# DEMOLITION GENERAL NOTES

1 REFER TO PROJECT SPECIFICATIONS FOR OTHER APPLICABLE INFORMATION.
2 REFER TO MEP DRAWINGS FOR INFORMATION PERTAINING TO MECHANICAL, ELECTRICAL, AND PLUMBING WORK. ALL NOTES REGARDING THE REMOVAL, INSTALL, LOCATION, AND/OR INFORMATION OF MEP ITEMS ARE GIVEN FOR REFERENCE AND CLARITY ONLY.
3 DEMOLITION AND CONSTRUCTION MUST BE SEQUENCED AND COORDINATED TO INSURE THE HOSPITAL'S OPERATIONS ARE CONTINUALLY MAINTAINED.
4 DEMOLITION PLAN REFLECTS INFORMATION GATHERED FROM EXISTING DRAWINGS AND FIELD INSPECTIONS. EACH CONTRACTOR SHALL VERIFY ACCURACY OF INFORMATION AND INCLUDE ALL REQUIRED DEMOLITION WORK IN BID. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE COR.
5 CONTACT COR FOR DISCREPANCIES FOR DIRECTION IF DEMOLISHED WALLS CONTAIN UNANTICIPATED PIPING, ELECTRICAL, OR STRUCTURAL ELEMENTS.
6 ALL LOCATIONS INDICATED ARE APPROXIMATE AND MUST BE FIELD VERIFIED. ANY DISCREPANCIES MUST BE REPORTED TO THE COR BEFORE CONTINUATION OF THE WORK.
7 EXISTING ELEMENTS TO BE DEMOLISHED ARE SHOWN AS DARK DASHED LINES ON DEMOLITION PLANS. EXISTING ELEMENTS TO REMAIN ARE SHOWN AS SOLID GREY LINES.
8 PRIOR TO DISPOSING OF ANY ITEMS SEE COR. CONTRACTOR IS TO VALIDATE WITH COR WHAT IS TO BE SALVAGED BEFORE DEMOLITION PROCESS STARTS. AS WELL AS WHERE AND HOW SALVAGED MATERIAL SHALL BE STORED. CONTRACTOR IS RESPONSIBLE FOR ANY EXTRA COSTS THAT INCUR DUE TO NEGLIGENCE AND/OR LACK OF THOROUGHNESS.
9 PATCH AND/OR REPAIR ALL EXISTING WALL SURFACES TO MATCH ADJACENT EXISTING TO REMAIN SURFACES. PREP, PRIME, AND PAINT THE ENTIER WALL AT REPAIRED LOCATION.
10 SALVAGE AND RETURN TO VA ITEMS IDENTIFIED BY THE COR FOR FUTURE USE NOT OTHERWISE DESIGNATED BY THESE DRAWINGS.
11 VA TO REMOVE EXISTING FURNISHINGS AND MOBILE LIGHT WEIGHT EQUIPMENT PRIOR TO START OF WORK BY GENERAL CONTRACTOR.
12 REMOVE EXISTING FINISHES TO PLASTER, CONCRETE, CLAY TILE OR MASONRY SUBSTRATE U.N.O.
13 REFER TO TECHNOLOGY DRAWINGS FOR INFORMATION PERTAINING TO TECHNOLOGY DEMOLITION AND RENOVATION.
14 EXISTING FIRE PROTECTION SYSTEM TO REMAIN OPERATIONAL DURING CONSTRUCTION UNLESS OTHERWISE ARRANGED WITH THE COR.
15 CONSTRUCTION WASTE IS TO BE REMOVED TO DUMPSTER. THE COR WILL APPROVE OF DUMPSTER LOCATIONS
16 DISRUPTIVE ACTIVITIES IN OCCUPIED SPACES TO BE LIMITED AS DIRECTED BY COR. COORDINATE WELL IN ADVANCE WITH COR PRIOR TO BEGINNING WORK.
17 IN AREAS THAT ARE TO BE OCCUPIED AND/OR OPERATIONAL DURING THE CONSTRUCTION PERIOD AND DESIGNATED FOR AFTER-HOURS AND/OR WEEKEND WORK, THE CONTRACTOR SHALL RETURN AREA TO SERVICEABLE CONDITION PRIOR TO THE END OF THE CONTRACTOR'S WORK PERIOD INCLUDING CLEANING OF AREA AND REINSTALLATION OF ACOUSTICAL TILE CEILINGS.
18 RETAIN ALL STRUCTURAL COLUMNS, PROTECT FROM DAMAGE.
19 ONLY REMOVE PORTIONS OF CEILING NEEDED TO COMPLETE WORK. PATCH AND REPAIR AS NEEDED FOR NEW CONSTRUCTION. MATCH ADJACENT FINISHES U.N.O.
20 SEE REFLECTED CEILING PLANS FOR EXTENTS OF CEILING TO BE REMOVED AND REPLACED.
21 TEMPORARY CONSTRUCTION BARRIER WALLS & MATS ARE TO BE REMOVED AFTER COMPLETION OF WORK. PATCH & REPAIR ANY DAMAGE TO EXISTING FINISHES.
22 PROTECT ALL EXISTING ELEMENTS TO REMAIN. ANY DAMAGE TO EXISTING ELEMENTS TO REMAIN DURING CONSTRUCTION SHALL BE PAID FOR BY THE CONTRACTOR.
23 REPAIR EXISTING FLOOR SUBSTRATES WITH SELF-LEVELING FILLER AS NEEDED FOR NEW CONSTRUCTION.
24 COORDINATE THE REMOVAL AND RELOCATIONS OF EXISTING FIRE CABINETS WITHIN PROJECT AREA W/ VA COR.

# DEMOLITION KEYNOTES

1 TEMPORARY 1-HR RATED CONSTRUCTION DUST PARTITION W/ 3'-0" X 7'-0" 1-HR RATED DOOR AND HM FRAME.
2 STICKY WALK-OFF MAT AT CONSTRUCTION ENTRANCES.
3 EXISTING KITCHEN EQUIPMENT TO BE REMOVED. COORDINATE WITH VA COR.
4 REMOVE EXISTING LOCKERS.
5 WALL TO BE REMOVED IN ITS ENTIRETY.
6 DOOR TO BE REMOVED.
7 DOOR AND FRAME TO BE REMOVED.
8 CASEWORK TO BE REMOVED.
9 REMOVE EXISTING WALL FINISHES AND FURRING.
10 REMOVE EXISTING WALL FINISH TO WALL FRAMING THIS SIDE ONLY & PREP FOR NEW FINISHES.
11 REMOVE EXISTING WALL FINISHES TO WALL FRAMING ON BOTH SIDES & PREP FOR NEW FINISHES.
12 WINDOW AND FRAME TO BE REMOVED.
13 REMOVE EXISTING PLUMBING FIXTURE. REFER TO MEP.REMOVE EXISTING FLOOR FINISH TO BARE CONCRETE IN THIS AREA & PREP FOR NEW FLOOR FINISHES. COORDINATE EXTENTS WITH VA COR.
14 REMOVE EXISTING EQUIPMENT POSTS AND RAIL.
15 REMOVE EXISTING CEILING AND ASSOCIATED FRAMING. COORDINATE EXTENTS WITH NEW CONSTRUCTION.
16 REMOVE EXISTING HOOD VENT. REFER TO MEP.
17 REMOVE EXISTING CEILING AND ASSOCIATED MATERIALS.
18 REMOVE ELECTRICAL FIXTURES. REFER TO MEP.

# RENOVATION GENERAL NOTES

1 REFER TO ARCHITECTURAL DEMO PLANS FOR EXTENTS OF DEMOLITION WORK IN PROJECT AREA.
2 REFER TO ROOM FINISH SCHEDULE FOR FINISHES.
3 REFER TO MEP DRAWINGS FOR INFORMATION PERTAINING TO MECHANICAL, ELECTRICAL, AND PLUMBING WORK. ALL NOTES REGARDING THE REMOVAL, INSTALL, LOCATION AND/OR INFORMATION OF MEP ITEMS ARE GIVEN FOR REFERENCE AND CLARITY ONLY.
5 REFER TO FIRE PROTECTION DWGS FOR RELATED FIRE PROTECTION REMODELING.
6 PATCH EXISTING OPENINGS AS NEEDED AND PREP SURFACE FOR NEW FINISH.
7 PATCH EXISTING WALL W/ FINISHES TO MATCH EXISTING WHERE DAMAGED BY DEMOLITION.
8 COORDINATE ALL REINSTALLATION OF VA ITEMS & ACCESSORIES WITH COR.
9 CONSTRUCTION WASTE IS TO BE REMOVED TO DUMPSTER. THE COR WILL APPROVE OF DUMPSTER LOCATIONS.
10 INFILL ALL LOCATIONS WHERE MASONRY WALLS HAVE BEEN REMOVED.
11 ALL WALLS AND CHASES TO BE INSULATED - SEE WALL TYPES AND ARCHITECTURAL GENERAL NOTES.
12 CONTRACTOR TO VERIFY LOCATION OF EXISTING MEP AND RELATED ITEMS PRIOR TO START OF RENOVATION WORK.COORDINATE ALL EXISTING AND NEW
13 MECHANICAL AND ELECTRICAL WORK TO FIT WITHIN WALLS AND CHASES SHOWN; WHERE EXISTING OR NEW MECHANICAL AND ELECTRICAL WORK FALLS OUTSIDE OF THE PROVIDED WALLS AND CHASES, THE CONTRACTOR SHALL NOTIFY THE COR FOR REVISIONS TO THE LAYOUT OF WALLS OR CHASE AT NO ADDITIONAL COST TO THE OWNER.
14 DEMO WORK AND NEW WORK INDICATE APPROXIMATE AREA TO BE REMOVED. CONTRACTOR TO FIELD VERIFY ACTUAL AREA TO BE REMOVED. CONTRACTOR TO COORDINATE WORK AREA WITH ALL TRADES FOR FULL SCOPE OF WORK. CONTRACTOR IS RESPONSIBLE FOR WORK AS NECESSARY, FIELD VERIFY.
15 MAINTAIN ALL EXISTING FIRE RATINGS. FIELD VERIFY.
16 REMOVE AND REINSTALL ALL ITEMS LOCATED IN CEILING (LIGHTS, DIFFUSERS, SPRINKLER HEADS, EXIT SIGNS, SIGNS, FANS, AHU, ALARMS, ANTENNAS, OCCUPANCY SENSORS, SPEAKERS, NURSE CALL, CODE LIGHTS, EMERGENCY SHOWER, CAMERA, CURTAIN TRACK, PATIENT LIFT OR ACCESS HATCHES, ETC.) AS REQUIRED. NEW CEILING TILES THAT ARE INSTALLED SHALL HAVE TAMPER PROOF CLIPS U.N.O. ALL ITEMS MAY NOT BE INDICATED ON DRAWINGS. FIELD VERIFY FOR FULL SCOPE OF WORK.
17 ANY CONTRACTOR DISTURBED FINISHES MUST BE RESTORED TO MATCH THE EXISTING FINISH. COORDINATE WITH VA TO MATCH EXISTING FINISHES.
18 COVER AND PROTECT ALL VA EQUIPMENT AND FURNITURE SO THAT THE FUNCTION AND APPEARANCE IS NOT AFFECTED BY CONSTRUCTION, THE CONTRACTOR, THEIR EQUIPMENT AND MATERIALS, OR ANY INVOLVED ACTIONS.
19 A 1 HR MINIMUM FIRE-RATED SEPARATION IS REQUIRED BETWEEN ALL OCCUPIED SPACE AND CONSTRUCTION AREAS. THIS PROTECTION INCLUDES ANY EXISTING PENETRATIONS AND OPENINGS.
20 PATCH FLOOR SLABS AT PENETRATIONS AND OPENINGS RESULTING FROM REMOVAL OF PIPING AS NECESSARY TO MAINTAIN EXISTING FIRE SEPARATION AND FINISH AT PIPING AND EQUIPMENT REMOVAL LOCATIONS PATCH TO MATCH ADJACENT EXISTING FLOOR.
21 PATCH PARTITION WALLS AT NEW PENETRATIONS RESULTING FROM INSTALLATION OF NEW PIPING. SEAL AGAINST NEW PIPING TO MATCH EXISTING WALL CONDITION. MATCH EXISTING WALL CONDITION (FINISH, PAINT COLOR, WALL MOUNTED EQUIPMENT AND ACCESSORIES, ETC.) TYP. WALL CONDITION: GWB OR PLASTER. SEE MEP DRAWINGS FOR FULL EXTENT OF WORK. REMOVE REPLACE, PATCH AND REPAIR WALL TO THE EXTENT NECESSARY TO COMPLETE WORK AND MEET THE REQUIRED STANDARDS FOR VA CONSTRUCTION. COORDINATE REMOVAL AND REINSTALLATION OF WALL MOUNTED EQUIPMENT, ETC. FIELD VERIFY. MAINTAIN EXISTING FIRE RATINGS. VERIFY EXISTING CONDITIONS WITH COR DURING PRE-CONSTRUCTION WALK THRU, ADDITIONAL COSTS WILL NOT BE ALLOWED.
22 PATCH PARTITION WALLS AND FILL/PATCH OPENINGS RESULTING FROM REMOVAL OF PIPING. MATCH EXISTING WALL CONDITION (FINISH, PAINT COLOR, WALL MOUNTED EQUIPMENT, AND ACCESSORIES, ETC.) TYP. WALL CONDITION: GWB OR PLASTER. SEE MEP DRAWINGS FOR FULL EXTENT OF WORK. REMOVE, REPLACE, PATCH, AND REPAIR WALL TO THE EXTENT NECESSARY TO COMPLETE WORK AND MEET THE REQUIRED STANDARDS FOR VA CONTSTRUCTION. COORDINATE REMOVAL AND REINSTALLATION OF WALL MOUNTED EQUIPMENT, ETC. FIELD VERIFY. MAINTAIN EXISTING FIRE RATINGS. VERIFY EXISTING CONDITIONS WITH COR DURING PRE-CONSTRUCTION WALK THRU, ADDITIONAL COSTS WILL NOT BE ALLOWED.
25 CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SUPPORTS AS REQUIRED FOR CEILING MOUNTED EQUIPMENT DURING DEMOLITION AND REBUILD OPERATIONS.
26 REMOVE TEMPORARY CONSTRUCTION PARTITIONS AFTER COMPLETION OF WORK. PATCH/PAINT TO MATCH EXISTING/NEW FINISHES.
27 DISRUPTIVE ACTIVITIES IN OCCUPIED SPACES TO BE LIMITED AS DIRECTED BY COR. COORDINATE WELL IN ADVANCE WITH COR PRIOR TO BEGINNING WORK.

# DEMOLITION PLAN LEGEND

FULL HEIGHT ONE-HOUR FIRE RATED TEMPORARY PARTITION
ELEMENT TO BE REMOVED, TYPICAL
INDICATES AREA TO BE REMOVED, TYPICAL
EXISTING CONSTRUCTION TO REMAIN UNO.

| Mark | Revisions: | Date: |
|---|---|---|

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05/17/2024

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

Drawing Title: ARCHITECTURAL GENERAL NOTES AND KEYNOTES
Approved:
Phase: CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT
Location: 5500 E KELLOGG AVE, WICHITA, KS
Issue Date: 05/17/2024
Checked: RJO
Drawn: JJG
Project Number: 589A7-23-305
Building Number: 2
Drawing Number: A-001

Autodesk Docs://16721801/589A7-23-305 Prepare Site for Choice Dining/589A7-23-305.B02.Arch_R23_16721801-Existing.rvt
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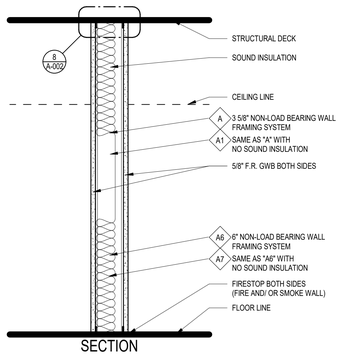
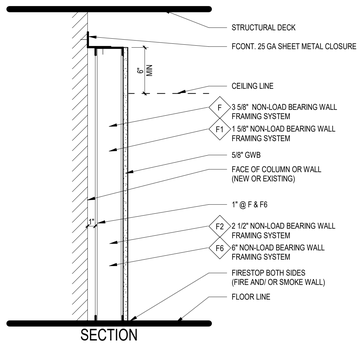



RATING INFORMATION
FIRE RATING - 1 HOUR
STC RATING - 45-49
STC RATING - 40

TEST: U.L. Design No. U465
TEST: TL 99-103
TEST: TL 99-160

WALL TYPE
NO SCALE
A A1 A6 A7

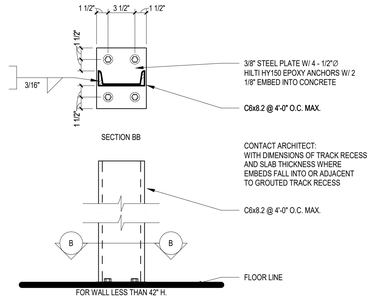
## 19 WALL TYPE A
1 1/2" = 1'-0"



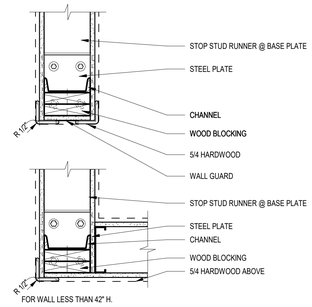

RATING INFORMATION
FIRE RATING - NON-RATED

WALL TYPE
NO SCALE
F F1 F2 F6

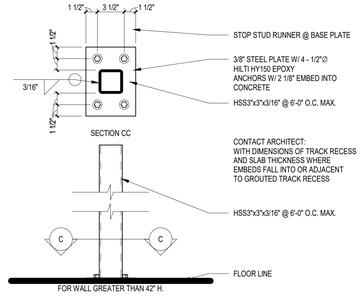
## 18 WALL TYPE F
1 1/2" = 1'-0"



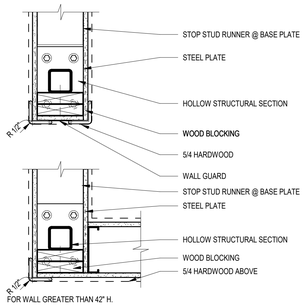

## 17 LOW WALL LATERAL SUPPORT
1 1/2" = 1'-0"



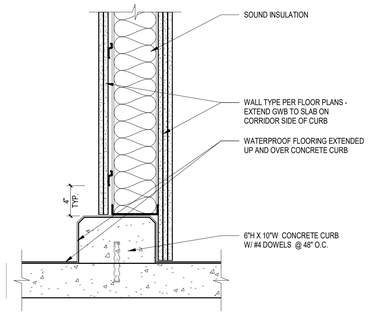

## 16 LOW WALL TERMINATION
1 1/2" = 1'-0"



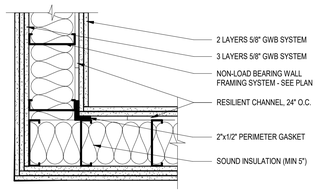

## 15 HIGH WALL LATERAL SUPPORT
1 1/2" = 1'-0"



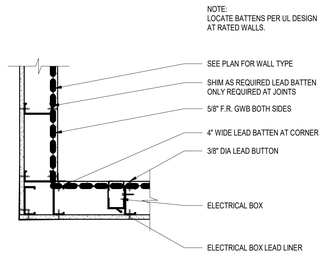

## 14 HIGH WALL TERMINATION
1 1/2" = 1'-0"



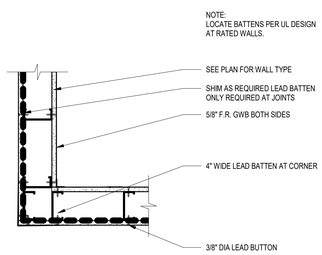

## 13 MECH RM CURB, PERIM WALLS
1 1/2" = 1'-0"



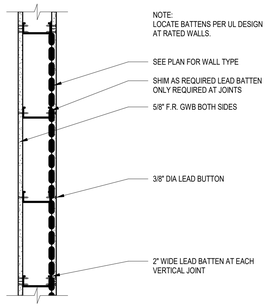

## 12 WALL TYPE 'S' DETAIL
1 1/2" = 1'-0"



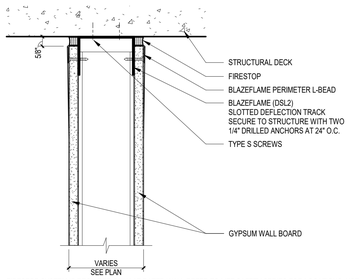

## 11 WALL TYPE 'R' DETAIL
1 1/2" = 1'-0"




## 10 WALL TYPE 'R' DETAIL
1 1/2" = 1'-0"

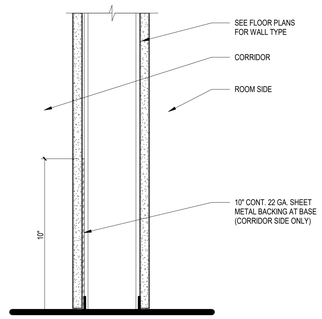



## 9 WALL TYPE 'R' DETAIL
1 1/2" = 1'-0"

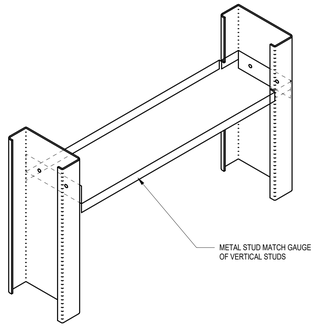



NOTE: FIRESTOP SYSTEM IS REQUIRED ONLY AT RATED WALL REFER TO LIFE SAFETY SERIES FOR LOCATIONS. USE APPROPRIATE UL LISTED ASSEMBLY BASED ON WALL AND STRUCTURAL DECK CONSTRUCTION.

## 8 STUD WALL ATTACH. TO CONC. DECK
3" = 1'-0"




## 6 BASE METAL BACKING DETAIL
3" = 1'-0"

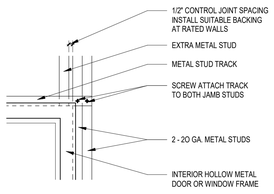



## 5 FIRE BLKG AT OPEN CAVITY
3" = 1'-0"

## SHIELDING SCHEDULE

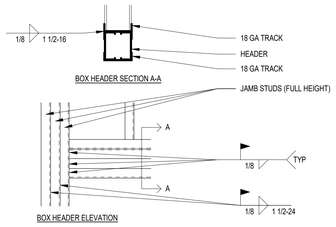
| ROOM NUMBER | ROOM NAME | MININUM THICKNESS OF LEAD SHIELDING | | | |
|---|---|---|---|---|---|
| | | NORTH | EAST | SOUTH | WEST |

NOTE: EXISTING WALLS SHALL RECEIVE WALL TYPE "N" IN ROOMS REQUIRING SHIELDING




NOTE:
SEE GWB SYSTEM SYSTEM SPECIFICATIONS FOR LOCATION OF CONTROL JOINTS

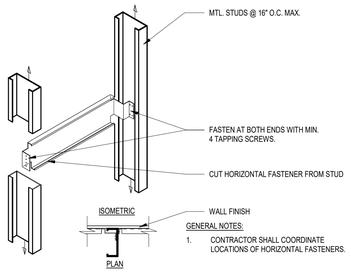
## 4 TYPICAL CONTROL JOINT
1 1/2" = 1'-0"




| OPENING | HEADER | JAMB STUDS |
|---|---|---|
| UP TO 4'-0" | 2-8" 18 GA | (2) 20 GA |
| 4'-0" TO 8'-0" | 2-8" 16 GA | (3) 20 GA |
| 8'-0" TO 12'-0" | 2-8" 16 GA | (4) 20 GA |

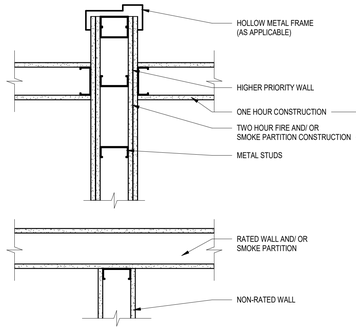
FOR OPENINGS GREATER THAN 12'-0" STUDS ARE SUPPORTED VERTICALLY BY STRUCTURE AND HORIZONTALLY BY DIAGONAL BRACING.

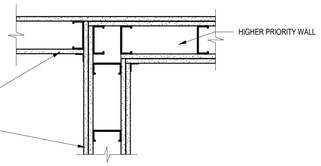
## 3 HEADER SCHEDULE
1 1/2" = 1'-0"




GENERAL NOTES:
1. CONTRACTOR SHALL COORDINATE LOCATIONS OF HORIZONTAL FASTENERS.

## 2 TYP. WALL BACKING DETAIL
1 1/2" = 1'-0"




### WALL PRIORITY LEGEND

| | |
|---|---|
| TWO HOUR FIRE AND/ OR SMOKE WALL | PRIORITY 1 (HIGHEST) |
| TWO HOUR FIRE WALL | PRIORITY 2 |
| TWO HOUR SHAFTWALL | |
| ONE HOUR FIRE AND/ OR SMOKE WALL | PRIORITY 3 |
| ONE HOUR FIREWALL | PRIORITY 4 |
| NON-RATED WALL | PRIORITY 5 (LOWEST) |

NOTE:
ALL PARTITION TYPES INDICATED, MAY-NOT BE USED. REFER TO PLANS FOR MORE INFORMATION.

## 1 WALL PRIORITY LEGEND
1 1/2" = 1'-0"

## INTERIOR PARTITION NOTES

1. UPGRADE GWB TO TILE BACKER (MR GWB) WHERE CALLED FOR BY SPEC. SECTION 09 22 16 AND WHERE DRAWINGS CALL FOR ADHERED CSMU TILE VENEER.
2. EXTEND FIRE RATED WALL CONSTRUCTION BEHIND RECESSED OR BUILT-IN EQUIPMENT SUCH AS FIRE EXTINGUISHER CABINETS (FEC), ELECTRICAL WATER COOLERS (EWC), ELECTRIC PANELS, ETC., UNO.
3. PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES & SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK AND OF ALL FLOOR MOUNTED OR SUSPENDED MECHANICAL, ELECTRICAL OR LABORATORY EQUIPMENT.
4. WHERE HVAC OR OTHER MECHANICAL, ELECTRICAL AND PLUMBING ITEMS PENETRATE PARTITIONS, STUDS SHALL BE BRACED AND FRAMED TO STRUCTURE AS REQUIRED TO PROVIDE ADEQUATE SUPPORT. ALL PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED TO PROVIDE FIRE, SMOKE, AND/OR ACOUSTICAL ISOLATION OF SPACES WITH APPROPRIATE FIRESTOP MATERIAL.
5. COORDINATE METAL STUD GAUGE WITH PRE-APPROVED EQUIPMENT ANCHORAGE. WHERE A DISCREPANCY OCCURS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
6. WHERE COLUMN FURRING STUDS EXCEED THE MANUFACTURER'S RECOMMENDED LIMITING HEIGHTS, STUDS SHALL BE BRACED BACK TO THE STRUCTURE AS REQUIRED.
7. THERE SHALL BE NO BACK-TO-BACK ELECTRICAL, TELEPHONE, OR OTHER OUTLETS, EXCEPT WHERE SPECIFICALLY SHOWN. AT ACOUSTICALLY SENSITIVE AREAS, SUCH AS EXAM ROOMS, OFFICES, CLASSROOMS, ETC. OFFSET OUTLETS IN OPPOSITE SIDES OF THE WALL BY AT LEAST TWO STUD CAVITIES.
8. WALL BASE NOT SHOWN ON WALL TYPES FOR CLARITY.
9. WHERE 'SEALANT' IS INDICATED ON WALL TYPES, PROVIDE ACOUSTIC (SOUND) SEALANT AT NON-RATED WALLS AND FIRE-RATED SEALANT AT RATED WALLS AS REQUIRED BY FIRE RATING TEST NUMBER.
10. PROVIDE SOUND INSULATION AS REQUIRED TO MEET STC RATING INDICATED ON WALL TYPE. PROVIDE SOUND INSULATION IN WALLS AROUND THE FOLLOWING SPACES: CLASSROOMS, CONFERENCE ROOMS, OFFICES, OPERATING ROOMS, EXAM ROOMS, PROCEDURE ROOMS, COMMUNICATION AND ELECTRICAL ROOMS, MECHANICAL ROOMS, MECHANICAL AND ELEVATOR SHAFTS, & TOILET AND LOCKER ROOMS. SOUND INSULATION IS NOT REQUIRED IN WALLS WITH CASED OPENINGS OR OTHER UNENCLOSED OPENINGS. SOUND INSULATION IS NOT REQUIRED IN ABOVE-CEILING WALL CAVITIES LOCATED OVER DOORS AND BORROWED LITES.

| Mark | Revisions: | Date: |
|---|---|---|

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05/17/2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| Drawing Title | Phase | Project Title | Project Number |
|---|---|---|---|
| PARTITION DETAILS & DETAILS | CONSTRUCTION DOCUMENTS | PREPARE SITE FOR CHOICE DINING EQUIPMENT | 589A7-23-305 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Building Number: 2 |
| | | Issue Date: 05/17/2024 · Checked: RJO · Drawn: JJG | Drawing Number: A-002 |

VA FORM 08 - 6231

Autodesk Docs://167218001 589A7-23-305 Prepare Site for Choice Dining/589A7-23-305.B02.Arch_R23_167218001-Existing.rvt
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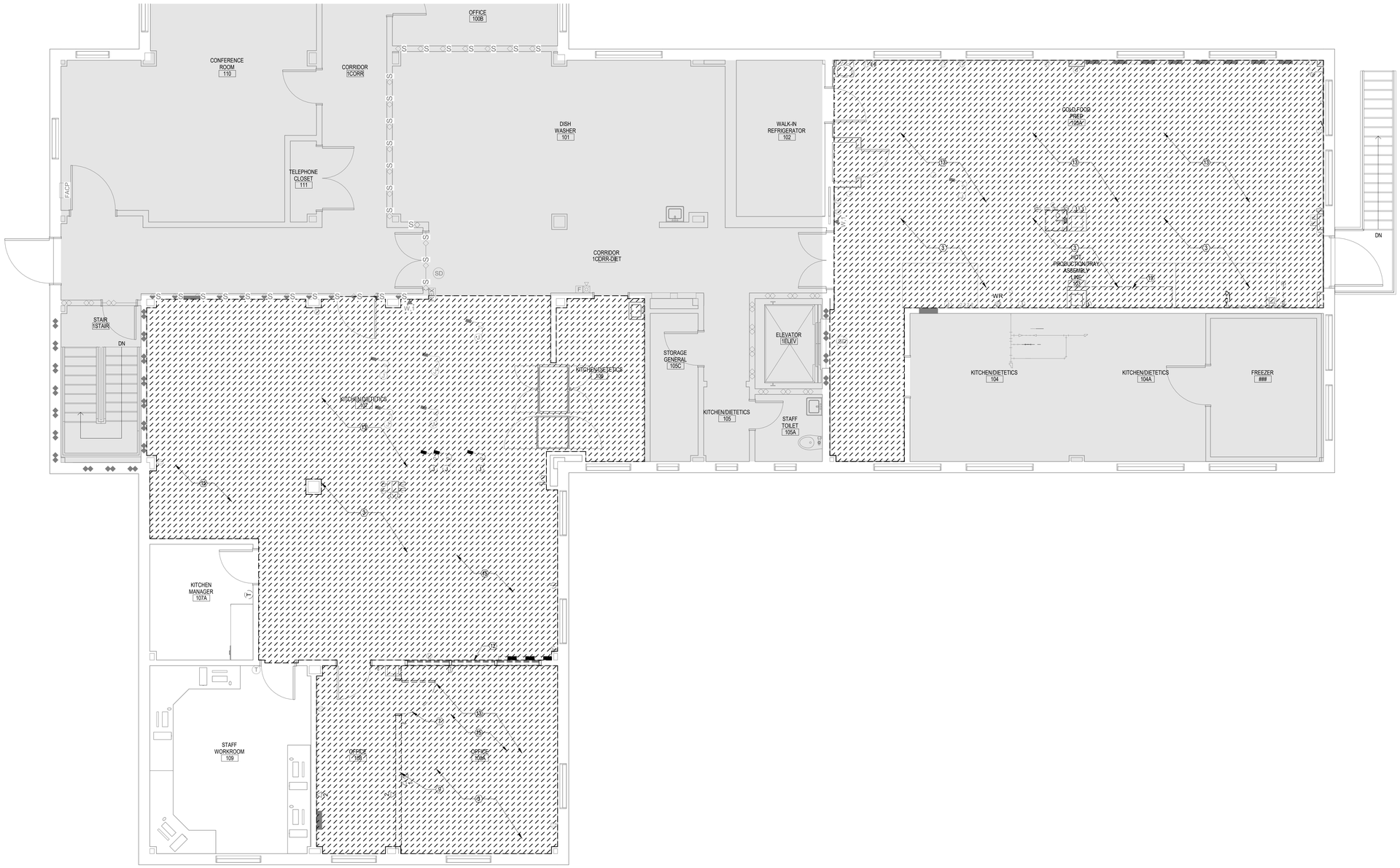



1 FIRST FLOOR - DEMOLITION FLOOR PLAN

1/4" = 1'-0"

# GENERAL DEMOLITION NOTES

1 DASHED BOLD LINES INDICATE EXTENT OF DEMOLITION INCLUDING THE FOLLOWING:
- INTERIOR PARTITIONS (REMOVED TO STRUCTURE)
- CEILINGS, INCLUDING CEILING SUSPENSION SYSTEM, MISC. STEEL SUPPORTS FOR SUSPENDED EQUIPMENT, SUSPENDED EQUIPMENT, LIGHT FIXTURES, DIFFUSERS AND GRILLES ETC.
- FLOOR FINISHES (TO CONCRETE) INCLUDING CARPET, RVT, SHEET VINYL, CERAMIC TILE, QUARRY TILE, BRICK PAVERS, ETC.
- DOORS AND FRAMES UNLESS NOTED OTHERWISE IN DOOR SCHEDULE
- WINDOW GLAZING AND FRAMES UNLESS NOTED OTHERWISE
- BRICK AND BACK-UP WALL SYSTEM
- CABINETWORK, SHELVING, BASES
- TOILET PARTITIONS AND ACCESSORIES
- TACK BOARDS, MARKER BOARDS, PEGBOARDS, DISPLAY BOARDS
- EQUIPMENT ITEMS
- PLUMBING FIXTURES

2 DASHED BOLD LINES INDICATE EXTEND OF DEMOLITION INCLUDING THE FOLLOWING:

3 CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS.

4 ALL LIGHT OR HALFTONE LINES INDICATE EXISTING TO REMAIN.

5 SEE SPECIFICATIONS SECTIONS FOR CUTTING AND PATCHING AND DEMOLITION 02 41 00.

6 SEE ROOM FINISH SCHEDULE, MECHANICAL PLANS, AND ELECTRICAL PLANS FOR EXTENT OF NEW CEILING CONSTRUCTION OR CEILING PATCHING IN EXISTING AREAS.

7 SEE ROOM FINISH SCHEDULE FOR EXTENT OF NEW FLOORING MATERIAL IN EXISTING AREAS.

8 SEE ROOM FINISH SCHEDULE FOR EXTENT OF NEW WALL COVERING MATERIAL IN EXISTING AREAS. WHERE NEW FINISHES ARE REQUIRED REMOVE EXISTING WALL FINISHES, (TEXRURED PLASTIC COATING, VINYL WALL COVERING, PANELING, BASE, ETC.).

