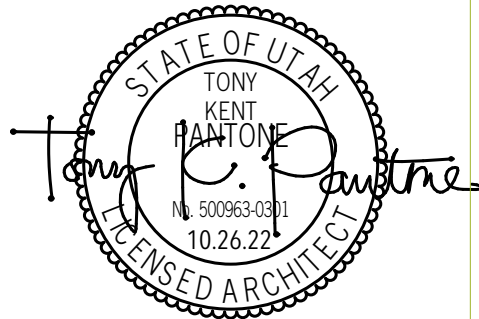


OCS - ANNEX BUILDING REMODEL

OGDEN, UT



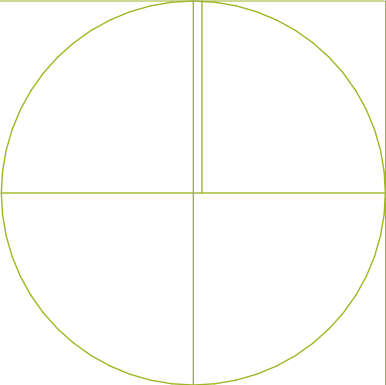
STUDIO 333 ARCHITECTS  
333 24TH STREET  
OGDEN, UT 84401  
801.394.3033



OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150  
SCALE:



COVER SHEET

G1.1



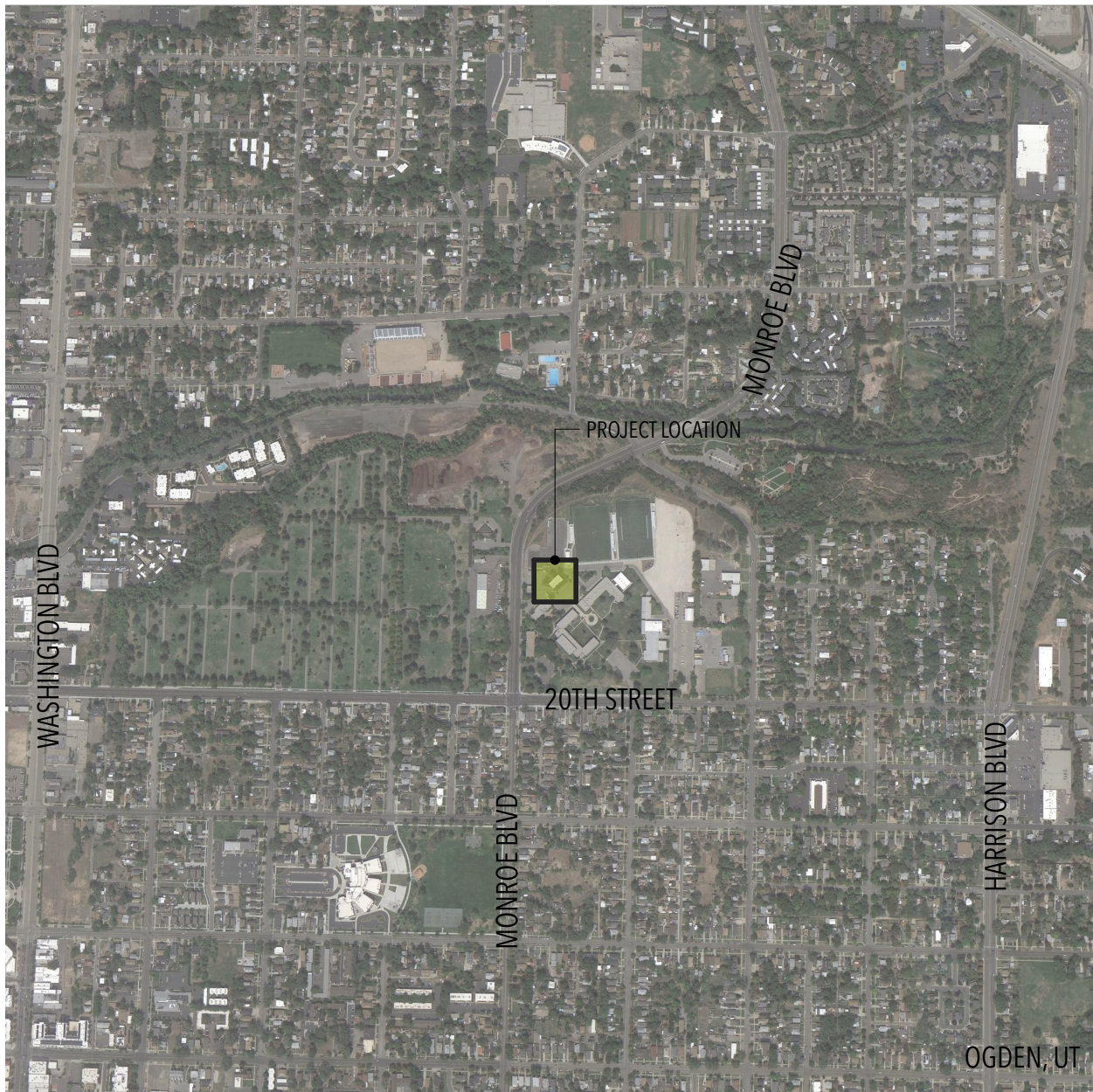
ABBREVIATIONS:

@	At	EB	Expansion Bolt	Max	Maximum
ø	Diameter	EIFS	Exterior Insul Fin System	Mech	Mechanical
#	Pound or Number	Exp Jt	Expansion Joint	Mtl	Metal
AB	Anchor Bolt	Elec	Electrical	Mfr	Manufacturer
ACT	Acoustical Tile	Elev	Elevation	Min	Minimum
Adj	Adjustable	Eq	Equal	NIC	Not In Contract
AFF	Above Finish Floor	Equip	Equipment	NTS	Not To Scale
Alum	Aluminum	EWC	Elec Water Cooler	O.C.	On Center
Bd	Board	Exist	Existing	PL	Plate
Bldg	Building	Ext	Exterior	re	Property Line
Bm	Beam	FD	Floor Drain	Plas Lam	Plastic Laminate
Bot	Bottom	Fdn	Foundation	Plywd	Plywood
Brg	Bearing	FECB	Fire Extinguisher Cab	R8	Resilient Base
BUR	Built Up Roofing	Fin Fl	Finish(ed) Floor	Re:	Reference
Cab	Cabinet	Fl	Foot or Feet	Reinf	Reinforced(d) (ing)
CJT	Control Joint	Flg	Flooring	Rtg	Roofing
CL	Center Line	Fur	Furring	Rm	Room
Clg	Ceiling	Ga	Gauge	SC	Solid Core
CMU	Concrete Masonry Units	Galv	Galvanized	Sch	Schedule
Col	Column	GC	General Contractor	Sec	Section
Conc	Concrete	GI	Glass	Sim	Similar
Const	Construction	Gyp Bd	Gypsum Board	Spec	Specification
Const Jt	Construction Joint	HC	Hollow Case	Sq	Square
Cont	Continuous	Hdwd	Hardwood	Stl	Steel
Contr	Contract(or)	Hdwr	Hardware	Temp Gl	Tempered Glass
Corr	Corridor	Hdrl	Handrail	Typ	Typical
CT	Ceramic Tile	HM	Hollow Metal	UNO	Unless Noted Otherwise
Det	Detail	ID	Inside Diameter	VCT	Vinyl Composition Tile
Dim	Dimension	Incl	Includ(e)d (ing)	W/	With
Dn	Down	Insul	Insulation	Wd	Wood
Dr	Door	Int	Interior	Wdw	Window
Ea	Each	Jt	Joint	W/O	Without
				Wsc	Wainscot

STANDARD MATERIAL LEGEND:

	Asphalt		Glass (in elevation)
	Batt Insulation		Gravel/ Rock Fill
	Ceramic Tile (in elevation)		Gypsum board
	Concrete		Particle Board, MDF
	Concrete & Plaster (in elevation)		Plywood
	Concrete Masonry Units		Rigid Insulation
	Brick		Spray Foam Insulation
	Structural Fill		Steel
	Earth		Wood Framing (cont. member)
	Finish Lumber		Wood Framing (interrupted member)
	Glass		Metal Studs

VICINITY MAP:



STANDARD SYMBOL LEGEND:

Building/Wall Section Reference	
Sheet Reference	
Elevation Reference	
Sheet Reference	
Detail Reference	
Sheet Reference	
Elevation Marker	
Room Number	
Door Designation	
Window Designation	
Room Title	
Room Number	
Partition Type	
Keyed Note	
Ceiling Type	
Ceiling Elevation	
Finish Label	
Equipment/Sign Label	
Glazing Label	

NOTES TO BIDDERS:

- This sheet contains a list of drawings which comprise a full set of drawings for this project. Any Contractor, Subcontractor, Vendor or any other person participating in or bidding on this project shall be responsible for the information contained on any and all sheets of drawings and specifications. If any person, party or entity elects to submit bids for any portion, or all, of this project, that person, party or entity shall be responsible for any and all information contained in these drawings and specifications, including, but not limited to, any subsequent addendums or clarifications that may be issued.
- These documents describe the design intent. It is the Contractor's responsibility to provide everything specified on the drawings regardless of where it is shown on the drawings or in the specifications.
- Everything specified in these documents shall be "new" and provided by the Contractor, Subcontractor, Vendor or any other person participating in or bidding on this project unless noted otherwise as "existing" (exist), "not in contract" (nic), or for reference only. Furnishings shown dashed shall be for reference only.

GENERAL NOTES:

- It is the Contractor's responsibility to review and coordinate the work of all Subcontractors, Trades and Suppliers with the requirements of the Contract Documents before commencing construction, and to assure that all parties are aware of all requirements, regardless of where the requirements occur in the Contract Documents, which might affect the work of that party.
- As part of the Contractor's responsibility to review and coordinate the work of all Subcontractors, Trades and Suppliers, the Contractor shall endeavor to identify and notify the Architect of any conflicts between the work of different parties at the earliest possible date so as to allow reasonable and adequate time for the conflict to be resolved without delaying the work. All deviations from that which is required by the Contract Documents must be approved in advance by the Architect.
- The Architectural drawings establish and coordinate the finished appearance and exact location of all exposed elements of the work of all the trades, including that work which is specified primarily on the drawings of other disciplines. Quantities are to be provided as shown on drawings of other disciplines but locations shown on other drawings are schematic. Unless otherwise noted on the architectural drawings, the architectural drawings take precedence for the finished appearance and exact location of all parts of the work.
- Except where noted to place items of work at the approximate location shown, do not scale drawings for dimensional information. All elements of the drawings may not be drawn to exact scale. All dimensions required are shown or may be derived from those shown on the floor plans, enlarged plans, elevations, sections, details, schedules and specifications. If dimensions are not present, the Architect is to be notified so that a clarification can be issued.

PROJECT TEAM:

OWNER:  
OGDEN SCHOOL DISTRICT  
1950 MONROE BLVD OGDEN, UT 84401  
PHONE: 801.737.7300  
CONTACT: JARED CHERRY

ARCHITECT:  
STUDIO 333 ARCHITECTS  
333 24TH STREET  
OGDEN, UT 84401  
OFFICE PHONE: 801.394.3033  
CONTACT: TONY K. PANTONE , AIA, LEED AP

MECHANICAL ENGINEER:  
OLSEN & PETERSON ENGINEERS  
14 EAST 2700 SOUTH  
SALT LAKE CITY, UT 84115  
PHONE: 801.699.8549  
CONTACT: PAUL LAIRD

ELECTRICAL ENGINEER:  
COLVIN ENGINEERING  
505 E SOUTH TEMPLE, SUITE 100  
SALT LAKE CITY, UT 84102  
PHONE: 801.505.5414  
CONTACT: PARIS LELACHEUR

FIRE DEPARTMENT:  
OGDEN CITY FIRE DEPARTMENT  
2186 LINCOLN AVE  
OGDEN, UT, 84401  
PHONE: 801.629.8069

PUBLIC WORKS DEPARTMENT:  
OGDEN PUBLIC WORKS OPERATIONS  
133 W 29TH STREET  
OGDEN, UT 84401  
PHONE: 801.629.8337

PLANNING DEPARTMENT:  
OGDEN CITY PLANNING  
2549 WASHINGTON BOULEVARD SUITE 140  
OGDEN, UT 84401  
PHONE: 801.629.8930

BUILDING DEPARTMENT:  
OGDEN CITY  
2380 WASHINGTON BLVD  
OGDEN, UT 84401  
PHONE: 801.399.8770

PROJECT DESCRIPTION:

Remodel of existing building including interior and exterior improvements. Interior improvements will include but are not limited to new furnace, condensing units, and gas line, upgraded electrical circuiting and replacement of all electrical devices, new finishes (carpet tile, LVT, paint), new solid core wood doors and new millwork. Exterior improvements will include repainting all steel handrails and guardrails, new aluminum storefront doors, new wall sconces, and new vinyl coated chain link fence.

BUILDING DEVELOPMENT STATISTICS:

APPLICABLE CODES	:	2018 INTERNATIONAL BUILDING CODE
	:	2018 INTERNATIONAL MECHANICAL CODE
	:	2018 INTERNATIONAL PLUMBING CODE
	:	2018 INTERNATIONAL FIRE CODE
	:	2018 INTERNATIONAL FUEL GAS CODE
	:	2019 NATIONAL ELECTRICAL CODE
	:	2018 INTERNATIONAL ENERGY CONSERVATION CODE
	:	2018 INTERNATIONAL EXISTING BUILDING CODE
	:	ICC/ANSI A117.1-2009

OCCUPANCY	:	B
BUILDING TYPE	:	TYPE IIIB
FIRE SPRINKLERS	:	NO (EXISTING)

SHEET INDEX:

GENERAL INFO

- G1.1 COVER SHEET
- G1.2 INDEX SHEET
- G1.3 TYPICAL ANSI ACCESSIBILITY STANDARDS

LIFE SAFETY PLANS

- G2.1 1ST LEVEL LIFE SAFETY PLAN

SITE PLANS

- SD1.1 ARCHITECTURAL SITE PLAN

DEMOLITION FLOOR PLANS

- D1.1 BASEMENT LEVEL DEMOLITION FLOOR PLAN

- D1.2 1ST LEVEL DEMOLITION FLOOR PLAN

DEMOLITION REFLECTED CEILING PLANS

- D1.11 1ST LEVEL DEMOLITION REFLECTED PLAN

ANNOTATED PLANS

- A1.1 BASEMENT LEVEL ANNOTATED PLAN

- A1.2 1ST LEVEL ANNOTATED PLAN

REFLECTED CEILING PLANS

- A1.11 1ST LEVEL REFLECTED CEILING PLAN

FINISH SCHEDULE & LEGEND

- A1.31 FINISH SCHEDULE & LEGEND

FINISH & SIGNAGE PLANS

- A1.41 1ST LEVEL FINISH & SIGNAGE PLAN

ELEVATIONS

- A2.1 EXTERIOR ELEVATIONS

- A2.2 EXTERIOR ELEVATIONS

INTERIOR ELEVATIONS

- A5.11 INTERIOR ELEVATIONS

- A5.12 INTERIOR ELEVATIONS

MILLWORK DETAILS

- A6.1 MILLWORK DETAILS

MISCELLANEOUS DETAILS

- A8.1 SIGNAGE SCHEDULE & DETAILS

DOOR & WINDOW SCHEDULES / DETAILS

- A9.1 DOOR SCHEDULE & WINDOW ELEVATIONS

- A9.21 OPENING DETAILS - STOREFRONT (CENTER GLAZED)

MECHANICAL

- MD100 MECHANICAL DEMO

- MD101 MECHANICAL DEMO

- M100 MECHANICAL

- M101 MECHANICAL

- M501 MECHANICAL

- M502 MECHANICAL

- M503 MECHANICAL

- M601 MECHANICAL

PLUMBING

- PD100 PLUMBING DEMO

- PD101 PLUMBING DEMO

- P001 PLUMBING

- P100 PLUMBING

- P101 PLUMBING

- P501 PLUMBING

- P502 PLUMBING

- P601 PLUMBING

ELECTRICAL

- EG1.1 SYMBOLS, ABBREVIATIONS, & DRAWING INDEX

- ED1.1 BASEMENT LEVEL DEMO FLOOR PLAN

- ED1.2 1ST LEVEL DEMO FLOOR PLAN

- EL1.1 1ST LEVEL LIGHTING PLAN

- EP1.1 BASEMENT LEVEL POWER PLAN

- EP1.2 1ST LEVEL POWER PLAN

- EY1.1 BASEMENT LEVEL SYSTEM PLAN

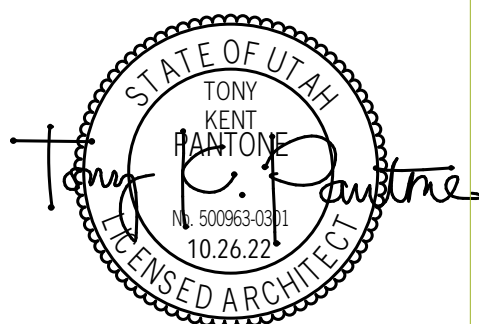
- EY1.2 1ST LEVEL SYSTEM PLAN

- EY2.1 FIRE ALARM RISER DIAGRAM

- EX1.1 MECHANICAL AND PANEL SCHEDULES

STUDIO 333 ARCHITECTS

333 24TH STREET  
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OCS - ANNEX BUILDING REMODEL

1950 MONROE BLVD , OGDEN, UT

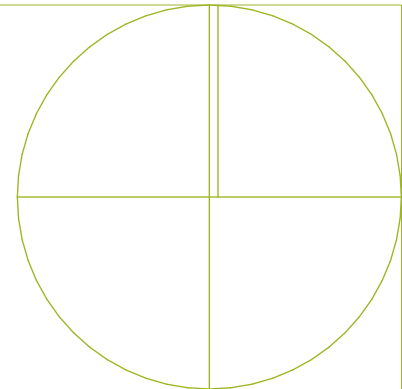
NO.	DATE	DESCRIPTION

PERMIT SET

DATE: 10.26.22

PROJECT NUMBER: 2150

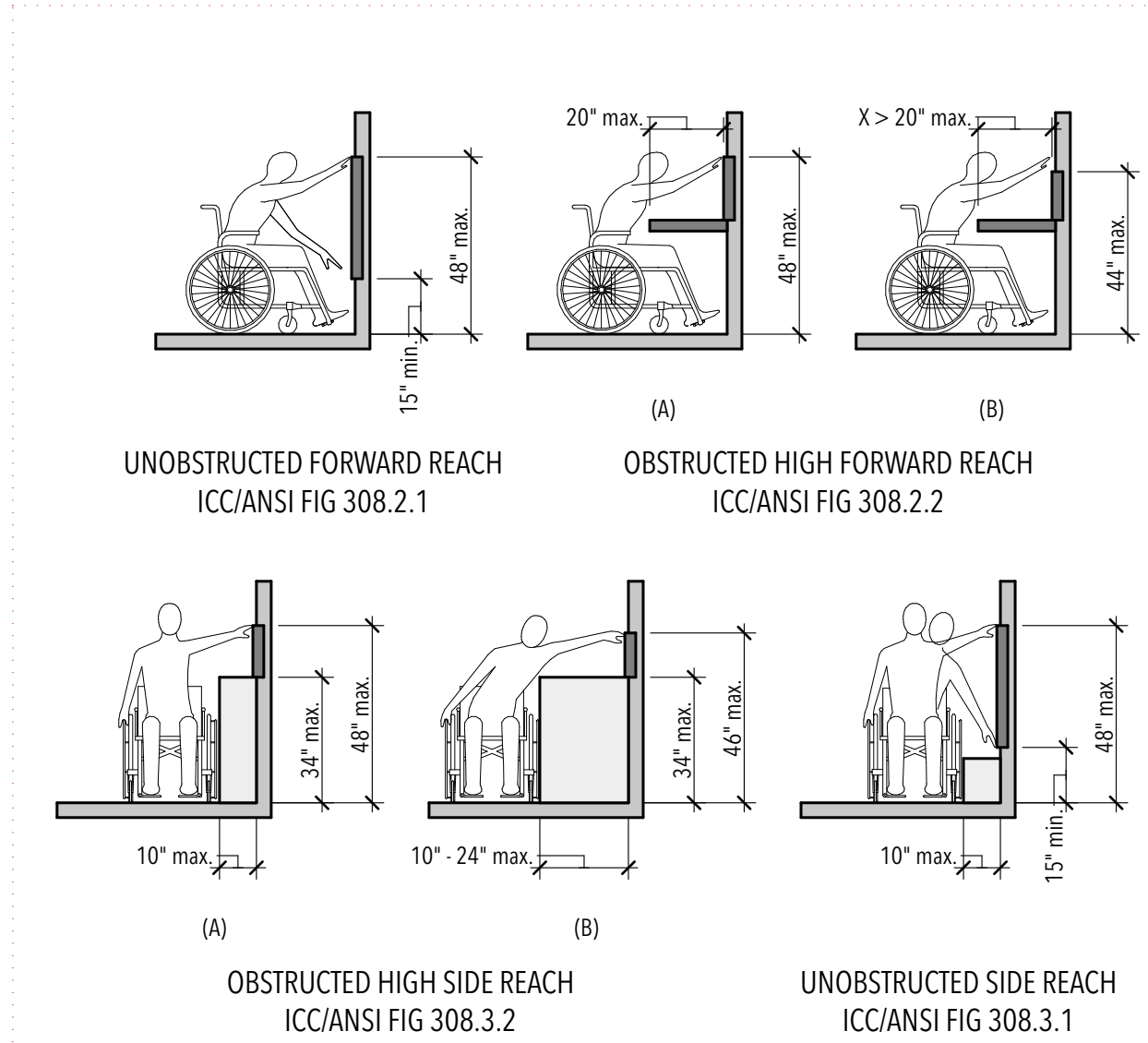
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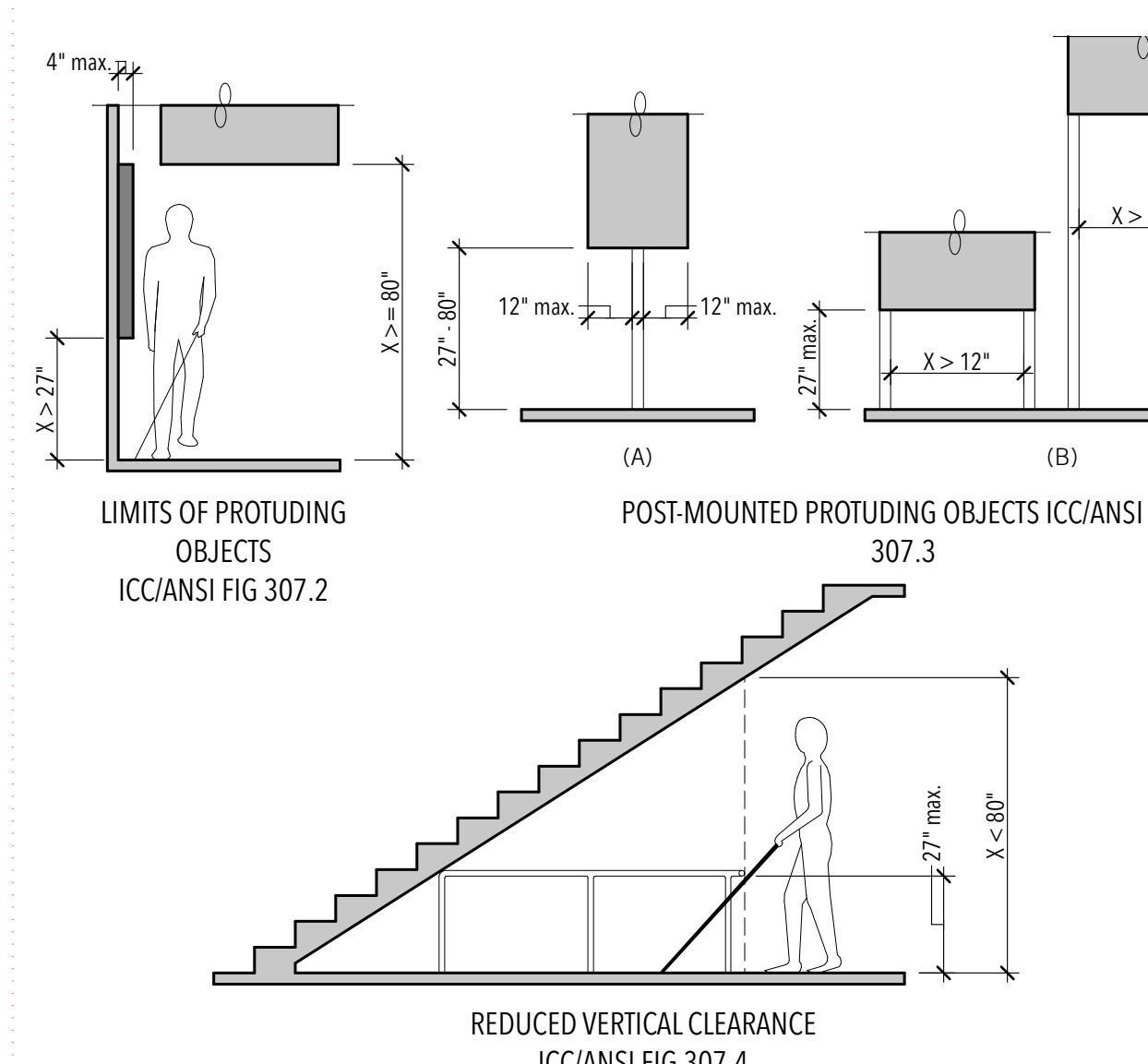
INDEX SHEET

