

INTERIOR REMODEL ST. LOUIS COUNTY REGIONAL STATE OFFICE BUILDING CHESTERFIELD , MISSOURI

OWNER: STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

DEPARTMENT OF
OFFICE OF ADMINISTRATION

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

DESIGNER: STATE OF MISSOURI - OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT DESIGN
AND CONSTRUCTION: 301 W. HIGH STREET,
JEFFERSON CITY, MO. 65102

PROJECT NUMBER: O2521-01

SITE NUMBER: 1048
ASSET NUMBER: 3101048001

SHEET NUMBER:

G-001

1 OF 50 SHEETS
NOVEMBER 7, 2024



1 SITE LOCATION PLAN
SCALE: N.T.S.

ST. LOUIS COUNTY REGIONAL OFFICE



2 FIRST FLOOR SITE DIAGRAM
SCALE: N.T.S.

APPLICABLE CODES:

- GENERAL CONSTRUCTION:**
- INTERNATIONAL BUILDING CODE 2015
 - 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- FIRE PROTECTION:**
- NFPA 13: STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS; LATEST EDITION
 - NFPA 70: NATIONAL ELECTRIC CODE (NEC) AS PERTAINING TO SPRINKLER SYSTEMS; LATEST EDITION
- PLUMBING:**
- INTERNATIONAL PLUMBING CODE; LATEST VERSION
- MECHANICAL:**
- INTERNATIONAL MECHANICAL CODE; LATEST VERSION
- ELECTRICAL:**
- NFPA 70: NATIONAL ELECTRIC CODE (NEC); LATEST EDITION
 - NFPA 101: LIFE SAFETY CODE AS PERTAINING TO EMERGENCY EXIT SIGNS AND LIGHTING ALONG THE PATH OF EGRESS; LATEST EDITION

LIFE SAFETY CODE ANALYSIS:

- 2015 INTERNATIONAL BUILDING CODE (IBC)**
- USE GROUP**
303.1 - ASSEMBLY GROUP "A"
- 301.2 - ALL ASSEMBLY AREAS ARE LESS THAN 50 OCCUPANTS AND LESS THAN 750 SF AND ARE THEREFORE CLASSIFIED AS PART THE PRIMARY OCCUPANCY. SMALL ASSEMBLY AREAS ARE IDENTIFIED ON THE PLAN.
- 304.1 - BUSINESS "B" (PRIMARY USE & OCCUPANCY).
- 311.2 - STORAGE "S-1"
- 311.1.1 - ALL STORAGE AREAS ARE LESS THAN 100 SF AND ARE THEREFORE CLASSIFIED AS PART OF THE PRIMARY OCCUPANCY. STORAGE AREAS ARE IDENTIFIED ON THE LIFE SAFETY PLAN.
- CONSTRUCTION TYPE**
301 (TABLE) - THE BUILDING IS STEEL FRAME, COLUMNS, SPRINKLER SYSTEM, STEEL DECK W/ CONCRETE FLOORS AND CLASSIFIED AS TYPE IIA REQUIRING 1 HR FOR STRUCTURAL FRAME, INTERIOR/EXTERIOR BEARING WALL, & FLOOR/ROOF CONSTRUCTION.
- INTERIOR FINISHES**
803.11 (TABLE) - FOR "B" BUSINESS (PRIMARY USE), THE WALL & CEILING FINISHES SHALL BE CLASS B FOR INTERIOR EXIT STAIRS, CLASS C FOR CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRS/RAMP, & CLASS C FOR ROOMS & ENCLOSED SPACES.
- CEILING**
808.1.1 - ACOUSTICAL CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM C635 & ASTM C636. SEE A530.
- AUTOMATIC SPRINKLER SYSTEM**
903 - AN EXISTING AUTOMATIC SPRINKLER SYSTEM IS INSTALLED THROUGHOUT THE BUILDING.
- PORTABLE FIRE EXTINGUISHERS**
906.3.1 (TABLE) - ORDINARY HAZARD, 2-A RATED EXTINGUISHER W/ MAX 75' TRAVEL DISTANCE.
- DESIGN OCCUPANT LOAD**
10004 - SEE SUMMERY, THIS PAGE.
- EGRESS WIDTH**
1005.3 - MINIMUM REQUIRED EGRESS WIDTH SHALL BE TOTAL OCCUPANT LOAD MULTIPLIED BY 0.3 INCH PER OCCUPANT FOR STAIRWAYS AND 0.2 INCH PER OCCUPANT FOR OTHER EGRESS COMPONENTS (DOORS). MULTIPLE MEANS OF EGRESS SHALL BE SIZED SUCH THAT THE LOSS OF ANY ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50% OF THE REQUIRED CAPACITY.
- ACCESSIBLE MEANS OF EGRESS**
1009.3 - EXCEPTION #2 - ALLOWS FOR MIN WIDTH OF 44".
- EGRESS**
1008.1.4.4 - ACCESS CONTROLLED EGRESS DOORS ARE ALLOWED W/ A "B" BUSINESS USE AND SHALL MEET THE LISTED CRITERIA.
- 1011.3 - ADA COMPLIANT 5X3 EXIT SIGN W/ TACTILE TEXT AND GRADE 2 BRAILLE PROVIDED AT EACH EXIT TO A STAIR OR EXIT ENCLOSURE, 60" AFF, 12" OFF DOOR FRAME (LATCH SIDE).
- 1014.3 EXCEPTION #1 - COMMON PATH OF EGRESS TRAVEL 100' MAX LENGTH FOR GROUP B OCCUPANCY, W/ SPRINKLER SYSTEM.
- 1015.2.1, EXCEPTION 2 - WHERE 2 EXITS ARE REQUIRED W/ A SPRINKLERED BUILDING, THE SEPARATION DISTANCE OF THE EXIT DOORS SHALL NOT BE LESS THAN 1/3 OF THE LENGTH OF THE MAX OVERALL DIAGONAL DISTANCE.
- 1016.2 (TABLE) - EXIT ACCESS TRAVEL DISTANCE ALLOWS FOR 300' MAX FOR B USE W/ SPRINKLER SYSTEM.
- 1018 CORRIDORS - NO RATING REQUIRED BECAUSE BUILDING HAS SPRINKLER SYSTEM.
- TRAVEL DISTANCE**
1017.2 (TABLE) - ALLOWED TRAVEL DISTANCE FOR B USE IS 300 FT (WITH SPRINKLER SYSTEM).
- 1020.4 EXCEPTION #2 - MAXIMUM DEAD END CORRIDOR FOR B USES SHALL NOT EXCEED 50' WHERE THE BUILDING IS EQUIPPED WITH AN AUTOMATIC FIRE SUPPRESSION SYSTEM. MAXIMUM DEAD END CORRIDOR ON PLAN IS: NONE IN PROJECT.
- 1021.1 (TABLE) - 1-500 OCCUPANTS REQUIRES 2 EXITS PER STORY.

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A-102 SECOND FLOOR RENOVATION PLAN
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E-106 LIGHTING RENOVATION PLAN - 5TH FLOOR
E-601 ELECTRICAL SCHEDULES AND DETAILS

GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN A SAFE MANNER WITH PROTECTION PROVIDED TO ANY BUILDING OCCUPANTS AND WORKERS PERFORMING THE WORK.
- ALL WORK SHALL BE DONE IN A MANNER TO MINIMIZE DAMAGE TO ADJACENT SURFACES THAT ARE NOT SHOWN TO BE WORKED ON OR REMOVED - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NECESSARY TO REPAIR SURFACES AFFECTED BY THEIR WORK.
- ANY WORK THAT RESULTS IN EXCESSIVE NOISE, DUST OR DEBRIS MUST BE COORDINATED WITH BUILDING FACILITY STAFF AT LEAST TWO (2) WORKING DAYS IN ADVANCE.
- ANY WORK THAT REQUIRES THE NEED TO TEMPORARILY SHUT DOWN ANY OF THE BUILDING SYSTEMS MUST BE COORDINATED WITH BUILDING FACILITY STAFF AT LEAST FOUR (4) WORKING DAYS IN ADVANCE.
- CONTRACTOR SHALL PROVIDE NECESSARY DUST PROTECTION TO PREVENT DUST CREATED BY DEMOLITION/CONSTRUCTION ACTIVITIES TO ENTER SPACE(S) OUTSIDE THE WORK AREA, INCLUDING THROUGH THE HVAC SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY HVAC FILTERS CONTAMINATED WITH CONSTRUCTION DEBRIS.
- CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM ANY WORK NECESSARY TO PROVIDE THE SCOPE OF WORK SHOWN ON THE PLANS, EVEN IF NOT SPECIFICALLY NOTED OR SHOWN.
- CONTRACTOR SHALL PERFORM WORK BETWEEN THE HOURS OF 7AM TO 5PM AFTER SIGNING IN AND RECEIVING VISITOR'S BADGE.
- ALL MATERIALS/EQUIPMENT MAY BE DELIVERED TO THE FACILITY - FACILITY STAFF SHALL BE CONTACTED TEN (10) BUSINESS DAYS PRIOR TO DELIVERY OF MATERIALS/EQUIPMENT. CONTRACTOR SHALL BE SIGN FOR RECEIPT OF ALL MATERIALS/EQUIPMENT - FACILITY STAFF ARE NOT RESPONSIBLE FOR ACCEPTING OR SIGNING FOR DELIVERIES.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE IBC, IFC, IMC, IPC, NEC AND ALL OTHER APPLICABLE ICC AND NFPA CODE FAMILIES.
- CONTRACTOR RESPONSIBLE FOR FIELD VERIFYING AS-BUILT CONDITIONS AND PROPOSED LAYOUT PRIOR TO PERFORMING WORK. CONTRACTOR SHALL NOTIFY FMD PROJECT MANAGER AND ARCHITECT IF THERE ARE ANY DISCREPANCIES OR CONFLICTS.
- DETAILS OF EXISTING CONDITIONS PROVIDED AS A COURTESY. THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR FROM PERFORMING A COMPLETE NECESSARY FIELD INVESTIGATIVE WORK TO FULLY UNDERSTAND EXISTING CONDITIONS PRIOR TO SUBMITTING BID.
- DATA AND PHONE LINE WORK TO BE PERFORMED BY OTHERS (NIC).
- CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL RATED PARTITIONS, CEILING ASSEMBLIES AND DOOR ASSEMBLIES. THE CONTRACTOR SHALL MAKE ALL NECESSARY REPAIRS WHERE ANY WORK PERFORMED BY THE CONTRACTOR AFFECTS THE INTEGRITY OF THESE ITEMS.
- DIMENSIONS PROVIDED ARE MEASURED FROM FACE OF STUD AT NEW WALLS AND EXISTING DRYWALL FACE TO NEW DRYWALL FACE OF EXISTING WALLS UNLESS OTHERWISE NOTED. ALL DIMENSIONS RELATIVE TO EXISTING CONDITIONS ARE APPROXIMATE AND MAY VARY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. MINOR DIFFERENCES BETWEEN WHAT IS SHOWN AND THE ACTUAL DIMENSIONS WILL NOT BE CONSIDERED THE BASIS FOR A CONTRACT CHANGE.
- THE GENERAL CONTRACTOR SHALL USE GROUND PENETRATING RADAR (GPR) OR OTHER APPROVED NON-DESTRUCTIVE METHOD TO DETECT THE LOCATION OF REINFORCING BARS IN ROOF/FLOOR SLABS BEFORE CORE DRILLING FOR ELECTRICAL OR PIPE PENETRATIONS. COORDINATE WITH ELECTRICAL AND PLUMBING CONTRACTORS TO ADJUST PENETRATION LOCATION AS NEEDED AVOID CUTTING REINFORCING BARS. NOTIFY THE ENGINEER PRIOR TO CORE DRILLING IF CUTTING REINFORCING BARS IS UNAVOIDABLE. REFER TO ELECTRICAL, AND PLUMBING PLANS FOR PENETRATION LOCATIONS.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



Brad M. Schaefer - Architect
MO# A-2009027294

BID
DOCUMENTS

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
OFFICE OF ADMINISTRATION

INTERIOR REMODEL
ST. LOUIS COUNTY
REGIONAL STATE OFFICE
BUILDING

1390 TIMBERLAKE MANOR
PKWY
CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
ASSET #

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 11/7/2024

CAD DWG FILE: G-002_O2521-01
DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
DRAWING INDEX,
GENERAL NOTES,
AND SITE MAPS

SHEET NUMBER:

G-002

2 OF 50 SHEETS
11/7/2024



Brad M. Schaefer - Architect
MO# A-2009027294

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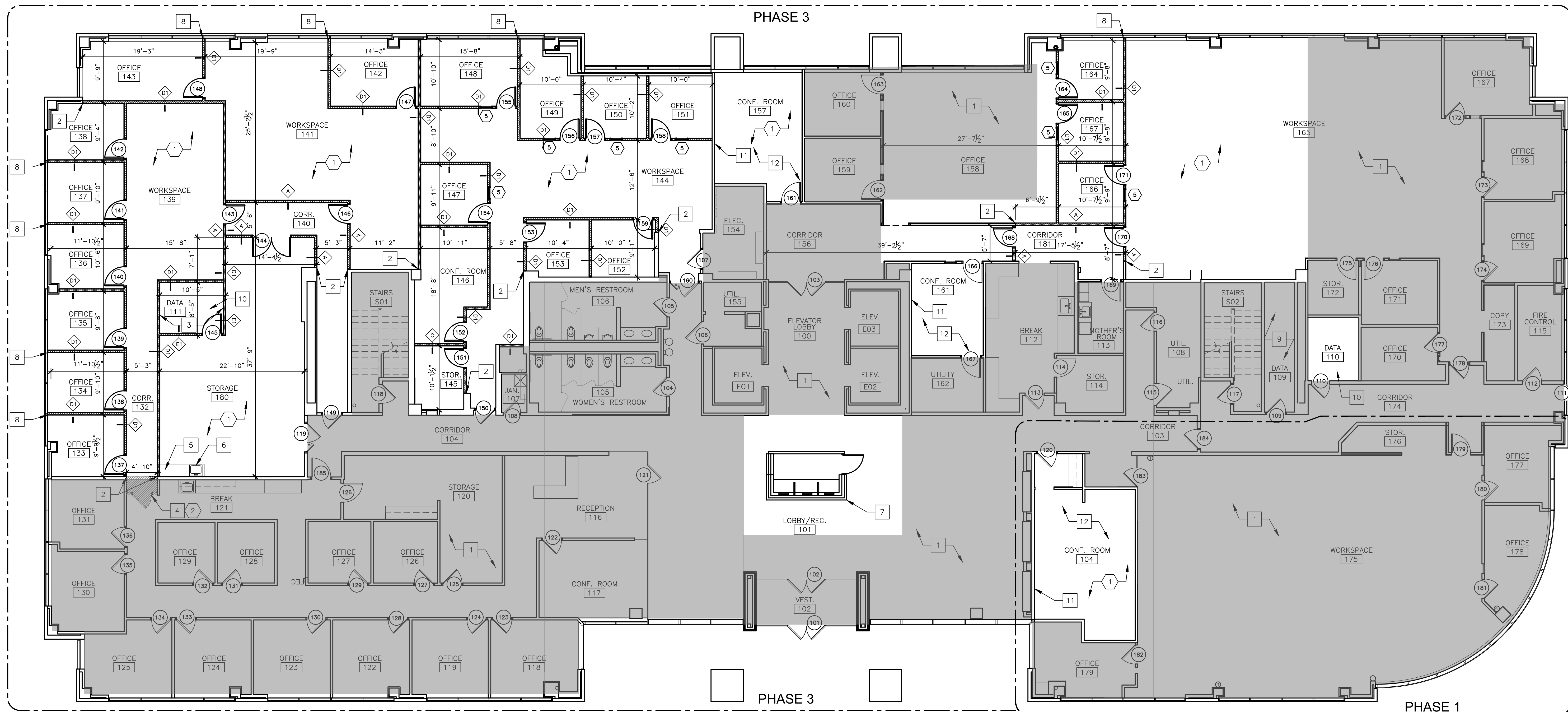
CAD DWG FILE: A-101_O2521-01
DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
**FIRST FLOOR
RENOVATION PLAN**

SHEET NUMBER:

A-101

3 OF 50 SHEETS
11/7/2024



1 FIRST FLOOR NEW WORK PLAN PHASE 1 AND 3
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- G.C. TO VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS AT THE JOB SITE. NOTIFY ARCHITECT OF ANY OMISSIONS, DISCREPANCIES, AND/OR CONFLICTS BEFORE PROCEEDING WITH THE JOB.
- REFER TO A-501 FOR ALL NEW PARTITIONS TYPES UNLESS OTHERWISE NOTED IN ARCHITECTURAL PLANS AND/OR ENLARGED PLANS.
- REFER TO INTERIOR, MECHANICAL, ELECTRICAL, AND PLUMBING SHEETS FOR DETAILS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- PARTITIONS ARE DIMENSIONED TO FACE OF STUD UNLESS NOTED OTHERWISE.
- ALL GYPSUM BOARD AT WET WALL LOCATIONS TO BE MOISTURE RESISTANT. REFER TO SPECIFICATIONS
- EDGE OF DOORS SHALL BE LOCATED 5" OFF PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
- ALL CONCEALED AND SURFACE-MOUNTED WOOD BLOCKING TO SECURE CABINETS, MARKER BOARDS, MONITOR MOUNTS, ECT. TO PARTITIONS TO BE FIRE RETARDANT WOOD BLOCKING.
- DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE.
- ACCESSIBILITY IS DESIGNED AND SHALL BE IN ACCORDANCE WITH IBC AND ICC/ANSI 117.1, WHICHEVER STANDARD PROVIDES THE GREATEST DEGREE OF ACCESSIBILITY FOR ANY GIVEN BUILDING ELEMENT.
- EACH GLAZING UNIT SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. GLAZING LOCATED WITHIN 24" OF A DOOR AND LESS THAN 60" ABOVE WALKING SURFACE SHALL BE SAFETY GLAZED.
- INFORM BUILDING OWNER OF LOCATION OF ALL DAMAGED OR NONFUNCTIONAL WINDOW BLINDS.
- REFER TO AWI STANDARDS FOR MILLWORK CONSTRUCTION. REFER TO INTERIOR DRAWINGS AND SPECIFICATIONS
- ALL MATERIALS AND COMPONENTS OF FIRE-RATED ASSEMBLIES SHALL BE APPROVED BY U.L. OR OTHER RECOGNIZED STANDARD FOR USE IN SUCH ASSEMBLIES.
- ALL FIRESTOP SYSTEMS TO MEET U.L. TESTED SYSTEMS. SYSTEMS MUST BE SUBMITTED TO AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION. G.C. IS TO KEEP A COPY OF ALL APPROVED SYSTEMS ON SITE FOR DURATION OF PROJECT. ALL INSTALLED SYSTEMS MUST BE LABELED AND DOCUMENTED. DOCUMENTATION IS TO BE SUBMITTED TO OWNER AND ARCHITECT UPON COMPLETION OF PROJECT.
- FIRE SPRINKLER APPROVALS ARE NOT INCLUDED UNDER THESE DESIGN DOCUMENTS. BEFORE COMMENCING ANY WORK ON THE SPRINKLER SYSTEM, PLANS MUST BE SUBMITTED BY ENGINEER AND APPROVED BY THE OWNER. THE SYSTEM MUST BE INSPECTED AND APPROVED BY BUILDING SAFETY INSPECTION PRIOR TO OCCUPANCY.
- INSTALL SOUND BATT INSULATION WITHIN NEW WALLS.
- DOOR AND BUILDING SECURITY SYSTEM HARDWARE AND WIRING TO BE PROVIDED BY OWNER. COORDINATE WITH OWNER'S FORCES PRIOR TO CONSTRUCTION.
- REFER TO SUMMARY OF WORK SPECIFICATION SECTION 011000 FOR PHASING SCHEDULE AND COMPLETION DATES

RENOVATION KEYNOTES:

- SHADE INDICATES ARE OF NO NEW WORK. EXISTING FURNITURE AND FINISHES TO REMAIN.
- ALIGN FACE OF NEW PARTITION; TO BE FLUSH, SMOOTH, AND CONTINUOUS WITH EXISTING ADJACENT PARTITION.
- INSTALL FIRE-RETARDANT TREATED 4'X8' PLYWOOD ON (3) WALLS OF DATA ROOM. FASTEN @# 24"OC EACH DIRECTION. PAINT PLYWOOD LEAVING FIRE RATING STAMP EXPOSED.
- HATCHED AREA INDICATES DEMOLITION OF EXISTING WALLS, DOOR, AND DATA RACK FOR NEW HALLWAY OPENING. REFER TO INTERIOR FINISH SHEETS FOR FLOOR AND WALL FINISHES.
- NEW MILLWORK. REFER TO INTERIOR FINISH PLANS AND ELECTRICAL SHEETS.
- NEW SINK. COORDINATE WITH EXISTING PLUMBING AND MEP SHEETS.
- RECEPTION MILLWORK WITH OVERHEAD POWER AND DATA CONNECTION. REFER TO INTERIOR MILLWORK DETAILS AND ELECTRICAL SHEETS.
- INSTALL 3" BLACK DENSE CLOSED CELL COMPRESSIBLE FILLER AT JOINT OF WALL AND EXISTING WINDOW MULLION. SCRIBE GYPSUM BOARD TO SILL BELOW.
- OWNER TO INSTALL TELECOMMUNICATIONS, NETWORKS, AND SECURITY WITHIN THIS ROOM. COORDINATE WITH VENDORS AND/OR BUILDING MANAGEMENT.
- REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR ADDITIONAL REQUIREMENTS, INCLUDING WALL MOUNTED SUPPLEMENTAL AIR CONDITIONING UNIT, RACK POWER, ETC. COORDINATE FINAL LOCATION AND ANY ADDITIONAL POWER AND DATA REQUIREMENTS WITH OWNER.
- WALL-MOUNTED MONITORS AND AV WALL IN TYPICAL AV-2 CONFIGURATION. REFER TO 11/1-203 FOR PLAN & ELEVATION OF AV WALL WITH MONITORS FOR POWER, DATA, SUPPORT, AND OTHER REQUIREMENTS.
- PATCH, REPAIR, AND PAINT WALLS IN EXISTING ROOM. REFER TO INTERIOR FINISH PLANS.

WALL HATCH KEY:

- EXISTING STUD WALL WITH DRYWALL BOTH SIDES TO REMAIN.
- NEW METAL STUD WALL WITH DRYWALL BOTH SIDES. REFER TO SHEET A-501
- FLOOR TO CEILING GLASS PARTITION WITH METAL CHANNEL ATTACHMENT. REFER TO SHEET A-501
- HATCHING INDICATES AREA TO REMAIN. NOT IN CONTRACT.

DEMOLITION KEYNOTES:

- EXISTING LAY IN CEILING TO REMAIN. REFER TO ELECTRICAL SHEETS FOR ELECTRICAL MODIFICATIONS.
- HATCHED AREA INDICATES DEMOLITION OF EXISTING WALLS, DOOR, AND DATA RACK FOR NEW HALLWAY OPENING. REFER TO INTERIOR FINISH SHEETS FOR FLOOR AND WALL FINISHES.



Brad M. Schaefer - Architect
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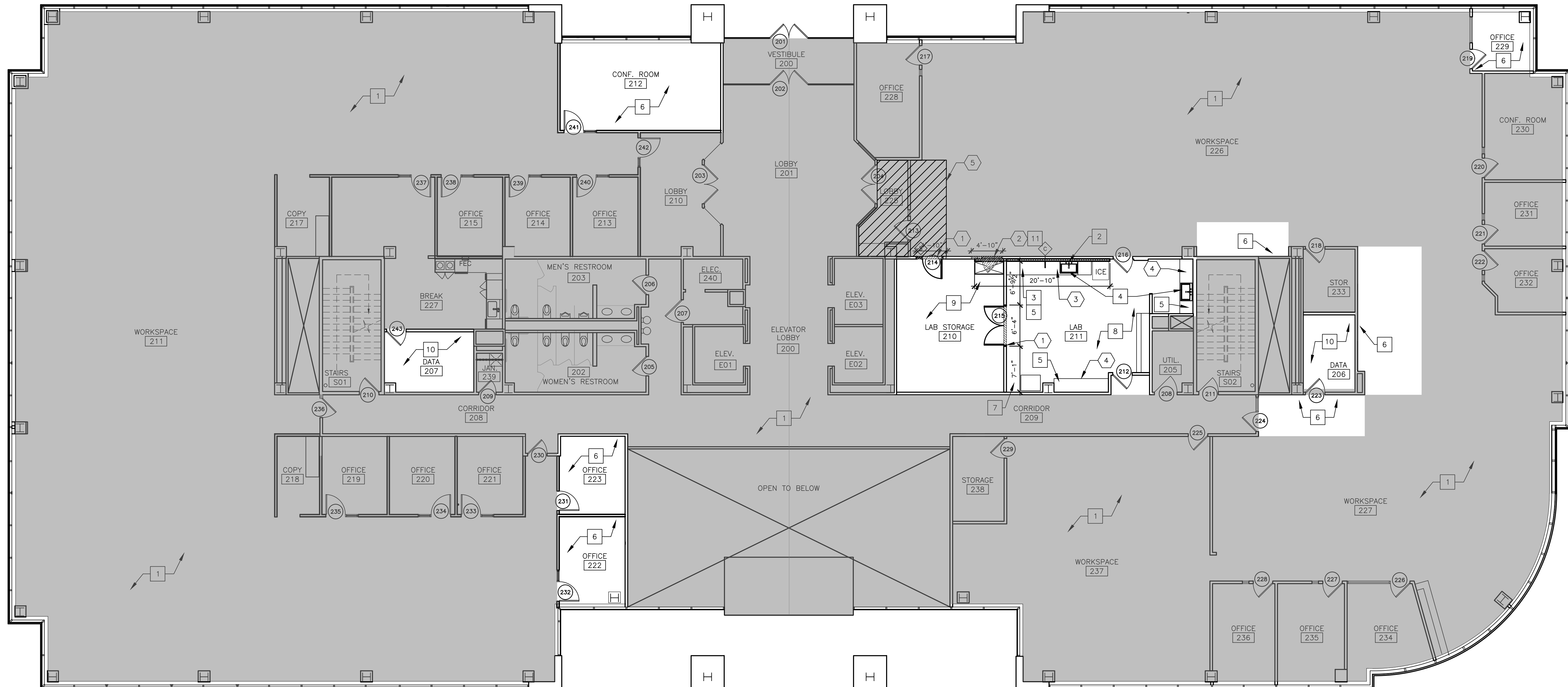
CAD DWG FILE: A-102_O2521-01
DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
**SECOND FLOOR
RENOVATION PLAN**

SHEET NUMBER:

A-102

4 OF 50 SHEETS
11/7/2024



1 SECOND FLOOR NEW WORK PLAN PHASE 2
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. G.C. TO VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS AT THE JOB SITE. NOTIFY ARCHITECT OF ANY OMISSIONS, DISCREPANCIES, AND/OR CONFLICTS BEFORE PROCEEDING WITH THE JOB.
2. REFER TO A-501 FOR ALL NEW PARTITIONS TYPES UNLESS OTHERWISE NOTED IN ARCHITECTURAL PLANS AND/OR ENLARGED PLANS.
3. REFER TO INTERIOR, MECHANICAL, ELECTRICAL, AND PLUMBING SHEETS FOR DETAILS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
4. PARTITIONS ARE DIMENSIONED TO FACE OF STUD UNLESS NOTED OTHERWISE.
5. ALL GYPSUM BOARD AT WET WALL LOCATIONS TO BE MOISTURE RESISTANT. REFER TO SPECIFICATIONS
6. EDGE OF DOORS SHALL BE LOCATED 5" OFF PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
7. ALL CONCEALED AND SURFACE-MOUNTED WOOD BLOCKING TO SECURE CABINETS, MARKER BOARDS, MONITOR MOUNTS, ECT. TO PARTITIONS TO BE FIRE RETARDANT WOOD BLOCKING.
8. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE.
9. ACCESSIBILITY IS DESIGNED AND SHALL BE IN ACCORDANCE WITH IBC AND ICC/ANS 117.1, WHICHEVER STANDARD PROVIDES THE GREATEST DEGREE OF ACCESSIBILITY FOR ANY GIVEN BUILDING ELEMENT.
10. EACH GLAZING UNIT SHALL BEAR THE MANUFACTURERS LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. GLAZING LOCATED WITHIN 24" OF A DOOR AND LESS THAN 60" ABOVE WALKING SURFACE SHALL BE SAFETY GLAZED.
11. INFORM BUILDING OWNER OF LOCATION OF ALL DAMAGED OR NONFUNCTIONAL WINDOW BLINDS.
12. REFER TO AWI STANDARDS FOR MILLWORK CONSTRUCTION. REFER TO INTERIOR DRAWINGS AND SPECIFICATIONS
13. ALL MATERIALS AND COMPONENTS OF FIRE-RATED ASSEMBLIES SHALL BE APPROVED BY U.L. OR OTHER RECOGNIZED STANDARD FOR USE IN SUCH ASSEMBLIES.
14. ALL FIRESTOP SYSTEMS TO MEET U.L. TESTED SYSTEMS. SYSTEMS MUST BE SUBMITTED TO AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION. G.C. IS TO KEEP A COPY OF ALL APPROVED SYSTEMS ON SITE FOR DURATION OF PROJECT. ALL INSTALLED SYSTEMS MUST BE LABELED AND DOCUMENTED. DOCUMENTATION IS TO BE SUBMITTED TO OWNER AND ARCHITECT UPON COMPLETION OF PROJECT.
15. FIRE SPRINKLER APPROVALS ARE NOT INCLUDED UNDER THESE DESIGN DOCUMENTS. BEFORE COMMENCING ANY WORK ON THE SPRINKLER SYSTEM, PLANS MUST BE SUBMITTED BY ENGINEER AND APPROVED BY THE OWNER. THE SYSTEM MUST BE INSPECTED AND APPROVED BY BUILDING SAFETY INSPECTION PRIOR TO OCCUPANCY.
16. INSTALL SOUND BATT INSULATION WITHIN NEW WALLS.
17. DOOR AND BUILDING SECURITY SYSTEM HARDWARE AND WIRING TO BE PROVIDED BY OWNER. COORDINATE WITH OWNER'S FORCES PRIOR TO CONSTRUCTION.
18. REFER TO SUMMARY OF WORK SPECIFICATION SECTION 011000 FOR PHASING SCHEDULE AND COMPLETION DATES

RENOVATION KEYNOTES:

- 1 SHADE INDICATES ARE OF NO NEW WORK. EXISTING FURNITURE AND FINISHES TO REMAIN.
- 2 NEW 3/8" METAL STUD WALL AT 16" O.C. WITH 5/8" DRYWALL ONE SIDE TO EXISTING CEILING. EXISTING WALL TO REMAIN.
- 3 REINSTALL EXISTING MILLWORK. REFER TO INTERIOR FINISH PLANS AND PLUMBING SHEETS.
- 4 NEW SINK. COORDINATE WITH PLUMBING SHEETS.
- 5 NEW COUNTERTOPS ON EXISTING CABINETS. REFER TO INTERIOR MILLWORK DETAILS AND ELECTRICAL SHEETS.
- 6 PATCH, REPAIR, AND PAINT WALLS IN EXISTING ROOM. REFER TO INTERIOR FINISH PLANS.
- 7 LOCATION OF NEW HOOD VENTILATION SYSTEM. REFER TO MECHANICAL DRAWINGS.
- 8 EXISTING FLOOR AND WALL FINISHES TO REMAIN.
- 9 REMOVE EXISTING CARPET. PREP FLOOR AND INSTALL EPOXY FLOORING
- 10 NEW LVT FLOORING. REFER TO INTERIOR FINISH PLANS.
- 11 INSTALL METAL STUDS AND 5/8" DRYWALL PATCH AT EXISTING OPENING. PATCH AND PAINT TO MATCH.

WALL HATCH KEY:

- EXISTING STUD WALL WALL WITH DRYWALL BOTH SIDES TO REMAIN.
- NEW METAL STUD WALL WITH DRYWALL BOTH SIDES. REFER TO SHEET A-501
- HATCHING INDICATES AREA TO REMAIN. NOT IN CONTRACT.

DEMOLITION KEYNOTES:

- 1 DEMOLISH HATCHED AREA FOR OPENING OF NEW DOOR.
- 2 REMOVE EXISTING DOOR AND WINDOW FRAME AND REINSTALL IN INDICATED AREA.
- 3 REMOVE EXISTING CABINET AND INSTALL IN SAME LOCATION
- 4 REMOVE EXISTING COUNTERTOPS
- 5 REMOVE EXISTING CARPET FOR NEW FLOOR FINISH INSTALL. REFER TO INTERIOR FINISH PLANS.



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MO# A-2009027294

**BID
DOCUMENTS**

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
OFFICE OF ADMINISTRATION

INTERIOR REMODEL
ST. LOUIS COUNTY
REGIONAL STATE OFFICE
BUILDING

1390 TIMBERLAKE MANOR
PKWY
CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
ASSET #

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 11/7/2024

CAD DWG FILE: A-104_O2521-01
DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
**FOURTH FLOOR
RENOVATION PLAN**

SHEET NUMBER:

A-104

5 OF 50 SHEETS
11/7/2024



1 FOURTH FLOOR NEW WORK PLAN PHASE 4
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. G.C. TO VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS AT THE JOB SITE. NOTIFY ARCHITECT OF ANY OMISSIONS, DISCREPANCIES, AND/OR CONFLICTS BEFORE PROCEEDING WITH THE JOB.
 2. REFER TO A-501 FOR ALL NEW PARTITIONS TYPES UNLESS OTHERWISE NOTED IN ARCHITECTURAL PLANS AND/OR ENLARGED PLANS.
 3. REFER TO INTERIOR, MECHANICAL, ELECTRICAL, AND PLUMBING SHEETS FOR DETAILS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 4. PARTITIONS ARE DIMENSIONED TO FACE OF STUD UNLESS NOTED OTHERWISE.
 5. ALL GYPSUM BOARD AT WET WALL LOCATIONS TO BE MOISTURE RESISTANT. REFER TO SPECIFICATIONS
 6. EDGE OF DOORS SHALL BE LOCATED 5" OFF PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
 7. ALL CONCEALED AND SURFACE-MOUNTED WOOD BLOCKING TO SECURE CABINETS, MARKER BOARDS, MONITOR MOUNTS, ECT. TO PARTITIONS TO BE FIRE RETARDANT WOOD BLOCKING.
 8. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE.
 9. ACCESSIBILITY IS DESIGNED AND SHALL BE IN ACCORDANCE WITH IBC AND ICC/ANS 117.1, WHICHEVER STANDARD PROVIDES THE GREATEST DEGREE OF ACCESSIBILITY FOR ANY GIVEN BUILDING ELEMENT.
 10. EACH GLAZING UNIT SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. GLAZING LOCATED WITHIN 24" OF A DOOR AND LESS THAN 60" ABOVE WALKING SURFACE SHALL BE SAFETY GLAZED.
 11. INFORM BUILDING OWNER OF LOCATION OF ALL DAMAGED OR NONFUNCTIONAL WINDOW BLINDS.
 12. REFER TO AWI STANDARDS FOR MILLWORK CONSTRUCTION. REFER TO INTERIOR DRAWINGS AND SPECIFICATIONS
 13. ALL MATERIALS AND COMPONENTS OF FIRE-RATED ASSEMBLIES SHALL BE APPROVED BY U.L. OR OTHER RECOGNIZED STANDARD FOR USE IN SUCH ASSEMBLIES.
 14. ALL FIRESTOP SYSTEMS TO MEET U.L. TESTED SYSTEMS. SYSTEMS MUST BE SUBMITTED TO AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION. G.C. IS TO KEEP A COPY OF ALL APPROVED SYSTEMS ON SITE FOR DURATION OF PROJECT. ALL INSTALLED SYSTEMS MUST BE LABELED AND DOCUMENTED. DOCUMENTATION IS TO BE SUBMITTED TO OWNER AND ARCHITECT UPON COMPLETION OF PROJECT.
 - 15.
 16. FIRE SPRINKLER APPROVALS ARE NOT INCLUDED UNDER THESE DESIGN DOCUMENTS. BEFORE COMMENCING ANY WORK ON THE SPRINKLER SYSTEM, PLANS MUST BE SUBMITTED BY ENGINEER AND APPROVED BY THE OWNER. THE SYSTEM MUST BE INSPECTED AND APPROVED BY BUILDING SAFETY INSPECTION PRIOR TO OCCUPANCY.
 17. INSTALL SOUND BATT INSULATION WITHIN NEW WALLS.
- DOOR AND BUILDING SECURITY SYSTEM HARDWARE AND WIRING TO BE PROVIDED BY OWNER. COORDINATE WITH OWNER'S FORCES PRIOR TO CONSTRUCTION.

RENOVATION KEYNOTES:

- 1 SHADE INDICATES ARE OF NO NEW WORK. EXISTING FURNITURE AND FINISHES TO REMAIN.
- 2 NEW 3/8" METAL STUD WALL AT 16" O.C. WITH 5/8" DRYWALL BOTH SIDES TO DECK. REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR UTILITY AND LIGHTING MODIFICATIONS. PAINT TO MATCH.
- 3 PATCH, REPAIR, AND PAINT WALLS IN EXISTING ROOM. REFER TO INTERIOR FINISH PLANS.
- 4 INSTALL NEW WOOD DOOR AND HARDWARE IN EXISTING HOLLOW METAL FRAME.

DEMOLITION KEYNOTES:

- 1 DEMOLISH CEILING AS REQUIRED TO INSTALL DEMISING WALL TO DECK.
- 2 REFER TO ELECTRICAL AND MECHANICAL SHEETS FOR LIGHTING AND FIRE PROTECTION MODIFICATIONS/RELOCATIONS

WALL HATCH KEY:

- EXISTING STUD WALL WITH DRYWALL BOTH SIDES TO REMAIN.
- NEW METAL STUD WALL WITH DRYWALL BOTH SIDES. REFER TO SHEET A-501
- HATCHING INDICATES AREA TO REMAIN. NOT IN CONTRACT.



Brad M. Schaefer - Architect
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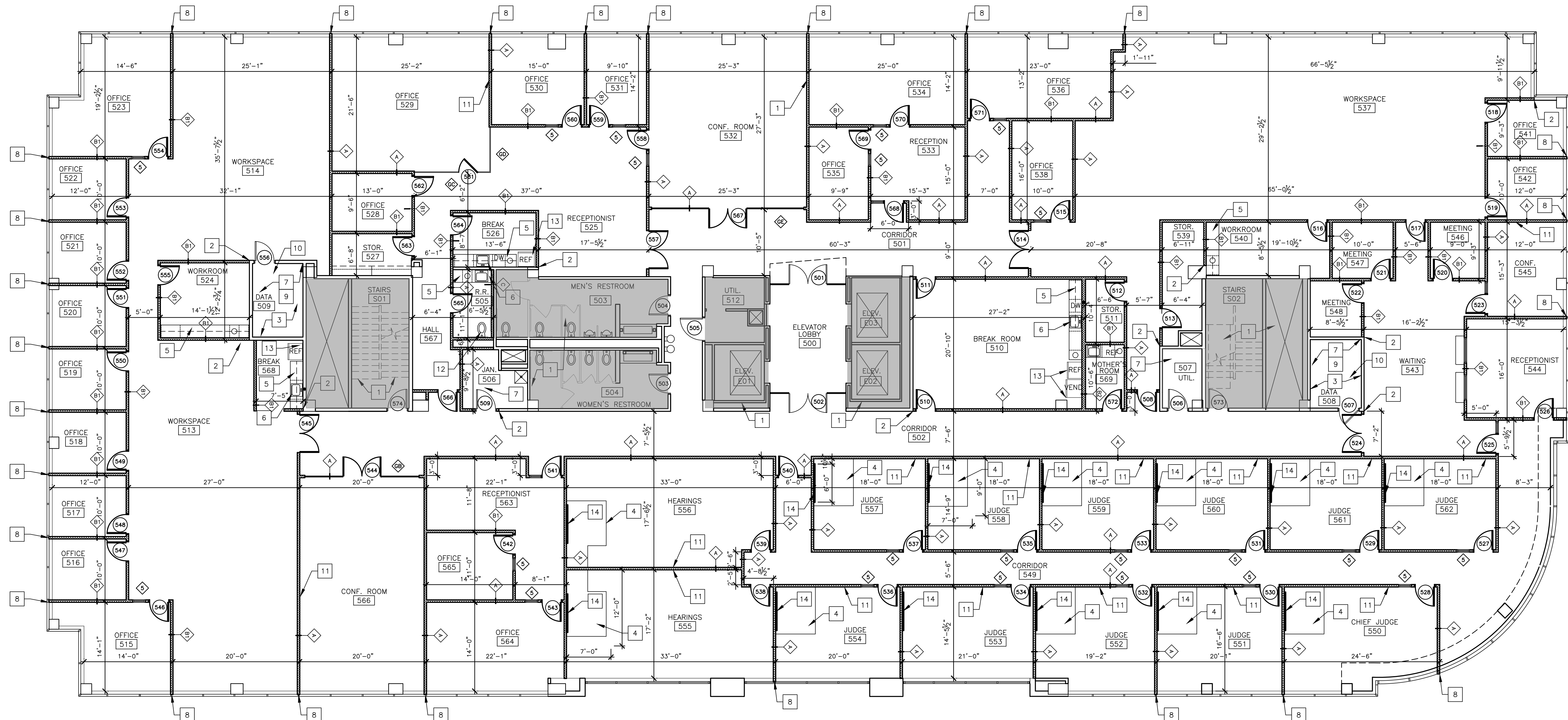
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DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
**FIFTH FLOOR
RENOVATION PLAN**

SHEET NUMBER:

A-105

6 OF 50 SHEETS
11/7/2024



1 FIFTH FLOOR NEW WORK PLAN PHASE 5

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

GENERAL NOTES:

- G.C. TO VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS AT THE JOB SITE. NOTIFY ARCHITECT OF ANY OMISSIONS, DISCREPANCIES, AND/OR CONFLICTS BEFORE PROCEEDING WITH THE JOB.
- REFER TO A-501 FOR ALL NEW PARTITIONS TYPES UNLESS OTHERWISE NOTED IN ARCHITECTURAL PLANS AND/OR ENLARGED PLANS.
- REFER TO INTERIOR, MECHANICAL, ELECTRICAL, AND PLUMBING SHEETS FOR DETAILS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- PARTITIONS ARE DIMENSIONED TO FACE OF STUD UNLESS NOTED OTHERWISE.
- ALL GYPSUM BOARD AT WET WALL LOCATIONS TO BE MOISTURE RESISTANT. REFER TO SPECIFICATIONS
- EDGE OF DOORS SHALL BE LOCATED 5" OFF PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
- ALL CONCEALED AND SURFACE-MOUNTED WOOD BLOCKING TO SECURE CABINETS, MARKER BOARDS, MONITOR MOUNTS, ECT. TO PARTITIONS TO BE FIRE RETARDANT WOOD BLOCKING.
- DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE.
- ACCESSIBILITY IS DESIGNED AND SHALL BE IN ACCORDANCE WITH IBC AND ICC/ANS 117.1, WHICHEVER STANDARD PROVIDES THE GREATEST DEGREE OF ACCESSIBILITY FOR ANY GIVEN BUILDING ELEMENT.
- EACH GLAZING UNIT SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. GLAZING LOCATED WITHIN 24" OF A DOOR AND LESS THAN 60" ABOVE WALKING SURFACE SHALL BE SAFETY GLAZED.
- INFORM BUILDING OWNER OF LOCATION OF ALL DAMAGED OR NONFUNCTIONAL WINDOW BLINDS.
- REFER TO AWI STANDARDS FOR MILLWORK CONSTRUCTION. REFER TO INTERIOR DRAWINGS AND SPECIFICATIONS
- ALL MATERIALS AND COMPONENTS OF FIRE-RATED ASSEMBLIES SHALL BE APPROVED BY U.L. OR OTHER RECOGNIZED STANDARD FOR USE IN SUCH ASSEMBLIES.
- ALL FIRESTOP SYSTEMS TO MEET U.L. TESTED SYSTEMS. SYSTEMS MUST BE SUBMITTED TO AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION. G.C. IS TO KEEP A COPY OF ALL APPROVED SYSTEMS ON SITE FOR DURATION OF PROJECT. ALL INSTALLED SYSTEMS MUST BE LABELED AND DOCUMENTED. DOCUMENTATION IS TO BE SUBMITTED TO OWNER AND ARCHITECT UPON COMPLETION OF PROJECT.
- FIRE SPRINKLER APPROVALS ARE NOT INCLUDED UNDER THESE DESIGN DOCUMENTS. BEFORE COMMENCING ANY WORK ON THE SPRINKLER SYSTEM, PLANS MUST BE SUBMITTED BY ENGINEER AND APPROVED BY THE OWNER. THE SYSTEM MUST BE INSPECTED AND APPROVED BY BUILDING SAFETY INSPECTION PRIOR TO OCCUPANCY.
- INSTALL SOUND BATT INSULATION WITHIN NEW WALLS.

DOOR AND BUILDING SECURITY SYSTEM HARDWARE AND WIRING TO BE PROVIDED BY OWNER. COORDINATE WITH OWNER'S FORCES PRIOR TO CONSTRUCTION.

RENOVATION KEYNOTES:

- SHADE INDICATES ARE OF NO NEW WORK. EXISTING FURNITURE AND FINISHES TO REMAIN.
- ALIGN FACE OF NEW PARTITION; TO BE FLUSH, SMOOTH, AND CONTINUOUS WITH EXISTING ADJACENT PARTITION.
- INSTALL FIRE-RETARDANT TREATED 4'X8' PLYWOOD ON (3) WALLS OF DATA ROOM. FASTEN @# 24"OC EACH DIRECTION. PAINT PLYWOOD LEAVING FIRE RATING STAMP EXPOSED.
- FIRE RATED 2X6 STUD AND 3/4" PLYWOOD PLATFORM UNDER MILLWORK. REFER TO 4/A501 AND INTERIOR DETAIL PLANS.
- NEW CABINETRY MILLWORK. REFER TO INTERIOR FINISH PLANS AND ELECTRICAL SHEETS.
- NEW SINK. COORDINATE WITH PLUMBING SHEETS.
- NEW VINYL FLOORING IN UTILITY ROOMS. REFER TO INTERIOR FINISH SHEETS
- INSTALL 3/8" BLACK DENSE CLOSED CELL COMPRESSIBLE FILLER AT JOINT OF WALL AND EXISTING WINDOW MULLION. SCRIBE GYPSUM BOARD TO SILL BELOW.
- OWNER TO INSTALL TELECOMMUNICATIONS, NETWORKS, AND SECURITY WITHIN THIS ROOM. COORDINATE WITH VENDORS AND/OR BUILDING MANAGEMENT.
- REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR ADDITIONAL REQUIREMENTS, INCLUDING WALL MOUNTED SUPPLEMENTAL AIR CONDITIONING UNIT, RACK POWER, ETC. COORDINATE FINAL LOCATION AND ANY ADDITIONAL POWER AND DATA REQUIREMENTS WITH OWNER.
- WALL-MOUNTED MONITORS AND AV WALL IN TYPICAL AV-2 CONFIGURATION. REFER TO 11/I-203 FOR PLAN & ELEVATION OF AV WALL WITH MONITORS FOR POWER, DATA, SUPPORT, AND OTHER REQUIREMENTS.
- NEW WALL MOUNTED TOILET AND ADA GRAB BARS. REFER TO PLUMBING AND INTERIOR SHEETS.
- NEW REFRIGERATOR. REFER TO PLUMBING AND INTERIOR SPECIFICATIONS.
- 2X3 METAL STUD: 5/8" DRYWALL ACCENT WALL TO CEILING.

DEMOLITION KEYNOTES:

- EXISTING LAY IN CEILING AND FIXTURE TO BE REMOVED. ALL TYPICAL IN WORK SPACE.

WALL HATCH KEY:

- EXISTING STUD WALL WITH DRYWALL BOTH SIDES TO REMAIN.
- NEW METAL STUD WALL WITH DRYWALL BOTH SIDES. REFER TO SHEET A-501
- FLOOR TO CEILING GLASS PARTITION WITH METAL CHANNEL ATTACHEMENT. REFER TO SHEET A-501
- HATCHING INDICATES AREA TO REMAIN. NOT IN CONTRACT.



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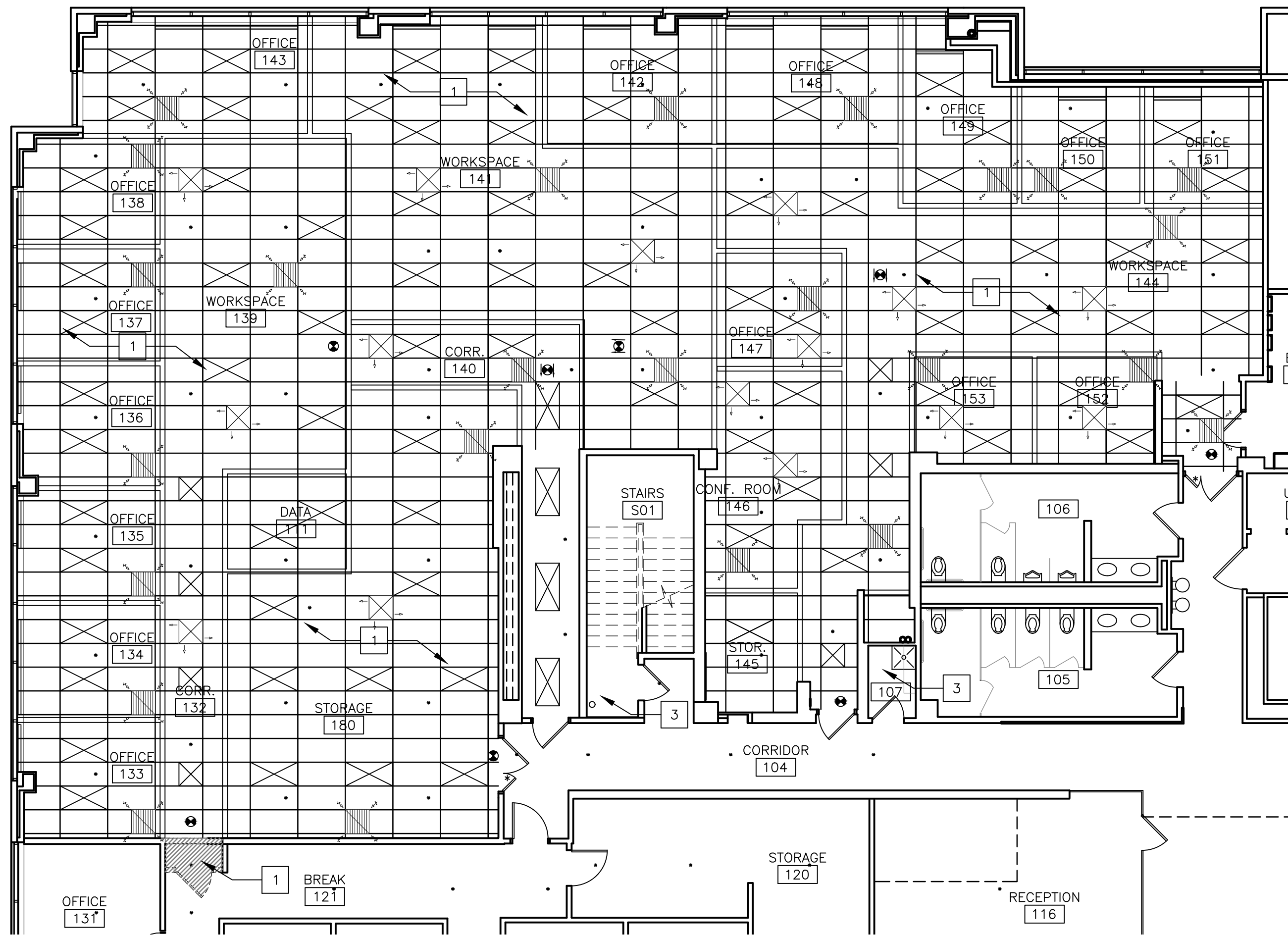
CAD DWG FILE: A-106_O2521-01
DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
**FIRST FLOOR
REFLECTED
CEILING PLAN**

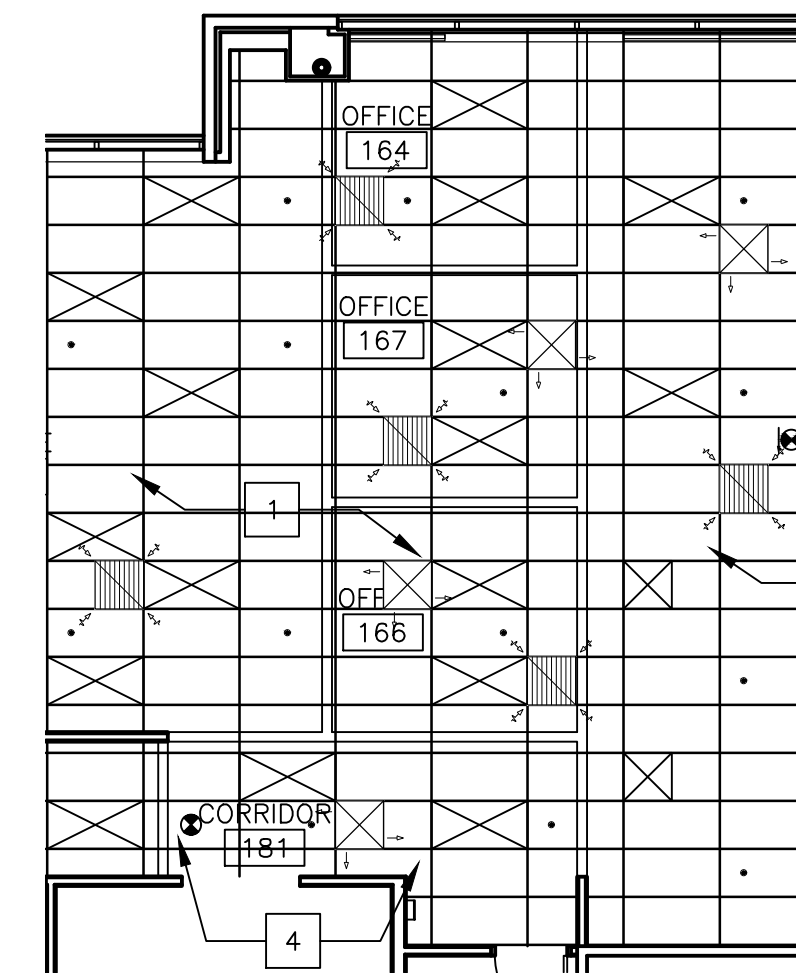
SHEET NUMBER:

A-106

7 OF 50 SHEETS
11/7/2024



1 FIRST FLOOR NEW WORK REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



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

CEILING RESTRAINT REQUIREMENTS FOR SEISMIC DESIGN CATEGORY D, E, & F:

ALL SUSPENDED CEILING SYSTEMS ARE TO BE INSTALLED PER IBC REQUIREMENTS, CISCA GUIDELINES FOR SEISMIC ZONES 3 & 4, AND ASCE SECTION 7 REQUIREMENTS.
NOTE: INFORMATION PROVIDED AS BASIS OF DESIGN. WHERE APPLICABLE, CONTRACTORS SHALL SUBMIT ALTERNATE SEISMIC BRACED CEILING SYSTEM PRODUCT INFORMATION TO ARCHITECT FOR REVIEW/CONSIDERATION.

BASIC CONNECTIONS, PERIMETER AND LATERAL SPLAY BRACING.
SUSPENDED CEILINGS GREATER THAN 144 S.F. SHALL BE BRACED IN ACCORDANCE WITH THE FOLLOWING:

- MINIMUM INTERSECTION STRENGTH LIMITS @ MAIN TEE/CROSS TEE IS 180 LBS.
- PROVIDE MIN. 12-GAUGE VERTICAL HANGER WIRE AT 4'-0" O.C. MIN.
- CONNECTION DEVICE FROM VERTICAL WIRE TO STRUCTURE ABOVE MUST SUSTAIN MIN. 100 LBS.
- MAIN TEE CLASSIFICATION TO BE HEAVY DUTY.
- 1 IN 6 MAX. PLUMB OF VERTICAL HANGER WIRES REQUIRED.
- PROVIDE PERIMETER VERTICAL HANGER WIRES NOT MORE THAN 8" FROM WALL
- MINIMUM CLEARANCE FROM GRID END TO WALL IS 3/4".
- PERIMETER CLOSURE (MOLDING) WIDTH MIN. 2"
- PROVIDE GRID CONNECTION TO PERIMETER ATTACHED ON TWO ADJACENT WALLS.
- TIE PERIMETER TEE ENDS TOGETHER.
- PROVIDE HORIZONTAL RESTRAINT (SPRAY WIRES OR RIGID BRACING) WITHIN 2" OF INTERSECTION AND SPLAYED 90 DEGREES APART AT 45 DEGREE ANGLES
- PROVIDE COMPRESSION POST (STRUTS) AT 12" O.C. IN BOTH DIRECTIONS, STARTING 6" FROM WALL
- SPLAY BRACING CONNECTION STRENGTH TO BE MIN. 200 LBS. OR THE DESIGN LOAD, WHICHEVER IS GREATER.
- PARTITIONS ARE TO BE BRACED INDEPENDENT OF CEILING SPLAY BRACING.
- IN ADDITION TO REQUIREMENTS NOTED ABOVE, FOR SUSPENDED CEILINGS GREATER THAN 2500 S.F., PROVIDE A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION DIVIDING CEILINGS INTO AREAS LESS THAN 2,500 S.F.
- PROVIDE RIGID BRACING FOR CEILING PLANE ELEVATION CHANGES.

LIGHT FIXTURE ATTACHMENT:
MECHANICALLY ATTACH ALL LIGHT FIXTURES TO CEILING GRID. ATTACHMENTS MUST SUPPORT 100% OF LIGHT FIXTURE WEIGHT.

- SURFACE-MOUNTED FIXTURES DO NOT REQUIRE ATTACHMENT TO GRID.
- SUPPORT PENDANT-HUNG FIXTURES DIRECTLY FROM STRUCTURE WITH 9-GAUGE WIRE OR APPROVED ALTERNATE.
- FOR GRID LAY-IN OR CAN LIGHT FIXTURES WEIGHING FROM 10 TO 56 POUNDS PROVIDE (2) VERTICAL SUPPORT WIRES (MUST BE SLACK). FOR LIGHT FIXTURES GREATER THAN 56 POUNDS PROVIDE DIRECT AND INDEPENDENT SUPPORT FROM THE BUILDING'S STRUCTURE.

LIGHT FIXTURE SUPPLEMENTARY HANGER WIRES:

- PROVIDE INTERMEDIATE DUTY MAIN TEES WITH CROSS TEE READING BELOW 16 LBS/LF.
- PROVIDE HEAVY DUTY MAIN TEES WITH CROSS TEE RATING BELOW 16 LBS/LF.
- ATTACH MIN. 12-GAUGE HANGER WIRES TO THE SUPPORTING CROSS TEE WITHIN (3) THREE INCHES OF THE CORNER OF EACH LIGHT FIXTURE.

SERVICE APPLICATIONS:

- ALL MECHANICAL AIR TERMINALS MUST BE POSITIVELY ATTACHED TO THE CEILING GRID. FOR TERMINALS WEIGHING FROM 20 TO 56 POUNDS PROVIDE (2) VERTICAL SUPPORT WIRES (MAY BE SLACK). FOR TERMINALS WEIGHING GREATER THAN 56 POUNDS PROVIDE DIRECT AND INDEPENDENT SUPPORT FROM THE BUILDING STRUCTURE.
- SPRINKLER HEADS AND OTHER PENETRATIONS REQUIRE A MIN. 2" DIAMETER OPENING OR A SWING JOINT.
- CABLE TRAYS AND ELECTRICAL CONDUIT MUST BE INDEPENDENTLY SUPPORTED AND BRACED.

GENERAL CEILING NOTES:

- G.C. TO VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS AT THE JOB SITE. NOTIFY ARCHITECT OF ANY OMISSIONS, DISCREPANCIES, AND/OR CONFLICTS BEFORE PROCEEDING WITH THE JOB.
- REVIEW CEILING LAYOUT AS SHOWN AND NOTIFY ARCHITECT OF ANY CONFLICTS WITH STRUCTURAL, ELECTRICAL, MECHANICAL, PIPE WORK, FIRE PROTECTION SYSTEMS, ETC. BEFORE PROCEEDING WITH CONSTRUCTION.
- INSTALL NEW SUSPENDED ACOUSTICAL CEILING TILE SYSTEM THROUGHOUT SCOPE OF WORK AREA.
- U.N.O. INSTALL SQUARE OR RECTANGULAR DIFFUSERS IN ALL CEILINGS. RE: MECH.
- COORDINATE AND VERIFY LOCATION OF LIGHT SWITCHES, THERMOSTATS, FIRE ALARMS, ETC. WITH ARCHITECT BEFORE INSTALLATION. REFER MECH.
- ALL EXPOSED CEILING EDGES TO BE FINISHED.
- ELECTRICAL CONTRACTOR TO COORDINATE SWITCHING AND DIMMING REQUIREMENTS AND LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- U.N.O. LIGHTING IN EACH ROOM TO BE SWITCHED FROM ONE LOCATION WITHIN THAT ROOM.
- U.N.O. ALL LIGHT FIXTURE TYPES WITHIN EACH ROOM OR OPEN OFFICE AREA TO BE SWITCHED SEPARATELY. GANG ALL SWITCHES IN EACH ROOM UNDER A SINGLE COVER PLATE. PROVIDE OCCUPANCY SENSOR/SWITCH COMBO IN WALL BOX FOR OFFICES, CONFERENCE, BREAK, ETC & CEILING-MOUNTED OCCUPANCY SENSORS IN OPEN OFFICE AREAS.
- U.N.O. ALL CAN LIGHT FIXTURES SHALL BE CONNECTED TO OTHER LIGHTING WITHIN THE SAME ROOM/AREA. COORDINATE VOLTAGE AS REQUIRED TO ACCOMPLISH.
- ELECTRICAL CONTRACTOR TO COORDINATE COVER PLATE COLOR/FINISH, IN EACH SPECIFIC ROOM, WITH OWNER.
- IDENTIFY AND COORDINATE LOCATIONS FOR ALL CEILING ELEMENTS INCLUDING LIGHTING, MECHANICAL DIFFUSERS, RETURN AIR GRILLES, FIRE PROTECTION DEVICES, ACCESS PANELS, EXIT SIGNS, AUDIOVISUAL EQUIPMENT, SECURITY DEVICES, ETC. WITH ARCHITECT BEFORE INSTALLATION.
- REFER TO G.C. GENERATED DESIGN/BUILD FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
- NOTIFY ARCHITECT OF ANY REQUIREMENTS FOR ACCESS PANELS NOT SHOWN ON DOCUMENTS BEFORE PROCEEDING WITH CONSTRUCTION.
- REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL CONDUIT, VOICE/DATA CABLING, SPRINKLER PIPING, ETC. TO BE ABOVE CEILING PLANE, NEVER SURFACE MOUNTED OR EXPOSED.
- WHERE APPLICABLE, ANY EXISTING SPRAY-ON FIRE-PROOFING (SOFF) ON STEEL BEAMS TO REMAIN. ANY SOFF THAT IS DISLODGED OR REMOVED TO BE REPLACED.
- EGRESS/EMERGENCY LIGHTING SHALL BE ACCOMPLISHED BY PROVIDING AN ADDITIONAL EMERGENCY CIRCUIT TO THE FIXTURES. COORDINATE SPECIFICS WITH LIGHTING VENDOR & REFERENCE MECH AND ELEC. DRAWINGS FOR FIXTURE LOCATIONS.

GENERAL CEILING DEMOLITION NOTES:

- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR DEVICE DEMOLITION
- EXISTING LAY IN CEILING IN WORK AREA TO BE REMOVED. RETAIN LIGHTS AND DIFFUSERS FOR USE BY OWNER.
- EXISTING DRYWALL SOFFITS TO REMAIN

CEILING RENOVATION KEYNOTES:

- SHADE INDICATES EXISTING WALL AND DOOR TO BE REMOVED. INSTALL CEILING TO MATCH EXISTING. REFER TO SHEET A101 AND MEP PLANS
- EXISTING LAY IN CEILING AT 9'-0" ABOVE FINISH FLOOR TO REMAIN.
- EXPOSED CEILING
- NEW 2X4 LAY IN TILE AND GRID INSTALLED IN CORRIDOR.

CEILING PLAN LEGEND:

- 6" OR 4" CAN LIGHT. RE: ELECTRICAL DRAWINGS
- 2X2 OR 2X4 LED LIGHT FIXTURE. RE: ELECTRICAL DRAWINGS.
- EXISTING 2X4 "SECOND LOOK" SUSPENDED ACOUSTICAL CEILING TILE SYSTEM. AT 9'-0" TO REMAIN. NEW INSTALLED IN CORRIDOR. RE: PLANS AND PARTITION SCHEDULE
- MECHANICAL DIFFUSERS. RE: MECHANICAL DRAWINGS
- MECHANICAL RETURN AIR GRILL. RE: MECHANICAL DRAWINGS.



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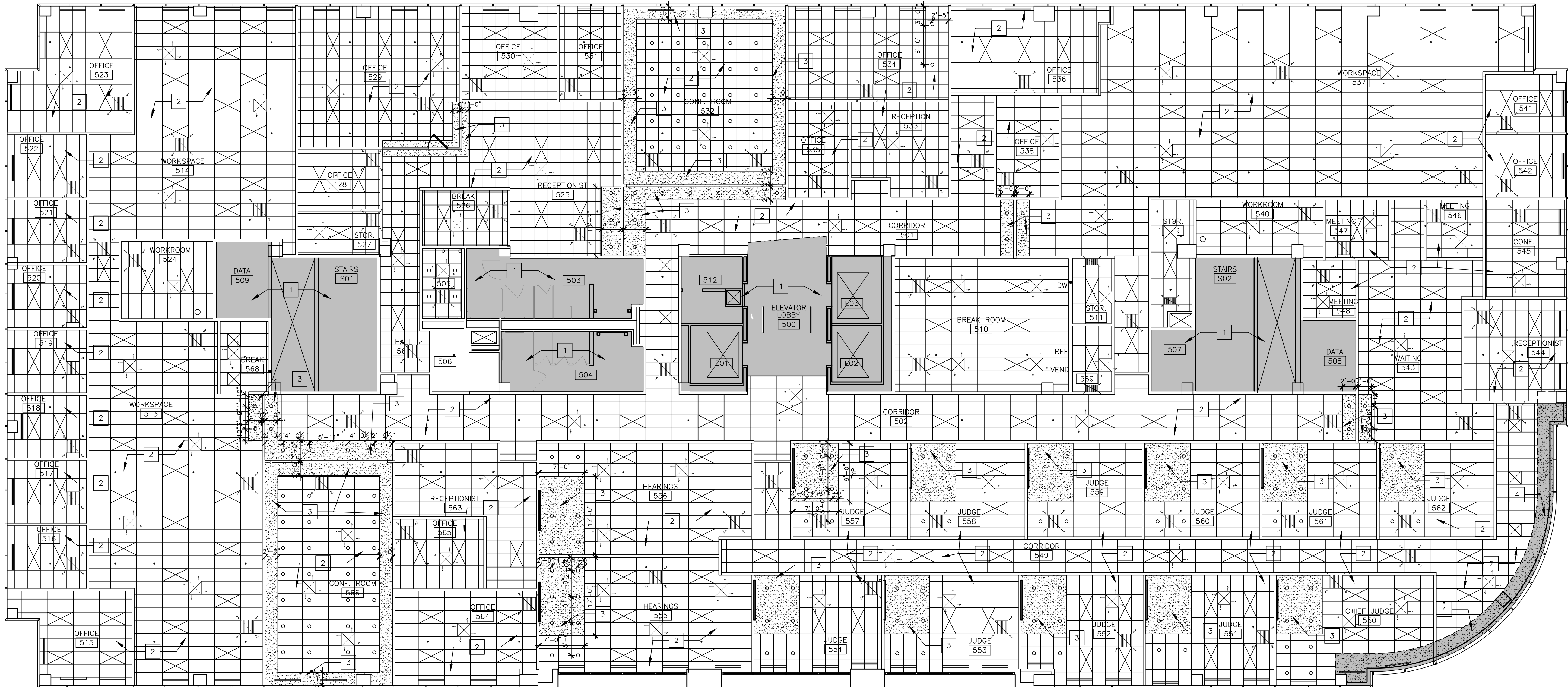
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**FIFTH FLOOR
REFLECTED
CEILING PLAN**

SHEET NUMBER:

A-107

8 OF 50 SHEETS
11/7/2024



1 FIFTH FLOOR NEW WORK CEILING PLAN
SCALE: 1/8" = 1'-0"

GENERAL CEILING NOTES:

- G.C. TO VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS AT THE JOB SITE. NOTIFY ARCHITECT OF ANY OMISSIONS, DISCREPANCIES, AND/OR CONFLICTS BEFORE PROCEEDING WITH THE JOB.
- REVIEW CEILING LAYOUT AS SHOWN AND NOTIFY ARCHITECT OF ANY CONFLICTS WITH STRUCTURAL, ELECTRICAL, MECHANICAL, PIPE WORK, FIRE PROTECTION SYSTEMS, ETC. BEFORE PROCEEDING WITH CONSTRUCTION.
- INSTALL NEW SUSPENDED ACOUSTICAL CEILING TILE SYSTEM THROUGHOUT SCOPE OF WORK AREA.
- U.N.O. INSTALL SQUARE OR RECTANGULAR DIFFUSERS IN ALL CEILINGS. RE: MECH.
- COORDINATE AND VERIFY LOCATION OF LIGHT SWITCHES, THERMOSTATS, FIRE ALARMS, ETC. WITH ARCHITECT BEFORE INSTALLATION. REFER MECH.
- ALL EXPOSED CEILING EDGES TO BE FINISHED.
- ELECTRICAL CONTRACTOR TO COORDINATE SWITCHING AND DIMMING REQUIREMENTS AND LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- U.N.O. LIGHTING IN EACH ROOM TO BE SWITCHED FROM ONE LOCATION WITHIN THAT ROOM.
- U.N.O. ALL LIGHT FIXTURE TYPES WITHIN EACH ROOM OR OPEN OFFICE AREA TO BE SWITCHED SEPARATELY. GANG ALL SWITCHES IN EACH ROOM UNDER A SINGLE COVER PLATE. PROVIDE OCCUPANCY SENSOR/SWITCH COMBO IN WALL BOX FOR OFFICES, CONFERENCE, BREAK, ETC. & CEILING-MOUNTED OCCUPANCY SENSORS IN OPEN OFFICE AREAS.
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- NOTIFY ARCHITECT OF ANY REQUIREMENTS FOR ACCESS PANELS NOT SHOWN ON DOCUMENTS BEFORE PROCEEDING WITH CONSTRUCTION.
- REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL CONDUIT, VOICE/DATA CABLING, SPRINKLER PIPING, ETC. TO BE ABOVE CEILING PLANE, NEVER SURFACE MOUNTED OR EXPOSED.
- WHERE APPLICABLE, ANY EXISTING SPRAY-ON FIRE-PROOFING (SOFP) ON STEEL BEAMS TO REMAIN. ANY SOFP THAT IS DISLODGED OR REMOVED TO BE REPLACED.
- EGRESS/EMERGENCY LIGHTING SHALL BE ACCOMPLISHED BY PROVIDING AN ADDITIONAL EMERGENCY CIRCUIT TO THE FIXTURES. COORDINATE SPECIFICS WITH LIGHTING VENDOR & REFERENCE MECH AND ELEC. DRAWINGS FOR FIXTURE LOCATIONS.

CEILING RESTRAINT REQUIREMENTS FOR SEISMIC DESIGN CATEGORY D, E, & F:

ALL SUSPENDED CEILING SYSTEMS ARE TO BE INSTALLED PER IBC REQUIREMENTS, CISCA GUIDELINES FOR SEISMIC ZONES 3 & 4, AND ASCE SECTION 7 REQUIREMENTS.
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- BASIC CONNECTIONS, PERIMETER AND LATERAL SPLAY BRACING**
SUSPENDED CEILINGS GREATER THAN 144 S.F. SHALL BE BRACED IN ACCORDANCE WITH THE FOLLOWING:
- MINIMUM INTERSECTION STRENGTH LIMITS @ MAIN TEE/CROSS TEE IS 180 LBS.
 - PROVIDE MIN. 12-GAUGE VERTICAL HANGER WIRE AT 4'-0" O.C. MIN.
 - CONNECTION DEVICE FROM VERTICAL WIRE TO STRUCTURE ABOVE MUST SUSTAIN MIN. 100 LBS.
 - MAIN TEE CLASSIFICATION TO BE HEAVY DUTY.
 - 1 IN 8 MAX. PLUMB OF VERTICAL HANGER WIRES REQUIRED.
 - PROVIDE PERIMETER VERTICAL HANGER WIRES NOT MORE THAN 8" FROM WALL.
 - MINIMUM CLEARANCE FROM GRID END TO WALL IS 3/4".
 - PERIMETER CLOSURE (MOLDING) WIDTH MIN. 2"
 - PROVIDE GRID CONNECTION TO PERIMETER ATTACHED ON TWO ADJACENT WALLS.
 - TIE PERIMETER TEE ENDS TOGETHER.
 - PROVIDE HORIZONTAL RESTRAINT (SPLAY WIRES OR RIGID BRACING) WITHIN 2' OF INTERSECTION AND SPLAYED 90 DEGREES APART AT 45 DEGREE ANGLES
 - PROVIDE COMPRESSION POST (STRUTS) AT 12" O.C. IN BOTH DIRECTIONS, STARTING 6" FROM WALL
 - SPLAY BRACING CONNECTION STRENGTH TO BE MIN. 200 LBS. OR THE DESIGN LOAD, WHICHEVER IS GREATER.
 - PARTITIONS ARE TO BE BRACED INDEPENDENT OF CEILING SPLAY BRACING.
 - IN ADDITION TO REQUIREMENTS NOTED ABOVE, FOR SUSPENDED CEILINGS GREATER THAN 2500 S.F. PROVIDE A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION DIVIDING CEILINGS INTO AREAS LESS THAN 2,500 S.F.
 - PROVIDE RIGID BRACING FOR CEILING PLANE ELEVATION CHANGES.
- LIGHT FIXTURE ATTACHMENT:**
- MECHANICALLY ATTACH ALL LIGHT FIXTURES TO CEILING GRID. ATTACHMENTS MUST SUPPORT 100% OF LIGHT FIXTURE WEIGHT.
 - SURFACE-MOUNTED FIXTURES DO NOT REQUIRE ATTACHMENT TO GRID.
 - SUPPORT PENDANT-HUNG FIXTURES DIRECTLY FROM STRUCTURE WITH 9-GAUGE WIRE OR APPROVED ALTERNATE.
 - FOR GRID LAY-IN OR CAN LIGHT FIXTURES WEIGHING FROM 10 TO 56 POUNDS PROVIDE (2) VERTICAL SUPPORT WIRES (MUST BE SLACK). FOR LIGHT FIXTURES GREATER THAN 56 POUNDS PROVIDE DIRECT AND INDEPENDENT SUPPORT FROM THE BUILDINGS STRUCTURE.
- LIGHT FIXTURE SUPPLEMENTARY HANGER WIRES:**
- PROVIDE INTERMEDIATE DUTY MAIN TEES WITH CROSS TEE READING BELOW 16 LBS/LF.
 - PROVIDE HEAVY DUTY MAIN TEES WITH CROSS TEE RATING BELOW 16 LBS/LF.
 - ATTACH MIN. 12-GAUGE HANGER WIRES TO THE SUPPORTING CROSS TEE WITHIN (3) THREE INCHES OF THE CORNER OF EACH LIGHT FIXTURE.
- SERVICE APPLICATIONS:**
- ALL MECHANICAL AIR TERMINALS MUST BE POSITIVELY ATTACHED TO THE CEILING GRID. FOR TERMINALS WEIGHING FROM 20 TO 56 POUNDS PROVIDE (2) VERTICAL SUPPORT WIRES (MAY BE SLACK) FOR TERMINALS WEIGHING GREATER THAN 56 POUNDS PROVIDE DIRECT AND INDEPENDENT SUPPORT FROM THE BUILDING STRUCTURE.
 - SPRINKLER HEADS AND OTHER PENETRATIONS REQUIRE A MIN. 2" DIAMETER OPENING OR A SWING JOINT.
 - CABLE TRAYS AND ELECTRICAL CONDUIT MUST BE INDEPENDENTLY SUPPORTED AND BRACED.

GENERAL CEILING DEMOLITION NOTES:

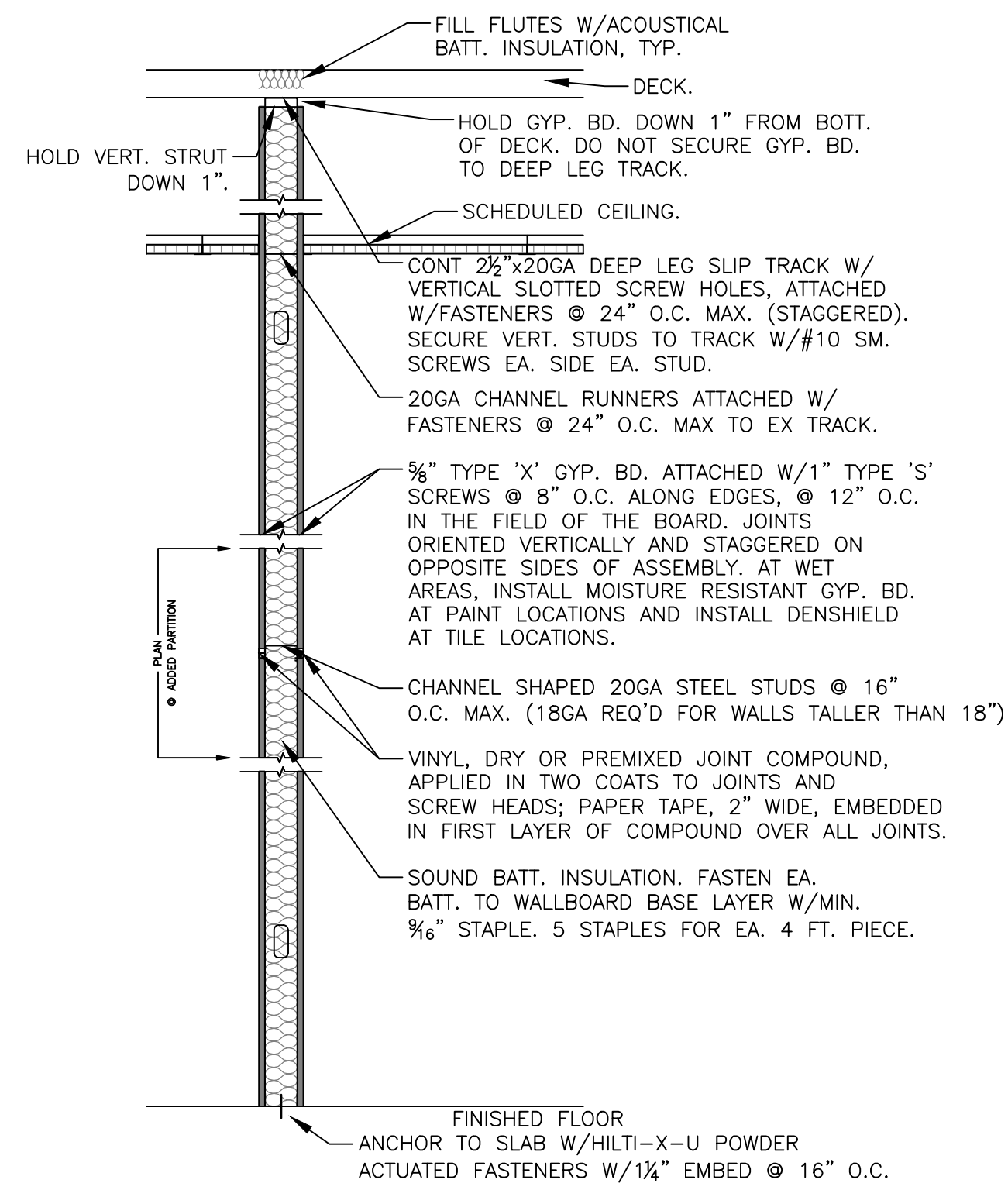
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR DEVICE DEMOLITION
- EXISTING LAY IN CEILING IN WORK AREA TO BE REMOVED. RETAIN LIGHTS AND DIFFUSERS FOR USE BY OWNER.
- EXISTING DRYWALL SOFFITS TO REMAIN

CEILING RENOVATION KEYNOTES:

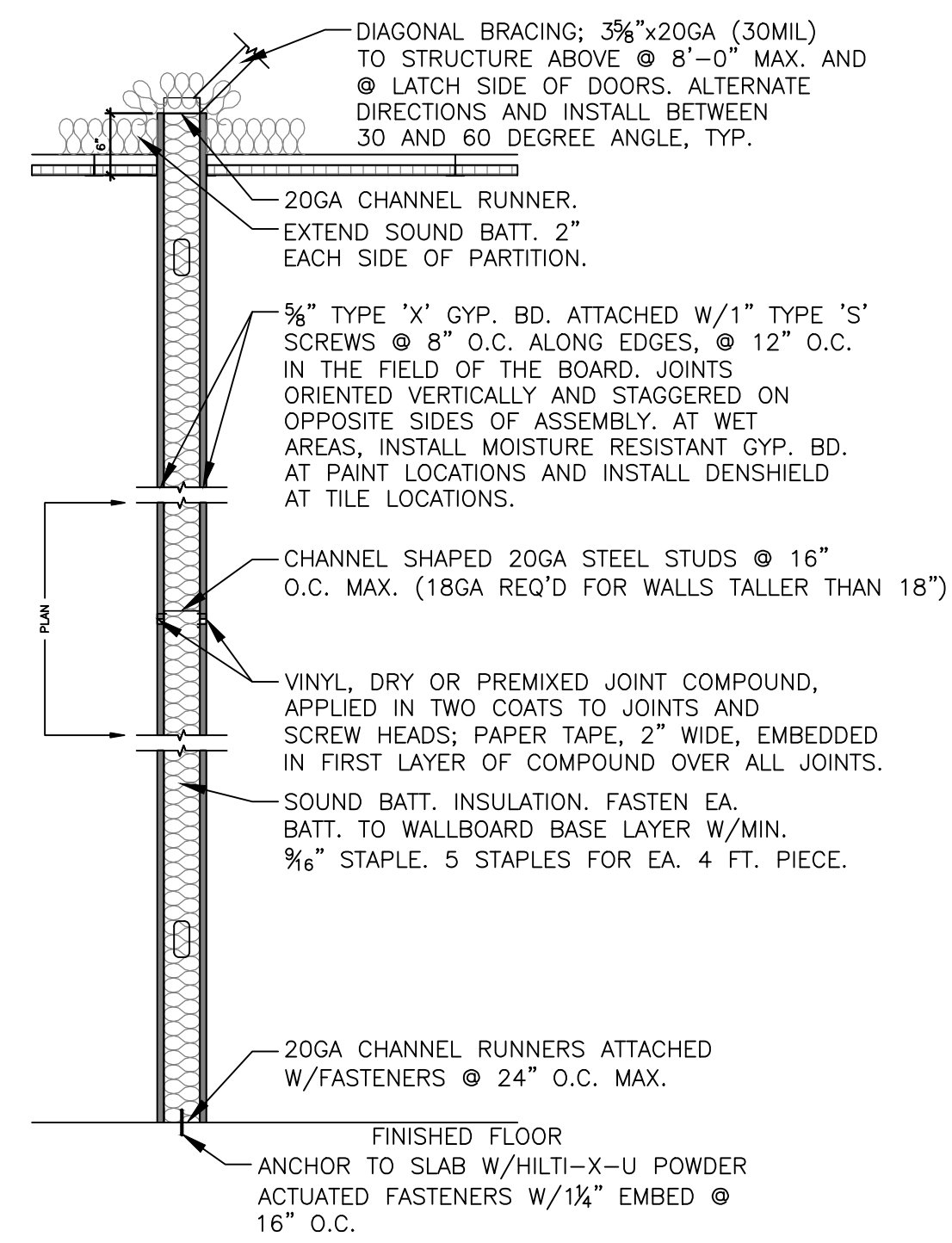
- SHADE INDICATES ARE OF NO NEW WORK. EXISTING CEILING AND FIXTURES TO REMAIN.
- NEW LAY IN CEILING AT 9'-0" ABOVE FINISH FLOOR.
- DRYWALL SOFFIT AT 8'-9" ABOVE FINISH FLOOR. INSTALL LEVEL 5 FINISH AND PAINT.
- EXISTING SOFFIT TO REMAIN

CEILING PLAN LEGEND:

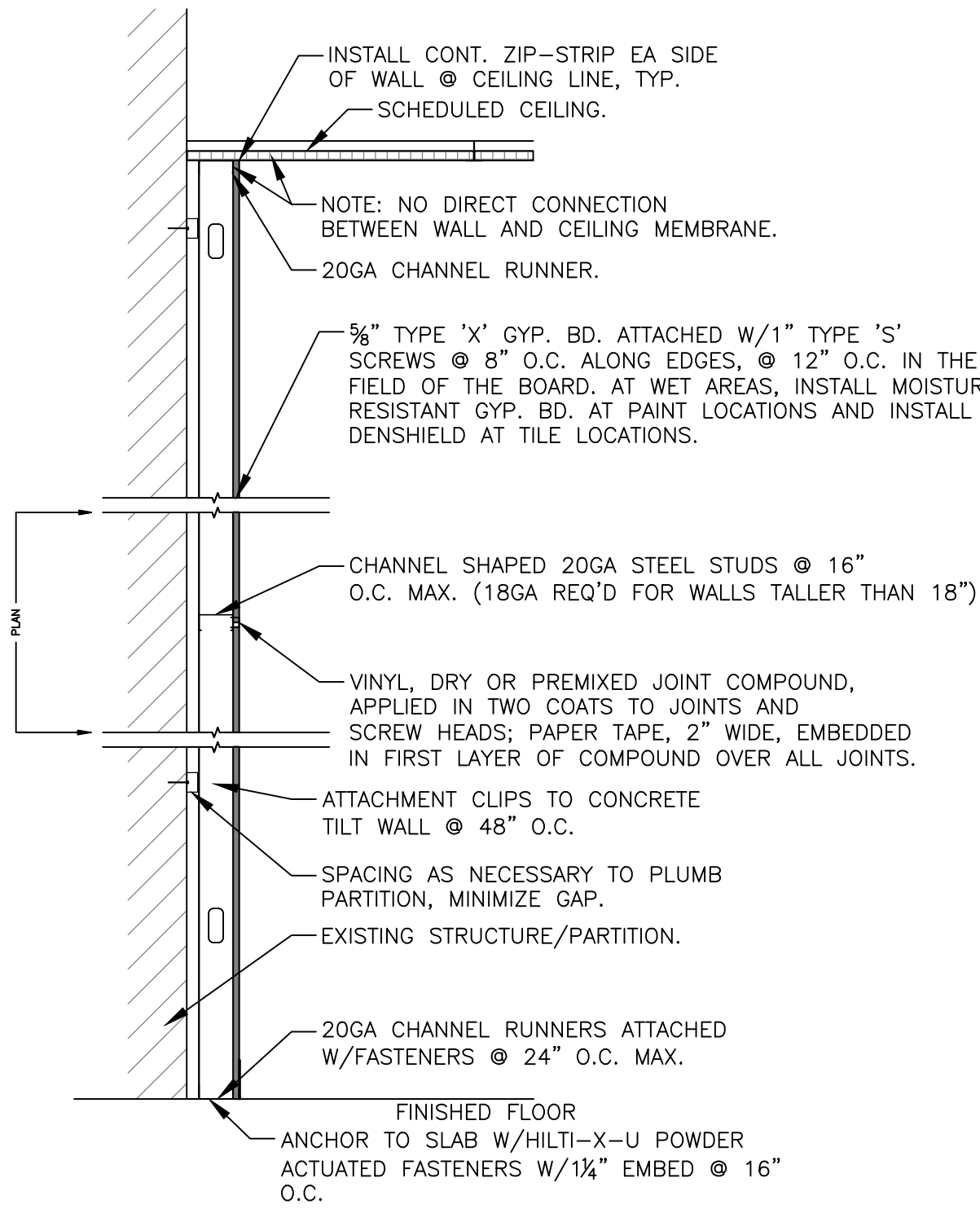
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A MATCH EXISTING PARTITION WIDTH



B SEE PLAN DIMENSION
 B1 USE 3-5/8" MTL STUDS
 SOUND BATT INSULATION
 B2 USE 6" MTL STUDS
 SOUND BATT INSULATION



C USE 3-5/8" MTL STUDS

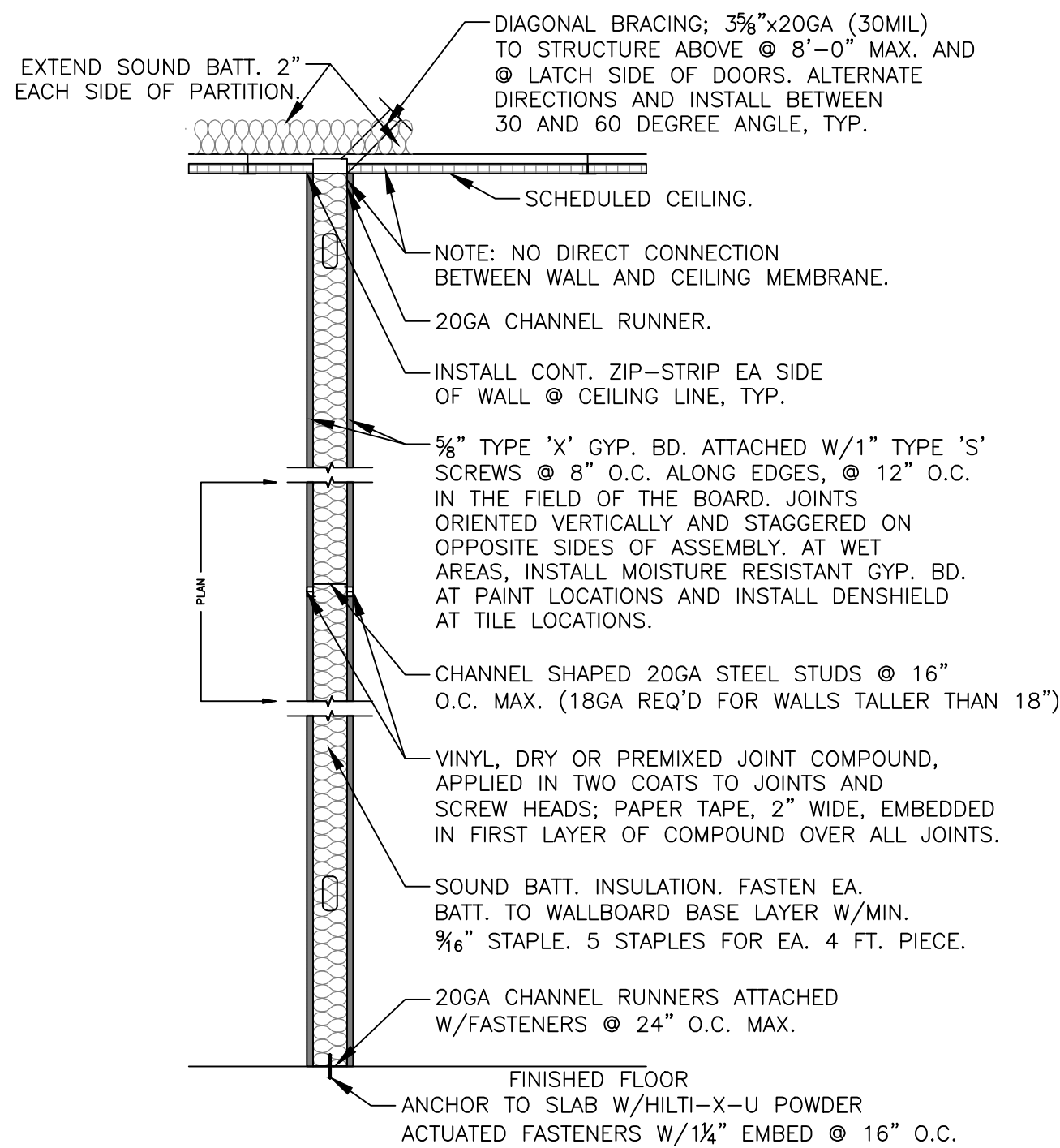
PARTITION GENERAL NOTES:

- A. PROVIDE CONTROL JOINTS IN GYPSUM BOARD PARTITIONS AT 30'-0" O.C. WHERE NO OTHER OPENINGS OCCUR WITHIN THAT LENGTH. CONTROL JOINT LOCATIONS SHALL BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
- B. USE USG 200-B CASING BEAD WHERE DRYWALL ABUTS DISSIMILAR CONSTRUCTION SUCH AS WINDOW FRAMES, EXISTING DOOR FRAMES AND CEILING TRACK. NO SUBSTITUTIONS.
- C. WHERE GYPSUM BOARD AND METAL STUD PARTITIONS MEET STRUCTURAL ELEMENTS, PROVIDE SLIP OR CUSHION TYPE JOINTS BETWEEN METAL FRAMING AND STRUCTURE AS RECOMMENDED BY MANUFACTURER TO PREVENT TRANSFER OF STRUCTURAL LOADS OR MOVEMENTS TO PARTITION.
- D. STUD SPACE AND CONNECTION DETAILS TO COMPLY WITH MANUFACTURES DETAILS AND WARRANTY GUIDE.
- E. ALL METAL STUDS TO BE 20 GAUGE AT INTERIOR PARTITIONS U.N.O.
- F. COMPLY WITH APPLICABLE REQUIREMENTS OF ASTM C840 AND GA 216 FOR APPLICATION AND FINISHING OF GYPSUM BOARD, UNLESS OTHER, MORE STRINGENT REQUIREMENTS ARE INDICATED.
- G. COMPLY WITH APPLICABLE REQUIREMENTS OF ASTM C754 FOR INSTALLATION OF STEEL FRAMING.
- H. USE WATER-RESISTANT GYPSUM BOARD AT ALL PARTITIONS WITH OR ADJACENT TO PLUMBING FIXTURES WHICH RECEIVE A PAINT OR WALL COVERING FINISH. USE DENSSHIELD AT ALL PARTITIONS WITH OR ADJACENT TO PLUMBING FIXTURES THAT RECEIVE A TILE FINISH.
- J. METAL STUD FRAMING IS TO BE SCREWED TO CHANNEL TRACK ON BOTH SIDES, TOP AND BOTTOM.
- K. ALL RATED WALLS AND PARTITIONS ARE TO BE STENCILED ABOVE CEILING, INDICATING "RATED WALL - PROTECT ALL OPENINGS", STENCIL SHOULD ALSO INDICATE RATING IF MORE THAN 1 HOUR, STENCIL SHALL BE RED IN COLOR AND SHALL BE AT LEAST 3" HIGH, SPACED NO MORE THAN 25 FEET APART.
- L. ALL PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE PROPERLY PROTECTED.
- M. ALL BRACING TOP CONNECTIONS AT DECK SHALL BE SECURED TO TOP CHORD OF BAR JOIST, TOP FLANGE OF STEEL BEAMS OR METAL DECK. DO NOT SECURE BRACING TO BOTTOM OF BAR JOIST OR BEAMS.