9 CONTRACTOR TO VERIFY ALL WALL CONSTRUCTION & FINISHES NOTED FOR REMOVAL. TAKE INTO ACCOUNT ANY DISCREPANCY AND MAKE PROPER ADJUSTMENT TO ACCOMPLISH REQUIRED CONSTRUCTION & FINISHES. IF STRUCTURAL INTEGRITY IS VIOLATED, CONTACT ARCHITECT. COORDINATE PHASING WITH OWNER

10 COORDINATE REMOVEL OF FURNITURE AND EXISTING EQUIPMENT WITH OWNER.

11 REFER TO EQUIPMENT SCHEDULE 11700S FOR NEW LOCATIONS OF EXISTING EQUIPMENT, ETC.

12 SAW CUT EDGES OF EXISTING FLOOR SLAB FOR REMOVAL AND INSTALLATION OF UTILITIES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.

13 REMOVE FURRING OR GWB ONLY WHERE REQUIRED TO COMPLETE CONSTRUCTION. PATCH AND MATCH WALLS AS REQUIRED TO COMPLETE AND MATCH EXISTING CONDITIONS, UNLESS AN ALTERNATIVE MATERIAL AND FINISH IS INDICATED.

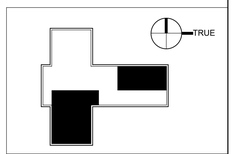
14 REMOVE CEILINGS ONLY AS REQUIRED FOR NEW CONSTRUCTION. REINSTALL, REPLACE OR PATCH AS REQUIRED.

# DEMOLITION KEYNOTES

| | |
|---|---|
| 3 | EXISTING KITCHEN EQUIPMENT TO BE REMOVED. COORDINATE WITH VA COR. |
| 7 | DOOR AND FRAME TO BE REMOVED. |
| 9 | REMOVE EXISTING WALL IN ITS ENTIRETY. |
| 12 | WINDOW AND FRAME TO BE REMOVED. |
| 13 | REMOVE EXISTING FLOOR FINISH TO BARE CONCRETE IN THIS AREA & PREP FOR NEW FLOOR FINISHES. COORDINATE EXTENTS WITH VA COR. |
| 15 | REMOVE EXISTING CEILING AND ASSOCIATED FRAMING. COORDINATE EXTENTS WITH NEW CONSTRUCTION. |
| 19 | REMOVE EXISTING RAISED CONCRETE SLAB DOWN TO EXISTING FLOOR LEVEL. |

# DEMOLITION PLAN LEGEND

- FULL HEIGHT ONE-HOUR FIRE RATED TEMPORARY PARTITION
- ELEMENT TO BE REMOVED, TYPICAL
- INDICATES AREA TO BE REMOVED, TYPICAL
- EXISTING CONSTRUCTION TO REMAIN UNO.




KEY PLAN

| Mark | Revisions: | Date: |
|---|---|---|

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05/17/2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| | | | |
|---|---|---|---|
| Drawing Title: FIRST FLOOR - DEMOLITION PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: AD101 |
| | | Issue Date: 05/17/2024 · Checked: RJO · Drawn: JJG | |

VA FORM 08 - 6231

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1 FIRST FLOOR - FLOOR PLAN
1/4" = 1'-0"

## GENERAL NOTES

1 ALL NEW CONSTRUCTION IS INDICATED BOLD OR FULL TONE.

2 ALL INTERIOR WALLS WILL BE TYPE "A" CONSTRUCTION UNLESS OTHERWISE INDICATED. REFER TO SHEET A-002.

3 ALL INTERIOR WALLS WILL BE TYPE "A" CONSTRUCTION UNLESS OTHERWISE INDICATED. REFER TO SHEET A-002

4 ALL METAL STUD AND GYPSUM WALLBOARD PARTITIONS ARE DIMENSIONED TO THE OUTSIDE FACE AND TO COLUMN GRID UNLESS OTHERWISE NOTED.

5 WHEN WALL PARTITIONS OF DIFFERENT FIRE RATING INTERSECT, THE HIGHEST RATED PARTITION TAKES PRECEDENT. MAINTAIN RATING BEHIND FIRE EXTINGUISHER CABINETS, ETC.

6 CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

7 REFER TO THE Q SERIES FOR ARCHITECTURAL EQUIPMENT NUMBERS.

8 REFER TO SHEET A-003 FOR TYPICAL BACKING DETAIL WITHIN INTERIOR WALL PARTITION, HANDRAILS, CUBICAL CURTAIN TRACKS, CORNER GUARDS ETC.

9 ALL EXISTING TO REMAIN CEILING AND WALL GRILLES, DIFFUSERS AND LIGHTS ETC. TO BE CLEANED.

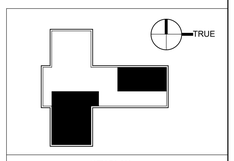
10 VERIFY THAT THE EXISTING WALLS REQUIRING FIRE RATING ARE MAINTAINED, REPAIRED AND EXTENDED TO STRUCTURE.

11 ALL CORRIDOR WALLS ARE REQUIRED TO BE SMOKE TIGHT, WHETHER THEY ARE FIRE RATED OR NOT. REPAIR AND EXTEND AT LEAST THE CORRIDOR SIDE OF NON-FIRE RATED CORRIDOR WALLS TO STRUCTURE, UNLESS NOTED OTHERWISE NOTED. SEE PARTITION TYPES SHEET.

12 REFER TO LIFE SAFETY PLANS FOR LOCATION OF REQUIRED FIRE WALLS.

13 REFER TO SPECIFCATIONS FOR EXPANSION JOINT ASSEMBLIES. PROVIDE FIRE RATED EXPANSION JOINTS IN RATED FIRE WALLS, REFER TO LIFE SAFETY SERIES FOR FIRE RATINGS.

14 ALL FURNITURE SHOWN HALF TONE WILL BE OWNER FURNISHED AND OWNER INSTALLED.




KEY PLAN

| Mark | Revisions: | Date: |
|---|---|---|
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VA U.S. Department of Veterans Affairs

| | | | |
|---|---|---|---|
| Drawing Title: FIRST FLOOR - FLOOR PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Building Number: 2 |
| | | Issue Date: 05/17/2024 / Checked: RJO / Drawn: JJG | Drawing Number: AE101 |

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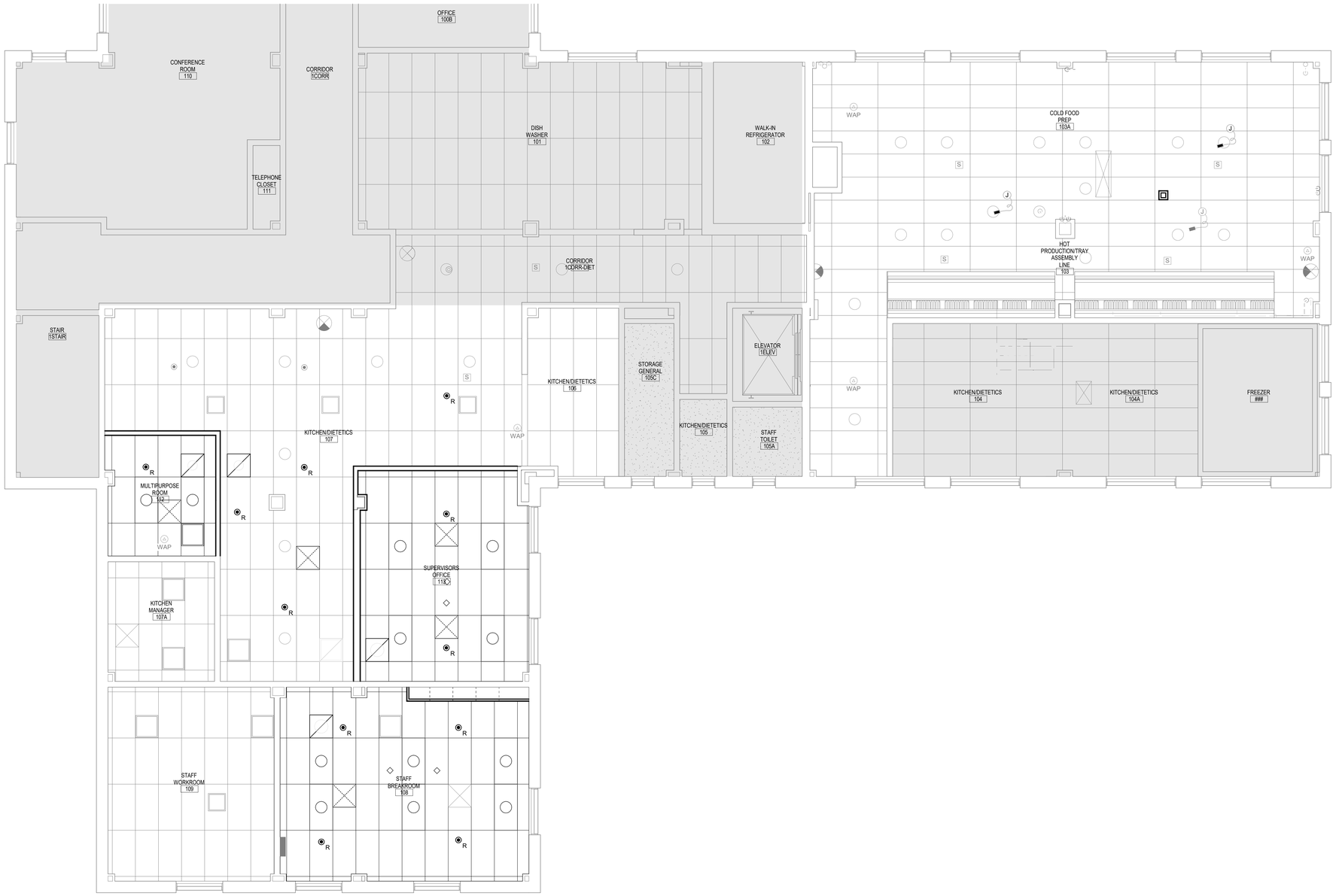
## GENERAL REFLECTED CEILING NOTES

1. PROVIDE GYPSUM WALL BOARD AND METAL STUD BULK HEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OF ACOUSTICAL CEILING MATERIALS UNLESS SPECIFICALLY DETAILED.
2. REFER TO MECHANICAL DRAWINGS (M SERIES) FOR QUANTITY AND TYPE OF DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES. SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.
3. REFER TO ELECTRICAL DRAWINGS (E SERIES) FOR QUANTITY AND TYPE OF LIGHTS, SPEAKERS, DETECTORS, POWER OUTLETS, ETC. SCRIBE CEILING MATERIALS CAREFULLY. WHERE NO DEVICES ARE SHOWN ON PLANS, FIELD VERIFY LOCATION & QUANTITY OF DEVICES IN EXISTING CEILING. THESE DEVICES WILL BE RELOCATED TO THE NEW CEILING.
4. ALTHOUGH NOT SPECIFICALLY SHOWN, THE ENTIRE PROJECT HAS FIRE SPRINKLER HEADS IN CEILING. SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.
5. ACOUSTIC TILE CEILING TO BE AT-1 UNLESS NOTED OTHERWISE.
6. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND MATERIAL LOCATIONS.
7. REFER TO ROOM FINISH SCHEDULE FOR THE EXTENT OF GRID SYSTEM. REFLECTED CEILING PLANS SHOW TILE PATTERNS.
8. CONTRACTOR TO FIELD VERIFY EXTENT OF CEILING REPLACEMENT. CONTRACTOR TO COORDINATE WITH ALL TRADES.
9. ALL EXISTING TO REMAIN GRILLES, DIFFUSERS AND LIGHTS ETC. TO BE CLEANED
10. CONTRACTOR TO COORDINATE WITH ALL TRADES.
11. UNLESS NOTED OTHERWISE, TYPICAL CEILING HEIGHT TO BE 9'-0".




1 FIRST FLOOR - REFLECTED CEILING PLAN
1/4" = 1'-0"

## REFLECTED CEILING LEGEND

| | |
|---|---|
| EXISTING GYPSUM WALL BOARD CEILING | GYPSUM WALL BOARD CEILING |
| EXISTING SUSPENDED ACOUSTICAL REMAIN | SUSPENDED ACOUSTICAL CEILING |
| EXISTING SUPPLY AIR GRILLE - SEE MECHANICAL | SUPPLY AIR GRILLE - SEE MECHANICAL |
| EXISTING RETURN AIR GRILLE - SEE MECHANICAL | RETURN AIR GRILLE TO - SEE MECHANICAL |
| EXISTING RECESSED 2X2 LIGHT FIXTURE - SEE ELECTRICAL | RECESSED 2X2 LIGHT FIXTURE - SEE ELECTRICAL |
| EXISTING RECESSED 2X4 LIGHT FIXTURE - SEE ELECTRICAL | RECESSED 2X4 LIGHT FIXTURE - SEE ELECTRICAL |
| STRIP LIGHTING | STRIP LIGHTING |
| CAN LIGHT | CAN LIGHT |
| EXIT LIGHT | EXIT LIGHT |
| WAP WIRELESS ACCESS POINT | WAP WIRELESS ACCESS POINT |
| SPEAKER | SPEAKER |
| SMOKE DETECTOR | SMOKE DETECTOR |
| OCCUPANCY SENSOR | OCCUPANCY SENSOR |
| CCTV VIDEO SURVEILLANCE CAMERA | CCTV VIDEO SURVEILLANCE CAMERA |

TRUE
KEY PLAN

| Mark | Revisions: | Date: |
|---|---|---|

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05/17/2024

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VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR - REFLECTED CEILING PLAN
Approved:
Phase: CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT
Location: 5500 E KELLOGG AVE, WICHITA, KS
Issue Date: 05/17/2024
Checked: RJO
Drawn: JJG
Project Number: 589A7-23-305
Building Number: 2
Drawing Number: AC101

VA FORM 08 - 6231

Autodesk Docs://16721800/1 589A7-23-305 Prepare Site for Choice Dining/589A7-23-305.B02.Arch_R23_16721800-Existing.rvt
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# DOOR SCHEDULE

| DOOR NUMBER | ROOM NAME | DOOR SIZE | HARDWARE | DOOR MATERIAL | DOOR TYPE | DOOR FINISH | FRAME TYPE | FRAME MATERIAL | FRAME FINISH | FIRE RATING | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112 | MULTIPURPOSE ROOM | 3'-0" x 7'-0" | HW-3G | WD | F | STN-1 | 1 | HM | PT-2 | 45-MIN | |
| 113 | SUPERVISORS OFFICE | 3'-0" x 7'-0" | HW-3G | WD | F | STN-1 | 1 | HM | PT-2 | 45-MIN | |

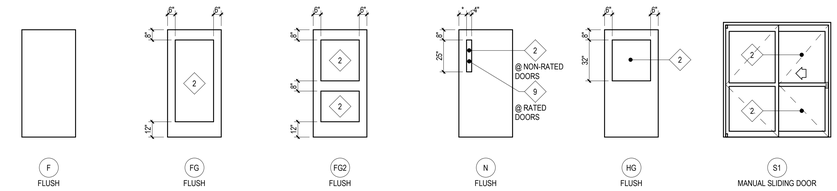
| KEY | REMARKS |
|---|---|
| A | |

# GLASS TYPE SCHEDULE

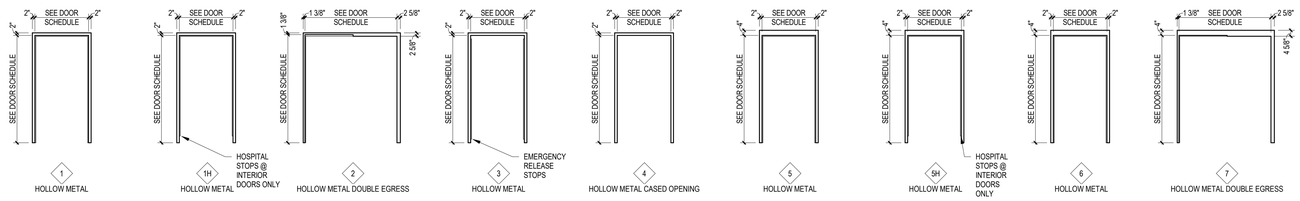
| REF | TYPE | Description | Thickness | Remarks |
|---|---|---|---|---|
| LG-1 | TYPE 1 | CLEAR, LAMINATED TEMPERED FLOAT | SEE SPECIFICATIONS | -- |

GLASS TYPE SCHEDULE NOTES:

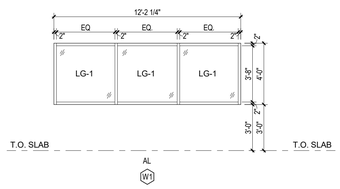
A: COMPLY WITH UL LEVEL 3 PROTECTION LEVEL, SPSA - SUPER POWER SMALL ARMS
B: SEE SPECIFICATION SECTION 08 80 00, SEALED GLASS UNITS WITH OPERABLE LOUVERS
C: PLASTIC THUMBWHEEL OPERATOR, ACCESSIBLE FROM BOTH SIDES
D: DOOR UNIT ASSEMBLY, COORDINATE WITH DOOR & HARDWARE SCHEDULE



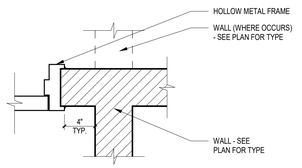

## 1 DOOR TYPES
1/4" = 1'-0"



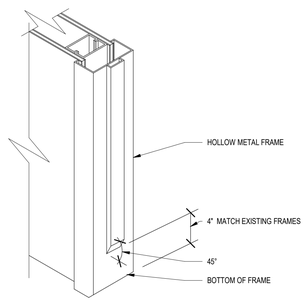

## 2 FRAME TYPES
1/4" = 1'-0"



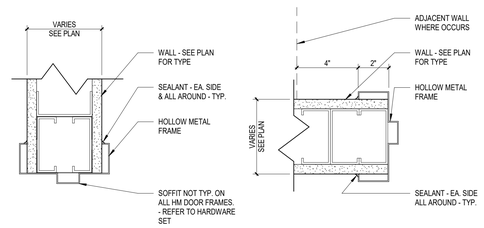

## 3 WINDOW TYPES
1/4" = 1'-0"



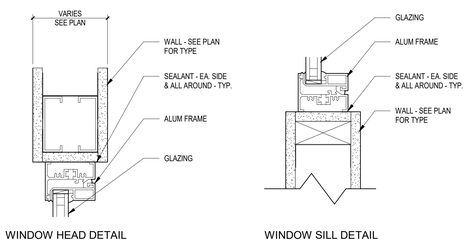

## 4 DOOR FRAME OFFSET
1 1/2" = 1'-0"



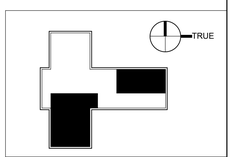

## 5 HOSPITAL STOPS
1 1/2" = 1'-0"




## 6 DOOR DETAILS
3" = 1'-0"




## 7 WINDOW DETAILS
3" = 1'-0"




KEY PLAN

| Mark | Revisions: | Date: |
|---|---|---|

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| Drawing Title | Phase | Project Title | Project Number |
|---|---|---|---|
| DOOR AND WINDOW TYPES, SCHEDULES, AND DETAILS | CONSTRUCTION DOCUMENTS | PREPARE SITE FOR CHOICE DINING EQUIPMENT | 589A7-23-305 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Building Number: 2 |
| | | Issue Date: 05/17/2024 · Checked: RJO · Drawn: JJG | Drawing Number: AE701 |

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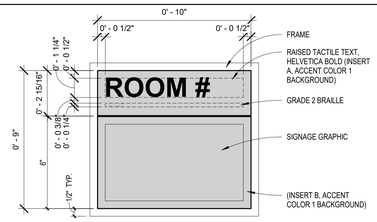
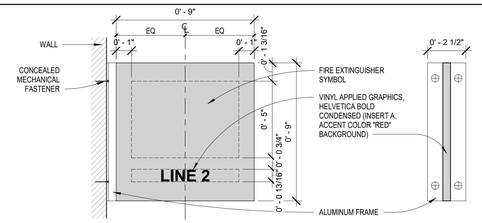
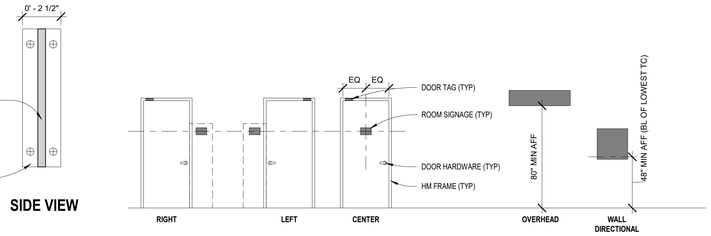



FRONT VIEW




FRONT VIEW

NOTES:
1. SAME MESSAGE ON BOTH FACES, UNO.




SIDE VIEW




## ROOM FINISH SCHEDULE

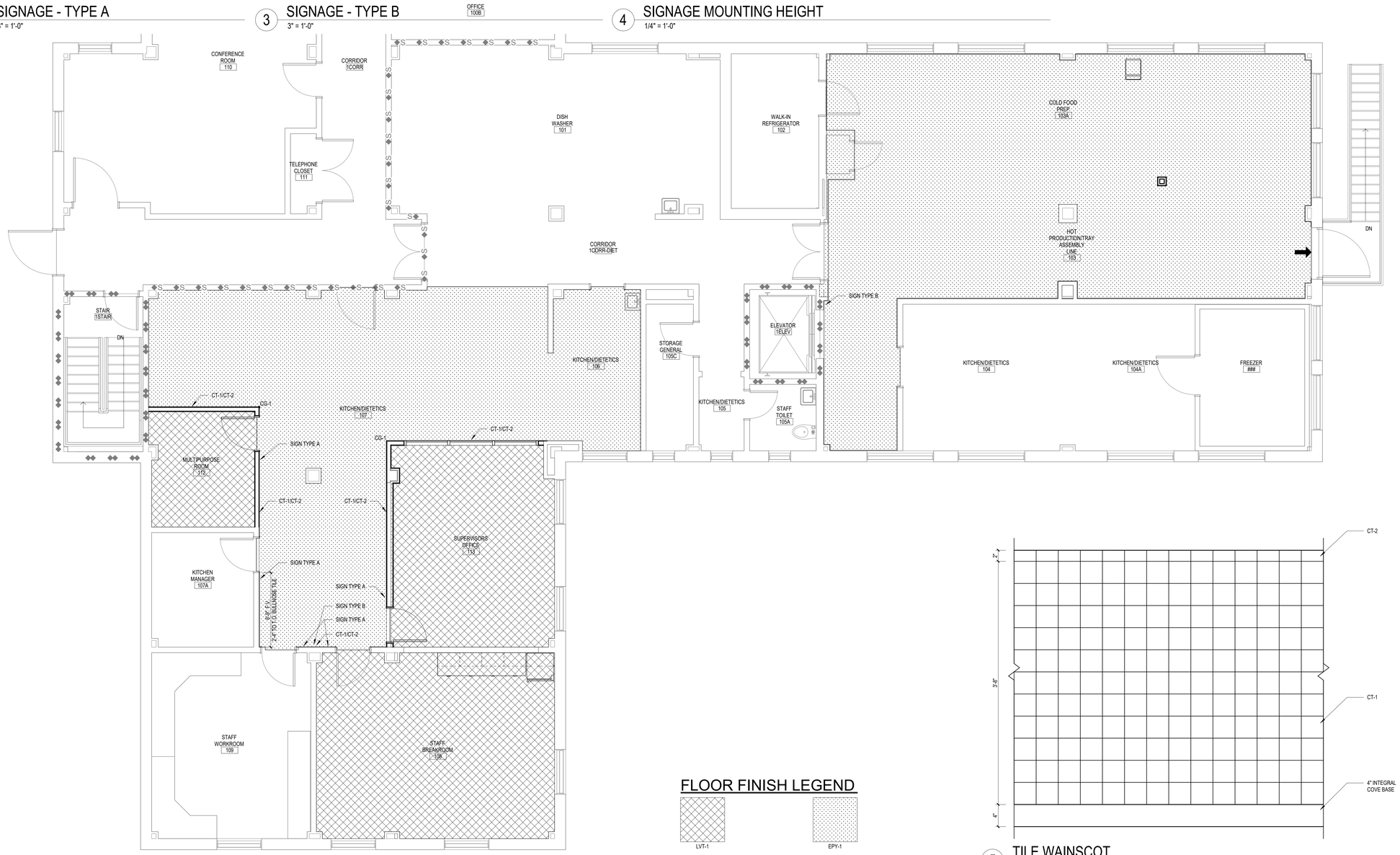
| ROOM NUMBER | ROOM NAME | FLOOR | BASE | WALLS NORTH | WALLS EAST | WALLS SOUTH | WALLS WEST | CEILING MATERIAL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 103 | HOT PRODUCTION/TRAY ASSEMBLY LINE | EPY-1 | EPY-1 ICB 4" | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | |
| 103A | COLD FOOD PREP | EPY-1 | EPY-1 ICB 4" | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | |
| 106 | KITCHEN/DIETETICS | EPY-1 | EPY-1 ICB 4" | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | |
| 107 | KITCHEN/DIETETICS | EPY-1 | EPY-1 ICB 4" | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | A. |
| 107A | KITCHEN MANAGER | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | |
| 108 | STAFF BREAKROOM | LVT-1 | RB-1 | P-1 | P-1 | P-1 | P-1 | AT-1 | |
| 109 | STAFF WORKROOM | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | |
| 112 | MULTIPURPOSE ROOM | EXISTING | EXISTING | P-1 | P-1 | P-1 | P-1 | AT-1 | |
| 113 | SUPERVISORS OFFICE | LVT-1 | RB-1 | P-1 | P-1 | P-1 | P-1 | AT-1 | |

| KEY | REMARKS |
|---|---|
| A | REFER TO DETAIL 2/IN-101 & FINISH FLOOR PLAN FOR DETAILS. |

2 SIGNAGE - TYPE A
3" = 1'-0"

3 SIGNAGE - TYPE B
3" = 1'-0"

4 SIGNAGE MOUNTING HEIGHT
1/4" = 1'-0"




1 FIRST FLOOR - FINISH FLOOR PLAN
1/4" = 1'-0"

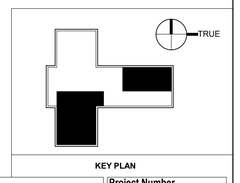
## FLOOR FINISH LEGEND

LVT-1

EPY-1




5 TILE WAINSCOT
1 1/2" = 1'-0"




KEY PLAN

| Mark | Revisions: | Date: |
|---|---|---|

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ARCHITECT RICHARD JOSEPH ORKEN A-5125 STATE OF NEBRASKA
05/17/2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL FINISH PLAN, SIGNAGE, & SCHEDULE

Approved:

Phase: CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT

Location: 5500 E KELLOGG AVE, WICHITA, KS

Issue Date: 05/17/2024

Checked: RJO

Drawn: JJG

Project Number: 589A7-23-305

Building Number: 2

Drawing Number: IN101

VA FORM 08 - 6231

Autodesk Docs://167218001 589A7-23-305 Prepare Site for Choice Dining/589A7-23-305.B02.Arch_R23_167218001-Existing.rvt

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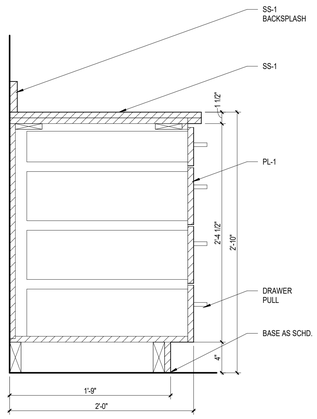
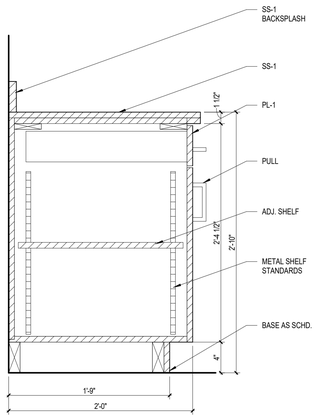
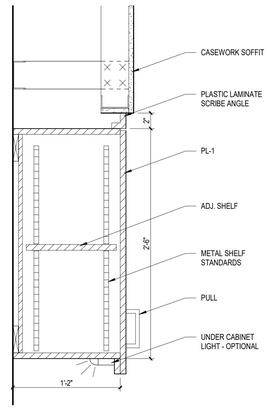


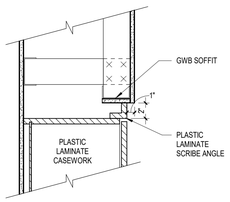

1 BASE CABINET SECTION
1 1/2" = 1'-0"



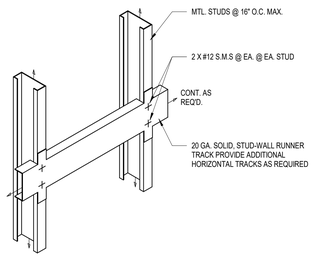

2 BASE CABINET SECTION
1 1/2" = 1'-0"



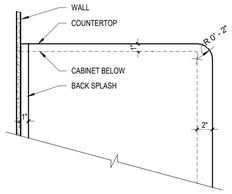

3 UPPER CABINET SECTION
1 1/2" = 1'-0"



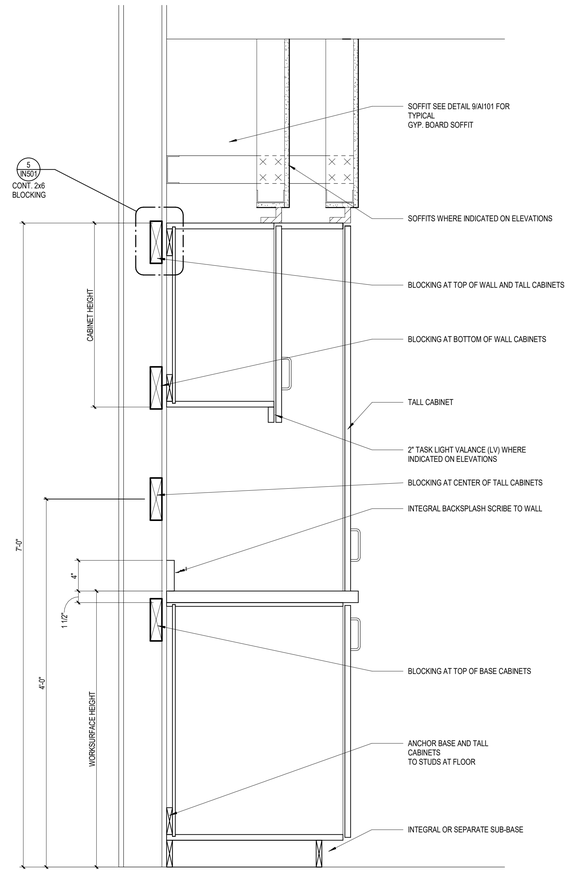

4 CASEWORK SOFFIT
1 1/2" = 1'-0"




5 TYP. WALL BACKING DETAILS
1 1/2" = 1'-0"



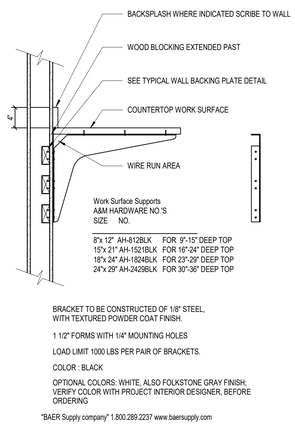

6 CASEWORK COUNTERTOP EDGE
1 1/2" = 1'-0"



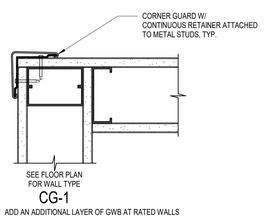

7 CASEWORK GROUNDING
1 1/2" = 1'-0"

## CASEWORK GENERAL NOTES

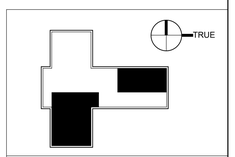
1. ARCHITECTURAL CASEWORK ELEVATIONS ARE COVERED UNDER SPECIFICATION SECTION 12 32 00.
2. ALL GENERAL NOTES ARE REQUIRED THROUGHOUT CASEWORK SERIES SHEETS UNLESS NOTED OTHERWISE AT SPECIFIC LOCATION ON THE DRAWINGS.
3. COUNTERTOPS SHALL BE SOLID SURFACE MATERIAL SSM-1 25" DEEP AND HAVE 2" MINIMUM RADIUS ON EXPOSED CORNERS.
4. BACKSPLASHES AND END SPLASHES MAY BE FIELD APPLIED.
5. CABINET WIDTHS AND DEPTHS SHOWN ARE NOMINAL. OUR INTENT IS TO USE CABINET MANUFACTURER'S STANDARD PRODUCT SIZES.
6. WALL CABINETRY SHOWN AS 15" DEEP SHALL HAVE A MINIMUM CLEAR INSIDE DEPTH OF 13".
7. CASEWORK CONTRACTOR SHALL PROVIDE 1" MINIMUM SCRIBE AT ALL CABINET-WALL ADJACENCIES.
8. CASEWORK CONTRACTOR SHALL PROVIDE CABLE GROMMET AT EACH UNDER COUNTER POWER OR SYSTEMS OUTLET WHERE THERE IS AN EQUIPMENT ITEM SHOWN ON THE COUNTERTOP. SEE E-SERIES DRAWINGS FOR COORDINATION.
9. TYPICAL LOCATION OF CORD GROMMET IS 2" IN FRONT OF BACKSPLASH AND 12" LEFT OF CENTERLINE OF KNEESPACE/CABINET. SEE E-SERIES DRAWINGS FOR COORDINATION.
10. CASEWORK CONTRACTOR SHALL PROVIDE 2" VALANCE FOR TASK LIGHTING AS SHOWN IN CASEWORK DETAILS. SEE E-SERIES DRAWINGS FOR COORDINATION OF TASK LIGHTS LOCATIONS.
11. CASEWORK CONTRACTOR SHALL PROVIDE CUT-OUTS FOR COUNTERTOP SINKS AS SCHEDULED IN P-SERIES DRAWINGS/SPECS.
12. WALL AND TALL CABINETRY SHALL HAVE VERTICAL GWB SOFFITS TO CEILING ABOVE. VERIFY CEILING HEIGHTS WITH ROOM FINISH SCHEDULE AND/OR REFLECTED CEILING PLAN.
14. ELECTRICAL, MECHANICAL AND PLUMBING OUTLETS ARE SHOWN IN SOME LOCATIONS, HOWEVER ALL OUTLETS MAY NOT BE SHOWN. COORDINATE LOCATIONS OF ALL OUTLETS WITH APPLICABLE CONTRACTOR.
15. SEALING OF JOINTS, PROVIDE SILICONE SEALANT:
    A. SEAL CASEWORK, COUNTERTOPS AND SPLASHES TO WALL. TO SEAL JOINTS.
        1. SEALANT COLOR TO MATCH COUNTERTOP COLOR.
    B. SEAL PERIMETER OF COUNTER MOUNTED SINK FIXTURES.
        1. SEALANT COLOR TO MATCH COUNTERTOP OR SINK COLOR.
    C. SEAL WINDOW SILLS TO WALL AND WINDOW FRAMES TO SEAL JOINTS.
        1. SEALANT COLOR TO MATCH COLOR OF SILL MATERIAL SPECIFIED.
16. EDGES OF RAW FIBERBOARD TO BE SEALED WITH POLYURETHANE BEFORE ASSEMBLY.
17. PROVIDE ACCESS PANELS TO WIRING AS REQUIRED.
18. ALL CASEWORK EXPOSED SURFACES ARE TO RECEIVE PLASTIC LAMINATE PL-1. UNO




8 CASEWORK SUPPORT BRACKET
1" = 1'-0"




9 CORNER GUARDS
3" = 1'-0"




KEY PLAN

| Mark | Revisions: | Date: |
|---|---|---|
| | | |

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ARCHITECT
RICHARD J. ZEMAN
OMKEN
A-5125
STATE OF NEBRASKA
05/17/2024

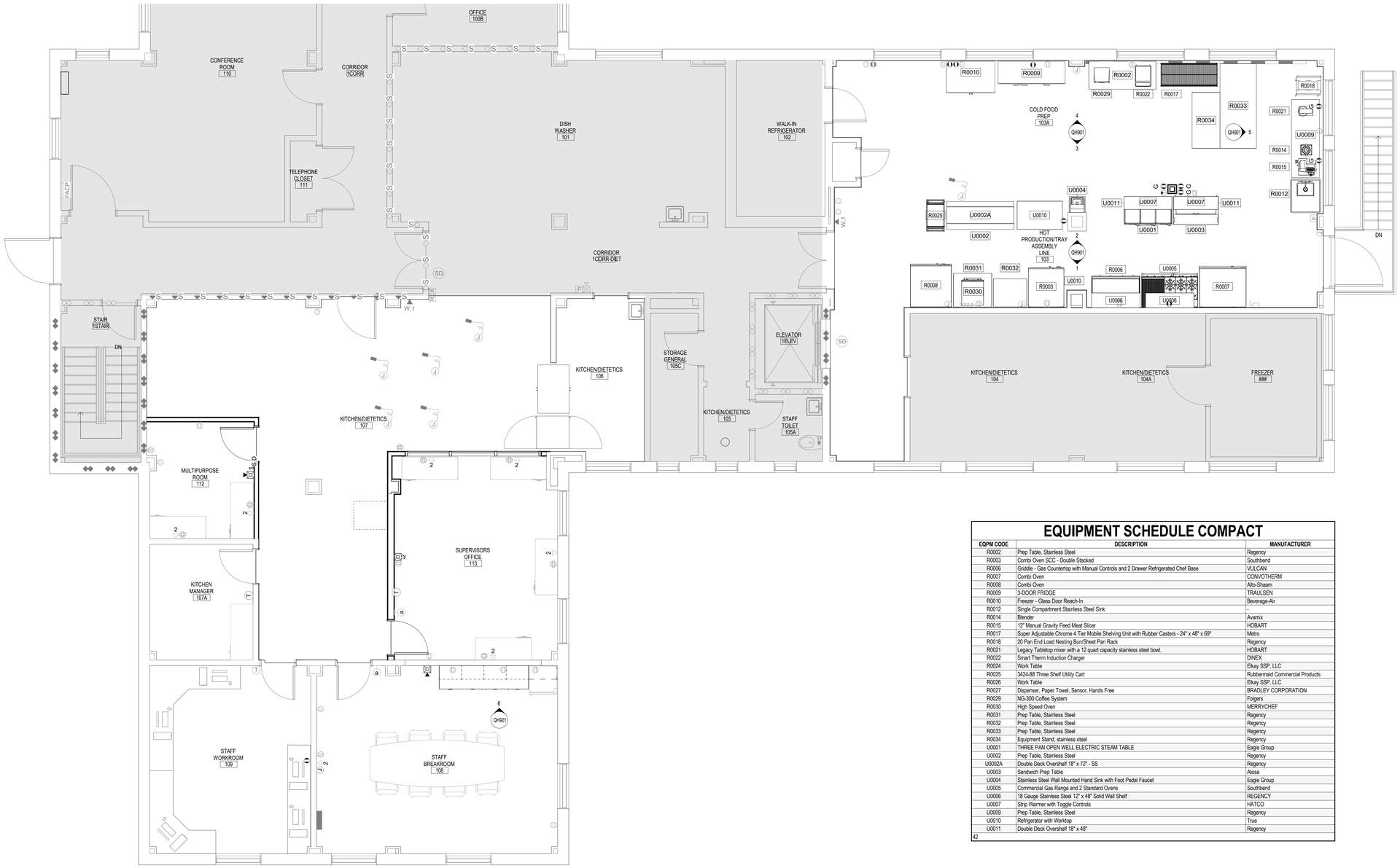
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| Drawing Title | Phase | Project Title | Project Number |
|---|---|---|---|
| CASEWORK SECTIONS | CONSTRUCTION DOCUMENTS | PREPARE SITE FOR CHOICE DINING EQUIPMENT | 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: IN501 |
| | | Issue Date: 05/17/2024 · Checked: RJO · Drawn: JJG | |

VA FORM 08 - 6231

Autodesk Docs://16721801/589A7-23-305 Prepare Site for Choice Dining/589A7-23-305.B02.Arch_R23_16721801-Existing.rvt 5/20/2024 3:42:35 PM




1 FIRST FLOOR - EQUIPMENT FLOOR PLAN

1/4" = 1'-0"

## GENERAL NOTES

1 ALL NEW CONSTRUCTION IS INDICATED BOLD OR FULL TONE.

2 ALL INTERIOR WALLS WILL BE TYPE "A" CONSTRUCTION UNLESS OTHERWISE INDICATED. REFER TO SHEET A-002.

3 ALL INTERIOR WALLS WILL BE TYPE "A" CONSTRUCTION UNLESS OTHERWISE INDICATED. REFER TO SHEET A-002

4 ALL METAL STUD AND GYPSUM WALLBOARD PARTITIONS ARE DIMENSIONED TO THE OUTSIDE FACE AND TO COLUMN GRID UNLESS OTHERWISE NOTED.