G1.2

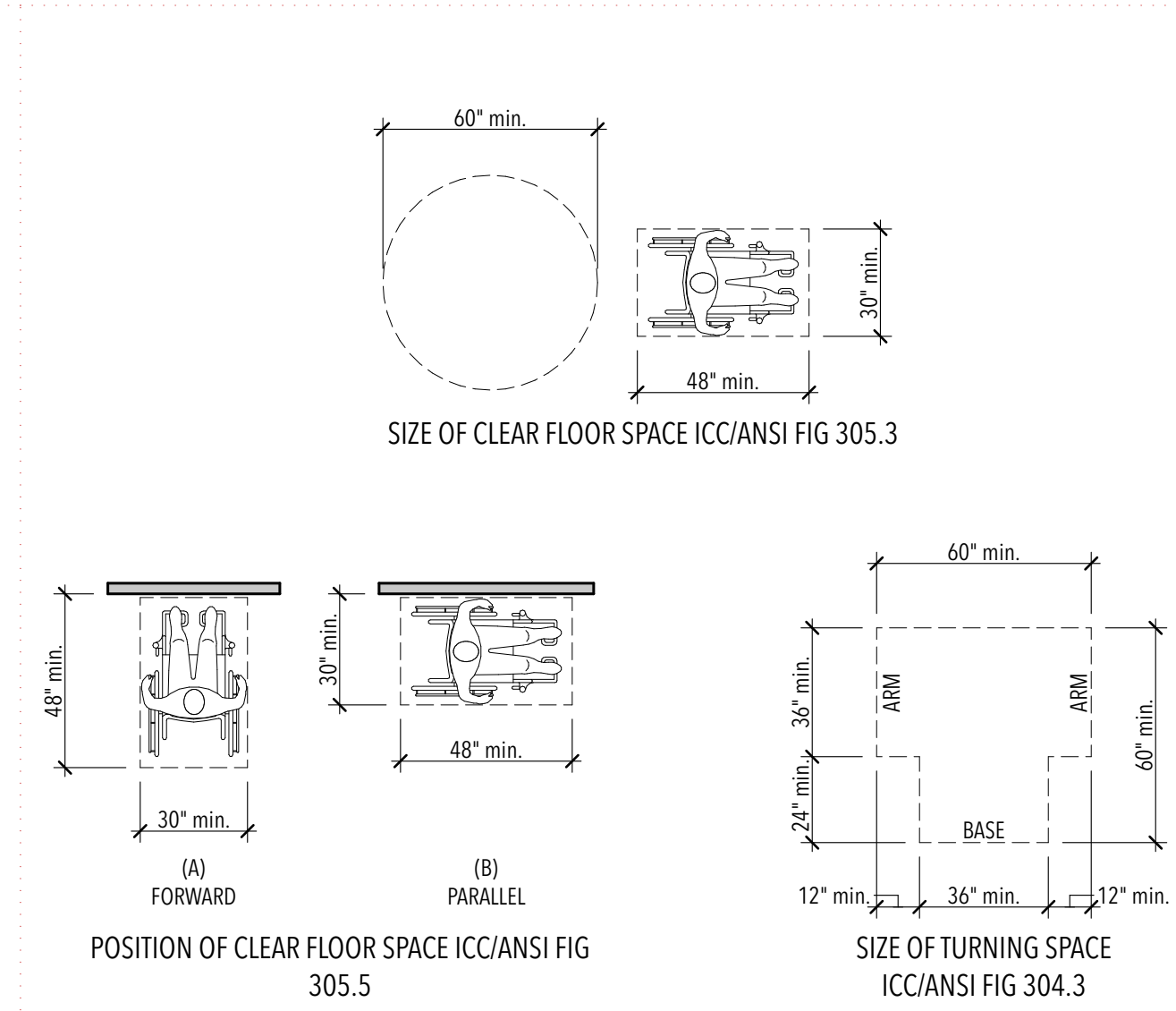




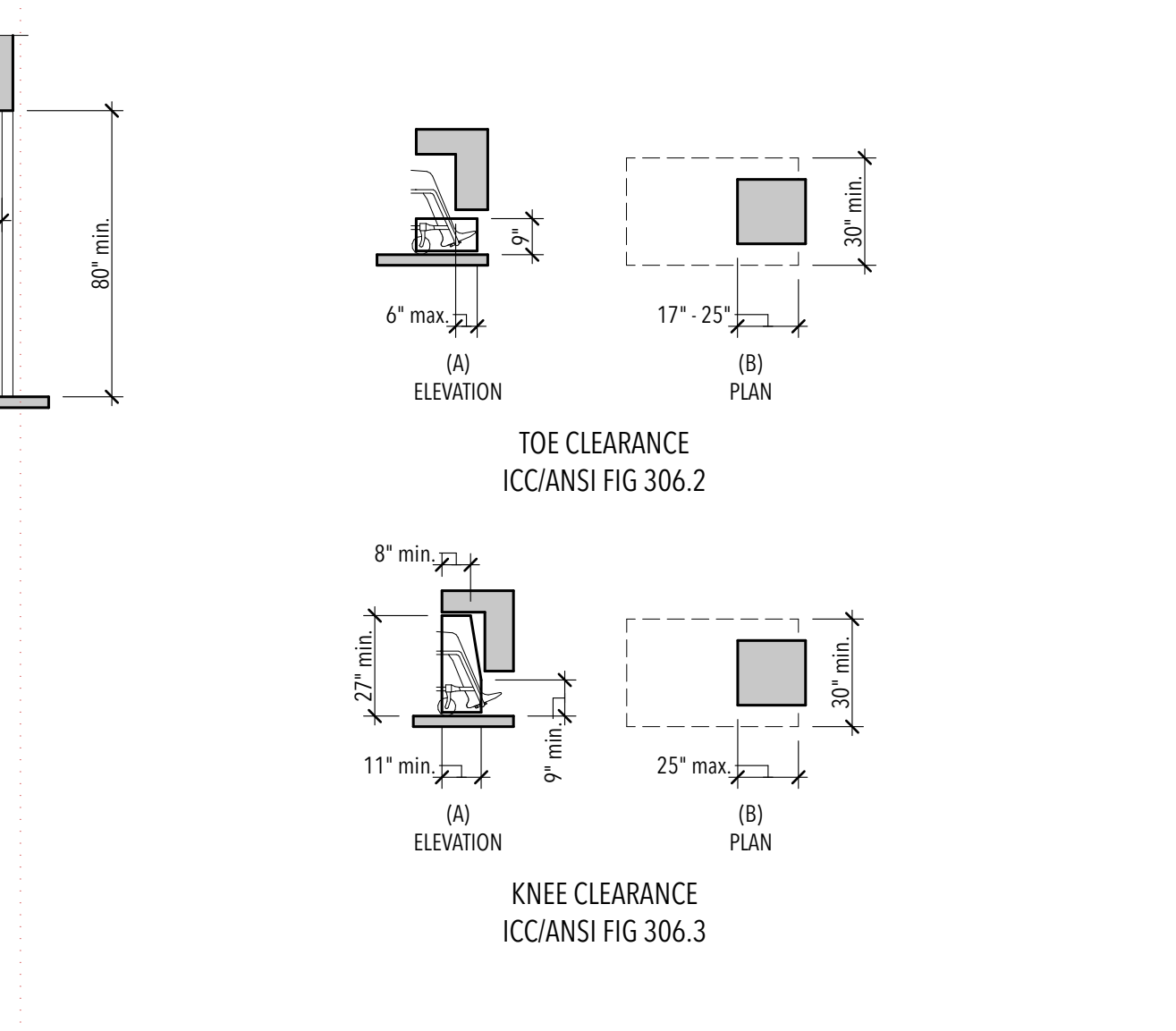
01 **REACH RANGES** 1/4" = 1'-0"



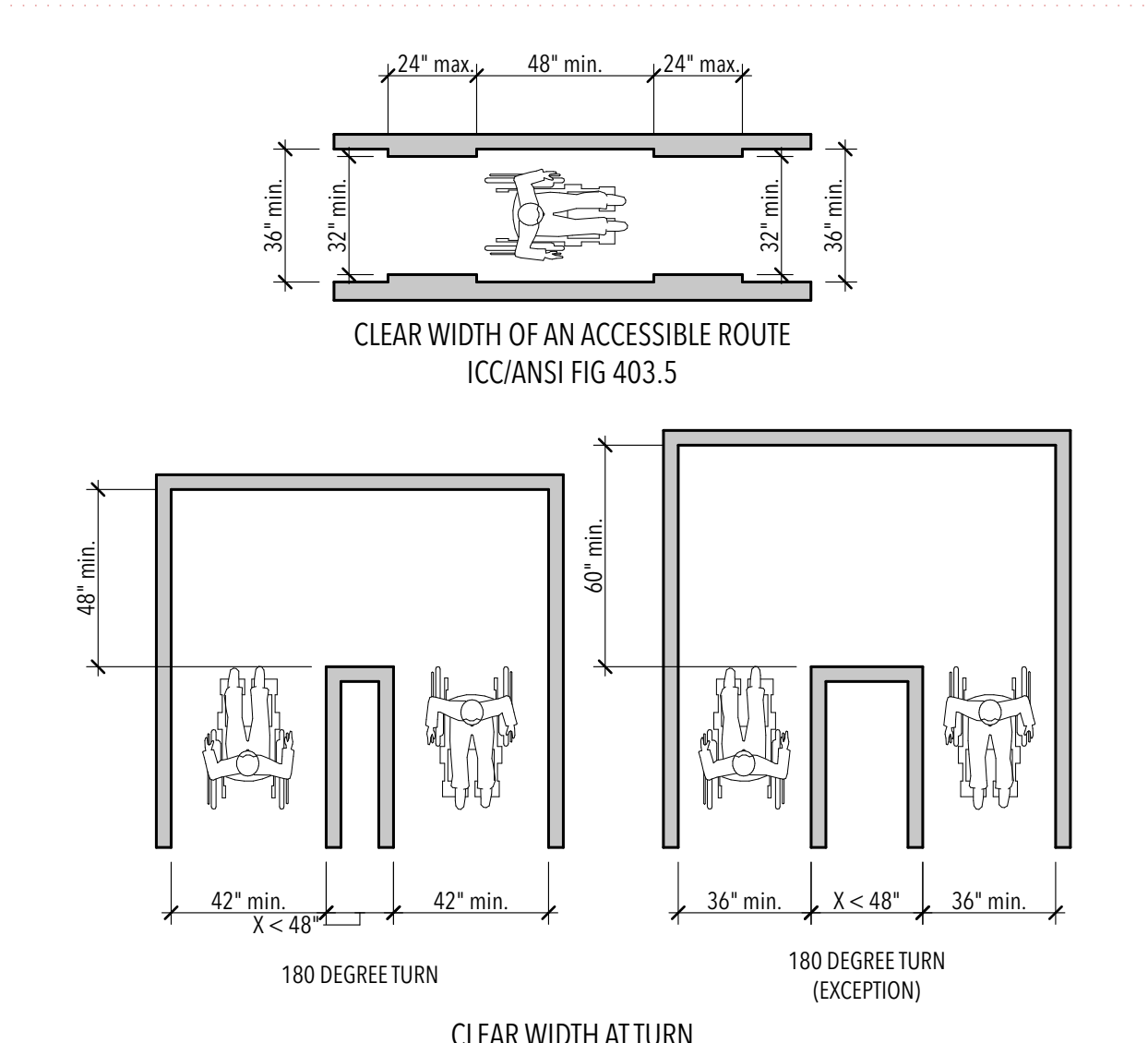
04 **PROTRUDING OBJECTS** 1/4" = 1'-0"



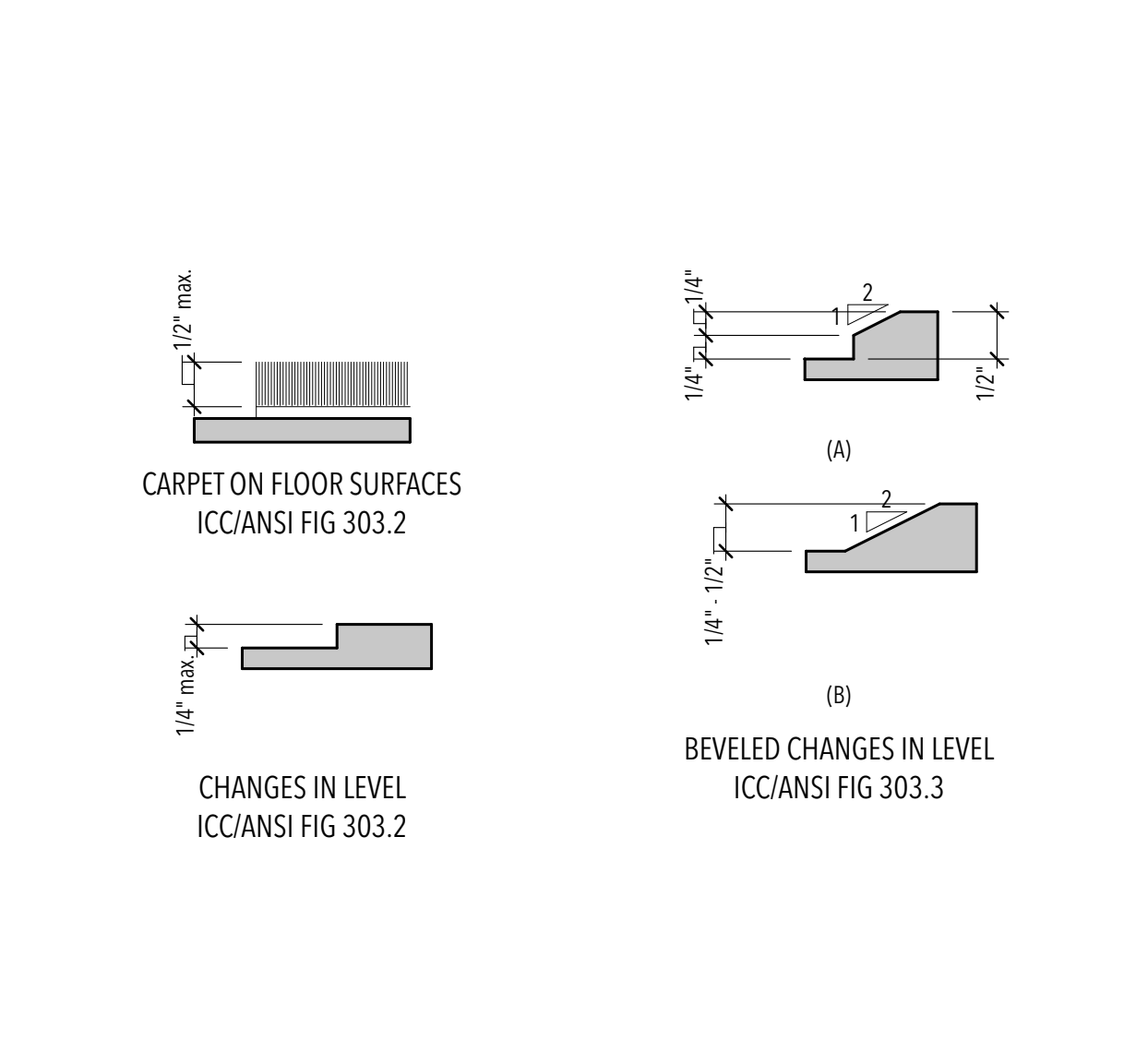
02 **TURNING SPACE AND CLEAR FLOOR SPACE** 1/4" = 1'-0"



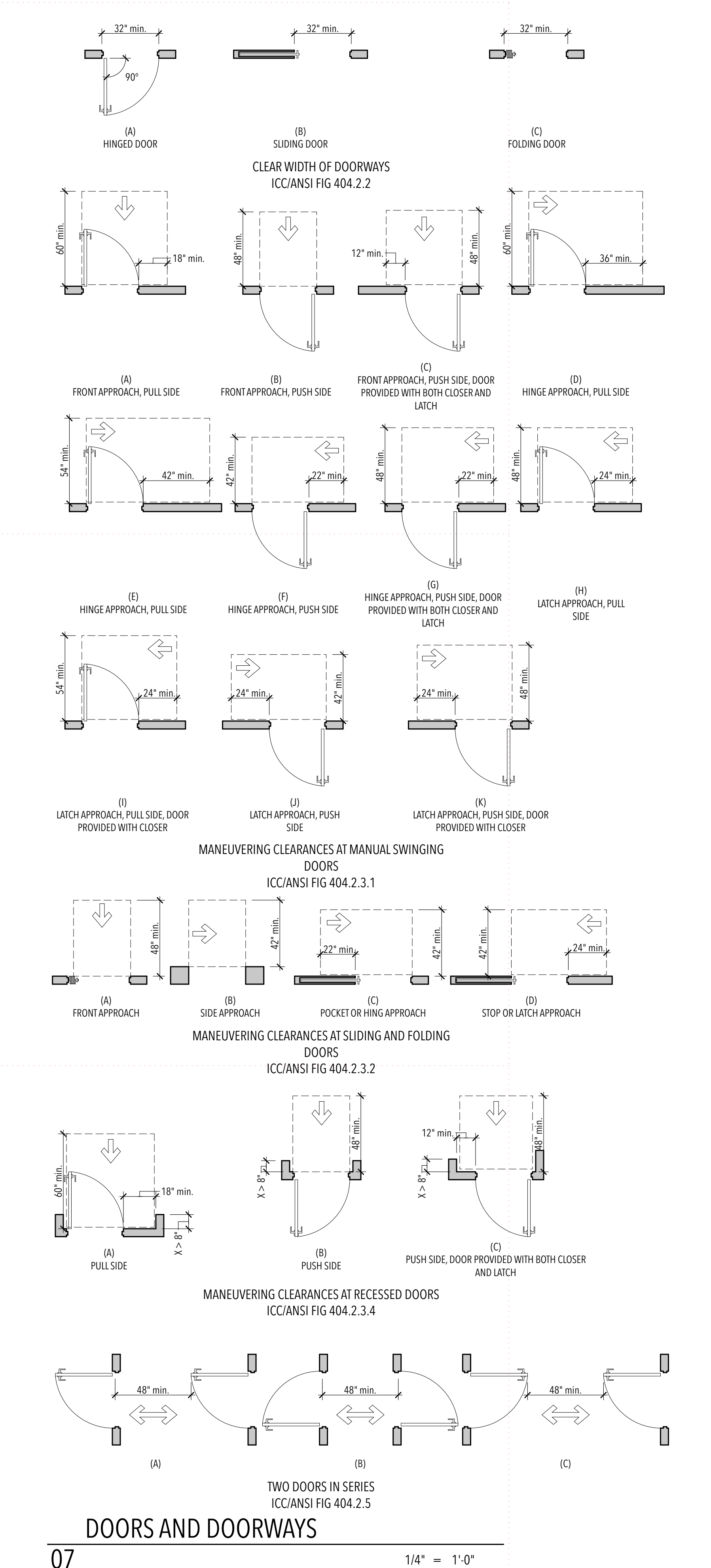
05 **KNEE AND TOE CLEARANCE** 1/4" = 1'-0"