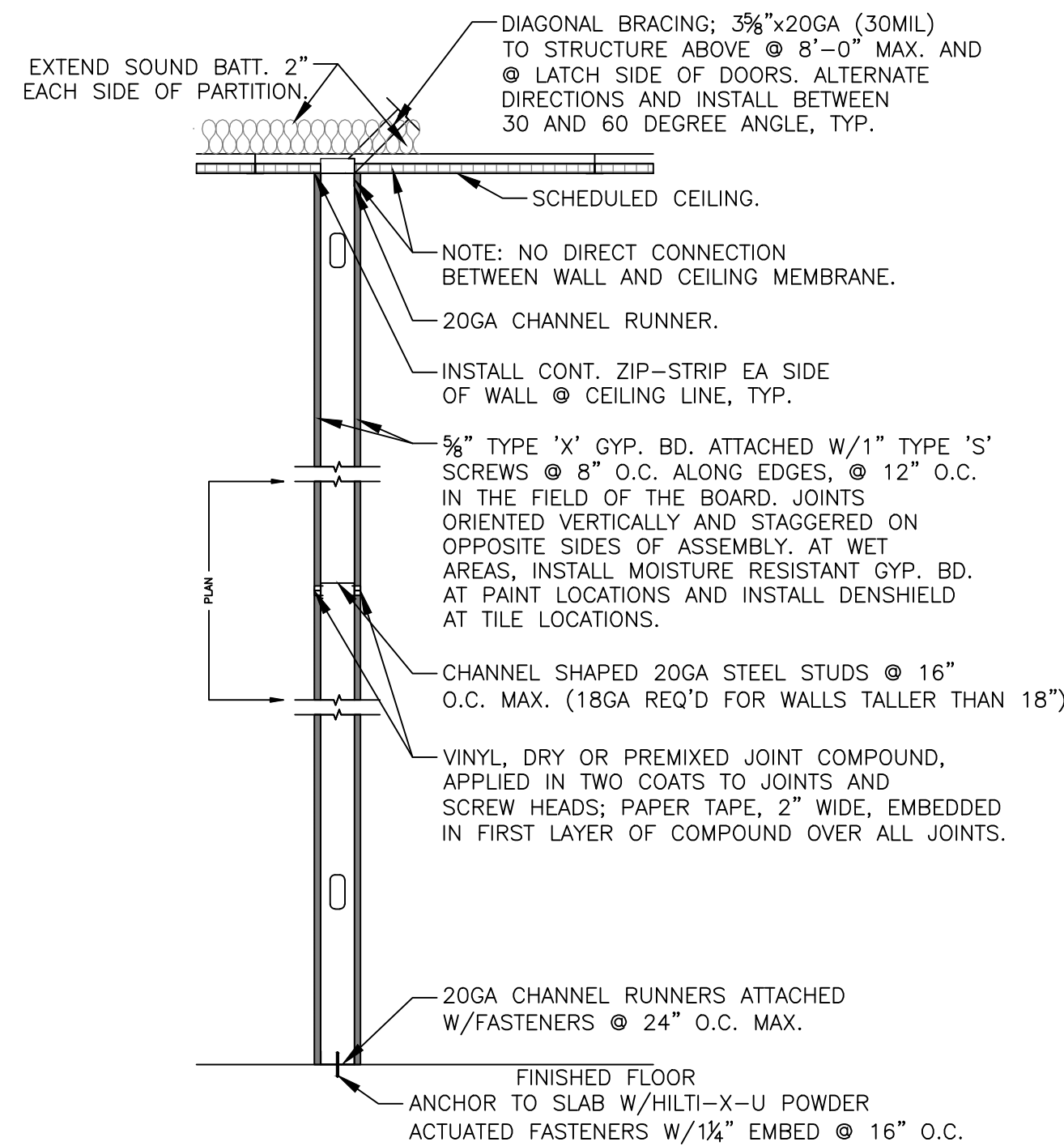
1 PARTITION TYPE A
 SCALE: 3/4" = 1'-0"

2 PARTITION TYPE B
 SCALE: 3/4" = 1'-0"

3 PARTITION TYPE C
 SCALE: 3/4" = 1'-0"



D SEE PLAN DIMENSION
 D1 USE 3-5/8" MTL STUDS
 SOUND BATT INSULATION
 D2 USE 6" MTL STUDS
 SOUND BATT INSULATION



E SEE PLAN DIMENSION
 E1 USE 3-5/8" MTL STUDS
 SOUND BATT INSULATION
 E2 USE 6" MTL STUDS
 SOUND BATT INSULATION

4 PARTITION TYPE D
 SCALE: 3/4" = 1'-0"

5 PARTITION TYPE E
 SCALE: 3/4" = 1'-0"



Brad M. Schaefer - Architect
 MO# A-2009027294

BID DOCUMENTS

OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND CONSTRUCTION

DEPARTMENT OF
 OFFICE OF ADMINISTRATION

INTERIOR REMODEL
 ST. LOUIS COUNTY
 REGIONAL STATE OFFICE
 BUILDING

1390 TIMBERLAKE MANOR
 PKWY
 CHESTERFIELD, MO 63017

PROJECT # O2521-01
 SITE #
 ASSET #

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 ISSUE DATE: 11/7/2024

CAD DWG FILE: A-500_O2521-01
 DRAWN BY: RG
 CHECKED BY: BS
 DESIGNED BY: BS

SHEET TITLE:
**PARTITION
 DETAILS**

SHEET NUMBER:

A-500



Brad M. Schaefer - Architect
MO# A-2009027294

**BID
DOCUMENTS**

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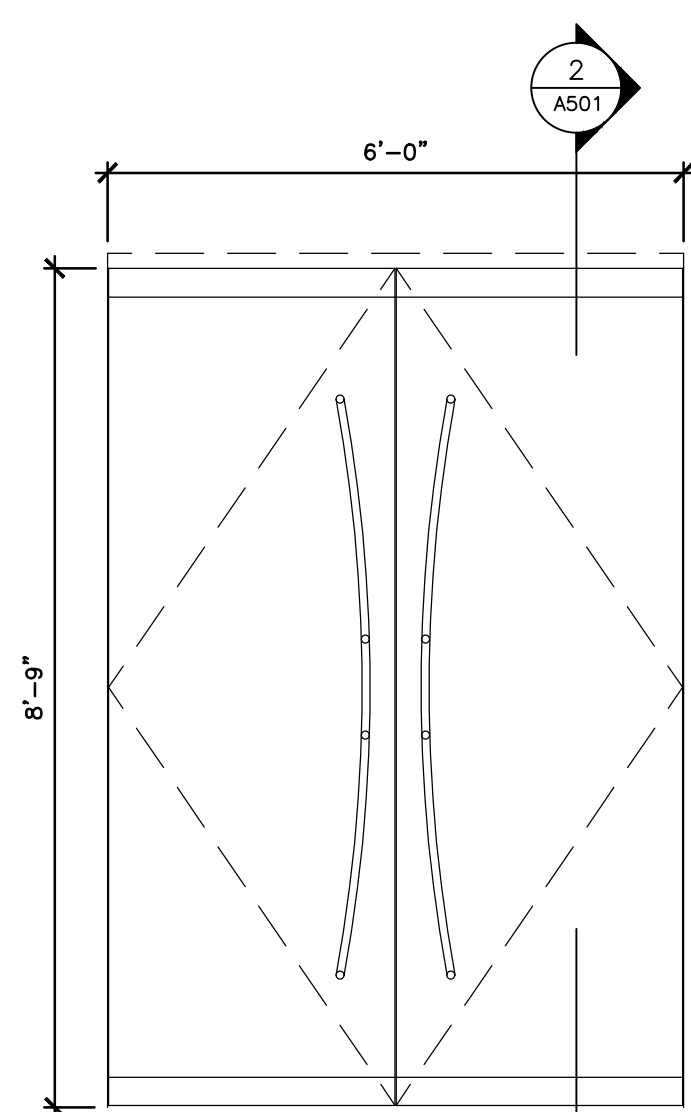
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DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
**DETAILS
AND ELEVATIONS**

SHEET NUMBER:

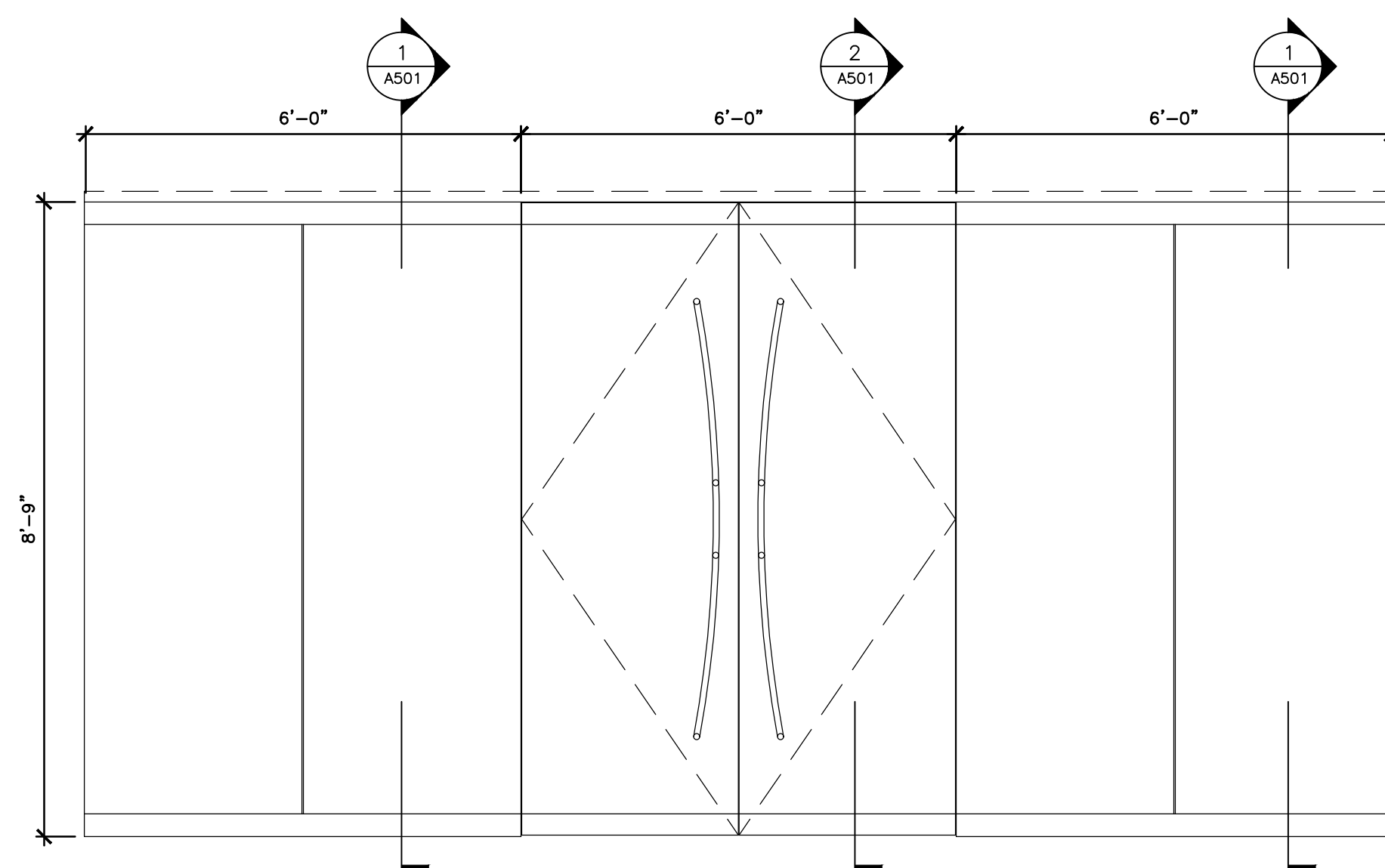
A-501

10 OF 50 SHEETS
11/7/2024



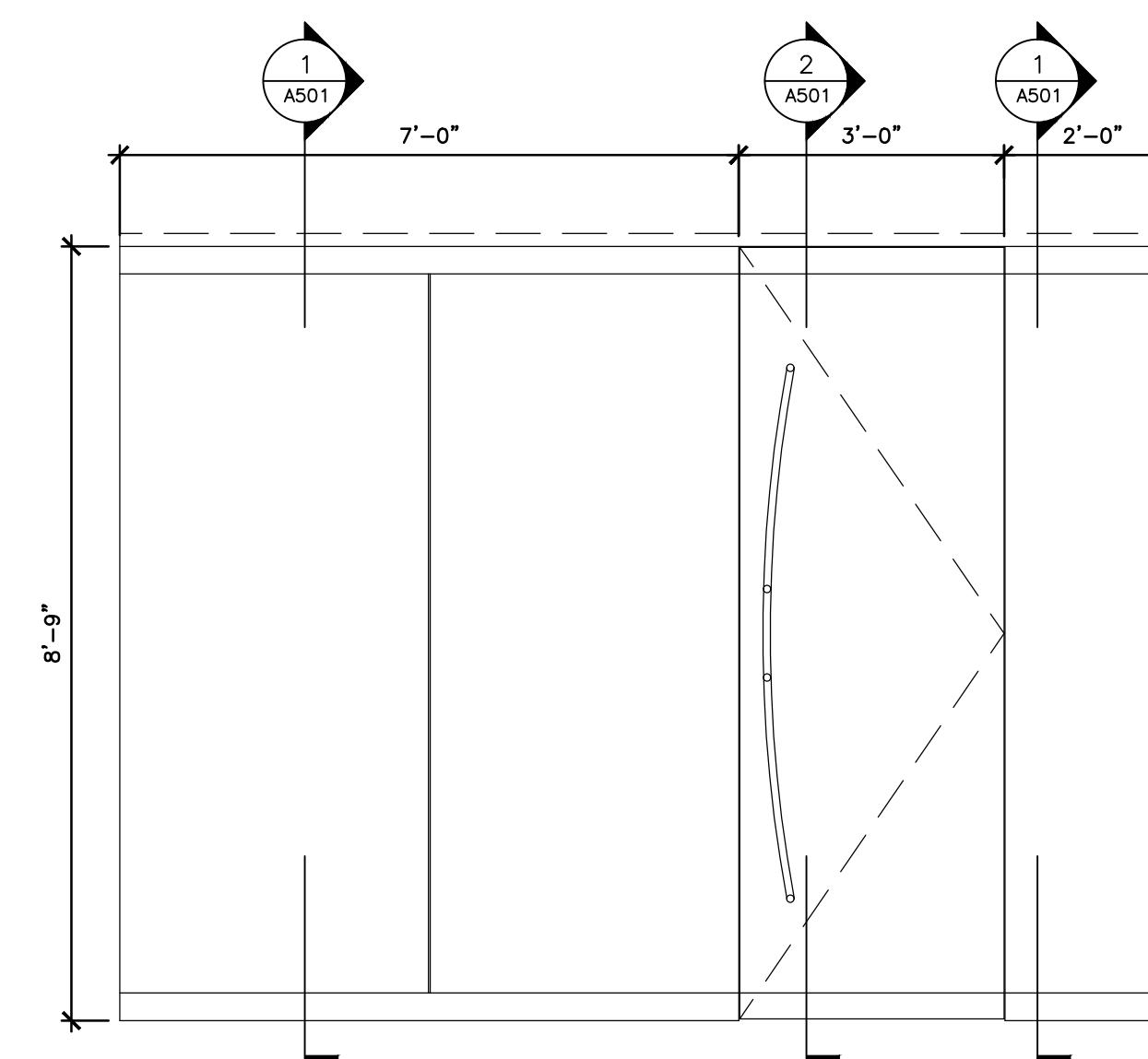
FULL HEIGHT TEMPERED GLASS ENTRY SYSTEM WITH STAINLESS STEEL HARDWARE. DUAL 3'-0" DOORS. FIELD MEASURE PRIOR TO INSTALL. REFER TO SPECIFICATIONS.

GA



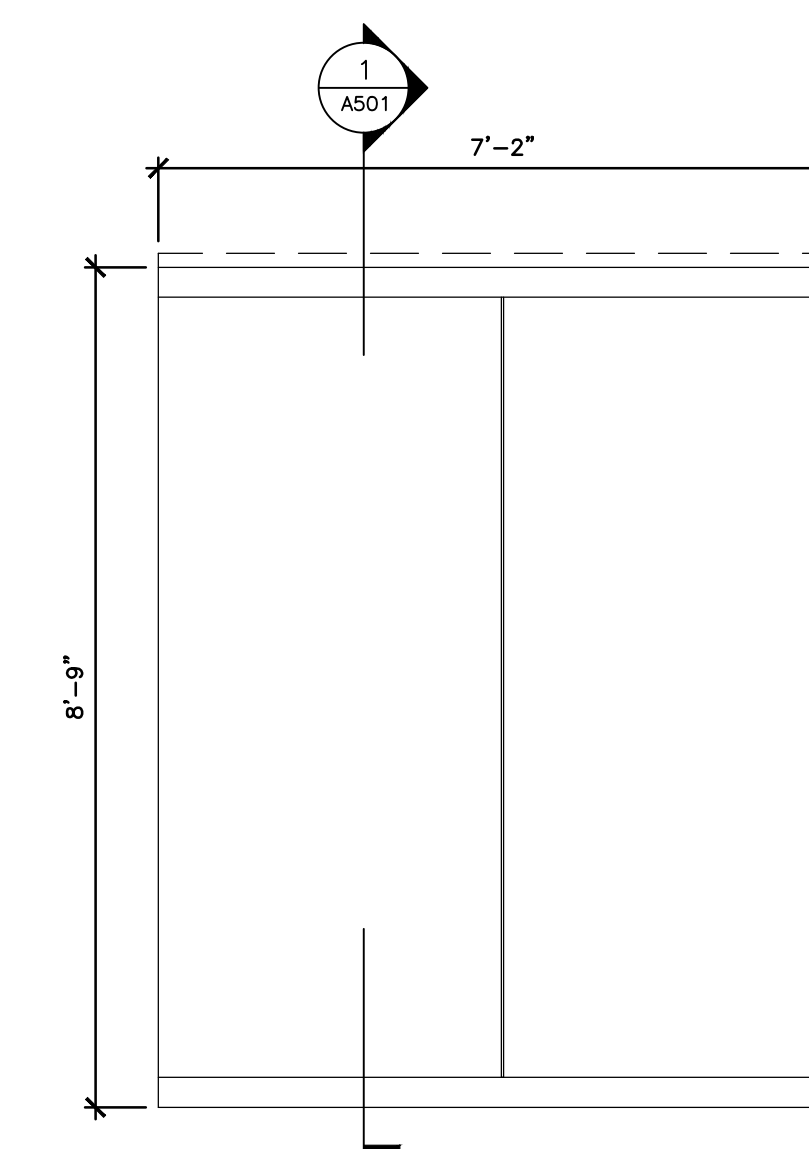
FULL HEIGHT TEMPERED GLASS ENTRY AND WALL SYSTEM WITH STAINLESS STEEL HARDWARE. DUAL 3'-0" DOORS. FIELD MEASURE PRIOR TO INSTALL. REFER TO SPECIFICATIONS.

GB



FULL HEIGHT TEMPERED GLASS ENTRY AND WALL SYSTEM WITH STAINLESS STEEL HARDWARE. SINGLE 3'-0" DOOR. FIELD MEASURE PRIOR TO INSTALL. REFER TO SPECIFICATIONS.

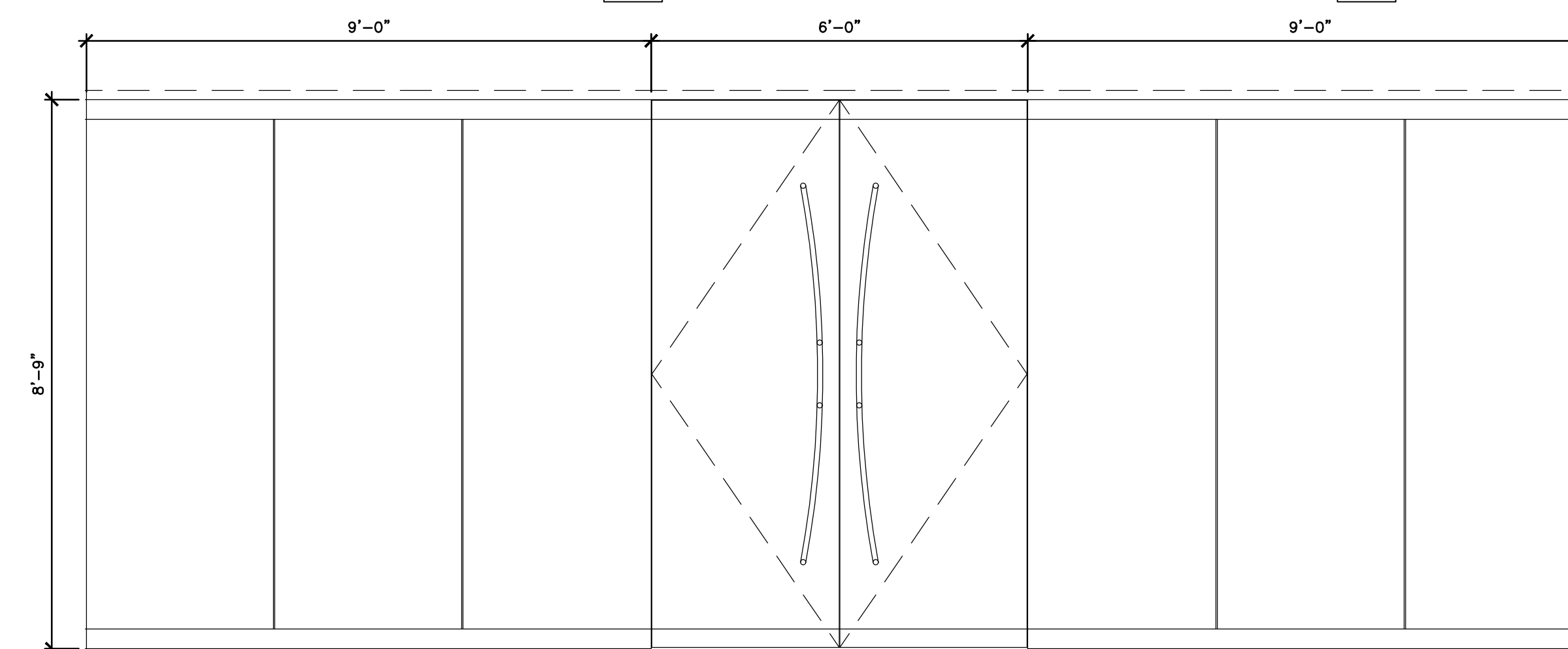
GC



FULL HEIGHT TEMPERED GLASS WALL SYSTEM WITH STAINLESS STEEL HARDWARE. FIELD MEASURE PRIOR TO INSTALL. REFER TO SPECIFICATIONS.

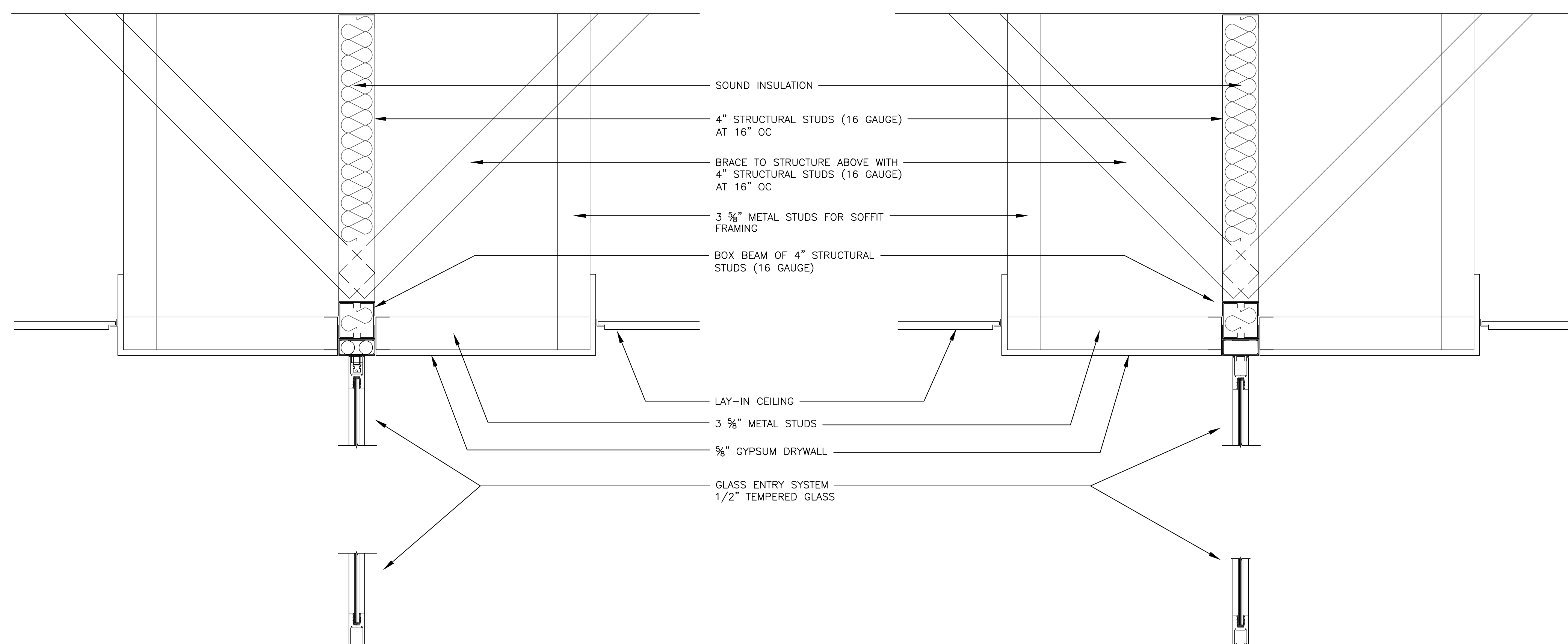
GD

1 GLASS ENTRY ELEVATIONS
SCALE: 1 1/2" = 1'-0"



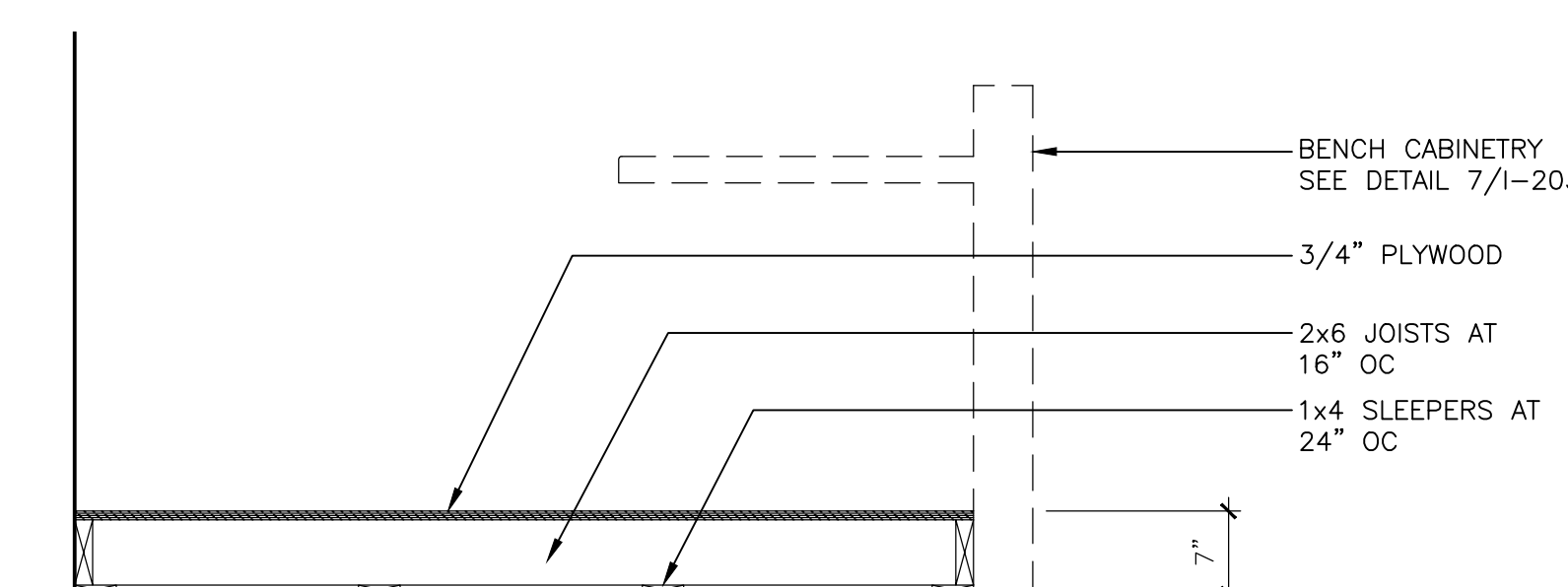
FULL HEIGHT TEMPERED GLASS ENTRY AND WALL SYSTEM WITH STAINLESS STEEL HARDWARE. DUAL 3'-0" DOORS. FIELD MEASURE PRIOR TO INSTALL. REFER TO SPECIFICATIONS.

GE

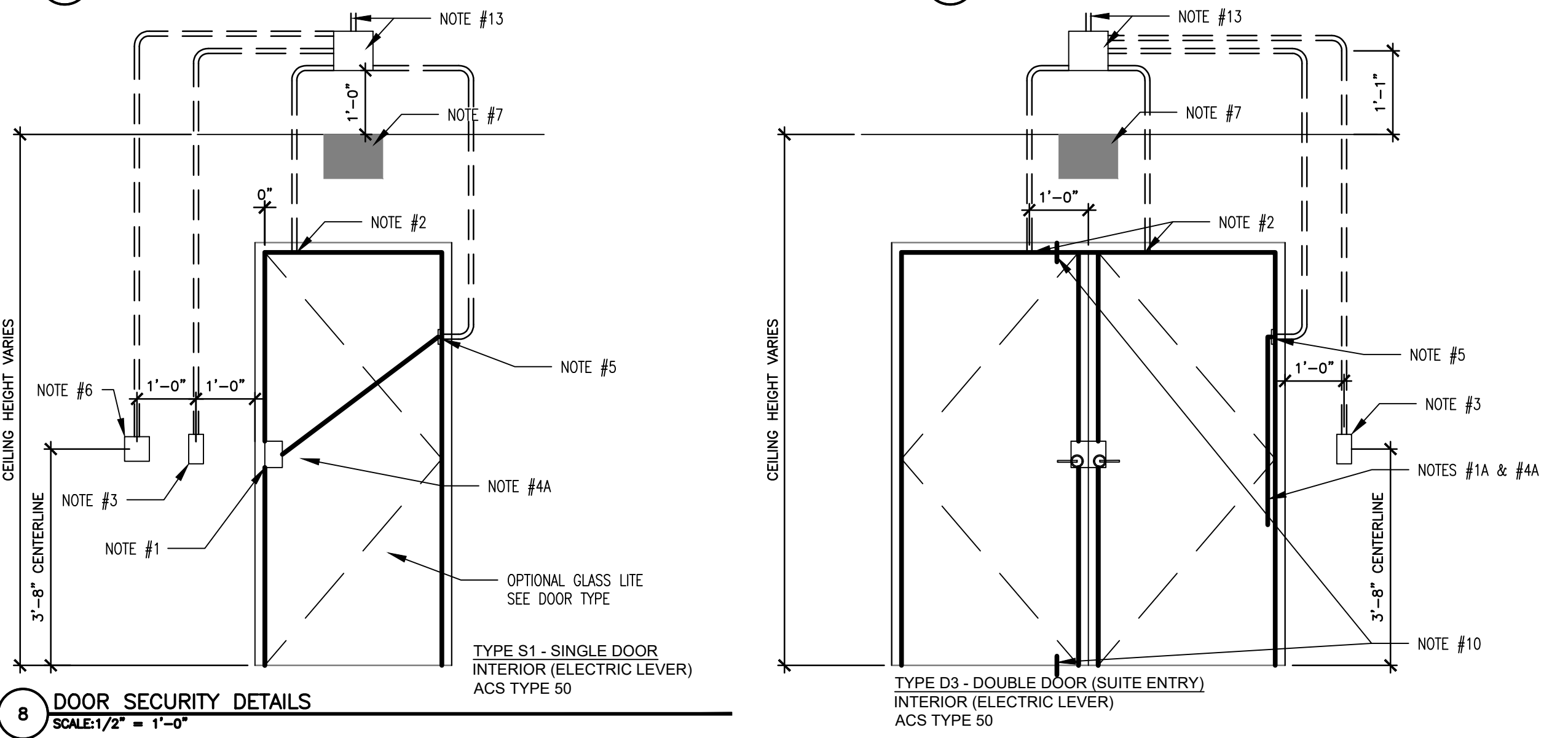
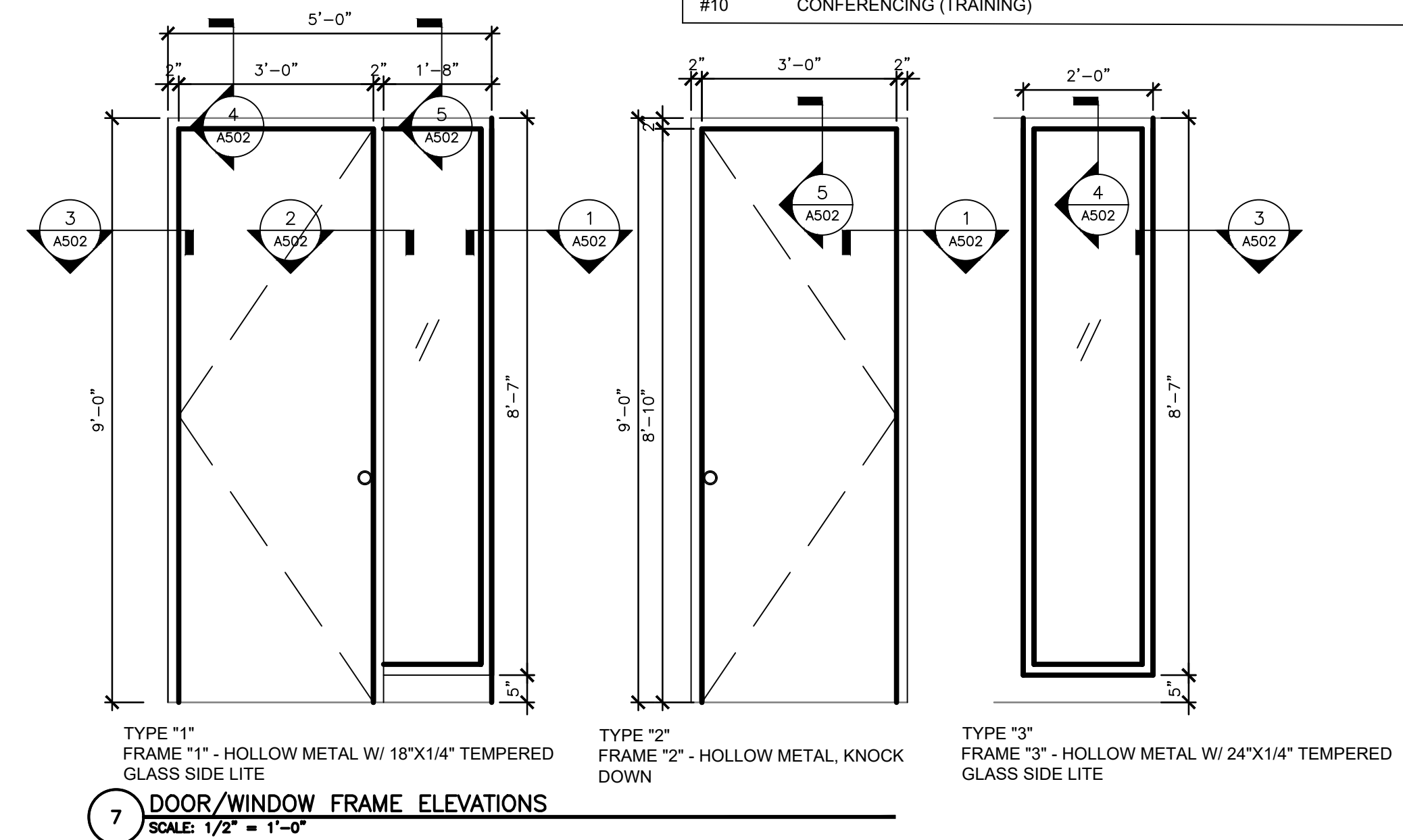
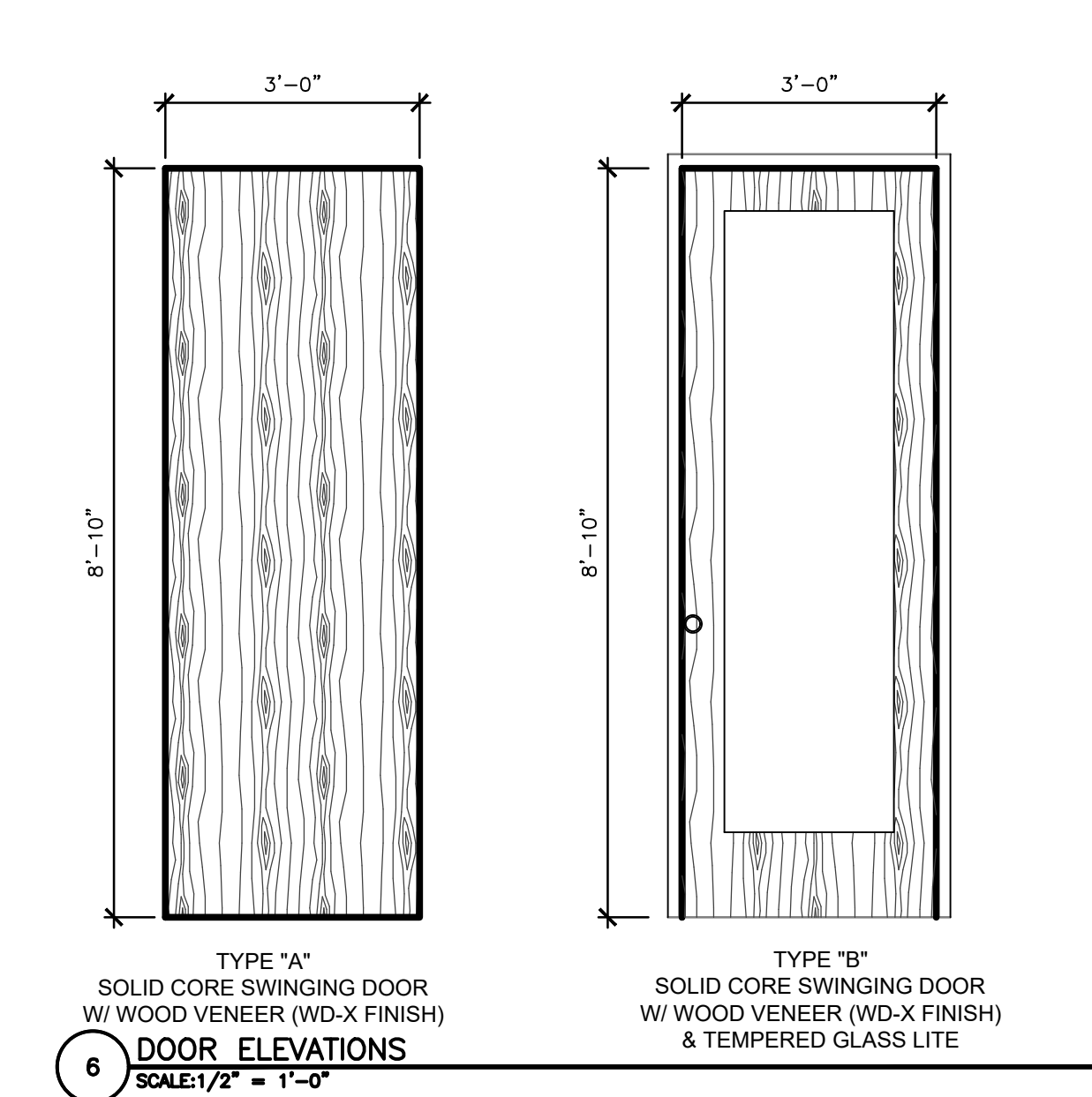
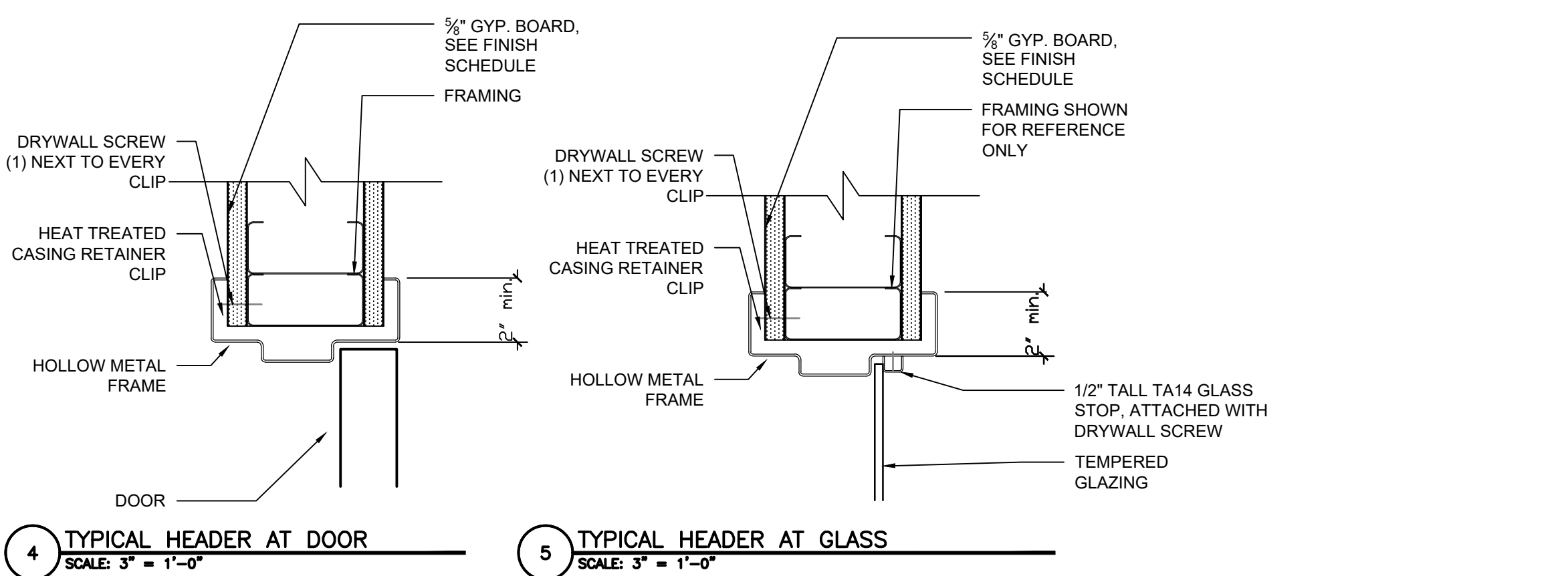
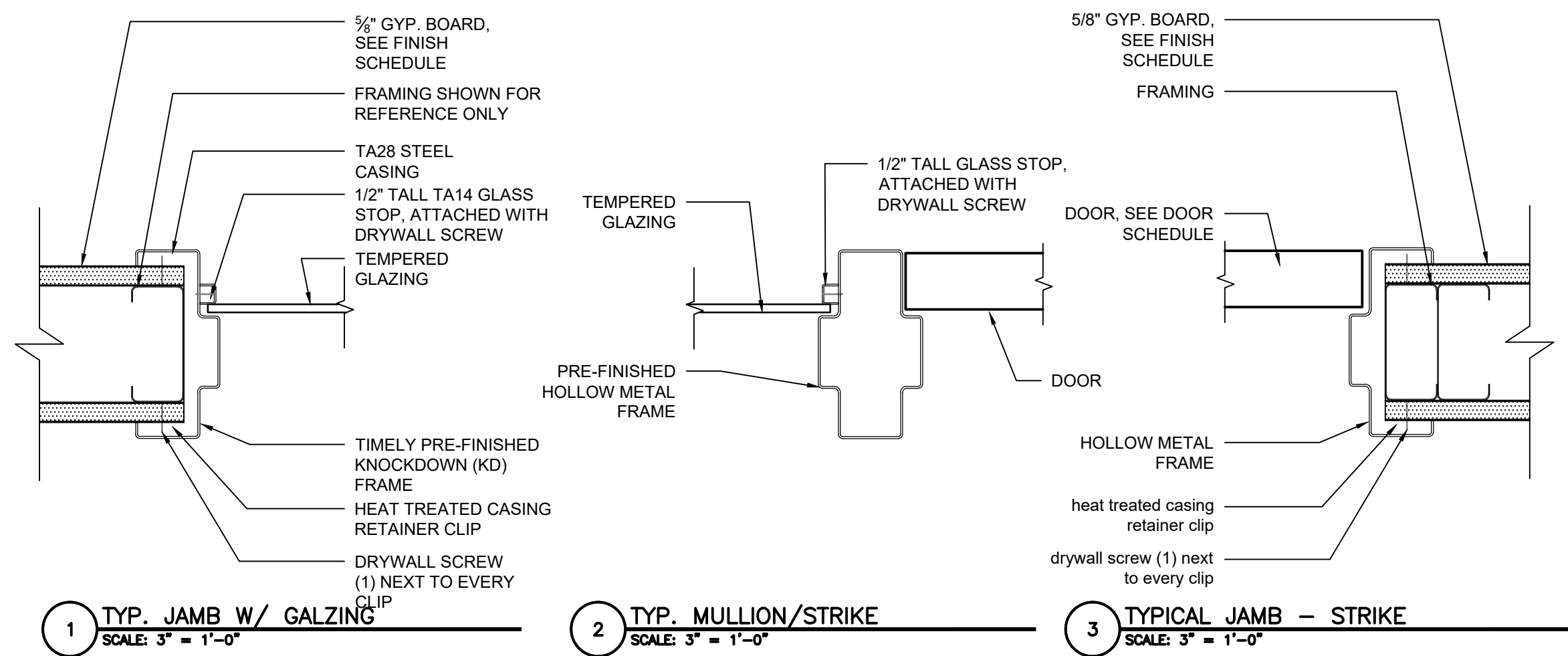


2 GLASS ENTRY SECTION THRU DOOR
SCALE: 1 1/2" = 1'-0"

3 GLASS ENTRY SECTION THRU FIXED PANEL
SCALE: 1 1/2" = 1'-0"



4 JUDGES BENCH PLATFORM DETAIL
SCALE: 3/4" = 1'-0"



DOOR HARDWARE LEGEND:

NOTE: REUSE EXISTING HARDWARE WHERE FEASIBLE, REPLACE ALL HARDWARE THAT IS WORN, DAMAGED, OR NOT FULLY FUNCTIONAL.
NOTE: REFER TO SPECIFICATION SECTION 087100 FOR HARDWARE DETAIL.
NOTE: ALL COMPONENTS OF OPENING ASSEMBLIES TO BE C.F.C.I. UNLESS SPECIFICALLY NOTED OTHERWISE IN THE HARDWARE GROUP.

HARDWARE GROUP #1: EXISTING HARDWARE TO REMAIN MODIFY EXISTING HARDWARE AS REQUIRED TO ACHIEVE NEW SECURITY REQUIREMENTS INCLUDING AN ELECTRIFIED LOCKSET/PANIC/HINGE. LEVER STYLE, TRIM, & PROFILE TO MATCH SUITE STANDARD.

HARDWARE GROUP #2: SINGLE DOOR W/ ACCESS CONTROL
LOCATION: MDF/IDF, IT WORK ROOM, STORAGE, MAIL ROOMS.
3 HINGES
1 CONCEALED ELECTRIC POWER TRANSFER DEVICE
1 ELECTRIFIED LOCKSET, STOREROOM FUNCTION
1 FLOOR-MOUNTED DOOR STOP
3 DOOR SILENCERS
1 DOOR CLOSER
1 CARD-READER - PROVIDED BY OTHERS

HARDWARE GROUP #3: SINGLE DOOR W/ PASSAGE
LOCATION: OFFICE, CONFERENCE ROOM, HULLER ROOM, BREAK ROOM, INTERVIEW/PHONE ROOMS, TRAINING ROOMS.
3 HINGES
1 CYLINDRICAL LEVER HANDLE, PASSAGE FUNCTION.
1 FLOOR-MOUNTED DOOR STOP
3 DOOR SILENCERS

HARDWARE GROUP #4: SINGLE DOOR W/ PRIVACY
RESTROOMS, MOTHERS ROOM
3 HINGES
1 CYLINDRICAL LEVER HANDLE, PRIVACY FUNCTION.
1 FLOOR-MOUNTED DOOR STOP
3 DOOR SILENCERS

HARDWARE GROUP #5: SINGLE DOOR W/ STORAGE
LOCATION: STORAGE ROOMS/ CLOSETS
3 HINGES
1 CYLINDRICAL LEVER HANDLE, STOREROOM FUNCTION.
1 FLOOR-MOUNTED DOOR STOP
3 DOOR SILENCERS

KEYING:
QUANTITIES:
4 GRAND MASTER KEYS FOR KNOXBOX & FACILITIES.
2 SUB-MASTER KEYS FOR EACH LOCKSET
1 CARD KEY IN KNOXBOX

KEYWAY: SC4 (6 PIN C)

NOTE: ALL CARD READER DOORS SHOULD BE KEYED TO THE BUILDING GRAND MASTER. EACH DOOR SHALL BE KEYED SEPARATELY.

GROUPS (CHANGE KEYS):
#1 ENTRY DOORS (EXTERIOR, LOBBY, STAIRS, ECT)
#2 JANITORIAL
#3 NETWORK ROOMS
#4 MOTHERS
#5 FACILITIES
#7 ENTRY (STAIRWELL)
#8 BUILDING MAINTENANCE (ELECTRICAL)
#9 STORAGE
#10 CONFERRING (TRAINING)

GENERAL NOTES:

- FIELD VERIFY ACCURACY OF ALL CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- REPAIR FINISH ON ALL EXISTING DOORS TO REMAIN WITHIN SCOPE OF WORK, INCLUDING FILLING, SANDING, STAINING, AND/OR REFINISHING AS REQUIRED TO RETURN DOOR TO AS NEW APPEARANCE.
- CONFIRM ALL BUILDING STANDARDS FOR DOOR ASSEMBLIES WITH BUILDING OWNER INCLUDING BUT NOT LIMITED TO: DOOR SIZE, MATERIAL, AND FINISH; HARDWARE STYLE, FUNCTION, AND FINISH; AND FRAME SIZE, TYPE, AND FINISH.
- FIELD VERIFY ALL DOOR AND FRAME SIZES PRIOR TO FABRICATION AND INSTALLATION.
- BUILDING STANDARD - ALL EXPOSED HARDWARE EXCEPT PANICS, CONTINUOUS GEARED HINGES, CLOSERS, PUSH/PULL & FLAT GOODS SHALL BE DULL CHROME (US26D). PANICS SHALL HAVE A FLAT CHROME TRIM & DULL STAINLESS PUSH PADS W/ DEVICE CASES OF EXTRUDED ALUM W/ A DULL CHROME FINISH. PUSH/PULLS & FLAT GOODS SHALL BE DULL STAINLESS STEEL (US32D). CLOSER & COVERS SHALL BE PAINTED TO MATCH DULL CHROME. CONTINUOUS GEARED HINGES SHALL BE CLEAR ANODIZED ALUMINUM (US28).
- BUILDING STANDARD - CYLINDRICAL LOCKSET: SCHLAGE ALX10 SERIES "ATHENS" LEVER HANDLE & ROSE IN SATIN CHROME. MORTISE LOCKSET: SCHLAGE L SERIES GRADE 1 MORTISE LOCK W/ 07 LEVER HANDLE & B ROSE (UNO) IN SATIN CHROME. A 24VDC FAIL SECURE (ALLOWS EXITING OUT OF A BUILDING DURING NORMAL OPERATION AND LIFE SAFETY EVENT) ELECTRIFIED LOCKSET SHALL BE UTILIZED WITH A CONCEALED ELECTRIC TRANSFER POWER DEVICE BETWEEN DOOR & FRAME. BASIS OF DESIGN: SECURITRON CEPT-10-630 & SDC SECURITY PTM-10AL, EITHER WITH 4 CONDUCTORS. PANIC BAR BASIS OF DESIGN SHALL BE VON DUPRIN 98 SERIES (SMOOTH MECHANISM CASE) W/ QEL (QUIET LATCH RETRACTION - 1.5A MAX INRUSH) & BUILT IN REX (REQUEST TO EXIT).
- THE CARD READERS SHALL BE HID ICLASS SE. FINAL CARD READER MODEL NUMBER SHALL BE DETERMINED BY OWNER'S SECURITY.
- HINGE BASIS OF DESIGN SHALL BE BASIS OF DESIGN OF HAGER FULL MORTISE, FIVE KNUCKLE, BALL BEARING HINGE 4.5" X 4.5" STANDARD WEIGHT. WHERE REQUIRED, ELECTRIFIED HINGE SHALL INCLUDE (8) 22GA & (2) 18GA WIRES. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.
- DOOR MANAGEMENT ALARM SHALL BE COORDINATED WITH OWNER'S FORCES
- WOOD DOOR SPECIFICATION: MATCH EXISTING BUILDING STANDARD SPECIES, SLICE, MATCH, STAIN, AND FINISH. (WD-1) REFER TO SPECIFICATIONS FOR FINISH.
- CONFIRM W/ BUILDING OWNER IF A BUILDING STANDARD HARDWARE FINISH IS REQUIRED & ADVISE IF DIFFERENT THAN BUILDING STANDARDS.
- ALL DOORS 7'-6" HIGH OR TALLER TO RECEIVE TWO (2) PAIR OF HINGES. ALL DOORS LESS THAN 7'-6" HIGH TO RECEIVE ONE AND A HALF (1-1/2) PAIR OF HINGES.
- CONFIRM DOOR FUNCTION REQUIREMENTS AT ALL SCHEDULED WITH BUILDING OWNER.
- COORDINATE KEYING WITH BUILDING OWNER.
- COORDINATE SECURITY REQUIREMENTS AND SCOPE OF WORK WITH OWNER
- U.N.O. PAINT ALL EXISTING AND NEW HOLLOW METAL DOOR FRAMES. COORDINATE COLOR WITH OWNER. REFER TO DOOR SCHEDULES.
- DOOR SILENCER BASIS OF DESIGN: HAGER 307D. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.
- REFER TO FINISH LEGEND FOR DOOR, FRAME, AND HARDWARE FINISH INFORMATION.
- ALL HARDWARE AND ASSEMBLIES IN RATED OPENINGS TO COMPLY WITH WITH REQUIRED OPENING ASSEMBLY RATING.
- DOOR OPERATING DEVICES AND ANY SPECIAL LOCKING ARRANGEMENTS TO COMPLY WITH ALL ENFORCED BUILDING CODES, ICC/ANSI 117.1 AND ALL LOCAL, STATE, AND NATIONAL ACCESSIBILITY REQUIREMENTS.
- ALL LOCKS TO BE PROVIDED WITH CYLINDERS, & PERMANENT, COMBINATED CORES. PERMANENT CORES & KEYS (PREPARED ACCORDING TO THE APPROVED KEYING SCHEDULE) SHALL BE SHIPPED DIRECTLY TO THE OWNER VIA REGISTERED MAIL. OWNER WILL RELEASE PERMANENT CORES TO THE CONTRACTOR FOR INSTALLATION AS REQUIRED.
- CONTRACTOR SHALL CONDUCT A KEYING CONFERENCE AT THE PROJECT SITE PRIOR TO FINAL HARDWARE/KEYING SCHEDULE SUBMITTAL APPROVAL. ATTENDEES SHALL INCLUDE OWNER'S REPRESENTATIVE, CONTRACTOR, & HARDWARE VENDOR/INSTALLER, THE BUILDING/SECURITY REP & FACILITIES REP SHALL ALSO BE INVITED. INCORPORATE ANY KEYING CONFERENCE DECISIONS INTO THE FINAL KEYING SCHEDULE.
- CONTRACTOR SHALL CONDUCT A HARDWARE PRE-INSTALLATION CONFERENCE AT THE PROJECT SITE PRIOR TO INSTALLATION OF HARDWARE. ATTENDEES SHALL INCLUDE OWNER'S REPRESENTATIVE, CONTRACTOR, & HARDWARE VENDOR/INSTALLER, FIRE ALARM & ELECTRICAL/SECURITY SYSTEM PROVIDER.
- COORDINATE WITH OWNERS SECURITY CONSULTANT TO ENSURE ALL EQUIPMENT IS INSTALLED SUCH THAT EMERGENCY MEANS OF EGRESS DOORS EQUIPPED WITH MAGNETIC LOCKS, KEY PAD, PUSH BUTTONS COMBINATION LOCKS OR OTHER SPECIAL LOCKING DEVICES SHALL, IN THE EVENT OF AN EMERGENCY, AUTOMATICALLY RELEASE AND OPEN IN ACCORDANCE WITH ENFORCED BUILDING CODE REQUIREMENTS.
- ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM SHALL AUTOMATICALLY UNLOCK THE DOORS AND THE DOORS SHALL REMAIN UNLOCKED UNTIL THE FIRE ALARM SYSTEM HAS BEEN RESET.
- ACTIVATION OF THE BUILDING AUTOMATIC SPRINKLER SYSTEM SHALL AUTOMATICALLY UNLOCK THE DOORS AND THE DOORS SHALL REMAIN UNLOCKED UNTIL THE FIRE ALARM SYSTEM HAS BEEN RESET.

SECURITY HARDWARE DEVICE ROUGH-IN:

KEY NOTES:

- ELECTRIFIED LEVER MORTISE LOCKSET. DRILL PATHWAY FOR WIRE; COORDINATE WITH DOOR SUPPLIER. 1A: ELECTRIFIED PANIC EXIT DEVICE. DRILL WIRE FOR PATHWAY FOR WIRE; COORDINATE WITH DOOR SUPPLIER.
- DOOR CONTACT
1" DIA ROUGH-IN HOLE DRILLED INTO FRAME AS SHOWN. 1" CONDUIT STUBBED INTO DOOR FRAME AND EXTENDING ABOVE CEILING W/ 90 DEG BEND & BUSHING.
- CARD/BADGE READER
(1) FLUSH-MOUNTED SINGLE-GANG BOX INSTALLED VERTICAL ON SECURE SIDE OF WALL. 1" CONDUIT INSTALLED W/ WALL FROM BOX TO ABOVE CEILING W/ 90 DEG BEND & CONNECTION TO JBOX.
- MOTION REQUEST TO EXIT (REX)
(1) FLUSH-MOUNTED SINGLE-GANG BOX INSTALLED HORIZONTALLY ON UNSECURE SIDE OF WALL/CEILING ABOVE & CENTERED ON DOOR. 1" CONDUIT INSTALLED W/ WALL FROM BOX TO ABOVE CEILING W/ 90 DEG BEND & CONNECTION TO JBOX.
- REQUEST TO EXIT (REX) BUILT INTO ELECTRIC LEVER/PANIC HARDWARE.
- POWER TRANSFER DEVICE (PTD)
LOCATED @ NEW DOOR. 1" CONDUIT INSTALLED W/ WALL FROM PTD TO ABOVE CEILING W/ 90 DEG BEND & CONNECTION TO JBOX.
- POWER TRANSFER DEVICE LOOP (PTDL) (OPTIONAL)
LOCATED @ EXISTING ENTRANCE DOOR W/ NEW ELECTRIFIED HARDWARE. 1" CONDUIT INSTALLED W/ WALL FROM PTDL TO ABOVE CEILING W/ 90 DEG BEND & CONNECTION TO JBOX.
- NEW DOOR W/ REUSED HINGES. REPLACE (1) EXISTING HINGE W/ ELECTRIFIED HINGE. 1" CONDUIT INSTALLED W/ WALL FROM HINGE TO ABOVE CEILING W/ 90 DEG BEND & CONNECTION TO JBOX.
- DOOR MANAGEMENT ALARM (DMA) OR KEYPAD (WHERE REQUIRED) (1) FLUSH-MOUNTED DOUBLE-GANG BOX INSTALLED ON EXTERIOR SIDE WALL. 1" CONDUIT INSTALLED W/ WALL FROM BOX TO ABOVE CEILING W/ 90 DEG BEND & CONNECTION TO JBOX.
- EXIT SIGN (WHERE REQUIRED)
- CONCEALED VERTICAL RODS (DOUBLE DOORS)
- INSTALL CARD READER ON STOREFRONT MULLION (NARROW WIDTH), SECURE SIDE OF DOOR.
- TYPICAL SIDE LITE FRAME FRAME/GLAZING (SEE SCHEDULE FOR LOCATION).
LOCATION OF CARD/BADGE READER TAKEN FROM EDGE OF SIDELITE FRAME.
- 3"x3" JBOX INSTALLED ABOVE CEILING IN WALL, NO MORE THAN 12" AWAY FROM DOOR. 1" CONDUIT EXTENDING OUT TOP 6" MIN & BUSHING.
- AUTOMATIC FLUSH BOLTS (TOP & BOTTOM)
- DOOR STRIKE POSITION W/ 1" CONDUIT INSTALLED FROM STRIKE THROUGH DOOR FRAME TO ABOVE CEILING W/ 90 DEG BEND & CONNECTION TO JBOX.

SECURITY HARDWARE DEVICE ROUGH IN GENERAL NOTES:

- TYPICAL ROUGH-IN DETAILS NOTED. REFER TO A504 & A505 DOOR TYPE/SWING, FRAME, HARDWARE GROUPS, & SCHEDULE(S). CONTACT OWNER PROJECT MANAGER WITH ROUGH-IN QUESTIONS.
- CONTRACTOR SHALL PROVIDE CONDUIT ROUGH-IN FOR COMPLETE ASSEMBLY ALONG WITH CONDUCTORS TO DOOR FRAME W/ SUFFICIENT LENGTH FOR OTHERS TO COMPLETE FINAL TERMINATION. ALL DOOR HARDWARE (MANF PROVIDED WIRING), TERMINATION & HARDWARE INSTALLATION WILL BE BY OTHERS.
- ON PROJECTS WITH EXISTING DOOR ASSEMBLIES, SOME COMPONENTS OF SECURITY DOOR HARDWARE MAY REMAIN. COORDINATE W/ ARCHITECT & SECURITY VENDOR.



Brad M. Schaefer - Architect
MO# A-2009027294



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BID
DOCUMENTS

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
OFFICE OF ADMINISTRATION

INTERIOR REMODEL
ST. LOUIS COUNTY
REGIONAL STATE OFFICE
BUILDING
1390 TIMBERLAKE MANOR
PKWY
CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
ASSET #

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 11/7/2024

CAD DWG FILE: A-503_O2521-01
DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
FIRST, SECOND, AND
FOURTH FLOOR
DOOR SCHEDULE

SHEET NUMBER:

A-503

12 OF 50 SHEETS
11/7/2024

FIRST FLOOR DOOR AND FRAME SCHEDULE

NO.	ROOM NAME	DOOR				FRAME						FIRE RATING LABEL	HARDWARE		REMARKS			
		SIZE			MATL	GLAZING	TYPE	FINISH	MATL	EL	FINISH		DETAIL (A-502)			SET NO	KEYSIDE RM NO	
		WD	HGT	THK									HEAD	JAMB				SILL
101	VESTIBULE (102) EXISTING	6'-0"	9'-0"	---	HMSF	GLASS/EXIST	HMSF	EXIST	AL	---	AL	---	---	---	1	EXTERIOR	1 & 2	
102	VESTIBULE (102) EXISTING	6'-0"	9'-0"	---	HMSF	GLASS/EXIST	HMSF	EXIST	AL	---	AL	---	---	---	1	102	1 & 2	
103	ELEVATOR LOBBY (100) EXISTING	6'-0"	9'-0"	---	GL	GLASS/EXIST	GL	EXIST	---	---	SS	---	---	---	1	100	1 & 2	
104	WOMEN'S RESTROOM (105) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	3	---	1	
105	MEN'S RESTROOM (106) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	3	---	1	
106	UTILITY (155) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	104	1	
107	ELECTRIC (154) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	144	1	
108	JANITOR (107) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	104	1	
109	DATA (109) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	2	174	1 & 2	
110	DATA (110) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	2	174	1 & 2	
111	CORRIDOR (174) EXISTING	3'-0"	8'-10"	1 3/4"	MTL	---	---	EXIST.MTL	AL	---	AL	---	---	---	1	EXTERIOR	1 & 2	
112	FIRE CONTROL (115) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	174	1 & 2	
113	BREAK ROOM (112) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	2	101	3, 4 & 6	
114	STORAGE (114) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	1	112	1	
115	UTILITY (108) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	103	1	
116	UTILITY (108) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	103	1	
117	STAIR (S02) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	174	1 & 2	
118	STAIR (S01) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	104	1 & 2	
119	STORAGE (180) EXISTING	5'-0"	8'-10"	1 3/4"	WD	---	---	EXIST.STAIN	HM	---	PT	---	---	20 MIN.	1	104	3, 4 & 6	
120	CONFERENCE (104) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	1	---	1	
121	RECEPTION (116) EXISTING	3'-0"	8'-10"	---	GL	---	GL-EXIST	GL	---	---	---	---	---	---	101	1 & 2		
122	CONFERENCE (117) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	---	B	EXIST.STAIN	HM	2	---	---	---	---	---	---	1	
123	OFFICE (118) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	---	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
124	OFFICE (119) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	---	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
125	STORAGE (120) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
126	STORAGE (120) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
127	OFFICE (126) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
128	OFFICE (122) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
129	OFFICE (127) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
130	OFFICE (123) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
131	OFFICE (128) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
132	OFFICE (129) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
133	OFFICE (124) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
134	OFFICE (125) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
135	OFFICE (130) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
136	OFFICE (131) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	1	
137	OFFICE (133) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	
138	OFFICE (134) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	
139	OFFICE (135) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	
140	OFFICE (136) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	
141	OFFICE (137) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	
142	OFFICE (138) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	
143	CORRIDOR (140) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	140	3, 4, 6 & 7
144	STORAGE (180) EXISTING	6'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	---	PT-4	4	3	---	20 MIN.	2	140	3, 4, 6 & 7
145	DATA (111) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	180	3, 4, 6 & 7
146	CORRIDOR (140) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	140	3, 4, 6 & 7
147	OFFICE (142) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	
148	OFFICE (143) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	
149	CORRIDOR (104) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	2	104	1, 2 & 6	
150	CORRIDOR (104) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	2	104	1, 2 & 6	
151	STORAGE (145) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	---	144	1
152	CONFERENCE ROOM (146) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	7
153	OFFICE (153) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	---	3	7
154	OFFICE (147) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	---	3	7
155	OFFICE (148) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	---	3	7
156	OFFICE (149) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	---	3	7
157	OFFICE (150) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	---	3	7
158	OFFICE (151) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	---	3	7
159	OFFICE (152) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	---	3	7
160	CORRIDOR (104) EXISTING	5'-0"	8'-10"	1 3/4"	WD	---	---	EXIST.STAIN	HM	---	PT	---	---	20 MIN.	2	104	1, 2 & 6	
161	CONFERENCE ROOM (157) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
162	OFFICE (159) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
163	OFFICE (160) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
164	OFFICE (164) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	1
165	OFFICE (167) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	1
166	CONFERENCE ROOM (161) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
167	UTILITY (162) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
168	CORRIDOR (156) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	104	3, 4, 6 & 7
169	MOTHER'S ROOM (113) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	4	113	1 & 5	
170	WORKSPACE (165) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	181	3, 4, 6 & 7
171	OFFICE (166) EXISTING	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	---	3	1
172	OFFICE (167) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
173	OFFICE (168) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
174	OFFICE (169) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
175	STORAGE (172) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
176	OFFICE (171) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
177	OFFICE (170) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
178	CORRIDOR (174) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	2	174	1, 2 & 6	
179	CORRIDOR (174) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	20 MIN.	2	174	1, 2 & 6	
180	OFFICE (177) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
181	OFFICE (178) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	EXIST.STAIN	HM	2	PT	---	---	---	---	---	3	1
182	OFFICE (179) EXISTING	3'-0"	8'-10"	1 3/4"														



Brad M. Schaefer - Architect
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**BID
DOCUMENTS**

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ST. LOUIS COUNTY
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1390 TIMBERLAKE MANOR
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CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
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REVISION: _____
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ISSUE DATE: 11/7/2024

CAD DWG FILE: A-504_O2521-01
DRAWN BY: RG
CHECKED BY: BS
DESIGNED BY: BS

SHEET TITLE:
**FIFTH FLOOR
DOOR SCHEDULE**

SHEET NUMBER:

A-504

13 OF 50 SHEETS
11/7/2024

FIFTH FLOOR DOOR AND FRAME SCHEDULE																		
NO.	ROOM NAME	DOOR				FRAME							FIRE		HARDWARE		REMARKS	
		SIZE			MATL	GLAZING	TYPE	FINISH	MATL	EL	FINISH	DETAIL (A-502/503)			RATING LABEL	SET NO		KEYSIDE RM NO
		WD	HGT	THK								HEAD	JAMB	SILL				
501	ELEVATOR LOBBY (500) EXISTING	6'-0"	9'-0"	---	GL	GLASS/EXIST	GA	---	---	---	---	---	---	---	1	500	1 & 2	
502	ELEVATOR LOBBY (500) EXISTING	6'-0"	9'-0"	---	GL	GLASS/EXIST	GA	---	---	---	---	---	---	---	1	500	1 & 2	
503	WOMEN'S RESTROOM (504) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	EXIST	---	---	---	---	---	1	---	8	
504	MEN'S RESTROOM (503) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	EXIST	---	---	---	---	---	1	---	8	
505	UTILITY (512) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	EXIST	---	---	---	---	---	1	502	8	
506	UTILITY (507) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	EXIST	---	---	---	---	---	1	502	8	
507	DATA (508) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	EXIST	---	---	---	---	---	1	502	3 & 8	
508	CORRIDOR (502)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	502	3, 4 & 6
509	JANITOR (506)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	5	502	
510	BREAKROOM (510)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	502	3, 4 & 6
511	BREAKROOM (510)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	501	3, 4 & 6
512	STORAGE (511)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	5	537	
513	STORAGE (539)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	5	537	
514	CORRIDOR (501)	6'-0"	9'-0"	---	GL	TEMPERED	GA	---	---	---	SS	2	---	2	---	2	501	3, 4 & 6
515	OFFICE (538)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
516	WORKROOM (540)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	3		
517	WAITING (543)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	2	543	3, 4 & 6
518	OFFICE (541)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
519	OFFICE (542)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
520	MEETING (546)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
521	MEETING (547)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
522	MEETING (548)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
523	CONFERENCE (545)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	1	PT-4	4	3-1	---	---	3		
524	CORRIDOR (502)	6'-0"	9'-0"	---	GL	TEMPERED	GA	---	---	---	SS	2	---	2	---	2	502	3, 4 & 6
525	WAITING (543)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	1	PT-4	4	3-1	---	---	2	543	3, 4 & 6
526	RECEPTIONIST (544)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	2	549	3, 4 & 6
527	JUDGE (562)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
528	CHIEF JUDGE (550)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
529	JUDGE (561)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
530	JUDGE (551)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
531	JUDGE (560)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
532	JUDGE (552)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
533	JUDGE (559)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
534	JUDGE (553)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
535	JUDGE (558)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
536	JUDGE (554)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
537	JUDGE (557)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
538	HEARINGS (555)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
539	HEARINGS (556)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
540	CORRIDOR (502)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	502	3, 4 & 6
541	RECEPTIONIST (563)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	1	PT-4	4	3-1	---	20 MIN.	2	502	3, 4 & 6
542	OFFICE (565)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
543	OFFICE (564)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
544	CONFERENCE ROOM (566)	6'-0"	9'-0"	---	GL	TEMPERED	GB	---	---	---	SS	2	---	2	---	2	502	3, 4 & 6
545	CORRIDOR (502)	6'-0"	9'-0"	---	GL	TEMPERED	GA	---	---	---	SS	2	---	2	---	2	502	3, 4 & 6
546	OFFICE (515)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
547	OFFICE (516)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
548	OFFICE (517)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
549	OFFICE (518)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
550	OFFICE (519)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
551	OFFICE (520)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
552	OFFICE (521)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
553	OFFICE (522)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
554	OFFICE (523)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
555	WORKROOM (524)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	3		
556	DATA (509) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	EXIST	---	---	---	---	---	1	502	3 & 8	
557	CORRIDOR (501)	6'-0"	9'-0"	---	GL	TEMPERED	GA	---	---	---	SS	2	---	2	---	2	501	3, 4 & 6
558	RECEPTIONIST (525)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	2	532-525	3 & 4
559	OFFICE (531)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
560	OFFICE (530)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
561	OFFICE (529)	3'-0"	8'-10"	1 3/4"	GL	TEMPERED	GC	---	---	---	SS	2	---	2	---	3		
562	OFFICE (528)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	2	525	3, 4 & 6
563	STORAGE (527)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	5		
564	BREAK ROOM (526)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	3		
565	RESTROOM (505)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	---	4		
566	CORRIDOR (502)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	567	3, 4 & 6
567	CONFERENCE ROOM (532)	6'-0"	9'-0"	---	GL	TEMPERED	GE	---	---	---	---	2	3	2	---	2	501	3, 4 & 6
568	CORRIDOR (501)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	1	PT-4	4	3-1	---	20 MIN.	2	501	3, 4 & 6
569	OFFICE (535)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
570	OFFICE (534)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	---	3		
571	OFFICE (571)	3'-0"	8'-10"	1 3/4"	WD-GL	TEMPERED	B	STAIN	HM	2	PT-4	4	3	---	20 MIN.	2	501	3, 4 & 6
572	MOTHER'S ROOM (569)	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	2	PT-4	4	3	---	20 MIN.	4	569	5
573	STAIR (S02) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	---	PT-4	---	---	---	20 MIN.	1	502	1, 2 & 8
574	STAIR (S01) EXISTING	3'-0"	8'-10"	1 3/4"	WD	---	A	STAIN	HM	---	PT-4	---	---	---	20 MIN.	1	502	1, 2 & 8

DOOR SCHEDULE REMARKS:

- EXISTING DOOR AND FRAME TO REMAIN. COORDINATED KEYING WITH BUILDING OWNER.
- NEW CARD READER FOR ACCESS CONTROL OF EXISTING OPENING. CAR READER AND INSTALL TO BE DONE BY OWNER.
- NEW CARD READER AND ELECTRIC LOCKSET FOR ACCESS CONTROL OF NEW OPENING. COORDINATE SECURITY REQUIREMENTS AND DOOR FUNCTION WITH BUILDING OWNER.
- SEE A502 SHEET FOR ACS SECURITY CONTROL ROUGH-IN DETAILS.
- MOTHERS ROOM LEVER LOCKSET SHALL BE FAIL SECURE SOLENOID CONTROLLED DEADBOLT MONITORS THE FULL EXTENSION OF THE DEADBOLT DISABLING THE ELECTRICAL CONTROL OF THE FAIL SECURE LOCKSET LOCKING THE OUTSIDE TRIM. RETRACTING THE DEADBOLT WILL ENABLE THE ELECTRICAL CONTROL FREE EGRESS AT ALL TIMES.
- EMERGENCY EXIT BUTTON ON EGRESS SIDE PER ACCESS CONTROL REQUIREMENTS.
- INSTALL OWNER PROVIDED DOOR IN NEW H.M. FRAME. CONFIRM SIZE, SWING, AND CONDITION OF DOOR PRIOR TO INSTALL. NOTIFY OWNER OF CONFLICTS.
- INSTALL NEW DOOR IN EXISTING FRAME UTILIZING EXISTING HARDWARE. REMOVE EXISTING DOOR AND COORDINATE KEYING AND SECURITY WITH OWNER.



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CHESTERFIELD, MO 63017

PROJECT # O2521-01

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DATE: _____

ISSUE DATE: 11/7/2024

CAD DWG FILE: I-101_O2521-01

DRAWN BY: XX

CHECKED BY: XX

DESIGNED BY: XX

SHEET TITLE:

FIRST FLOOR

NEW WORK PLAN &

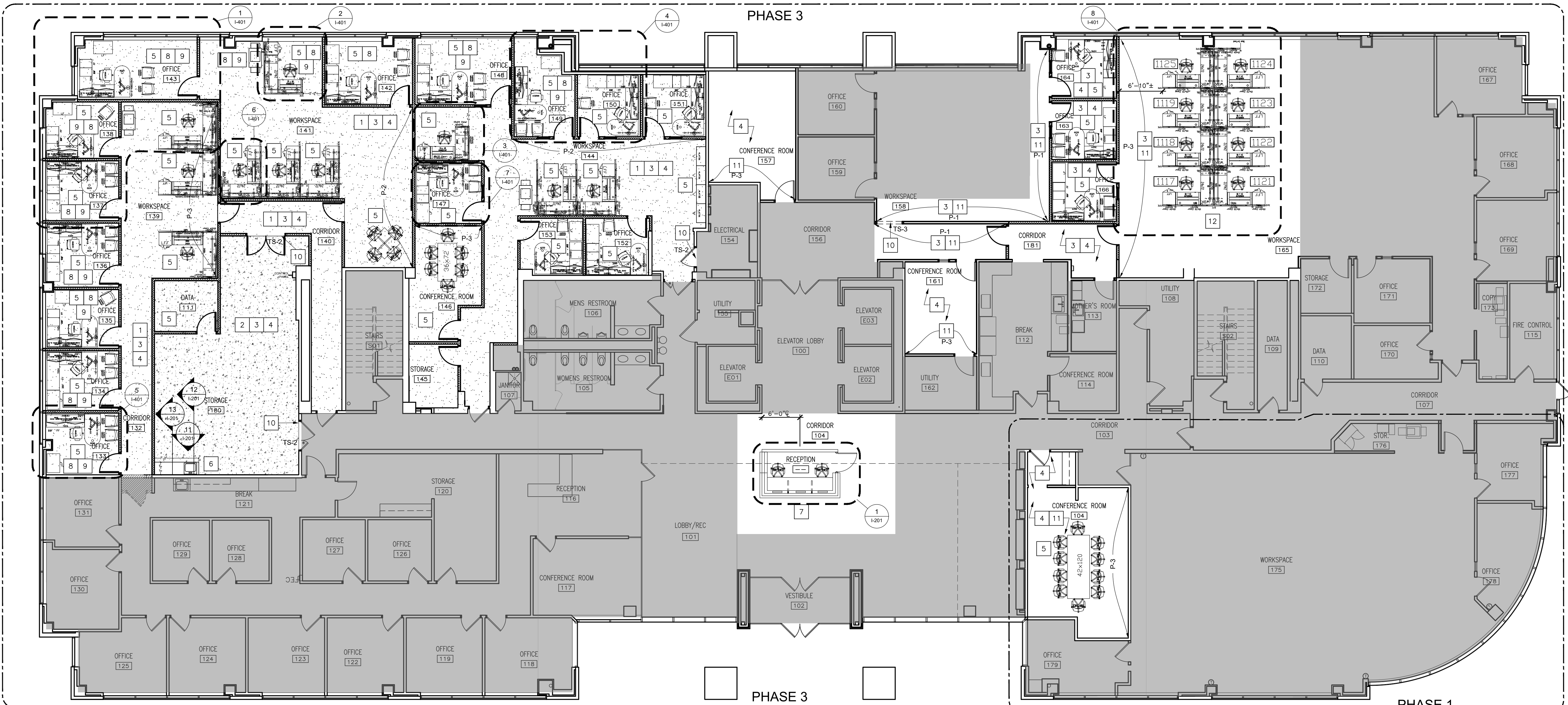
DEMO WORK PLANS

SHEET NUMBER:

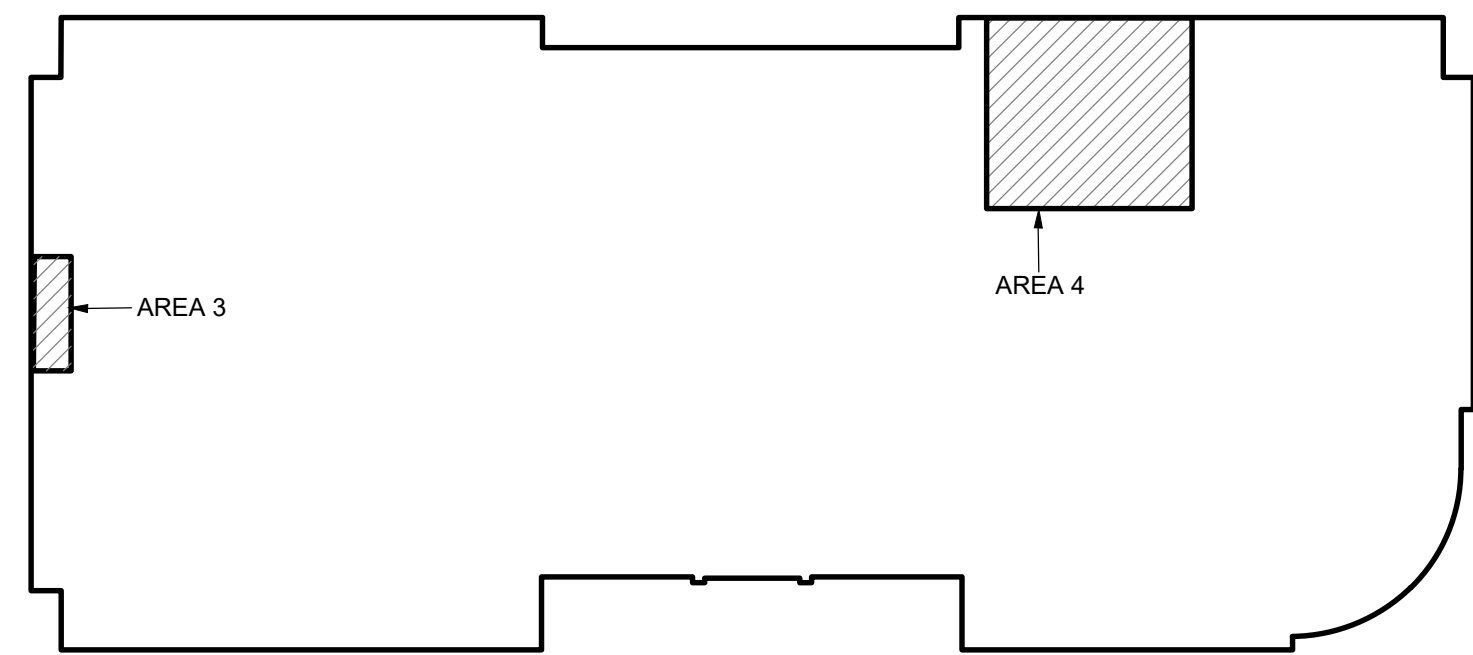
I-101

14 OF 50 SHEETS

11/7/2024

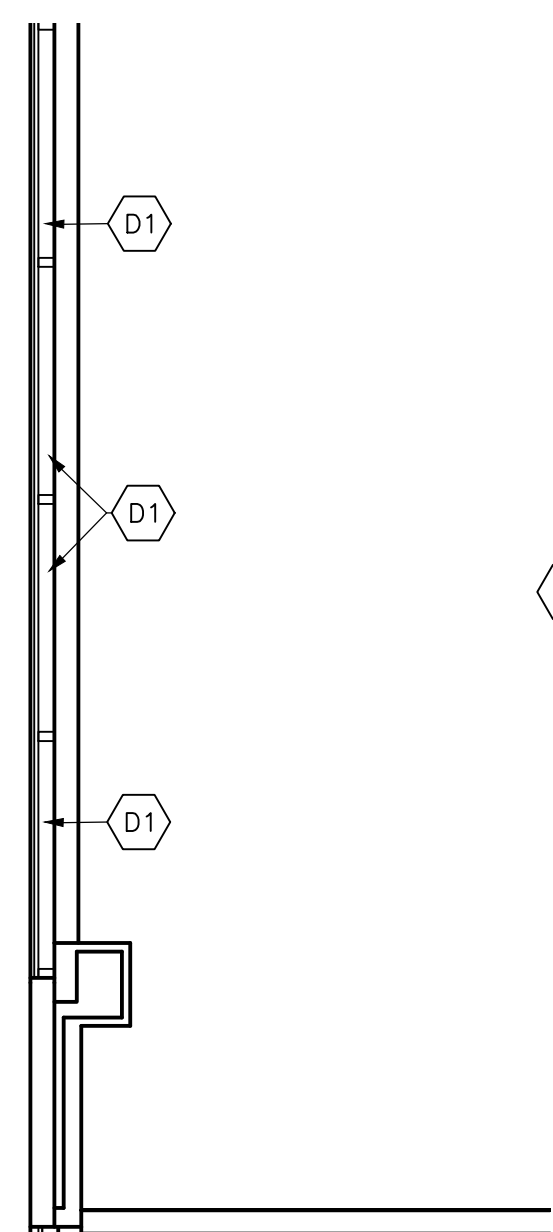


1 FIRST FLOOR NEW WORK PLAN PHASE 1 AND 3
SCALE: 1/8" = 1'-0"

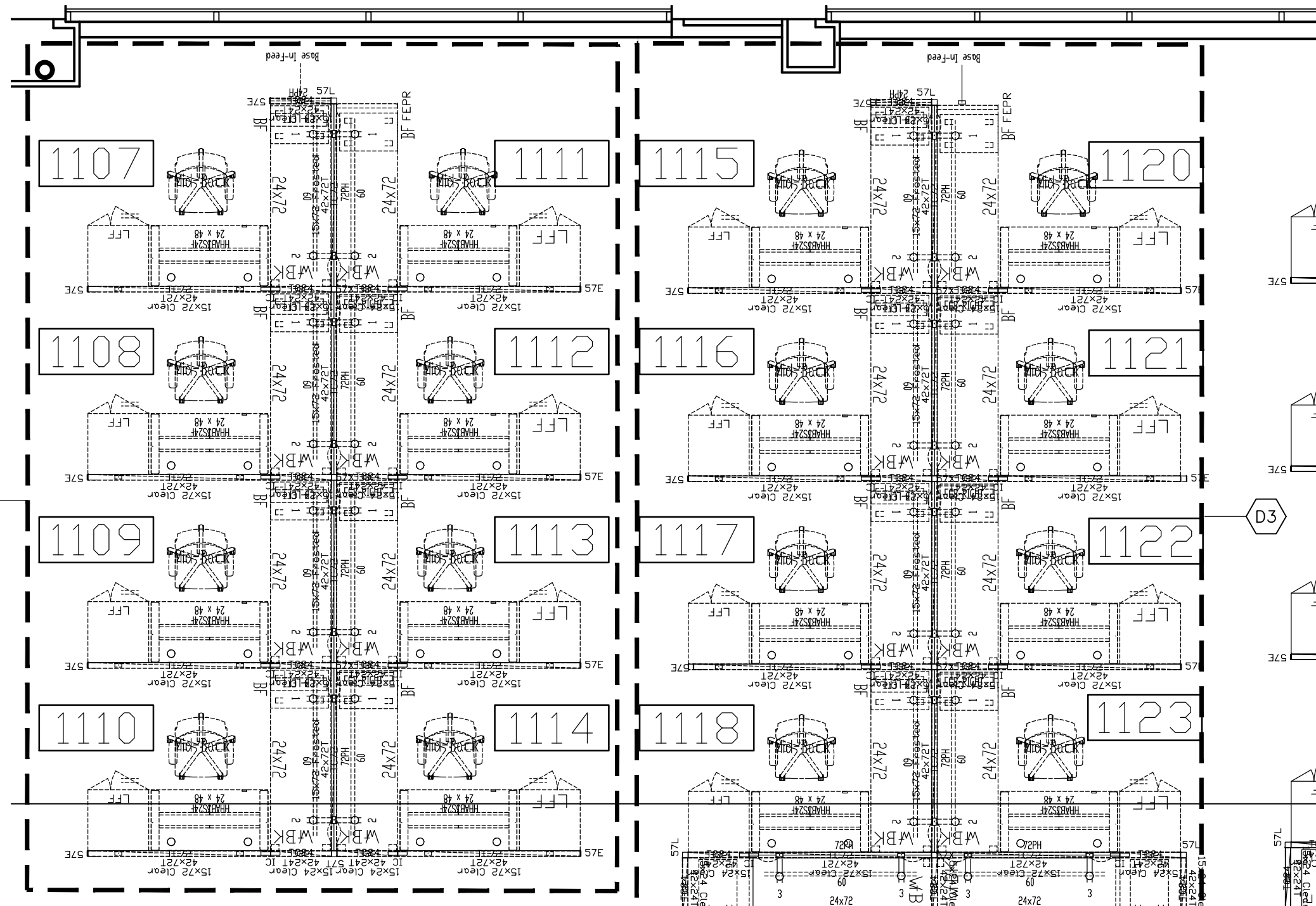


2 KEY PLAN - FIRST FLOOR DEMO WORK PHASE 1 AND 3
SCALE: 1/32" = 1'-0"

- DEMO WORK KEYNOTES:**
- D1 REMOVE EXISTING VERTICAL BLINDS.
 - D2 REMOVE EXISTING CUBICLES. SALVAGE PARTS FOR REINSTALLATION IN REVISED LAYOUT. STORE REMAINING PARTS IN DESIGNATED LOCATION ON THIRD FLOOR.
 - D3 REMOVE, SLIDE, AND MODIFY EXISTING ROW OF CUBICLES. UTILIZE SALVAGED PARTS FROM ADJACENT ROW (CUBICLES 1107-1114). RE: 8/ I-401 FOR REVISED LAYOUT.