5 WHEN WALL PARTITIONS OF DIFFERENT FIRE RATING INTERSECT, THE HIGHEST RATED PARTITION TAKES PRECEDENT. MAINTAIN RATING BEHIND FIRE EXTINGUISHER CABINETS, ETC.

6 CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

7 REFER TO THE Q SERIES FOR ARCHITECTURAL EQUIPMENT NUMBERS.

8 REFER TO SHEET A-003 FOR TYPICAL BACKING DETAIL WITHIN INTERIOR WALL PARTITION, HANDRAILS, CUBICAL CURTAIN TRACKS, CORNER GUARDS ETC.

9 ALL EXISTING TO REMAIN CEILING AND WALL GRILLES, DIFFUSERS AND LIGHTS ETC. TO BE CLEANED.

10 VERIFY THAT THE EXISTING WALLS REQUIRING FIRE RATING ARE MAINTAINED, REPAIRED AND EXTENDED TO STRUCTURE.

11 ALL CORRIDOR WALLS ARE REQUIRED TO BE SMOKE TIGHT, WHETHER THEY ARE FIRE RATED OR NOT. REPAIR AND EXTEND AT LEAST THE CORRIDOR SIDE OF NON-FIRE RATED CORRIDOR WALLS TO STRUCTURE, UNLESS NOTED OTHERWISE NOTED. SEE PARTITION TYPES SHEET.

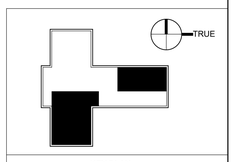
12 REFER TO LIFE SAFETY PLANS FOR LOCATION OF REQUIRED FIRE WALLS.

13 REFER TO SPECIFCATIONS FOR EXPANSION JOINT ASSEMBLIES. PROVIDE FIRE RATED EXPANSION JOINTS IN RATED FIRE WALLS, REFER TO LIFE SAFETY SERIES FOR FIRE RATINGS.

14 ALL FURNITURE SHOWN HALF TONE WILL BE OWNER FURNISHED AND OWNER INSTALLED.

## EQUIPMENT SCHEDULE COMPACT

| EQPM CODE | DESCRIPTION | MANUFACTURER |
|---|---|---|
| R0002 | Prep Table, Stainless Steel | Regency |
| R0003 | Combi Oven SCC - Double Stacked | Southbend |
| R0006 | Griddle - Gas Countertop with Manual Controls and 2 Drawer Refrigerated Chef Base | VULCAN |
| R0007 | Combi Oven | CONVOTHERM |
| R0008 | Combi Oven | Alto-Shaam |
| R0009 | 3-DOOR FRIDGE | TRAULSEN |
| R0010 | Freezer - Glass Door Reach-In | Beverage-Air |
| R0012 | Single Compartment Stainless Steel Sink | - |
| R0014 | Blender | Avamix |
| R0015 | 12" Manual Gravity Feed Meat Slicer | HOBART |
| R0017 | Super Adjustable Chrome 4 Tier Mobile Shelving Unit with Rubber Casters - 24" x 48" x 69" | Metro |
| R0018 | 20 Pan End Load Nesting Bun/Sheet Pan Rack | Regency |
| R0021 | Legacy Tabletop mixer with a 12 quart capacity stainless steel bowl. | HOBART |
| R0022 | Smart Therm Induction Charger | DINEX |
| R0024 | Work Table | Elkay SSP, LLC |
| R0025 | 3424-88 Three Shelf Utility Cart | Rubbermaid Commercial Products |
| R0026 | Work Table | Elkay SSP, LLC |
| R0027 | Dispenser, Paper Towel, Sensor, Hands Free | BRADLEY CORPORATION |
| R0029 | NG-300 Coffee System | Folgers |
| R0030 | High Speed Oven | MERRYCHEF |
| R0031 | Prep Table, Stainless Steel | Regency |
| R0032 | Prep Table, Stainless Steel | Regency |
| R0033 | Prep Table, Stainless Steel | Regency |
| R0034 | Equipment Stand, stainless steel | Regency |
| U0001 | THREE PAN OPEN WELL ELECTRIC STEAM TABLE | Eagle Group |
| U0002 | Prep Table, Stainless Steel | Regency |
| U0002A | Double Deck Overshelf 18" x 72" - SS | Regency |
| U0003 | Sandwich Prep Table | Atosa |
| U0004 | Stainless Steel Wall Mounted Hand Sink with Foot Pedal Faucet | Eagle Group |
| U0005 | Commercial Gas Range and 2 Standard Ovens | Southbend |
| U0006 | 18 Gauge Stainless Steel 12" x 48" Solid Wall Shelf | REGENCY |
| U0007 | Strip Warmer with Toggle Controls | HATCO |
| U0009 | Prep Table, Stainless Steel | Regency |
| U0010 | Refrigerator with Worktop | True |
| U0011 | Double Deck Overshelf 18" x 48" | Regency |
| 42 | | |




KEY PLAN

| Mark | Revisions: | Date: |
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ARCHITECT RICHARD JOSEPH ONKEN A-5125 STATE OF NEBRASKA

05/17/2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| | | | |
|---|---|---|---|
| Drawing Title: FIRST FLOOR - EQUIPMENT PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: QH101 |
| | | Issue Date: 05/17/2024 · Checked: RJO · Drawn: JJG | |

VA FORM 08 - 6231

Autodesk Docs://16721800\1 589A7-23-305 Prepare Site for Choice Dining/589A7-23-305 BIZ Arch_R23_16721800-Existing.rvt

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# Equipment Schedule

| EQPM CODE | DESCRIPTION | MANUFACTURER | MODEL | COUNT | URL |
|---|---|---|---|---|---|
| R0002 | Prep Table, Stainless Steel | Regency | Equipment Stand | 2 | https://www.webstaurantstore.com/regency-30-x-72-all-18-gauge-430-stainless-steel-commercial-work-table-with-undershelf/6007A3072S.html |
| R0003 | Combi Oven SCC - Double Stacked | Southbend | GS/2SSC | 2 | https://www.webstaurantstore.com/rational-selfcookingcenter-5-senses-model-62-b628206-19e-natural-gas-single-deck-combi-oven-208-240v/645B628206HN.html |
| R0006 | Griddle - Gas Countertop with Manual Controls and 2 Drawer Refrigerated Chef Base | VULCAN | 901VGT48CB48 | 1 | https://www.webstaurantstore.com/vcrg48-t1-48-ltg-with-48-avantco-refrig-chef-bse/901VGT48CB48.html |
| R0007 | Combi Oven | CONVOTHERM | C4ED6.20EB-N 208/240/3 | 1 | https://www.convotherm.com/product/fam_shplus/Convotherm-maxx-pro-easyTouch-610 |
| R0008 | Combi Oven | Alto-Shaam | 10-20EPRO 208-240/3 | 1 | https://www.katom.com/139-10205PRO208240I3.html?utm_source=google&utm_medium=cpc&utm_campaign=%5BROI%5D%20Dynamic%20Search%20-%20Top%20Cats&utm_id=9721080218&utm_content=150486981042&utm_term=&gad_source=1&gclid=EAIaIQobChMI3-LH26DsgqMVTFFHAR3P6Az7EAAYAyAAEgLFxvD_BwE |
| R0009 | 3-DOOR FRIDGE | TRAULSEN | - | 1 | |
| R0010 | Freezer - Glass Door Reach-In | Beverage-Air | RFA-2D-S1 / RFSA-2D-S1-EQ-PT-HC | 3 | https://www.ckitchen.com/p/victory-refrigeration-rfsa-2d-s1-ew-pt-hc-ultraspe.html |
| R0012 | Single Compartment Stainless Steel Sink | - | - | 1 | https://www.webstaurantstore.com/advance-tabco-93-2-36-regaline-two-compartment-stainless-steel-sink-44/10993236.html |
| R0014 | Blender | Avamix | 928BX1GSS | 1 | https://www.webstaurantstore.com/avamix-bx1gss-3-3-4-hp-1-gallon-stainless-steel-high-volume-commercial-food-blender-120v/928BX1GSS.html |
| R0015 | 12" Manual Gravity Feed Meat Slicer | HOBART | 2812 | 1 | chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.hobart.com.mx/pdf/FichaTec/F-39543.pdf |
| R0017 | Super Adjustable Chrome 4 Tier Mobile Shelving Unit with Rubber Casters - 24" x 48" x 69" | Metro | A556BC | 1 | https://www.webstaurantstore.com/metro-a556bc-super-adjustable-chrome-4-tier-mobile-shelving-unit-with-rubber-casters-24-x-48-x-69/461A556BC.html |
| R0018 | 20 Pan End Load Nesting Bun/Sheet Pan Rack | Regency | 600PR1820Z | 1 | www.regencytablesandsinks.com |
| R0021 | Legacy Tabletop mixer with a 12 quart capacity stainless steel bowl. | HOBART | HL120-15TD | 1 | https://www.webstaurantstore.com/hobart-legacy-hl120-12-qt-commercial-planetary-stand-mixer-with-accessories-120v-1-2-hp/429HL1201STD.html |
| R0022 | Smart Therm Induction Charger | DINEX | DXSMA2081 | 1 | https://aladdinternprite.com/heat-on-demand-advantage-activator-208-volt.html |
| R0024 | Work Table | Elkay SSP, LLC | Equipment Stand | 1 | http://www.elkayfoodservice.com/detail_product_page.asp?id=WT24X48-STGX |
| R0025 | 3424-88 Three Shelf Utility Cart | Rubbermaid Commercial Products | FG342488 BLA | 1 | http://www.rubbermaidcommercial.com/rcp/products/detail.jsp?rcpNum=3424-88 |
| R0026 | Work Table | Elkay SSP, LLC | Equipment Stand | 1 | http://www.elkayfoodservice.com/detail_product_page.asp?id=WT24X48-STGX |
| R0027 | Dispenser, Paper Towel, Sensor, Hands Free | BRADLEY CORPORATION | 2494 | 1 | https://media.sustainablesupply.com/pdf/Bradley-Electronic-Sensor-Roll-Towel-Dispenser-2494-techdata.pdf |
| R0029 | NG-300 Coffee System | Fotgers | NG-300 | 1 | chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.catlifd.com/uploads/1/3/0/7/13078965 4/bng300b.pdf |
| R0030 | High Speed Oven | MERRYCHEF | eikon e4 | 1 | https://www.merrychef.com/product/fam_fpwehi/Merrychef-eikon-e4 |
| R0031 | Prep Table, Stainless Steel | Regency | Equipment Stand | 1 | https://www.webstaurantstore.com/regency-30-x-72-all-18-gauge-430-stainless-steel-commercial-work-table-with-undershelf/6007A3072S.html |
| R0032 | Prep Table, Stainless Steel | Regency | Equipment Stand | 1 | https://www.webstaurantstore.com/regency-30-x-72-all-18-gauge-430-stainless-steel-commercial-work-table-with-undershelf/6007A3072S.html |
| R0033 | Prep Table, Stainless Steel | Regency | Equipment Stand | 1 | https://www.webstaurantstore.com/regency-30-x-72-all-18-gauge-430-stainless-steel-commercial-work-table-with-undershelf/6007A3072S.html |
| R0034 | Equipment Stand, stainless steel | Regency | Equipment Stand | 1 | www.sspinc.net |
| U0001 | THREE PAN OPEN WELL ELECTRIC STEAM TABLE | Eagle Group | SHT3CB-120 | 1 | chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.webstaurantstore.com/documents/pdf/eagle_advantage_for_hot_food_tables.pdf |
| U0002 | Prep Table, Stainless Steel | Regency | Equipment Stand | 1 | https://www.webstaurantstore.com/regency-30-x-72-all-18-gauge-430-stainless-steel-commercial-work-table-with-undershelf/6007A3072S.html |
| U0002A | Double Deck Overshelf 18" x 72" - SS | Regency | Overshelf for Prep Table | 1 | https://www.webstaurantstore.com/regency-stainless-steel-double-deck-overshelf-18-x-72-x-32/600DOS1872.html |
| U0003 | Sandwich Prep Table | Atosa | MSF8302GR | 1 | https://atosausa.com/product/msf8302gr/ |
| U0004 | Stainless Steel Wall Mounted Hand Sink with Foot Pedal Faucet | Eagle Group | P1916 | 1 | https://www.webstaurantstore.com/eagle-group-p1916-stainless-steel-pedestal-hand-sink-with-foot-pedal-faucet/575P1916.html?utm_source=google&utm_medium=cpc&utm_campaign=GoogleShopping&gclid=EAIaIQobChMI_PCovr37ggMVxBJIChfJAUREAQYASABEgKbh_D_BwE |
| U0005 | Commercial Gas Range and 2 Standard Ovens | Southbend | 4601DD | 1 | chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://southbendnc.com/wp-content/uploads/2020/08/460.pdf |
| U0006 | 18 Gauge Stainless Steel 12" x 48" Solid Wall Shelf | REGENCY | 600WS1248 | 2 | https://www.webstaurantstore.com/regency-18-gauge-stainless-steel-12-x-48-solid-wall-shelf/600WS1248.html |
| U0007 | Strip Warmer with Toggle Controls | HATCO | GRA-36 | 2 | https://www.hatcocorp.com/en/equipment/food-holding-serving-equipment/commercial-heat-lamps/glo-ray-aluminum-infrared-strip-heater-gra |
| U0009 | Prep Table, Stainless Steel | Regency | Equipment Stand | 1 | https://www.webstaurantstore.com/regency-adjustable-stainless-steel-work-table-undershelf-for-30-x-84-tables-18-gauge/600UT3084S.html |
| U0010 | Refrigerator with Worktop | True | TUC-48G-HC-FGD01 | 1 | https://www.katom.com/598-TUC48G.htm |
| U0011 | Double Deck Overshelf 18" x 48" | Regency | Double Overshelf | 2 | https://www.webstaurantstore.com/regency-stainless-steel-double-deck-overshelf-18-x-48-x-32/600DOS1848.html |

42

# Temporary Kitchen Equipment

| JSN | QTY | ACQ CODE | DESCRIPTION | MANUFACTURER | MODEL |
|---|---|---|---|---|---|
| U0021 | 4 | CC | Countertop Induction Range | Avantco | 177ID1800 |
| U0022 | 1 | CC | Convection Oven, Electric, Double Deck | Southbend | 8ES/27SC |
| U0023 | 1 | CC | Universal Ventless Hood | Wells | WVU-96 |

| Mark | Revisions: | Date: |
|---|---|---|

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ARCHITECT RICHARD J. OHKEN A-5125 STATE OF NEBRASKA
05/17/2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EQUIPMENT SCHEDULE

Approved:

Phase: CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT

Location: 5500 E KELLOGG AVE, WICHITA, KS

Issue Date: 05/17/2024 | Checked: RJO | Drawn: JJG

Project Number: 589A7-23-305

Building Number: 2

Drawing Number: QH601

Autodesk Docs://1672180/1 589A7-23-305 Prepare Site for Choice Dining/589A7-23-305 B02 Arch_R23_167218001-Existing.rvt
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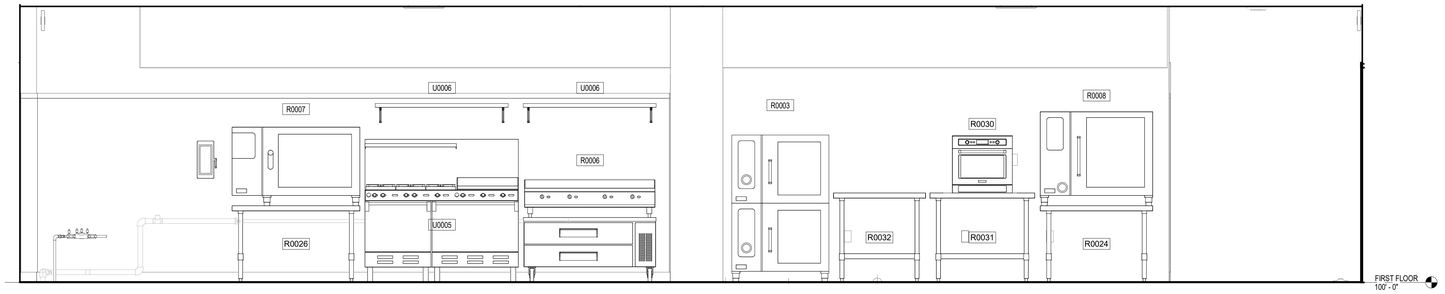
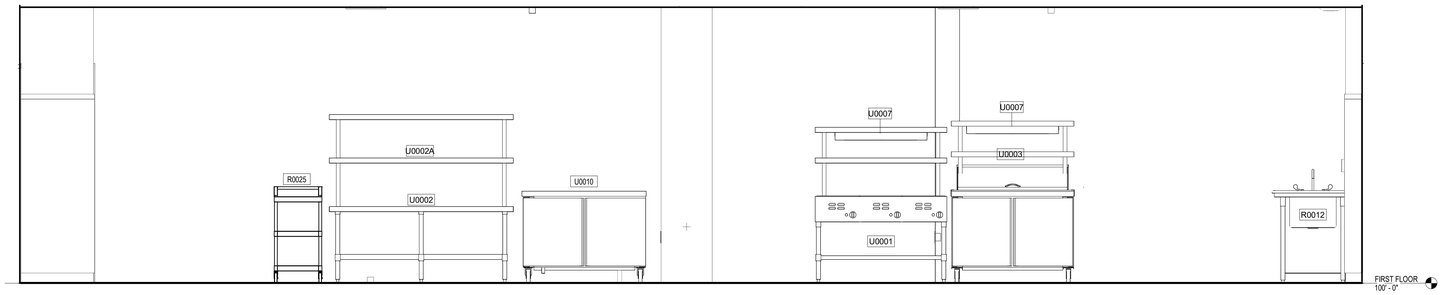
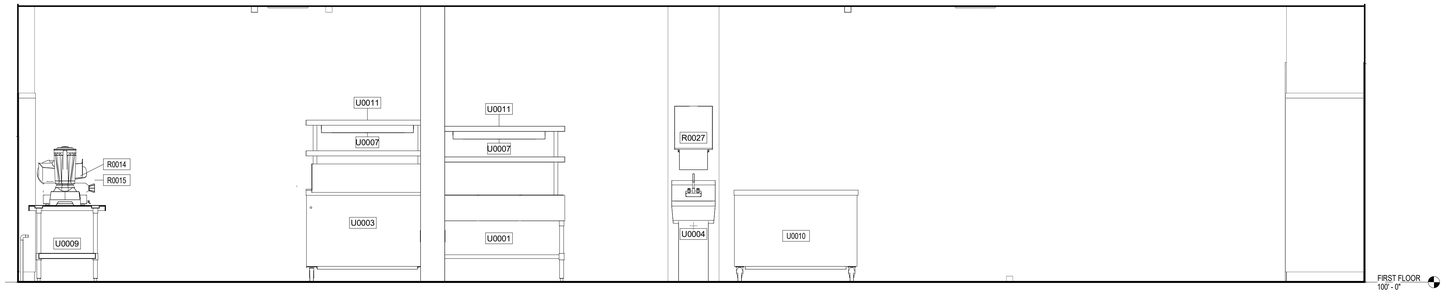
VA FORM 08 - 6231



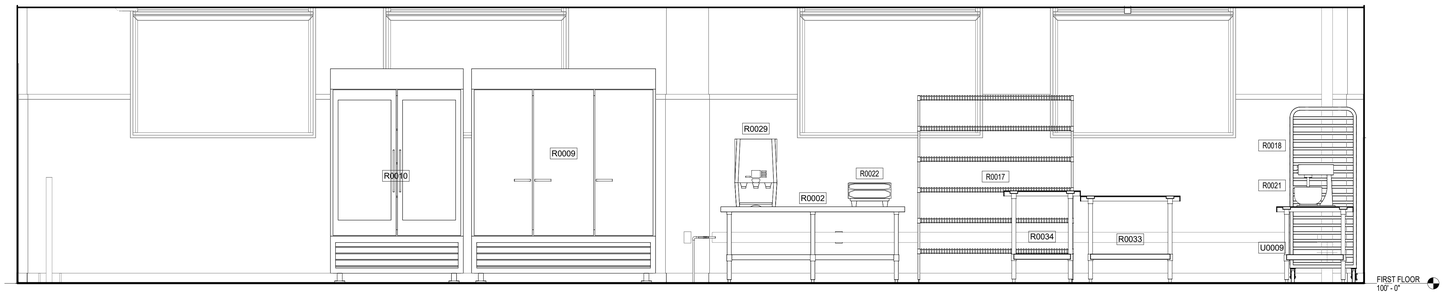

1 HOT PRODUCTION/TRAY ASSEMBLY LINE - SOUTH
1/2" = 1'-0"




2 HOT PRODUCTION/TRAY ASSEMBLY LINE - NORTH
1/2" = 1'-0"




3 COLD FOOD PREP - SOUTH
1/2" = 1'-0"

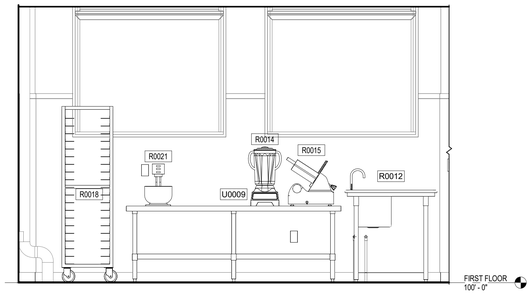



4 COLD FOOD PREP - NORTH
1/2" = 1'-0"

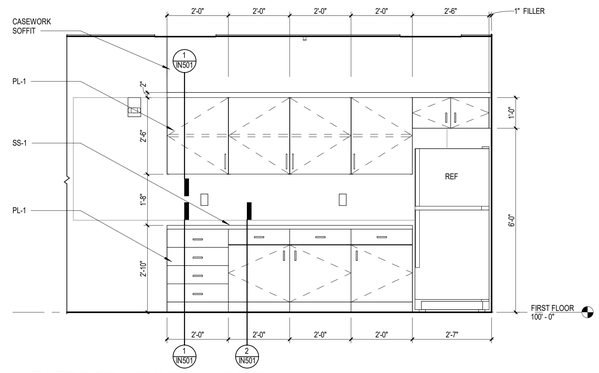
## EQUIPMENT SCHEDULE COMPACT

| EQPM CODE | DESCRIPTION | MANUFACTURER |
|---|---|---|
| R0002 | Prep Table, Stainless Steel | Regency |
| R0003 | Combi Oven SCC - Double Stacked | Southbend |
| R0006 | Griddle - Gas Countertop with Manual Controls and 2 Drawer Refrigerated Chef Base | VULCAN |
| R0007 | Combi Oven | CONVOTHERM |
| R0008 | Combi Oven | Alto-Shaam |
| R0009 | 3-DOOR FRIDGE | TRAULSEN |
| R0010 | Freezer - Glass Door Reach-In | Beverage-Air |
| R0012 | Single Compartment Stainless Steel Sink | - |
| R0014 | Blender | Avamix |
| R0015 | 12" Manual Gravity Feed Meat Slicer | HOBART |
| R0017 | Super Adjustable Chrome 4 Tier Mobile Shelving Unit with Rubber Casters - 24" x 48" x 69" | Metro |
| R0018 | 20 Pan End Load Nesting Bun/Sheet Pan Rack | Regency |
| R0021 | Legacy Tabletop mixer with a 12 quart capacity stainless steel bowl. | HOBART |
| R0022 | Smart Therm Induction Charger | DINEX |
| R0024 | Work Table | Elkay SSP, LLC |
| R0025 | 34X4-88 Three Shelf Utility Cart | Rubbermaid Commercial Products |
| R0026 | Work Table | Elkay SSP, LLC |
| R0027 | Dispenser, Paper Towel, Sensor, Hands Free | BRADLEY CORPORATION |
| R0029 | NG-300 Coffee System | Folgers |
| R0030 | High Speed Oven | MERRYCHEF |
| R0031 | Prep Table, Stainless Steel | Regency |
| R0032 | Prep Table, Stainless Steel | Regency |
| R0033 | Prep Table, Stainless Steel | Regency |
| R0034 | Equipment Stand, stainless steel | Regency |
| U0001 | THREE PAN OPEN WELL ELECTRIC STEAM TABLE | Eagle Group |
| U0002 | Prep Table, Stainless Steel | Regency |
| U0002A | Double Deck Overshelf 18" x 72" - SS | Regency |
| U0003 | Sandwich Prep Table | Atosa |
| U0004 | Stainless Steel Wall Mounted Hand Sink with Foot Pedal Faucet | Eagle Group |
| U0005 | Commercial Gas Range and 2 Standard Ovens | Southbend |
| U0006 | 18 Gauge Stainless Steel 12" x 48" Solid Wall Shelf | REGENCY |
| U0007 | Strip Warmer with Toggle Controls | HATCO |
| U0009 | Prep Table, Stainless Steel | Regency |
| U0010 | Refrigerator with Worktop | True |
| U0011 | Double Deck Overshelf 18" x 48" | Regency |

42

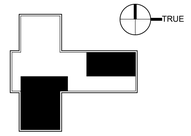



5 COLD FOOD PREP - EAST
1/2" = 1'-0"




6 STAFF BREAKROOM - NORTH
1/2" = 1'-0"

QR CODE - MAIN KITCHEN




KEY PLAN

| Mark | Revisions: | Date: |
|---|---|---|

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ARCHITECT RICHARD JOSEPH OKKEN 4-5125 STATE OF NEBRASKA
05/17/2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EQUIPMENT ELEVATIONS

Approved:

Phase: CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT

Location: 5500 E KELLOGG AVE, WICHITA, KS

Issue Date: 05/17/2024

Checked: RJO

Drawn: JJG

Project Number: 589A7-23-305

Building Number: 2

Drawing Number: QH901

VA FORM 08 - 6231

Autodesk Docs://16721801 589A7-23-305 Prepare Site for Choice Dining/589A7-23-305 B02 Arch_R23_16721801-Existing.rvt

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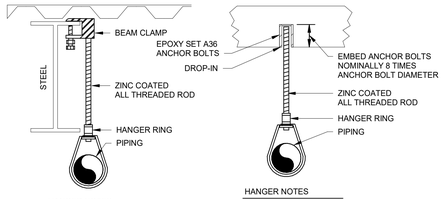
# FIRE SUPPRESSION SYMBOLS LEGEND

**(AS APPLICABLE)**

| SYMBOL | DESCRIPTION |
|---|---|
| SM-X | SPRINKLER MAIN (X DENOTES SPRINKLER ZONE NUMBER IF APPLICABLE) |
| F | FIRE MAIN PIPE |
| FDC | FIRE DEPARTMENT CONNECTION PIPE |
| FTH | FIRE TEST HEATER PIPE |
| PIV CO | POST INDICATOR VALVE |
| | PRESSURE GAUGE |
| | EXPOSED PENDANT SPRINKLER |
| R | SEMI-RECESSED PENDANT SPRINKLER |
| C | CONCEALED PENDANT SPRINKLER |
| | UPRIGHT SPRINKLER |
| | EXPOSED SIDEWALL SPRINKLER |
| R | SEMI-RECESSED SIDEWALL SPRINKLER |
| C | CONCEALED SIDEWALL SPRINKLER |
| D | DRY EXPOSED PENDANT SPRINKLER |
| DR | DRY SEMI-RECESSED PENDANT SPRINKLER |
| DC | DRY CONCEALED PENDANT SPRINKLER |
| | POINT OF DISCONNECT |
| | NEW CONNECTION POINT |

**NOTE**
ITEMS SHOWN IN HALFTONE ARE EXISTING TO REMAIN.
ITEMS SHOWN IN DARK DASHED LINE ARE TO BE DEMOLISHED.
ITEMS SHOWN IN DARK BOLD SOLID LINE ARE NEW TO BE PROVIDED.
PIPE SIZE INDICATED ON PLANS.




HANGER NOTES

| | |
|---|---|
| 1"-1 1/4" | EVERY 12'-0" |
| 1 1/2"-6" | EVERY 15'-0" |
| 3/8" ROD 1"-4", 1/2" ROD 6" | |

HANGER NOTES

| | |
|---|---|
| 1"-1 1/4" | EVERY 12'-0" |
| 1 1/2"-3" | EVERY 15'-0" |
| 4"-6" | EVERY 10'-0" |
| 3/8" ROD 1"-4", 1/2" ROD 6" | |

GENERAL NOTES:
1. HANG ALL ARMOVERS LONGER THAN 2'-0".
2. ALL HANGERS PER NFPA 13.
3. THERE SHALL BE NOT BE LESS THAN ONE HANGER FOR EACH SECTION OF PIPE.
4. ALL RODS SHALL BE ZINC COATED UNLESS OTHERWISE NOTED.

