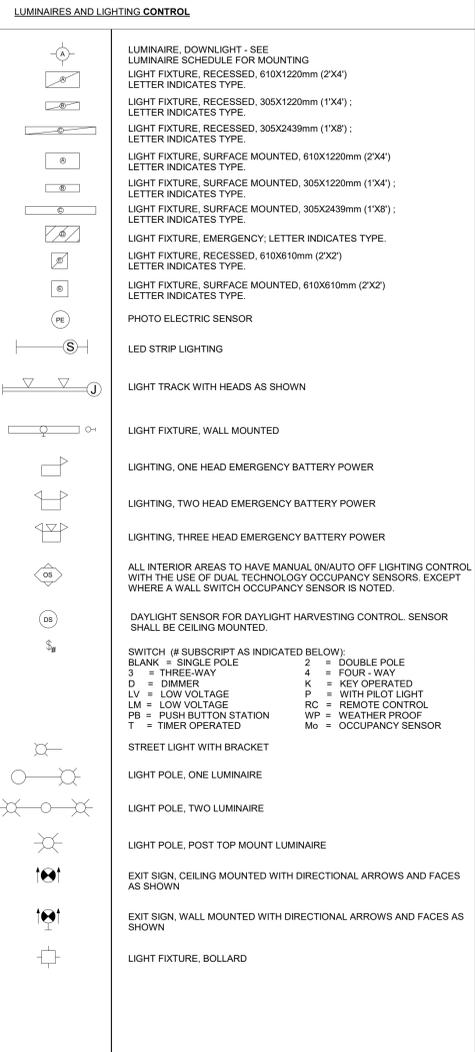
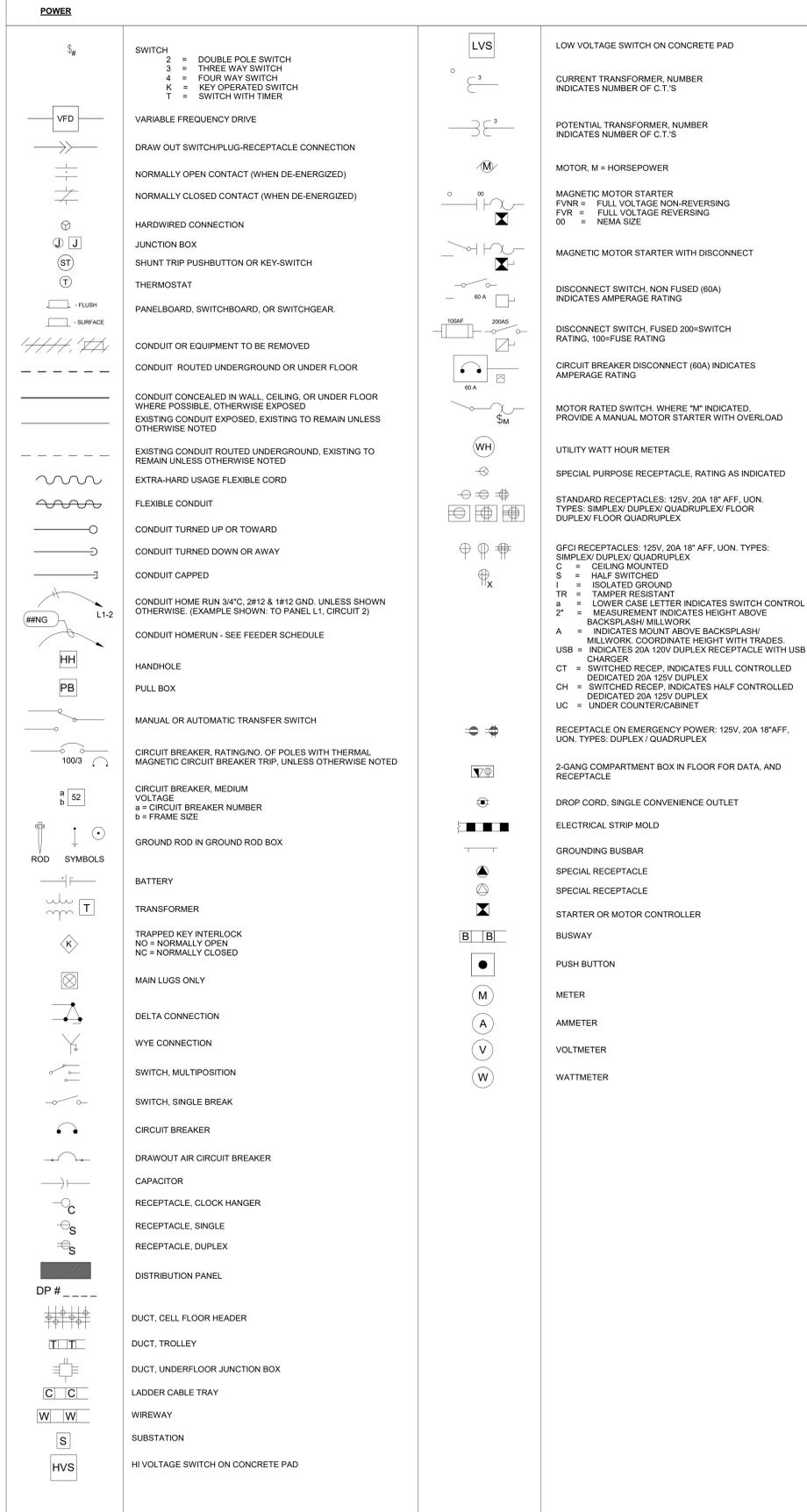
CONSULTANT ENGINEERING DISCIPLINE:		ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES		STAMP 	Office of Construction and Facilities Management 	Drawing Title MECHANICAL DETAILS AND SCHEDULES Approved:	Phase CONSTRUCTION DOCUMENTS	Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB Building Number		
Revisions:		Date:				Approved:	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Issue Date 03/31/2022	Checked MGH	Drawn MM/OB/JJCY	Drawing Number M-502 129 OF 435

