

BRIGHAM YOUNG UNIVERSITY

2024 CNA OFFICE REMODEL SUITE 1041 AND SUITE 1053 COLLEGE OF HUMANITIES

JOSEPH F. SMITH BUILDING (JFSB)
WORK ORDER - K8101
WORK ORDER - N4027

GENERAL NOTES

- GENERAL CONTRACTOR SHALL TAKE NECESSARY ACTIONS TO PROTECT EXIST. WALLS, DOORS, WINDOWS, FLOORS, SIGNAGE, BELLS, ALARMS, FIRE EXTINGUISHER CABES., DRINKING FOUNTAINS, WALL-MOUNTED HEATERS, & ANY OTHER PERMANENT COMPONENTS OF THE EXIST. BUILDING TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE TO FIX, PATCH, REPAIR AND/OR REPLACE ANY & ALL EXISTING ITEMS WHICH ARE DAMAGED DURING CONSTRUCTION
- GENERAL CONTRACTOR SHALL TAKE NECESSARY ACTIONS TO PROTECT ALL EXIST. FIRE SPRINKLER PIPING! DO NOT PLACE OR POSITION ANYTHING OF ANY KIND OR ANYONE ON, AGAINST OR HANGING FROM EXIST. PIPING
- IMMEDIATELY FOLLOWING DEMOLITION OF EXIST. WALLS, FLOORS & CEILINGS CONTRACTOR SHALL EVALUATE EXIST. CONDITIONS TO IDENTIFY ANY AND ALL CONFLICTS W/ NEW LAYOUTS/PLANS. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF CONFLICTS ARE DISCOVERED
- CONTRACTOR SHALL BE AWARE THAT OWNER WILL OCCUPY PORTIONS OF BUILDING DURING CONSTRUCTION
- CONTRACTOR SHALL PROVIDE TEMP. LIGHTING AS NECESSARY DURING CONSTRUCTION

WORK BY OTHERS (NIC)

- OWNER SHALL REMOVE/STORE EXIST. FURNITURE, FLAT-PANEL DISPLAYS, SPEAKERS, SECURITY CAMERAS & ASSOC. CABLING, EQUIPMENT & WALL-HUNG ITEMS PRIOR TO DEMOLITION. OWNER SHALL REINSTALL THESE ITEMS FOLLOWING CONSTRUCTION.



FACILITIES PLANNING
240 BRWB PROVO, UTAH 84602
PHONE: (801) 422-5504
FAX: (801) 422-0565

DATE: FEB. 29, 2024
DESIGNER: S. McCLELLAN
DRAWN BY: SM

ADA CHECK: JF
CODE CHECK: KAW
UTILITIES DIR:
STRUCTURAL:
PLANNING DIR:

CLIENT APPROVAL DATE
Sherami Jara Feb. 26, 2024
Sam Prestwich Feb. 26, 2024

REVISIONS

ABBREVIATIONS

&	And	FIN.	Finish
@	Angle	FLR.	Floor
DIA.	At Centerline	FLUOR.	Fluorescent
SQFT.	Diameter or Round	FURN.	Furnish, Furnished
#	Square Feet	GA.	Gauge
(E)	Perpendicular	GYP.	Gypsum
AC.	Pound, Number	HDWD.	Hardwood
ACC.	Existing	HDWR.	Hardware
ACOUS.	Air Conditioning	HORIZ.	Horizontal
ADD.	Access	HT.	Height
ADD'L.	Acoustical	HVAC	Heating Ventilating & A/C
A.F.F.	Addendum	INSUL.	Insulation
ALUM.	Additional	L.	Length
ALT.	Above Finished Floor	MATL.	Material
APPROX.	Aluminum	MAX.	Maximum
ARCH.	Alternate	MECH.	Mechanical
AVG.	Approximate	MANUF.	Manufacturer
BD.	Architect(ural)	MIR.	Mirror
BET.	Average	MISC.	Miscellaneous
BF.	Board	MTL.	Metal, Material
BITUM.	Between	N.I.C.	Not In Contract
BLDG.	Board Feet	N.T.S.	Not To Scale
CAB.	Bituminous	ON C.	On Center(s)
CHAM.	Building	OPNG.	Opening
Q	Blocking	OPP.	Opposite
CLG.	Cabinet	O.T.S.	Open To Structure
CLR.	Chamfer	P-LAM.	Plastic Laminate
CMU	Centerline	PLBG.	Plumbing
COL.	Ceiling	PLYWD.	PLYWOOD
CONG.	Clearance	PREFAB.	Prefabricate
CONSTR.	Concrete Masonry Unit	PREFIN.	Prefinished
CONT.	Column	P.S.F.	Pounds per Square Foot
CONTR.	Concrete	P.S.I.	Pounds per Square Inch
DBL.	Continuous	QTY.	Quantity
DEMO.	Contractor	RAD.	Radius
DIA.	Double	REQD.	Required
DIM.	Demolish, Demolition	RESIL.	Resilient
DN.	Diameter	SPECS.	Specifications
DR.	Dimension	SQ.	Square
DET.	Down	S.S.	Stainless Steel
DWG.	Door	STD.	Standard
EA.	Detail	STL.	Steel
ELEC.	Drawing	TYP.	Typical
ELEV.	Each	T.O.	Top of
EQ.	Electrical(al)	VAT.	Vinyl Asbestos Tile
EQUIP.	Elevation	VCT.	Vinyl Composition Tile
EST.	Equal	VERT.	Vertical
EXIST.	Equipment	W/O	Without
	Estimate	SCHED.	Schedule
	Existing	SIM.	Similar

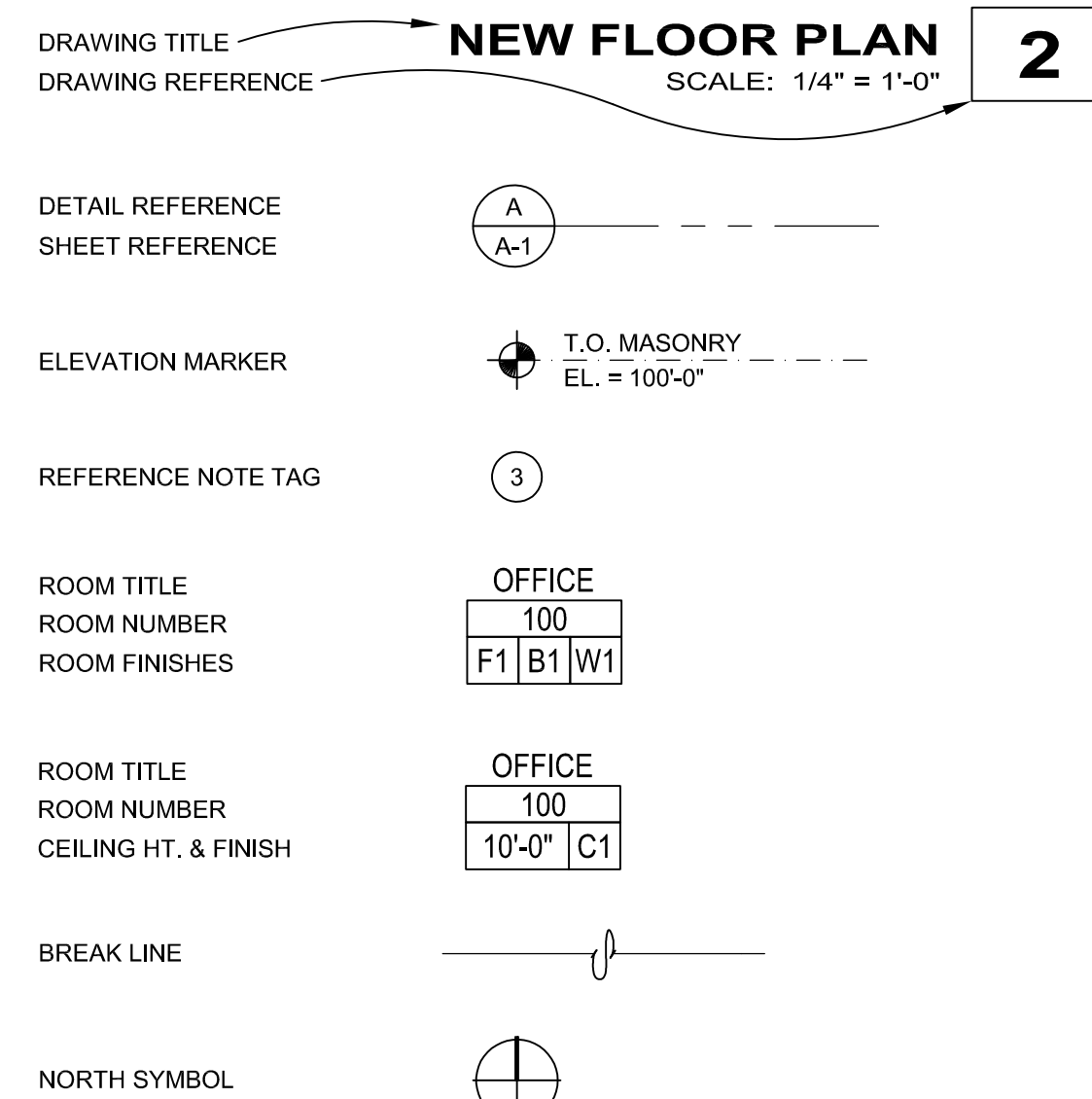
NOTE: SEE OTHER CONSULTANT DRAWINGS FOR ADDITIONAL ABBREVIATION INFORMATION

APPROVALS

Ole M. Smith, Assistant Administrative Vice Pres. – Physical Facilities

David Decker, Managing Director – Physical Facilities Planning Department

SYMBOLS LEGEND



CODE COMPLIANCE (NO CHANGE IN USE OR OCCUPANCY)

THIS PROJECT SHALL BE INSTALLED ACCORDING TO THE LATEST EDITION OF THE FOLLOWING STANDARDS AND AMENDMENTS TO THEM AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION.

- 2021 IEBC (International Existing Building Code)
- 2021 IBC (International Building Code)
- 2021 IFC (International Fire Code)
- 2020 NEC (National Electrical Code)
- 2021 IECC (International Energy Conservation Code)
- 2021 IFGC (International Fuel Gas Code)
- NEMA (National Electrical Manufacturer's Assoc.)
- 2021 IMC (International Mechanical Code)
- 2021 IPC (International Plumbing Code)
- 1997 Uniform Code for Building Conservation
- NFPA (National Fire Protection Association)
- UL (Underwriters Laboratories, Inc.)
- State and Local Building Authority and Codes
- 2009 - Accessible and Usable Buildings and Facilities - IOC A117.1

OCCUPANCY CLASS:	Section 305	Exist. Group: B	New Group: B
USE:		UNCHANGED	
CONSTRUCTION TYPE:	Section 601	Exist. Type: IIA	New Type: IIA
IEBC ALTERNATION LEVEL:	2		
OCCUPANT LOAD (Work Level):		UNCHANGED	
BUILDING ROOF SQ. FT.	317,552 SQ. FT.		
1 LEVEL AREA SQ. FT.	94,165 SQ. FT.		
PROJECT WORK AREA SQ. FT.	5,620 SQ. FT.		
FIRE PROTECTION:	Section 903	Fully Sprinkled	
EGRESS:		UNCHANGED	
REQUIRED PLBG FIXTURES:		UNCHANGED	

DRAWING INDEX

GENERAL

A0.0 COVER SHEET & GENERAL INFORMATION

ARCHITECTURAL PLANS

- A0.1 - K8101 - MAIN FLOOR EGRESS PLAN
- A0.2 - K8101 - NOT IN CONTRACT COORDINATION LIST
- A1.1 - K8101 - DEMOLITION AND MAIN FLOOR PLAN
- A1.2 - K8101 - NEW WALL HEIGHT PLAN & UPPER WINDOW PLAN
- A2.1 - K8101 - DEMOLITION AND NEW REFLECTED CEILING PLAN
- A2.2 - K8101 - NEW CEILING DETAILS
- A3.1 - K8101 - DOOR SCHEDULE AND DOOR AND WINDOW TYPES
- A3.2 - K8101 - DOOR AND WINDOW DETAILS
- A4.1 - K8101 - INTERIOR BUILDING SECTION
- A5.0 - K8101 - FURNISHINGS AND CARPET FLOOR PLANS
- A5.1 - K8101 - RECEPTION, CONFERENCE, AND BREAK ROOM
- A5.2 - K8101 - INTERIOR OFFICE ELEVATIONS
- A5.3 - K8101 - INTERIOR OFFICE ELEVATIONS
- A5.4 - K8101 - INTERIOR OFFICE ELEVATIONS
- A5.5 - K8101 - INTERIOR CABINET DETAILS

MECHANICAL, PLUMBING, AND FIRE PLANS

- M0.1 - K8101 - MECHANICAL DETAILS AND SCHEDULES
- M1.1 - K8101 - MECHANICAL DEMOLITION PLAN & REMODEL ZONE PLAN
- M2.1 - K8101 - NEW MECHANICAL REMODEL UNDER FLOOR PLAN - NEW MECHANICAL REMODEL OVERHEAD PLAN
- P1.1 - K8101 - PLUMBING DEMOLITION PLAN AND NEW PLUMBING PLAN
- F1.1 - K8101 - NEW FIRE PROTECTION REMODEL PLAN

ELECTRICAL PLANS

- E1.0 - K8101 - ELECTRICAL DEMOLITION POWER & NEW POWER PLANS
- E1.1 - K8101 - ELECTRICAL DEMOLITION LIGHTING & NEW LIGHTING PLANS
- E5.0 - K8101 - ELECTRICAL DIAGRAMS, NOTES, AND SYMBOLS
- E5.1 - K8101 - ELECTRICAL DETAILS AND SCHEDULES

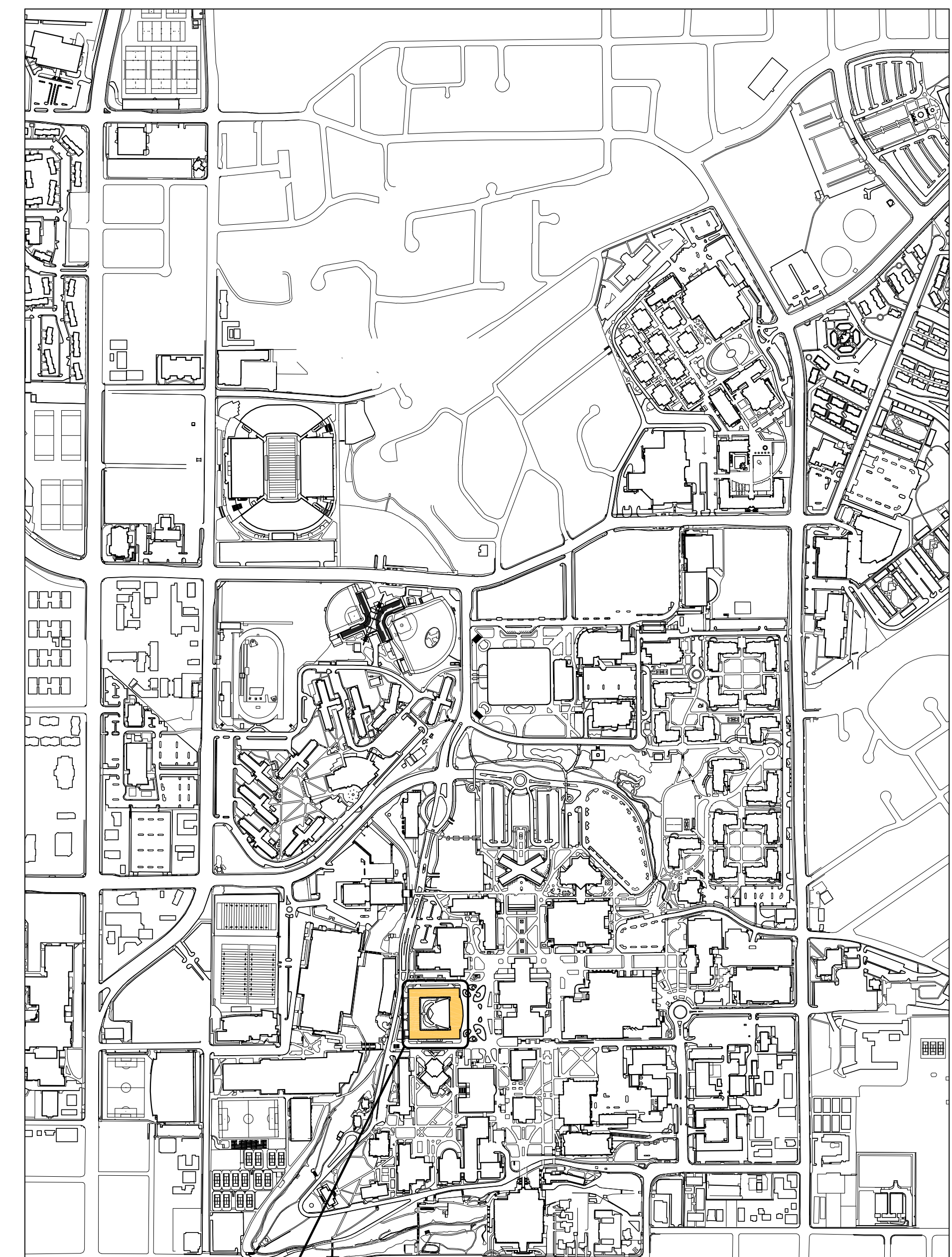
OIT PLANS

- OIT-1 - K8101 - DEMOLITION AND NEW DATA FLOOR PLANS

FURNITURE PLANS

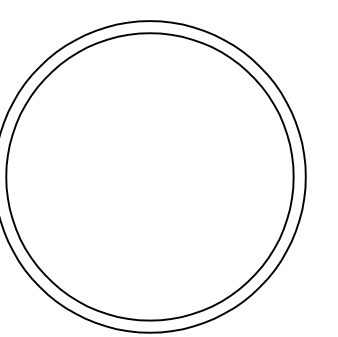
- F1 - K8101 - FURNITURE DEMOLITION AND NEW FURNITURE PLANS

CAMPUS PROJECT LOCATION



PROJECT LOCATION
JOSEPH F. SMITH BLDG

BRIGHAM YOUNG UNIVERSITY
2024 CNA REMODEL OFFICE SUITE 1041 AND SUITE 1053
COLLEGE OF HUMANITIES
JOSEPH F. SMITH BUILDING (JFSB) LEVEL 1



COVER SHEET

WORK ORDER & SHEET NO.

K8101
A0.0

CONSTRUCTION DOCUMENTS

REFERENCE NOTES



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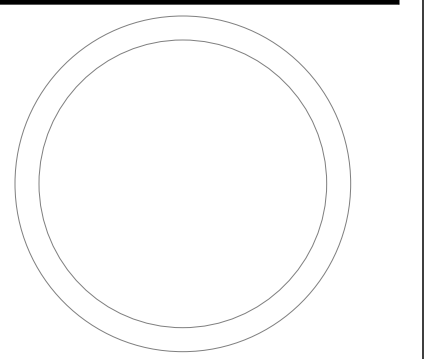
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DESIGNER: S. McCLELLAN
DRAWN BY: MDL

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CODE CHECK: _____
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CLIENT APPROVAL _____ DATE _____

REVISIONS

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UNIVERSITY
REMODEL OFFICE SUITE 1041 AND SUITE 1053
COLLEGE OF HUMANITIES
JOSEPH F. SMITH BUILDING (JFSB) - LEVEL 1

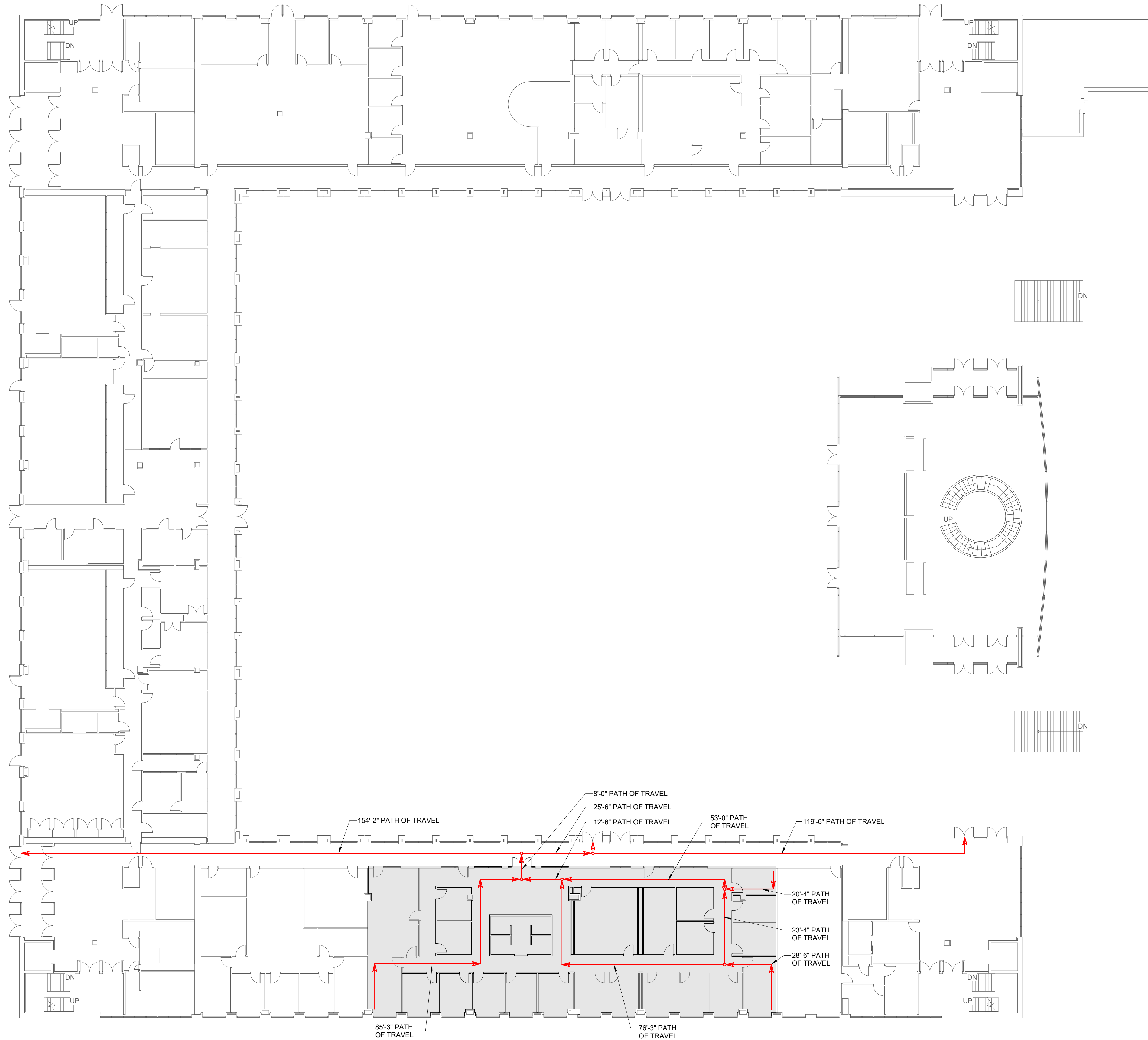


MAIN FLOOR
EGRESS PLAN

WORK ORDER & SHEET NO.

K8101
A0.1

CONSTRUCTION DOCUMENTS



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Not-In-Contract (NIC) Coordination List	Furnished by BYU	Installed by BYU / BYU Vendor	Installed by General Contractor	Furnished by General Contractor	Notes
All Design Fees	x				
All Printing Costs (Use established BYU printing contract)	x				
Plan Check, Demolition Permit, Grading Permit, Building Permit, Sign Permit, Engineering Permit, Connection, and Impact Fees	x				
Street and Sidewalk Closure Permit, Haul Route Permit, etc.				x	
Payment, Performance, and Materials Bonds				x	
Asbestos and Hazardous Materials Abatement	x				
Testing and Special Inspection Fees	x				
Testing and Special Inspection Scheduling				x	
Site Surveys (ALTA, topographical, etc.)	x				
Construction Surveys (building staking, site improvement and utility layout, etc.)				x	
Geotechnical Reports	x				
Site Work					
Pavement Markings	x	x			
Site Furnishings	x	x			
Dumpsters and Recycle Bins	x	x			
General					
Signage - interior and exterior	x	x			
Door Hardware			x	x	
Removeable Core Cylinders and Keying	x	x			
Wireless Card Readers	x	x			
Fixed Dock Equipment (dock leveler, bumpers, etc.)			x	x	
Portable Dock Equipment (manlifts, dollies, etc.)	x	x			
Equipment Hoist Beams			x	x	
Hoists or Trolleys (power and rough electrical In Contract)	x	x			
Vending Machines, Microwaves	x	x			
Fire Extinguisher Cabinets and Extinguishers	x		x	x	
AED (Defibrillator) Unit wiring and connection to police dispatch notification system	x	x			Connections made by Access Services
DT					
Podiums, Equipment Cabinets, with mounting hardware, etc. (power and rough electrical In Contract)	x	x			
Audio / Sound Reinforcement with mounting hardware, etc. (power and rough electrical In Contract)	x	x			
Projectors (power and rough electrical for controls In Contract)	x	x			
Projection Screens (power and rough electrical for controls In Contract)	x		x		
Projection Screen Boxes, ceiling-recessed			x	x	
Flat Panel Displays and Digital Signage with mounting hardware (backing, power and rough electrical In Contract)	x	x			
CCTV Cameras with mounting hardware (power and rough electrical In Contract)	x	x			
Smart Boards and Interactive Marker Boards with mounting hardware (power and rough electrical In Contract)	x	x			
Building Directory (power, data, and rough electrical In Contract)	x	x			
All AV systems (power and rough electrical In Contract)	x	x			
All Data Pathways, Termination Boxes, Cabling, Terminations to Wall Plates and Patch Panels, Warranty			x	x	
All Data Racks			x	x	
All Cable Tray			x	x	
Cable Pass Systems complete, Terminations, Wall Racks, Cable Hangers, Wall Plugs, Intumescent bags (1 per cable pass penetration)			x	x	
Wireless Access Points (Power and Data in Contract)	x	x			
Time Clocks - Student Employee Type (power, data, and rough electrical In Contract)	x	x			
Time Clocks - Battery Powered Type			x	x	These should be in the BYU standard specification. Primex brand.
Time Clocks - Hard-wired to Bell System Type			x	x	These should be in the BYU standard specification.
800MHz Radio Reinforcement	x	x			
Building Care					
Cleaning Agent Dispenser (In Contract: 1/2" cold water supply, pressure reducing valve, spill-proof vacuum breaker, ball valve, testing report, and electrical outlet)	x	x			Dispenser and power outlet to be +60" above mop sink. SPV model: Wilkins 460 XL by Zurn. Engineer of record to provide installation detail.
Rest Room Mirrors			x	x	
Sanitary Napkin Disposals (Include in all single use restrooms.)	x		x		
Toilet Paper Dispensers	x		x		
Paper Towel Dispensers	x		x		
Liquid Soap Dispensers	x		x		
Diaper Changing Stations	x		x		
Shower Curtains (Shower rods in Contract)	x		x		
Mop Racks and Hangers	x		x		
Interiors					
KV type adjustable shelving			x	x	
Marker boards / Tack boards			x	x	
Window Treatments - Blinds & Shades (including power and rough electrical for motorized blinds)			x	x	
Systems Furniture in Offices, etc.	x	x			
Movable Furniture and Seating	x	x			
Fixed Seating in Auditorium and Meeting Rooms	x	x			
Carpet and Carpet Base, LVT, Rubber Base	x	x			
Display Cases (directory type, wall blocking In Contract)	x	x			
Acoustical Curtains, Banners, Tracks, Motors, Wiring, Controls, etc.			x	x	
Appliances	x	x			
Systems					
Mechanical Controls Hardware (both system and terminal units) by Atkinson or Johnson Controls	x		x		
Mechanical Controls Raceway			x	x	
Mechanical Controls Programming (Software - both system and terminal units) by Atkinson or Johnson Controls	x	x			
High Temperature Hot Water Control Valves	x		x		
High Temperature Controls (panels and sensors)	x	x			
BTU Meters (unless Questar service)	x		x		
BTU Metering (panels and sensors)	x	x			
BTU Metering (wetted taps)	x		x		
Emergency Generator			x	x	
Dust Collection Systems and Dust Collection Ductwork and Fittings			x	x	
Air Compressors and plumbing of air lines / terminations / couplings / hose reels			x	x	
Project Specific					
Moving Existing Equipment	x				

Revision Date: 4-22-22

REFERENCE NOTES



FACILITIES PLANNING
 240 BRWB PROVO, UTAH 84602
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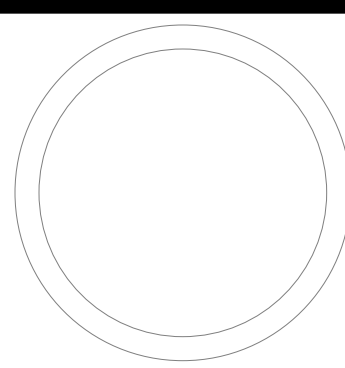
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 UTILITIES DIR: _____
 PLANNING DIR: _____

CLIENT APPROVAL _____ DATE _____

REVISIONS

BRIGHAM YOUNG UNIVERSITY
 REMODEL OFFICE SUITE 1041 AND SUITE 1053
 COLLEGE OF HUMANITIES
 JOSEPH F. SMITH BUILDING (JFSB) - LEVEL 1



NOT IN CONTRACT

WORK ORDER & SHEET NO.

K8101
A0.2

CONSTRUCTION DOCUMENTS



FACILITIES PLANNING
 240 BRWB PROVO, UTAH 84602
 PHONE: (801) 422-5504
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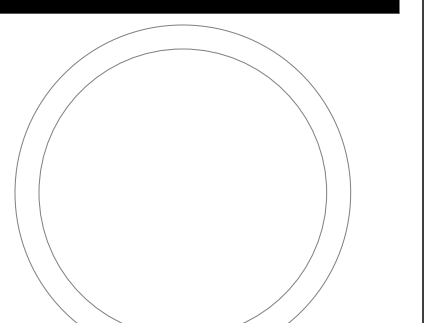
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ADA CHECK:
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CLIENT APPROVAL DATE

REVISIONS

BRIGHAM YOUNG
 UNIVERSITY
 REMODEL OFFICE SUITE 1041 AND SUITE 1053
 COLLEGE OF HUMANITIES
 JOSEPH F. SMITH BUILDING (JFSB) - LEVEL 1



DEMOLITION AND
 NEW FLOOR PLANS

WORK ORDER & SHEET NO.

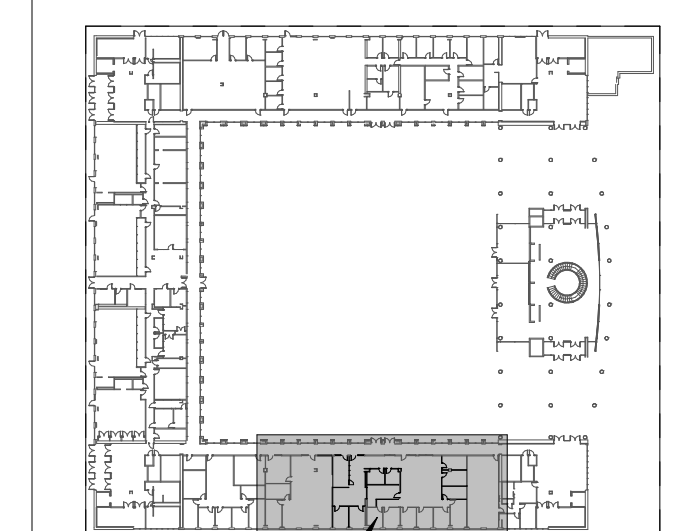
**K8101
 A1.1**

CONSTRUCTION DOCUMENTS

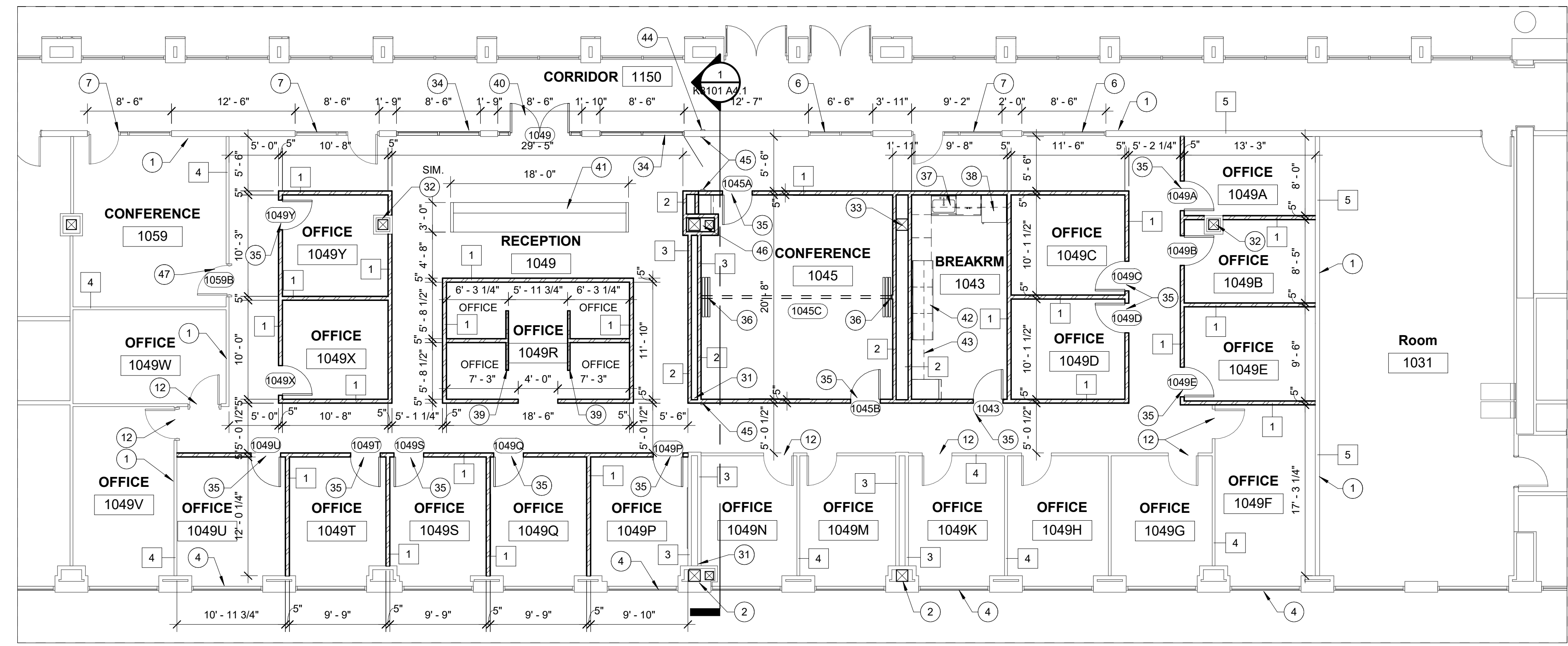
REFERENCE NOTES

- EXISTING CONSTRUCTION TO REMAIN. PATCH AND REPAIR AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION
- EXISTING STRUCTURAL COLUMNS TO REMAIN
- EXISTING STRUCTURAL MOMENT FRAME TO REMAIN - SEE BUILDING SECTION
- EXISTING EXTERIOR ALUM WINDOWS AND BLINDS TO REMAIN
- EXISTING SOLID SURFACE WINDOW SILLS TO REMAIN. COVER AND PROTECT AS REQUIRED
- EXISTING INTERIOR WINDOW SYSTEM TO REMAIN. COVER AND PROTECT AS REQUIRED
- EXISTING HARDWOOD DOOR, METAL FRAME AND GLAZING TO REMAIN. COVER AND PROTECT AS REQUIRED
- EXISTING DISPLAY CASE TO REMAIN
- EXISTING FIRE EXTINGUISHER CABINET TO REMAIN
- EXISTING DISPLAY CASE TO BE REMOVED
- EXISTING HARDWOOD DOOR, METAL FRAME, AND DOOR HARDWARE TO BE REMOVED
- EXISTING HARDWOOD DOOR, FRAME, AND HARDWARE TO REMAIN
- EXISTING HARDWOOD DOOR, METAL FRAME, AND GLAZING SYSTEM TO BE REMOVED
- EXISTING MARKER BOARDS AND BLACK BOARDS TO BE REMOVED AND STORED FOR FUTURE USE
- EXISTING WALL MOUNTED T.V. MONITOR TO BE REMOVED
- EXISTING CORRIDOR FLOORING TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION
- EXISTING DECORATIVE WALL HANGING TO BE REMOVED, INCLUDING ELECTRICAL HOOKUPS
- EXISTING MARKER BOARDS TO REMAIN
- EXISTING CABINETS TO BE REMOVED BY CONTRACTOR
- EXISTING OFFICE FURNITURE TO BE REMOVED BY BYU
- EXISTING WALL MOUNTED SHELVING TO BE REMOVED BY CONTRACTOR
- EXISTING PREFABRICATED paneled WALL SYSTEM TO BE COMPLETELY REMOVED, INCLUDING ALL CONNECTIONS DEVICES
- EXISTING PREFABRICATED paneled WALL SYSTEM TO REMAIN. PATCH, REPAIR, AND PROTECT AS REQUIRED
- EXISTING PLUMBING FIXTURES TO BE REMOVED - SEE PLUMBING SHEETS
- EXISTING DRYWALL AND METAL STUD FRAMING TO BE REMOVED INCLUDING ALL ELECTRICAL CONNECTIONS
- EXISTING GLASS WALL AND PANEL STRUCTURE TO BE COMPLETELY REMOVED
- EXISTING FLOOR CARPET TO REMAIN - COVER AND PROTECT DURING CONSTRUCTION
- EXISTING FLOOR CARPET TO BE REMOVED
- EXISTING FRIDGE AND MICROWAVE TO BE REMOVED BY BYU
- EXISTING BUILDING EXPANSION JOINT COVERS TO BE REMOVED
- EXISTING STEEL STRUCTURAL BRACE FRAME TO REMAIN - SEE DETAIL 1/A4.1
- EXISTING STEEL STRUCTURAL COLUMN - SEE DETAIL 9/A3.2
- EXISTING STEEL STRUCTURAL COLUMN - SEE DETAIL 10/A3.2
- NEW METAL WINDOW FRAME AND GLAZING - SEE WINDOW TYPES AND SPECS
- NEW HARDWOOD DOOR, METAL FRAME, WINDOW GLAZING, AND NEW HARDWARE - SEE DOOR SCHEDULE AND SPECS
- NEW FOLDING PARTITION TO BE INSTALLED - SEE DOOR SCHEDULE AND SPECS
- NEW PLUMBING FIXTURES - SEE PLUMBING SHEETS AND SPECS
- NEW FRIDGE AND MIROWAVE TO BE INSTALLED BY BYU
- NEW CUBICAL OFFICE FURNITURE WALL STRUCTURES - SEE FURNITURE PLANS AND DETAIL 5/A3.2
- NEW GLASS DOOR WITH HARDWOOD, METAL FRAME, AND NEW HARDWARE - SEE DOOR SCHEDULE AND SPECS
- NEW RECEPTION DESK - SEE FURNITURE PLANS. NEW WRITING SHELF TO BE SOLID SURFACE COUNTER TOP - SEE SPECS
- NEW CABINETS TO BE INSTALLED AS SHOWN (ALL CABINET DRAWERS AND DOORS TO BE LOCKABLE) - SEE SPECS (COLORS AND STYLE AS SELECTED BY ARCHITECT)
- NEW COPIER SPACE - SEE FLOOR PLAN
- EXISTING EXPANSION JOINT COVER TO REMAIN
- NEW BUILDING EXPANSION JOINT COVERS TO BE INSTALLED - SEE SPECS
- EXISTING STEEL STRUCTURAL COLUMN - SEE DETAIL 11/A3.2
- EXISTING WOOD DOOR AND METAL FRAME TO REMAIN. EXISTING DOOR LOCKSET AND HANDLE TO BE REMOVED AND PLACED WITH A COVER PLATE - SEE DOOR SCHEDULE
- EXISTING HARDWOOD CORNER GUARDS TO BE REMOVED

LOCATION PLAN

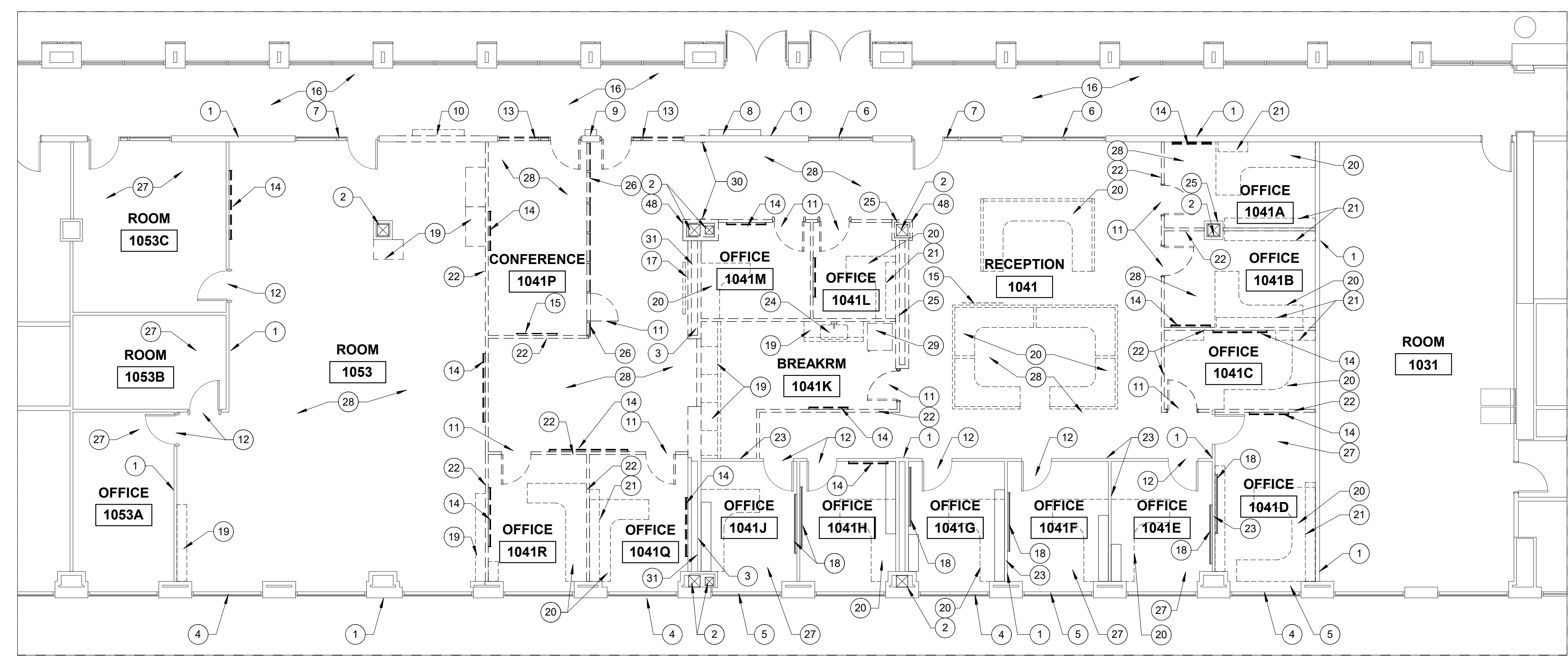


PROJECT WORK AREA
 JFSB - LEVEL 1

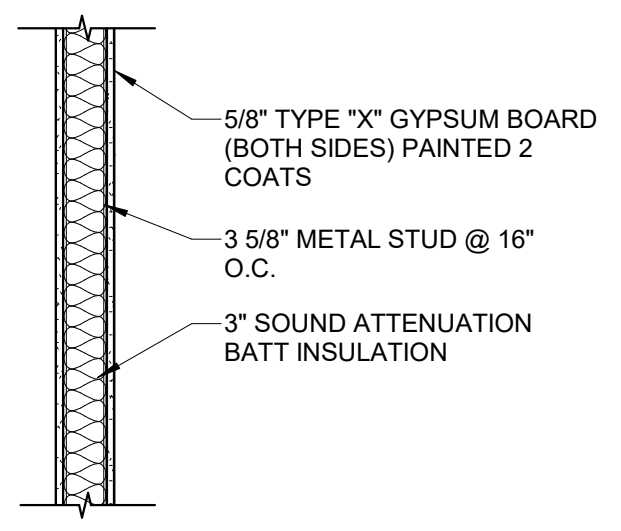


GENERAL NOTE:
 SEE SHEET A1.2 FOR THE
 NEW WALL HEIGHT PLAN

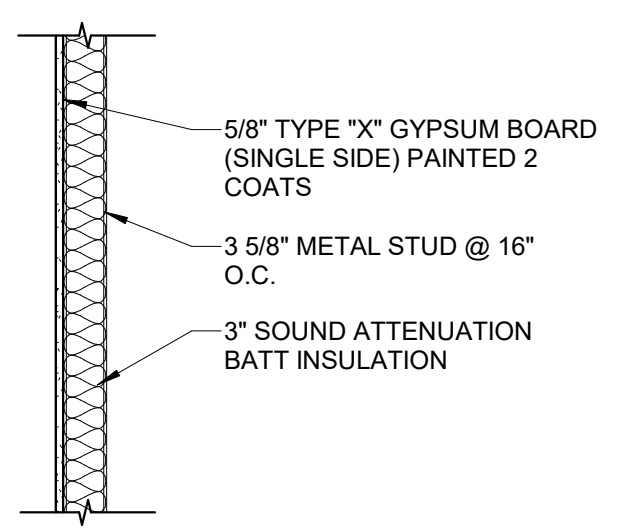
K8101 NEW FLOOR PLAN
 SCALE: 1/8" = 1'-0" **2**



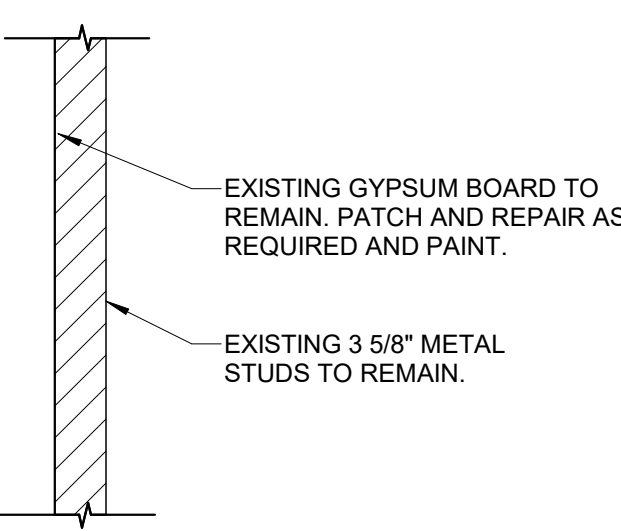
K8101 DEMOLITION FLOOR PLAN
 SCALE: 1/8" = 1'-0" **1**



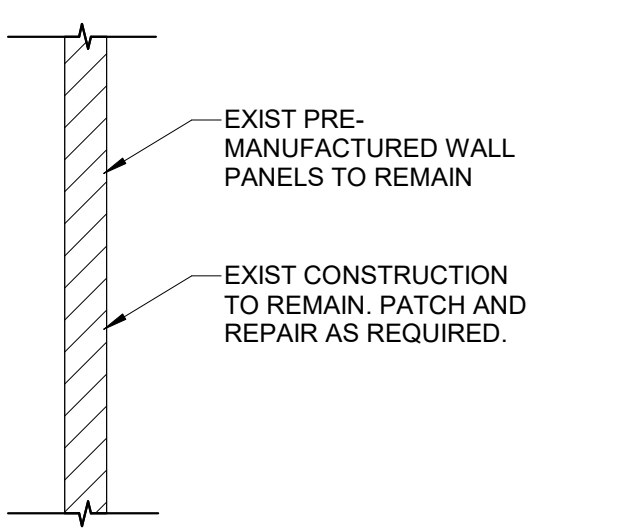
NEW WALL TYPE #1
 SCALE: 3/4" = 1'-0" **3**