## 1 HANGER DETAILS
NOT TO SCALE

# GENERAL FIRE SUPPRESSION NOTES
APPLY TO ALL FIRE SUPPRESSION SHEETS

FIRE PROTECTION WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

A. PROVIDE A COMPLETE AND OPERABLE SYSTEM IN COMPLIANCE WITH ALL APPLICABLE STATE AND LOCAL CODES, LAWS AND REGULATIONS. SYSTEM SHALL INCLUDE ALL REQUIRED SPRINKLERS, PIPING, SUPPORTS, VALVES, SWITCHES, OUTSIDE AUDIO/VISUAL NOTIFICATION DEVICE, FIRE DEPARTMENT CONNECTION (FDC), COMBINATION MAIN DRAIN AND INSPECTOR'S TEST CONNECTION AND ALL VALVES, ETC.
B. ALL AREAS OF THE BUILDING INDICATED SHALL BE SPRINKLERED ACCORDING TO THE LATEST STATE ADOPTED EDITION OF APPLICABLE NFPA STANDARDS, SPECIFICALLY NFPA 13 AND 24. ENTIRE SYSTEM SHALL BE INSTALLED PER ??? STATE FIRE MARSHAL REQUIREMENTS AND REQUIREMENTS OF THE CITY OF ??? FIRE DEPARTMENT.
C. DESIGN SHALL BE BASED ON HYDRAULIC CALCULATIONS PER NFPA 13, WITH SHOP DRAWINGS PREPARED ACCORDING TO THE REQUIREMENTS OF THE ??? STATE FIRE MARSHAL. CALCULATIONS SHALL BEGIN WITH THE REMOTE SPRINKLER AND END AT THE TEST HYDRANT NEAREST PLANNED TAP OF THE EXISTING DOMESTIC WATER SUPPLY.
D. COORDINATE ALL FIRE ALARM CONNECTION REQUIREMENTS WITH THE FIRE ALARM INSTALLING CONTRACTOR.
E. COORDINATE WATER SUPPLY REQUIREMENTS WITH THE PLUMBING INSTALLING CONTRACTOR. UNDERGROUND INSTALLING CONTRACTOR SHALL FLUSH THE UNDERGROUND FIRE MAIN IN ACCORDANCE WITH NFPA 24 GUIDELINES AND PROVIDE THE UNDERGROUND PIPING MATERIALS AND TESTING CERTIFICATE TO THE FIRE SPRINKLER INSTALLING CONTRACTOR FOR INCLUSION IN THE FINAL FIRE SUPPRESSION O&M MANUAL.
F. DRAWINGS ARE DIAGRAMMATIC, INTENDED TO CONVEY THE SCOPE OF WORK AND GENERAL ARRANGEMENT OF THE SYSTEM. COORDINATE THE SPRINKLER SYSTEM LAYOUT WITH ALL ARCHITECTURAL, STRUCTURAL, HVAC, PLUMBING AND ELECTRICAL COMPONENTS. PROVIDE OFFSETS AS NECESSARY TO AVOID CONFLICTS.
G. THE LAYOUT SHOWN IS TO DEPICT THE APPROXIMATE ROUTING OF PIPE AND THE GENERAL AREAS TO BE SERVED. THE EXACT NUMBER, TYPE, COVERAGE, ETC., OF SPRINKLERS SHALL BE DETERMINED BY THE CONTRACTOR AND SHALL BE SUBJECT TO APPROVAL BY ALL AUTHORITIES HAVING JURISDICTION.
H. SIZE PER NFPA AND ROUTE FIRE DEPARTMENT CONNECTION (FDC) PIPE THROUGH WALL FOR FLUSH, WALL-MOUNTED FDC. FDC SHALL BE INSTALLED WITH CENTER OF HOSE CONNECTION LOCATED 3'-0" ABOVE FINAL EXTERNAL GRADE. PROVIDE HOSE CONNECTION THREADS TO MATCH LOCAL FIRE DEPARTMENT REQUIREMENTS. PROVIDE FLUSH WALL-MOUNTED FDC WITH BRONZE FINISH. SEE PLANS FOR LOCATION OF FDC.
I. REFER TO ARCHITECTURAL PLANS FOR CEILING TYPES AND HEIGHTS, AND LOCATIONS OF EXPOSED STRUCTURE. COORDINATE ALL SPRINKLER LOCATIONS IN AS AESTHETIC SPACING AS POSSIBLE. CONTRACTOR SHALL ALSO CONFIRM EXISTING CEILING LOCATIONS THAT ARE TO REMAIN. REVIEW SPRINKLER PLANS WITH ARCHITECT/ENGINEER BEFORE INSTALLATION.
J. ALL PIPING AND SPRINKLERS IN EXPOSED AREAS SHALL BE CLOSELY COORDINATED WITH ARCHITECTURAL AND STRUCTURAL FEATURES, DUCTWORK AND LIGHTS. EXPOSED SPRINKLERS SHALL BE UPRIGHT UNLESS SPECIFICALLY SHOWN OTHERWISE ON THE DRAWINGS. PROVIDE ADDITIONAL SPRINKLERS AS NECESSARY TO OVERCOME ANY OBSTRUCTIONS TO THE SPRINKLER SPRAY PATTERNS AS REQUIRED BY NFPA 13.
K. ALL SPRINKLERS IN GYP. BOARD AND LAY-IN CEILINGS SHALL BE RECESSED PENDENT TYPE WITH WHITE FINISH, UNLESS NOTED OTHERWISE. ALL SPRINKLERS IN SOFFITS SHALL BE RECESSED SIDEWALLS WITH WHITE FINISH, UNLESS NOTED OTHERWISE.
L. PROVIDE AUXILIARY DRAINS FOR ALL LOW SPOTS, TYPICAL.
M. SPRINKLER TYPES AND LOCATIONS, AND SPRINKLER PIPING SHOWN FOR AESTHETIC AND COORDINATION PURPOSES. ACTUAL SYSTEM LAYOUT SHALL BE BASED ON HYDRAULIC DESIGN AND SHOP DRAWINGS. SPRINKLERS SHOWN ADJACENT TO AIR OUTLETS/INLETS AND LIGHT FIXTURES SHALL BE LOCATED 6" MINIMUM FROM BOTH. ALL SPRINKLERS IN LAY-IN CEILINGS SHALL BE INSTALLED WITHIN 3" OF THE CENTER OF CEILING TILE. NOTIFY ARCHITECT/ENGINEER OF CONFLICTS.
N. SEE SPECIFICATION SECTIONS 21 00 00 AND 21 05 00 FOR ADDITIONAL REQUIREMENTS.
O. SPRINKLER CONTRACTOR TO DETERMINE AVAILABLE WATER PRESSURES AND FLOW FROM LOCAL WATER DEPARTMENT. CONTRACTOR SHALL SUBMIT HYDRANT FLOW TEST DATA THAT IS NOT MORE THAN ONE YEAR OLDER THAN THE DATE OF SHOP DRAWING SUBMITTAL.
P. PROVIDE A COMBINED MAIN DRAIN AND INSPECTOR'S TEST CONNECTION VALVE FOR ALL WET PIPE SPRINKLER SYSTEMS AND ROUTE COMBINED DRAIN THROUGH EXTERIOR WALL. LOCATE COMBINED DRAIN 0'-6" ABOVE FINAL EXTERNAL GRADE. PROVIDE A CONCRETE SPLASH BLOCK BELOW OUTLET ON GRADE. OUTLET SHALL BE A THREADED 45 DEGREE ELBOW. ALL DRAIN PIPING SHALL BE GALVANIZED.
Q. SPRINKLER CONTRACTOR SHALL COORDINATE ALL CEILING HEIGHTS WITH GENERAL CONTRACTOR BEFORE MAKING FINAL PIPE DROPS TO SPRINKLERS. A COST EXTRA IS NOT ACCEPTED IF CEILING HEIGHTS CHANGE AFTER DROPS HAVE BEEN INSTALLED AND COORDINATION DID NOT OCCUR PRIOR TO INSTALLATION.
R. COORDINATE INSTALLATION OF ALL PIPING SYSTEMS WITH GENERAL CONTRACTOR TO PREVENT PIPING FREEZEUPS. NOTIFY ARCHITECT AND ENGINEER OF AREAS FOR POTENTIAL FREEZEUP CONCERNS.
S. PROVIDE DRY TYPE SPRINKLERS DESIGNED TO BE INSTALLED ON WET PIPE SPRINKLER SYSTEMS AT ALL VESTIBULE ENTRANCE LOCATIONS.
T. ALL EXPOSED PIPING IN ALL PUBLIC AND STORAGE SPACES SHALL BE PAINTED. **SPRINKLER INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SPRINKLERS DURING THE PAINTING OF ALL EXPOSED PIPING.** SPRINKLER CONTRACTOR SHALL INSPECT ALL SPRINKLERS UPON COMPLETION OF PAINTING TO VERIFY NO OVERSPRAY. **SPRINKLER CONTRACTOR SHALL CLEAN ANY OVER-SPRAY OR REPLACE AFFECTED SPRINKLERS WHERE OVER-SPRAY CANNOT BE REMOVED.** PAINT COLOR TO MATCH CEILING FINISH IN AREA OF PIPE UNLESS NOTED OTHERWISE ON DRAWING. PROVIDE PIPE MATERIAL ACCEPTABLE FOR PAINTING.
U. APPLICABLE UL CONSTRUCTION DETAILS SHALL BE USED WHERE RATED ASSEMBLIES ARE PENETRATED BY SPRINKLER PIPING SYSTEM.
V. PIPE OPENINGS THROUGH FIRE RATED WALLS SHALL BE CAULKED WITH A FIRE RETARDANT INTUMESCENT MATERIAL. SEE SPECIFICATIONS.
W. PROVIDE SPRINKLER PROTECTION BELOW ALL EXPOSED MECHANICAL AND ELECTRICAL EQUIPMENT AND HVAC DUCTS 4'-0" AND GREATER, AS REQUIRED BY THE LATEST EDITION OF NFPA 13.
X. COORDINATE WITH MECHANICAL AND ELECTRICAL WORK. DO NOT INSTALL SPRINKLER PIPING BELOW SUSPENDED EQUIPMENT, EXCEPT AS REQUIRED TO BE IN ACCORDANCE WITH NFPA 13 DESIGN GUIDELINES FOR EXPOSED CONSTRUCTION. DO NOT INSTALL SPRINKLER PIPING WITHIN CLEARANCE SPACES FOR MECHANICAL OR ELECTRICAL EQUIPMENT.
Y. ROUTE SPRINKLER PIPING AS HIGH AS POSSIBLE THROUGHOUT STRUCTURE, UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS.
Z. SUPPORT ALL PIPING FROM STRUCTURE. SEE DETAIL 4 ON SHEET ?.
AA. ALL HOLES FOR PIPING AND CONDUIT SHALL BE DRILLED OR CORE DRILLED, NO BREAKING OF CONCRETE OR C.M.U. SHALL BE PERMITTED.
BB. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING, PAINTING, REPAIRING OR REPLACEMENT OF ALL WALLS, CEILINGS, OR OTHER BUILDING ELEMENTS WHICH ARE DISTURBED AS PART OF THE DEMOLITION OR INSTALLATION OF FIRE SPRINKLER WORK.
CC. REMOVE AND RE-INSTALL LAY-IN CEILINGS AS NECESSARY FOR INSTALLATION OF PIPING AND SPRINKLERS. WHERE CEILING MATERIALS ARE DAMAGED DURING INSTALLATION OF SPRINKLER PIPE OR SPRINKLER HEADS, NEW MATERIALS SHALL BE INSTALLED. NEW MATERIALS SHALL MATCH EXISTING MATERIALS
DD. SPRINKLER CONTRACTOR SHALL REVIEW AREAS WHERE NEW CEILINGS OCCUR. PROVIDE SPRINKLING OF THE AREA ABOVE THESE CEILINGS AS REQUIRED BY REFERENCED CODES.
EE. ROUTE SPRINKLER PIPING AROUND ELECTRICAL, DATA, IT, COMM AND ALL OTHER ROOMS DESIGNATED TO ELECTRICAL COMPONENTS AND/OR PANELS. PROTECT THESE AREAS WITH SIDEWALL SPRINKLERS WHEN POSSIBLE WITHOUT ROUTING PIPE EXPOSED IN PUBLIC AREAS.

NOTICE:
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SHOP AND OTHER APPROPRIATE DRAWINGS OR AT SITE. LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND CODES. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL FIRE SUPPRESSION PLANS.

| Mark | Revisions: | Date: |
|---|---|---|

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Office of Construction and Facilities Management
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|---|---|---|---|
| Drawing Title: FIRE SUPPRESSION SYMBOLS LEGEND AND GENERAL NOTES | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: FG101 |
| | | Issue Date: 05/17/2024 · Checked: BDH · Drawn: CAE | |

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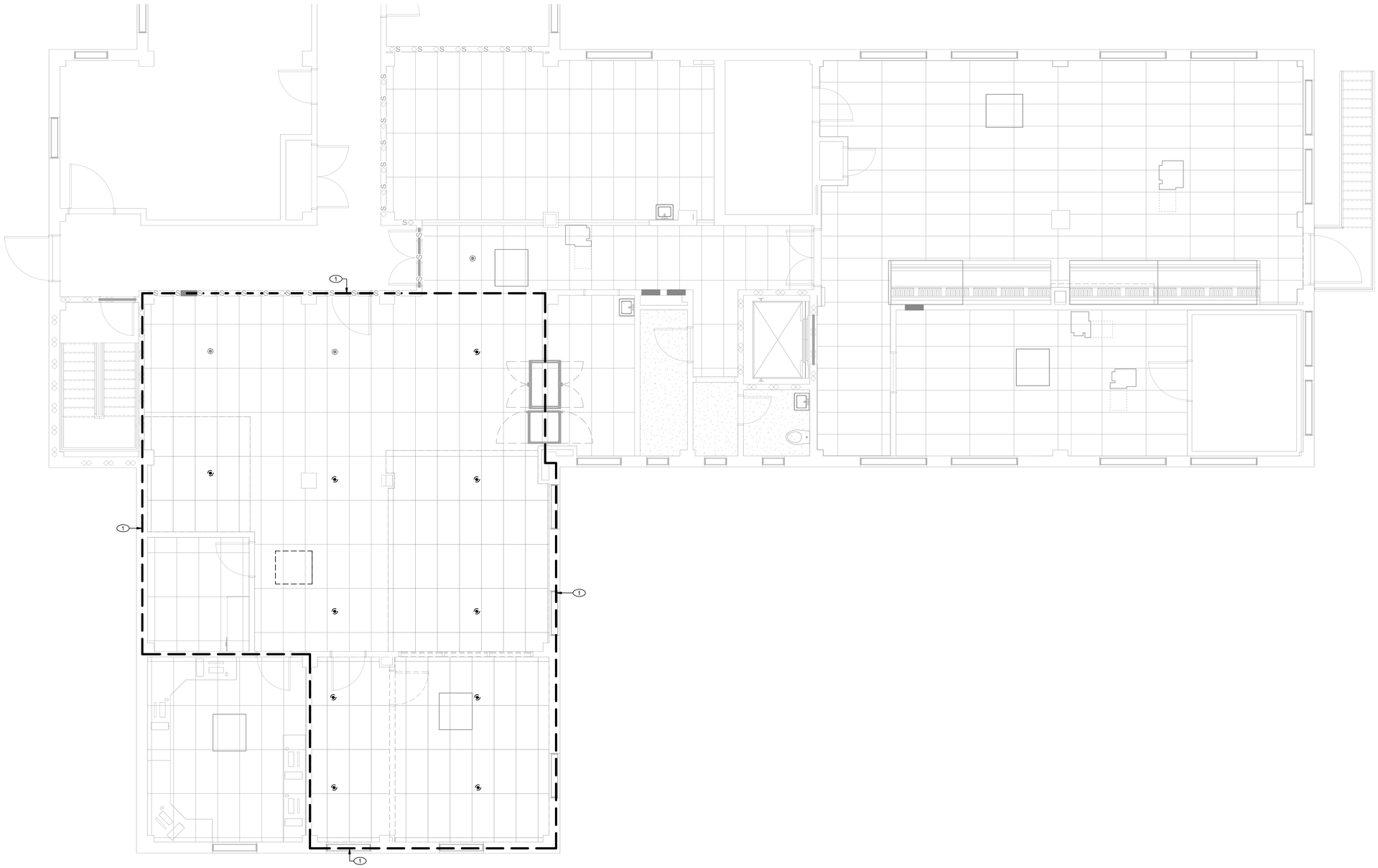
## KEYNOTES

| | |
|---|---|
| 1 | REMOVE SPRINKLER HEADS IN EXISTING CEILING AS NEEDED. PREPARE SYSTEM FOR NEW CEILING OR FOR REMOVAL OF CEILING. PROVIDE TEMPORARY UP-TURNED HEADS DURING CONSTRUCTION WHEN CEILING IS REMOVED. |



1 FIRST FLOOR FIRE SUPPRESSION DEMOLITION PLAN
1/4" = 1'-0"

| Mark | Revisions: | Date: |
|---|---|---|

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| | | | |
|---|---|---|---|
| Drawing Title: FIRE SUPPRESSION DEMOLITION PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: FD101 |
| | | Issue Date: 05/17/2024 · Checked: BDH · Drawn: CAE | |

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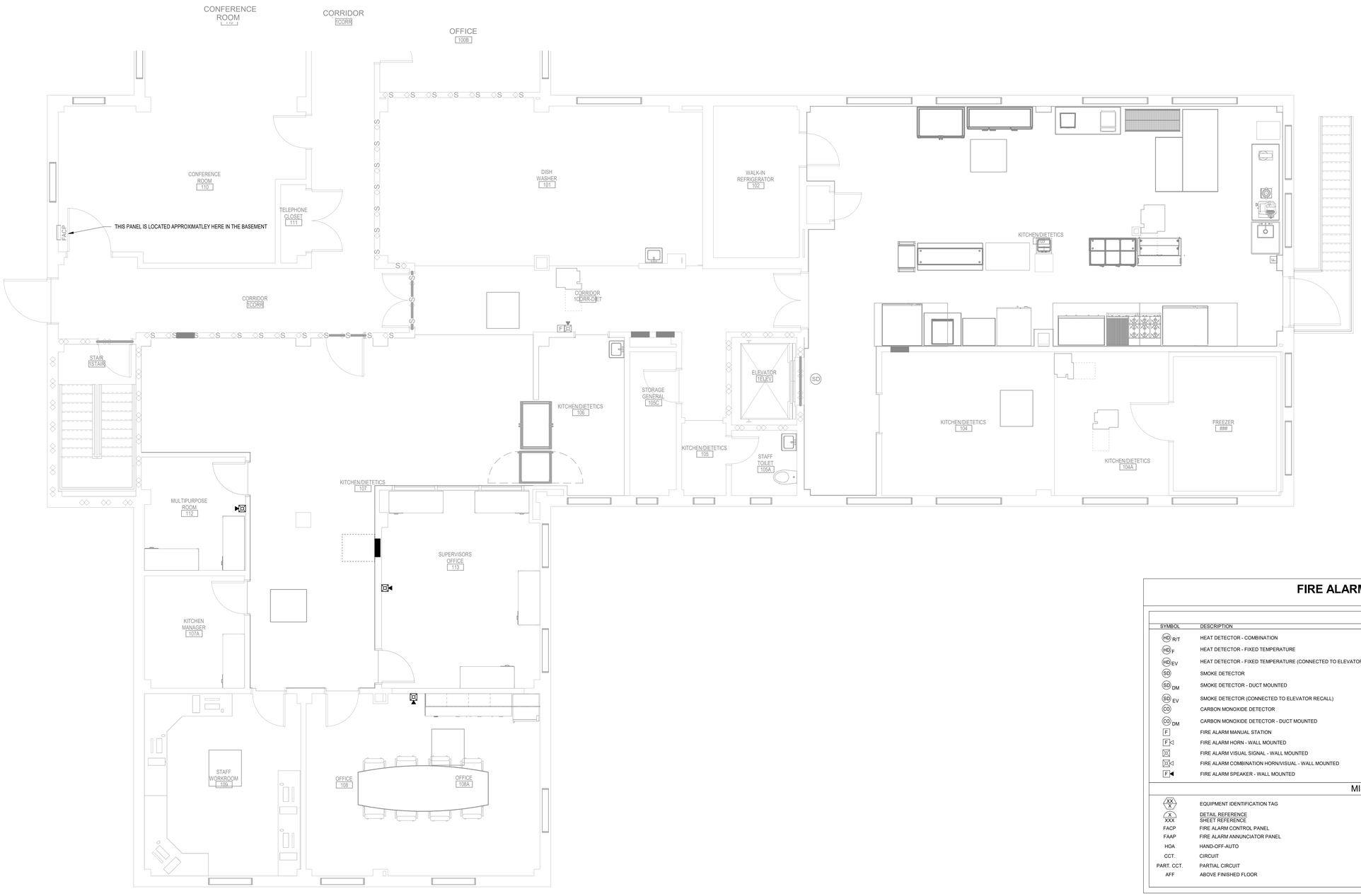
# GENERAL FIRE ALARM NOTES

APPLY TO SHEETS FA101, ED101

A. REFER TO SHEET ED101 FOR FIRE ALARM DEMOLITION.

B. FIRE ALARM DEVICE MANUFACTURER SHALL MATCH EXISTING SYSTEM. EXISTING FIRE ALARM CONTROL PANEL IS FIRE-LITE BY HONEYWELL. PROVIDE ALL WIRING AND DEVICES NECESSARY FOR CONNECTION TO EXISTING SYSTEM. CONFIRM EXISTING FIRE ALARM CONTROL PANEL SUPPORTS SPEAKER DEVICES; PROVIDE HORNS IF NECESSARY.




1 FIRST FLOOR FIRE ALARM PLAN

1/4" = 1'-0"

## FIRE ALARM SYMBOLS LEGEND

(AS APPLICABLE)

### FIRE ALARM

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|---|---|---|---|
| HD R/T | HEAT DETECTOR - COMBINATION | | FIRE ALARM COMBINATION SPEAKER/VISUAL - WALL MOUNTED |
| HD F | HEAT DETECTOR - FIXED TEMPERATURE | F | FIRE ALARM BELL - WALL MOUNTED |
| HD EV | HEAT DETECTOR - FIXED TEMPERATURE (CONNECTED TO ELEVATOR RECALL) | F | FIRE ALARM HORN - CEILING MOUNTED |
| SD | SMOKE DETECTOR | | FIRE ALARM VISUAL SIGNAL - CEILING MOUNTED |
| SD DM | SMOKE DETECTOR - DUCT MOUNTED | | FIRE ALARM COMBINATION HORN/VISUAL - CEILING MOUNTED |
| SD EV | SMOKE DETECTOR (CONNECTED TO ELEVATOR RECALL) | F | FIRE ALARM SPEAKER - CEILING MOUNTED |
| CO | CARBON MONOXIDE DETECTOR | | FIRE ALARM COMBINATION SPEAKER/VISUAL - CEILING MOUNTED |
| CO DM | CARBON MONOXIDE DETECTOR - DUCT MOUNTED | | FLOW SWITCH |
| F | FIRE ALARM MANUAL STATION | | TAMPER SWITCH |
| F | FIRE ALARM HORN - WALL MOUNTED | | DUCT DETECTOR REMOTE ALARM INDICATOR |
| | FIRE ALARM VISUAL SIGNAL - WALL MOUNTED | R | FAN SHUT-DOWN RELAY |
| | FIRE ALARM COMBINATION HORN/VISUAL - WALL MOUNTED | | MAGNETIC DOOR HOLDER |
| F | FIRE ALARM SPEAKER - WALL MOUNTED | SBD | SMOKE BEAM DETECTOR |
| | | R | SMOKE BEAM REFLECTOR |

### MISCELLANEOUS

| | | | |
|---|---|---|---|
| XX X | EQUIPMENT IDENTIFICATION TAG | NF | NON-FUSED |
| X / XXX | DETAIL REFERENCE / SHEET REFERENCE | WP | WEATHER-PROOF |
| | | WG | WIRE GUARD |
| FACP | FIRE ALARM CONTROL PANEL | XP | EXPLOSION PROOF |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL | 30/3/10/3R | RATED AMP/#CITY/NO. POLES/FUSING REQ'D/NEMA ENCL. NO. |
| HOA | HAND-OFF-AUTO | MR | MANUFACTURER'S RECOMMENDATION |
| CCT. | CIRCUIT | AL | ALUMINUM |
| PART. CCT. | PARTIAL CIRCUIT | | LIGHT LINEWORK = EXISTING |
| AFF | ABOVE FINISHED FLOOR | | DARK/DASHED LINEWORK = DEMOLITION |
| | | | DARK LINEWORK = NEW |

| Mark | Revisions: | Date: |
|---|---|---|
| | | |

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05-17-2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| | | | |
|---|---|---|---|
| Drawing Title: FIRST FLOOR FIRE ALARM PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: FA101 |
| | | Issue Date: 05/17/2024 · Checked: BAS · Drawn: BEL | |

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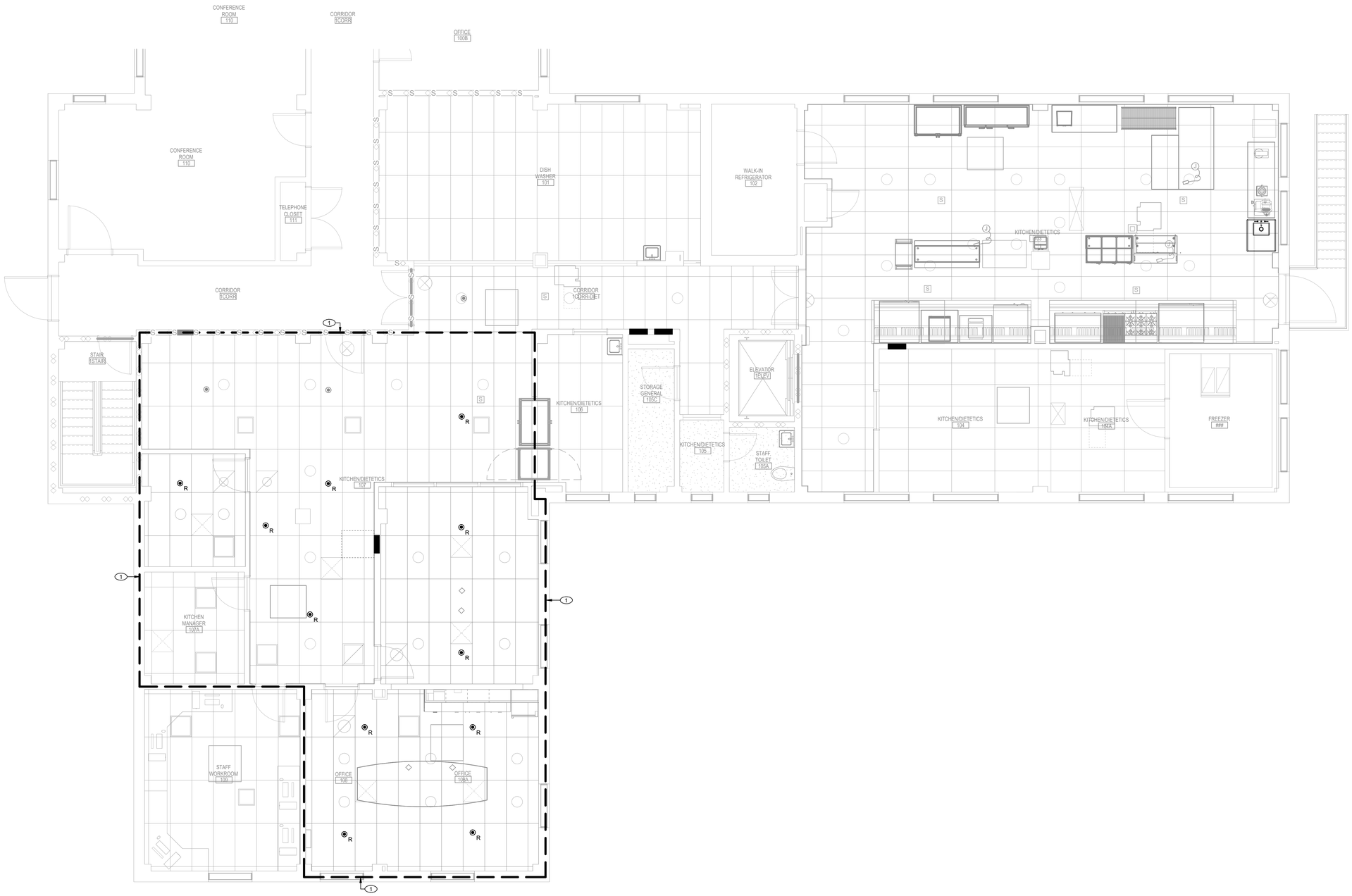
## KEYNOTES

| | |
|---|---|
| 1 | PROVIDE NEW LAYOUT FOR PROJECT AREA. DESIGN SHALL BE FOR ORDINARY HAZARD OCCUPANCY WITH A DESIGN DENSITY OF 0.20 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET UNLESS NOTED OTHERWISE. SPRINKLERS SHALL BE QUICK RESPONSE, SEMI-RECESSED STYLE SPRINKLERS WITH FACTORY WHITE FINISH UNLESS NOTED OTHERWISE. |




1 FIRST FLOOR FIRE SUPPRESSION PLAN
1/4" = 1'-0"

| Mark | Revisions: | Date: |
|---|---|---|

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# PLUMBING / MECHANICAL SYMBOLS LEGEND

(AS APPLICABLE)

## PIPING AND SPECIALTIES

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|---|---|---|---|---|---|
| RD | REFRIGERANT DISCHARGE | PGR | PROPYLENE GLYCOL RETURN | | INLINE PUMP |
| RL | REFRIGERANT LIQUID | PGS | PROPYLENE GLYCOL SUPPLY | MV | AIR VENT - MANUAL |
| RS | REFRIGERANT SUCTION | FOR | FUEL OIL RETURN | | |
| CD | COIL CONDENSATE DRAIN | FOS | FUEL OIL SUPPLY | A | AIR VENT - AUTOMATIC |
| LPS (XX) | LOW PRESSURE STEAM (PRESSURE) | FOV | FUEL OIL VENT | FS | FLOW SWITCH |
| MPS (XX) | MEDIUM PRESSURE STEAM (PRESSURE) | CR | CONDENSER WATER RETURN | PS | PRESSURE SWITCH |
| HPS (XX) | HIGH PRESSURE STEAM (PRESSURE) | CS | CONDENSER WATER SUPPLY | | |
| LPC | LOW PRESSURE CONDENSATE | HPWR | HEAT PUMP WATER RETURN | AS | AIR SEPARATOR |
| MPC | MEDIUM PRESSURE CONDENSATE | HPWS | HEAT PUMP WATER SUPPLY | | THERMOMETER |
| HPC | HIGH PRESSURE CONDENSATE | D / R | PITCH OF PIPE, RISE (R) OR DROP (D) | TW | THERMOMETER WELL |
| PC | PUMPED CONDENSATE | | PIPE ANCHOR - MAIN | | BALL JOINT |
| MU | MAKE-UP WATER | | PIPE ANCHOR - INTERMEDIATE | PSD | PUMP SUCTION DIFFUSER |
| HCR | HOT/CHILLED WATER RETURN | H | HANGER - ROD | | FLOAT THERMOSTATIC TRAP |
| HCS | HOT/CHILLED WATER SUPPLY | H | HANGER - SPRING | | FLOWMETER - ORIFICE |
| HWR | HEATING WATER RETURN | | ALIGNMENT GUIDE | | FLOWMETER - VENTURI |
| HWS | HEATING WATER SUPPLY | | FLEX CONNECTOR | | DUPLEX STRAINER |
| CWR | CHILLED WATER RETURN | | EXPANSION - LOOP | | |
| CWS | CHILLED WATER SUPPLY | | EXPANSION - JOINT | | |
| EGR | ETHYLENE GLYCOL RETURN | | | | |
| EGS | ETHYLENE GLYCOL SUPPLY | | | | |

## DUCTWORK

| RECT. | RND. | OVAL | | | | | |
|---|---|---|---|---|---|---|---|
| | | | SUPPLY (SA), OUTSIDE (OA), VENTILATION (VA) AIR DUCT (UP/DOWN/SECTION) | R | ELEVATION CHANGE (RISE OR DROP) | FD | FIRE DAMPER (IN HORIZONTAL DUCT) |
| | | | RETURN (RA) AIR DUCT (UP/DOWN/SECTION) | | HIGH EFF. TAKE OFF FITTING WITH VOLUME DAMPER | SD | SMOKE DAMPER (IN HORIZONTAL DUCT) |
| | | | EXHAUST (EA) AIR DUCT (UP/DOWN/SECTION) | BD | BACKDRAFT DAMPER | FD | FIRE DAMPER (IN VERTICAL DUCT) |
| | 10/6 SA | | RECTANGLE DUCT (WIDTH/HEIGHT/SYSTEM) | | TURNING VANES | SD | SMOKE DAMPER (IN VERTICAL DUCT) |
| | 10 Ø SA | | ROUND DUCT (DIAMETER/SYSTEM) | VD | VOLUME CONTROL DAMPER | FSD | FIRE/SMOKE DAMPER (IN HORIZONTAL DUCT) |
| | 10/6 Ø SA | | FLAT OVAL DUCT (WIDTH/HEIGHT/SYSTEM) | | VOLUME CONTROL DAMPER | FSD | FIRE/SMOKE DAMPER (IN VERTICAL DUCT) |
| | | | FLEXIBLE DUCTWORK | | OPPOSED BLADE DAMPER | AD | DUCT ACCESS PANEL |
| | | | | | PARALLEL BLADE DAMPER | RP | RELIEF PANEL |
| | | | | | | CAP | DUCT END CAP |

## H.V.A.C.

| | | | | | |
|---|---|---|---|---|---|
| | SUPPLY DIFFUSER | | VAV TERMINAL UNIT | T | THERMOSTAT |
| | SUPPLY REGISTER | | FAN POWERED VAV TERMINAL UNIT | TG | THERMOSTAT WITH GUARD |
| | SUPPLY SLOT DIFFUSER | | | S XX-X | TEMPERATURE SENSOR - XX-X DENOTES SERVED |
| | RETURN REGISTER | | SIDE WALL DIFFUSER | S CO | CARBON MONOXIDE SENSOR |
| | RETURN GRILLE | | ROUND DIFFUSER | S CO2 | CARBON DIOXIDE SENSOR |
| | EXHAUST REGISTER | | EXTERIOR LOUVER | S NOX | NITROGEN DIOXIDE SENSOR |
| | EXHAUST GRILLE | X / CFM | SUPPLY IDENTIFICATION TAG X DENOTES TYPE | S H | HUMIDITY SENSOR |
| | DUAL DUCT TERMINAL UNIT | X / CFM | RETURN/ EXHAUST/LOUVER IDENTIFICATION TAG X DENOTES TYPE | S P | PRESSURE SENSOR |
| | | M | MOTORIZED ACTUATOR | S G | TEMPERATURE SENSOR WITH GUARD |
| | | | PNEUMATIC ACTUATOR | H | HUMIDISTAT |
| | | | | | EMERGENCY SHUTDOWN SWITCH |

## FITTINGS

| SINGLE LINE | DOUBLE LINE | | SINGLE LINE | DOUBLE LINE | | SINGLE LINE | DOUBLE LINE | |
|---|---|---|---|---|---|---|---|---|
| | | ELBOW | | | ELBOW - DOUBLE BRANCH | | | REDUCER - CONCENTRIC |
| | | LONG RADIUS ELBOW | | | ELBOW - SIDE OUTLET UP | | | REDUCER - ECCENTRIC |
| SR | SR | SHORT RADIUS ELBOW | | | ELBOW - SIDE OUTLET DOWN | | | CAPPED CONNECTION |
| | | 45° ELBOW | | | ELBOW - OUTLET DOWN | | | THREADED CONNECTION |
| | | TEE | | | ELBOW - OUTLET UP | | | FLANGED CONNECTION |
| | | CROSS | | | TEE - OUTLET DOWN | | | STRAINER |
| | | | | | TEE - OUTLET UP | | | STRAINER WITH BALL VALVE DRAIN |
| | | LATERAL | | | TEE - SIDE OUTLET DOWN | | | STRAINER WITH COUPLER |
| | | TEE - SINGLE SWEEP | | | TEE - SIDE OUTLET UP | | | BUSHING |
| | | | | | SIAMESE CONNECTION | | | FLOW DIRECTION |

## VALVES

| | | | | | |
|---|---|---|---|---|---|
| | GATE VALVE | | STOP/CHECK GATE VALVE (ARROW IND. FLOW) | | MULTIPURPOSE VALVE |
| | ANGLE GATE VALVE | S | SPRING GATE CHECK VALVE (ARROW IND. FLOW) | PRV-X | PRESSURE REDUCING VALVE |
| | BALL VALVE | | SWING GATE CHECK VALVE (ARROW IND. FLOW) | PRV-X | PRESSURE REDUCING PILOT VALVE |
| | LOCKABLE BALL VALVE | | ANGLE STOP/CHECK VALVE | BFP | REDUCED PRESS. BACKFLOW ASSY. |
| | BUTTERFLY VALVE | M | 2-WAY ELECTROMOTOR VALVE | DC | DOUBLE CHK VALVE BACKFLOW ASSY. |
| | GLOBE VALVE | 3 | 2-WAY AIRMOTOR VALVE | DDC | DOUBLE DETECTOR CHECK VALVE |
| | ANGLE GLOBE VALVE | | 2-WAY MANUAL VALVE | | OUTSIDE STEM & YOKE VALVE |
| | PLUG VALVE | M | 3-WAY ELECTROMOTOR VALVE | | QUICK CLOSING FUSIBLE LINK VALVE |
| | DIAPHRAGM VALVE | 3 | 3-WAY AIRMOTOR VALVE | | QUICK OPENING VALVE |
| | DIAPHRAGM ACTUATED VALVE | | 3-WAY MANUAL VALVE | | PRESSURE GAUGE & BALL VALVE |
| | VALVE IN VERTICAL LINE | | SAFETY PRESSURE RELIEF VALVE | | GATE VALVE WITH GLOBE VALVE BY-PASS |
| | HOSE GATE VALVE | | PRESSURE RELIEF VALVE | | GLOBE VALVE WITH GLOBE VALVE BY-PASS |
| | HOSE GLOBE VALVE | | TEMPERATURE MIXING VALVE | | SPRINKLER - CONCEALED |
| | HOSE ANGLE VALVE | | AUTO FLOW VALVE | R | SPRINKLER - RECESSED |
| SV | SOLENOID VALVE | | FLOAT VALVE | | SPRINKLER - SIDEWALL |
| PIV | POST INDICATOR VALVE | | LOCK SHIELD | | SPRINKLER - UPRIGHT |
| | | | CIRCUIT SETTER | Z | SPRINKLER - ZONE CONTROL |