03 **CLEAR WIDTH OF ACCESSIBLE ROUTE** 1/4" = 1'-0"



06 **GROUND AND FLOOR** 1/4" = 1'-0"



07 **DOORS AND DOORWAYS** 1/4" = 1'-0"

CODE ANALYSIS:

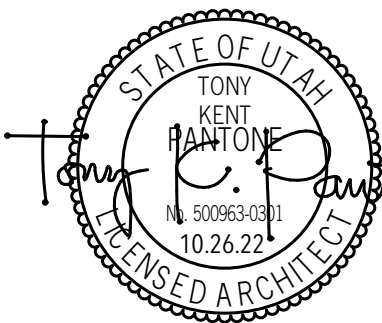
AREATABULATIONS			
Existing 1st Level Building Area	:	4,044 s.f.	
Existing Basement Level Building Area	:	4,144 s.f.	
Total Building Area	:	8,188 s.f.	
CIVIL RIGHTS			
American Disability Act (ADA)	:	2010	
Standard for Accessible Design	:		
APPLICABLE CODES			
International Building Code (IBC)	:	2018	
International Mechanical Code (IMC)	:	2018	
International Plumbing Code (IPC)	:	2018	
International Energy Conservation Code (IECC)	:	2018	
National Electric Code (NEC)	:	2019	
USE AND OCCUPANCY CLASSIFICATION (Chapter 3):			
Occupancy Classification (302)	:	B (Business)	
Occupancy Separations (508.4)	:	N/A	
GENERAL BUILDING HEIGHTS AND AREAS (Chapter 5)			
Allowable Building Height (504.3)	:	55 ft.	
Actual Building Height	:	19 ft.	
Allowable Number of Stories above Grade Plane (504.4)	:	3	
Actual Number of Stories above Grade Plane	:	1	
TYPES OF CONSTRUCTION (Chapter 6):			
Type of Construction (601)	:	IIIB	
Automatic Sprinkler System	:	No (Existing)	
FIRE-RESISTIVE REQUIREMENTS (Hours):			
		TYPE IIIB (601)	
Primary Structural Frame	:	0	
Bearing Walls - Exterior	:	2	
Bearing Walls - Interior	:	0	
Nonbearing Walls and Partitions - Exterior	:	0	
Nonbearing Walls and Partitions - Interior	:	0	
Floor Construction and Associated Secondary Members	:	0	
Roof Construction and Associated Secondary Members	:	0	
FIRE DOOR ASSEMBLIES (Section 716.5):			
1-hour Partition Fire Rating	:	3/4-hour fire assembly rating	
1/2-hour Partition Fire Rating	:	1/3-hour fire assembly rating	
FIRE AND SMOKE PROTECTION FEATURES:			
Shaft Enclosures: Shaft enclosures shall have a fire-resistive rating of not less than 1 hour when connecting less than 4 stories (Sec. 713.4)			
MEANS OF EGRESS:			
Exit Access Travel Distance:			
B (Business)	:	200 l.f. without sprinkler system (Table 1017.2)	
Maximum Common Path of Egress Travel Distance:			
B (Business)	:	100 l.f. without sprinkler system (Table 1006.3.2)	
BUILDING			
Allowable Area Factor (506.2)	:	19,000 s.f. / Story (At)	
Allowable Area Factor for Non-Sprinkled Building	:	19,000 s.f. (NS)	
Building Perimeter	:	274 l.f. (P)	
Building Perimeter with >= 30 ft. clear	:	274 l.f. (F)	
Width of Public Way	:	30 ft. Average (W=30)	
Frontage Increase (506.3)			
	:	If=(F/P-0.25)W/30	
	:	If=(274/(274-0.25)30)/30	
	:	If= .75	
Allowable Area (Single-Occupancy, Multi-story Buildings) (506.2.3)			
Maximum Allowable Area	:	Aa=[At+(NS x If)] x Sa	
	:	Aa=[19,000+(19,000 x .75)] x 2	
	:	Aa=66,500	
OCCUPANT LOAD (1004):			
FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	ACTUAL AREA	OCCUPANT LOAD
Business	150 gross	4,044 s.f.	29
Storage	300 gross	4,144 s.f.	13
Total Occupant Load			42

LIFE SAFETY SYMBOL LEGEND:

DF	:	Drinking fountain
FE	:	Fire extinguisher - max. travel distance to reach a fire extinguisher from any point in the building shall not exceed 75 feet. Coordinate final location with Fire Marshall.
FDC	:	Fire department connection
000 →	:	Number of occupants through door opening
DOOR 200 OCC 0.15 CF 30.0" R 68.0" P	←	Max. occupant load thru exit
DOOR 200 OCC 0.15 CF 30.0" R 68.0" P	←	Min. required exit width Exit width provided; doors measured between doors measured between door face and stop.
OFFICE 000 S.F. 120 6	←	Area of room S.F. per occupant per IBC 1004.5 # of occupants in room
- - - - -	:	Exit access travel path
- - - - -	:	Common path egress

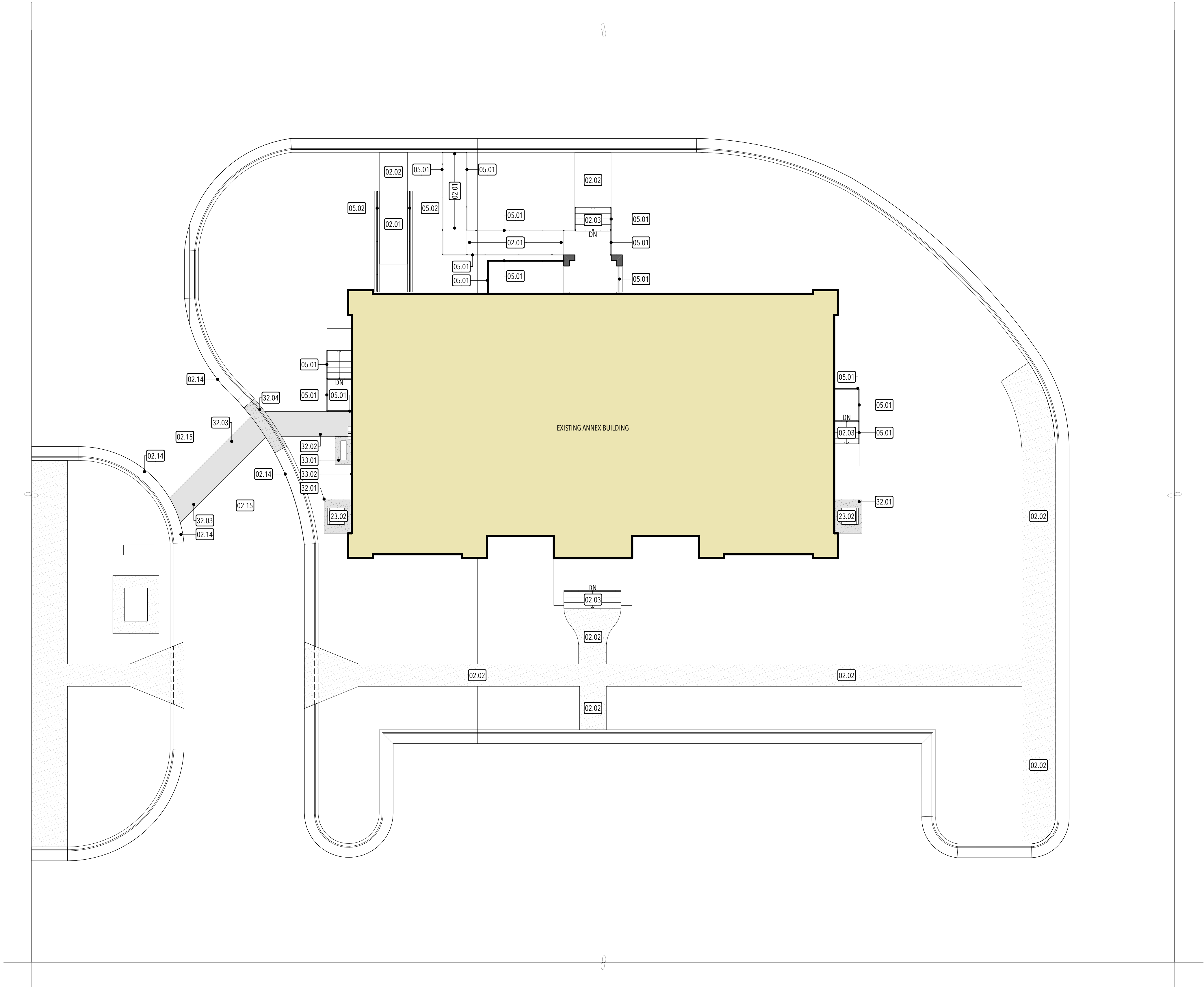
PLUMBING FIXTURE CALCULATIONS:							
USE GROUP	DESCRIPTION	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	OTHER
B	Business	1/25	1/25	1/40	1/40	1/100	1 service sink
42 occupant load							
50:50 ratio		21/25	21/25	21/40	21/40	42/100	1 service sink
21 males : 21 females							
Required fixtures:		.84	.84	.53	.53	.42	1 service sink
Total Fixtures							
Provided:		1.5	1.5	1.5	1.5	1	1 service sink

PERMIT SET  
DATE: 10.26.22  
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SCALE: 1/4" = 1'-0"



1ST LEVEL LIFE SAFETY PLAN





GENERAL SITE PLAN NOTES:

A. Field verify all dimensions, utilities, improvements, etc.  
B. Re: mechanical/plumbing drawings for gas line work.  
C. Contractor shall abide to the Utah Division of Air Quality requirements and call (801) 536.4400 prior to beginning construction on site.  
D. Contractor shall notify Blue Stakes at (800) 662.4111 or <http://www.bluestakes.org> prior to beginning construction on site.

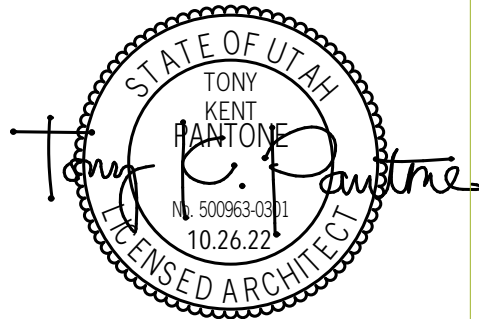
KEYED NOTES:

02.01 Existing concrete ramp  
02.02 Existing concrete walk  
02.03 Existing concrete stair  
02.14 Existing concrete curb and gutter  
02.15 Existing asphalt paving  
05.01 Existing steel pipe railing/guardrail - prepare and paint  
05.02 Remove existing chain link fencing/guardrail system, complete. Install new 42" high vinyl coated chain link guardrail system. Install vertical posts at same location of previous guardrail system and grout in place.  
23.02 Condensing unit on mechanical pad - re: mechanical.  
32.01 Remove existing sod as required and install new 4" concrete mechanical pad over 4" compacted gravel base.  
32.02 Remove existing sod as required and replace with new at location of new utility trench - re: plumbing  
32.03 Saw cut and remove existing asphalt paving as required at location of new utility trench - re: plumbing. Install new 2" asphalt paving over 6" compacted base.  
32.04 Saw cut and remove existing concrete curb and gutter as required at location of new utility trench - re: plumbing. Install new concrete curb and gutter to match existing over compacted base.  
33.01 Gas service location - re: plumbing. Provide 5'x3'x4" thick concrete pad over 4" compacted gravel base. Remove and replace existing sod with new as required for new utility trench.  
33.02 Core drill existing foundation wall as required for gas pipe. Grout opening around pipe solid.

SITE PLAN LEGEND:

	: Area of building construction
	: Landscaping.
	: Existing landscaping to remain - protect from damage.
	: Asphalt paving.
	: Existing asphalt paving to remain - protect from damage.
	: Concrete paving.
	: Existing concrete paving to remain - protect from damage.

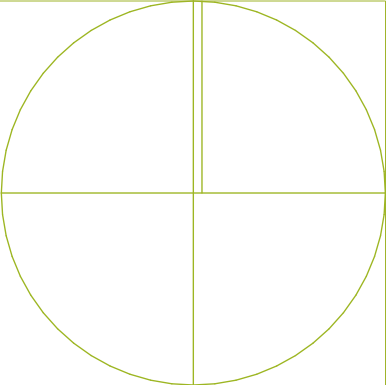
STUDIO 333 ARCHITECTS  
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

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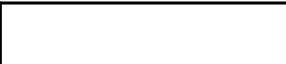
PERMIT SET  
DATE: 10.26.22  
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SCALE: 1" = 10'



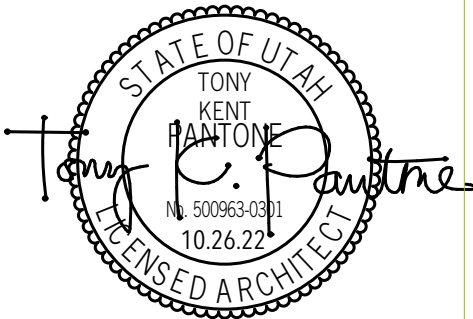


- GENERAL DEMOLITION NOTES:
- A. The Contractor shall field verify all dimensions and existing conditions including existing utilities prior to bidding as the locations shown in the construction documents are approximate. All variances not shown in the construction documents shall be brought to the attention of the Architect prior to bid.
  - B. Prior to beginning demolition work the Contractor shall coordinate with the Owner on items that shall be demolished, remain or be salvaged.
  - C. All bearing walls and columns to remain, unless indicated otherwise. Contractor shall field verify these conditions prior to demolition.
  - D. Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the work within the limitations of governing regulations and as indicated.
  - E. Provide miscellaneous demolition required for new construction, whether specifically defined, or not.
  - F. Protect existing construction indicated to remain during the process of demolition. All existing interior finishes, materials, structure, systems, landscaping, site features, etc. not identified to be demolished that are damaged during construction shall be restored to their original condition or replaced to match at the Contractor's expense.
  - G. Except for items indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain, remove demolished materials from project site and legally recycle or dispose of them in an EPA approved landfill.
  - H. Reference engineering sheets for additional demolition requirements.
  - I. Provide temporary bracing and shoring as required for removal of existing walls.
  - J. Reference demolition reflected ceiling plans for ceiling demolition requirements not shown on this sheet.
  - K. Where a wall is removed, cut back plaster/gypsum board to adjoining wall and ceiling surfaces and patch as required for smooth and even finish.
  - L. All existing finished surfaces damaged due to work under this contract shall be patched & finished to match existing adjacent surfaces.
  - M. All noted materials are new, unless indicated otherwise.
  - N. Contractor shall install flexboard over all floor material to remain to protect surfaces from construction debris and demolition work. 45 mil. minimum thickness. Tape all joints. Clean carpet if necessary at completion of construction.
  - O. Patch and level existing concrete floor slabs as required for new finishes with floor leveling compound as approved by the Architect.
  - P. Owner shall remove all existing wall mounted artwork, display boards, clocks, speakers, etc. from walls prior to construction start.

- KEYED NOTES:
- 02.17 Remove existing foundation vent - re: mechanical
  - 33.02 Core drill existing foundation wall as required for gas pipe. Grout opening around pipe solid.
  - 33.03 Core drill existing foundation wall as required for condensing lines. Grout opening around condensing lines solid.

- DEMOLITION LEGEND:
-  : Building element to be demolished.
  -  : Existing building element to remain (protect from damage).

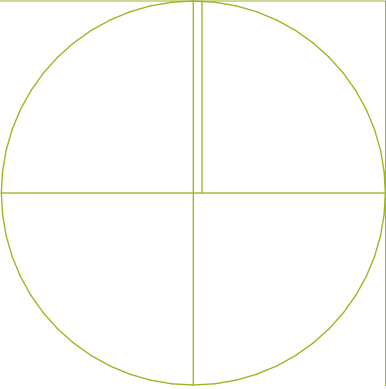
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OCS - ANNEX BUILDING REMODEL  
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BASEMENT LEVEL  
DEMOLITION FLOOR PLAN

D1.1



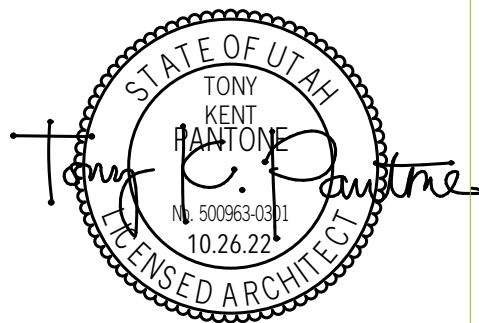
- GENERAL DEMOLITION NOTES:
- A. The Contractor shall field verify all dimensions and existing conditions including existing utilities prior to bidding as the locations shown in the construction documents are approximate. All variances not shown in the construction documents shall be brought to the attention of the Architect prior to bid.
  - B. Prior to beginning demolition work the Contractor shall coordinate with the Owner on items that shall be demolished, remain or be salvaged.
  - C. All bearing walls and columns to remain, unless indicated otherwise. Contractor shall field verify these conditions prior to demolition.
  - D. Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the work within the limitations of governing regulations and as indicated.
  - E. Provide miscellaneous demolition required for new construction, whether specifically defined, or not.
  - F. Protect existing construction indicated to remain during the process of demolition. All existing interior finishes, materials, structure, systems, landscaping, site features, etc. not identified to be demolished that are damaged during construction shall be restored to their original condition or replaced to match at the Contractor's expense.
  - G. Except for items indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain, remove demolished materials from project site and legally recycle or dispose of them in an EPA approved landfill.
  - H. Reference engineering sheets for additional demolition requirements.
  - I. Provide temporary bracing and shoring as required for removal of existing walls.
  - J. Reference demolition reflected ceiling plans for ceiling demolition requirements not shown on this sheet.
  - K. Where a wall is removed, cut back plaster/gypsum board to adjoining wall and ceiling surfaces and patch as required for smooth and even finish.
  - L. All existing finished surfaces damaged due to work under this contract shall be patched & finished to match existing adjacent surfaces.
  - M. All noted materials are new, unless indicated otherwise.
  - N. Contractor shall install flexboard over all floor material to remain to protect surfaces from construction debris and demolition work. 45 mil. minimum thickness. Tape all joints. Clean carpet if necessary at completion of construction.
  - O. Patch and level existing concrete floor slabs as required for new finishes with floor leveling compound as approved by the Architect.
  - P. Owner shall remove all existing wall mounted artwork, display boards, clocks, speakers, etc. from walls prior to construction start.

- KEYED NOTES:
- 02.04 Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.
  - 02.05 Remove existing plumbing fixture, complete - re: plumbing
  - 02.06 Remove existing steam radiator system, complete, including piping, controls, etc. - re: mechanical/plumbing. Protect existing adjacent plaster wall surfaces to remain from damage.
  - 02.07 Remove existing wood door and door hardware from existing wood door frame. Protect existng wood door frame to remain.
  - 02.09 Remove existing window mounted evaporative cooler system, complete - re: mechanical/plumbing. Protect existing window system to remain.
  - 02.16 Remove existing abandoned steam and condensate piping, complete - re: mechanical/plumbing. Protect existing adjacent plaster wall surfaces to remain from damage.
  - 02.17 Remove existing foundation vent - re: mechanical
  - 02.18 Carefully cut existing wood floor for new register - re: mechanical. Coordinate location of register opening to avoid cutting or damage to existing floor joists.
  - 02.19 Remove existing drinking fountain, complete - re: plumbing
  - 02.20 Remove existing wood door wood door frame. Protect existing adjacent wall surfaces to remain.
  - 02.21 Existing IT/data rack to remain - protect from damage
  - 02.22 Remove existing hollow metal door, hollow metal door frame and sidelites/transoms (where occurs). Protect existing adjacent wall surfaces to remain.
  - 02.23 Remove existing flooring system in this room, complete. Protect existing wall base to remain.
  - 02.24 Carefully remove existing cast window sill. Protect existing wall finishes to remain.
  - 02.25 Carefully remove existing tectum wall panel system, complete, from all walls in this room. Protect existing wall finishes to remain.
  - 02.26 Remove existing tile flooring system in this room, complete, including wall base
  - 02.27 Remove existing obscure glazing from existing window sashes at this window. Protect existing window system to remain.
  - 02.28 Remove existing wall-mounted shelving system, complete. Protect existing adjacent plaster wall surfaces from damage.
  - 02.29 Remove existing wall sconce light fixtures, complete - re: electrical
  - 05.02 Remove existing chain link fencing/guardrail system, complete. Install new 42" high vinyl coated chain link guardrail system. Install vertical posts at same location of previous guardrail system and grout in place.

- DEMOLITION LEGEND:
- : Building element to be demolished.
  - : Existing building element to remain (protect from damage).