GENERAL NOTES

ELECTRICAL LEGEND

ABBREVIATIONS

- "GENERAL NOTES" APPLY TO ALL ELECTRICAL DRAWINGS. "SHEET NOTES" APPLY TO ONLY THE SHEETS ON WHICH THEY OCCUR. "KEYNOTES" APPLY ONLY WHERE CALLED OUT.
- ALL EQUIPMENT SHOWN IN BOLD IS TO BE PROVIDED, OR MODIFIED BY CONTRACTOR UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PROVIDE CONDUIT AND WIRE FROM ALL CONTROL DEVICES TO LUMINAIRES FOR CONTROL OF LUMINAIRES SHOWN.
- LUMINAIRES SHOWN ON DRAWINGS FOR QUALITY AND CIRCUITING ONLY. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS.
- ALL FEEDERS AND BRANCH CIRCUITS SHALL CONTAIN AN EQUIPMENT GROUND CONDUCTOR SIZED PER NEC TABLE 250.122. ALL WIRING IS BASED ON COPPER PER NEC TABLE 310.15(B), USING 75° C AMPACITIES FOR FEEDERS.
- BRANCH CIRCUIT CONDUCTORS, NOT OTHERWISE IDENTIFIED SHALL BE A MINIMUM 12 AWG FOR RUNS 70 FEET OR LESS AND A MINIMUM 10 AWG FOR RUNS GREATER THAN 70 FEET. QUANTITY AND SIZE SHALL BE "AS REQUIRED" TO SERVE AND CONTROL DEVICES OR EQUIPMENT WITH A MAXIMUM VOLTAGE DROP OF THREE PERCENT. WHERE CONTRACTOR CHOOSES TO RUN MORE THAN THREE CURRENT CARRYING CONDUCTORS WITHIN ONE RACEWAY OR CABLE, CONDUCTORS SHALL BE INCREASED IN SIZE TO COMPENSATE FOR THE DERATING REQUIRED PER NEC SECTION 310.15. CONDUCTOR AMPACITIES SHALL BE TAKEN FROM THE 75° C COLUMN.
- MINIMUM CONDUIT SIZE IN EXTERIOR AND UNDERGROUND LOCATIONS TO BE 1" UNLESS NOTED OTHERWISE ON PLANS. CONDUITS FROM LUMINAIRES TO LOCAL USER CONTROL DEVICES (SWITCHES, OCCUPANCY SENSORS, ETC.) MAY BE 3/4" OR AS INDICATED IN SPECIFICATIONS. PROVIDE ADDITIONAL CONDUIT FOR UNSWITCHED "HOT" TO LIGHTING LUMINAIRES WITH EMERGENCY POWER BATTERIES OR GENERATOR TRANSFER DEVICES.
- WIRING FOR EMERGENCY LIGHTING CIRCUITS OR OTHER EMERGENCY EQUIPMENT SHALL BE KEPT ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND EQUIPMENT AND SHALL MEET ALL REQUIREMENTS OF NEC SECTION 700.10.
- CONTRACTORS SHALL PROVIDE CONDUIT AND WIRE FOR ALL CIRCUITS SHOWN ON DRAWINGS.
- WHERE EQUIPMENT PART NUMBERS ARE SHOWN ON THESE PLANS THEY SHALL SUPERCEDE THE REQUIREMENTS OF THE SPECIFICATIONS.
- ALL CONDUITS SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