## MEDICAL PIPING

| | | | | | |
|---|---|---|---|---|---|
| MA | MEDICAL AIR | N | MEDICAL NITROGEN | VAC | MEDICAL VACUUM |
| NOX | MEDICAL NITROUS OXIDE | OX | MEDICAL OXYGEN | WAG | WASTE ANESTHETIC GAS DISPOSAL |

## PLUMBING

| | | | | | |
|---|---|---|---|---|---|
| | PIPE REMOVAL | NPCW | NON-POTABLE COLD WATER | P | TRAP PRIMER |
| DCW | DOMESTIC COLD WATER | NPHW | NON-POTABLE HOT WATER | HB | HOSE BIBB |
| DHW | DOMESTIC HOT WATER | NPSW | NON-POTABLE SOFT WATER | WH | WALL HYDRANT |
| RHW | DOMESTIC HOT WATER RECIRC. | PD | PUMPED DISCHARGE | RH | ROOF HYDRANT |
| DSW | DOMESTIC SOFT WATER | G (XX) | NATURAL GAS (PSIG) | CO | CLEAN OUT |
| SAN | SANITARY | PG (XX) | PROPANE GAS (PSIG) | FCO | FLOOR CLEAN OUT |
| ST | STORM | V | VENT | FD | FLOOR DRAIN |
| SO | STORM OVERFLOW | AW | ACID WASTE | VTR | VENT THRU ROOF (X DENOTES IDENTIFICATION) |
| GW | GREASE WASTE | AV | ACID VENT | RD | ROOF DRAIN |
| CA | COMPRESSED AIR | OSW | OIL/SAND | ORD | OVERFLOW ROOF DRAIN |
| PA | PROCESSED AIR | IR | IRRIGATION | DSN | DOWNSPOUT NOZZLE |

## MISCELLANEOUS

| | | | | | |
|---|---|---|---|---|---|
| XX / X | EQUIPMENT IDENTIFICATION TAG (ELECTRICAL CONNECTION REQUIRED) | | NEW CONNECTION POINT | WC | WATER CLOSET |
| X / XX | DETAIL REFERENCE SHEET REFERENCE | | POINT OF DISCONNECT | UR | URINAL |
| | | OA | OUTSIDE AIR | L | LAVATORY |
| X / XX X / XX | SECTION CUT REFERENCE SHEET REFERENCE | VA | VENTILATION AIR | S | SINK |
| | | EA | EXHAUST AIR | DF | DRINKING FOUNTAIN |
| | ELECTRICAL PANEL - SHOWN FOR COORDINATION PURPOSES ONLY | RA | RELIEF OR RETURN AIR | EWC | ELECTRIC WATER COOLER |
| | | SA | SUPPLY AIR | SS | SERVICE SINK |
| | ELECTRICAL PANEL - SHOWN FOR COORDINATION PURPOSES ONLY | MA | MIXED AIR | SH | SHOWER |
| | | RF | RELIEF OR RETURN FAN | DWH | DOMESTIC WATER HEATER |
| | ELECTRICAL PANEL - SHOWN FOR COORDINATION PURPOSES ONLY | EF | EXHAUST FAN | MSB | MOP SINK BASIN |
| T | ELECTRICAL TRANSFORMER - SHOWN FOR COORDINATION PURPOSES ONLY | DCE | DUST COLLECTION EXHAUST | (E) | DASHED DARK LINEWORK = DEMOLITION<br>LIGHT LINEWORK = EXISTING |
| | | (TYP) | TYPICAL | | DARK LINEWORK = NEW |

## GENERAL MECHANICAL / PLUMBING DEMOLITION NOTES

APPLY TO ALL MECHANICAL AND PLUMBING SHEETS

1. ALL EXISTING ITEMS AND ASSOCIATED PIPING, ACCESSORIES, SUPPORTS AND HANGARS INDICATED BY BOLD, DASHED, HEAVY LINES OR IDENTIFIED BY NOTES, SHALL BE COMPLETELY REMOVED. PRIOR TO PROPER DISPOSAL OF REMOVED ITEMS, OWNER SHALL HAVE FIRST RIGHT OF REFUSAL.
2. DRAWINGS INDICATE APPROXIMATE ROUTING OF PIPING, DUCTWORK AND MAJOR COMPONENTS AND DO NOT INCLUDE ALL OFFSETS, FITTINGS, VALVES, ETC. CONTRACTOR SHALL FIELD VERIFY EXACT SIZE AND ROUTING PRIOR TO REMOVAL OR RELOCATION. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVAL OF MISCELLANEOUS MECHANICAL ITEMS LOCATED ON OR IN ANY WALLS TO BE REMOVED.
3. EXISTING INSULATION DAMAGED DURING DEMOLITION / CONSTRUCTION ACTIVITIES SHALL BE REPAIRED WITH SIMILAR MATERIALS.
4. ALL OPENINGS THROUGH WALLS AND FLOOR SLABS NOT BEING REUSED SHALL BE PATCHED WITH LIKE MATERIALS AND PAINTED TO MATCH EXISTING.
5. ALL OPENINGS THROUGH ROOF NOT BEING REUSED SHALL BE PATCHED WITH LIKE MATERIALS AND SEALED WATERTIGHT.
6. CONTRACTOR SHALL REMOVE ALL MATERIALS AS REQUIRED AND SHALL GIVE OWNER THE OPPORTUNITY TO INSPECT SUCH MATERIALS FOR POTENTIAL SALVAGE. CONTRACTOR SHALL REMOVE FROM THE SITE ALL MATERIALS DEEMED "NON-SALVAGEABLE" BY THE OWNER. CONTRACTOR SHALL TURN OVER TO OWNER ALL MATERIALS DEEMED "SALVAGEABLE" BY THE OWNER.

## GENERAL PLUMBING NOTES

APPLY TO ALL PLUMBING SHEETS

A. LIGHT LINE WEIGHT INDICATES EXISTING ITEMS AND ASSOCIATED MATERIALS TO REMAIN. BOLD LINE WEIGHT INDICATES NEW WORK TO BE INSTALLED UNDER THIS CONTRACT.
B. ROUTING INDICATED ON DRAWINGS IS APPROXIMATE AND DOES NOT INCLUDE ALL OFFSETS, FITTINGS, VALVES, ETC. CONTRACTOR TO FIELD VERIFY PIPE SIZE AND SERVICE PRIOR TO FINAL CONNECTION. COORDINATE LOCATION OF PLUMBING PIPING WORK WITH LIGHTING, STRUCTURAL MEMBERS, HVAC, PIPING SYSTEMS, ETC. PROVIDE OFFSETS AND CLEARANCES OR RELOCATE PLUMBING WORK AS REQUIRED TO AVOID CONFLICTS WITH WORK OF ALL OTHER TRADES.
C. PLUMBING WORK SHALL NOT BE LOCATED OVER ELECTRICAL, DATA OR COMMUNICATION EQUIPMENT ROOMS. PLUMBING WORK SHALL NOT BE LOCATED ABOVE ELECTRICAL / DATA / COMMUNICATION EQUIPMENT OR PANELS.
D. SUPPORT ALL PLUMBING PIPING, EQUIPMENT, ETC. FROM BUILDING STRUCTURE. HOLD PIPING TIGHT TO BOTTOM OF STRUCTURAL MEMBERS OR RUN THROUGH JOIST WEBS IF POSSIBLE. DO NOT USE WIRE OR PERFORATED METAL TO SUPPORT PIPING. DO NOT SUPPORT PIPING FROM OTHER PIPING, DUCTWORK AND/OR ELECTRICAL CONDUITS. DO NOT SUPPORT FROM BOTTOM OF CHORD OF BAR JOIST OR FROM METAL ROOF DECK.
E. ROUTE ABOVE GRADE DRAINAGE PIPING AS HIGH AS POSSIBLE AND COORDINATE WITH OTHER TRADES.
F. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SEALING PENETRATIONS THROUGH A FIRE RATED, SMOKE RATED OR COMBINATION FIRE & SMOKE RATED SEPARATIONS. SEE SPECIFICATIONS FOR FIRE & SMOKE RATED SEALANTS. SEE ARCHITECTURAL PLANS FOR RATED SEPARATIONS.
G. INSTALL ESCUTCHEON PLATES ON ALL WALL AND FLOOR PENETRATIONS SERVING EXPOSED PLUMBING PIPING WALL PENETRATIONS.
H. ALL OPENINGS IN WALLS AND FLOORS FOR PIPING SHALL BE CORE DRILLED OR SAW CUT, UNLESS OTHERWISE NOTED.
I. LOCATE AND INSTALL EQUIPMENT TO PROVIDE ALL CODE AND MANUFACTURER'S RECOMMENDED CLEARANCES. KEEP HVAC PIPING, DUCTWORK, ETC. OUT OF CLEARANCE AREAS.
J. ALL PLUMBING PIPING WORK SHALL BE LOCATED ABOVE CEILINGS, IN A PIPE CHASE, OR OTHER CONCEALED LOCATIONS, UNLESS OTHERWISE NOTED. LOCATE AND ARRANGE VALVES, DRAIN FITTINGS, ETC. TO BE ACCESSIBLE THROUGH LAY-IN CEILINGS, ACCESS PANELS OR ACCESS DOORS. PROVIDE ACCESS PANEL OR ACCESS DOOR FOR ALL VALVES, DRAIN FITTINGS, ETC. AT NON-ACCESSIBLE LOCATIONS.
K. INSTALL SECTIONAL VALVES ON EACH BRANCH AND/OR RISER SERVING TWO OR MORE PLUMBING FIXTURES OR EQUIPMENT CONNECTIONS. INSTALL VALVES ADJACENT TO MAIN.
L. INSTALL SHUTOFF VALVES ON INLET AND OUTLET OF PLUMBING EQUIPMENT.
M. INSTALL STOPS AT EACH PLUMBING FIXTURE EXCEPT AT FLUSHOMETER LOCATIONS.
N. SEAL ALL PLUMBING PIPING PENETRATIONS. SEAL PENETRATIONS THROUGH RATED WALLS, FLOORS OR CEILINGS WITH MATERIALS APPROPRIATE FOR RATING.
O. PIPING IN EXTERIOR WALLS SHALL BE LOCATED ON THE INTERIOR SIDE OF BUILDING INSULATION AND VAPOR BARRIER.
P. COORDINATE INSTALLATION OF BUILDING INSULATION TO RUN CONTINUOUS BETWEEN PIPING AND EXTERIOR WALL SURFACE.
Q. COORDINATE EXACT LOCATION OF FLOOR DRAINS AND FLOOR SINKS. TOP OF GRATE SHALL BE 1/8" BELOW FINISHED FLOOR ELEVATION.
R. COMPLY WITH LOCAL UTILITY COMPANY RULES AND REGULATIONS FOR ALL GAS METER INSTALLATIONS. COORDINATE EXACT LOCATION OF GAS CONNECTIONS WITH EQUIPMENT SUPPLIED.
S. COPPER PIPING LOCATED ABOVE GRADE SHALL BE TYPE "L"; COPPER PIPING LOCATED BELOW GRADE SHALL BE TYPE "K" AND RUN CONTINUOUS WITHOUT JOINTS BELOW GRADE. TYPE "M" COPPER SHALL NOT BE USED ON PRESSURIZED PIPING SYSTEMS.
T. DRAINAGE PIPING 3 INCHES AND SMALLER SHALL SLOPE NO LESS THAN 1/4 INCH PER FOOT. DRAINAGE PIPING 4 INCHES AND LARGER SHALL SLOPE NO LESS THAN 1/8 INCH PER FOOT.
U. INSTALL WALL CLEAN OUTS (WCO) WHEN LOCATED BEHIND A WATER CLOSET AT 30" A.F.F. OR AT 42" A.F.F. ABOVE CABINETRY ON ALL SANITARY & STORM STACKS.
V. COORDINATE EXACT STORM PIPE CONNECTIONS WITH STORM DRAIN LOCATIONS SHOWN ON ARCHITECTURAL ROOF PLAN.
W. INSTALL VENT-THRU-ROOF (VTR) A MINIMUM OF 10'-0" AWAY FROM ANY OUTSIDE AIR INTAKE.
X. REMOVE, REPAIR AND REPLACE WALLS, FLOORS, ROOFS AND CEILINGS TO MATCH EXISTING, WHERE NECESSARY FOR PIPING AND FIXTURE REMOVAL & INSTALLATION.
Y. KITCHEN EQUIPMENT FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR - PLUMBING CONTRACTOR SHALL ROUGH-IN AND MAKE FINAL CONNECTIONS TO UTILITIES REQUIRED AND PROVIDE PIPING, STOPS, WATER HAMMER ARRESTERS, TRAPS AND FITTINGS FOR EQUIPMENT TO BE IN OPERATIONAL ORDER. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER FOR CONNECTIONS AND LOCATIONS. SEE KITCHEN EQUIPMENT CONNECTION SCHEDULE FOR RESPONSIBILITY OF WHO FURNISHES VACUUM BREAKERS AND PRESSURE REDUCING VALVES.
Z. PVC PIPING SHALL NOT BE INSTALLED IN ANY RETURN AIR PLENUM UNLESS THE PIPING IS INSTALLED IN A PRE-APPROVED RATED ASSEMBLY.
AA. PROVIDE ACCESSIBLE SHUTOFF VALVE INSIDE THE BUILDING FOR EACH WALL HYDRANT.
BB. CONTRACTOR SHALL COORDINATE ALL CONNECTIONS OF PLUMBING SYSTEMS WITH EXTERIOR SITE UTILITIES AND SERVICES PRIOR TO INSTALLING ANY PIPING ON THE INTERIOR. CONTRACTOR SHALL CONFIRM THAT ALL INTERIOR PIPE INVERTS AND PIPE INVERTS AT THE 5' LINE MATCH EXTERIOR PIPE INVERTS, PRIOR TO INSTALLING ANY INTERIOR PIPING BELOW FLOOR.

NOTICE:
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SHOP AND OTHER APPROPRIATE DRAWINGS OR AT SITE. LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND CODES. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL MECHANICAL / PLUMBING PLANS.

| Mark | Revisions: | Date: |
|---|---|---|

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Office of Construction and Facilities Management

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| Drawing Title: PLUMBING SYMBOLS LEGEND AND GENERAL NOTES | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
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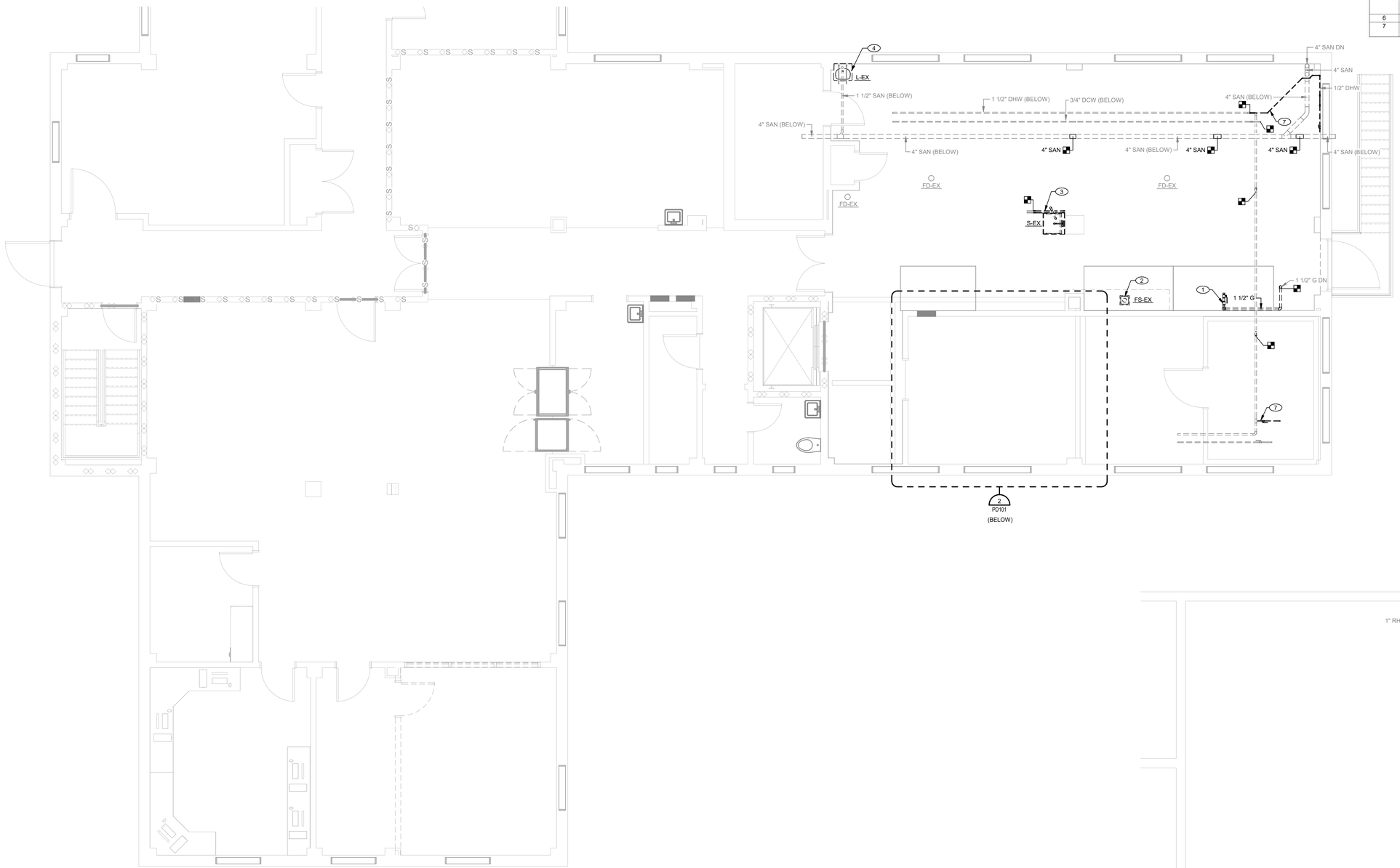
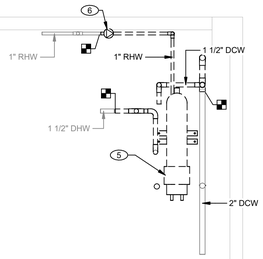
## KEYNOTES

| | |
|---|---|
| 1 | REMOVE EXISTING EMERGENCY GAS SHUTOFF VALVE. PRESERVE CONNECTION WITH HOOD SYSTEM FOR RE-USE WITH NEW GAS VALVE. |
| 2 | REMOVE EXISTING FLOOR SINK AND CAP PIPING BELOW FLOOR. |
| 3 | REMOVE SINK AND ASSOCIATED WASTE AND WATER PIPING TO BELOW FLOOR. CAP WASTE PIPING BELOW FLOOR. PREPARE HOT AND COLD WATER PIPING FOR RECONNECTION TO NEW PIPING. |
| 4 | REMOVE SINK. CAP EXISTING WASTE JUST ABOVE FLOOR LEVEL. PROVIDE NEW 1/4 TURN STOP VALVE IN DOMESTIC WATER LINES AT FLOOR AND CAP PIPING ABOVE STOP VALVES. |
| 5 | DEMOLISH EXISTING SHELL AND TUBE STEAM DOMESTIC WATER HEAT EXCHANGER. REMOVE WATER PIPING BACK TO LOCATION INDICATED AND PREPARE FOR RECONNECTION TO NEW PIPING. WORK ASSOCIATED WITH THIS EQUIPMENT WILL NEED TO BE COORDINATED WITH THE FACILITY AND WILL LIKELY REQUIRE NIGHT AND WEEKEND WORK. |
| 6 | DEMOLISH EXISTING HOT WATER RECIRCULATION PUMP. |
| 7 | REMOVE DOMESTIC HOT WATER PIPING BACK TO MAIN AND CAP AT MAIN. NO DEAD LEG PIPING IS ALLOWED TO REMAIN. |




1 FIRST FLOOR PLUMBING DEMO PLAN
1/4" = 1'-0"




2 ENLARGED GROUND FLOOR PLUMBING DEMO PLAN
1/2" = 1'-0"

| Mark | Revisions: | Date: |
|---|---|---|

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5/17/2024

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

Approved:

| Drawing Title | Phase | Project Title | Project Number |
|---|---|---|---|
| PLUMBING DEMOLITION PLAN | CONSTRUCTION DOCUMENTS | PREPARE SITE FOR CHOICE DINING EQUIPMENT | 589A7-23-305 |
| | | | Building Number: 2 |
| | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: PD101 |
| | | Issue Date: 05/17/2024 · Checked: BDH · Drawn: CAE | |

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Autodesk Docs://16721600/1 589A7-23-305 Prepare Site for Choice Dining/232052 - MEP Central-23.rvt
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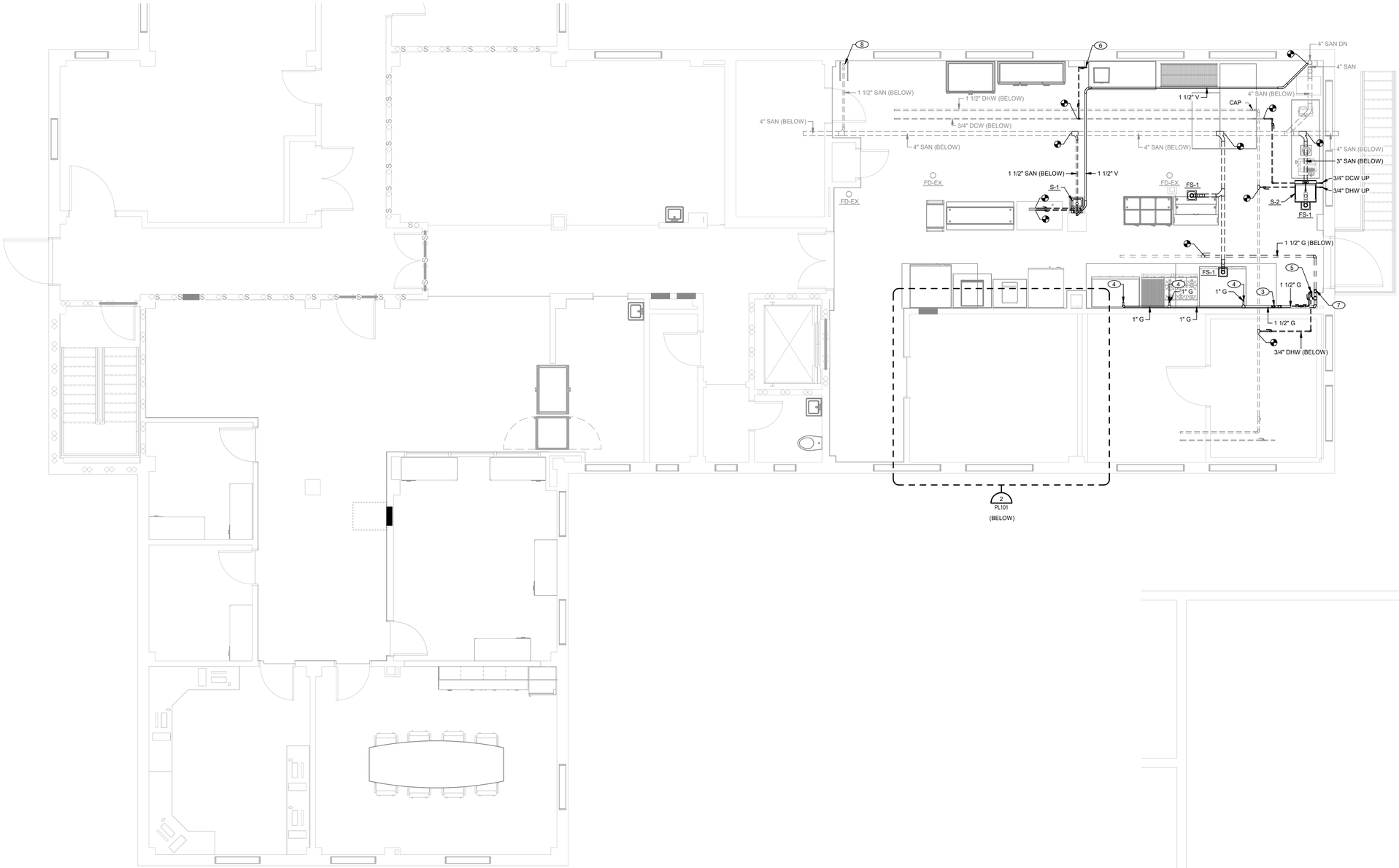
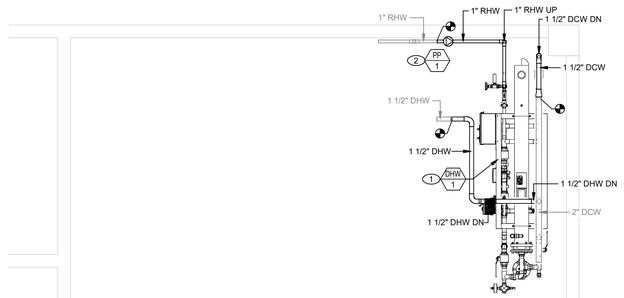



## KEYNOTES

| | |
|---|---|
| 1 | PROVIDE AND INSTALL NEW STEAM DOMESTIC WATER HEATER. ROUTE NEW DOMESTIC HOT WATER, COLD WATER, AND RECIRCULATING WATER TO NEW WATER HEATER. COORDINATE EXACT CONNECTION LOCATION WITH ACTUAL INSTALLED WATER HEATER. WORK ASSOCIATED WITH THIS EQUIPMENT WILL NEED TO BE COORDINATED WITH THE FACILITY AND WILL LIKELY REQUIRE NIGHT AND WEEKEND WORK. |
| 2 | PROVIDE NEW DOMESTIC HOT WATER RECIRCULATION PUMP AT LOCATION INDICATED. SUPPORT PUMP AND PIPING FROM ADJACENT WALL. PUMP TO INCLUDE CORD AND PLUG AND UTILIZE ADJACENT RECEPTACLE FOR PUMP OPERATION. WATER HEATER REQUIRES CONSTANT CIRCULATION ON THE SYSTEM. THERE WILL BE NO CONTROL FOR THE PUMP. |
| 3 | PROVIDE NEW EMERGENCY SHUTOFF VALVE FOR NEW GAS LINE. TIE IN NEW SHUTOFF VALVE TO EXISTING HOOD SYSTEM. |
| 4 | REFER TO S/P-501 FOR EQUIPMENT GAS CONNECTION QUICK CONNECT DETAIL. |
| 5 | PROVIDE 3/4" DHW LINE UP THROUGH FLOOR. INSTALL BACKFLOW PREVENTER IN HOT WATER LINE. TERMINATE LINE WITH 3/4" HOSE CONNECTION FOR CONNECTION TO VA FLOOR WASHDOWN HOSE. ROUTE PIPE TIGHT TO BEAM BELOW WHEN RUNNING THROUGH FLOOR. |
| 6 | EXTEND 1/2" DCW UP THROUGH FLOOR TO SERVE COFFEE MAKER. COORDINATE TERMINATION CONNECTION WITH COFFEE MAKER. |
| 7 | ROUTE 1-1/2" GAS LINE UP THROUGH FLOOR. RUN ALONG FLOOR LEVEL AT MAX 6" A.F.F. OVER TO LOCATION OF HOOD AND ROUTE UP TO 2'A.F.F. ROUTE THROUGH FLOOR AS TIGHT TO BEMA BELOW AS POSSIBLE. GAS LINE TO BE BELOW NEW WATER LINE. |
| 8 | REMOVE SINK. CAP EXISTING WASTE JUST ABOVE FLOOR LEVEL. PROVIDE NEW 1/4 TURN STOP VALVE IN DOMESTIC WATER LINES AT FLOOR AND CAP PIPING ABOVE STOP VALVES. |




1 FIRST FLOOR PLUMBING PLAN
1/4" = 1'-0"

2 ENLARGED GROUND FLOOR PLUMBING PLAN
1/2" = 1'-0"

| Mark | Revisions: | Date: |
|---|---|---|

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| | | | |
|---|---|---|---|
| Drawing Title: FIRST FLOOR PLUMBING PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: PL101 |
| | | Issue Date: 05/17/2024 · Checked: BDH · Drawn: CAE | |

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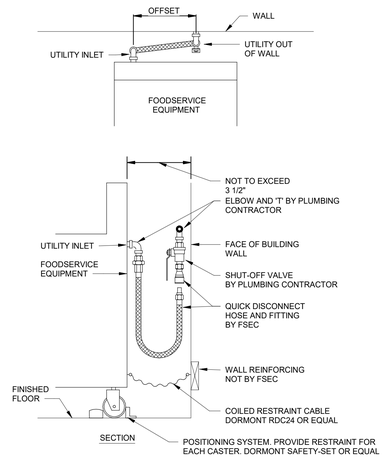
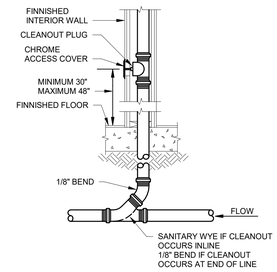
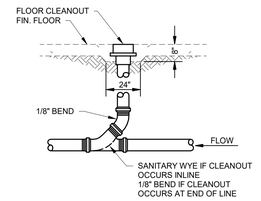



NOTE: IF UTILITY INLET IS NOT AT HEIGHT SHOWN, PLUMBING CONTRACTOR TO PROVIDE PIPING WITH ELBOWS TO RAISE INLET.
FSEC = FOODSERVICE EQUIPMENT CONTRACTOR

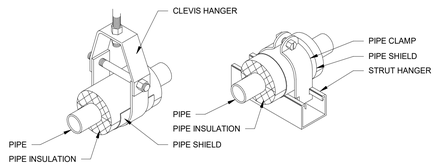
## 5 QUICK DISCONNECT DETAIL
NOT TO SCALE




## 1 WALL CLEANOUT DETAIL (WCO)
NOT TO SCALE

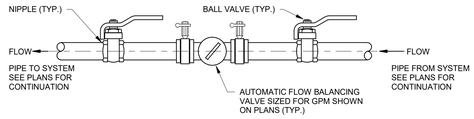



## 2 FLOOR CLEANOUT DETAIL (FCO)
NOT TO SCALE




NOTE: PROVIDE AND INSTALL B-LINE OR ACCEPTABLE INSULATED GALVANIZED STEEL JACKET AND HANGER, STRUT MOUNTED CLAMP AND PIPE SUPPORT LOCATIONS.

## 3 PIPE SUPPORT INSULATION DETAIL
NOT TO SCALE




## 4 BALANCE VALVE DETAIL
NOT TO SCALE

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|---|---|---|

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5/17/2024

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

Drawing Title: PLUMBING DETAILS
Approved:
Phase: CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT
Location: 5500 E KELLOGG AVE, WICHITA, KS
Issue Date: 05/17/2024
Checked: BDH
Drawn: CAE
Project Number: 589A7-23-305
Building Number: 2
Drawing Number: P-501

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# PLUMBING PUMPS

| MARK | SERVES | LOCATION | PUMP TYPE | PRIMARY DESIGN POINT | | | | MOTOR DATA | | | MANUFACTURER & MODEL NO. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FLOW RATE (GPM) | PUMP HEAD (FT) | PUMP SPEED (RPM) | MIN EFF (%) | Power (HP) | V | PH | | |
| PP-1 | BUILDING 2 DOMESTIC HOT WATER | BUILDING 2 BASEMENT | INLINE | 5 | 20 | 3600 | 65 | 1/10 | 120 | 1 | B&G ECOCIRC 20-18 | 1 |
| | | | | | | | | | | | | |

REMARKS:

1. PROVIDE CORD AND PLUG FOR RECIRCULATION PUMP.

# DOMESTIC HOT WATER HEATER SCHEDULE (STEAM)

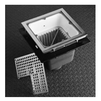
| MARK | FLOW RATE (GPM) | TEMPERATURE RISE | STEAM (15 PSI) LBS/HR | DESIGN PRESSURE | NUMBER / TYPE OF HEAT EXCHANGERS | MANUFACTURER & MODEL NO. | REMARKS |
|---|---|---|---|---|---|---|---|
| DHW-1 | 41 | 100°F | 1,890 | 150 PSIG | (2) SHELL AND TUBE | FF | 1,2,3,4 |
| | | | | | | | |

REMARKS:

1 PROVIDE PRE-PIPED ASSEMBLY WITH REDUNDANT HEAT EXCHANGERS AND REDUNDANT MIXING VALVES.
2 PROVIDE WITH PRE-PIPED ISOLATION VALVES, STRAINERS, CHECK VALVES, RELIEF VALVES, CONDENSATE TRAP, THERMOMETERS, AND PRESSURE GAUGES.
3 PROVIDE TWO (2) DRV40 MIXING VALVES.
4 PROVIDE CONNECTION TO BUILDING BMS SYSTEM FOR MONITORING AND CONTROLS.