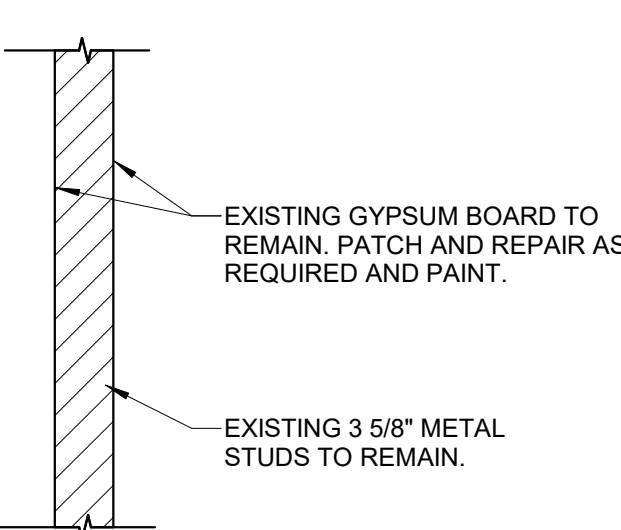
NEW WALL TYPE #2
 SCALE: 3/4" = 1'-0" **4**



EXISTING WALL TYPE #3
 SCALE: 3/4" = 1'-0" **5**

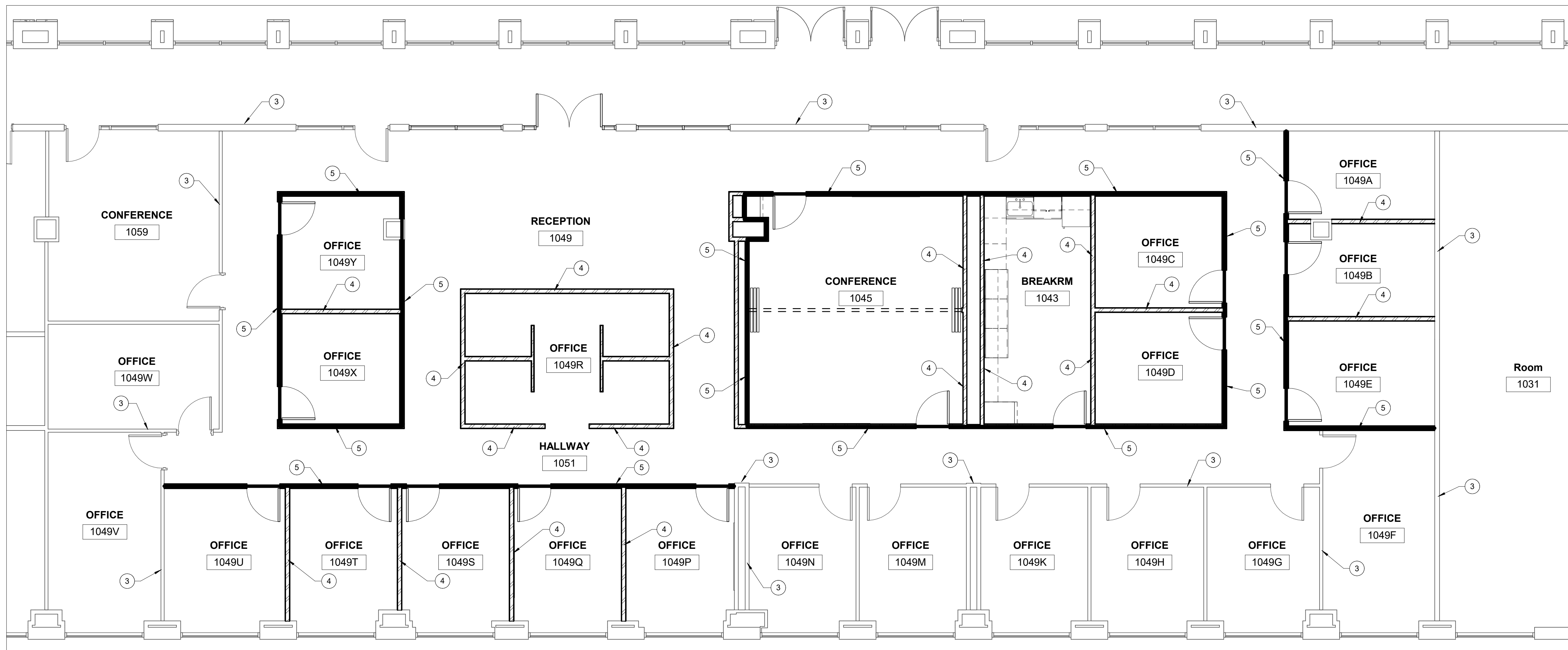


EXISTING WALL TYPE #4
 SCALE: 3/4" = 1'-0" **6**

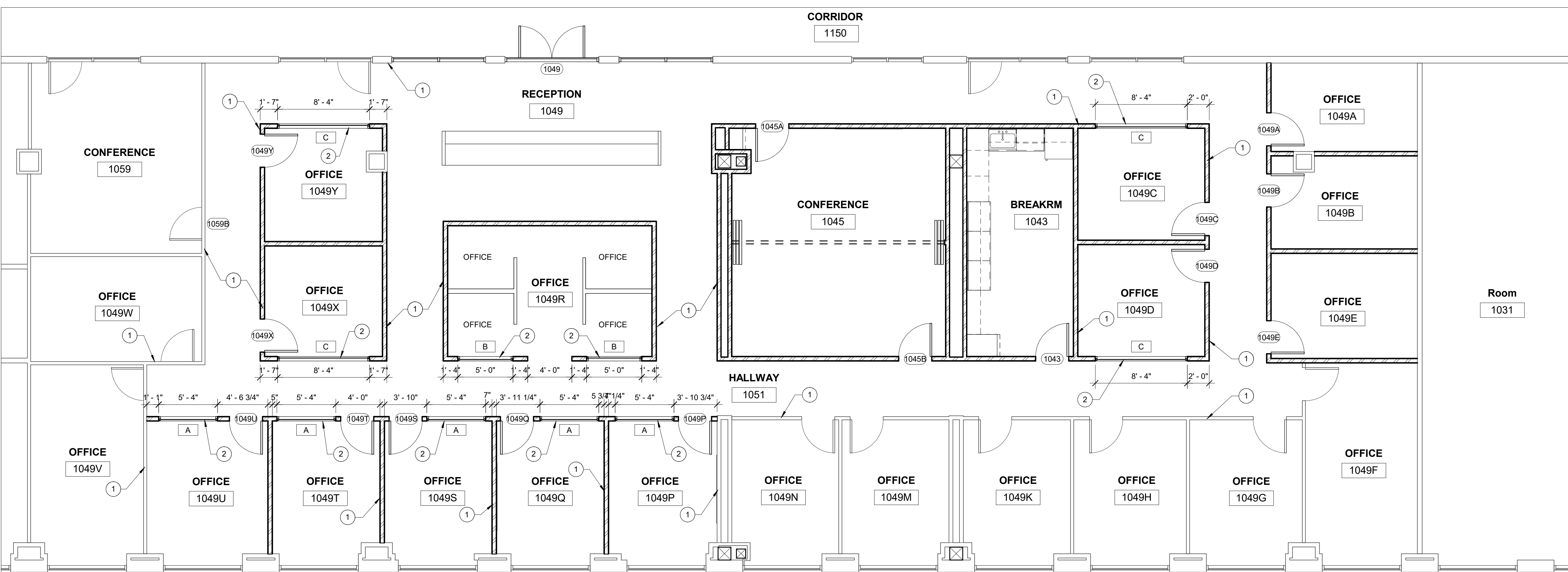


EXISTING WALL TYPE #5
 SCALE: 3/4" = 1'-0" **7**

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K8101 NEW WALL HEIGHT FLOOR PLAN 2
SCALE: 3/16" = 1'-0"



K8101 UPPER WINDOWS PLAN 1
SCALE: 3/16" = 1'-0"

REFERENCE NOTES

- 1 NEW AND EXISTING WALL CONSTRUCTION - SEE NEW FLOOR PLAN ON SHEET A1.1
- 2 NEW WINDOW WITH METAL FRAME - SEE WINDOW TYPES
- 3 EXISTING CONSTRUCTION TO REMAIN. PATCH AND REPAIR AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION
- 4 NEW WALL CONSTRUCTION TO HAVE SOUND INSULATION AND TO EXTEND 6" ABOVE THE CEILING
- 5 NEW WALL CONSTRUCTION TO HAVE SOUND INSULATION AND TO EXTEND TO THE FLOOR DECK ABOVE - ALL PENETRATIONS TO BE CAULKED AND SEALED



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DATE: FEB. 29, 2024
DESIGNER: S. McLELLAN
DRAWN BY: MDL

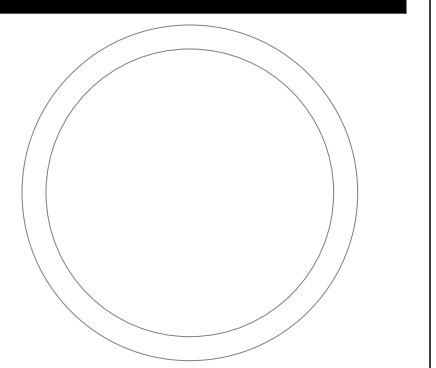
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WINDOW PLAN AND WALL HEIGHT FLOOR PLAN

WORK ORDER & SHEET NO.

K8101 A1.2

CONSTRUCTION DOCUMENTS



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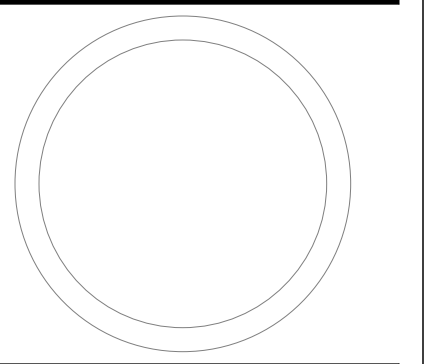
DATE: FEB. 29, 2024
 DESIGNER: S. McCLELLAN
 DRAWN BY: CJW/MDL

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DEMOLITION AND
 NEW CEILING PLAN

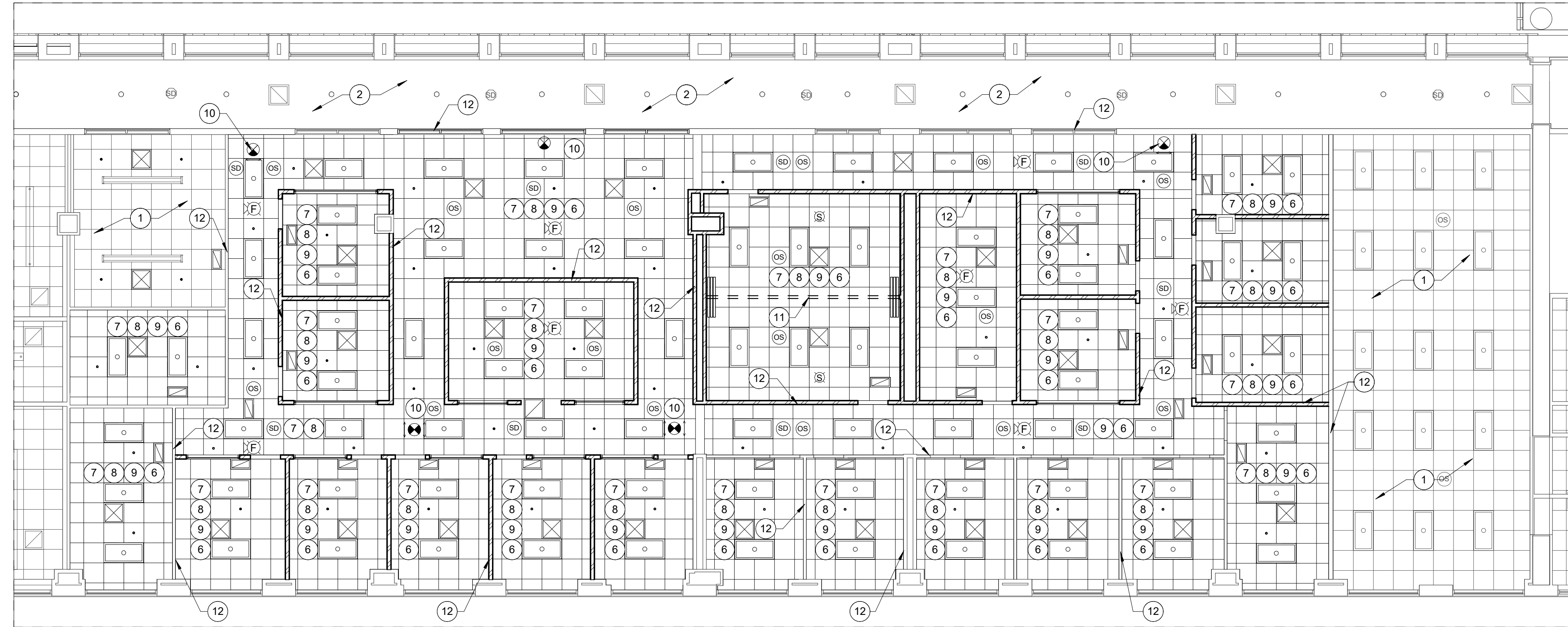
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**K8101
 A2.1**

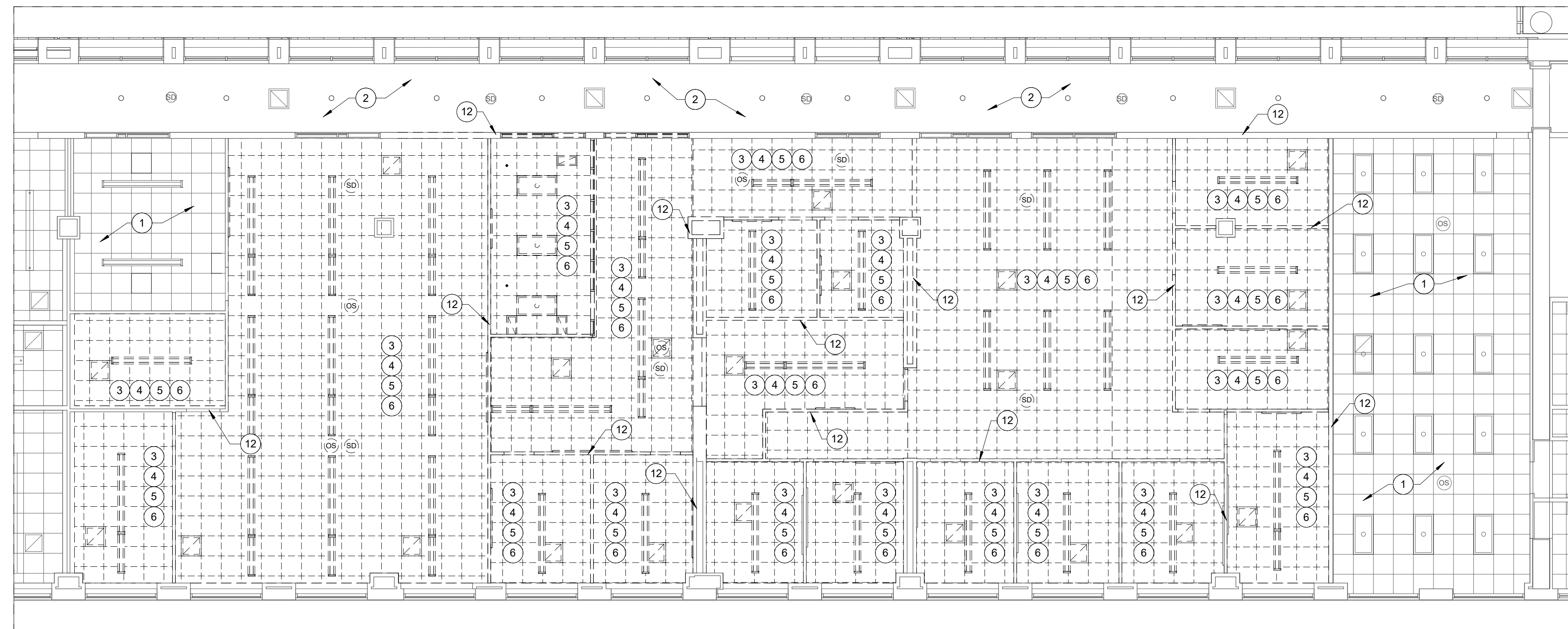
CONSTRUCTION DOCUMENTS

REFERENCE NOTES

- 1 EXISTING 24"x 24" CEILING TILES, GRID, AND CEILING STRUCTURE, LIGHTS, DIFFUSERS TO REMAIN
- 2 EXISTING GYPSUM BOARD CEILING, LIGHTS, DIFFUSERS, AND SENSORS TO REMAIN
- 3 EXISTING 24"x 24" CEILING TILES, GRID, AND CEILING STRUCTURE TO BE REMOVED
- 4 EXISTING LIGHT FIXTURES TO BE REMOVED - SEE ELECTRICAL SHEETS
- 5 EXISTING MECHANICAL DIFFUSERS TO BE REMOVED - SEE MECHANICAL SHEETS
- 6 EXISTING FIRE SPRINKLER HEADS TO BE REMOVED AND RELOCATED AS PER THE FIRE PROTECTION PLAN
- 7 NEW 24"x 24" CEILING TILES WITH NEW GRID CEILING - SEE DETAILS AND SPECS
- 8 NEW LED LIGHT FIXTURES - SEE ELECTRICAL SHEETS AND SPECS
- 9 NEW MECHANICAL DIFFUSERS - SEE MECHANICAL SHEETS AND SPECS
- 10 NEW EXIT SIGNS - SEE ELECTRICAL SHEETS AND SPECS
- 11 NEW FOLDING PARTITION - SEE SPECS AND DOOR SCHEDULE
- 12 NEW AND EXISTING WALL CONSTRUCTION - SEE NEW FLOOR PLAN ON SHEET A1.1



K8101 NEW CEILING PLAN **2**
 SCALE: 1/8" = 1'-0"



K8101 DEMOLITION CEILING PLAN **1**
 SCALE: 1/8" = 1'-0"



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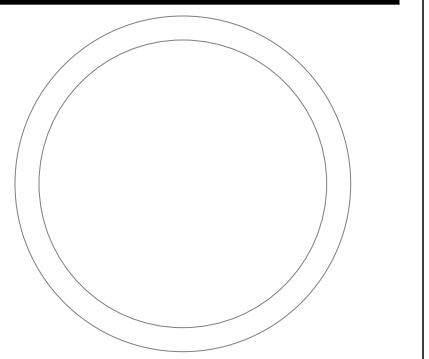
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CEILING DETAILS

WORK ORDER & SHEET NO.

**K8101
A2.2**

CONSTRUCTION DOCUMENTS

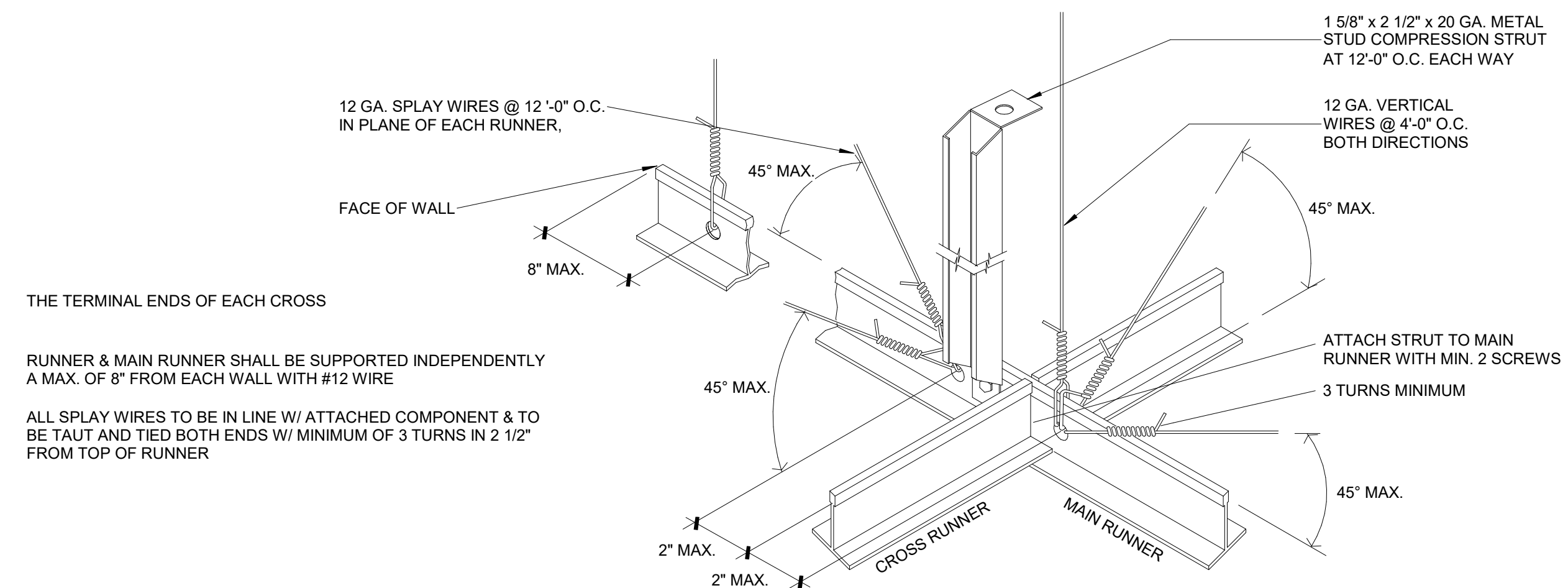
REFERENCE NOTES

2.1.0 SUSPENSION SYSTEMS

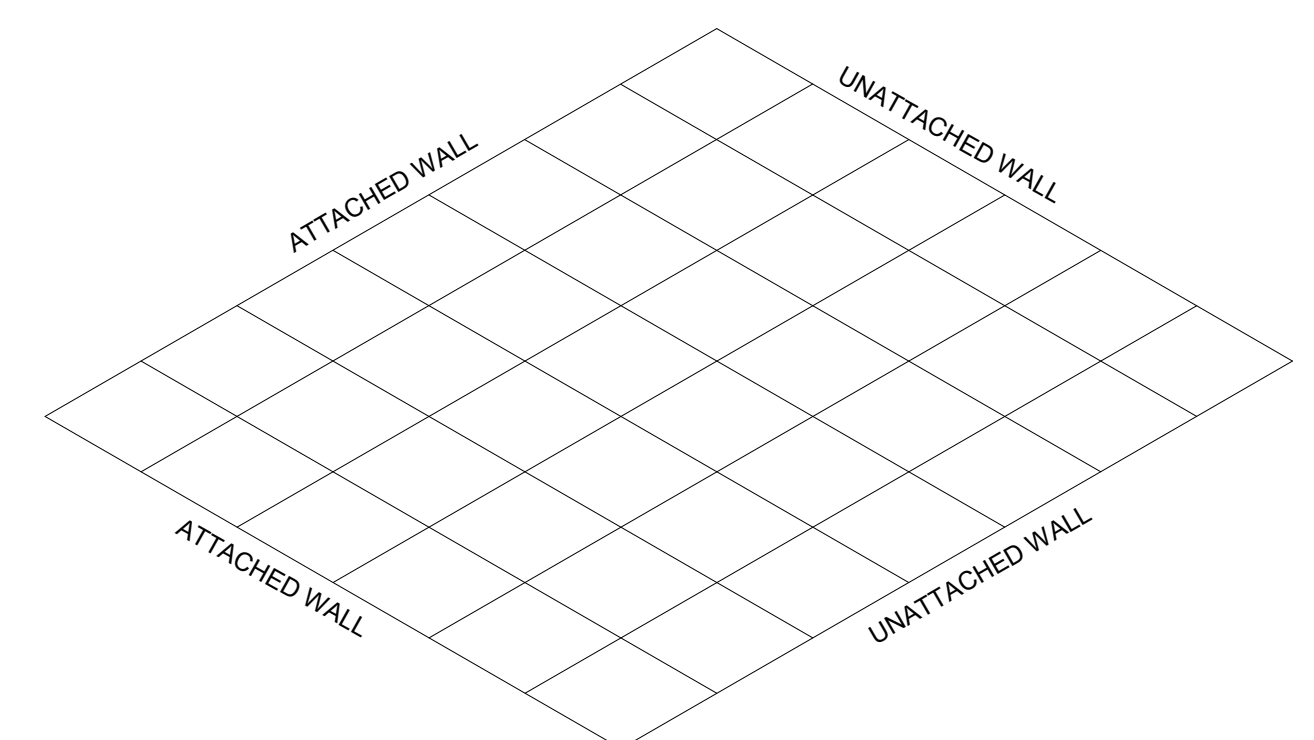
- A. Components: All main beams and cross tees shall be commercial quality hot-dipped galvanized (galvanized steel, aluminum, or stainless steel) as per ASTM A 653. Main beams and cross tees are double-web steel construction with type exposed flange design. Exposed surfaces chemically cleansed, capping pre-finished galvanized steel (aluminum or stainless steel) in baked polyester paint. Main beams and cross tees shall have rotary stitching (exception: extruded aluminum or stainless steel).
 1. Structural Classification: ASTM C 635 Heavy Duty.
 2. Color: White and match the actual color of the selected ceiling tile.
- B. Attachment Devices: Size for five times design load indicated in ASTM C 635, Table 1, Direct Hung unless otherwise indicated.
- C. Wire for Hangers and Ties: ASTM A 641, Class 1 zinc coating, soft temper, pre-stretched, with a yield stress load of at least three design load, but not less than 12 gauge.
- D. Edge Moldings and Trim: Metal or extruded aluminum of types and profiles indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations, including light fixtures, that fit type of edge detail and suspension system indicated.

2.2 INSTALLATION

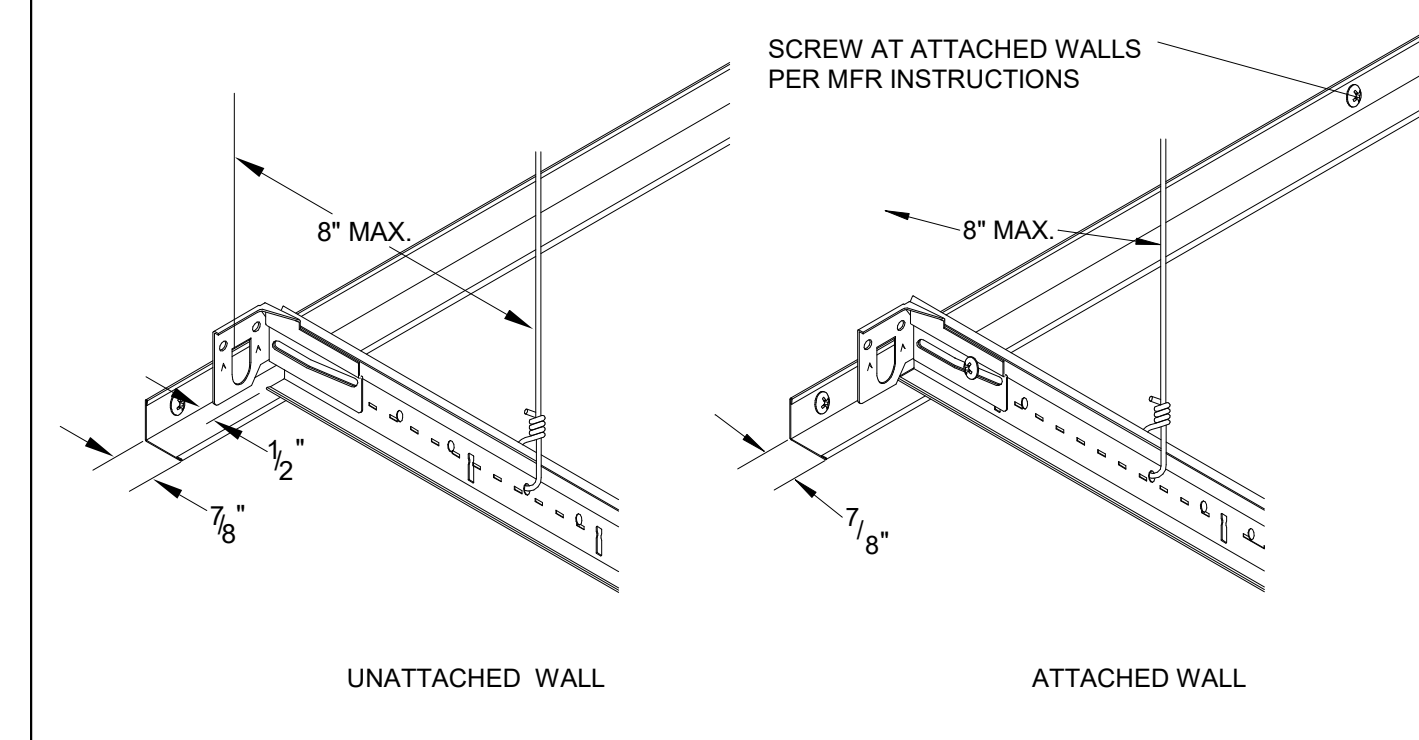
- A. Install suspension system and panels in accordance with the manufacturer's instructions, and in compliance with ASTM C 636 and with the authorities having jurisdiction.
- B. Suspend main beam from overhead construction with hanger wires spaced 4'-0" on center along the length of the main runner. Install hanger wires plumb and straight.
- C. Install wall moldings at intersection of suspended ceiling and vertical surfaces. Miter corners where wall moldings intersect or install corner caps.
- D. For reveal edge panels: Cut and reveal or rabbet edges of ceiling panels at border areas and vertical surfaces.
- E. Install acoustical panels in coordination with suspended system, with edges resting on flanges of main runner and cross tees. Cut and fit panels neatly against abutting surfaces. Support edges by wall moldings.



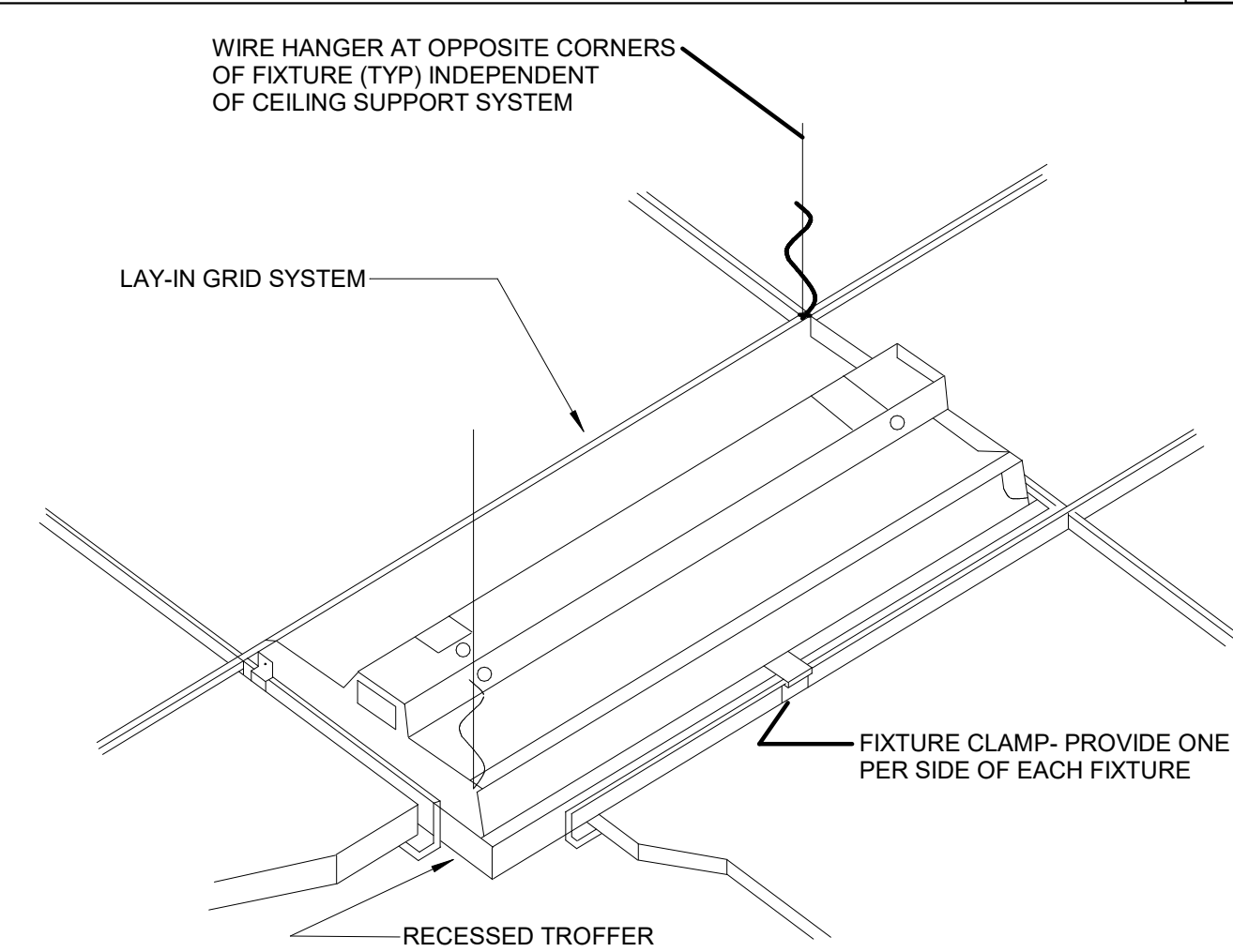
SEISMIC BRACING 3
SCALE: 1" = 1'-0"



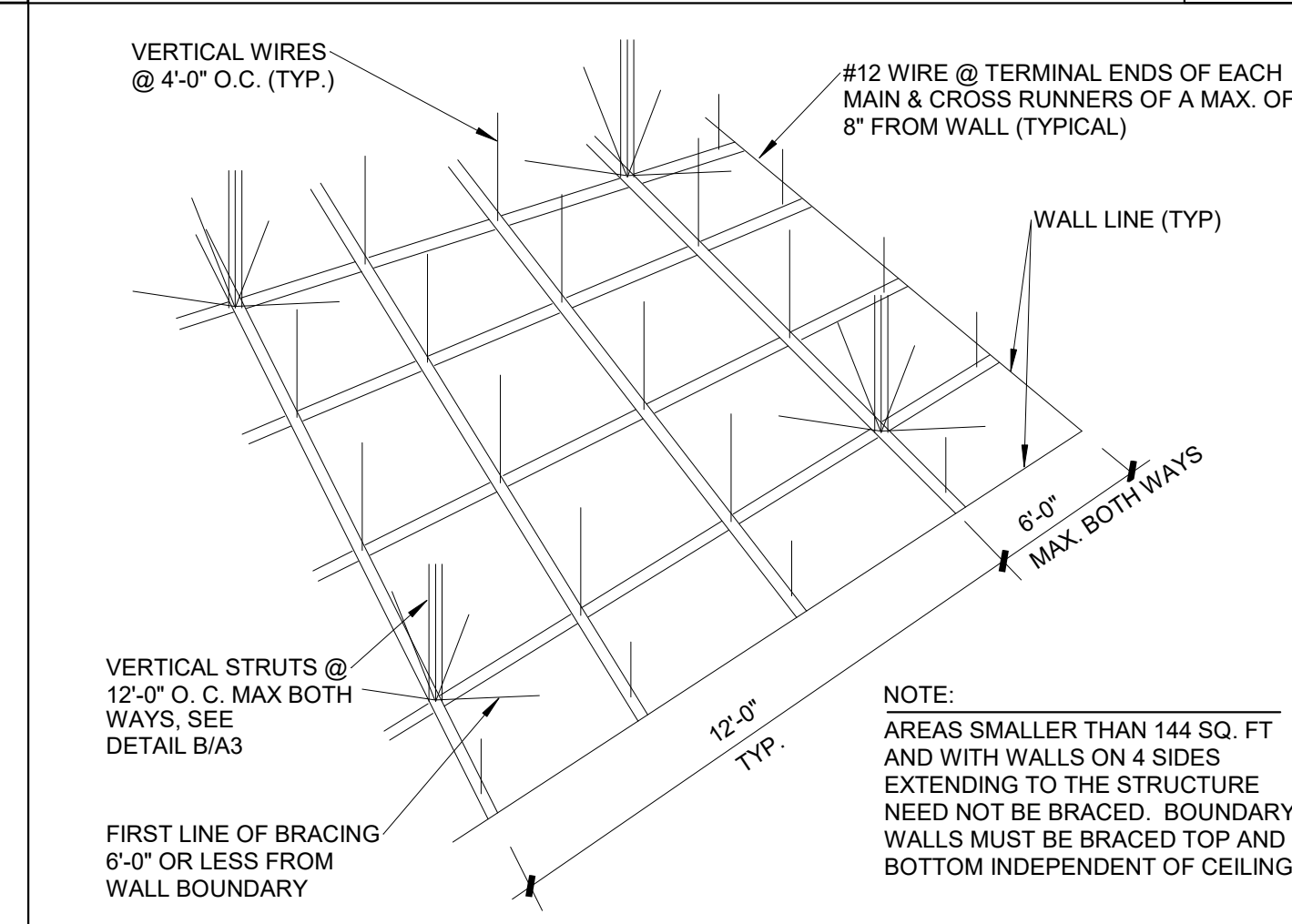
PERIMETER CLIP LAYOUT 4
SCALE: 1" = 1'-0"



PERIMETER CLIP DETAIL 2
SCALE: 1" = 1'-0"



RECESSED LIGHT FIXTURE MOUNTING DETAIL 5
SCALE: 1" = 1'-0"



SEISMIC BRACING LAYOUT 1
SCALE: 1" = 1'-0"



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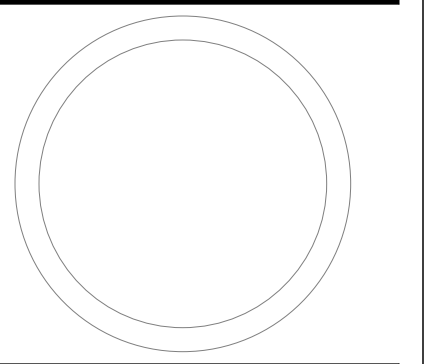
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DOOR SCHEDULE, DOOR AND WINDOW TYPES

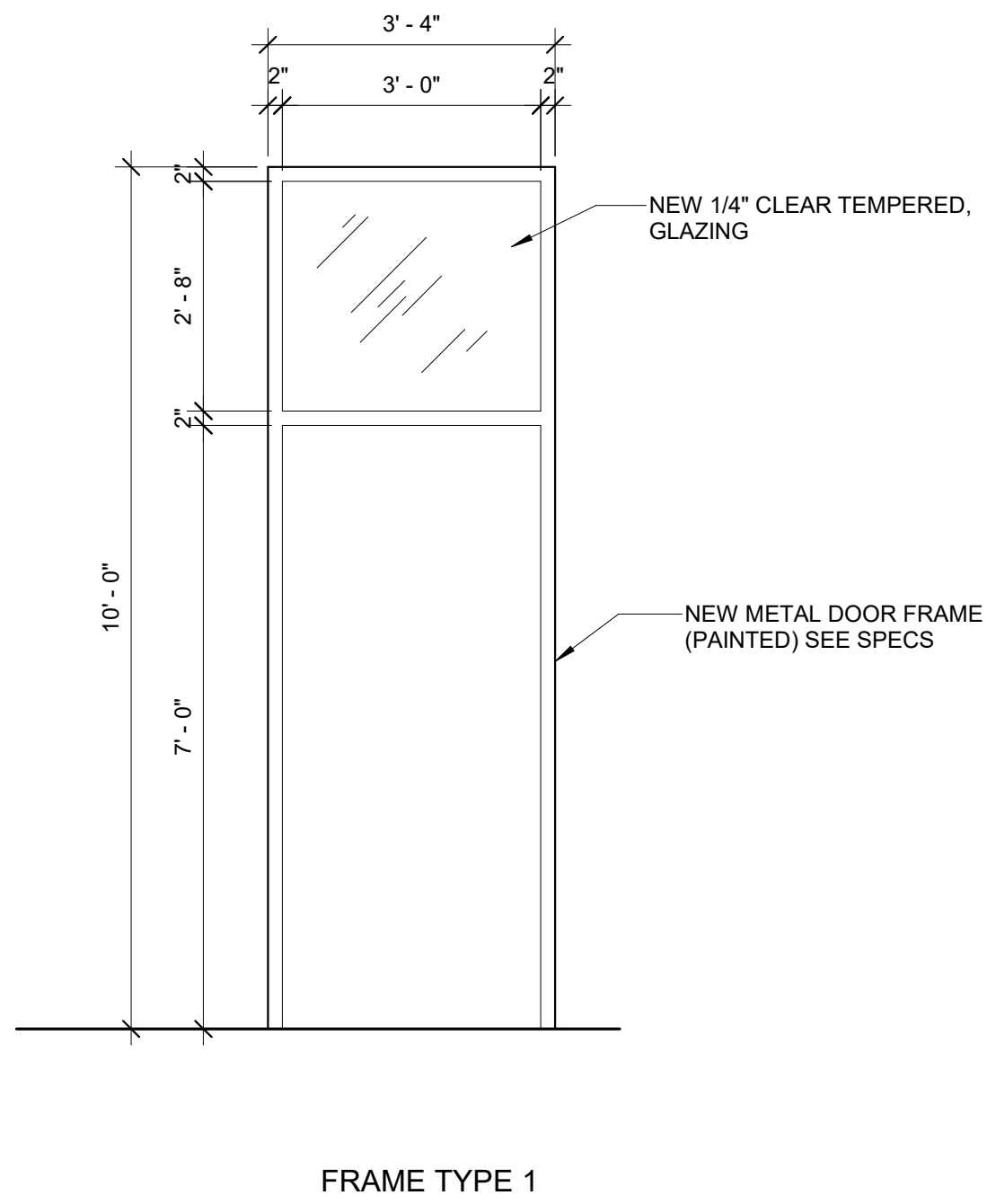
WORK ORDER & SHEET NO.