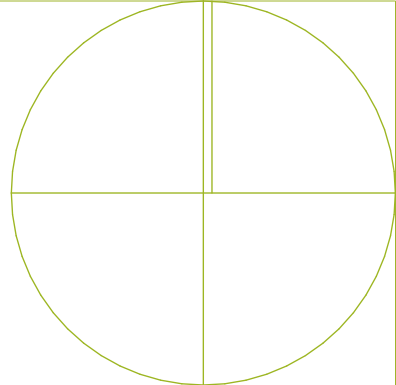
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333 24TH STREET  
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150  
SCALE: 1/4" = 1'-0"



1ST LEVEL DEMOLITION  
FLOOR PLAN

D1.2





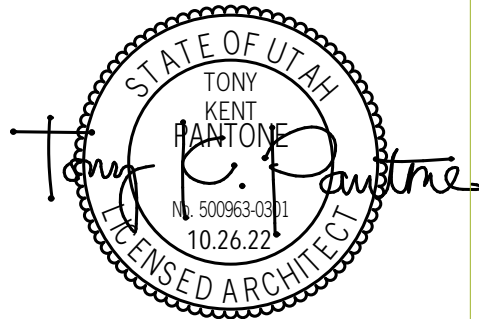
- GENERAL DEMOLITION NOTES:
- A. The Contractor shall field verify all dimensions and existing conditions including existing utilities prior to bidding as the locations shown in the construction documents are approximate. All variances not shown in the construction documents shall be brought to the attention of the Architect prior to bid.
  - B. Prior to beginning demolition work the Contractor shall coordinate with the Owner on items that shall be demolished, remain or be salvaged.
  - C. All bearing walls and columns to remain, unless indicated otherwise. Contractor shall field verify these conditions prior to demolition.
  - D. Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the work within the limitations of governing regulations and as indicated.
  - E. Provide miscellaneous demolition required for new construction, whether specifically defined, or not.
  - F. Protect existing construction indicated to remain during the process of demolition. All existing interior finishes, materials, structure, systems, landscaping, site features, etc. not identified to be demolished that are damaged during construction shall be restored to their original condition or replaced to match at the Contractor's expense.
  - G. Except for items indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain, remove demolished materials from project site and legally recycle or dispose of them in an EPA approved landfill.
  - H. Reference engineering sheets for additional demolition requirements.
  - I. Provide temporary bracing and shoring as required for removal of existing walls.
  - J. Reference demolition reflected ceiling plans for ceiling demolition requirements not shown on this sheet.
  - K. Where a wall is removed, cut back plaster/gypsum board to adjoining wall and ceiling surfaces and patch as required for smooth and even finish.
  - L. All existing finished surfaces damaged due to work under this contract shall be patched & finished to match existing adjacent surfaces.
  - M. All noted materials are new, unless indicated otherwise.
  - N. Contractor shall install flexboard over all floor material to remain to protect surfaces from construction debris and demolition work. 45 mil. minimum thickness. Tape all joints. Clean carpet if necessary at completion of construction.
  - O. Patch and level existing concrete floor slabs as required for new finishes with floor leveling compound as approved by the Architect.
  - P. Owner shall remove all existing wall mounted artwork, display boards, clocks, speakers, etc. from walls prior to construction start.

- KEYED NOTES:
- 02.30 Remove existing light fixture, complete - re: electrical
  - 02.31 Remove existing acoustic ceiling tile system back to existing plaster ceiling system. Remove adhesive and create flush and level surface for new ceiling system.

DEMOLITION REFLECTED CEILING PLAN LEGEND:

	:Existing ceiling system to remain.
	:Existing ceiling system to be removed.

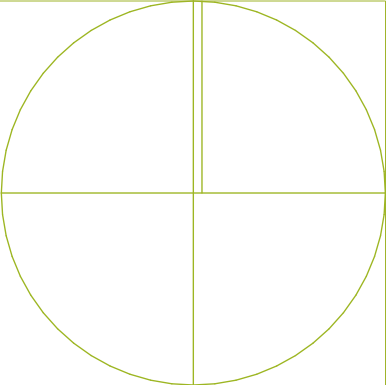
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150  
SCALE: 1/4" = 1'-0"



1ST LEVEL DEMOLITION  
REFLECTED PLAN

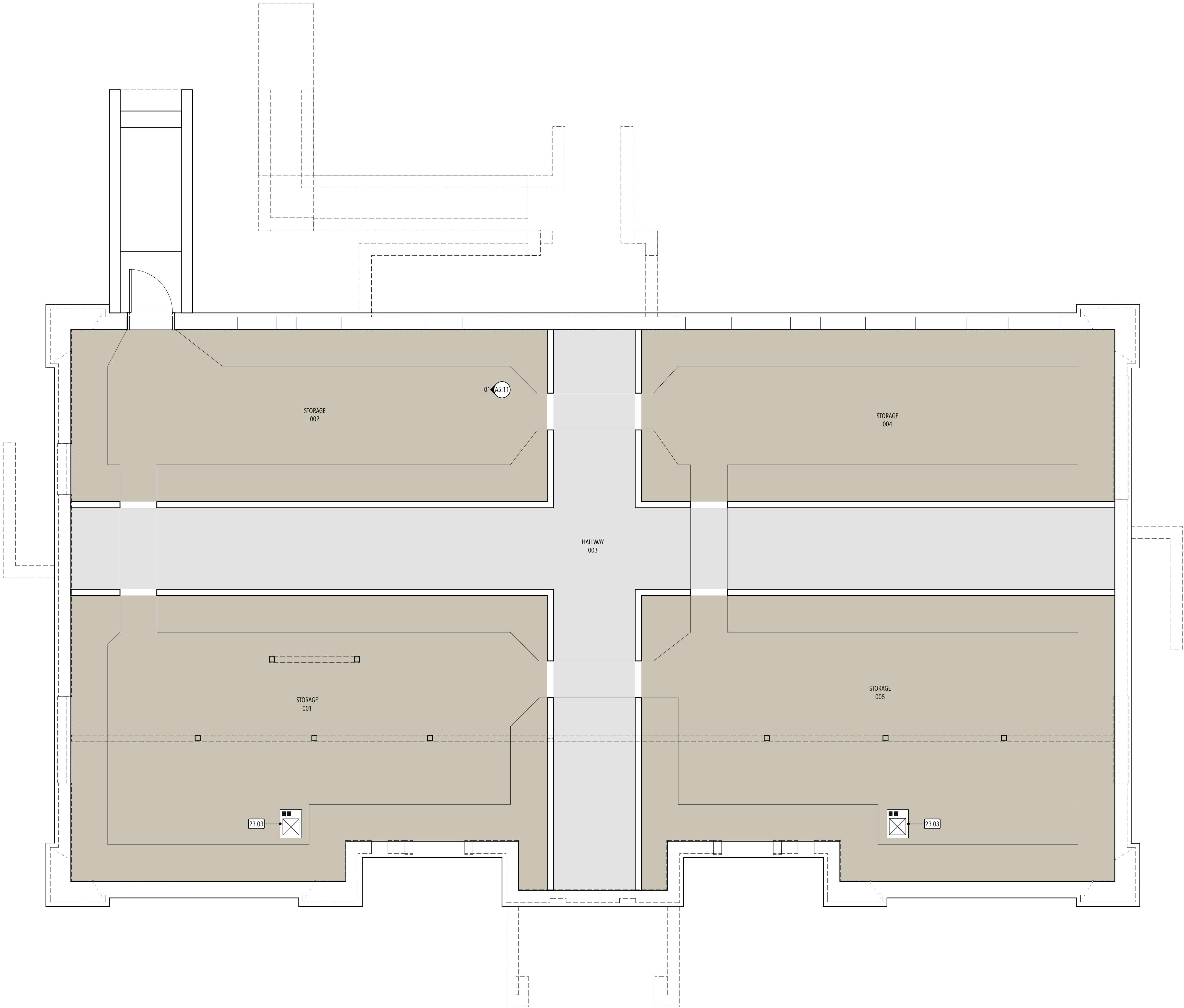


GENERAL PARTITION NOTES:

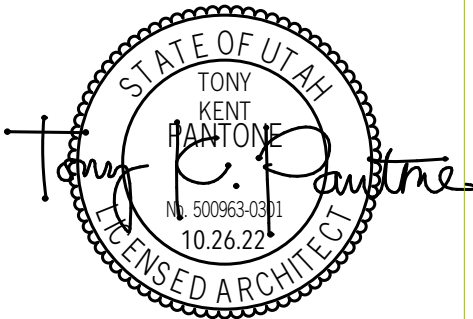
- FRAMED WALL PARTITIONS
- Partition type indications are independent of applied finishes. See the finish sheets and interior elevations for wall finishes including tile coursing and layout and/or the designations on the plans for additional information regarding applied finishes.
  - Where partition type designation on floor plans is interrupted by door opening, glazed partitions, etc., construction above interruption (and where applicable below) is to be the same as that designated for the partition in which the interruption occurred.
  - The minimum requirements for construction of each partition type as expressed by the indicated reference are incorporated by reference and are applicable to the work of this project. However, additional and/or more restrictive requirements may be indicated by the specifications and drawings. Such requirements also apply and shall govern such requirements including but are not limited to:
    - Use 5/8" thick gypsum board throughout, unless noted otherwise.
    - Use 16" o.c. max. stud spacing, unless noted otherwise in these documents. The spacing stated by the referenced approval or test report is the max. spacing if allowed in these documents.
    - Use studs of gauge indicated on the drawings or in the specifications. The gauge stated by the referenced approval or test report is the minimum gauge tested. 20 ga (30 mils) is the minimum allowed in these documents.
  - Use studs of depth indicated by this set of documents. The depth stated by the referenced approval or test report is the minimum depth allowed in these documents. See structural documents for additional information pertaining to the construction of concrete, masonry and stud walls.
  - Provide fire rated construction assemblies where indicated on sheets G2's and floor plan drawings.
  - All dimensions are center of stud or face of concrete, masonry, or rough opening unless noted otherwise. Face of finished wall will be noted as FOW.
  - At all interior walls, the studs, insulation, and gypsum board are to extend to the roof deck above, unless noted otherwise.
  - Wall types not noted are assumed to match adjacent rooms. See sheets for finishes. Notify architect of any discrepancies.
  - All metal stud partitions are considered acoustic partitions and are to receive a type 1 sound attenuation blanket. Thickness shall match stud depth unless noted otherwise.
  - Provide control joints in metal framed walls at approximately 30 feet on center. Locate at corner above doors or inside corner of pilasters or other inconspicuous locations where possible. Consult with architect prior to commencing framing.
  - At wall openings for penetration of pipes, ducts, devices, etc. gypsum board is to be cut to match the shape and dimension of the penetrating object and the gap between the object and the wall is to be sealed with acoustical or fire sealant on all sides with a ¼" joint at all sides maximum. The opening for ducts or large penetrations shall be framed with a header. Add an angled corner brace if the gap exceeds 3" from framing to the opening.
  - Contractor to provide blocking/backing for all wall mounted equipment. See floor plans and interior elevations for cabinets, grab bars, etc. Install blocking as detailed or as required to mount such devices. All wood blocking is to be fire retardant treated. Install as per details.
  - Where there is limited water exposure: install one layer of 5/8" type X water resistant gypsum board per ASTM C1396 (where gypsum board occurs) of basic partition at the following locations:
    - Within 2 feet horizontally and 4 feet vertically of janitors sinks.
    - At other locations, i.e. toilet rooms and kitchens, and as indicated on the architectural finish plans and elevations.
  - Install one layer of 5/8" glass mat tile backer board in lieu of gypsum board (where gypsum board occurs) of basic partition where there is no fire rating and over gypsum board face layer at fire rated partitions at the following locations:
    - At wet locations such as shower stalls and tub surrounds to a height of not less than 72" above the drain inlet.
    - Where ceramic tile finishes are indicated per the finish plans and/or interior elevations.
    - At other locations as indicated by the architectural finish plans and elevations.
  - Provide fireblocking in concealed spaces of stud walls and partitions as follows: 1) vertically at the ceiling and floor levels and 2) horizontally at intervals not exceeding 10 feet.

KEYED NOTES:

- 23.03 Furnace and cooling coil installed on plenum - re: mechanical.



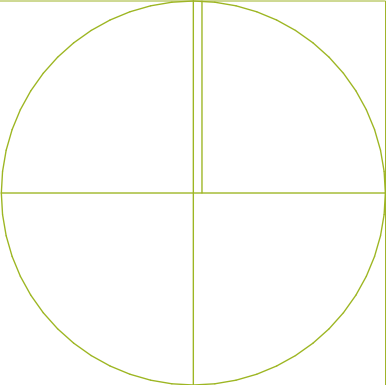
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150  
SCALE: 1/4" = 1'-0"



BASEMENT LEVEL  
ANNOTATED PLAN

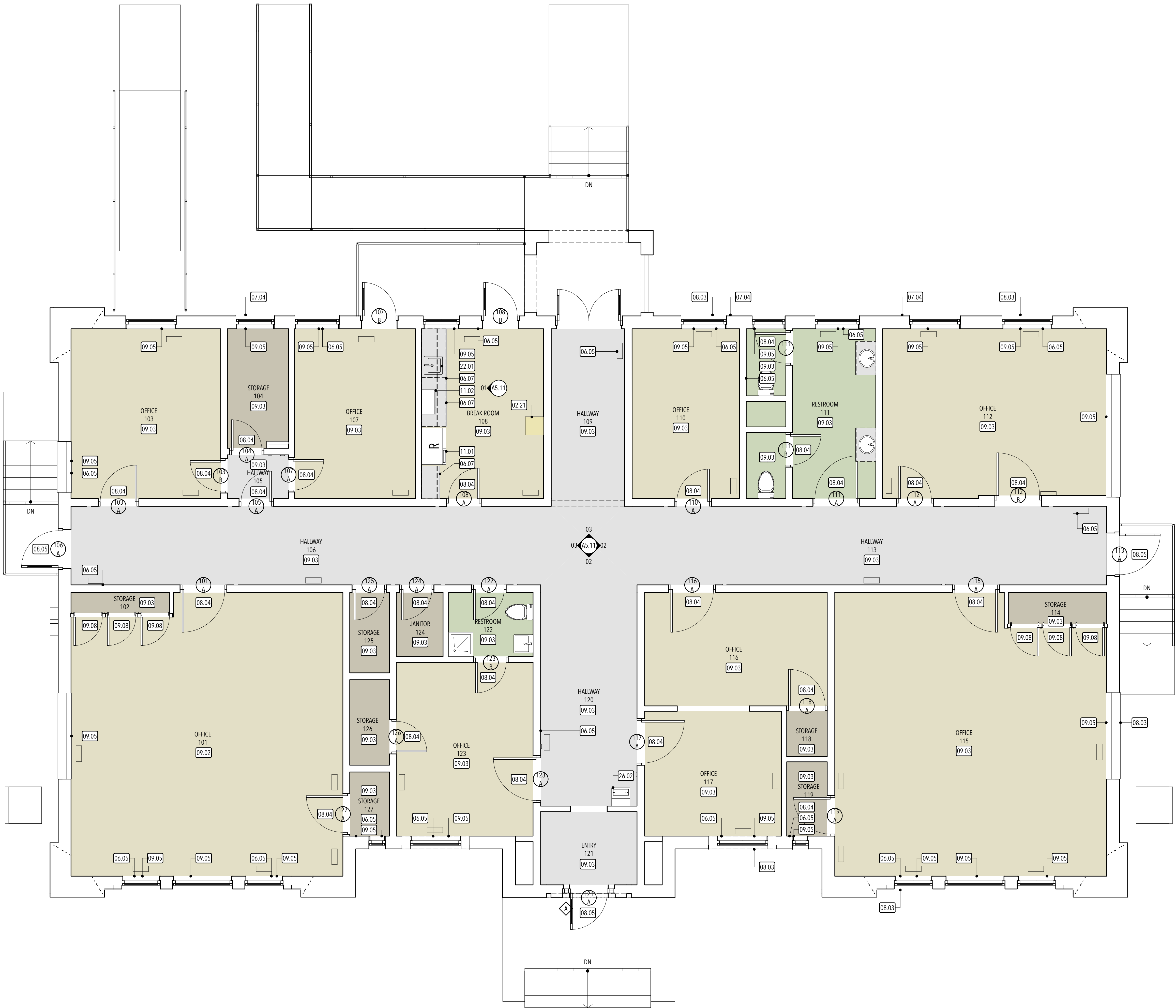


GENERAL PARTITION NOTES:

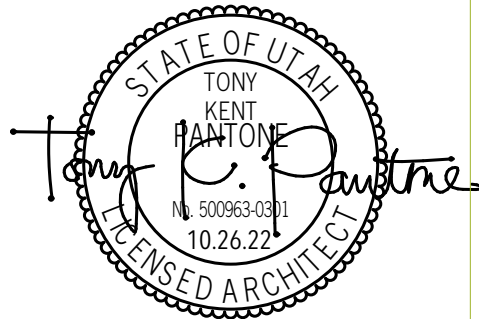
- FRAMED WALL PARTITIONS
- Partition type indications are independent of applied finishes. See the finish sheets and interior elevations for wall finishes including tile coursing and layout and/or the designations on the plans for additional information regarding applied finishes.
  - Where partition type designation on floor plans is interrupted by door opening, glazed partitions, etc., construction above interruption (and where applicable below) is to be the same as that designated for the partition in which the interruption occurred.
  - The minimum requirements for construction of each partition type as expressed by the indicated reference are incorporated by reference and are applicable to the work of this project. However, additional and/or more restrictive requirements may be indicated by the specifications and drawings. Such requirements also apply and shall govern such requirements including but are not limited to:
    - Use 5/8" thick gypsum board throughout, unless noted otherwise.
    - Use 16" o.c. max. stud spacing, unless noted otherwise in these documents. The spacing stated by the referenced approval or test report is the max. spacing if allowed in these documents.
    - Use studs of gauge indicated on the drawings or in the specifications. The gauge stated by the referenced approval or test report is the minimum gauge tested. 20 ga (30 mils) is the minimum allowed in these documents.
  - Use studs of depth indicated by this set of documents. The depth stated by the referenced approval or test report is the minimum depth allowed in these documents. See structural documents for additional information pertaining to the construction of concrete, masonry and stud walls.
  - Provide fire rated construction assemblies where indicated on sheets G2's and floor plan drawings.
  - All dimensions are center of stud or face of concrete, masonry, or rough opening unless noted otherwise. Face of finished wall will be noted as FOW.
  - At all interior walls, the studs, insulation, and gypsum board are to extend to the roof deck above, unless noted otherwise. Wall types not noted are assumed to match adjacent rooms. See sheets for finishes. Notify architect of any discrepancies.
  - All metal stud partitions are considered acoustic partitions and are to receive a type 1 sound attenuation blanket. Thickness shall match stud depth unless noted otherwise.
  - Provide control joints in metal framed walls at approximately 30 feet on center. Locate at corner above doors or inside corner of pilasters or other inconspicuous locations where possible. Consult with architect prior to commencing framing.
  - At wall openings for penetration of pipes, ducts, devices, etc. gypsum board is to be cut to match the shape and dimension of the penetrating object and the gap between the object and the wall is to be sealed with acoustical or fire sealant on all sides with a 1/4" joint at all sides maximum. The opening for ducts or large penetrations shall be framed with a header. Add an angled corner brace if the gap exceeds 3" from framing to the opening.
  - Contractor to provide blocking/backing for all wall mounted equipment. See floor plans and interior elevations for cabinets, grab bars, etc. Install blocking as detailed or as required to mount such devices. All wood blocking is to be fire retardant treated. Install as per details.
  - Where there is limited water exposure: install one layer of 5/8" type X water resistant gypsum board per ASTM C1396 (where gypsum board occurs) of basic partition at the following locations:
    - Within 2 feet horizontally and 4 feet vertically of janitor sinks.
    - At other locations, i.e. toilet rooms and kitchens, and as indicated on the architectural finish plans and elevations.
  - Install one layer of 5/8" glass mat tile backer board in lieu of gypsum board (where gypsum board occurs) of basic partition where there is no fire rating and over gypsum board face layer at fire rated partitions at the following locations:
    - At wet locations such as shower stalls and tub surrounds to a height of not less than 72" above the drain inlet.
    - Where ceramic tile finishes are indicated per the finish plans and/or interior elevations.
    - At other locations as indicated by the architectural finish plans and elevations.
  - Provide fireblocking in concealed spaces of stud walls and partitions as follows: 1) vertically at the ceiling and floor levels and 2) horizontally at intervals not exceeding 10 feet.