# PLUMBING FIXTURE CONNECTION SCHEDULE

| MARK | FIXTURE | TYPE | MINIMUM CONNECTION SIZE | | | | NOTES |
|---|---|---|---|---|---|---|---|
| | | | WASTE | VENT | HOT WATER | COLD WATER | |
| FS-1 | FLOOR SINK | FLOOR | 3" | 2" | -- | -- | 1 |
| S-1 | SINK PROVIDED BY KITCHEN EQUIPMENT PROVIDER | HAND SINK | 1 1/2" | 1 1/2" | 1/2" | 1/2" | 4, 5 |
| S-2 | RELOCATED SINK | SERVICE SINK | 2" | 1 1/2" | 3/4" | 3/4" | 5 |



## FLOOR SINK: FS-1

**FIXTURE**
12 1/2" SQUARE, 6" MEDIUM DEEP CAST IRON FLANGED RECEPTOR WITH ACID-RESISTANT COATED INTERIOR, BOTTOM OUTLET, SEEPAGE HOLES, ALUMINUM INTERNAL DOME STRAINER, NICKEL BRONZE RIM AND SECURED 3/4 GRATE.
**J.R. SMITH 3140-NB-14.**

**PLUMBING FIXTURE GENERAL NOTES**

A. PLUMBING FIXTURES SHALL BE OF ONE OF THE MANUFACTURER'S INDICATED AND IN ACCORDANCE WITH THE INFORMATION AND MANUFACTURER'S CATALOG NUMBERS INDICATED. WHERE MANUFACTURER'S CATALOG NUMBERS HAVE BEEN UPDATED OR DELETED, FIXTURES SHALL BE OF SIMILAR CONFIGURATION AND OF SIMILAR OR BETTER QUALITY THAN THAT INDICATED.
B. VERIFY ALL MOUNTING HEIGHTS OF PLUMBING FIXTURES PRIOR TO ORDERING EQUIPMENT. MOUNTING HEIGHTS SHALL BE AS INDICATED ON ARCHITECTURAL DRAWINGS AND COMPLY WITH ADA REQUIREMENTS.
C. VERIFY FIXTURE COLORS WITH ARCHITECT PRIOR TO ORDERING EQUIPMENT.
D. FOR ALL COUNTERTOP SINKS, CONTRACTOR SHALL COORDINATE WITH CABINET WORK TO INSURE THAT THE SINK WILL FIT IN CABINET PRIOR TO ORDERING FIXTURE.
E. FIXTURE DRAWINGS DEPICTED MAY NOT NECESSARILY BE AN ACCURATE DEPICTION OF ACTUAL MODELS DUE TO RECENT PRODUCT UPDATES.
F. ALL FIXTURE STOPS SHALL BE LOOSE KEY.

| Mark | Revisions: | Date: |
|---|---|---|
| | | |

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5/17/2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| | |
|---|---|
| Drawing Title | PLUMBING SCHEDULES |
| Phase | CONSTRUCTION DOCUMENTS |
| Project Title | PREPARE SITE FOR CHOICE DINING EQUIPMENT |
| Project Number | 589A7-23-305 |
| Building Number | 2 |
| Approved: | |
| | FULLY SPRINKLERED |
| Location | 5500 E KELLOGG AVE, WICHITA, KS |
| Issue Date | 05/17/2024 |
| Checked | BDH |
| Drawn | CAE |
| Drawing Number | P-701 |

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# PLUMBING / MECHANICAL SYMBOLS LEGEND

(AS APPLICABLE)

## PIPING AND SPECIALTIES

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|---|---|---|---|---|---|
| RD | REFRIGERANT DISCHARGE | PGR | PROPYLENE GLYCOL RETURN | | INLINE PUMP |
| RL | REFRIGERANT LIQUID | PGS | PROPYLENE GLYCOL SUPPLY | MV | AIR VENT - MANUAL |
| RS | REFRIGERANT SUCTION | FOR | FUEL OIL RETURN | | |
| CD | COIL CONDENSATE DRAIN | FOS | FUEL OIL SUPPLY | A | AIR VENT - AUTOMATIC |
| LPS (XX) | LOW PRESSURE STEAM (PRESSURE) | FOV | FUEL OIL VENT | FS | FLOW SWITCH |
| MPS (XX) | MEDIUM PRESSURE STEAM (PRESSURE) | CR | CONDENSER WATER RETURN | PS | PRESSURE SWITCH |
| HPS (XX) | HIGH PRESSURE STEAM (PRESSURE) | CS | CONDENSER WATER SUPPLY | | |
| LPC | LOW PRESSURE CONDENSATE | HPWR | HEAT PUMP WATER RETURN | AS | AIR SEPARATOR |
| MPC | MEDIUM PRESSURE CONDENSATE | HPWS | HEAT PUMP WATER SUPPLY | | THERMOMETER |
| HPC | HIGH PRESSURE CONDENSATE | D / R | PITCH OF PIPE, RISE (R) OR DROP (D) | TW | THERMOMETER WELL |
| PC | PUMPED CONDENSATE | | PIPE ANCHOR - MAIN | | BALL JOINT |
| MU | MAKE-UP WATER | | PIPE ANCHOR - INTERMEDIATE | PSD | PUMP SUCTION DIFFUSER |
| HCR | HOT/CHILLED WATER RETURN | H | HANGER - ROD | | FLOAT THERMOSTATIC TRAP |
| HCS | HOT/CHILLED WATER SUPPLY | H | HANGER - SPRING | | FLOWMETER - ORIFICE |
| HWR | HEATING WATER RETURN | | ALIGNMENT GUIDE | | FLOWMETER - VENTURI |
| HWS | HEATING WATER SUPPLY | | FLEX CONNECTOR | | DUPLEX STRAINER |
| CWR | CHILLED WATER RETURN | | EXPANSION - LOOP | | |
| CWS | CHILLED WATER SUPPLY | | EXPANSION - JOINT | | |
| EGR | ETHYLENE GLYCOL RETURN | | | | |
| EGS | ETHYLENE GLYCOL SUPPLY | | | | |

## DUCTWORK

| RECT. | RND. | OVAL | | | | | |
|---|---|---|---|---|---|---|---|
| | | | SUPPLY (SA), OUTSIDE (OA), VENTILATION (VA) AIR DUCT (UP/DOWN/SECTION) | R | ELEVATION CHANGE (RISE OR DROP) | FD | FIRE DAMPER (IN HORIZONTAL DUCT) |
| | | | RETURN (RA) AIR DUCT (UP/DOWN/SECTION) | | HIGH EFF. TAKE OFF FITTING WITH VOLUME DAMPER | SD | SMOKE DAMPER (IN HORIZONTAL DUCT) |
| | | | EXHAUST (EA) AIR DUCT (UP/DOWN/SECTION) | BD | BACKDRAFT DAMPER | FD | FIRE DAMPER (IN VERTICAL DUCT) |
| | 10/6 SA | | RECTANGLE DUCT (WIDTH/HEIGHT/SYSTEM) | | TURNING VANES | SD | SMOKE DAMPER (IN VERTICAL DUCT) |
| | 10 Ø SA | | ROUND DUCT (DIAMETER/SYSTEM) | VD | VOLUME CONTROL DAMPER | FSD | FIRE/SMOKE DAMPER (IN HORIZONTAL DUCT) |
| | 10/6 Ø SA | | FLAT OVAL DUCT (WIDTH/HEIGHT/SYSTEM) | | VOLUME CONTROL DAMPER | FSD | FIRE/SMOKE DAMPER (IN VERTICAL DUCT) |
| | | | FLEXIBLE DUCTWORK | | OPPOSED BLADE DAMPER | AD | DUCT ACCESS PANEL |
| | | | | | PARALLEL BLADE DAMPER | RP | RELIEF PANEL |
| | | | | | | CAP | DUCT END CAP |

## H.V.A.C.

| | | | | | |
|---|---|---|---|---|---|
| | SUPPLY DIFFUSER | | VAV TERMINAL UNIT | T | THERMOSTAT |
| | SUPPLY REGISTER | | FAN POWERED VAV TERMINAL UNIT | TG | THERMOSTAT WITH GUARD |
| | SUPPLY SLOT DIFFUSER | | | S XX-X | TEMPERATURE SENSOR - XX-X DENOTES SERVED |
| | RETURN REGISTER | | SIDE WALL DIFFUSER | SCO | CARBON MONOXIDE SENSOR |
| | RETURN GRILLE | | ROUND DIFFUSER | SCO2 | CARBON DIOXIDE SENSOR |
| | EXHAUST REGISTER | | EXTERIOR LOUVER | SNOX | NITROGEN DIOXIDE SENSOR |
| | EXHAUST GRILLE | X / CFM | SUPPLY IDENTIFICATION TAG X DENOTES TYPE | SH | HUMIDITY SENSOR |
| | DUAL DUCT TERMINAL UNIT | X / CFM | RETURN/ EXHAUST/LOUVER IDENTIFICATION TAG X DENOTES TYPE | SP | PRESSURE SENSOR |
| | | M | MOTORIZED ACTUATOR | SG | TEMPERATURE SENSOR WITH GUARD |
| | | | PNEUMATIC ACTUATOR | H | HUMIDISTAT |
| | | | | | EMERGENCY SHUTDOWN SWITCH |

## FITTINGS

| SINGLE LINE | DOUBLE LINE | | SINGLE LINE | DOUBLE LINE | | SINGLE LINE | DOUBLE LINE | |
|---|---|---|---|---|---|---|---|---|
| | | ELBOW | | | ELBOW - DOUBLE BRANCH | | | REDUCER - CONCENTRIC |
| | | LONG RADIUS ELBOW | | | ELBOW - SIDE OUTLET UP | | | REDUCER - ECCENTRIC |
| SR | SR | SHORT RADIUS ELBOW | | | ELBOW - SIDE OUTLET DOWN | | | CAPPED CONNECTION |
| | | 45° ELBOW | | | ELBOW - OUTLET DOWN | | | THREADED CONNECTION |
| | | TEE | | | ELBOW - OUTLET UP | | | FLANGED CONNECTION |
| | | CROSS | | | TEE - OUTLET DOWN | | | STRAINER |
| | | | | | TEE - OUTLET UP | | | STRAINER WITH BALL VALVE DRAIN |
| | | LATERAL | | | TEE - SIDE OUTLET DOWN | | | STRAINER WITH COUPLER |
| | | TEE - SINGLE SWEEP | | | TEE - SIDE OUTLET UP | | | BUSHING |
| | | | | | | | | FLOW DIRECTION |
| | | | | | SIAMESE CONNECTION | | | |

## VALVES

| | | | | | |
|---|---|---|---|---|---|
| | GATE VALVE | | STOP/CHECK GATE VALVE (ARROW IND. FLOW) | | MULTIPURPOSE VALVE |
| | ANGLE GATE VALVE | | SPRING GATE CHECK VALVE (ARROW IND. FLOW) | PC PRV-X | PRESSURE REDUCING VALVE |
| | BALL VALVE | | SWING GATE CHECK VALVE (ARROW IND. FLOW) | PC PRV-X | PRESSURE REDUCING PILOT VALVE |
| | LOCKABLE BALL VALVE | | ANGLE STOP/CHECK VALVE | | REDUCED PRESS. BACKFLOW ASSY. |
| | BUTTERFLY VALVE | M | 2-WAY ELECTROMOTOR VALVE | DC | DOUBLE CHK VALVE BACKFLOW ASSY. |
| | GLOBE VALVE | | 2-WAY AIRMOTOR VALVE | DDC | DOUBLE DETECTOR CHECK VALVE |
| | ANGLE GLOBE VALVE | | 2-WAY MANUAL VALVE | | OUTSIDE STEM & YOKE VALVE |
| | PLUG VALVE | M | 3-WAY ELECTROMOTOR VALVE | | QUICK CLOSING FUSIBLE LINK VALVE |
| | DIAPHRAGM VALVE | | 3-WAY AIRMOTOR VALVE | | QUICK OPENING VALVE |
| | DIAPHRAGM ACTUATED VALVE | | 3-WAY MANUAL VALVE | | PRESSURE GAUGE & BALL VALVE |
| | VALVE IN VERTICAL LINE | | SAFETY PRESSURE RELIEF VALVE | | GATE VALVE WITH GLOBE VALVE BY-PASS |
| | HOSE GATE VALVE | | PRESSURE RELIEF VALVE | | GLOBE VALVE WITH GLOBE VALVE BY-PASS |
| | HOSE GLOBE VALVE | | TEMPERATURE MIXING VALVE | | SPRINKLER - CONCEALED |
| | HOSE ANGLE VALVE | | AUTO FLOW VALVE | R | SPRINKLER - RECESSED |
| | SOLENOID VALVE | | FLOAT VALVE | | SPRINKLER - SIDEWALL |
| PIV | POST INDICATOR VALVE | | LOCK SHIELD | | SPRINKLER - UPRIGHT |
| | | | CIRCUIT SETTER | | SPRINKLER - ZONE CONTROL |

## MEDICAL PIPING

| | | | | | |
|---|---|---|---|---|---|
| MA | MEDICAL AIR | N | MEDICAL NITROGEN | VAC | MEDICAL VACUUM |
| NOX | MEDICAL NITROUS OXIDE | OX | MEDICAL OXYGEN | WAG | WASTE ANESTHETIC GAS DISPOSAL |

## PLUMBING

| | | | | | |
|---|---|---|---|---|---|
| | PIPE REMOVAL | NPCW | NON-POTABLE COLD WATER | P | TRAP PRIMER |
| DCW | DOMESTIC COLD WATER | NPHW | NON-POTABLE HOT WATER | HB | HOSE BIBB |
| DHW | DOMESTIC HOT WATER | NPSW | NON-POTABLE SOFT WATER | WH | WALL HYDRANT |
| RHW | DOMESTIC HOT WATER RECIRC. | PD | PUMPED DISCHARGE | RH | ROOF HYDRANT |
| DSW | DOMESTIC SOFT WATER | G (XX) | NATURAL GAS (PSIG) | CO | CLEAN OUT |
| SAN | SANITARY | PG (XX) | PROPANE GAS (PSIG) | FCO | FLOOR CLEAN OUT |
| ST | STORM | V | VENT | FD | FLOOR DRAIN |
| SO | STORM OVERFLOW | AW | ACID WASTE | VTR | VENT THRU ROOF (X DENOTES IDENTIFICATION) |
| GW | GREASE WASTE | AV | ACID VENT | RD | ROOF DRAIN |
| CA | COMPRESSED AIR | OSW | OIL/SAND | ORD | OVERFLOW ROOF DRAIN |
| PA | PROCESSED AIR | IR | IRRIGATION | DSN | DOWNSPOUT NOZZLE |

## MISCELLANEOUS

| | | | | | |
|---|---|---|---|---|---|
| XX / X | EQUIPMENT IDENTIFICATION TAG (ELECTRICAL CONNECTION REQUIRED) | | NEW CONNECTION POINT | WC | WATER CLOSET |
| X / XX | DETAIL REFERENCE SHEET REFERENCE | | POINT OF DISCONNECT | UR | URINAL |
| | | OA | OUTSIDE AIR | L | LAVATORY |
| X / XX X / XX | SECTION CUT REFERENCE SHEET REFERENCE | VA | VENTILATION AIR | S | SINK |
| | | EA | EXHAUST AIR | DF | DRINKING FOUNTAIN |
| | ELECTRICAL PANEL - SHOWN FOR COORDINATION PURPOSES ONLY | RA | RELIEF OR RETURN AIR | EWC | ELECTRIC WATER COOLER |
| | | SA | SUPPLY AIR | SS | SERVICE SINK |
| | ELECTRICAL PANEL - SHOWN FOR COORDINATION PURPOSES ONLY | MA | MIXED AIR | SH | SHOWER |
| | | RF | RELIEF OR RETURN FAN | DWH | DOMESTIC WATER HEATER |
| | ELECTRICAL PANEL - SHOWN FOR COORDINATION PURPOSES ONLY | EF | EXHAUST FAN | MSB | MOP SINK BASIN |
| T | ELECTRICAL TRANSFORMER - SHOWN FOR COORDINATION PURPOSES ONLY | DCE | DUST COLLECTION EXHAUST | (E) | DASHED DARK LINEWORK = DEMOLITION<br>LIGHT LINEWORK = EXISTING |
| | | (TYP) | TYPICAL | | DARK LINEWORK = NEW |

## GENERAL MECHANICAL / PLUMBING DEMOLITION NOTES

APPLY TO ALL MECHANICAL AND PLUMBING SHEETS

1. ALL EXISTING ITEMS AND ASSOCIATED PIPING, ACCESSORIES, SUPPORTS AND HANGARS INDICATED BY BOLD, DASHED, HEAVY LINES OR IDENTIFIED BY NOTES, SHALL BE COMPLETELY REMOVED. PRIOR TO PROPER DISPOSAL OF REMOVED ITEMS, OWNER SHALL HAVE FIRST RIGHT OF REFUSAL.
2. DRAWINGS INDICATE APPROXIMATE ROUTING OF PIPING, DUCTWORK AND MAJOR COMPONENTS AND DO NOT INCLUDE ALL OFFSETS, FITTINGS, VALVES, ETC. CONTRACTOR SHALL FIELD VERIFY EXACT SIZE AND ROUTING PRIOR TO REMOVAL OR RELOCATION. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVAL OF MISCELLANEOUS MECHANICAL ITEMS LOCATED ON OR IN ANY WALLS TO BE REMOVED.
3. EXISTING INSULATION DAMAGED DURING DEMOLITION / CONSTRUCTION ACTIVITIES SHALL BE REPAIRED WITH SIMILAR MATERIALS.
4. ALL OPENINGS THROUGH WALLS AND FLOOR SLABS NOT BEING REUSED SHALL BE PATCHED WITH LIKE MATERIALS AND PAINTED TO MATCH EXISTING.
5. ALL OPENINGS THROUGH ROOF NOT BEING REUSED SHALL BE PATCHED WITH LIKE MATERIALS AND SEALED WATERTIGHT.
6. CONTRACTOR SHALL REMOVE ALL MATERIALS AS REQUIRED AND SHALL GIVE OWNER THE OPPORTUNITY TO INSPECT SUCH MATERIALS FOR POTENTIAL SALVAGE. CONTRACTOR SHALL REMOVE FROM THE SITE ALL MATERIALS DEEMED "NON-SALVAGEABLE" BY THE OWNER. CONTRACTOR SHALL TURN OVER TO OWNER ALL MATERIALS DEEMED "SALVAGEABLE" BY THE OWNER.

## GENERAL MECHANICAL NOTES

APPLY TO ALL MECHANICAL DUCTWORK SHEETS

A. LIGHT LINE WEIGHT INDICATES EXISTING ITEMS AND ASSOCIATED MATERIALS TO REMAIN. BOLD LINE WEIGHT INDICATES NEW WORK TO BE INSTALLED UNDER THIS CONTRACT.
B. ROUTING INDICATED ON DRAWINGS IS APPROXIMATE AND DOES NOT INCLUDE ALL OFFSETS, FITTINGS, VALVES, ETC. CONTRACTOR TO FIELD VERIFY DUCT SIZE AND SERVICE PRIOR TO FINAL CONNECTION. COORDINATE LOCATION OF HVAC WORK WITH LIGHTING, STRUCTURAL MEMBERS, PIPING SYSTEMS, ETC. PROVIDE OFFSETS AND CLEARANCES OR RELOCATE HVAC WORK AS REQUIRED TO AVOID CONFLICTS WITH WORK OF ALL OTHER TRADES.
C. HVAC WORK SHALL NOT BE LOCATED OVER ELECTRICAL, DATA, OR COMMUNICATION EQUIPMENT ROOMS. HVAC WORK SHALL NOT BE LOCATED ABOVE ELECTRICAL / DATA / COMMUNICATION EQUIPMENT OR PANELS.
D. SUPPORT ALL DUCTWORK, PIPING, EQUIPMENT, ETC. FROM BUILDING STRUCTURE. HOLD PIPING TIGHT TO BOTTOM OF STRUCTURAL MEMBERS OR RUN THROUGH JOIST WEBS IF POSSIBLE. DO NOT USE WIRE OR PERFORATED METAL TO SUPPORT PIPING. DO NOT SUPPORT PIPING FROM OTHER PIPING, DUCTWORK AND/OR ELECTRICAL CONDUITS. DO NOT SUPPORT FROM BOTTOM OF CHORD OF BAR JOIST OR FROM METAL ROOF DECK.
E. ALL DUCT SIZES SHOWN ARE CLEAR AIRWAY DIMENSIONS. INCREASE SHEET METAL SIZE TO ACCOMMODATE DUCT LINER AS REQUIRED.
F. ELBOWS SHALL BE CONSTRUCTED WITH CENTERLINE RADIUS OF NOT LESS THAN 1-1/2 TIMES THE WIDTH OF DUCT. WHERE SPACE CONDITIONS DO NOT PERMIT THIS RADIUS OR WHERE INDICATED ON DRAWINGS SQUARE ELBOWS WITH TURNING VANES SHALL BE USED.
G. SIZE TRANSITIONS WITH A MINIMUM SLOPE OF 1:4.
H. PROVIDE DRAW BANDS AND SEAL END OF DUCT INSULATION ON ALL FLEXIBLE CONNECTIONS. MAXIMUM LENGTH OF FLEXIBLE DUCTS SHALL BE THREE FEET.
I. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SEALING PENETRATIONS THROUGH A FIRE RATED, SMOKE RATED OR COMBINATION FIRE & SMOKE RATED SEPARATIONS. SEE SPECIFICATIONS FOR FIRE & SMOKE RATED SEALANTS. SEE ARCHITECTURAL PLANS FOR RATED SEPARATIONS.
J. COORDINATE ALL GRILLE, REGISTER AND DIFFUSER LOCATIONS WITH REFLECTED CEILING PLAN, LIGHT FIXTURES, SPRINKLER HEADS, COMMUNICATION/SOUND DEVICES AND FIRE ALARM DEVICES.
K. INSTALL ESCUTCHEON PLATES ON ALL WALL PENETRATIONS SERVING ROUND DUCT WALL PENETRATIONS. FABRICATE ESCUTCHEON PLATES TO TRIM THE OPENING IN THE WALL.
L. INSTALL WALL ANGLE FOR ALL RECTANGULAR DUCT PENETRATIONS THROUGH WALLS.
M. FOR EXPOSED DUCTWORK THOROUGHLY CLEAN, REMOVE ALL SHIPPING LABELS AND OTHER IDENTIFICATION TAGS. DUCTWORK DESIGNATED TO BE PAINTED SHALL HAVE PHOSPHATIZED FINISH. PROVIDE MILL-PHOSPHATIZED FINISH FOR EXPOSED NOT DESIGNATED TO BE PAINTED. COORDINATE WITH ARCHITECTURAL DRAWINGS DUCTWORK DESIGNATED FOR PAINTING AND EXPOSED DUCTWORK REQUIREMENTS.
N. PROVIDE DUCT MOUNTED ACCESS DOOR AT FIRE DAMPER, SMOKE DAMPER OR COMBINATION FIRE/SMOKE DAMPERS TO ALLOW FOR MAINTENANCE AND VISUAL INSPECTION PER NFPA REQUIREMENTS.
O. VOLUME DAMPERS ABOVE INACCESSIBLE CEILINGS SHALL HAVE EXTENSION RODS AND ESCUTCHEON PLATES.
P. LOCATE AND INSTALL EQUIPMENT TO PROVIDE ALL CODE AND MANUFACTURER'S RECOMMENDED CLEARANCES. KEEP HVAC PIPING, DUCTWORK, ETC. OUT OF CLEARANCE AREAS.
Q. ALL OPENINGS IN WALLS AND FLOORS FOR PIPING SHALL BE CORE DRILLED OR SAW CUT, UNLESS OTHERWISE NOTED.
R. ALL HVAC PIPING WORK SHALL BE LOCATED ABOVE CEILINGS, IN A PIPE CHASE, OR OTHER CONCEALED LOCATIONS, UNLESS OTHERWISE NOTED. LOCATE AND ARRANGE VALVES, DRAIN FITTINGS, ETC. TO BE ACCESSIBLE THROUGH LAY-IN CEILINGS, ACCESS PANELS OR ACCESS DOORS. PROVIDE ACCESS PANEL OR ACCESS DOOR FOR ALL VALVES, DRAIN FITTINGS, ETC. AT NON-ACCESSIBLE LOCATIONS.
S. INSTALL SECTIONAL VALVES ON EACH BRANCH AND/OR RISER SERVING TWO OR MORE HYDRONIC TERMINALS OR EQUIPMENT CONNECTIONS. INSTALL VALVES ADJACENT TO MAIN.
T. INSTALL SHUTOFF VALVES ON INLET AND OUTLET OF EACH MECHANICAL EQUIPMENT ITEM AND/OR EACH HYDRONIC TERMINAL.
U. SLOPE HVAC PIPING TO DRAIN VALVES. PROVIDE MANUAL AIR VENTS AT HIGH POINTS AND AT TOP OF RISERS.
V. SEAL ALL HVAC PENETRATIONS. SEAL PENETRATIONS THROUGH RATED WALLS, FLOORS OR CEILINGS WITH MATERIALS APPROPRIATE FOR RATING.
W. PIPING IN EXTERIOR WALLS SHALL BE LOCATED ON THE INTERIOR SIDE OF BUILDING INSULATION AND VAPOR BARRIER.
X. COORDINATE INSTALLATION OF BUILDING INSULATION TO RUN CONTINUOUS BETWEEN PIPING AND EXTERIOR WALL SURFACE.
Y. PVC PIPING SHALL NOT BE INSTALLED IN ANY RETURN AIR PLENUM UNLESS THE PIPING IS INSTALLED IN A PRE-APPROVED RATED ASSEMBLY.
Z. COORDINATE DUCTWORK WITH STRUCTURAL CROSS BRACING. PROVIDE TOP AND BOTTOM BRIDGING BETWEEN JOISTS WHERE DUCTWORK IS TO BE INSTALLED BETWEEN THE JOISTS. COORDINATE WITH ALL TRADES.

NOTICE:
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SHOP AND OTHER APPROPRIATE DRAWINGS OR AT SITE. LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND CODES. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL MECHANICAL / PLUMBING PLANS.

| Mark | Revisions: | Date: |
|---|---|---|
| | | |

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| Drawing Title | Phase | Project Title | Project Number |
|---|---|---|---|
| MECHANICAL SYMBOLS LEGEND AND GENERAL NOTES | CONSTRUCTION DOCUMENTS | PREPARE SITE FOR CHOICE DINING EQUIPMENT | 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: MG101 |
| | | Issue Date: 05/17/2024 · Checked: BDH · Drawn: CAE | |

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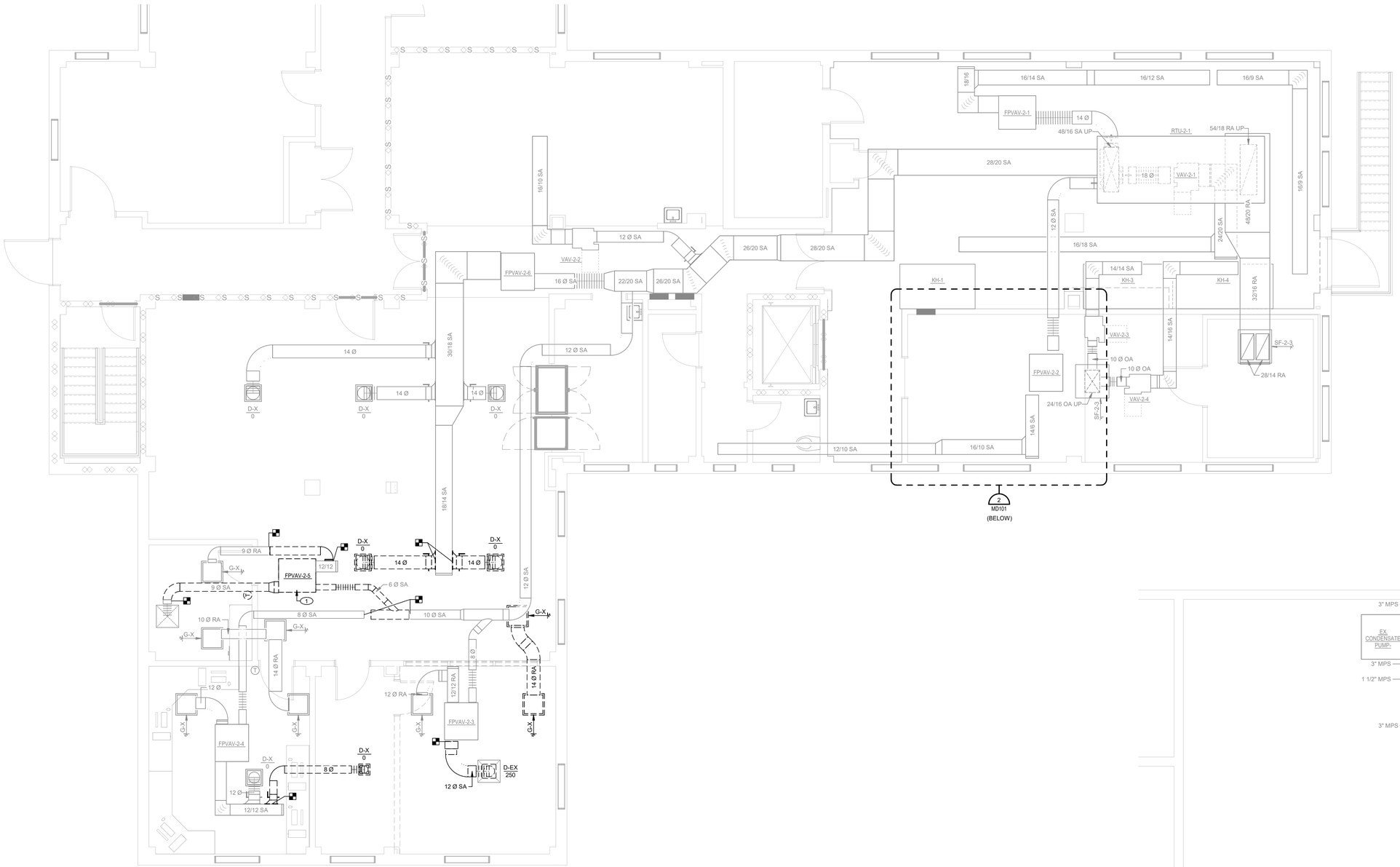
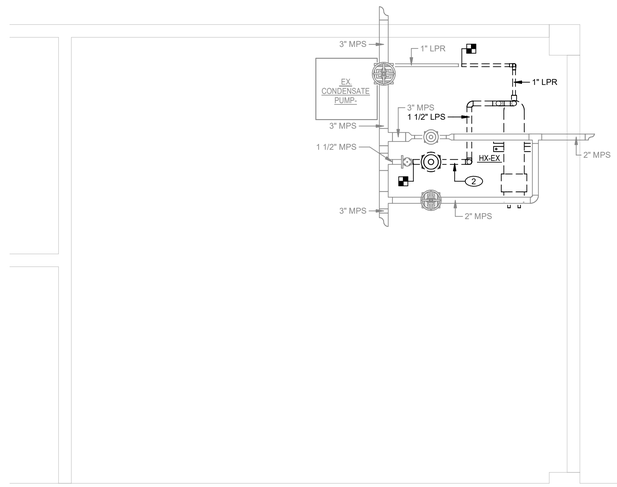
## KEYNOTES

| | |
|---|---|
| 1 | REMOVE EXISTING FAN POWERED BOX AND DUCT RUNOUT BACK TO MAIN. PREPARE MAIN FOR RECONNECTION. REMOVE HOT WATER PIPING CONNECTION AND PRESERVE ALL PIPING AND CONTROLS FOR RECONNECTION TO NEW TERMINAL UNIT. |
| 2 | REMOVE STEAM AND CONDENSATE PIPING CONNECTIONS TO EXISTING DOMESTIC WATER HEATER. WORK ASSOCIATED WITH THIS EQUIPMENT WILL NEED TO BE COORDINATED WITH THE FACILITY AND WILL LIKELY REQUIRE NIGHT AND WEEKEND WORK. |




1 FIRST FLOOR MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"




2 ENLARGED GROUND FLOOR MECHANICAL DEMO PLAN
1/2" = 1'-0"

| Mark | Revisions: | Date: |
|---|---|---|

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| Drawing Title | Phase | Project Title | Project Number |
|---|---|---|---|
| FIRST FLOOR MECHANICAL DEMOLITION PLAN | CONSTRUCTION DOCUMENTS | PREPARE SITE FOR CHOICE DINING EQUIPMENT | 589A7-23-305 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Building Number: 2 |
| | | Issue Date: 05/17/2024 · Checked: BDH · Drawn: CAE | Drawing Number: MD101 |

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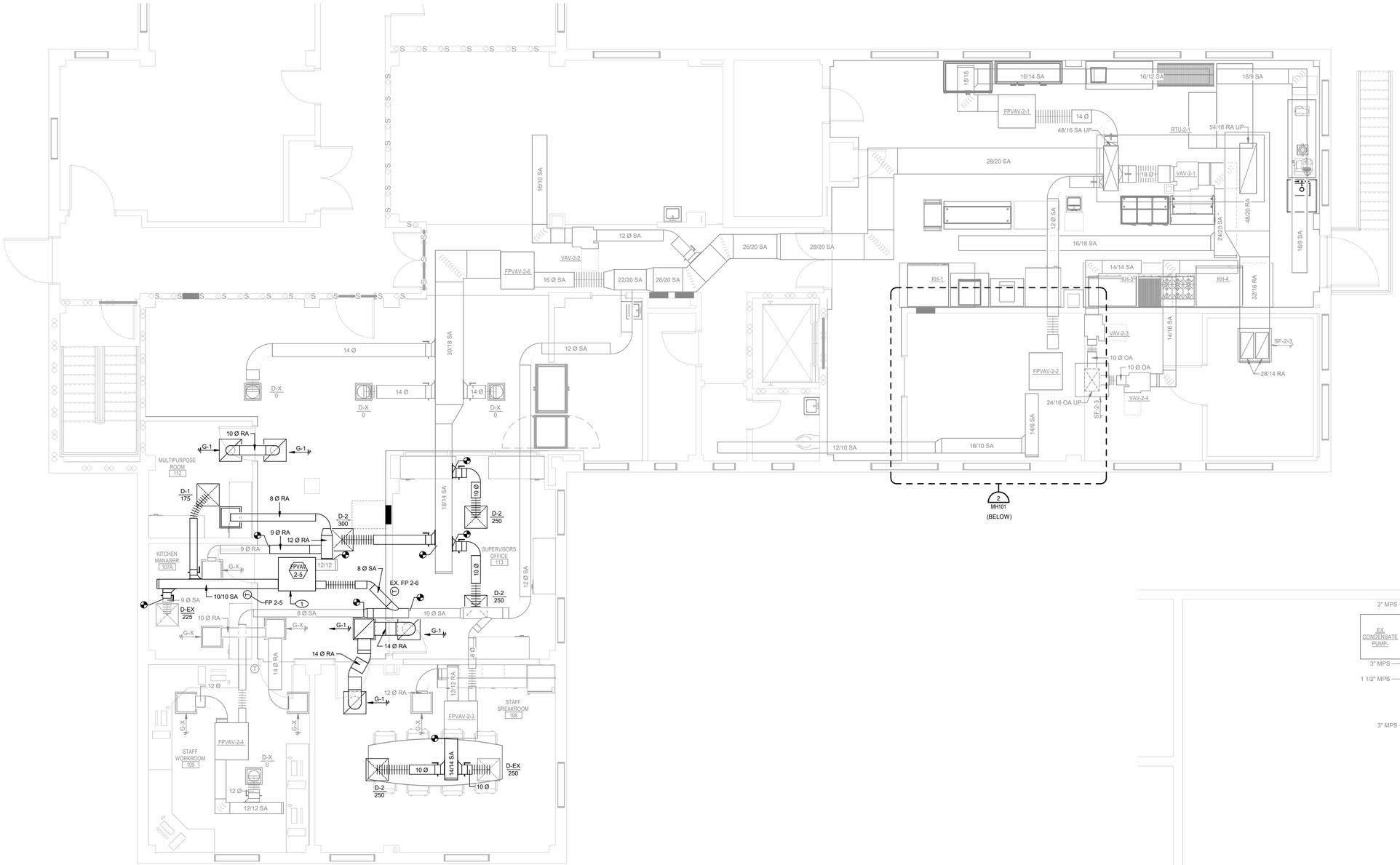
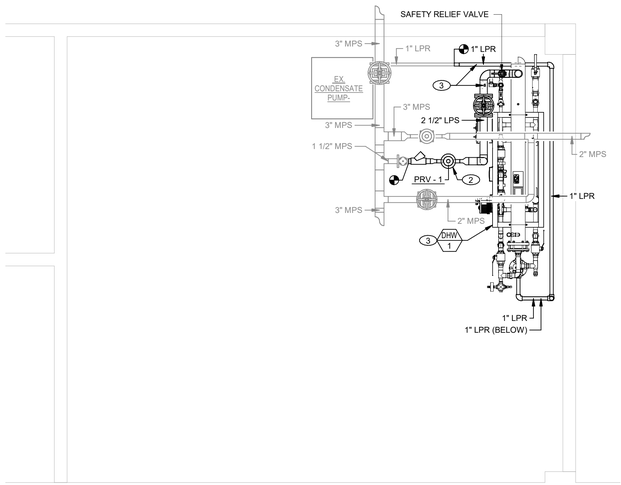
## KEYNOTES

| | |
|---|---|
| 1 | PROVIDE NEW FAN POWERED BOX IN LOCATION OF EXISTING BOX. RECONNECT EXISTING HOT WATER PIPING TO NEW BOX. RE-SET OR REPLACE BALANCE VALVE FOR NEW WATER FLOW RATE. |
| 2 | PROVIDE STEAM PRESSURE REGULATING VALVE TO REDUCE 30 LB STEAM TO 15 LB STEAM. CAPACITY OF VALVE TO BE 2000 LB/HR. |
| 3 | ROUTE NEW STEAM AND CONDENSATE LINES TO NEW WATER HEATER. COORDINATE EXACT TIE IN LOCATIONS WITH ACTUAL PURCHASED EQUIPMENT. WORK ASSOCIATED WITH THIS EQUIPMENT WILL NEED TO BE COORDINATED WITH THE FACILITY AND WILL LIKELY REQUIRE NIGHT AND WEEKEND WORK. |




1 FIRST FLOOR HVAC PLAN
1/4" = 1'-0"




2 ENLARGED GROUND FLOOR PIPING PLAN
1/2" = 1'-0"

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| | | | |
|---|---|---|---|
| Drawing Title: FIRST FLOOR HVAC PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: MH101 |
| | | Issue Date: 05/17/2024 · Checked: BDH · Drawn: CAE | |

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## AIR TERMINAL SCHEDULE

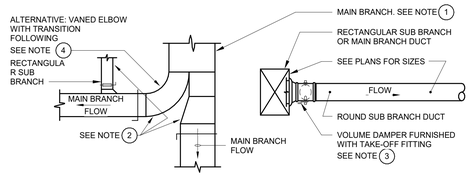
| MARK | FUNCTION | TYPE | MAX CFM | MAX N.C | FACE SIZE (INCHES) | NECK & RUNOUT SIZE (INCHES) | MATERIAL | FINISH | MANUFACTURER | MODEL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D-1 | SUPPLY | SQUARE PLAQUE FACE | 250 CFM | 25 | 24 X 24 | 8" DIA | STEEL | WHITE | KRUEGER | PLQ | 1, 2, 3, 4, 5 |
| D-2 | SUPPLY | SQUARE PLAQUE FACE | 380 CFM | 25 | 24 X 24 | 10" DIA | STEEL | WHITE | KRUEGER | PLQ | 1, 2, 3, 4, 5 |
| G-1 | RETURN | PERFORATED PANEL | 1950 CFM | 25 | 24 X 24 | 22 X 22 | STEEL | WHITE | KRUEGER | 6490 | 1, 2, 3, 4, 5 |
| G-X | RETURN | SURFACE MOUNT | 0 CFM | 0 | 20 X 20 | | STEEL | WHITE | KRUEGER | 1900 | 1, 2, 3, 4 |

REMARKS:
1. PROVIDE SPECIFIC NOISE CRITERIA (NC) DATA FOR EACH LINE ITEM WITH SHOP DRAWINGS.
2. COLOR SELECTED BY ARCHITECT.
3. COORDINATE BORDER OR FRAME TYPE WITH ARCHITECTURAL REFLECTED CEILING PLAN.
4. SEE TYPICAL LOW PRESSURE DUCT DETAIL AND DIFFUSER CONNECTION DETAIL FOR ADDITIONAL INFORMATION.
5. PROVIDE REMOTE DAMPER ACTUATION IN HARD CEILINGS.