K8101 A3.1

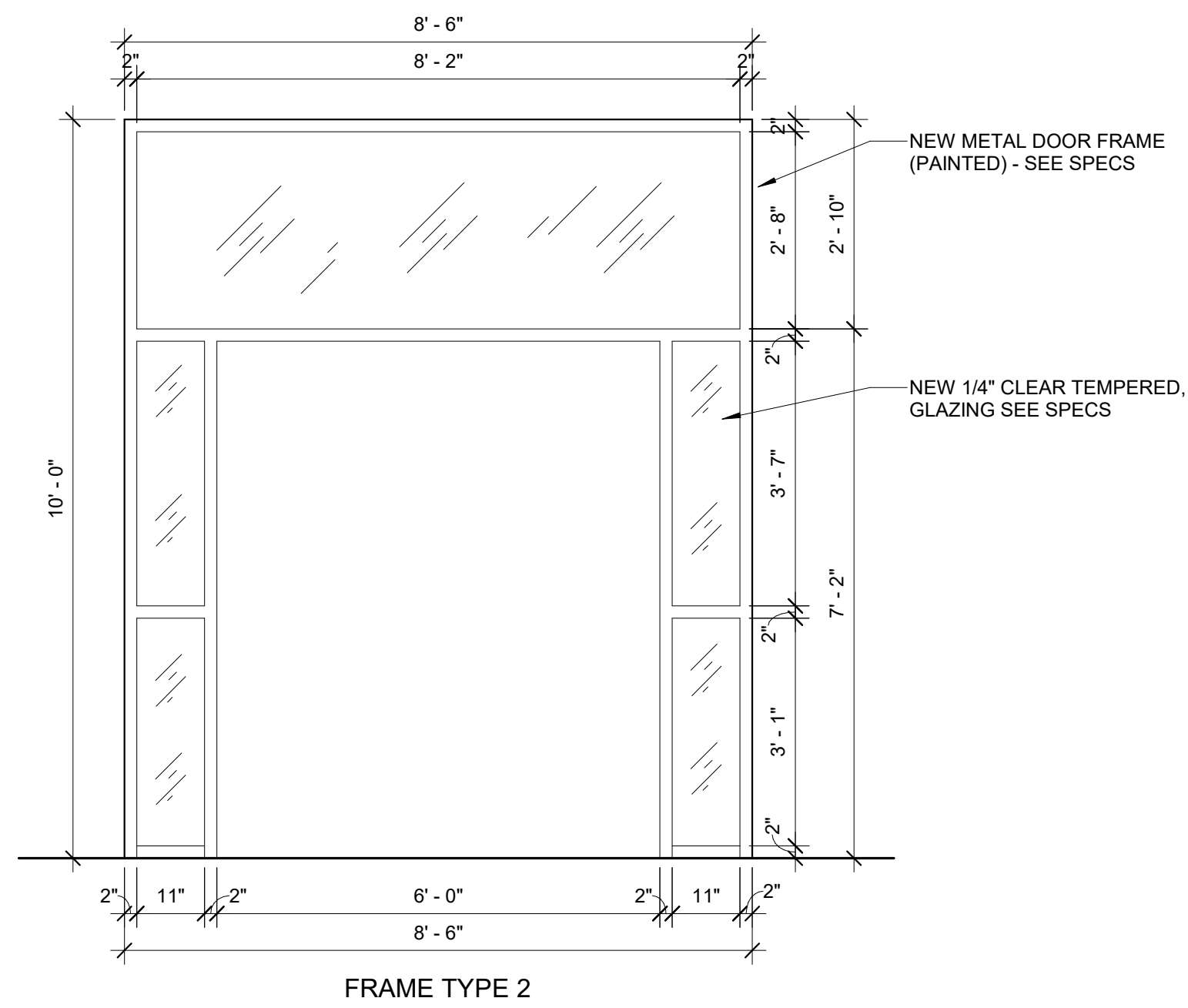
CONSTRUCTION DOCUMENTS

K8101 DOOR SCHEDULE												
Mark	Door Type	Frame Type	Width	Height	Door Material	Frame Material	Door Swing	Head Detail	Jamb Detail	Fire Rating	Hardware Group	Remarks
1043	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1045A	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1045B	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1049	2	2	6' - 0"	7' - 0"	HDWD/GLASS	METAL	LH/RH	3/A3.2	4/A3.2			
1049A	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1049B	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	LHR	1/A3.2	2/A3.2			
1049C	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	LHR	1/A3.2	2/A3.2			
1049D	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1049E	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1049P	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	LHR	1/A3.2	2/A3.2			
1049Q	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1049S	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1049T	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	LHR	1/A3.2	2/A3.2			
1049U	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	LHR	1/A3.2	2/A3.2			
1049X	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	RHR	1/A3.2	2/A3.2			
1049Y	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	LHR	1/A3.2	2/A3.2			
1059B	1	1	3' - 0"	7' - 0"	HARDWOOD	METAL	LHR	---	---			REMOVE HANDLE / LOCKET- INSTALL NEW COVER PLATE

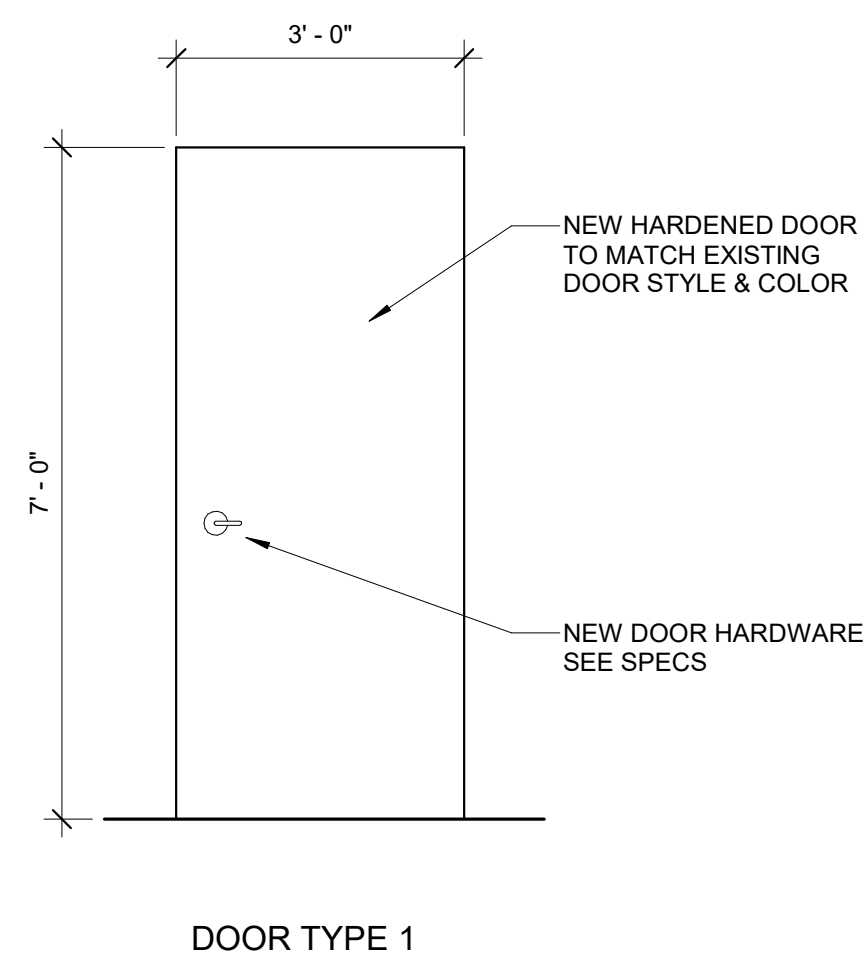
DOOR SCHEDULE 8



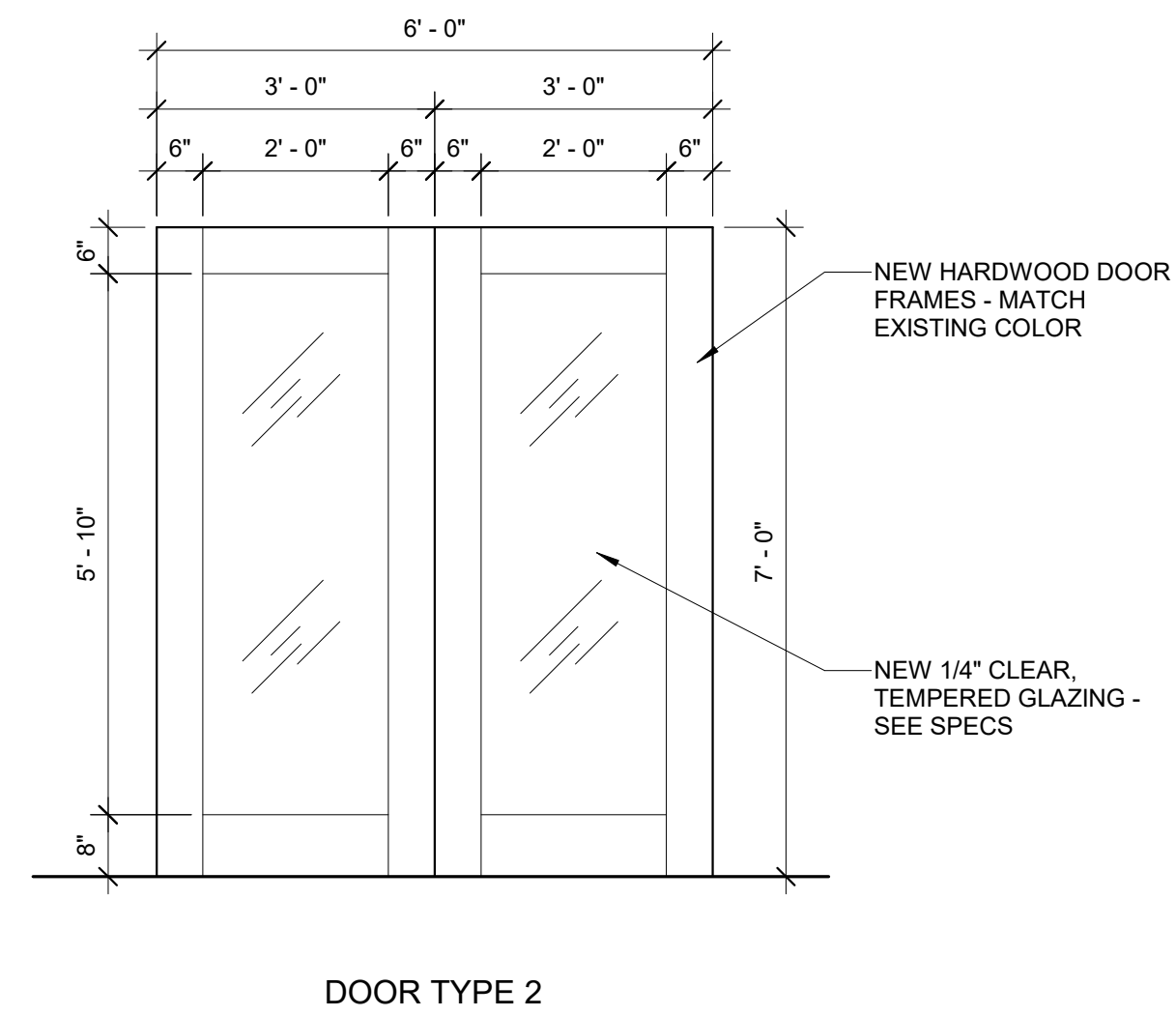
K8101 DOOR FRAME TYPES
 SCALE: 1/2" = 1'-0" **7**



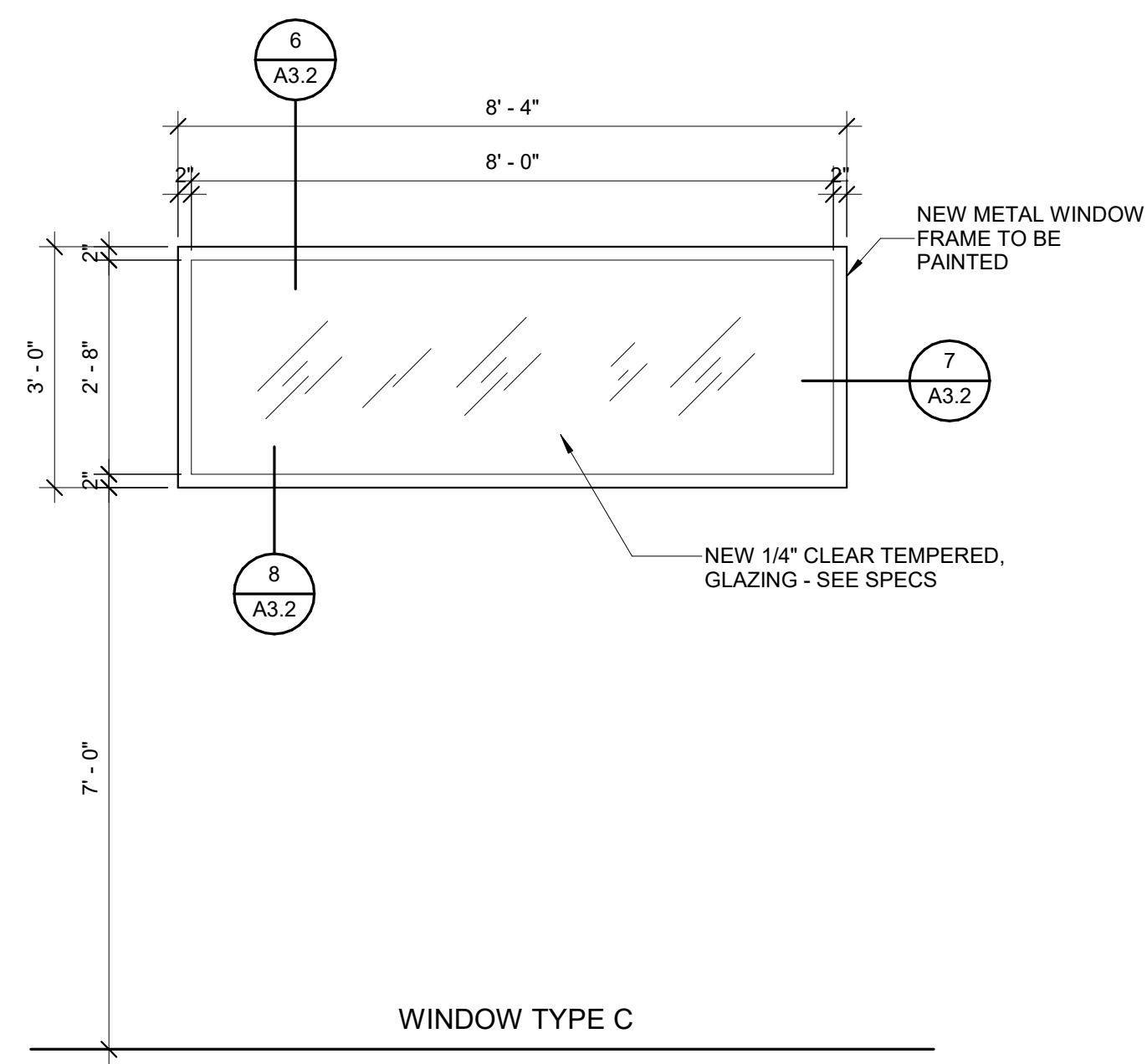
K8101 DOOR FRAME TYPES
 SCALE: 1/2" = 1'-0" **6**



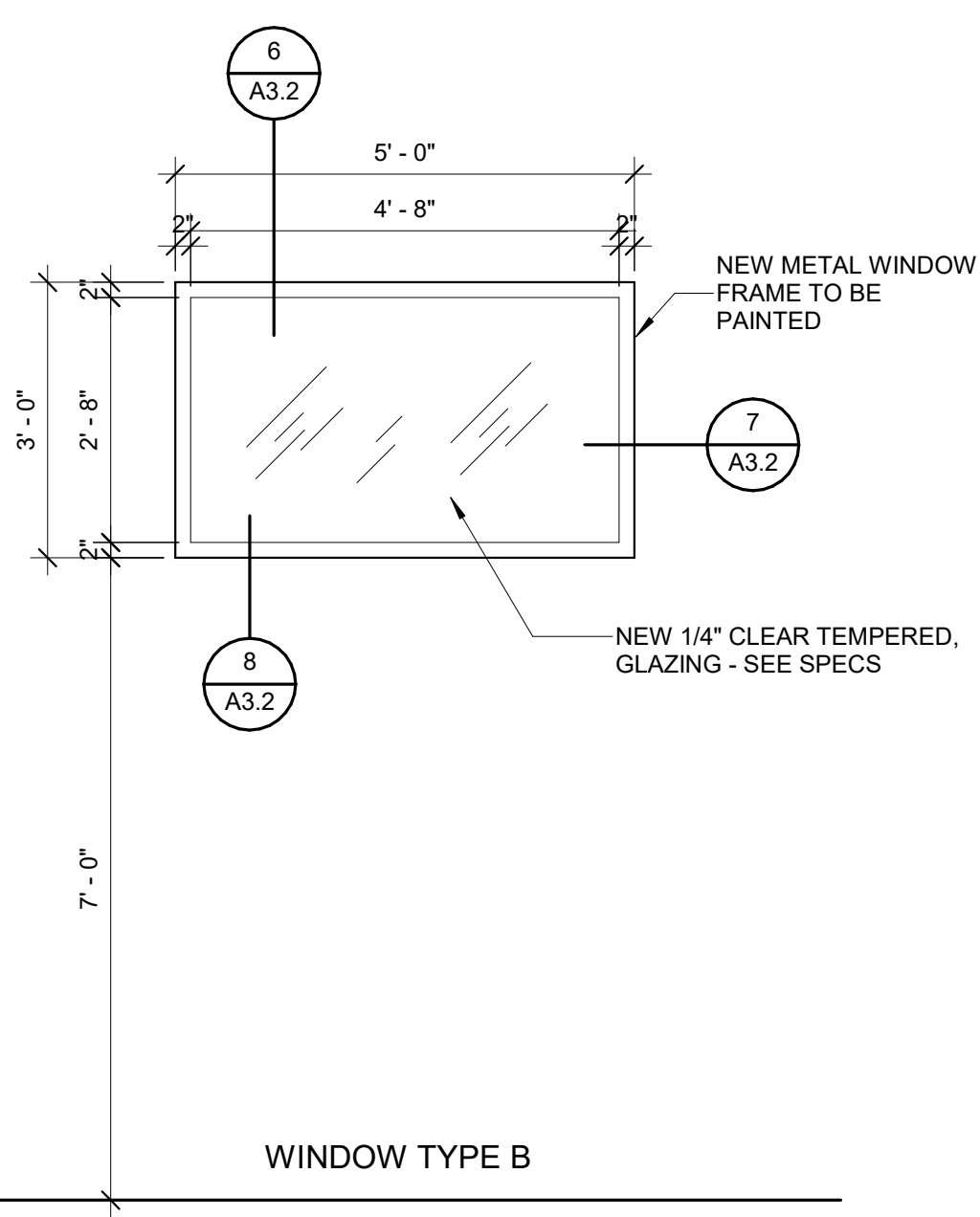
K8101 DOOR TYPES
 SCALE: 1/2" = 1'-0" **5**



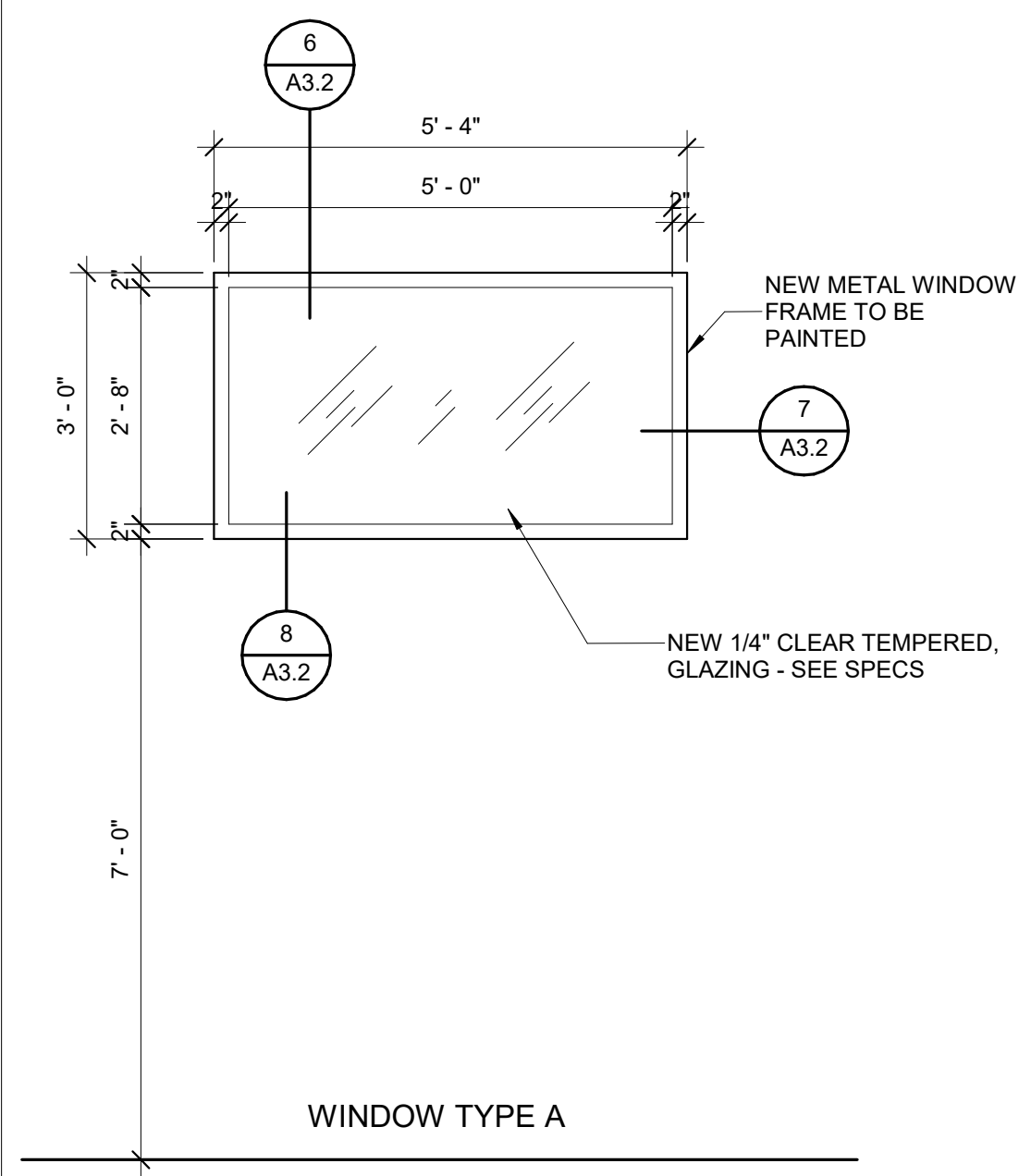
K8101 DOOR TYPES
 SCALE: 1/2" = 1'-0" **4**



K8101 WINDOW TYPES
 SCALE: 1/2" = 1'-0" **3**



K8101 WINDOW TYPES
 SCALE: 1/2" = 1'-0" **2**



K8101 WINDOW TYPES
 SCALE: 1/2" = 1'-0" **1**

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REFERENCE NOTES



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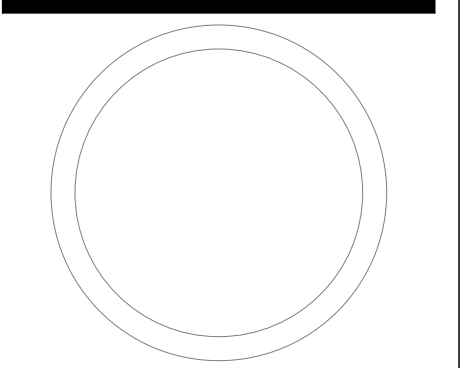
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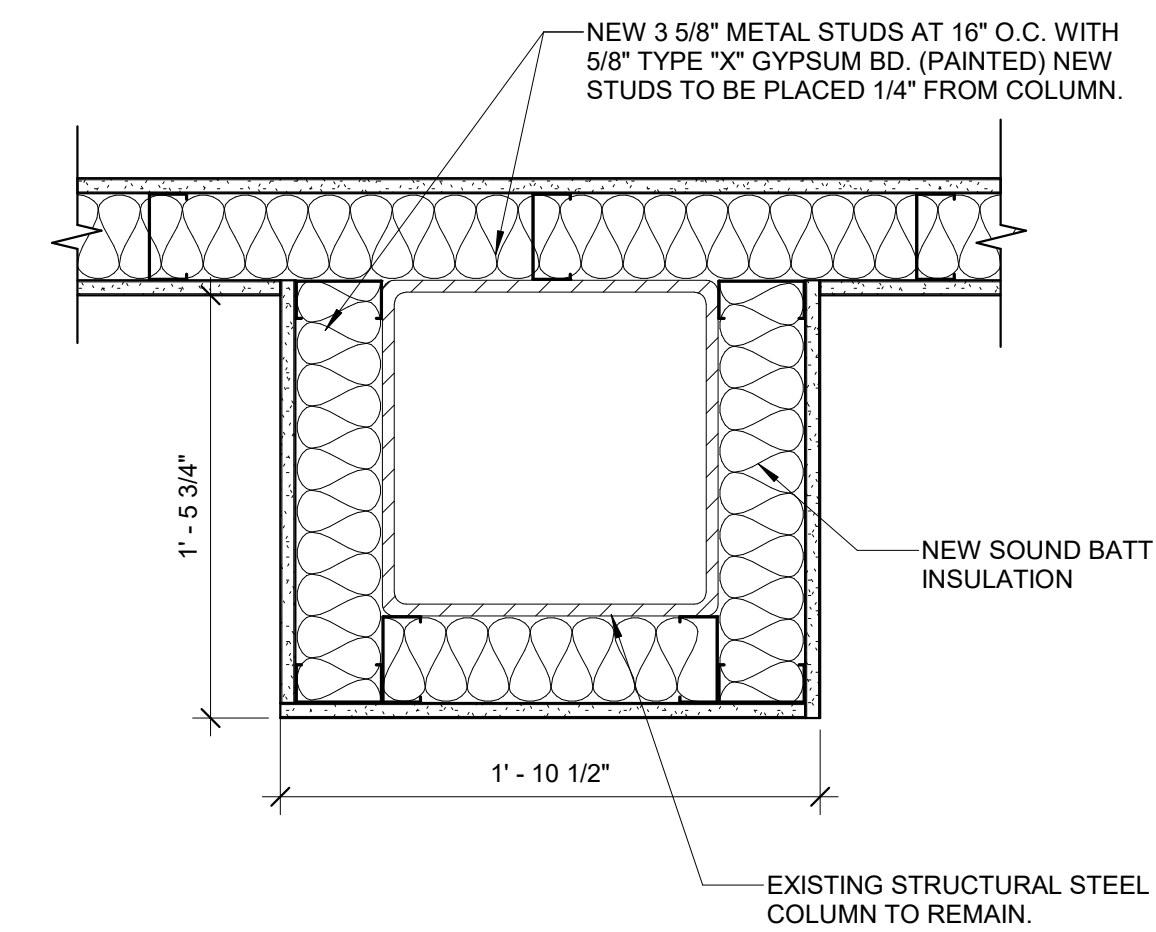


DOOR, WINDOW, AND COLUMN DETAILS

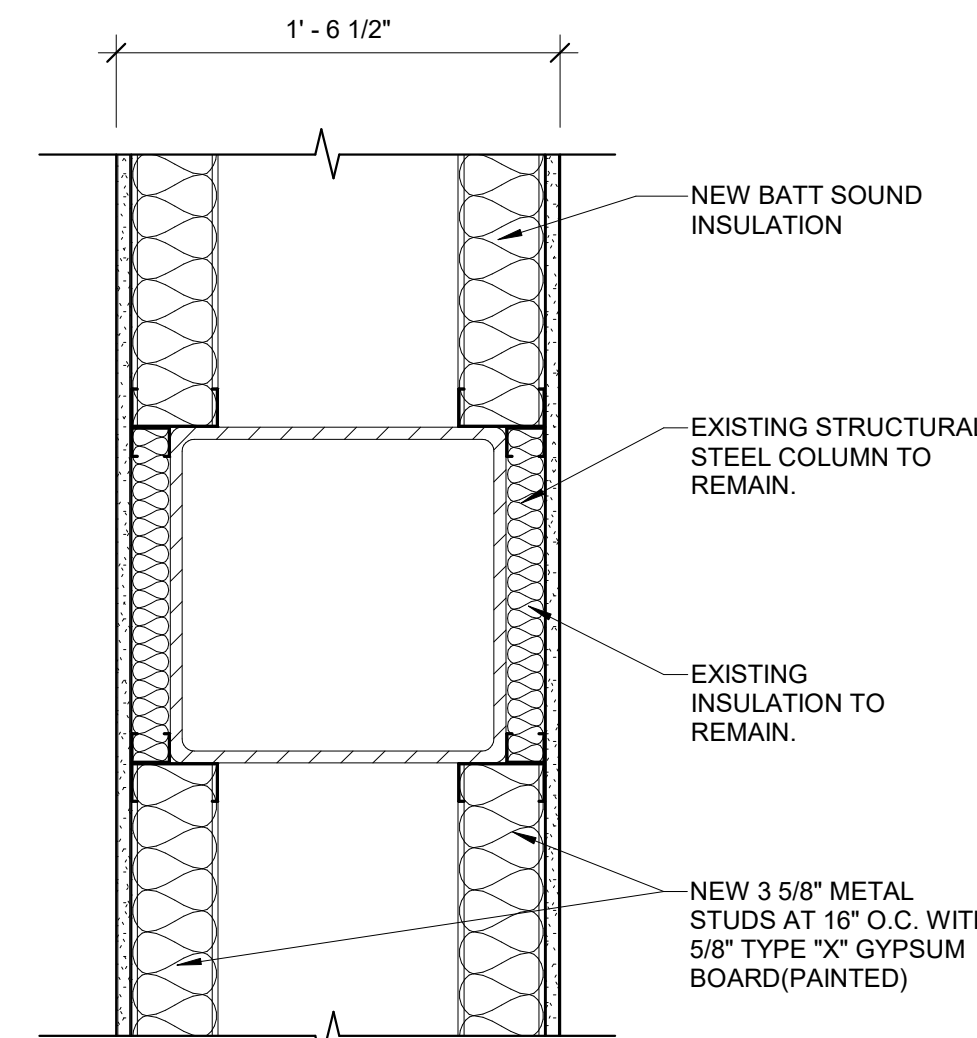
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K8101 A3.2

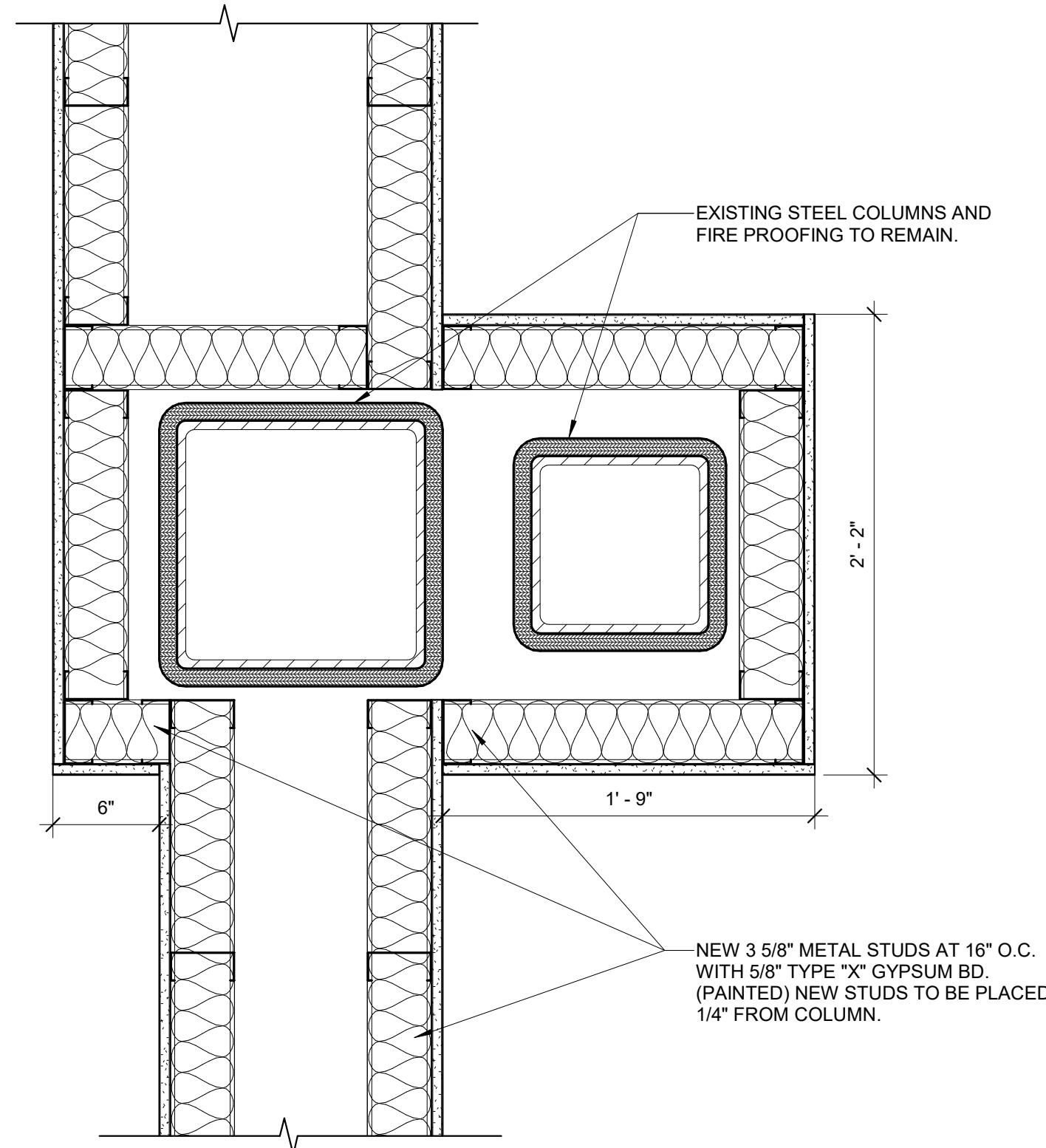
CONSTRUCTION DOCUMENTS



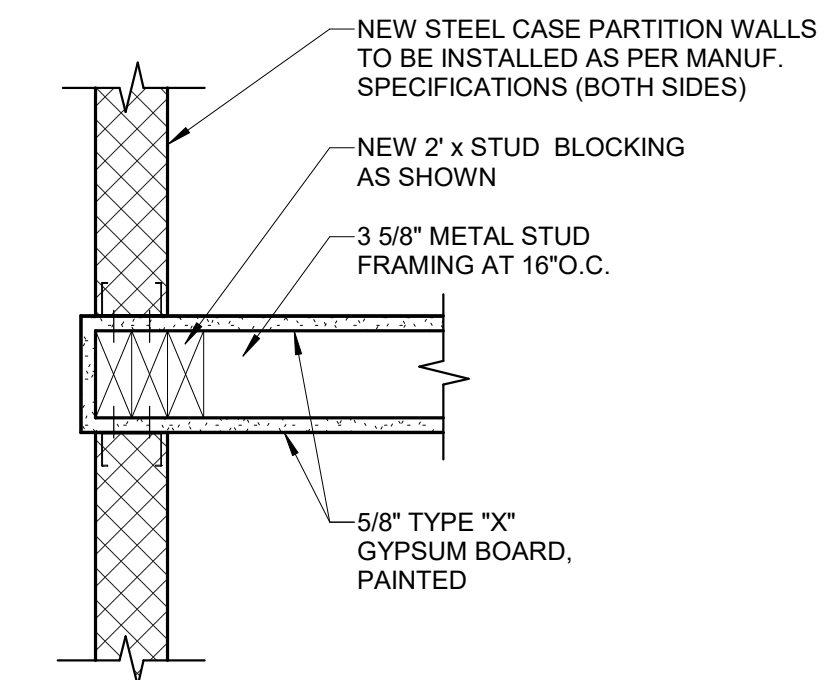
K8101 1049B COLUMN DETAIL 9
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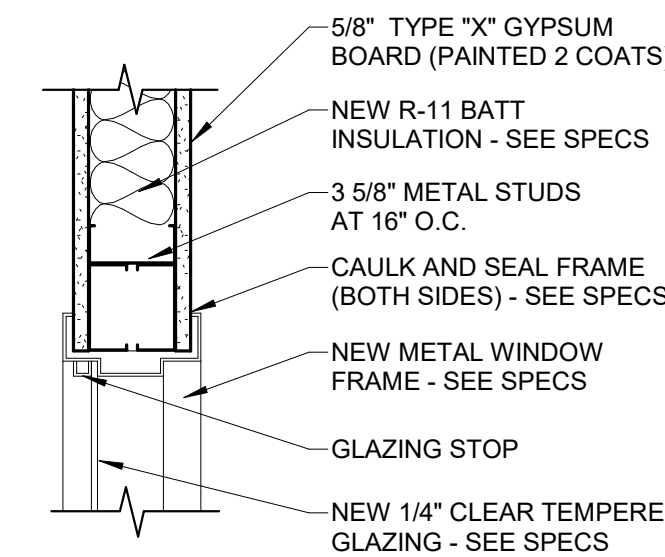
K8101 1043 COLUMN DETAIL 10
 SCALE: 1 1/2" = 1'-0"



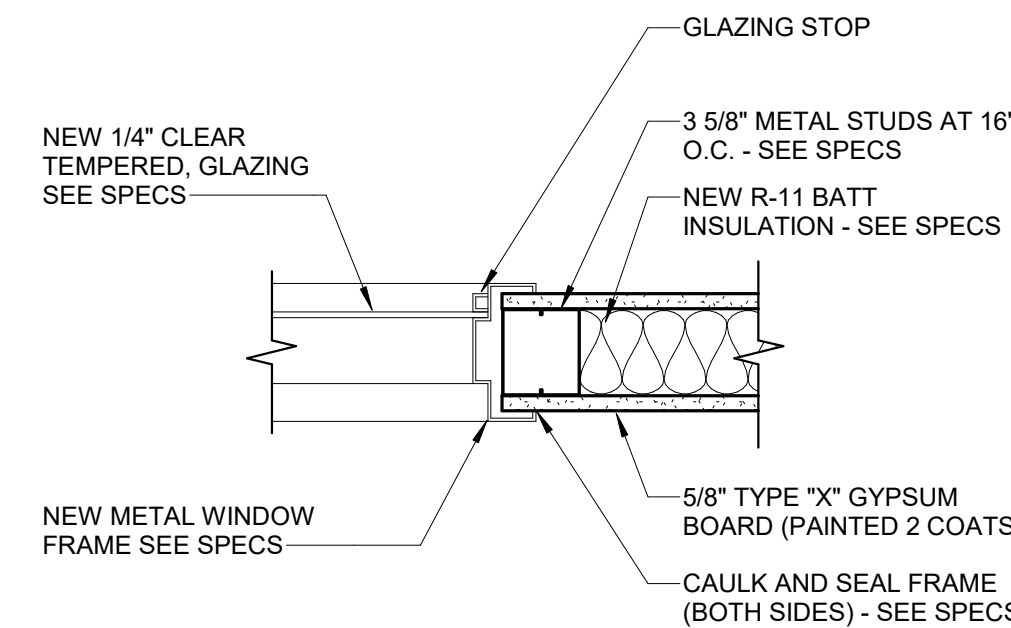
K8101 1045 COLUMN DETAIL 11
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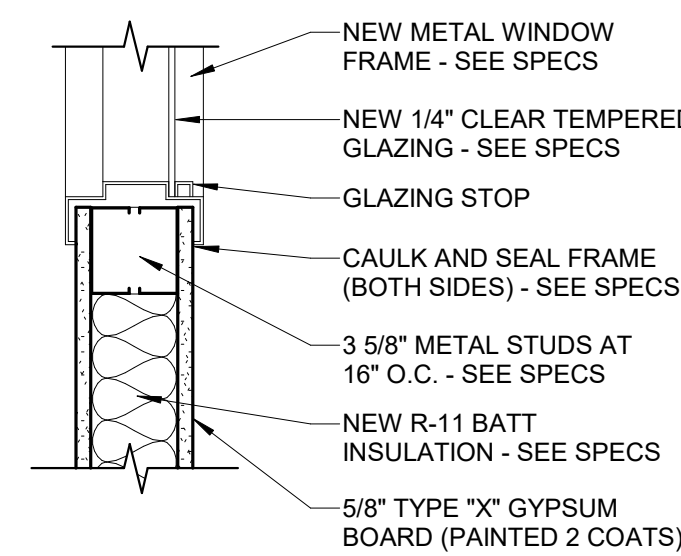
K8101 WALL PARTITION DETAIL 5
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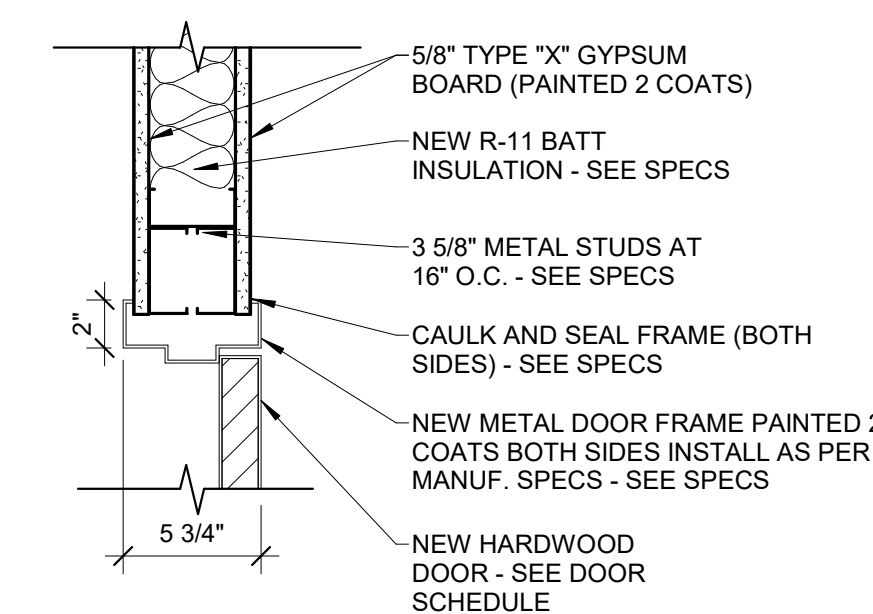
K8101 WINDOW HEAD DETAIL 6
 SCALE: 1 1/2" = 1'-0"



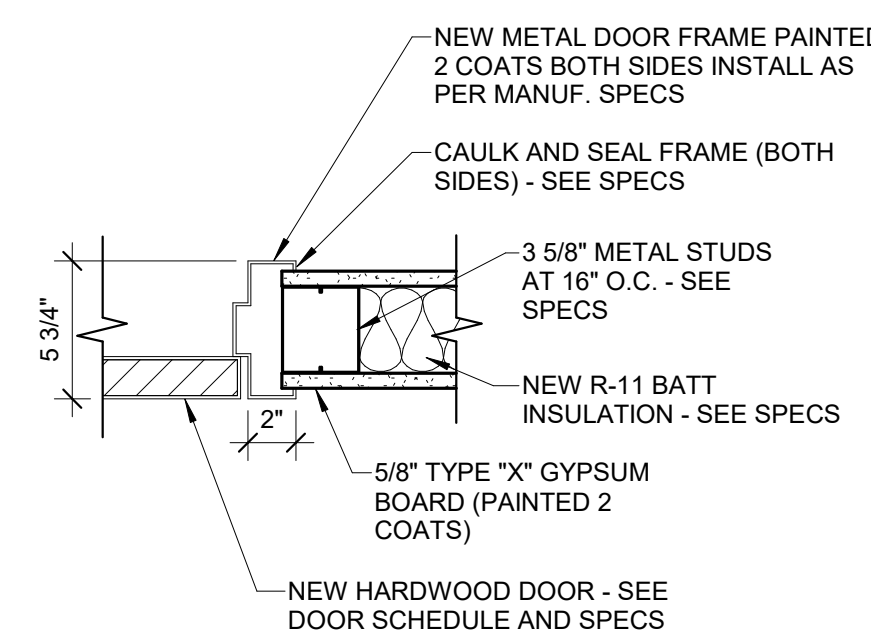
K8101 WINDOW JAMB DETAIL 7
 SCALE: 1 1/2" = 1'-0"



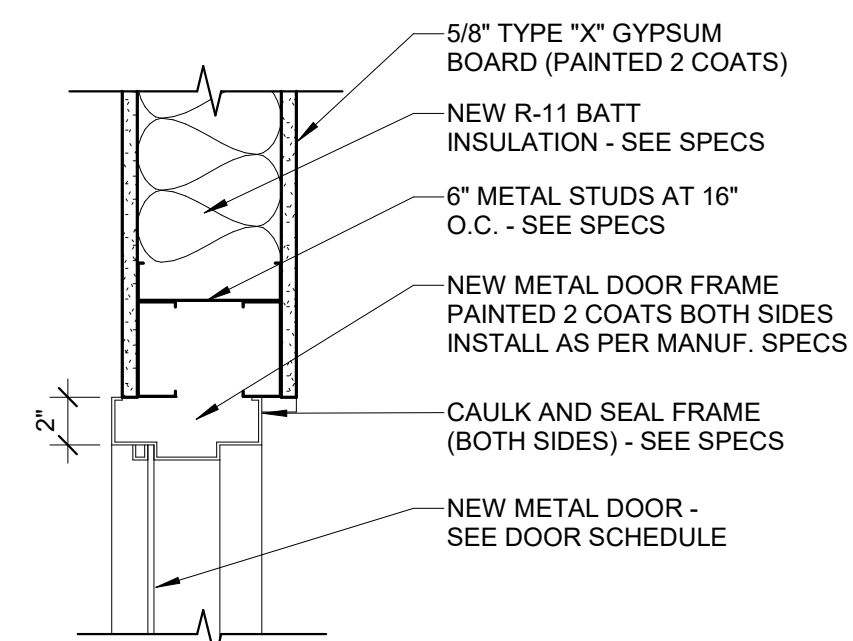
K8101 WINDOW SILL DETAIL 8
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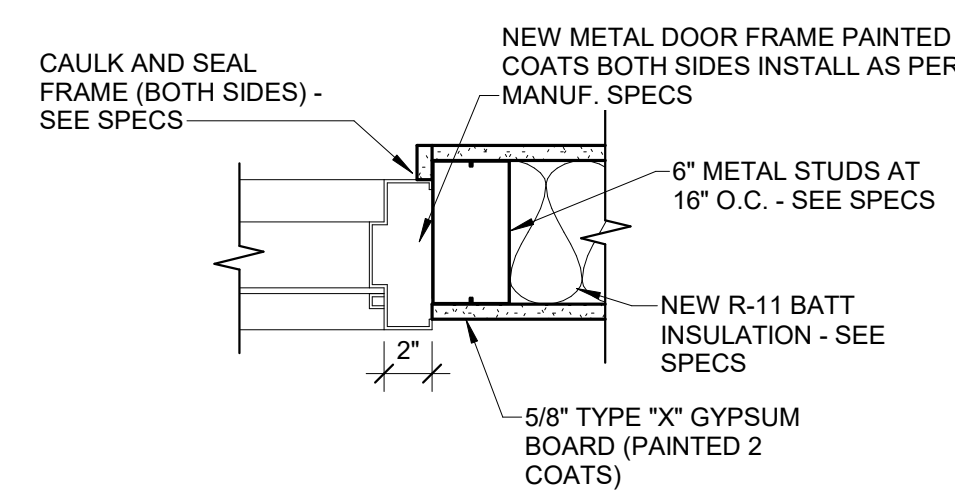
K8101 DOOR HEAD DETAIL 1
 SCALE: 1 1/2" = 1'-0"



K8101 DOOR JAMB DETAIL 2
 SCALE: 1 1/2" = 1'-0"



K8101 DOOR HEAD DETAIL 3
 SCALE: 1 1/2" = 1'-0"



K8101 DOOR JAMB DETAIL 4
 SCALE: 1 1/2" = 1'-0"

REFERENCE NOTES

- 1 EXISTING CONSTRUCTION TO REMAIN. PATCH AND REPAIR AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION
- 2 NEW 24"x24" CEILING TILES WITH NEW GRID CEILING - SEE DETAILS AND SPECS
- 3 EXISTING STEEL COLUMN TO REMAIN - SEE FLOOR PLAN AND DETAILS
- 4 EXISTING STEEL BRACE FRAME TO REMAIN. FRAME LOCATION IS BETWEEN CONFERENCE ROOM AND HALLWAY
- 5 EXISTING FLOOR STRUCTURE TO REMAIN
- 6 NEW WALL CONSTRUCTION - SEE FLOOR PLAN AND WALL TYPES FOR SPECIFICS
- 7 NEW DRYWALL TO BE PAINTED - SEE FURNISHINGS PLAN AND SPECS
- 8 EXISTING STEEL FLOOR STRUCTURE
- 9 NEW WALL CONSTRUCTION TO HAVE SOUND INSULATION AND TO EXTEND TO THE FLOOR DECK ABOVE - ALL PENETRATIONS TO BE CAULKED AND SEALED



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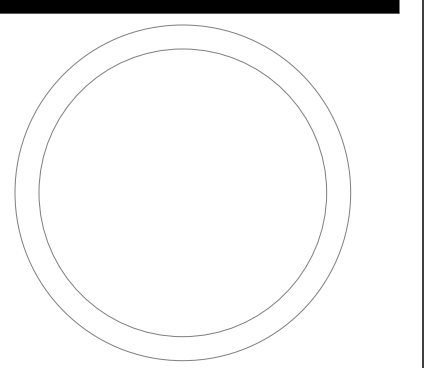
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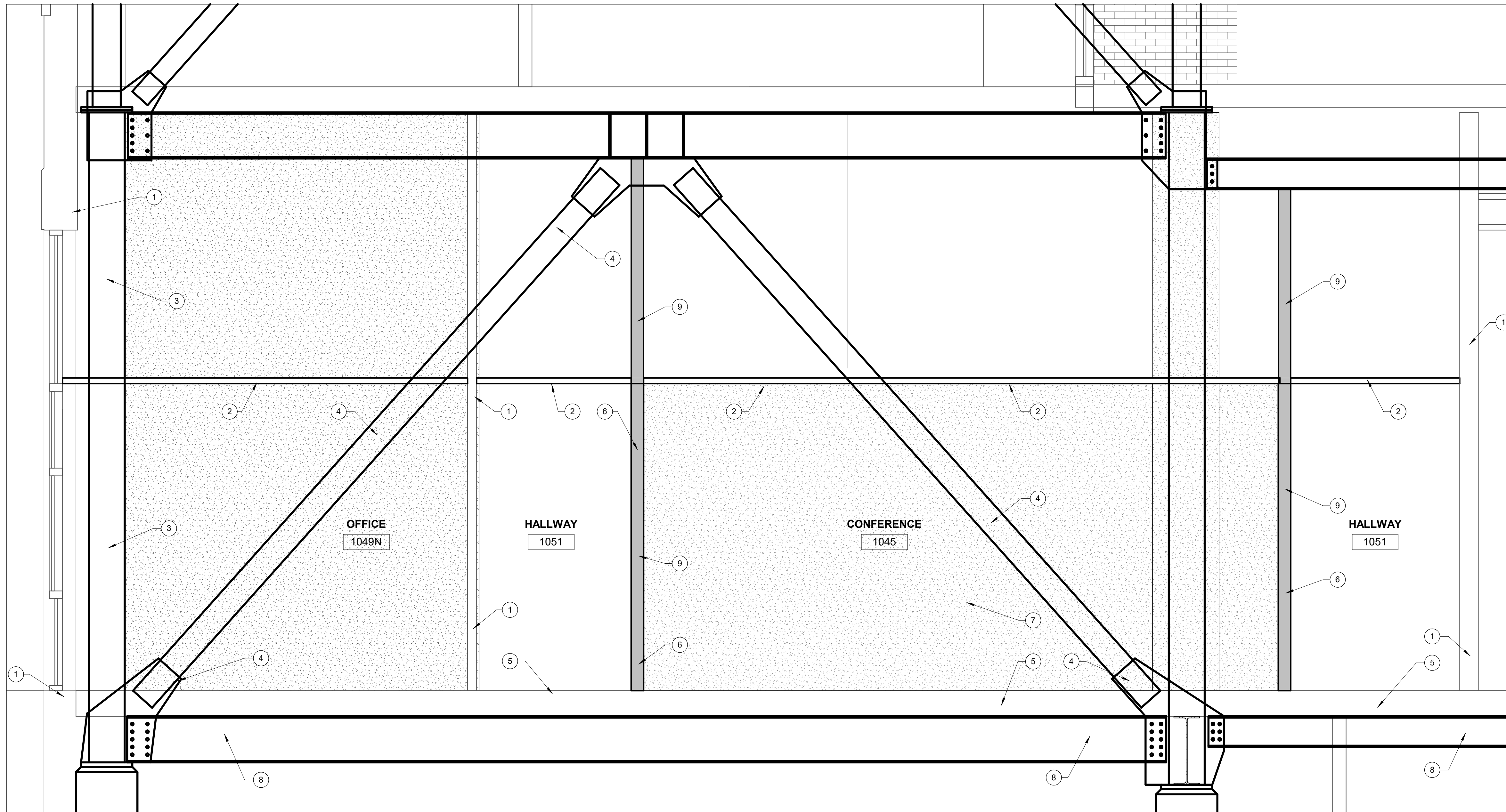