3 DEMO PLAN AREA 3
SCALE: 1/4" = 1'-0"



4 DEMO PLAN AREA 4
SCALE: 1/4" = 1'-0"

- NEW WORK KEYNOTES:**
- 1 PROVIDE AND INSTALL NEW CARPET TILES FOR THE ENTIRE SUITE, PER SPECIFICATIONS ON FINISH SCHEDULE.
 - 2 PROVIDE AND INSTALL EPOXY FLOOR PER SPECIFICATIONS ON FINISH SCHEDULE.
 - 3 PROVIDE AND INSTALL NEW 4" VINYL WALL BASE, PER FINISH SCHEDULE. ON ALL FIXED GYPSUM BUILDING WALLS AND COLUMNS FOR ENTIRE SUITE; ADDITIONAL STAND ALONE ROOMS AND WALLS NOTED ON DRAWING SHALL ALSO RECEIVE NEW VINYL BASE.
 - 4 PAINT SUITE IN ENTIRETY PER SPECIFICATIONS ON FINISH SCHEDULE. ACCENT WALLS NOTED BETWEEN ARROWS. BASE COLOR FOR ALL OTHER WALLS.
 - 5 PROVIDE & INSTALL SYSTEMS FURNITURE, DESKING FURNITURE, CONFERENCE FURNITURE, AND LATERAL FILES TO MATCH EXISTING LINE OF SYSTEMS FURNITURE.
 - 6 PROVIDE AND INSTALL NEW CUSTOM CABINETY.
 - 7 PROVIDE AND INSTALL NEW CUSTOM SERVICE DESK.
 - 8 NEW WINDOW SILLS PER FINISH SCHEDULE
 - 9 NEW VERTICAL BLINDS PER FINISH SCHEDULE
 - 10 PROVIDE AND INSTALL FLOORING TRANSITION PER FINISH SCHEDULE.
 - 11 PATCH/ REPAIR AND PAINT WALL CORNER TO CORNER, BETWEEN ARROWS AND WITH NOTED COLOR, PER FINISH SCHEDULE.
 - 12 REVISED LOCATION AND LAYOUT OF EXISTING SYSTEMS FURNITURE GROUPING.



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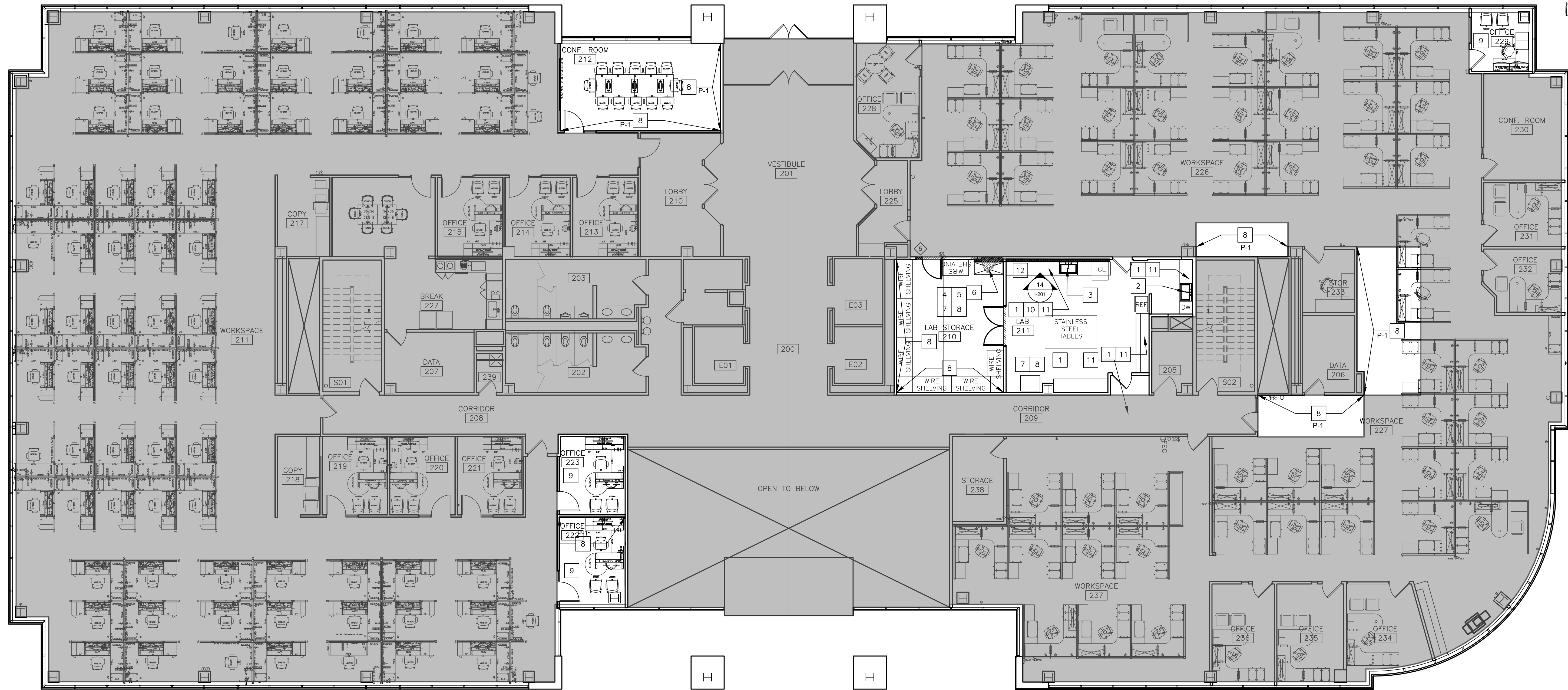
CAD DWG FILE: I-102_O2521-01
DRAWN BY: XX
CHECKED BY: XX
DESIGNED BY: XX

SHEET TITLE:
**SECOND FLOOR
NEW WORK PLAN
& DEMO WORK PLAN**

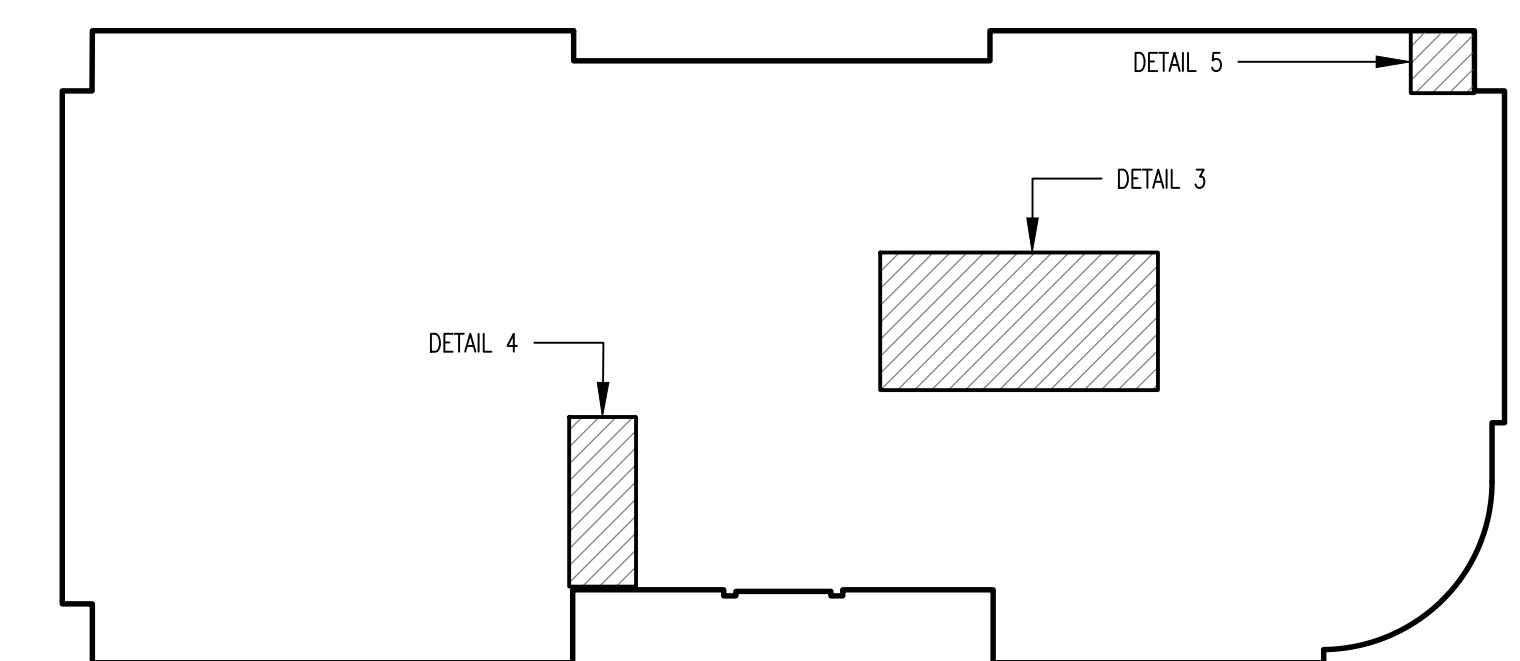
SHEET NUMBER:

I-102

15 OF 50 SHEETS
11/7/2024

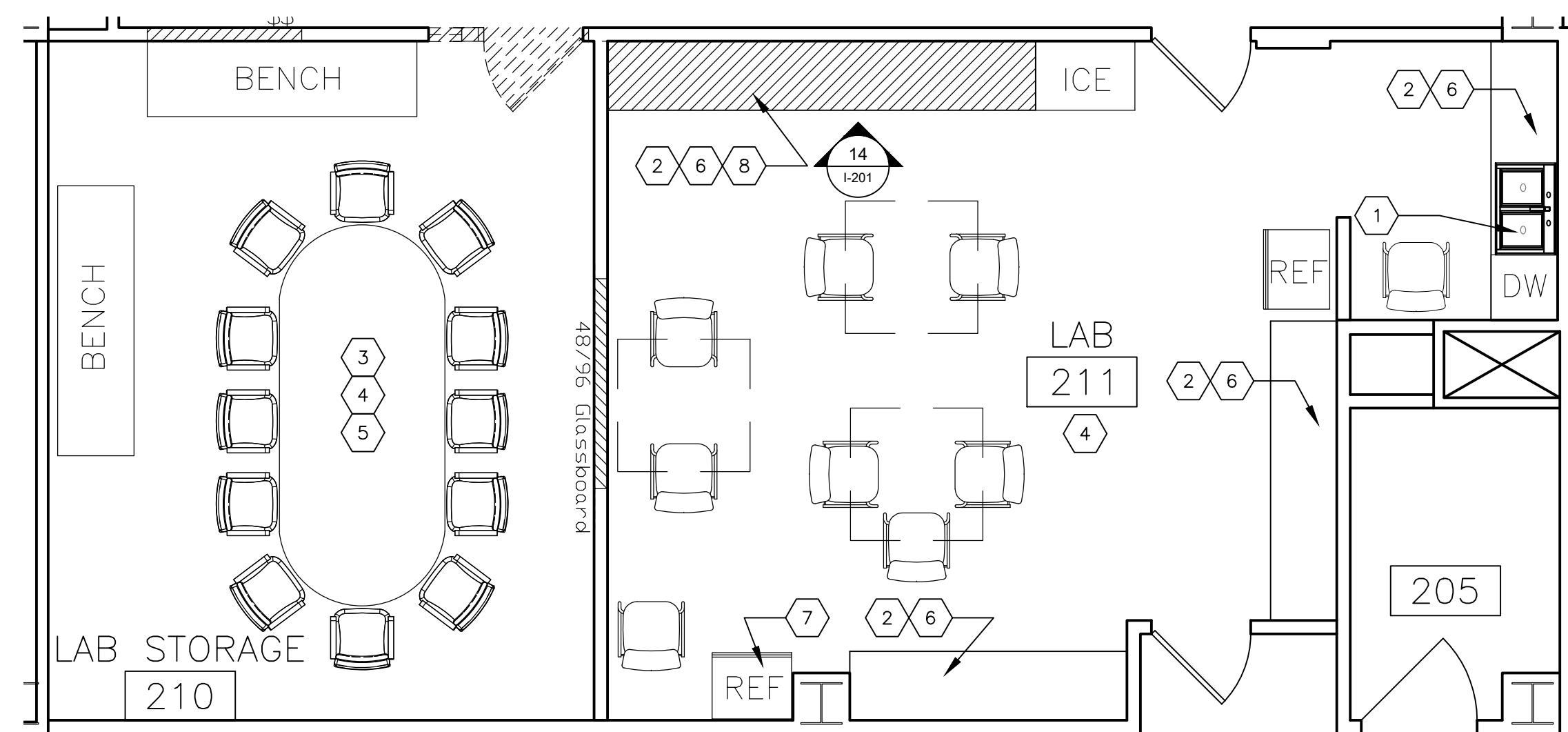


1 SECOND FLOOR NEW WORK PLAN PHASE 2
SCALE: 1/8" = 1'-0"

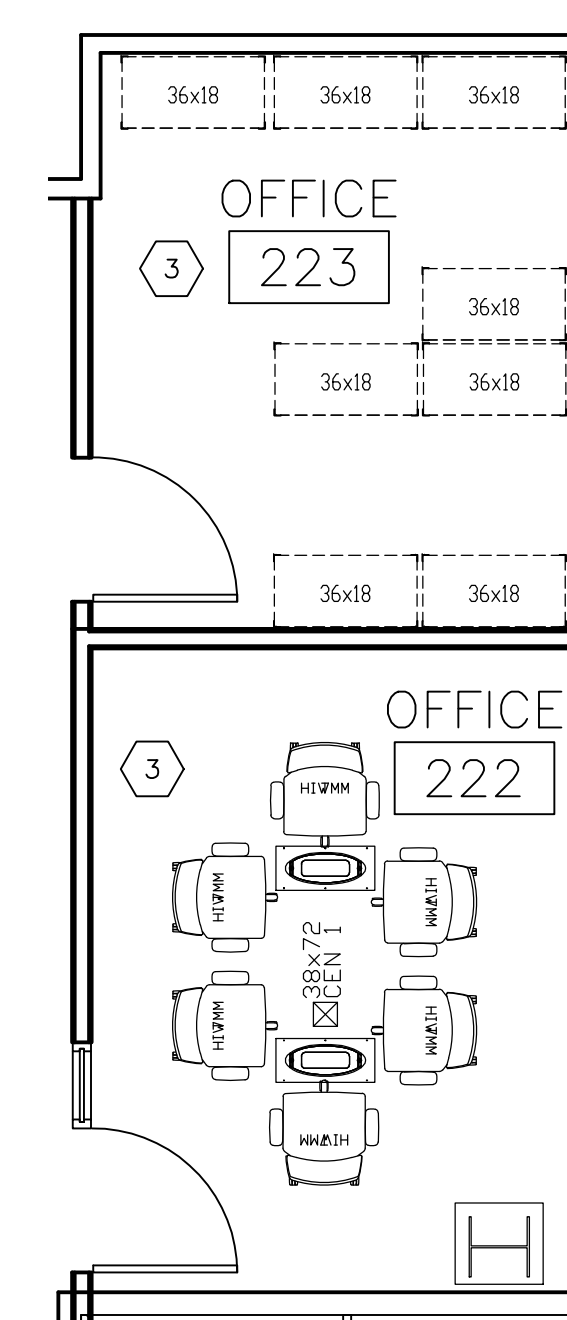


2 SECOND FLOOR KEY PLAN PHASE 2
SCALE: 1/32" = 1'-0"

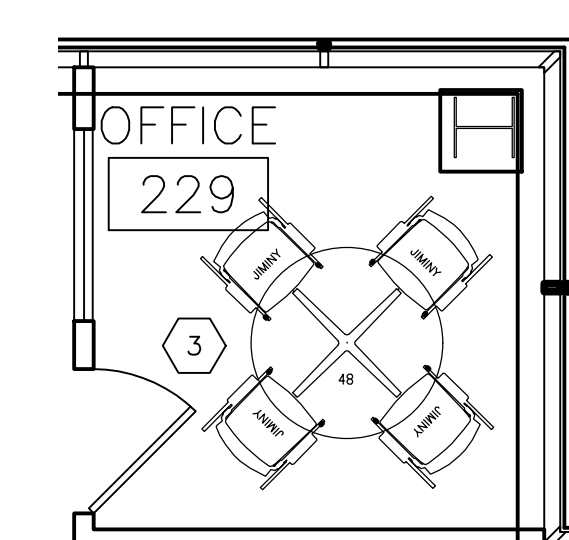
- DEMOLITION KEYNOTES:**
- 1 REMOVE EXISTING SINK, FAUCET, AND GARBAGE DISPOSAL AND SALVAGE FOR REINSTALLATION.
 - 2 REMOVE EXISTING COUNTERTOPS, CONTRACTOR RESPONSIBLE FOR DISPOSAL.
 - 3 REMOVE EXISTING FURNITURE. PLACE IN VACANT 3RD FLOOR SUITE.
 - 4 REMOVE EXISTING RUBBER WALL BASE.
 - 5 REMOVE EXISTING CARPET TILE IN CONFERENCE ROOM.
 - 6 REMOVE EXISTING CABINET HARDWARE.
 - 7 REMOVE EXISTING REFRIGERATOR. PLACE IN VACANT 3RD FLOOR SUITE.
 - 8 REMOVE EXISTING CABINETS AND SALVAGE FOR REINSTALLATION.



3 SECOND FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

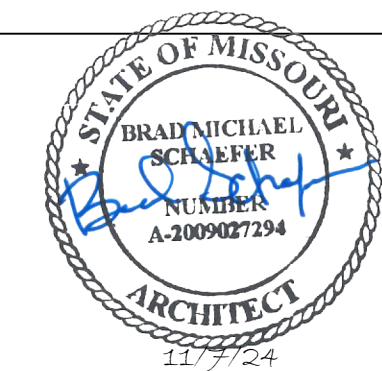


4 SECOND FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



5 SECOND FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

- RENOVATION KEYNOTES:**
- 1 INSTALL NEW COUNTERTOP. SEE SPECIFICATION SECTION 123600.
 - 2 REINSTALL SALVAGE SINK, FAUCET, AND GARBAGE DISPOSAL.
 - 3 INSTALL NEW SINK AND FAUCET. SEE PLUMBING SHEET P-XXX.
 - 4 CLEAN AND PREP CONCRETE FLOOR IN CONFERENCE ROOM TO RECEIVE EPOXY FINISH.
 - 5 PROVIDE AND INSTALL EPOXY FINISH.
 - 6 INSTALL NEW MUCK SINK IN CONFERENCE ROOM. SEE PLUMBING SHEET P-XXX.
 - 7 INSTALL NEW VINYL WALL BASE. SEE SPECIFICATION ...
 - 8 PATCH, REPAIR, AND PAINT WALLS IN-BETWEEN ARROWS. SEE FINISH SCHEDULE FOR DETAILS.
 - 9 PROVIDE AND INSTALL NEW OFFICE FURNITURE.
 - 10 PROVIDE AND INSTALL NEW CABINET DOORS ON EXISTING OPEN SHELVING.
 - 11 PROVIDE AND INSTALL NEW CABINET HARDWARE ON ALL CABINETS.
 - 12 REINSTALL SALVAGED CABINETS.



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ISSUE DATE: 11/7/2024

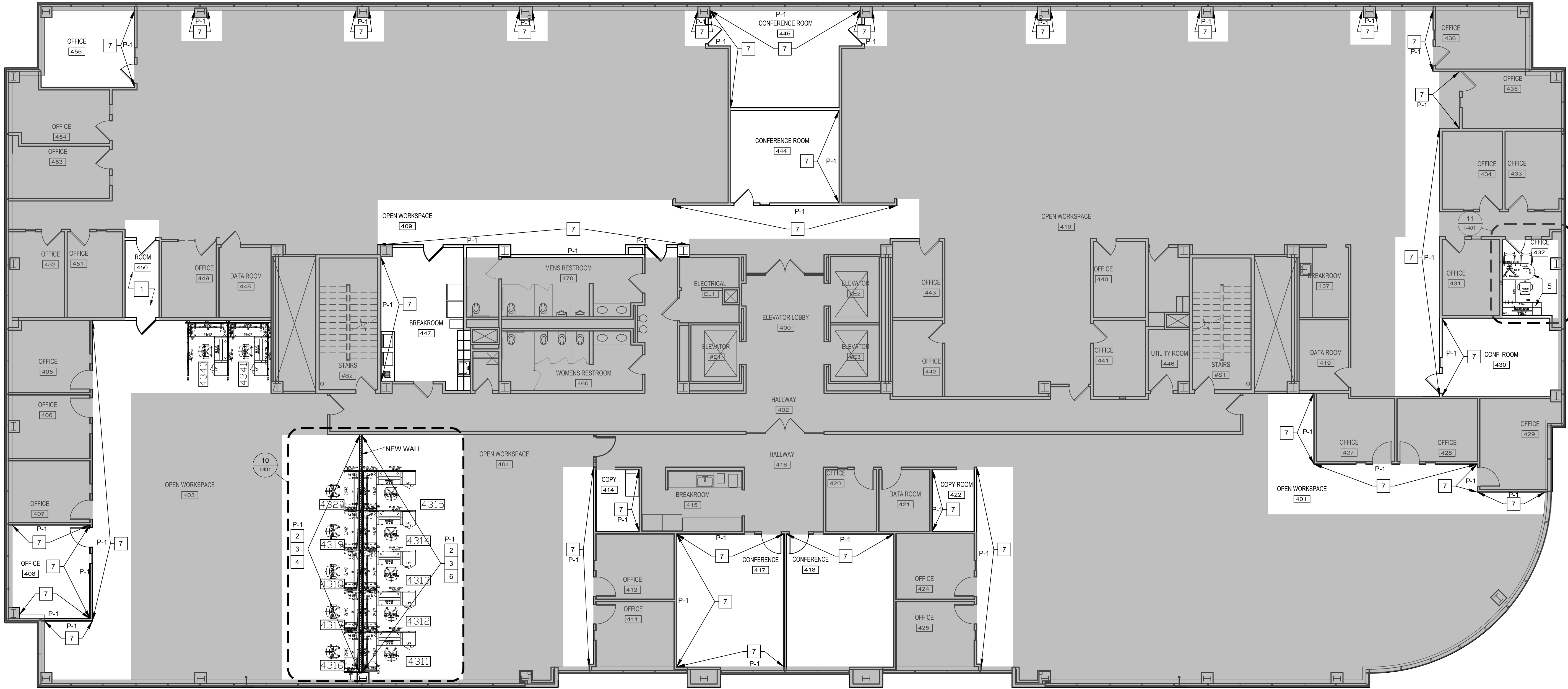
CAD DWG FILE: I-104_O2521-01
DRAWN BY: XX
CHECKED BY: XX
DESIGNED BY: XX

SHEET TITLE:
**FOURTH FLOOR
NEW WORK PLAN**

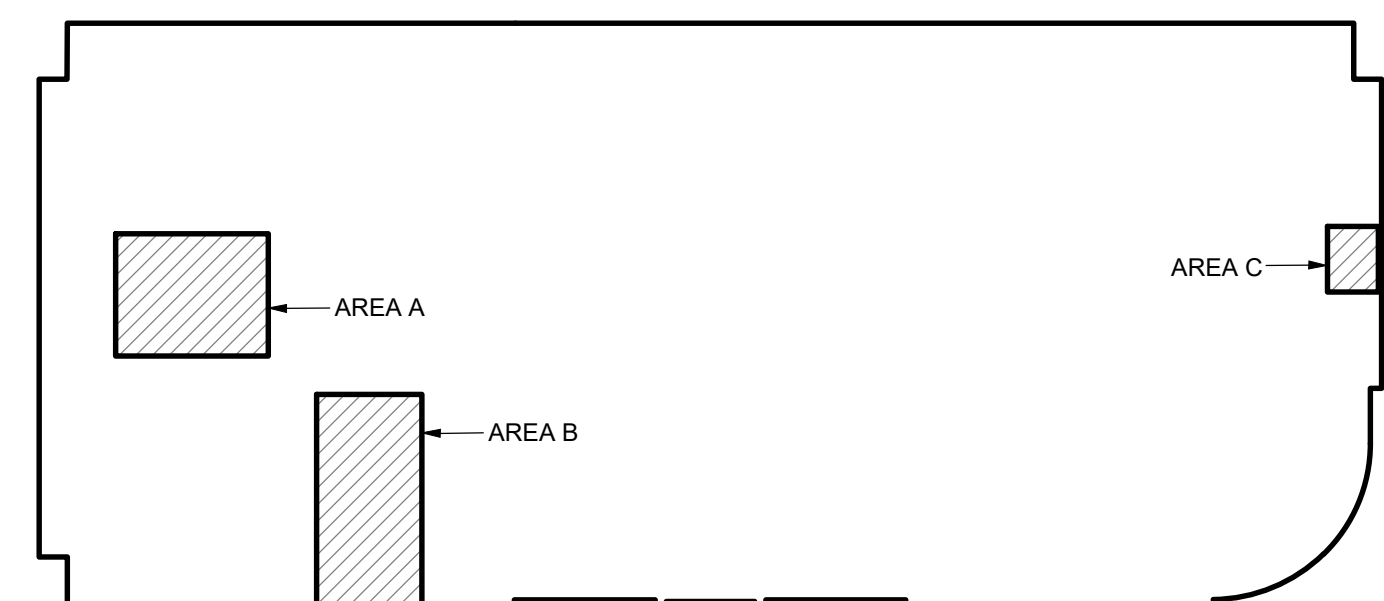
SHEET NUMBER:

I-104

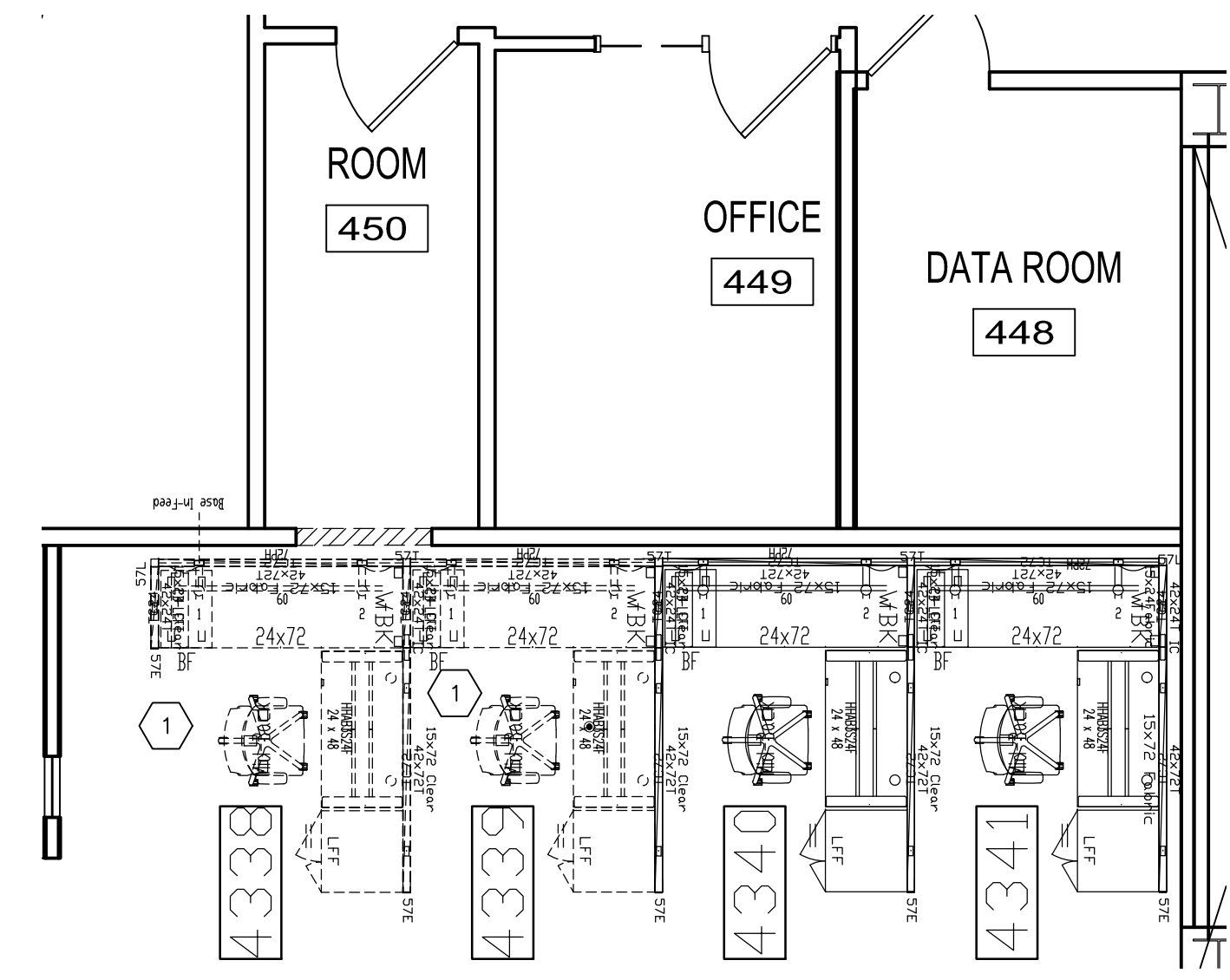
16 OF 50 SHEETS
11/7/2024



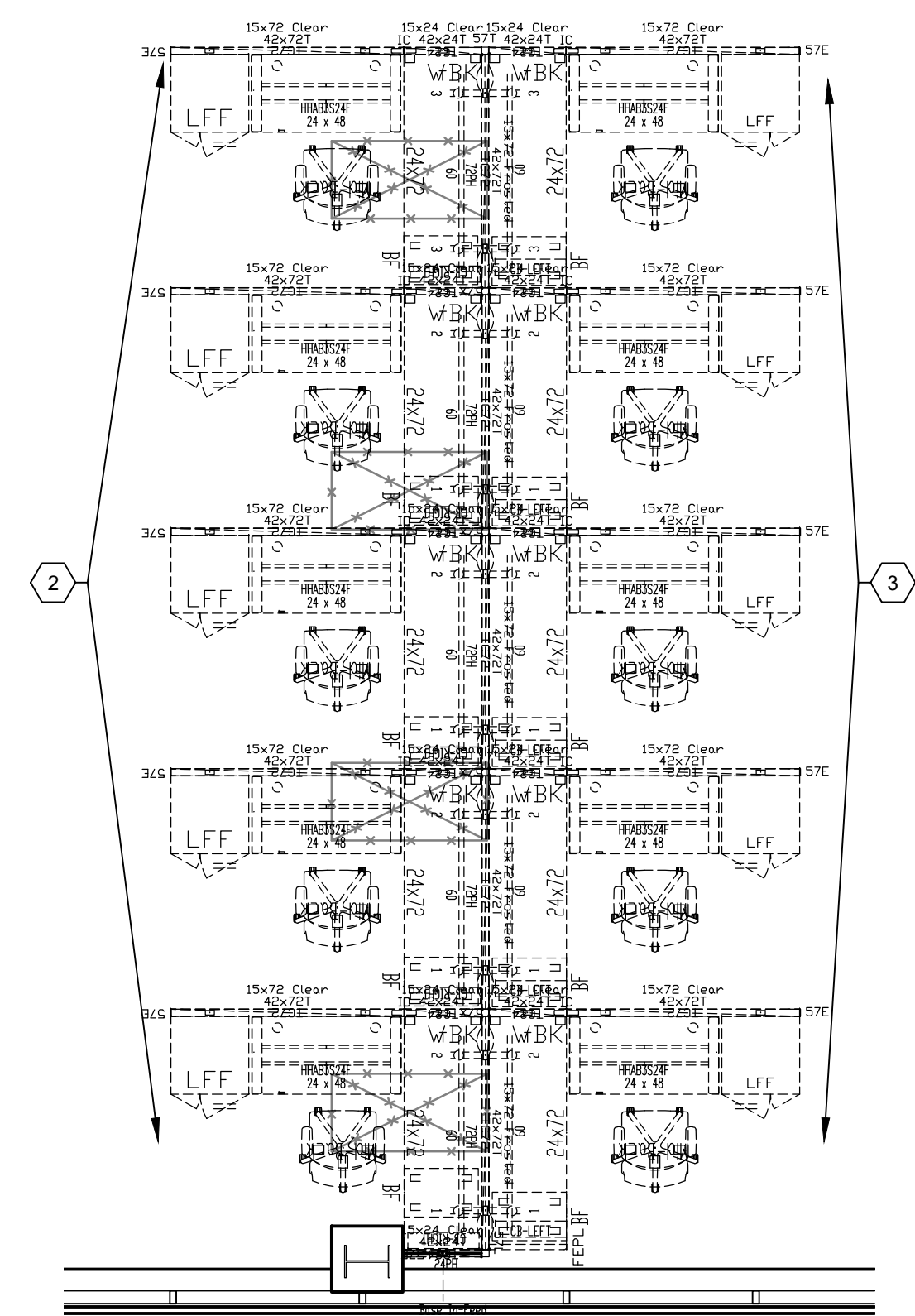
1 FOURTH FLOOR NEW WORK PLAN PHASE 4
SCALE: 1/8" = 1'-0"



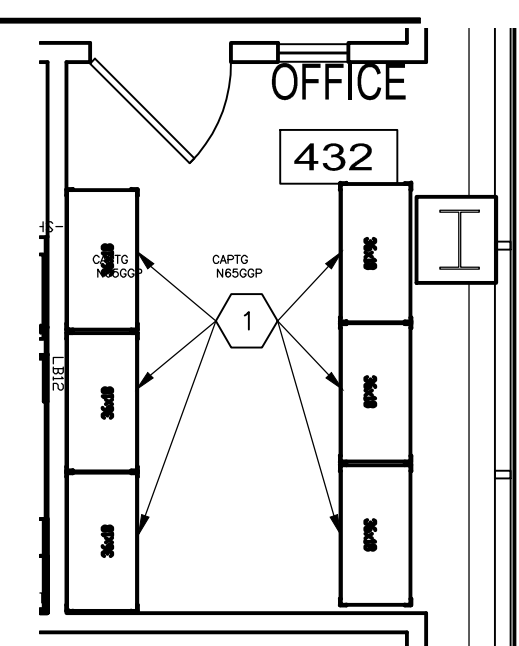
2 KEY PLAN - FIRST FLOOR DEMO WORK
SCALE: NO SCALE



3 DEMO PLAN - AREA A
SCALE: 1/4" = 1'-0"



4 DEMO PLAN - AREA B
SCALE: 1/4" = 1'-0"



5 DEMO PLAN - AREA C
SCALE: 1/4" = 1'-0"

- NEW WORK KEYNOTES:**
- 1 PROVIDE AND INSTALL NEW CARPET IN ROOM 450. CARPET TO MATCH EXISTING CARPET IN ROOM 409.
 - 2 PAINT NEW WALL CORNER TO CORNER, BETWEEN ARROWS AND WITH NOTED ACCENT COLOR, PER FINISH SCHEDULE.
 - 3 PROVIDE AND INSTALL NEW 6" VINYL WALL BASE ON ALL NEW FIXED GYPSUM BUILDING WALLS PER SPECIFICATIONS ON FINISH SCHEDULE.
 - 4 INSTALL SYSTEMS FURNITURE. UTILIZE PARTS REMOVED FROM DEMOLITION PHASE. CONTRACTOR SHALL SUPPLY NEW PARTS NECESSARY TO MATCH EXISTING LINE OF SYSTEMS FURNITURE. PROVIDE SUBMITTALS. SEE SHEET I-401 FOR ENLARGED FURNITURE LAYOUT.
 - 5 INSTALL DESKING SYSTEMS. CONTRACTOR SHALL SUPPLY NEW PARTS TO MATCH EXISTING LINE OF SYSTEMS FURNITURE. PROVIDE SUBMITTALS.
 - 6 RELOCATE EXISTING SYSTEMS FURNITURE TO NEW WALL. SEE SHEET I-401 FOR ENLARGED FURNITURE LAYOUT.
 - 7 PATCH/REPAIR AND PAINT WALL CORNER TO CORNER, BETWEEN ARROWS AND WITH NOTED ACCENT COLOR, PER FINISH SCHEDULE.

- DEMOLITION KEYNOTES:**
- 1 REMOVE EXISTING FURNITURE. PLACE IN VACANT 3RD FLOOR SUITE.
 - 2 REMOVE EXISTING FURNITURE ROW (CUBICLES 4316-4320). REINSTALL AS SHOWN IN 411-104.
 - 3 REMOVE, SLIDE, AND MODIFY EXISTING ROW OF CUBICLES. UTILIZE SALVAGED PARTS FROM ADJACENT ROW (CUBICLES 4311-4315). RE: SHEET 4/I-104 FOR REVISED LAYOUT.



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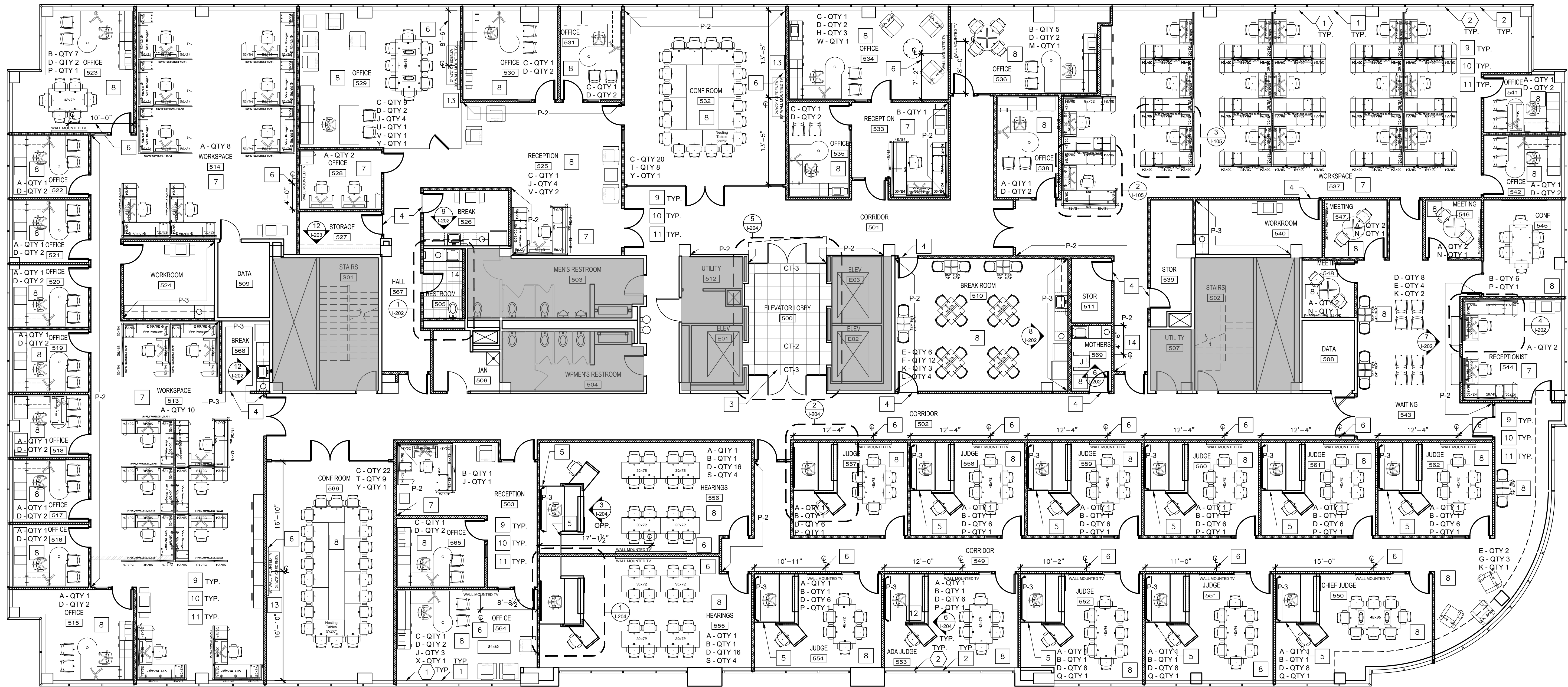
CAD DWG FILE: I-105_O2521-01
DRAWN BY: XX
CHECKED BY: XX
DESIGNED BY: XX

SHEET TITLE:
**FIFTH FLOOR
NEW WORK PLAN**

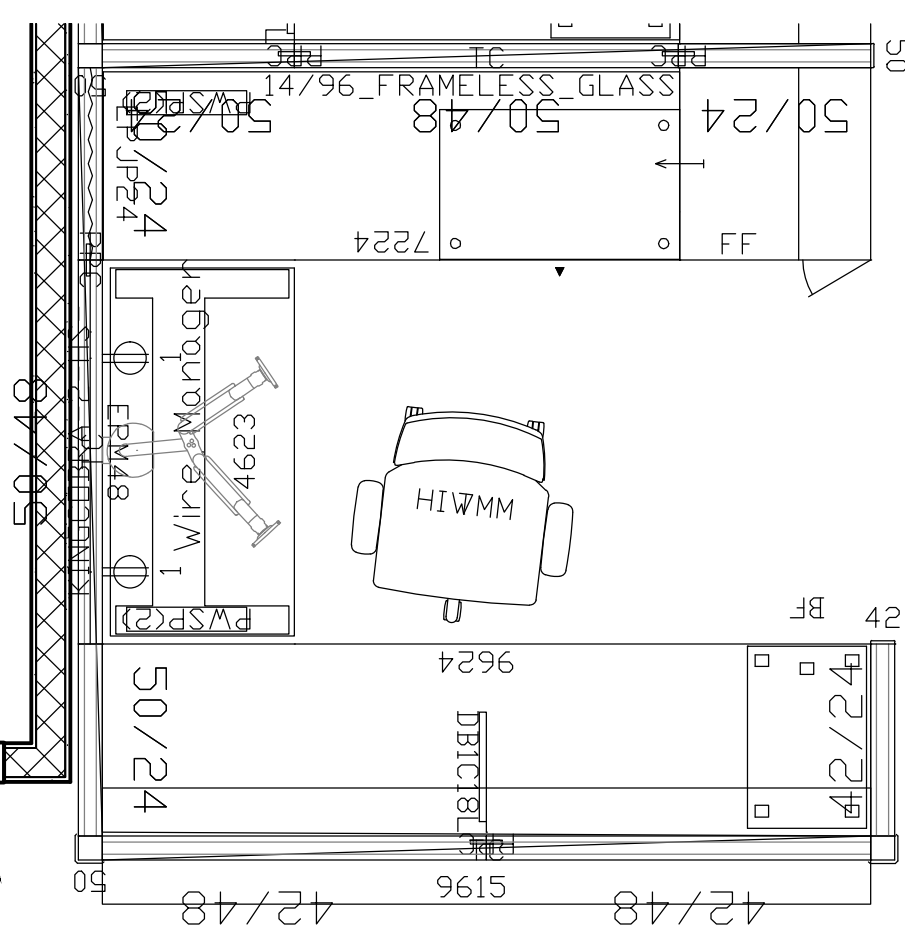
SHEET NUMBER:

I-105

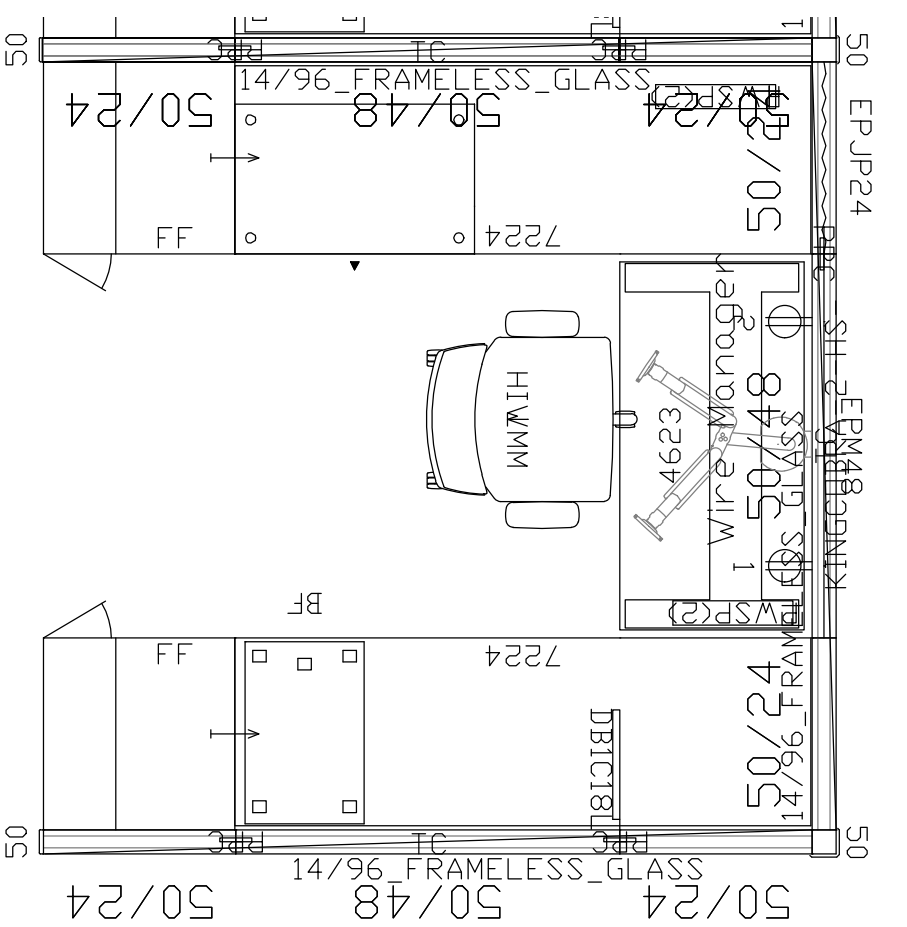
17 OF 50 SHEETS
11/7/2024



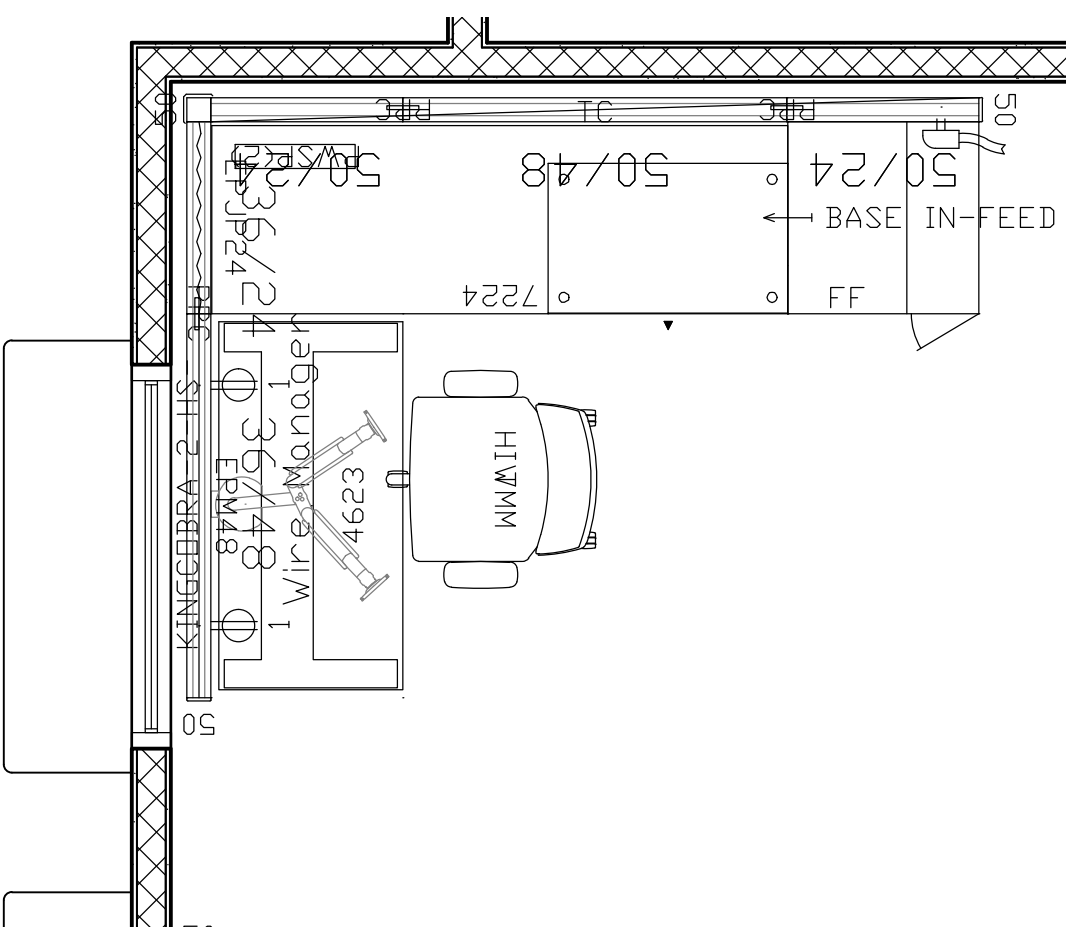
1 FIFTH FLOOR NEW WORK PLAN PHASE 5
SCALE: 1/8" = 1'-0"



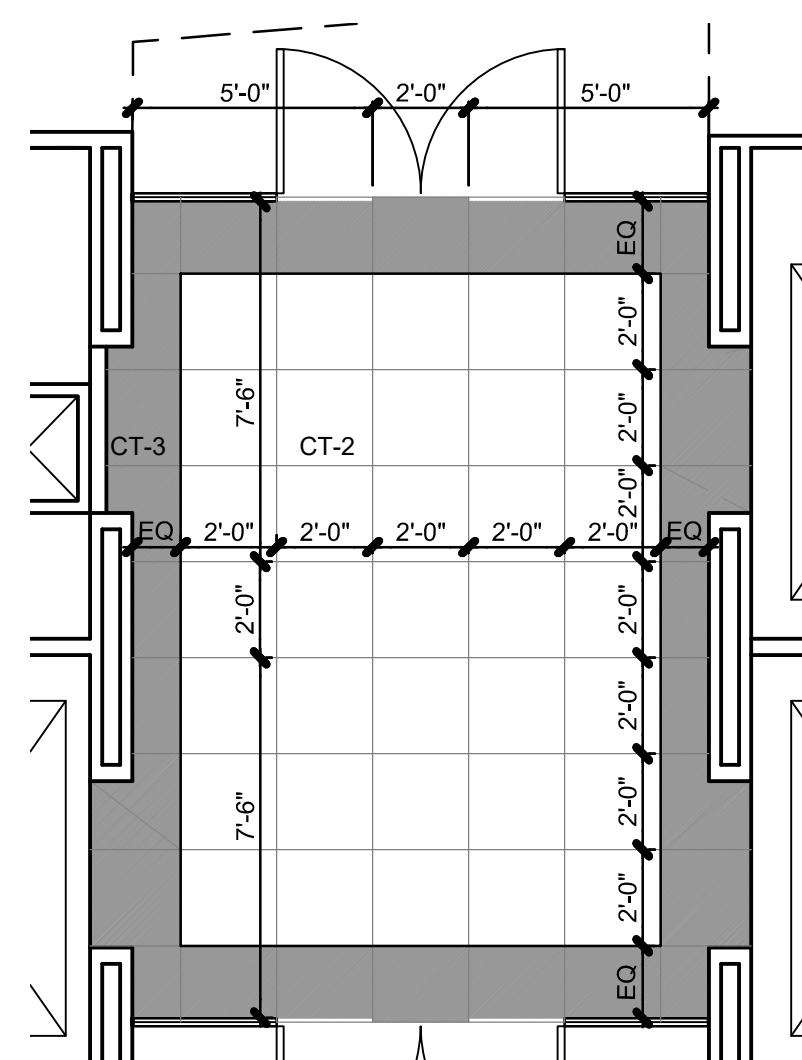
2 FIFTH FLOOR ENLARGED PLANS
SCALE: 1/2" = 1'-0"



3 FIFTH FLOOR ENLARGED PLANS
SCALE: 1/2" = 1'-0"



4 FIFTH FLOOR ENLARGED PLANS
SCALE: 1/2" = 1'-0"



5 FIFTH FLOOR ENLARGED PLANS
SCALE: 1/4" = 1'-0"

- DEMOLITION KEYNOTES:**
- REMOVE ALL EXISTING PLASTIC LAMINATE WINDOW SILLS.
 - REMOVE EXISTING VERTICAL BLINDS.
- FURNITURE TYPES:**
- A - IGNITION CHAIR WITH MESH BACK.
 - B - IGNITION CHAIR WITH UPHOLSTERED BACK.
 - C - IGNITION CHAIR WITH ALUMINUM BASE.
 - D - AURORA GUEST CHAIR.
 - E - CINCH BAR HEIGHT CHAIR.
 - F - CINCH STANDARD HEIGHT CHAIR.
 - G - RENO LOUNGE CHAIR WITH TABLET.
 - H - RENO LOUNGE CHAIR WITHOUT TABLET.
 - J - MONTERREY LOUNGE CHAIR.
 - K - BERCO ANYWAY 24x24 BAR TABLE
 - L - BERCO ANYWAY 36x36 TABLE
 - M - BERCO ANYWAY 48 CONFERENCE TABLE
 - N - BERCO ANYWAY 42 CONFERENCE TABLE
 - P - BERCO ANYWAY 42x72 CONFERENCE TABLE
 - Q - BERCO ANYWAY 42x96 CONFERENCE TABLE
 - R - BERCO VOLUMA 42x96 CONFERENCE TABLE
 - S - BERCO ANYWAY 30x72 COURT ROOM TABLE
 - T - BERCO ANYWAY 30x60 NESTING TABLE
 - U - EPIC CONFERENCE 48x96 CUSTOM TABLE
 - V - BERCO MEZZANINE 24x24 COFFEE TABLE
 - W - RENO 36 COFFEE TABLE
 - X - BERCO MEZZANINE 24x60 COFFEE TABLE
 - Y - EPIC BUFFET 24x72 CREDENZA

- RENOVATION KEYNOTES:**
- INSTALL NEW SOLID SURFACE WINDOW SILLS THROUGHOUT.
 - INSTALL NEW VERTICAL BLINDS THROUGHOUT.
 - PROVIDE & INSTALL 24" X 24" MATTE TILE FIELD WITH CUT 24" X 24" POLISHED TILE BORDER. THIN SET MORTAR BED WITH KNIFE JOINTS REQUIRED BETWEEN TILES.
 - PROVIDE & INSTALL METAL TRANSITION STRIP. REFER TO FINISH SCHEDULE I-601 FOR FLOORING MATERIALS TO BE INSTALLED ON EITHER SIDE OF THE TRANSITION.
 - PROVIDE & INSTALL 1 3/8" X 1 3/8" GRAY RUBBER STAIR NOSING AT STEP. REFER TO ELEVATIONS I-204 & FINISH SCHEDULE I-601 FOR FLOORING MATERIALS.
 - PROVIDE & INSTALL BLOCKING FOR WALL MOUNTED TV'S. REFER TO ELEVATION #111-203.
 - PROVIDE & INSTALL SYSTEMS FURNITURE. SUBMIT SYSTEMS FURNITURE LAYOUT WITH PARTS LIST FOR OWNER APPROVAL PRIOR TO PLACING ORDER.
 - PROVIDE & INSTALL FURNITURE. REFER TO SPECIFICATIONS & APPENDIX B.
 - PROVIDE AND INSTALL NEW FLOORING AND BASE THROUGHOUT, UNLESS NOTED AS EXISTING TO REMAIN ON I-601 ROOM FINISH SCHEDULE.
 - PROVIDE AND INSTALL (2) COATS OF NEW PAINT ON ALL WALLS ON 5TH FLOOR, UNLESS NOTED AS EXISTING TO REMAIN ON I-601 ROOM FINISH SCHEDULE. NEW WALLS TO RECEIVE (1) BASE COAT AND (2) TOP COATS.
 - REFER TO I-601 ROOM FINISH SCHEDULE, I-402 ENLARGED PLANS, AND I-202/ 1-203/ I-204 ELEVATIONS/SECTIONS FOR FINISH MATERIALS AND THEIR LOCATIONS.
 - REDUCE HEIGHT OF CUSTOM JUDGES MILLWORK DESK WITH TRANSACTION COUNTER 7" DUE TO NO PLATFORM AT ADA ACCOMMODATING ROOM.
 - PROVIDE AND INSTALL WALL MOUNTED TV AND BRACKET.
 - PROVIDE AND INSTALL WALL MOUNTED FULL LENGTH MIRROR. REFER I-202 & SPECS



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CHESTERFIELD, MO 63017

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REVISION: _____
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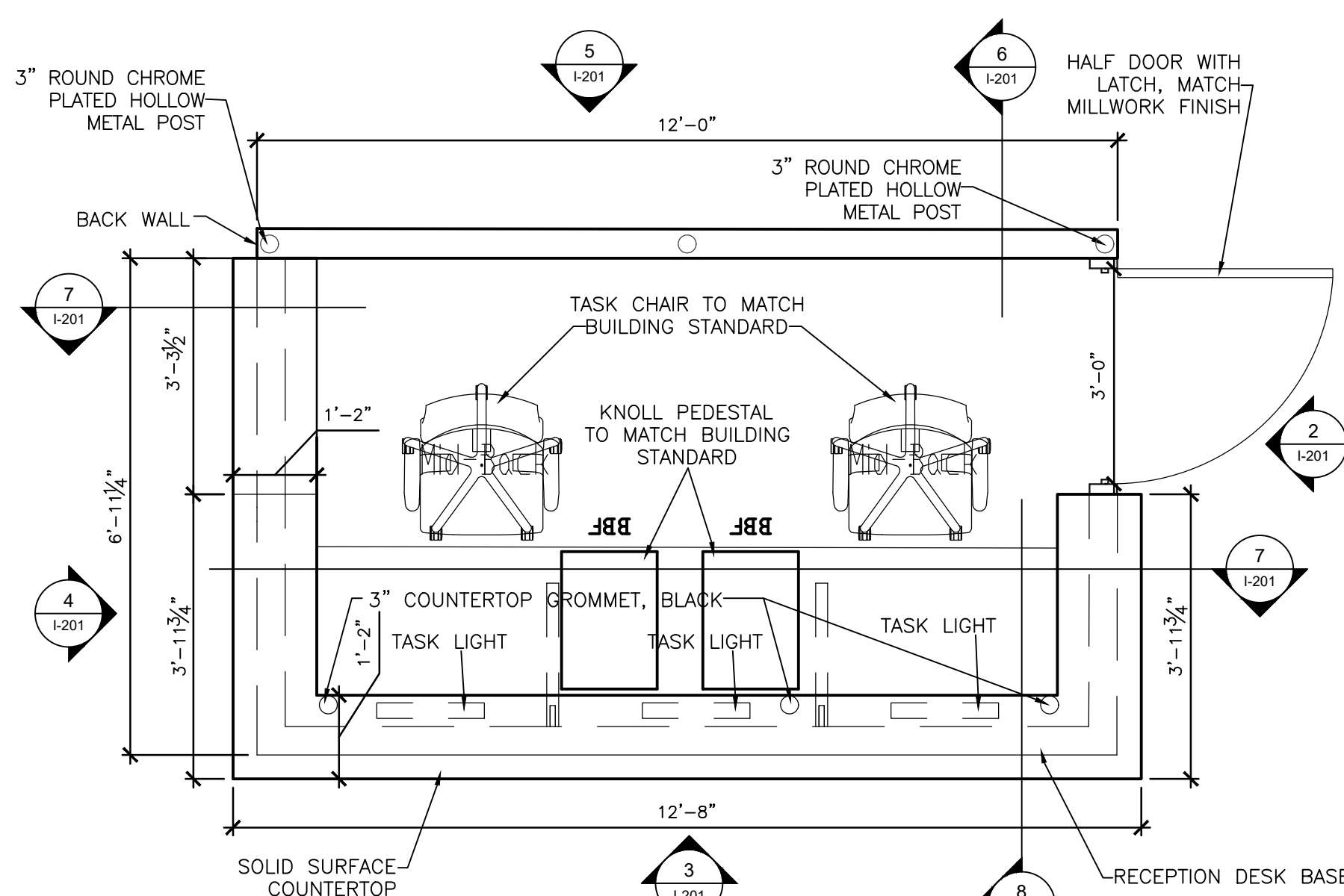
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DRAWN BY: XX
CHECKED BY: XX
DESIGNED BY: XX

SHEET TITLE:
CABINET
ELEVATIONS
& SECTIONS

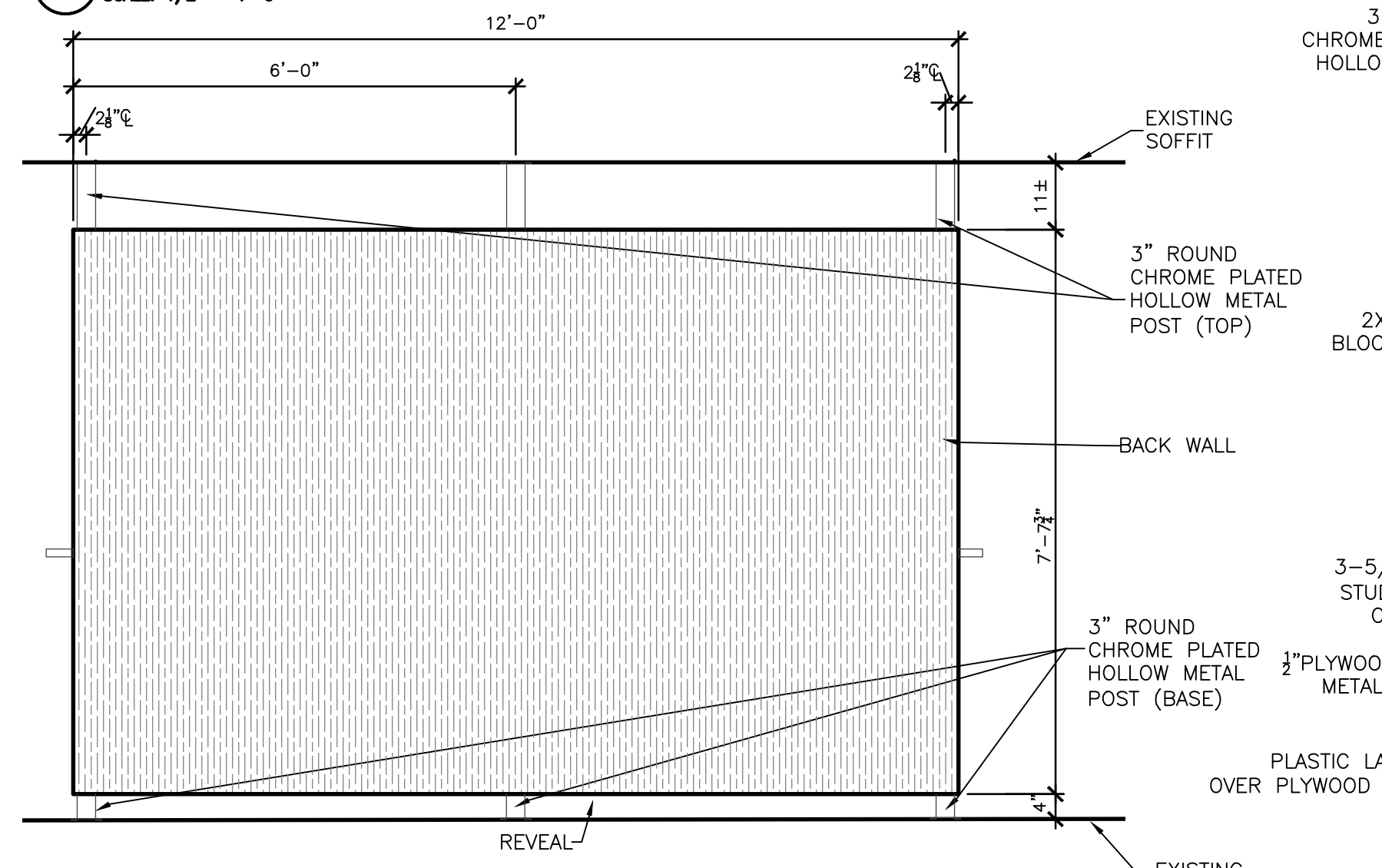
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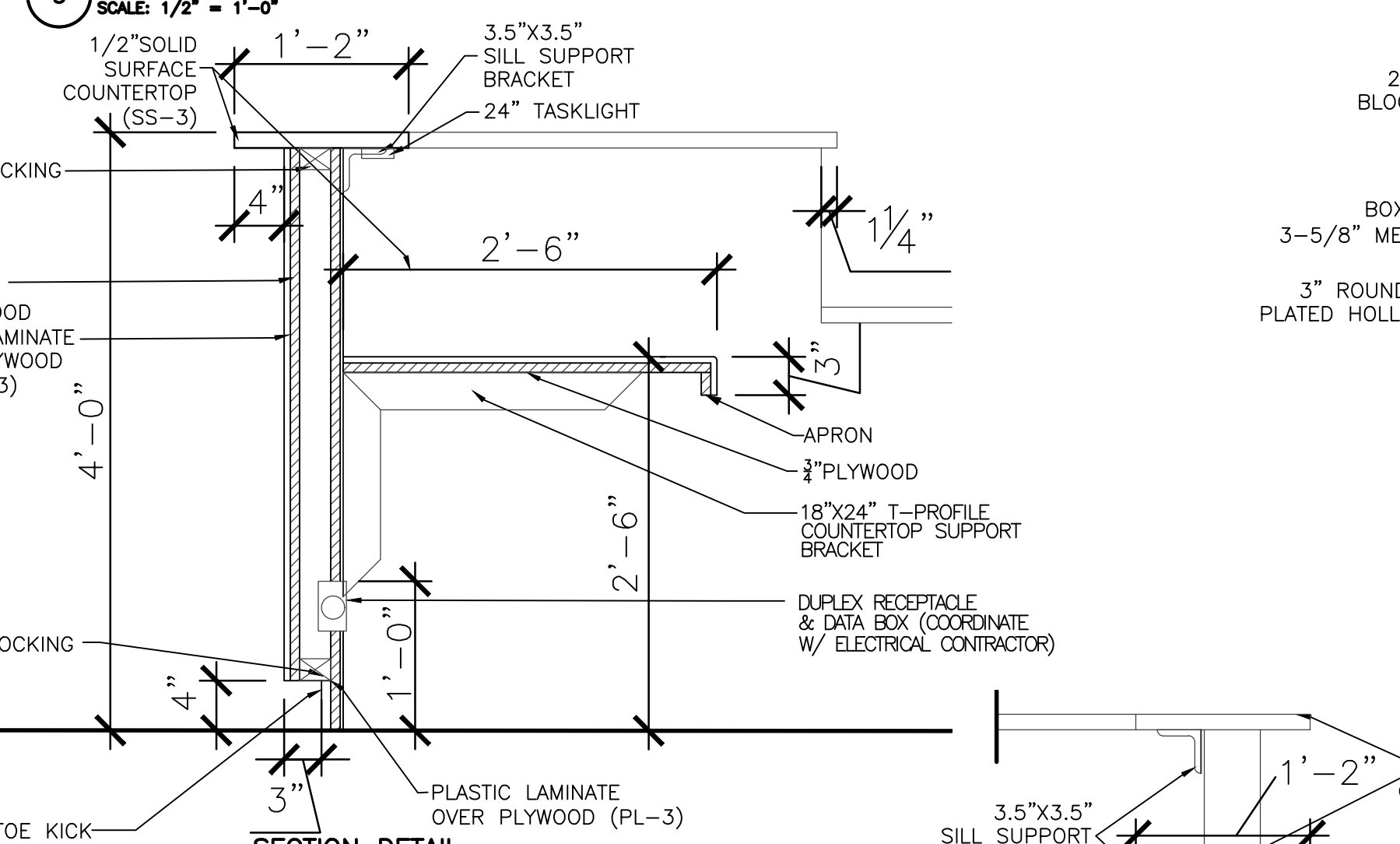
18 OF 50 SHEETS
11/7/2024



1 ENLARGED FLOOR PLAN - FIRST FLOOR RECEPTION DESK
SCALE: 1/2" = 1'-0"



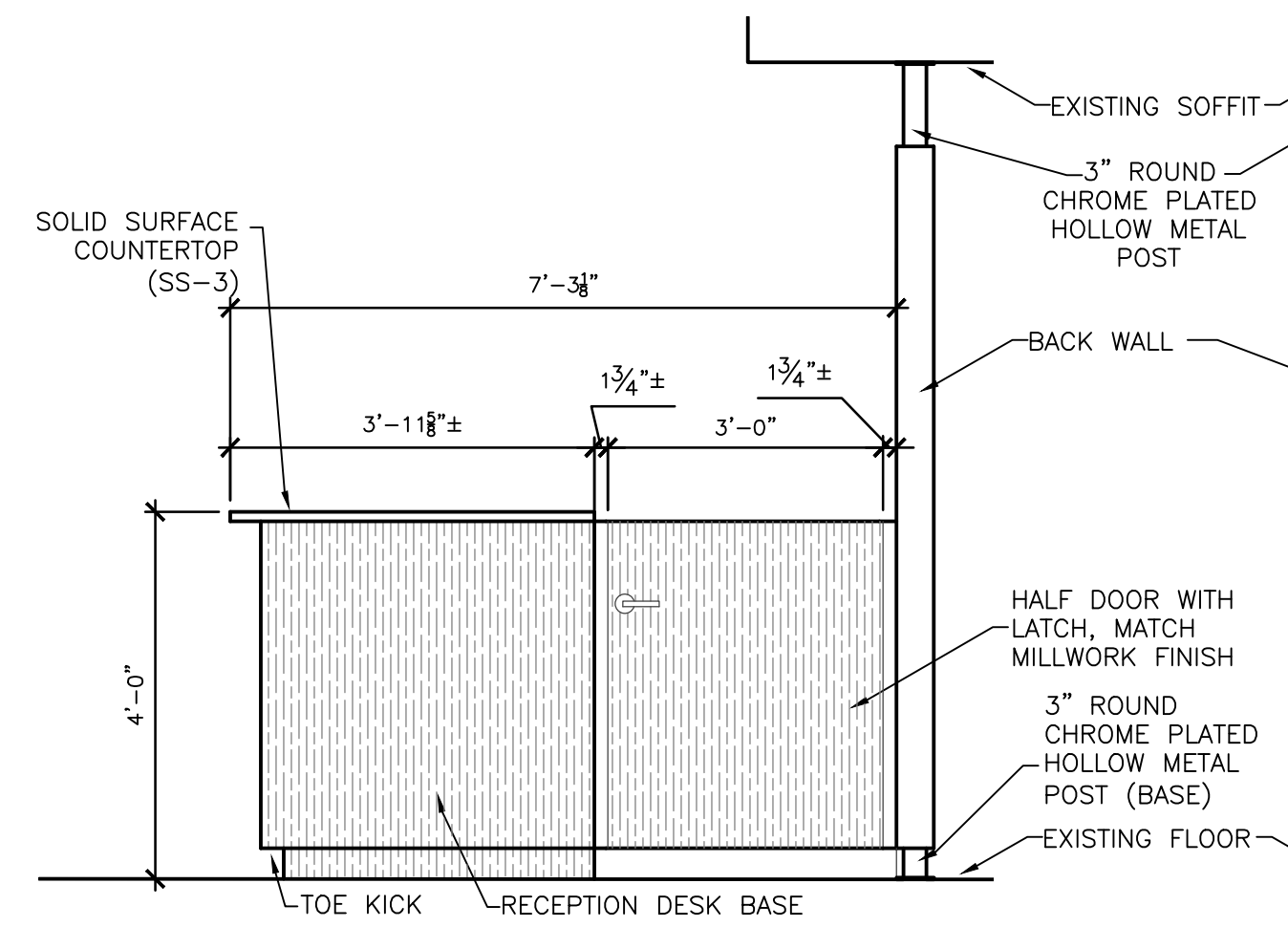
5 BACK ELEVATION - FIRST FLOOR RECEPTION DESK
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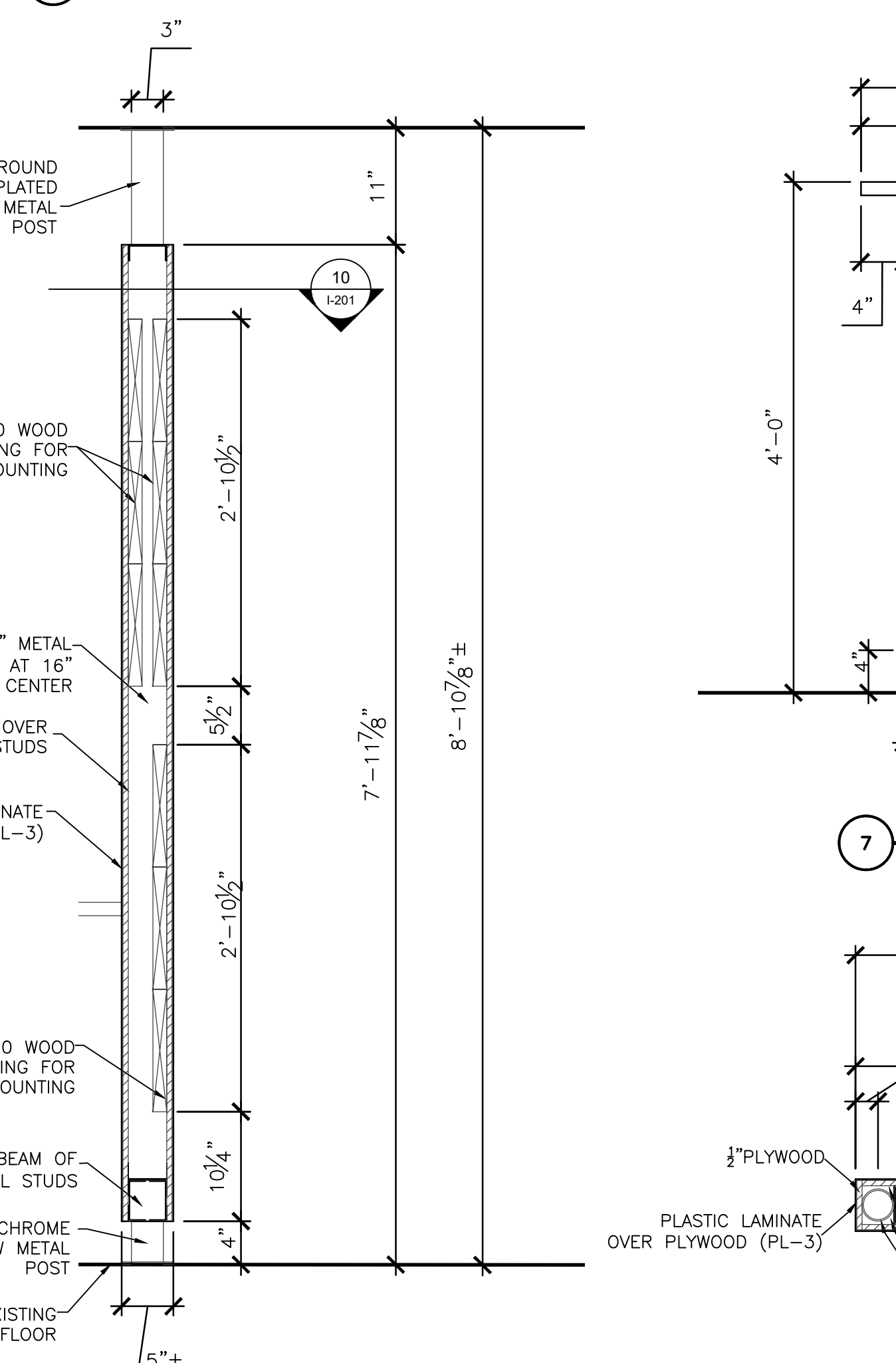
8 SECTION DETAIL - FIRST FLOOR RECEPTION DESK
SCALE: 1" = 1'-0"



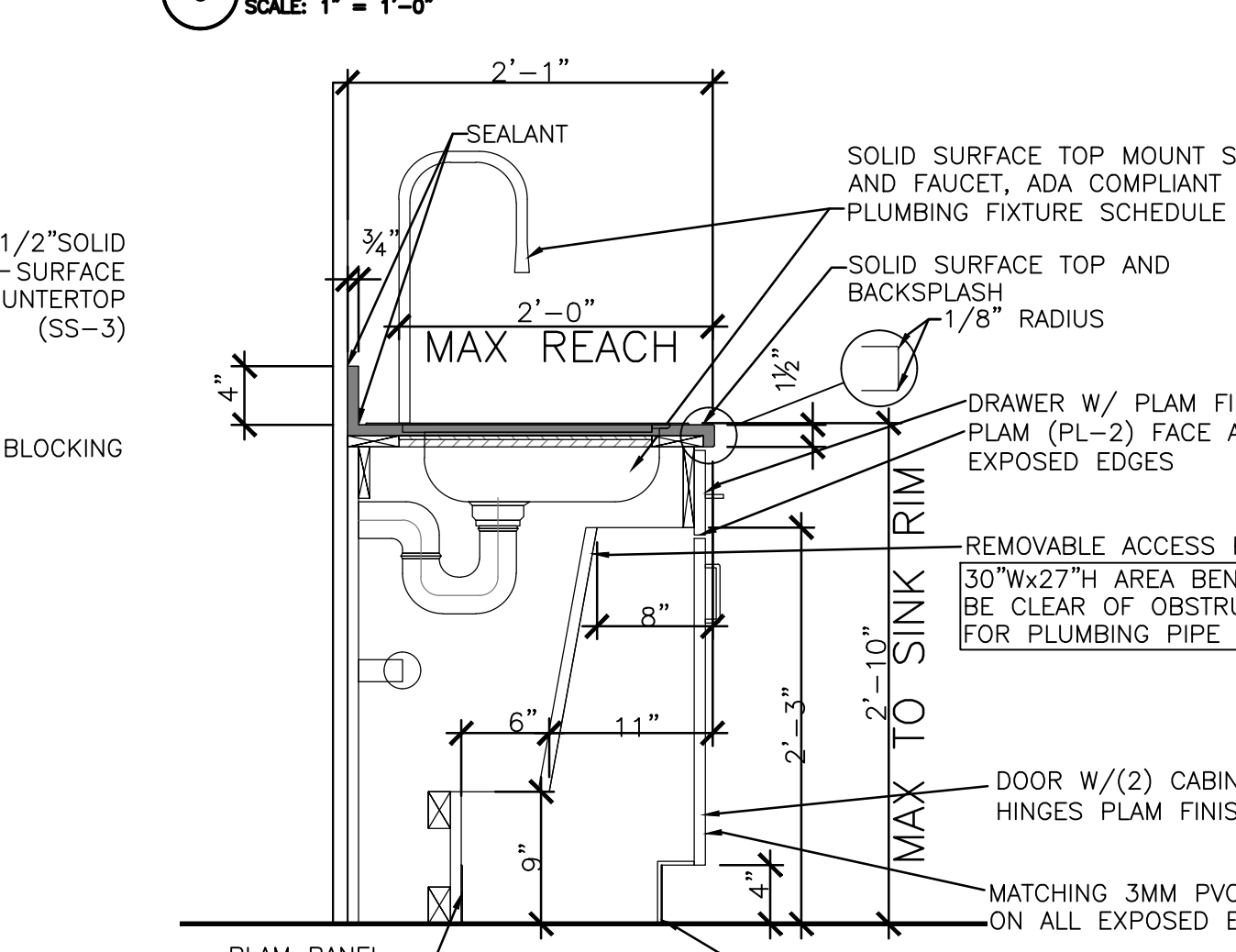
9 SECTION DETAIL - FIRST FLOOR RECEPTION DESK
SCALE: 1" = 1'-0"



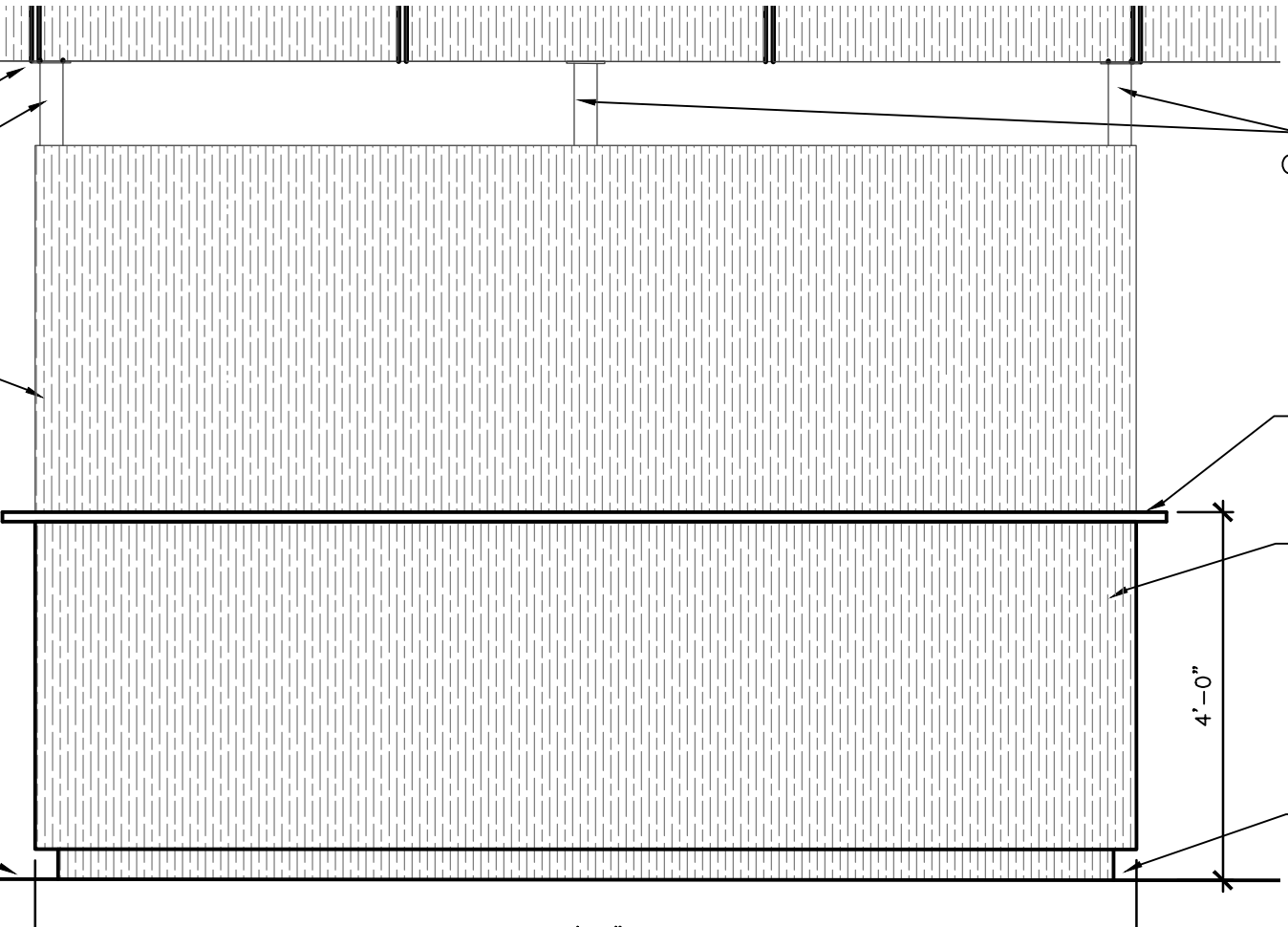
2 SIDE ELEVATION - FIRST FLOOR RECEPTION DESK
SCALE: 1/2" = 1'-0"



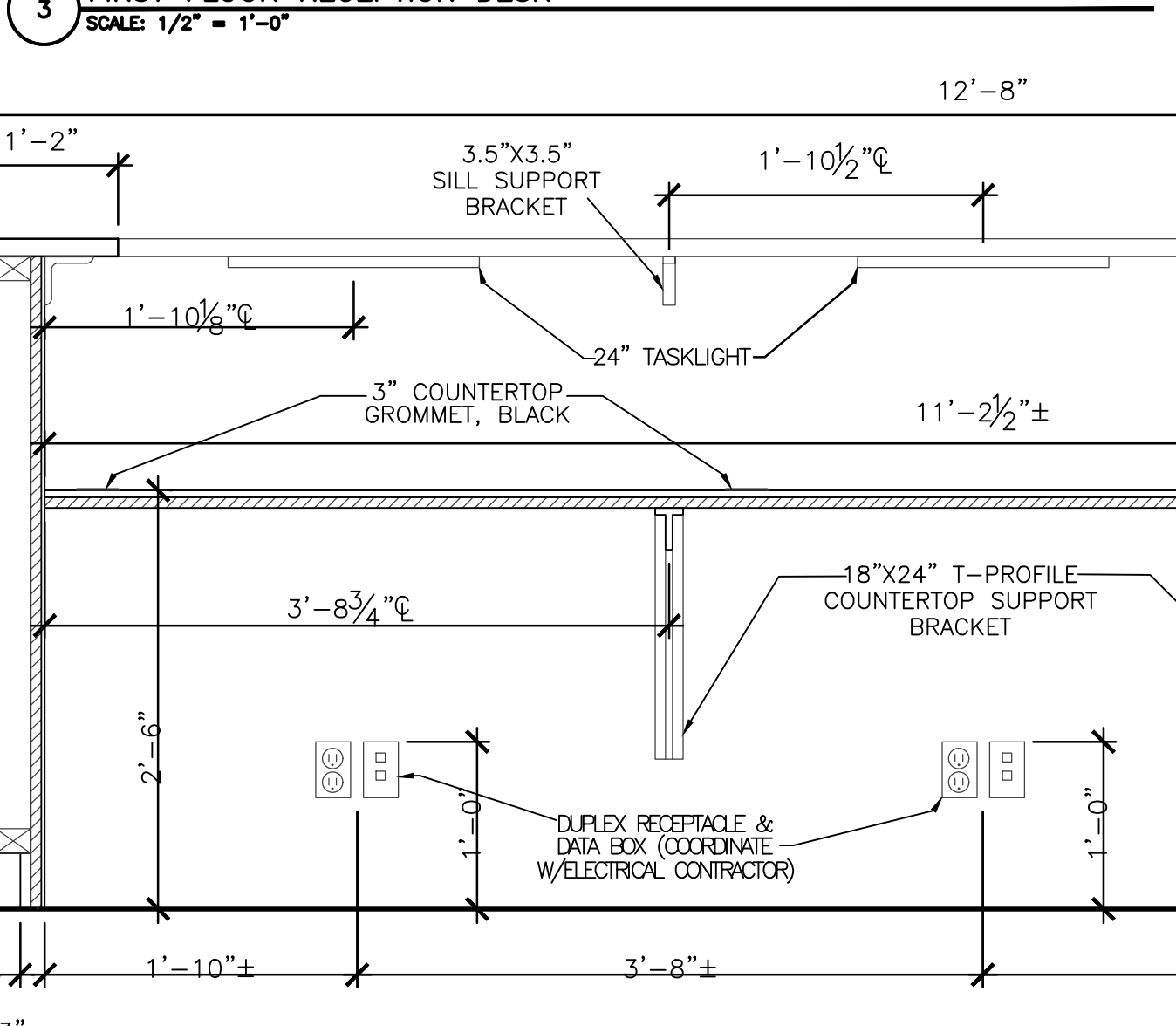
6 SECTION DETAIL - FIRST FLOOR RECEPTION DESK
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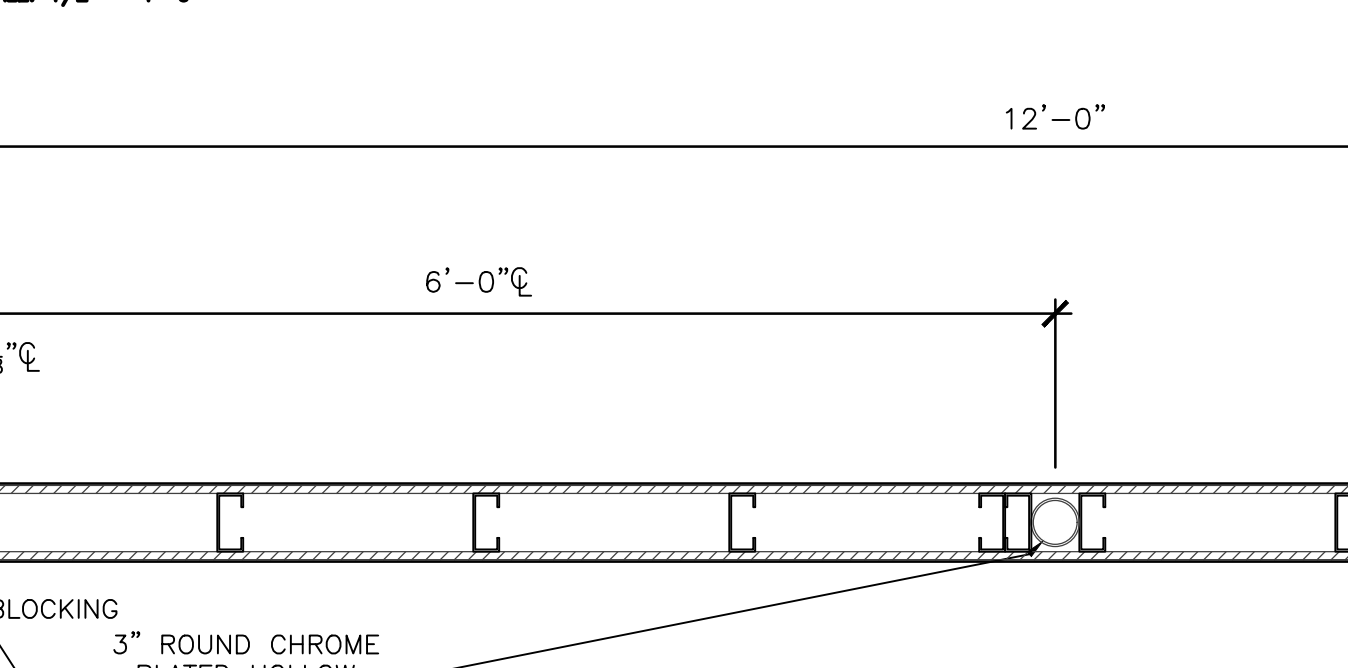
12 ROOM 180 CABINET ELEVATION
SCALE: 1" = 1'-0"