KEYED NOTES:

- 02.21 Existing IT/data rack to remain - protect from damage  
06.05 Patch, repair and fill existing wood sheathing as required at location of removed steam radiator system  
06.07 Millwork - re: millwork drawings  
07.04 Infill existing foundation wall vent opening with 2" polyisocyanurate insulation board. Cap opening with galvanized sheet metal cap and seal airtight - paint sheet metal to match existing brick veneer - re: mechanical.  
08.03 Install existing glass pane (Furnished by Owner) in existing window sash at location of removed window mounted evaporative cooler system. Install new glazing stops and gaskets.  
08.04 Install new wood stile and rail door leaf in existing wood door frame. Coordinate hinge locations and new door hardware with existing frame. Paint door leaf, door frame and transom panel.  
08.05 Aluminum storefront entrance door system in existing masonry opening - re: door schedule and details  
09.02 Skim coat all existing plaster wall surfaces in this room to provide smooth uniform wall surface - paint.  
09.03 Patch and repair all existing wall surfaces in this room as required. Patch and repair all wall surfaces at locations of architectural, mechanical, plumbing and electrical demolition work as required - re: engineering sheets for mechanical and electrical demolition requirements. Paint as per finish schedule.  
09.05 Install new solid surface window sill @ existing window. Patch and repair existing plaster sill and jambs as required. Re: detail 06/A9.21.  
09.08 Prepare and paint existing wood storage closet system, including walls, doors, shelving, etc.  
11.01 Refrigerator (N.I.C.)  
11.02 Microwave (N.I.C.)  
22.01 Sink and faucet - re: plumbing  
26.02 Electric water cooler - re: electrical and plumbing



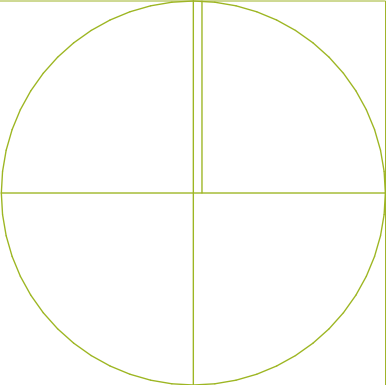
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

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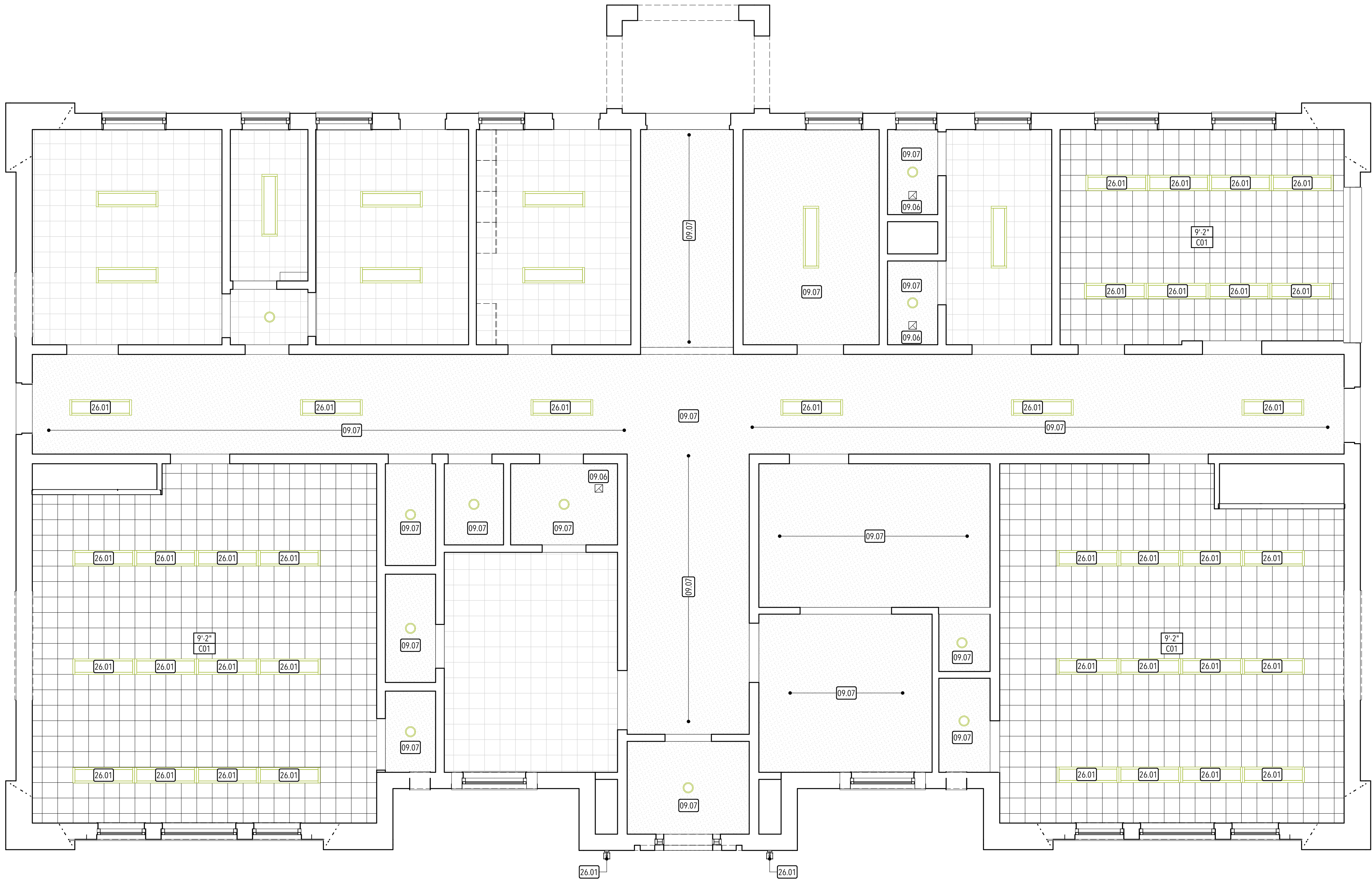
PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150  
SCALE: 1/4" = 1'-0"



1ST LEVEL ANNOTATED  
PLAN

A1.2





- GENERAL CEILING NOTES:
- A. Dimensions are to center line of light fixture, device, or grille u.n.o.
  - B. The Contractor shall be responsible to coordinate all mechanical, electrical and plumbing systems to be installed above the finish ceiling, to accommodate fixture and device locations as indicated. Verify any discrepancies with the architect prior to fabrication and installation.
  - C. Coordinate the location of all mechanical access panels with Architect. Access panels shall be located such that they are not visible to public view.
  - D. Refer to the Finish Schedule on sheet A1.31 for finish specifications.
  - E. Refer to architectural drawings for locations of mechanical grilles, and to mechanical drawings for quantities and types.
  - F. Refer to architectural drawings for locations of light fixtures and to electrical drawings for quantities and types.
  - G. All ceiling heights indicated are the elevation of the bottom of the ceiling from the top of the concrete floor slab.
  - H. All type "C02" ceilings in restrooms, janitor rooms, locker rooms, showers, & wet areas shall be epoxy paint.
  - I. Add unfaced sound batt insulation above all restroom ceilings.
  - J. Acoustical ceilings tiles are to be configured such that no less than one-half a border tile exists adjacent to any wall, unless noted otherwise.

- KEYED NOTES:
- 09.06 New ceiling mounted exhaust fan in existing plaster/gypsum board ceiling - re: mechanical. Patch and repair existing plaster/gypsum board ceiling at location of demolished exhaust fan as required - paint. Patch and repair existing single-ply roof system as required at location of new mechanical penthouse on roof.
  - 09.07 Patch and repair existing plaster ceiling as required - paint as per finish schedule.
  - 26.01 Light fixture - re: electrical.

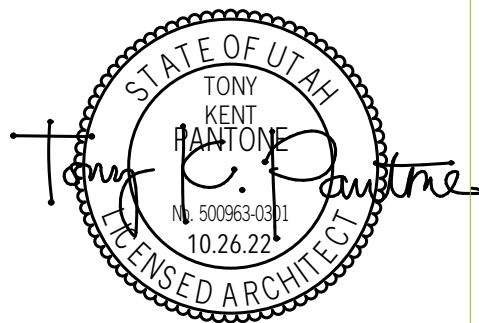
CEILING PLAN LEGEND:

ELECTRICAL	
	: 2' x 4' light fixture
	: 2' x 2' light fixture
	: 1' x 4' light fixture
	: Pendant light fixture
	: Recessed can light fixture
MECHANICAL	
	: Supply grille
	: Return grille
	: Exit sign
	: Smoke detector
	: Fire sprinkler
	: WiFi Extender
	: Ceiling fan

CEILING TYPE LEGEND:

	C01 : 1' x 1' acoustical ceiling tile over existing plaster ceiling system. Patch and repair existing plaster ceiling as required.
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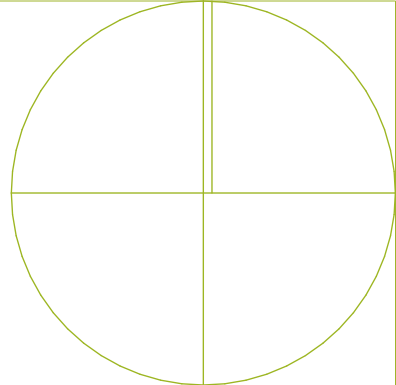
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

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PERMIT SET  
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1ST LEVEL REFLECTED  
CEILING PLAN

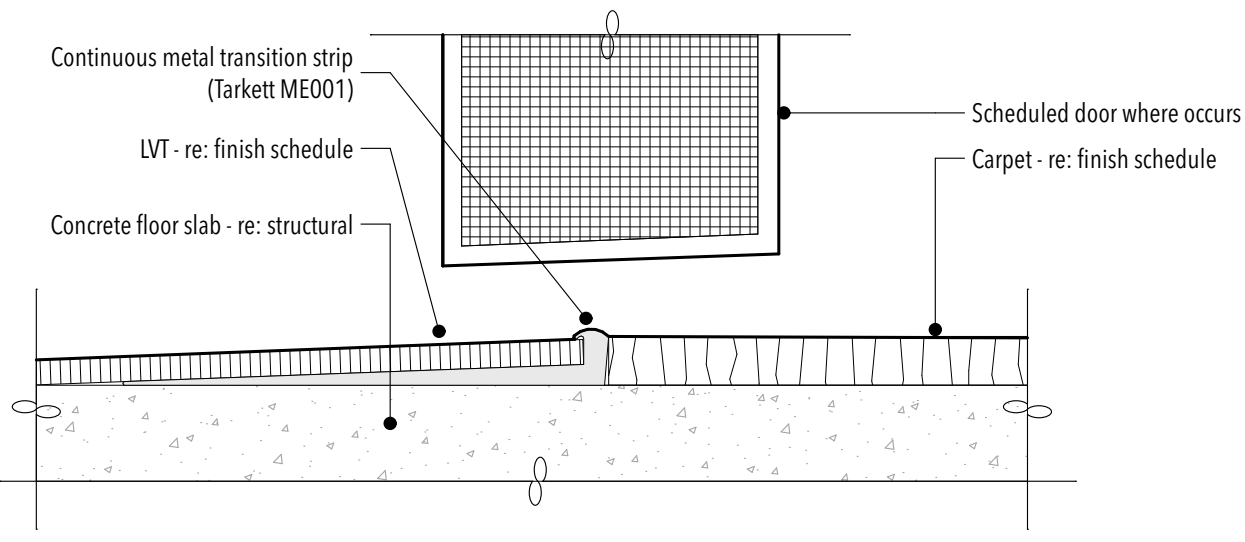
A1.11



FINISH SCHEDULE															
ROOM #	LEVEL	ROOM NAME	FLOOR	BASE				WALL				CEILING	HEIGHT	SPECIALTIES	REMARKS
				N	E	S	W	N	E	S	W				
101	1ST LEVEL F.F.	OFFICE	F01	B01	B01	B01	B01	W01	W01	W01	W01	C01	9'-1 3/4"	S02; S03	
102	1ST LEVEL F.F.	STORAGE	F01	B01	B01	B01	B01	W01	W01	W01	W01	-	9'-1 3/4"	-	
103	1ST LEVEL F.F.	OFFICE	F03	B01	B01	B01	B01	W01	W01	W01	W01	-	9'-2"	S02; S03	
104	1ST LEVEL F.F.	STORAGE	F05	B01	B01	B01	B01	W01	W01	W01	W01	-	8'-11 3/4"	S02; S03	
105	1ST LEVEL F.F.	HALLWAY	F05	B01	B01	B01	B01	W01	W01	W01	W01	-	9'-1 3/4"	S02	
106	1ST LEVEL F.F.	HALLWAY	F02; F04	B01	-	B01	B01	W01	-	W01	W01	C02	9'-1 3/4"	S02	
107	1ST LEVEL F.F.	OFFICE	F03	B01	B01	B01	B01	W01	W01	W01	W01	-	9'-4 1/2"	S02; S03	
108	1ST LEVEL F.F.	BREAK ROOM	F05	B01	B01	B01	B01	W01	W01	W01	W01	-	9'-3 1/4"	S01; S02; S03	
109	1ST LEVEL F.F.	HALLWAY	F02; F04	B01	B01	-	B01	W01	W01	-	W01	C02	9'-1 3/4"	-	
110	1ST LEVEL F.F.	OFFICE	F03	B01	B01	B01	B01	W01	W01	W01	W01	C02	9'-11"	S02; S03	
111	1ST LEVEL F.F.	RESTROOM	-	B01	B01	B01	B01	W02	W02	W02	W02	C02	9'-1"	S02; S03	
112	1ST LEVEL F.F.	OFFICE	F03	B01	B01	B01	B01	W01	W01	W01	W01	C01	10'-10"	S02; S03	
113	1ST LEVEL F.F.	HALLWAY	F02; F04	B01	B01	B01	B01	W01	W01	W01	W01	C02	9'-1 3/4"	S02	
114	1ST LEVEL F.F.	STORAGE	F01	-	-	-	-	-	-	-	-	-	9'-2"	-	
115	1ST LEVEL F.F.	OFFICE	F01	-	-	-	-	-	-	-	-	C01	9'-2"	S02; S03	
116	1ST LEVEL F.F.	OFFICE	F01	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11 1/2"	S02	
117	1ST LEVEL F.F.	OFFICE	F01	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11 1/2"	S02; S03	
118	1ST LEVEL F.F.	STORAGE	F01	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11 1/2"	S02	
119	1ST LEVEL F.F.	STORAGE	F01	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11 1/2"	S02	
120	1ST LEVEL F.F.	HALLWAY	F02	-	B01	B01	B01	-	W01	W01	W01	C02	9'-1 3/4"	S02	
121	1ST LEVEL F.F.	ENTRY	F04	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11"	S02	
122	1ST LEVEL F.F.	RESTROOM	-	B01	B01	B01	B01	W02	W02	W02	W02	C02	11'-0"	S02	
123	1ST LEVEL F.F.	OFFICE	F03	B01	B01	B01	B01	W01	W01	W01	W01	-	9'-3 1/4"	S02; S03	
124	1ST LEVEL F.F.	JANITOR	F05	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11 3/4"	S02	
125	1ST LEVEL F.F.	STORAGE	F05	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11 1/2"	S02	
126	1ST LEVEL F.F.	STORAGE	F03	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11"	S02	
127	1ST LEVEL F.F.	STORAGE	F01	B01	B01	B01	B01	W01	W01	W01	W01	C02	10'-11"	S02; S03	

GENERAL FINISH NOTES:

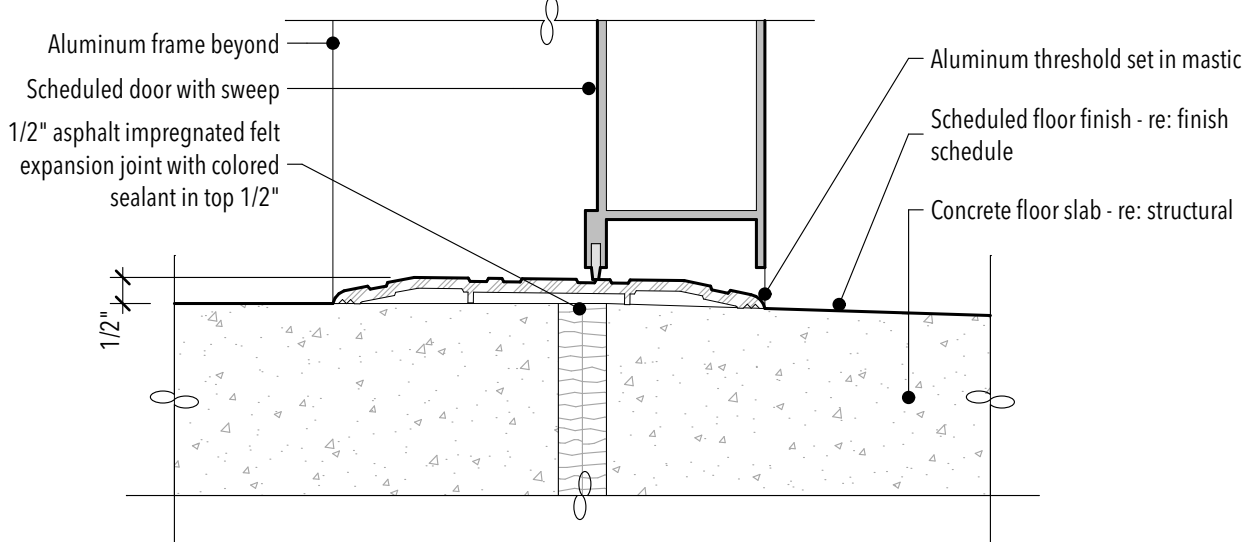
- A.
- B.
- C.
- D.
- E.
- F.
- G.
- H.
- I.
- J.
- Provide epoxy paint at walls and ceilings at all toilet rooms, janitor rooms, and wet or damp areas.
- All floor transitions to be located at center of door, unless noted otherwise.
- Field verify all dimensions before fabrication of millwork.
- Coordinate all millwork with appliances before fabrication.
- All countertop, backsplashes, and edge banding to have coordinating finishes.
- All transitions from carpet/linoleum to tile are to utilize the Schluter Reno-U transition strip.
- All new interior stud wall framing and gypsum board to run from floor to deck U.N.O., all gypsum board exposed to view shall be painted.
- All carpet to be laid in vertical ashlar. Architect to monitor first carpet tile installation.
- The Contractor shall coordinate all floor finish transitions at all millwork - adjacent floor finishes shall be required to extend to fixed millwork construction where in contact with floor finish - typ.
- Re: Finish Schedule on sheet A1.31 for all finish information.



CARPET TO LVT FLOORING

01

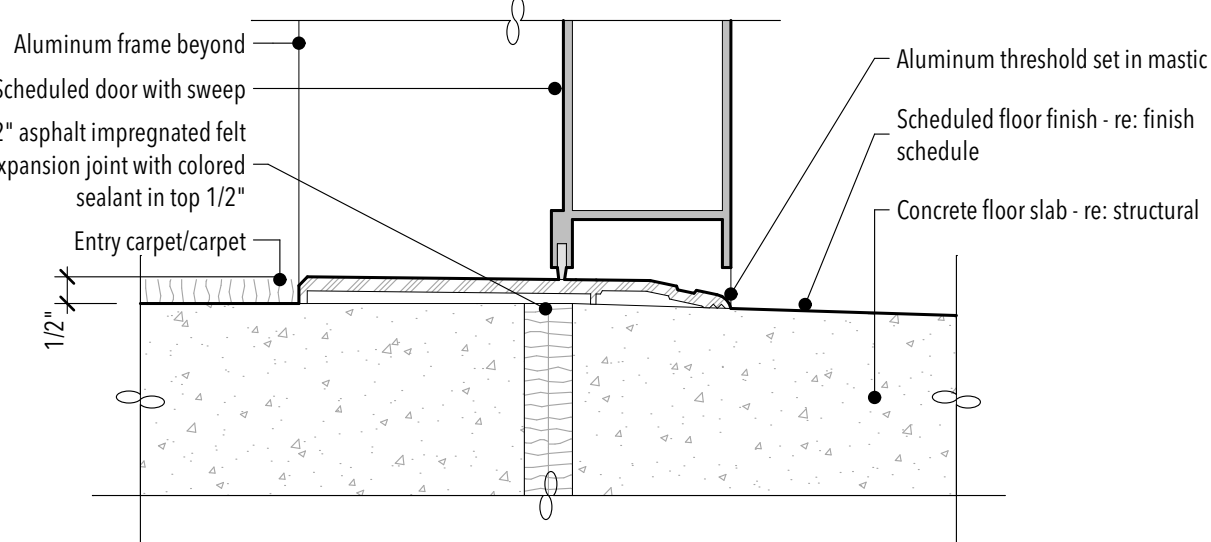
1' = 1'-0"



TYP. EXTERIOR THRESHOLD

02

6" = 1'-0"

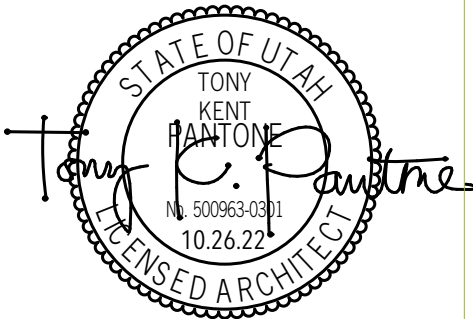


TYP. THRESHOLD @ CARPET

03

6" = 1'-0"

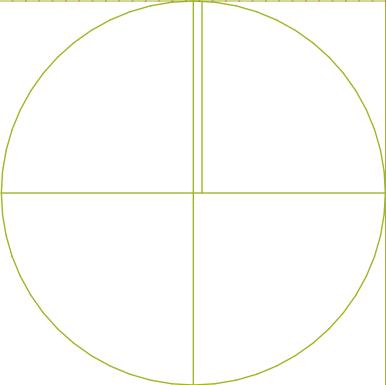
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OGDEN, UT 84401  
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150



FINISH SCHEDULE &  
LEGEND

A1.31

FINISH PLAN LEGEND:			
ID	PRODUCT	MFR.	COLOR/NOTES
FLOOR MATERIALS			
F01	Carpet tile	Tarkett	Painted Desert, Warm Adobe, 18"x36"
F02	Carpet tile	Tarkett	Tundra Flower, Warm Adobe, 18"x36"
F03	Carpet tile	Tarkett	Sky Atlas, Warm Adobe, 18"x36"
F04	Walk off carpet tile	Tarkett	Abrasive Action II; Charcoal, 24"x24"
F05	Resilient tile flooring (LVT)	Tarkett	Contour, PCAR Antrifrice, 10771 Honed Metal, Quarry, 18"x18"
BASE MATERIALS			
B01	Primed & painted existing hardwood base	Sherwin Williams	SW 7674 Peppercorn
B02	4" coved rubber base	Roppe	123 Charcoal
WALL MATERIALS			
W01	Primed & painted wall surface	Sherwin Williams	SW 7064 Passive, paint chair rail to match where occurs
W02	Primed & painted wall surface (Epoxy)	Sherwin Williams	SW 7064 Passive, paint chair rail to match where occurs
CEILING MATERIALS			
C01	1' x 1' acoustical ceiling tile over existing plaster ceiling system	-	-
C02	Patch & repair existing plaster ceiling as req.	Sherwin Williams	Paint color: Extra White SW7006
MILLWORK FINISHES			
M01	Plastic laminate	Wilsonart	Grey Elm
M02	Solid surface	Wilsonart	Peace Grey
M03	Millwork base	Roppe	123 Charcoal
M04	Melamine	-	-
SPECIALTIES			
S01	Millwork	-	-
S02	Primed & painted new stile & rail door, existing door frame, casings, & transom panel	Sherwin Williams	SW 7674 Peppercorn
S03	Solid surface window sill	Wilsonart	Cloud Mist

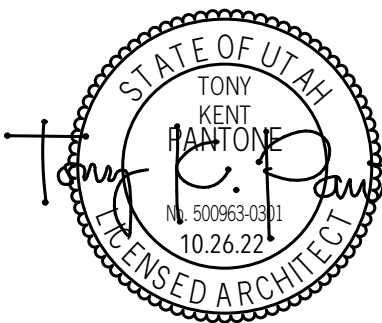


- GENERAL FINISH NOTES:
- A. Provide epoxy paint at walls and ceilings at all toilet rooms, janitor rooms, and wet or damp areas.
  - B. All floor transitions to be located at center of door, unless noted otherwise.
  - C. Field verify all dimensions before fabrication of millwork.
  - D. Coordinate all millwork with appliances before fabrication.
  - E. All countertop, backsplashes, and edge banding to have coordinating finishes.
  - F. All transitions from carpet/linoleum to tile are to utilize the Schluter Reno-U transition strip.
  - G. All new interior stud wall framing and gypsum board to run from floor to deck U.N.O., all gypsum board exposed to view shall be painted.
  - H. All carpet to be laid in vertical ashlar. Architect to monitor first carpet tile installation.
  - I. The Contractor shall coordinate all floor finish transitions at all millwork - adjacent floor finishes shall be required to extend to fixed millwork construction where in contact with floor finish - typ.
  - J. Re: Finish Schedule on sheet A1.31 for all finish information.