## FAN POWERED VAV TERMINAL UNIT - HOT WATER REHEAT (PARALLEL FLOW)

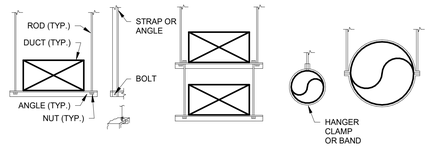
| MARK | LOCATION | SERVES | PRIMARY AIR SOURCE | UNIT SIZE | INLET SIZE | AIRFLOW | | FAN | | | HEATING FLOW RATE (CFM) | NOISE MAX NC | CAPCITY (MBH) | FLOW RATE (GPM) | MAX APD (IN WC) | MAX WPD (FT) | ROWS | EAT (°F) | LAT (°F) | EWT (°F) | LWT (°F) | MANUFACTURER & MODEL NO. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | MAX (CFM) | MIN (CFM) | CFM | ESP | HP | | | | | | | | | | | | | |
| FPVAV-2-5 | BUILDING 2 | MULTIPURPOSE ROOM / KITCHEN MANAGER | RTU-EX | 2 | 8 | 400 | 160 | 400 | 0.5 | 0.25 | 400 | 30 | 13 | 1.0 | 0.25 | 5.0 | 2.0 | 65.0 | 95 | 180 | 150 | TITUS DTQP | 1,2,3 |
| | | | | | | | | | | | | | | | | | | | | | | | |

REMARKS:
1. ALL HEATING COILS TO BE AT A MINIMUM OF 2-ROWS.
2. PROVIDE ACCESS DOOR IN TERMINAL UNIT.
3. PROVIDE FIBRE FREE INTERNAL LINER



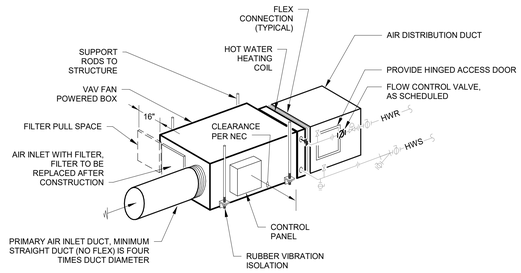

1. DUCT SPLITS TO DIVIDE FLOW SHALL BE PROPORTIONATE TO SUM TOTAL OF BRANCH DUCT CFM SHOWN ON FLOOR PLANS.
2. ELBOW RADIUS, TAKE-OFF ANGLE AND TRANSITION ANGLE SHALL BE PER SMACNA RECOMMENDATIONS.
3. ROUND DUCT TAKE-OFFS FROM RECTANGULAR DUCTS SHALL BE MADE WITH A HIGH EFFICIENCY FLANGED AND GASKETED FITTING. THE MOUNTING GROOVE SHALL BE SO CONSTRUCTED AS TO ENSURE CONSTANT FIT CONTROL. BALANCING DAMPERS SHALL BE FACTORY INSTALLED WITH SPRING LOADED RETRACTABLE BEARINGS AND A POSITIVE LOCKING WING NUT FOR EASY READJUSTMENT WHEN NEEDED. FITTING SHALL BE FULLY GASKETED ON ALL FLANGES AND CORNERS FOR HIGH EFFICIENCY TAKE-OFF FITTINGS.
4. ALL ELBOWS SHALL BE RADIUS TYPE, EXCEPT WHERE SPACE RESTRICTIONS NECESSITATE USING 90° MITERED VANED ELBOWS.
5. VOLUME DAMPERS SHALL BE PROVIDED ON ALL LOW PRESSURE SUPPLY DUCT BRANCHES AND ON ALL RETURN AND EXHAUST DUCT BRANCHES.

### 1 TYPICAL LOW PRESSURE DUCT DETAIL
NOT TO SCALE

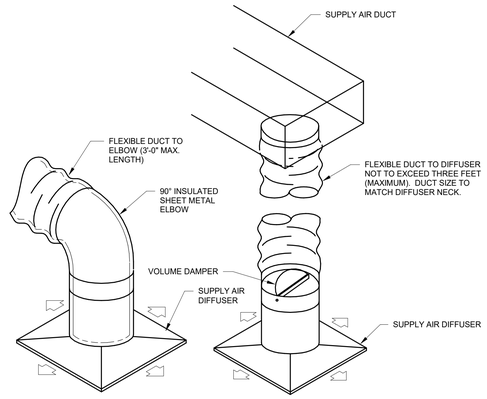



NOTES:
1. DO NOT EXCEED ALLOWABLE LOAD LIMITS OF ANY OR ALL OF THE INDIVIDUAL TRAPEZE PARTS.
2. DO NOT PENETRATE DUCT OR DUCT INSULATION VAPOR BARRIER WHEN SECURING HANGERS TO DUCTWORK. EVENTUALLY THE PENETRATIONS WILL LEAK.
3. USE HANGER CLAMPS OR BANDS FOR ROUND DUCT AS ROUND DUCT TENDS TO DEFORM ON TRAPEZE HANGERS.
4. TEARS, PUNCTURES, ETC. SHALL BE REPAIRED WITH TAPE OR MASTIC TO MAINTAIN THE INTEGRITY OF THE VAPOR BARRIER.
5. DO NOT USE ANY STRAP HANGERS WITH SCREWS ON ANY DUCTWORK THAT IS EXTERNALLY WRAPPED.

### 2 DUCTWORK HANGERS
NOT TO SCALE




### 4 FAN POWERED VAV WITH HOT WATER REHEAT BOX DETAIL
NOT TO SCALE




NOTE:
ALL DUCTWORK TO BE INSULATED DOWN TO AND INCLUDING DIFFUSER NECK AND BACK OF DIFFUSER.

### 3 DIFFUSER CONNECTION DETAIL
NOT TO SCALE

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| Drawing Title | Phase | Project Title | Project Number |
|---|---|---|---|
| MECHANICAL DETAILS AND SCHEDULES | CONSTRUCTION DOCUMENTS | PREPARE SITE FOR CHOICE DINING EQUIPMENT | 589A7-23-305 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Building Number: 2 |
| | | Issue Date: 05/17/2024 / Checked: BDH / Drawn: CAE | Drawing Number: M-501 |

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# ELECTRICAL SYMBOLS LEGEND

(AS APPLICABLE)

## SWITCHING

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|---|---|---|---|
| S a | SINGLE POLE SWITCH - LETTER INDICATES SWITCH LEG | S T | TIMER SWITCH |
| S 2 | DOUBLE POLE SWITCH | S S | SENSOR SWITCH - WALL MOUNTED: SEE LIGHTING CONTROL SCHEME NARRATIVE FOR TYPE |
| S 3 | THREE-WAY SWITCH | S S,D | SENSOR SWITCH - WITH DIMMING - WALL MOUNTED: SEE LIGHTING CONTROL SCHEME NARRATIVE FOR TYPE |
| S 4 | FOUR-WAY SWITCH | S S,# | SENSOR - CEILING MOUNTED: SEE LIGHTING CONTROL SCHEME NARRATIVE FOR TYPE |
| S D | DIMMER SWITCH | S S,# | SENSOR - WALL MOUNTED: SEE LIGHTING CONTROL SCHEME NARRATIVE FOR TYPE |
| S H | HORSEPOWER RATED SWITCH | DS,# | DAYLIGHTING SENSOR - CEILING MOUNTED |
| S F | FUSED SWITCH | a | LIGHTING CONTROL STATION - LETTER INDICATES TYPE |
| S TE | THERMAL ELEMENT | | |
| S M | MOMENTARY CONTACT SWITCH | | |
| S K | KEY OPERATED SWITCH | | |
| S P | PILOT LIGHT SWITCH | | |

NUMBER INDICATES ZONE OF LUMINAIRES TO BE CONTROLLED BY SENSOR(S). NO NUMBER INDICATES ALL ROOM LUMINAIRES TO BE CONTROLLED BY SENSOR(S).

## LIGHTING

LABEL INFORMATION [ ] A, # — LETTER INDICATES LUMINAIRE MARK, NUMBER INDICATES ZONE IDENTIFIER, NO NUMBER INDICATES SINGLE ZONE

| | | | |
|---|---|---|---|
| | LUMINAIRE | | WALL MOUNTED LUMINAIRE |
| | LUMINAIRE - EMERGENCY | | WALL MOUNTED LUMINAIRE - EMERGENCY |
| | LUMINAIRE - NIGHT LIGHT | | WALL MOUNTED LUMINAIRE - NIGHT LIGHT |
| | WALL MOUNTED LUMINAIRE | | EXIT SIGN - WALL/CEILING MOUNTED (SHADING DENOTES EXIT FACE SIDE) |
| | WALL MOUNTED LUMINAIRE - EMERGENCY | | EXIT SIGN/EMERGENCY LUMINAIRE COMBINATION WALL/CEILING MOUNTED |
| | WALL MOUNTED LUMINAIRE - NIGHT LIGHT | | PHOTOCELL, DAYLIGHT SENSOR |
| | STRIP LUMINAIRE | | EXTERIOR LUMINAIRE - POLE MOUNTED |
| | STRIP LUMINAIRE - EMERGENCY | | EXTERIOR LUMINAIRE - POLE MOUNTED |
| | STRIP LUMINAIRE - NIGHT LIGHT | | EXTERIOR LUMINAIRE - POLE MOUNTED |
| | LUMINAIRE | | EXTERIOR LUMINAIRE - POLE MOUNTED |
| | LUMINAIRE - EMERGENCY | | FLOOD LIGHT LUMINAIRE |
| | LUMINAIRE - NIGHT LIGHT | | EMERGENCY BATTERY PACK |
| | | | EMERGENCY LUMINAIRE REMOTE HEADS |
| | | | TRACK LUMINAIRE |

## POWER DEVICES

| | | | |
|---|---|---|---|
| | SINGLE RECEPTACLE | | LIGHTING & APPLIANCE PANELBOARD |
| | DUPLEX RECEPTACLE | | POWER DISTRIBUTION EQUIPMENT |
| | FOUR-PLEX RECEPTACLE - TWO DUPLEX RECEPTACLES | T | TRANSFORMER |
| | RANGE RECEPTACLE | | ENCLOSED CIRCUIT BREAKER |
| | SPECIAL RECEPTACLE | | CABINET (TYPE INDICATED) |
| | SPECIAL RECEPTACLE - CEILING MOUNTED | | MOTOR STARTER, LIGHTING CONTACTOR |
| G | DUPLEX RECEPTACLE - GROUND-FAULT CIRCUIT-INTERRUPTER | | SAFETY SWITCH |
| IG | DUPLEX RECEPTACLE - ISOLATED GROUND | IG | COMBINATION MOTOR STARTER & SAFETY SWITCH |
| WR | DUPLEX RECEPTACLE - WEATHER-RESISTANT GROUND-FAULT CIRCUIT-INTERRUPTER | | MOTOR |
| A | DUPLEX RECEPTACLE - ON APPLIANCE CIRCUIT | J | CORD DROP (J-BOX AT CEILING) |
| T | DUPLEX RECEPTACLE - TAMPER-RESISTANT | | CORD DROP (SPECIAL RECEPTACLE AT CEILING) |
| F | DUPLEX RECEPTACLE - ARC-FAULT RATED | | MULTI-OUTLET ASSEMBLY |
| U | DUPLEX RECEPTACLE - WITH USB PORTS | | FLUSH FLOOR BOX |
| | DUPLEX RECEPTACLE - EMERGENCY (RED) | | FLUSH POKE-THRU |
| | DUPLEX RECEPTACLE - CEILING MOUNTED | | DAMPER |
| | DUPLEX RECEPTACLE - SPLIT-WIRE/PLUG LOAD CONTROLLED | S | SOLENOID |
| J | JUNCTION BOX | | |

## RACEWAYS

| | | | |
|---|---|---|---|
| | HOME RUN TO PANEL | T | TELEPHONE CONDUIT |
| L | UNSWITCHED LIGHTING CIRCUIT | | CONDUIT UP |
| N | MASTER SATELLITE FIXTURE CONNECTION | | CONDUIT DOWN |
| E | EMERGENCY CIRCUIT | | CONDUIT SEAL |
| NL | NIGHT LIGHTING CIRCUIT | | CABLE TRAY |
| S | SOUND SYSTEM RACEWAY | # | CONDUIT SLEEVE (NUMBER INDICATES SIZE) |

## MISCELLANEOUS

| | | | |
|---|---|---|---|
| XX X | EQUIPMENT IDENTIFICATION TAG | NF | NON-FUSED |
| X / XXX | DETAIL REFERENCE / SHEET REFERENCE | WP | WEATHER-PROOF |
| | | WG | WIRE GUARD |
| FACP | FIRE ALARM CONTROL PANEL | XP | EXPLOSION PROOF |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL | 30/3/10/3R | RATED AMPACITY/NO. POLES/FUSING REQ'D/NEMA ENCL. NO. |
| HOA | HAND-OFF-AUTO | MR | MANUFACTURER'S RECOMMENDATION |
| CCT. | CIRCUIT | AL | ALUMINUM |
| PART. CCT. | PARTIAL CIRCUIT | | LIGHT LINEWORK = EXISTING |
| AFF | ABOVE FINISHED FLOOR | | DARK/DASHED LINEWORK = DEMOLITION |
| | | | DARK LINEWORK = NEW |

## COMMUNICATIONS

| | | | |
|---|---|---|---|
| W | TELEPHONE OUTLET - WALL MOUNTED | | TELEPHONE CABINET |
| # | TELEPHONE OUTLET BOX | C | CLOCK HANGER OUTLET |
| # | DATA OUTLET BOX | C | CLOCK - WALL MOUNTED |
| # | PHONE OUTLET BOX - CEILING MOUNTED | C 2 | CLOCK - CEILING MOUNTED (DOUBLE FACE) |
| # | DATA OUTLET BOX - CEILING MOUNTED | C S | CLASSROOM CLOCK & SPEAKER |
| WAP | WIRELESS ACCESS POINT - CEILING MOUNTED | A | T.V. ANTENNA OUTLET |
| | COMBINATION TELEPHONE/DATA OUTLET BOX - ONE JACK EACH | V | INTERCOM/PAGING VOLUME CONTROL |
| | DATA OUTLET BOX - BLANK PLATE, 1" CONDUIT | V | SOUND SYSTEM VOLUME CONTROL |
| S | INTERCOM/PAGING SPEAKER - CEILING MOUNTED | IC | DOOR INTERCOM |
| S | INTERCOM/PAGING SPEAKER - WALL MOUNTED | | GROUND BAR |
| S | INTERCOM/PAGING SPEAKER HORN - WALL MOUNTED | | |
| S | SOUND SYSTEM SPEAKER - CEILING MOUNTED | | |
| S | SOUND SYSTEM SPEAKER - WALL MOUNTED | | |

NUMBER BY SYMBOL INDICATES QUANTITY OF JACKS. ZERO INDICATES EMPTY OUTLET BOX, BLANK PLATE, AND CONDUIT.

NOTE: SYMBOLS SHOWN "STACKED" ON THE FLOOR PLANS INDICATE THAT THE DEVICES ARE TO BE LOCATED IN THE SAME OUTLET BOX AND FACEPLATE. (I.E. 1 2)

## FIRE ALARM

| | | | |
|---|---|---|---|
| HD R/T | HEAT DETECTOR - COMBINATION | | FIRE ALARM COMBINATION SPEAKER/VISUAL - WALL MOUNTED |
| HD F | HEAT DETECTOR - FIXED TEMPERATURE | F | FIRE ALARM BELL - WALL MOUNTED |
| HD EV | HEAT DETECTOR - FIXED TEMPERATURE (CONNECTED TO ELEVATOR RECALL) | F | FIRE ALARM HORN - CEILING MOUNTED |
| SD | SMOKE DETECTOR | | FIRE ALARM VISUAL SIGNAL - CEILING MOUNTED |
| SD DM | SMOKE DETECTOR - DUCT MOUNTED | | FIRE ALARM COMBINATION HORN/VISUAL - CEILING MOUNTED |
| | | F | FIRE ALARM SPEAKER - CEILING MOUNTED |
| SD EV | SMOKE DETECTOR (CONNECTED TO ELEVATOR RECALL) | | FIRE ALARM COMBINATION SPEAKER/VISUAL - CEILING MOUNTED |
| CO | CARBON MONOXIDE DETECTOR | | FLOW SWITCH |
| CO DM | CARBON MONOXIDE DETECTOR - DUCT MOUNTED | | TAMPER SWITCH |
| F | FIRE ALARM MANUAL STATION | | DUCT DETECTOR REMOTE ALARM INDICATOR |
| F | FIRE ALARM HORN - WALL MOUNTED | R | FAN SHUT-DOWN RELAY |
| | FIRE ALARM VISUAL SIGNAL - WALL MOUNTED | | MAGNETIC DOOR HOLDER |
| | FIRE ALARM COMBINATION HORN/VISUAL - WALL MOUNTED | SBD | SMOKE BEAM DETECTOR |
| F | FIRE ALARM SPEAKER - WALL MOUNTED | R | SMOKE BEAM REFLECTOR |

## SECURITY

| | | | |
|---|---|---|---|
| | PUSHBUTTON STATION | KP | KEYPAD |
| | PUSHBUTTON STATION, "P" INDICATES PILOT | ES | ELECTRIC STRIKE |
| | DOOR MONITOR SWITCH | CR | CARD READER |
| | DOOR SWITCH | PS | POWER SUPPLY |
| | DOOR BELL CHIME/BUZZER | RX | REQUEST TO EXIT |
| | DOOR CONTACT | ML | MAGNETIC LOCK |
| | SECURITY CAMERA | | DOOR ACTUATOR |
| | MOTION DETECTOR | | |

# GENERAL ELECTRICAL DEMOLITION NOTES

APPLY TO ALL ELECTRICAL SHEETS

A. COMPLETELY REMOVE ALL ELECTRICAL WIRING, CONDUIT, SWITCHES, DISCONNECTS, LUMINAIRES, AND ASSOCIATED ANCILLARY EQUIPMENT INDICATED BY BOLD, DASHED LINES OR IDENTIFIED BY NOTES. ITEMS INDICATED FOR REMOVAL ARE ONLY SUGGESTIVE OF THE AMOUNT OF DEMOLITION WORK INVOLVED. PERFORM A SITE INVESTIGATION TO AID IN DETERMINING THE COMPLETE EXTENT OF DEMOLITION WORK.

B. COORDINATE AND SCHEDULE ALL NECESSARY POWER OUTAGES WITH THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH SUCH WORK SO OPERATIONS IN ADJACENT OCCUPIED PORTIONS OF THE BUILDING ARE NOT INTERRUPTED OR RESTRICTED WITHOUT PRIOR APPROVAL.

C. REMOVE ALL EXISTING BRANCH CIRCUITS INDICATED AS COMPLETELY AS POSSIBLE. REMOVE EXISTING CONDUCTORS COMPLETELY FROM THEIR RACEWAYS AND DO NOT REUSE EXCEPT WHERE SPECIFICALLY INDICATED. WHERE AN EXISTING DEVICE IS REMOVED FROM AN EXISTING CIRCUIT, PROVIDE NEW WIRING AND MAINTAIN CONTINUITY OF EXISTING CIRCUIT.

D. REMOVE EXISTING LUMINAIRES, LAMPS, BALLASTS, AND RELATED COMPONENTS INDICATED AS COMPLETELY AS POSSIBLE. DELIVER EQUIPMENT CONSIDERED SALVAGEABLE BY THE OWNER'S REPRESENTATIVE AND NOT SHOWN FOR REUSE TO THE OWNER'S STORAGE LOCATION. REMOVE NON-SALVAGEABLE EQUIPMENT FROM THE SITE. PROPERLY DISPOSE OF LAMPS AND BALLASTS CONSIDERED HAZARDOUS WASTE.

E. REMOVE EXISTING SURFACE MOUNTED BOXES, CONDUIT, SURFACE METAL RACEWAY, WIREWAY, ETC. INDICATED AS COMPLETELY AS POSSIBLE. PATCH ABANDONED PENETRATIONS FROM REMOVED FASTENERS. ABANDON IN PLACE NON-ACCESSIBLE BOXES SHOWN REMOVED AND COVER WITH STAINLESS STEEL COVER PLATES. ABANDON IN PLACE NON-ACCESSIBLE CONDUIT SHOWN REMOVED AND CAP OFF IN A SUITABLE MANNER PER LOCAL INSPECTOR'S REQUIREMENTS. CHISEL RACEWAYS STUBBED FROM A CONCRETE FLOOR OR WALL 2 INCHES BELOW ADJACENT SURFACE, GROUT, AND SCREED.

F. COORDINATE REUSED EXISTING BOX AND CONDUIT LOCATIONS WITH NEW WORK LOCATIONS.

G. REMOVE ELECTRICAL WORK AT ALL MECHANICAL EQUIPMENT SHOWN REMOVED. COORDINATE EQUIPMENT REMOVAL LOCATIONS WITH MECHANICAL DRAWINGS.

# GENERAL ELECTRICAL NOTES

APPLY TO ALL ELECTRICAL SHEETS

A. MOUNTING HEIGHTS INDICATED ARE TO CENTER OF ROUGH-IN ABOVE FINISHED FLOOR (AFF).

B. INSTALL ALL CONDUCTORS IN CONTINUOUS RACEWAY. PROVIDE INSULATED EQUIPMENT GROUNDING CONDUCTOR.

C. PROVIDE DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT PHASE CONDUCTOR. EXCEPTION: WHERE AN EQUIPMENT MANUFACTURER REQUIRES A MULTIWIRE BRANCH CIRCUIT FOR ONLY ONE UTILIZATION EQUIPMENT AND WHERE ALL UNGROUNDED CONDUCTORS OF THAT CIRCUIT ARE OPENED SIMULTANEOUSLY BY THE BRANCH CIRCUIT OVERCURRENT DEVICE.

D. CONCEAL ALL CONDUITS IN NEW WALLS, EXISTING STUD WALLS, OR ABOVE SUSPENDED CEILINGS.

E. WHERE CONDUIT CANNOT BE CONCEALED IN EXISTING WALL OR CEILING CAVITIES, INSTALL CONDUCTORS IN SURFACE METAL RACEWAYS; SURFACE CONDUIT OR METAL SURFACE RACEWAY AT ENGINEER'S DISCRETION.

F. PAINT SURFACE CONDUIT IN FINISHED AREAS, WHEN ALLOWED, TO MATCH SURROUNDING SURFACES. COORDINATE FINISHES WITH ARCHITECT.

G. METAL SURFACE RACEWAYS SHALL BE WIREMOLD #V500, #V700, OR #V2400 SERIES WITH FACTORY IVORY FINISH OR APPROVED EQUIVALENT. METAL SURFACE RACEWAYS FOR TELEVISION CABLE SHALL BE WIREMOLD #V700 OR LARGER. METAL SURFACE RACEWAYS FOR TELECOMMUNICATIONS CABLES SHALL BE #V2400 OR LARGER. COMPLY WITH EIA/TIA STANDARDS FOR CABLE BENDING RADIUS.

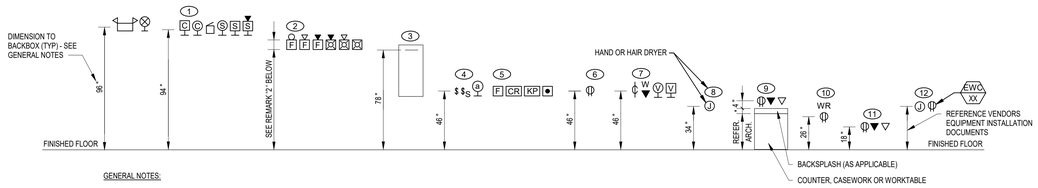
H. INSTALL EXPOSED OR CONCEALED RACEWAY NEAR METAL CORRUGATED SHEET ROOF DECKING SO NEAREST OUTER RACEWAY SURFACE IS NOT LESS THAN 6 INCHES FROM THE NEAREST SURFACE OF THE ROOF DECKING. EXCEPTION: RIGID METAL CONDUIT AND INTERMEDIATE METAL CONDUIT SHALL NOT BE REQUIRED TO MAINTAIN THIS CLEARANCE.

I. PATCH, PAINT, REPAIR OR REPLACE ALL WALLS, CEILINGS, OR OTHER BUILDING ELEMENTS DISTURBED DURING INSTALLATION OF ELECTRICAL WORK.

J. USE ROOM NUMBERS ASSIGNED BY OWNER AND NOT ROOM NUMBERS LISTED ON DRAWINGS FOR LABELING OF PANELBOARD DIRECTORIES, FIRE ALARM PANEL PROGRAMMING, ETC. INCLUDE A DESCRIPTION OF LOAD SUCH AS LIGHTS, RECEPTACLES, MECHANICAL UNIT LOCATIONS, ETC. ON TYPED PANELBOARD DIRECTORIES.

K. LOCATIONS AND QUANTITIES OF OCCUPANCY SENSORS ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE ROOM/AREA CONTROLLED BY THE SENSORS. PROVIDE ADDITIONAL SENSORS AND RELATED EQUIPMENT FOR COMPLETE COVERAGE AND SWITCHING ARRANGEMENTS INDICATED.

L. COORDINATE LOCATION OF RECESSED LUMINAIRES, SPEAKERS, ETC. WITH FIRE RATED CEILINGS. PROVIDE ENCLOSURES TO MAINTAIN THE FIRE INTEGRITY RATING OF THE CEILING. COORDINATE EXACT LOCATIONS OF FIRE RATED CEILINGS WITH ARCHITECTURAL DRAWINGS.




GENERAL NOTES:

A. ALL DIMENSIONS ARE TO THE HORIZONTAL CENTERLINE OF THE DEVICE UNLESS NOTED OTHERWISE BY THIS DETAIL.

B. DIMENSIONS WHERE INDICATED ON THE PLANS SUPERSEDE THOSE SHOWN ON THIS DETAIL.

C. ALL DEVICE LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL DETAILS AND ELEVATIONS.

1. COMMUNICATION OR SECURITY DEVICES: +94" IF CEILING IS GREATER THAN 9-0". IF CEILING IS LESS THAN 9'-0", INSTALL WITH 2" CLEAR BETWEEN TOP OF DEVICE AND CEILING.
2. FIRE ALARM NOTIFICATION DEVICES: AUDIBLE - +90" TO TOP OF DEVICE, OR 6" BELOW CEILING TO TOP OF DEVICE, WHICHEVER IS LOWER. VISUAL - +80" MINIMUM / 96" MAXIMUM (DEVICE LENS RANGE), OR WITHIN 6" OF CEILING, WHICHEVER IS LOWER.
3. PANELBOARD: +78" TO THE TOP OF THE HIGHEST POSITION SWITCH OR CIRCUIT BREAKER OPERATING HANDLE.
4. LIGHT SWITCH, SENSOR SWITCH, LIGHTING CONTROL STATION: +46".
5. FIRE ALARM OR SECURITY INITIATION DEVICES: +46"; COORDINATE PUSH BUTTON STATION HEIGHTS WITH OWNERS REPRESENTATIVE.
6. SERVICE AREA RECEPTACLE: +46"; INCLUDES PLANT, MECHANICAL, ELECTRICAL, BOILER, CUSTODIAL, JANITOR, STORAGE, UNFINISHED AREAS AND OTHER SIMILAR WORK/EQUIPMENT ROOMS. ALL OTHER AREAS TO BE +18".
7. COMMUNICATION DEVICES: +46"; COORDINATE WITH ARCHITECTURAL DETAILS AND ELEVATIONS OR WITH OWNERS REPRESENTATIVE.
8. HAND OR HAIR DRYERS: COORDINATE WITH ARCHITECTURAL DETAILS AND ELEVATIONS OR WITH OWNERS REPRESENTATIVE.
9. COORDINATE MOUNTING HEIGHTS INDICATED ON THE DRAWINGS TO ALIGN WITH ARCHITECTURAL DETAILS AND ELEVATIONS. INDICATED HEIGHT ON THE DRAWINGS IS SHOWN TO INDICATE A DIFFERENCE FROM STANDARD HEIGHTS SHOWN FOR LIKE DEVICES IN OTHER LOCATIONS OF THIS DETAIL.
10. WEATHER-RESISTANT RECEPTACLE: +26"; DISTANCE ABOVE LEVEL OF GRADE FOR EXTERIOR OR ROOFTOP MOUNTED DEVICES.
11. GENERAL USE RECEPTACLES AND DATA/COMMUNICATION DEVICES: +18"; HEIGHT ALSO APPLIES TO DEVICES INSTALLED BELOW COUNTERTOP OR IN CASEWORK KNEE SPACE. MOUNT RECEPTACLE AND DATA/COMMUNICATION DEVICES WITHIN 6" OF EACH OTHER WHERE SHOWN AS ADJACENT MOUNTING.
12. PLAN OR DETAIL IDENTIFIED DEVICE OR EQUIPMENT CONNECTION.

## 1 TYPICAL DEVICE MOUNTING HEIGHT DETAIL

NOT TO SCALE

NOTICE:
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SHOP AND OTHER APPROPRIATE DRAWINGS OR AT SITE. LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND CODES. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL ELECTRICAL PLANS.

| Mark | Revisions: | Date: |
|---|---|---|

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| | |
|---|---|
| Drawing Title | ELECTRICAL SYMBOLS LEGEND AND GENERAL NOTES |
| Approved: | |
| Phase | CONSTRUCTION DOCUMENTS |
| | FULLY SPRINKLERED |
| Project Title | PREPARE SITE FOR CHOICE DINING EQUIPMENT |
| Location | 5500 E KELLOGG AVE, WICHITA, KS |
| Issue Date | 05/17/2024 |
| Checked | BAS |
| Drawn | BEL |
| Project Number | 589A7-23-305 |
| Building Number | 2 |
| Drawing Number | EG101 |

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## KEYNOTES

| | |
|---|---|
| 1 | EQUIPMENT AT THIS LOCATION WILL BE RELOCATED. REMOVE EXISTING RECEPTACLE. MAINTAIN EXISTING CIRCUIT FOR CONNECTION TO NEW RECEPTACLE AT NEW LOCATION FOR EXISTING EQUIPMENT. |
| 2 | EXISTING JUNCTION BOX SERVES EXISTING EQUIPMENT WHICH WILL BE RELOCATED. MAINTAIN EXISTING JUNCTION BOX. PROVIDE NEW LIQUID TIGHT FLEXIBLE METAL CONDUIT AND WIRING ROUTED FROM JUNCTION BOX TO NEW LOCATION OF EXISTING EQUIPMENT. WIRE SIZE SHALL MATCH EXISTING WIRE SIZE. |
| 3 | FIELD VERIFY THE EXISTING DISCONNECTS, WHICH ARE TURNED OFF, ARE NOT IN USE AND REMOVE. |

1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"

| Mark | Revisions: | Date: |
|---|---|---|

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| | | | |
|---|---|---|---|
| Drawing Title: ELECTRICAL DEMOLITION PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: ED101 |
| | | Issue Date: 05/17/2024 · Checked: BAS · Drawn: BEL | |

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# GENERAL LIGHTING NOTES

APPLY TO ALL ELXXX SHEETS

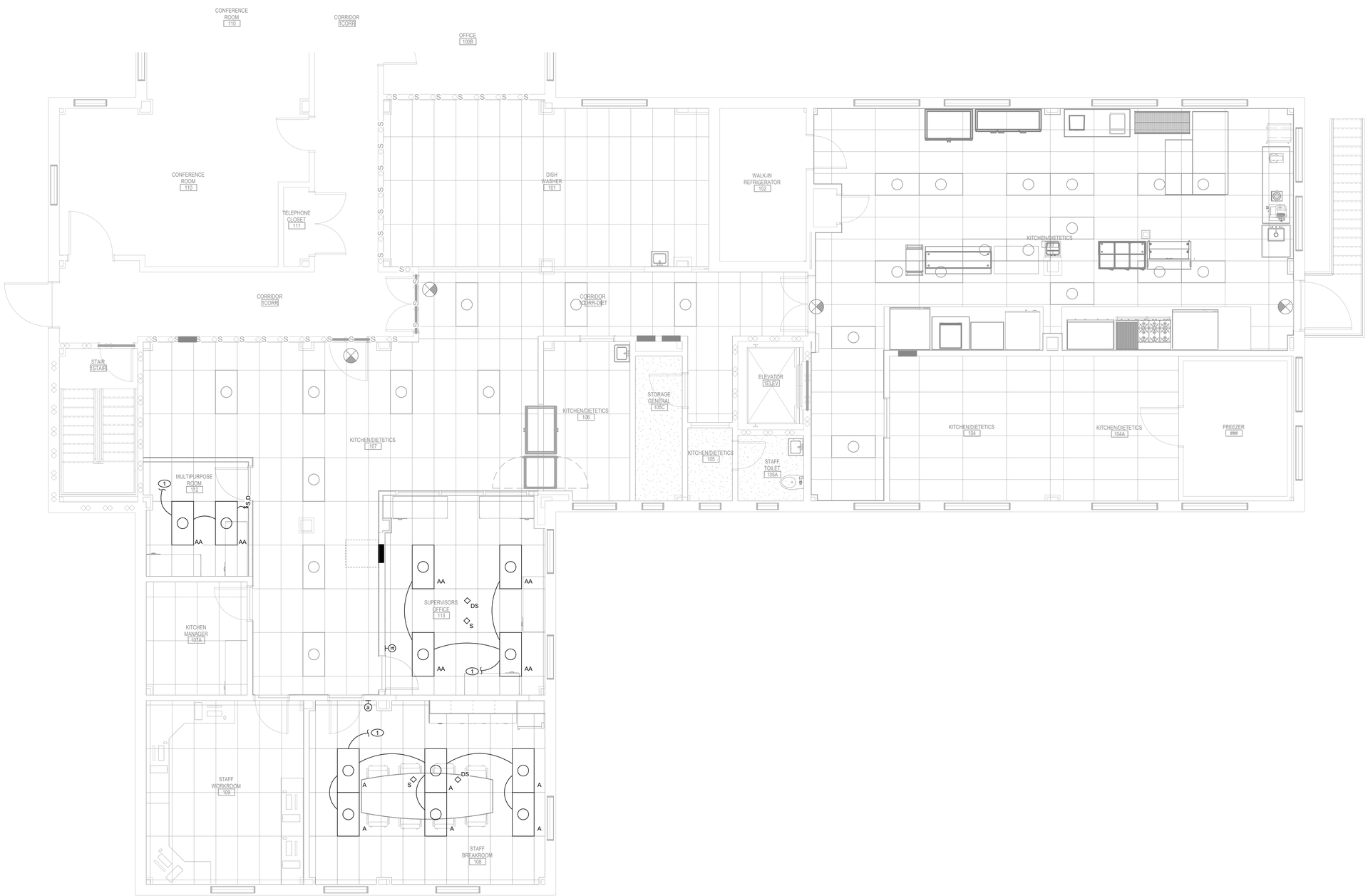
A. REFER TO SHEET E-501 FOR LUMINAIRE REQUIREMENTS.