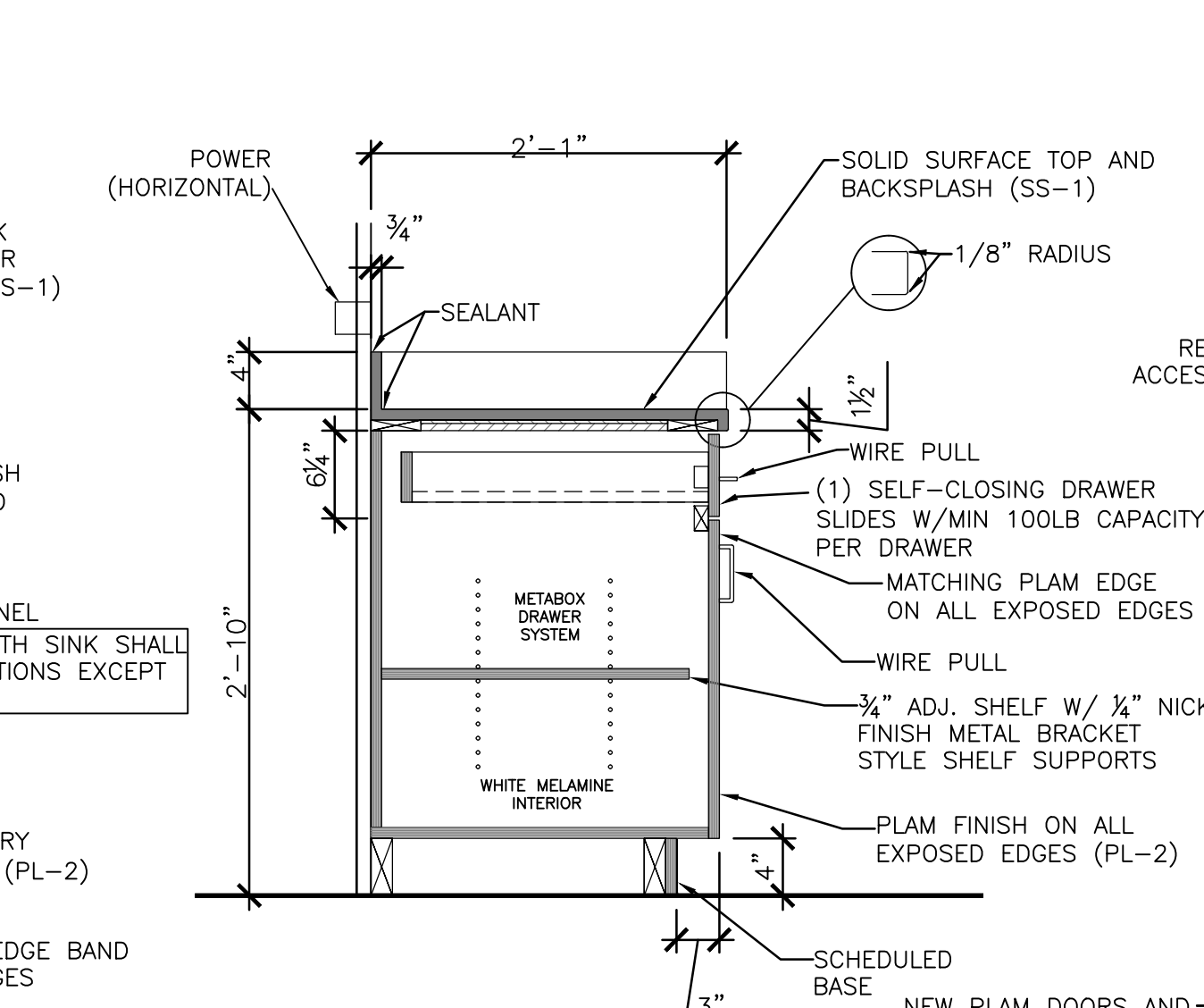
3 FRONT ELEVATION - FIRST FLOOR RECEPTION DESK
SCALE: 1/2" = 1'-0"



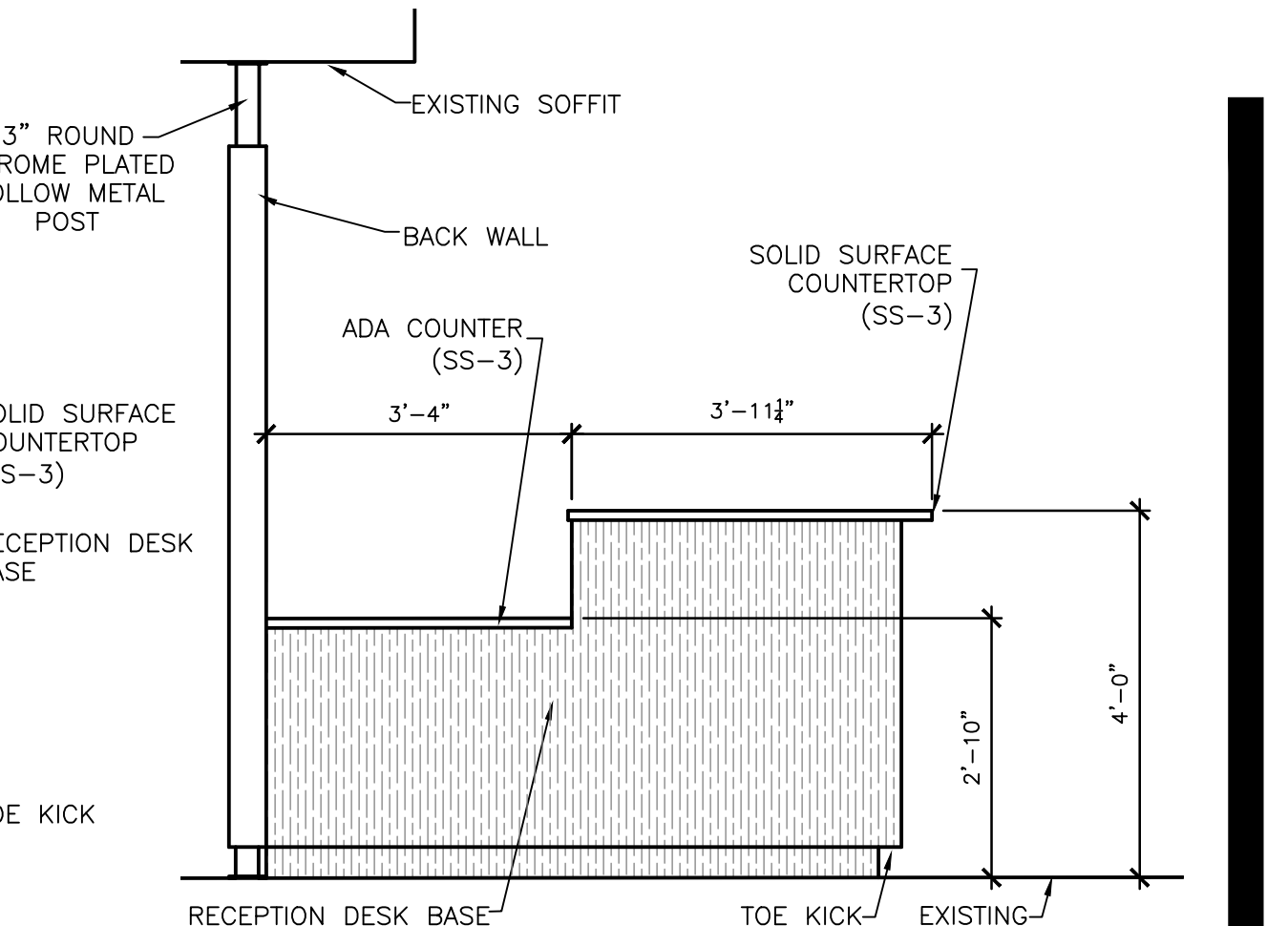
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SCALE: 1/2" = 1'-0"



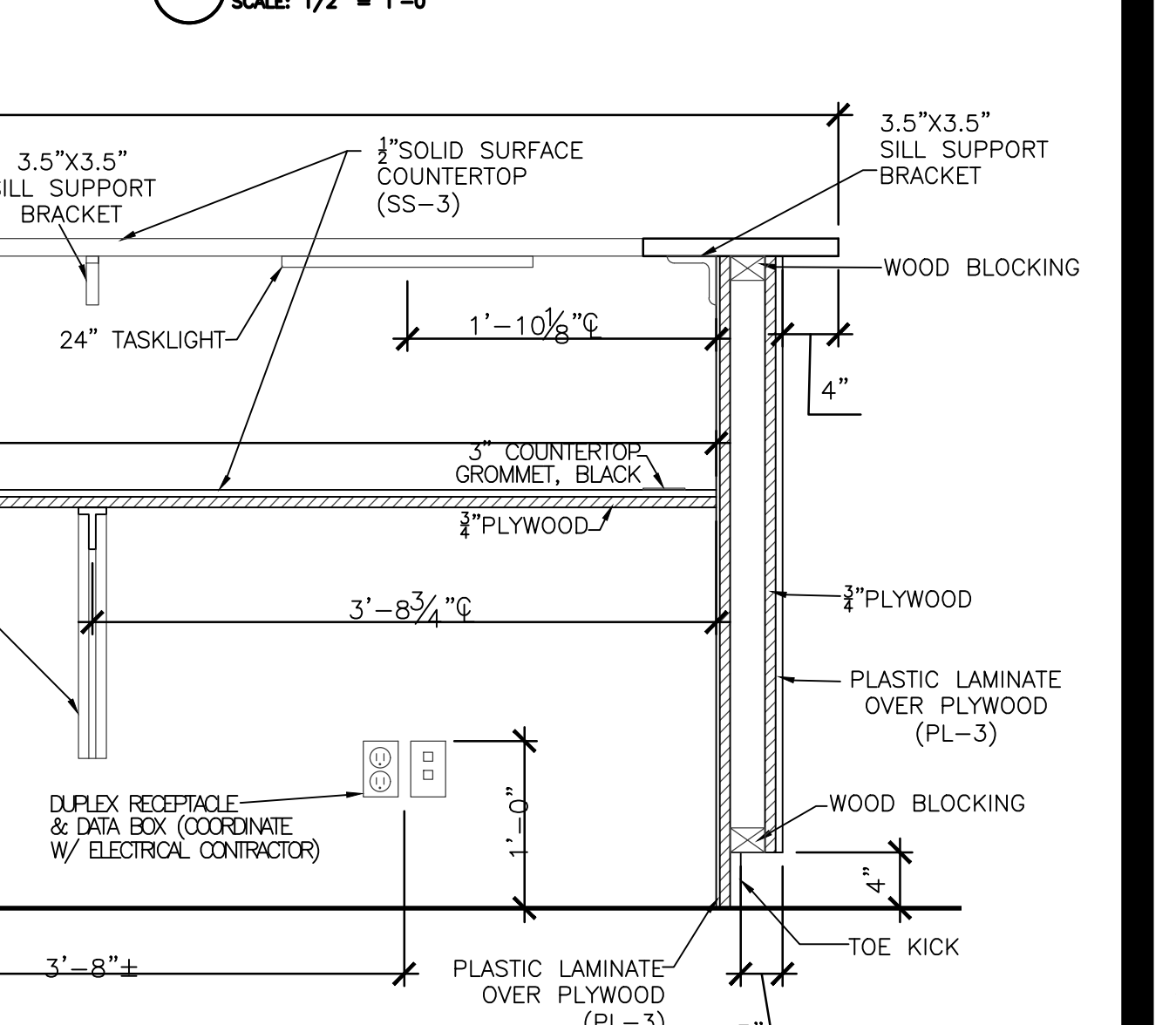
10 SECTION DETAIL - FIRST FLOOR RECEPTION DESK
SCALE: 1" = 1'-0"



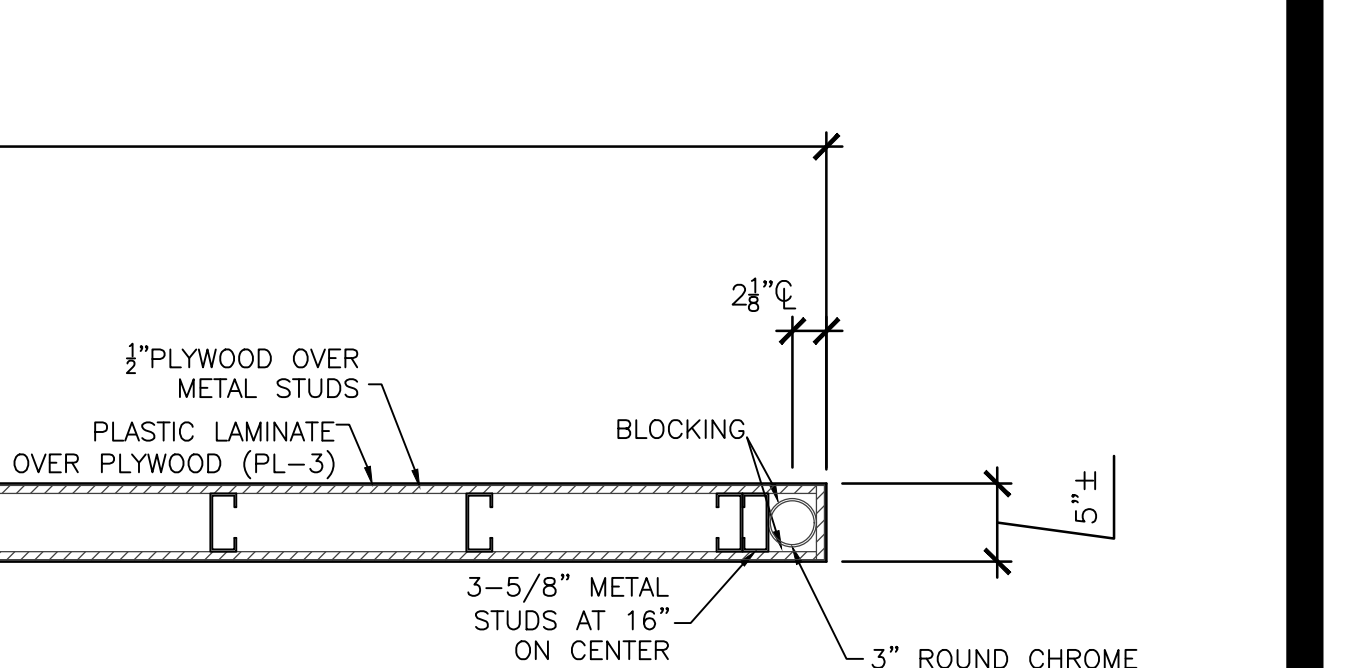
13 ROOM 180 CABINET ELEVATION
SCALE: 1" = 1'-0"



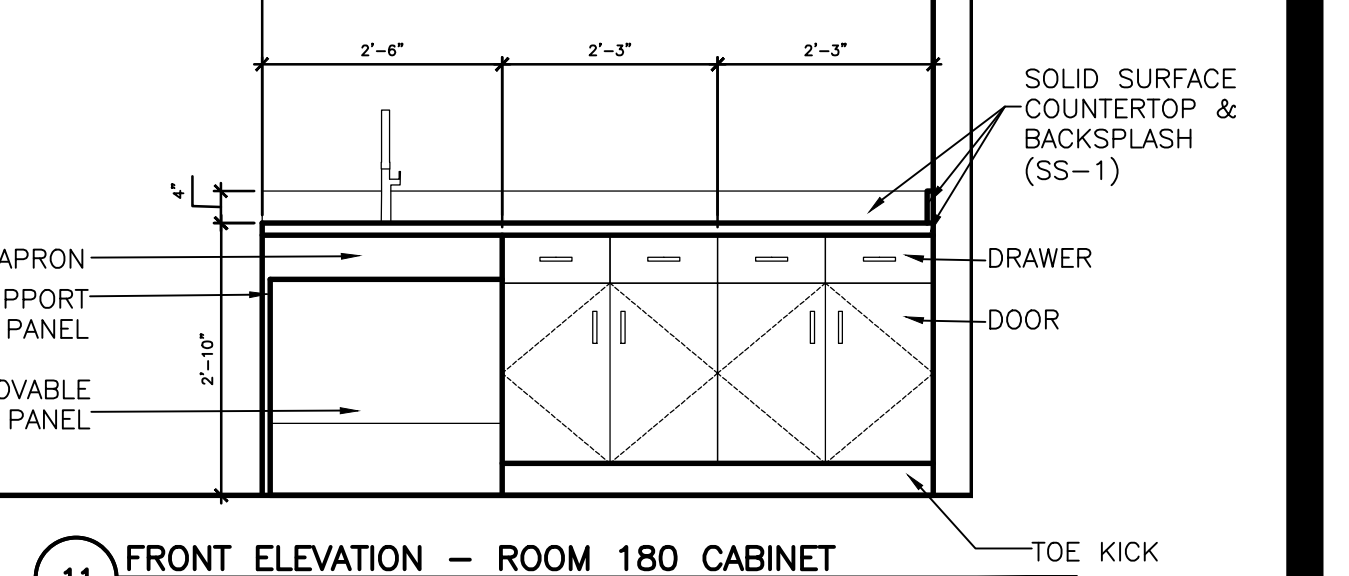
4 SIDE ELEVATION - FIRST FLOOR RECEPTION DESK
SCALE: 1/2" = 1'-0"



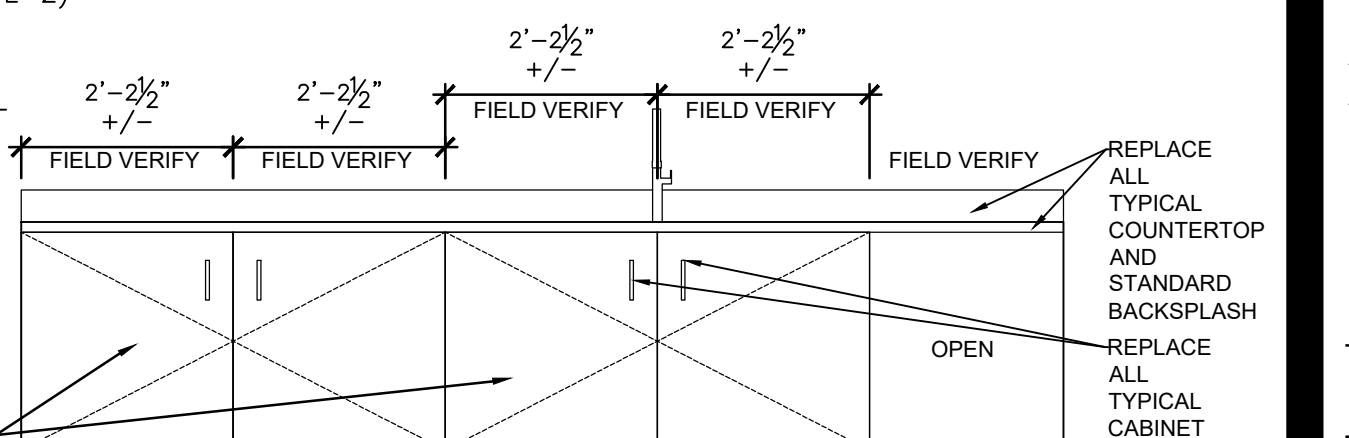
7 SECTION DETAIL - FIRST FLOOR RECEPTION DESK
SCALE: 1/2" = 1'-0"



10 SECTION DETAIL - FIRST FLOOR RECEPTION DESK
SCALE: 1" = 1'-0"



11 FRONT ELEVATION - ROOM 180 CABINET
SCALE: 1" = 1'-0"



14 LAB 211 CABINET ELEVATION REVISED
SCALE: 1" = 1'-0"



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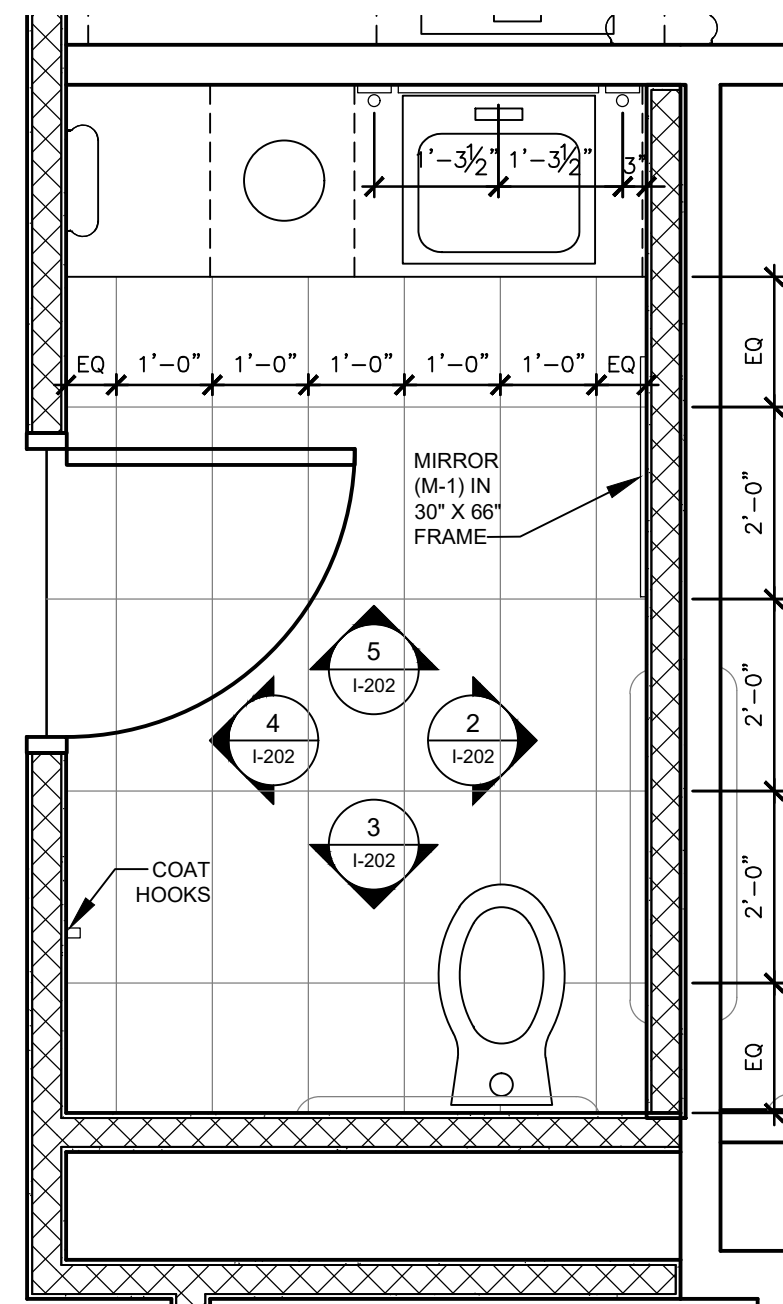
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DRAWN BY: XX
CHECKED BY: XX
DESIGNED BY: XX

SHEET TITLE:
**CABINET
ELEVATIONS
& SECTIONS**

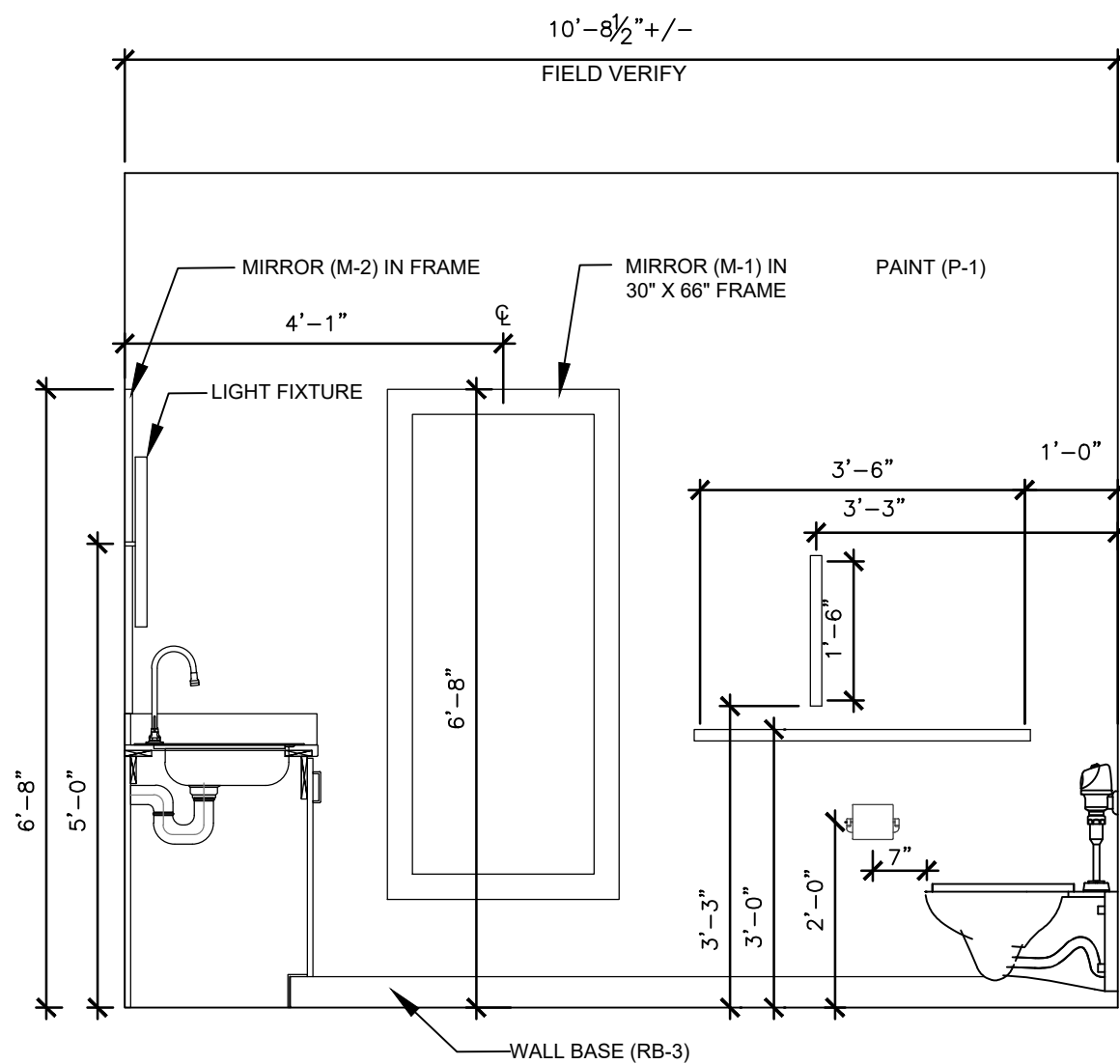
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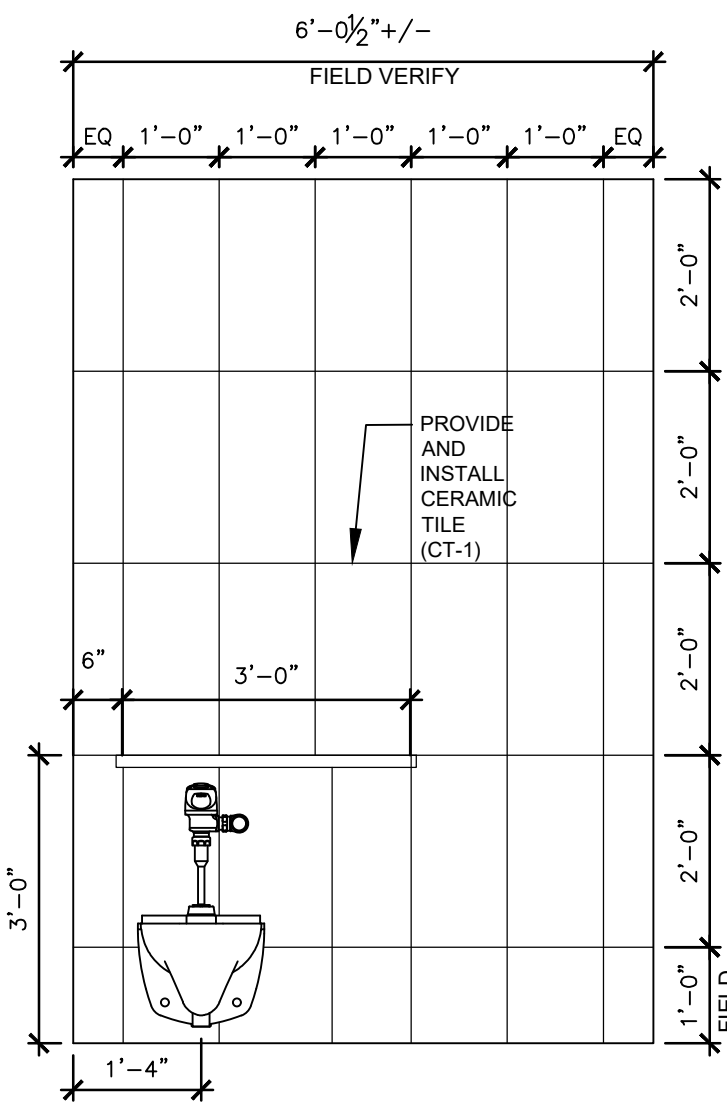
19 OF 50 SHEETS
11/7/2024



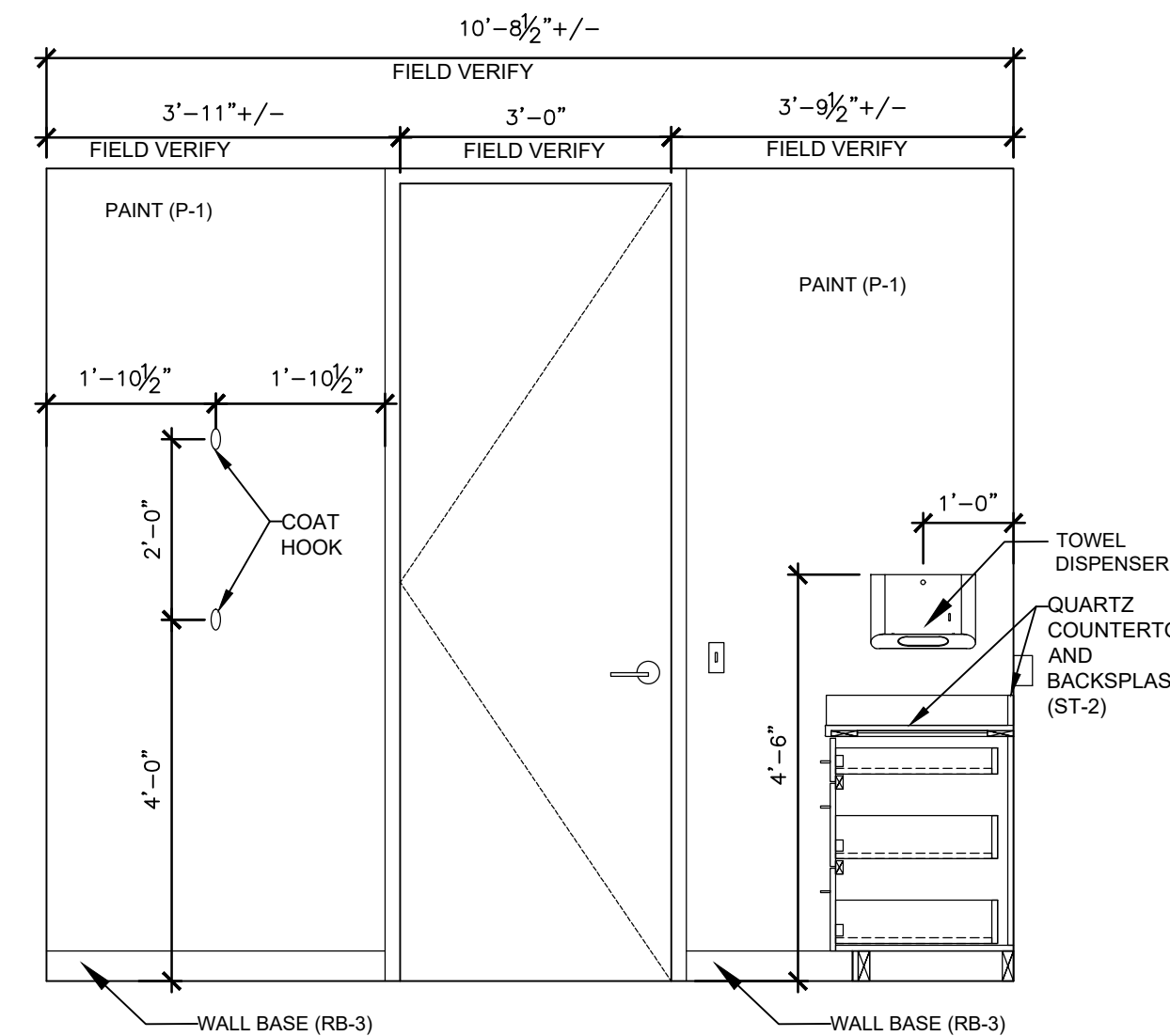
1 RESTROOM #505 ENLARGED PLAN
SCALE: 1/2" = 1'-0"



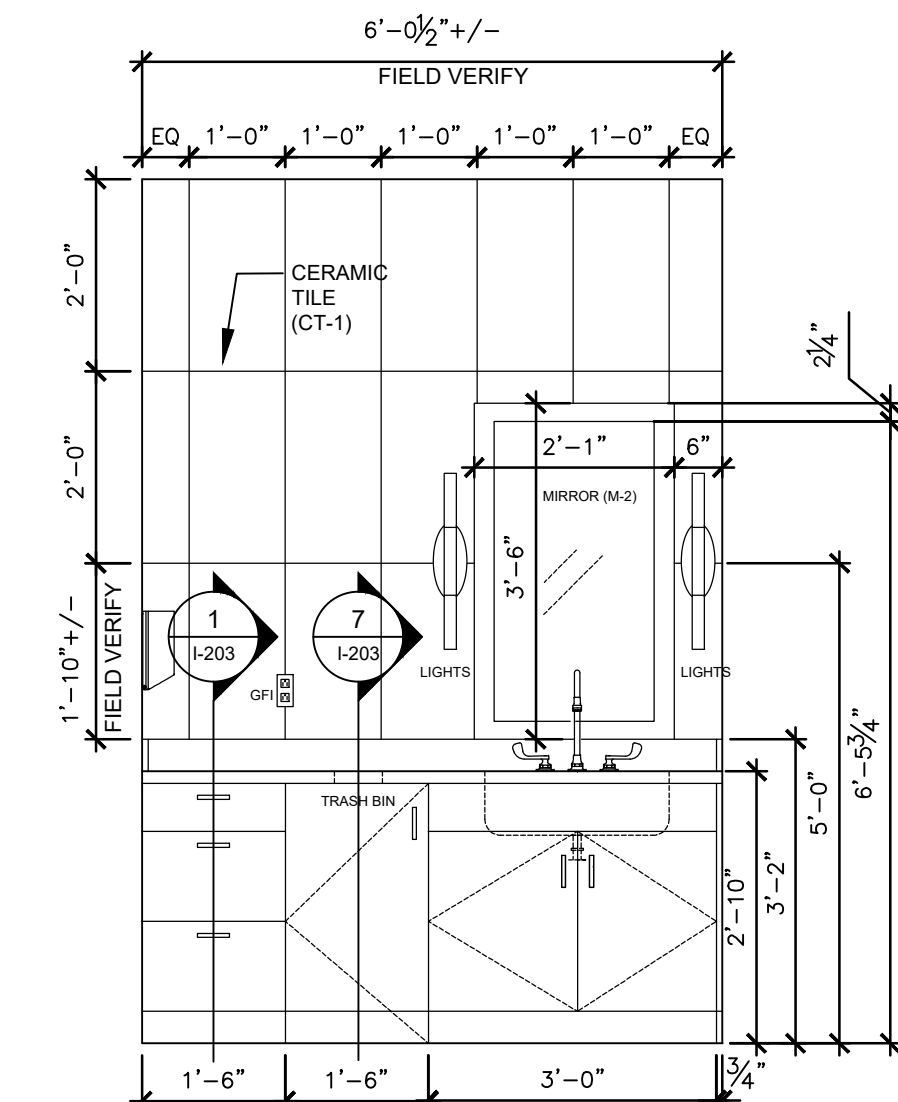
2 RESTROOM #505 ELEVATION
SCALE: 1/2" = 1'-0"



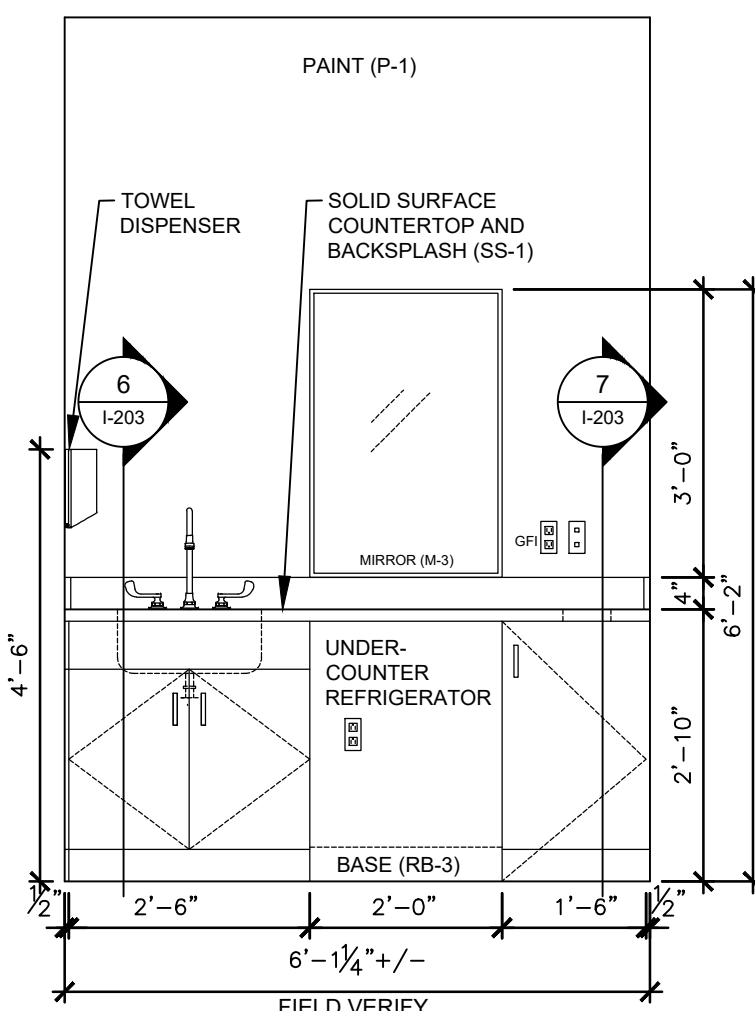
3 RESTROOM #505 ELEVATION
SCALE: 1/2" = 1'-0"



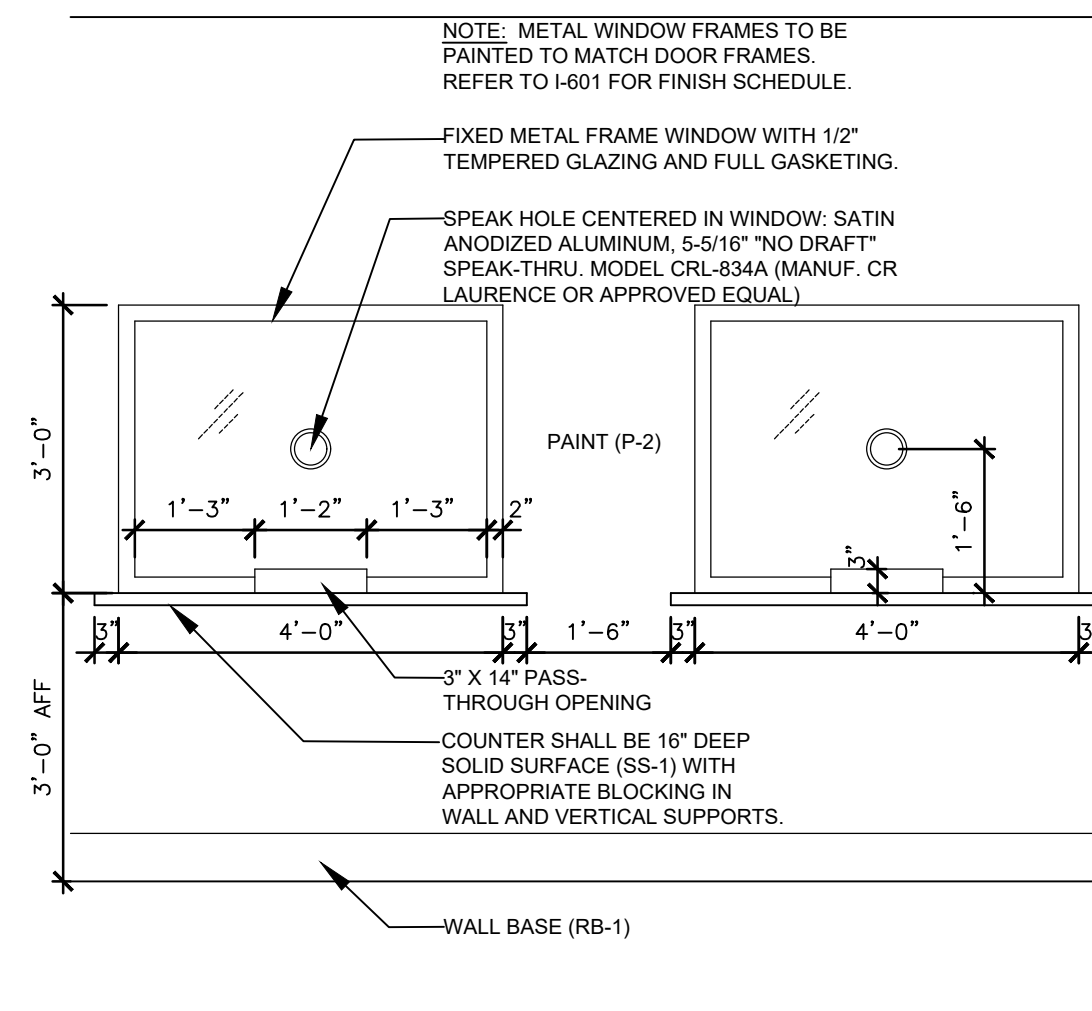
4 RESTROOM #505 ELEVATION
SCALE: 1/2" = 1'-0"



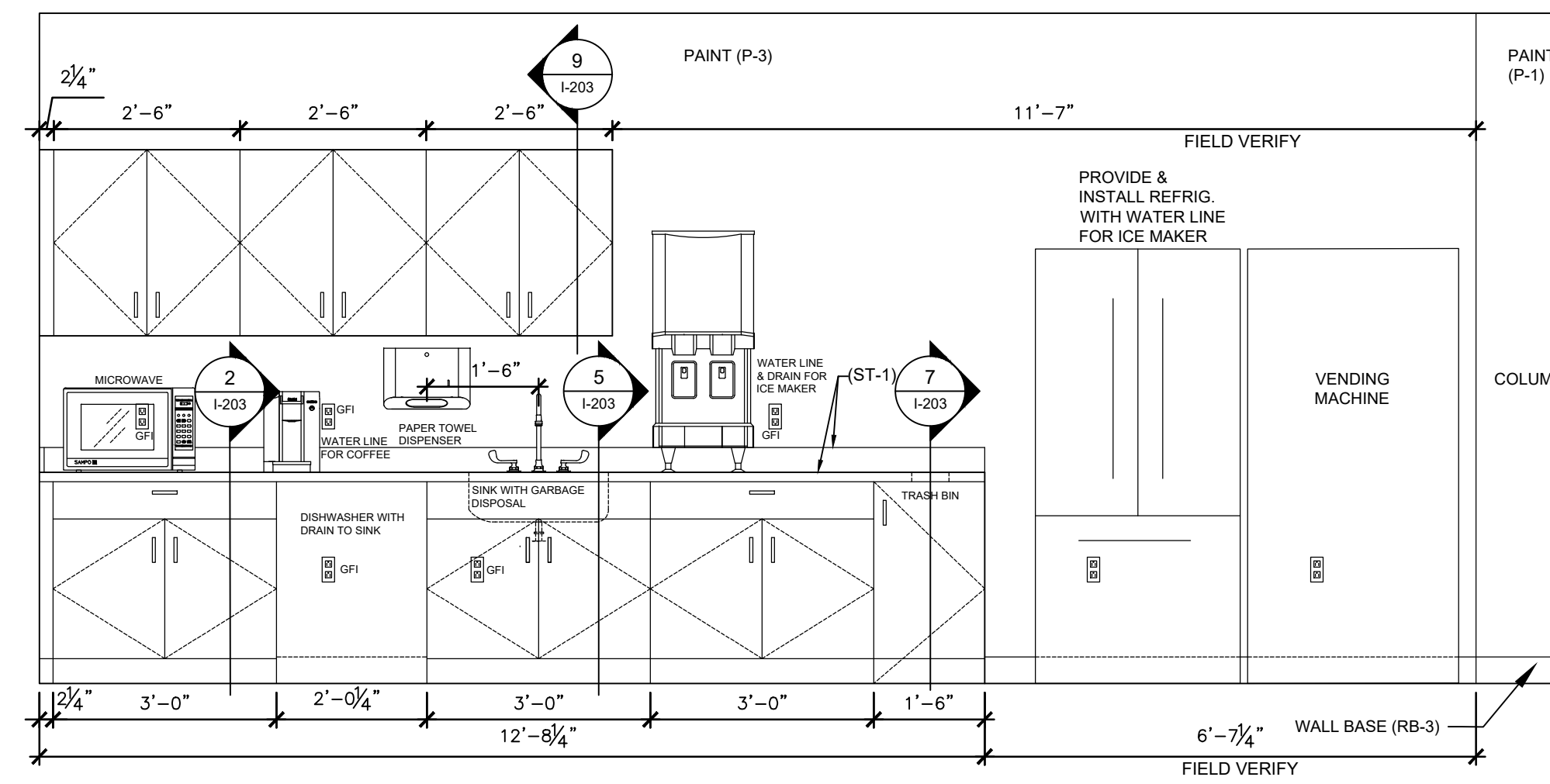
5 RESTROOM #505 ELEVATION
SCALE: 1/2" = 1'-0"



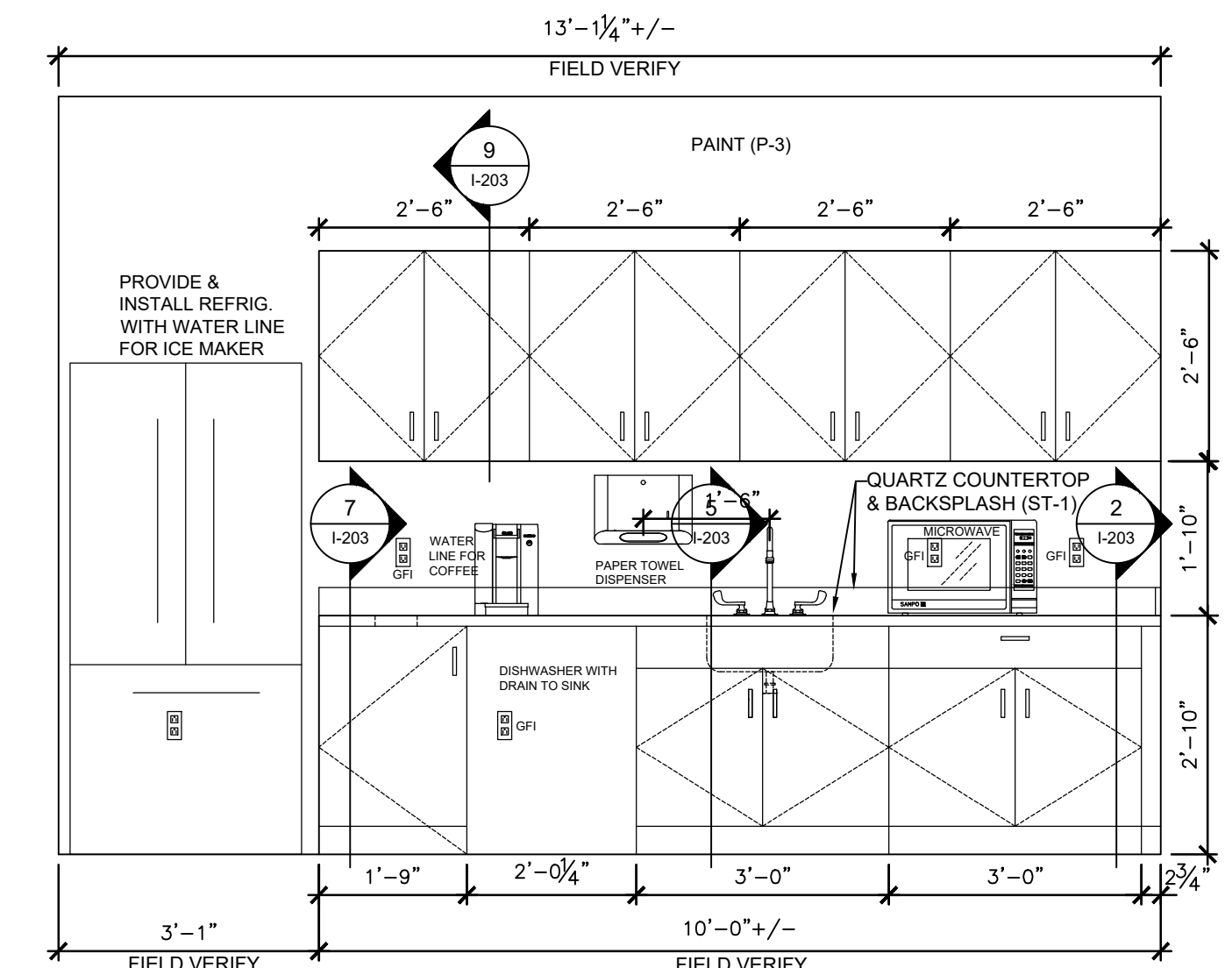
6 MOTHERS #569 ELEVATION
SCALE: 1/2" = 1'-0"



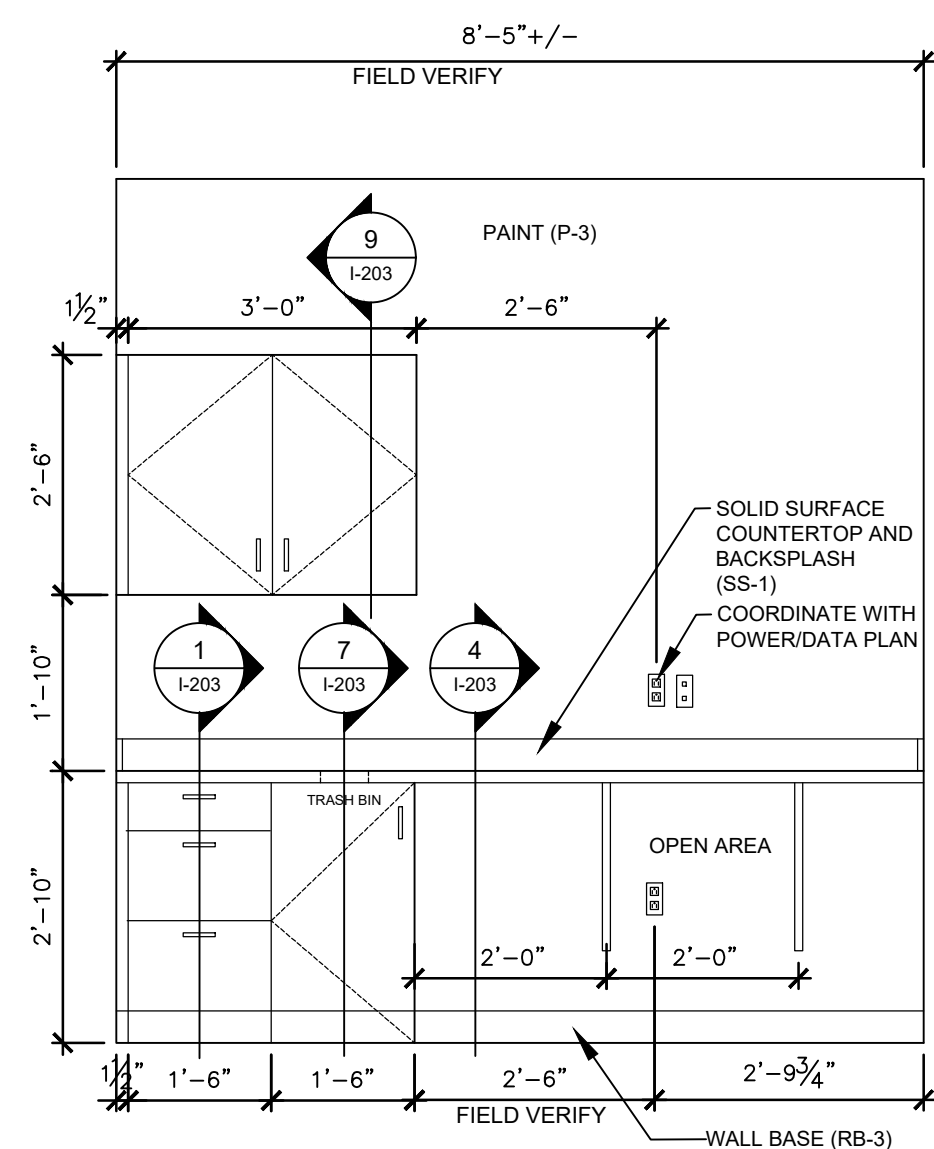
7 WAITING #543 ELEVATION
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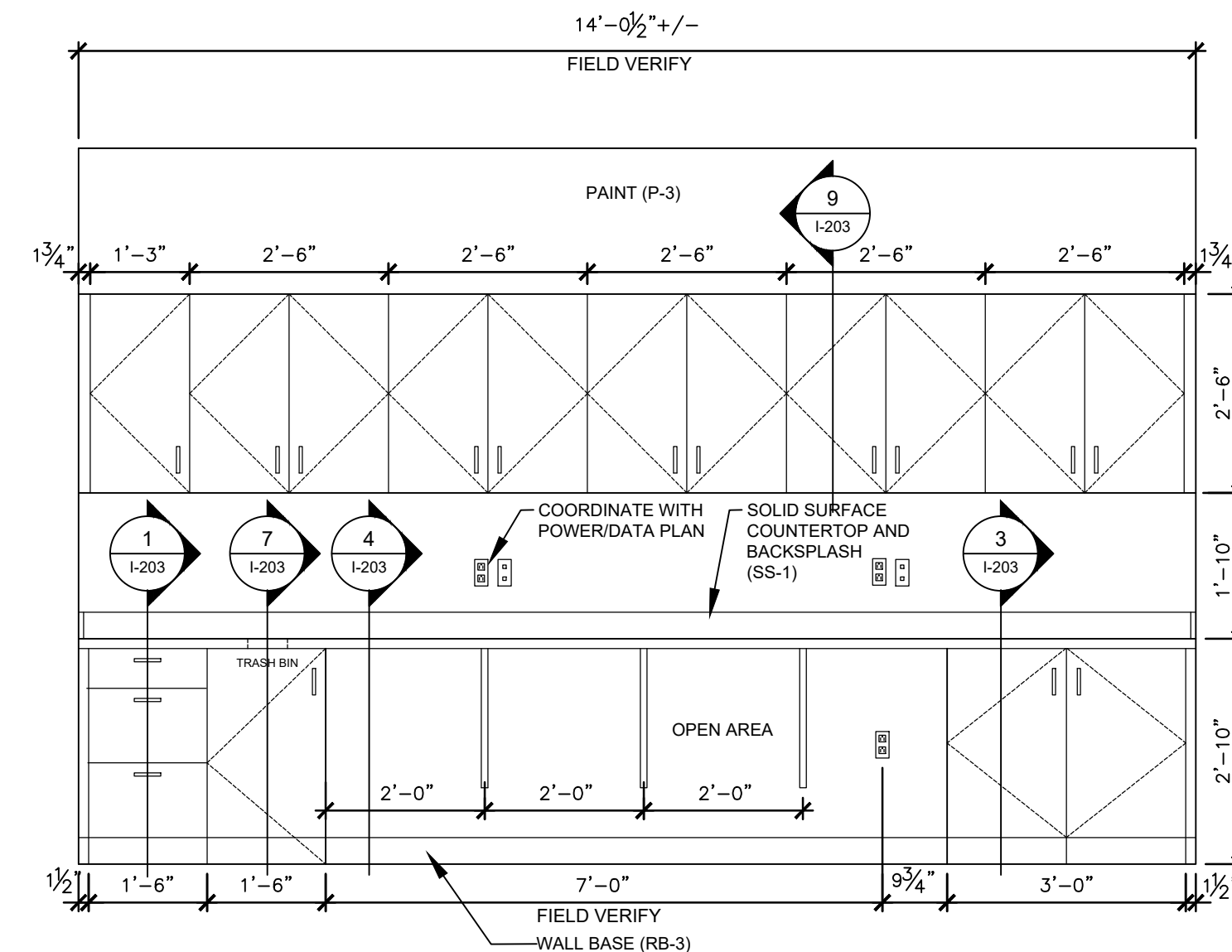
8 BREAKROOM #510 ELEVATION
SCALE: 1/2" = 1'-0"



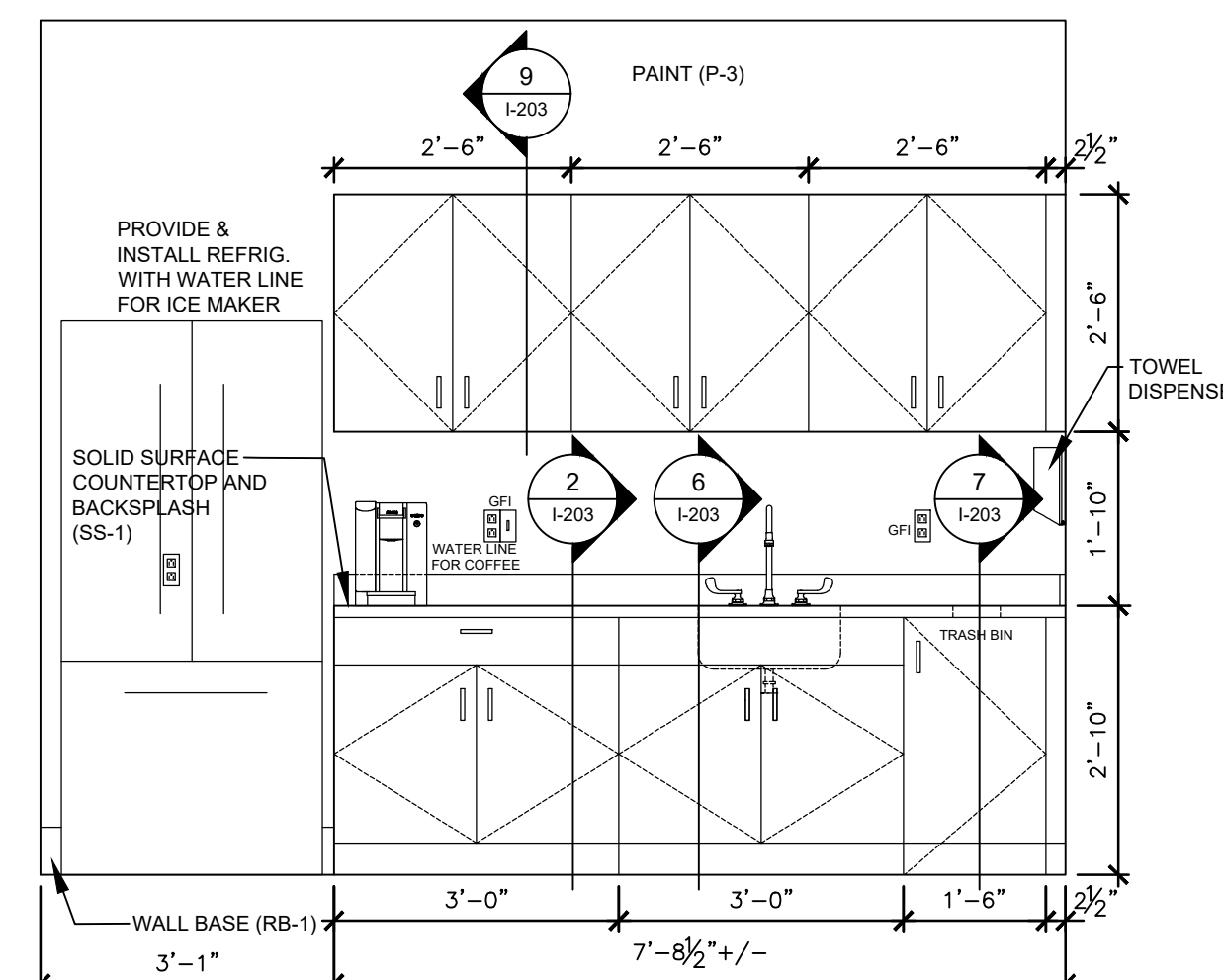
9 BREAKROOM #526 ELEVATION
SCALE: 1/2" = 1'-0"



10 WORKROOM #524 ELEVATION
SCALE: 1/2" = 1'-0"



11 WORKROOM #540 ELEVATION
SCALE: 1/2" = 1'-0"



12 BREAKROOM #568 ELEVATION
SCALE: 1/2" = 1'-0"



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ISSUE DATE: 11/7/2024

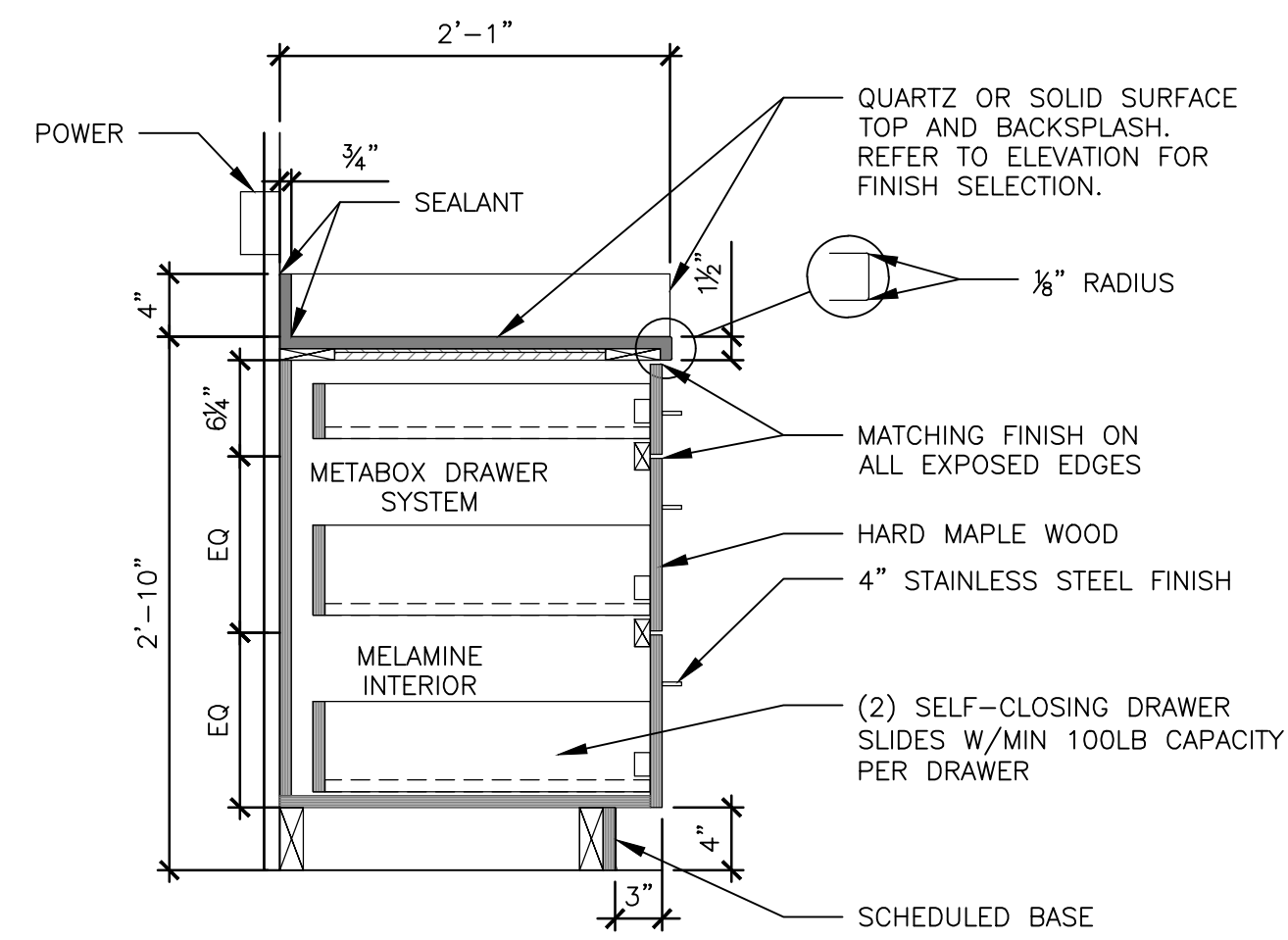
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DRAWN BY: XX
CHECKED BY: XX
DESIGNED BY: XX

SHEET TITLE:
**CABINET
ELEVATIONS
& SECTIONS**

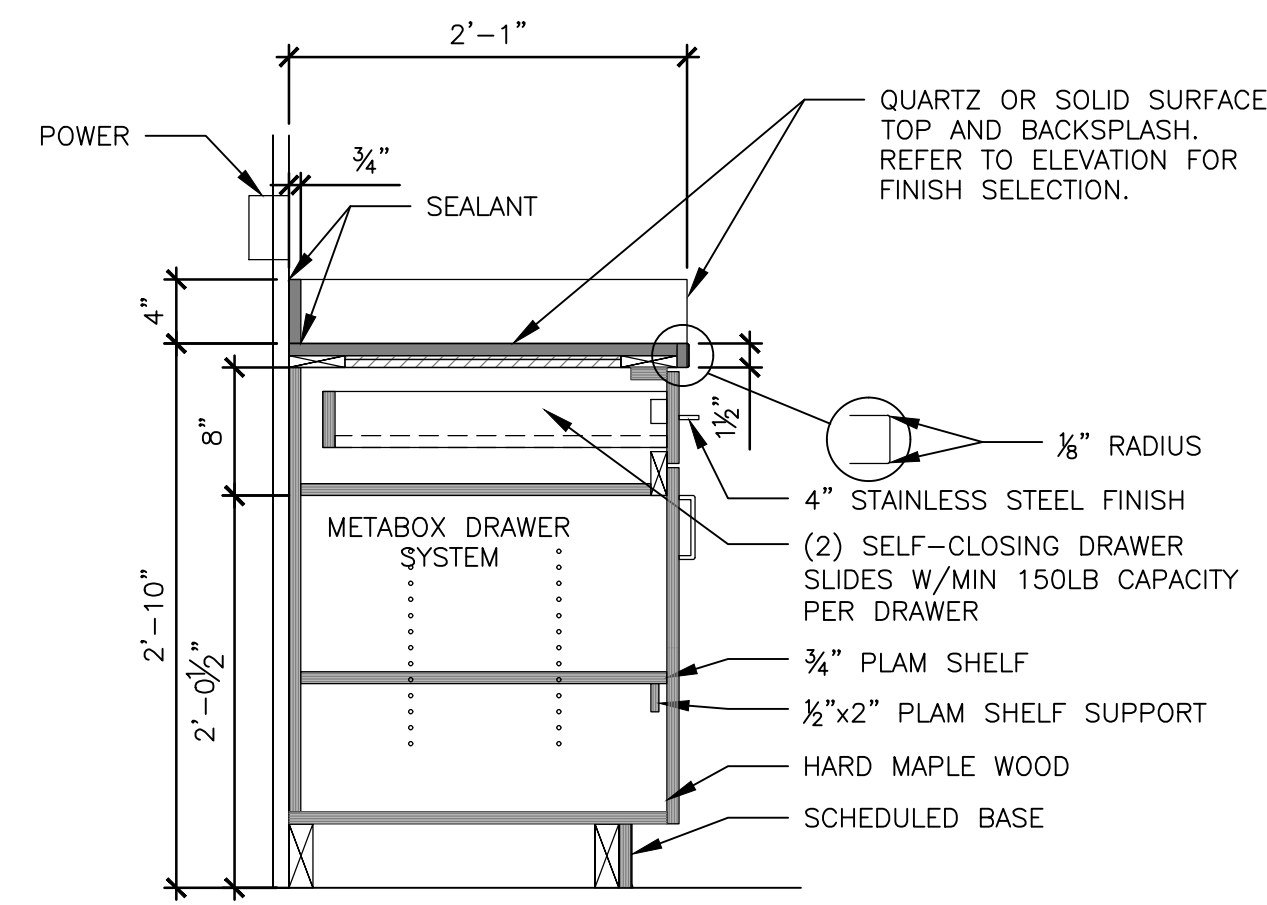
SHEET NUMBER:

I-203

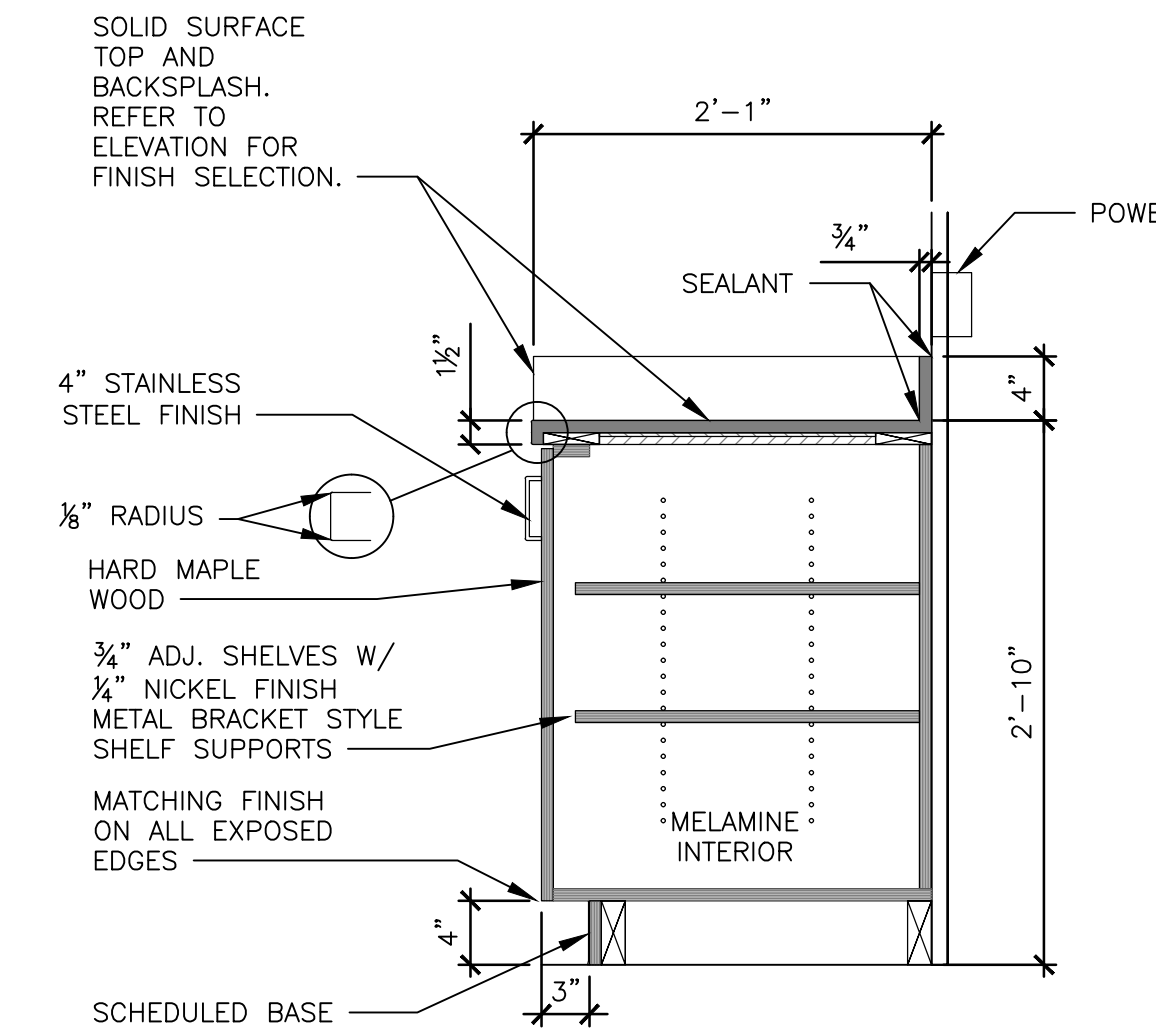
20 OF 50 SHEETS
11/7/2024



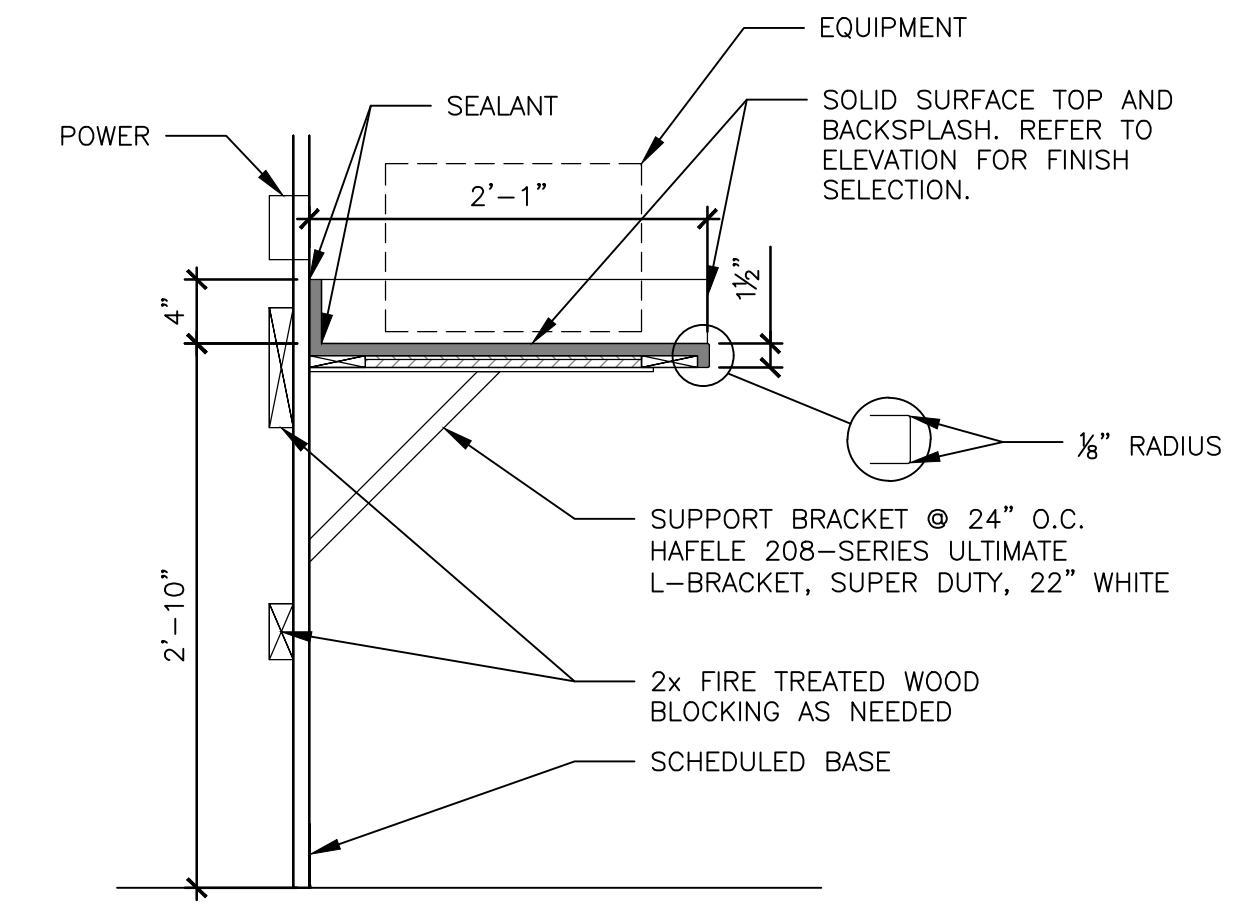
1 BREAKROOM (3) DRAWER SECTION
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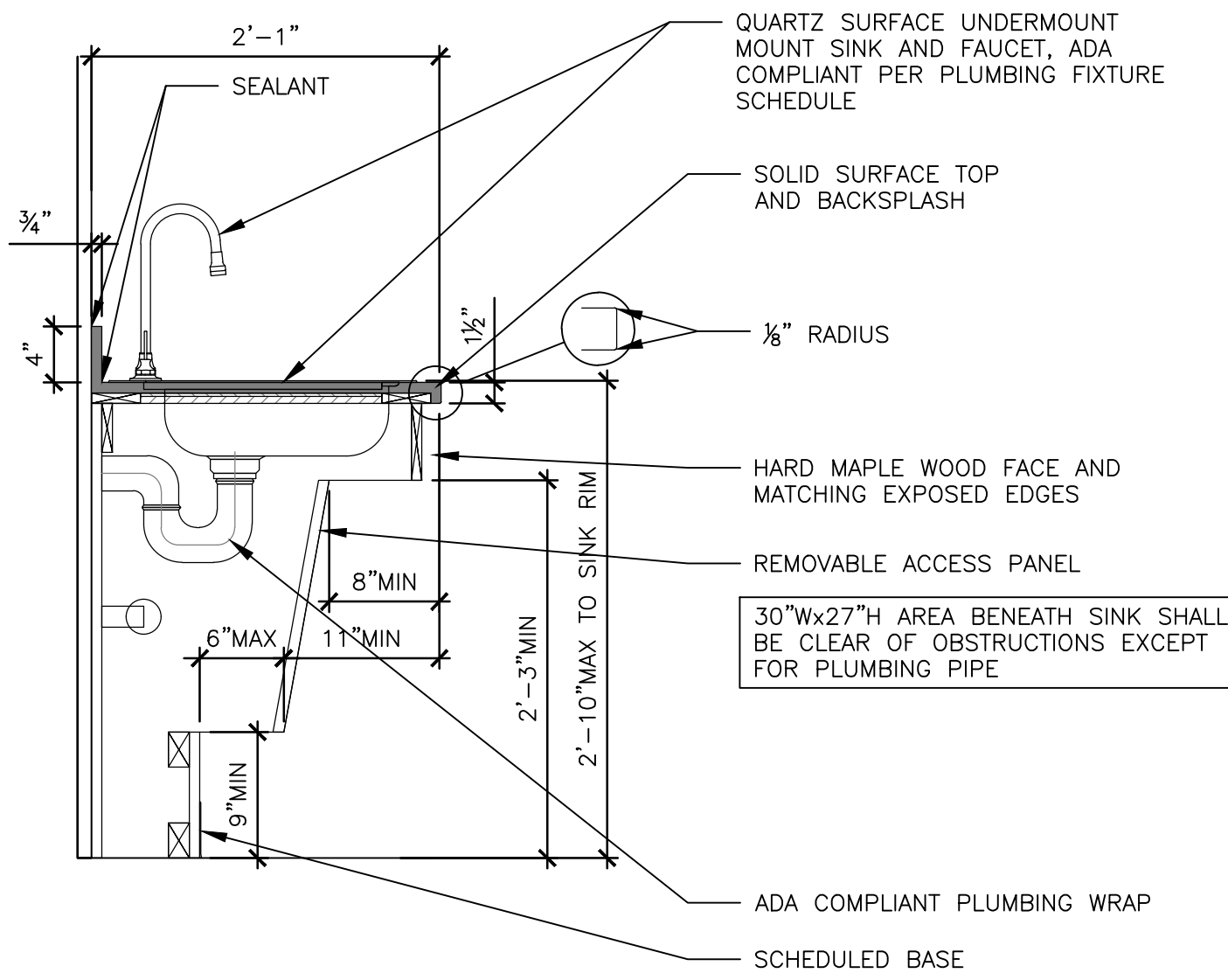
2 BREAKROOM SINGLE DRAWER SECTION
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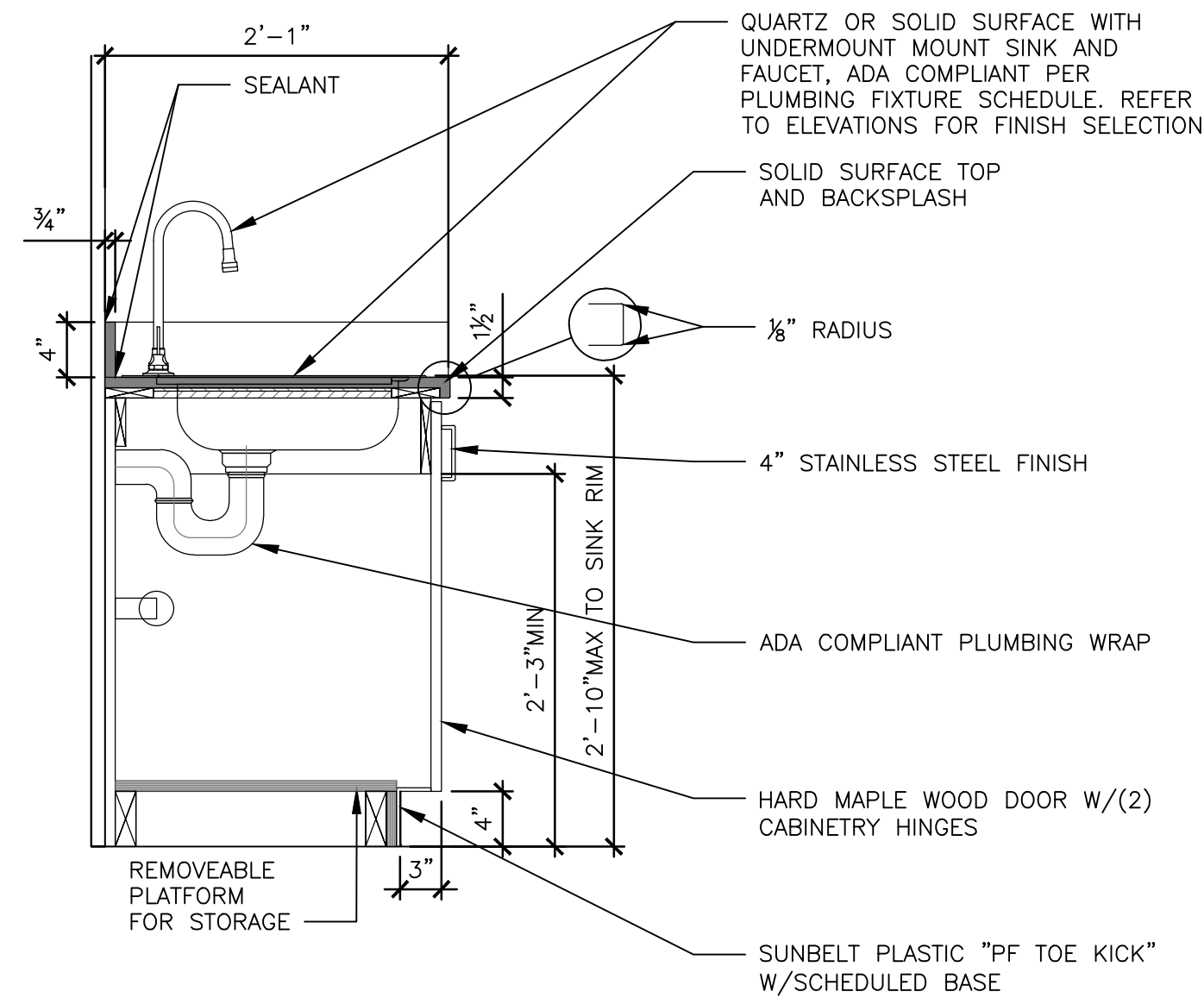
3 WORKROOM #524 & #540 SECTION
SCALE: 1" = 1'-0"