FINISH PLAN LEGEND:			
ID	PRODUCT	MFR.	COLOR/NOTES
FLOOR MATERIALS			
F01	Carpet tile	Tarkett	Painted Desert, Warm Adobe, 18"x36"
F02	Carpet tile	Tarkett	Tundra Flower, Warm Adobe, 18"x36"
F03	Carpet tile	Tarkett	Sky Atlas, Warm Adobe, 18"x36"
F04	Walk off carpet tile	Tarkett	Abrasive Action II; Charcoal, 24"x24"
F05	Resilient tile flooring (LVT)	Tarkett	Contour, PCAR Antriflice, 10771 Honed Metal, Quarry, 18"x18"
BASE MATERIALS			
B01	Primed & painted existing hardwood base	Sherwin Williams	SW 7674 Peppercorn
B02	4" coved rubber base	Roppe	123 Charcoal
WALL MATERIALS			
W01	Primed & painted wall surface	Sherwin Williams	SW 7064 Passive, paint chair rail to match where occurs
W02	Primed & painted wall surface (Epoxy)	Sherwin Williams	SW 7064 Passive, paint chair rail to match where occurs
CEILING MATERIALS			
C01	1' x 1' acoustical ceiling tile over existing plaster ceiling system	-	-
C02	Patch & repair existing plaster ceiling as req.	Sherwin Williams	Paint color: Extra White SW7006
MILLWORK FINISHES			
M01	Plastic laminate	Wilsonart	Grey Elm
M02	Solid surface	Wilsonart	Peace Grey
M03	Millwork base	Roppe	123 Charcoal
M04	Melamine	-	-
SPECIALTIES			
S01	Millwork	-	-
S02	Primed & painted new stile & rail door, existing door frame, casings, & transom panel	Sherwin Williams	SW 7674 Peppercorn
S03	Solid surface window sill	Wilsonart	Cloud Mist

- FINISH PLAN SYMBOLS:
- : Single finish symbols indicate where finishes are different from general room finishes, or provide additional finish information.
  - : Change in floor material
  - : Signage label

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150  
SCALE: 1/4" = 1'-0"



1ST LEVEL FINISH & SIGNAGE PLAN



GENERAL EXTERIOR ELEVATION NOTES:

A. Contractor shall leave a 3/4" gap between all dissimilar materials - typ. Gap shall be filled with backer rod and sealant. Coordinate sealant color with Architect.

B. Contractor shall paint all vent pipes, exhaust fans, and other roof top equipment and penetrations that are visible from the ground plane.

C. Re: electrical drawings for lighting, etc. Contractor shall paint all electrical panels and other electrical equipment - coordinate paint color with Architect.

KEYED NOTES:

05.01 Existing steel pipe railing/guardrail - prepare and paint

08.03 Install existing glass pane (Furnished by Owner) in existing window sash at location of removed window mounted evaporative cooler system. Install new glazing stops and gaskets.

08.05 Aluminum storefront entrance door system in existing masonry opening - re: door schedule and details

23.02 Condensing unit on mechanical pad - re: mechanical.

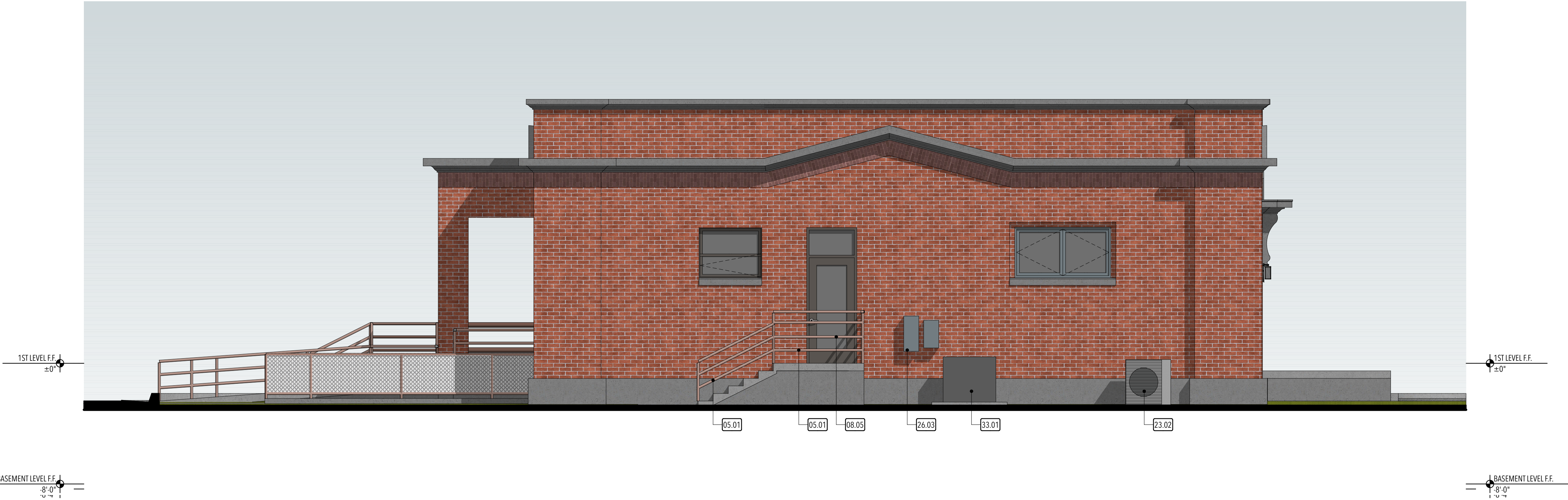
26.03 Existing electrical equipment - paint

33.01 Gas service location - re: plumbing. Provide 5'x3'x4" thick concrete pad over 4" compacted gravel base. Remove and replace existing sod with new as required for new utility trench.



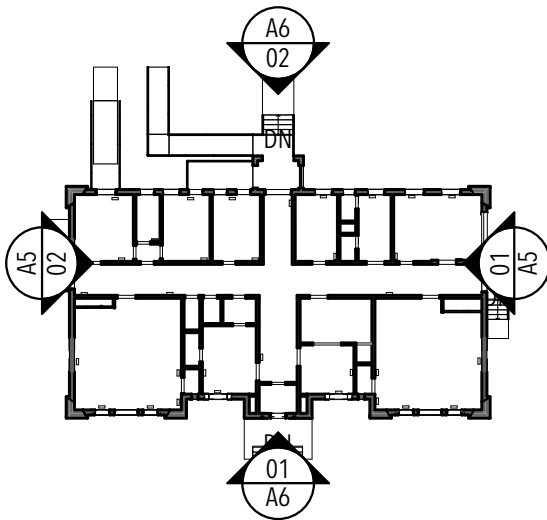
NORTH ELEVATION

A 1/4" = 1'-0"

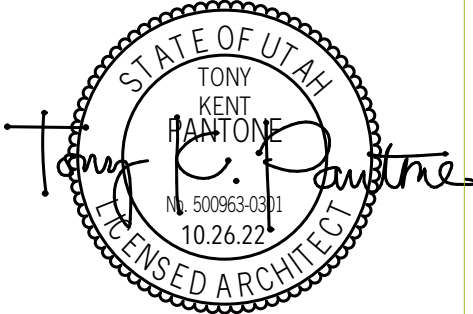


SOUTH ELEVATION

B 1/4" = 1'-0"



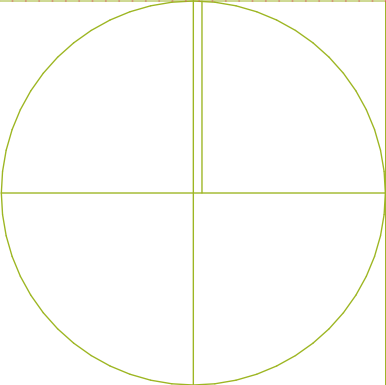
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OGDEN, UT 84401  
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

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PERMIT SET  
DATE: 10.26.22  
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- GENERAL EXTERIOR ELEVATION NOTES:
- A. Contractor shall leave a 3/4" gap between all dissimilar materials - typ. Gap shall be filled with backer rod and sealant. Coordinate sealant color with Architect.
  - B. Contractor shall paint all vent pipes, exhaust fans, and other roof top equipment and penetrations that are visible from the ground plane.
  - C. Re: electrical drawings for lighting, etc. Contractor shall paint all electrical panels and other electrical equipment - coordinate paint color with Architect.
- KEYED NOTES:
- 05.01 Existing steel pipe railing/guardrail - prepare and paint
  - 05.02 Remove existing chain link fencing/guardrail system, complete. Install new 42" high vinyl coated chain link guardrail system. Install vertical posts at same location of previous guardrail system and grout in place.
  - 07.04 Infill existing foundation wall vent opening with 2" polyisocyanurate insulation board. Cap opening with galvanized sheet metal cap and seal airtight - paint sheet metal to match existing brick veneer - re: mechanical.
  - 08.03 Install existing glass pane (Furnished by Owner) in existing window sash at location of removed window mounted evaporative cooler system. Install new glazing stops and gaskets.
  - 08.05 Aluminum storefront entrance door system in existing masonry opening - re: door schedule and details
  - 08.06 Install existing glass pane (Furnished by Owner) in existing window sash at location of removed obscure glazing. Install new glazing stops and gaskets.
  - 23.02 Condensing unit on mechanical pad - re: mechanical.
  - 26.01 Light fixture - re: electrical.

EAST ELEVATION

C

1/4" = 1'-0"

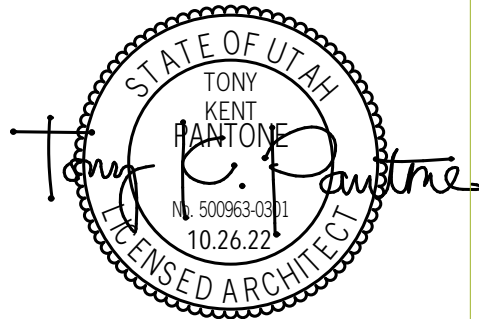


WEST ELEVATION

D

1/4" = 1'-0"

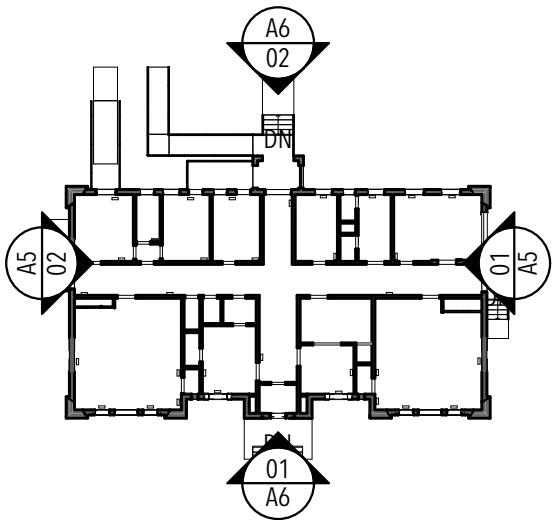
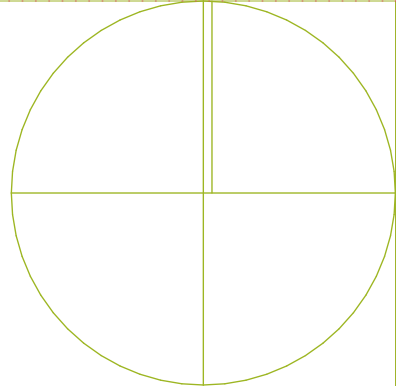
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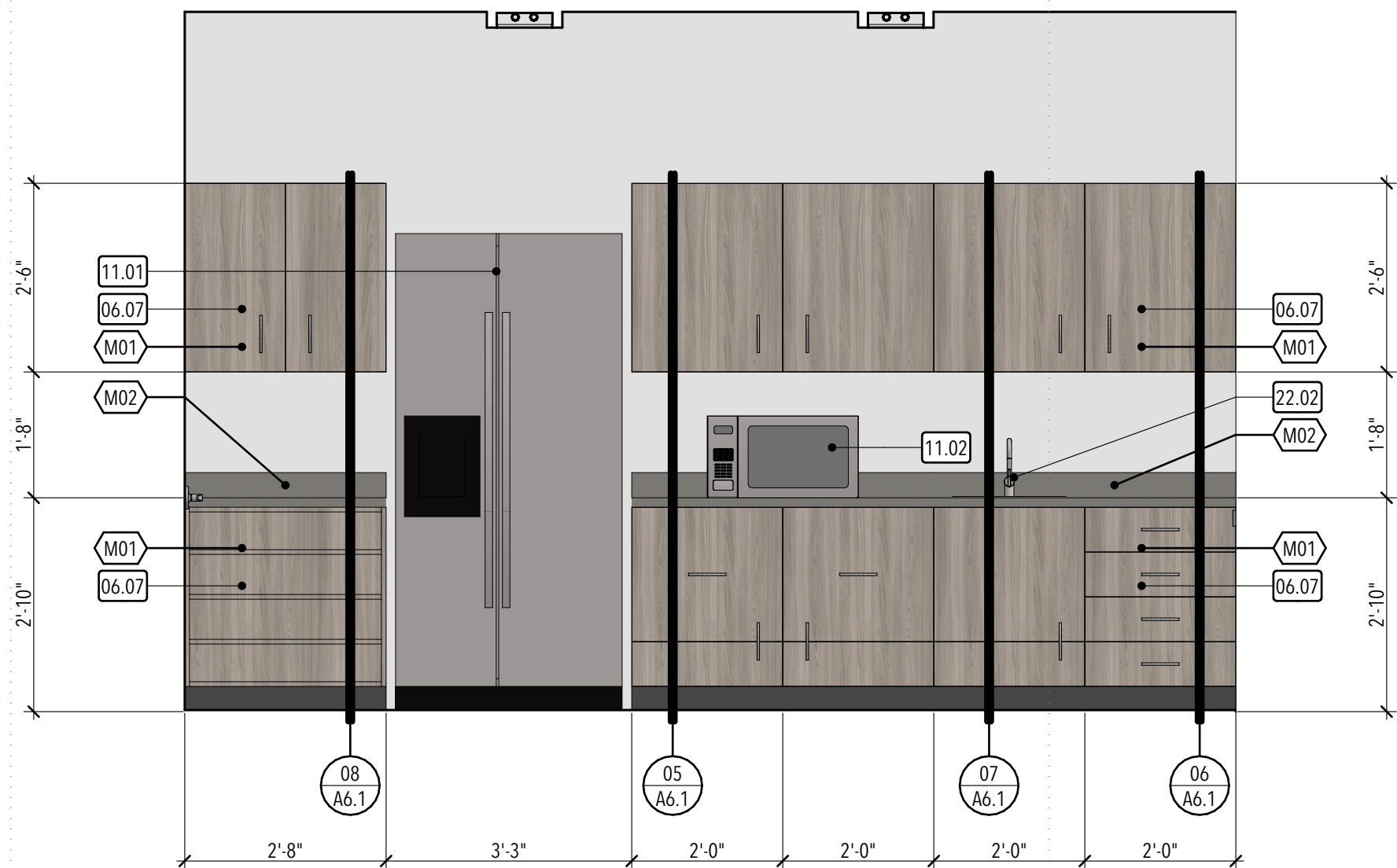
OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150







BREAK ROOM West

01

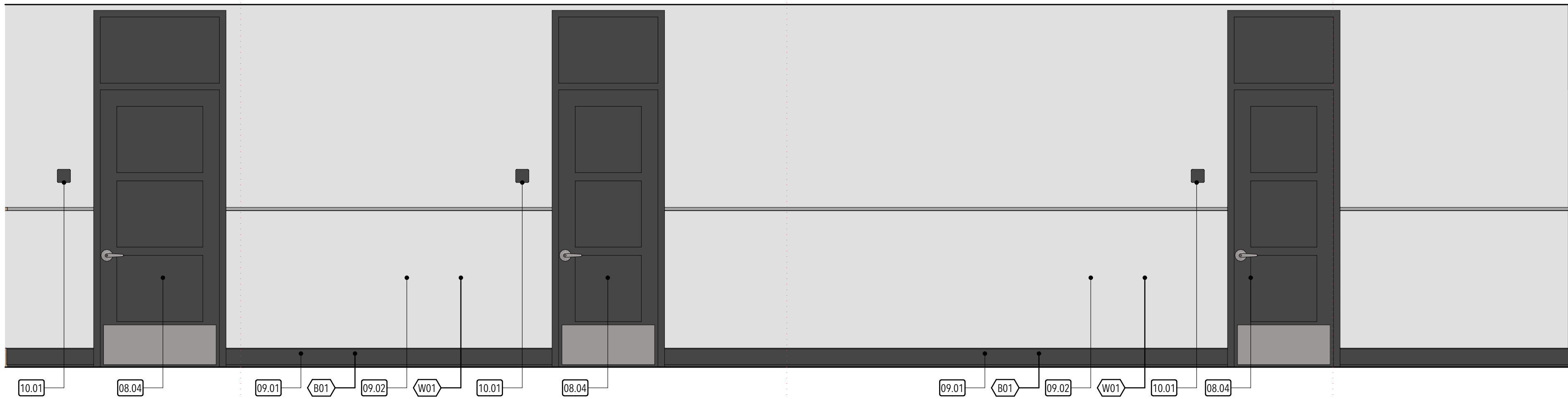
1/2" = 1'-0"



HALLWAY South

02

1/2" = 1'-0"



HALLWAY North

03

1/2" = 1'-0"

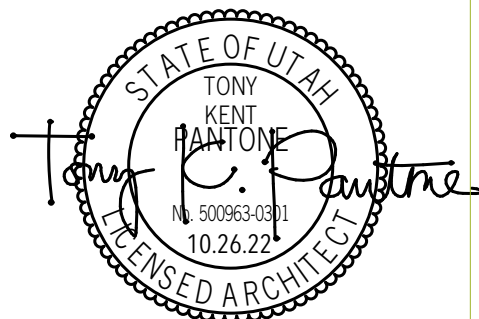


HALLWAY North

04

1/2" = 1'-0"

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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150

GENERAL MILLWORK NOTES:

- A. Provide base at all cabinet toe spaces, unless otherwise noted.  
B. Provide grommet where "G" is indicated on plans and/or interior elevations.  
C. All countertops shall have a 4" backsplash, unless otherwise noted, to match finish on countertop, on back and sidewalls.  
D. Provide filler panels to seal sides and tops of all cabinets placed at an angle to adjacent wall(s).  
E. All millwork with exposed ends shall have 3/4" finished end panels - typical.  
F. Contractor shall provide blocking behind all cabinets, coat racks, t.v. brackets and projection screens, as well as all wall mounted accessories, including white boards, tack boards, toilet and urinal partitions, toilet accessories, etc. Only 2x wood blocking is acceptable behind millwork and toilet partitions.  
G. Reference specifications for finish colors on all millwork and casework.  
H. All cabinet interiors concealed from view by cabinet doors shall be covered in melamine laminate as per specifications. All cabinet interiors open to view shall be covered in the laminate or veneer utilized on the exterior of the cabinet.