BUILDING SECTION

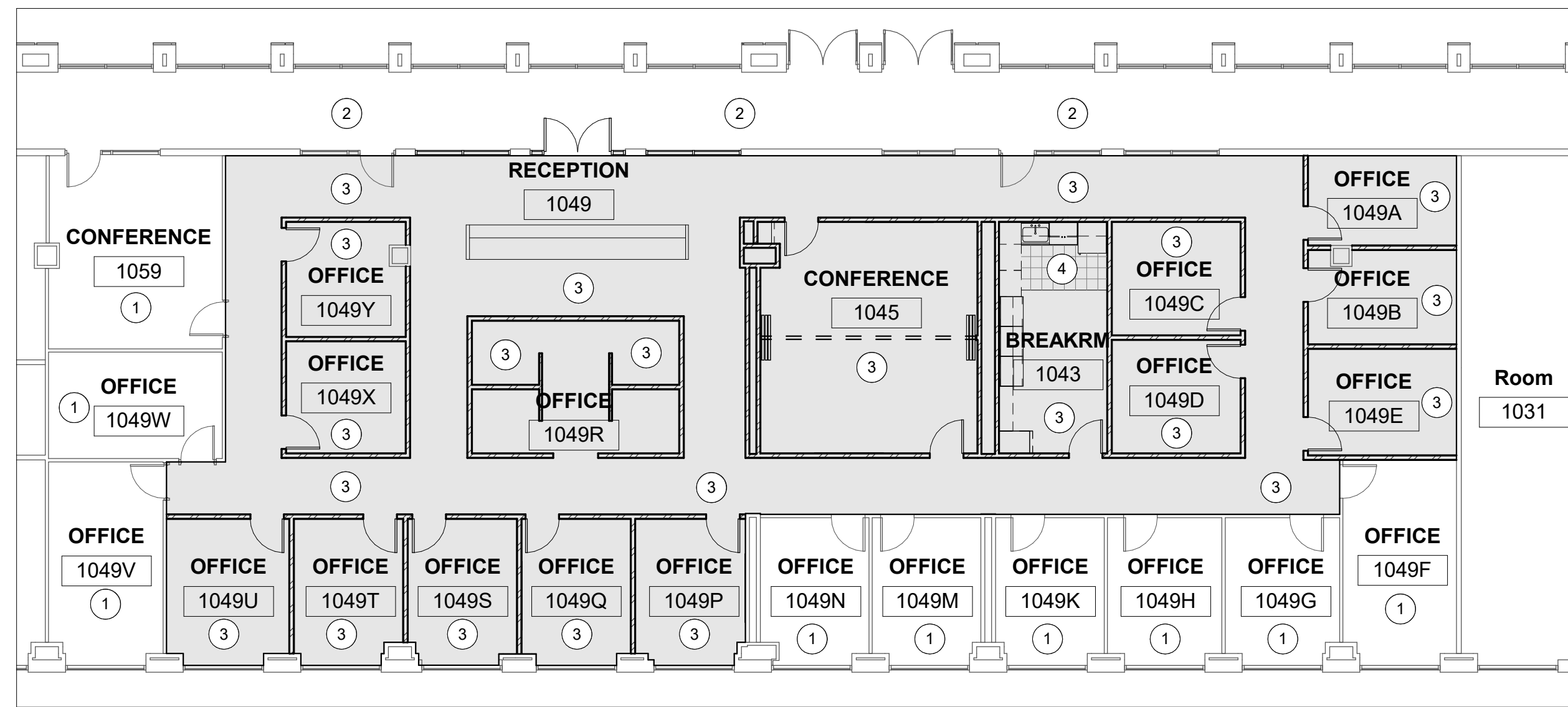
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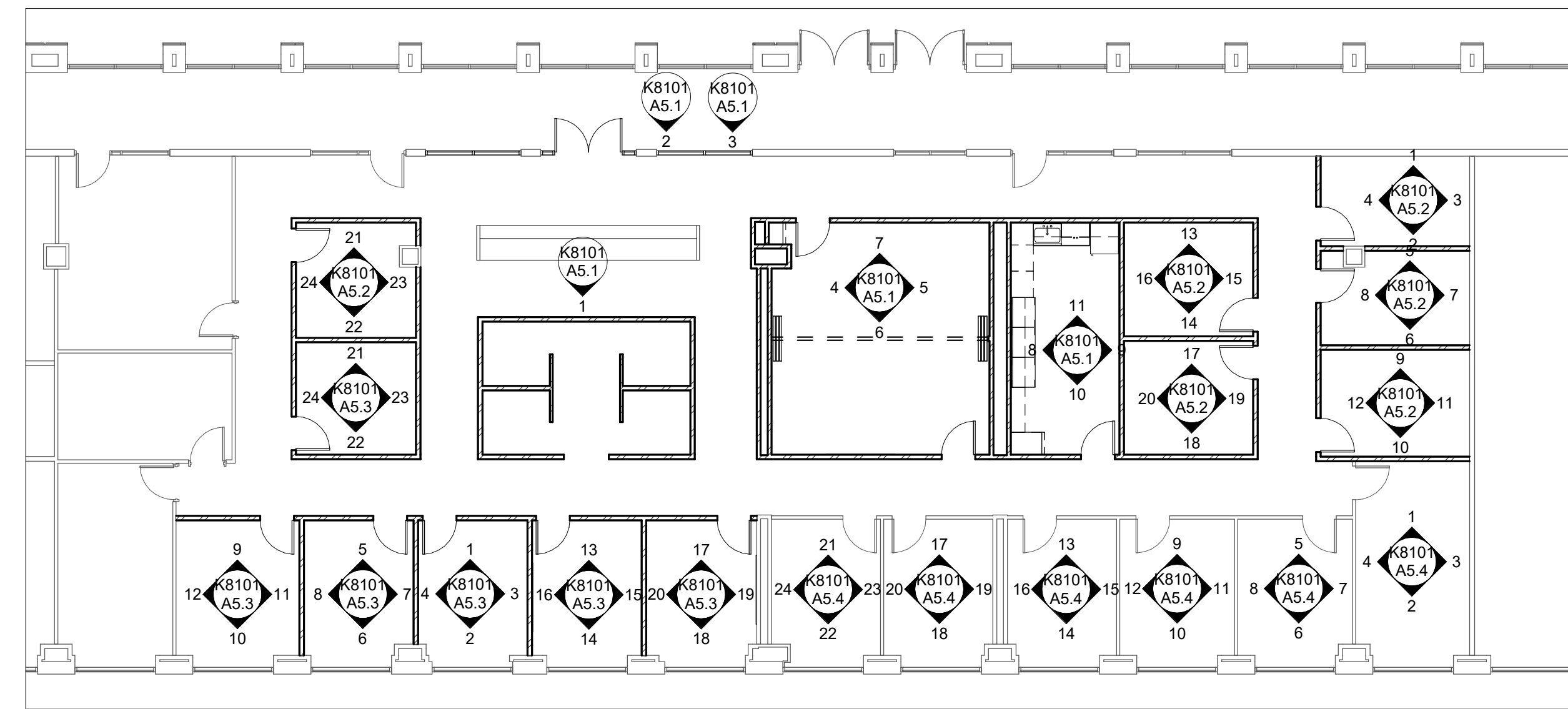
CONSTRUCTION DOCUMENTS



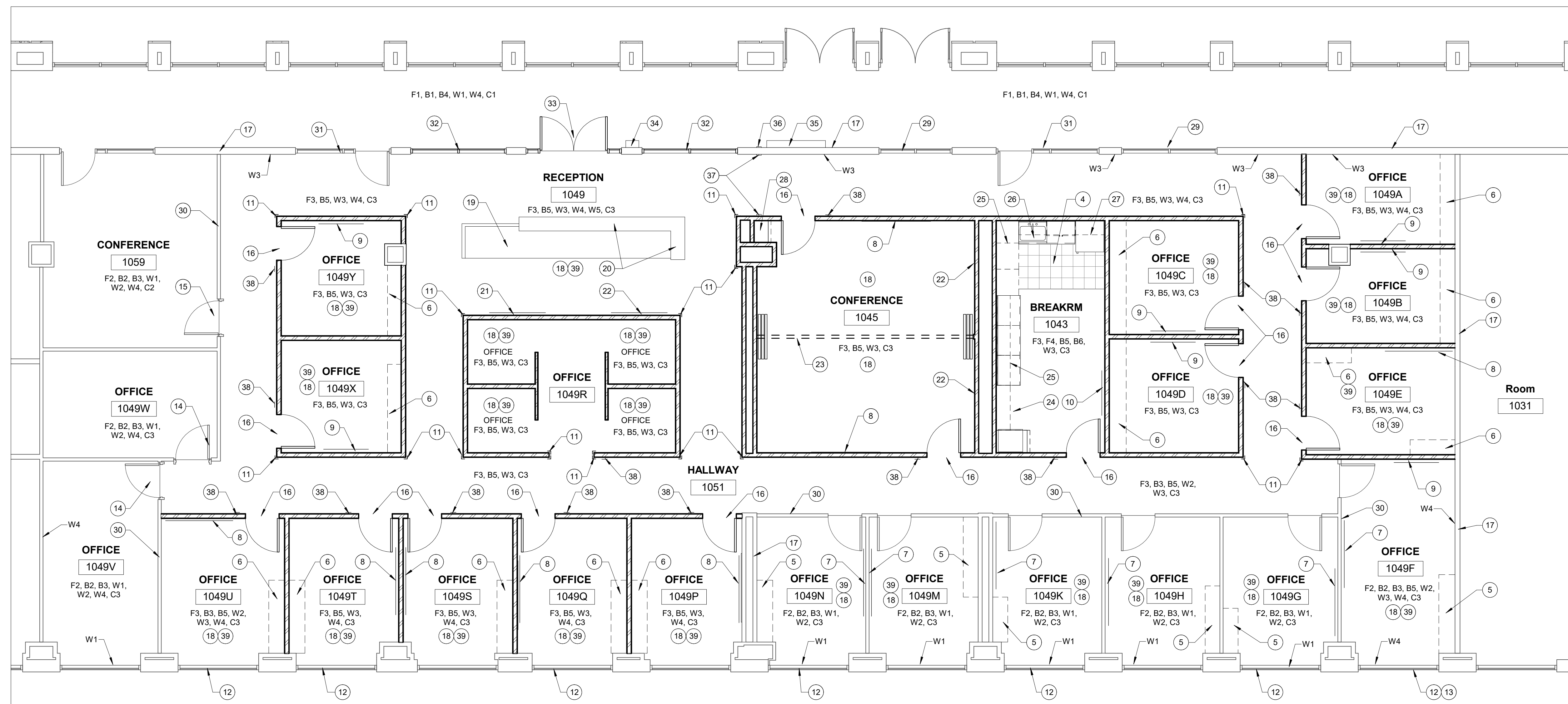
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K8101 FLOOR CARPET PLAN
SCALE: 3/32" = 1'-0" **3**



K8101 INTERIOR ELEVATION IDENTIFICATION PLAN
SCALE: 3/32" = 1'-0" **2**



K8101 FURNISHINGS FLOOR PLAN
SCALE: 3/16" = 1'-0" **1**

REFERENCE NOTES

- EXISTING FLOOR CARPET TO REMAIN - COVER AND PROTECT DURING CONSTRUCTION
- EXISTING CORRIDOR FLOORING TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION
- NEW FLOOR CARPET TO BE INSTALLED BY BYU SHOPS - BUILDING STANDARDS
- NEW LVT TILE FLOORING TO BE INSTALLED BY BYU SHOPS - COLOR TO BE 8705, "ENGLISH OAK BIEGE"
- EXISTING KV SHELVING TO REMAIN. PATCH AND REPAIR AS REQUIRED
- NEW KV SHELVES TO BE INSTALLED AS SHOWN - SEE SPECS
- EXISTING MARKER BOARDS TO REMAIN
- NEW 4x6 MARKER BOARD - SEE SPECS
- NEW 4x4 MARKER BOARD - SEE SPECS
- NEW 4x4 TACK BOARD - SEE SPECS
- NEW HARDWOOD CORNER GUARDS TO MATCH EXISTING COLOR, STYLE, AND SHAPE - GUARDS TO BE 2"x2"x48" HIGH
- EXISTING EXTERIOR ALUM WINDOWS AND BLINDS TO REMAIN
- EXISTING SOLID SURFACE WINDOW SILLS TO REMAIN. COVER AND PROTECT AS REQUIRED
- EXISTING HARDWOOD DOOR, FRAME, AND HARDWARE TO REMAIN
- EXISTING WOOD DOOR AND METAL FRAME TO REMAIN. EXISTING DOOR LOCKSET AND HANDLE TO BE REMOVED AND PLACED WITH A COVER PLATE - SEE DOOR SCHEDULE
- NEW HARDWOOD DOOR, METAL FRAME, WINDOW GLAZING, AND NEW HARDWARE - SEE DOOR SCHEDULE AND SPECS
- EXISTING CONSTRUCTION TO REMAIN. PATCH AND REPAIR AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION
- SEE SHEET F1 FOR THE NEW FURNITURE LAYOUT
- NEW RECEPTION DESK - SEE FURNITURE PLANS. NEW WRITING SHELF TO BE SOLID SURFACE COUNTER TOP - SEE SPECS
- NEW SOLID SURFACE WRITING SHELF (SIZE: 14'-9" x 15" AND 3'-4" x 15") COLOR IS STARON FW145 "WHIPPOORWILL" - SEE SPECS
- NEW 3x5 MARKER BOARD - SEE SPECS
- NEW WALL MOUNTED T.V. MONITOR - SEE ELECTRICAL AND OIT SHEETS
- NEW FOLDING PARTITION - SEE SPECS AND DOOR SCHEDULE
- NEW COPIER SPACE - SEE FLOOR PLAN
- NEW CABINETS TO BE INSTALLED AS SHOWN (ALL CABINET DRAWERS AND DOORS TO BE LOCKABLE) - SEE SPECS (COLORS AND STYLE AS SELECTED BY ARCHITECT)
- NEW PLUMBING FIXTURES - SEE PLUMBING SHEETS AND SPECS
- NEW FRIDGE AND MIROWAVE TO BE INSTALLED BY BYU
- NEW AV CABINET WITH (5) ADJUSTABLE SHELVES - COLORS AS SELECTED BY THE ARCHITECT - SEE SPECS
- EXISTING INTERIOR WINDOW SYSTEM TO REMAIN. COVER AND PROTECT AS REQUIRED
- EXISTING PREFABRICATED paneled WALL SYSTEM TO REMAIN. PATCH, REPAIR, AND PROTECT AS REQUIRED
- EXISTING HARDWOOD DOOR, METAL FRAME AND GLAZING TO REMAIN. COVER AND PROTECT AS REQUIRED
- NEW METAL WINDOW FRAME AND GLAZING - SEE WINDOW TYPES AND SPECS
- NEW GLASS DOOR WITH HARDWOOD, METAL FRAME, AND NEW HARDWARE - SEE DOOR SCHEDULE AND SPECS
- EXISTING FIRE EXTINGUISHER CABINET TO REMAIN
- EXISTING DISPLAY CASE TO REMAIN
- EXISTING EXPANSION JOINT COVER TO REMAIN
- NEW BUILDING EXPANSION JOINT COVERS TO BE INSTALLED - SEE SPECS
- NEW ROOM SIGNAGE BY THE BYU SIGN SHOP
- NEW CHAIR MATS TO BE INSTALLED

FINISH SCHEDULE

- FLOORS:**
- F1 - EXISTING FLOOR TILES TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION.
 - F2 - EXISTING FLOOR CARPET TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION AND CLEAN.
 - F3 - NEW FLOOR CARPET TO BE INSTALLED BY BYU SHOPS - (BUILDING STANDARD)
 - F4 - NEW LVT TILE FLOORING INSTALLED BY BYU SHOPS -
- BASE:**
- B1 - EXISTING WOOD BASE TO REMAIN. PATCH AND REPAIR AS REQUIRED
 - B2 - EXISTING CARPET BASE TO REMAIN.
 - B3 - EXISTING METAL BASE RAIL TO REMAIN.
 - B4 - NEW WOOD BASE - MATCH EXISTING COLOR, STYLE, AND PROFILE
 - B5 - NEW CARPET BASE INSTALLED BY BYU SHOPS - BUILDING STANDARD
 - B6 - NEW RUBBER BASE - MATCH EXISTING BUILDING STANDARD
- WALLS:**
- W1 - EXISTING GYPSUM BOARD TO REMAIN. PATCH, REPAIR, AND CLEAN
 - W2 - EXISTING PREFABRICATED WALL PANELS TO REMAIN - CLEAN AS REQUIRED
 - W3 - NEW GYPSUM BOARD TO BE PAINTED (2) COATS - BUILDING STANDARD COLORS
 - W4 - EXISTING GYPSUM BOARD TO BE PAINTED (2) COATS - MATCH EXISTING
 - W5 - NEW GYPSUM BOARD TO BE PAINTED (2) ACCENT COLOR
- CEILING:**
- C1 - EXISTING GYPSUM BOARD CEILING TO REMAIN. CLEAN AS REQUIRED
 - C2 - EXISTING 24"x24" GRID CEILING
 - C3 - NEW 2'x2' LAY-IN ACOUSTICAL SYSTEM GRID: USG DOWN DIXIE, 26 HEAVY DUTY DUTY FLAT WHITE. TILE: USG FROST 484, 2x2x7/8" SHADOWLINE BEVEL, WHITE.



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FAX: (801) 422-0566

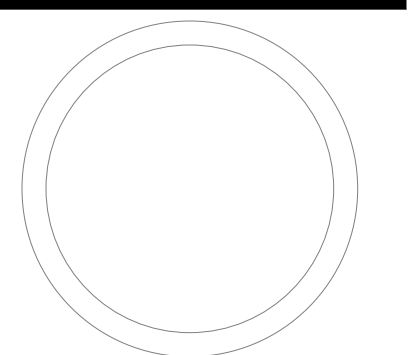
DATE: FEB. 29, 2024
DESIGNER: S. MCCLELLAN
DRAWN BY: MDL

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CODE CHECK:
STRUCTURAL:
UTILITIES DIR:
PLANNING DIR:

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BRIGHAM YOUNG UNIVERSITY
REMODEL OFFICE SUITE 1041 AND SUITE 1053
COLLEGE OF HUMANITIES
JOSEPH F. SMITH BUILDING (F8B) - LEVEL 1

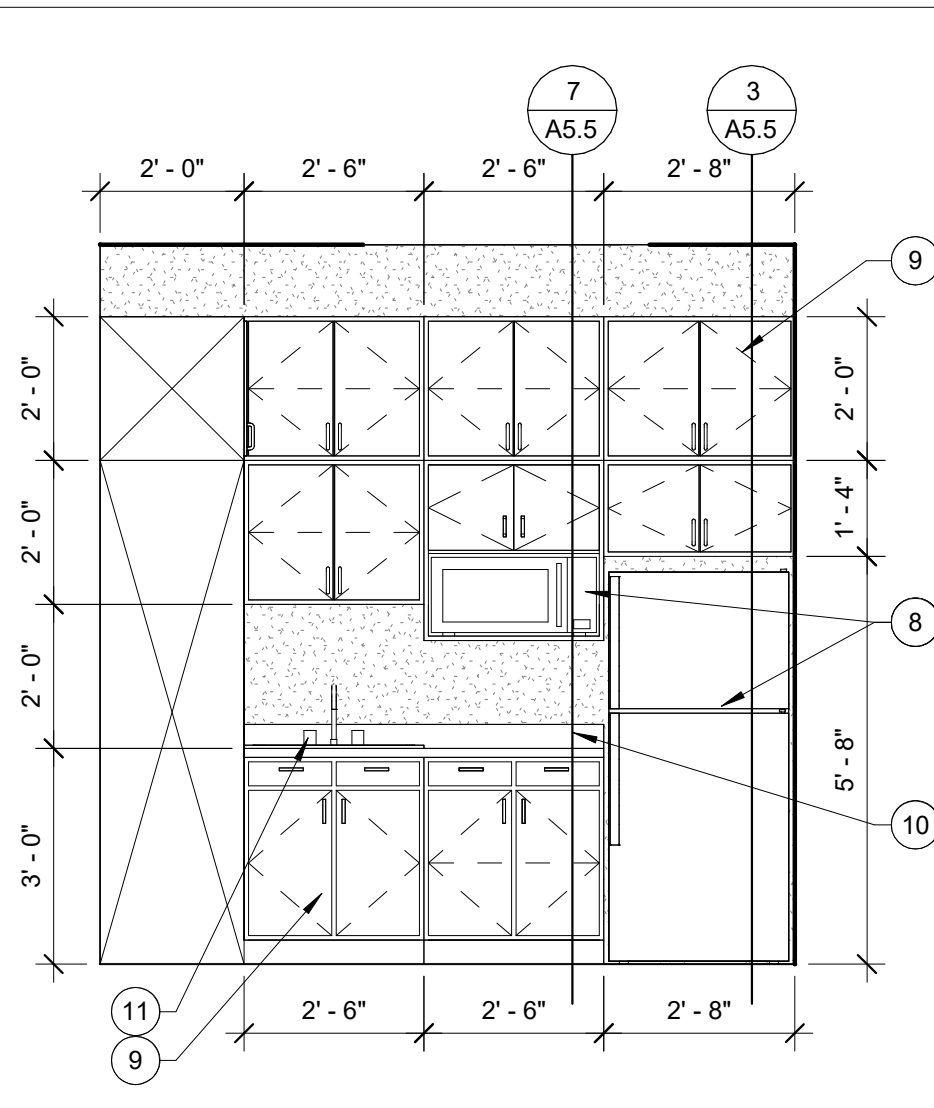


INTERIOR FINISHES AND CARPET FLOOR PLAN

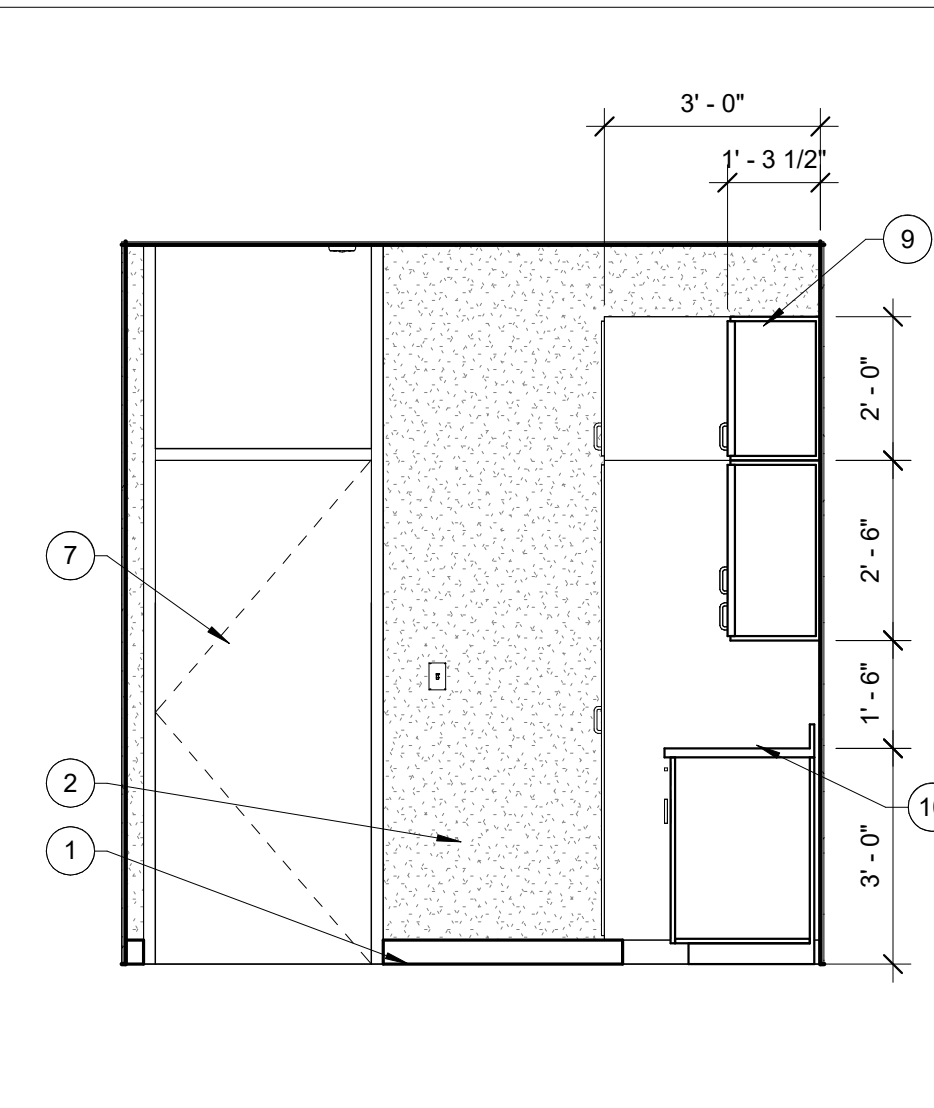
WORK ORDER & SHEET NO.

K8101 A5.0

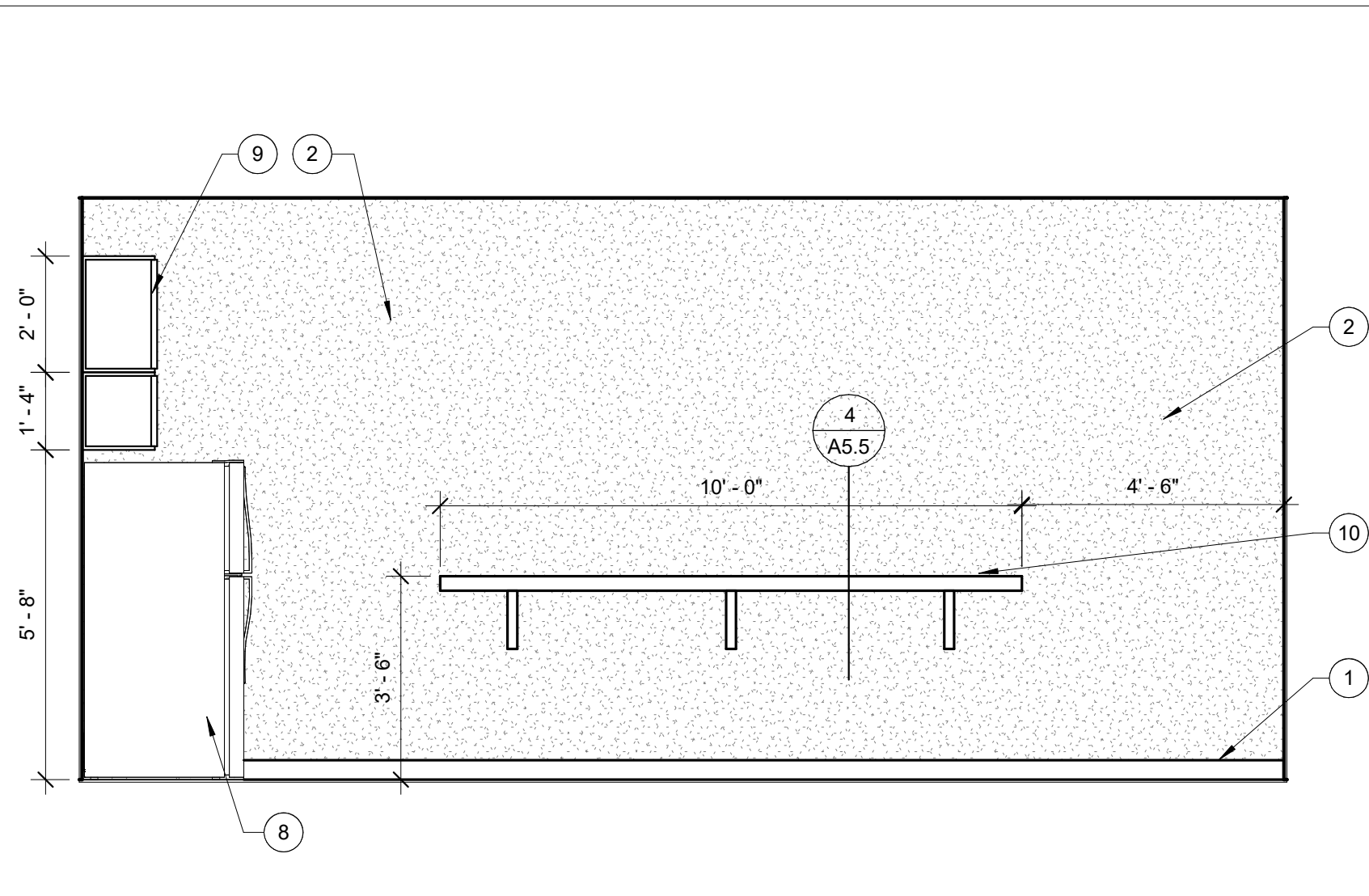
CONSTRUCTION DOCUMENTS



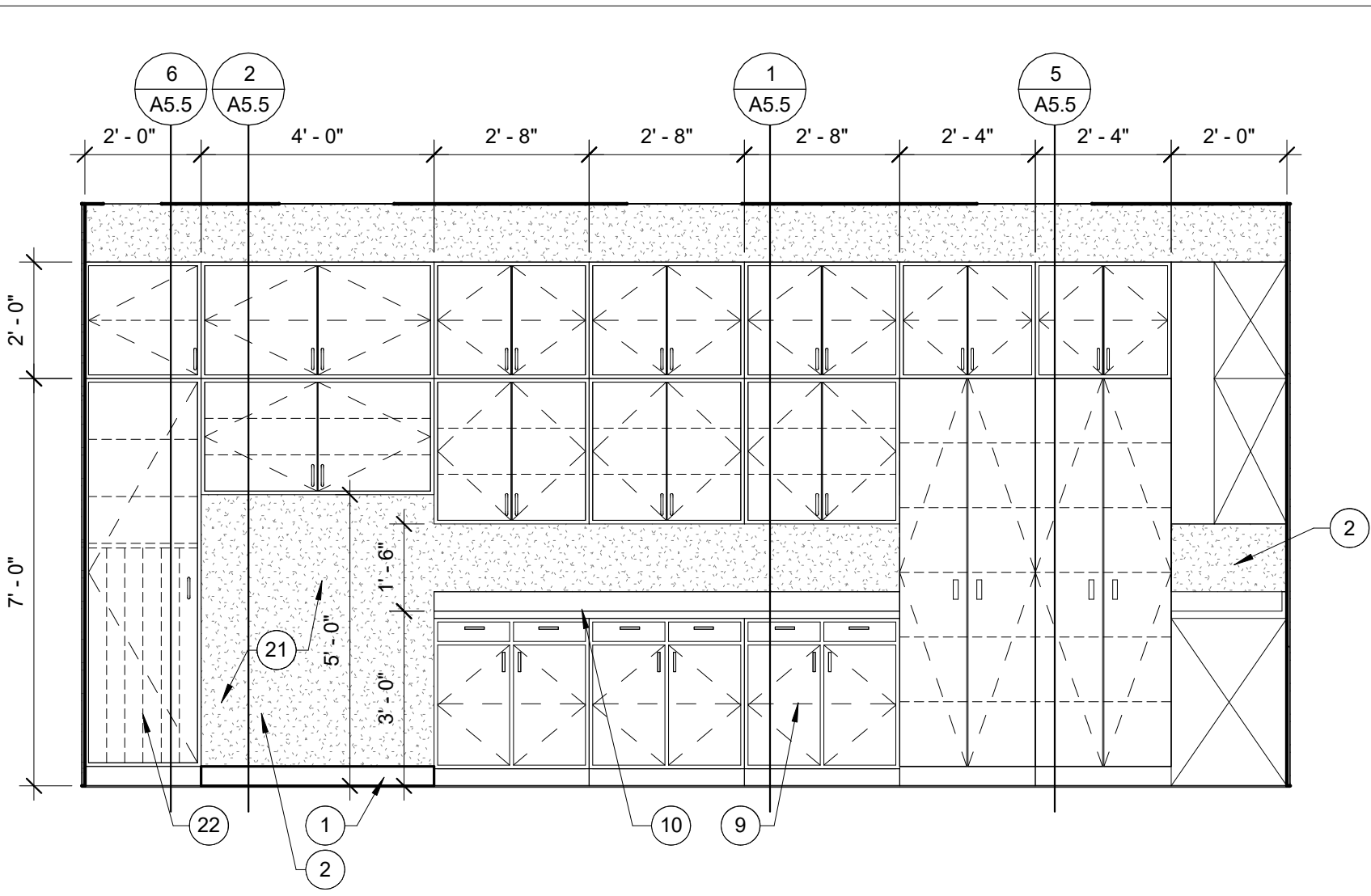
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SCALE: 3/8" = 1'-0"
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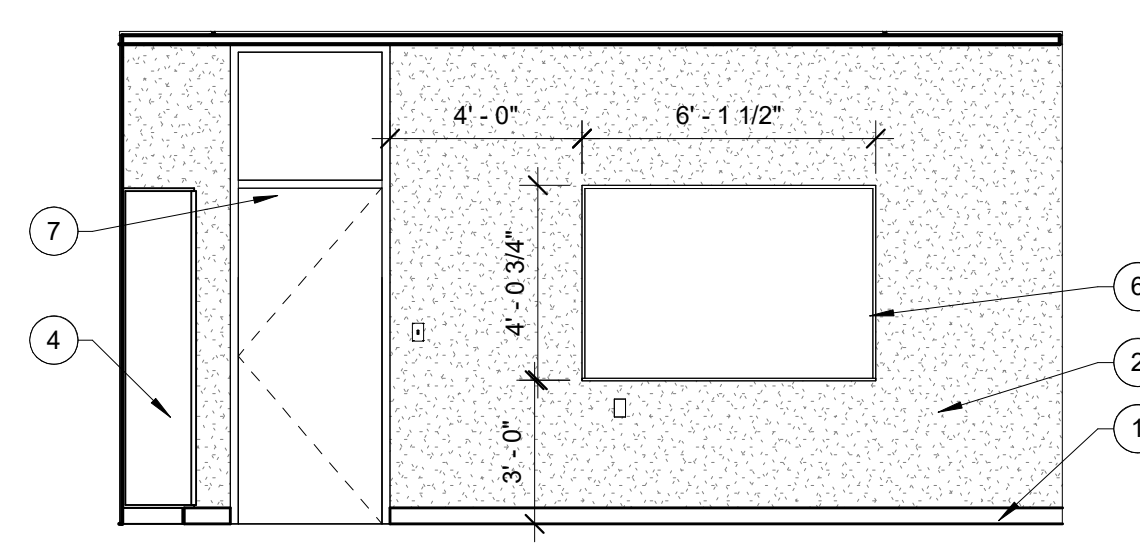
BREAK ROOM 1043 SOUTH
SCALE: 3/8" = 1'-0"
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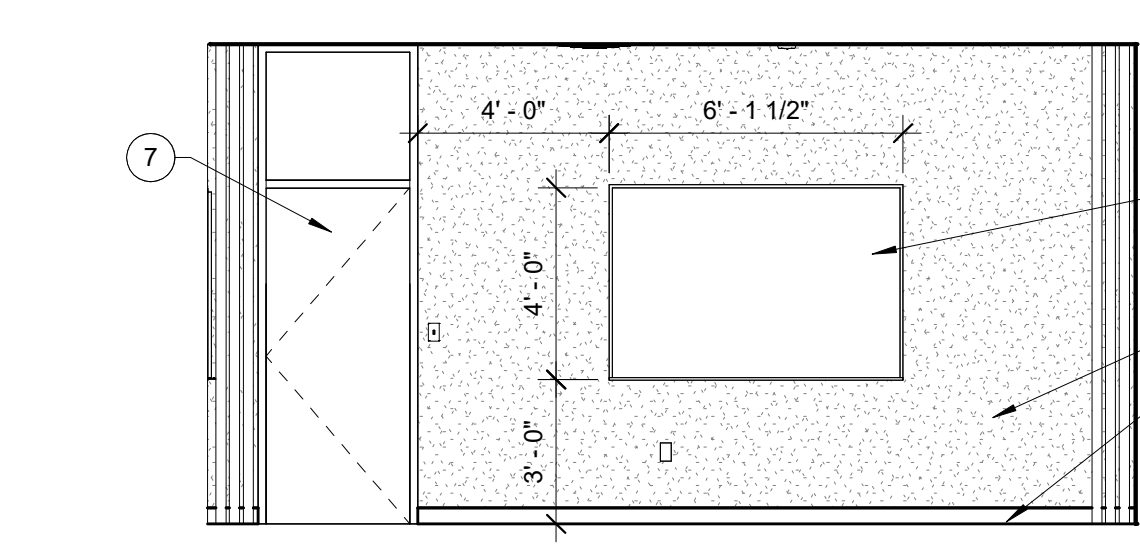
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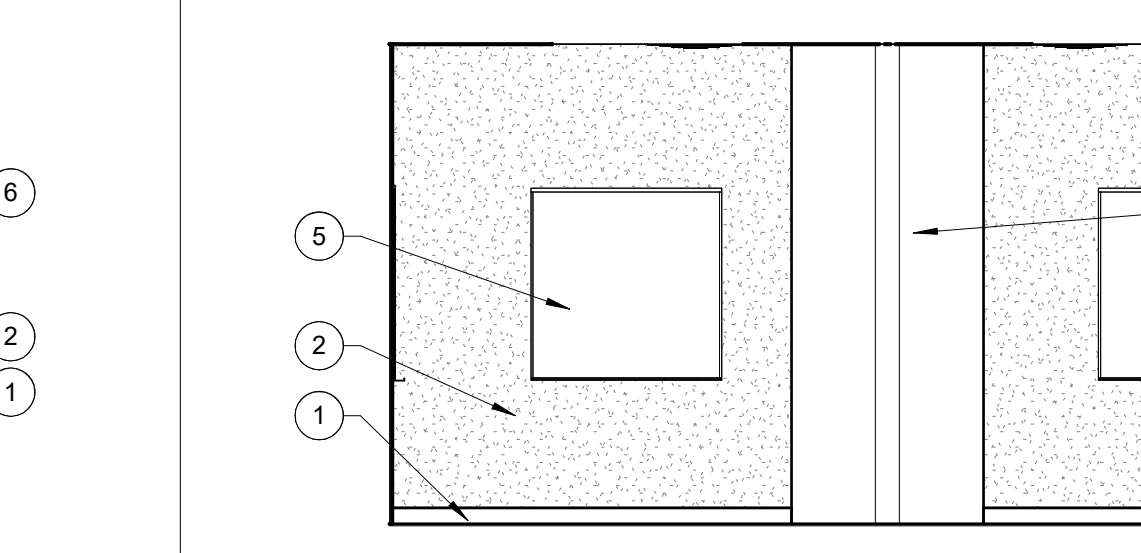
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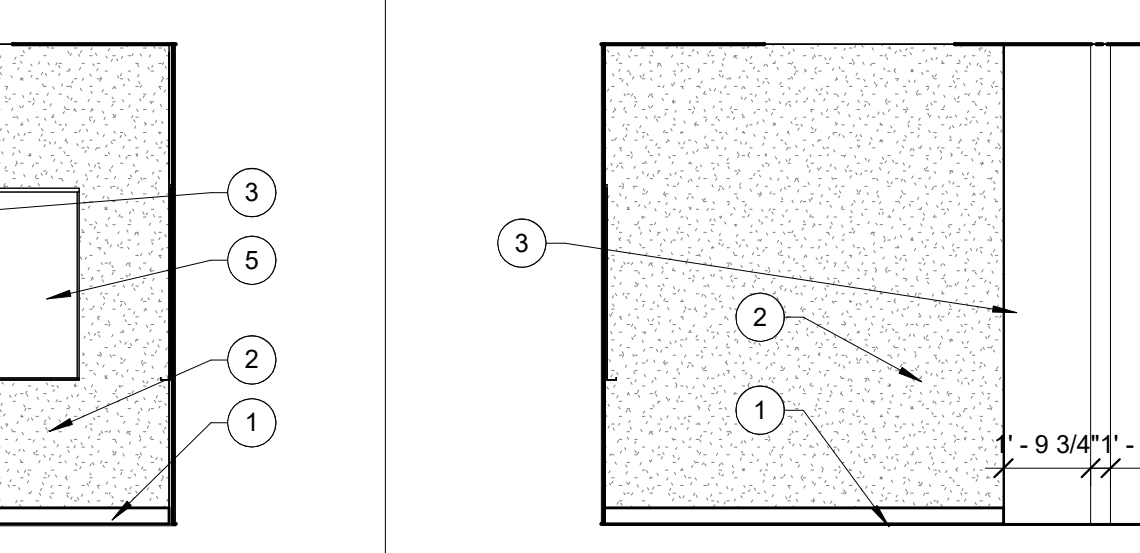
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CONFERENCE ROOM 1045 SOUTH
SCALE: 1/4" = 1'-0"
6



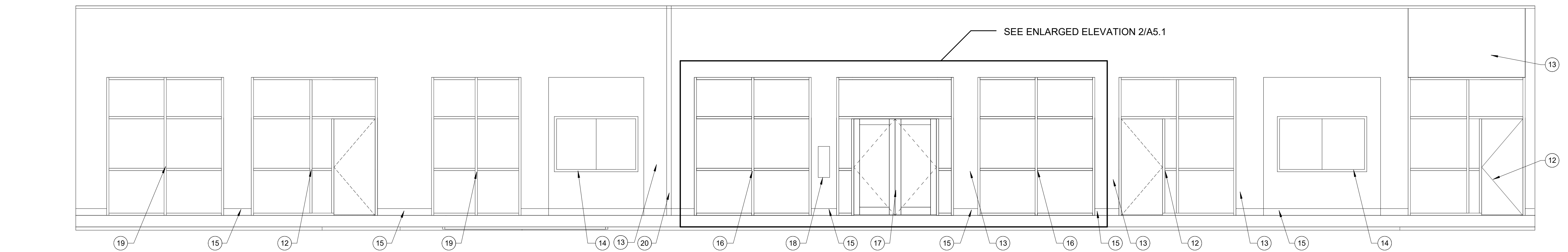
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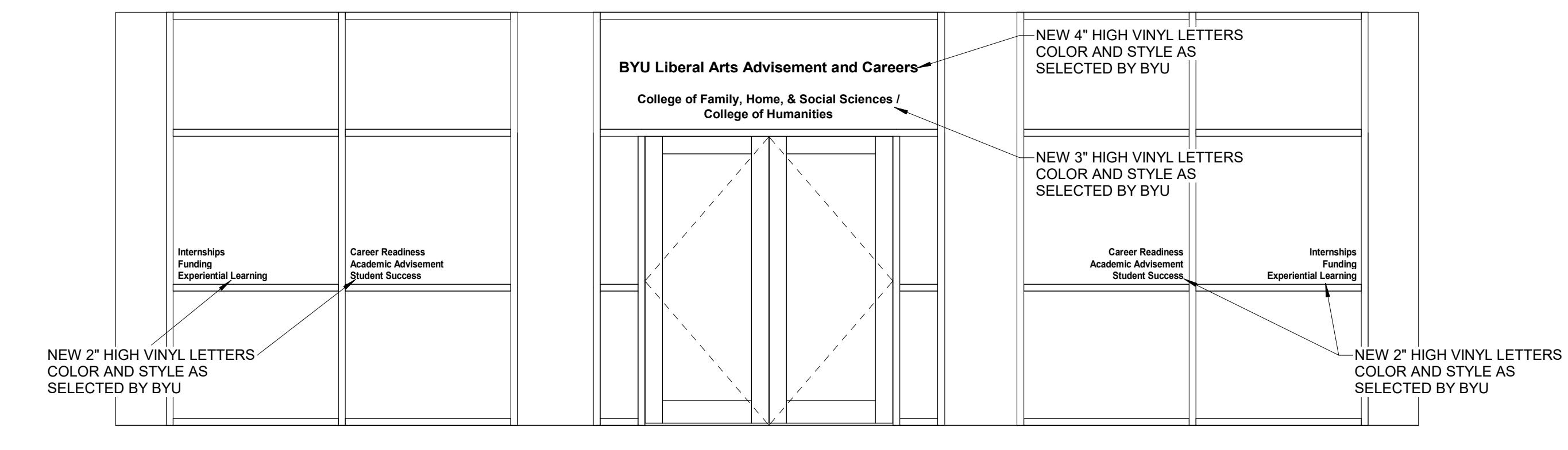
CONFERENCE ROOM 1045 WEST
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REFERENCE NOTES

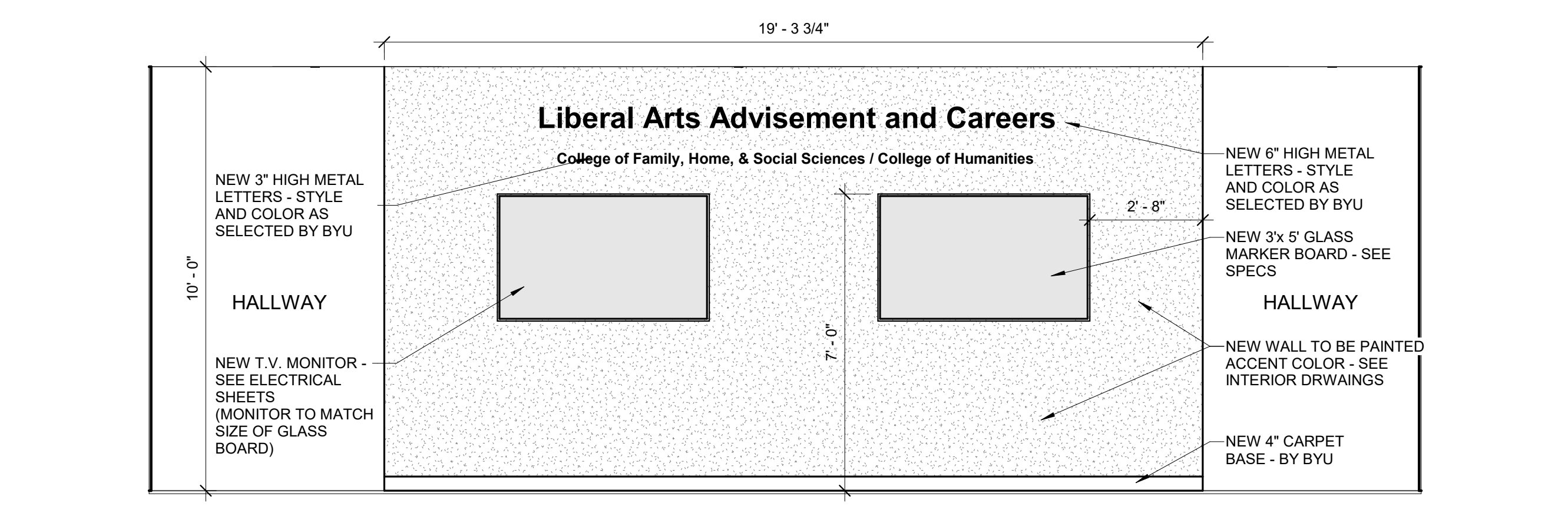
- 1 NEW CARPET BASE - SEE FURNISHINGS PLAN (BY BYU)
- 2 NEW DRYWALL TO BE PAINTED - SEE FURNISHINGS PLAN AND SPECS
- 3 NEW FOLDING PARTITION - SEE SPECS AND DOOR SCHEDULE
- 4 NEW A/V CABINET WITH (5) ADJUSTABLE SHELVES - COLORS AS SELECTED BY THE ARCHITECT - SEE SPECS
- 5 NEW WALL MOUNTED T.V. MONITOR - SEE ELECTRICAL AND OIT SHEETS
- 6 NEW MARKERBOARD TO BE INSTALLED - SEE SPECS
- 7 NEW HARDWOOD DOOR, METAL FRAME, WINDOW GLAZING, AND NEW HARDWARE - SEE DOOR SCHEDULE AND SPECS
- 8 NEW FRIDGE AND MIROWAVE TO BE INSTALLED BY BYU
- 9 NEW CABINETS TO BE INSTALLED AS SHOWN (ALL CABINET DRAWERS AND DOORS TO BE LOCKABLE) - SEE SPECS (COLORS AND STYLE AS SELECTED BY ARCHITECT)
- 10 NEW SOLID SURFACE COUNTER TOP AND BACK SPLASH - SEE SPECS (COLOR AS SELECTED BY ARCHITECT) - COLOR TO BE STARON FW145 "WHIPPOORWILL"
- 11 NEW PLUMBING FIXTURES - SEE PLUMBING SHEETS AND SPECS
- 12 EXISTING HARDWOOD DOOR, METAL FRAME AND GLAZING TO REMAIN. COVER AND PROTECT AS REQUIRED
- 13 EXISTING DRYWALL TO REMAIN. PATCH AND REPAIR AS REQUIRED
- 14 EXISTING WALL MOUNTED DISPLAY CASE TO REMAIN
- 15 EXISTING HARDWOOD BASE TO REMAIN - PATCH AND REPAIR AS REQUIRED BY CONSTRUCTION
- 16 NEW INTERIOR WINDOW WITH METAL FRAME (PAINTED) - SEE WINDOW TYPES, DETAILS, AND SPECS
- 17 NEW GLASS DOOR WITH HARDWOOD, METAL FRAME, AND NEW HARDWARE - SEE DOOR SCHEDULE AND SPECS
- 18 EXISTING FIRE EXTINGUISHER CABINET TO REMAIN
- 19 EXISTING INTERIOR WINDOW SYSTEM TO REMAIN. COVER AND PROTECT AS REQUIRED
- 20 EXISTING BUILDING EXPANSION JOINT COVERS TO BE REMOVED
- 21 NEW COPIER SPACE - SEE FLOOR PLAN
- 22 NEW VERTICAL POSTER DIVIDERS AT 3.75" O.C. - SEE DETAILS AND SPECS



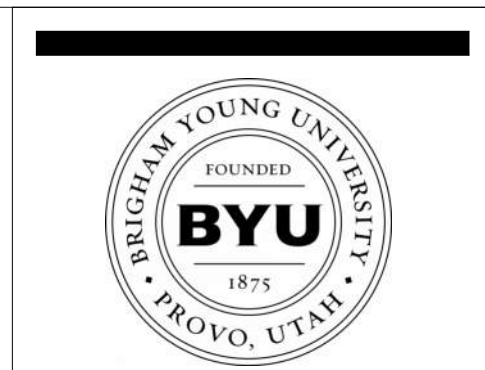
CORRIDOR 1150 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"
3



ENLARGED MAIN ENTRANCE ELEVATION
SCALE: 3/8" = 1'-0"
2



RECEPTION 1049 SOUTH WALL
SCALE: 3/8" = 1'-0"
1



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DRAWN BY: MDL

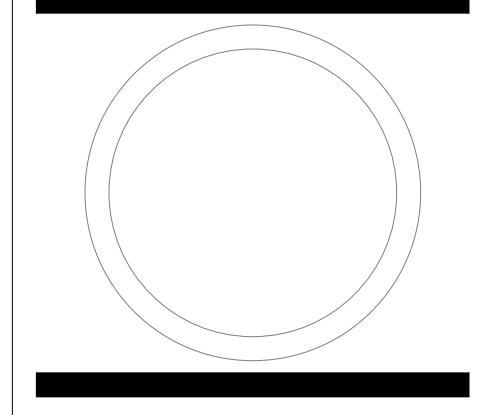
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REVISIONS

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BRIGHAM YOUNG UNIVERSITY
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CONFERENCE & BREAK ROOM ELEVATIONS

WORK ORDER & SHEET NO.