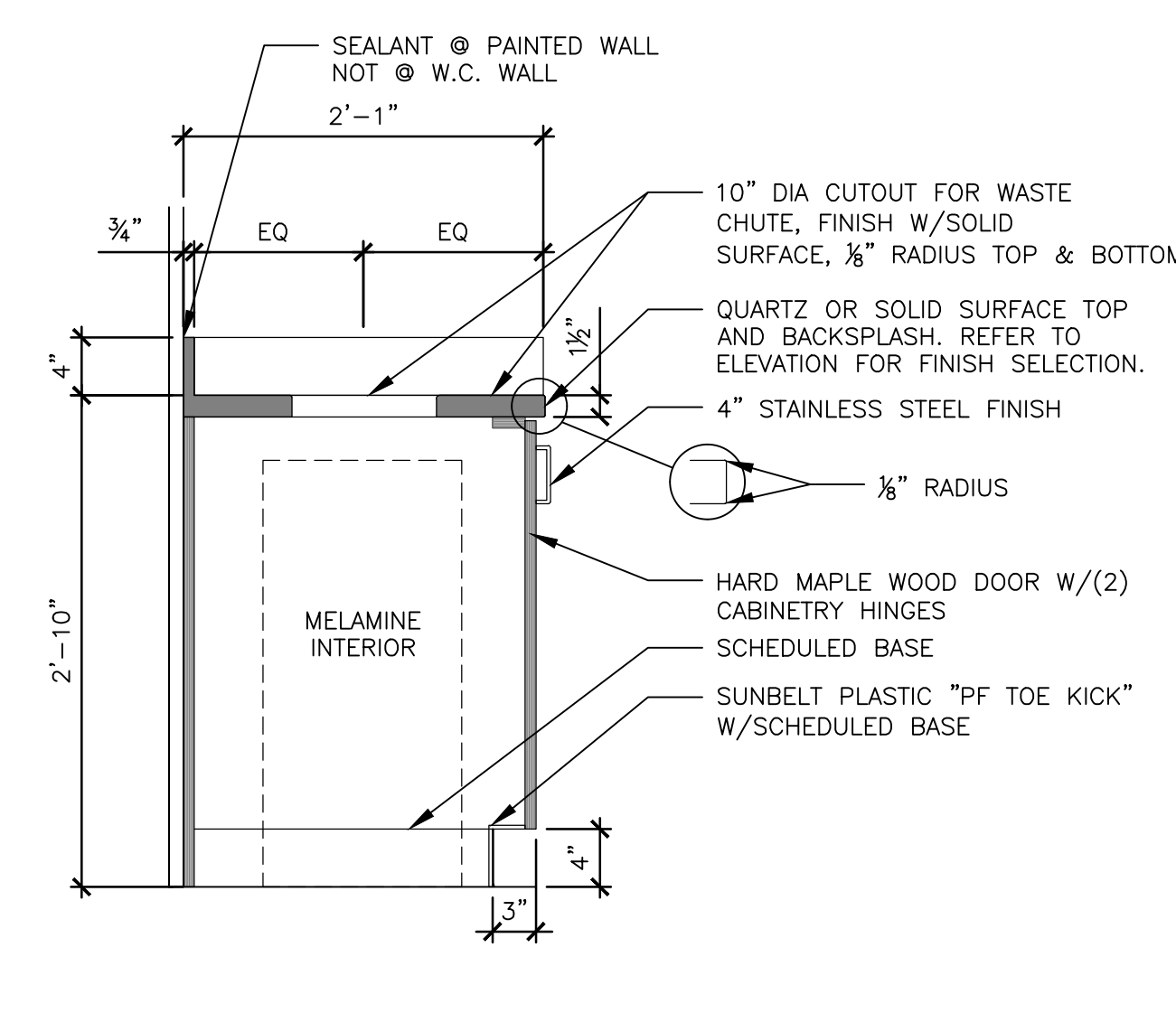
4 WORKROOM #524 & #540 SECTION
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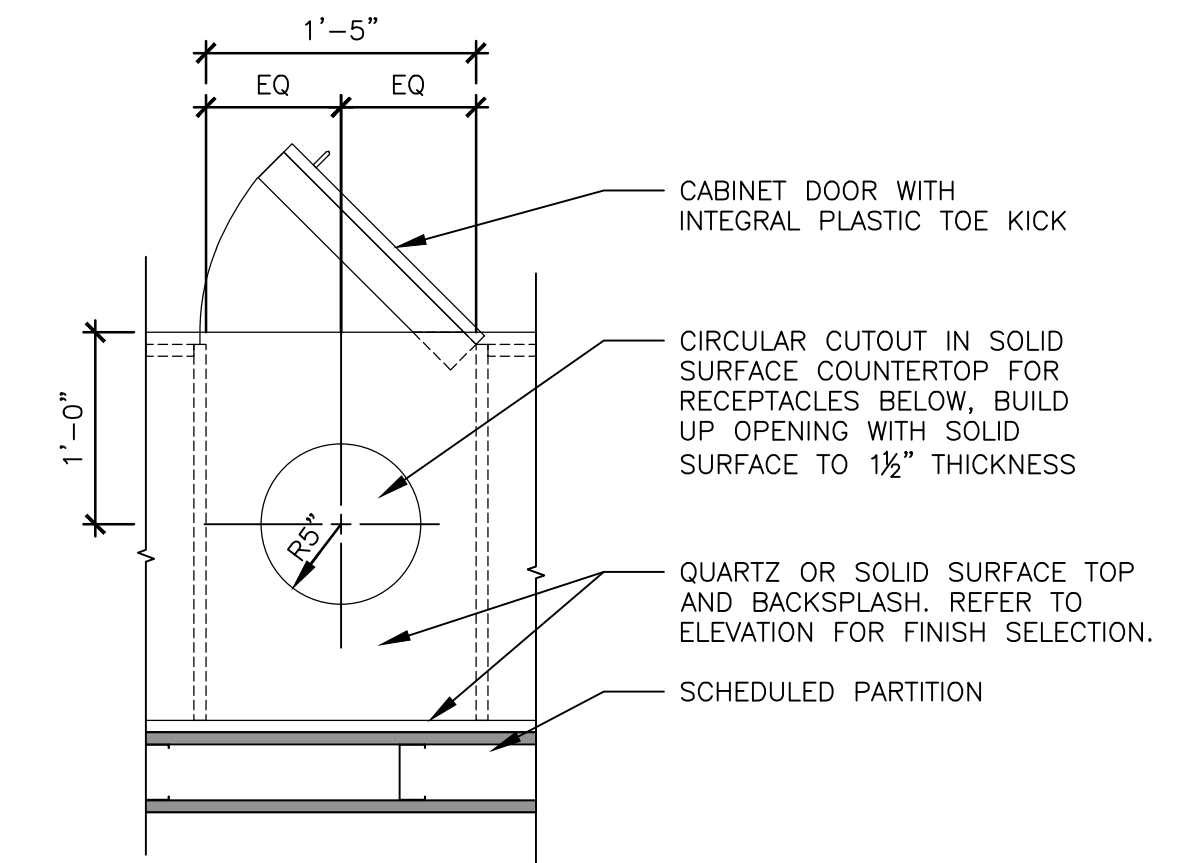
5 BREAKROOM #510 SECTION
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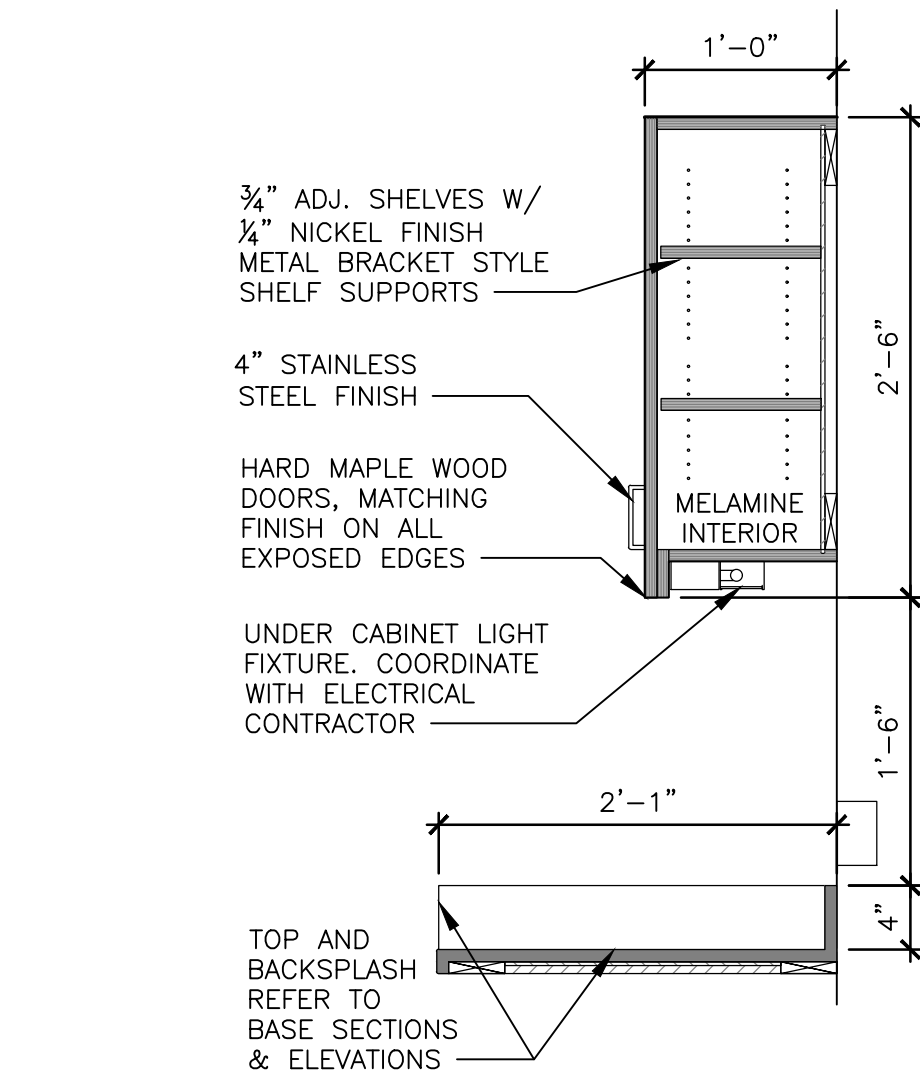
6 ADAPABLE ADA SECTION
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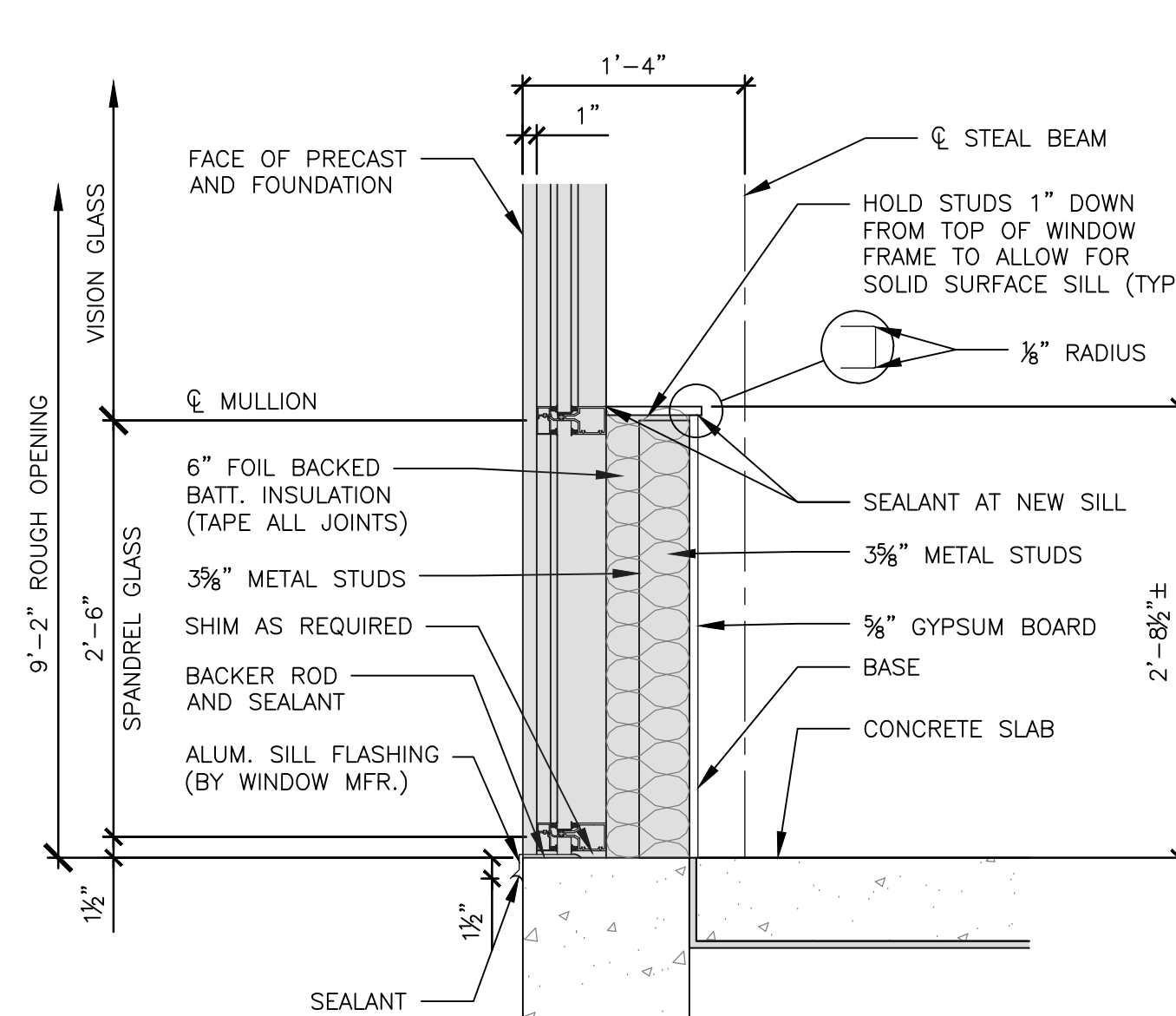
7 TRASH BIN SECTION
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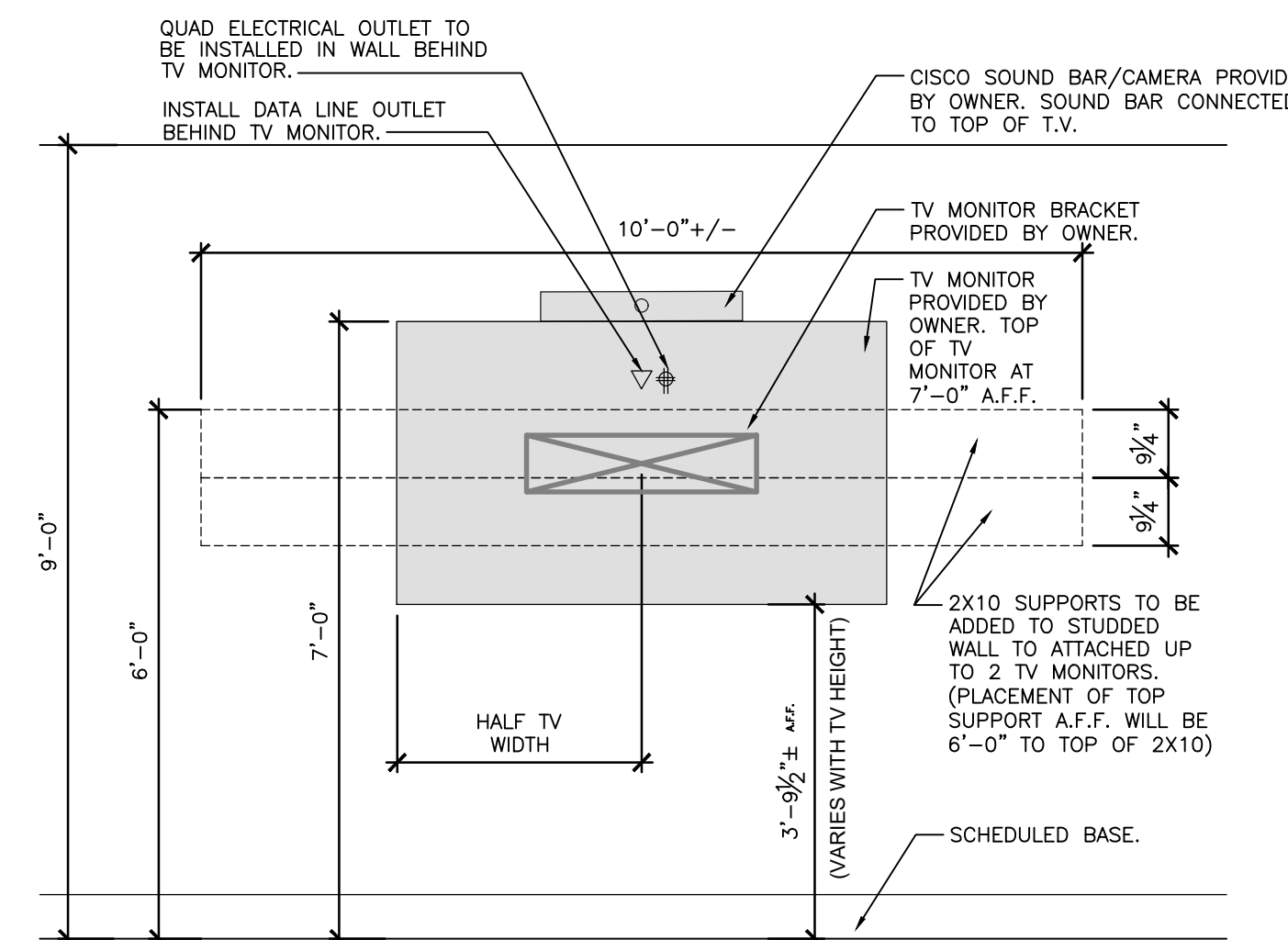
8 TRASH BIN ENLARGED PLAN
SCALE: 1" = 1'-0"



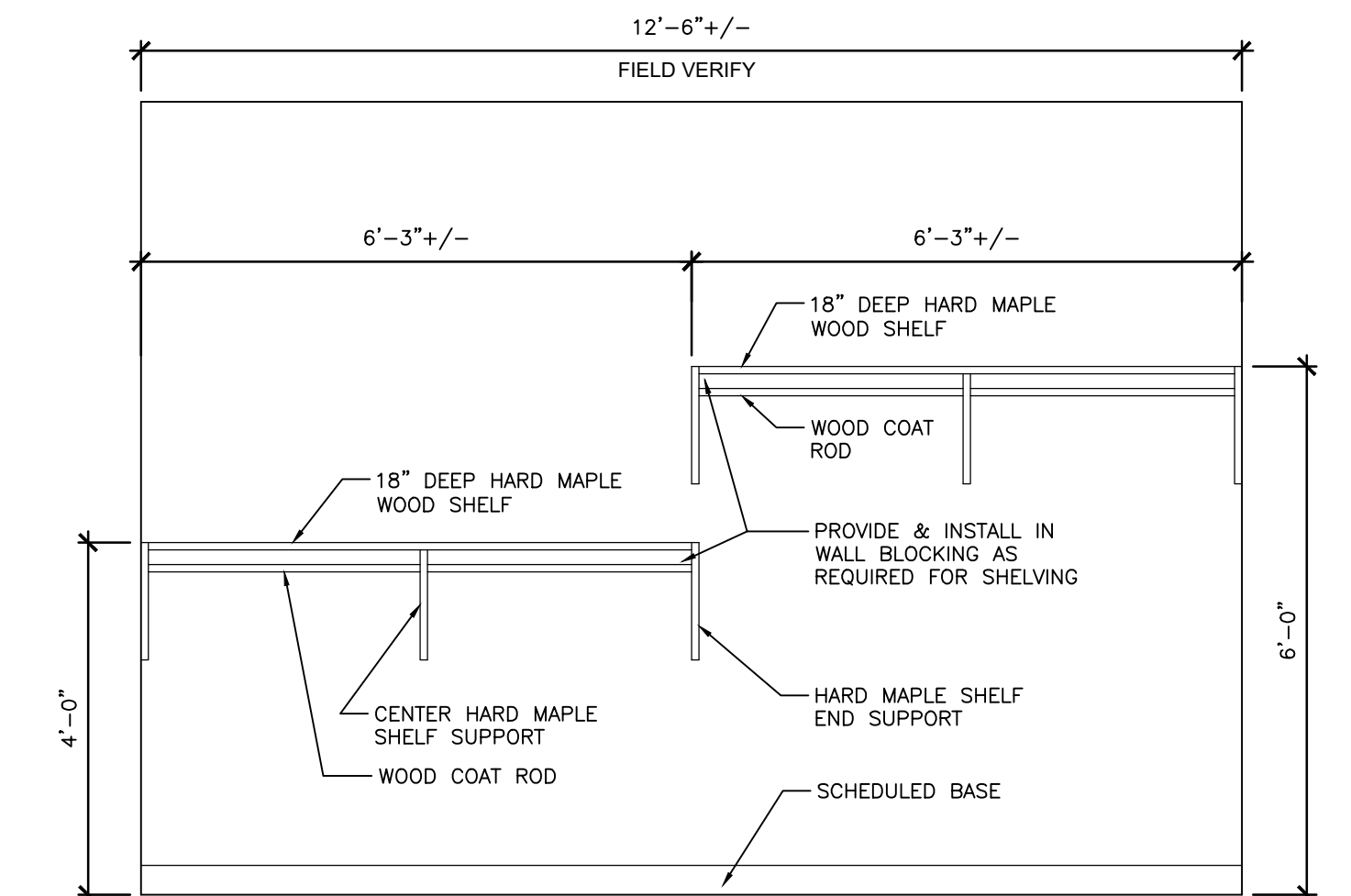
9 UPPER CABINETS SECTION
SCALE: 1" = 1'-0"



10 WINDOW SILL SECTION
SCALE: 1" = 1'-0"



11 WALL MOUNTED TV ELEVATION
SCALE: 1/2" = 1'-0"



12 STORAGE #527 ELEVATION
SCALE: 1/2" = 1'-0"



Brad M. Schaefer - Architect
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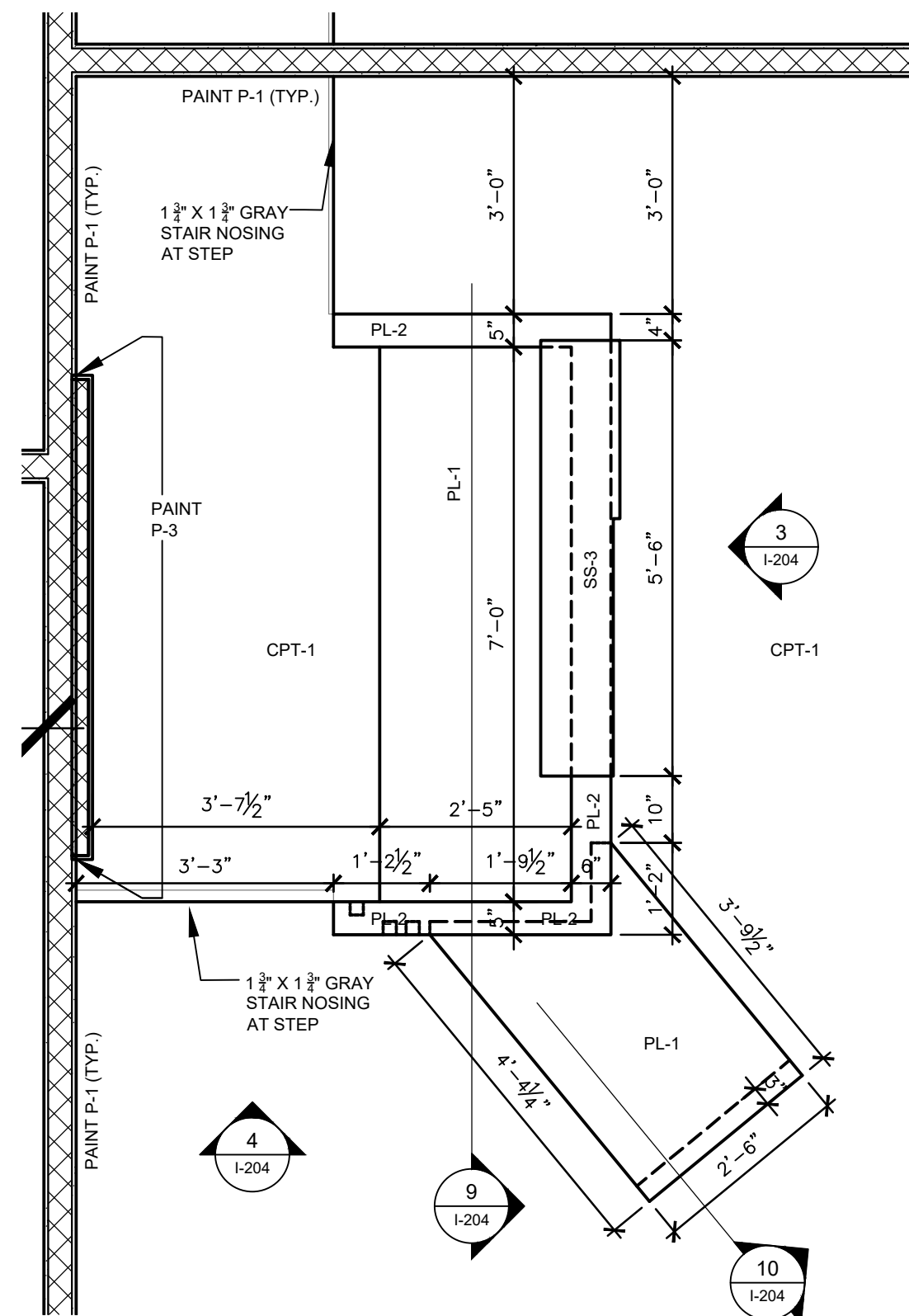
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DRAWN BY: XX
CHECKED BY: XX
DESIGNED BY: XX

SHEET TITLE:
**CABINET
ELEVATIONS
& SECTIONS**

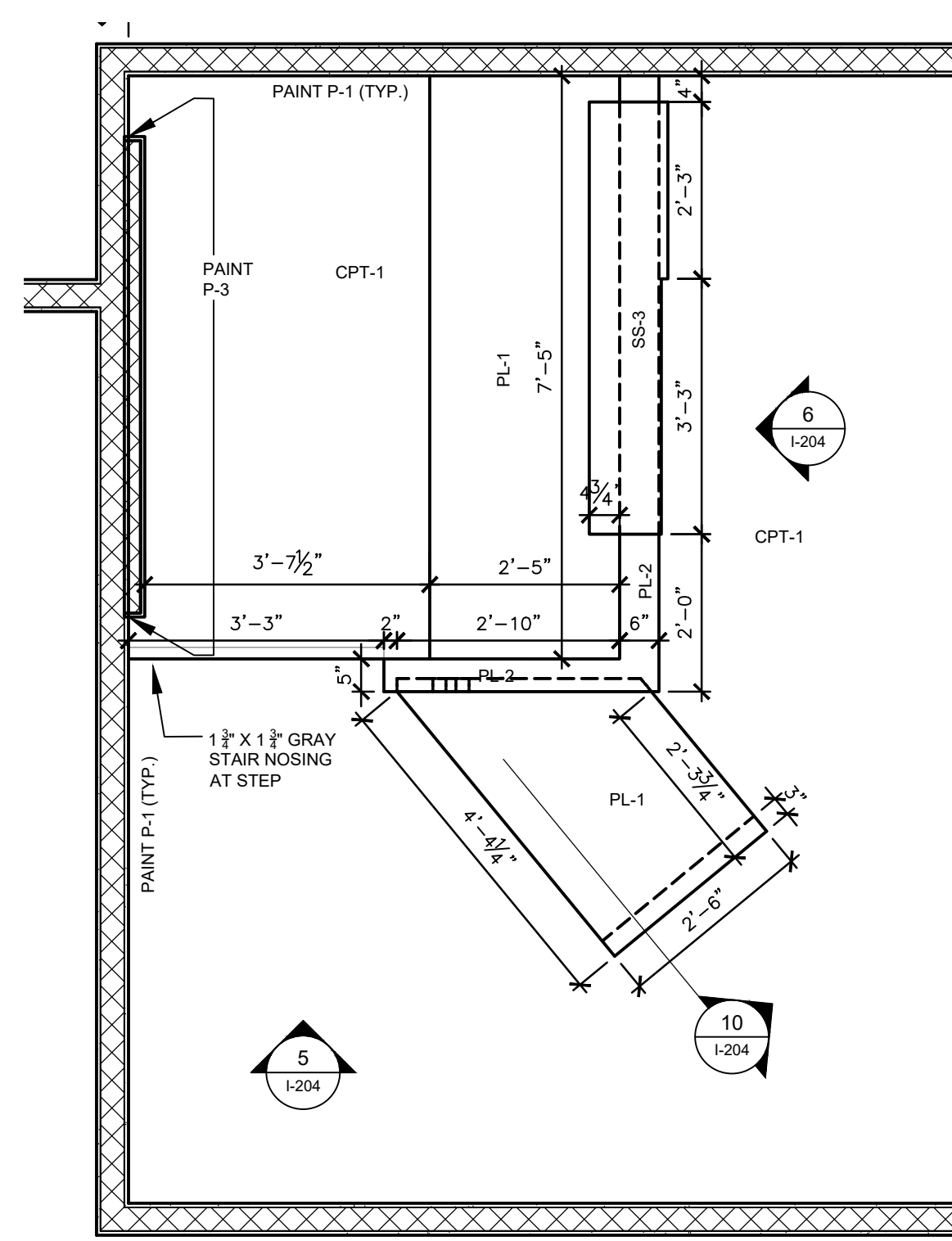
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I-204

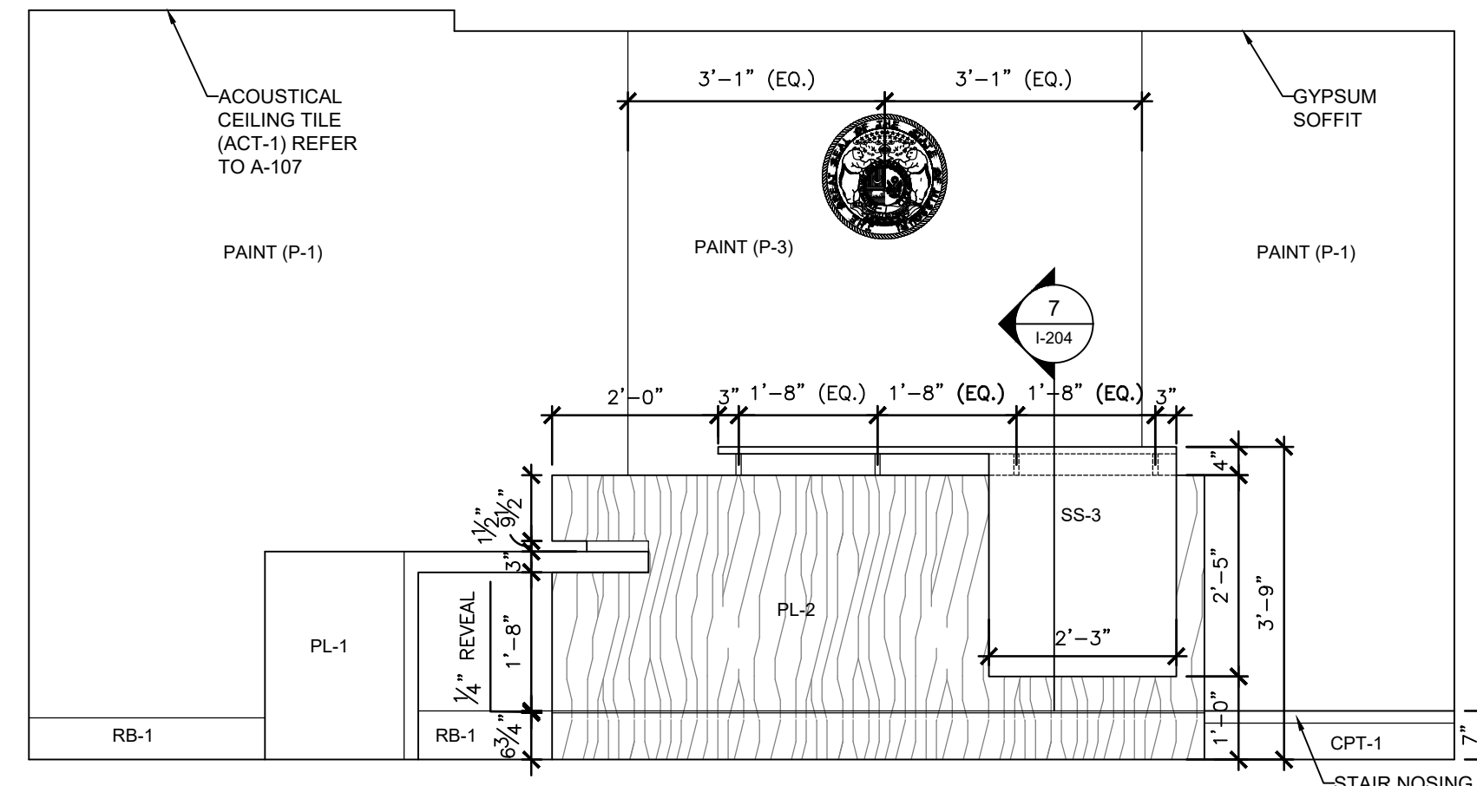
21 OF 50 SHEETS
11/7/2024



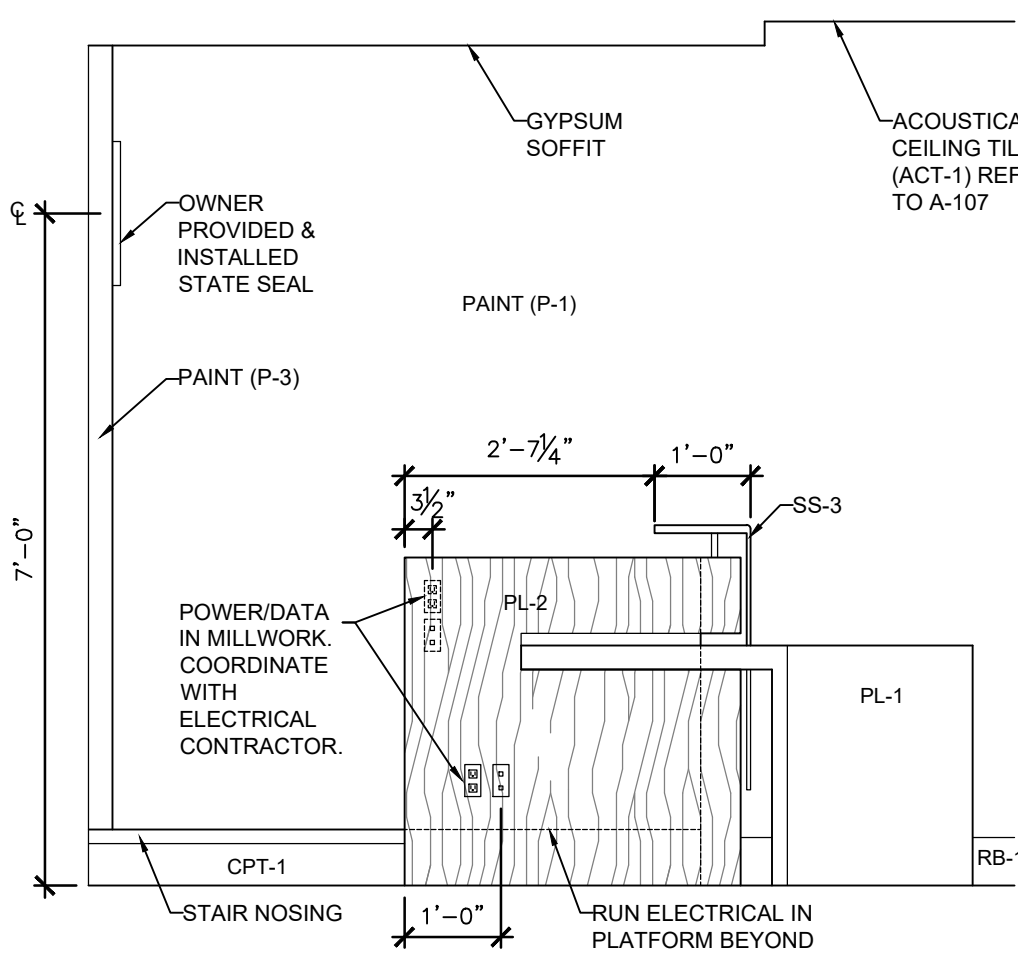
1 HEARINGS #555 ENLARGED PLAN
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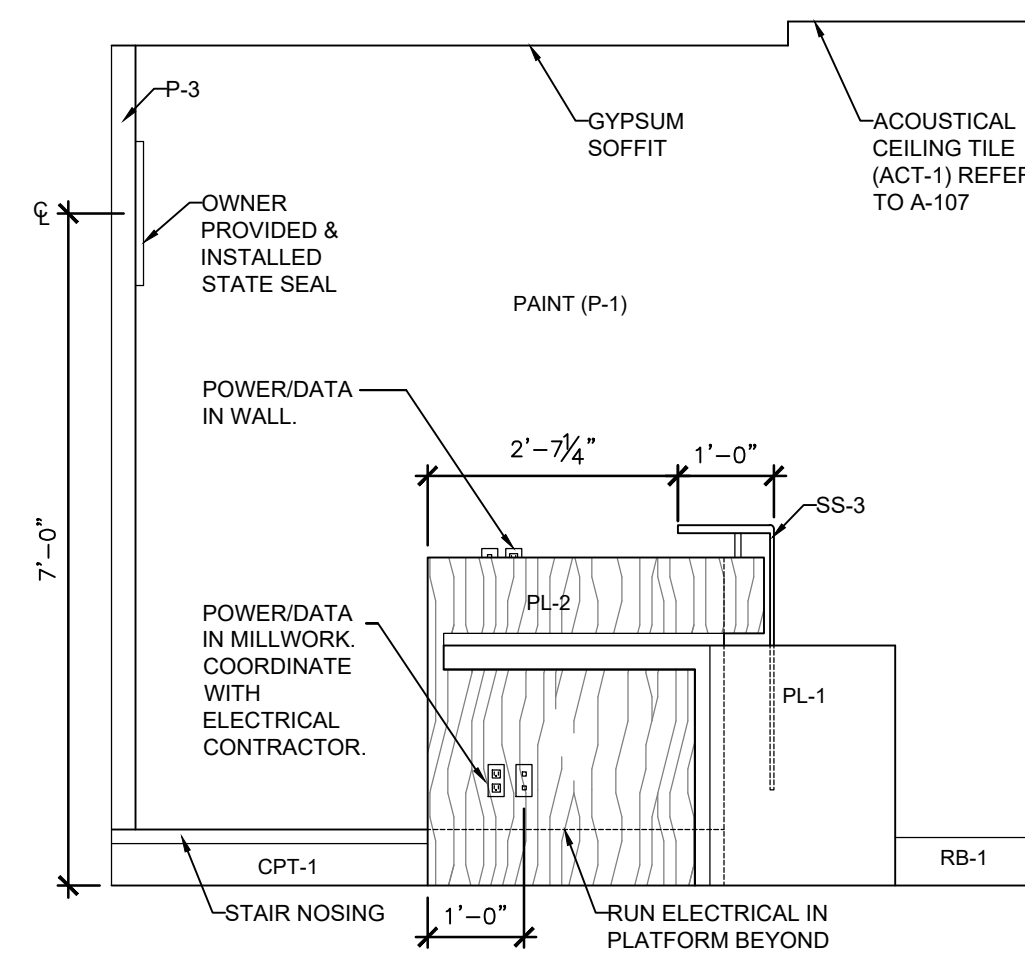
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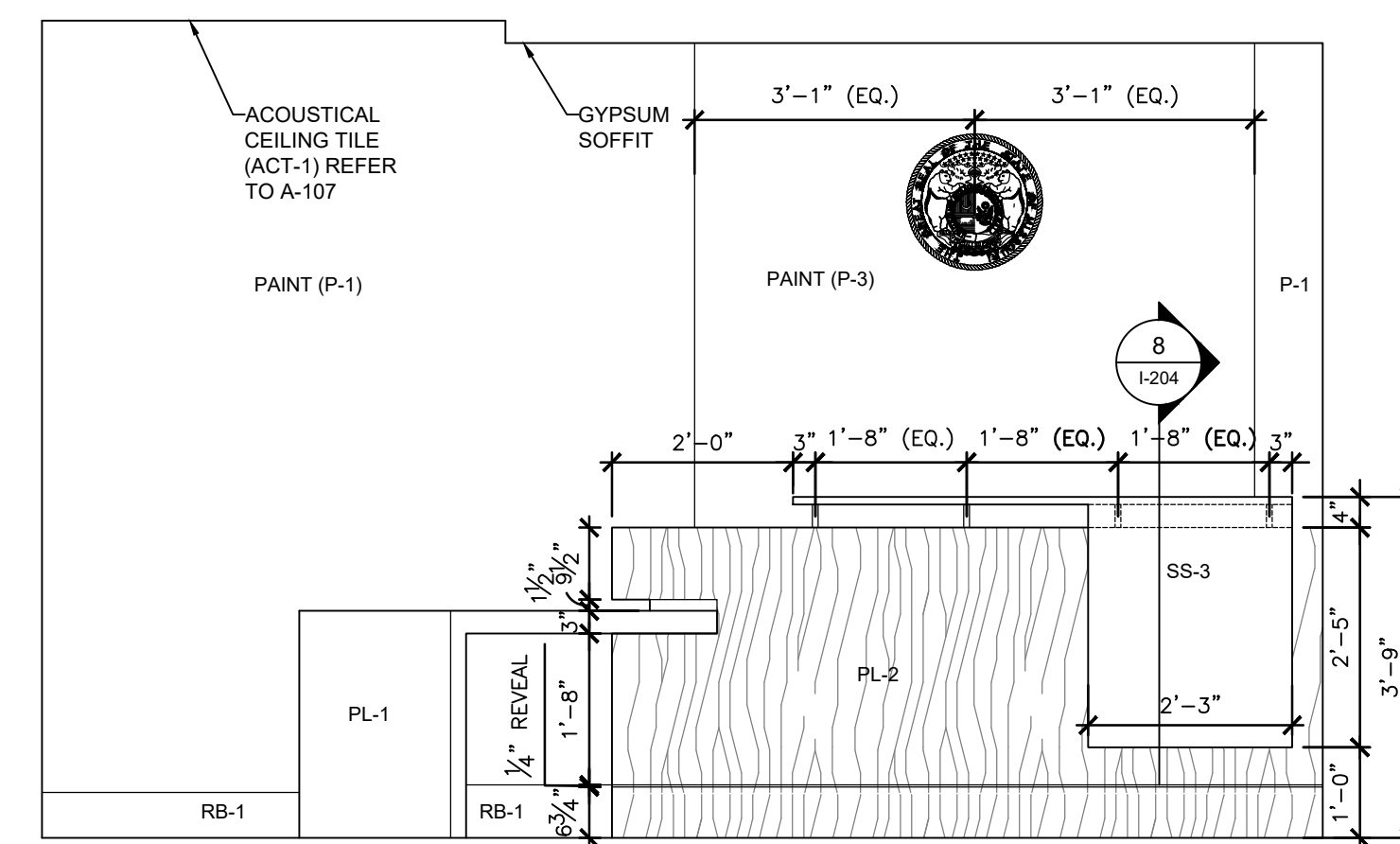
3 HEARINGS #555 ELEVATION
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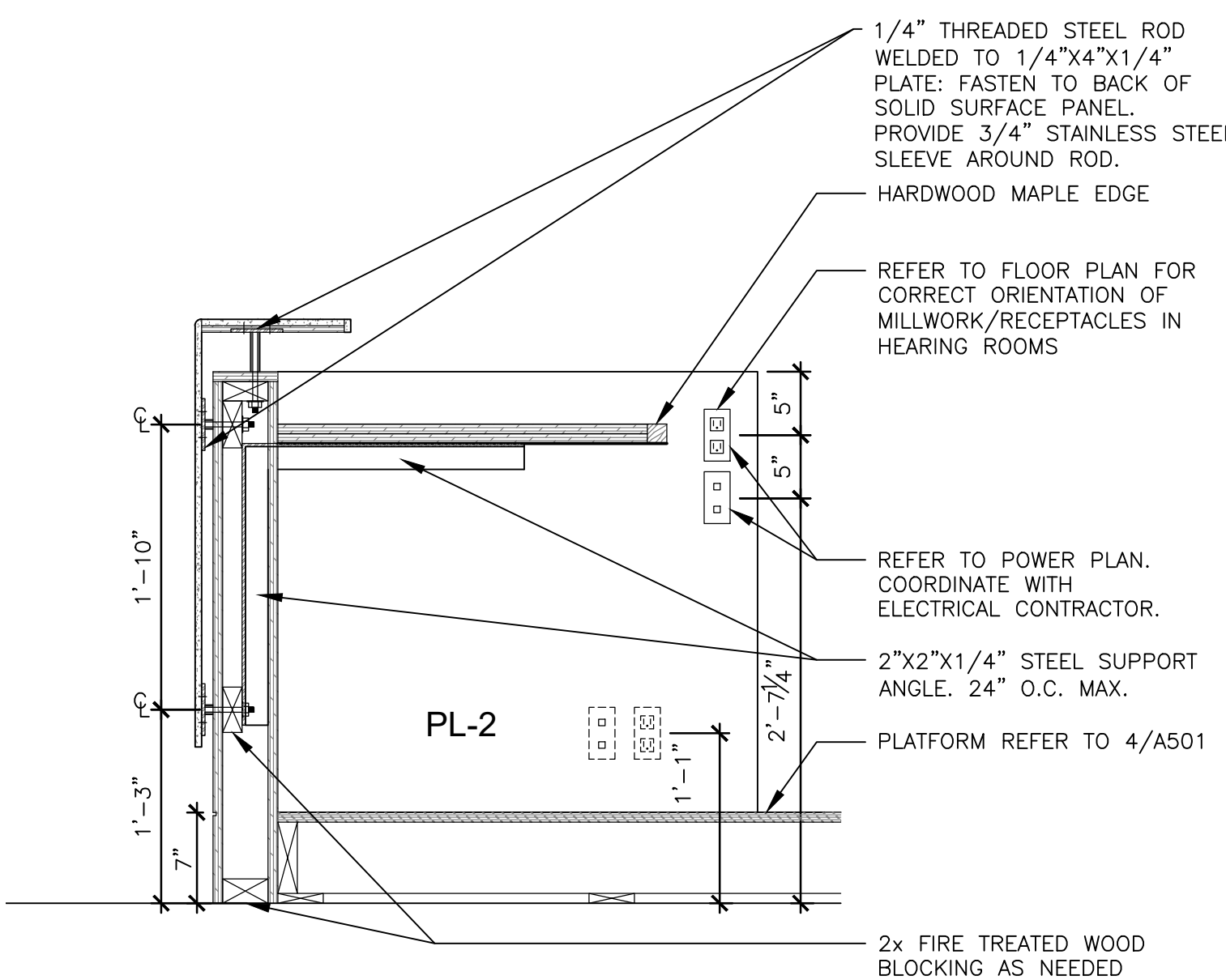
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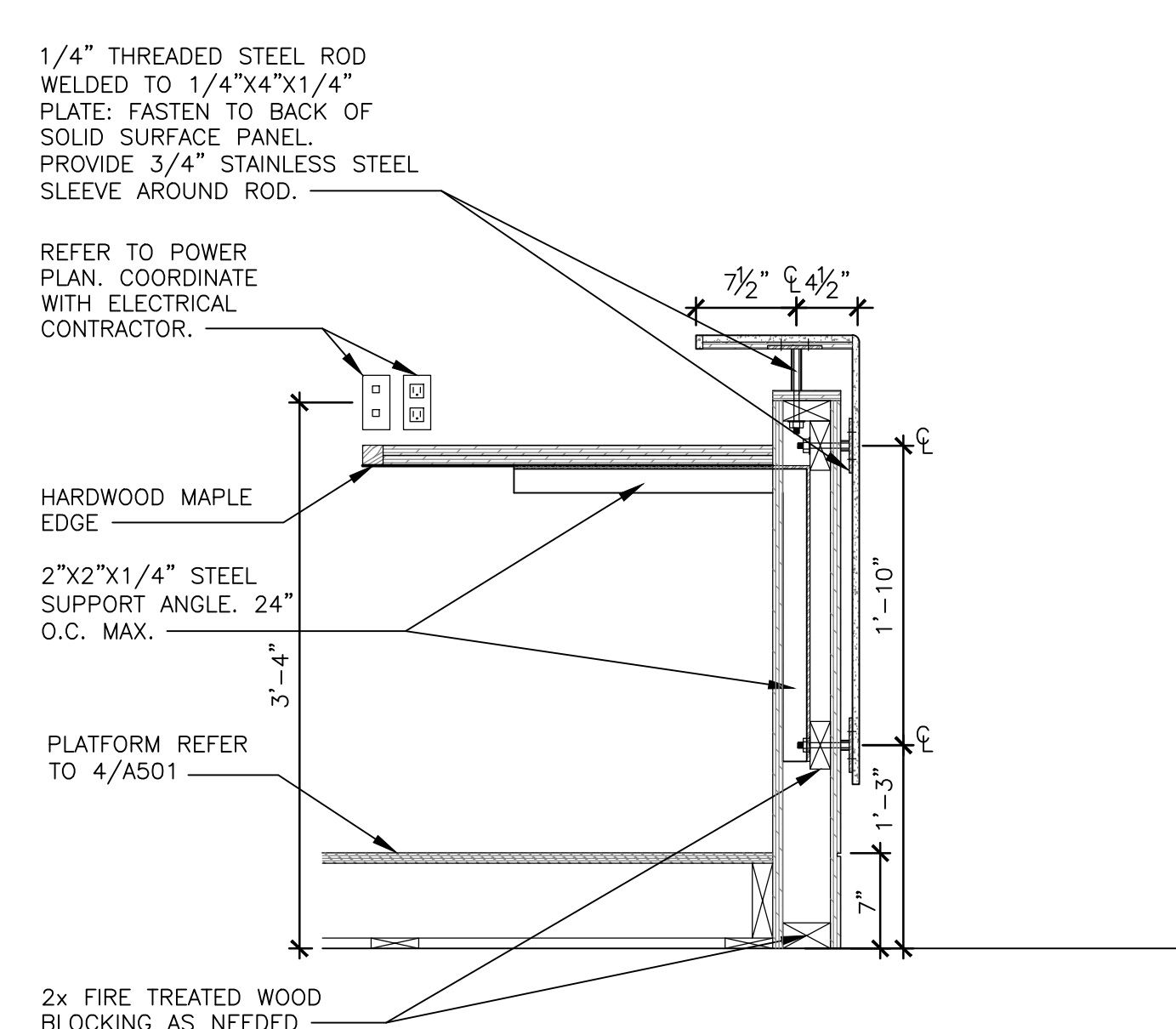
5 JUDGE #557 ELEVATION
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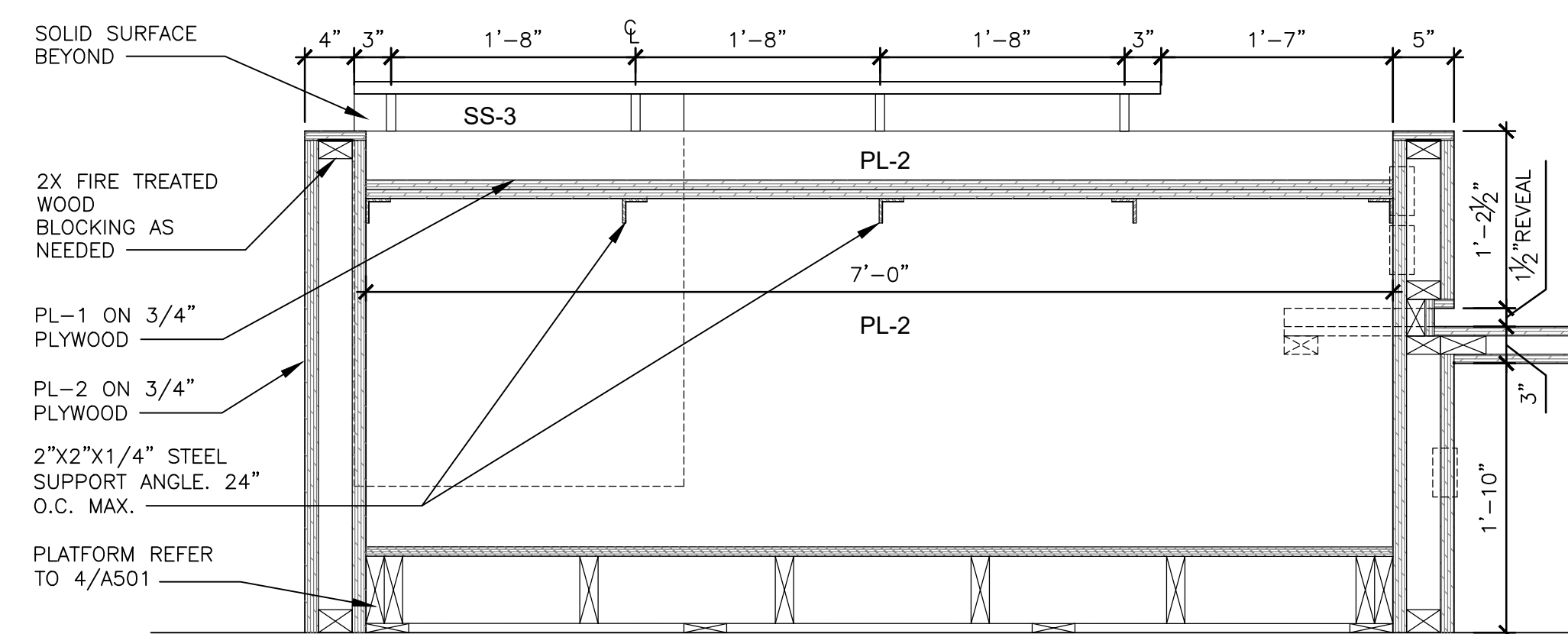
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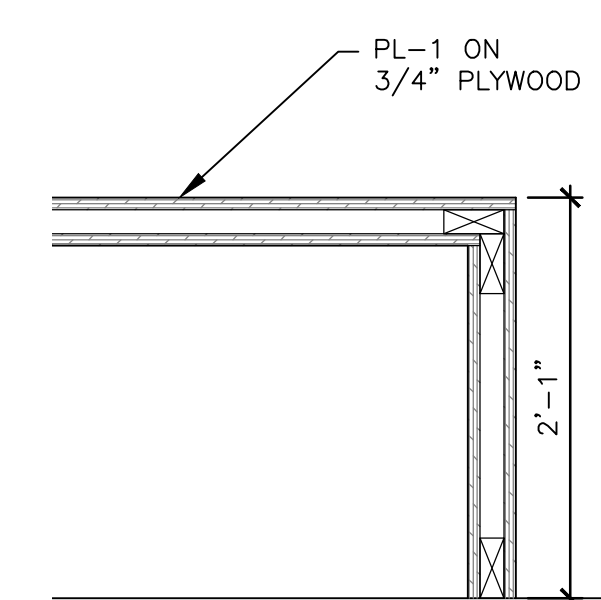
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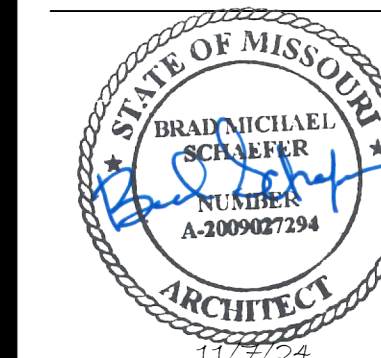
8 JUDGE #557 SECTION
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9 HEARINGS #555 COURT REPORTER DESK SECTION
SCALE: 1" = 1'-0"



10 SECTION
SCALE: 1" = 1'-0"



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DATE: _____

ISSUE DATE: 11/7/2024

CAD DWG FILE: I-401_O2521-01

DRAWN BY: XX

CHECKED BY: XX

DESIGNED BY: XX

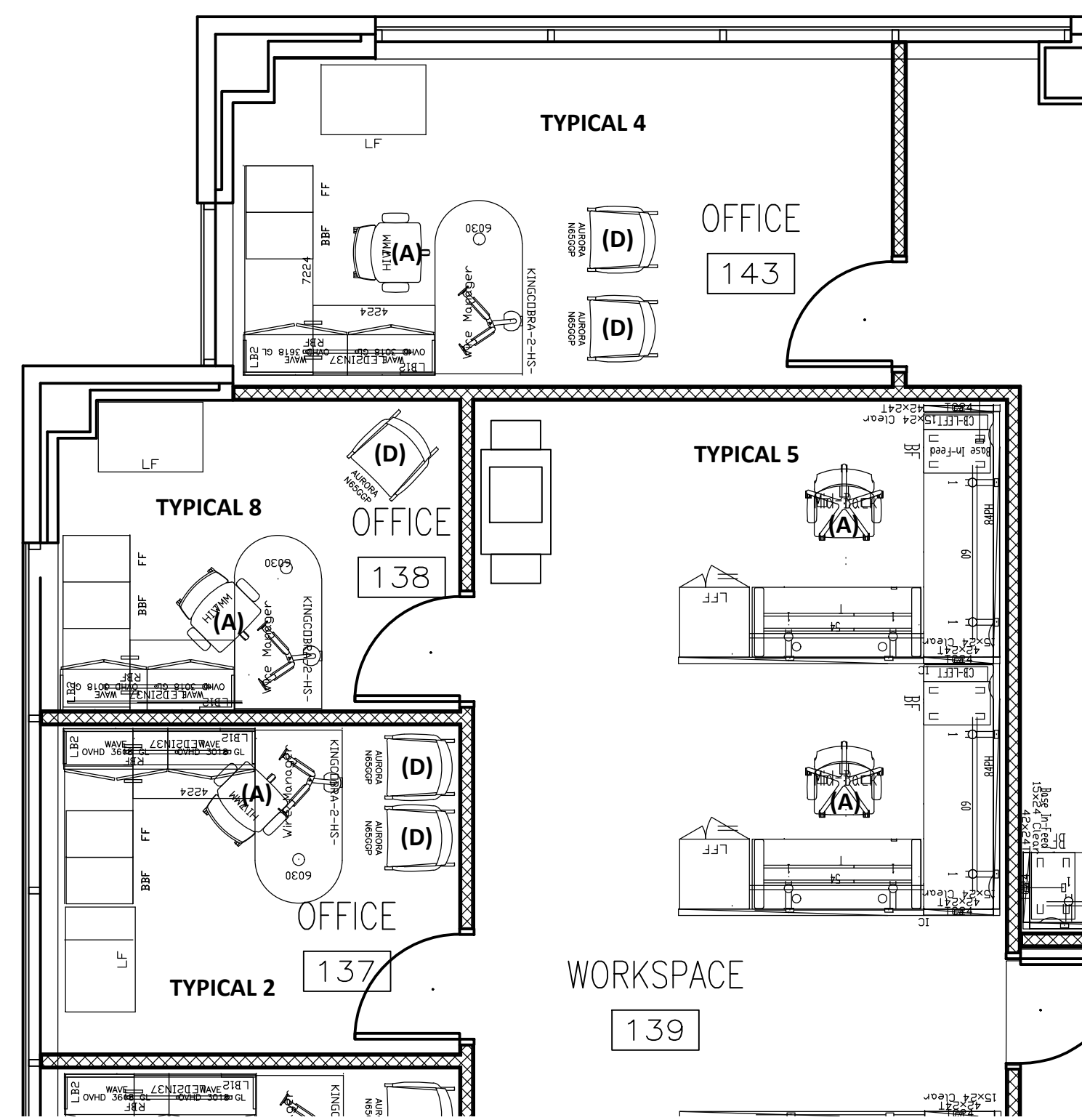
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1st, 2nd & 4th FLOOR
ENLARGED SYSTEMS
FURNITURE PLAN

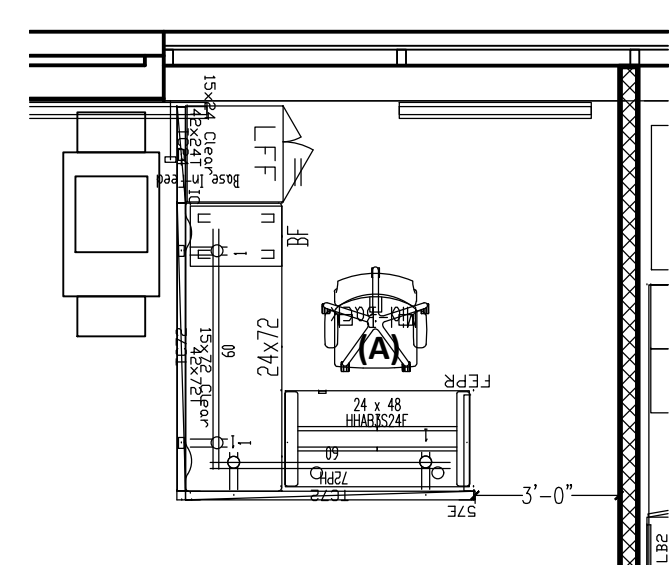
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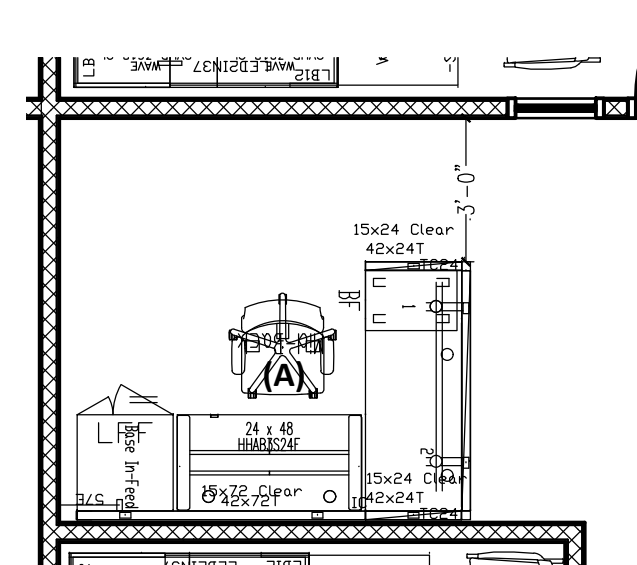
22 OF 50 SHEETS
11/7/2024



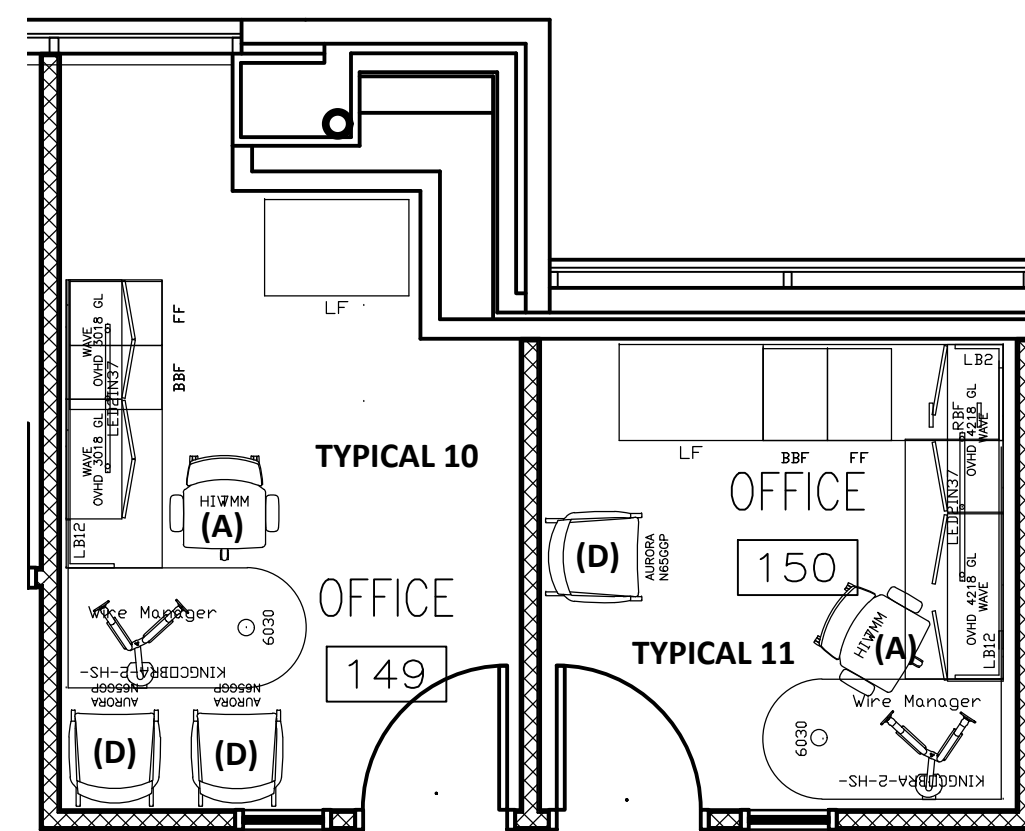
1 ENLARGED FURNITURE PLAN — FIRST FLOOR TYPICAL 2, 4, 5 & 8
SCALE: 1/4" = 1'-0"



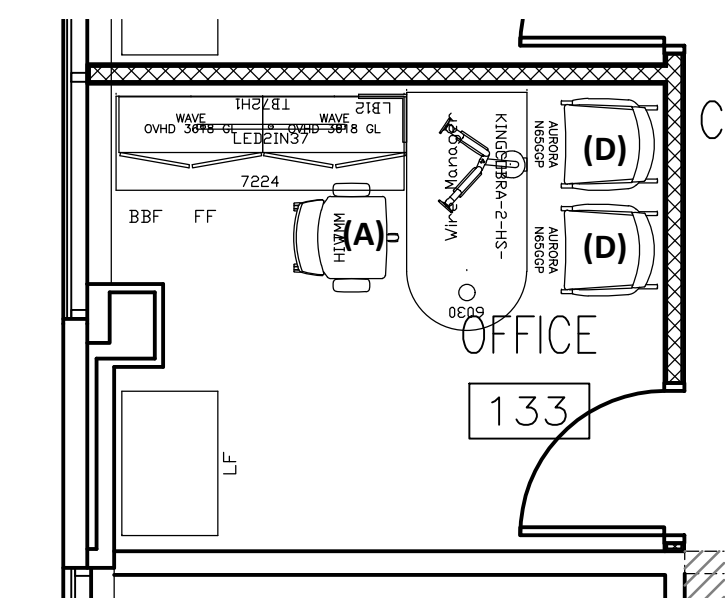
2 ENLARGED FLOOR PLAN
FIRST FLOOR TYPICAL 6
SCALE: 1/4" = 1'-0"



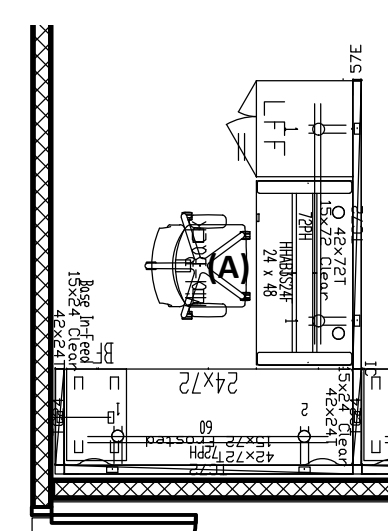
3 ENLARGED FLOOR PLAN
FIRST FLOOR TYPICAL 9
SCALE: 1/4" = 1'-0"



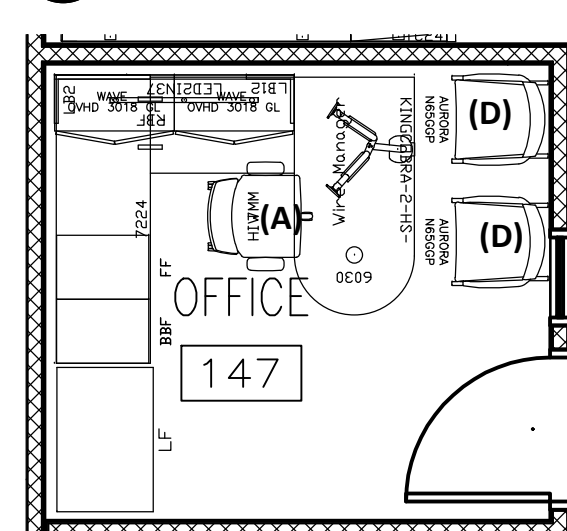
4 ENLARGED FLOOR PLAN
FIRST FLOOR TYPICAL 10 & 11
SCALE: 1/4" = 1'-0"



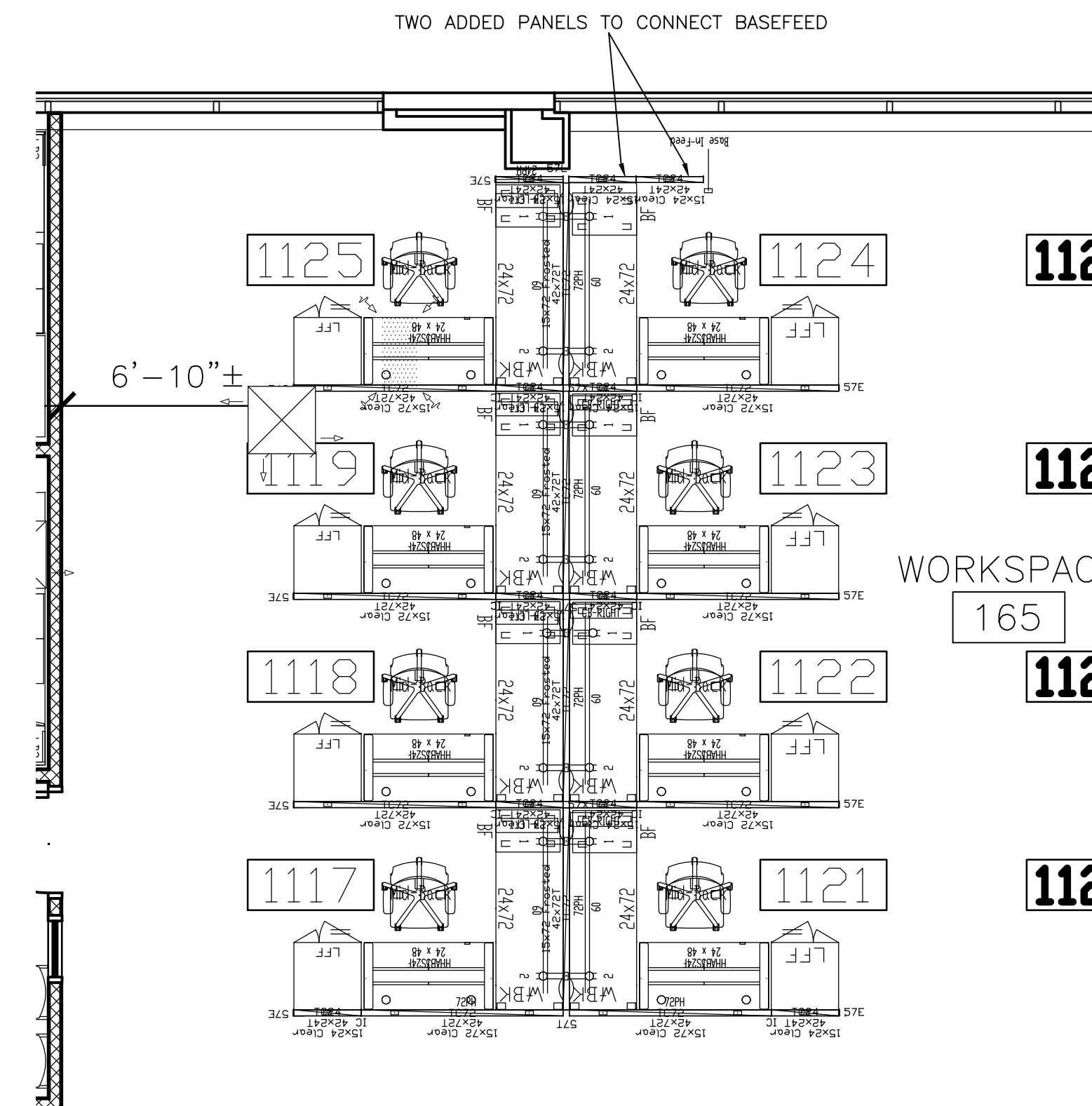
5 ENLARGED FLOOR PLAN
FIRST FLOOR TYPICAL 1
SCALE: 1/4" = 1'-0"



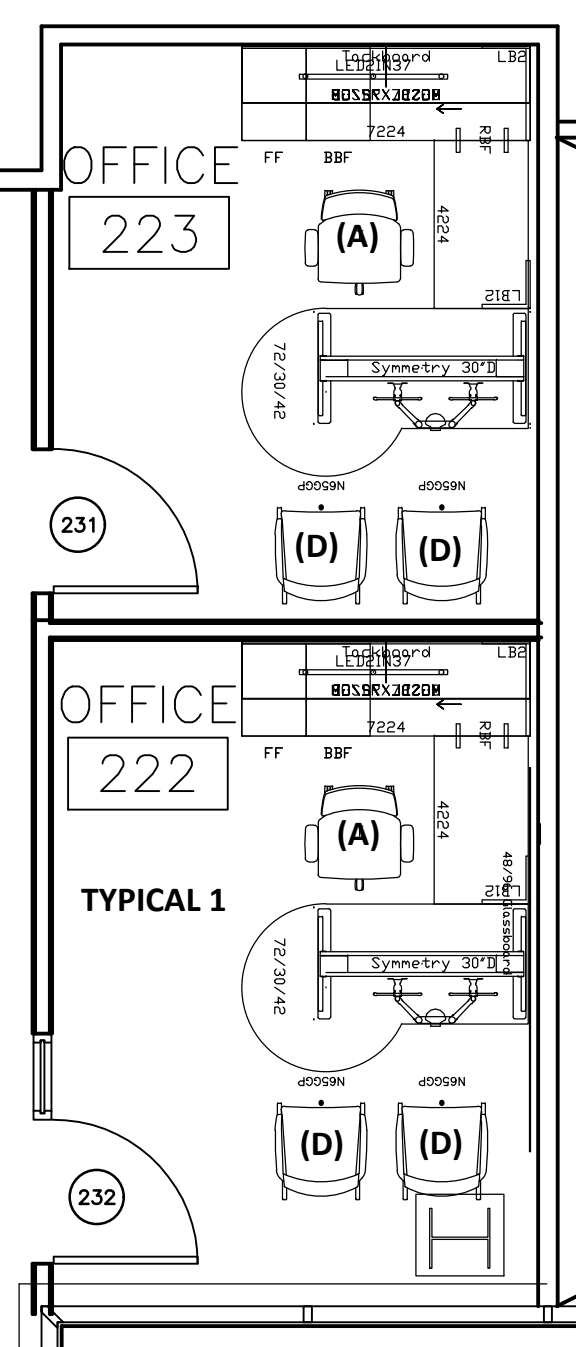
6 ENLARGED FLOOR PLAN
FIRST FLOOR TYPICAL 7
SCALE: 1/4" = 1'-0"



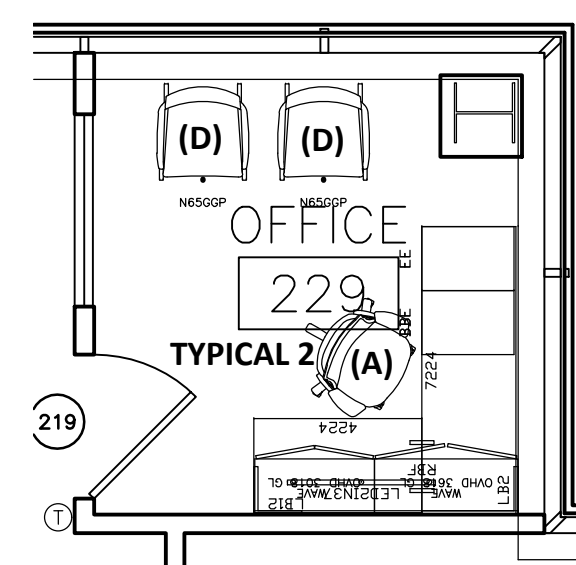
7 ENLARGED FLOOR PLAN
FIRST FLOOR TYPICAL 3
SCALE: 1/4" = 1'-0"



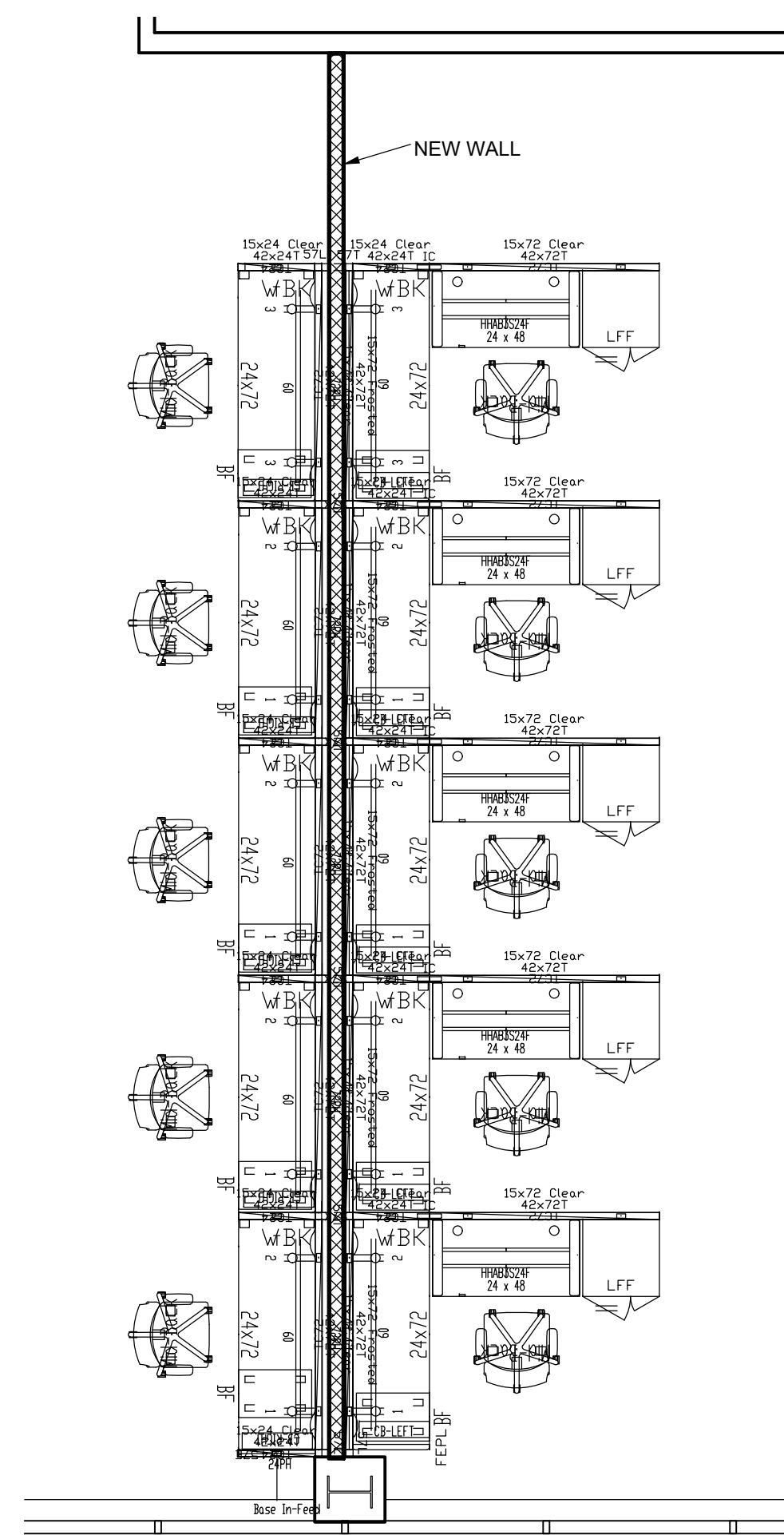
8 ENLARGED FURNITURE PLAN — FIRST FLOOR
SCALE: 1/4" = 1'-0"



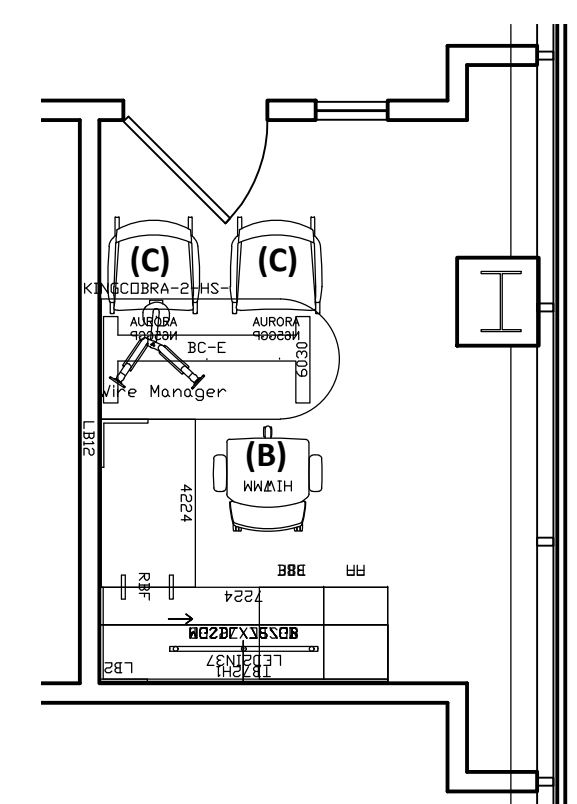
9 ENLARGED FURNITURE PLAN — SECOND FLOOR TYPICAL 1
SCALE: 1/4" = 1'-0"



10 ENLARGED FURNITURE PLAN — SECOND FLOOR TYPICAL 2
SCALE: 1/4" = 1'-0"



11 ENLARGED FURNITURE PLAN — FORTH FLOOR AREA B
SCALE: 1/4" = 1'-0"



12 ENLARGED FURNITURE PLAN — FORTH FLOOR TYPICAL 1
SCALE: 1/4" = 1'-0"



Brad M. Schaefer - Architect
MO# A-2009027294

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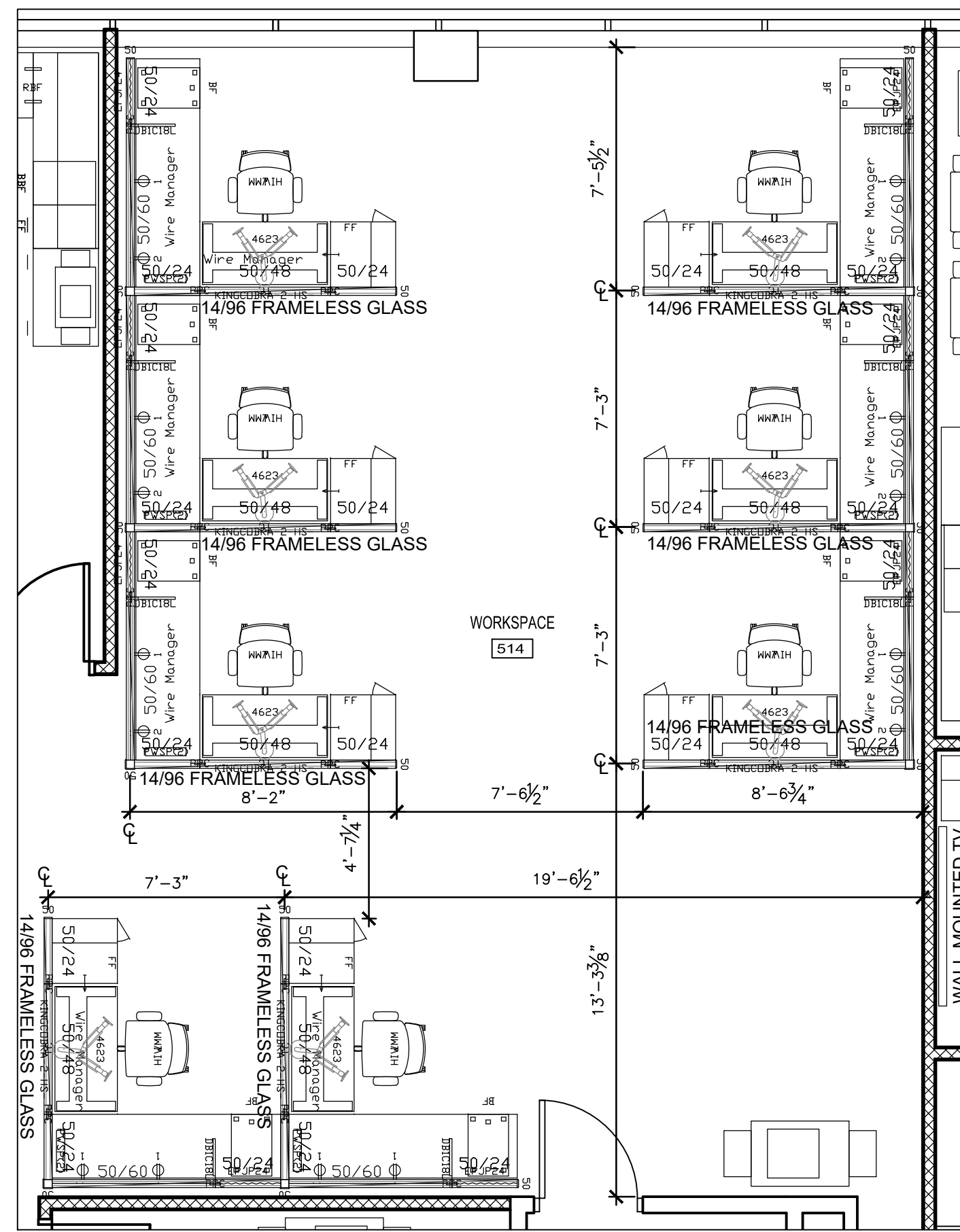
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CHECKED BY: XX
DESIGNED BY: XX

SHEET TITLE:
**FIFTH FLOOR
ENLARGED SYSTEMS
FURNITURE PLAN**

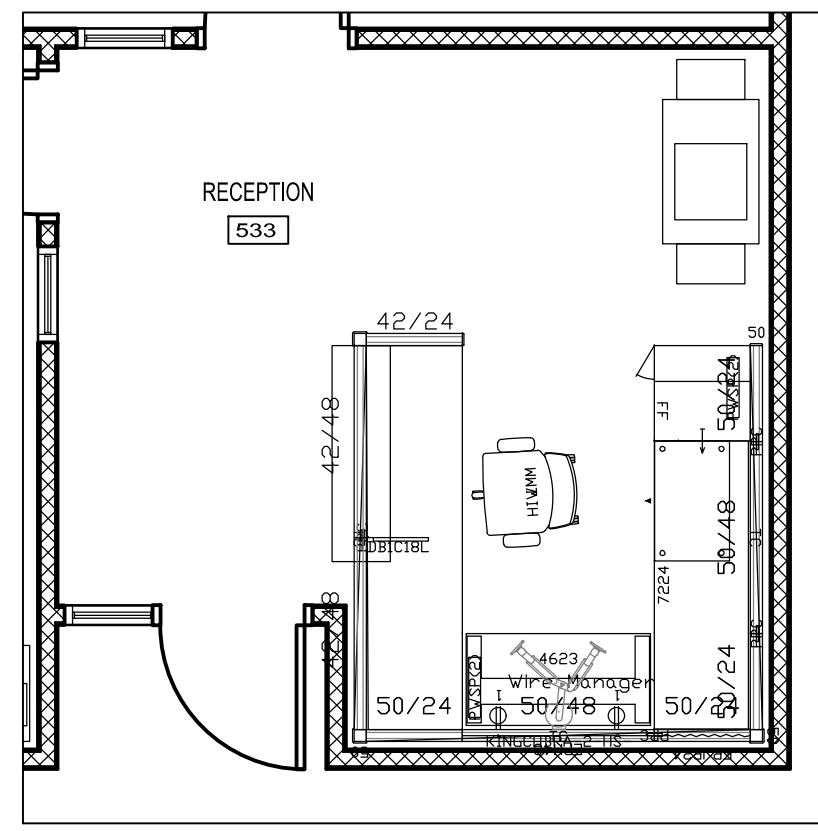
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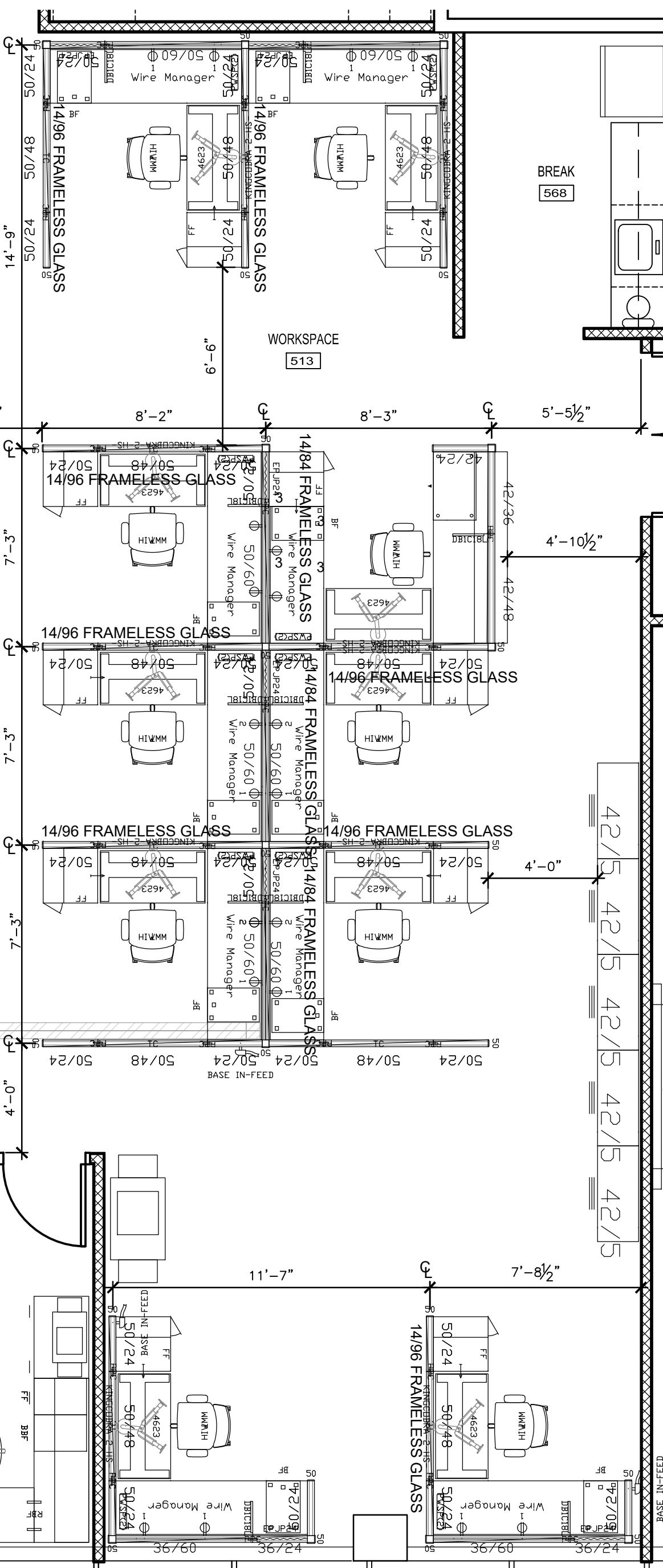
23 OF 50 SHEETS
11/7/2024



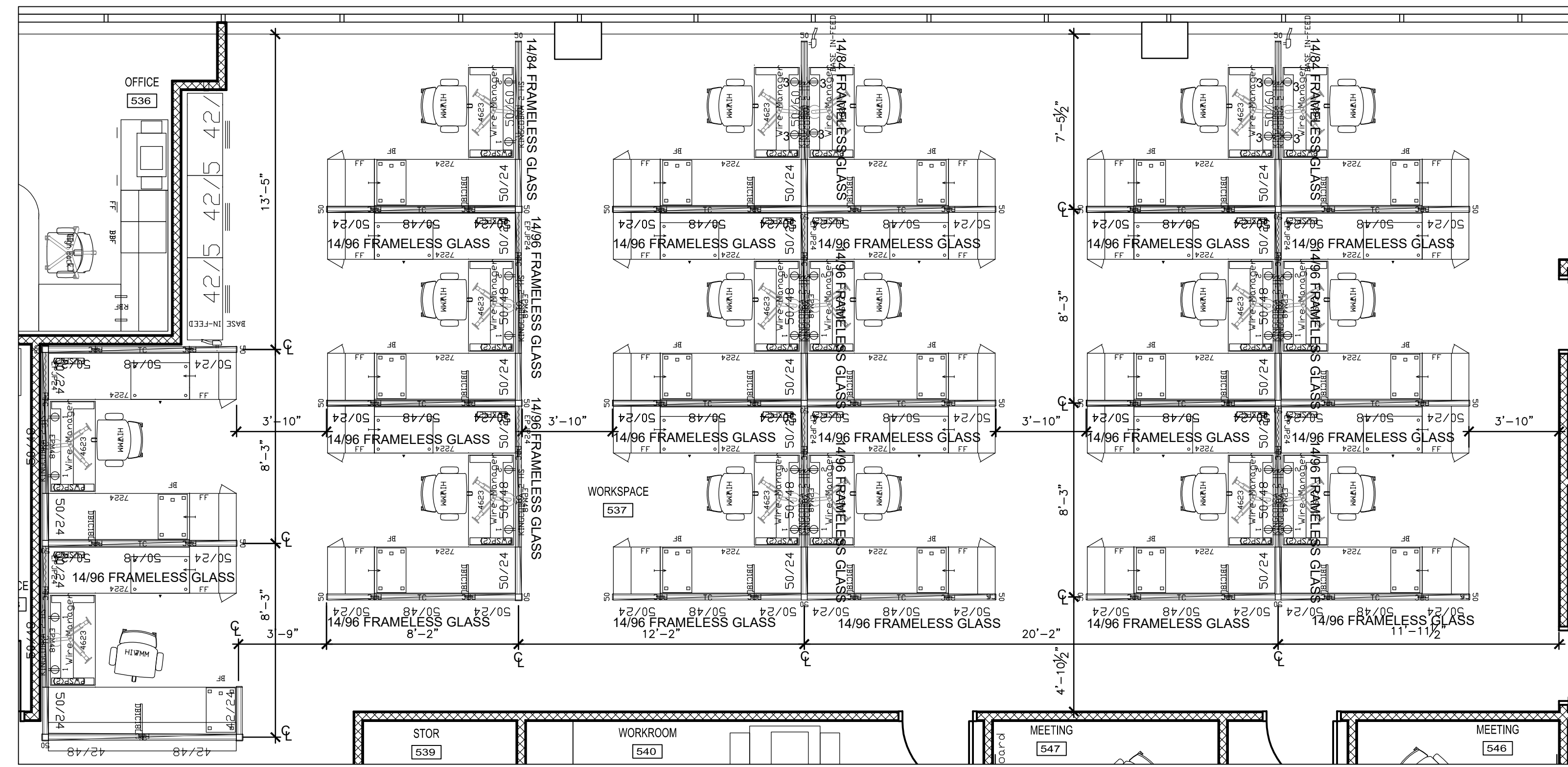
1 FIFTH FLOOR ENLARGED WORKSPACE #514
SCALE: 1/4" = 1'-0"



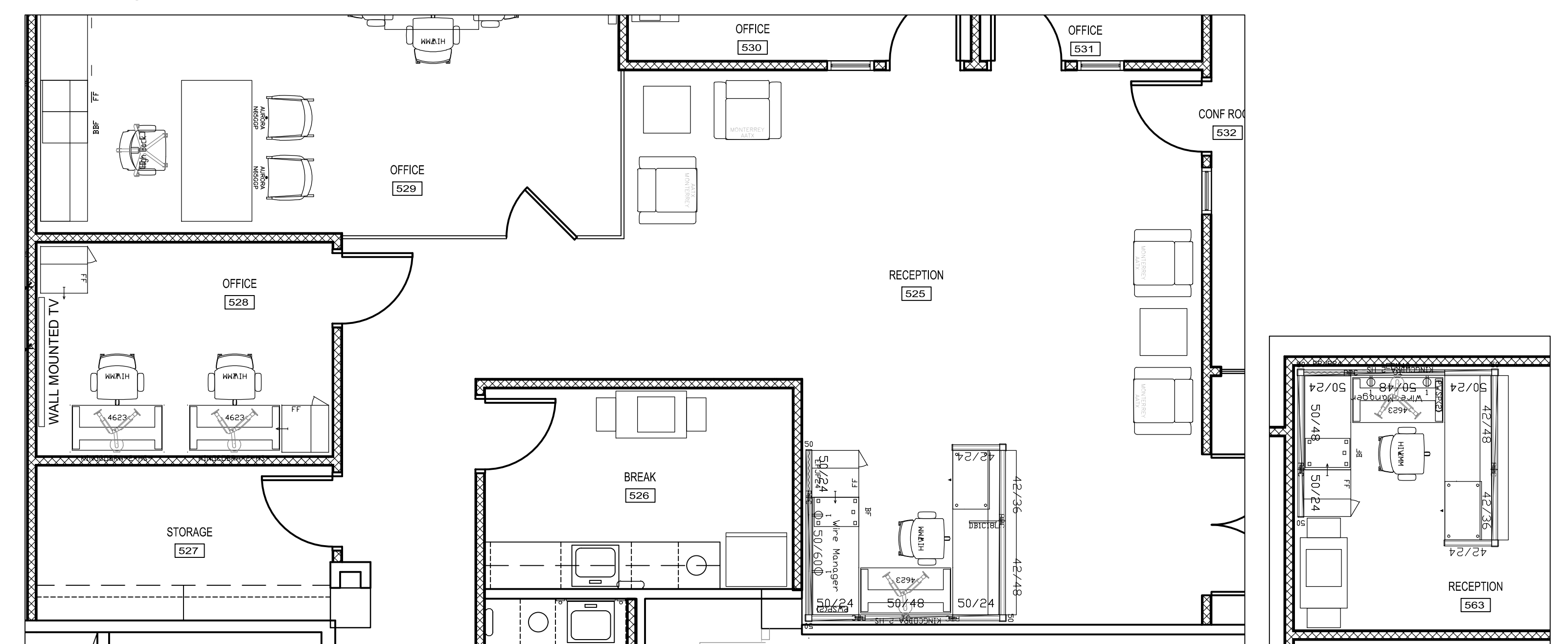
2 FIFTH FLOOR ENLARGED RECEPTION #533
SCALE: 1/4" = 1'-0"



7 FIFTH FLOOR ENLARGED WORKSPACE #513
SCALE: 1/4" = 1'-0"

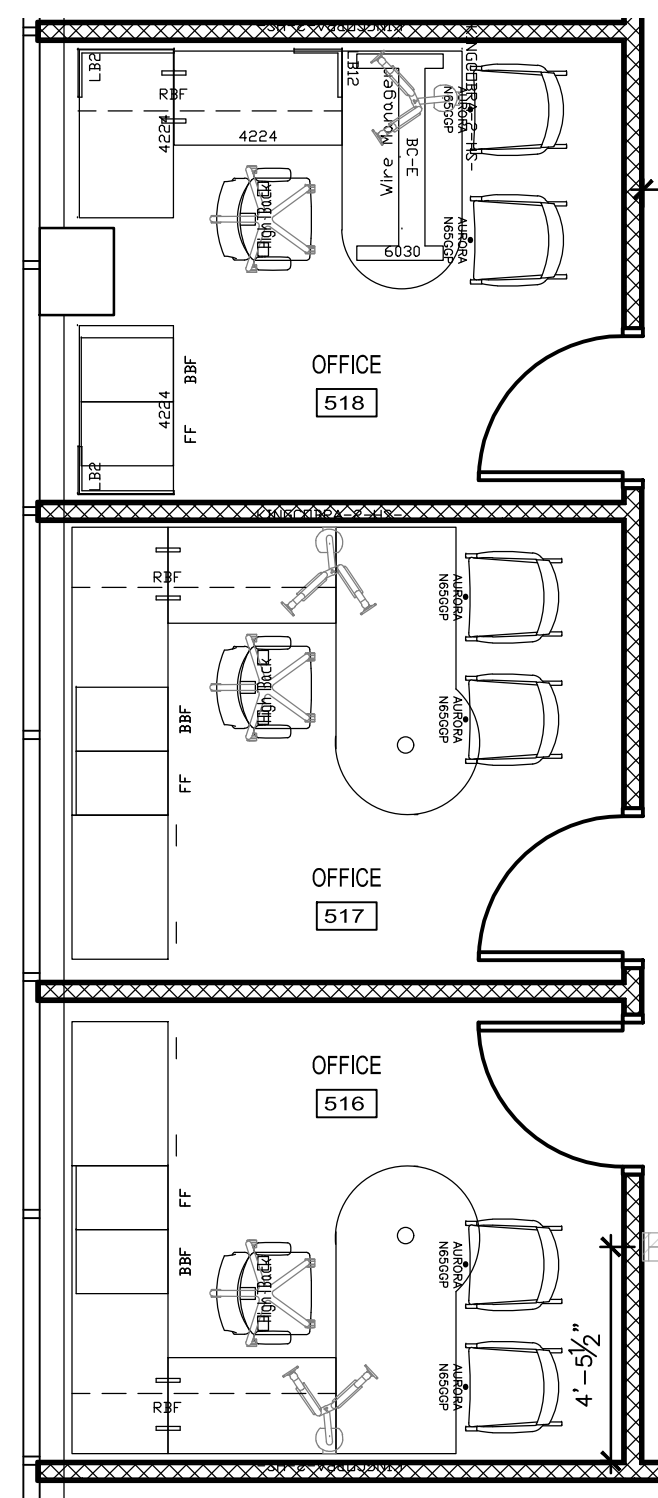


3 FIFTH FLOOR ENLARGED WORKSPACE #537
SCALE: 1/4" = 1'-0"

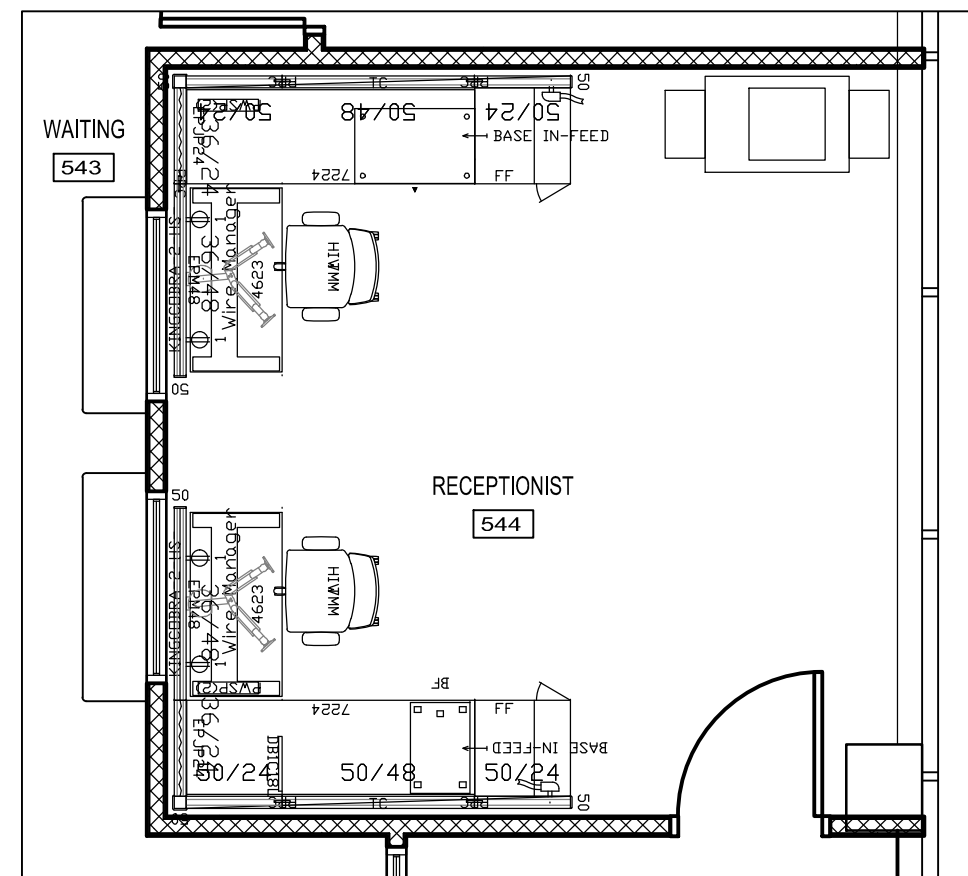


5 ENLARGED RECEPTION #526
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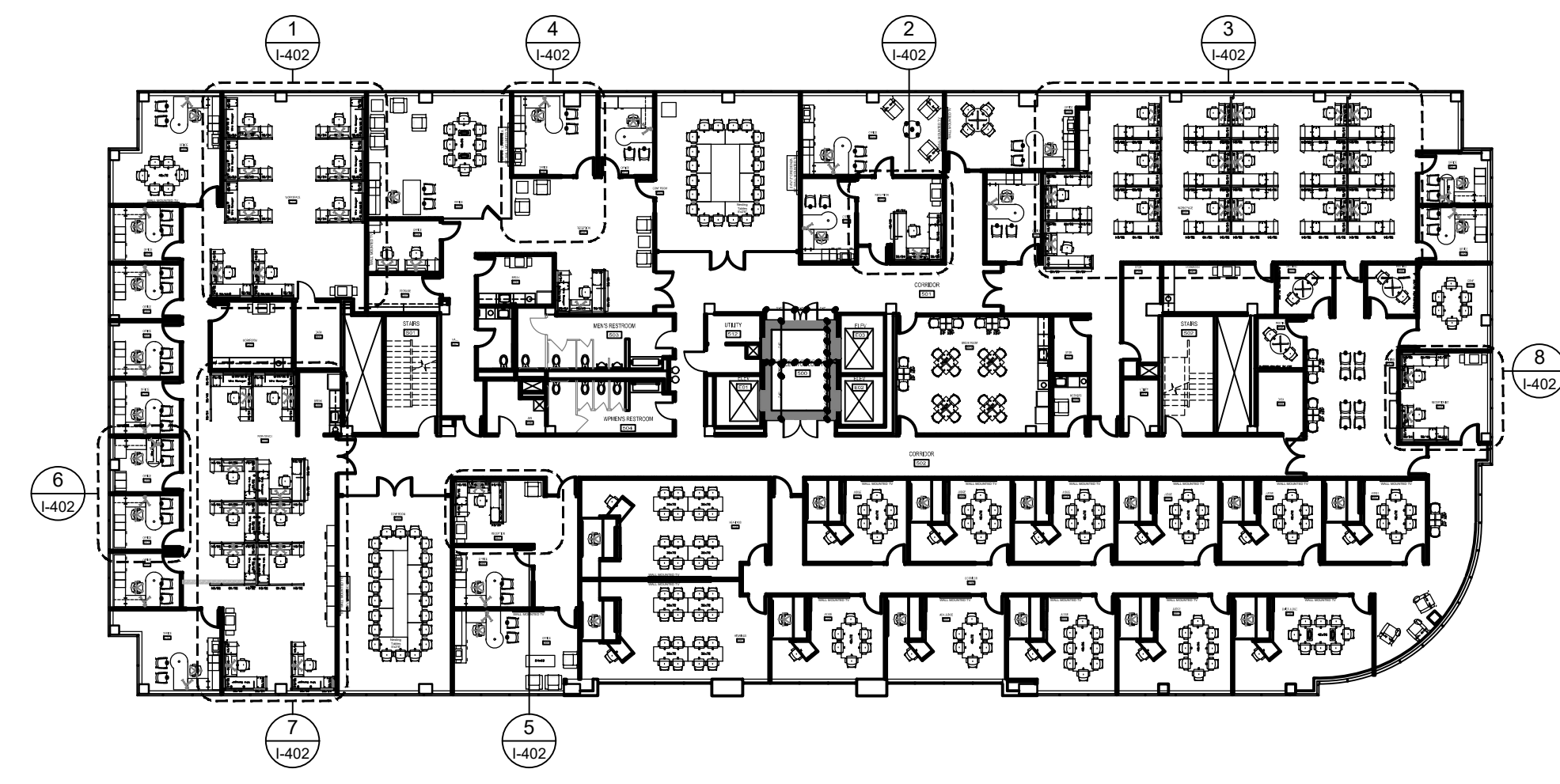
4 FIFTH FLOOR ENLARGED RECEPTION #526
SCALE: 1/4" = 1'-0"



6 FIFTH FLOOR ENLARGED OFFICES #516 - 518
SCALE: 1/4" = 1'-0"



8 FIFTH FLOOR ENLARGED RECEPTIONIST #544
SCALE: 1/4" = 1'-0"



9 FIFTH FLOOR KEY PLAN
NOT TO SCALE

GENERAL FIRE PROTECTION NOTES

- 1 FABRICATION, INSTALLATION, AND TESTING OF ALL FIRE PROTECTION DEVICES SHALL BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL FIRE PROTECTION ASSOCIATION'S STANDARD FROM THE INSTALLATION OF SPRINKLER SYSTEMS (NFPA-13), NATIONAL ELECTRIC CODE (NEC) AND ALL MANUFACTURER INSTALLATION GUIDELINES.
- 2 DRAWINGS AND PLANS ARE FROM FIELD TAKE-OFF AND ORIGINAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING PRIOR TO BIDDING AND/OR CONSTRUCTION.
- 3 CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL, AS WELL AS REPAIRING ANY DAMAGE TO ANY SURFACE IN THE AREA OF CONSTRUCTION THAT IS A RESULT OF CONSTRUCTION ACTIVITY. SURFACE SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING CONDITIONS.
- 4 COORDINATE WITH OWNER TO SHUT OFF FIRE ALARMS AND FIRE SUPPRESSION SYSTEM IN WORK AREA PRIOR TO BEGINNING CONSTRUCTION. CONSTRUCTION SHALL BE DONE SUCH THAT THE FIRE ALARM AND FIRE SUPPRESSION SYSTEMS ARE ACTIVE OVERNIGHT.
- 5 DELEGATED DESIGN: LOCATION OF NEW SPRINKLER HEADS ARE FOR REFERENCE ONLY. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND PROVIDING COMPLETE, FUNCTIONAL, AND CODE COMPLIANT SYSTEM.