- COORDINATE EXACT LOCATION OF ALL OUTLETS, COMBINATION CLOCK/SPEAKERS, SPEAKER, FA DEVICES, ETC., WITH THE ARCHITECTURAL ELEVATIONS PRIOR TO COMMENCING WORK.
- COORDINATE USE OF CEILING SPACE WITH ALL TRADES PRIOR TO COMMENCING WORK. MANY AREAS ARE VERY CONGESTED AND REQUIRE CLOSE COORDINATION.
- COORDINATE INSTALLATION REQUIREMENTS FOR OCCUPANCY SENSOR LIGHTING CONTROL WITH THE MANUFACTURER. PROVIDE ALL APPURTENANCES AS REQUIRED BY THE MANUFACTURER. PROVIDE ADDITIONAL SENSORS WHERE NECESSARY TO PROVIDE COMPLETE COVERAGE IN EACH ROOM CONTROLLED BY OCCUPANCY SENSORS.
- COORDINATE THE INSTALLATION OF ALL EXTERIOR OUTLET BOXES WITH THE TYPE OF MASONRY IN EACH AREA. CUT ALL FILLED BLOCKS SO THAT THE BOX IS INSTALLED FLUSH. SEE ARCHITECTURAL DETAILS FOR MOUNTING REQUIREMENTS.
- SEAL ALL CONDUIT PENETRATIONS OF FLOORS AND FIRE RATED ASSEMBLIES WITH U.L. APPROVED MATERIALS AND METHODS TO MAINTAIN FIRE RATING. PROTECT ALL OPENINGS FOR STEEL ELECTRICAL BOXES IN FIRE RATED WALLS WITH U.L. APPROVED MATERIALS AND METHODS TO MAINTAIN THE FIRE INTEGRITY.
- PROVIDE ADDITIONAL CONDUIT SLEEVES THROUGH WALLS WHERE REQUIRED FOR ROUTING OF SIGNAL SYSTEM WIRING NOT REQUIRED TO BE RUN IN CONDUIT. EACH SLEEVE SHALL BE DEDICATED TO EACH SIGNAL SYSTEM. SLEEVES ROUTED THROUGH RAISED FLOORS SHALL BE SEALED WITH U.L. MATERIALS AND METHODS TO MAINTAIN FIRE RATING OF WALL.
- SEE MECHANICAL PLUMBING DRAWINGS AND SUBMITTALS FOR EXACT LOCATIONS AND ADDITIONAL ELECTRICAL REQUIREMENTS PRIOR TO INSTALLATION.
- ALL LOW VOLTAGE SYSTEMS NOT RUN IN CONDUIT SHALL HAVE MINIMUM 3/4" CONDUIT. ROUTED FROM THE DEVICE THROUGH WALLS INTO THE ACCESSIBLE CEILING SPACE. NO CABLING SHALL BE ROUTED IN THE WALLS OR INACCESSIBLE LOCATION WITHOUT CONDUIT.
- GFCI RECEPTACLES ARE REQUIRED WITHIN 6 FT OF ALL SINKS, ON THE EXTERIOR BELOW 8 FT FROM THE FINISH FLOOR, AND ON ALL ROOFS.
- UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE COR.
- CONTRACTOR SHALL PROVIDE DUCT SEAL WHERE CONDUITS TRANSITION FROM AREAS THAT CREATE TEMPERATURE DIFFERENTIAL PER NEC.
- PRIMARY CONDUIT SWEEPS SHALL BE LONG RADIUS.
- ALL "RMC" - RIGID METAL CONDUIT IN CONTACT WITH THE EARTH SHALL BE WRAPPED WITH CORROSION PROTECTION TAPE PER NEC.