K8101
A5.1

CONSTRUCTION DOCUMENTS

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REFERENCE NOTES

- 1 NEW CARPET BASE - SEE FURNISHINGS PLAN (BY BYU)
- 2 EXISTING DRYWALL TO REMAIN. PATCH AND REPAIR AS REQUIRED
- 3 NEW KV SHELVES TO BE INSTALLED AS SHOWN - SEE SPECS
- 4 NEW DRYWALL TO BE PAINTED - SEE FURNISHINGS PLAN AND SPECS
- 5 NEW MARKERBOARD TO BE INSTALLED - SEE SPECS
- 6 NEW HARDWOOD DOOR, METAL FRAME, WINDOW GLAZING, AND NEW HARDWARE - SEE DOOR SCHEDULE AND SPECS
- 7 NEW METAL WINDOW FRAME AND GLAZING - SEE WINDOW TYPES AND SPECS
- 8 NEW FRAMING AND DRYWALL AROUND EXISTING STEEL COLUMN - SEE DETAILS ON SHEET A3.2



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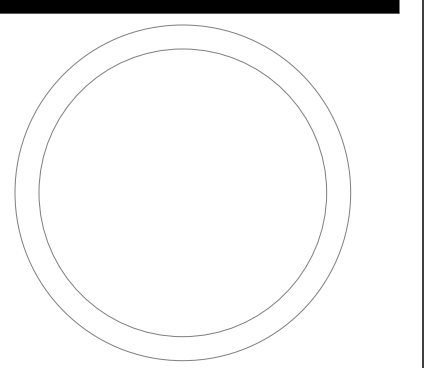
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INTERIOR ELEVATIONS - OFFICES

WORK ORDER & SHEET NO.

**K8101
A5.2**

CONSTRUCTION DOCUMENTS

OFFICE 1049Y NORTH SCALE: 1/4" = 1'-0" 21	OFFICE 1049D NORTH SCALE: 1/4" = 1'-0" 17	OFFICE 1049C NORTH SCALE: 1/4" = 1'-0" 13	OFFICE 1049E NORTH SCALE: 1/4" = 1'-0" 9	OFFICE 1049B NORTH SCALE: 1/4" = 1'-0" 5	OFFICE 1049A NORTH SCALE: 1/4" = 1'-0" 1
OFFICE 1049Y SOUTH SCALE: 1/4" = 1'-0" 22	OFFICE 1049D SOUTH SCALE: 1/4" = 1'-0" 18	OFFICE 1049C SOUTH SCALE: 1/4" = 1'-0" 14	OFFICE 1049E SOUTH SCALE: 1/4" = 1'-0" 10	OFFICE 1049B SOUTH SCALE: 1/4" = 1'-0" 6	OFFICE 1049A SOUTH SCALE: 1/4" = 1'-0" 2
OFFICE 1049Y EAST SCALE: 1/4" = 1'-0" 23	OFFICE 1049D EAST SCALE: 1/4" = 1'-0" 19	OFFICE 1049C EAST SCALE: 1/4" = 1'-0" 15	OFFICE 1049E EAST SCALE: 1/4" = 1'-0" 11	OFFICE 1049B EAST SCALE: 1/4" = 1'-0" 7	OFFICE 1049A EAST SCALE: 1/4" = 1'-0" 3
OFFICE 1049Y WEST SCALE: 1/4" = 1'-0" 24	OFFICE 1049D WEST SCALE: 1/4" = 1'-0" 20	OFFICE 1049C WEST SCALE: 1/4" = 1'-0" 16	OFFICE 1049E WEST SCALE: 1/4" = 1'-0" 12	OFFICE 1049B WEST SCALE: 1/4" = 1'-0" 8	OFFICE 1049A WEST SCALE: 1/4" = 1'-0" 4

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REFERENCE NOTES

- 1 NEW CARPET BASE - SEE FURNISHINGS PLAN (BY BYU)
- 2 NEW DRYWALL TO BE PAINTED - SEE FURNISHINGS PLAN AND SPECS
- 3 NEW KV SHELVES TO BE INSTALLED AS SHOWN - SEE SPECS
- 4 NEW METAL WINDOW FRAME AND GLAZING - SEE WINDOW TYPES AND SPECS
- 5 NEW HARDWOOD DOOR, METAL FRAME, WINDOW GLAZING, AND NEW HARDWARE - SEE DOOR SCHEDULE AND SPECS
- 6 NEW MARKERBOARD TO BE INSTALLED - SEE SPECS
- 7 EXISTING DRYWALL TO REMAIN. PATCH AND REPAIR AS REQUIRED
- 8 EXISTING WINDOW SILL TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION
- 9 EXISTING ALUM. WINDOW AND BLINDS TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION
- 10 NEW WINDOW WITH METAL FRAME - SEE WINDOW TYPES
- 11 EXISTING PREFABRICATED paneled wall system to remain. PATCH, REPAIR, AND PROTECT AS REQUIRED



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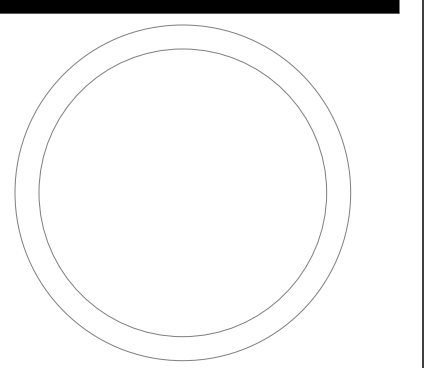
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INTERIOR ELEVATIONS - OFFICES

WORK ORDER & SHEET NO.

**K8101
A5.3**

CONSTRUCTION DOCUMENTS

 OFFICE 1049X NORTH SCALE: 1/4" = 1'-0" 21	 OFFICE 1049P NORTH SCALE: 1/4" = 1'-0" 17	 OFFICE 1049Q NORTH SCALE: 1/4" = 1'-0" 13	 OFFICE 1049U NORTH SCALE: 1/4" = 1'-0" 9	 OFFICE 1049T NORTH SCALE: 1/4" = 1'-0" 5	 OFFICE 1049S NORTH SCALE: 1/4" = 1'-0" 1
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REFERENCE NOTES

- 1 NEW CARPET BASE - SEE FURNISHINGS PLAN (BY BYU)
- 2 NEW MARKERBOARD TO BE INSTALLED - SEE SPECS
- 3 NEW DRYWALL TO BE PAINTED - SEE FURNISHINGS PLAN AND SPECS
- 4 EXISTING CARPET BASE TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION
- 5 EXISTING DRYWALL TO REMAIN. PATCH AND REPAIR AS REQUIRED
- 6 EXISTING WINDOW SILL TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION
- 7 EXISTING ALUM. WINDOW AND BLINDS TO REMAIN. COVER AND PROTECT DURING CONSTRUCTION
- 8 NEW KV SHELVES TO BE INSTALLED AS SHOWN - SEE SPECS
- 9 EXISTING MARKER BOARDS TO REMAIN
- 10 EXISTING PREFABRICATED paneled wall system to remain. PATCH, REPAIR, AND PROTECT AS REQUIRED
- 11 EXISTING HARDWOOD DOOR, METAL FRAME AND GLAZING TO REMAIN. COVER AND PROTECT AS REQUIRED
- 12 EXISTING KV SHELVING TO REMAIN. PATCH AND REPAIR AS REQUIRED



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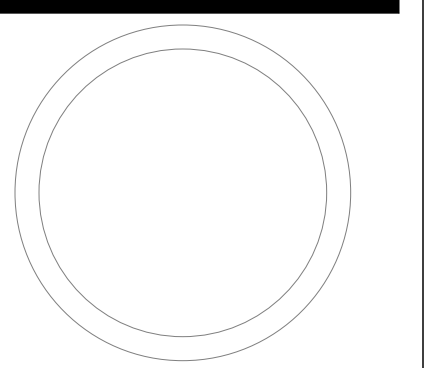
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**K8101
A5.4**

CONSTRUCTION DOCUMENTS

OFFICE 1049N NORTH 21 SCALE: 1/4" = 1'-0"	OFFICE 1049M NORTH 17 SCALE: 1/4" = 1'-0"	OFFICE 1049K NORTH 13 SCALE: 1/4" = 1'-0"	OFFICE 1049H NORTH 9 SCALE: 1/4" = 1'-0"	OFFICE 1049G NORTH 5 SCALE: 1/4" = 1'-0"	OFFICE 1049F NORTH 1 SCALE: 1/4" = 1'-0"
OFFICE 1049N SOUTH 22 SCALE: 1/4" = 1'-0"	OFFICE 1049M SOUTH 18 SCALE: 1/4" = 1'-0"	OFFICE 1049K SOUTH 14 SCALE: 1/4" = 1'-0"	OFFICE 1049H SOUTH 10 SCALE: 1/4" = 1'-0"	OFFICE 1049G SOUTH 6 SCALE: 1/4" = 1'-0"	OFFICE 1049F SOUTH 2 SCALE: 1/4" = 1'-0"
OFFICE 1049N EAST 23 SCALE: 1/4" = 1'-0"	OFFICE 1049M EAST 19 SCALE: 1/4" = 1'-0"	OFFICE 1049K EAST 15 SCALE: 1/4" = 1'-0"	OFFICE 1049H EAST 11 SCALE: 1/4" = 1'-0"	OFFICE 1049G EAST 7 SCALE: 1/4" = 1'-0"	OFFICE 1049F EAST 3 SCALE: 1/4" = 1'-0"
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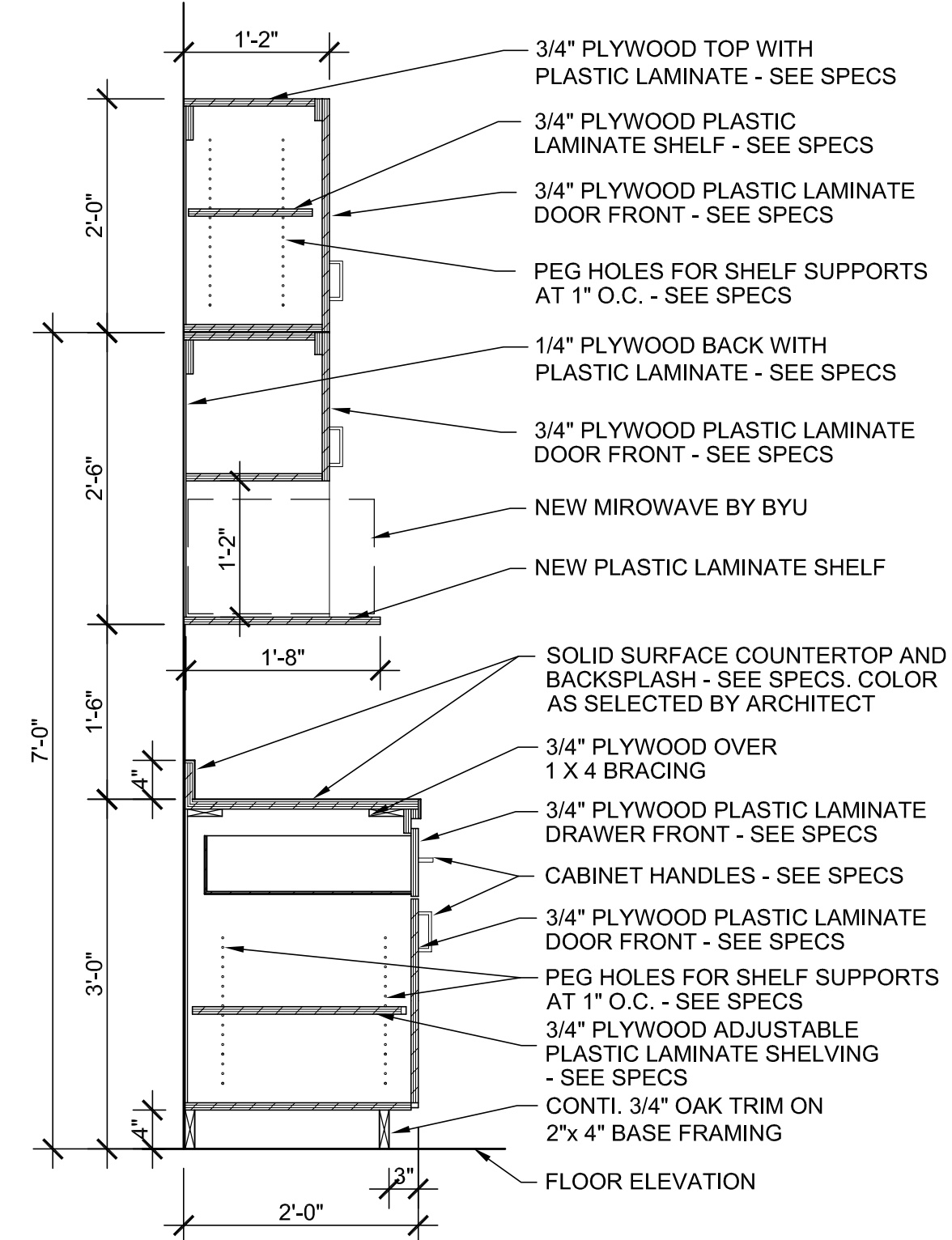
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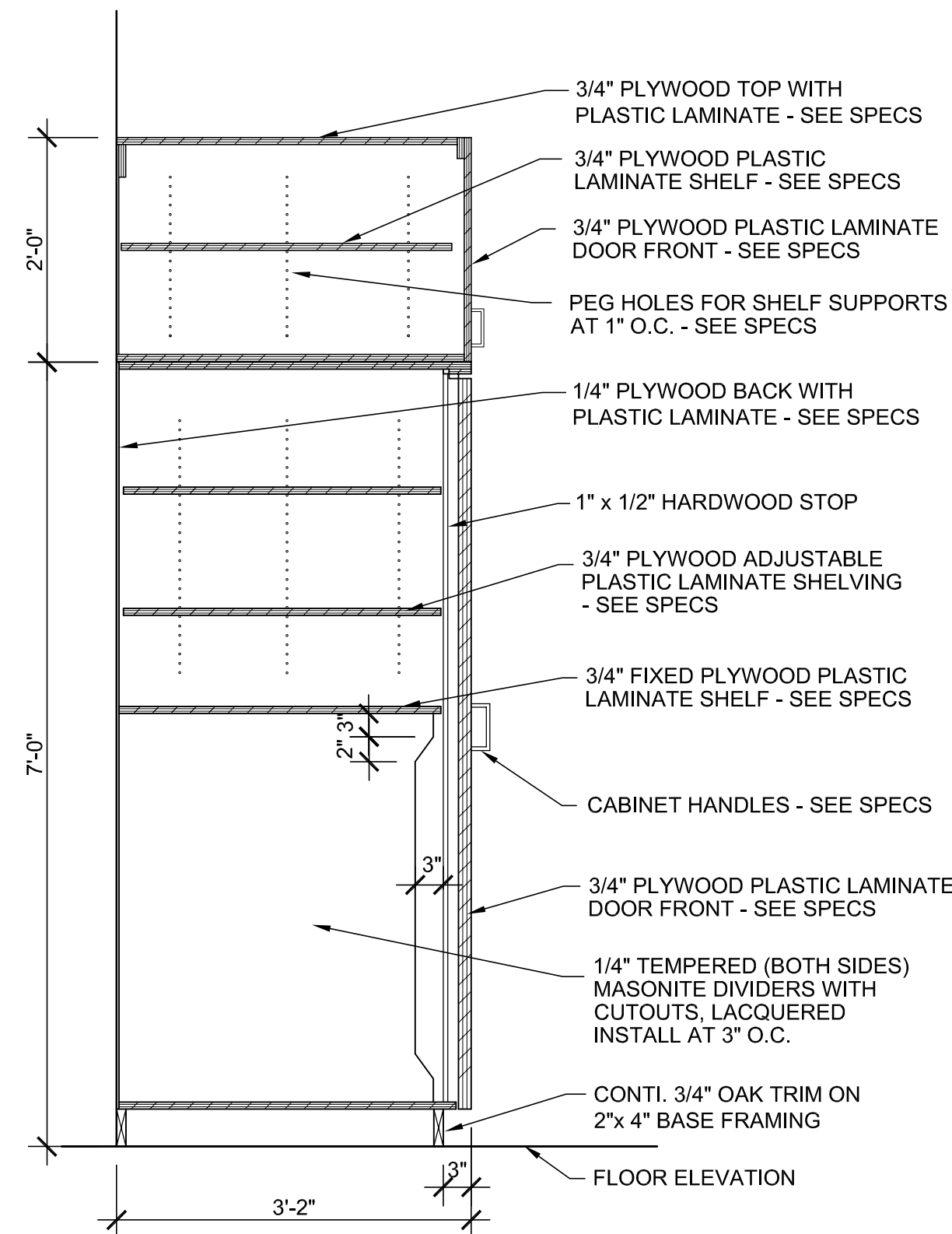
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REVISIONS

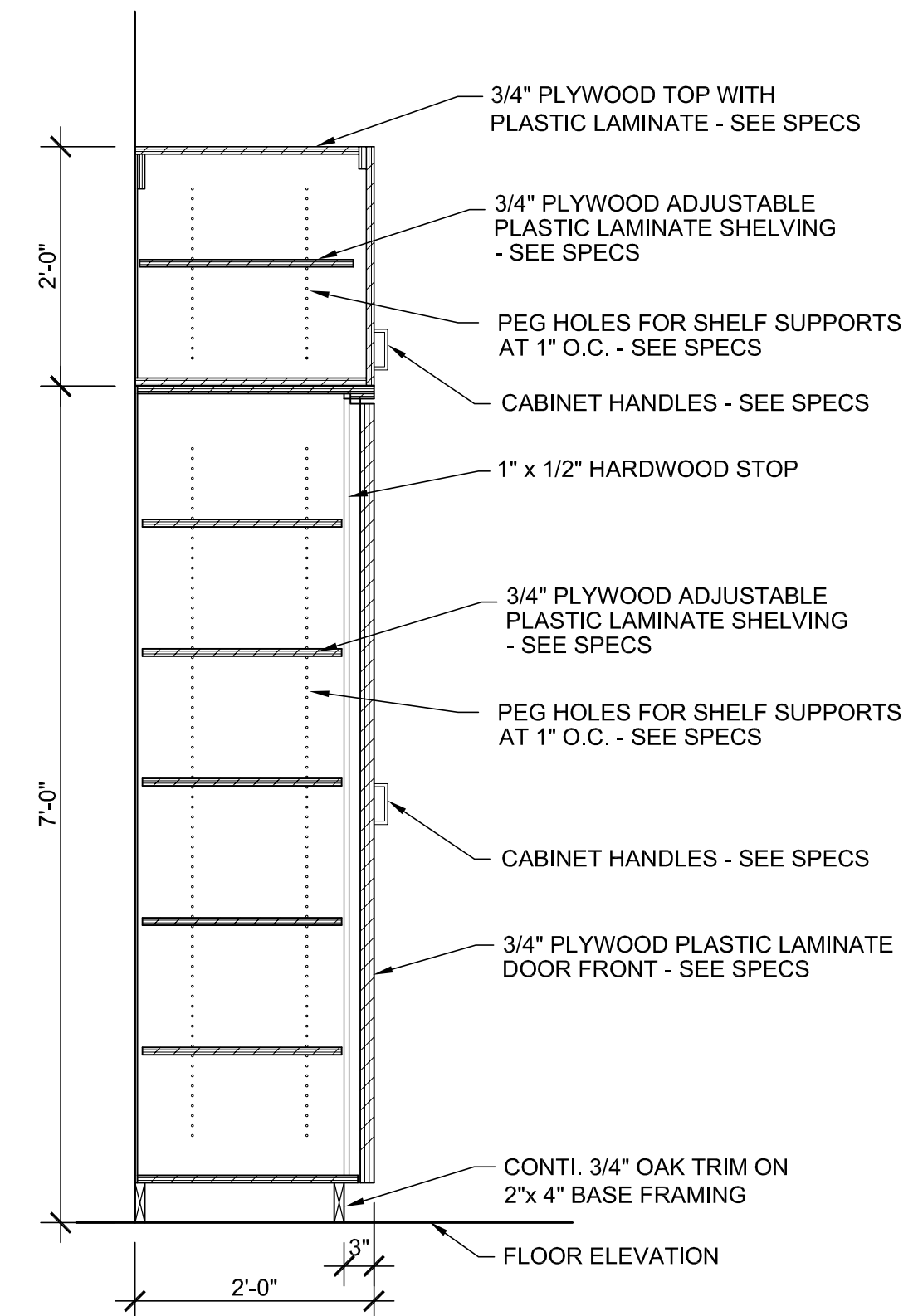
GENERAL NOTES:
 - AS A MATTER OF CLARIFICATION, THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR THE SPECS ON THE CABINET HARDWARE, HINGES, DOOR PULLS, AND THE CABINETS LOCK SETS.
 - ALL DOORS AND DRAWERS ARE TO HAVE LOCK SET INSTALLED.
 - ALL CABINET PLYWOOD IS TO 3/4" THICK AND ARE TO BE PLASTIC LAMINATE COVERING AS SELECTED BY ARCHITECT.



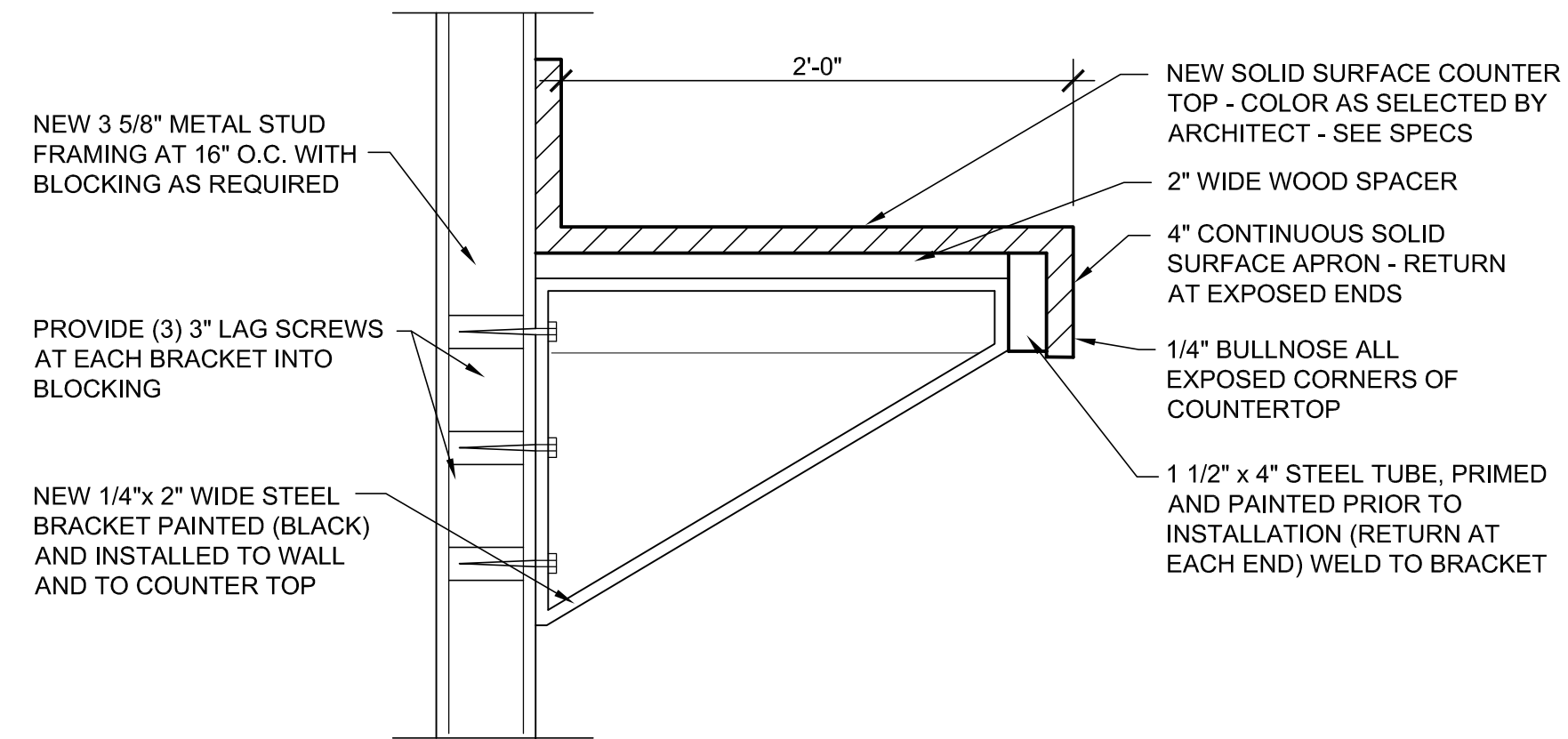
CABINET SECTION AT MIROWAVE
 SCALE: 3/4"= 1'-0" **7**



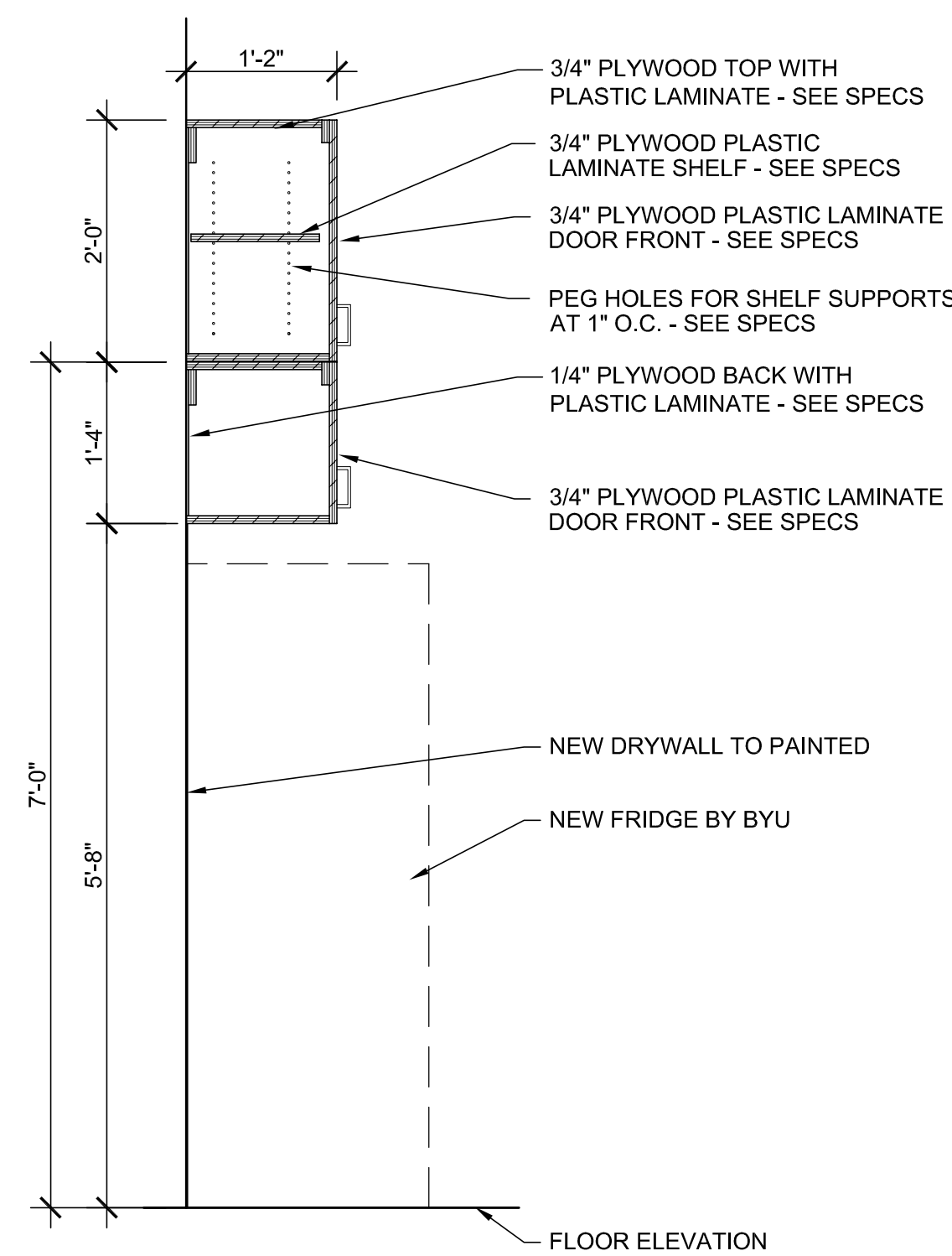
TALL CABINET SECTION
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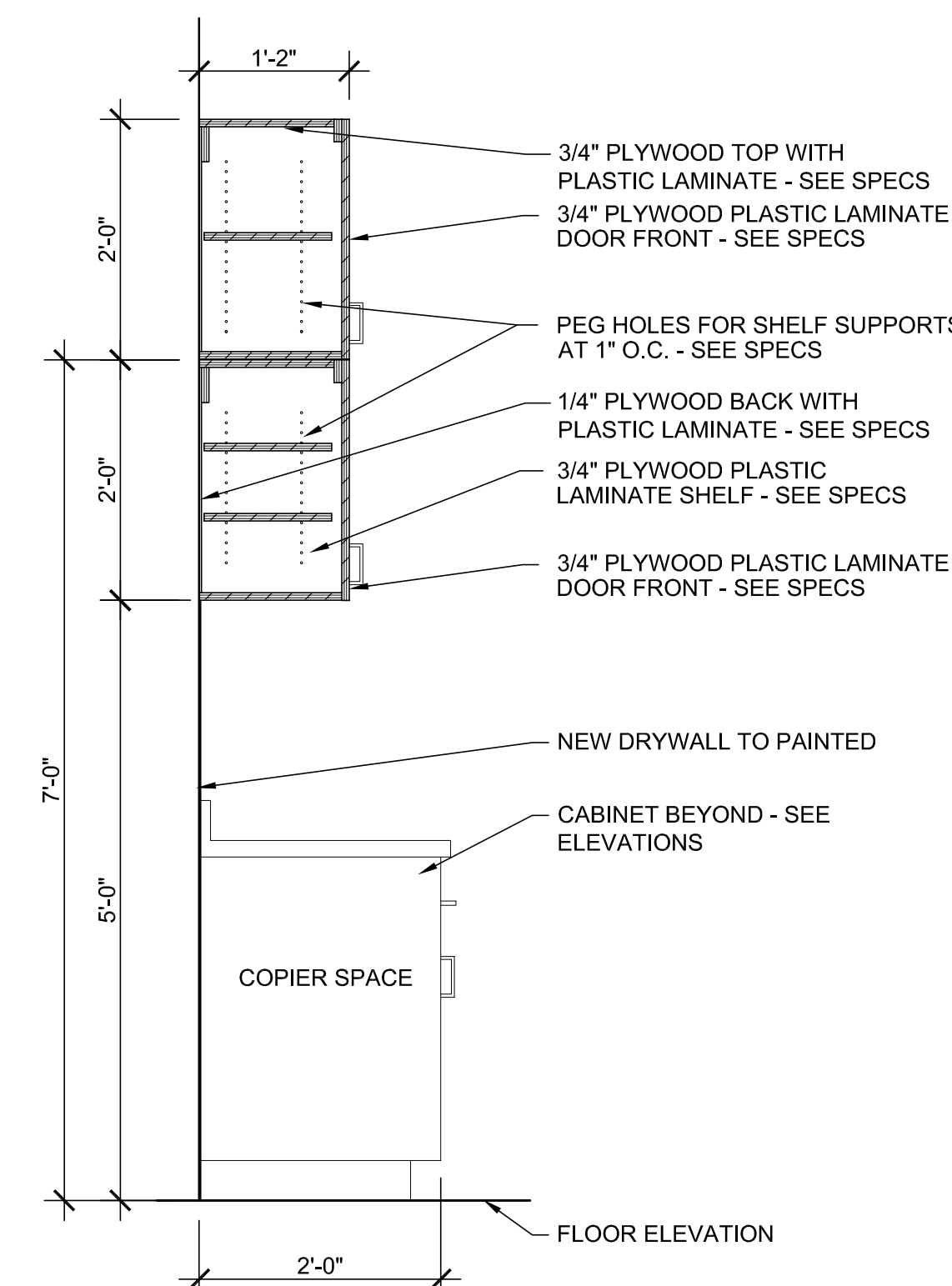
TALL CABINET SECTION
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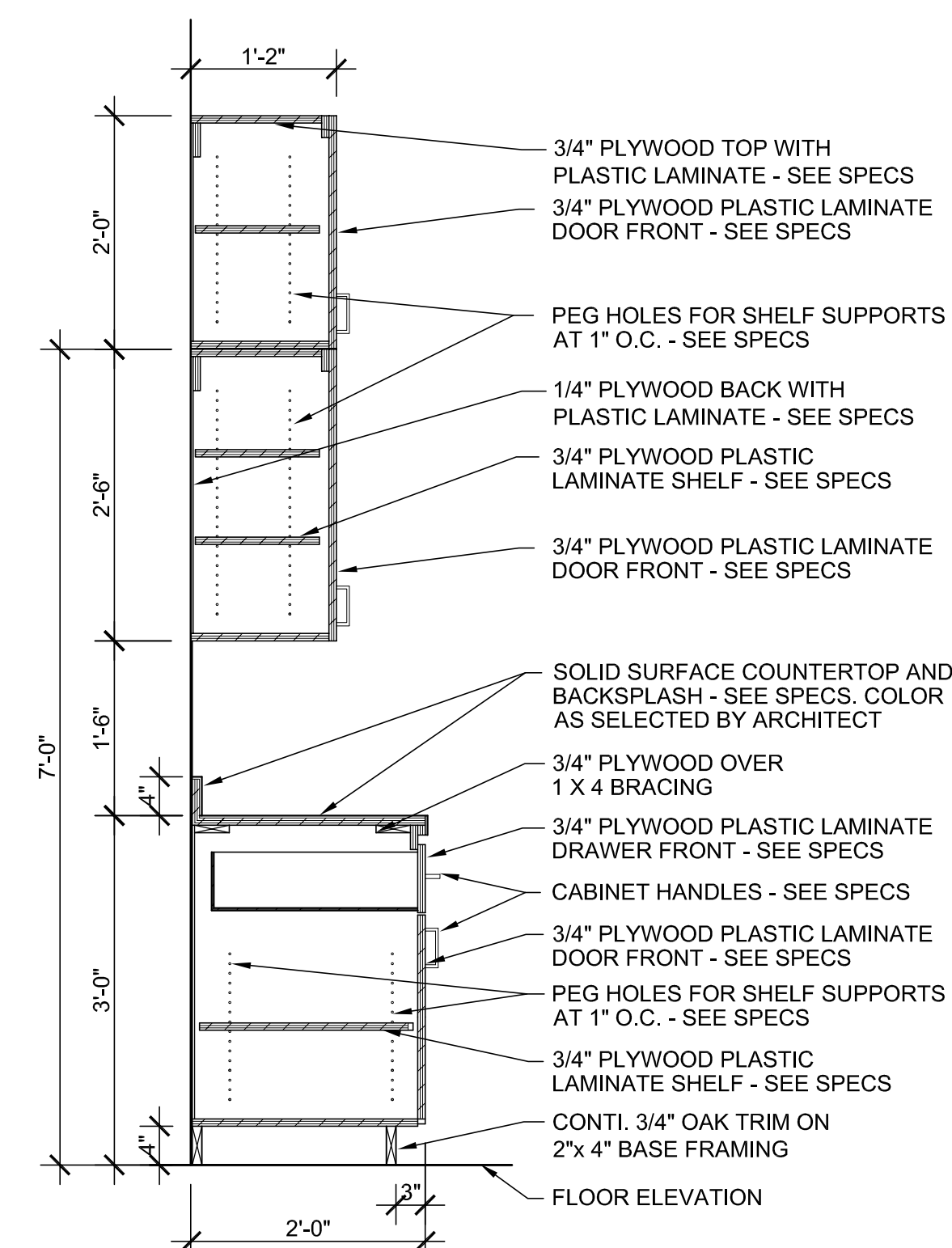
VANITY DESK CABINET SECTION
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CABINET SECTION AT FRIDGE
 SCALE: 3/4"= 1'-0" **3**

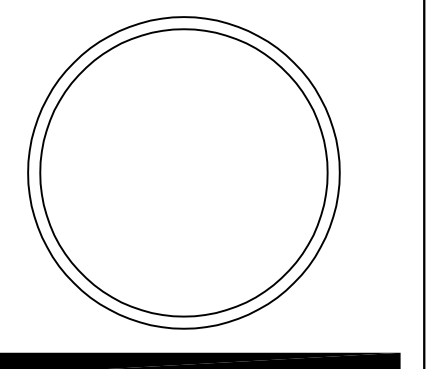


CABINET SECTION AT COPY AREA
 SCALE: 3/4"= 1'-0" **2**



CABINET SECTION
 SCALE: 3/4"= 1'-0" **1**

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CABINET DETAILS

WORK ORDER & SHEET NO.

K8101
A5.5

CONSTRUCTION DOCUMENTS



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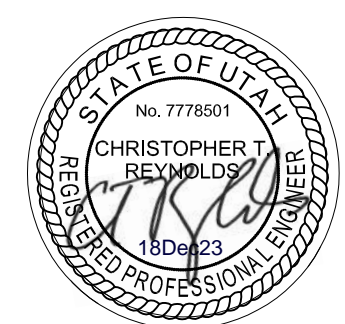
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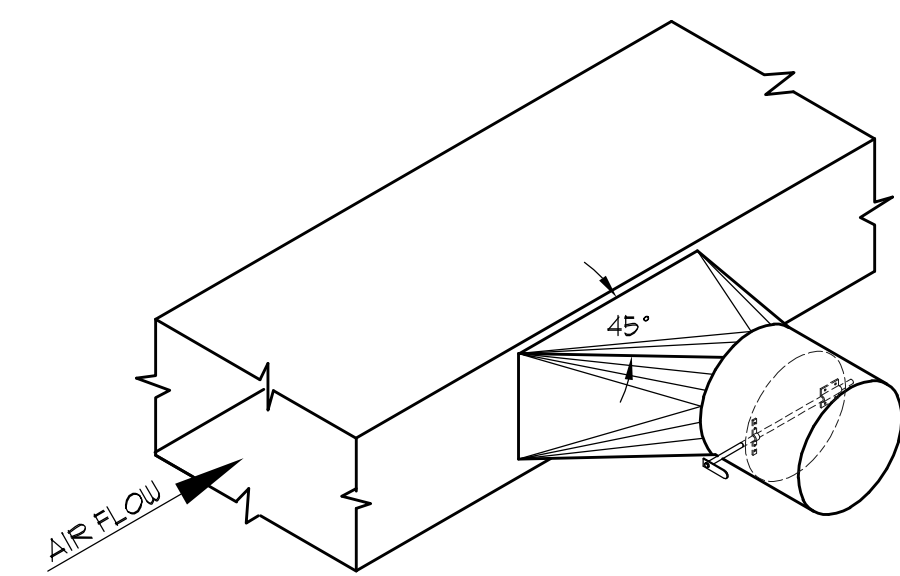


MECHANICAL SCHEDULES AND DETAILS

WORK ORDER & SHEET NO.

K8101 M0.1

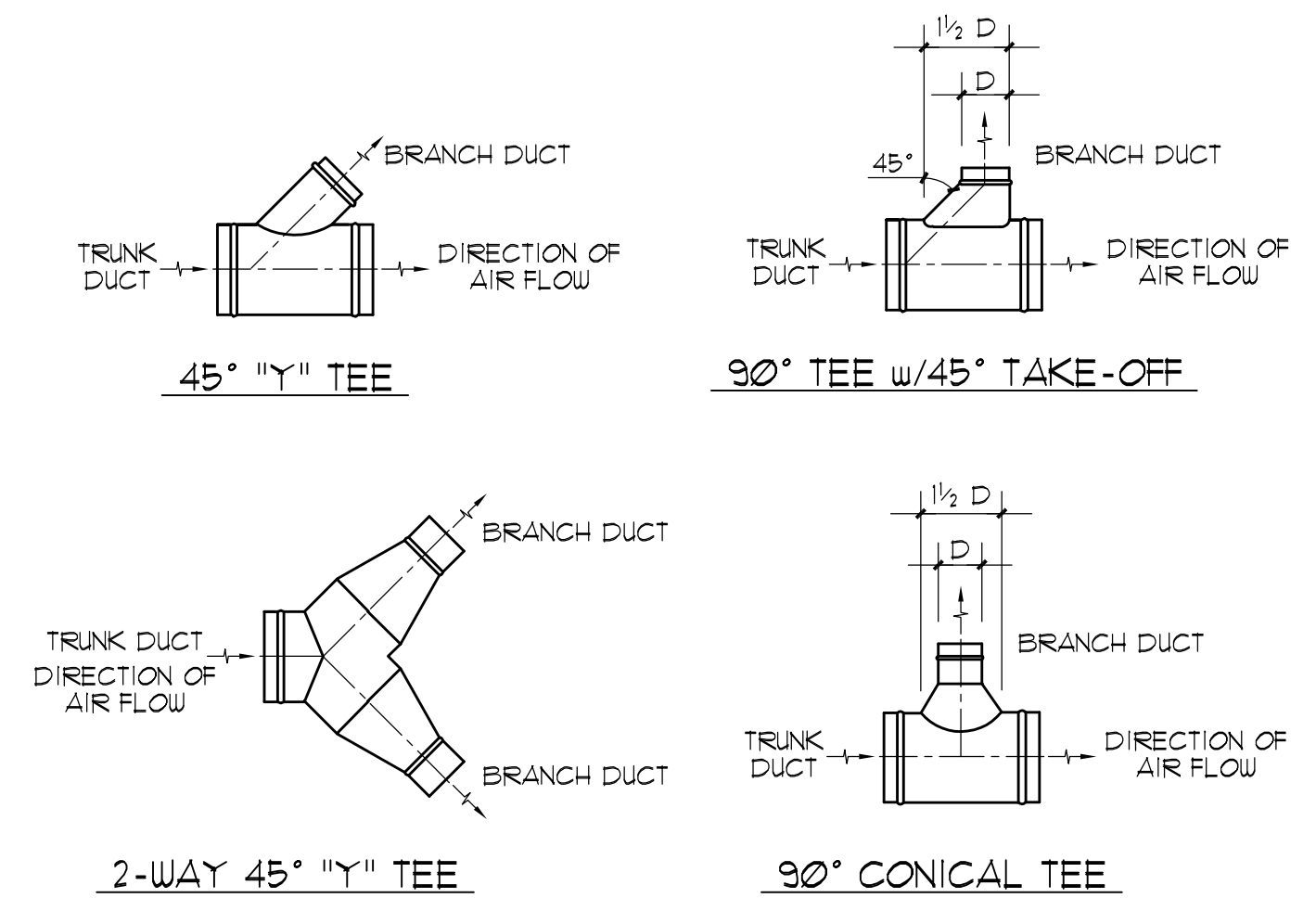
CONSTRUCTION DOCS - SHOPS



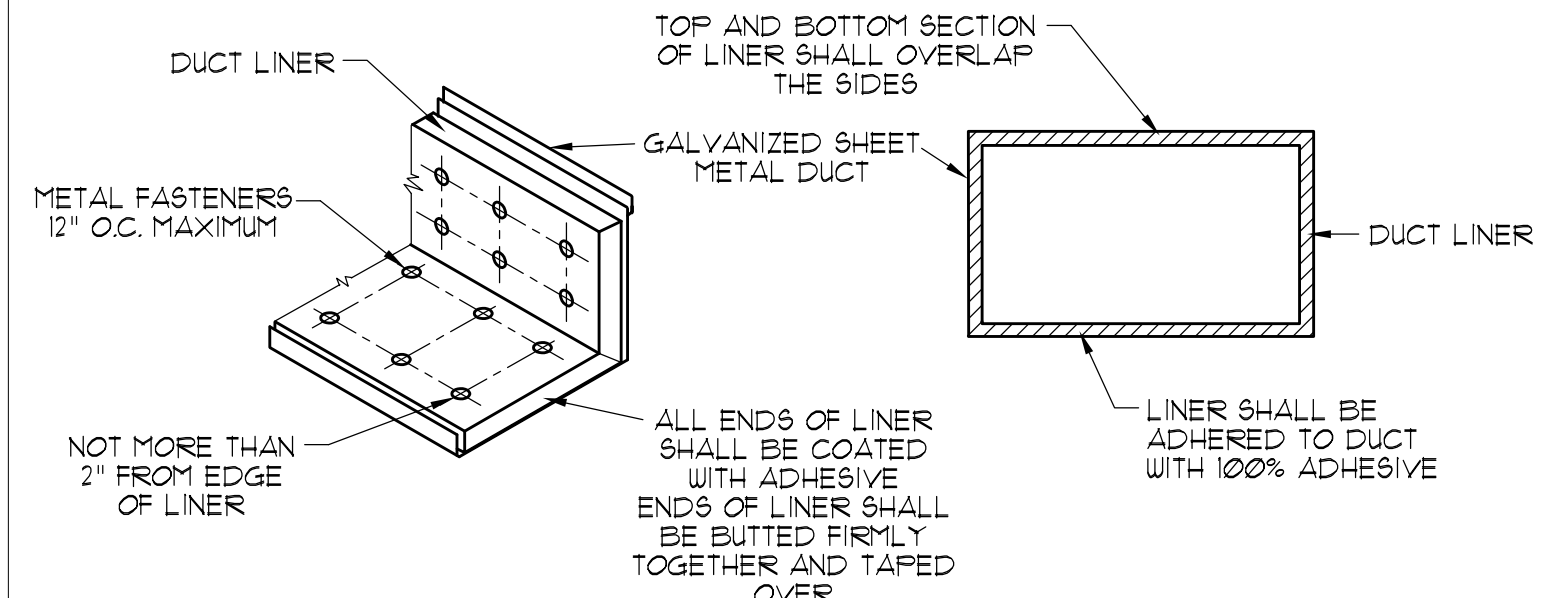
MANUFACTURED HIGH EFFICIENCY TAKE-OFF w/FLANGE AND 2" DAMPER HANDLE EXTENSION. HET SHALL HAVE AN ADJUSTABLE VOLUME DAMPER AND POSITIVE LOCKING HARDWARE. HET FLANGE SHALL BE SUPPLIED WITH AN ADHESIVE COATED DOUBLE FACED GASKET TO ASSURE A TIGHT SEAL. HET SHALL BE BUILT IN ACCORDANCE WITH SMACNA STANDARDS 4 SHALL BE TESTED BY ETL TESTING LABS, AS MANUFACTURED BY SHEET METAL CONNECTORS INC. OR EQUAL.