FIRE PROTECTION NOTES

INDICATES KEYED NOTES

- 1 DEMOLISH PENDENT TYPE FIRE SPRINKLER HEAD. CAP PIPE WHERE HEAD IS REMOVED OR EXTEND PIPE TO NEW SPRINKLER HEAD LOCATION AS NEEDED. IF PIPE NO LONGER SERVES A SPRINKLER HEAD, REMOVE PIPE AND ALL ASSOCIATED HANGERS BACK TO MAIN AND CAP AT MAIN.
- 2 PROVIDE AND INSTALL NEW PENDENT TYPE FIRE SPRINKLER HEAD, ESCUTCHEON AND ALL REQUIRED PIPE. ALL MATERIALS SHALL MATCH EXISTING FINISH AND PERFORMANCE.



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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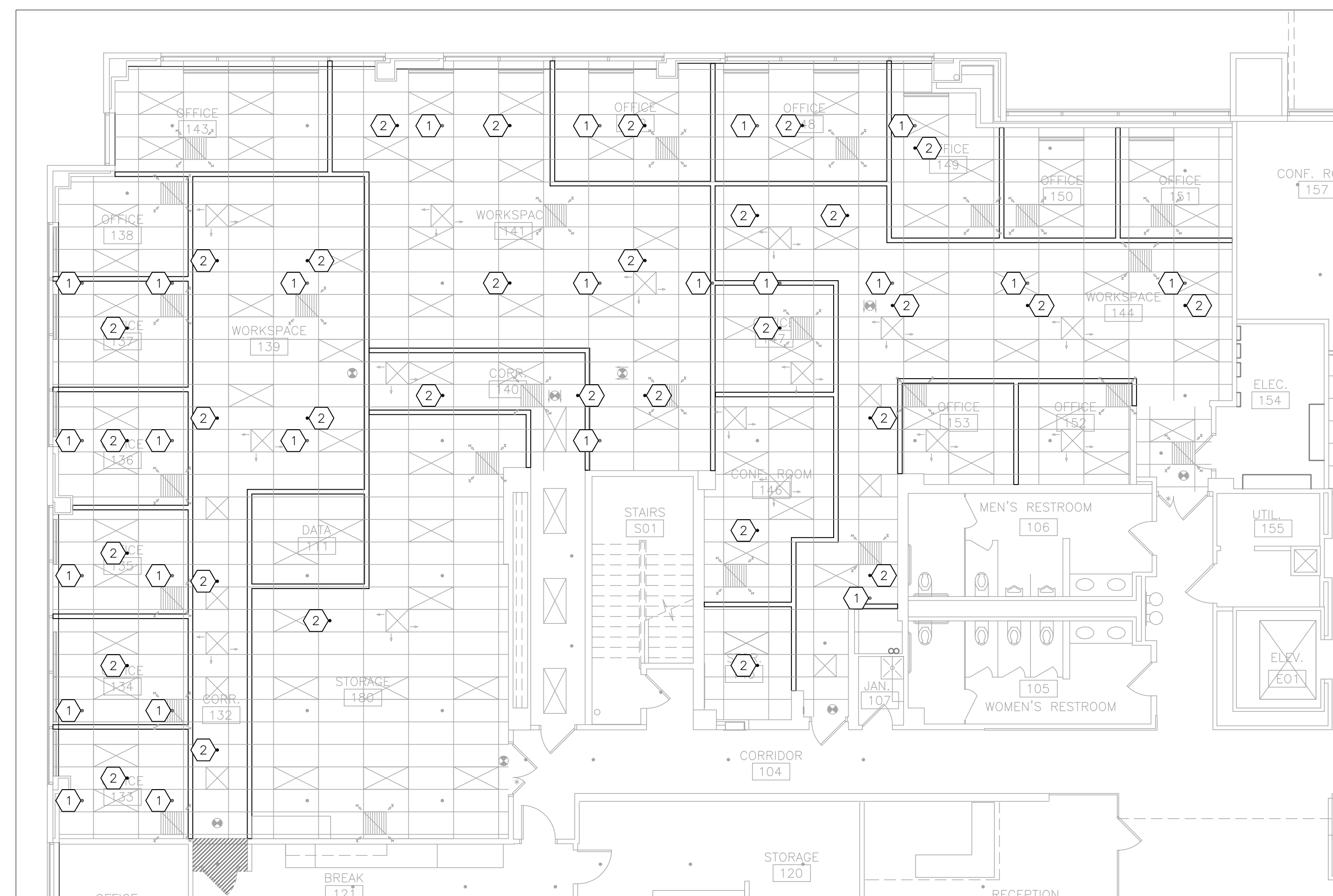
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SHEET TITLE:
FIRE PROTECTION
PLAN - 1ST FLOOR

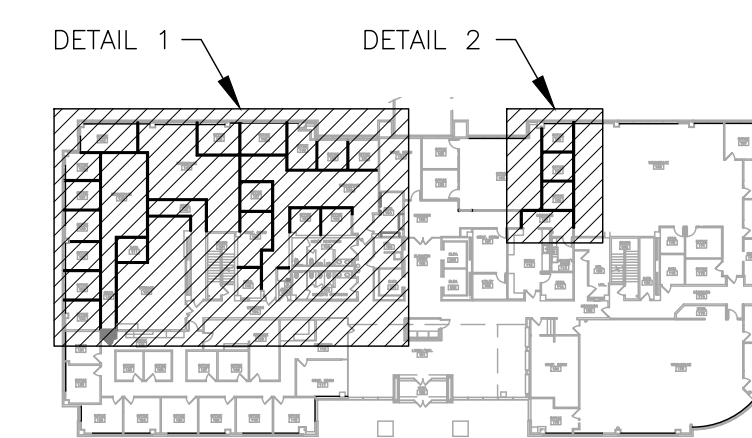
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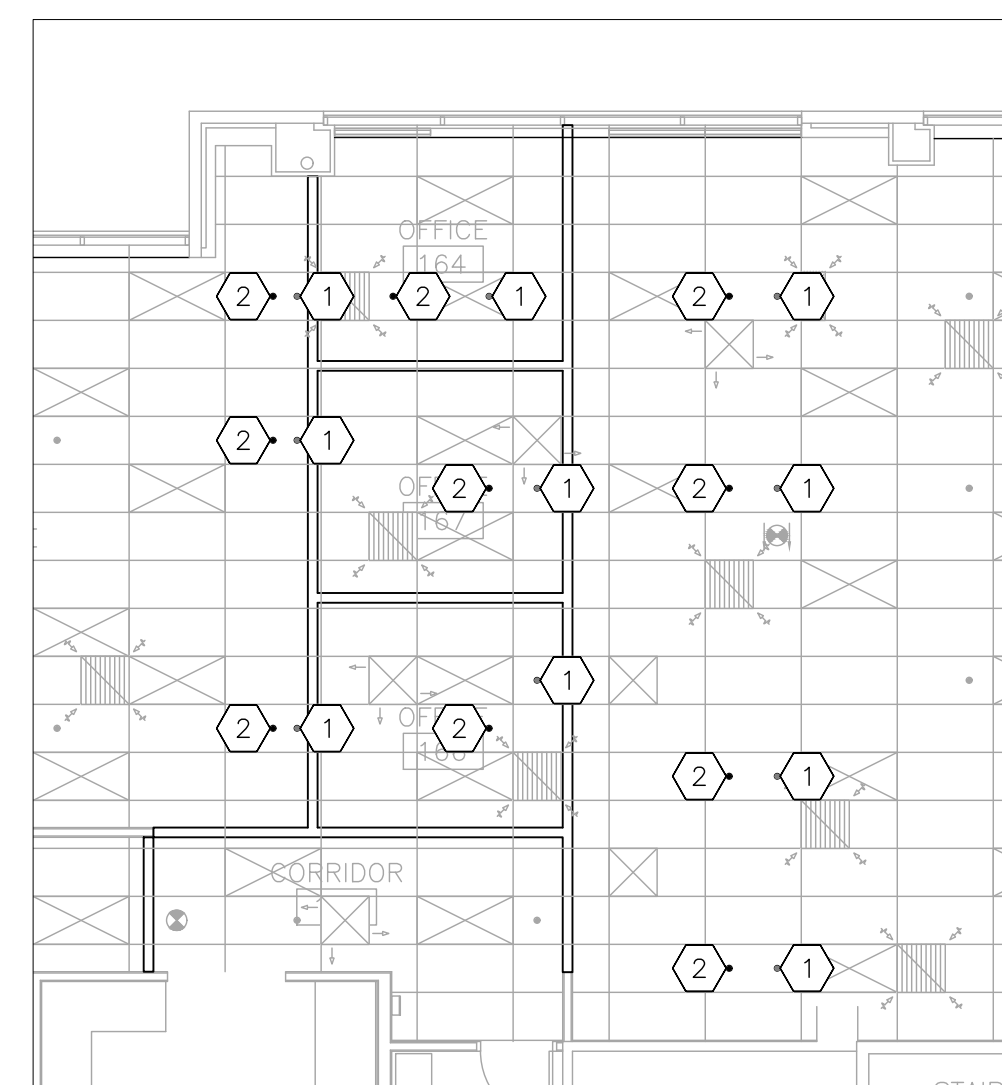
25 OF 50 SHEETS
11/7/2024



1 FIRE PROTECTION PLAN -- 1ST FLOOR NORTHWEST -- PHASE 3
SCALE: 1/8" = 1'-0"

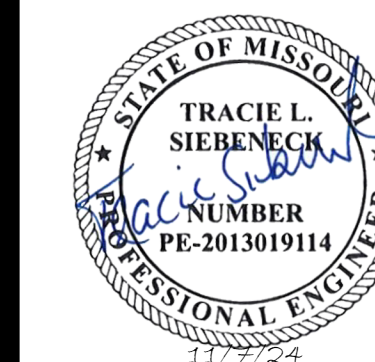


3 AREA MAP -- 1ST FLOOR



2 FIRE PROTECTION PLAN -- 1ST FLOOR NORTHEAST -- PHASE 3
SCALE: 1/8" = 1'-0"

FIRE PROTECTION LEGEND	
	PENDENT FIRE SPRINKLER HEAD/ESCUTCHEON
	PENDENT FIRE SPRINKLER TO BE REMOVED



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CAD DWG FILE: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
**FIRE PROTECTION
PLAN - 5TH FLOOR**

SHEET NUMBER:

F-102

26 OF 50 SHEETS
11/7/2024

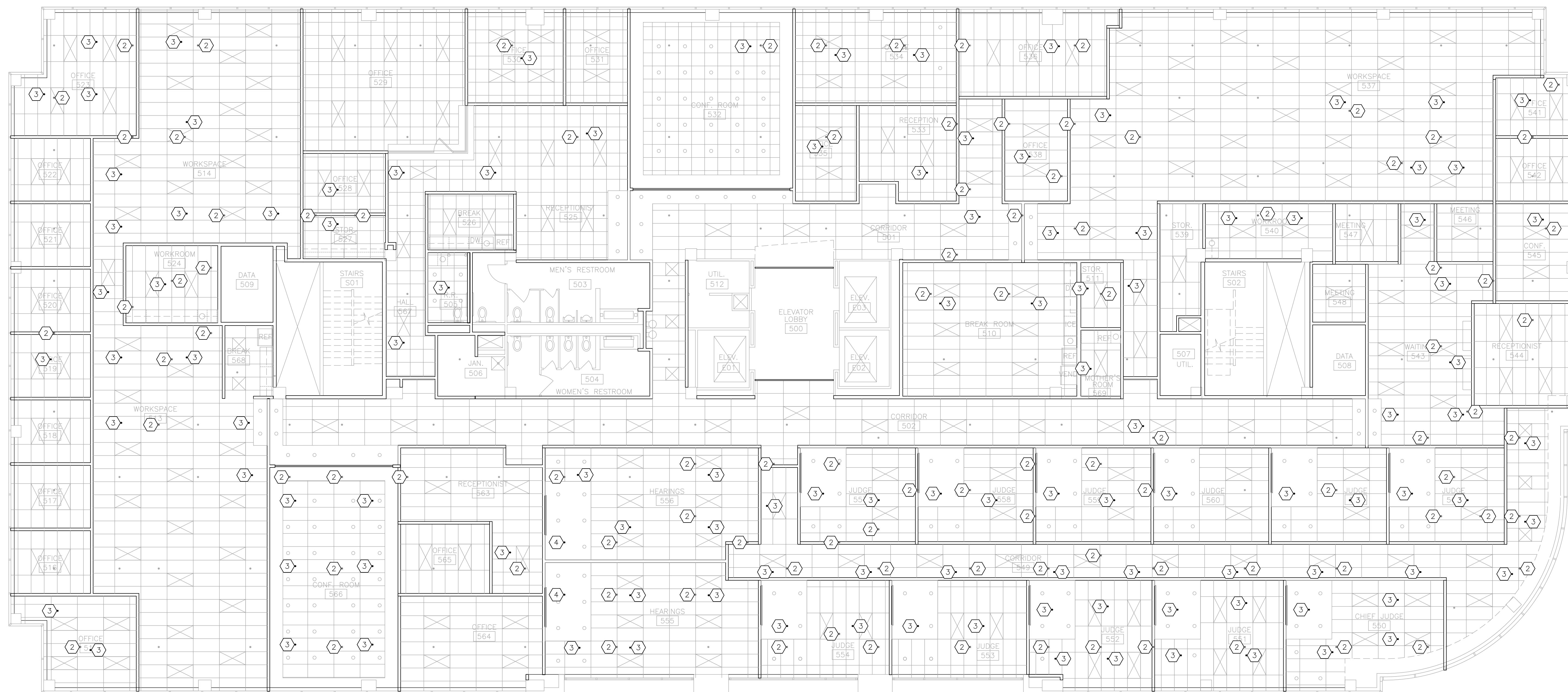
FIRE PROTECTION LEGEND

	PENDENT FIRE SPRINKLER HEAD/ESCUTCHEON
	PENDENT FIRE SPRINKLER TO BE REMOVED

FIRE PROTECTION NOTES

INDICATES KEYED NOTES

- 1 REFER TO SHEET F-101 FOR GENERAL NOTES.
- 2 DEMOLISH PENDENT TYPE FIRE SPRINKLER HEAD. CAP PIPE WHERE HEAD IS REMOVED OR EXTEND PIPE TO NEW SPRINKLER HEAD LOCATION AS NEEDED. IF PIPE NO LONGER SERVES A SPRINKLER HEAD, REMOVE PIPE AND ALL ASSOCIATED HANGERS BACK TO MAIN AND CAP AT MAIN.
- 3 PROVIDE AND INSTALL NEW PENDENT TYPE FIRE SPRINKLER HEAD, ESCUTCHEON AND ALL REQUIRED PIPE. ALL MATERIALS SHALL MATCH EXISTING FINISH AND PERFORMANCE.
- 4 DEMOLISH PENDENT TYPE FIRE SPRINKLER HEAD, EXTEND PIPE TO NEW CEILING DEPTH. PROVIDE AND INSTALL NEW PENDENT TYPE FIRE SPRINKLER HEAD, ESCUTCHEON AND ALL REQUIRED PIPE. ALL MATERIALS SHALL MATCH EXISTING FINISH AND PERFORMANCE.



1 FIRE PROTECTION PLAN - 5TH FLOOR - PHASE 5
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

- 1 DEMOLITION DRAWINGS AND PLANS ARE FROM FIELD TAKE-OFF AND ORIGINAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING PRIOR TO BIDDING AND/OR CONSTRUCTION.
- 2 COVER ALL OPENINGS INTO THE BUILDING FROM THE WORK AREA. ENSURE DEBRIS IS REMOVED FROM THE CONSTRUCTION AND DEMOLITION AREA AND AIR BORN DEBRIS IS NOT ALLOWED TO TRAVEL TO THE REMAINDER OF THE BUILDING. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL.
- 3 COORDINATE WITH EXISTING SYSTEMS WHICH SHALL REMAIN IN OPERATION DURING DEMOLITION AND CONSTRUCTION PHASES. INSTALL TEMPORARY CAPS AT TERMINATION POINTS OF EXISTING PIPES TO REMAIN DURING DEMOLITION PHASES.
- 4 CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ANY SURFACE IN THE AREA OF CONSTRUCTION THAT IS A RESULT OF CONSTRUCTION ACTIVITY. SURFACE SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING CONDITIONS.
- 5 PRIOR TO CORE DRILLING FOR ANY FLOOR PENETRATION, COORDINATE WITH GENERAL CONTRACTOR TO SCAN SLAB FOR REINFORCING BARS. SEE NOTE ON SHEET G-002 FOR ADDITIONAL INFORMATION.

DEMOLITION NOTES

INDICATES KEYED NOTES

- 1 EXISTING SINK TO REMAIN. DEMOLISH FAUCET AND ASSOCIATED SUPPLY STOPS AND RISERS.
- 2 EXISTING ICE MAKER TO REMAIN. REMOVE AND RETAIN ICE MAKER OUTLET BOX WITH VALVE AND WATER HAMMER ARRESTOR FOR USE IN NEW CONSTRUCTION.
- 3 ELECTRIC HOT WATER HEATER LOCATED ABOVE CEILING TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 4 EXISTING DRAIN TO REMAIN FOR USE IN NEW CONSTRUCTION.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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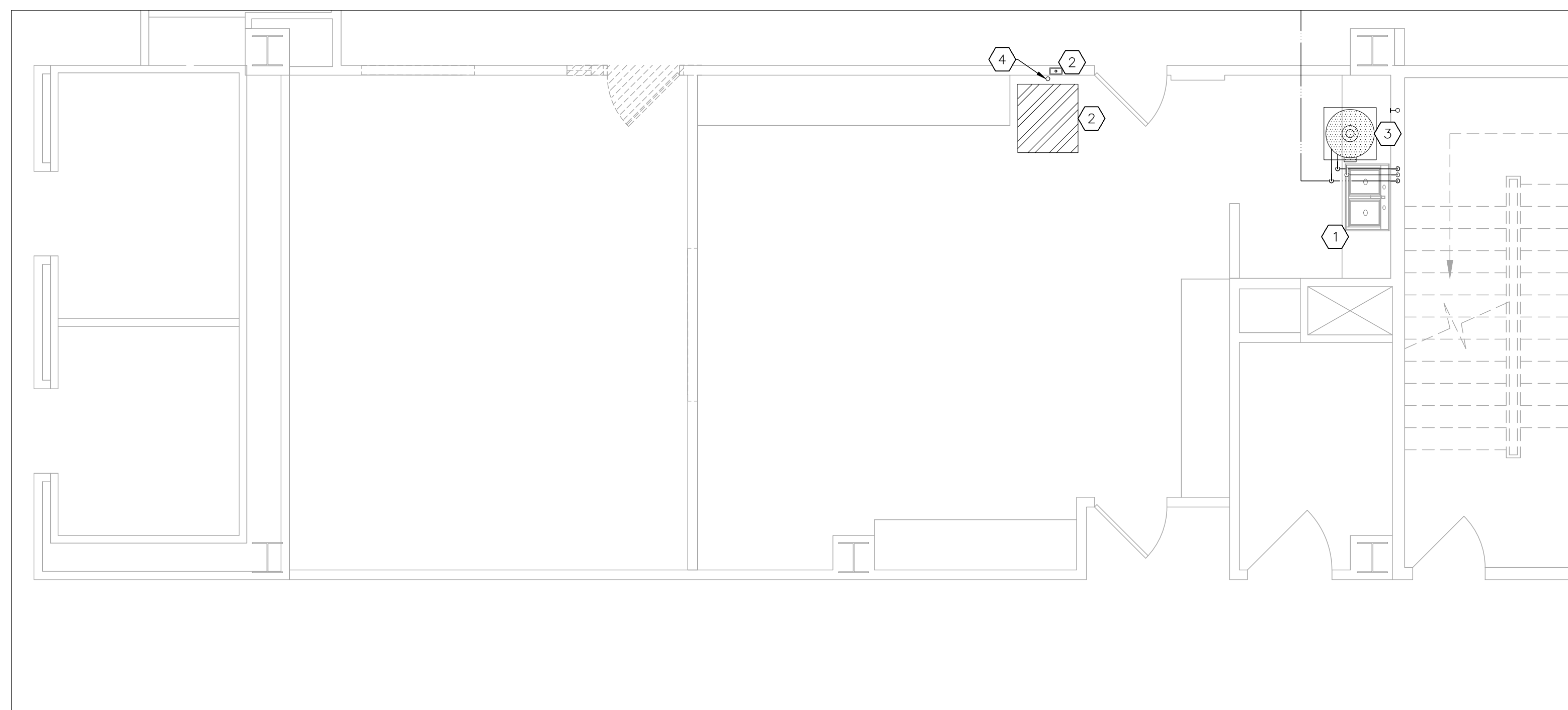
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CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
**PLUMBING
DEMOLITION PLAN
2ND FLOOR**

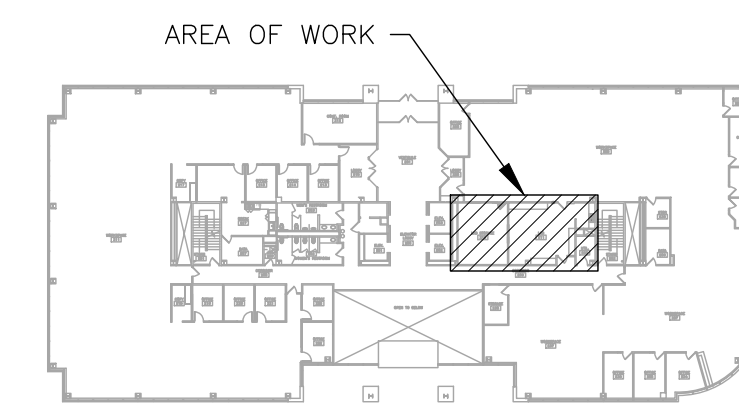
SHEET NUMBER:

PD-101

27 OF 50 SHEETS
11/7/2024



1 PLUMBING DEMOLITION PLAN - 2ND FLOOR LAB - PHASE 2
SCALE: 1/4" = 1'-0"



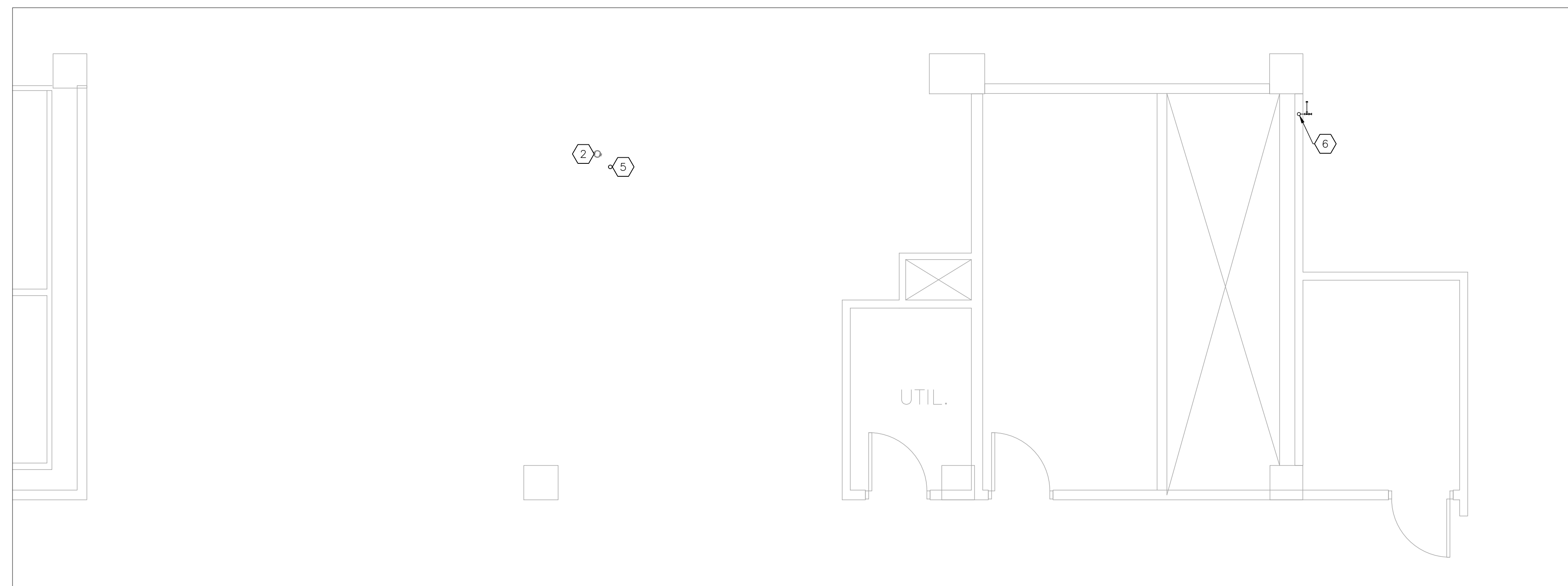
2 AREA MAP - 2ND FLOOR

PLUMBING LEGEND	
	PLUMBING FIXTURE - EXISTING
	ABOVE GRADE SANITARY SEWER - EXISTING
	DOMESTIC COLD WATER - EXISTING
	DOMESTIC HOT WATER - EXISTING
	EXISTING MATERIALS TO BE REMOVED

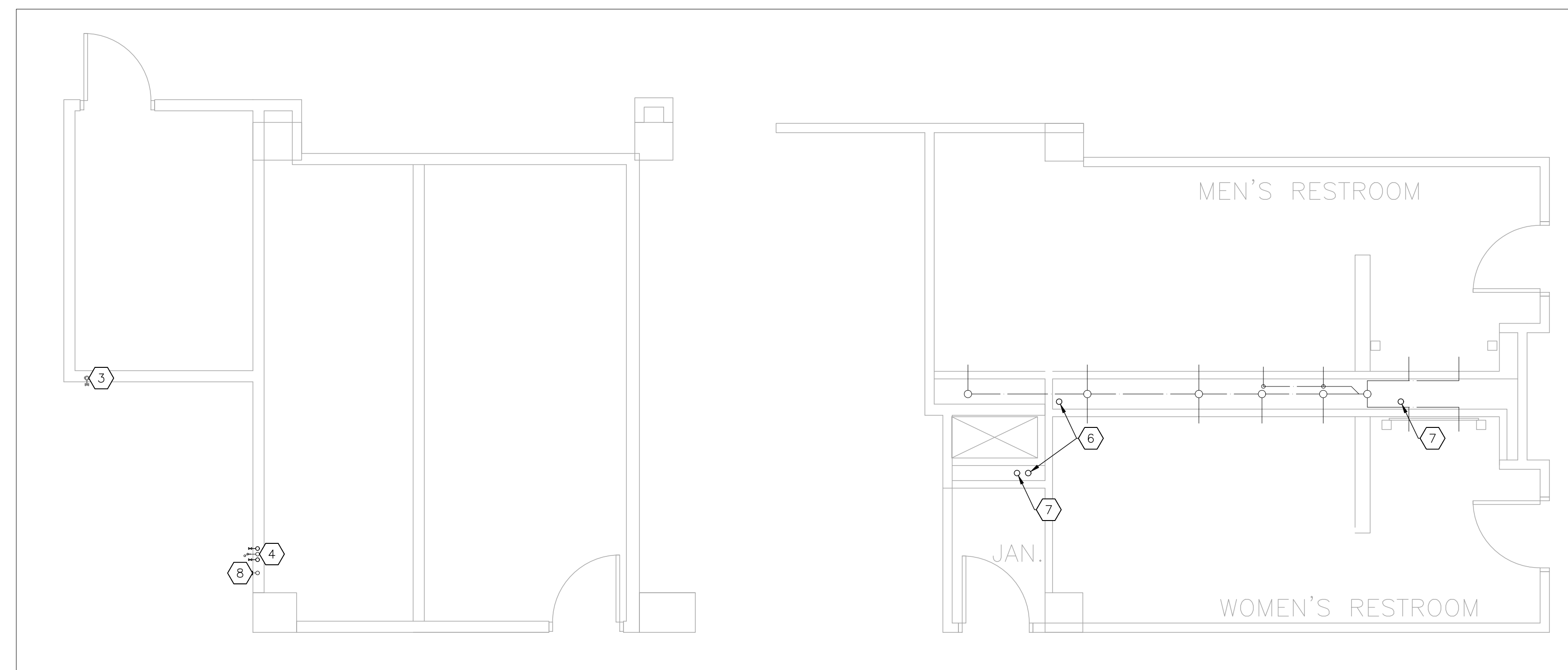
DEMOLITION NOTES

INDICATES KEYED NOTES

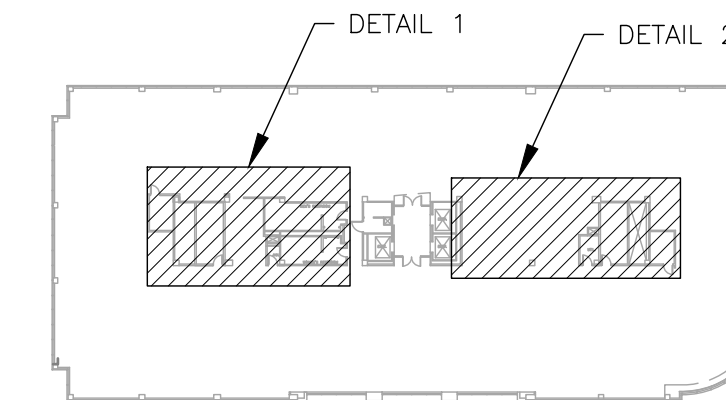
- 1 REFER TO PD-101 FOR GENERAL DEMOLITION NOTES.
- 2 DEMOLISH FLOOR DRAIN. ASSOCIATED SANITARY DRAIN PIPE TO REMAIN FOR USE IN NEW CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR TO REPAIR FLOOR.
- 3 DEMOLISH COLD WATER SUPPLY STOP. DEMOLISH ASSOCIATED PIPE TO ABOVE CEILING AND CAP. COORDINATE WITH GENERAL CONTRACTOR TO REPAIR WALL.
- 4 EXISTING HOT AND COLD WATER SUPPLY AND SANITARY DRAIN PIPE TO BE USED IN NEW CONSTRUCTION.
- 5 EXISTING VENT PIPE TO REMAIN.
- 6 EXISTING COLD WATER RISER.
- 7 EXISTING HOT WATER RISER.
- 8 EXISTING CLEANOUT TO REMAIN.



2 PLUMBING DEMOLITION PLAN - 5TH FLOOR EAST - PHASE 5
SCALE: 1/4" = 1'-0"

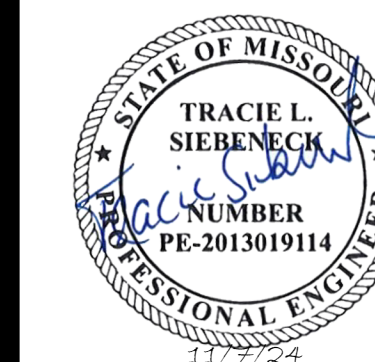


1 PLUMBING DEMOLITION PLAN - 5TH FLOOR WEST - PHASE 5
SCALE: 1/4" = 1'-0"



3 AREA MAP - 5TH FLOOR

PLUMBING LEGEND	
	ABOVE GRADE SANITARY SEWER - EXISTING
	DOMESTIC COLD WATER - EXISTING
	DOMESTIC HOT WATER - EXISTING
	EXISTING MATERIALS TO BE REMOVED



Tracie L. Siebeneck - Engineer
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DESIGNED BY: _____

SHEET TITLE:
**PLUMBING
DEMOLITION PLAN
5TH FLOOR**

SHEET NUMBER:

PD-102

28 OF 50 SHEETS
11/7/2024

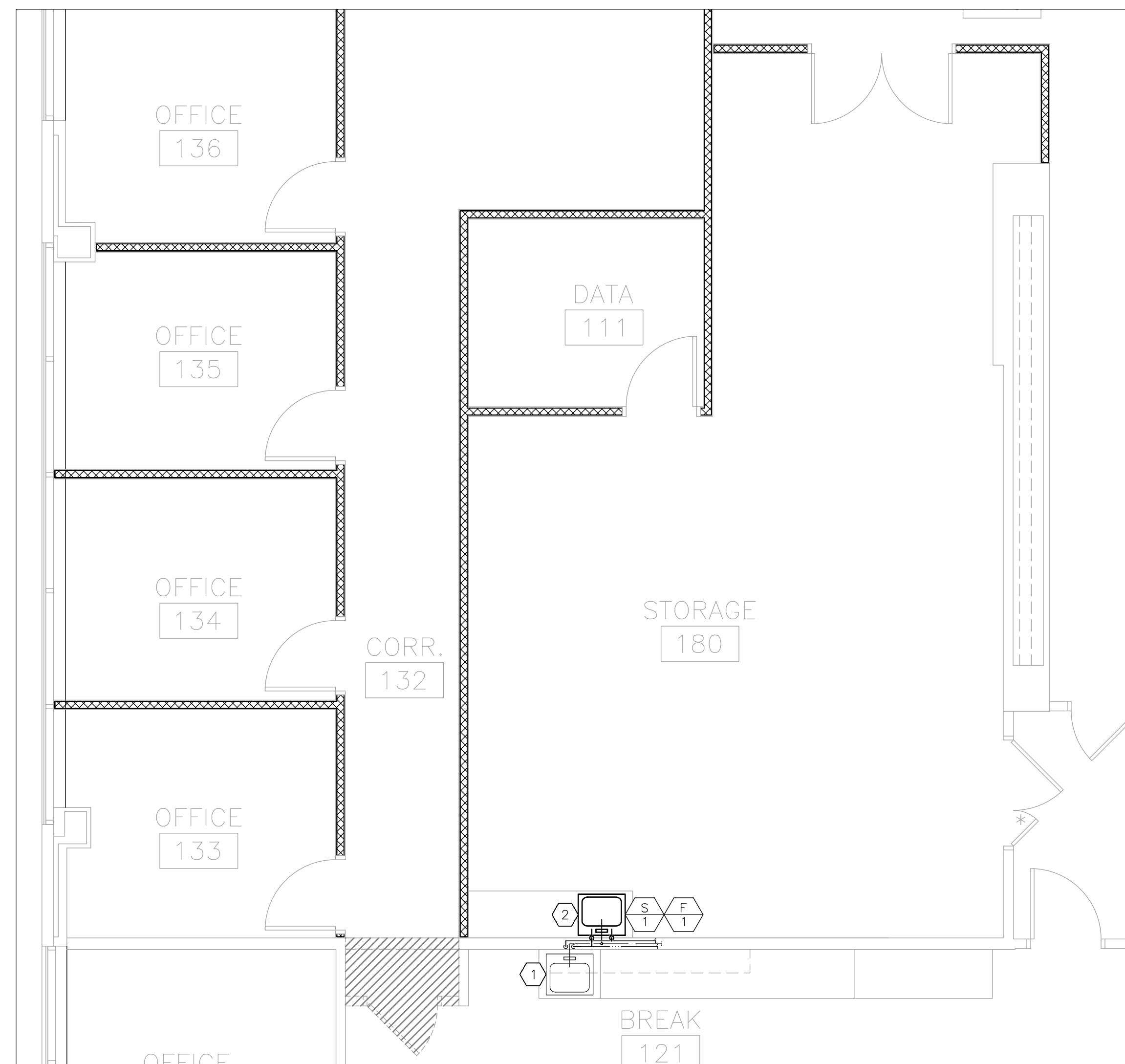
GENERAL RENOVATION NOTES

- 1 FABRICATION, INSTALLATION AND TESTING OF ALL PLUMBING SYSTEMS SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE INTERNATIONAL PLUMBING CODE (IPC) AND ALL MANUFACTURER INSTALLATION GUIDELINES.
- 2 ALL PIPE SHALL BE CONSTRUCTED AND INSTALLED AS SPECIFIED IN THE IPC AND ANSI CONSTRUCTION STANDARDS.
- 3 ALL INSULATION SHALL MEET THE ASTM E 84 FLAME/SMOKE SPREAD INDEX OF 25/50 MAXIMUM. ALL PIPE INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH THE NORTH AMERICAN INSULATION MANUFACTURERS ASSOCIATION (NAIMA):
 - DOMESTIC WATER SUPPLY: PLENUM RATED, CLOSED-CELL ELASTOMERIC; 0.5 INCH WITH MINIMUM THERMAL CONDUCTIVITY OF 0.16 BTU-IN/HR/SF/F (R3.3)
 - ALL PIPE EXPOSED BELOW LAVATORY: PROVIDE LAV GUARD2 MODEL #102, E-2, ADA COMPLIANT, MOLDED VINYL WASTE AND SUPPLY PIPE COVERS WITH ANTI-MICROBIAL TREATMENT.
- 4 ALL SINKS AND LAVATORIES SHALL BE PROVIDED WATER HAMMER ARRESTERS ON BOTH HOT AND COLD WATER SUPPLY PIPES PER DETAIL 3 OF SHEET P-601.

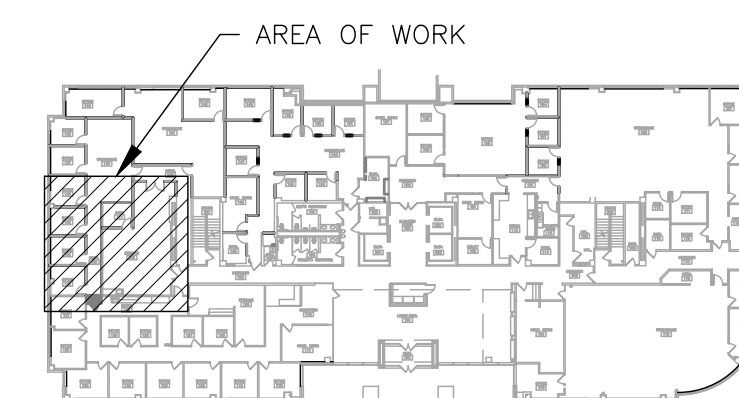
RENOVATION NOTES

INDICATES KEYED NOTES

- 1 EXISTING SINK TO REMAIN.
- 2 PROVIDE AND INSTALL BRASS TAIL PIECE FOR SINK SANITARY DRAIN PIPE. SINK DRAIN PIPE TO SERVE AS CONDENSATE DRAIN LOCATION FOR MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL CONTRACTOR FOR CONDENSATE PIPE SIZE.



1 PLUMBING RENOVATION PLAN -- 1ST FLOOR WEST -- PHASE 3
SCALE: 1/4" = 1'-0"



2 AREA MAP -- 1ST FLOOR

PLUMBING LEGEND	
	DEVICE SCHEDULE TAG
	PLUMBING FIXTURE -- NEW
	PLUMBING FIXTURE -- EXISTING
	ABOVE GRADE SANITARY SEWER -- NEW
	ABOVE GRADE SANITARY SEWER -- EXISTING
	DOMESTIC COLD WATER -- NEW
	DOMESTIC COLD WATER -- EXISTING
	DOMESTIC HOT WATER -- NEW
	DOMESTIC HOT WATER -- EXISTING



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CAD DWG FILE: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
**PLUMBING
RENOVATION PLAN
1ST FLOOR**

SHEET NUMBER:

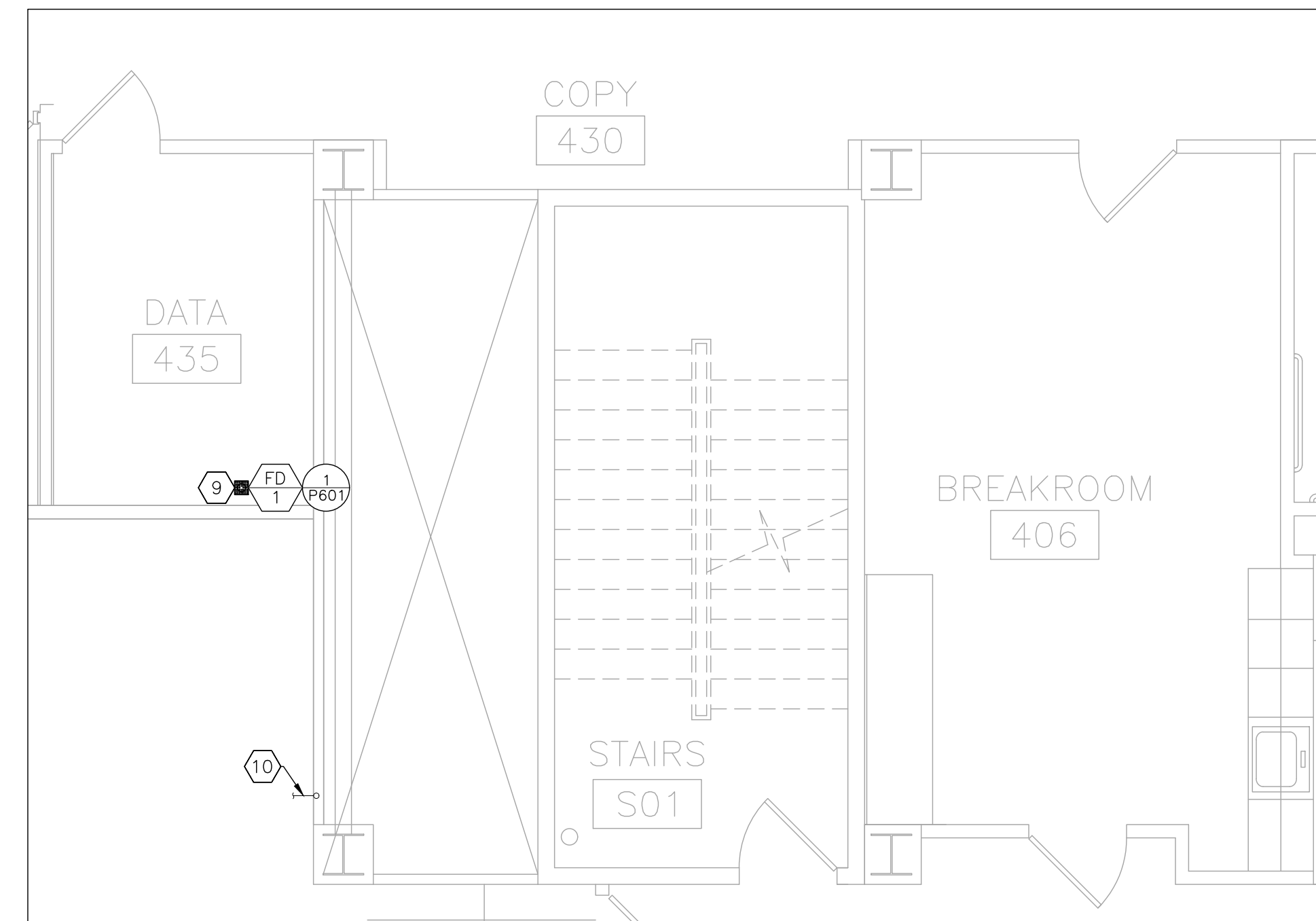
P-101

29 OF 50 SHEETS
11/7/2024

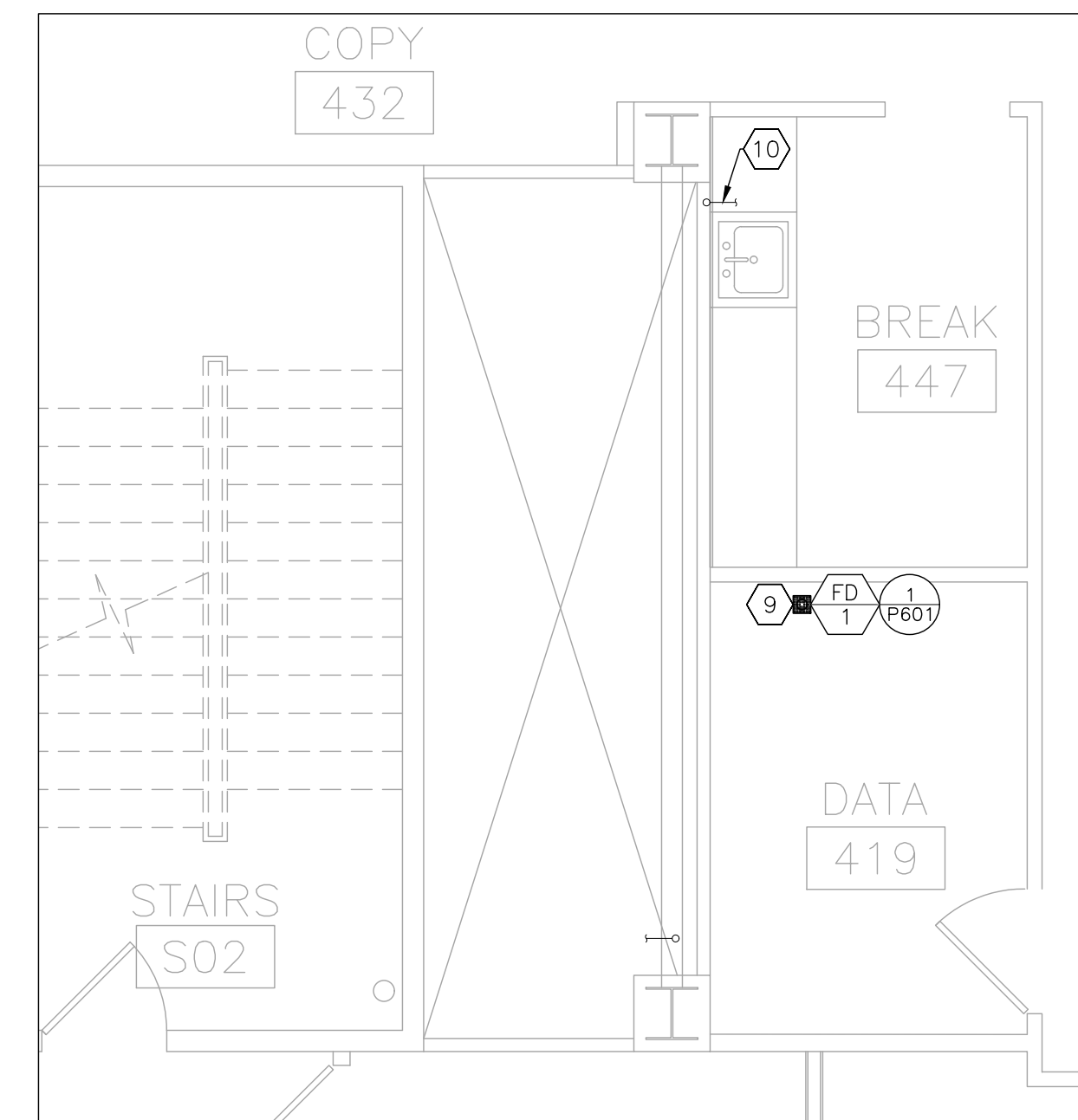
RENOVATION NOTES

INDICATES KEYED NOTES

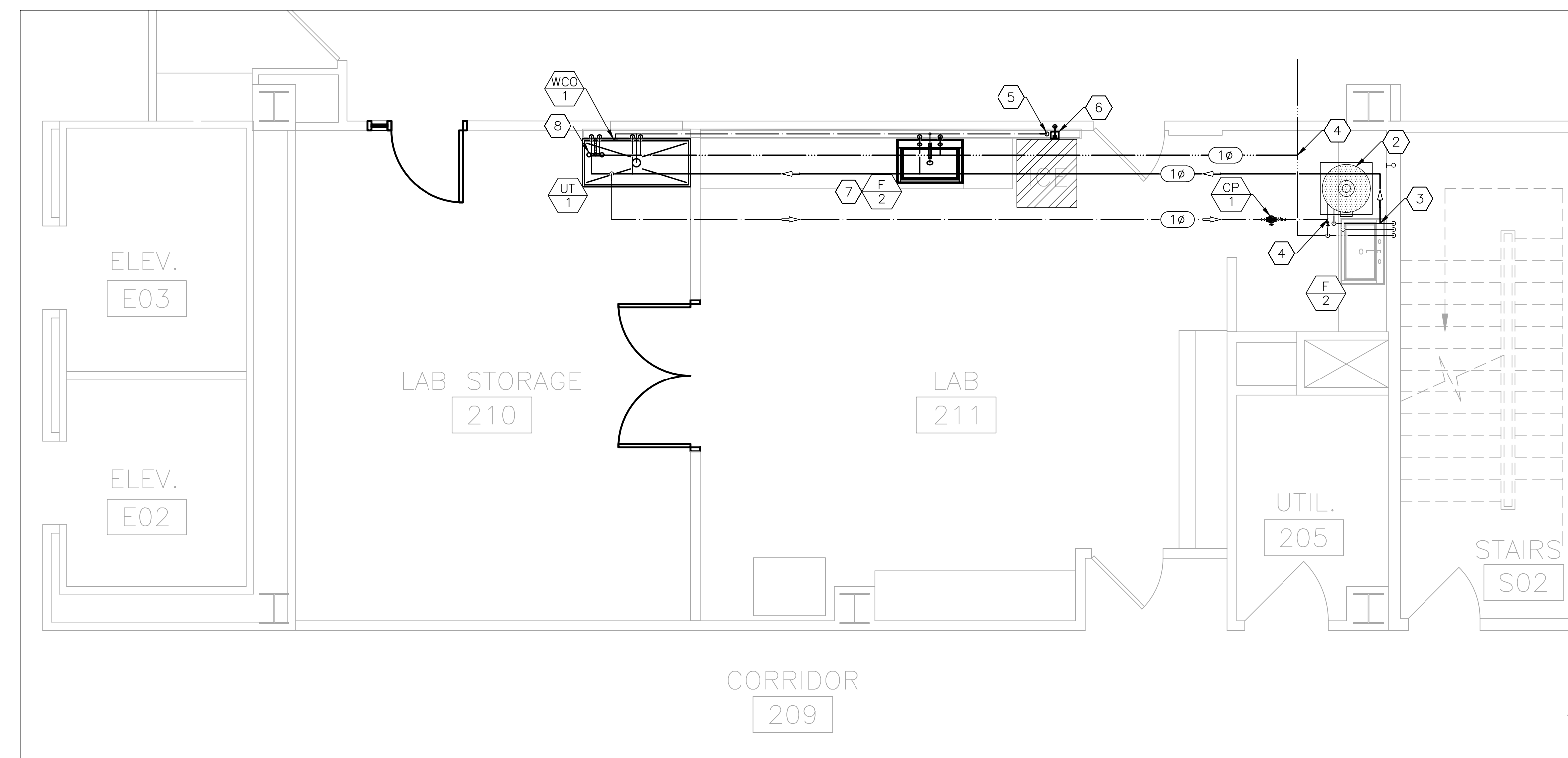
- 1 REFER TO P-101 FOR GENERAL RENOVATION NOTES.
- 2 EXISTING HOT WATER HEATER LOCATED ABOVE CEILING.
- 3 CONNECT TO EXISTING HOT WATER PIPE.
- 4 CONNECT TO EXISTING COLD WATER PIPE.
- 5 CONNECT TO EXISTING SANITARY DRAIN.
- 6 INSTALL RETAINED ICE MAKER OUTLET BOX WITH VALVE AND WATER HAMMER ARRESTOR IN NEW WALL AND CONNECT TO EXISTING COLD WATER PIPE.
- 7 PROVIDE AND INSTALL FAUCET AND DRAIN FOR INTEGRAL COUNTERTOP SINK.
- 8 PROVIDE AND INSTALL GUARDIAN WALL MOUNTED EMERGENCY EYE/FACE WASH LESS BOWL MODEL G1771 OR EQUAL. COORDINATE INSTALLATION WITH UTILITY TUB (UT-1).
- 9 PROVIDE AND INSTALL FLOOR DRAIN FOR CONDENSATE DISPOSAL FROM MECHANICAL EQUIPMENT. ROUTE SANITARY DRAIN PIPE BELOW 4TH FLOOR SLAB TO NEAREST EXISTING DRAIN PIPE.
- 10 FOUR INCH SANITARY DRAIN CONNECTION LOCATED BELOW SLAB.



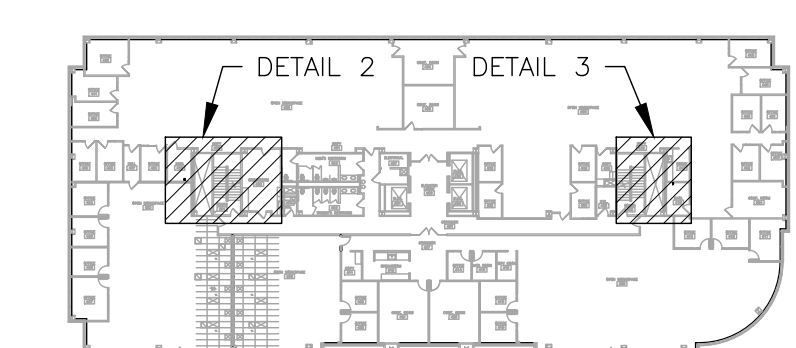
2 PLUMBING RENOVATION PLAN - 4TH FLOOR WEST - PHASE 4
SCALE: 1/4" = 1'-0"



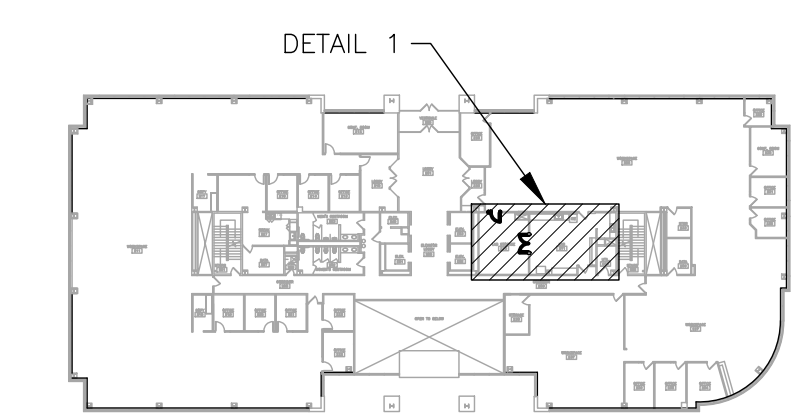
3 PLUMBING RENOVATION PLAN - 4TH FLOOR EAST - PHASE 4
SCALE: 1/4" = 1'-0"



1 PLUMBING RENOVATION PLAN - 2ND FLOOR LAB - PHASE 2
SCALE: 1/4" = 1'-0"



5 AREA MAP - 4TH FLOOR



4 AREA MAP - 2ND FLOOR

PLUMBING LEGEND	
AA #	DEVICE SCHEDULE TAG
P###	DETAIL REFERENCE, NUMBER/SHEET
(10)	PIPE SIZE-ROUND (INCHES DIAMETER)
—	PLUMBING FIXTURE - NEW
---	PLUMBING FIXTURE - EXISTING
---	ABOVE GRADE SANITARY SEWER - NEW
---	ABOVE GRADE SANITARY SEWER - EXISTING
---	DOMESTIC COLD WATER - NEW
---	DOMESTIC COLD WATER - EXISTING
---	DOMESTIC HOT WATER - NEW
---	DOMESTIC HOT WATER - EXISTING
→	DIRECTION OF FLOW
⊗	BALL VALVE
⊘	CHECK VALVE
⊕	BALANCE VALVE



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
ASSET #

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DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
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CAD DWG FILE: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
**PLUMBING
RENOVATION PLAN
2ND AND 4TH FLOOR**

SHEET NUMBER:

P-102



Tracie L. Siebeneck - Engineer
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SHEET TITLE:
**PLUMBING
RENOVATION PLAN
5TH FLOOR**

SHEET NUMBER:

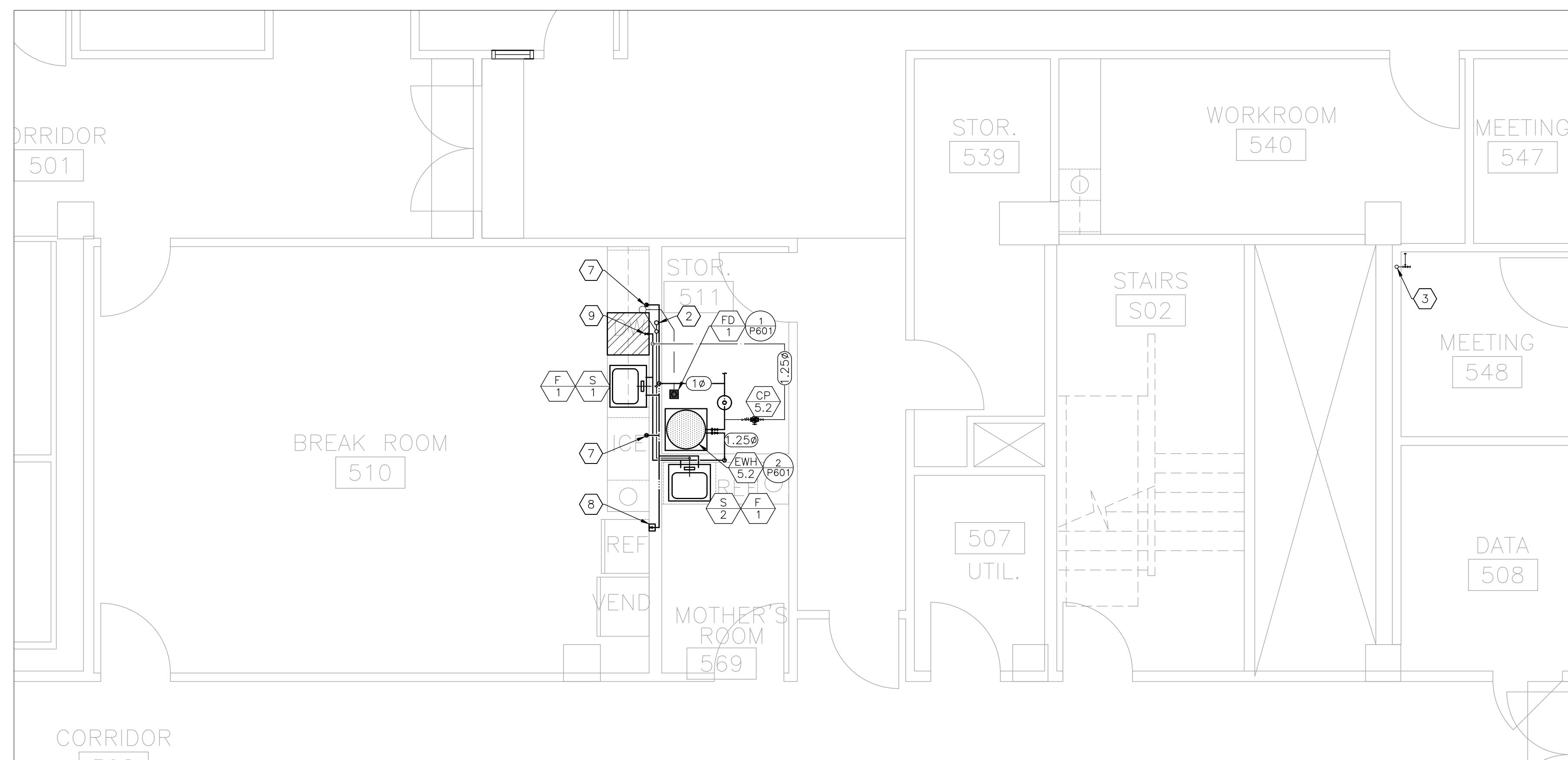
P-103

31 OF 50 SHEETS
11/7/2024

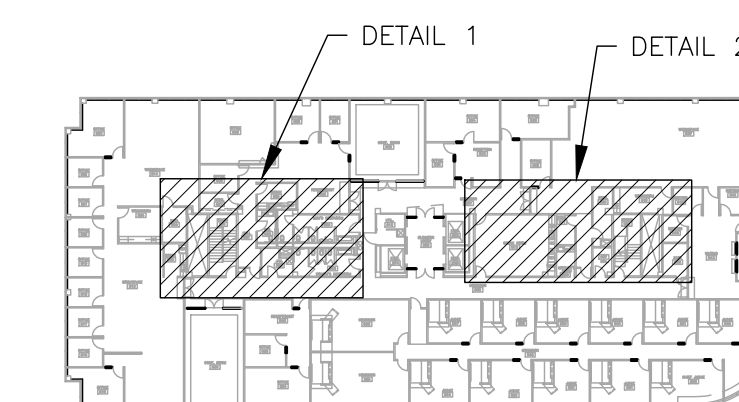
RENOVATION NOTES

INDICATES KEYED NOTES

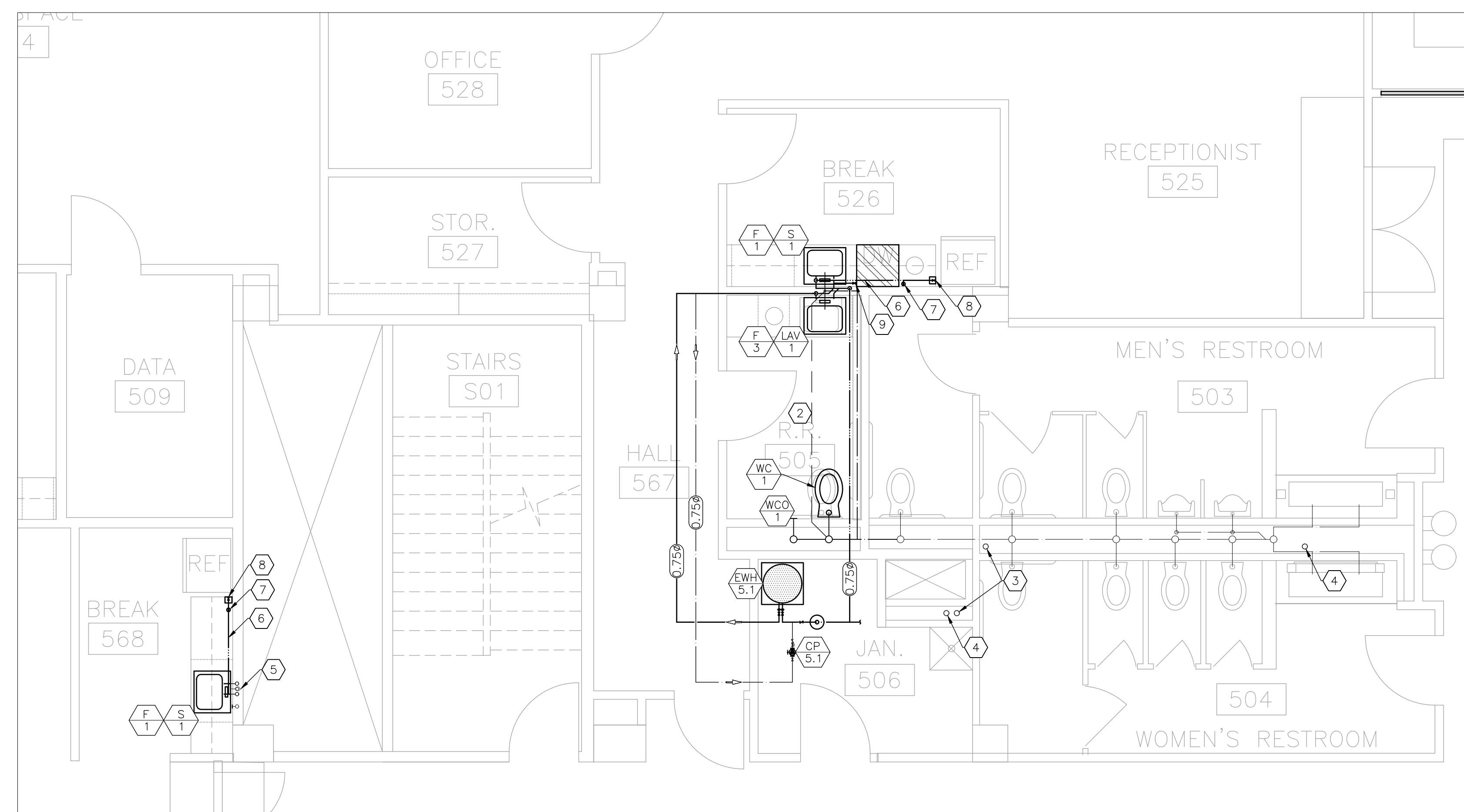
- 1 REFER TO P-101 FOR GENERAL RENOVATION NOTES.
- 2 CONNECT TO EXISTING VENT SYSTEM.
- 3 EXISTING COLD WATER RISER.
- 4 EXISTING HOT WATER RISER.
- 5 CONNECT TO EXISTING HOT, COLD, AND SANITARY PIPES.
- 6 ROUTE 1/2 INCH COLD WATER PIPE THROUGH CABINET BASE FOR COFFEE MAKER AND REFRIGERATOR ICE MAKER OUTLET BOX.
- 7 ROUTE 1/2 INCH COLD WATER PIPE UP THROUGH COUNTERTOP AND PROVIDE SHUT OFF VALVE ABOVE COUNTERTOP FOR COFFEE MAKER OR ICE MAKER. COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR SUCH THAT VALVE WILL BE BEHIND APPLIANCE.
- 8 PROVIDE ICE MAKER OUTLET BOX WITH VALVE AND WATER HAMMER ARRESTOR (MB-1). COORDINATE WITH GENERAL CONTRACTOR TO CUT CABINET OR WALL FOR INSTALLATION.
- 9 ROUTE HOT WATER PIPE THROUGH CABINET BASE TO DISHWASHER AND PROVIDE VALVE IN ACCESSIBLE LOCATION.