- ALL J-BOXES SHALL BE MARKED WITH INDELIBLE MARKER INDICATING CONDUIT NUMBER AND PANEL NUMBER.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL 120 VOLT POWER FOR THE MECHANICAL CONTROLS. COORDINATE EXACT REQUIREMENTS WITH THE CONTROL CONTRACTOR.
- ALL ELECTRICAL WORK SHALL BE COMPLETED WITH ALL PROXIMATE ELECTRICAL CIRCUITS DE-ENERGIZED (I.E. A NEW BREAKER OR CIRCUIT CANNOT BE ADDED TO A PANEL UNLESS THE PANEL IS COMPLETELY DE-ENERGIZED), OR THE CONTRACTOR MUST COMPLY WITH NFPA 70E FOR WORK ON ENERGIZED SERVICE. THE VA WILL DETERMINE IF THE ELECTRICAL SERVICE CAN BE SHUTDOWN OR IT WILL HAVE TO BE WORKED ON DEPENDING ON THE CRITICALITY OF THE AREA BEING AFFECTED. IF THE WORK MUST BE DONE WITH THE SERVICE LIVE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED PROTECTIVE TOOLS, EQUIPMENT AND CLOTHING, AND MUST FOLLOW THE JOB SPECIFIC WORK PLAN PREPARED BY THE VA. WORK THAT REQUIRES SHUTTING DOWN ELECTRICAL SERVICE MAY HAVE TO BE ACCOMPLISHED DURING OTHER THAN NORMAL DUTY HOURS.
- WHENEVER FIRE ALARM WORK TAKES PLACE IN AN AREA THAT IS BEING REMODELED, AT THE CONCLUSION OF THE WORK, THE FIRE ALARM CONTRACTOR SHALL TEST ALL FIRE ALARM DEVICES WITHIN THE AREA OF REMODEL.
- DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA AND ENGINEER OF SAID DISCREPANCY.
- CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES.
- FIELD VERIFY ALL RACEWAY DEMOLITION AND INSTALLATIONS PRIOR TO PERFORMING WORK.
- ALL ELECTRICAL WORK INCLUDING, BUT NOT LIMITED TO DEMOLITION AND NEW WORK, SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.
- ALL CRITICAL SYSTEMS SHALL REMAIN OPERATIONAL AT ALL TIMES. CONTRACTOR SHALL PROVIDE TEMPORARY POWER, INCLUDING BUT NOT LIMITED TO GENERATOR POWER, AS REQUIRED FOR CONDUCTING TEMPORARY SHUTDOWNS FOR CONSTRUCTION. CONTRACTOR SHALL PROVIDE A WORK PHASING PLAN AND A 30-DAY NOTICE PRIOR TO ANY SHUTDOWN FOR VA REVIEW AND APPROVAL.
- ALL ETHERNET CATEGORY CABLES SHALL FOLLOW THE FOLLOWING CABLE COLOR SCHEME: DATA SHALL BE TEAL, PHONES SHALL BE GRAY, AND (WIRELESS) ACCESS POINTS SHALL BE YELLOW. COORDINATE WITH VA FOR ALL CABLING COLOR SCHEMES AS REQUIRED PRIOR TO SUBMITTAL PROCESS.