B. REFER TO SHEET E-501 FOR LIGHTING CONTROLS REQUIREMENTS.

C. LIGHTING CONTROLS WIRING IS NOT SHOWN. PROVIDE ALL LIGHTING CONTROLS WIRING FOR A FUNCTIONAL SYSTEM BASED ON SUPPLIED CONTROL SYSTEM.

D. ALL LIGHTING CONTROL DEVICES REQUIRING A POWER CONNECTION SHALL BE CONNECTED TO A NORMAL LIGHTING CIRCUIT FROM THE ELECTRICAL PANEL SERVING LIGHTING IN THE CONTROLLED ZONE.

| KEYNOTES | |
|---|---|
| 1 | CONNECT TO UNSWITCHED LEG OF EXISTING 120V LIGHTING CIRCUIT WHICH PREVIOUSLY SERVED LIGHTING IN THIS ROOM. |




1 FIRST FLOOR LIGHTING PLAN

1/4" = 1'-0"

| Mark | Revisions: | Date: |
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| Drawing Title | Phase | Project Title | Project Number |
|---|---|---|---|
| FIRST FLOOR LIGHTING PLAN | CONSTRUCTION DOCUMENTS | PREPARE SITE FOR CHOICE DINING EQUIPMENT | 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: EL101 |
| | | Issue Date: 05/17/2024 · Checked: BAS · Drawn: BEL | |

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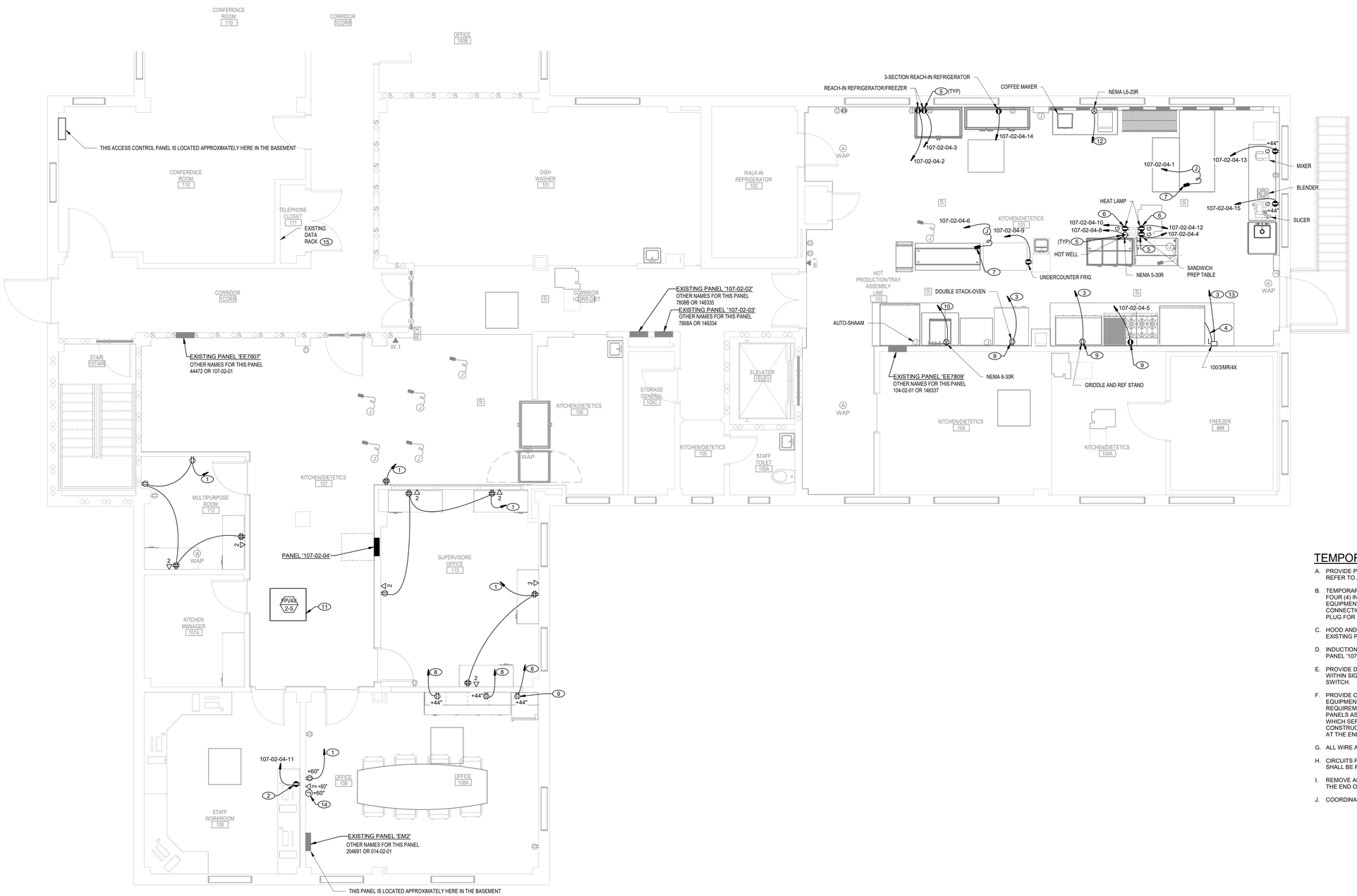


1 FIRST FLOOR POWER & SPECIAL SYSTEMS PLAN

1/4" = 1'-0"

## GENERAL POWER NOTES

APPLY TO ALL EPXXX SHEETS

A. VERIFY LOCATIONS AND ALL REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN. MAKE ADJUSTMENTS TO WIRING, CONDUIT, AND CIRCUIT BREAKERS AS REQUIRED FOR COMPLETE FUNCTIONAL INSTALLATION AND TO MEET THE REQUIREMENTS OF THE NEC.

B. COORDINATE EXACT HEIGHT/LOCATION OF ALL DEVICES FOR KITCHEN EQUIPMENT PRIOR TO ROUGH-IN.

### KEYNOTES

| | |
|---|---|
| 1 | CONNECT TO EXISTING 120/208V PANEL '107-02-02'. CONNECT TO EXISTING SPARE 20A/1P CIRCUIT BREAKER OR PROVIDE 20A/1P CIRCUIT BREAKER IN PANEL AND CONNECT CIRCUIT INDICATED. REMOVE EXISTING SPARE 50A/2P CIRCUIT BREAKER IF NEEDED TO MAKE SPACE FOR ADDITIONAL SINGLE POLE CIRCUIT BREAKERS. UPDATE PANELBOARD DIRECTORIES TO INDICATE ALL SPARE BREAKERS, INCLUDING THOSE MADE SPARE BY DEMOLITION. AIC RATING OF CIRCUIT BREAKERS SHALL MATCH PANEL AIC RATING. |
| 2 | EMERGENCY RECEPTACLE FOR OWNER COMPUTER. COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH IN. |
| 3 | NEW CIRCUIT FOR RELOCATED EQUIPMENT. CONNECT TO EXISTING CIRCUIT WHICH SERVED THE SAME EQUIPMENT AT ITS PREVIOUS LOCATION. CONDUIT AND WIRE SIZE SHALL MATCH EXISTING CIRCUIT. MAINTAIN SHUNT TRIP CONNECTION TO ANSUL SYSTEM, SO EQUIPMENT IS DISCONNECTED UPON ACTIVATION OF ANSUL SYSTEM. |
| 4 | PROVIDE LIQUID TIGHT FLEXIBLE METAL CONDUIT CONNECTIONS TO KITCHEN EQUIPMENT INDICATED. |
| 5 | PROVIDE RECEPTACLE TO MATCH CORD/PLUG FURNISHED WITH KITCHEN ITEM INDICATED. |
| 6 | COORDINATE MOUNTING HEIGHT OF RECEPTACLES WITH KITCHEN EQUIPMENT SUPPLIER FOR HEAT LAMP CONNECTION PRIOR TO ROUGH-IN OF RECEPTACLE. |
| 7 | COORDINATE TYPE OF RECEPTACLE REQUIRED AND CORD DROP LENGTH WITH OWNER. |
| 8 | CONNECT TO EXISTING 120/208V PANEL '107-02-03'. CONNECT TO EXISTING SPARE 20A/1P CIRCUIT BREAKER OR PROVIDE 20A/1P CIRCUIT BREAKER IN PANEL AND CONNECT CIRCUIT INDICATED. UPDATE PANELBOARD DIRECTORIES TO INDICATE ALL SPARE BREAKERS, INCLUDING THOSE MADE SPARE BY DEMOLITION. AIC RATING OF CIRCUIT BREAKERS SHALL MATCH PANEL AIC RATING. |
| 9 | PROVIDE HUBBELL (OR EQUAL) BLANK FACE GFCI DEVICE FOR EQUIPMENT INDICATED. ROUTE CIRCUIT THROUGH GFCI DEVICE. MOUNT DEVICE AT READILY ACCESSIBLE LOCATION, ADJACENT TO THE EQUIPMENT BEING SERVED IF POSSIBLE. BUTTONS ON DEVICE SHALL BE NO HIGHER THAN 6'-7" A.F.F. LABEL FACE PLATE WITH CIRCUIT NUMBER AND EQUIPMENT SERVED. |
| 10 | NEW CIRCUIT FOR RELOCATED EQUIPMENT. EXISTING RECEPTACLE FOR EQUIPMENT APPEARS TO BE LOCATED IN KITCHEN/DIETETICS 107. PROVIDE NEW RECEPTACLE FOR EQUIPMENT AT NEW LOCATION, AND EXTEND EXISTING CIRCUIT AS REQUIRED. EQUIPMENT APPEARS TO BE SERVED BY A CIRCUIT BREAKER IN PANEL 'EE7807'. REPLACE EXISTING CIRCUIT BREAKER WITH NEW SHUNT TRIP CIRCUIT BREAKER WITH SAME AMPERAGE AND NUMBER OF POLES. REMOVE EXISTING SPARE BREAKERS IN PANEL AS REQUIRED TO MAKE SPACE FOR NEW SHUNT TRIP BREAKER. PROVIDE STANDALONE GFCI DEVICE FOR EQUIPMENT WITH PROTECTION FOR PERSONNEL. DEVICE SHALL BE RATED FOR 30 AMPS AT 240V SINGLE PHASE. ROUTE CIRCUIT THROUGH GFCI DEVICE. MOUNT DEVICE AT READILY ACCESSIBLE LOCATION, ADJACENT TO THE EQUIPMENT BEING SERVED IF POSSIBLE. BUTTONS ON DEVICE SHALL BE NO HIGHER THAN 6'-7". LABEL FACE PLATE OR DEVICE WITH CIRCUIT NUMBER AND EQUIPMENT SERVED. |
| 11 | CONNECT NEW VAV TO EXISTING CIRCUIT SERVING REMOVED VAV. PROVIDE NEW DISCONNECT AS REQUIRED PER NEC AND VERIFY CIRCUIT HAS CAPACITY FOR NEW UNIT. |
| 12 | NEW CIRCUIT FOR RELOCATED EQUIPMENT. EXISTING RECEPTACLE FOR EQUIPMENT APPEARS TO BE LOCATED IN KITCHEN/DIETETICS 107. PROVIDE NEW RECEPTACLE FOR EQUIPMENT AT NEW LOCATION, AND EXTEND EXISTING CIRCUIT AS REQUIRED. EQUIPMENT APPEARS TO BE SERVED BY A CIRCUIT BREAKER IN PANEL 'EE7807'. REPLACE EXISTING CIRCUIT BREAKER WITH NEW GFCI CIRCUIT BREAKER WITH SAME AMPERAGE AND NUMBER OF POLES. |
| 13 | 3-#1, 1-#8 GRD., IN 2" CONDUIT. |
| 14 | MOUNT TELEVISION JUNCTION BOX AT +60" A.F.F. ROUTE EMPTY 1 1/2" CONDUIT WITH PULL STRING FROM JUNCTION BOX TO ABOVE NEAREST ACCESSIBLE CEILING FOR FUTURE USE. |
| 15 | APPROXIMATE LOCATION OF EXISTING DATA RACK. FIELD VERIFY EXACT LOCATION. ROUTE NEW DATA CABLING FOR THIS PROJECT TO EXISTING RACK. PROVIDE NEW PATCH PANELS AT EXISTING RACK AS REQUIRED. EXISTING EQUIPMENT SHALL REMAIN AND SHALL BE OPERATIONAL THROUGHOUT CONSTRUCTION, AS IT SERVES OTHER PARTS OF THE BUILDING THAT ARE NOT PART OF THIS PROJECT. COORDINATE AND SCHEDULE ALL NECESSARY DOWN TIME OF EXISTING EQUIPMENT WITH OWNER PRIOR TO PROCEEDING WITH SUCH WORK. MINIMIZE DOWN TIME AS MUCH AS POSSIBLE. COORDINATE ROUTING OF NEW CABLING THROUGH EXISTING BUILDING. CONCEAL NEW CABLING AS MUCH AS POSSIBLE. |

## TEMPORARY KITCHEN NOTES:

A. PROVIDE POWER TO TEMPORARY KITCHEN EQUIPMENT LOCATED IN SUPERVISORS OFFICE 3; REFER TO ARCHITECTURAL PLANS.

B. TEMPORARY KITCHEN WILL CONSIST OF VENTLESS HOOD WITH INTEGRAL ANSUL SYSTEM, FOUR (4) INDUCTION COOKTOP BURNERS, AND ONE (1) ELECTRIC DOUBLE STACK OVEN - EQUIPMENT BY OTHERS. PROVIDE RECEPTACLES WITH DEDICATED CIRCUITS OR HARDWIRED CONNECTIONS FOR EQUIPMENT AS REQUIRED; MATCH RECEPTACLE TYPES TO CORD AND PLUG FOR EQUIPMENT.

C. HOOD AND DOUBLE STACK OVEN APPEAR TO BE 240V; CONNECT THIS EQUIPMENT TO EXISTING PANEL 'EE7809'.

D. INDUCTION COOKTOP BURNERS APPEAR TO BE 120V; CONNECT THIS EQUIPMENT TO EXISTING PANEL '107-02-02' OR '107-02-03'.

E. PROVIDE DISCONNECT SWITCH SIZED PER NEC FOR ANY HARDWIRED EQUIPMENT LOCATED WITHIN SIGHT OF THE EQUIPMENT, AND ROUTE CIRCUIT FOR EQUIPMENT VIA DISCONNECT SWITCH.

F. PROVIDE CIRCUIT BREAKERS WITH AMPERAGE RATING AND NUMBER OF POLES TO MATCH EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND TO COMPLY WITH ALL REQUIREMENTS OF THE NEC. TEMPORARILY REMOVE CIRCUIT BREAKERS FROM EXISTING PANELS AS REQUIRED TO MAKE SPACE FOR NEW BREAKERS. ONLY REMOVE BREAKERS WHICH SERVE EQUIPMENT IN THE PERMANENT KITCHEN THAT WILL NOT BE UTILIZED DURING CONSTRUCTION. REINSTALL AND RECONNECT ANY EXISTING BREAKERS THAT ARE REMOVED AT THE END OF THE PROJECT.

G. ALL WIRE AND CONDUIT SHALL BE SIZED PER THE NEC.

H. CIRCUITS FOR THE INDUCTION COOKTOP BURNERS AND ELECTRIC DOUBLE STACK OVEN SHALL BE ROUTED THROUGH A CONTACTOR CONTROLLED BY HOOD SHUTOFF INTERFACE.

I. REMOVE ALL TEMPORARY EQUIPMENT CONNECTIONS AND ASSOCIATED COMPONENTS AT THE END OF THE PROJECT.

J. COORDINATE ALL REQUIREMENTS WITH SUPPLIED EQUIPMENT AND WITH OWNER.

| Mark | Revisions: | Date: |
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05-17-2024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

| | | | |
|---|---|---|---|
| Drawing Title: FIRST FLOOR POWER PLAN | Phase: CONSTRUCTION DOCUMENTS | Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT | Project Number: 589A7-23-305 |
| | | | Building Number: 2 |
| Approved: | FULLY SPRINKLERED | Location: 5500 E KELLOGG AVE, WICHITA, KS | Drawing Number: EP101 |
| | | Issue Date: 05/17/2024 · Checked: BAS · Drawn: BEL | |

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Autodesk Docs://1672180l1 589A7-23-305 Prepare Site for Choice Dining/232052 - MEP Centrex-23.rvt

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## LUMINAIRE SCHEDULE

| MARK | DESCRIPTION | MANUFACTURER/SERIES | CATALOG NO. | LIGHT SOURCE QTY | LIGHT SOURCE TYPE | FINISH | MOUNTING | INPUT WATTS | VOLTS | ACCEPTABLE MANUFACTURERS | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 2X4 VOLUMETRIC LED TROFFER - 3000 LUMENS | LITHONIA | 2BLT4 30L ADP GZ1 LP835 BAA | - | 3188 LUMENS \| 3500K \| LED | WHITE | RECESSED | 23 VA | 120 | REMARK 1 | - |
| AA | 2X4 VOLUMETRIC LED TROFFER - 4800 LUMENS | LITHONIA | 2BLT4 48L ADP GZ1 LP835 BAA | - | 5032 LUMENS \| 3500K \| LED | WHITE | RECESSED | 40 VA | 120 | REMARK 1 | - |

LUMINAIRE SCHEDULE REQUIREMENTS

A. SUBMIT SHOP DRAWINGS FOR EACH LUMINAIRE, BALLAST/DRIVER, AND LAMP TYPE USED ON PROJECT.
B. ACCEPTABLE MANUFACTURERS LISTED ARE CAPABLE OF PROVIDING EQUIVALENT LUMINAIRES. SUBMIT PRODUCT AND ACCESSORIES EQUIVALENT OR SUPERIOR TO THE SPECIFIED LUMINAIRE IN PHOTOMETRIC PERFORMANCE, CONSTRUCTION QUALITY, INCLUDED ACCESSORIES, AND AESTHETICS. ADDITIONAL MANUFACTURERS NOT LISTED MAY ALSO BE SUBMITTED FOR APPROVAL PRIOR TO BID. APPROVAL WILL BE BASED ON AN ASSESSMENT OF THE PRODUCT'S QUALITY, PHOTOMETRIC PERFORMANCE, INCLUDED ACCESSORIES, AND AESTHETICS.
C. ALL LUMINAIRES SHALL HAVE A U.L. LABEL. ALL LUMINAIRES USED IN EXTERIOR APPLICATIONS SHALL HAVE A U.L. WET LABEL.
D. VERIFY MOUNTING COMPATIBILITY OF LUMINAIRES WITH CEILING SYSTEMS/MATERIALS PRIOR TO ORDERING LUMINAIRES. NOTIFY ENGINEER OF ANY CONFLICTS WITH THE PROPOSED INSTALLATION.
E. FOR ALL SUSPENDED LUMINAIRES PROVIDE MOUNTING TYPE INDICATED IN LUMINAIRE SCHEDULE. REFER TO PLANS FOR SUSPENSION LENGTH(S) REQUIRED.
F. ALL LUMINAIRES SHALL BE PAINTED AFTER FABRICATION AND HAVE HOUSINGS WITH A MINIMUM DEPTH OF 4". PROVIDE EXTRUDED ALUMINUM TYPE DOOR FRAMES WHERE LUMINAIRES ARE SPECIFIED WITH ALUMINUM DOOR FRAMES.
G. RECESSED DOWNLIGHTS SHALL HAVE ALZAK FINISH SELF-TRIMMING REFLECTORS. DOWNLIGHTS SHALL HAVE HARDWARE MOUNTING FOR REFLECTOR, SPRING CLIPS ARE NOT ACCEPTABLE.
H. PHILIPS, OSRAM SYLVANIA, G.E., CREE, NICHIA, XICATO, AND SAMSUNG ARE ACCEPTABLE LED MANUFACTURERS.
I. PROVIDE LED LUMINAIRES WITH MINIMUM 5-YEAR WARRANTY AND INTEGRAL SURGE PROTECTION. LED MODULES, DRIVERS, AND POWER SUPPLIES SHALL BE FIELD-REPLACEABLE.
J. AIM ALL ADJUSTABLE INTERIOR AND EXTERIOR LUMINAIRES UNDER DIRECTION OF THE ENGINEER.

LUMINAIRE SCHEDULE REMARKS

1. LITHONIA, COLUMBIA, DAY-BRITE, H.E. WILLIAMS, AND METALUX ARE ACCEPTABLE MANUFACTURERS FOR LUMINAIRE TYPE INDICATED.

## LIGHTING CONTROLS ROOM SCHEDULE

| Number | Name | Lighting Control Scheme |
|---|---|---|
| 1 | MULTIPURPOSE ROOM | 241A |
| 3 | SUPERVISORS OFFICE | OF1A |
| 4 | STAFF BREAKROOM | OF1A |

LIGHTING CONTROL SYSTEM BASIS OF DESIGN:

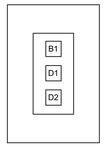
NLIGHT

LIGHTING CONTROL SCHEME NARRATIVE

OF1A - OFFICE/BREAK ROOM (ONE ZONE)
- ZONES: ROOM LIGHTING
- LIGHTING CONTROL STATIONS: a
- CONTROLLERS: VACANCY SENSOR, DAYLIGHT SENSOR
- OPERATION: LUMINAIRES IN ROOM SHALL BE CONTROLLED BY VACANCY SENSOR AND DAYLIGHT SENSOR. REFER TO LIGHTING CONTROL STATION DETAILS FOR CONTROL STATION OPERATION.
- NOTES: NONE

CONVENTIONAL LIGHTING CONTROL SYSTEMS
241A – VACANCY SENSOR WALL DIMMER SWITCH (LINE VOLTAGE SWITCHING AND 0-10V DIMMING)

LIGHTING CONTROL REQUIREMENTS:
1. PROVIDE SYSTEM FOR LIGHTING CONTROLS AS SHOWN ON PLANS, SCHEDULES, AND NOTES. SUBMIT SHOP DRAWING OF COMPLETE SYSTEM. COOPER GREEN GATE, HUBBELL BUILDING AUTOMATION, WATTSTOPPER, LEVITON, AND INTELLIGENT LIGHTING CONTROLS (ILC) SHALL BE CONSIDERED ACCEPTABLE MANUFACTURERS SUBJECT TO COMPLIANCE WITH REQUIREMENTS
2. PROVIDE PROGRAMMING AS REQUIRED FOR LIGHTING CONTROL (ON/OFF, DIMMING, DAYLIGHT HARVESTING, AND OCCUPANCY/VACANCY SENSOR CONTROL) AS INDICATED. PROVIDE INTERFACE BETWEEN LIGHTING CONTROL SYSTEM AND NETWORK TO ALLOW PROGRAMMING AND CALIBRATION OF SYSTEM THROUGH SOFTWARE.
3. PROVIDE INTERFACE/PROGRAMMING FOR DAYLIGHT SENSOR(S) AS REQUIRED TO AUTOMATICALLY CONTINUALLY DIM CORRESPONDING ZONES WHEN ADEQUATE DAYLIGHT IS AVAILABLE AND RETURN TO CURRENT SPACE LIGHTING STATUS WHEN ADEQUATE DAYLIGHT IS NOT AVAILABLE. FIELD COORDINATE SETTINGS PER MANUFACTURER RECOMMENDATIONS AND FOR OPERATION AS DIRECTED BY OWNER.
4. REFER TO SPECIFICATIONS FOR OCCUPANCY/VACANCY SENSOR REQUIREMENTS AND LOCATIONS. CONNECT ALL SENSORS IN CORRESPONDING AREA TOGETHER TO FEED INPUT OF OCCUPANCY/VACANCY TO CONTROL DEVICE. REFER TO DRAWINGS FOR QUANTITY OF SENSORS.
5. PROVIDE BRUSHED METAL CENTER PLATE AND GRAY BUTTON COLOR AND PERMANENT WHITE FILLED LABELING AS INDICATED FOR ALL CONTROL STATIONS. PROVIDE PROGRAMMING AS REQUIRED FOR CONTROL OF ZONES AS INDICATED.
6. PROVIDE CAT. 5 PATCH CABLE WITH RJ45 CONNECTORS TO CONNECT ALL CONTROL DEVICES AND CONTROL STATIONS TOGETHER. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
7. INITIAL START-UP, COMMISSIONING, AND PROGRAMMING MUST BE COMPLETED BY A QUALIFIED FACTORY REPRESENTATIVE. PROVIDE 2 HOURS OF TRAINING FOR THE OWNER. COORDINATE TIME WITH ARCHITECT, LIGHTING DESIGNER, AND OWNER. COORDINATE FINAL CONTROL SEQUENCING WITH OWNER AND LIGHTING DESIGNER.
8. ALL LOW VOLTAGE CAT 5 CABLING TERMINATIONS SHALL BE FACTORY MOLDED FOR RUNS LESS THAN 30'. WHERE CABLES ARE GREATER THAN 30', A LOW VOLTAGE LICENSED TECHNICIAN AND/OR QUALIFIED CONTRACTOR SHALL PERFORM THE TERMINATIONS. POOR TERMINATIONS WILL RESULT IN A NON-OPERATING SYSTEM. INSTALLER SHALL USE ANY SPECIFIC TERMINATION TOOLS PROVIDED BY THE FACTORY - SEE INSTALLATION REQUIREMENTS.
9. LIGHTING CONTROL WIRING AND CABLES ARE NOT SHOWN ON PLAN LAYOUTS. CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING AND CABLING AS REQUIRED TO PROVIDE LIGHTING CONTROLS AS INDICATED.
10. DAYLIGHTING ZONE MAXIMUM SETPOINTS: 50 FC (OFFICES, BREAK ROOMS).
11. ALL CONTROL RELAYS AND INTERFACE DEVICES SHALL BE INSTALLED INSIDE IN INSULATED, ACCESSIBLE AREAS UNLESS RATED FOR OUTDOOR USE. LIGHTING CONTROL DEVICES SHALL NOT BE INSTALLED EXPOSED IN OPEN CEILING AREAS. LOCATE ABOVE ACCESSIBLE ACOUSTICAL GRID CEILINGS IN ADJACENT ROOMS.
12. ALL DIMMER SWITCHES SHALL BE COMPATIBLE WITH LUMINAIRES CONTROLLED BY THE SWITCHES. COORDINATE DIMMER SWITCH COMPATIBILITY WITH LUMINAIRES.
13. ELECTRONIC LIGHTING SWITCHES AND SENSOR SWITCHES SHALL USE A NEUTRAL FOR THE RETURN CURRENT, NOT THE EQUIPMENT GROUNDING CONDUCTOR.




**CONTROL ELEMENTS:**
- B1: ON/OFF ALL ROOM LIGHTING; ON TO 100% FULL OUTPUT
- D1: DIMMER TO PROVIDE MANUAL RAISE FOR ALL ROOM LIGHTING
- D2: DIMMER TO PROVIDE MANUAL LOWER FOR ALL ROOM LIGHTING

**APPLICATION:**
OFFICE, BREAK ROOM

CONTROL STATION 'a' (a)

1 LIGHTING CONTROL STATIONS
NOT TO SCALE

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

Drawing Title: ELECTRICAL DETAILS
Approved:
Phase: CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT
Location: 5500 E KELLOGG AVE, WICHITA, KS
Issue Date: 05/17/2024
Checked: BAS
Drawn: BEL
Project Number: 589A7-23-305
Building Number: 2
Drawing Number: E-501

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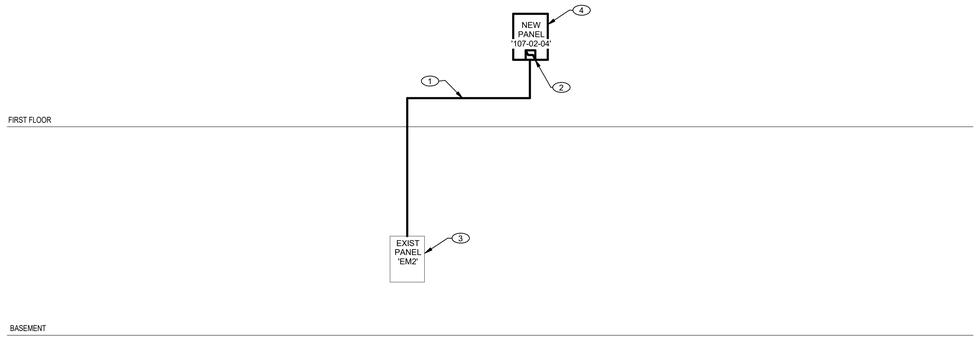
## KEYNOTES

| | |
|---|---|
| 1 | PROVIDE 4-#4, 1-#8 GROUND, 1-1/4" CONDUIT. |
| 2 | PROVIDE A SURGE PROTECTIVE DEVICE (SPD) FOR PANELBOARD INDICATED. SPD SHALL COMPLY WITH UL-1283 AND UL-1449 FOURTH EDITION AND PROVIDE TEN MODE (L-N, L-G, N-G) PROTECTION. SPD SHALL INCLUDE SURGE RATED INPUT FUSES, POWER STATUS INDICATOR LIGHTS, AND SHALL BE RATED FOR A SURGE CURRENT OF 50,000 AMPS PER PHASE. |
| 3 | REMOVE EXISTING 20A/3P CIRCUIT BREAKER IN EXISTING PANEL 'EM2' WHICH SERVES THE EXISTING AIR COMPRESSOR; MAINTAIN EXISTING CIRCUIT FOR CONNECTION TO NEW PANEL. PROVIDE NEW 60A/3P CIRCUIT BREAKER IN PANEL 'EM2' AND CONNECT NEW PANEL '107-02-04'. |
| 4 | PROVIDE 20A/3P CIRCUIT BREAKER IN NEW PANEL '107-02-04' AND CONNECT EXISTING AIR COMPRESSOR WHICH WAS PREVIOUSLY SERVED FROM EXISTING PANEL 'EM2'. EXTEND CONDUIT AND WIRING AS REQUIRED, SIZED TO MATCH EXISTING. |




1 ELECTRICAL ONE-LINE
NOT TO SCALE

## PANEL 107-02-04

MAINS: 60 A - MCB
VOLTAGE: 208/120 Wye
PHASE: 3
WIRES: 4
MOUNTING: Recessed

AIC RATING: 10,000

| CCT | AMPS | P | DESCRIPTION | REM | A | | B | | C | | REM | DESCRIPTION | P | AMPS | CCT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 A | 1 | CORD DROP - REMARK C | G | 1500 VA | 780 VA | | | | | G | REC FRIGERATOR | 1 | 20 A | 2 |
| 3 | 20 A | 1 | REC FREEZER | G | | | 1092 VA | 276 VA | | | | SANDWICH TABLE | 1 | 20 A | 4 |
| 5 | 20 A | 1 | REC GAS RANGE | | | | | | 708 VA | 200 VA | G | CORD DROP - REMARK C | 1 | 20 A | 6 |
| 7 | -- | 1 | SHUNT TRIP | | -- | 2250 VA | | | | | G | HOT WELL TABLE | 1 | 20 A | 8 |
| 9 | 20 A | 1 | UNDER COUNTER REFER | G | | | 360 VA | 1000 VA | | | | HEAT LAMP | 1 | 20 A | 10 |
| 11 | 20 A | 1 | COMPUTER RECEPTACLE | | | | | | 200 VA | 1000 VA | | HEAT LAMP | 1 | 20 A | 12 |
| 13 | 20 A | 1 | MIXER | | 960 VA | 1008 VA | | | | | G | 3-DOOR REFRIG | 1 | 20 A | 14 |
| 15 | 20 A | 1 | SLICER | | | | 600 VA | 1920 VA | | | | | | | 16 |
| 17 | 20 A | 1 | SPARE | | | | | | 0 VA | 1920 VA | | EXISTING AIR COMP | 3 | 20 A | 18 |
| 19 | 20 A | 1 | SPARE | | 0 VA | 1920 VA | | | | | | | | | 20 |
| 21 | 20 A | 1 | SPARE | | | | 0 VA | 0 VA | | | | SPARE | 1 | 20 A | 22 |
| 23 | 20 A | 1 | SPARE | | | | | | 0 VA | 0 VA | | SPARE | 1 | 20 A | 24 |
| 25 | 20 A | 1 | SPARE | | 0 VA | 0 VA | | | | | | SPARE | 1 | 20 A | 26 |
| 27 | 20 A | 1 | SPARE | | | | 0 VA | 0 VA | | | | SPARE | 1 | 20 A | 28 |
| 29 | 20 A | 1 | SPARE | | | | | | 0 VA | 0 VA | | SPARE | 1 | 20 A | 30 |

20A/3P BREAKER FOR EXISTING AIR COMPRESSOR MOVED FROM EXISTING PANEL EM2

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Spare | 5760 VA | 50.00% | 2880 VA | | |
| Kitchen | 10034 VA | 65.00% | 6522 VA | **Total Conn. Load:** | 17694 VA |
| Receptacle | 1900 VA | 100.00% | 1900 VA | **Total Est. Demand:** | 11302 VA |
| | | | | **Total Conn. Current:** | 49 A |
| | | | | **Total Est. Demand...** | 31 A |

**REMARKS:**
C = COORDINATE CIRCUIT BREAKER AMPERAGE AND NUMBER OF POLES WITH CORD DROP RECEPTACLE NEMA CONFIGURATION, WHICH SHALL BE COORDINATED WITH OWNER.
G = PROVIDE GFCI TYPE CIRCUIT BREAKER.

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Office of Construction and Facilities Management
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Drawing Title: ELECTRCAL DIAGRAMS
Approved:
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FULLY SPRINKLERED
Project Title: PREPARE SITE FOR CHOICE DINING EQUIPMENT
Location: 5500 E KELLOGG AVE, WICHITA, KS
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Project Number: 589A7-23-305
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Drawing Number: E-601

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