2 PLUMBING RENOVATION PLAN - 5TH FLOOR EAST - PHASE 5
SCALE: 1/4" = 1'-0"

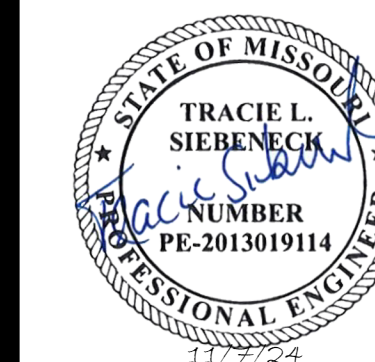


3 AREA MAP - 5TH FLOOR



1 PLUMBING RENOVATION PLAN - 5TH FLOOR WEST - PHASE 5
SCALE: 1/4" = 1'-0"

PLUMBING LEGEND	
	DEVICE SCHEDULE TAG
	DETAIL REFERENCE, NUMBER/SHEET
	PIPE SIZE-ROUND (INCHES DIAMETER)
	PLUMBING FIXTURE - NEW
	PLUMBING FIXTURE - EXISTING
	ABOVE GRADE SANITARY SEWER - NEW
	ABOVE GRADE SANITARY SEWER - EXISTING
	PLUMBING VENT - NEW
	DOMESTIC COLD WATER - NEW
	DOMESTIC COLD WATER - EXISTING
	DOMESTIC HOT WATER - NEW
	DOMESTIC HOT WATER - EXISTING
	DIRECTION OF FLOW
	BALL VALVE
	CHECK VALVE
	BALANCE VALVE



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CAD DWG FILE: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
**PLUMBING
SCHEDULES
AND DETAILS**

SHEET NUMBER:

P-601

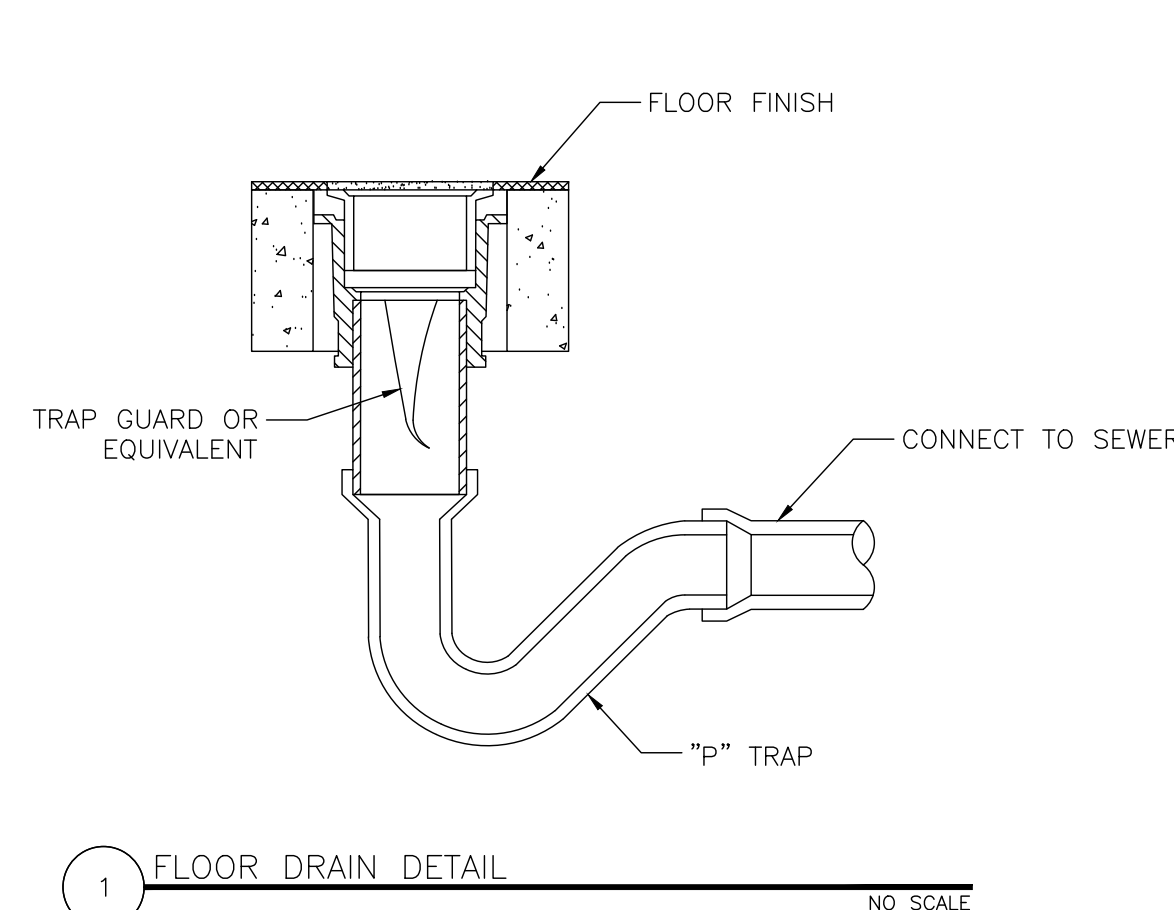
32 OF 50 SHEETS
11/7/2024

WATER CLOSET SCHEDULE				
MARK	MANUFACTURER	MODEL	DESCRIPTION	NOTES
WC-1	AMERICAN STANDARD	AFWALL MILLENNIUM 2257.101	TYPE: WALL MOUNT; MATERIAL: WHITE VITREOUS CHINA; INLET: 1-1/2" TOP SPUD; OUTLET: 2-1/8" FULLY GLAZED TRAPWAY; BOWL: ELONGATED	1,2,3
NOTES				
1	PROVIDE AMERICAN STANDARD MODEL 5901.110T, HEAVY DUTY SEAT, OPEN FRONT, LESS COVER, WITH EVERCLEAN SURFACE			
2	PROVIDE SLOAN MODEL G2 8111 ELECTRONIC SENSOR OPERATED FLUSHOMETER; 1.6 GPF			
3	PROVIDE ZURN MODEL Z1203-H CARRIER			

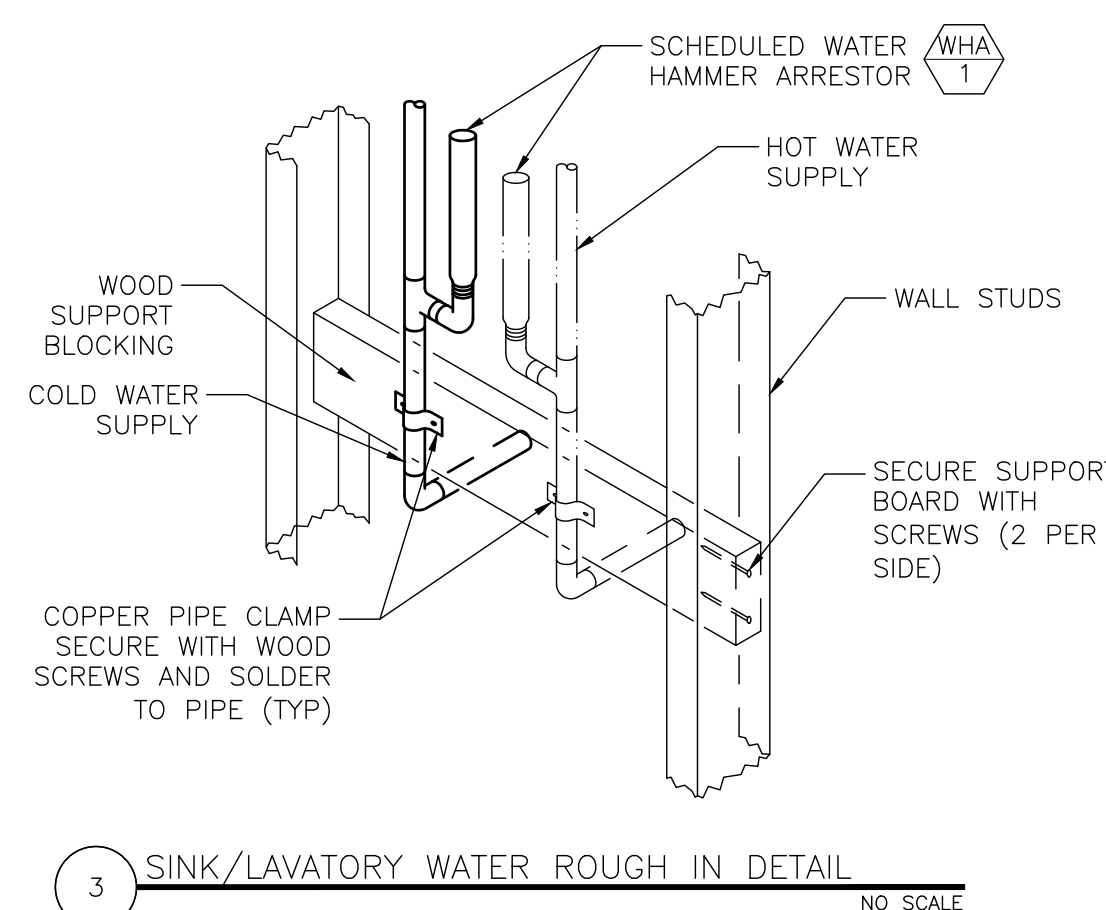
UTILITY TUB SCHEDULE							
MARK	MANUFACTURER	MODEL	EXTERIOR DIMENSIONS	BOWL DIMENSIONS	DESCRIPTION	SPECIFICATION	NOTES
UT-1	E.L. MUSTEE	28CF BIG TUB UTILATUB	40"Wx24"D 34"H	36-1/2"Wx17-1/2"D 12-1/2"H	UTILITY TUB COMBO KIT W/ SWIVEL FAUCET	TYPE: FREE STANDING UTILITY TUB; MATERIAL: POLYPROPYLENE WITH MATCHED METAL MOLDS; FAUCET: SWIVEL FAUCET W/ 24" LONG PULL-OUT SPOUT AND LEVER HANDLES; DRAIN: 1-1/2" MOLDED-IN DRAIN	1
NOTES							
1	PROVIDE COMBO KIT TO INCLUDE SWIVEL FAUCET, TWO FLEXIBLE SUPPLY LINES, 1-1/2" P-TRAP WITH 12" TAILPIECE						

DRAIN WASTE AND VENT SCHEDULE						
MARK	MANUFACTURER	MODEL	FACE SIZE	DESCRIPTION	SPECIFICATION	NOTES
FD-1	ZURN	EZ-PV2-ST-SS-TSP	5 INCH x 5 INCH	ADJUSTABLE ON GRADE SANITARY FLOOR DRAIN	BODY: PVC SOLVENT WELD; GRATE: POLISHED STAINLESS STEEL TOP	1,2
WCO-1	ZURN	Z1446	5 INCH DIA	WALL CLEANOUT W/ ROUND WALL ACCESS COVER	BODY: DURA-COATED CAST IRON BODY; ACCESS COVER: SMOOTH STAINLESS STEEL W/ SECURING SCREW	3
NOTES						
1	PROVIDE 2 INCH NO-HUB OUTLET					
2	PROVIDE TRAP SEAL PROTECTIVE DEVICE ZURN MODEL Z1072 OR EQUAL AND MATCH SIZE TO DRAIN OUTLET					
3	PROVIDE NO-HUB OUTLET, SEE PLANS FOR PIPE SIZE					

HOT WATER CIRCULATION PUMP SCHEDULE					
MARK	MANUFACTURER	MODEL	FLOWRATE SHUT-OFF HEAD ELECTRICAL	DESCRIPTION	SPECIFICATION
CP-1	TACO	006e3	11 GPM/13FT 120/1/60	WET ROTOR CIRCULATOR	CASING: COMPOSITE; MOTOR: ECM; IMPELLER: COMPOSITE; SHAFT: CERAMIC; BEARINGS: CARBON; 3 SETTING SPEED DIAL



1 FLOOR DRAIN DETAIL
NO SCALE



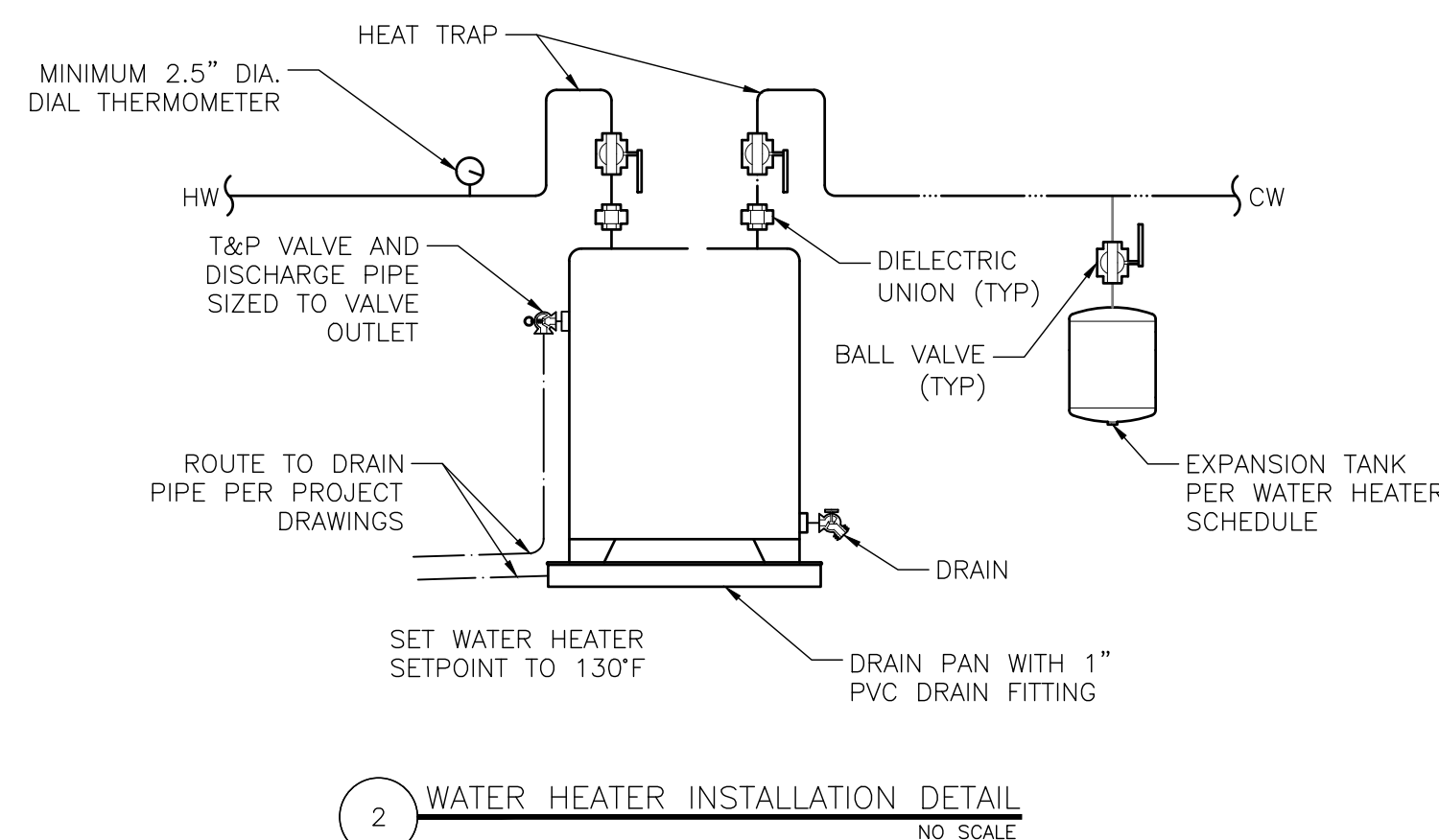
3 SINK/LAVATORY WATER ROUGH IN DETAIL
NO SCALE

FAUCET SCHEDULE					
MARK	MANUFACTURER	MODEL	CONNECTIONS	DESCRIPTION	NOTES
F-1	ELKAY	LK800LGN08T6	3/8" HOT/COLD	TYPE: CENTERSET W/ CONCEALED DECK; SPOUT: 8" GOOSENECK; FINISH: CHROME; CONSTRUCTION: SOLID BRASS; HANDLES: 6" WRIST BLADE W/ BLUE AND RED COLOR INDEXES; VALVES: 1/4 TURN CERAMIC DISC	1
F-2	ZURN	AQUASPEC Z826V4-XL	3/8" HOT/COLD	TYPE: LABORATORY GOOSENECK FAUCET; SPOUT: 8" CENTERLINE RIGID GOOSENECK W/ VACUUM BREAKER; FINISH: POLISHED CHROME; CONSTRUCTION: SOLID BRASS; HANDLES: 4" VANDAL RESISTANT COLOR CODED METAL WRIST BLADE; VALVES: 1/4 TURN CERAMIC DISC; FLOWRATE: 2.2 GPM W/ PRESSURE COMPENSATING AERATOR	1,2
F-3	KOHLER	TRITON BOWE K-800T20-4ATA	1/2" HOT/COLD	TYPE: COUNTER MOUNT WIDE SPREAD LAVATORY FAUCET W/ VANDAL RESISTANT AERATOR; SPOUT: 5-1/2" TRADITIONAL; FINISH: POLISHED CHROME; CONSTRUCTION: SOLID BRASS; HANDLES: LEVER HANDLES W/ BLUE AND RED COLOR INDEXES; VALVES: 1/4 TURN CERAMIC DISC; FLOWRATE: 0.35 GPM	1
NOTES					
1	PROVIDE STAINLESS STEEL WATER SUPPLY CONNECTORS AND MULTI-TURN ANGLE STOPS				
2	PROVIDE ELKAY MODEL LK35B 3-1/2 INCH STAINLESS STEEL DRAIN WITH REMOVABLE STRAINER BASKET				

LAVATORY SCHEDULE					
MARK	MANUFACTURER	MODEL	BOWL DIMENSIONS	DESCRIPTION	NOTES
LAV-1	KOHLER	LADENA K-2215	20-5/8"Lx13-5/8"W 4-5/8" WD	TYPE: RECTANGULAR UNDERCOUNTER MOUNT; MATERIAL: WHITE VITREOUS CHINA; DRAIN: 1-3/4" SOLID BRASS W/ OVERFLOW	1,2
NOTES					
1	PROVIDE KOHLER MODEL K-8998 1-1/4 INCH BRASS TUBULAR P-TRAP WITHOUT CLEANOUT				
2	PROVIDE KOHLER MODEL K-7129-A 1-1/4 INCH SOLID BRASS DRAIN WITH POLISHED CHROME FINISH				

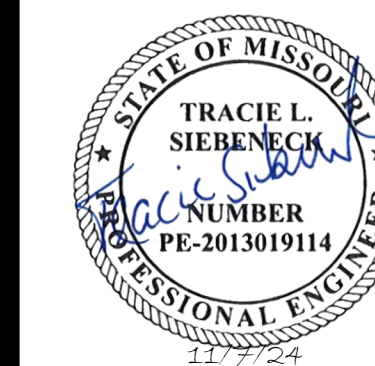
SINK SCHEDULE					
MARK	MANUFACTURER	MODEL	DIMENSIONS	DESCRIPTION	NOTES
S-1	ELKAY	ECTSRAD252260	25"x22"x6" 3-1/2" DRAIN	MOUNTING TYPE: UNDERCOUNTER MOUNT; MATERIAL 18 GAUGE 304 STAINLESS STEEL; FINISH: POLISHED SATIN; BOWL: 22-1/2"x16-3/4"x6" SINGLE BOWL; HOLE DRILLING: THREE 1-1/2" DIAMETER FAUCET HOLES ON 4" CENTERS	1,2
S-2	ELKAY	DLR191910PD	19-1/2"x19"x11-5/8" 3-3/8" DRAIN	MOUNTING TYPE: DROP IN; MATERIAL: 18 GAUGE 304 STAINLESS STEEL; FINISH: LUSTROUS SATIN; BOWL: 16"x13-1/2"x10" SINGLE BOWL; HOLE DRILLING: THREE 1-1/2" DIAMETER FAUCET HOLES ON 4" CENTERS	1,3
NOTES					
1	PROVIDE DEARBORN BRASS MODEL 700-1; BRASS TUBULAR 1-1/4 INCH P-TRAP WITHOUT CLEANOUT				
2	PROVIDE LK18B, 3-1/2 INCH DRAIN WITH REMOVABLE STAINLESS STEEL STRAINER BASKET				
3	PROVIDE LKPD1, 3-5/8 INCH DRAIN WITH REMOVABLE STAINLESS STEEL STRAINER				

WATER HEATER SCHEDULE						
MARK	MANUFACTURER	MODEL	TYPE/EFFICIENCY CAPACITY	CONNECTIONS	WEIGHT (LBS)	NOTES
EW-5.1	RHEEM	XE30P06PU20U1	ELECTRIC/0.9 UEF 30 GALLONS	3/4" INLET/OUTLET	91	1,2
EW-5.2	RHEEM	XE30P06PU20U1	ELECTRIC/0.9 UEF 30 GALLONS	3/4" INLET/OUTLET	91	1,2
NOTES						
1	PROVIDE DRAIN PAN WITH OVERFLOW PIPE CONNECTION					
2	PROVIDE WATTS MODEL PLT-5 POTABLE WATER EXPANSION TANK					



2 WATER HEATER INSTALLATION DETAIL
NO SCALE

VALVE SCHEDULE							
MARK	MANUFACTURER	MODEL	CONNECTIONS	DESCRIPTION	SPECIFICATION	NOTES	
WHA-1	SIoux CHIEF	652 SERIES	VARIOUS 1/2"-2" SWEAT	PISTON TYPE WATER HAMMER ARRESTER	BODY: TYPE L COPPER TUBE; PISTON: POLY PISTON WITH TWO EPDM O-RINGS AND DOW-CORNING, 111 FDA APPROVED SILICONE COMPOUND LUBRICANT	1	
IMB-1	SIoux CHIEF	696-G1010MF	MIP/FSWT 1/2" INLET 1/4" COMPRESSION OUTLET	ICE MAKER OUTLET BOX W/ BALL VALVE AND AIR CUSHION ARRESTER	BODY: FORGED BRASS; VALVE SHANK: BRASS W/ 304 STAINLESS STEEL GRIP RING, BRASS NUT AND SILICONE SEAL; FRAME: WHITE ABS; ARRESTER BODY: 304 STAINLESS STEEL BARREL WITH BRASS BODY; ARRESTOR PISTON: POLYPROPYLENE W/ EPDM O-RINGS		
NOTES							
1	SIZE PER MANUFACTURERS INSTRUCTIONS						



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1390 TIMBERLAKE MANOR
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CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
ASSET #

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DATE:
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ISSUE DATE: 11/7/2024

CAD DWG FILE:
DRAWN BY:
CHECKED BY:
DESIGNED BY:

SHEET TITLE:
**MECHANICAL
DEMOLITION PLAN
1ST FLOOR**

SHEET NUMBER:

MD-101

33 OF 50 SHEETS
11/7/2024

HVAC LEGEND	
	THERMOSTAT -EQUIPMENT LABEL
	EXISTING EQUIPMENT LABEL
	SUPPLY AIR - EXISTING
	EXISTING MATERIALS TO BE REMOVED

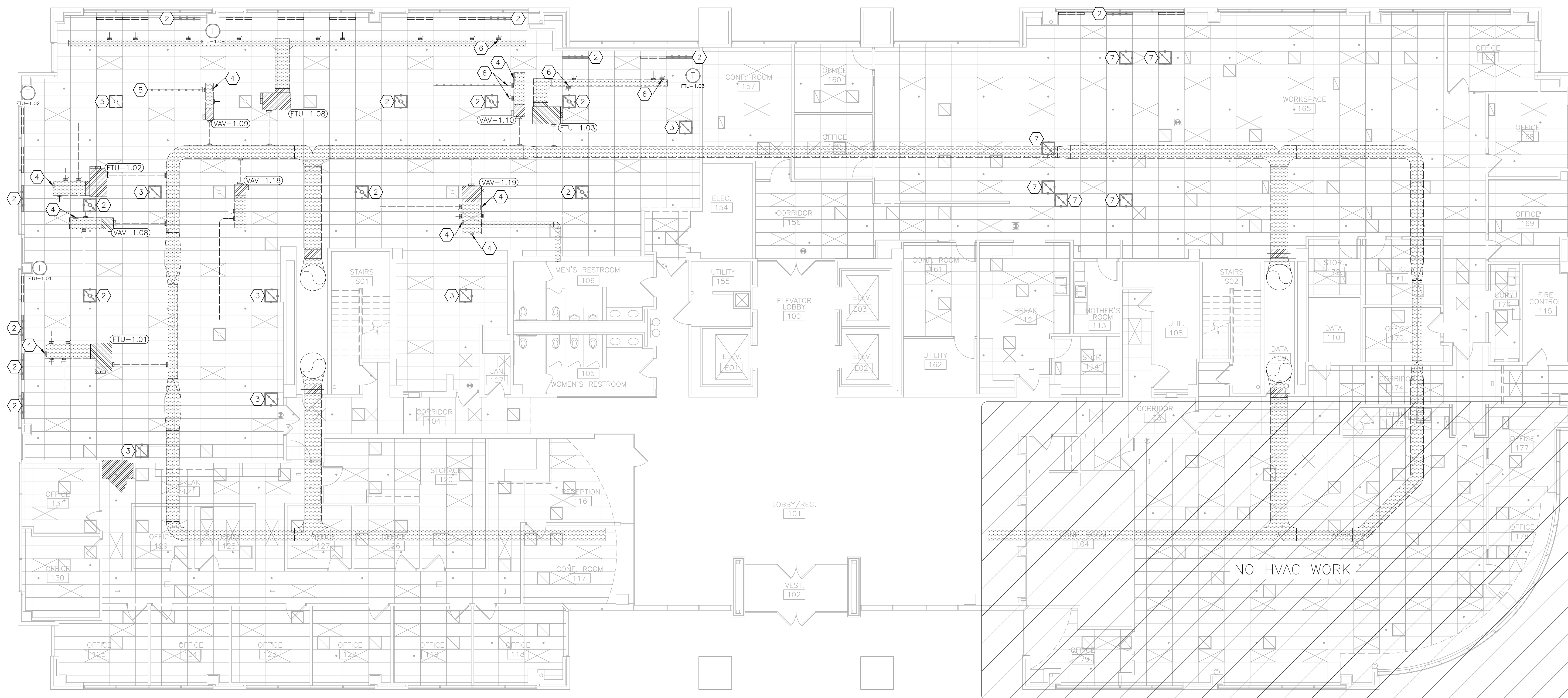
GENERAL DEMOLITION NOTES

- DEMOLITION DRAWINGS AND PLANS ARE FROM FIELD TAKE-OFF AND ORIGINAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING PRIOR TO BIDDING AND/OR CONSTRUCTION.
- COVER ALL OPENINGS INTO THE BUILDING FROM THE WORK AREA. ENSURE DEBRIS IS REMOVED FROM THE CONSTRUCTION AND DEMOLITION AREA AND AIR BORN DEBRIS IS NOT ALLOWED TO TRAVEL TO THE REMAINDER OF THE BUILDING. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL.
- COORDINATE WITH EXISTING SYSTEMS WHICH SHALL REMAIN IN OPERATION DURING DEMOLITION AND CONSTRUCTION PHASES. INSTALL TEMPORARY CAPS AT TERMINATION POINTS OF EXISTING DUCTWORK TO REMAIN DURING DEMOLITION PHASES.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ANY SURFACE IN THE AREA OF CONSTRUCTION THAT IS A RESULT OF CONSTRUCTION ACTIVITY. SURFACE SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING CONDITIONS.
- REMOVE ALL UNUSED DUCTWORK AND AIR DEVICES EXCEPT AS NOTED.

DEMOLITION NOTES

INDICATES KEYED NOTES

- DEMOLISH ALL THERMOSTATS AND ALL CONTROL WIRING BACK TO EACH UNIT. FOR FTU AND VAV EQUIPMENT SHOWN ON PLANS.
- REMOVE AND RETAIN SUPPLY AIR DEVICE. DEMOLISH ASSOCIATED FLEX DUCT. TAKE-OFF TO REMAIN FOR USE IN NEW CONSTRUCTION.
- REMOVE AND RETAIN RETURN AIR DEVICE FOR USE IN NEW CONSTRUCTION.
- CREATE PENETRATION WITHIN EXISTING DUCT FOR NEW TAKE-OFF. REFER TO SHEET M-101 FOR NEW TAKE-OFF SIZE.
- SUPPLY AIR DEVICE TO REMAIN. DEMOLISH ASSOCIATED TAKE-OFF AND PATCH DUCT TO REMAIN. PROVIDE AIR TIGHT SEAL AND INSULATE TO MATCH EXISTING.
- DEMOLISH TAKE-OFF AND PATCH DUCT TO REMAIN. PROVIDE AIR TIGHT SEAL AND INSULATE TO MATCH EXISTING.
- DETERMINE IF AIR DEVICE IS SUPPLY OR RETURN. DEMOLISH ALL RETURN AIR DEVICES AND RELOCATE TWO SUPPLY AIR DEVICES PER SHEET M-101.



DEMOLITION NOTES

INDICATES KEYED NOTES

- 1 REFER TO SHEET MD-101 FOR GENERAL DEMOLITION NOTES.
- 2 DEMOLISH INDOOR UNIT, ASSOCIATED REFRIGERANT LINE SET AND ROOFTOP MOUNTED CONDENSING UNIT. CONDENSATE DRAIN PIPE TO BE REUSED IN NEW CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR TO FILL FLOOR PENETRATIONS AND CAP ROOF PENETRATION.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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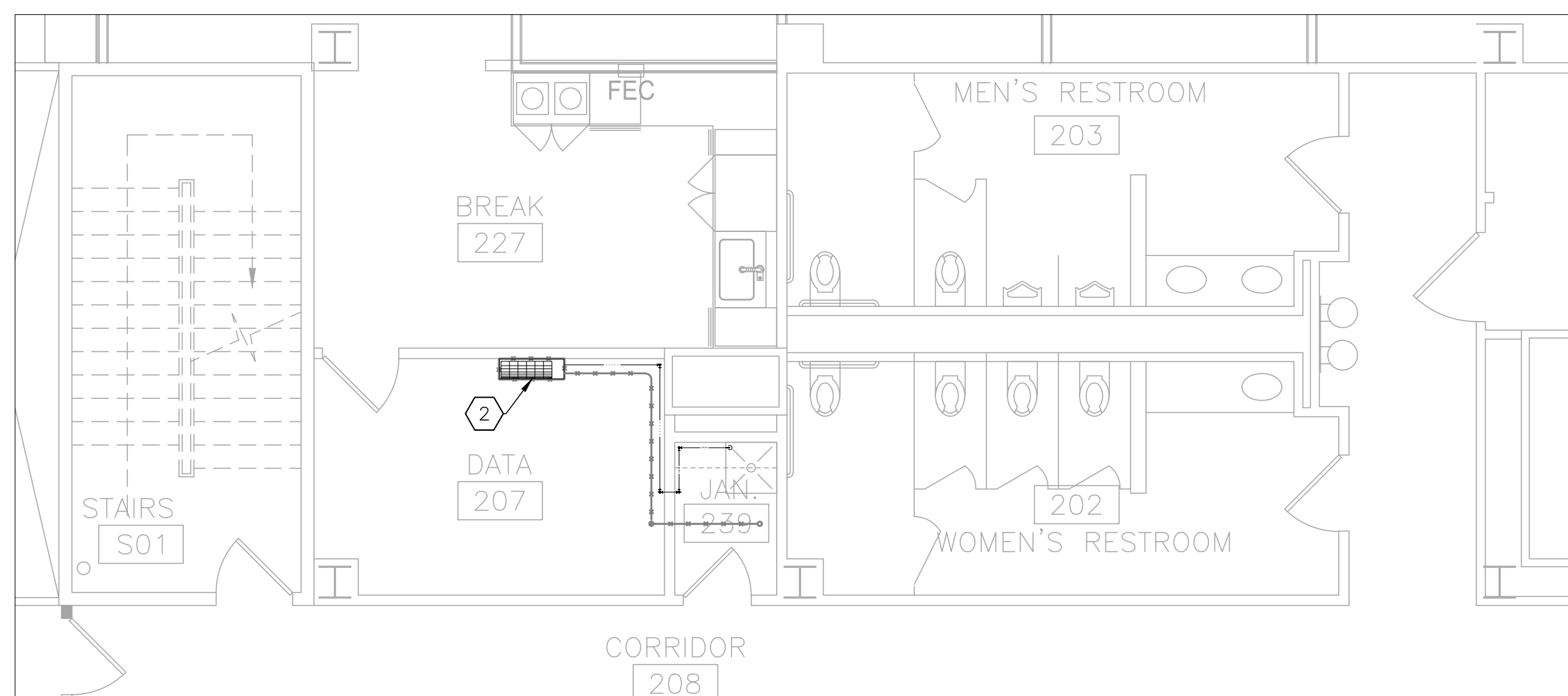
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SHEET TITLE:
**MECHANICAL
DEMOLITION PLAN
2ND FLOOR**

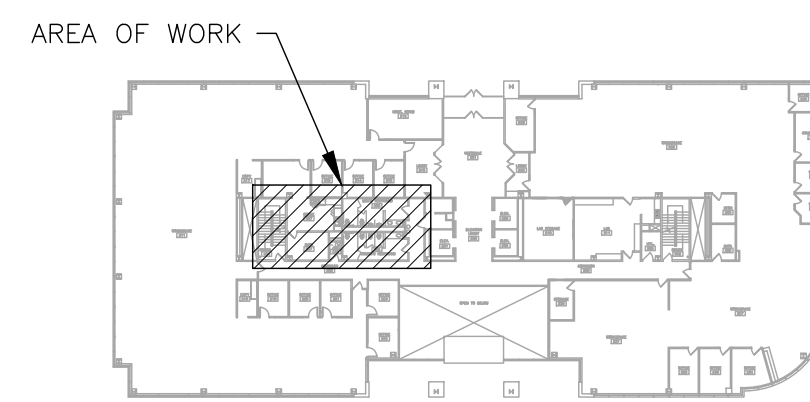
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MD-102

34 OF 50 SHEETS
11/7/2024

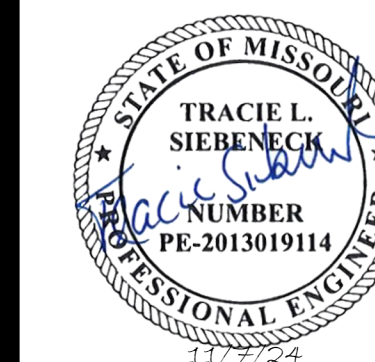


1 MECHANICAL DEMOLITION PLAN -- 2ND FLOOR WEST -- PHASE 2
SCALE: 3/16" = 1'-0"



2 AREA MAP -- 2ND FLOOR

HVAC LEGEND	
	EXISTING MATERIALS TO BE REMOVED



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DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
**MECHANICAL
DEMOLITION PLAN
5TH FLOOR**

SHEET NUMBER:

MD-103

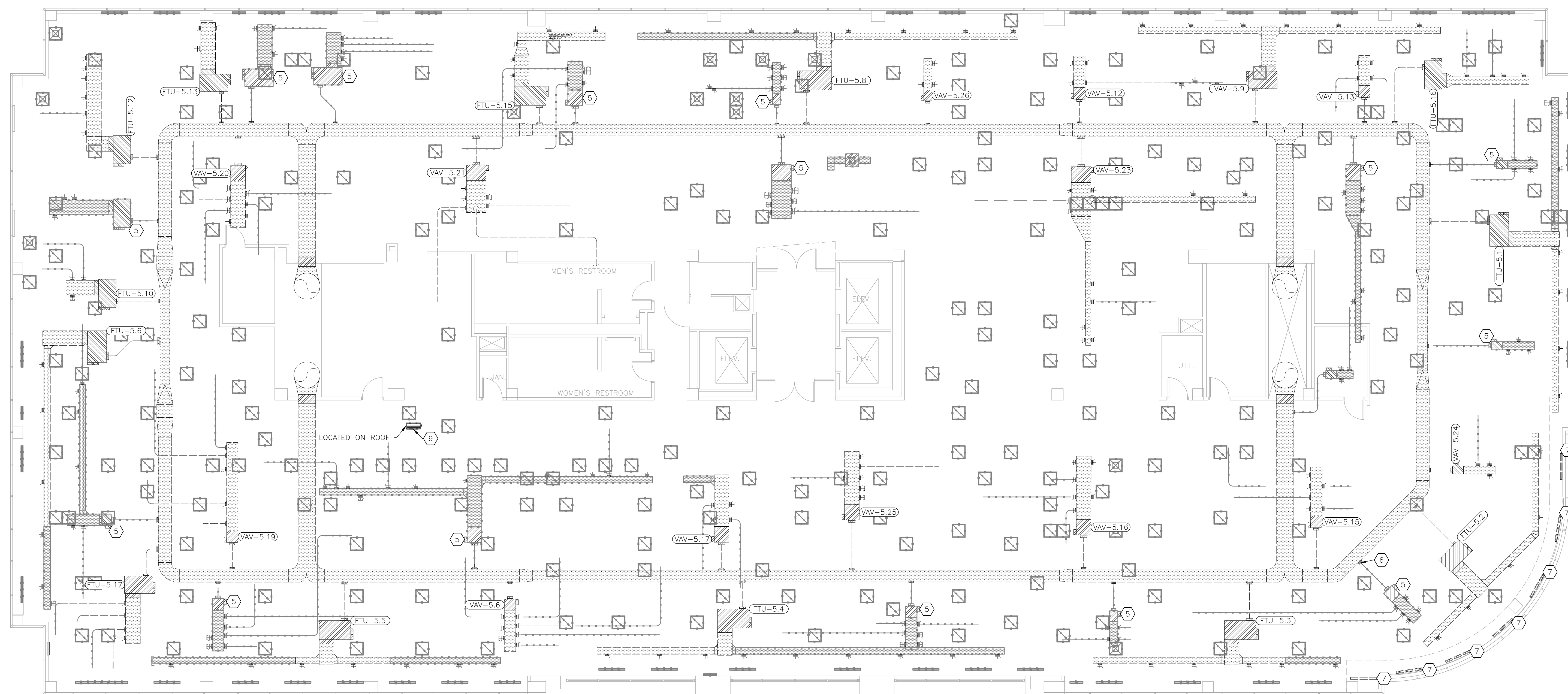
35 OF 50 SHEETS
11/7/2024

DEMOLITION NOTES

INDICATES KEYED NOTES

HVAC LEGEND	
T	THERMOSTAT
-----	EXISTING MATERIALS TO BE REMOVED

- 1 REFER TO MD-101 FOR GENERAL DEMOLITION NOTES.
- 2 DEMOLISH ALL SUPPLY AND RETURN AIR DEVICES AND ALL ASSOCIATED FLEXIBLE DUCT EXCEPT AS NOTED.
- 3 DEMOLISH SHEET METAL DUCT AS SHOWN.
- 4 DEMOLISH ALL THERMOSTATS AND ALL CONTROL WIRING BACK TO EACH UNIT.
- 5 DEMOLISH TERMINAL UNIT AND ALL ASSOCIATED DUCT. INSTALL SHEET METAL CAP ON TAKE OFF EXCEPT AS NOTED. INSULATE CAP PER GENERAL INSULATION NOTE ON SHEET MD-101.
- 6 TAKE OFF TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 7 SLOT DIFFUSER AND ALL ASSOCIATED DUCT TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 8 CONDENSING UNIT FOR 2ND FLOOR MINI-SPLIT SYSTEM.
- 9 EXISTING EQUIPMENT TAG NUMBERS SHOWN FOR CLARITY. ALL FTU AND VAV UNITS WILL BE PROVIDED NEW TAG NUMBERS FOR NEW CONSTRUCTION.



1 MECHANICAL DEMOLITION PLAN - 5TH FLOOR - PHASE 5
SCALE: 1/8" = 1'-0"

HVAC LEGEND	
	THERMOSTAT -EQUIPMENT LABEL
	DEVICE SCHEDULE TAG
	EXISTING EQUIPMENT LABEL
	TYPICAL OF # LIKE DEVICES THIS GROUP
	AIR DEVICE: NECK SIZE (INCHES)/CFM
	RETURN AIR DEVICE: NECK SIZE (INCHES)
	DUCT SIZE-RECTANGULAR (INCHES X INCHES)
	AIR FLOW (CUBIC FEET PER MINUTE)
	NEW INSULATED CAP ON EXISTING DUCT TAP
	NEW DUCT TAP WITH DAMPER
	SUPPLY AIR - NEW
	SUPPLY AIR - EXISTING
	RETURN AIR - NEW
	REFRIGERANT PIPE - NEW
	CONDENSATE DRAIN PIPE - NEW

GENERAL RENOVATION NOTES

- FABRICATION, INSTALLATION AND TESTING OF ALL HVAC SYSTEMS SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE INTERNATIONAL MECHANICAL CODE (IMC) AND ALL MANUFACTURER INSTALLATION GUIDELINES.
- ALL METALLIC AND FLEXIBLE DUCTS SHALL BE CONSTRUCTED AND INSTALLED AS SPECIFIED IN THE IMC AND SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
- DUCT HAS BEEN DESIGNED TO FIT IN THE SPACE AVAILABLE AND TO AVOID CONFLICTS. CONTRACTOR SHALL FIELD VERIFY FOR ANY UNFORESEEN CONFLICTS PRIOR TO FABRICATING DUCT. CONTRACTOR SHALL COORDINATE WITH OTHER DISCIPLINES TO ENSURE ADEQUATE SPACE IS AVAILABLE FOR DUCT. IF DUCT IS ROUTED ABOVE OTHER DUCT, COORDINATE ELEVATION OF EACH DUCT PRIOR TO INSTALLATION TO ENSURE IT WILL FIT IN THE SPACE AVAILABLE. DESIGN INSULATION THICKNESS IS 1.5 INCH.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL LINE VOLTAGE WIRING AND CONDUIT. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL CONDUIT FOR LOW VOLTAGE WIRING.
- THIRD PARTY, AABC OR NEBB CERTIFIED TESTING, ADJUSTING, AND BALANCING CONTRACTOR SHALL TEST AND BALANCE ALL SYSTEMS TO SPECIFIED VALUES AND PREPARE A BALANCE REPORT PER ASHRAE STANDARD 111 OR EQUAL. REPORT SHALL BE SENT TO THE ENGINEER FOR APPROVAL PRIOR TO FINAL COMPLETION. BALANCE DAMPERS ARE REQUIRED ON ALL SUPPLY AIR DEVICES. INSTALL BALANCE DAMPER (BD-1) ON ANY NEW SUPPLY AIR DEVICE. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL DUCTWORK WITH TWO DIMENSION <w>D> INDICATES RECTANGULAR DUCT. ALL <D> INDICATES ROUND DUCT. DIMENSIONS ARE INCHES MEASURED INSIDE. PROVIDE STANDARD TURNING VANES OR CURVED ELBOW WITH SQUARE THROAT ON RECTANGULAR DUCTS. ROUND DUCT SHALL MAINTAIN A CENTERLINE TURNING RADIUS OF 1.5 X DUCT DIAMETER. FLEXIBLE DUCT SHALL BE 5 FEET MAXIMUM LENGTH AND BE SUPPORTED TO MINIMIZE STATIC PRESSURE DROP.
- ALL INSULATION SHALL MEET THE ASTM E 84 FLAME/SMOKE SPREAD INDEX OF 25/50 MAXIMUM. DUCT SEAMS SHALL BE SEALED. THERMAL CONDUCTIVITY VALUES PROVIDED BELOW ARE "AS INSTALLED" VALUES:
 - SUPPLY DUCT: EXTERNAL INSULATION; 1.5 INCH THICK WITH MINIMUM THERMAL CONDUCTIVITY OF 0.25 BTU-IN/HR/SF/F (R6) WITH VAPOR BARRIER.

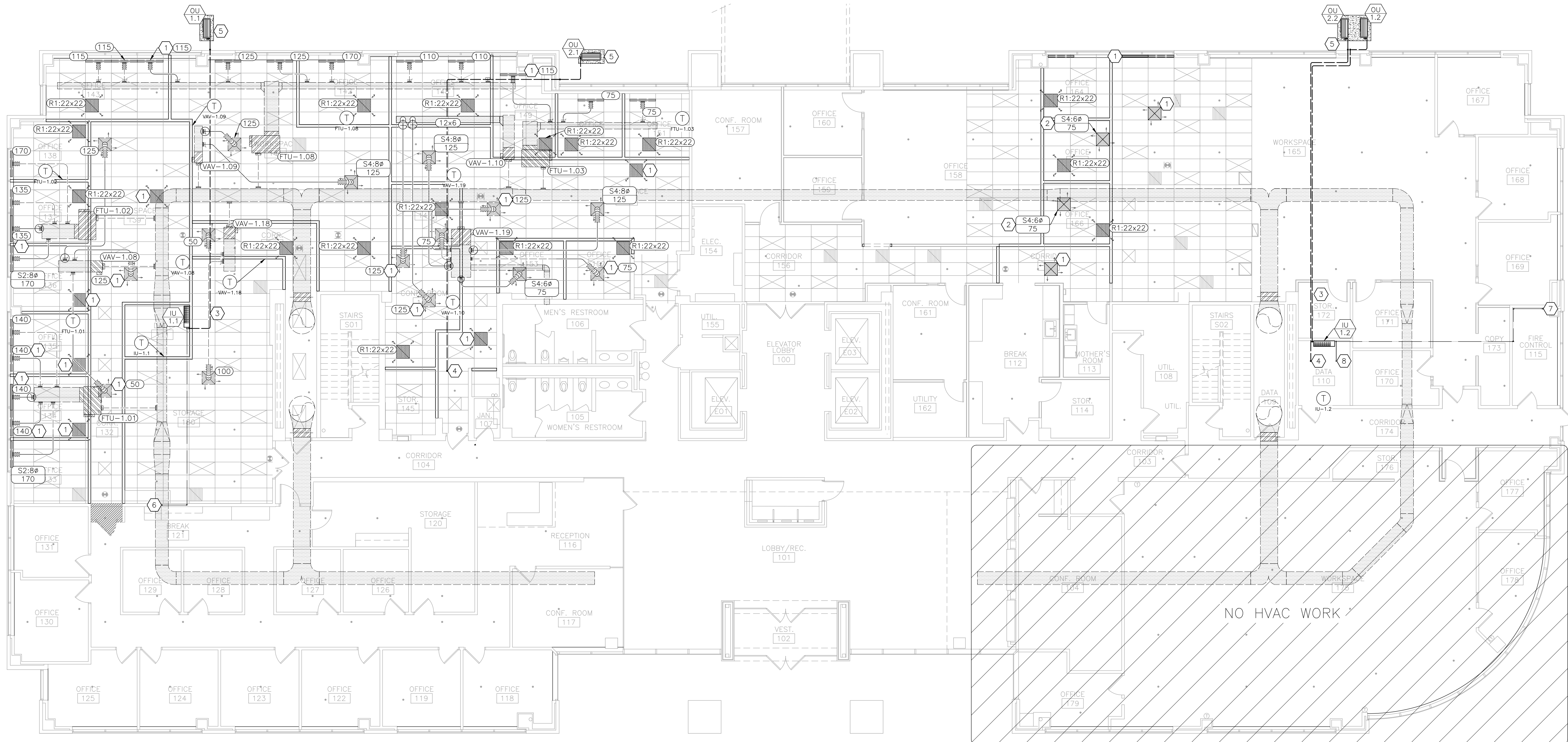
GENERAL RENOVATION NOTES CONT'D

- PROVIDE SUITABLE SUPPORTS FOR STABILITY OF ALL HVAC DEVICES AND DUCT. AIR HANDLING EQUIPMENT SHALL BE PROVIDED WITH FLEXIBLE SUPPLY AND RETURN AIR DUCT CONNECTORS AT UNITS. HORIZONTAL UNITS SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE THE UNIT.
- PROVIDE A TRAPPED CONDENSATE DRAIN PIPE FOR ALL EVAPORATORS. CONDENSATE PIPE SHALL BE 0.75 INCH INSIDE DIAMETER SCHEDULE 40 PVC. PROVIDE 0.5 INCH THICK FLEXIBLE ELASTOMERIC CELLULAR INSULATION FOR ALL CONDENSATE PIPE LOCATED. SLOPE IN THE DIRECTION OF DISCHARGE A MINIMUM OF 1/8" PER FOOT.
- INSULATE ALL REFRIGERANT PIPES WITH 0.75 INCH THICK FLEXIBLE ELASTOMERIC CELLULAR INSULATION THAT COMPLIES WITH ASTM C534 GRADE 1. THE REFRIGERANT PIPES SHALL BE SUPPORTED WITH A MAXIMUM SPAN BETWEEN HANGERS OF 5 FEET. SLOPE HORIZONTAL SUCTION LINES 1 INCH PER 20 FEET TOWARD THE OUTDOOR UNIT.
- WEATHER SEAL OUTSIDE WALL REFRIGERANT PIPE PENETRATIONS. INSTALL ALUMINUM JACKET TO ANY EXTERIOR REFRIGERANT PIPE THAT IS EXPOSED TO OUTDOOR CONDITIONS.
- PRIOR TO CORE DRILLING FOR ANY FLOOR OR ROOF PENETRATION, COORDINATE WITH GENERAL CONTRACTOR SCAN SLAB FOR REINFORCING BARS. SEE NOTE ON SHEET G-002 FOR ADDITIONAL INFORMATION.
- PROVIDE AND INSTALL 2 INCH X 4 INCH VERTICAL WALL BOX WITH 3/4 INCH RIGID METAL CONDUIT FOR ALL THERMOSTAT LOCATIONS AS SHOWN ON PLAN. ROUTE CONDUIT TO ABOVE CEILING AND INSTALL METAL BUSHING. OWNER TO PROVIDE AND INSTALL CONTROL WIRING AND THERMOSTAT.
- PROVIDE AND INSTALL TRANE MODEL VRRF RETROFIT KITS FOR ALL FAN TERMINAL UNIT (FTU) AND VARIABLE AIR VOLUME (VAV) EQUIPMENT SHOWN ON PLANS. REFER TO EXISTING EQUIPMENT SCHEDULES ON SHEET M-601 FOR FTU AND VAV TAGS AND INLET DIAMETERS.

RENOVATION NOTES

- INSTALL RETAINED AIR DEVICE IN NEW LOCATION.
- PROVIDE AND INSTALL NEW AIR DEVICE. ROUTE BACK TO NEAREST VAV. REUSE EXISTING TAKE-OFF IF AVAILABLE. PROVIDE NEW TAKE-OFF AND PROVIDE BALANCE DAMPER (BD-1) AS REQUIRED.
- PROVIDE AND INSTALL REFRIGERANT LINE SET AND ROUTE ABOVE CEILING TO OUTDOOR UNIT AS SHOWN. DO NOT EXCEED MANUFACTURER'S MAXIMUM REFRIGERANT LINE LENGTH. COORDINATE WITH GENERAL CONTRACTOR TO PENETRATE EXTERIOR WALL.
- REFRIGERANT LINE SET ROUTED FROM UNIT LOCATED ON 2ND FLOOR. ROUTE ABOVE CEILING TO OUTDOOR UNIT AS SHOWN. COORDINATE WITH GENERAL CONTRACTOR TO PENETRATE EXTERIOR WALL.
- PROVIDE CAST IN PLACE CONCRETE PAD. SIZE PAD NO LESS THAN 6 INCHES LARGER THAN CONDENSING UNIT(S).
- ROUTE CONDENSATE DRAIN ABOVE CEILING TO EXISTING WALL AND DOWN TO JOIN WITH NEW SINK TAIL PIECE. COORDINATE WITH PLUMBING CONTRACTOR FOR FINAL LOCATION.
- ROUTE CONDENSATE DRAIN ABOVE CEILING TO EXISTING FLOOR DRAIN.
- ROUTE CONDENSATE DRAIN FROM 2ND FLOOR MINI-SPLIT TO JOIN WITH CONDENSATE DRAIN ABOVE 1ST FLOOR CEILING.

INDICATES KEYED NOTES



1 MECHANICAL RENOVATION PLAN - 1ST FLOOR - PHASE 3
SCALE: 1/8" = 1'-0"



Tracie L. Siebenek - Engineer
MO# PE-2013019114

BID DOCUMENTS

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REGIONAL STATE OFFICE
BUILDING

1390 TIMBERLAKE MANOR
PKWY
CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
ASSET #

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 11/7/2024

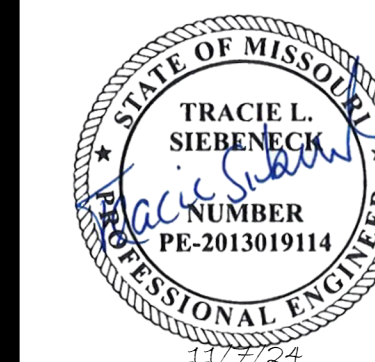
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DRAWN BY:
CHECKED BY:
DESIGNED BY:

SHEET TITLE:
MECHANICAL
RENOVATION PLAN
1ST FLOOR

SHEET NUMBER:

M-101

36 OF 50 SHEETS
11/7/2024



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

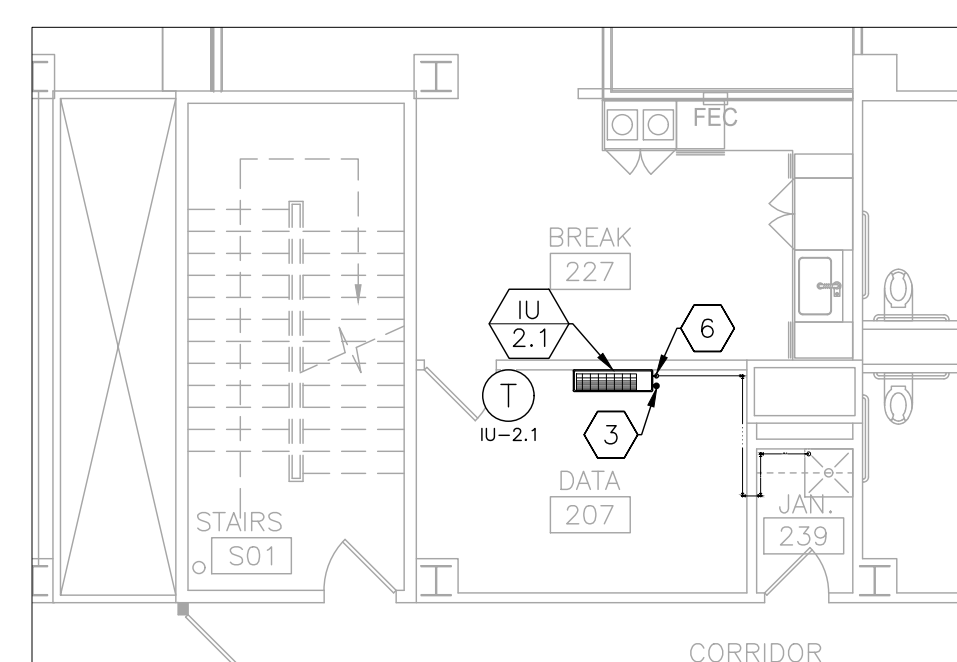
**BID
DOCUMENTS**

HVAC LEGEND	
	THERMOSTAT -EQUIPMENT LABEL
	DEVICE SCHEDULE TAG
	REFRIGERANT PIPE - NEW
	REFRIGERANT PIPE - EXISTING
	CONDENSATE DRAIN PIPE - NEW
	CONDENSATE DRAIN PIPE - EXISTING

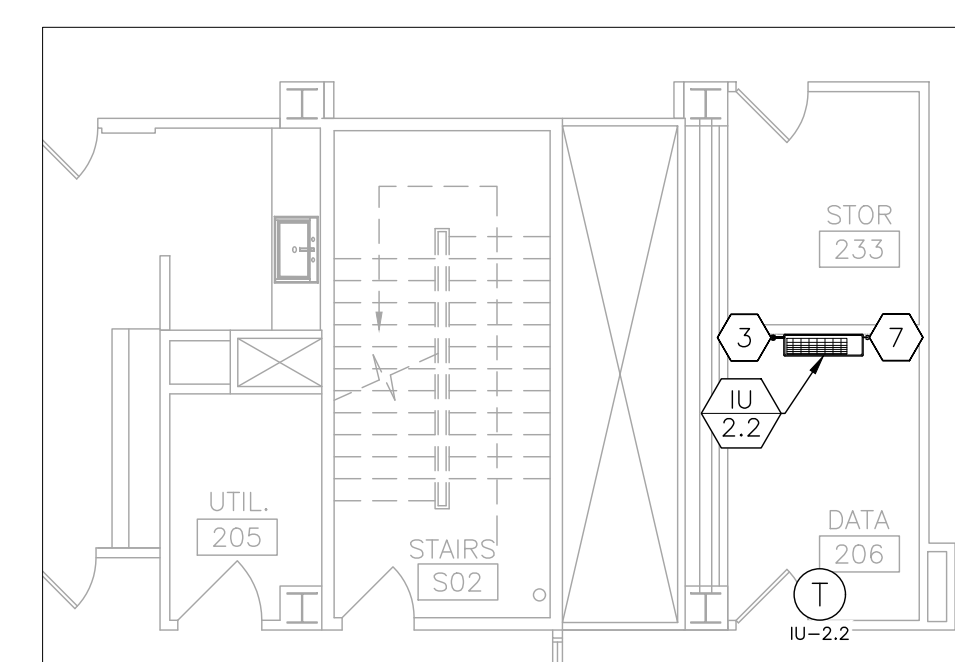
RENOVATION NOTES

INDICATES KEYED NOTES

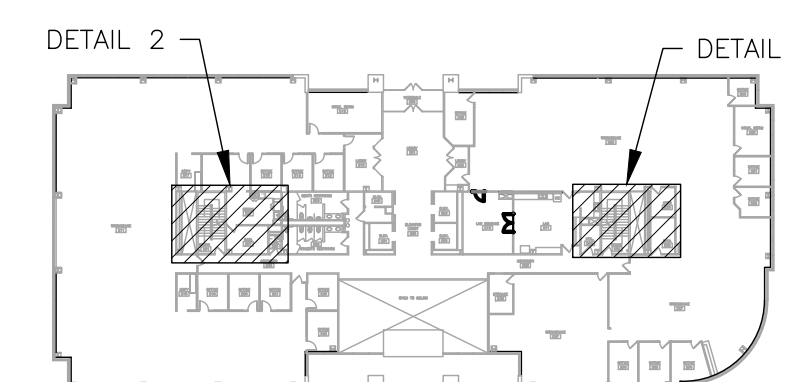
- 1 REFER TO SHEET M-101 FOR GENERAL RENOVATION NOTES.
- 2 PROVIDE AND INSTALL REFRIGERANT LINE SET AND ROUTE THROUGH 5TH FLOOR SLAB. REFER TO SHEET M-103 FOR CONTINUATION.
- 3 PROVIDE AND INSTALL REFRIGERANT LINE SET AND ROUTE THROUGH 2ND FLOOR SLAB. REFER TO SHEET M-101 FOR CONTINUATION.
- 4 EXISTING MINI-SPLIT SYSTEM AND ASSOCIATED CONDENSING UNIT TO REMAIN.
- 5 ROUTE CONDENSATE FOR BOTH THE 4TH AND 5TH FLOOR INDOOR UNITS TO NEW FLOOR DRAIN LOCATED WITHIN 4TH FLOOR DATA ROOM. COORDINATE WITH PLUMBING CONTRACTOR FOR FINAL FLOOR DRAIN LOCATION.
- 6 CONNECT CONDENSATE DRAIN TO EXISTING CONDENSATE DRAIN.
- 7 ROUTE CONDENSATE DRAIN THROUGH 2ND FLOOR SLAB TO JOIN WITH 1ST FLOOR CONDENSATE DRAIN. REFER TO SHEET M-101 FOR CONTINUATION.



2 MECHANICAL RENOVATION PLAN - 2ND FLOOR WEST - PHASE 2
SCALE: 1/8" = 1'-0"



3 MECHANICAL RENOVATION PLAN - 2ND FLOOR EAST - PHASE 2
SCALE: 1/8" = 1'-0"



4 AREA MAP - 2ND FLOOR



1 MECHANICAL RENOVATION PLAN - 4TH FLOOR SOUTH - PHASE 4
SCALE: 1/8" = 1'-0"

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CHESTERFIELD, MO 63017

PROJECT # O2521-01
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DATE: _____
ISSUE DATE: 11/7/2024

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DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
**MECHANICAL
RENOVATION PLAN
2ND AND 4TH FLOOR**

SHEET NUMBER:

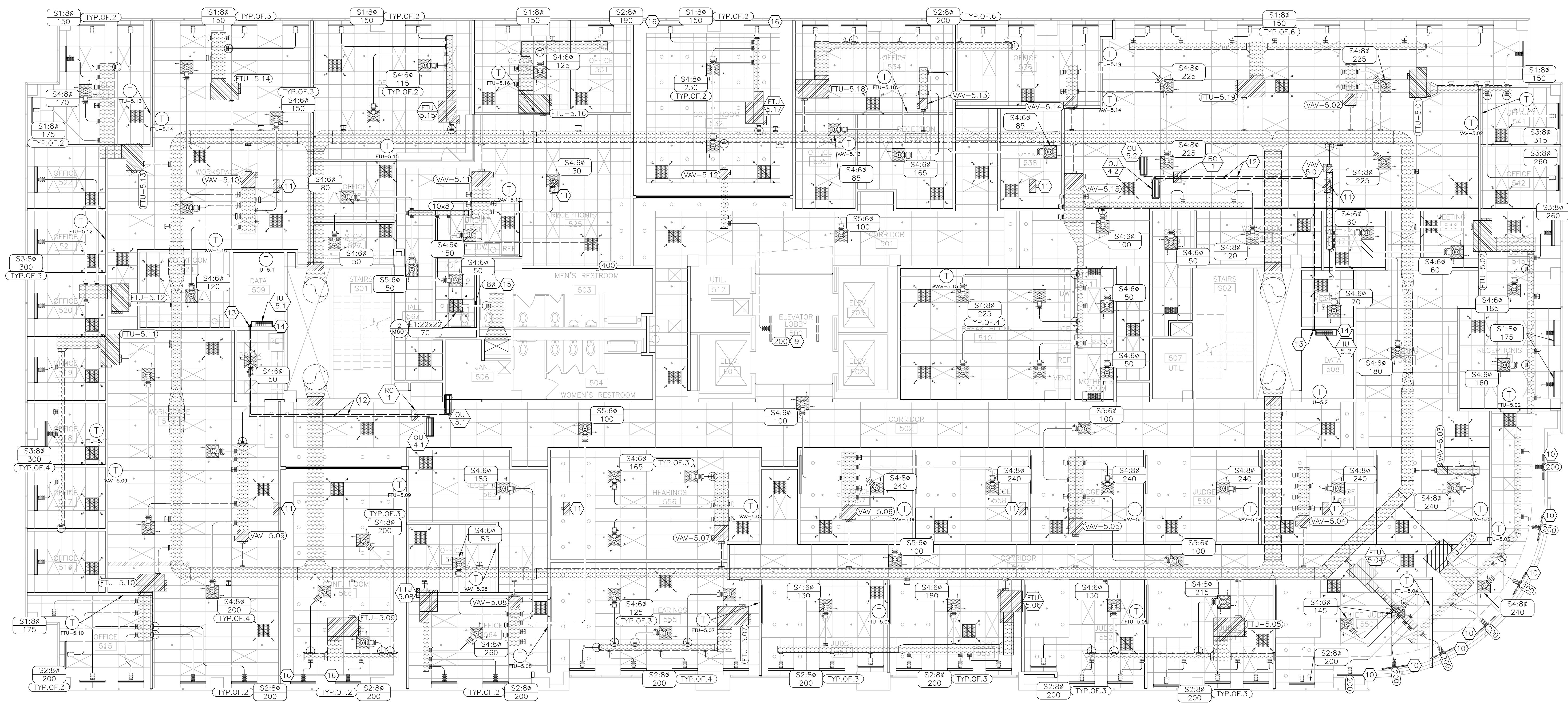
M-102

37 OF 50 SHEETS
11/7/2024

HVAC LEGEND		TYP.OF.#	TYPICAL OF # LIKE DEVICES THIS GROUP
(T) FTU-##	THERMOSTAT -EQUIPMENT LABEL		
(AA) #	DEVICE SCHEDULE TAG		
(#) ###	DETAIL REFERENCE, NUMBER/SHEET		
(VAV-##)	EXISTING EQUIPMENT LABEL		
(S1:8ø 50)	AIR DEVICE: NECK SIZE (INCHES)/CFM		
(R1:18x30)	RETURN AIR DEVICE: NECK SIZE (INCHES)		
(350)	AIR FLOW (CUBIC FEET PER MINUTE)		
(12x12)	DUCT SIZE-RECTANGULAR (INCHES X INCHES)		
(8ø)	DUCT SIZE-ROUND (INCHES DIAMETER)		
			HVAC EQUIPMENT - NEW
			HVAC EQUIPMENT - EXISTING
			SUPPLY AIR - NEW
			SUPPLY AIR - EXISTING
			RETURN AIR - NEW
			REFRIGERANT PIPE - NEW
			CONDENSATE DRAIN PIPE - NEW

- ### RENOVATION NOTES
- # INDICATES KEYED NOTES
- REFER TO M-101 FOR GENERAL RENOVATION NOTES.
 - PROVIDE AND INSTALL EQUIPMENT LABELS FOR ALL NEW AND EXISTING FTU AND VAV EQUIPMENT. TAG NUMBER SHALL MATCH TAGS ON THIS SHEET.
 - PROVIDE AND INSTALL 2 INCH x 4 INCH VERTICAL WALL BOX WITH 3/4 INCH RIGID METAL CONDUIT FOR ALL THERMOSTAT LOCATIONS AS SHOWN ON PLAN. ROUTE CONDUIT TO ABOVE SUSPENDED CEILING AND INSTALL METAL BUSHING. OWNER TO PROVIDE AND INSTALL CONTROL WIRING AND THERMOSTAT.
 - NEW VAV AND FTU INLET DUCT SHALL EQUAL VAV AND FTU INLET DUCT SIZE. INLET DUCT LENGTH SHALL BE MINIMUM 1.5 TIMES THE DUCT DIAMETER OR INSTALL PER MANUFACTURER'S INSTRUCTIONS.
 - NEW VAV AND FTU OUTLET DUCT SHALL EQUAL VAV AND FTU OUTLET DIMENSIONS. PROVIDE MINIMUM 4 FEET OUTLET DUCT LENGTH BEFORE ANY SUPPLY TAKE OFF OR TRANSITION OR INSTALL PER PER MANUFACTURER'S INSTRUCTIONS.
 - EXCEPT AS NOTED, USE EXISTING DUCT TAP AND BALANCE DAMPER FOR BRANCH DUCT TO NEW SUPPLY DIFFUSERS. TRANSITION DUCT AT BALANCE DAMPER TO MATCH DIFFUSER NECK SIZE AS NEEDED.
 - ALL RETURN GRILLS SHALL BE TYPE R1, NECK SIZE 22X22 OR R2 NECK SIZE IS 10X22 AS SHOWN ON PLANS. REFER TO AIR DEVICE SCHEDULE ON SHEET M-601.

- ### RENOVATION NOTES
- # INDICATES KEYED NOTES
- INSTALL SHEET METAL CAP ON TAKE OFF. INSULATE CAP PER GENERAL INSULATION NOTE ON SHEET M-101. REFER TO PLAN FOR NEW CAP LOCATIONS.
 - PROVIDE NEW TAP ON EXISTING DUCT. SIZE TO MATCH VAV OR FTU INLET DUCT SIZE OR DIFFUSER NECK SIZE. PROVIDE BALANCE DAMPER TYPE BD-1 AT TAKE OFF. REFER TO PLAN FOR NEW TAP LOCATIONS.
 - EXISTING DIFFUSER TO REMAIN. BALANCE TO AIRFLOW SHOWN.
 - EXISTING PLENUM HEATER TO REMAIN.
 - MINI-SPLIT CONDENSING UNIT LOCATED ON ROOF. ROUTE REFRIGERANT PIPE THROUGH CEILING SPACE TO ROOF PENETRATION. DO NOT EXCEED MANUFACTURER'S MAXIMUM REFRIGERANT LINE LENGTH. PROVIDE AND INSTALL ROOF CURB WITH PIPE CHASE. USE EXISTING ROOF PENETRATION WHERE POSSIBLE. COORDINATE WITH GENERAL CONTRACTOR FOR ROOF CURB FLASHING.
 - REFRIGERANT LINE SET ROUTED FROM UNIT LOCATED ON 4TH FLOOR.
 - ROUTE CONDENSATE DRAIN THROUGH 5TH FLOOR SLAB. REFER TO SHEET M-102 FOR CONTINUATION.
 - PROVIDE AND INSTALL NEW EXHAUST TAKE-OFF WITH BALANCE DAMPER TYPE BD-1 AND ROUTE TO EXHAUST AIR DEVICE AS SHOWN.
 - SLOT DIFFUSER INSTALLED IN DRYWALL CEILING REQUIRES FACTORY INSTALLED ALUMINUM PLASTER FRAME. COORDINATE WITH SUPPLIER TO INCLUDE FRAME MOUNTED ON DIFFUSER.



1 MECHANICAL DEMOLITION PLAN - 5TH FLOOR - PHASE 5
SCALE: 1/8" = 1'-0"



Tracie L. Siebencek - Engineer
MO# PE-2013019114

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PROJECT # O2521-01
SITE #
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DATE: _____
ISSUE DATE: 11/7/2024

CAD DWG FILE: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
**MECHANICAL
RENOVATION PLAN
5TH FLOOR**

SHEET NUMBER:

M-103

38 OF 50 SHEETS
11/7/2024



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

BID
DOCUMENTS

FAN TERMINAL UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	INLET SIZE (INCH)	ESP	MINIMUM AIRFLOW (CFM)	MAXIMUM AIRFLOW (CFM)	DESCRIPTION	ELECTRIC HEATER VOLTAGE CAPACITY (KW)	VOLTAGE/PHASE FAN FLA	WEIGHT (LBS)	NOTES
FTU-5.04	TRANE	VSEG-10	10	0.5	165	1400	SERIES FAN POWERED UNIT W/ ELECTRIC REHEAT	480V/3Ø 8	277V/1Ø 7.5	145	1,2,3
FTU-5.06	TRANE	VSEG-12	12	0.5	240	2000	SERIES FAN POWERED UNIT W/ ELECTRIC REHEAT	480V/3Ø 12	277V/1Ø 8.1	195	1,2,3
FTU-5.08	TRANE	VSEG-10	10	0.5	165	1400	SERIES FAN POWERED UNIT W/ ELECTRIC REHEAT	480V/3Ø 6	277V/1Ø 7.5	145	1,2,3
FTU-5.15	TRANE	VSEG-08	8	0.5	105	900	SERIES FAN POWERED UNIT W/ ELECTRIC REHEAT	480V/3Ø 8	277V/1Ø 4.7	145	1,2,3
FTU-5.17	TRANE	VSEG-08	8	0.5	105	900	SERIES FAN POWERED UNIT W/ ELECTRIC REHEAT	480V/3Ø 9	277V/1Ø 4.7	145	1,2,3

NOTES

- PROVIDE FACTORY INSTALLED FOIL-FACED FIBERGLASS INSULATION
- PROVIDE FACTORY INSTALLED DISCONNECT, EC MOTOR, SCR ELECTRIC HEATER AND INTEGRAL RETURN ATTENUATOR
- DDC CONTROLS PROVIDED BY OTHERS

VARIABLE AIR VOLUME SCHEDULE

MARK	MANUFACTURER	MODEL	INLET SIZE (INCH)	ESP	MINIMUM AIRFLOW (CFM)	MAXIMUM AIRFLOW (CFM)	DESCRIPTION	WEIGHT (LBS)	NOTES
VAV-5.01	TRANE	VCCF-08	8	0.5	105	900	SINGLE DUCT VAV COOLING ONLY	22	1

NOTES

- PROVIDE FACTORY INSTALLED FOIL-FACED FIBERGLASS INSULATION

AIR DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL	FACE SIZE (INCHxINCH)	TYPE	SPECIFICATION	NOTES
S1	PRICE	TBD3100	48	SUPPLY SLOT DIFFUSER ICE TONG PATTERN	MATERIAL: EXTRUDED ALUMINUM W/ INSULATED STEEL PLENUM; FINISH: WHITE; SLOT: ONE 1" SLOT	1
S2	PRICE	TBD3100	48	SUPPLY SLOT DIFFUSER ICE TONG PATTERN	MATERIAL: EXTRUDED ALUMINUM W/ INSULATED STEEL PLENUM; FINISH: WHITE; SLOT: TWO 1" SLOTS	1
S3	PRICE	TBD3100	48	SUPPLY SLOT DIFFUSER ICE TONG PATTERN	MATERIAL: EXTRUDED ALUMINUM W/ INSULATED STEEL PLENUM; FINISH: WHITE; SLOT: THREE 1" SLOTS	1
S4	PRICE	SPD	24x24	LAY-IN MOUNT PLAQUE	MATERIAL: STEEL; FINISH: WHITE	
S5	PRICE	SPD	24x24	LAY-IN MOUNT PLAQUE	MATERIAL: STEEL; FINISH: WHITE	2
R1	PRICE	PDDR	24x24	RETURN LAY-IN MOUNT PERFORATED	MATERIAL: STEEL; FINISH: WHITE	3
R2	PRICE	PDDR	24x12	RETURN LAY-IN MOUNT PERFORATED	MATERIAL: STEEL; FINISH: WHITE	3
E1	PRICE	PDDR	24x24	EXHAUST LAY-IN MOUNT PERFORATED	MATERIAL: STEEL; FINISH: WHITE	
BD-1	POTTORFF	CD-21R	MATCH DUCT	BALANCE DAMPER SINGLE BLADE ROUND	FRAME: 2"x16 GAUGE GALVANIZED STEEL; BLADES: 14 GAUGE GALVANIZED STEEL ROUND; AXLES: 1/2" DIAMETER PLATED STEEL; LINKAGE: CONCEALED IN FRAME; BEARINGS: SYNTHETIC; CONTROL SHAFT: 1/2"x3" DRIVE AXLE	4

NOTES

- PROVIDE FACTORY INSTALLED EXTERNAL INSULATION; OUTER T-BARS, CENTER NOTCH; REFER TO PLANS DRYWALL CEILING FRAME REQUIREMENT
- PROVIDE SECTORIZING BAFFLES TO DIRECT AIRFLOW AS SHOWN ON DRAWINGS
- PROVIDE GALVANIZED STEEL RETURN AIR CANOPY
- PROVIDE ACTUATOR STANDOFF BRACKET FOR 1.5 INCH INSULATION

EXISTING FAN TERMINAL UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	INLET SIZE (INCH)	MINIMUM AIRFLOW (CFM)	MAXIMUM AIRFLOW (CFM)	NOTES
FTU-1.01	TRANE	VSEE	8	110	1210	1,2
FTU-1.02	TRANE	VSEE	10	170	1870	1,2
FTU-1.03	TRANE	VSEE	8	110	1210	1,2
FTU-1.08	TRANE	VSEE	10	170	1870	1,2
FTU-5.01	TRANE	VSEE	10	170	1870	1,2
FTU-5.02	TRANE	VSEE	12	240	2640	1,2
FTU-5.03	TRANE	VSEE	10	170	1870	1,2
FTU-5.05	TRANE	VSEE	12	240	2640	1,2
FTU-5.07	TRANE	VSEE	12	240	2640	1,2
FTU-5.09	TRANE	VSEE	12	240	2640	1,2
FTU-5.10	TRANE	VSEE	10	170	1870	1,2
FTU-5.11	TRANE	VSEE	14	320	3520	1,2
FTU-5.12	TRANE	VSEE	8	110	1210	1,2
FTU-5.13	TRANE	VSEE	10	170	1870	1,2
FTU-5.14	TRANE	VSEE	8	110	1210	1,2
FTU-5.16	TRANE	VSEE	12	240	2640	1,2
FTU-5.18	TRANE	VSEE	12	240	2640	1,2
FTU-5.19	TRANE	VSEE	10	170	1870	1,2

NOTES

- ALL VALUES ARE BASED OFF OF FIELD TAKE-OFF AND ORIGINAL PLANS. CONTRACTOR SHALL FIELD VERIFY PRIOR BEGINNING CONSTRUCTION. INFORM ENGINEER OF ANY DEVIATIONS FROM ASSUMED VALUES
- PROVIDE RETROFIT KIT PER GENERAL NOTE ON SHEET M-101

EXISTING VARIABLE AIR VOLUME SCHEDULE

MARK	MANUFACTURER	MODEL	INLET SIZE (INCH)	MINIMUM AIRFLOW (CFM)	MAXIMUM AIRFLOW (CFM)	NOTES
VAV-1.08	TRANE	VCCE	10	170	1870	1,2
VAV-1.09	TRANE	VCCE	8	110	1210	1,2
VAV-1.10	TRANE	VCCE	10	170	1870	1,2
VAV-1.18	TRANE	VCCE	10	170	1870	1,2
VAV-1.19	TRANE	VCCE	14	320	3520	1,2
VAV-5.02	TRANE	VCCE	10	170	1870	1,2
VAV-5.03	TRANE	VCCE	8	110	1210	1,2
VAV-5.04	TRANE	VCCE	10	170	1870	1,2
VAV-5.05	TRANE	VCCE	12	240	2640	1,2
VAV-5.06	TRANE	VCCE	12	240	2640	1,2
VAV-5.07	TRANE	VCCE	12	240	2640	1,2
VAV-5.08	TRANE	VCCE	10	170	1870	1,2
VAV-5.09	TRANE	VCCE	10	170	1870	1,2
VAV-5.10	TRANE	VCCE	12	240	2640	1,2
VAV-5.11	TRANE	VCCE	14	320	3520	1,2
VAV-5.12	TRANE	VCCE	8	110	1210	1,2
VAV-5.13	TRANE	VCCE	8	110	1210	1,2
VAV-5.14	TRANE	VCCE	10	170	1870	1,2
VAV-5.15	TRANE	VCCE	14	320	3520	1,2

NOTES

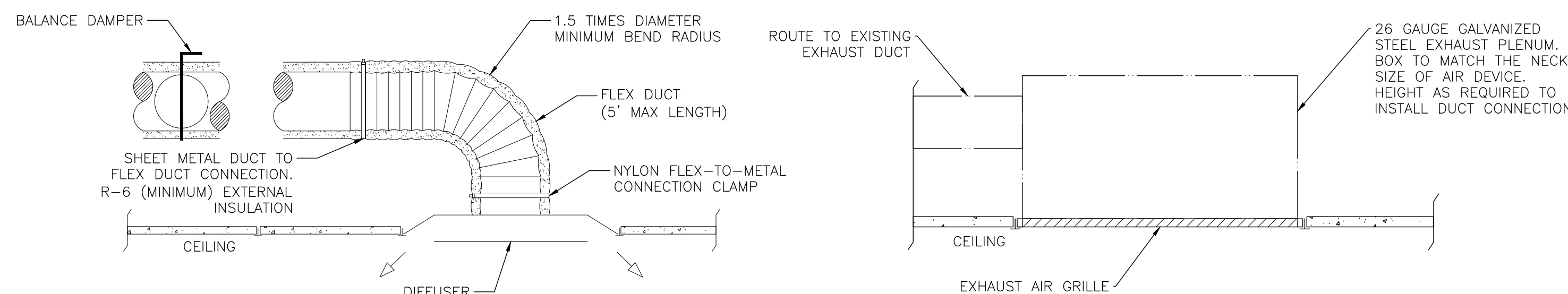
- ALL VALUES ARE BASED OFF OF FIELD TAKE-OFF AND ORIGINAL PLANS. CONTRACTOR SHALL FIELD VERIFY PRIOR BEGINNING CONSTRUCTION. INFORM ENGINEER OF ANY DEVIATIONS FROM ASSUMED VALUES
- PROVIDE RETROFIT KIT PER GENERAL NOTE ON SHEET M-101

ROOF CURB SCHEDULE

MARK	MANUFACTURER	MODEL	LxWxH (INCHES)	DESCRIPTION	SPECIFICATION	NOTES
RC-1	ALTA PRODUCTS	AL-201412	20.5x14.5x12	PIPE CHASE HOUSING	HOUSING: 0.080" THICK ALUMINIUM; CURB 0.080" THICK ALUMINIUM; FINISH: BEIGE UV PROTECTED POWDER COATED (2 MIL THICK); FULL THERMAL BREAK; EXIT SEALS: SIZED TO MATCH PIPE/CONDUIT DIAMETER	1,2,3

NOTES

- PROVIDE CURB MODEL AL-1014C
- PROVIDE SIGRIST EXIT SEALS SIZED TO MATCH REFRIGERANT LINE SET
- PROVIDE SIGRIST EXIT SEALS SIZED TO MATCH CONDUIT, COORDINATE WITH ELECTRICAL CONTRACTOR FOR CONDUIT SIZE



1 BRANCH DUCT WITH DIFFUSER
NO SCALE

2 TYPICAL EXHAUST GRILLE
NO SCALE

MINI SPLIT SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	AIRFLOW (CFM) EFFICIENCY	CAPACITY (MBH)	ELECTRICAL REQUIREMENTS	REFRIGERANT LINE SIZE	SOUND PRESSURE LEVEL (Dba) WEIGHT (LBS)	NOTES
IU-1.1	DAIKIN	FTKF18AXVJU	INDOOR UNIT	395-754 21.0 SEER2 12 EER2	COOLING TOTAL: 18.1 SENSIBLE: 14.12	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	1/2" GAS LINE 1/4" LIQUID LINE	49 30.5	1,2,3
IU-1.2	DAIKIN	FTKF18AXVJU	INDOOR UNIT	395-754 21.0 SEER2 12 EER2	COOLING TOTAL: 18.1 SENSIBLE: 14.12	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	1/2" GAS LINE 1/4" LIQUID LINE	49 30.5	1,2,3
IU-2.1	DAIKIN	FTKF18AXVJU	INDOOR UNIT	395-754 21.0 SEER2 12 EER2	COOLING TOTAL: 18.1 SENSIBLE: 14.12	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	1/2" GAS LINE 1/4" LIQUID LINE	49 30.5	1,3
IU-2.2	DAIKIN	FTKF18AXVJU	INDOOR UNIT	395-754 21.0 SEER2 12 EER2	COOLING TOTAL: 18.1 SENSIBLE: 14.12	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	1/2" GAS LINE 1/4" LIQUID LINE	49 30.5	1,3
IU-4.1	DAIKIN	FTKF18AXVJU	INDOOR UNIT	395-754 21.0 SEER2 12 EER2	COOLING TOTAL: 18.1 SENSIBLE: 14.12	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	1/2" GAS LINE 1/4" LIQUID LINE	49 30.5	1,3
IU-4.2	DAIKIN	FTKF18AXVJU	INDOOR UNIT	395-754 21.0 SEER2 12 EER2	COOLING TOTAL: 18.1 SENSIBLE: 14.12	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	1/2" GAS LINE 1/4" LIQUID LINE	49 30.5	1,3
IU-5.1	DAIKIN	FTKF18AXVJU	INDOOR UNIT	395-754 21.0 SEER2 12 EER2	COOLING TOTAL: 18.1 SENSIBLE: 14.12	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	1/2" GAS LINE 1/4" LIQUID LINE	49 30.5	1,3
IU-5.2	DAIKIN	FTKF18AXVJU	INDOOR UNIT	395-754 21.0 SEER2 12 EER2	COOLING TOTAL: 18.1 SENSIBLE: 14.12	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	1/2" GAS LINE 1/4" LIQUID LINE	49 30.5	1,3
OU-1.1	DAIKIN	RKF18AXVJU	OUTDOOR UNIT	COOLING ONLY	COOLING ONLY	208/60/1 14.23 MCA; 20 MOP	1/2" GAS LINE 1/4" LIQUID LINE	54 101	1,4
OU-1.2	DAIKIN	RKF18AXVJU	OUTDOOR UNIT	COOLING ONLY	COOLING ONLY	208/60/1 14.23 MCA; 20 MOP	1/2" GAS LINE 1/4" LIQUID LINE	54 101	1,4
OU-2.1	DAIKIN	RKF18AXVJU	OUTDOOR UNIT	COOLING ONLY	COOLING ONLY	208/60/1 14.23 MCA; 20 MOP	1/2" GAS LINE 1/4" LIQUID LINE	54 101	1,4
OU-2.2	DAIKIN	RKF18AXVJU	OUTDOOR UNIT	COOLING ONLY	COOLING ONLY	208/60/1 14.23 MCA; 20 MOP	1/2" GAS LINE 1/4" LIQUID LINE	54 101	1,4
OU-4.1	DAIKIN	RKF18AXVJU	OUTDOOR UNIT	COOLING ONLY	COOLING ONLY	208/60/1 14.23 MCA; 20 MOP	1/2" GAS LINE 1/4" LIQUID LINE	54 101	1,4
OU-4.2	DAIKIN	RKF18AXVJU	OUTDOOR UNIT	COOLING ONLY	COOLING ONLY	208/60/1 14.23 MCA; 20 MOP	1/2" GAS LINE 1/4" LIQUID LINE	54 101	1,4
OU-5.1	DAIKIN	RKF18AXVJU	OUTDOOR UNIT	COOLING ONLY	COOLING ONLY	208/60/1 14.23 MCA; 20 MOP	1/2" GAS LINE 1/4" LIQUID LINE	54 101	1,4
OU-5.2	DAIKIN	RKF18AXVJU	OUTDOOR UNIT	COOLING ONLY	COOLING ONLY	208/60/1 14.23 MCA; 20 MOP	1/2" GAS LINE 1/4" LIQUID LINE	54 101	1,4

NOTES

- DESIGN TEMPERATURES: SUMMER: 95 Db°F/ 75 Wb°F; WINTER: 0 Db°F
- PROVIDE DACA-CP1-1 MINI AQUA CONDENSATE PUMP
- PROVIDE BRC51D61 WIRED REMOTE CONTROLLER
- PROVIDE LOW AMBIENT WIND BAFFLE/AIR ADJUSTMENT GRILLE

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INTERIOR REMODEL
ST. LOUIS COUNTY
REGIONAL STATE OFFICE
BUILDING

1390 TIMBERLAKE MANOR
PKWY
CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
ASSET #

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DATE:
REVISION:
DATE:
REVISION:
DATE:

ISSUE DATE: 11/7/2024

CAD DWG FILE:
DRAWN BY:
CHECKED BY:
DESIGNED BY:

SHEET TITLE:
MECHANICAL
SCHEDULES
AND DETAILS

SHEET NUMBER:

M-601

39 OF 50 SHEETS
11/7/2024

GENERAL DEMOLITION NOTES

- DEMOLITION DRAWINGS ARE FROM FIELD TAKE-OFF AND ORIGINAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING PRIOR TO BIDDING AND/OR CONSTRUCTION.
- COVER ALL OPENINGS INTO THE BUILDING FROM THE WORK AREA. ENSURE DEBRIS IS REMOVED FROM THE CONSTRUCTION AND DEMOLITION AREA AND AIR BORN DEBRIS IS NOT ALLOWED TO TRAVEL TO THE REMAINDER OF THE BUILDING. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ANY SURFACE IN THE AREA OF CONSTRUCTION THAT IS A RESULT OF CONSTRUCTION ACTIVITY. SURFACE SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING CONDITIONS.
- CONTRACTOR MAY REUSE CONDUIT AND CONDUCTORS INSTALLED PER THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC). CONTRACTOR SHALL DISPOSE OF ANY UNUSED CONDUIT AND CONDUCTORS.
- PRIOR TO CORE DRILLING FOR ANY FLOOR PENETRATION, COORDINATE WITH GENERAL CONTRACTOR TO SCAN SLAB FOR REINFORCING BARS. SEE NOTE ON SHEET G-002 FOR ADDITIONAL INFORMATION.
- FOR ALL DEMOLISHED WALL MOUNTED ELECTRICAL DEVICES, COORDINATE WITH GENERAL CONTRACTOR TO REPAIR AND FINISH WALL TO MATCH EXISTING CONDITIONS.

DEMOLITION NOTES

INDICATES KEYED NOTES

- REMOVE AND RETAIN LIGHT FIXTURE. DEMOLISH ASSOCIATED CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX FOR USE IN NEW CONSTRUCTION.
- DEMOLISH EMERGENCY EXIT SIGN. ASSOCIATED CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION.
- DEMOLISH WALL MOUNTED FIRE HORN STROBE. DEMOLISH ASSOCIATED CONDUCTORS TO ABOVE CEILING FOR USE IN NEW CONSTRUCTION.
- DEMOLISH WALL SWITCH AND WALL BOX. DEMOLISH CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX.
- REMOVE SYSTEMS FURNITURE POWER WHIP AND RETURN TO OWNER. DEMOLISH JUNCTION BOX AND COVER PLATE. DEMOLISH CONDUCTORS TO NEAREST JUNCTION BOX LOCATED ABOVE CEILING FOR USE IN NEW CONSTRUCTION. ABANDON CONDUIT LOCATED IN WALL. DEMOLISH UNUSED CONDUIT ABOVE CEILING.
- DEMOLISH JUNCTION BOX AND COVER PLATE. DEMOLISH ANY ASSOCIATED DATA WIRE TO ABOVE CEILING.



Tracie L. Siebeneck - Engineer
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1390 TIMBERLAKE MANOR
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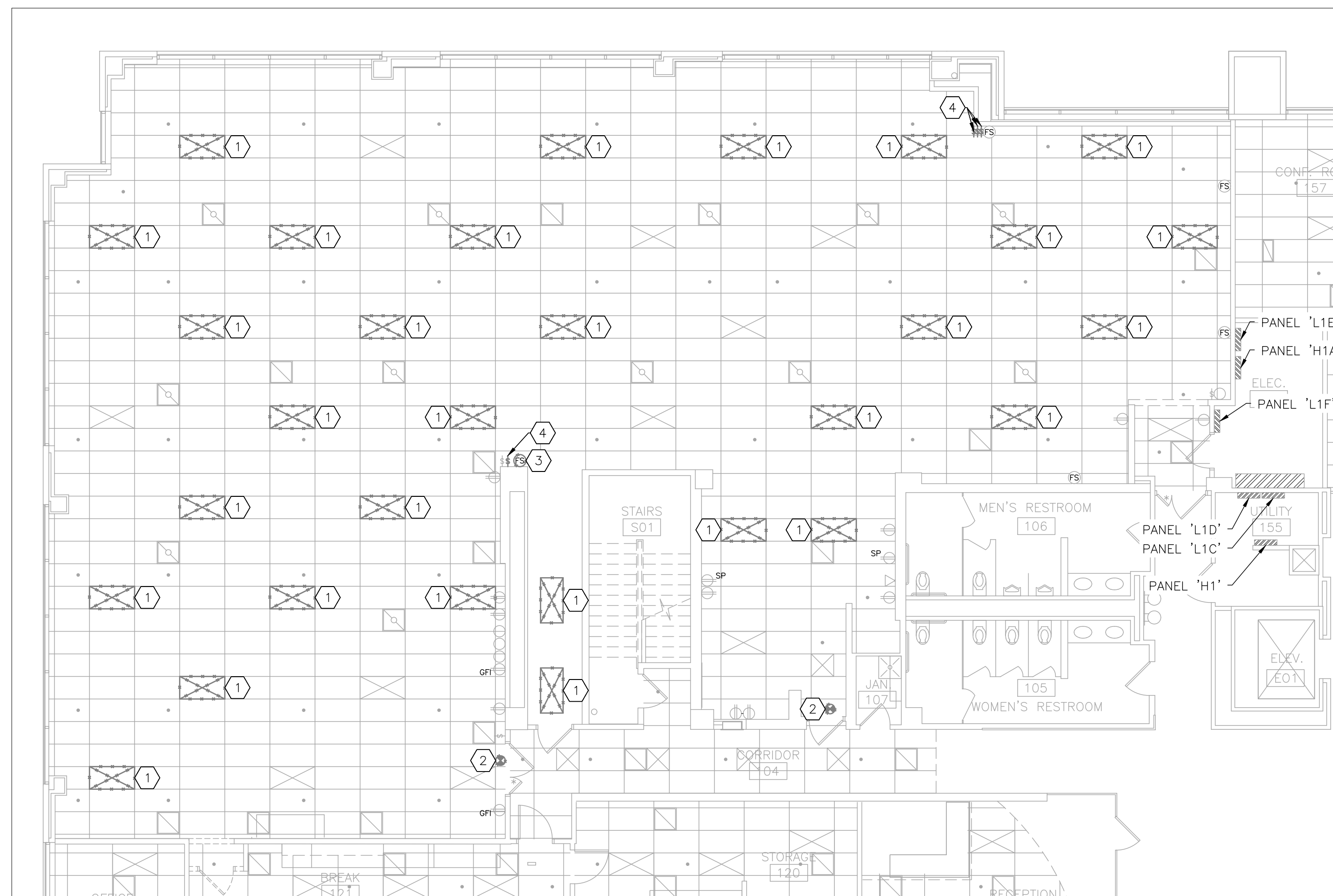
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CHECKED BY:
DESIGNED BY:

SHEET TITLE:
ELECTRICAL
DEMOLITION PLAN
1ST FLOOR

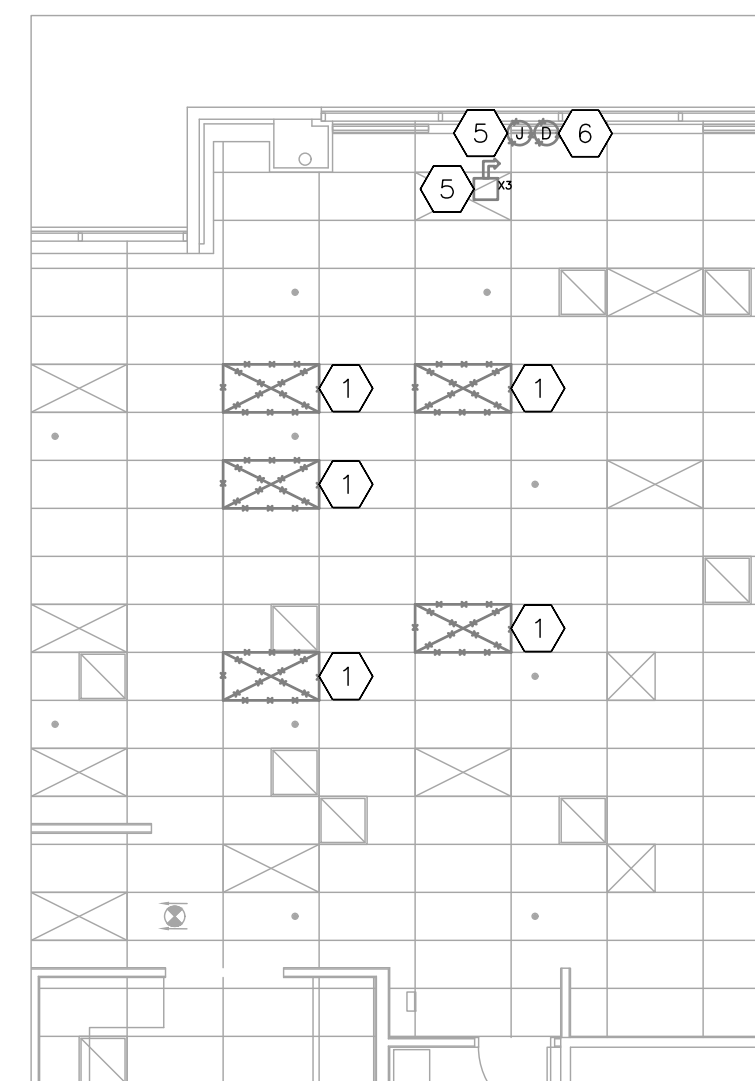
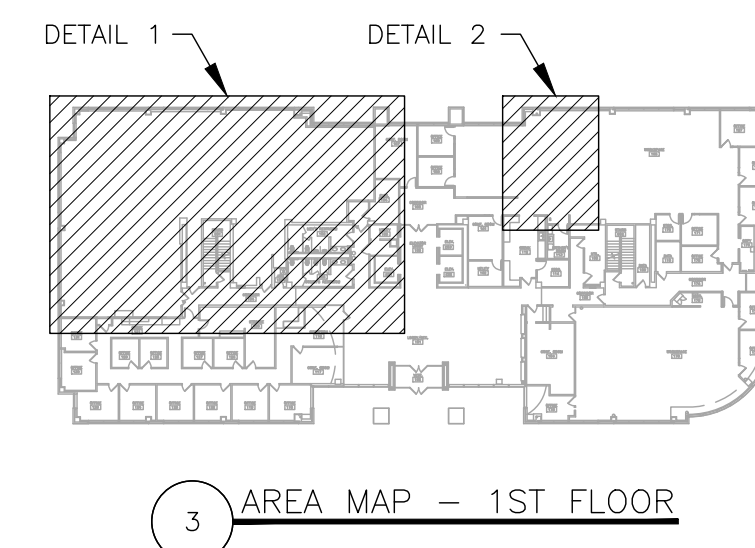
SHEET NUMBER:

ED-101

40 OF 50 SHEETS
11/7/2024



1 ELECTRICAL DEMOLITION PLAN - 1ST FLOOR NORTHWEST - PHASE 3
SCALE: 1/8" = 1'-0"



2 ELECTRICAL DEMOLITION PLAN - 1ST FLOOR NORTHEAST - PHASE 3
SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND	
	DIRECTIONAL EXIT SIGN
	NON-DIRECTIONAL EXIT SIGN
	FIRE STROBE - WALL MOUNTED - EXISTING
	JUNCTION BOX
	SYSTEMS FURNITURE POWER WHIP - EXISTING - QUANTITY OF CIRCUITS
	RECEPTACLE - TYPE: DUPLEX - SURGE PROTECTOR
	RECEPTACLE - TYPE: DUPLEX - GROUND FAULT INTERRUPTING
	RECEPTACLE - TYPE: DUPLEX
	RECEPTACLE - TYPE: SINGLE
	DATA ACCESS POINT
	BLANK COVER PLATE
	WALL SWITCH
	ELECTRICAL EQUIPMENT - EXISTING
	EXISTING MATERIALS TO BE REMOVED

DEMOLITION NOTES

INDICATES KEYED NOTES

- 1 REFER TO ED-101 FOR GENERAL DEMOLITION NOTES.
- 2 REROUTE ANY CONDUIT AND CONDUCTORS ROUTED THROUGH WALL SECTIONS TO BE DEMOLISHED.
- 3 REMOVE AND RETAIN WALL MOUNTED EMERGENCY LIGHT FOR USE IN NEW CONSTRUCTION. DEMOLISH CONDUIT AND CONDUCTORS TO ABOVE CEILING FOR USE IN NEW CONSTRUCTION.
- 4 DEMOLISH RECEPTACLE AND WALL BOX. DEMOLISH ASSOCIATED CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX ABOVE CEILING.
- 5 DEMOLISH DATA ACCESS POINT AND WALL BOX. DEMOLISH ASSOCIATED CONDUIT TO ABOVE CEILING. DEMOLISH DATA WIRE TO ABOVE CEILING.
- 6 DEMOLISH RECEPTACLE, WALL BOX, CONDUIT AND CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 7 DEMOLISH BLANK COVER PLATE, WALL BOX AND CONDUIT.
- 8 DISCONNECT CONDUCTORS FROM ROOM CIRCUIT. RECEPTACLE, WALL BOX, CONDUIT AND CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 9 DEMOLISH WALL MOUNTED OCCUPANCY SENSOR AND WALL BOX. DEMOLISH ASSOCIATED CONDUIT AND CONDUCTORS TO ABOVE CEILING.
- 10 DEMOLISH WALL MOUNTED AUDIO CONTROLLER, WALL BOX AND ASSOCIATED CONTROLS WIRING.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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PROJECT # O2521-01
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ASSET #

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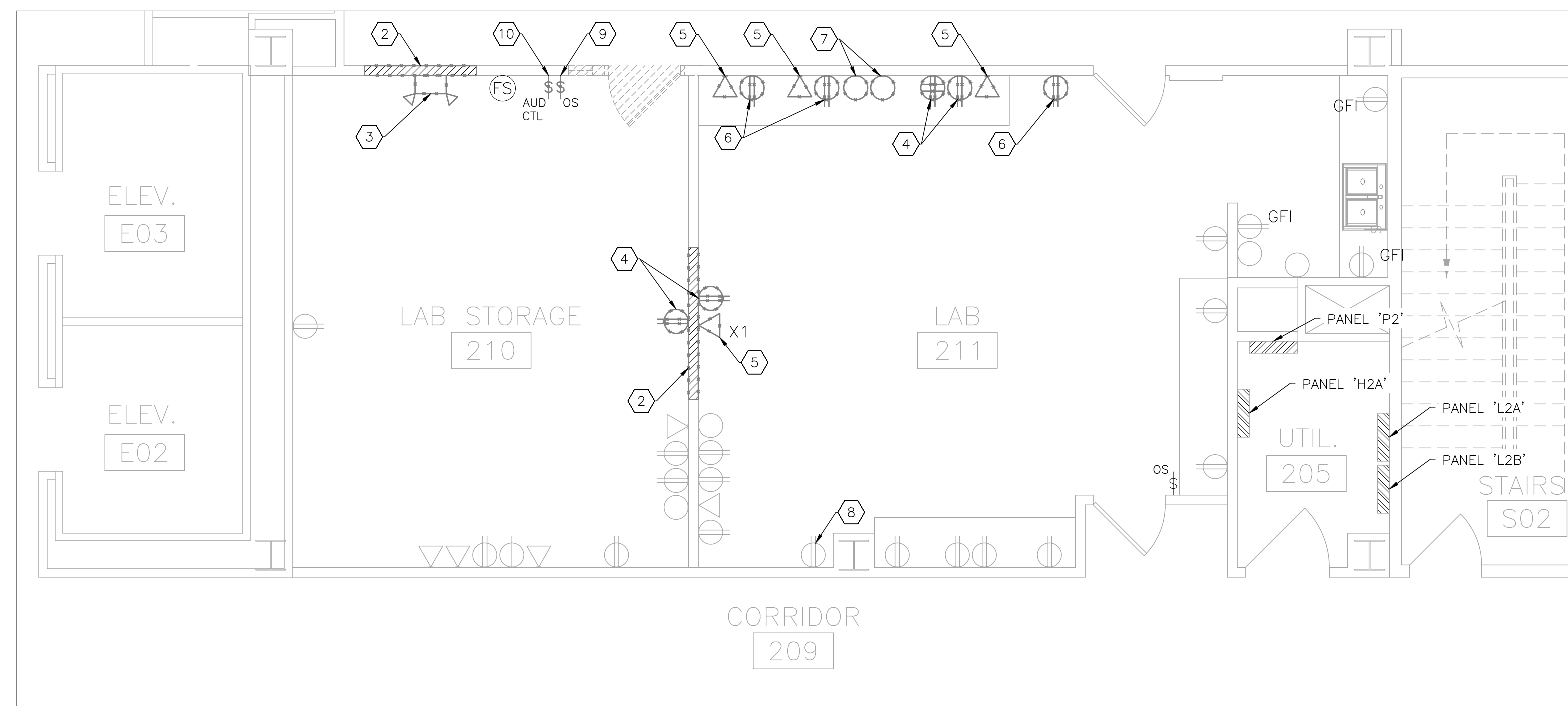
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DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

SHEET TITLE:
ELECTRICAL
DEMOLITION PLAN
2ND FLOOR

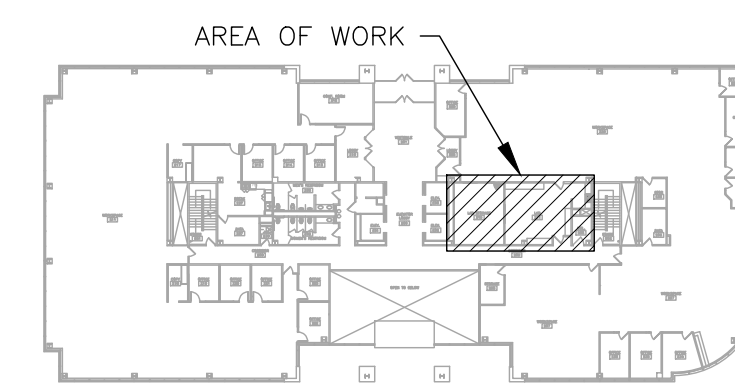
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ED-102