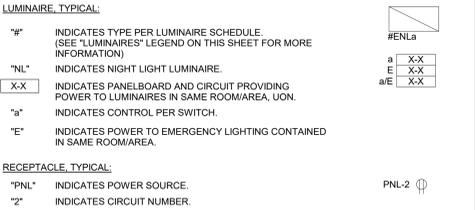


AFC	ABOVE FINISHED COUNTER	OC	ON CENTER
AFG	ABOVE FINISHED GRADE	OH	OVERHEAD
AMP	AMP FRAME	OS	OCCUPANCY SENSOR
AFI	ARC FLASH CIRCUIT INTERRUPTER	PIV	POST INDICATOR VALVE
AFB	ABOVE FINISHED FLOOR	PNL	PANEL
AFD	AMPERE INTERRUPTING CAPACITY	PS	POWER SUPPLY
AHJ	AUTHORITY HAVING JURISDICTION	PVC	POLYVINYL CHLORIDE
ATS	AUTOMATIC TRANSFER SWITCH	R	EXISTING TO BE REMOVED
C	CONDUIT OR COMMUNITY ANTENNA TELEVISION	RECP	RECEPTACLE
CATV	CIRCUIT BREAKER	RMC	RIGID METAL CONDUIT
CB	CLOSED CIRCUIT TELEVISION	SAC	SMALL APPLIANCE CIRCUIT
CC	CONNECTOR LIGHTING	SB, SWBdm	SWITCHBOARD
CO	CONDUIT ONLY	SC	SWITCHGEAR
DDC	DIRECT DIGITAL CONTROLS	SM	SMART METER
DP	DISTRIBUTION PANELBOARD	SPD	SURGE PROTECTIVE DEVICE
EC	EMPTY CONDUIT	TEL	TELEPHONE
EMER	EMERGENCY	TR	TAMPER RESISTANT
EN	EXISTING IN NEW LOCATION	TYP	TYPICAL
EMT	ELECTRICAL METALLIC TUBING	UJON	UNLESS OTHERWISE NOTED
ER	EXISTING TO REMAIN	UL	UNDERWRITERS LABORATORIES
EX	EXISTING	UG	UNDERGROUND
FAAP	FIRE ALARM ANNUNCIATOR PANEL	VD	VOLTAGE DROP
FACP	FIRE ALARM CONTROL PANEL	VFD	VARIABLE FREQUENCY DRIVE
FCIO	FURNISHED BY CONTRACTOR, INSTALLED BY OWNER	W	WEATHERPROOF (WHILE IN USE)
FOIC	FURNISHED BY CONTRACTOR, INSTALLED BY OWNER	WP	WEATHERPROOF
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	XFMR	TRANSFORMER
GFP	GROUND FAULT PROTECTION		
GND	GROUND		
HTR	HEATER		
IG	ISOLATED GROUND		
IMC	INTERMEDIATE METAL CONDUIT		
J-BOX	LIGHTING CONTROL PANEL		
LCP	MINIMUM CIRCUIT AMPACITY		
MCA	MAIN CIRCUIT BREAKER		
MCC	MAIN DISTRIBUTION PANEL		
MD	MOTOR STARTER		
MLO	MOUNTED		
MS	MOUNTED		
MTD	NOTIFICATION APPLIANCE CABINET		
NAC	NATIONAL ELECTRICAL CODE		
NEC	NOT FOR CONSTRUCTION		
NFC	NOT IN CONTRACT		
NIC	NIGHT LIGHT		
NL	NIGHT LIGHT		
NTS	NOT TO SCALE		