TYPICAL MILLWORK DETAILS:

1. Base Cabinet Plan Detail - Re: 01/A6.1  
2. Base Corner Detail - Re: 02/A6.1  
3. Typical Millwork Anchoring Detail - Re: 03/A6.1  
4. Typical Toe Kick Detail - Re: 04/A6.1

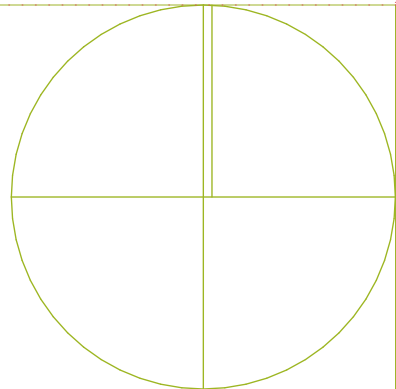
KEYED NOTES:

- 06.07 Millwork - re: millwork drawings  
08.04 Install new wood stile and rail door leaf in existing wood door frame. Coordinate hinge locations and new door hardware with existing frame. Paint door leaf, door frame and transom panel.  
09.01 Scheduled wall base  
09.02 Skim coat all existing plaster wall surfaces in this room to provide smooth uniform wall surface - paint.  
10.01 Signage - re: signage schedule  
11.01 Refrigerator (N.I.C.)  
11.02 Microwave (N.I.C.)  
22.01 Sink and faucet - re: plumbing

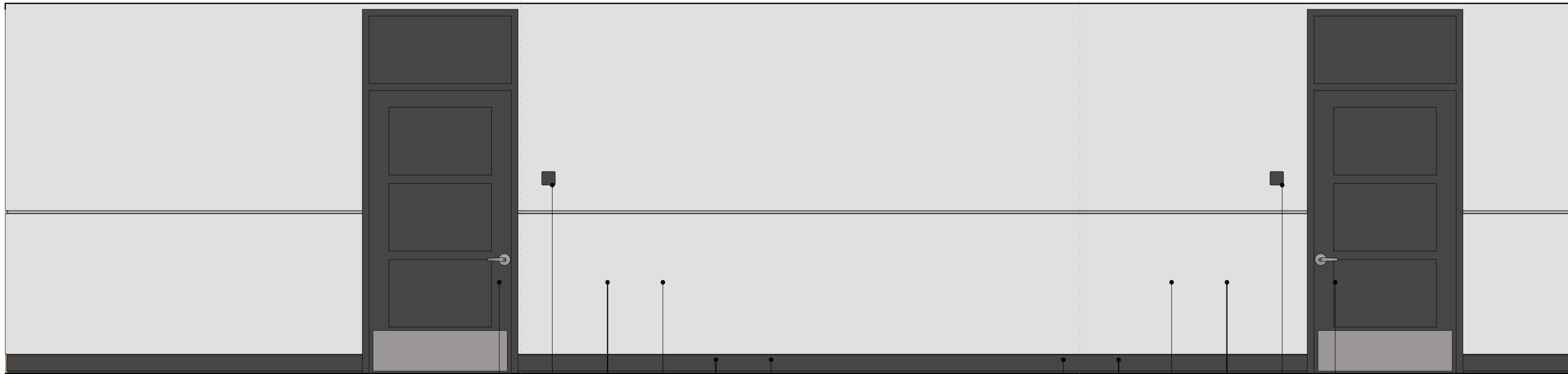
MILLWORK FINISH MATERIAL LEGEND				
TYPE	MANUF.	PRODUCT	COLOR	NOTES
M01	Wilsonart	Plastic Laminate	Grey Elm	-
M02	Wilsonart	Solid surface	Peace Grey	-
M03	Roppe	Base	123 Charcoal	-
M04	-	Melamine	White	Interior cabinet finish - white to match Owner's sample

Note: Provide PVC edge banding on edges at shelves behind doors, color to match (M01 - Wilsonart - Grey Elm)

MILLWORK HARDWARE SCHEDULE			
TYPE	MFC.	MODEL	DESCRIPTION/NOTES
Pivot Hinges	Blum	70T5650	
Pulls	Doug Mockett	DP128/6	Matt Chrome (26M)
Lock	National locks	#8173	-
Touch latch	USFUTABA	733313 29 047	Magnetic touch latch (Single Latch #733313 29 047, Double Latch #733313 29 051)
Drawers slides	Hafele/ Accuride	3348	Provide the 150 lbs drawer slides at all drawer locations.
Hanging folder frame	-	239.41.013	-
Countertop support	KV or Eq.	-	Coord. size & exact locations w/ owner
2 1/4" grommet cover	-	-	Finish: Black; Coord. size & locations w/ owner
1" grommet cover	-	-	Finish: Black; Coord. size & locations w/ owner



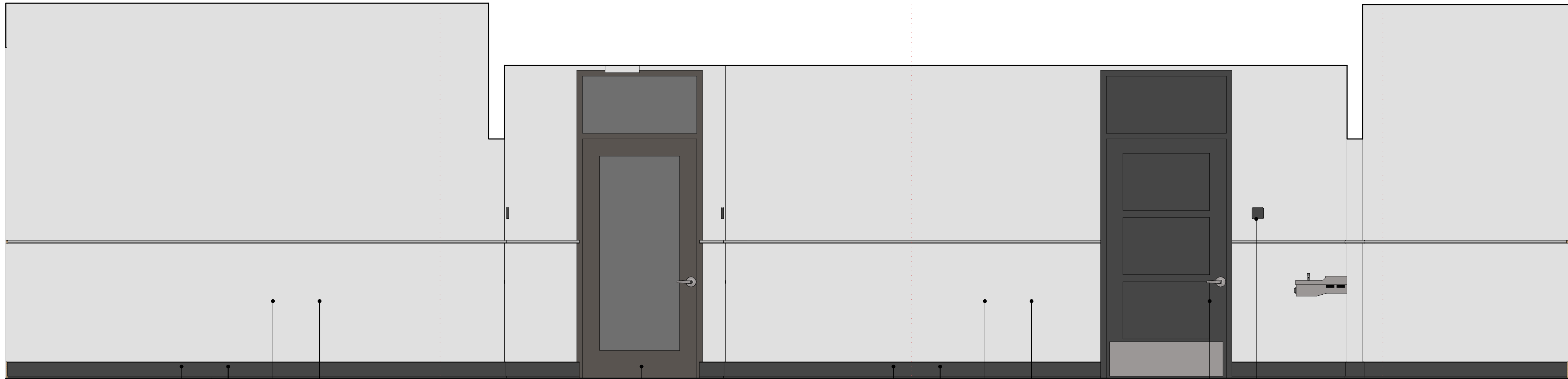




HALLWAY South

01

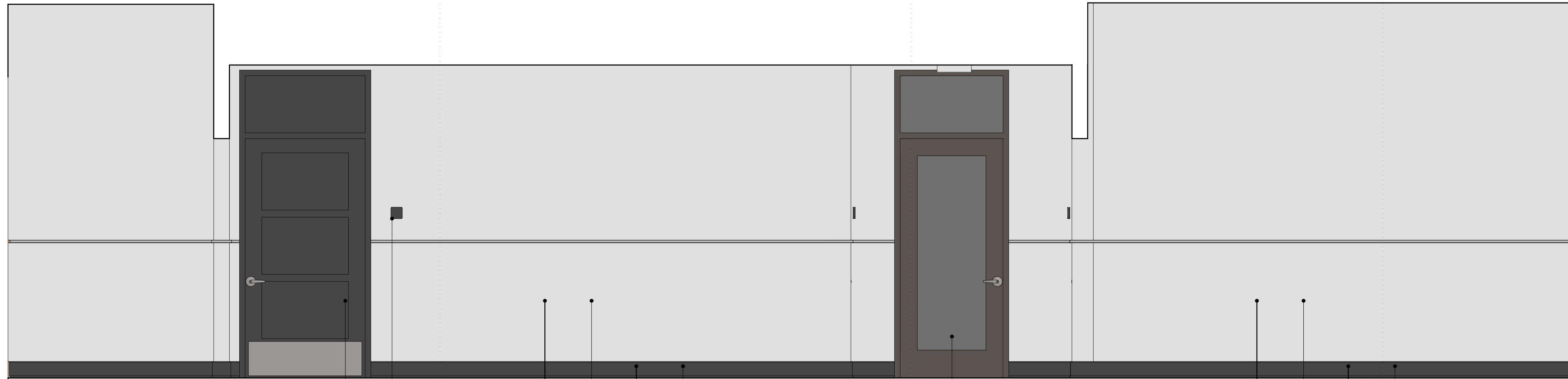
1/2" = 1'-0"



HALLWAY East

02

1/2" = 1'-0"

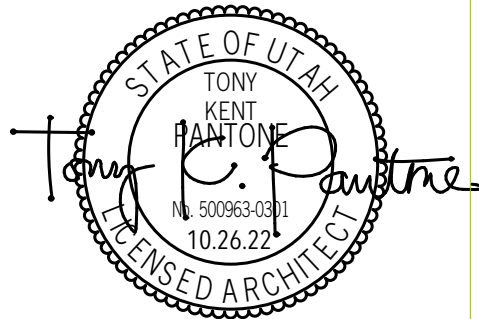


HALLWAY West

03

1/2" = 1'-0"

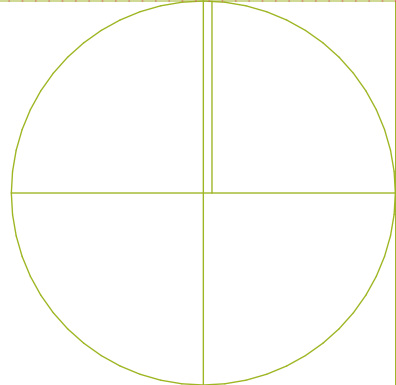
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OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150



GENERAL MILLWORK NOTES:

- A. Provide base at all cabinet toe spaces, unless otherwise noted.  
B. Provide grommet where "G" is indicated on plans and/or interior elevations.  
C. All countertops shall have a 4" backsplash, unless otherwise noted, to match finish on countertop, on back and sidewalls.  
D. Provide filler panels to seal sides and tops of all cabinets placed at an angle to adjacent wall(s).  
E. All millwork with exposed ends shall have 3/4" finished end panels - typical.  
F. Contractor shall provide blocking behind all cabinets, coat racks, t.v. brackets and projection screens, as well as all wall mounted accessories, including white boards, tack boards, toilet and urinal partitions, toilet accessories, etc. Only 2x wood blocking is acceptable behind millwork and toilet partitions.  
G. Reference specifications for finish colors on all millwork and casework.  
H. All cabinet interiors concealed from view by cabinet doors shall be covered in melamine laminate as per specifications. All cabinet interiors open to view shall be covered in the laminate or veneer utilized on the exterior of the cabinet.

TYPICAL MILLWORK DETAILS:

1. Base Cabinet Plan Detail - Re: 01/A6.1  
2. Base Corner Detail - Re: 02/A6.1  
3. Typical Millwork Anchoring Detail - Re: 03/A6.1  
4. Typical Toe Kick Detail - Re: 04/A6.1

KEYED NOTES:

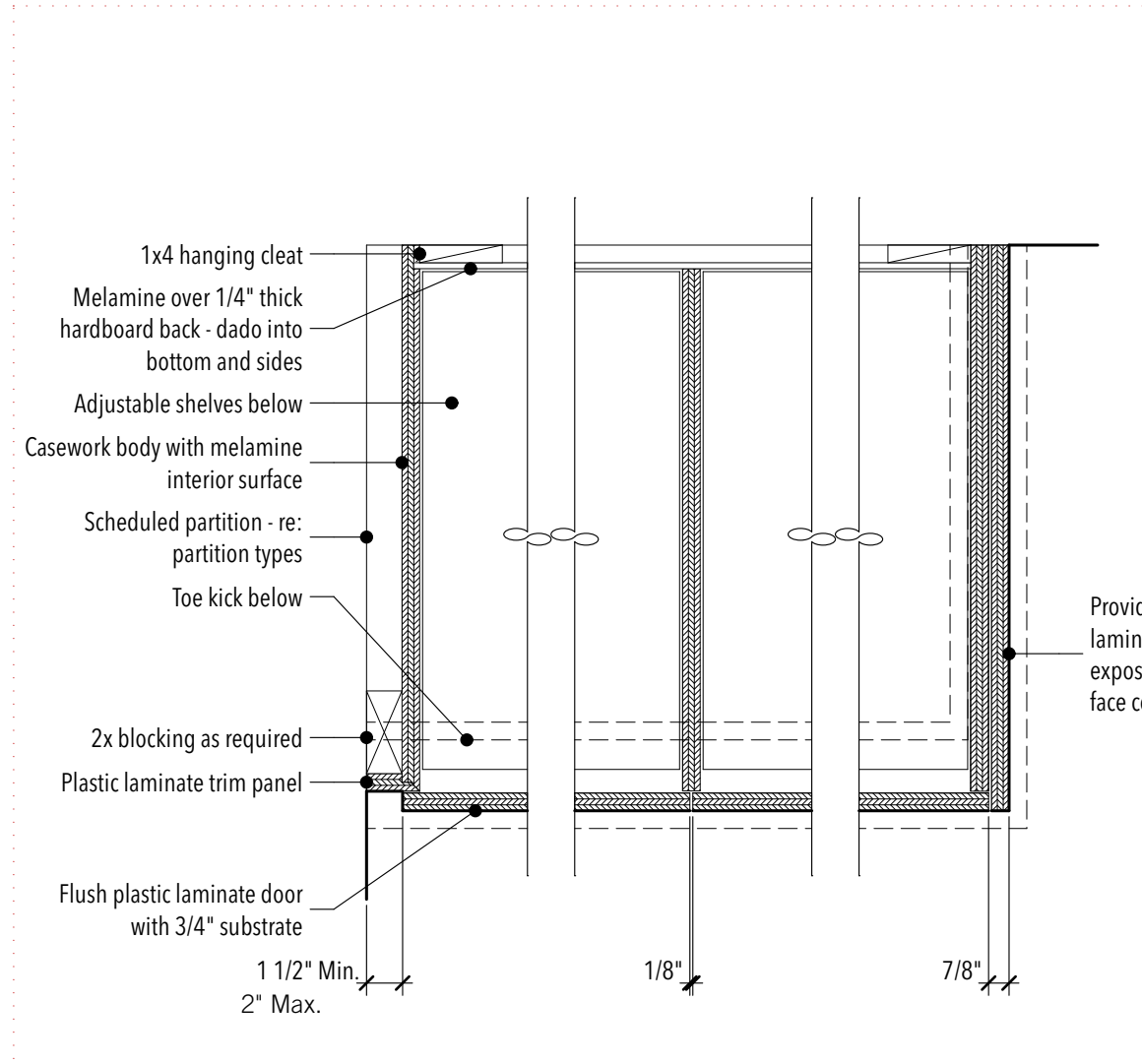
- 08.04 Install new wood stile and rail door leaf in existing wood door frame. Coordinate hinge locations and new door hardware with existing frame. Paint door leaf, door frame and transom panel.  
08.05 Aluminum storefront entrance door system in existing masonry opening - re: door schedule and details  
09.01 Scheduled wall base  
09.02 Skim coat all existing plaster wall surfaces in this room to provide smooth uniform wall surface - paint.  
10.01 Signage - re: signage schedule

MILLWORK FINISH MATERIAL LEGEND				
TYPE	MANUF.	PRODUCT	COLOR	NOTES
M01	Wilsonart	Plastic Laminate	Grey Elm	-
M02	Wilsonart	Solid surface	Peace Grey	-
M03	Roppe	Base	123 Charcoal	-
M04	-	Melamine	White	Interior cabinet finish - white to match Owner's sample

Note: Provide PVC edge banding on edges at shelves behind doors, color to match (M01 - Wilsonart - Grey Elm)

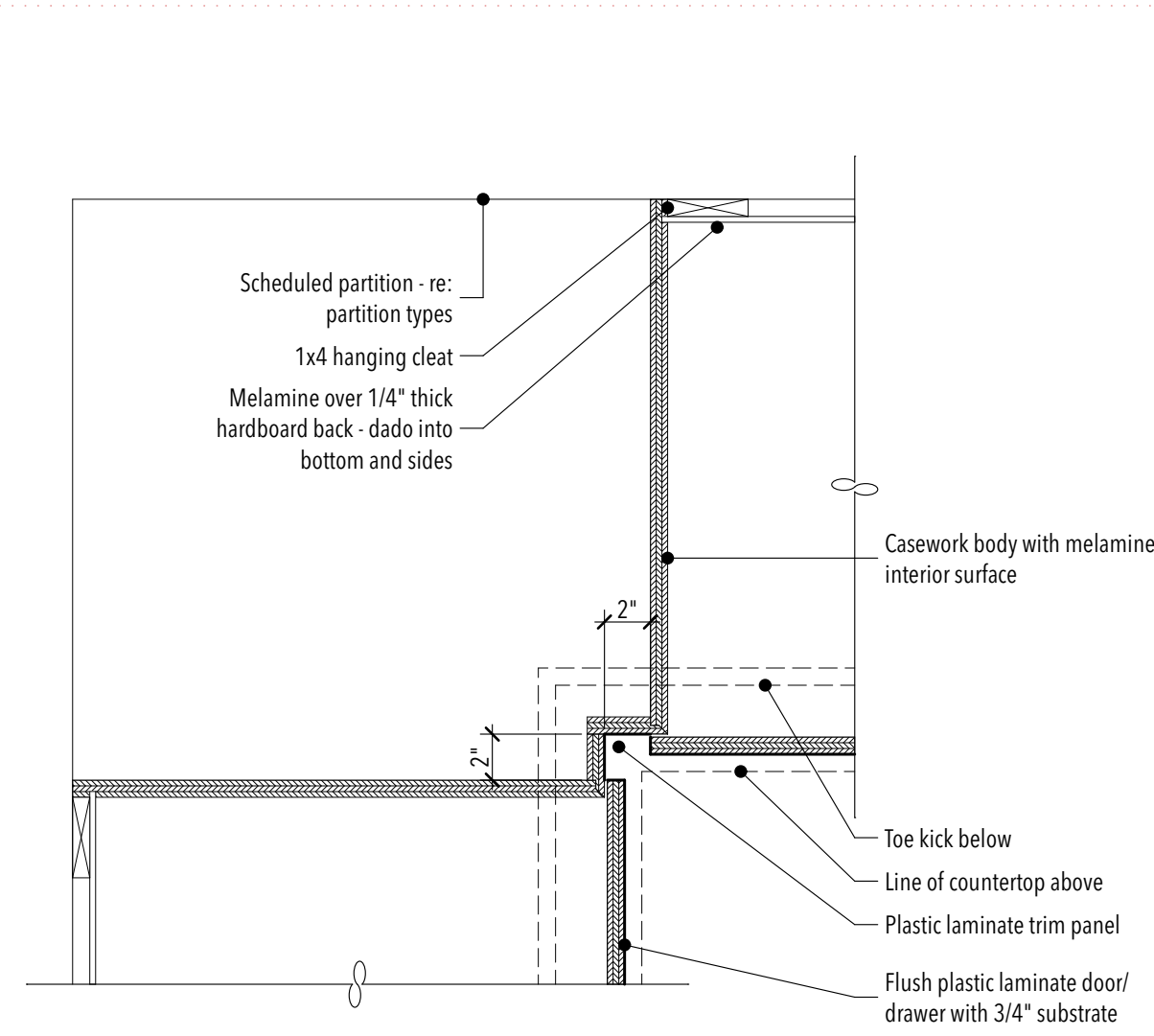
MILLWORK HARDWARE SCHEDULE			
TYPE	MFC.	MODEL	DESCRIPTION/NOTES
Pivot Hinges	Blum	70T5650	
Pulls	Doug Mockett	DP128/6	Matt Chrome (26M)
Lock	National locks	#8173	-
Touch latch	USFUTABA	733313 29 047	Magnetic touch latch (Single Latch #733313 29 047, Double Latch #733313 29 051)
Drawers slides	Hafele/ Accuride	3348	Provide the 150 lbs drawer slides at all drawer locations.
Hanging folder frame	-	239.41.013	-
Countertop support	KV or Eq.	-	Coord. size & exact locations w/ owner
2 1/4" grommet cover	-	-	Finish: Black; Coord. size & locations w/ owner
1" grommet cover	-	-	Finish: Black; Coord. size & locations w/ owner



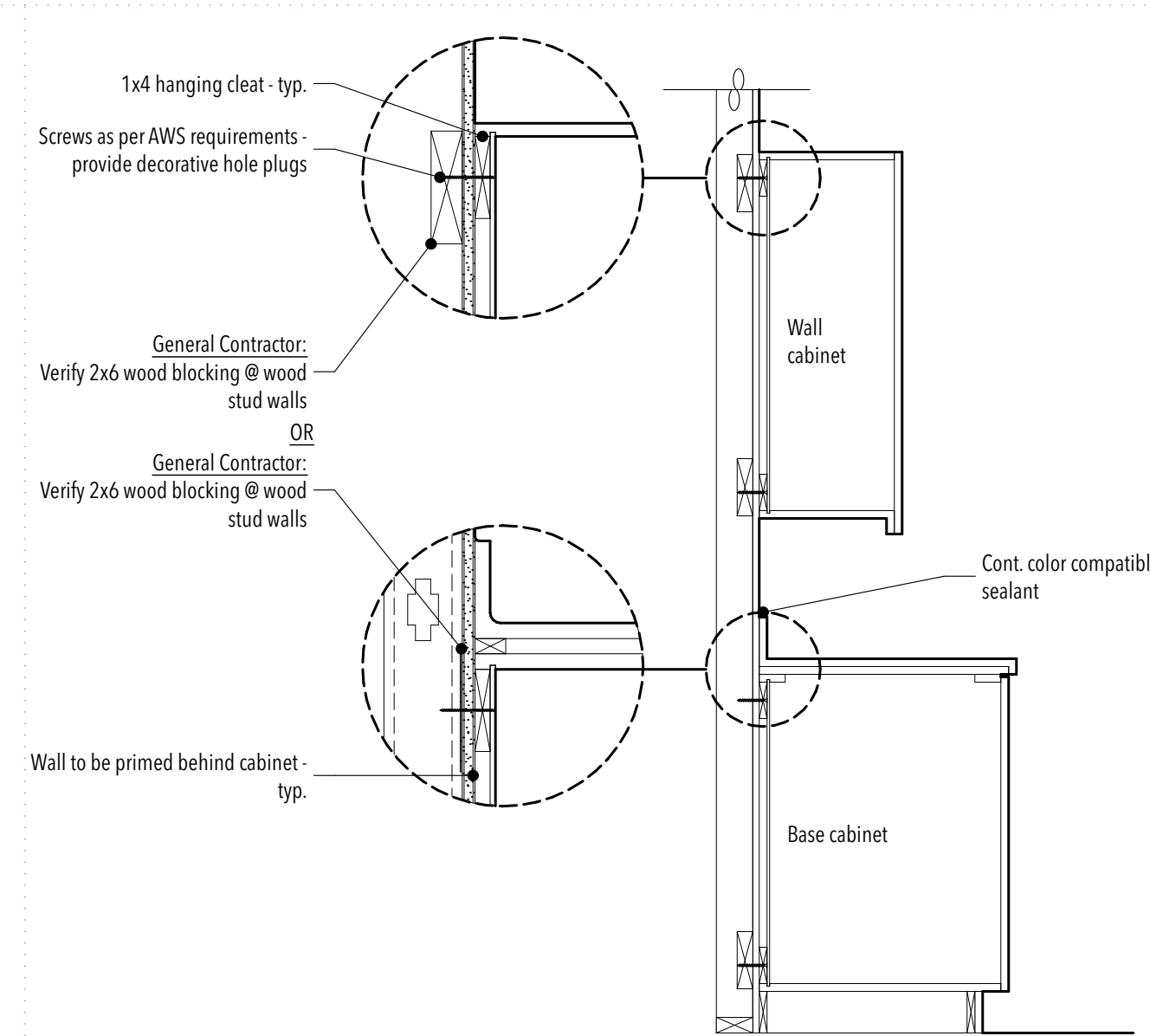


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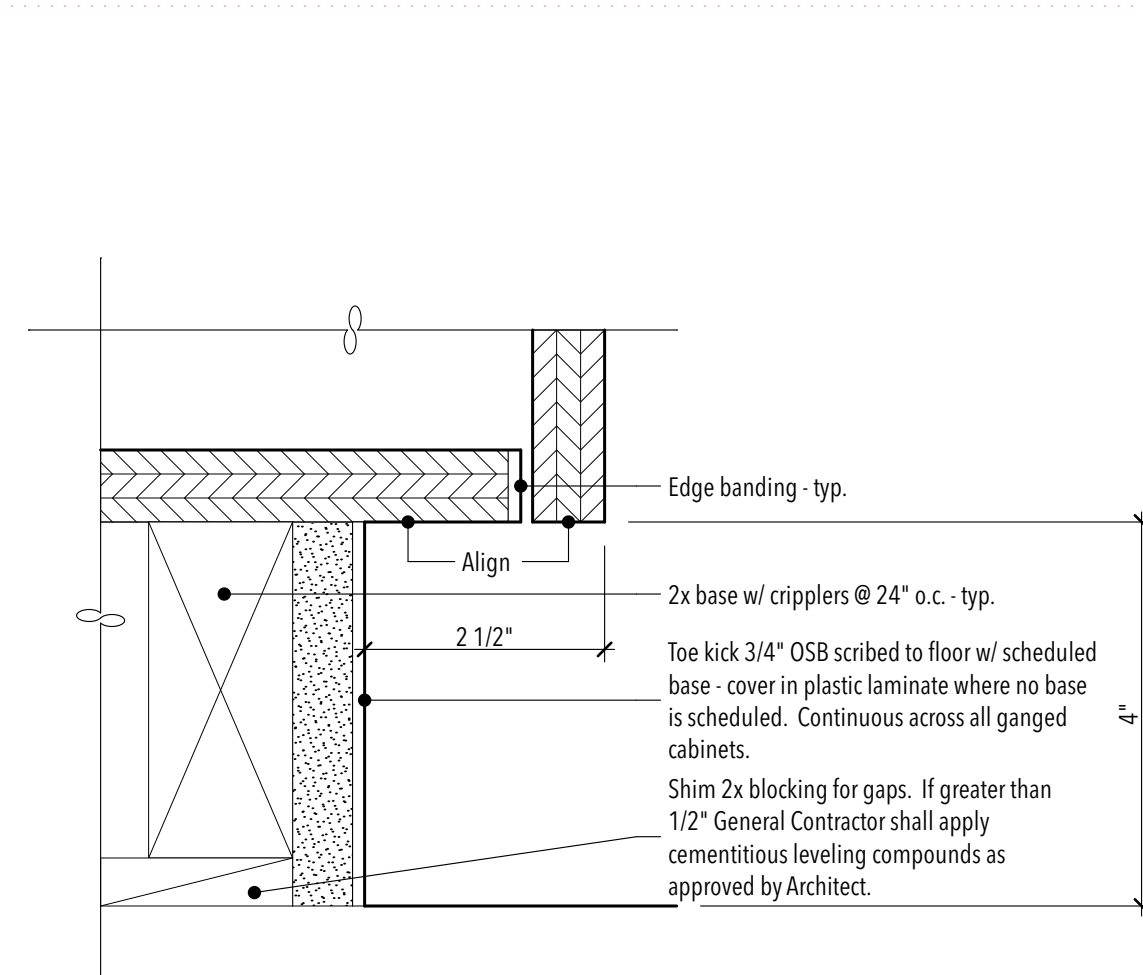
01
1 1/2" = 1'-0"