NOTE: TAKE-OFFS SHOULD NOT BE INSTALLED CLOSER THAN TWO DUCT WIDTHS TO ELBOWS OR INTERSECTIONS

HIGH EFFICIENCY TAKE-OFF w/DAMPER DETAIL 3

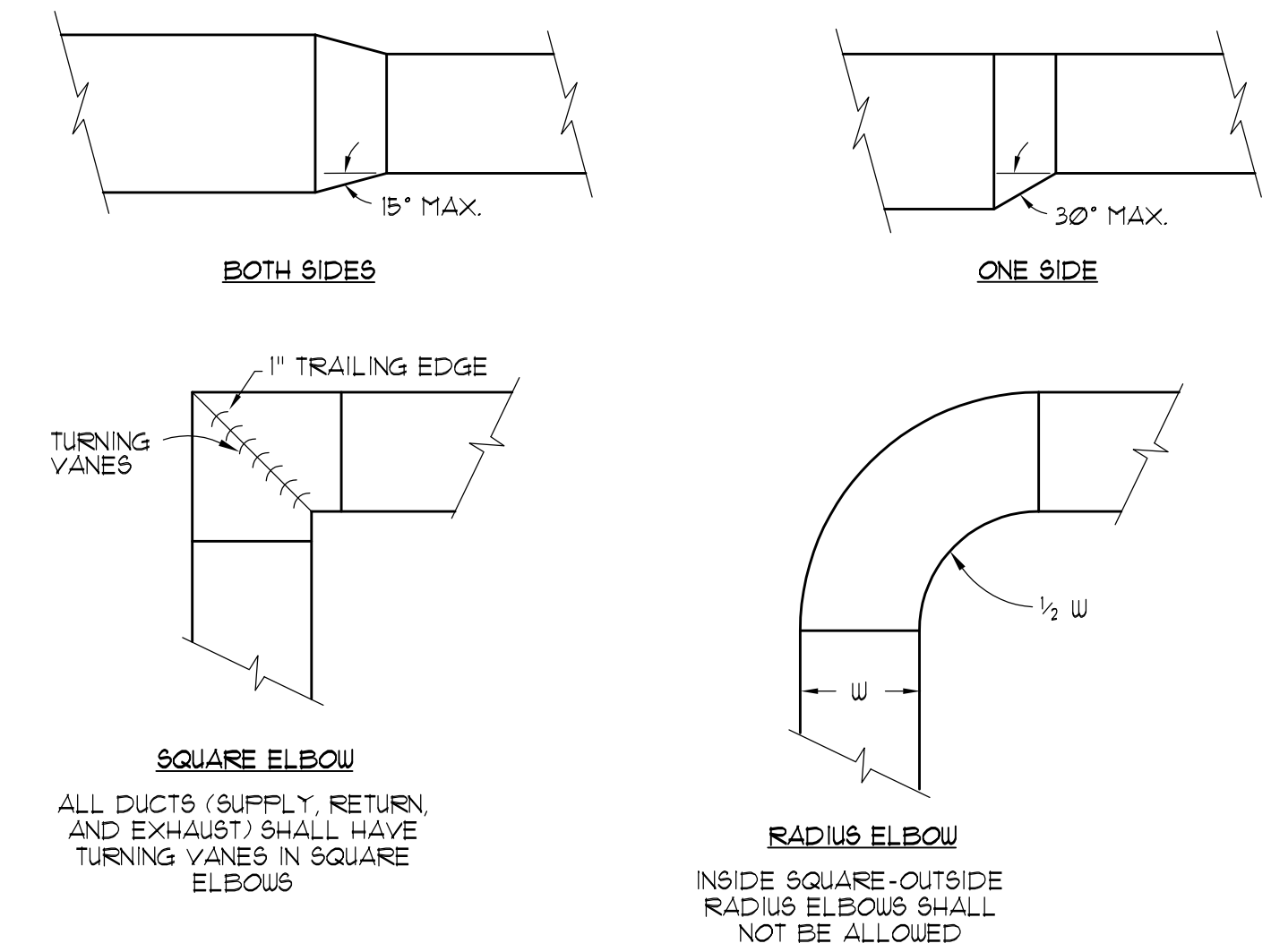


ROUND/OVAL DUCT BRANCH TAKE-OFF DETAILS 6

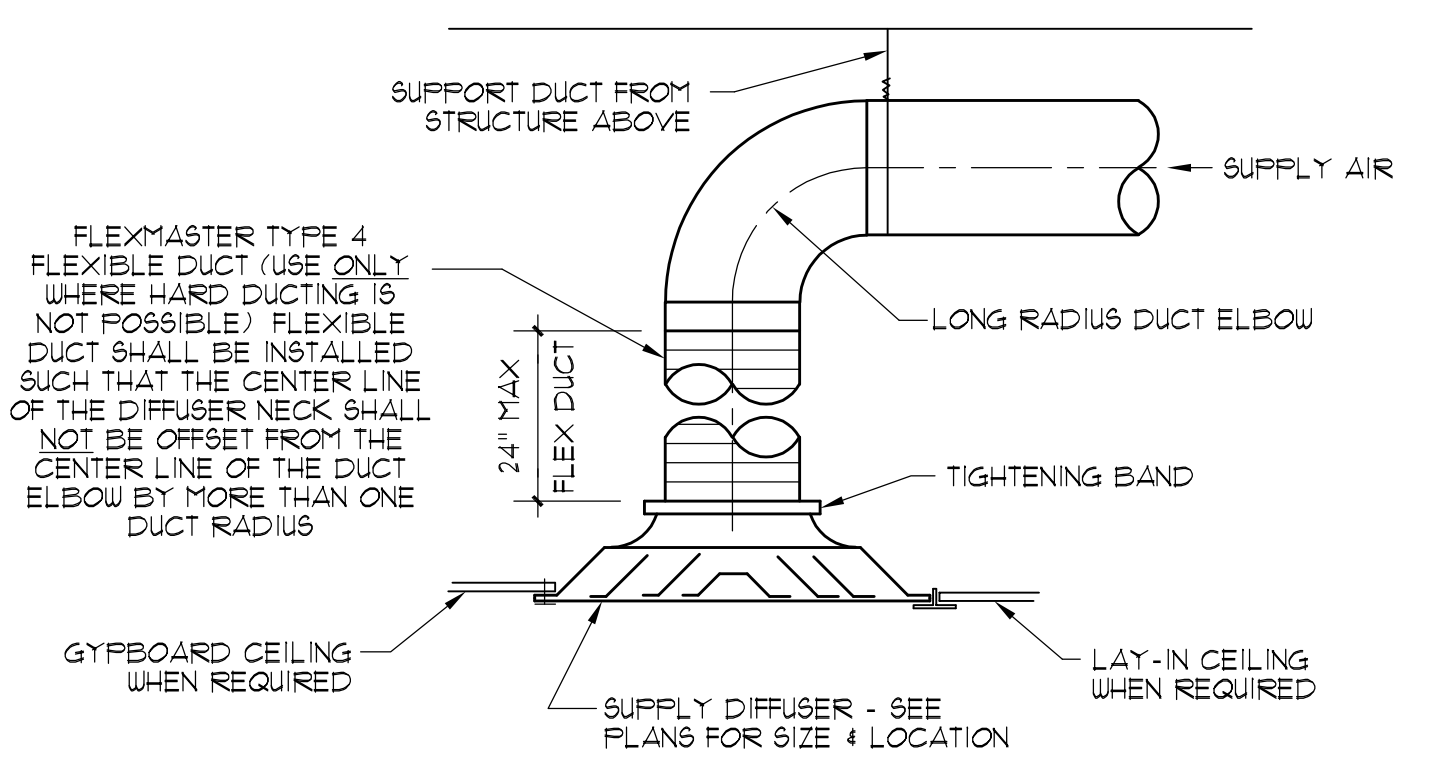


TOP AND BOTTOM SECTION OF LINER SHALL OVERLAP THE SIDES
 ALL ENDS OF LINER SHALL BE COATED WITH ADHESIVE
 ENDS OF LINER SHALL BE BUTTED FIRMLY TOGETHER AND TAPED OVER
 LINER SHALL BE ADHERED TO DUCT WITH 100% ADHESIVE
 METAL FASTENERS 12" O.C. MAXIMUM
 NOT MORE THAN 2" FROM EDGE OF LINER

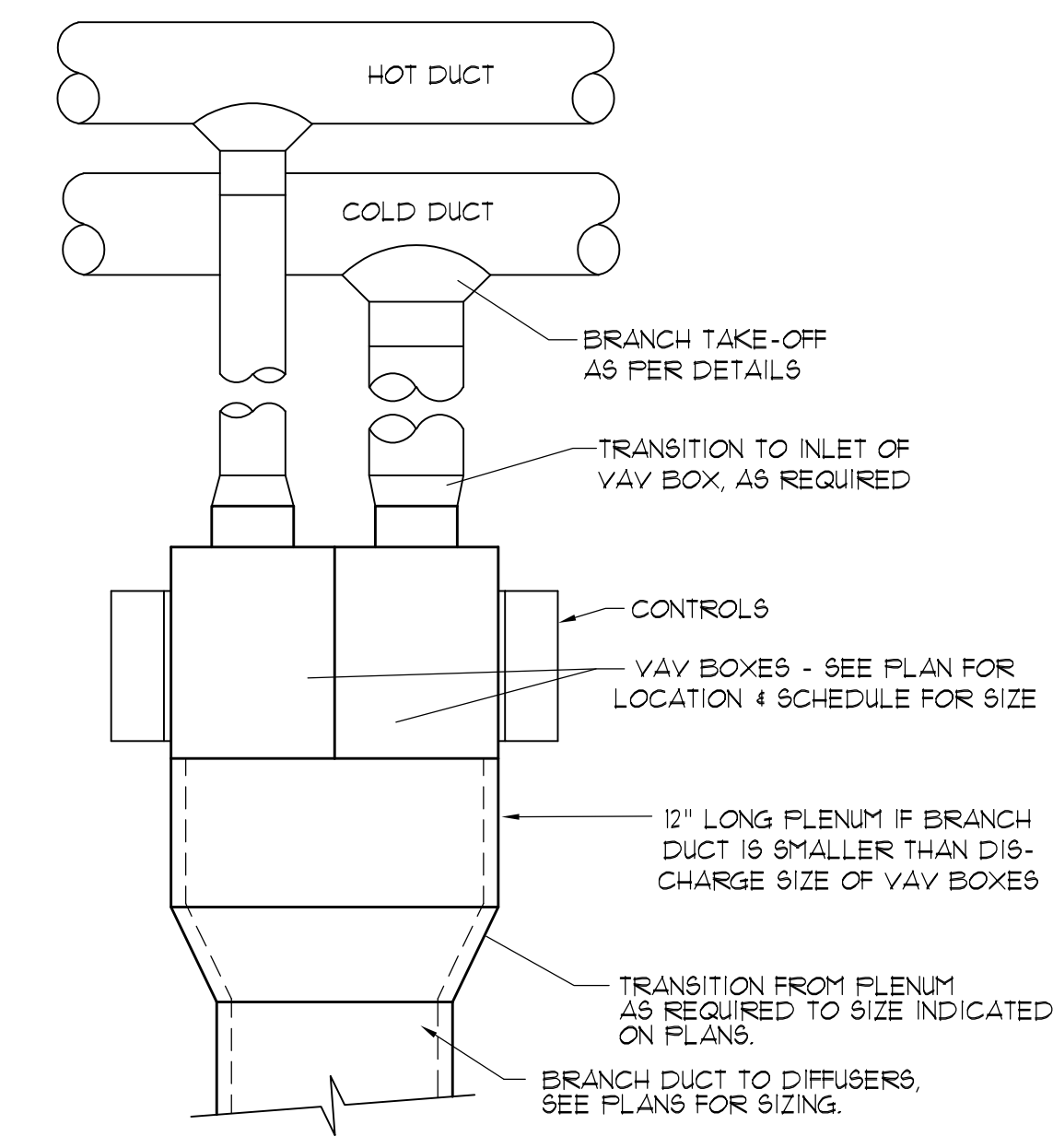
DUCT LINER INSTALLATION DETAIL 2



RECTANGULAR DUCT FITTINGS 5



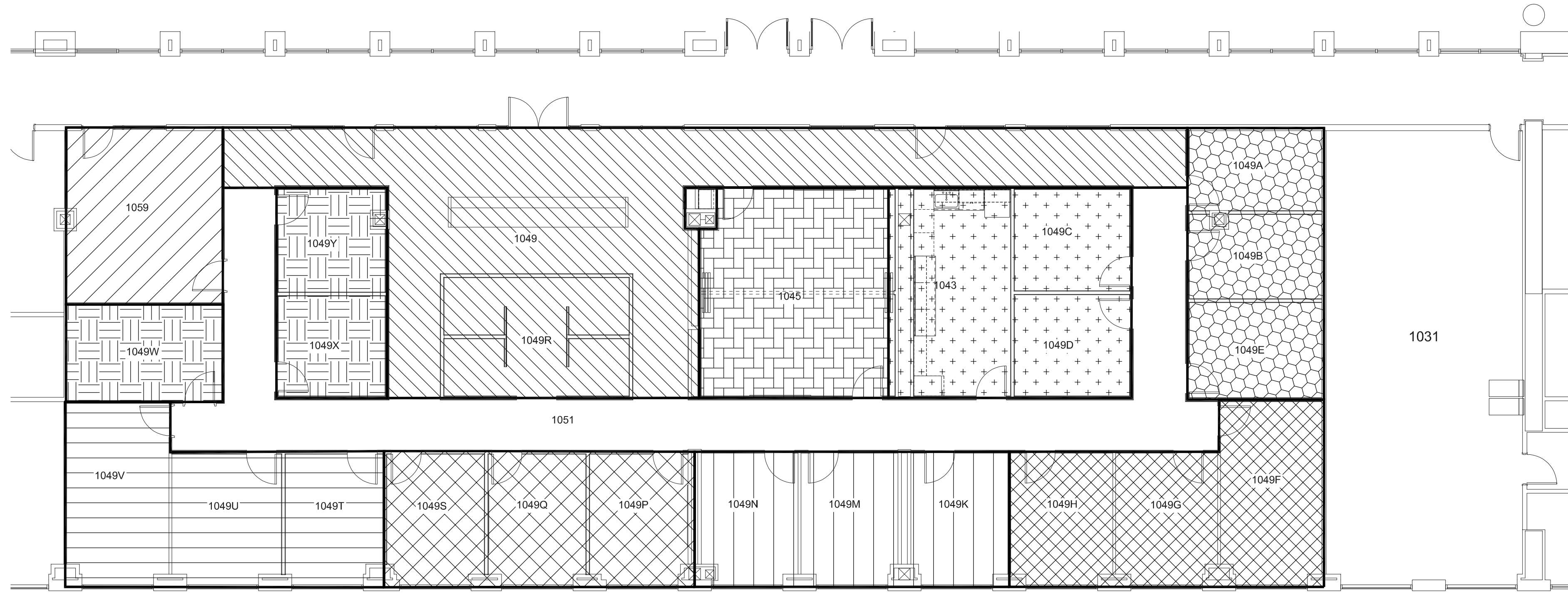
ROUND NECK DIFFUSER CONNECTION DETAIL 4



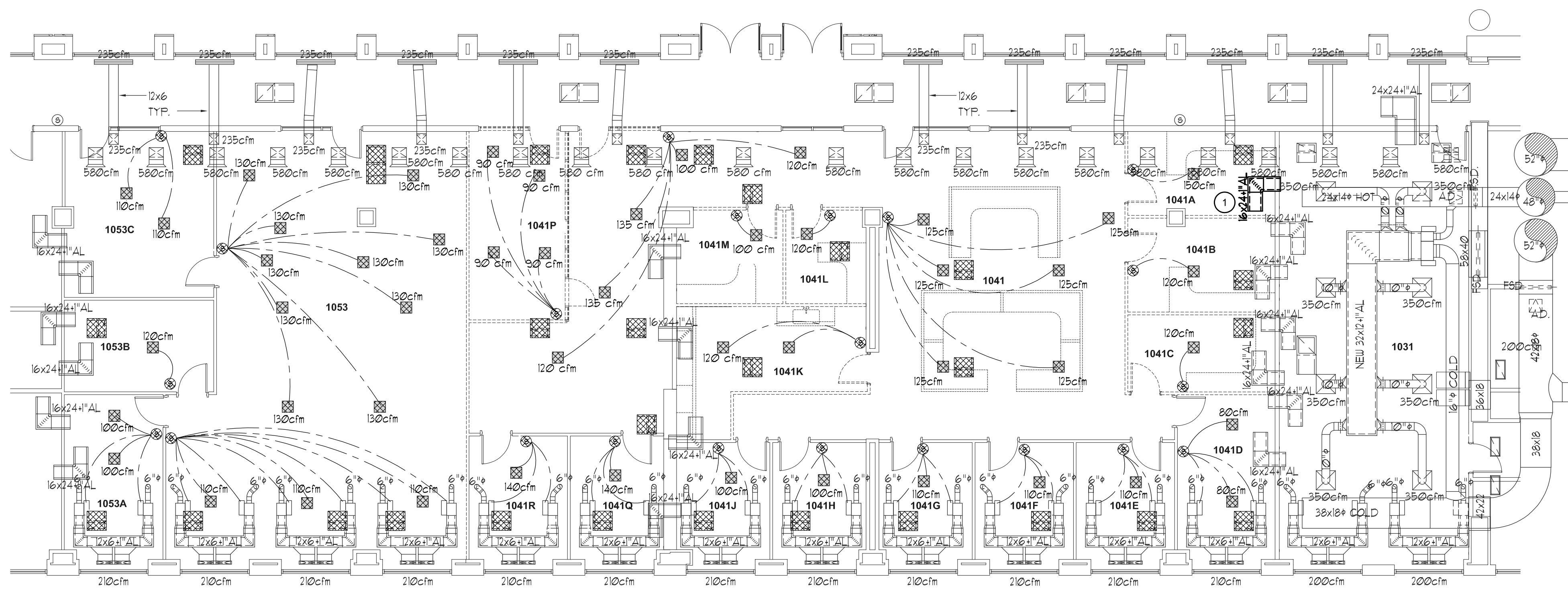
VAV BOX INSTALLATION DETAIL 1

MECHANICAL EQUIPMENT SCHEDULE			
SYM	DESCRIPTION	MFG	CATALOG No.
S1	SQUARE SUPPLY DIFFUSER 24" x 24" SQUARE PLAQUE FACE, FRAME TYPE 3 FOR LAY-IN CEILING, ALL STEEL CONSTRUCTION, WHITE FINISH NECK SIZE AND DIFFUSER LOCATION AS PER DRAWINGS	TITUS or KRUEGER or PRICE	OMNI PLQ SPD
R1	RETURN AIR GRILLE 24" x 24" or 12" x 24" FACE, FRAME TYPE 3 FOR LAY-IN CEILING, ALL STEEL CONSTRUCTION, WHITE FINISH - NECK SIZE AND GRILLE LOCATION AS PER THIS DRAWING SOUND BOOT DUCTBOARD CAN WITH BAFFLE - 22"x22" or 10"x22" TO MATCH GRILLE	TITUS or PRICE HERCULES INDUSTRIES	PAR PFRF SB2222 or SB2210
V1	VARIABLE AIR VOLUME VALVE DIGITAL CONTROL, MULTIPOINT CENTER AVERAGING INLET, INTERNAL INSULATION, SUPPLY WITHOUT A CONTROL ENCLOSURE BOX, SIZE AND LOCATION AS PER MECHANICAL DRAWINGS OR VAV SCHEDULE	TITUS or KRUEGER or PRICE	DESV LMHS SPV5000

VARIABLE AIR VOLUME TERMINAL BOX SCHEDULE							
ROOM		VAV TYPE	COOLING VAV BOX		HEATING VAV BOX		MIN. AIRFLOW (CFM)
NUMBER	TYPE		SIZE (IN)	MAX. COOLING AIRFLOW (CFM)	SIZE (IN)	MAX. HEATING AIRFLOW (CFM)	
1043 1049C 1049D	BREAK OFFICE OFFICE	DUAL	8	580	6	300	120
1045	CONFERENCE	COOL ONLY	10	650	-	-	180
1049 1049R	RECEPTION OPEN OFFICE	DUAL	12	1,100	8	660	250
1049A 1049B 1049E	OFFICE OFFICE OFFICE	DUAL	8	440	6	260	120
1049F 1049G 1049H	OFFICE OFFICE OFFICE	COOL ONLY	8	440	-	-	120
1049K 1049M 1049N	OFFICE OFFICE OFFICE	COOL ONLY	8	420	-	-	120
1049P 1049Q 1049S	OFFICE OFFICE OFFICE	COOL ONLY	8	420	-	-	120
1049T 1049U 1049V	OFFICE OFFICE OFFICE	COOL ONLY	8	440	-	-	120
1049W 1049X 1049Y	OFFICE OFFICE OFFICE	DUAL	8	420	6	260	120
1059	CONFERENCE	DUAL	8	450	6	260	120



MECHANICAL REMODEL ZONE PLAN 2
SCALE: 1/8" = 1'-0"



MECHANICAL DEMOLITION PLAN 1
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

1. RELOCATE EXISTING RETURN AIR TRANSFER DUCT TO LOWER ELEVATION TO ACCOMMODATE REMODEL. SEE REMODEL PLAN.

GENERAL NOTES

1. DEMO EXISTING UNDER FLOOR TERMINAL UNITS SHOWN HATCHED. BYU TO SALVAGE SEVERAL UNITS. FIELD VERIFY QUANTITIES AND LOCATIONS.
2. DEMO EXISTING RETURN AIR GRILLES WITH BOOTS SHOWN HATCHED. FIELD VERIFY QUANTITIES AND LOCATIONS.
3. DEMO EXISTING CONTROLS, INCLUDING THERMOSTATS, CONTROLLERS, AND WIRING. BYU TO SALVAGE SEVERAL THERMOSTATS AND CONTROLLERS. FIELD VERIFY QUANTITIES AND LOCATIONS.



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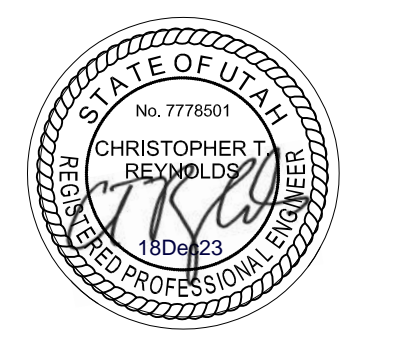
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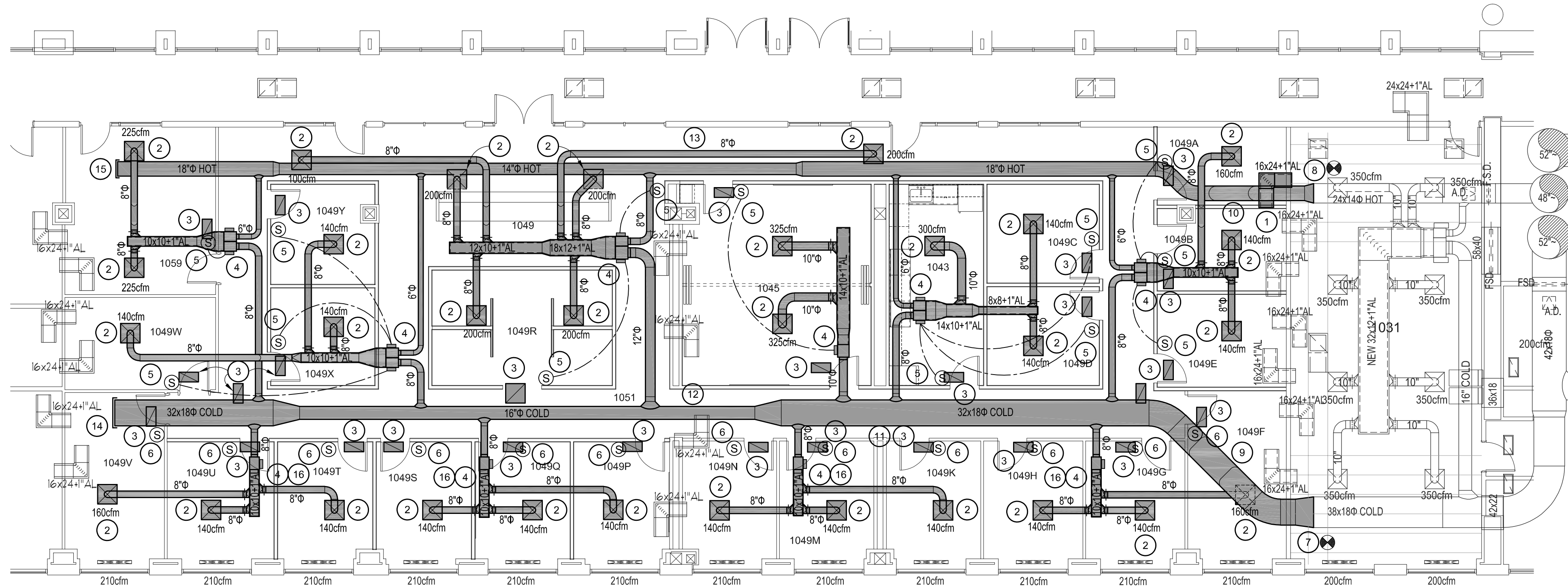


**MECHANICAL
DEMOLITION AND
ZONE PLANS**

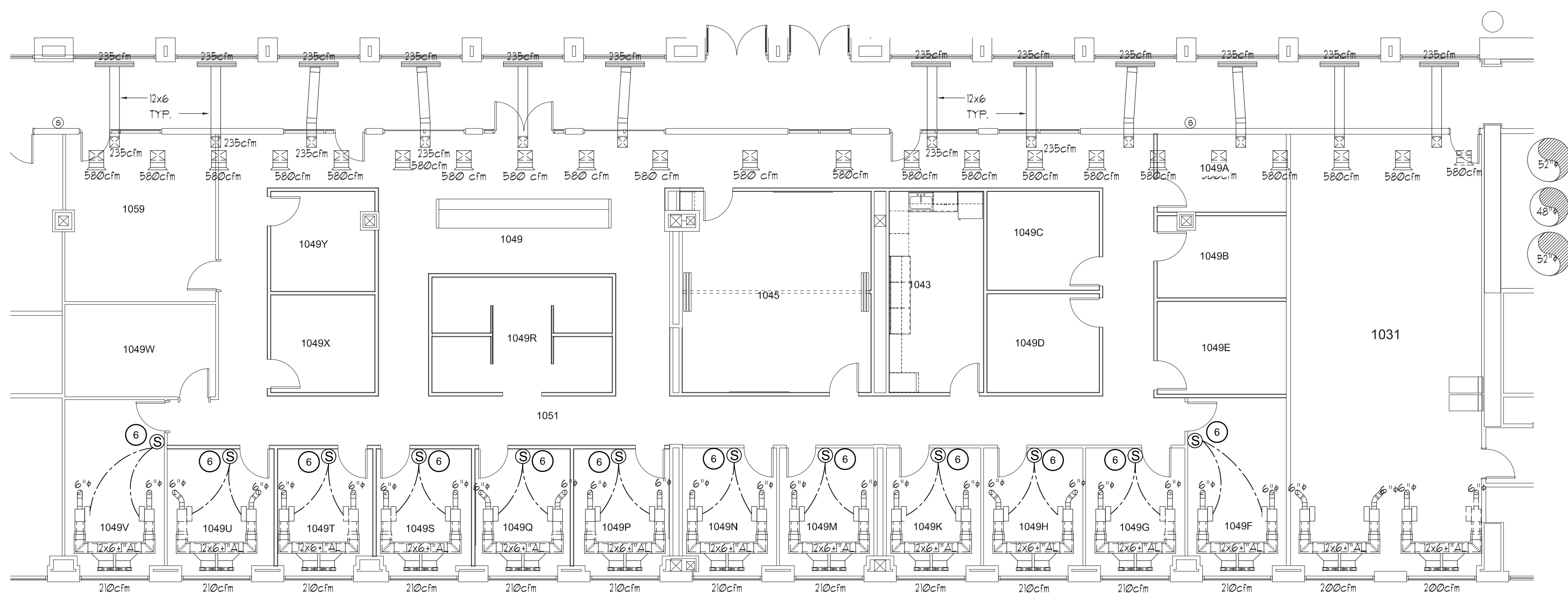
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CONSTRUCTION DOCS - SHOPS



MECHANICAL REMODEL OVERHEAD PLAN SCALE: 1/8" = 1'-0" **2**



MECHANICAL REMODEL UNDERFLOOR PLAN SCALE: 1/8" = 1'-0" **1**

REFERENCE NOTES

- RELOCATE EXISTING TRANSFER AIR DUCT TO LOWER ELEVATION TO ACCOMMODATE NEW HOT AIR DUCT ROUTING THROUGH WALL.
- NEW SUPPLY DIFFUSER, S1. SEE MECHANICAL SCHEDULE. BALANCE TO CFM SHOWN ON PLANS.
- NEW RETURN AIR GRILLE WITH SOUND BOOT, R1. SEE MECHANICAL SCHEDULE.
- NEW VAV BOXES (V1). SEE MECHANICAL SCHEDULE.
- NEW DELTA AVERAGING THERMOSTAT, CONTROLS, AND WIRING.
- NEW DELTA THERMOSTAT, CONTROLS, AND WIRING CONNECTED TO EXISTING UNDER FLOOR DUAL DUCT VAV BOXES.
- CONNECT TO EXISTING 38"x18" OVAL COLD DUCT (FIELD VERIFY DIMENSIONS) AND REDUCE TO 32"x18" OVAL DUCT.
- CONNECT TO EXISTING 24"x14" OVAL HOT DUCT (FIELD VERIFY DIMENSIONS) AND REDUCE TO 18" ROUND DUCT.
- OFFSET 32"x18" OVAL DUCT DOWN TO APPROXIMATELY 3'-0" ABOVE FINISH CEILING, BELOW EXISTING ROOF DRAINS IN CEILING SPACE.
- ROUTE 18" ROUND DUCT ABOVE RELOCATED TRANSFER AIR DUCT, THEN OFFSET DOWN TO APPROXIMATELY 3'-0" ABOVE FINISH CEILING, BELOW EXISTING ROOF DRAINS IN CEILING SPACE.
- ROUTE 32"x18" OVAL DUCT THROUGH EXISTING OPENING IN WALL.
- ROUTE 16" ROUND DUCT THROUGH EXISTING WALL, PATCH AND SEAL AROUND PENETRATION.
- ROUTE NEW DUCTS THROUGH EXISTING WALL, PATCH AND SEAL AROUND PENETRATION.
- EXTEND 32"x18" OVAL DUCT TO WITHIN 5'-0" OF EXISTING WALL, CAP DUCT FOR FUTURE CONNECTION TO EXISTING SYSTEM.
- EXTEND 18" ROUND DUCT TO WITHIN 5'-0" OF EXISTING WALL, CAP DUCT FOR FUTURE CONNECTION TO EXISTING SYSTEM.
- PROGRAM THE COOLING ONLY VAV BOXES FOR EXTERIOR OFFICES TO MODULATE BASED ON THE MINIMUM COOLING DEMAND FOR THE 3 OFFICES FED, PROVIDING "BASE" COOLING FOR ALL OFFICES. THE UNDER FLOOR VAV BOXES SHALL PROVIDE ALL HEATING AND ANY NECESSARY "TRIM" COOLING FOR EACH INDIVIDUAL OFFICE. A SINGLE CONTROLLER WITH AT LEAST 4 ANALOG OUTPUTS SHALL CONTROL ALL 4 VAV BOXES FOR EXTERIOR OFFICES.

GENERAL NOTES

- INSULATE ALL NEW OR REPAIRED AND UNLINED SUPPLY AIR DUCTWORK WITH 1" THICK FIBERGLASS INSULATION W/ALUMINUM FOIL SCRIM KRAFT FACING AND A DENSITY OF 1-1/2 lb/ft³.
- LAY OUT ALL DUCTWORK SUCH THAT DUCT RUN-OUTS OR DROPS TO DIFFUSERS ARE ALIGNED TO AVOID UNNECESSARY OFFSETS. USE FLEXIBLE DUCT ONLY WHERE HARD DUCTING IS NOT POSSIBLE. FLEXIBLE DUCT SHALL BE INSTALLED SUCH THAT THE CENTER LINE OF THE DIFFUSER NECK SHALL NOT BE OFFSET FROM THE CENTER LINE OF THE DUCT ELBOW BY MORE THAN ONE DUCT RADIUS, NO MORE THAN 24" MAXIMUM LENGTH OF FLEX DUCT AND NO FLEX DUCT ELBOWS ALLOWED.
- THE JOINTS AND SEAMS OF ALL SUPPLY AIR DUCTWORK SHALL BE SEALED. MASTIC SEALING COMPOUND SHALL BE DUDODYNE S-2, 3M EC-750, IRON GRIP 601 or HARDCAST TWO-PART SYSTEM II.
- AIR BALANCE ALL DIFFUSERS AND VAV BOXES TO AIR VOLUMES NOTED IN SCHEDULE OR ON PLANS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL DIFFUSERS, GRILLES, FIRE SPRINKLERS, etc.
- COORDINATE ALL DUCT ELEVATIONS WITH EXISTING DUCTWORK, FIRE SPRINKLER PIPING, AND ROOF DRAINS IN CEILING SPACE.



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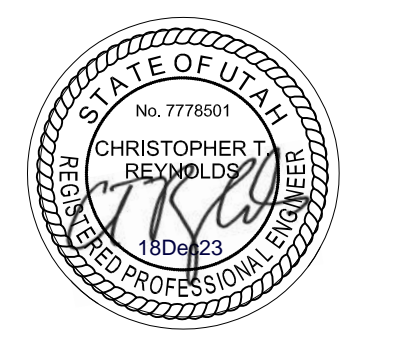
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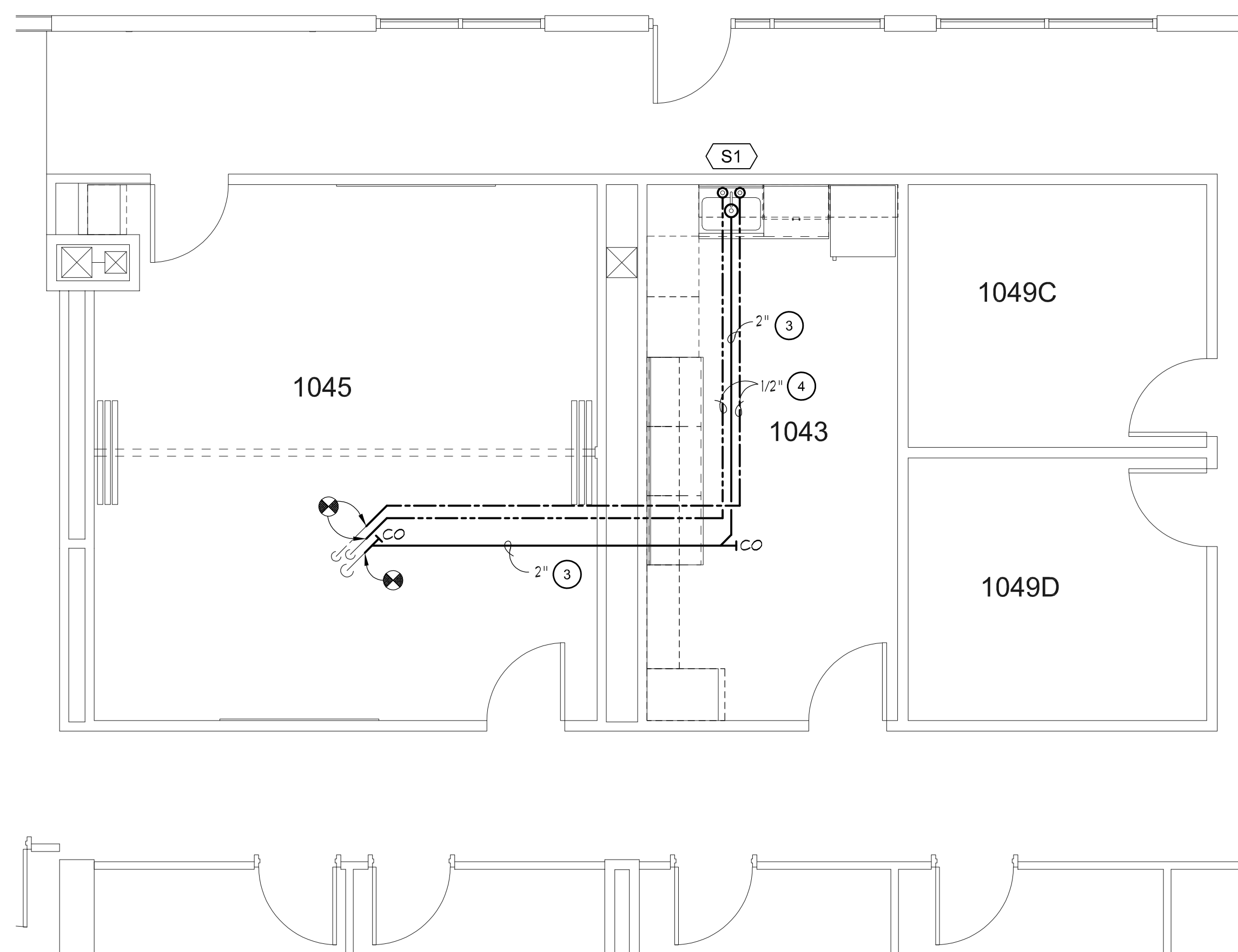
MECHANICAL REMODEL PLANS

WORK ORDER & SHEET NO.

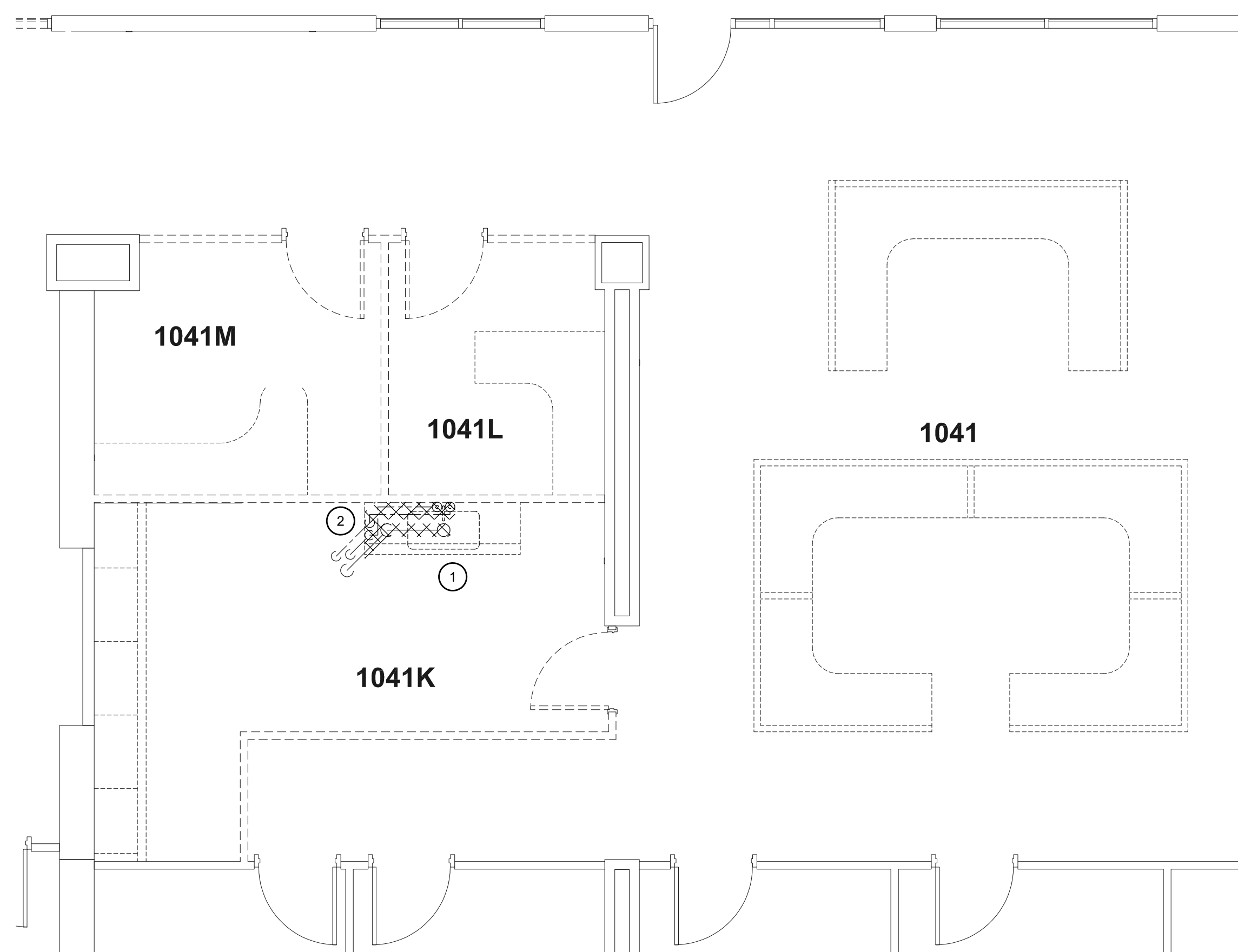
K8101 M2.1

CONSTRUCTION DCS - SHOPS

PLUMBING FIXTURE SCHEDULE						
SYM	DESCRIPTION	MFG NO.	COLD/ INLET	HOT/ OUTLET	TRAP	VENT
S1	BREAKROOM SINK UNDER MOUNT, SINGLE COMPARTMENT, 28" W x 16" L x 10" D BOWL, 18 GAUGE 304 STAINLESS STEEL, FULLY COATED UNDERSIDE SINK FAUCET 8" FIXED CENTERS, 8" RIGID/SWING HIGH ARCH SPOUT, 2.2 GPM AERATOR, 4" WRISTBLADE HANDLES, QUATURN COMPRESSION OPERATING CARTRIDGE	KARRAN U-3018 CHICAGO 521-HA8-311ABCP	-	-	1-1/2"	1-1/4"



ENLARGED PLUMBING REMODEL PLAN SCALE: 1/4" = 1'-0" 2



ENLARGED PLUMBING DEMOLITION PLAN SCALE: 1/4" = 1'-0" 1

- REFERENCE NOTES**
1. DEMO EXISTING SINK AND FAUCET.
 2. DEMO EXISTING DRAIN, DCW, & DHW LINES FROM SINK TO UNDER FLOOR LOCATION.
 3. CONNECT TO EXISTING DRAIN LINE. RUN NEW 2" DRAIN UNDER FLOOR TO NEW SINK LOCATION. INSTALL CLEANOUTS AT ALL CHANGES IN DIRECTION. RISE IN WALL AND CONNECT TO NEW SINK.
 4. CONNECT TO EXISTING DCW & DHW LINES. RUN NEW 1/2" DCW & DHW UNDER FLOOR TO NEW SINK LOCATION. RISE IN WALL AND CONNECT TO NEW SINK.

- GENERAL NOTES**
1. ALL NEW DCW/DHW PIPING SHALL BE COPPER TYPE K OR L UNLESS OTHERWISE NOTED.
 2. ALL NEW OR REPAIRED PIPING SHALL BE INSULATED WITH 1" THICK, SNAP-ON PIPE INSULATION WITH A PVC VAPOR JACKET. FURNISH & INSTALL A PVC JACKET ON ALL FITTINGS.
 3. INSULATE LAVATORY "P" TRAP WITH PREFORMED, SNAP-ON, REMOVABLE INSULATION TO MEET ADA REQUIREMENTS. USE TRUEBRO Mod. 102 w/ACCESSORY 105 or EQUAL.



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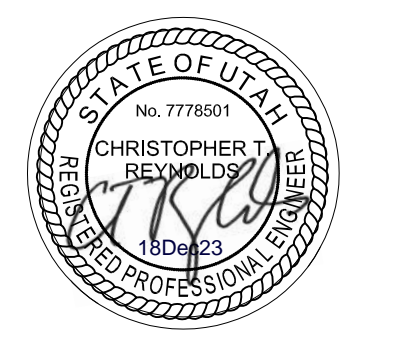
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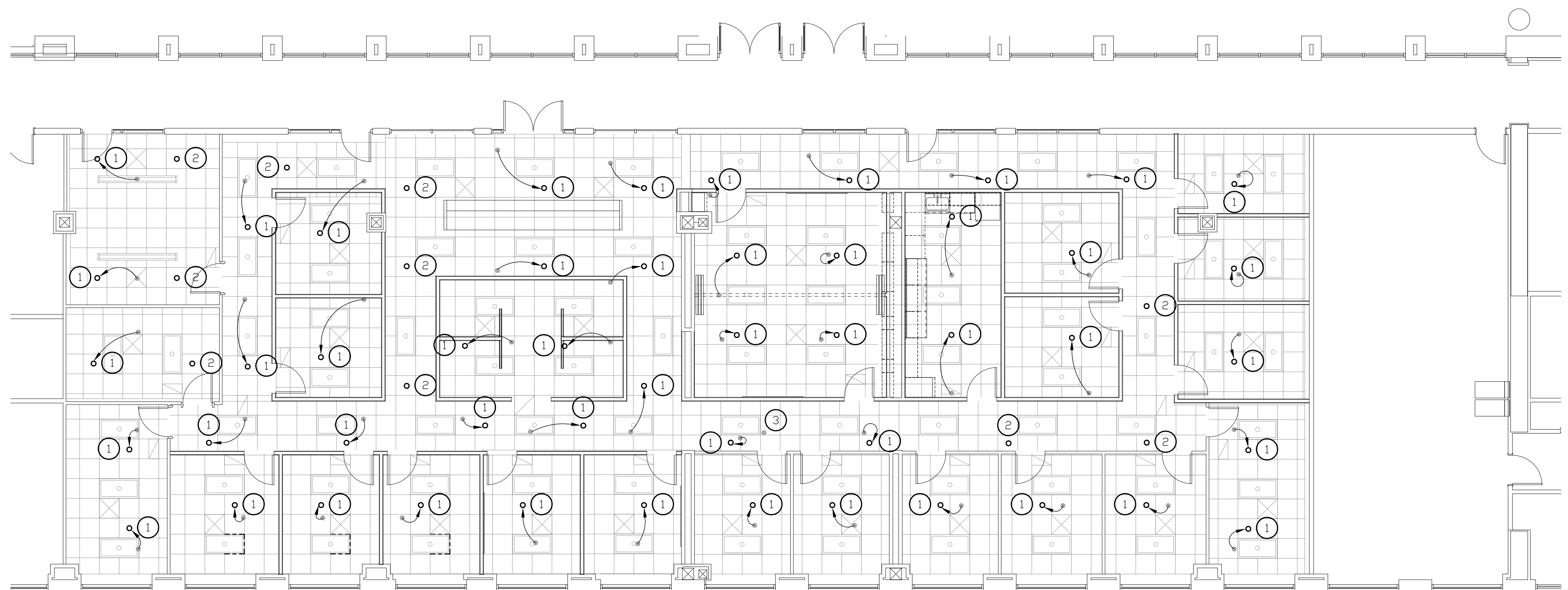


**PLUMBING
DEMOLITION AND
REMODEL PLANS**

WORK ORDER & SHEET NO.