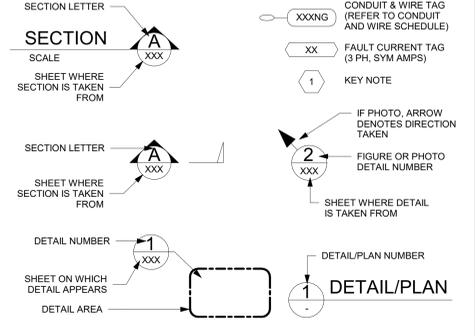
ELECTRICAL SHEET INDEX

EPG001 - ELECTRICAL LEGEND, GENERAL NOTES, AND ABBREVIATIONS	51EP400 - BLDG 51 - FLOOR 0 - ENLARGED ELECTRICAL PLANS
01EP100 - BLDG 01 - FLOOR 0 - ELECTRICAL PLAN	51EP401a - BLDG 51 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
01EP101 - BLDG 01 - FLOOR 1 - ELECTRICAL PLAN	51EP401b - BLDG 51 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
01EP102 - BLDG 01 - FLOOR 2 - ELECTRICAL PLAN	51EP402 - BLDG 51 - ENLARGED ROOF PLANS
01EP103 - BLDG 01 - FLOOR 3 - ELECTRICAL PLAN	51EP401a - BLDG 51 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
02EP100 - BLDG 02 - FLOOR 0 - ELECTRICAL PLAN	52EP400 - BLDG 52 - FLOOR 0 - ENLARGED ELECTRICAL PLANS
02EP101 - BLDG 02 - FLOOR 1 - ELECTRICAL PLAN	52EP401a - BLDG 52 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
02EP102 - BLDG 02 - FLOOR 2 - ELECTRICAL PLAN	52EP401b - BLDG 52 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
02EP103 - BLDG 02 - FLOOR 3 - ELECTRICAL PLAN	52EP402a - BLDG 52 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
03EP100 - BLDG 03 - FLOOR 0 - ELECTRICAL PLAN	52EP402b - BLDG 52 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
03EP101 - BLDG 03 - FLOOR 1 - ELECTRICAL PLAN	52EP403 - BLDG 52 - ENLARGED ROOF PLANS
03EP102 - BLDG 03 - FLOOR 2 - ELECTRICAL PLAN	53EP400 - BLDG 53 - FLOOR 0 - ENLARGED ELECTRICAL PLANS
03EP103 - BLDG 03 - FLOOR 3 - ELECTRICAL PLAN	53EP400a - BLDG 53 - FLOOR 0 - ENLARGED ELECTRICAL PLANS
04EP100 - BLDG 04 - FLOOR 0 - ELECTRICAL PLAN	53EP401a - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
04EP101 - BLDG 04 - FLOOR 1 - ELECTRICAL PLAN	53EP401b - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
04EP102 - BLDG 04 - FLOOR 2 - ELECTRICAL PLAN	53EP402 - BLDG 53 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
04EP103 - BLDG 04 - FLOOR 3 - ELECTRICAL PLAN	53EP403 - BLDG 53 - ENLARGED ROOF PLANS
05EP100 - BLDG 05 - FLOOR 0 - ELECTRICAL PLAN	53EP401a - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
05EP101 - BLDG 05 - FLOOR 1 - ELECTRICAL PLAN	53EP401b - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
05EP102 - BLDG 05 - FLOOR 2 - ELECTRICAL PLAN	53EP402a - BLDG 53 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