41 OF 50 SHEETS
11/7/2024



1 ELECTRICAL DEMOLITION PLAN - 2ND FLOOR LAB - PHASE 2
SCALE: 1/4" = 1'-0"



2 AREA MAP - 2ND FLOOR

ELECTRICAL LEGEND	
FS	FIRE STROBE - WALL MOUNTED - EXISTING
⊕	RECEPTACLE -TYPE: QUAD
⊕ GFI	RECEPTACLE -TYPE: DUPLEX -GROUND FAULT INTERRUPTING
⊕	RECEPTACLE -TYPE: DUPLEX
▷	DATA ACCESS POINT
○	BLANK COVER PLATE
⌘	WALL SWITCH
⌘ OS	OCCUPANCY SENSOR - WALL MOUNTED - EXISTING
⌘ AUD	AUDIO CONTROLLER - WALL MOUNTED - EXISTING
—	ELECTRICAL EQUIPMENT - EXISTING
- - -	EXISTING MATERIALS TO BE REMOVED

DEMOLITION NOTES

INDICATES KEYED NOTES

- 1 REFER TO SHEET ED-101 FOR GENERAL DEMOLITION NOTES.
- 2 COORDINATE WITH MECHANICAL CONTRACTOR TO REMOVE AND RETAIN THERMOSTAT FOR USE IN NEW CONSTRUCTION.
- 3 REMOVE AND RETAIN LIGHT FIXTURE. DEMOLISH ASSOCIATED CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX FOR USE IN NEW CONSTRUCTION.
- 4 JUNCTION BOX WITH SYSTEMS FURNITURE POWER WHIP TO REMAIN.
- 5 REMOVE AND RETAIN SYSTEMS FURNITURE POWER WHIP. DEMOLISH ASSOCIATED CONDUCTORS TO NEAREST JUNCTION BOX LOCATED ABOVE CEILING FOR USE IN NEW CONSTRUCTION.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



Tracie L. Siebeneck - Engineer
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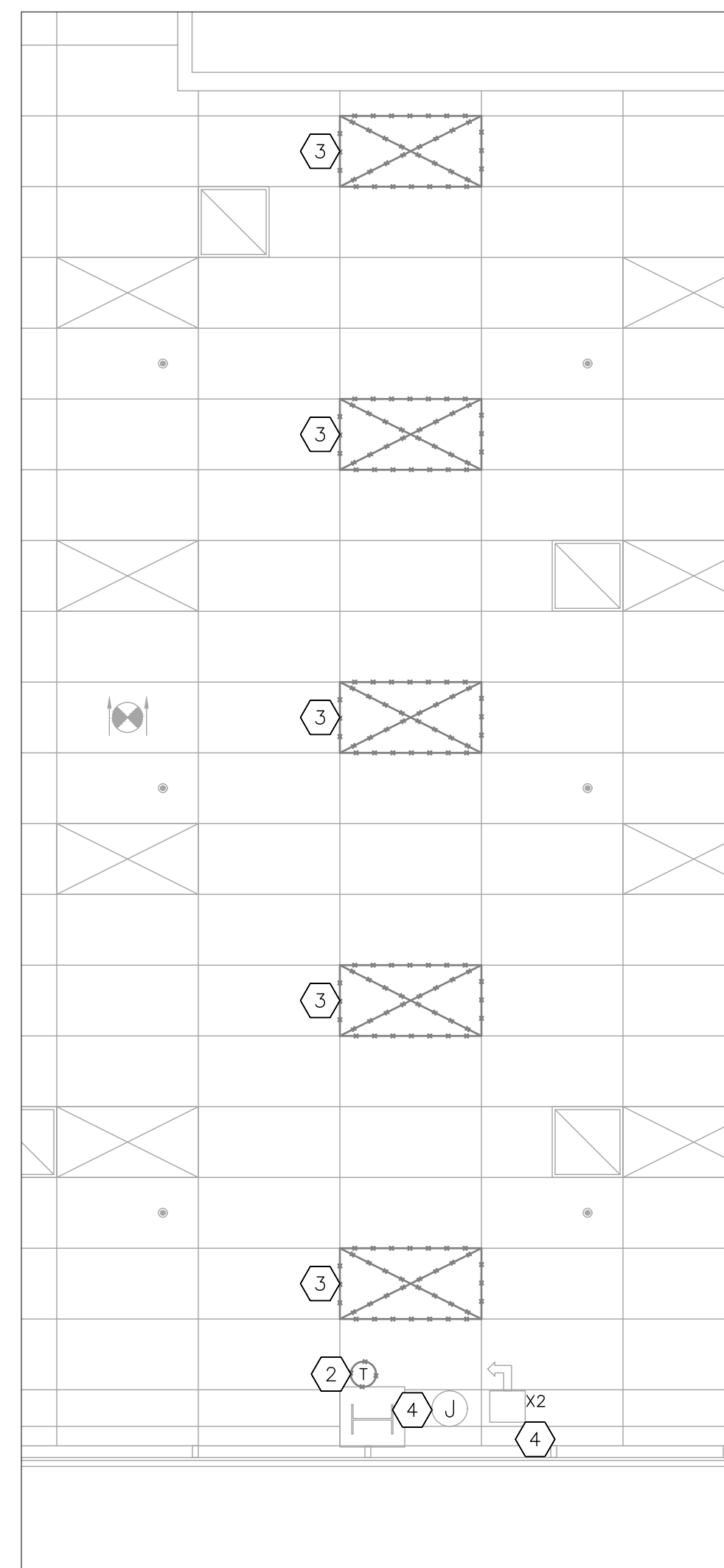
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SHEET TITLE:
**ELECTRICAL
DEMOLITION PLAN
4TH FLOOR**

SHEET NUMBER:

ED-103

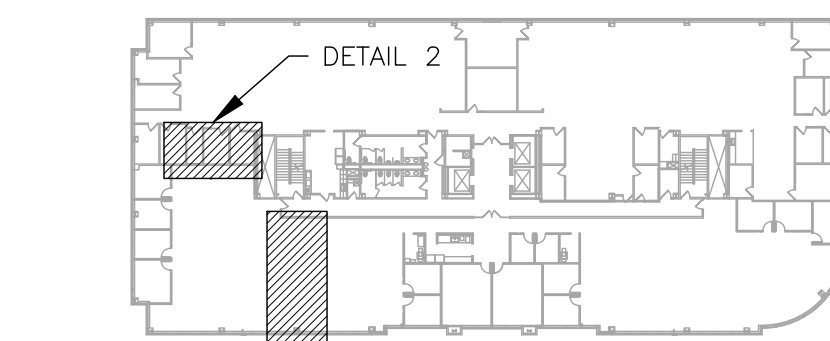
42 OF 50 SHEETS
11/7/2024



1 ELECTRICAL DEMOLITION PLAN -- 4TH FLOOR SOUTHWEST -- PHASE 4
SCALE: 1/4" = 1'-0"



2 ELECTRICAL DEMOLITION PLAN -- 4TH FLOOR WEST -- PHASE 4
SCALE: 3/16" = 1'-0"



3 AREA MAP -- 4TH FLOOR

ELECTRICAL LEGEND	
	DIRECTIONAL EXIT SIGN
	THERMOSTAT
	JUNCTION BOX
	JUNCTION BOX FOR DATA WIRE
	SYSTEMS FURNITURE POWER WHIP -EXISTING -QUANTITY OF CIRCUITS
	EXISTING MATERIALS TO BE REMOVED



Tracie L. Siebeneck - Engineer
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SHEET TITLE:
**ELECTRICAL
DEMOLITION PLAN
5TH FLOOR**

SHEET NUMBER:

ED-104

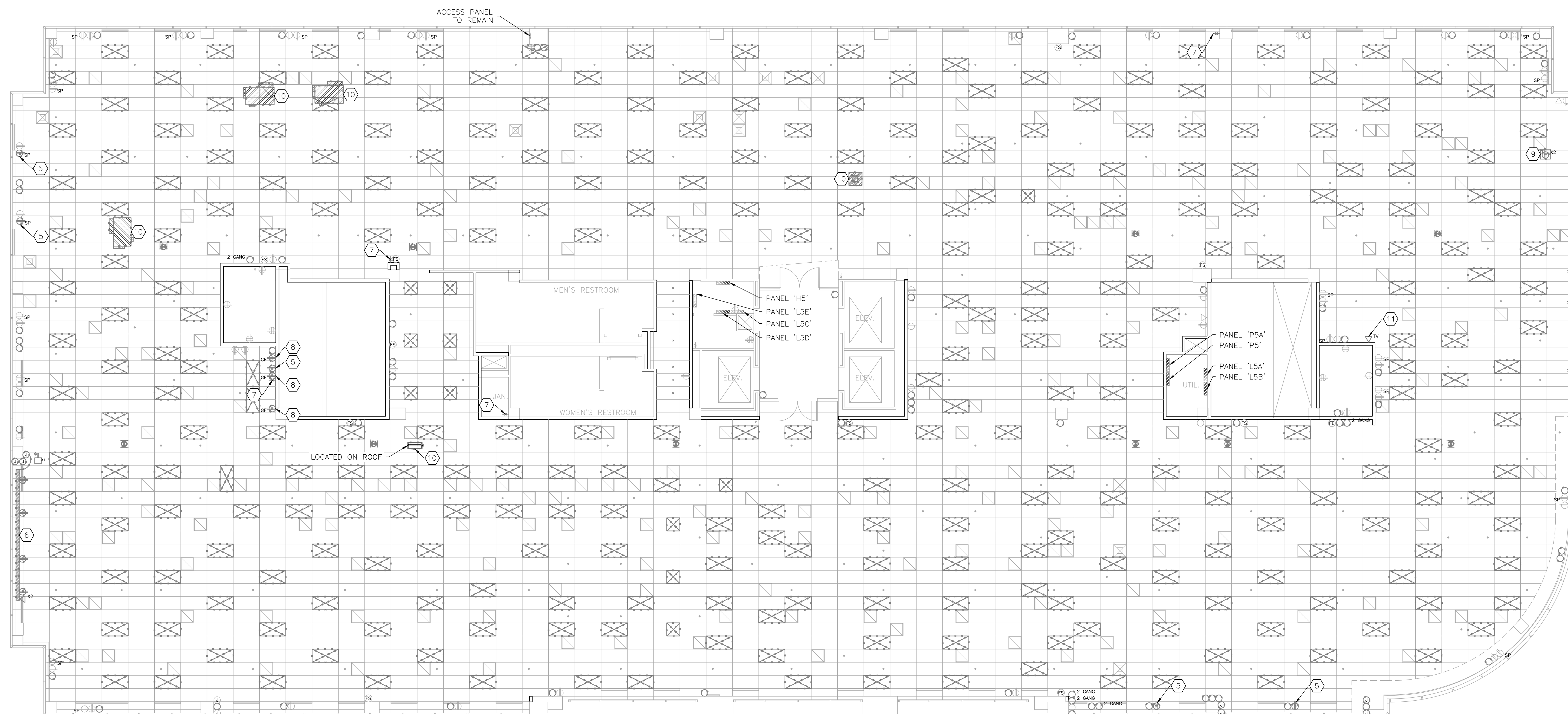
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ELECTRICAL LEGEND			
	DIRECTIONAL EXIT SIGN		RECEPTACLE -TYPE: DUPLEX -GROUND FAULT INTERRUPTING
	FIRE STROBE - WALL MOUNTED - EXISTING		RECEPTACLE -TYPE: DUPLEX
	JUNCTION BOX		RECEPTACLE -TYPE: SINGLE
	SYSTEMS FURNITURE POWER WHIP -EXISTING -QUANTITY OF CIRCUITS		DATA ACCESS POINT
	RECESSED FLOOR BOX RECEPTACLE -TYPE: DUPLEX -W/ 2 DATA ACCESS POINTS		BLANK COVER PLATE
	RECEPTACLE -TYPE: QUAD		WALL SWITCH
	RECEPTACLE -TYPE: DUPLEX -SURGE PROTECTOR		ELECTRICAL EQUIPMENT - EXISTING
			EXISTING MATERIALS TO BE REMOVED

DEMOLITION NOTES

INDICATES KEYED NOTES

- 1 REFER TO SHEET ED-101 FOR GENERAL DEMOLITION NOTES.
- 2 REMOVE AND RETAIN ALL LIGHT FIXTURES, DISCONNECT ASSOCIATED CONDUIT AND CONDUCTORS AND PULL BACK TO NEAREST JUNCTION BOX FOR USE IN NEW CONSTRUCTION.
- 3 DEMOLISH ALL EMERGENCY EXIT SIGNS, ASSOCIATED CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 4 DEMOLISH ALL UNUSED WALL BOXES AND ASSOCIATED COVER PLATES.
- 5 DEMOLISH RECEPTACLE AND WALL BOX. DEMOLISH ASSOCIATED CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX.
- 6 DEMOLISH SURFACE MOUNTED RACEWAY, ASSOCIATED SYSTEMS FURNITURE POWER WHIP, JUNCTION BOX, RECEPTACLES AND DATA ACCESS PORTS. DEMOLISH CONDUCTORS TO NEAREST JUNCTION BOX ABOVE CEILING FOR USE IN NEW CONSTRUCTION.
- 7 DEMOLISH WALL SWITCH AND WALL BOX. DEMOLISH CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX.
- 8 DEMOLISH RECEPTACLE AND COVER PLATE. WALL BOX, CONDUIT AND CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 9 DEMOLISH FLOOR BOX, DEMOLISH CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX. COORDINATE WITH GENERAL CONTRACTOR TO REPAIR FLOOR.
- 10 DEMOLISH CONDUIT AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED BY MECHANICAL CONTRACTOR.
- 11 DEMOLISH DATA ACCESS PORT AND WALL BOX. DEMOLISH DATA WIRE BACK TO ABOVE CEILING.



1 ELECTRICAL DEMOLITION PLAN - 5TH FLOOR - PHASE 5
SCALE: 1/8" = 1'-0"

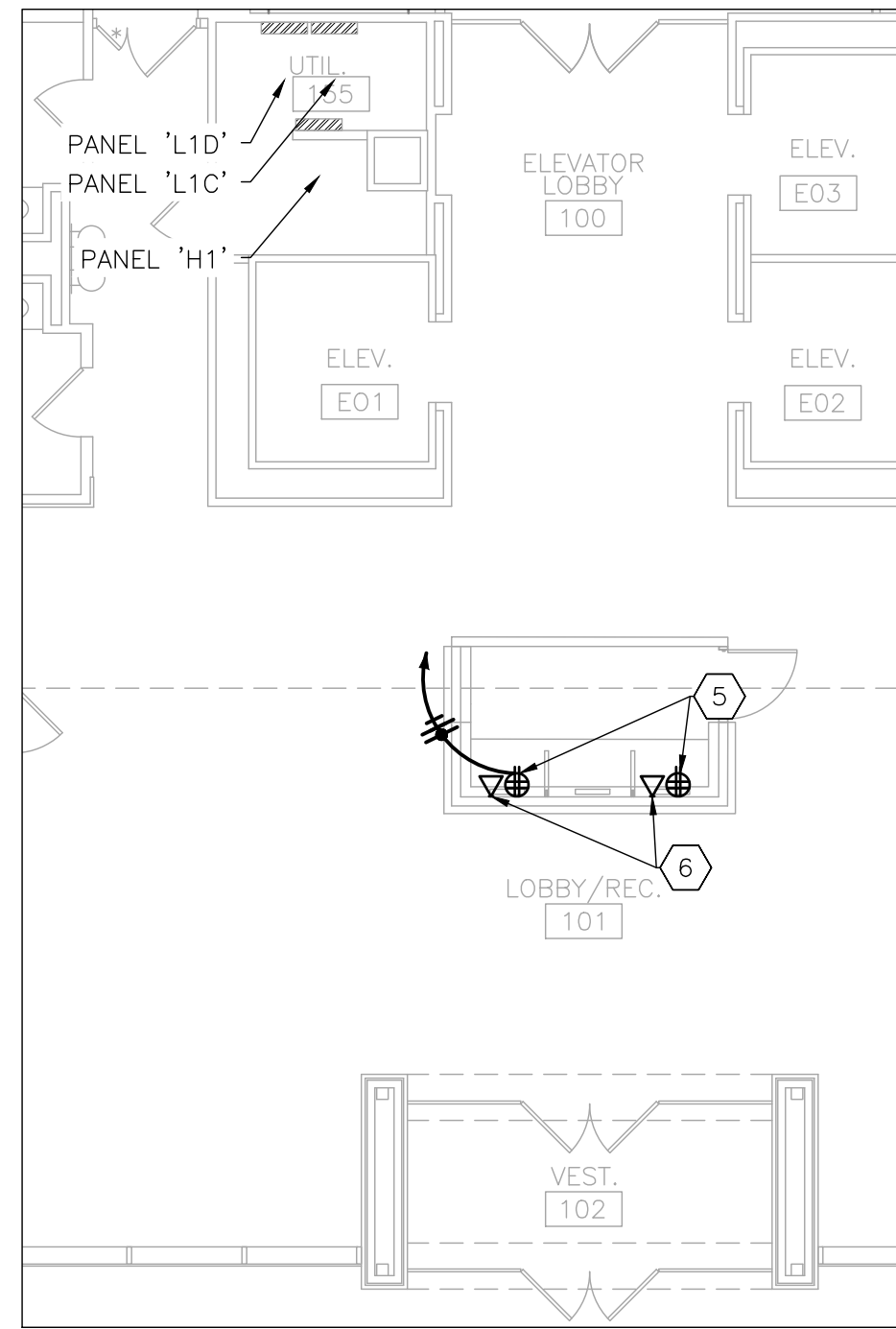
GENERAL RENOVATION NOTES

- 1 ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC) AND ALL MANUFACTURER INSTALLATION GUIDELINES.
- 2 ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS REQUIRED TO COMPLETE THE WORK. ALL EXPOSED LINE VOLTAGE WIRING SHALL BE PULLED IN PROPERLY SIZED CONDUIT (EMT) WITH APPROVED FITTINGS. PROVIDE AND INSTALL ALL CONDUIT FOR LOW VOLTAGE WIRING. LOW VOLTAGE WIRING FOR MECHANICAL SYSTEMS TO BE PROVIDED AND INSTALLED BY OTHERS.
- 3 CONTRACTOR SHALL PROVIDE NEW, TYPE WRITTEN, PANEL SCHEDULES FOR ANY ELECTRICAL PANEL IMPACTED BY THE WORK.
- 4 UNLESS OTHERWISE SPECIFIED, ALL RECEPTACLES LOCATED WITHIN AN OFFICE SHALL SHARE A CIRCUIT.
- 5 FOR ALL NEW DATA ACCESS POINTS, PROVIDE LOW VOLTAGE MOUNTING BRACKET AND CONDUIT. CONDUIT SHALL BE 3/4 INCH EXCEPT AS NOTED. EXTEND CONDUIT TO ABOVE CEILING AND PROVIDE BUSHING FOR OWNER TO PROVIDE AND INSTALL DATA WIRE.
- 6 COORDINATE WITH GENERAL CONTRACTOR TO MODIFY EXISTING CEILING GRID AS REQUIRED FOR LIGHTING INSTALLATION.
- 7 UNLESS OTHERWISE SPECIFIED, ALL WALL SWITCHES SHALL CONTROL ALL LIGHT FIXTURES LOCATED WITHIN THE ROOM/CORRIDOR.
- 8 CONTRACTOR SHALL PROVIDE COMPLETE AS-BUILT PLANS WITH CIRCUITS LABELED AND GENERAL ROUTING SHOWN. ALL WALL PLATES FOR ALL RECEPTACLES AND SWITCHES LOCATED IN THE AREA OF WORK SHALL BE LABELED WITH A TAG SHOWING PANEL AND BREAKER NUMBER.

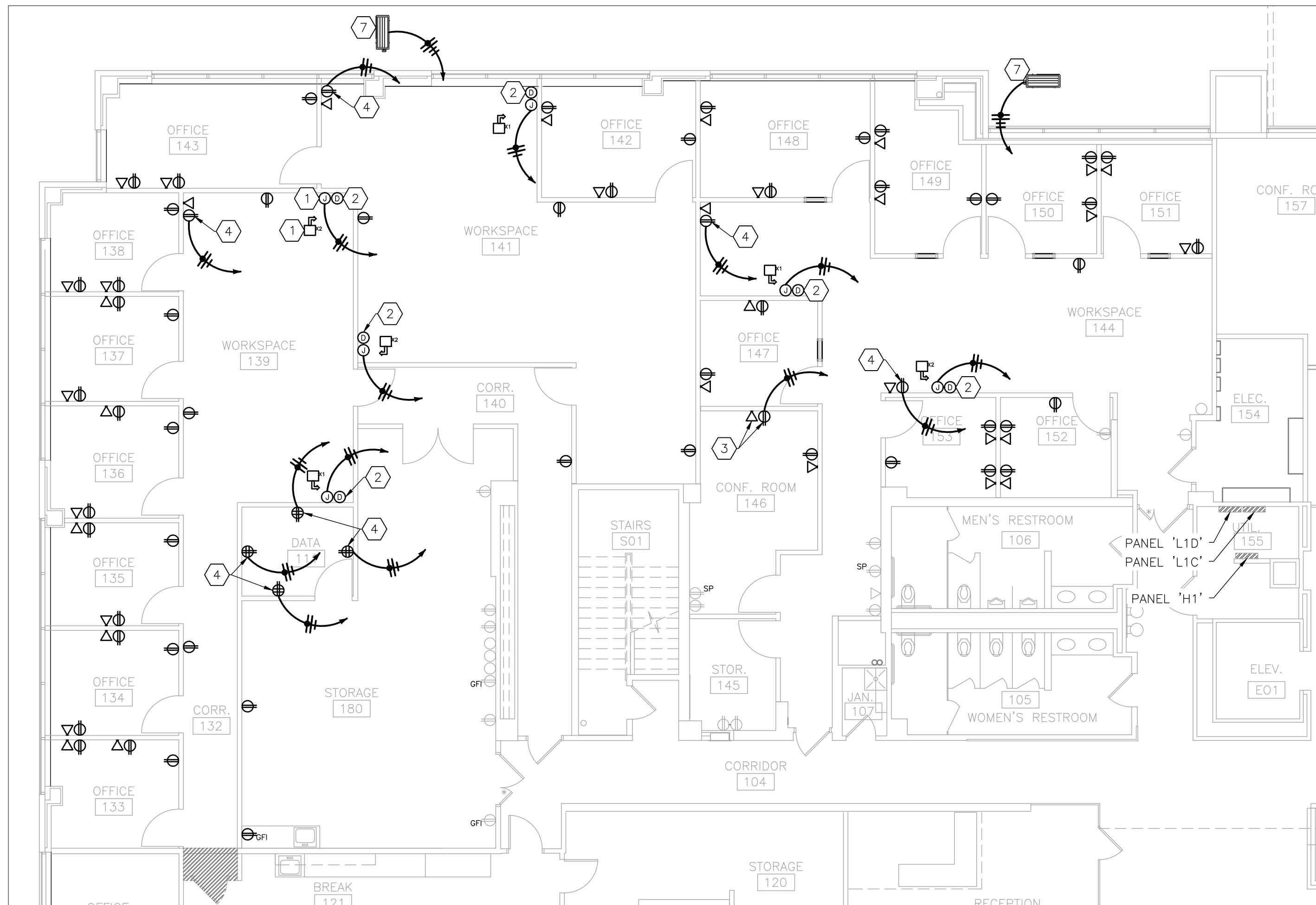
RENOVATION NOTES

INDICATES KEYED NOTES

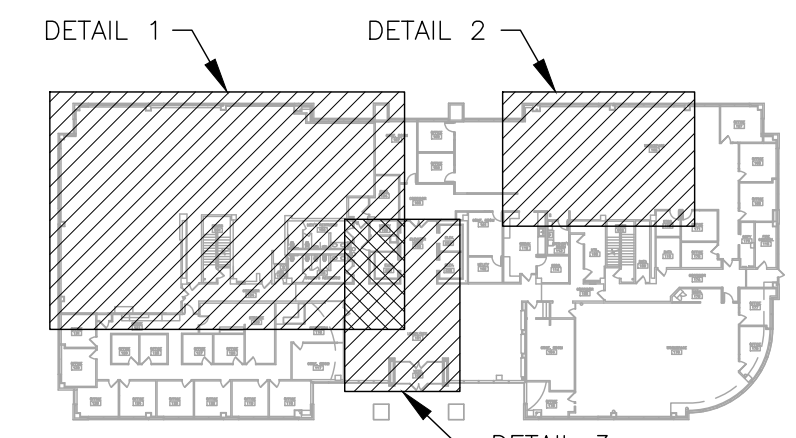
- 1 TYPICAL INSTALLATION: PROVIDE AND INSTALL JUNCTION BOX AND CONDUIT IN NEW WALL. EXTEND CIRCUITS TO JUNCTION BOX AND CONNECT SYSTEMS FURNITURE POWER WHIP. PROVIDE STAINLESS STEEL WALL PLATE WITH 1/2 INCH KNOCKOUT. REQUIRED CIRCUIT QUANTITY NOTED ON PLANS. GENERAL CONTRACTOR TO PROVIDE FURNITURE POWER WHIP.
- 2 DATA ACCESS POINT PER GENERAL RENOVATION NOTE 5. CONDUIT SHALL BE 1 INCH.
- 3 RECEPTACLE AND DATA ACCESS POINT SHALL BE INSTALLED BEHIND WALL MOUNTED TV. COORDINATE FINAL HEIGHT AND LOCATION WITH GENERAL CONTRACTOR.
- 4 PROVIDE DEDICATED CIRCUIT.
- 5 PROVIDE AND INSTALL DUPLEX RECEPTACLE, WALL BOX, CONDUIT AND CONDUCTORS. INSTALL WALL BOX RECESSED IN CUSTOM MILLWORK DESK. ROUTE CONDUIT AND CONDUCTORS THROUGH HOLLOW METAL COLUMN TO ABOVE WOOD PANEL SOFFIT AND TO ELECTRICAL PANEL. COORDINATE WITH GENERAL CONTRACTOR FOR FINAL RECEPTACLE LOCATIONS.
- 6 PROVIDE AND INSTALL DATA ACCESS POINT AND CONDUIT. INSTALL LOW VOLTAGE WALL BOX RECESSED IN CUSTOM MILLWORK DESK. ROUTE 1 INCH CONDUIT THROUGH HOLLOW METAL COLUMN TO ACCESSIBLE LOCATION ABOVE WOOD PANEL SOFFIT. COORDINATE WITH GENERAL CONTRACTOR FOR FINAL DATA ACCESS POINT LOCATIONS.
- 7 CONNECT POWER TO NEW EQUIPMENT INSTALLED BY MECHANICAL CONTRACTOR. ROUTE POWER TO NEAREST EQUIPMENT POWER PANEL. COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL EQUIPMENT LOCATION.



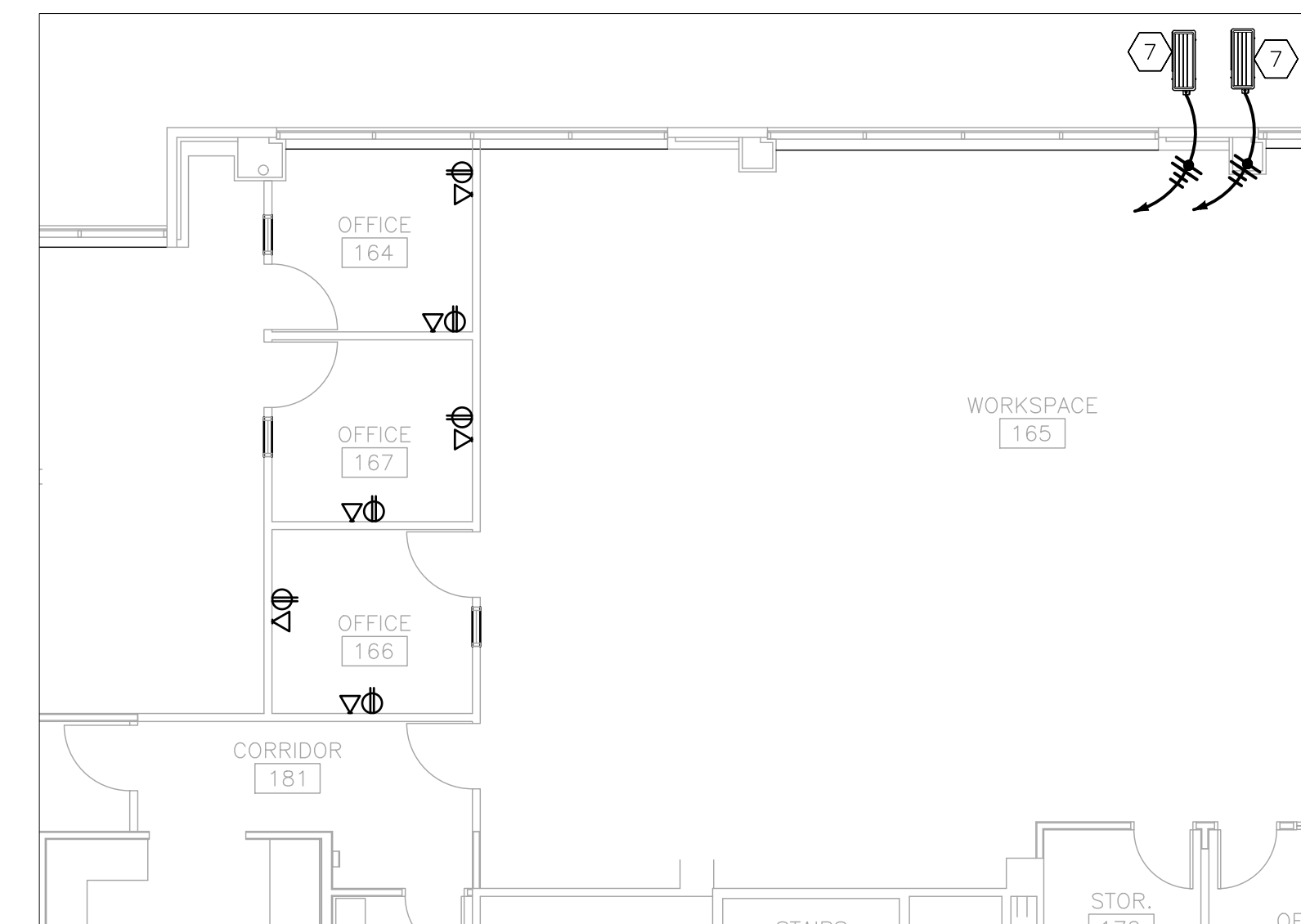
3 ELECTRICAL POWER RENOVATION PLAN - 1ST FLOOR LOBBY - PHASE 3
SCALE: 1/8" = 1'-0"



1 ELECTRICAL POWER RENOVATION PLAN - 1ST FLOOR NORTHWEST - PHASE 3
SCALE: 1/8" = 1'-0"



4 AREA MAP - 1ST FLOOR



2 ELECTRICAL POWER RENOVATION PLAN - 1ST FLOOR NORTHEAST - PHASE 3
SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND	
	HOME RUN—SHORT STROKES INDICATE PHASE OR SWITCHED WIRES, LONG STROKE INDICATE NEUTRAL, LONG WITH DOT INDICATE GROUND
	JUNCTION BOX
	JUNCTION BOX FOR DATA WIRE
	SYSTEMS FURNITURE POWER WHIP —PROVIDED W/ FURNITURE PACKAGE —QUANTITY OF CIRCUITS
	RECEPTACLE —TYPE: QUAD
	RECEPTACLE —TYPE: DUPLEX —SURGE PROTECTOR
	RECEPTACLE —TYPE: DUPLEX —GROUND FAULT INTERRUPTING
	RECEPTACLE —TYPE: DUPLEX
	RECEPTACLE —TYPE: SINGLE
	DATA ACCESS POINT
	BLANK COVER PLATE
	ELECTRICAL EQUIPMENT - NEW
	ELECTRICAL EQUIPMENT - EXISTING



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DESIGN AND CONSTRUCTION

DEPARTMENT OF
OFFICE OF ADMINISTRATION

INTERIOR REMODEL
ST. LOUIS COUNTY
REGIONAL STATE OFFICE
BUILDING

1390 TIMBERLAKE MANOR
PKWY
CHESTERFIELD, MO 63017

PROJECT # O2521-01
SITE #
ASSET #

REVISION:
DATE:
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ISSUE DATE: 11/7/2024

CAD DWG FILE:
DRAWN BY:
CHECKED BY:
DESIGNED BY:

SHEET TITLE:
ELECTRICAL POWER
RENOVATION PLAN
1ST FLOOR

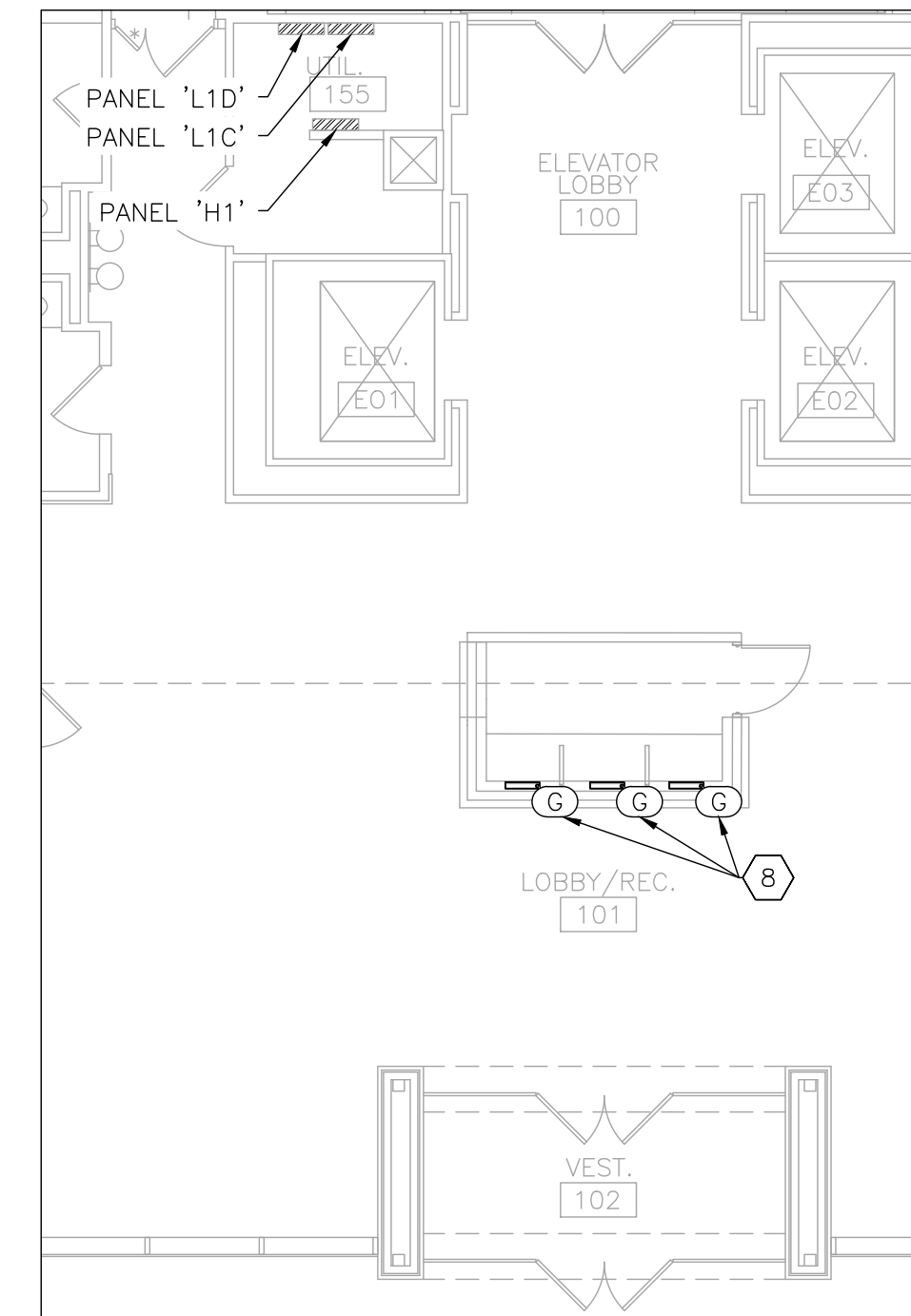
SHEET NUMBER:

E-101

RENOVATION NOTES

INDICATES KEYED NOTES

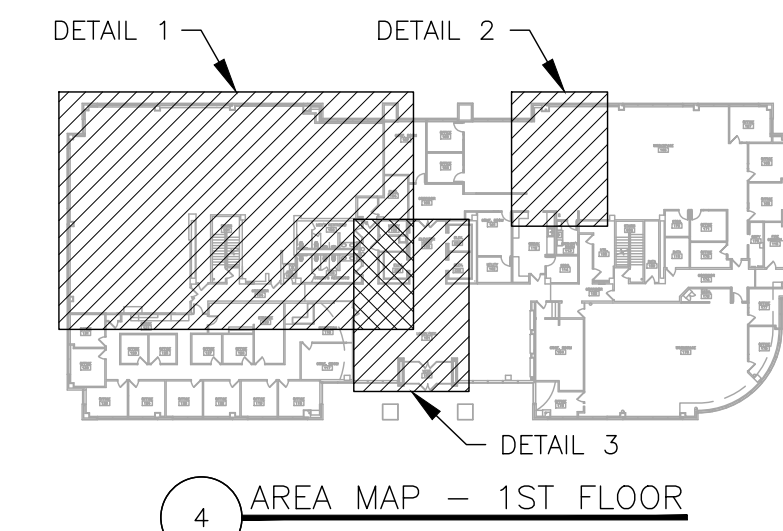
- 1 REFER TO SHEET E-101 FOR GENERAL RENOVATION NOTES.
- 2 UNLESS OTHERWISE NOTED, INSTALL RETAINED LIGHT FIXTURES AS SHOWN.
- 3 PROVIDE AND INSTALL EMERGENCY EXIT SIGN MODEL PEALE-DREM16 OR EQUAL. ROUTE POWER TO EMERGENCY CIRCUIT ON PANEL H1.
- 4 PROVIDE AND INSTALL NON-DIRECTIONAL EMERGENCY EXIT SIGN MODEL PEALE-SREM16 ROUTE POWER TO EMERGENCY CIRCUIT ON PANEL H1. INSTALL SIGN PARALLEL TO ASSOCIATED DOOR.
- 5 PROVIDE AND INSTALL LOCK-OUT FOR BREAKERS 15, 17 & 21 ON PANEL H1. BREAKERS TO BE LABELED FOR USE IN THE EMERGENCY LIGHTING SYSTEM.
- 6 PROVIDE AND INSTALL FIRE HORN STROBE, MODEL TO BE EQUAL TO EXISTING. COORDINATE WITH FIRE PROTECTION CONTRACTOR TO PERFORM ALL WORK NECESSARY TO INTEGRATE STROBE INTO EXISTING FIRE PROTECTION SYSTEM. ADJUST CANDELA SETPOINT TO BE IN COMPLIANCE WITH NFPA 72.
- 7 COORDINATE WITH FIRE PROTECTION CONTRACTOR TO ADJUST EXISTING FIRE HORN STROBE CANDELA SETPOINT TO BE IN COMPLIANCE WITH NFPA 72.
- 8 PROVIDE AND INSTALL TASK LIGHT FIXTURE IN CUSTOM MILLWORK. ROUTE POWER THROUGH HOLLOW METAL POST TO ABOVE WOOD PANEL SOFFIT AND TO 120V ELECTRICAL PANEL. COORDINATE WITH GENERAL CONTRACTOR FOR FINAL LIGHT LOCATIONS.



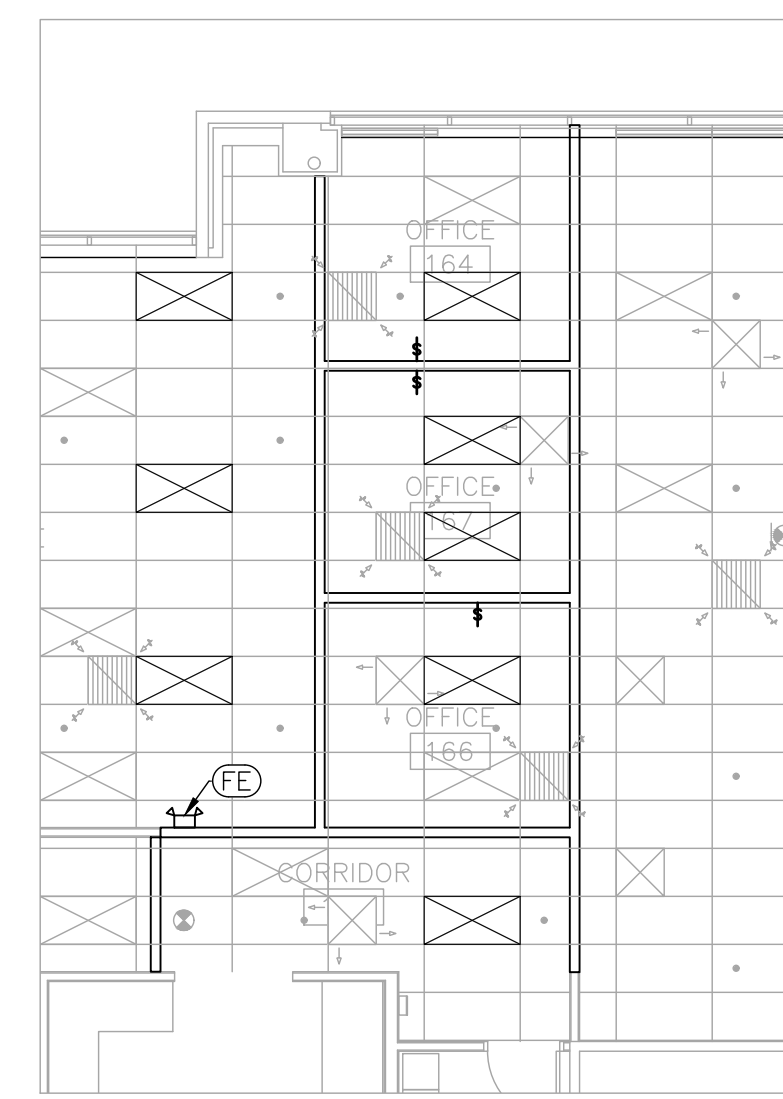
3 ELECTRICAL LIGHTING RENOVATION PLAN - 1ST FLOOR LOBBY - PHASE 3
SCALE: 1/8" = 1'-0"



1 ELECTRICAL LIGHTING RENOVATION PLAN - 1ST FLOOR NORTHWEST - PHASE 3
SCALE: 1/8" = 1'-0"



4 AREA MAP - 1ST FLOOR



2 ELECTRICAL LIGHTING RENOVATION PLAN - 1ST FLOOR NORTHEAST - PHASE 3
SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND	
	DIRECTIONAL EXIT SIGN
	NON-DIRECTIONAL EXIT SIGN
	FIRE STROBE - WALL MOUNTED - NEW
	FIRE STROBE - WALL MOUNTED - EXISTING
	LIGHT FIXTURE MARK
	WALL MOUNTED EMERGENCY LIGHT
	WALL SWITCH
	LIGHT FIXTURE - NEW
	LIGHT FIXTURE - EXISTING



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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SHEET TITLE:
**LIGHTING
RENOVATION PLAN
1ST FLOOR**

SHEET NUMBER:

E-102

RENOVATION NOTES

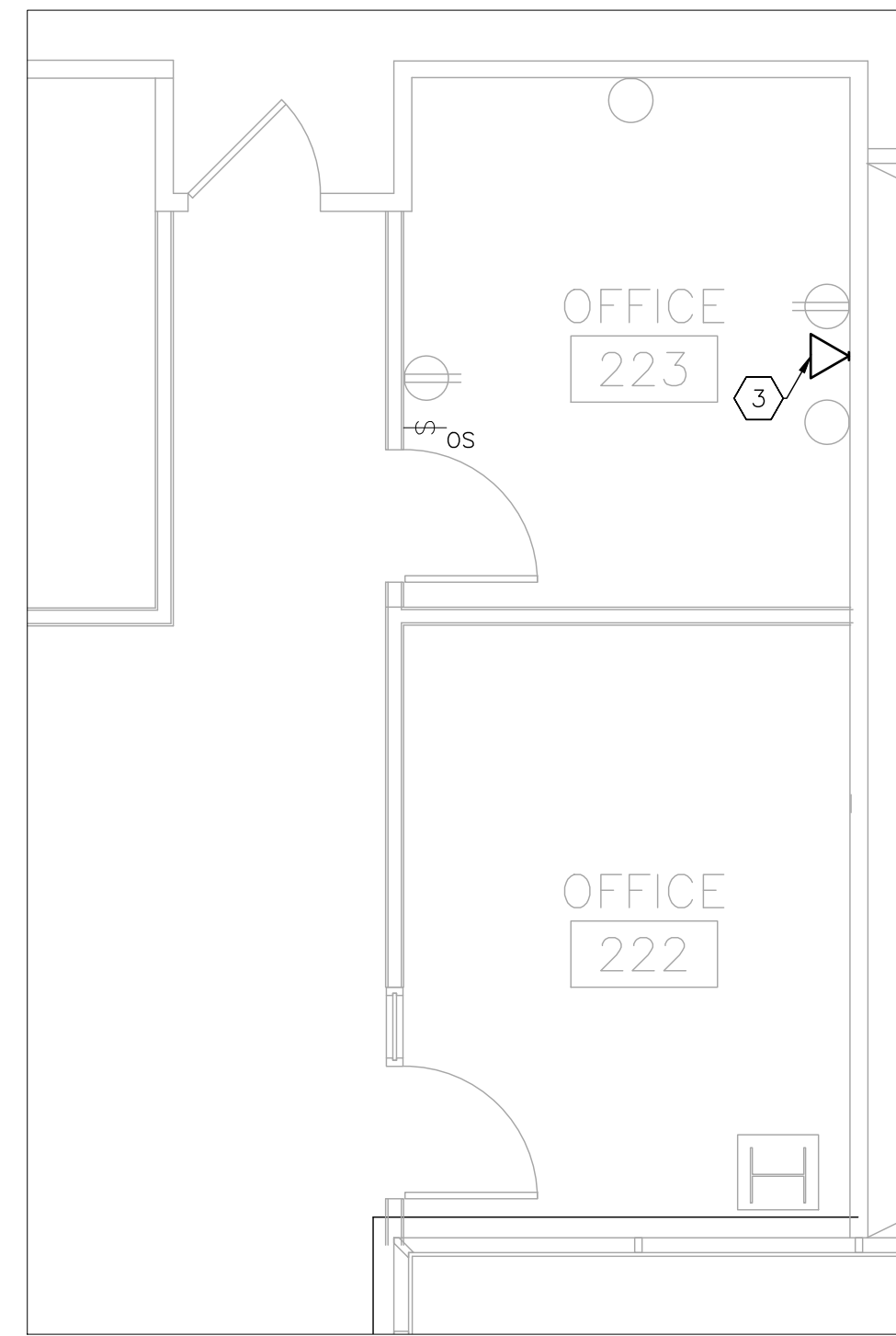
INDICATES KEYED NOTES

- 1 REFER TO E-101 FOR GENERAL RENOVATION NOTES.
- 2 PROVIDE AND INSTALL EXTENSION RING AND RECEPTACLE. PERFORM WORK SUCH THAT RECEPTACLE IS FLUSH WITH NEW WALL THICKNESS.
- 3 PROVIDE AND INSTALL DATA ACCESS POINT. REFER TO GENERAL NOTE 5 OF SHEET E-101.
- 4 EXTEND CONDUIT AND CONDUCTORS TO SPARE BREAKER IN POWER PANEL TO CREATE DEDICATED CIRCUIT FOR FH-1.
- 5 ROUTE POWER TO NEXT RECEPTACLE IN CIRCUIT AS NEEDED.
- 6 INSTALL RETAINED WALL MOUNTED EMERGENCY LIGHT. EXTEND CONDUIT AND CONDUCTORS TO NEW LOCATION.
- 7 PROVIDE AND INSTALL WALL SWITCH AND WALL BOX. EXTEND CONDUIT AND CONDUCTORS TO LIGHTING CIRCUIT WITHIN ROOM.

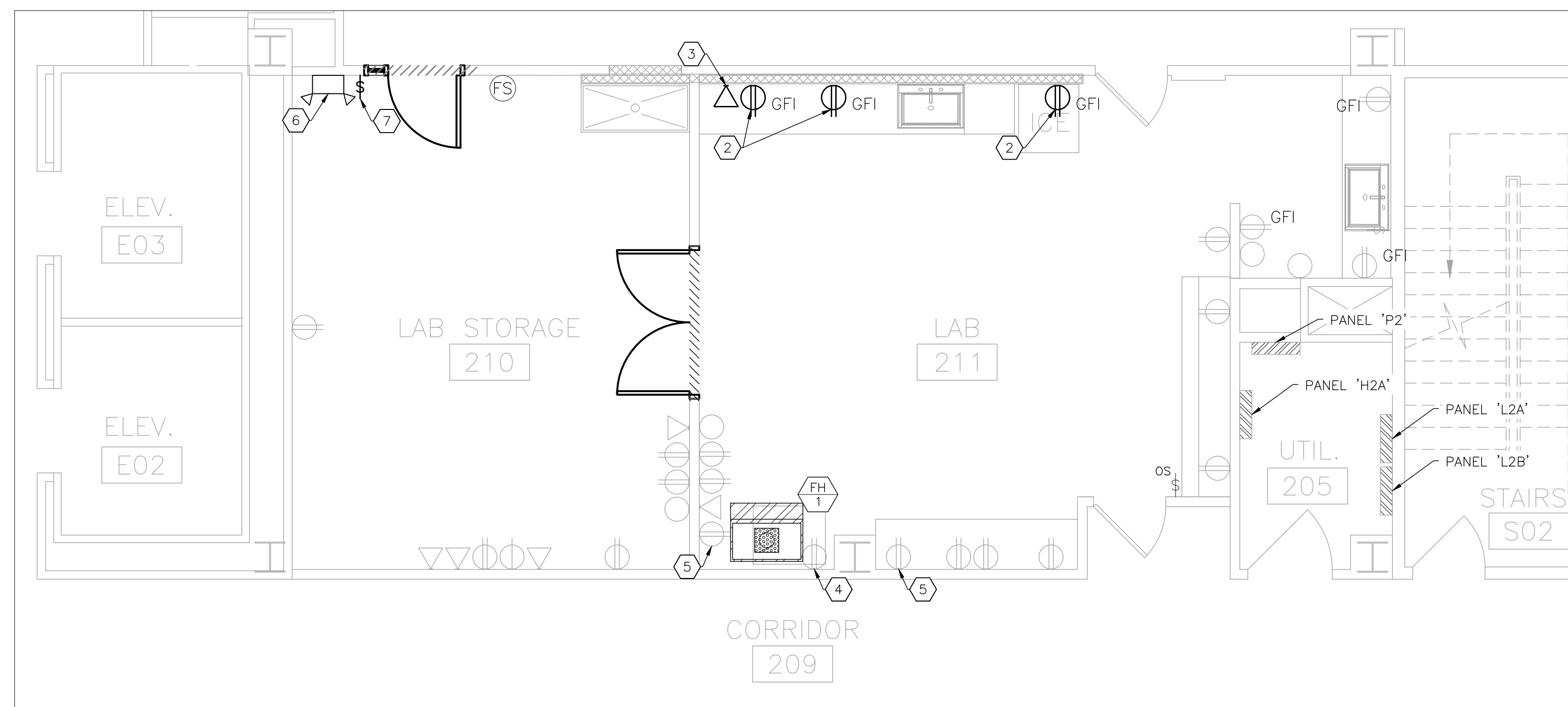


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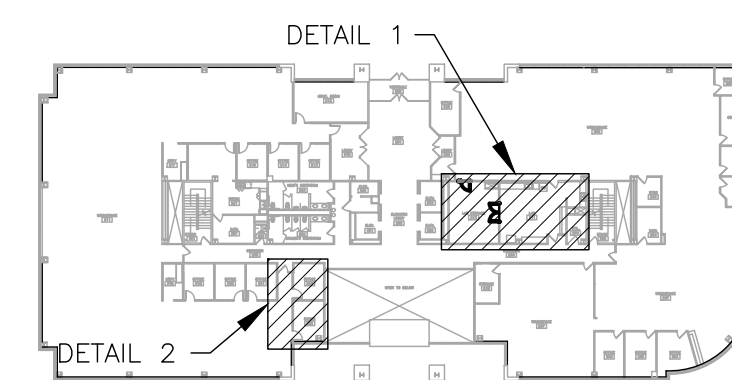
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2 ELECTRICAL RENOVATION PLAN - OFFICE 223 - PHASE 2
SCALE: 1/4" = 1'-0"



1 ELECTRICAL RENOVATION PLAN - 2ND FLOOR LAB - PHASE 2
SCALE: 1/4" = 1'-0"



3 AREA MAP - 2ND FLOOR

ELECTRICAL LEGEND	
	DEVICE SCHEDULE TAG
	FIRE STROBE - WALL MOUNTED - EXISTING
	WALL MOUNTED EMERGENCY LIGHT
	RECEPTACLE -TYPE: DUPLEX -GROUND FAULT INTERRUPTING
	RECEPTACLE -TYPE: DUPLEX
	DATA ACCESS POINT
	BLANK COVER PLATE
	WALL SWITCH
	OCCUPANCY SENSOR - WALL MOUNTED - EXISTING
	ELECTRICAL EQUIPMENT - NEW
	ELECTRICAL EQUIPMENT - EXISTING

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DESIGNED BY: _____

SHEET TITLE:
**ELECTRICAL
RENOVATION PLAN
2ND FLOOR**

SHEET NUMBER:

E-103

RENOVATION NOTES

INDICATES KEYED NOTES

- 1 REFER TO SHEET E-101 FOR GENERAL RENOVATION NOTES.
- 2 COORDINATE WITH MECHANICAL CONTRACTOR TO INSTALL RETAINED THERMOSTAT IN NEW LOCATION.
- 3 PROVIDE AND INSTALL LIGHT FIXTURE. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO COMPLETE THE WORK.
- 4 PROVIDE AND INSTALL JUNCTION BOX AND CONDUIT IN NEW WALL. EXTEND NEW CIRCUITS FROM SPARE ON ELECTRICAL PANEL TO JUNCTION BOX AND CONNECT SYSTEMS FURNITURE POWER WHIP. PROVIDE STAINLESS STEEL WALL PLATE WITH 1/2 INCH KNOCKOUT. REQUIRED CIRCUIT QUANTITY NOTED ON PLANS. GENERAL CONTRACTOR TO PROVIDE SYSTEMS FURNITURE POWER WHIP.
- 5 DATA ACCESS POINT PER GENERAL RENOVATION NOTE 5 ON SHEET E-101. CONDUIT SHALL BE 1 INCH.
- 6 PROVIDE AND INSTALL JUNCTION BOX AND CONDUIT IN EXISTING WALL. EXTEND CIRCUITS RETAINED FROM DEMOLITION TO JUNCTION BOX AND CONNECT RETAINED SYSTEMS FURNITURE POWER WHIP. PROVIDE STAINLESS STEEL WALL PLATE WITH 1/2 INCH KNOCKOUT.
- 7 DATA ACCESS POINT PER GENERAL RENOVATION NOTE 5 ON SHEET E-101.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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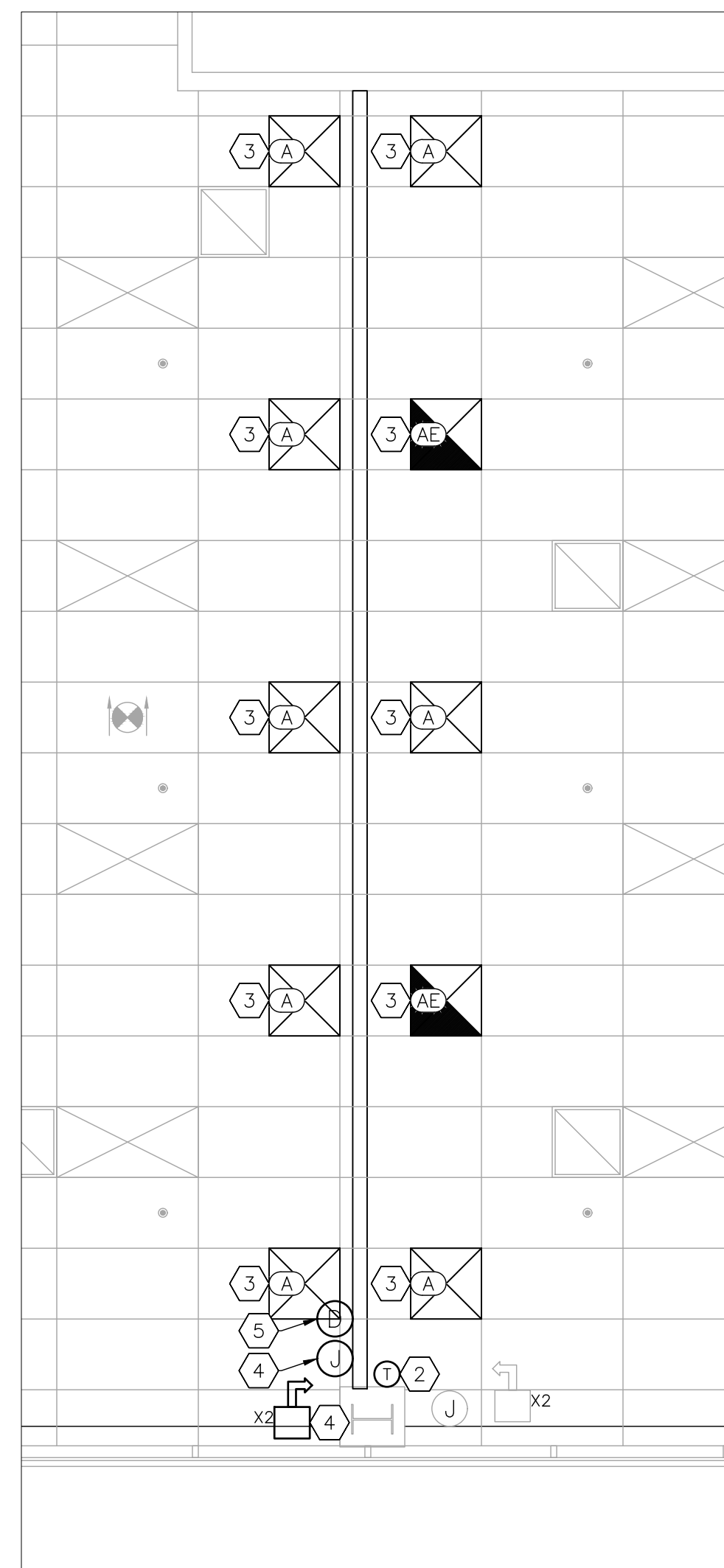
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DESIGNED BY: _____

SHEET TITLE:
ELECTRICAL
RENOVATION PLAN
4TH FLOOR

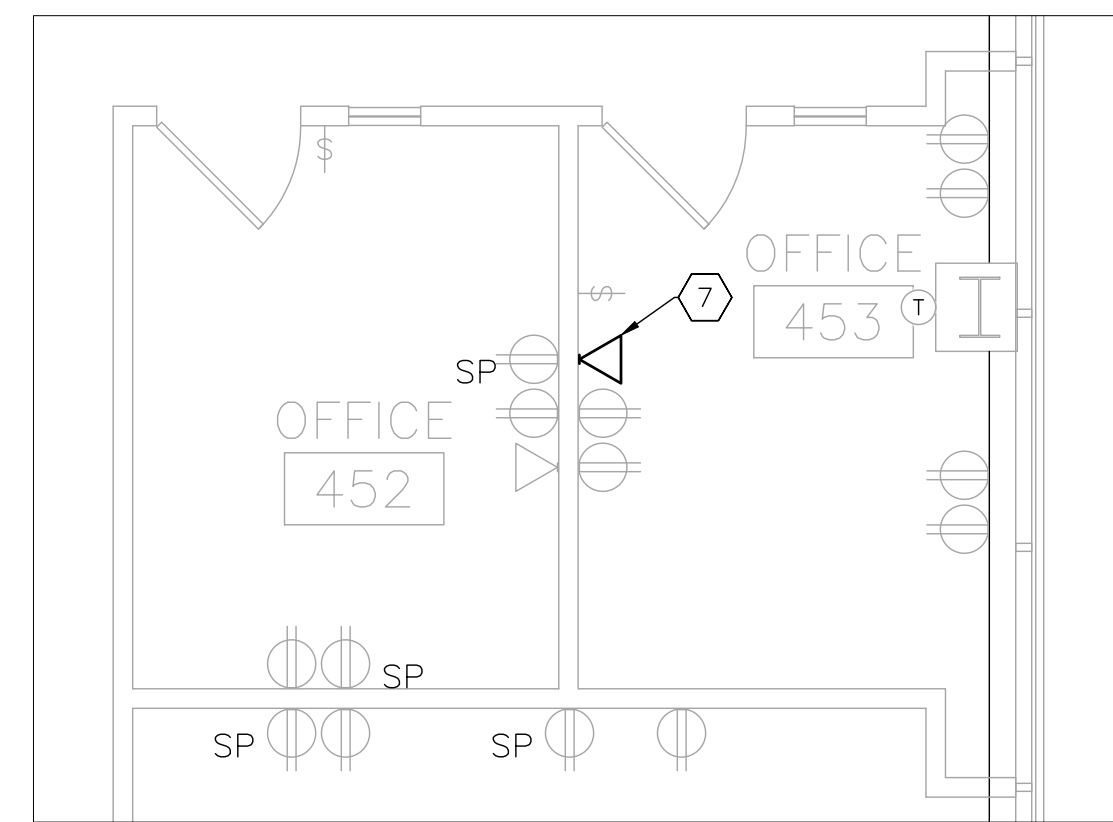
SHEET NUMBER:

E-104

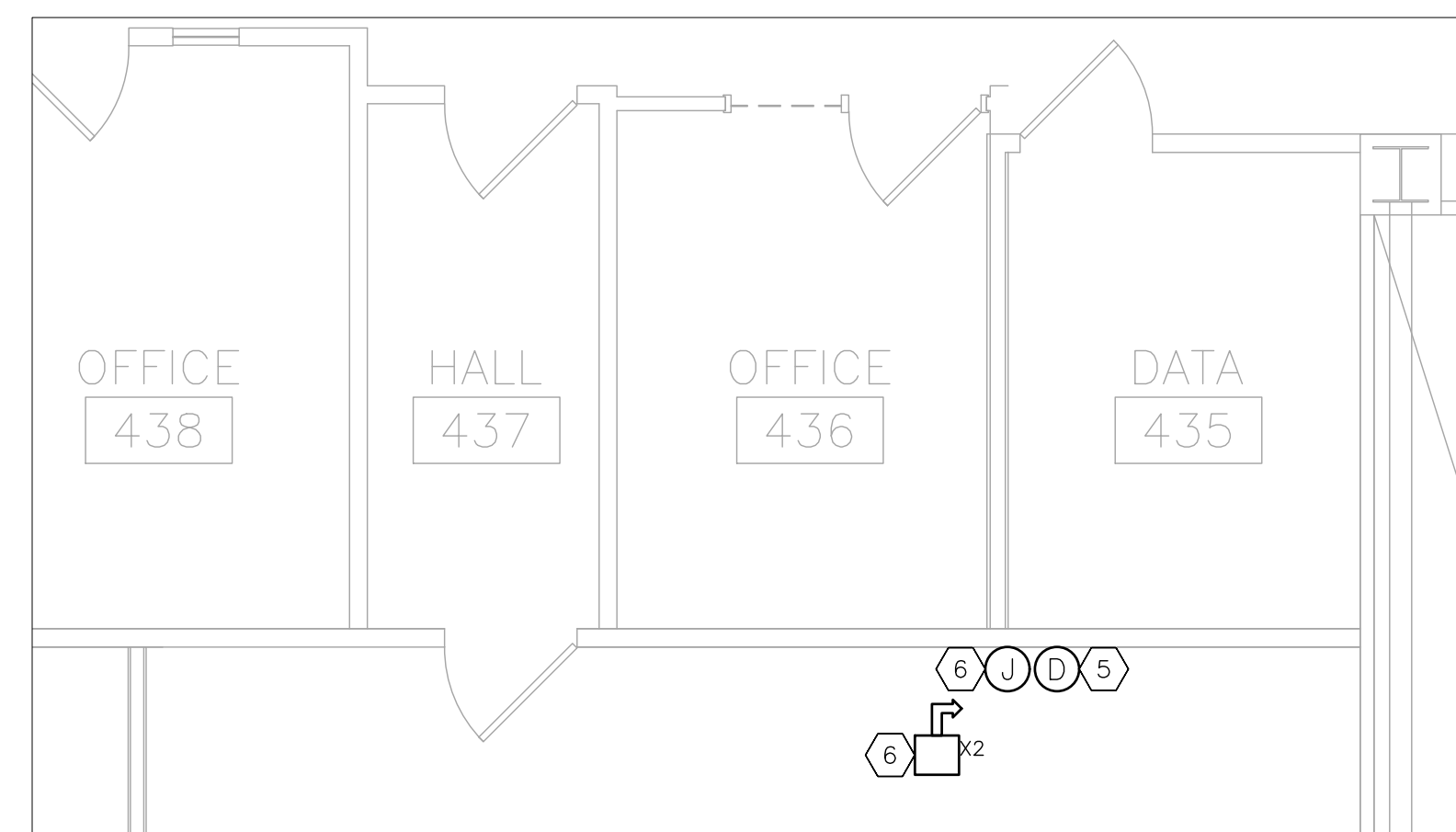
47 OF 50 SHEETS
11/7/2024



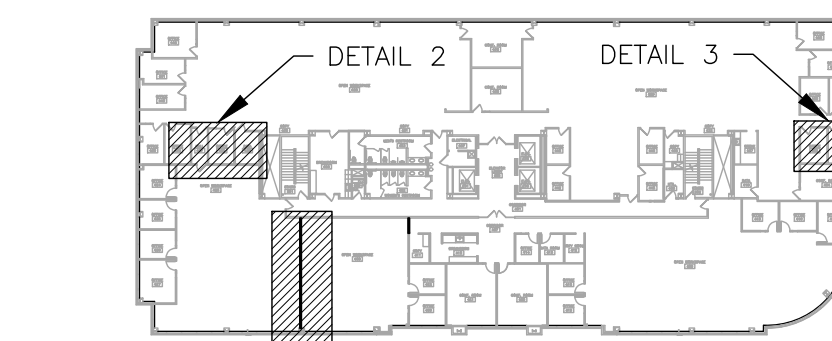
1 ELECTRICAL RENOVATION PLAN - 4TH FLOOR SOUTHWEST - PHASE 4
SCALE: 1/4" = 1'-0"



3 ELECTRICAL RENOVATION PLAN - 4TH FLOOR EAST - PHASE 4
SCALE: 3/16" = 1'-0"

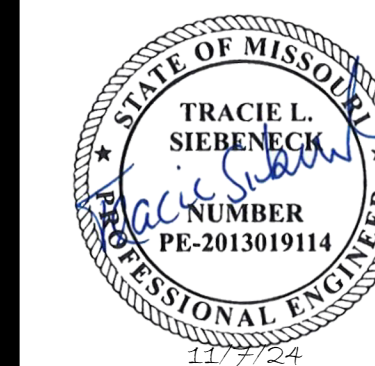


2 ELECTRICAL RENOVATION PLAN - 4TH FLOOR WEST - PHASE 4
SCALE: 3/16" = 1'-0"



4 AREA MAP - 4TH FLOOR

ELECTRICAL LEGEND	
	DIRECTIONAL EXIT SIGN
	THERMOSTAT
	LIGHT FIXTURE MARK
	JUNCTION BOX
	JUNCTION BOX FOR DATA WIRE
	SYSTEMS FURNITURE POWER WHIP - PROVIDED W/ FURNITURE PACKAGE - QUANTITY OF CIRCUITS
	RECEPTACLE - TYPE: DUPLEX - SURGE PROTECTOR
	RECEPTACLE - TYPE: DUPLEX
	DATA ACCESS POINT
	WALL SWITCH
	ELECTRICAL EQUIPMENT - NEW
	LIGHT FIXTURE - NEW



Tracie L. Siebencek - Engineer
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SHEET TITLE:
ELECTRICAL POWER
RENOVATION PLAN
5TH FLOOR

SHEET NUMBER:

E-105

48 OF 50 SHEETS
11/7/2024

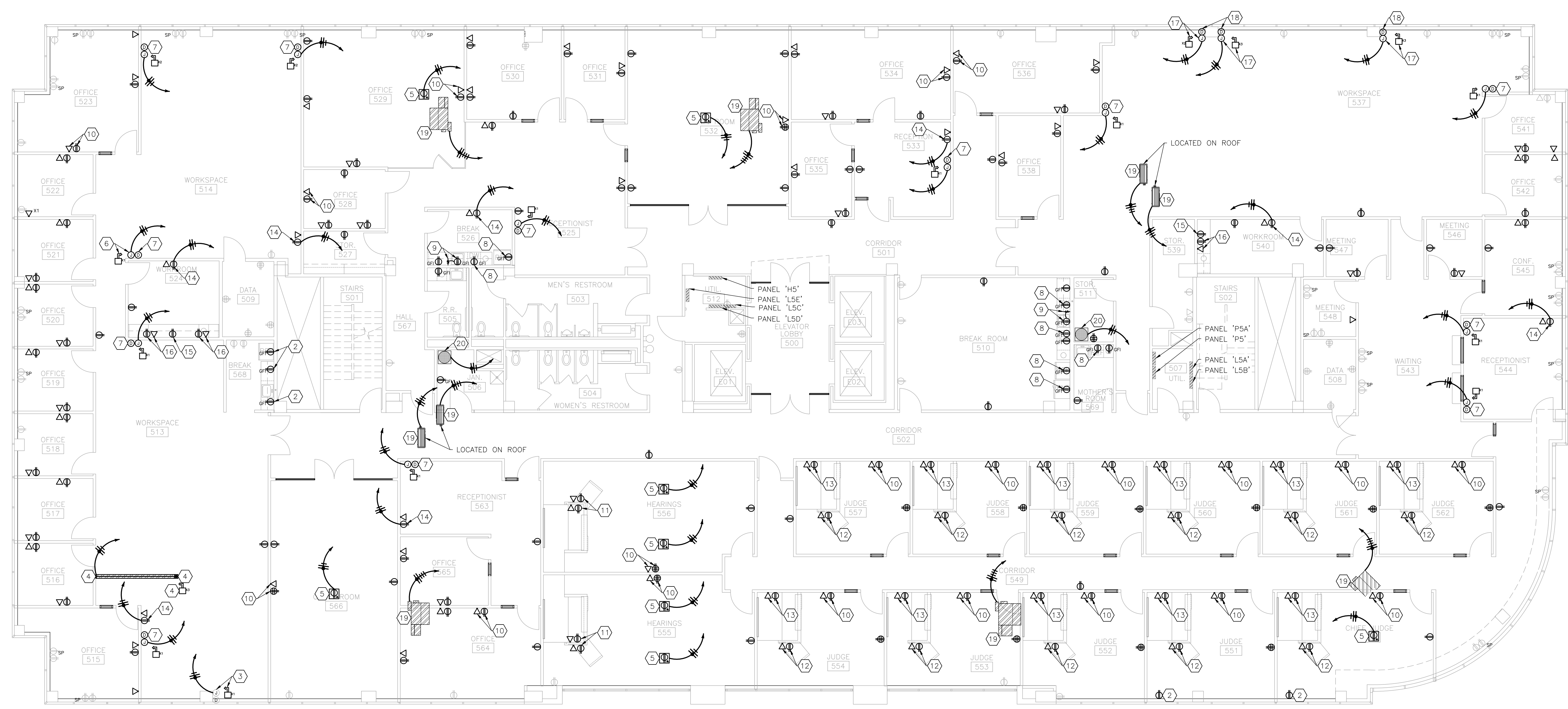
ELECTRICAL LEGEND	
	HOME RUN—SHORT STROKES INDICATE PHASE OR SWITCHED WIRES, LONG STROKE INDICATE NEUTRAL, LONG WITH DOT INDICATE GROUND
	SYSTEMS FURNITURE POWER WHIP — PROVIDED W/ FURNITURE PACKAGE — QUANTITY OF CIRCUITS
	JUNCTION BOX
	JUNCTION BOX FOR DATA WIRE
	RECESSED FLOOR BOX RECEPTACLE — TYPE: DUPLEX — W/ 2 DATA ACCESS POINTS
	RECEPTACLE — TYPE: QUAD
	RECEPTACLE — TYPE: DUPLEX — SURGE PROTECTOR
	RECEPTACLE — TYPE: DUPLEX — GROUND FAULT INTERRUPTING
	RECEPTACLE — TYPE: DUPLEX
	RECEPTACLE — TYPE: SINGLE
	DATA ACCESS POINT
	BLANK COVER PLATE
	WALL SWITCH
	ELECTRICAL EQUIPMENT — NEW
	ELECTRICAL EQUIPMENT — EXISTING
	WIRE/CONDUIT — NEW

RENOVATION NOTES # INDICATES KEYED NOTES

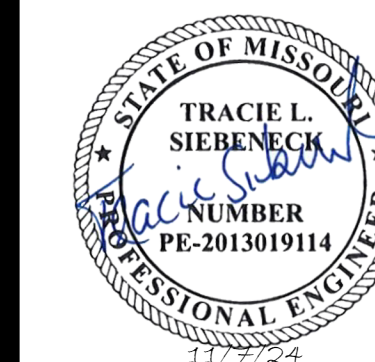
- REFER TO SHEET E-101 FOR GENERAL RENOVATION NOTES.
- PROVIDE AND INSTALL RECEPTACLE IN EXISTING WALL BOX.
- EXTEND CIRCUITS TO EXISTING JUNCTION BOX AND CONNECT SYSTEMS FURNITURE POWER WHIP. PROVIDE STAINLESS STEEL WALL PLATE WITH 3/8 INCH KNOCKOUT. REQUIRED CIRCUIT QUANTITY NOTED ON PLANS. GENERAL CONTRACTOR TO PROVIDE FURNITURE POWER WHIP.
- PROVIDE AND INSTALL CONNECTRAC FLEX UNDER CARPET TILE RACEWAY SYSTEM OR EQUAL. EXTEND CONDUIT AND CONDUCTORS FROM ELECTRICAL PANEL TO NEW WALL. ROUTE FLOOR MOUNTED RACEWAY FROM WALL AS SHOWN, COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR. PROVIDE PRE-WIRED 4 CIRCUIT RACEWAY TO TERMINATE IN HARDWARE DEVICE AND CONNECT SYSTEMS FURNITURE POWER WHIP. PROVIDE SECOND RACEWAY FOR DATA WIRE TO TERMINATE IN GROMMET DEVICE. EXTEND CONDUIT FOR DATA THROUGH WALL TO ABOVE CEILING.
- PROVIDE AND INSTALL LEW ELECTRIC 4 INCH ROUND POKE THRU CORE DRILL FLUSH BOX. MODEL MO4-REC-DP1-COMM4-SS-AHC-CED-10 OR EQUAL. EXTEND CONDUIT AND CONDUCTORS TO ELECTRICAL PANEL. CONFIRM FINAL LOCATION WITH OWNER.
- TYPICAL INSTALLATION: PROVIDE AND INSTALL JUNCTION BOX AND CONDUIT IN NEW WALL. EXTEND CIRCUITS TO JUNCTION BOX AND CONNECT SYSTEMS FURNITURE POWER WHIP. PROVIDE STAINLESS STEEL WALL PLATE WITH 3/8 INCH KNOCKOUT. REQUIRED CIRCUIT QUANTITY NOTED ON PLANS. GENERAL CONTRACTOR TO PROVIDE FURNITURE POWER WHIP.
- DATA ACCESS POINT PER GENERAL RENOVATION NOTE 5 ON SHEET E-101. CONDUIT SHALL BE 1 INCH.
- PROVIDE AND INSTALL RECEPTACLE FOR APPLIANCE USE. CIRCUIT SHALL BE DEDICATED. COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR.
- PROVIDE AND INSTALL RECEPTACLE TO BE COMMANDED BY WALL SWITCH FOR APPLIANCE USE. CIRCUIT SHALL BE DEDICATED. RECEPTACLE LOCATED UNDER SINK. SWITCH LOCATED ADJACENT TO SINK. COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR.
- RECEPTACLE AND DATA ACCESS POINT SHALL BE BEHIND WALL MOUNTED TV. COORDINATE FINAL HEIGHT AND LOCATION WITH GENERAL CONTRACTOR.

RENOVATION NOTES CONT'D # INDICATES KEYED NOTES

- EXTEND CONDUIT AND CONDUCTORS THROUGH CUSTOM MILLWORK PLATFORM TO RECEPTACLE AND DATA ACCESS POINT. COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR.
- EXTEND CONDUIT AND CONDUCTORS THROUGH CUSTOM MILLWORK LOW HEIGHT WALL TO RECEPTACLE AND DATA ACCESS POINT. COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR.
- INSTALL RECEPTACLE AND DATA ACCESS POINT SUCH THAT BOTH ARE ACCESSIBLE FROM ABOVE CUSTOM MILLWORK DESK. COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR.
- PROVIDE DEDICATED CIRCUIT.
- INSTALL RECEPTACLE BELOW CUSTOM MILLWORK COUNTER. COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR.
- INSTALL RECEPTACLE AND DATA ACCESS POINT ABOVE CUSTOM MILLWORK COUNTER. COORDINATE FINAL LOCATION WITH GENERAL CONTRACTOR.
- PROVIDE AND INSTALL JUNCTION BOX AND CONDUIT IN EXISTING COLUMN. EXTEND CIRCUITS TO JUNCTION BOX AND CONNECT SYSTEMS FURNITURE POWER WHIP. PROVIDE STAINLESS STEEL WALL PLATE WITH 3/8 INCH KNOCKOUT. REQUIRED CIRCUIT QUANTITY NOTED ON PLANS. GENERAL CONTRACTOR TO PROVIDE FURNITURE POWER WHIP.
- DATA ACCESS POINT IN EXISTING COLUMN PER GENERAL RENOVATION NOTE 5 ON SHEET E-101. CONDUIT SHALL BE 1 INCH.
- CONNECT POWER TO NEW EQUIPMENT INSTALLED BY MECHANICAL CONTRACTOR. ROUTE POWER TO NEAREST EQUIPMENT POWER PANEL. COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL EQUIPMENT LOCATION.
- CONNECT POWER TO NEW EQUIPMENT INSTALLED BY PLUMBING CONTRACTOR. ROUTE POWER TO NEAREST EQUIPMENT POWER PANEL. COORDINATE WITH PLUMBING CONTRACTOR FOR FINAL EQUIPMENT LOCATION.



1 ELECTRICAL POWER RENOVATION PLAN — 5TH FLOOR — PHASE 5
SCALE: 1/8" = 1'-0"



Tracie L. Siebencek - Engineer
MO# PE-201301914

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DESIGNED BY:

SHEET TITLE:
**LIGHTING
RENOVATION PLAN
5TH FLOOR**

SHEET NUMBER:

E-106

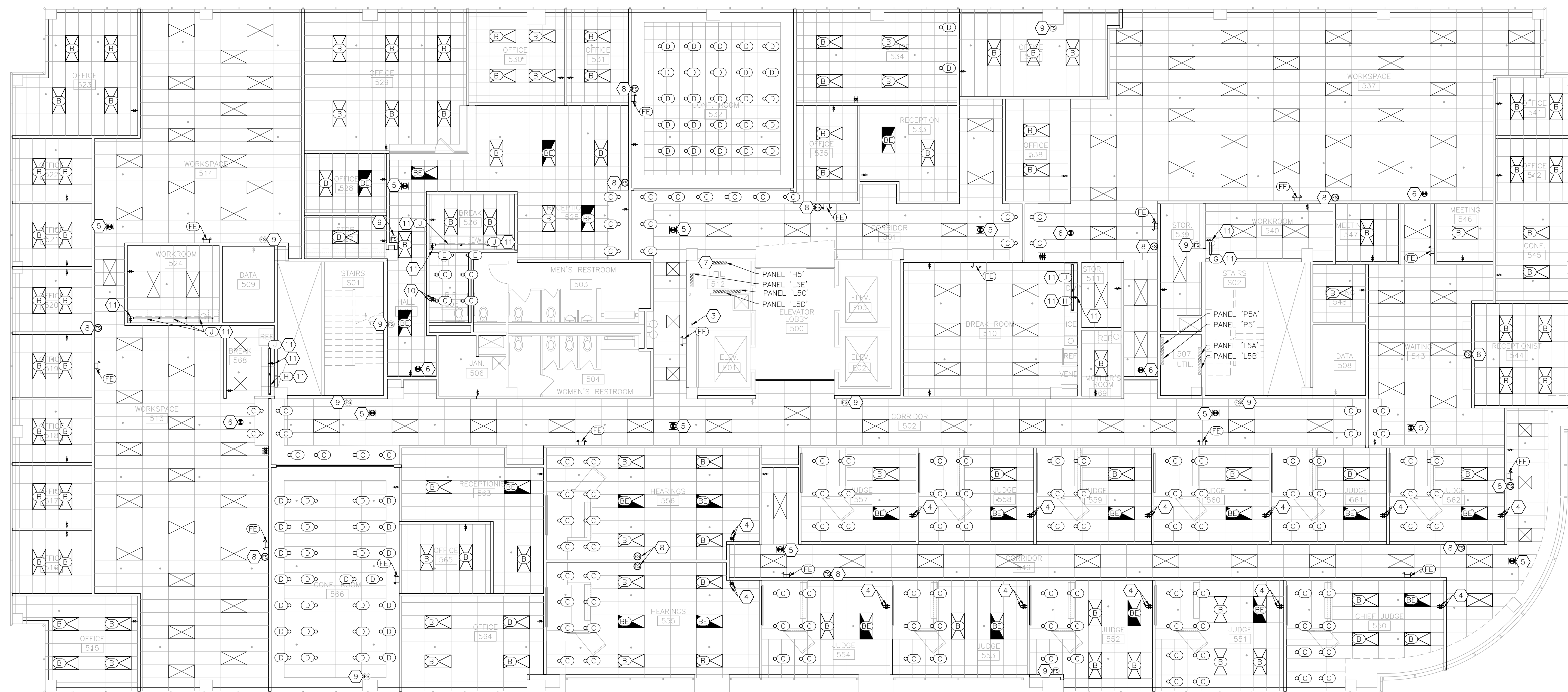
49 OF 50 SHEETS
11/7/2024

ELECTRICAL LEGEND	
	DIRECTIONAL EXIT SIGN
	NON-DIRECTIONAL EXIT SIGN
	FIRE STROBE - WALL MOUNTED - NEW
	FIRE STROBE - WALL MOUNTED - EXISTING
	WALL MOUNTED EMERGENCY LIGHT
	LIGHT FIXTURE MARK
	WALL SWITCH
	LIGHT FIXTURE - NEW
	LIGHT FIXTURE - EXISTING

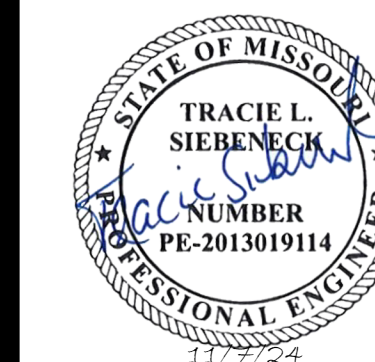
RENOVATION NOTES

INDICATES KEYED NOTES

- 1 REFER TO SHEET E-101 FOR GENERAL RENOVATION NOTES.
- 2 UNLESS OTHERWISE NOTED, INSTALL RETAINED LIGHT FIXTURES AS SHOWN.
- 3 ALL EMERGENCY EXIT SIGNS, WALL MOUNTED EMERGENCY LIGHTS AND CEILING MOUNTED EMERGENCY LIGHTS SHALL BE CIRCUITED WITH EMERGENCY SYSTEMS TEST SWITCH LOCATED WITHIN UTILITY ROOM 512.
- 4 PROVIDE AND INSTALL TWO GANG WALL SWITCH. ONE SWITCH SHALL CONTROL ALL CAN LIGHTS, THE OTHER SWITCH SHALL CONTROL ALL 2'X4' LIGHT FIXTURES.
- 5 PROVIDE AND INSTALL EMERGENCY EXIT SIGN MODEL PEALE-DREM16 OR EQUAL. ROUTE POWER TO EMERGENCY CIRCUIT ON PANEL H5 BREAKER 11.
- 6 PROVIDE AND INSTALL NON-DIRECTIONAL EMERGENCY EXIT SIGN MODEL PEALE-SREM16 OR EQUAL. ROUTE POWER TO EMERGENCY CIRCUIT ON PANEL H5 BREAKER 11. INSTALL SIGN PARALLEL TO ASSOCIATED DOOR.
- 7 PROVIDE AND INSTALL LOCK-OUT FOR BREAKER 11 ON PANEL H5. BREAKER TO BE LABELED FOR USE IN THE EMERGENCY LIGHTING SYSTEM.
- 8 PROVIDE AND INSTALL FIRE HORN STROBE, MODEL TO BE EQUAL TO EXISTING. COORDINATE WITH FIRE PROTECTION CONTRACTOR TO PERFORM ALL WORK NECESSARY TO INTEGRATE STROBE INTO EXISTING FIRE PROTECTION SYSTEM. ADJUST CANDELA SETPOINT TO BE IN COMPLIANCE WITH NFPA 72.
- 9 COORDINATE WITH FIRE PROTECTION CONTRACTOR TO ADJUST EXISTING FIRE HORN STROBE CANDELA SETPOINT TO BE IN COMPLIANCE WITH NFPA 72.
- 10 RESTROOM LIGHTING CIRCUIT SHALL BE 120 VOLT. PROVIDE TWO GANG WALL SWITCH, ONE SWITCH SHALL CONTROL CAN LIGHTS, THE OTHER SHALL CONTROL VANITY LIGHT FIXTURES. COORDINATE VANITY LIGHT FIXTURE LOCATIONS WITH GENERAL CONTRACTOR.
- 11 UNDERCABINET LIGHTING CIRCUIT SHALL BE 120 VOLT. FIXTURES TO BE CONTROLLED INDEPENDENT FROM NORMAL LIGHTING IN SPACE. COORDINATE FIXTURE INSTALLATION WITH GENERAL CONTRACTOR TO CENTER FIXTURE ASSEMBLY ON AVAILABLE CABINET SPACE.



1 ELECTRICAL LIGHTING RENOVATION PLAN - 5TH FLOOR - PHASE 5
SCALE: 1/8" = 1'-0"



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MO# PE-2013019114

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SHEET TITLE:
**ELECTRICAL
SCHEDULES
AND DETAILS**

SHEET NUMBER:

E-601

50 OF 50 SHEETS
11/7/2024

LIGHTING FIXTURE SCHEDULE							
MARK	MANUFACTURER	MODEL	DESCRIPTION	SIZE	LUMENS TYPE/CRI	WATTS VOLTAGE	NOTES
A	COLUMBIA LIGHTING	CBT22-A-LSCS	BACK-LIT LED TROFFER	2'x2'	4400 3500°K, LED/80	38 277	1
AE	COLUMBIA LIGHTING	CBT22-A-LSCS- ELL14	BACK-LIT LED TROFFER	2'x2'	4400 3500°K, LED/80	38 277	1,2
B	LITHONIA LIGHTING	2BLT4-40L-ADSM- GZ10-LP835	VOLUMETRIC RECESSED LIGHT	2'x4'	4102 3500°K, LED/82	30.5 277	1
BE	LITHONIA LIGHTING	2BLT4-40L-ADSM- GZ10-LP835- E10WLCP	VOLUMETRIC RECESSED LIGHT	2'x4'	4102 3500°K, LED/82	30.5 277	1,3
C	PRESCOLITE	LTR-4RD	ROUND DOWNLIGHT	4"Ø	1474 3500°K, LED/80	18.6 277	1,4,5
D	PRESCOLITE	LTR-6RD-H-SL15L- DM1	ROUND DOWNLIGHT	6"Ø	1712 3500°K, LED/80	18.7 120/277	1,4,6
E	ROUSSEAU	ROUSSEAU MEDIUM VANITY SCONCE	VANITY SCONCE	4.25"x9.5" BACKPLATE 1.25"Ø BULB	750 LM -	9 120	1,7
FE	COMPASS	CU2HLHO	WALL MOUNTED EMERGENCY LIGHT W/ BATTERY BACKUP	L: 12.125" W: 5.5" D: 3.475"	1300 -	5.4 277	8
G	COLUMBIA LIGHTING	CUC2-CS-ED120	UNDERCABINET LED LIGHT	2'	943 3500°K, LED	14 120	9
H	COLUMBIA LIGHTING	CUC3-CS-ED120	UNDERCABINET LED LIGHT	3'	1211 3500°K, LED	19 120	9
J	COLUMBIA LIGHTING	CUC4-CS-ED120	UNDERCABINET LED LIGHT	4'	1666 3500°K, LED	24 120	9
K	COLUMBIA LIGHTING	CBT24-A-LSCS	BACK-LIT LED TROFFER	2'x4'	4400 3500°K, LED/80	38 277	1,10
NOTES							
1	PROVIDE A LIGHT LOSS FACTOR OF AT LEAST 0.9						
2	PROVIDE ELL14 10W FACTORY INSTALLED EMERGENCY BATTERY PACK						
3	PROVIDE E10WLCP FACTORY INSTALLED EMERGENCY BATTERY PACK						
4	PROVIDE 24 INCH BAR HANGERS FOR T-BAR CEILING						
5	PROVIDE TRIM MODEL LTR-4RD-T-SL35K8XW-SSWT						
6	PROVIDE TRIM MODEL LTR-6RD-T-SL35K8MD-SSWT						
7	FINISH TO BE SELECTED BY ARCHITECT						
8	INSTALL PER MANUFACTURER INSTRUCTIONS. ARRANGE ADJUSTABLE LAMPS TO ILLUMINATE EGRESS PATH						
9	PROVIDE ALL ACCESSORIES NECESSARY TO LINK ADJACENT FIXTURES IN SERIES						
10	PROVIDE PSMK-24 SURFACE MOUNTING KIT						

DUCTLESS FUME HOOD						
MARK	MANUFACTURER	MODEL	ENCLOSURE WIDTH INTERNAL HEIGHT EXTERIOR DEPTH	VOLTAGE AMPS	DESCRIPTION	NOTES
FH-1	LABCONCO	6963301	36 INCHES 32 INCHES 29 INCHES	120 5	DUCTLESS ENCLOSURE WITH REPLACABLE 4 CARBON TYPE FILTER. CORD AND PLUG ELECTRICAL CONNECTION	1,2
NOTES						
1	PROVIDE ACID-SULFER AND ORGANIC VAPOR FILTER					
2	PROVIDE ROLL CART BASE					