**K8101
P1.1**

CONSTRUCTION DOCS - SHOPS



REFERENCE NOTES

1. RELOCATE SPRINKLER TO NEW LOCATION. INSTALL NEW HEAD.
2. INSTALL NEW SPRINKLER HEAD. CAP EXISTING SPRINKLER HEAD.
3. CAP EXISTING SPRINKLER HEAD.

SYMBOL LEGEND

- EXISTING SPRINKLER HEAD LOCATION
- NEW SPRINKLER HEAD LOCATION

GENERAL NOTES

1. FIRE SPRINKLING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND FAMILIARIZE THEMSELVES WITH THE INTENT OF THE NEW FIRE SPRINKLING INSTALLATION PRIOR TO SUBMITTING A BID ON THIS PROJECT.
2. INSTALL NEW FIRE SPRINKLER HEADS, AS CLOSE AS POSSIBLE, IN LOCATIONS SHOWN.
3. ALL NEW SPRINKLER HEADS INSTALLED IN CEILING SHALL BE VICTAULIC CONCEALED TYPE MODEL V38.
4. COORDINATE EXACT LOCATIONS OF ALL NEW HEADS WITH STRUCTURE, HVAC PIPING, DUCTWORK, LIGHTING, ELECTRICAL CONDUITS, etc. INSTALL ALL NEW SPRINKLER HEADS IN CENTER OF GRID IN LAY-IN CEILINGS UNLESS OTHERWISE APPROVED.
5. FIRE SPRINKLING TECHNICIAN SHALL INVESTIGATE EXISTING CONDITIONS AND PIPE INSTALLATION AND DESIGN NEW FIRE SPRINKLING SYSTEM ACCORDING TO THE NFPA NATIONAL FIRE CODE, ORDINARY HAZARD PIPE SCHEDULE. CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL COMPONENTS AND PROVIDE HYDRAULIC CALCULATIONS PRIOR TO INSTALLATION.
6. UPGRADE SEISMIC BRACING OF ANY NEW OR MODIFIED SPRINKLER PIPING AS PER MOST RECENTLY ADOPTED VERSION OF NFPA NATIONAL FIRE CODE.



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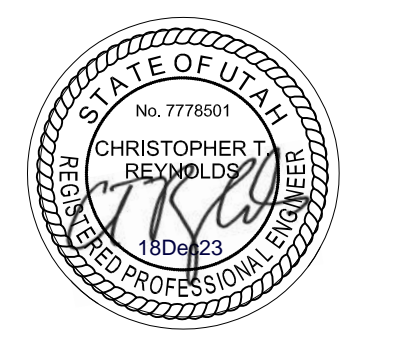
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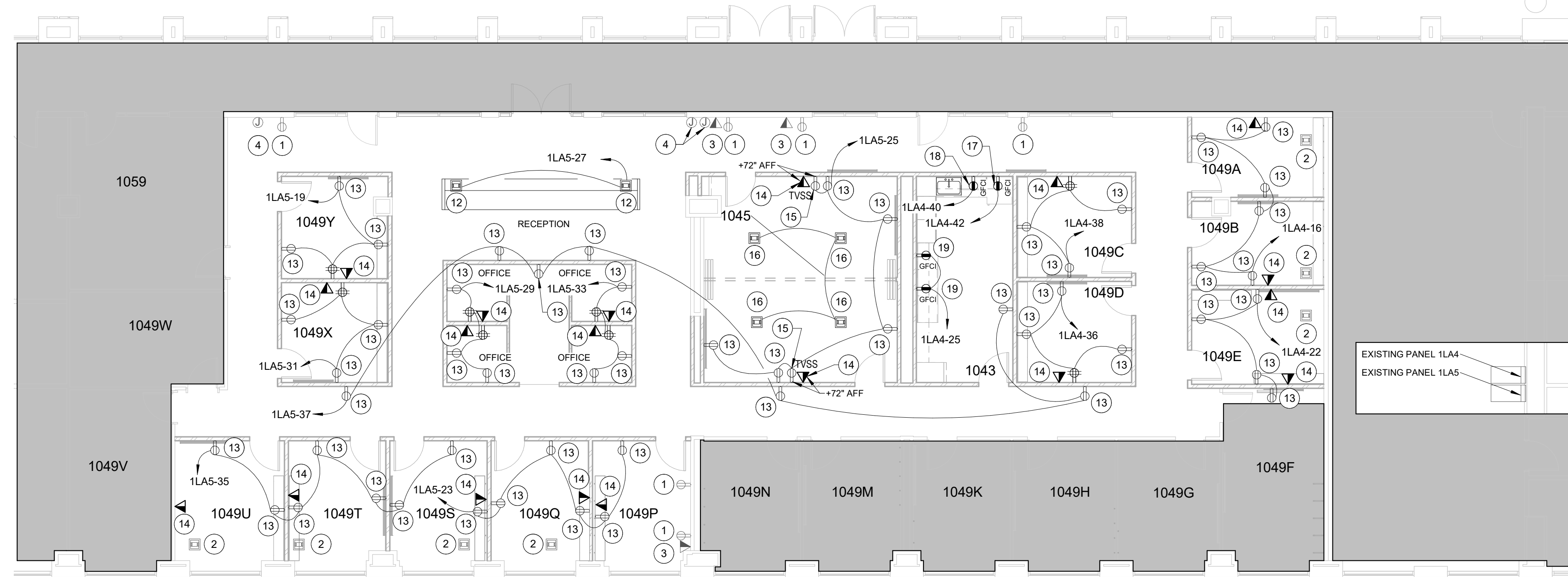


FIRE PROTECTION REMODEL PLAN

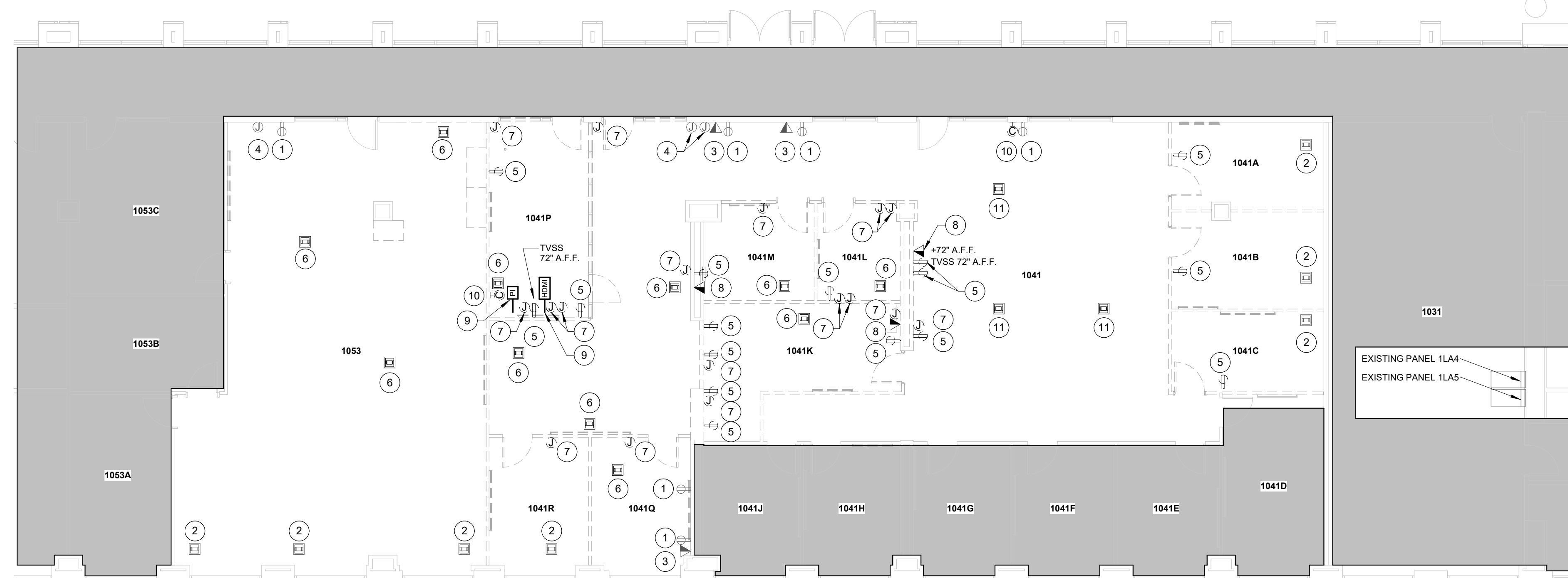
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CONSTRUCTION DOCS - SHOPS



K8101 NEW POWER PLAN 2
SCALE: 1/8" = 1'-0"



K8101 DEMOLITION POWER PLAN 1
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

- EXISTING RECEPTACLE TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- EXISTING FLOOR BOX TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- EXISTING DATA JACK TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- EXISTING J-BOX TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- REMOVE EXISTING RECEPTACLE AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE OR NEAREST ELECTRICAL DEVICE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO ANY DOWN STREAM ELECTRICAL DEVICES TO REMAIN.
- REMOVE EXISTING FLOOR BOX AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE OR NEAREST ELECTRICAL DEVICE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO ANY DOWN STREAM ELECTRICAL DEVICES TO REMAIN.
- REMOVE EXISTING J-BOX AND ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE OR NEAREST DEVICE TO REMAIN.
- REMOVE EXISTING DATA JACK AND ALL ASSOCIATED CONDUITS AND J-BOXES BACK TO SOURCE COMPLETE.
- REMOVE EXISTING AUDIO VISUAL EQUIPMENT CONNECTIONS, INCLUDING CONDUIT, J-BOXES, AND WIRING BACK TO SOURCE COMPLETE. FACEPLATES, JACKS, AND PI CONTROLLERS SHALL BE REMOVED BY OIT PRIOR TO ELECTRICAL REMOVAL OF DEVICES.
- REMOVE WALL MOUNTED CLOCK AND ALL ASSOCIATED CIRCUITING BACK TO SOURCE COMPLETE. RETURN REMOVED WALL CLOCK TO BYU ELECTRIC SHOP.
- CAREFULLY REMOVE EXISTING FLOOR BOX AND PREPARE FOR RELOCATION. REMOVE ALL ASSOCIATED CIRCUITING BACK TO SOURCE COMPLETE. MAINTAIN CIRCUIT INTEGRITY TO ANY DOWN STREAM ELECTRICAL DEVICES TO REMAIN.
- INSTALL REMOVED FLOOR BOX IN THIS LOCATION. EXTEND A 3/4" W/ (2) #12, (1) #12 GND., THHN, CU., FROM FLOOR BOX TO CIRCUIT INDICATED ON DRAWING.
- INSTALL NEW RECEPTACLE. EXTEND A 3/4" W/ (2) #12, (1) #12 GND., THHN, CU., FROM RECEPTACLE TO CIRCUIT INDICATED ON DRAWING.
- INSTALL NEW DATA LOCATION. SEE DETAIL 3 ON SHEET E5.0 FOR INSTALLATION DETAIL.
- INSTALL NEW TVSS RECEPTACLE AT 72" A.F.F. (VERIFY MOUNTING HEIGHT WITH OIT PRIOR TO ROUGH-IN). EXTEND A 3/4" W/ (2) #12, (1) #12 GND., THHN, CU. FROM THE RECEPTACLE TO CIRCUIT INDICATED ON DRAWINGS.
- INSTALL REMOVED FLOOR BOX IN THIS LOCATION. EXTEND A 3/4" W/ (2) #12, (1) #12 GND., THHN, CU., FROM FLOOR BOX TO CIRCUIT FREED UP IN PANEL 1LA4 OR 1LA5 DURING DEMOLITION.
- INSTALL NEW DEDICATED GFCI RECEPTACLE FOR REFRIGERATOR. VERIFY EXACT LOCATION WITH MILLWORK INSTALLERS. EXTEND A 3/4" W/ (2) #12, (1) #12 GND., THHN, CU. FROM THE RECEPTACLE TO CIRCUIT INDICATED ON DRAWINGS.
- INSTALL NEW DEDICATED GFCI RECEPTACLE FOR MICROWAVE. VERIFY EXACT LOCATION WITH MILLWORK INSTALLERS. EXTEND A 3/4" W/ (2) #12, (1) #12 GND., THHN, CU. FROM THE RECEPTACLE TO CIRCUIT INDICATED ON DRAWINGS.
- INSTALL NEW GFCI RECEPTACLE AT 6" TO CENTER OF RECEPTACLE ABOVE COUNTER TOP OR BACK SPLASH. EXTEND A 3/4" W/ (2) #12, (1) #12 GND., THHN, CU. FROM THE RECEPTACLE TO CIRCUIT INDICATED ON DRAWINGS.

GENERAL NOTES

- IF THERE ARE ANY DESIGN OR BUDGET PROBLEMS WITH THIS PROJECT, CONTACT THE DESIGNER ABOVE AS SOON AS POSSIBLE.
- FOLLOW THE DESIGN AS PER THESE STANDARD PLANS. ANY CHANGES, ADDITIONS, OR ADJUSTMENTS SHALL BE REVIEWED WITH THE PERSON WHOSE ENGINEERING STAMP IS HERE ATTACHED.
- ALL CONDUIT PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS SHALL BE FIRE CAULKED AS REQUIRED BY CODE.



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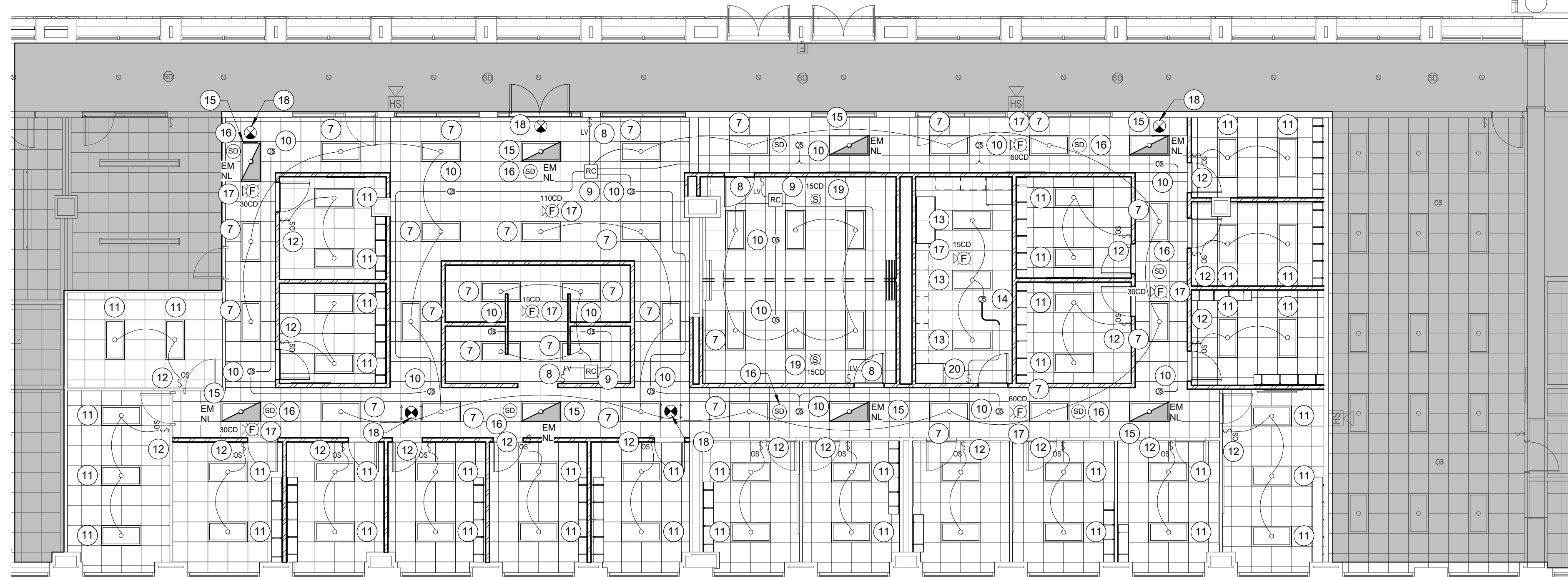
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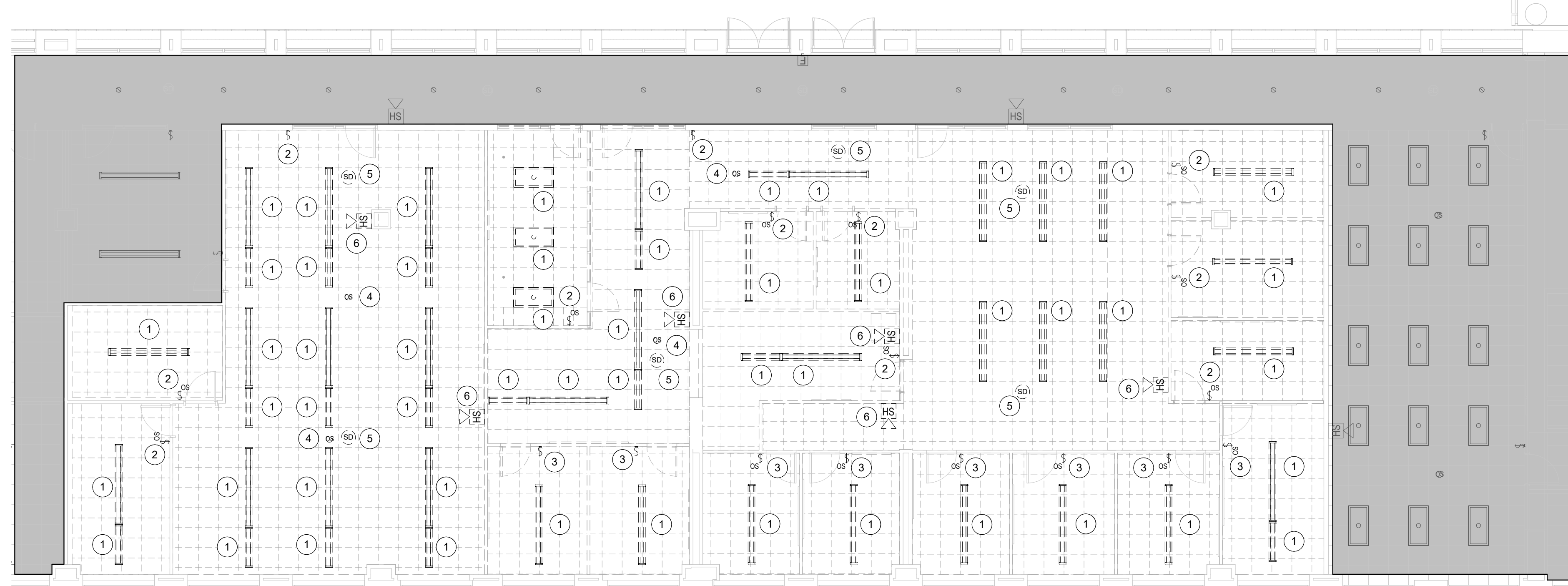
DEMOLITION AND NEW POWER PLANS

WORK ORDER & SHEET NO.

K8101 E1.0



K8101 NEW LIGHTING PLAN 2
SCALE: 1/8" = 1'-0"



K8101 DEMOLITION LIGHTING PLAN 1
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

- 1 REMOVE EXISTING LIGHT FIXTURE. PREPARE EXISTING LIGHTING CIRCUIT FOR CONNECTION TO NEW LIGHTING CONTROLS AND LIGHT FIXTURES.
- 2 REMOVE EXISTING LIGHT SWITCH AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE.
- 3 REMOVE EXISTING LIGHT SWITCH AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE. PREPARE LOCATION FOR INSTALLATION OF NEW LIGHT SWITCH.
- 4 REMOVE EXISTING CEILING MOUNTED OCCUPANCY SENSOR AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE.
- 5 REMOVE EXISTING CEILING MOUNTED SMOKE DETECTORS AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO NEAREST FIRE ALARM DEVICE TO REMAIN.
- 6 REMOVE EXISTING WALL MOUNTED FIRE ALARM HORN/STROBE AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO NEAREST FIRE ALARM DEVICE TO REMAIN.
- 7 INSTALL NEW LED FLAT PANEL 2'x4' LIGHT FIXTURE (F1 IN FIXTURE SCHEDULE ON SHEET E5.1) WITH 4000K COLOR TEMPERATURE AND MEDIUM LIGHT OUTPUT. CONNECT TO EXISTING UNSWITCHED LIGHTING CIRCUIT SERVING THIS SPACE. SEE DETAILS 1 AND 2 ON SHEET E5.1 FOR INSTALLATION AND WIRING DIAGRAM. SEE FIXTURE SCHEDULE ON SHEET E5.1 FOR ACCEPTABLE FIXTURES.
- 8 INSTALL NEW LIGHT SWITCH SEE DETAIL 2 ON SHEET E5.1 FOR WIRING DETAIL.
- 9 INSTALL NEW ROOM CONTROLLER. SEE DETAIL 2 ON SHEET E5.1 FOR WIRING DETAIL.
- 10 INSTALL NEW CEILING MOUNTED OCCUPANCY SENSOR. SEE DETAIL 2 ON SHEET E5.1 FOR WIRING DIAGRAM.
- 11 INSTALL NEW BYU STANDARD LED FLAT PANEL 2'x4' LIGHT FIXTURE (F1 IN FIXTURE SCHEDULE ON SHEET E5.1) WITH 4000K COLOR TEMPERATURE AND MEDIUM LIGHT OUTPUT. CONNECT TO EXISTING UNSWITCHED LIGHTING CIRCUIT SERVING THIS SPACE. SEE DETAILS 1 AND 3 ON SHEET E5.1 FOR INSTALLATION AND WIRING DIAGRAM. SEE FIXTURE SCHEDULE ON SHEET E5.1 FOR ACCEPTABLE FIXTURES.
- 12 INSTALL NEW LIGHT SWITCH SEE DETAIL 3 ON SHEET E5.1 FOR WIRING DETAIL.
- 13 INSTALL NEW BYU STANDARD LED FLAT PANEL 2'x4' LIGHT FIXTURE (F1 IN FIXTURE SCHEDULE ON SHEET E5.1) WITH 4000K COLOR TEMPERATURE AND MEDIUM LIGHT OUTPUT. CONNECT TO EXISTING UNSWITCHED LIGHTING CIRCUIT SERVING THIS SPACE. SEE DETAILS 1 AND 4 ON SHEET E5.1 FOR INSTALLATION AND WIRING DIAGRAM. SEE FIXTURE SCHEDULE ON SHEET E5.1 FOR ACCEPTABLE FIXTURES.
- 14 INSTALL NEW CEILING MOUNTED OCCUPANCY SENSOR. SEE DETAIL 4 ON SHEET E5.1 FOR WIRING DIAGRAM.
- 15 INSTALL NEW BYU STANDARD LED FLAT PANEL 2'x4' LIGHT FIXTURE (F1 IN FIXTURE SCHEDULE ON SHEET E5.1) WITH 4000K COLOR TEMPERATURE AND MEDIUM LIGHT OUTPUT. CONNECT TO NEAREST EMERGENCY LIGHTING CIRCUIT. FIXTURE SHALL REMAIN ON 24/7 AS AN EMERGENCY LIGHT AND A NIGHT LIGHT.
- 16 INSTALL NEW CEILING MOUNTED SMOKE DETECTOR. CONNECT TO NEAREST FIRE ALARM LOOP. EXTEND ALL CIRCUITING AS REQUIRED FOR A COMPLETE INSTALLATION.
- 17 INSTALL NEW CEILING MOUNTED FIRE ALARM HORN/STROBE DEVICE. CONNECT TO NEAREST FIRE ALARM LOOP. EXTEND ALL CIRCUITING AS REQUIRED FOR A COMPLETE INSTALLATION.
- 18 INSTALL NEW CEILING MOUNTED EXIT SIGN (EX FIXTURE IN FIXTURE SCHEDULE ON SHEET E5.1). CONNECT TO NEAREST AVAILABLE EMERGENCY LIGHTING CIRCUIT.
- 19 INSTALL NEW CEILING MOUNTED FIRE ALARM STROBE LIGHT. CONNECT TO NEAREST FIRE ALARM LOOP. EXTEND ALL CIRCUITING AS REQUIRED FOR A COMPLETE INSTALLATION.
- 20 INSTALL NEW LIGHT SWITCH SEE DETAIL 4 ON SHEET E5.1 FOR WIRING DETAIL.

GENERAL NOTES

1. IF THERE ARE ANY DESIGN OR BUDGET PROBLEMS WITH THIS PROJECT, CONTACT THE DESIGNER ABOVE AS SOON AS POSSIBLE.
2. FOLLOW THE DESIGN AS PER THESE STANDARD PLANS. ANY CHANGES, ADDITIONS, OR ADJUSTMENTS SHALL BE REVIEWED WITH THE PERSON WHOSE ENGINEERING STAMP IS HERE ATTACHED.
3. ALL CONDUIT PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS SHALL BE FIRE CAULKED AS REQUIRED BY CODE.



FACILITIES PLANNING
240 BRWB PROVO, UTAH 84602
PHONE: (801) 422-5504
FAX: (801) 422-0566

DATE: 01/24/24
DESIGNER: LRM
DRAWN BY: LRM

ADA CHECK:
CODE CHECK:
STRUCTURAL:
UTILITIES DIR:
PLANNING DIR:

CLIENT APPROVAL DATE

REVISIONS

BRIGHAM YOUNG UNIVERSITY
 REMODEL OFFICE SUITE 1041 AND SUITE 1053
 COLLEGE OF HUMANITIES
 JOSEPH F. SMITH BUILDING (JFSB) - LEVEL 1

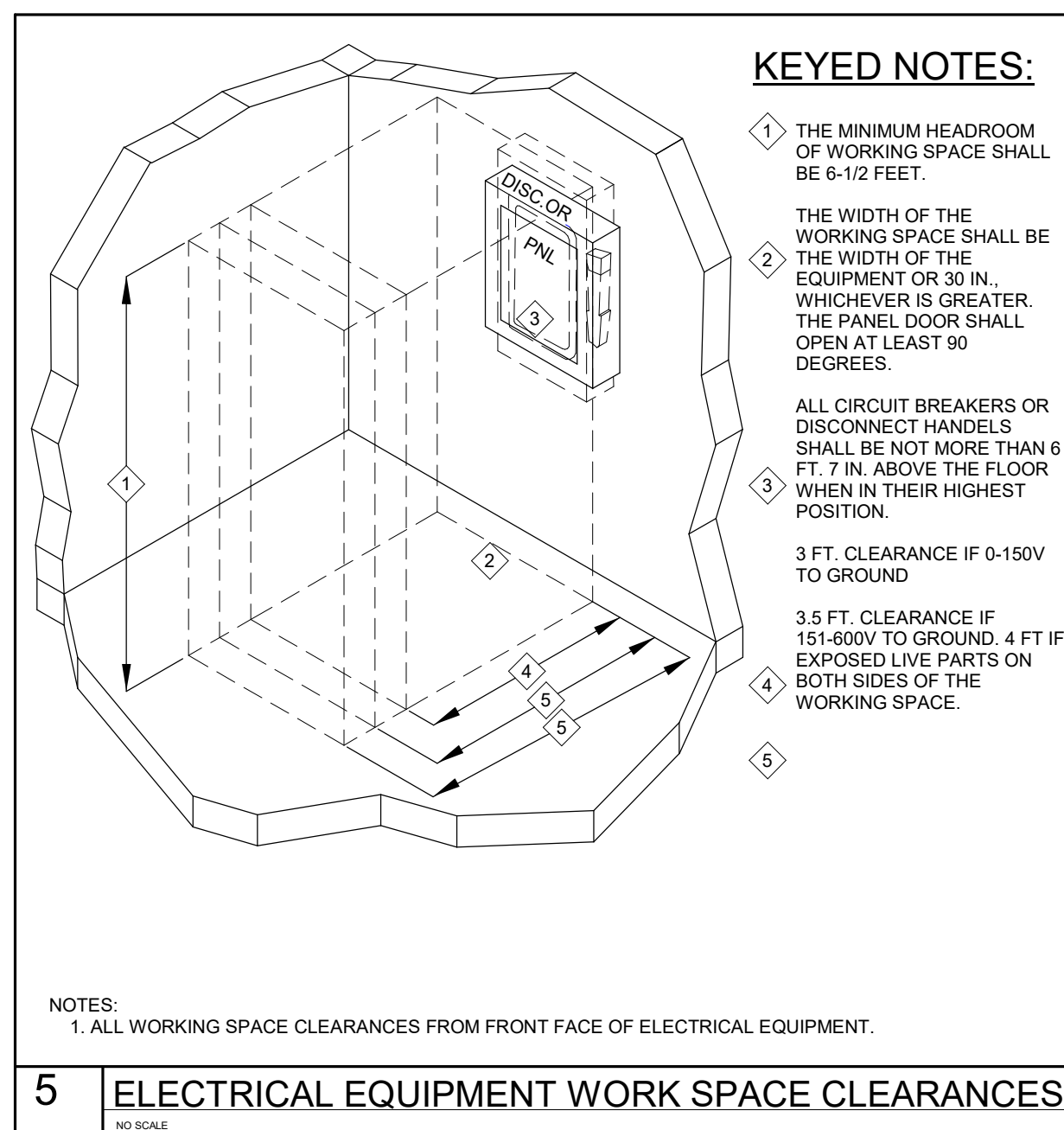
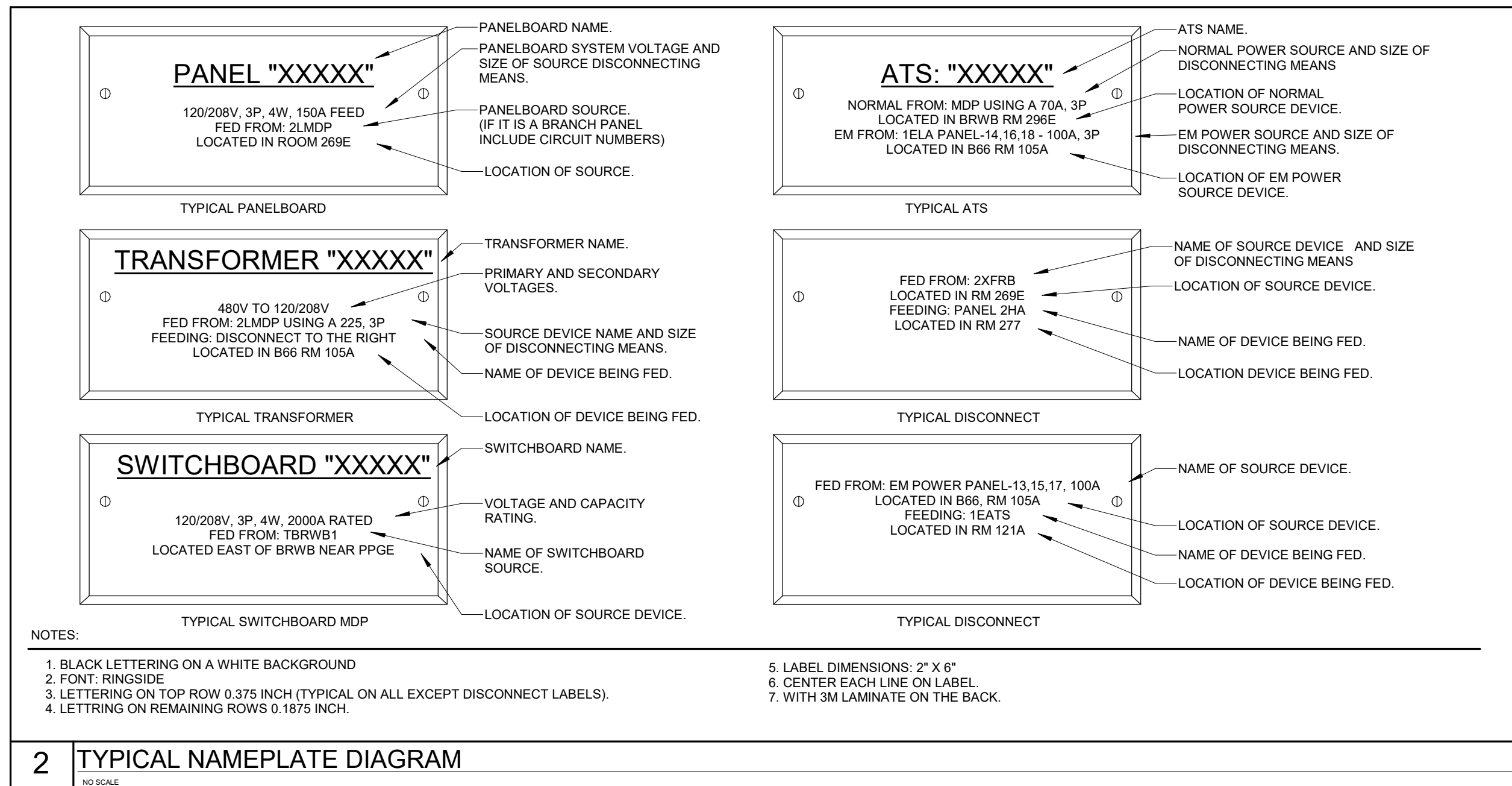
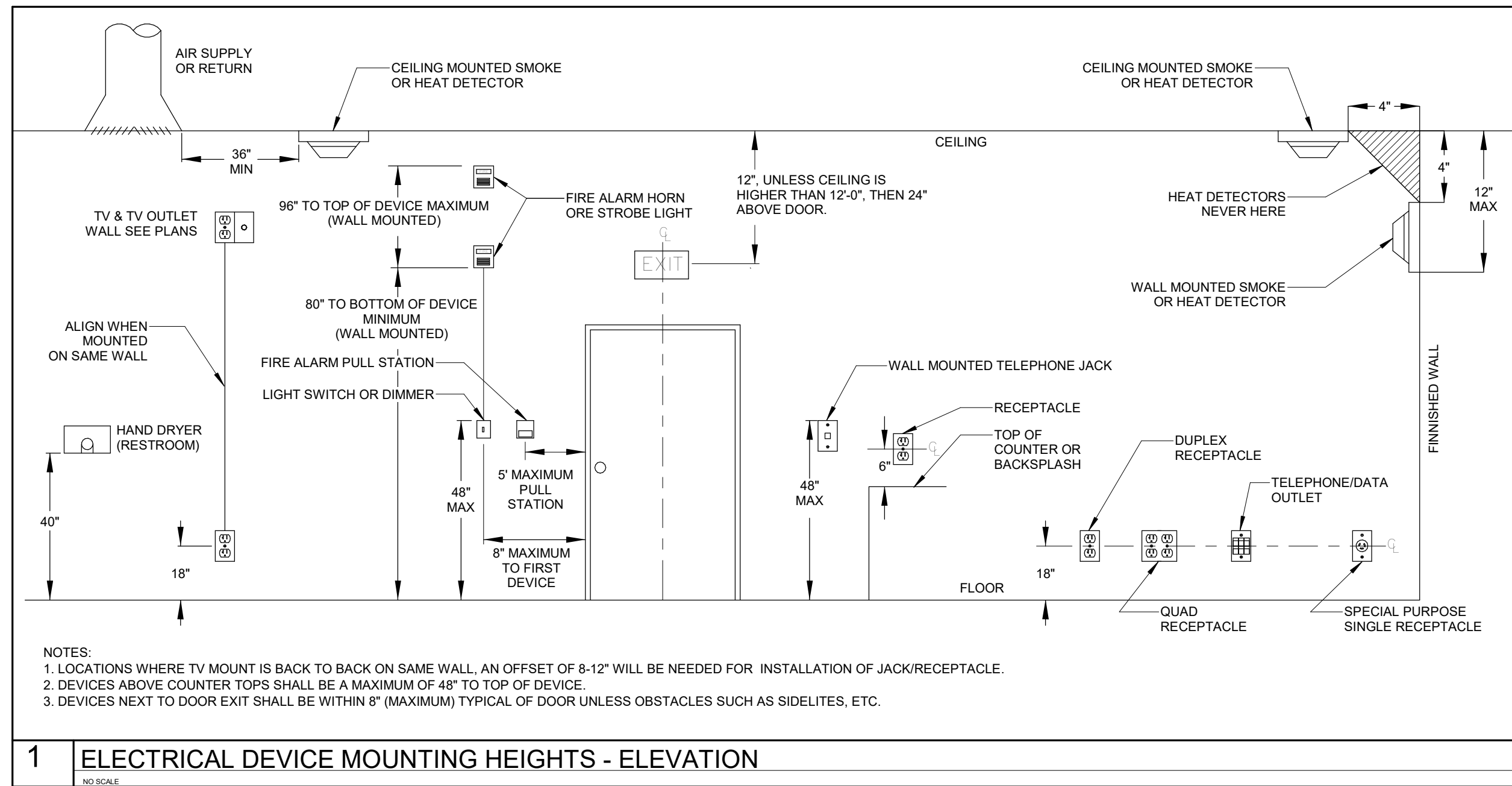


DEMOLITION AND NEW LIGHTING PLANS

WORK ORDER & SHEET NO.

K8101
E1.1

K8101 DEMOLITION LIGHTING PLAN 1
SCALE: 1/8" = 1'-0"



DEVICES AND PATHWAYS

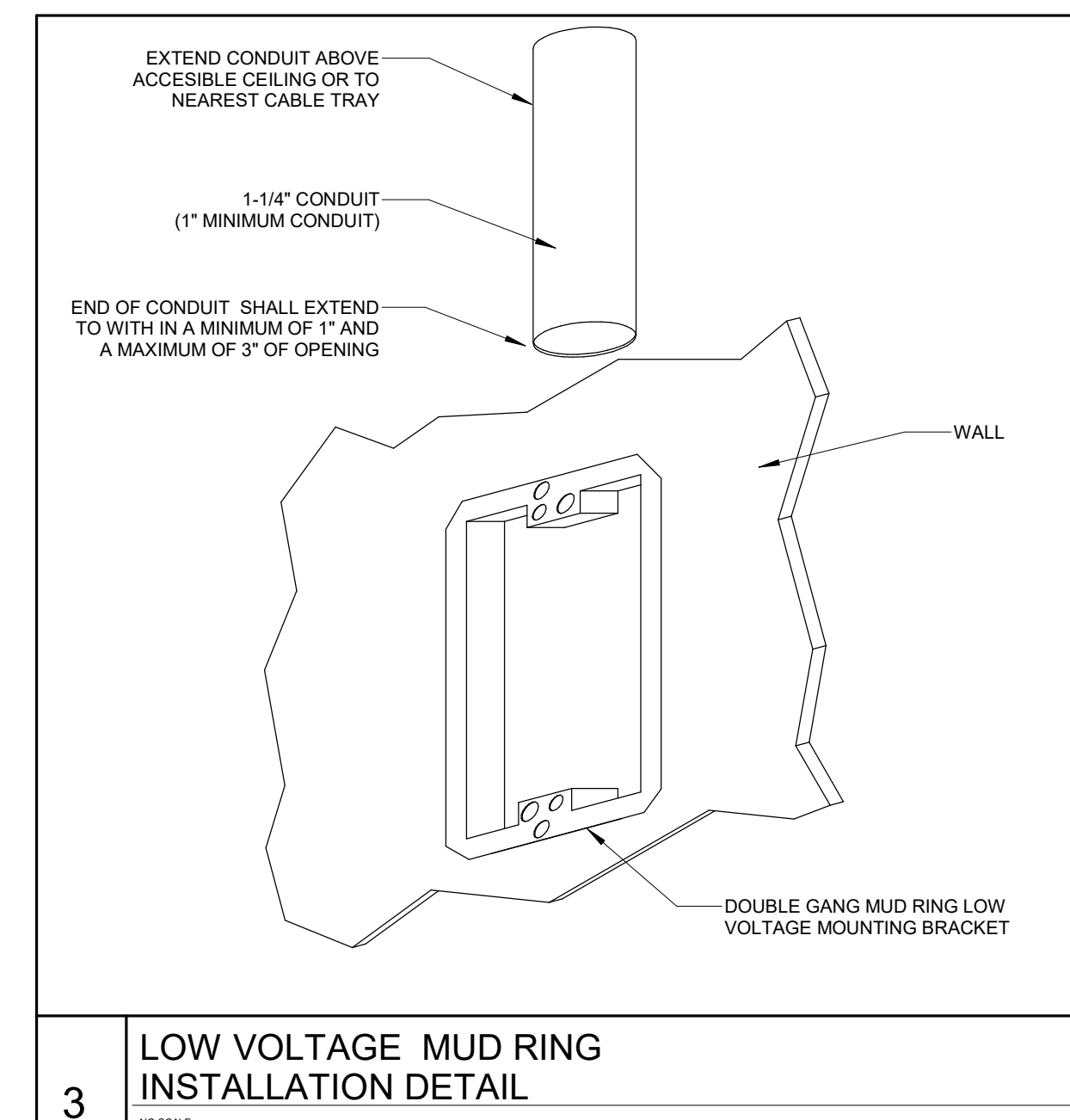
(---)	WIRING SYSTEM CONCEALED IN WALL OR CEILING.
(---)	BRANCH CIRCUIT HOMERUN TO PANEL.
(J)	JUNCTION BOX WITH CONNECTION TO EQUIPMENT SERVED. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
(R)	DUPLEX RECEPTACLE. 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT).
(R)	DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, OR AT HEIGHT NOTED.
(R)	QUAD RECEPTACLE. TWO NEMA 5-20R DUPLEX RECEPTABLES.
(GFI)	GROUND FAULT RECEPTACLE. NEMA 5-20R DUPLEX. ALL RECEPTABLES INSTALLED OUTSIDE, WITHIN 6' OF A SINK OR IN A KITCHEN SHALL BE GFCI.
(R)	DUPLEX RECEPTACLE. 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT). T.V. RECEPTACLE MOUNTED AT 72" A.F.F. OR AT HEIGHT NOTED ON DRAWING.
(WP)	WEATHERPROOF RECEPTACLE. NEMA 5-20R GFI DUPLEX.
(TVSS)	TELEVISION RECEPTACLE. 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT). MOUNTED AT HEIGHT SPECIFIED BY OIT.
(R)	WIREMOLD NEMA 5-15R RECEPTABLES 24" ON CENTERS. ALTERNATE CIRCUITS.
(S)	SPECIAL OUTLET. SEE PLANS.
(FC)	MODULAR FURNITURE CONNECTION. PROVIDE DOUBLE-GANG BARRIERED J-BOX FOR POWER & TELE/DATA. EXTEND 1-1/4" EC TO ABOVE ACCESSIBLE CEILING FOR TELE/DATA. CONNECT POWER AS INDICATED.
(F)	FLOOR BOX WITH POWER AND DATA CONNECTIONS. SEE KEYED NOTES ON SHEET FOR PRODUCT PART NUMBER.
(V)	POKE THROUGH WITH POWER AND DATA CONNECTIONS. SEE KEYED NOTES ON SHEET FOR PRODUCT PART NUMBER.
(PP)	ELECTRICAL POWER POLE.

PANELS, DISCONNECTS

(D)	NON-FUSED HEAVY DUTY DISCONNECT SWITCH. NUMERALS INDICATE SWITCH RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
(D)	FUSED HEAVY DUTY DISCONNECT SWITCH. NUMERALS INDICATE SWITCH RATING/FUSE SIZE. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
(D)	CIRCUIT BREAKER. NUMERALS INDICATE RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
(D)	PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF.
(D)	DOOR MOTOR CONTROL. MOUNT +48" AFF. CONTROLS SHALL BE UP, DOWN, AND STOP MOUNTED ON 4" SQUARE BOX (FLUSH BOX)

TELECOMMUNICATIONS

(V)	TELE/DATA OUTLET. 1" EC TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
-----	---



LIGHTING (SEE FIXTURE SCH.)

(G)	LED GRID TROFFER LIGHT FIXTURE. SEE FIXTURE SCHEDULE. SUSPEND TWO CORNERS WITH WIRE TO STRUCTURE. DO NOT ALLOW GRID ALONE TO SUPPORT FIXTURE.
(S)	LED STRIP LIGHT FIXTURE.
(R)	LED RECESSED DOWN LIGHT FIXTURE.
(R)	WALL MOUNTED LED LIGHT FIXTURE.
(R)	LED FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE FIXTURE SCHEDULE FOR FIXTURE TYPE.
(R)	LED DOWNLIGHT CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE FIXTURE SCHEDULE FOR FIXTURE TYPE.
(R)	EXIT LIGHT WITH ARROWS AND NUMBERS OF FACES AS INDICATED ON PLANS. CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE LIGHTING FIXTURE SCHEDULE.
(R)	EMERGENCY LIGHT FIXTURE. CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE LIGHTING FIXTURE SCHEDULE.
(R)	EMERGENCY LIGHT FIXTURE/EXIT COMBO FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE FIXTURE SCHEDULE.
(S)	SINGLE POLE SWITCH, 20 AMP, 120/277 VOLT.
(S)	THREE WAY SWITCH, 20 AMP, 120/277 VOLT.
(S)	FOUR WAY SWITCH, 20 AMP, 120/277 VOLT.
(S)	DIMMER SWITCH.
(S)	WALL MOUNTED OCCUPANCY SENSOR AND SWITCH WITH DUAL TECHNOLOGY.
(S)	LOW VOLTAGE LIGHT SWITCH.
(OC)	CEILING MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY.
(PP)	CEILING MOUNTED OCCUPANCY SENSOR POWER PACK.
(RC)	LIGHTING ROOM CONTROLLER.
(EM)	EMERGENCY LIGHTING CONTROLLER MODULE.

FIRE ALARM

(FACP)	FIRE ALARM CONTROL PANEL WITH LOCAL SMOKE DETECTOR.
(RA)	FIRE ALARM REMOTE ANNUNCIATOR. PROVIDE BOX AS REQUIRED PER MANUFACTURER RECOMMENDATION. PROVIDE 1/2" CONDUIT FOR CABLING.
(M)	FIRE ALARM MANUAL STATION. PROVIDE PROTECTION DEVICE
(SD)	CEILING MOUNTED SMOKE DETECTOR. FA VENDOR PROVIDED.
(HD)	CEILING MOUNTED HEAT DETECTOR.
(DD)	DUCT MOUNTED SMOKE DETECTOR. FURNISHED AND CONNECTED BY ELECTRICAL CONTRACTOR. INSTALLED BY MECHANICAL CONTRACTOR. CUTTING OF DUCT. INSTALLATION OF DETECTOR. AND DETERMINATION OF SAMPLING TUBE LENGTH SHALL BE THE MECHANICAL CONTRACTOR. PROVIDE REMOTE INDICATING LIGHT WITH EACH DETECTOR.
(FS)	SPRINKLER SYSTEM FLOW SWITCH.
(TS)	SPRINKLER SYSTEM TAMPER SWITCH.
(SD)	SMOKE DAMPER. FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. CONNECTED TO FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR.
(DH)	MAGNETIC DOOR HOLDER. PROVIDED BY GENERAL CONTR. INSTALLED BY ELEC. CONTR. PROVIDE A SMOKE DETECTOR WITHIN 5 FT. OF BOTH SIDES OF DOORS TO LOCALLY ACTIVATE DOOR UPON SMOKE SIGNAL.
(F)	ADA COMPLIANT WALL MOUNT FIRE ALARM HORN WITH STROBE LIGHT, 15cd UNLESS OTHERWISE NOTED. WHITE FINISH.**
(S)	ADA COMPLIANT WALL MOUNT FIRE ALARM STROBE LIGHT, 15cd UNLESS OTHERWISE NOTED. WHITE FINISH.**
(F)	ADA COMPLIANT CEILING MOUNTED FIRE ALARM HORN STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.**
(S)	ADA COMPLIANT CEILING MOUNTED FIRE ALARM STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
(R)	DUCT DETECTOR REMOTE INDICATING LIGHT.
(SP)	ADA COMPLIANT CEILING MOUNTED FIRE ALARM SPEAKER STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
(SP)	ADA COMPLIANT WALL MOUNTED FIRE ALARM SPEAKER STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
(R)	DUCT DETECTOR REMOTE INDICATING LIGHT.