05EP103 - BLDG 05 - FLOOR 3 - ELECTRICAL PLAN	53EP402b - BLDG 53 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
06EP100 - BLDG 06 - FLOOR 0 - ELECTRICAL PLAN	53EP403 - BLDG 53 - ENLARGED ROOF PLANS
06EP101 - BLDG 06 - FLOOR 1 - ELECTRICAL PLAN	53EP401a - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
06EP102 - BLDG 06 - FLOOR 2 - ELECTRICAL PLAN	53EP401b - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
06EP103 - BLDG 06 - FLOOR 3 - ELECTRICAL PLAN	53EP402 - BLDG 53 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
07EP100 - BLDG 07 - FLOOR 0 - ELECTRICAL PLAN	53EP401a - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
07EP101 - BLDG 07 - FLOOR 1 - ELECTRICAL PLAN	53EP401b - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
07EP102 - BLDG 07 - FLOOR 2 - ELECTRICAL PLAN	53EP402 - BLDG 53 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
07EP103 - BLDG 07 - FLOOR 3 - ELECTRICAL PLAN	53EP403 - BLDG 53 - ENLARGED ROOF PLANS
08EP100 - BLDG 08 - FLOOR 0 - ELECTRICAL PLAN	53EP401a - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
08EP101 - BLDG 08 - FLOOR 1 - ELECTRICAL PLAN	53EP401b - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
08EP102 - BLDG 08 - FLOOR 2 - ELECTRICAL PLAN	53EP402 - BLDG 53 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
08EP103 - BLDG 08 - FLOOR 3 - ELECTRICAL PLAN	53EP403 - BLDG 53 - ENLARGED ROOF PLANS
09EP100 - BLDG 09 - FLOOR 0 - ELECTRICAL PLAN	53EP401a - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
09EP101 - BLDG 09 - FLOOR 1 - ELECTRICAL PLAN	53EP401b - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
09EP102 - BLDG 09 - FLOOR 2 - ELECTRICAL PLAN	53EP402 - BLDG 53 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
09EP103 - BLDG 09 - FLOOR 3 - ELECTRICAL PLAN	53EP403 - BLDG 53 - ENLARGED ROOF PLANS
10EP100 - BLDG 10 - FLOOR 0 - ELECTRICAL PLAN	53EP401a - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
10EP101 - BLDG 10 - FLOOR 1 - ELECTRICAL PLAN	53EP401b - BLDG 53 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
10EP102 - BLDG 10 - FLOOR 2 - ELECTRICAL PLAN	53EP402 - BLDG 53 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
10EP103 - BLDG 10 - FLOOR 3 - ELECTRICAL PLAN	53EP403 - BLDG 53 - ENLARGED ROOF PLANS

CIRCUIT DESIGNATION



GENERAL SYMBOLS



THIS SHEET IS FOR REFERENCE ONLY AND ALL SYMBOLS, NOTES AND ABBREVIATIONS MAY NOT APPLY TO THIS PROJECT

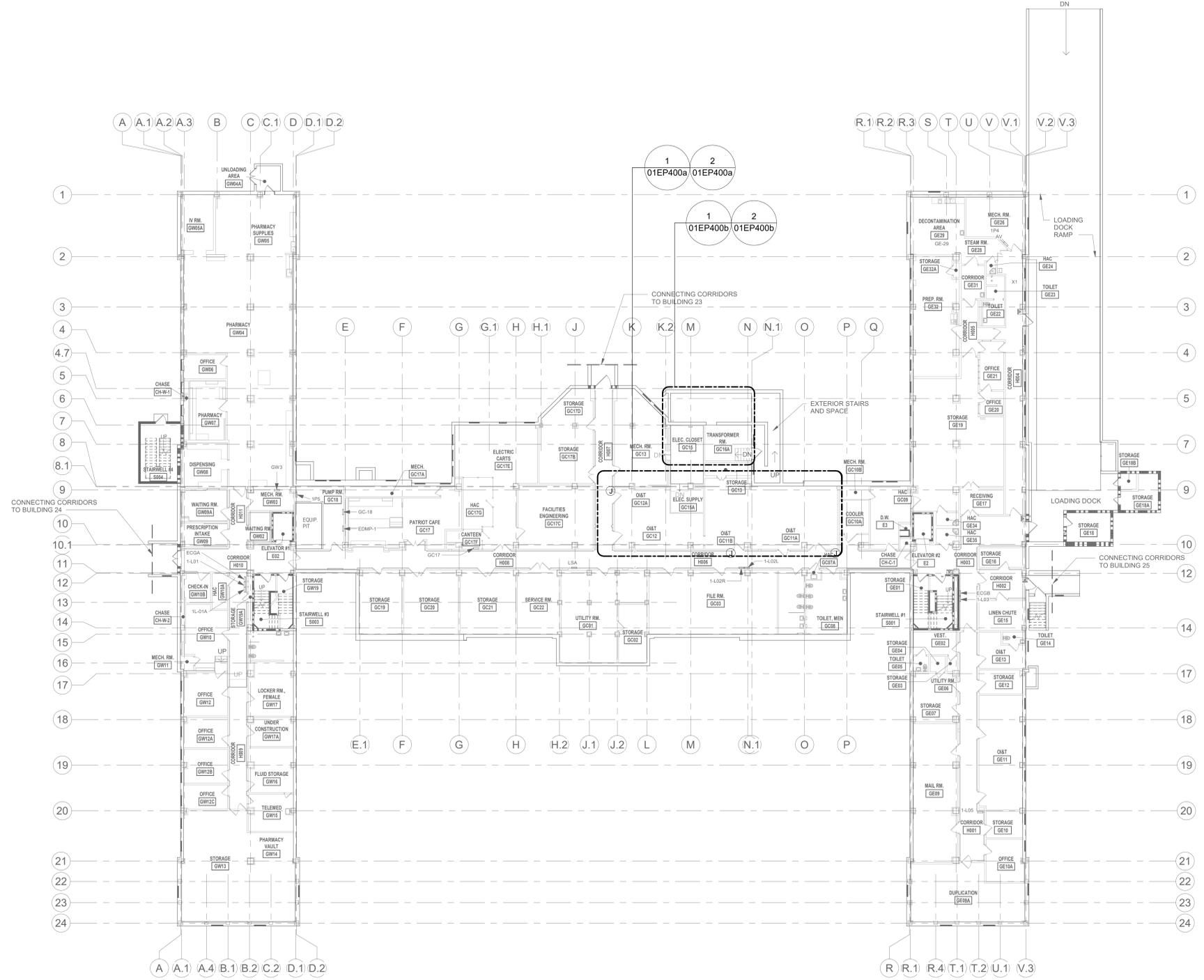
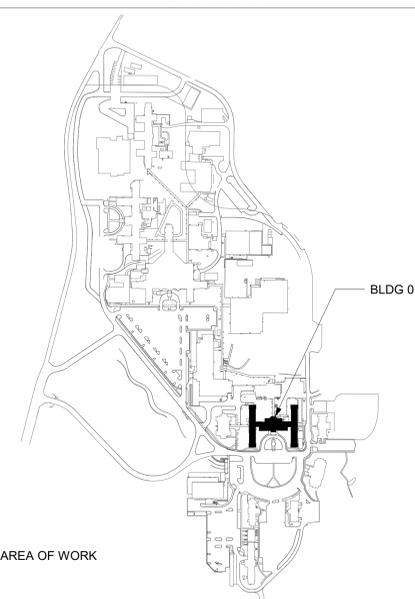
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SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES		SPEES DESIGN BUILD		STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER		U.S. Department of Veterans Affairs		CONSTRUCTION DOCUMENTS		EHRM INFRASTRUCTURE UPGRADES		657-21-701JB	
Revisions:		Date:		RAY SPEES		VA		FULLY SPRINKLERED		Location		Drawing Number	
										ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		EPG001	
										Issue Date		130 OF 435	
										03/31/2022			

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES BE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING FURNITURE, INCLUDING TRANSPORTATION, FOR ALL WORK TO DESIRED VA STORAGE LOCATION. COORDINATE WITH VA AS REQUIRED.

KEY NOTES

KEY PLAN



1 BLDG 01 - FLOOR 0 - ELECTRICAL PLAN
 1/16" = 1'-0"
 PROJECT NORTH

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Drawing Title	Phase	Project Title	Project Number
			A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES		BLDG 01 - FLOOR 0 - ELECTRICAL PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location	Building Number
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							Issue Date	Drawing Number
							03/31/2022	01EP100
							Checked	Drawn
							LRL/WNM	LLT/JPS
								131 OF 435