GENERAL NOTES

- IF THERE ARE ANY DESIGN OR BUDGET ISSUES WITH THIS PROJECT, CONTACT THE DESIGNER INDICATED ON THIS SHEET AS SOON AS POSSIBLE
- FOLLOW THE DESIGN AS PER THESE STANDARD PLANS. ANY CHANGES, ADDITIONS, OR ADJUSTMENTS SHALL BE REVIEWED WITH THE PERSON WHOSE ENGINEERING STAMP IS HERE ATTACHED.
- SEE OIT DRAWINGS FOR PATHWAYS AND J-BOXES REQUIRED FOR TELE/DATA AND AUDIO/VISUAL NEEDS.
- ALL CONDUIT PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS SHALL BE FIRE CAULKED AS REQUIRED BY CODE.
- ALL SHADED AREAS ARE OUTSIDE SCOPE OF WORK.

ABBREVIATIONS

+42"	DIMENSION INDICATES HEIGHT ABOVE FINISHED FLOOR AT WHICH CENTER OF DEVICE IS TO BE MOUNTED. SEE PLANS.
3R	NEMA 3R RATING
AFF	ABOVE FINISHED FLOOR
AHU	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLER UNIT
C	CONDUIT WITH PULL CORD
C.B.	CIRCUIT BREAKER
CLG	INSTALLED IN CEILING
EC	EMPTY CONDUIT WITH PULL CORD
E.C.	ELECTRICAL CONTRACTOR
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FACP	FIRE ALARM CONTROL PANEL
FPN	FUSE PER NAMEPLATE
LC	LIGHTING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
U.G.	UNDERGROUND
WP	WEATHER PROOF
S.E.	SERVICE ENTRANCE
EM	EMERGENCY FIXTURE WITH BATTERY OR GENERATOR BACK-UP
isc	RMS SYMMETRICAL SHORT CIRCUIT CURRENT
AIC	AMPERE INTERRUPTING CAPACITY (EQUIPMENT RATING)
TVSS	TV RECEPTACLE MOUNTED AT HEIGHT DESIGNATED BY OIT.



FACILITIES PLANNING
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 FAX: (801) 422-0566

DATE: 01/24/24
 DESIGNER: LRM
 DRAWN BY: LRM

ADA CHECK:
 CODE CHECK:
 STRUCTURAL:
 UTILITIES DIR:
 PLANNING DIR:

CLIENT APPROVAL DATE

REVISIONS

BRIGHAM YOUNG UNIVERSITY

REMODEL OFFICE SUITE 1041 AND SUITE 1053
 COLLEGE OF HUMANITIES
 JOSEPH F. SMITH BUILDING (F5B) - LEVEL 1

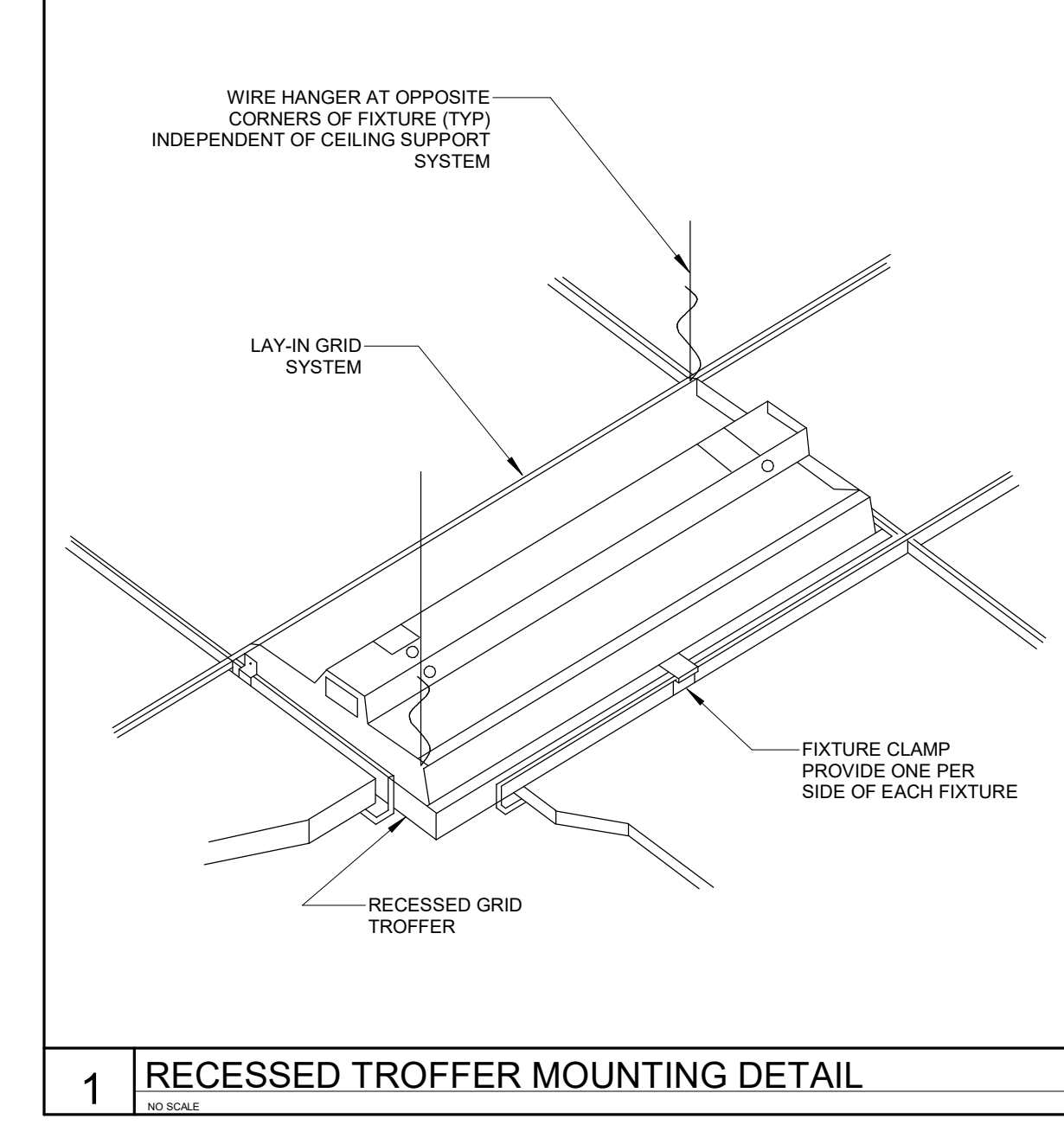
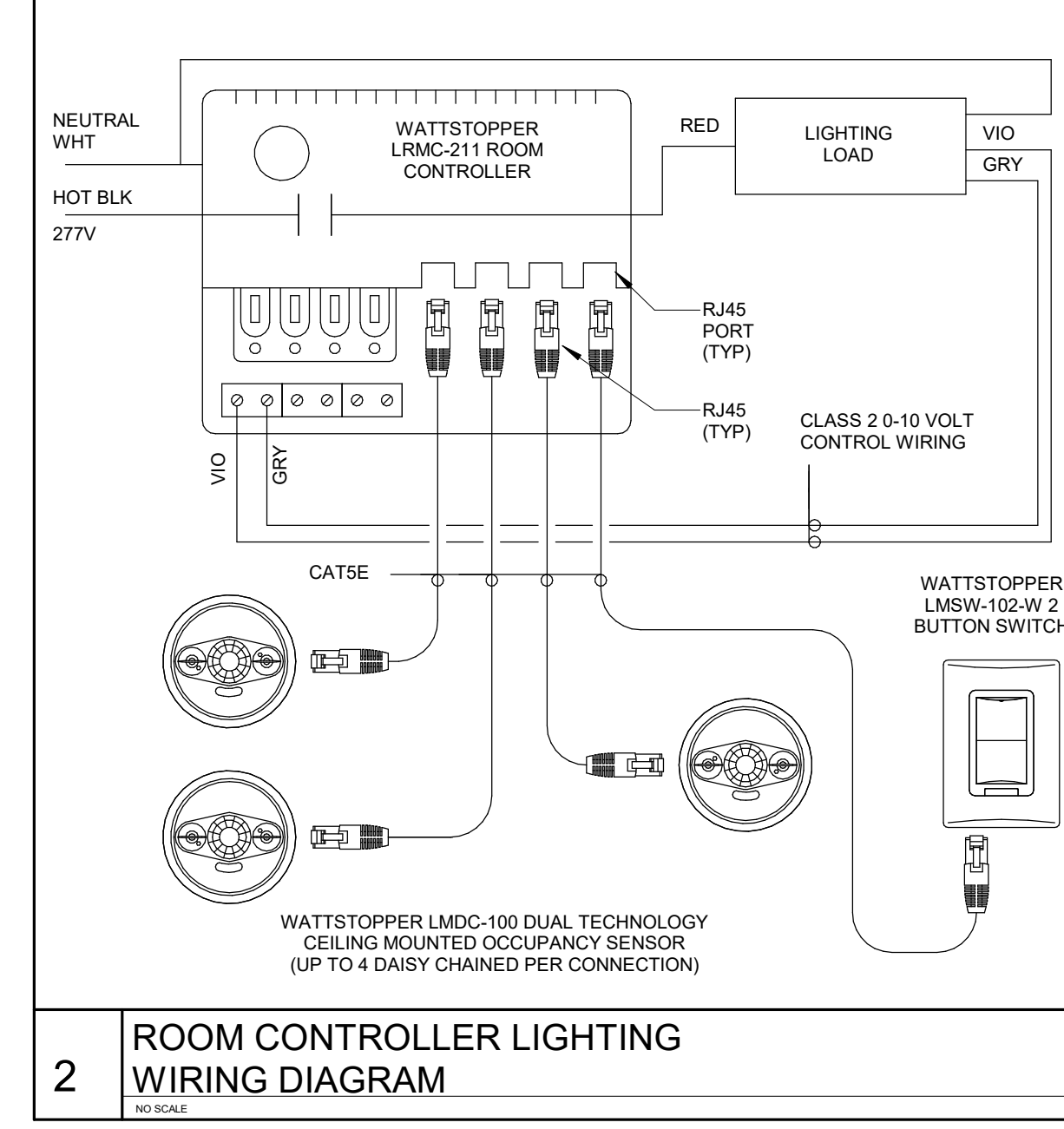
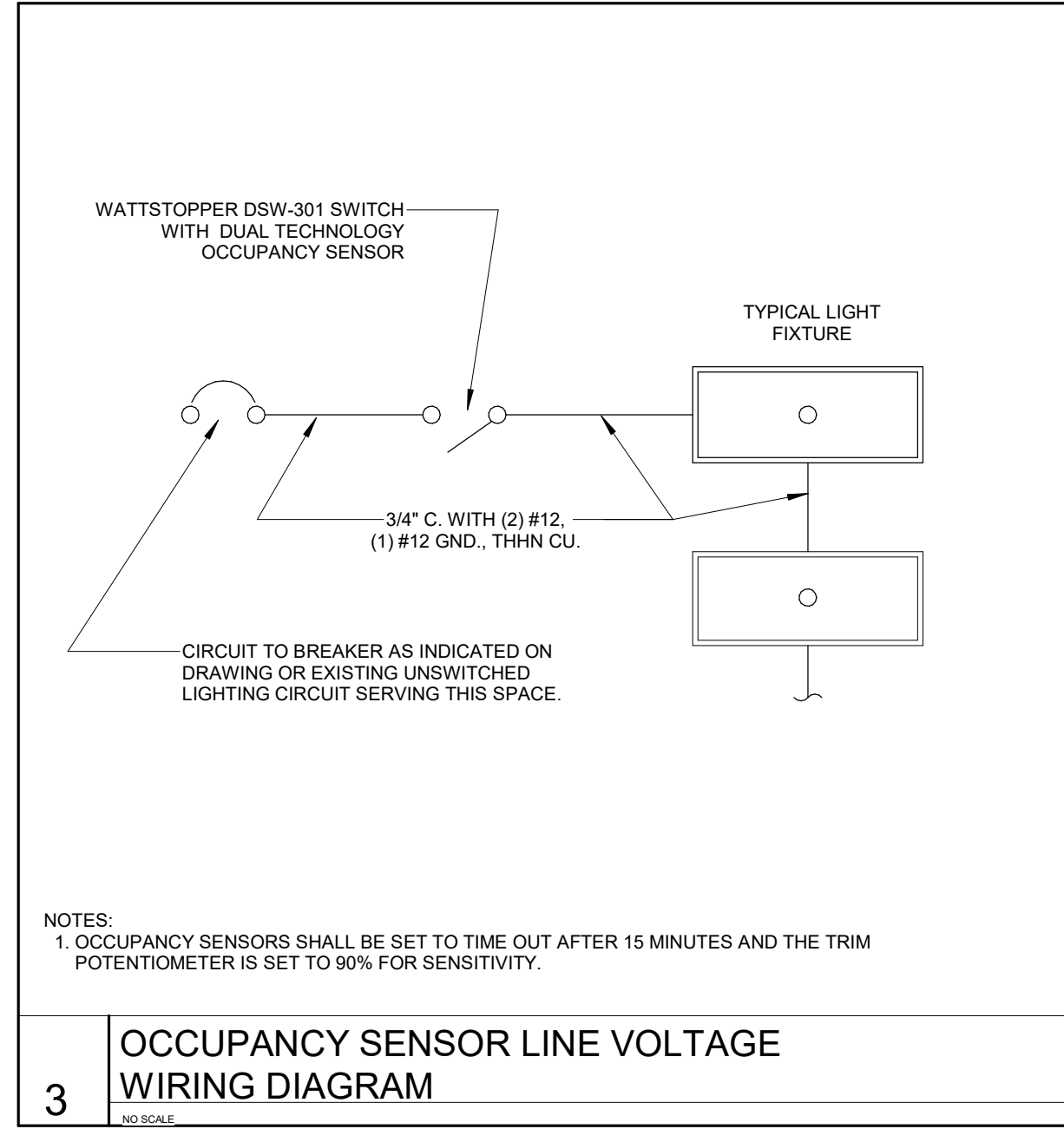
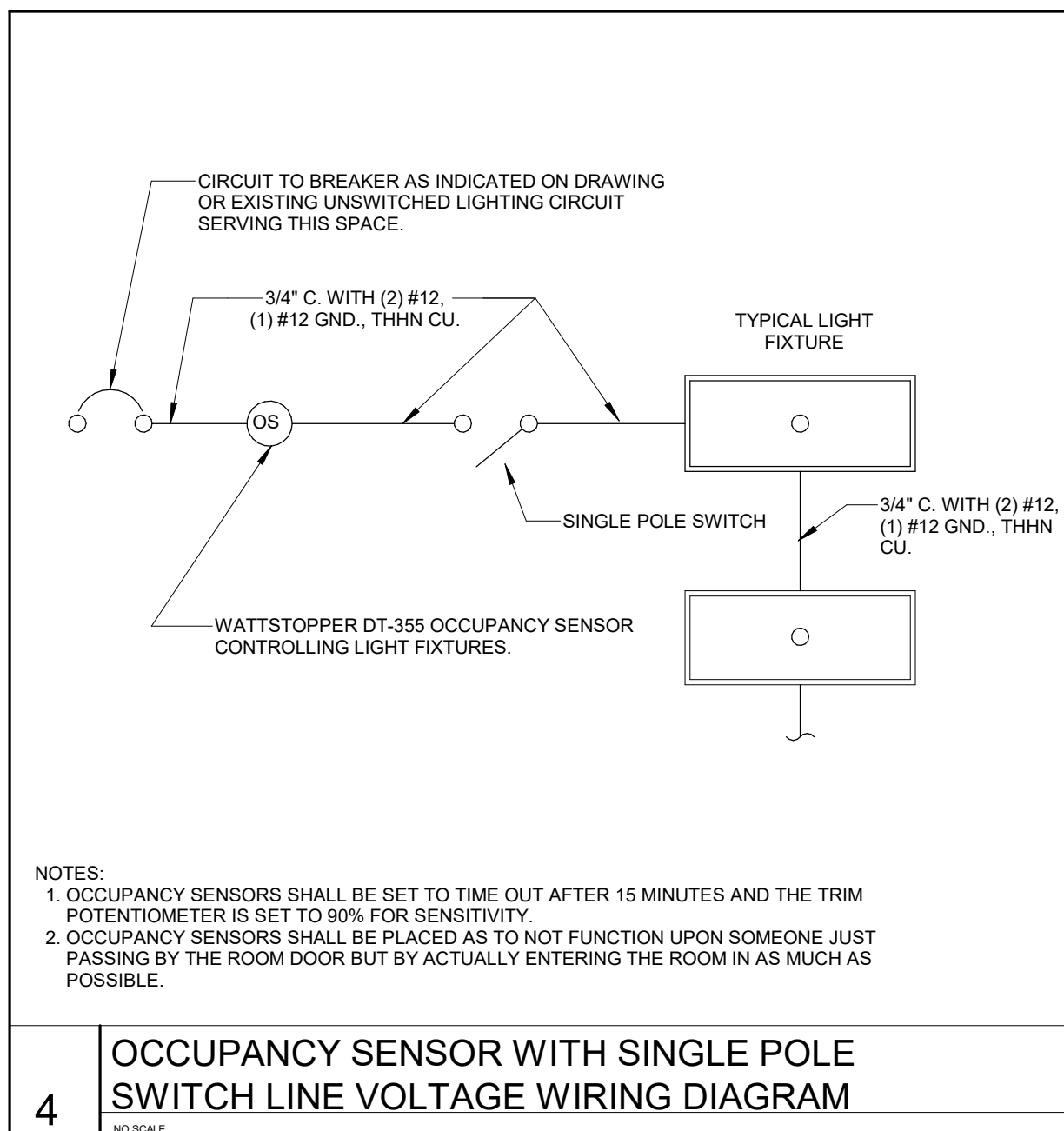


ELECTRICAL SYMBOLS, NOTES, AND DETAILS

WORK ORDER & SHEET NO.

K8101

E5.0



BYU LIGHTING FIXTURE SCHEDULE									
FIXTURE NUMBER	MANUFACTURER	FIXTURE CATALOG NUMBER	LAMPS		FIXTURE			FIXTURE DESCRIPTION	REMARKS
			TYPE	QTY.	VOLTS	WATTS	MOUNTING		
F1	LITHONIA SLG SYLVANIA COOPER	CPX 2X4 AL08 SWW7 TPS2435/45/55G2FSK LPX-24-CP4 PANELF3BS04SUNVD8699 24CGTS-L3C3	LED	1	UNV	50	CEILING TROFFER	2X4 LED FLAT PANEL TROFFER	
EX	DUAL LITE	SESGW (SINGLE FACE) SESGW (DOUBLE FACE)	LED	2	UNIV	2.1	WALL / CEILING	WALL OR CEILING MOUNTED EXIT SIGN WITH SINGLE OR DOUBLE FACE LETTERING AND BREAK OUT CHEVRONS FOR DIRECTION ARROWS.	

PANEL SCHEDULE "1LA4"																																																																										
VOLTAGE: 208 Y/120 VOLTS					BUS RATING (AMPS): 225					REMARKS: EXISTING PANEL LOCATED IN ROOM 1031 FED FROM PANEL XXX IN RM 1071 WITH A 225A BREAKER																																																																
MOUNTING: SURFACE					PHASE: 3 MAIN LUGS ONLY					ENCLOSURE: NEMA 1																																																																
WIRE: 4					MINIMUM EQUIPMENT RATING: 22,000					AMPS (RMS-SYM)																																																																
CIRCUIT BREAKER	No.	AMPS	POLE	MOD.	CIRCUIT NAME	FEEDER			WATTS	LOAD/PHASE (VA)			WATTS	FEEDER			CIRCUIT NAME	MOD.	POLE	AMPS	No.																																																					
						C	WIRE	GRD		ØA	ØB	ØC		ØA	ØB	ØC																																																										
	1	20	1	-	EXTG RECEPT. RM 1049	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. RM 1041 A	-	1	20	2																																																					
	3	20	1	-	EXTG RECEPT. RM 1043	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. RM 1041 B	-	1	20	4																																																					
	5	20	1	-	EXTG RECEPT. RM 1041 J	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG SEC. 1041 C	-	1	20	6																																																					
	7	20	1	-	EXTG RECEPT. RM 1041 H	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. RM 1041 D	-	1	20	8																																																					
	9	20	1	-	EXTG RECEPT. RM 1041 I	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. RM 1041 E	-	1	20	10																																																					
	11	20	1	-	EXTG RECEPT. OFFICE 1041 G	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. RM 1041 F	-	1	20	12																																																					
	13	20	1	-	EXTG RECEPT. RM 1041 J	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. RM 1031	-	1	20	14																																																					
	15	20	1	-	EXTG RECEPT. OFFICE 1041 K	3/4"	#12	#12	1,000	900	1,980	1,080	1.00	#12	#12	3/4"	NEW RECEPT RM 1049A, 1049B	-	1	20	16																																																					
	17	20	1	-	EXTG RECEPT. RM 1041 L,J,K	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. RM 1031 A	-	1	20	18																																																					
	19	20	1	-	EXTG RECEPT. RM 1041	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. RM 1031 A	-	1	20	20																																																					
	21	20	1	-	EXTG RECEPT. RM 1041	3/4"	#12	#12	1,000	900	1,620	720	1.00	#12	#12	3/4"	NEW RECEPT RM 1049E	-	1	20	22																																																					
	23	20	1	-	EXTG OHP SCREEN	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG RECEPT. LOBBY 1101	-	1	20	24																																																					
	25	20	1	-	NEW RECEPT RM 1043 CENTER TOP	3/4"	#12	#12	1,000	360	1,260	900	1.00	#12	#12	3/4"	EXTG TELE RM CUST. 1021 / W.C.	-	1	20	26																																																					
	27	20	1	-	EXTG LVTP FLOOR AC BOXES	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG FIRE ALRM PANEL ROOM	-	1	20	28																																																					
	29	20	1	-	EXTG LOAD	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG OHP	-	1	20	30																																																					
	31	20	1	-	EXTG LOAD	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	32																																																					
	33	20	1	-	EXTG LOAD	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	34																																																					
	35	20	1	-	EXTG LOAD	3/4"	#12	#12	1,000	900	1,440	540	1.00	#12	#12	3/4"	NEW RECEPT RM 1049C	-	1	20	36																																																					
	37	20	1	-	EXTG RM 1023 A/C EQUIP.	3/4"	#12	#12	1,000	900	1,440	540	1.00	#12	#12	3/4"	NEW RECEPT RM 1049D	-	1	20	38																																																					
	39	20	1	-	EXTG RM 1023 A/C EQUIP.	3/4"	#12	#12	1,000	900	2,100	1,200	1.00	#12	#12	3/4"	NEW RECEPT RM 1043 MICROWAVE	-	1	20	40																																																					
	41	20	1	-	EXTG RM 1023 A/C EQUIP.	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	NEW RECEPT RM 1043 REF	-	1	20	42																																																					
NOTES: 1. NEW OR MODIFIED CIRCUITS ARE INDICATED IN BOLD.															ØA					ØB					ØC					TOTALS																																												
															11,700					12,900					12,240					36,840					CONNECTED LOAD (VA)																																							
																														102					CONNECTED LOAD (A)																																							
																																			0					DEMAND FACTOR ADJUSTMENTS (VA)																																		
																																			11,700					12,900					12,240					36,840					TOTAL LOAD (VA)																			
																																			97					107					102					TOTAL LOAD (A)																								
																																																		107					MAXIMUM LOAD (A)																			
																																																							32%					35%					33%					PHASE BALANCE				

PANEL SCHEDULE "1LA5"																																																																										
VOLTAGE: 208 Y/120 VOLTS					BUS RATING (AMPS): 225					REMARKS: EXISTING PANEL LOCATED IN ROOM 1031 FED FROM PANEL XXX IN RM 1071 WITH A 225A BREAKER																																																																
MOUNTING: SURFACE					PHASE: 3 MAIN LUGS ONLY					ENCLOSURE: NEMA 1																																																																
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CIRCUIT BREAKER	No.	AMPS	POLE	MOD.	CIRCUIT NAME	FEEDER			WATTS	LOAD/PHASE (VA)			WATTS	FEEDER			CIRCUIT NAME	MOD.	POLE	AMPS	No.																																																					
						C	WIRE	GRD		ØA	ØB	ØC		ØA	ØB	ØC																																																										
	1	20	1	-	EXTG COMP LAB RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	2																																																					
	3	20	1	-	EXTG COMP LAB RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	4																																																					
	5	20	1	-	EXTG COMP LAB RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	6																																																					
	7	20	1	-	EXTG COMP LAB RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	8																																																					
	9	20	1	-	EXTG LAB FLOOR BOX RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	10																																																					
	11	20	1	-	EXTG LAB FLOOR BOX RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	12																																																					
	13	20	1	-	EXTG LAB FLOOR BOX RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	14																																																					
	15	20	1	-	EXTG LAB FLOOR BOX RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	16																																																					
	17	20	1	-	EXTG LAB FLOOR BOX RM 1031 A	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	18																																																					
	19	20	1	-	NEW RECEPT RM 1049Y	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	20																																																					
	21	20	1	-	EXTG OHP SCREEN	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	22																																																					
	23	20	1	-	NEW RECEPT RM 1049S, 1049Q, 1049P	3/4"	#12	#12	1,000	1,080	1,980	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	24																																																					
	25	20	1	-	NEW RECEPT RM 1045	3/4"	#12	#12	1,000	1,440	2,340	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	26																																																					
	27	20	1	-	NEW FLOOR BOX RM 1049 RECEPT.	3/4"	#12	#12	1,000	1,080	1,980	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	28																																																					
	29	20	1	-	NEW RECEPT RM 1049R	3/4"	#12	#12	1,000	1,260	2,160	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	30																																																					
	31	20	1	-	NEW RECEPT RM 1049X	3/4"	#12	#12	1,000	900	1,800	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	32																																																					
	33	20	1	-	NEW RECEPT RM 1049R	3/4"	#12	#12	1,000	1,260	2,160	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	34																																																					
	35	20	1	-	NEW RECEPT RM 1049U, 1049T, 1049S	3/4"	#12	#12	1,000	1,260	2,160	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	36																																																					
	37	20	1	-	NEW RECEPT RM 1051, 1049, 1049R	3/4"	#12	#12	1,000	1,080	1,980	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	38																																																					
	39	20	2	-	EXTG LOAD	-	-	-	1,000	900	900	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	40																																																					
	41	-	-	-	-	-	-	-	1,000	900	900	900	1.00	#12	#12	3/4"	EXTG LOAD	-	1	20	42																																																					
NOTES: 1. NEW OR MODIFIED CIRCUITS ARE INDICATED IN BOLD.															ØA					ØB					ØC					TOTALS																																												
															13,320					12,240					12,600					38,160					CONNECTED LOAD (VA)																																							
																														106					CONNECTED LOAD (A)																																							
																																			0					DEMAND FACTOR ADJUSTMENTS (VA)																																		
																																			13,320					12,240					12,600					38,160					TOTAL LOAD (VA)																			
																																			111					102					105					TOTAL LOAD (A)																								
																																																		111					MAXIMUM LOAD (A)																			
																																																							35%					32%					33%					PHASE BALANCE				



FACILITIES PLANNING
 240 BRWB PROVO, UTAH 84602
 PHONE: (801) 422-5504
 FAX: (801) 422-0566

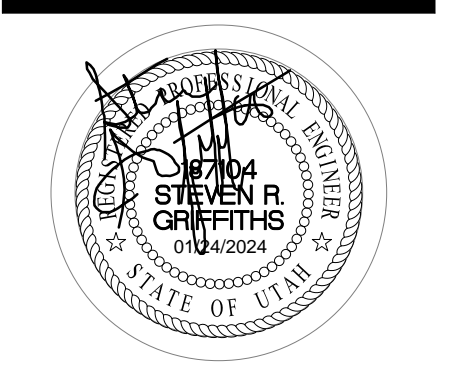
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ADA CHECK:
 CODE CHECK:
 STRUCTURAL:
 UTILITIES DIR:
 PLANNING DIR:

CLIENT APPROVAL DATE

REVISIONS

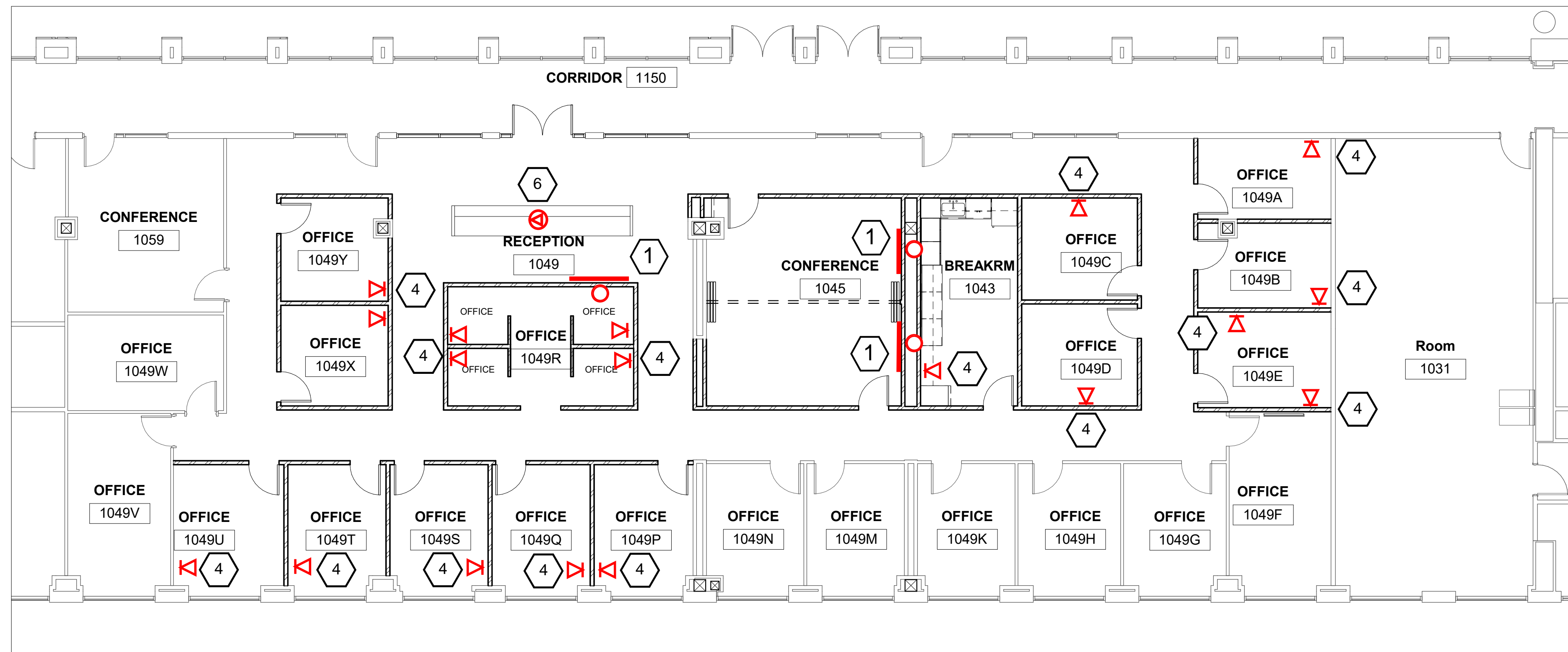
BRIGHAM YOUNG UNIVERSITY
 REMODEL OFFICE SUITE 1041 AND SUITE 1053
 COLLEGE OF HUMANITIES
 JOSEPH F. SMITH BUILDING (F5B) - LEVEL 1



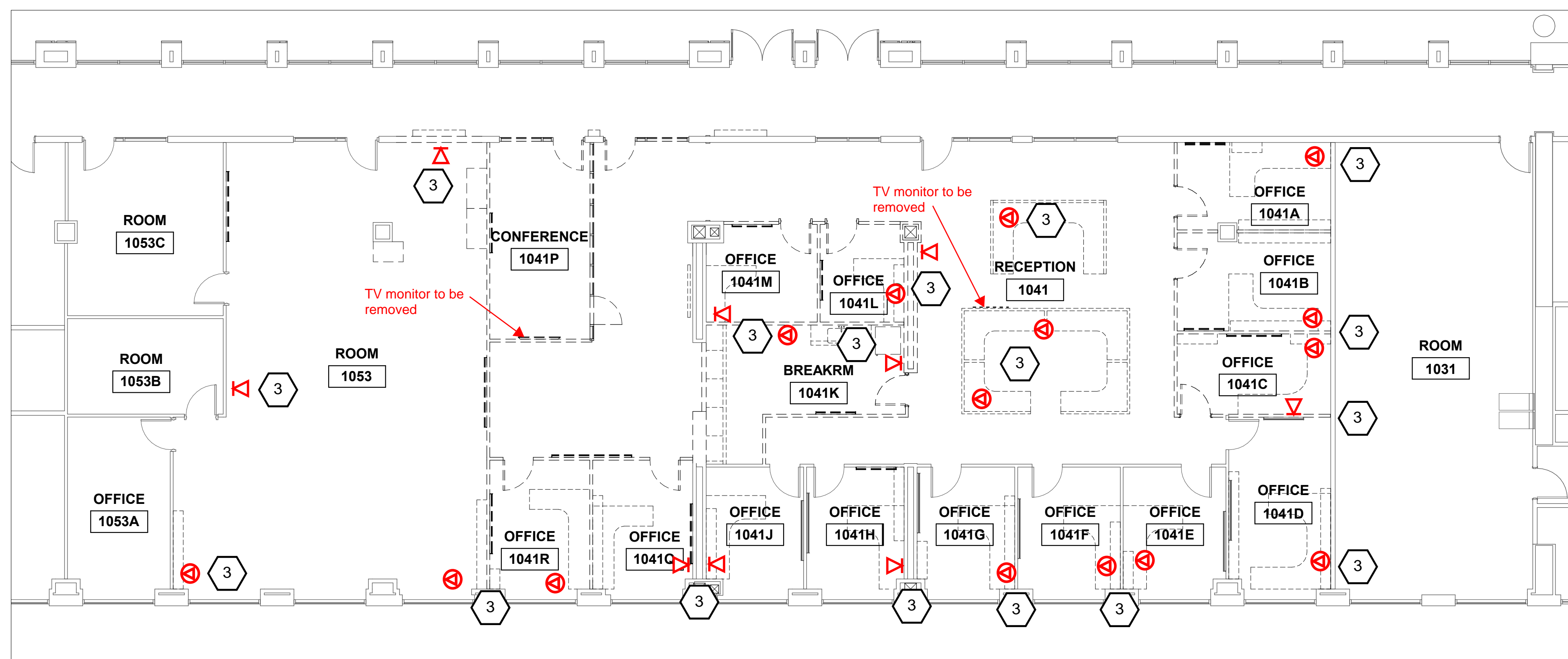
ELECTRICAL DETAILS AND SCHEDULES

WORK ORDER & SHEET NO.

**K8101
E5.1**



K8101 NEW FLOOR PLAN - OIT SCALE: 1/8" = 1'-0" **2**

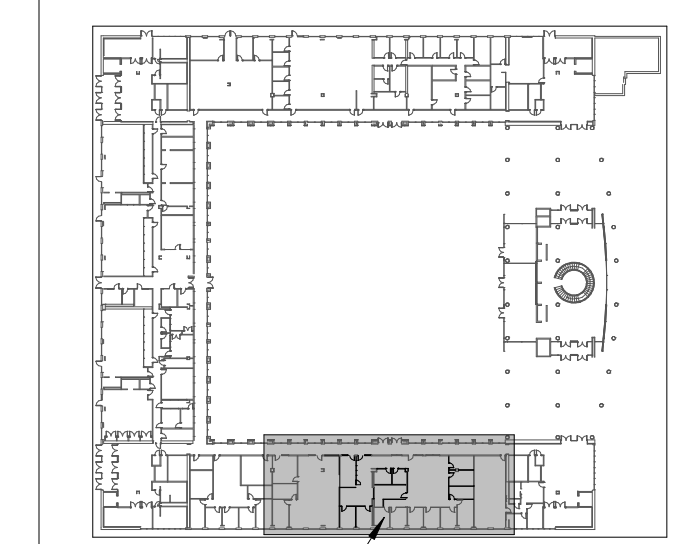


K8101 DEMOLITION FLOOR PLAN - OIT SCALE: 1/8" = 1'-0" **1**

REFERENCE NOTES

- 1 Office of IT: Install Flat Panel Display and associated cabling
Electric Shop: Install TVSS outlet
- 2
- 3 Office of IT: Temporarily network jacks
- 4 Electric shop: Install double-gang mud ring and conduit to cable tray
Office of IT: Install network jacks
- 5 Office of IT: Install network jacks
- 6 Electric shop: Install poke-through conduit or floor box
Office of IT: Install network jacks

LOCATION PLAN



JFSB - BASEMENT



FACILITIES PLANNING
240 BRWB PROVO, UTAH 84602
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FAX: (801) 422-0566

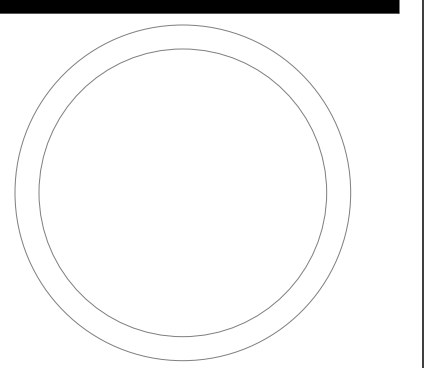
DATE: 3/2023
DESIGNER: S. McCLELLAN
DRAWN BY: MQ/JL

ADA CHECK:
CODE CHECK:
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UTILITIES DIR:
PLANNING DIR:

CLIENT APPROVAL DATE

REVISIONS

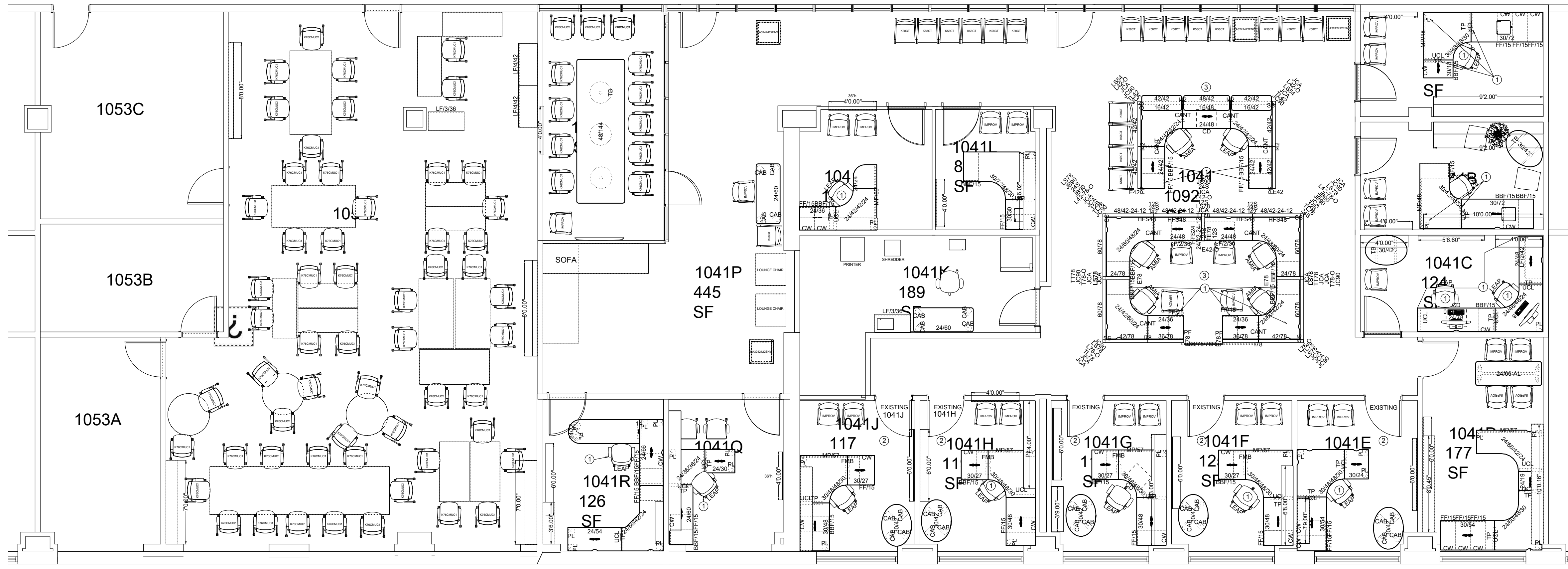
BRIGHAM YOUNG UNIVERSITY
 REMODEL OFFICE SUITE 1041 AND SUITE 1053
 COLLEGE OF HUMANITIES
 JOSEPH F. SMITH BUILDING (JFSB) - LEVEL 1



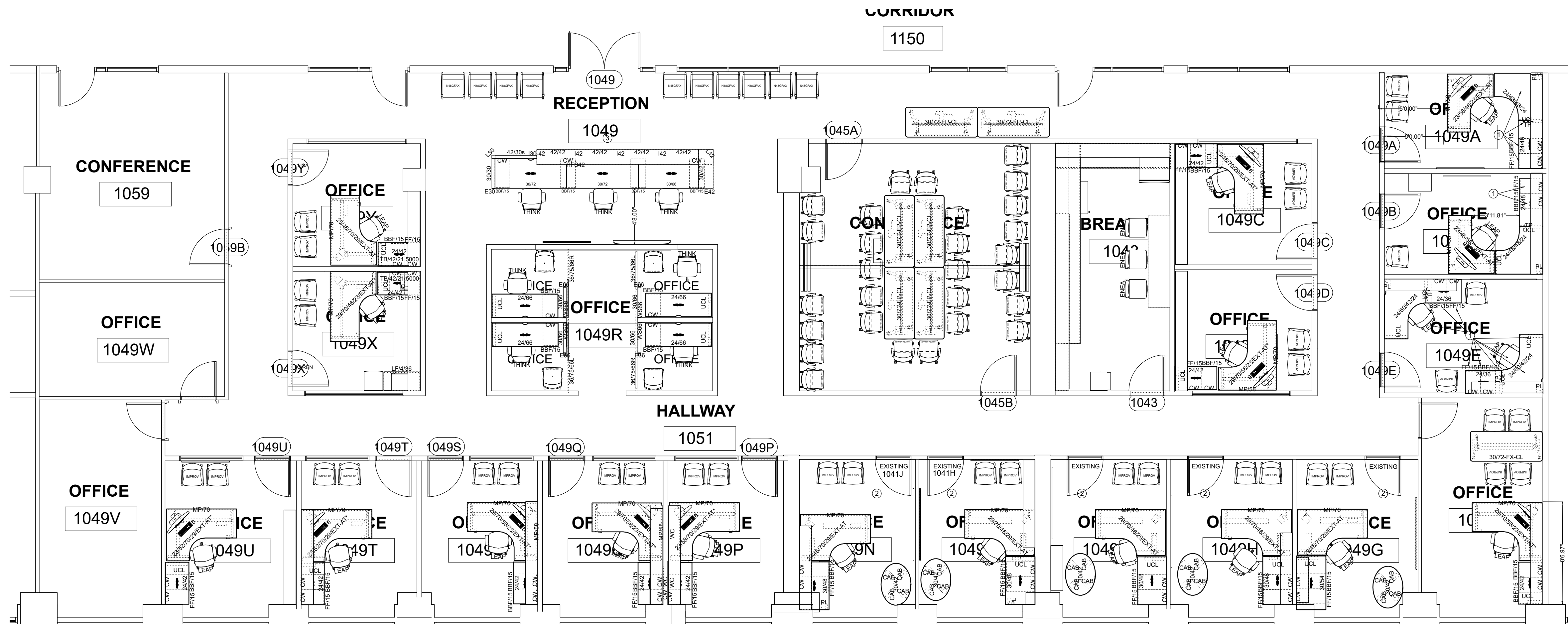
DEMOLITION AND NEW FLOOR PLANS

WORK ORDER & SHEET NO.

K8101 OIT-1



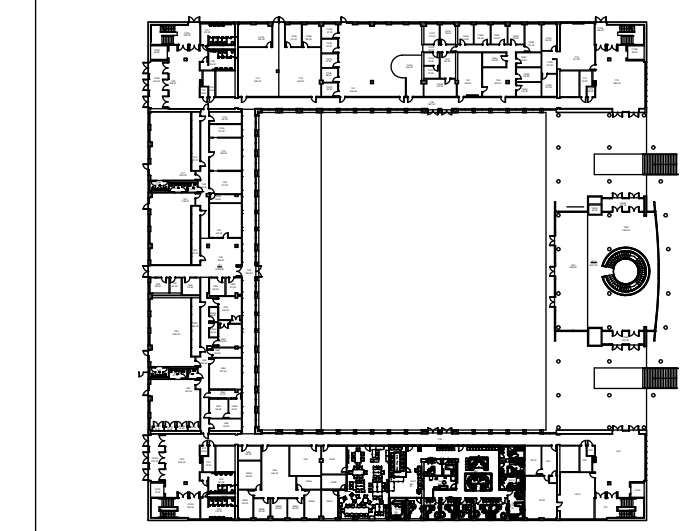
EXISTING LAYOUT



NEW LAYOUT

SHOP INSTRUCTIONS:

- SHOP INSTRUCTIONS:
- MOVING:
- 1 REUSE EXISTING FURNITURE ACCORDING TO PLANS.
 - 2 ALL FURNITURE TO REMAIN THROUGHOUT CONSTRUCTION, NEW HEIGHT ADJUSTABLE DESK TO BE INSTALLED.
- ELECTRICAL SHOP:
- 3 DISCONNECT EXISTING STEELCASE POWER WHIP.
 - 4 HARDWIRE STEELCASE POWER WHIP TO J-BOX.
- UPHOLSTERY SHOP:
- PROVIDE NEW CHAIR MATS IN EACH OFFICE AND BEHIND THE RECEPTION DESK
 - REUPHOLSTER (33) EXISTING IMPROVE CHAIRS
- FOR QUESTIONS, CONTACT SHERAMI JARA (801-874-8128) OR KOSHA HANSEN (801-422-5505).



LOCATION PLAN



FACILITIES PLANNING

240 BRWB PROVO, UTAH 84602
PHONE: (801) 422-5504
FAX: (801) 422-0566

DATE: 1/30/2024
DESIGNER: KOSHA HANSEN
DRAWN BY:

APPROVALS

ADA CHECK:	
CODE CHECK:	
UTILITIES DIR:	
STRUCTURAL:	
PLANNING DIR:	
CLIENT APPROVAL:	DATE:
REVISIONS:	

BRIGHAM YOUNG UNIVERSITY
2024 CNA JFSB REMODEL SUITES 1041 AND 1053
PHYSICAL FACILITIES
JFSB - 1041 & 1053

BYU WORK ORDER
K8101

FURNITURE PLAN

F1

CONSTRUCTION DOCUMENTS