02 1 1/2"= 1'-0"



03 3/4" = 1'-0"

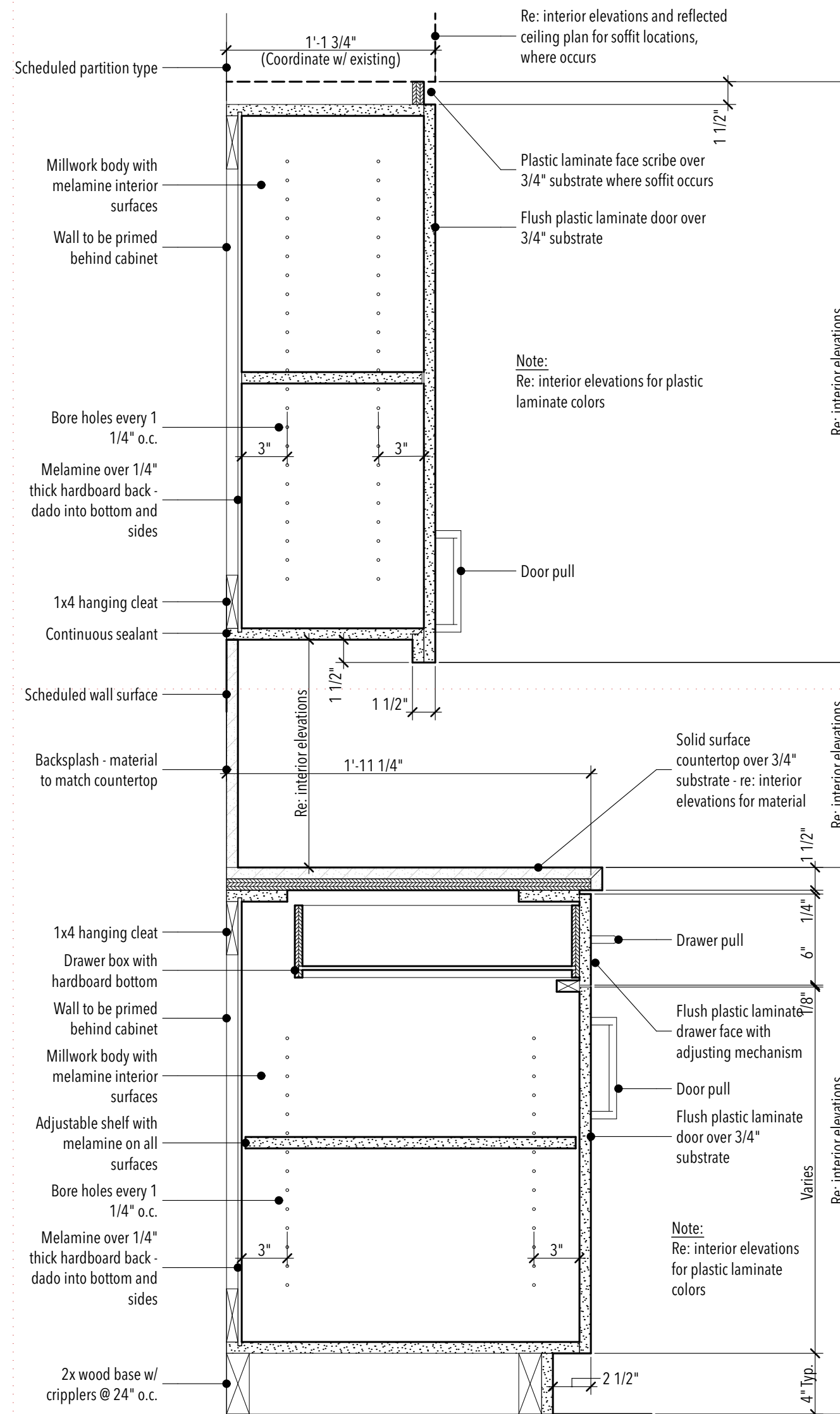


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04
 $6'' = 1'.0''$

A.	Provide base at all cabinet toe spaces, unless otherwise noted.
B.	Provide grommet where "G" is indicated on plans and/or interior elevations.
C.	All countertops shall have a 4" backsplash, unless otherwise noted, to match finish on countertop, on back and side walls.
D.	Provide filler panels to seal sides and tops of all cabinets placed at an angle to adjacent walls.
E.	All millwork with exposed ends shall have 3/4" finished ends panels.
F.	Provide shoe cover blocking behind all cabinet toe spaces, toe blocks, toe brackets and projection screens, as well as all wall mounted accessories, including white boards, back toilets, toilet and urinal partitions, toilet accessories, etc. Only 2x wood blocking is acceptable behind millwork and toilet partitions.
G.	Reference specifications for finish colors on all millwork and casework.
H.	All cabinet interiors concealed from view by cabinet doors shall be covered in melamine laminate as per specifications. All cabinet interiors open to view shall be covered in the laminate or veneer utilized on the exterior of the cabinet.

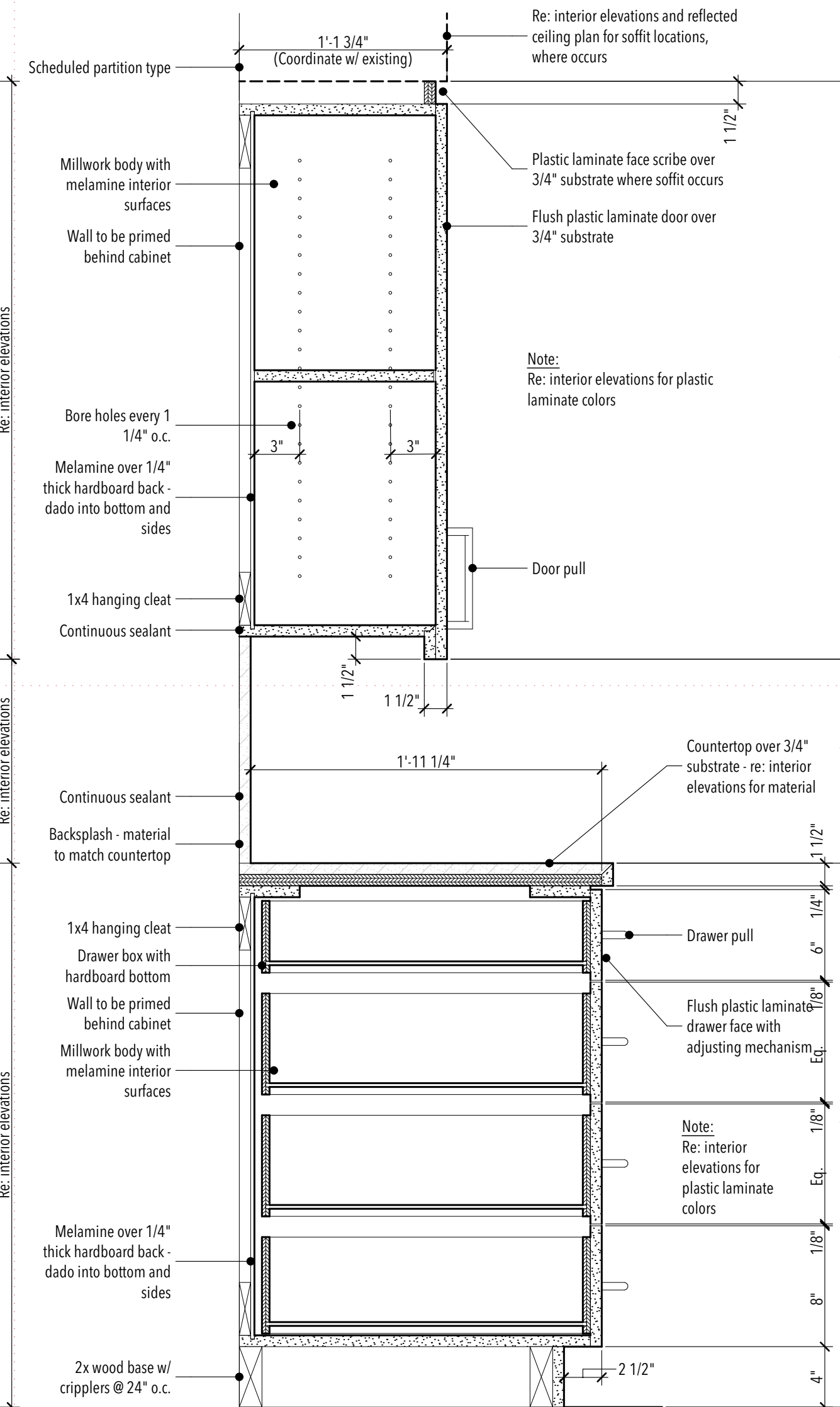
1. Base Cabinet Plan Detail - Re: 01/A6.1
2. Base Corner Detail - Re: 02/A6.1
3. Typical Millwork Anchoring Detail - Re: 03/A6.1
4. Typical Toe Kick Detail - Re: 04/A6.1



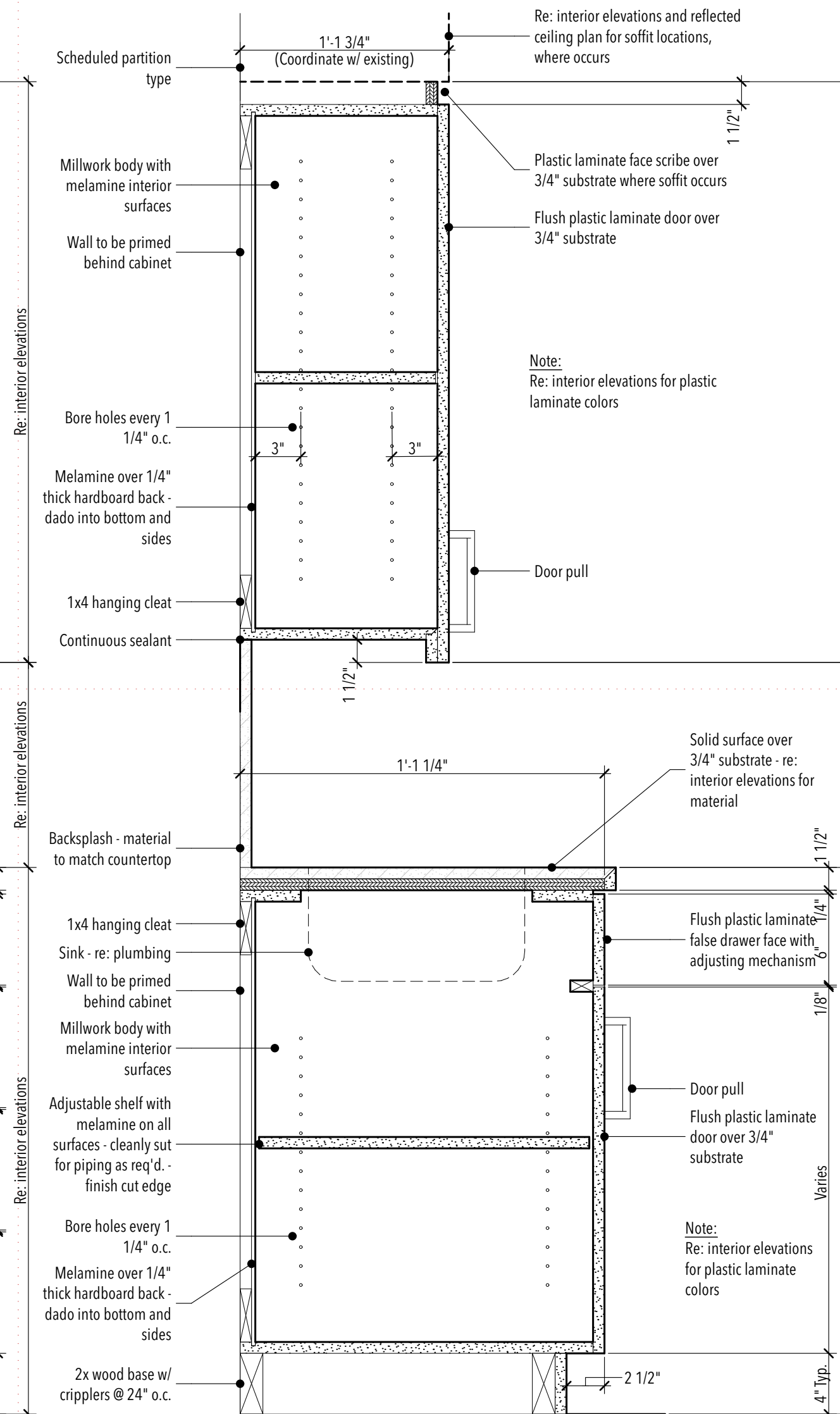
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05

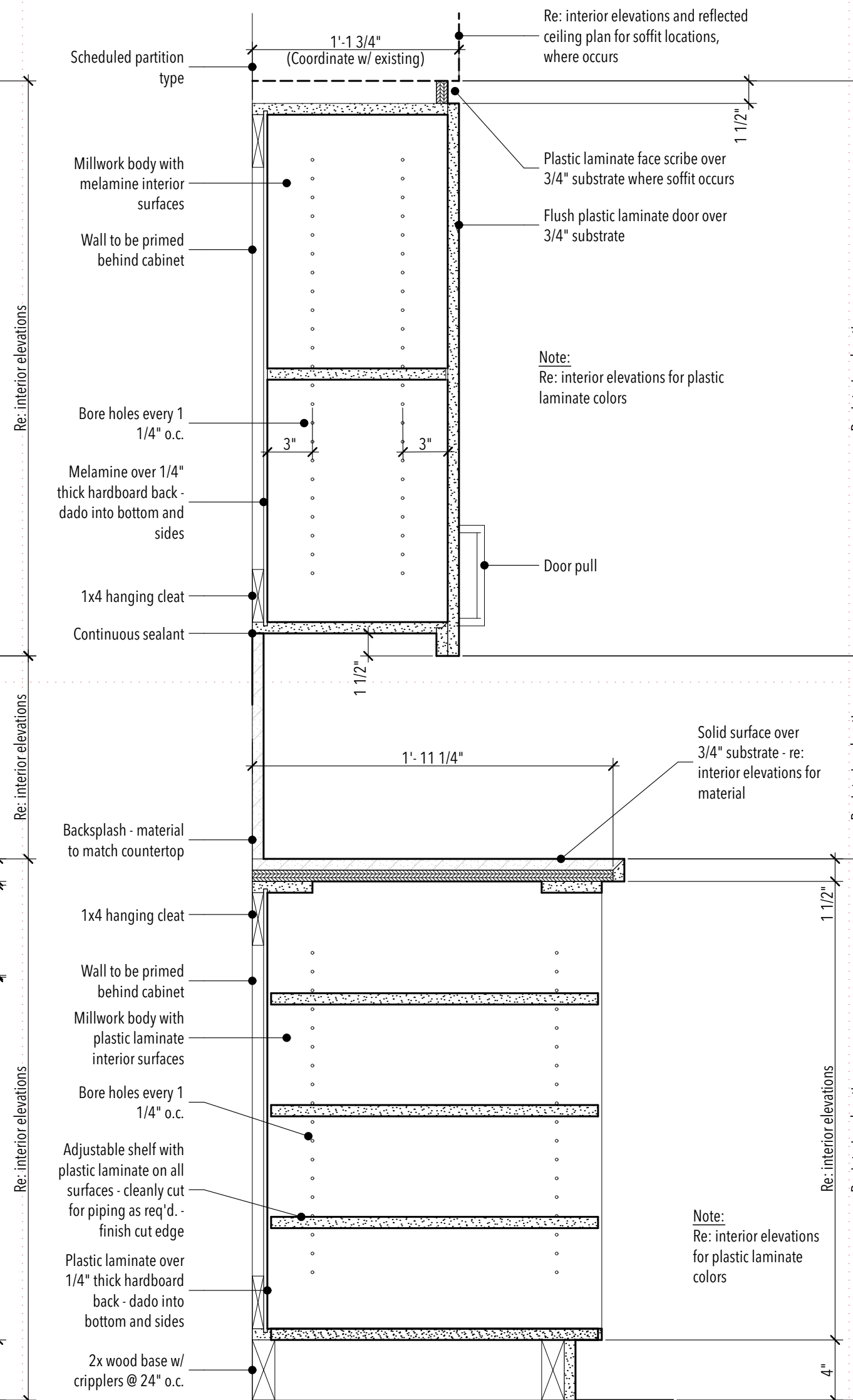
1 1/2"= 1'-0"



06 1 1/2"= 1'-0"



07 1 1/2" = 1'-0"



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08
1 1/2" = 1'-0"





GENERAL SIGNAGE NOTES:

1. All signs shall meet Chapter 7 of ANSI 117.1 - 2009, and shall include grade 2 braille. Characters and their backgrounds shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.
2. All sanitary facilities must be identified, including international symbol of accessibility, pictograms and braille.
3. All assembly occupancies shall have occupant load posted near the main exit or exit access doorway.

SIGNAGE PLACEMENT LEGEND:

1. Typical sign height is shown. Architect shall field verify sign locations when conflicts with devices occur.
2. Signs with tactile characters shall be permitted on the push side of doors with closers and without hold open devices.
3. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf.



01

$$6'' = 1'-0''$$


02

$$6'' = 1'-0''$$

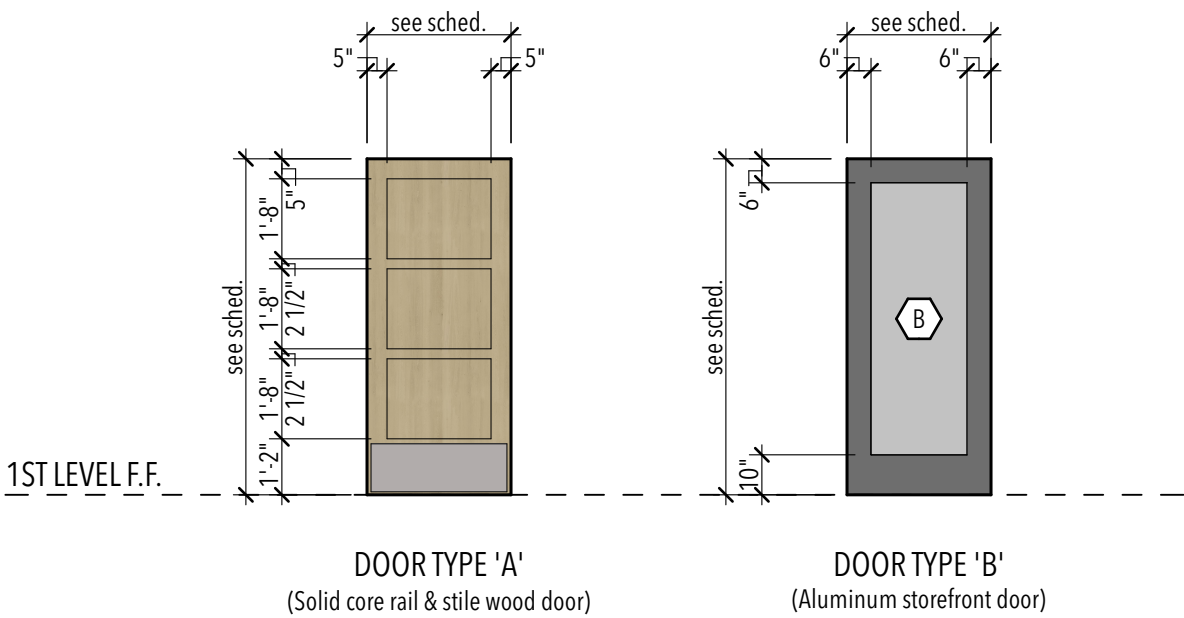

## A8.1

[illegible]

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150



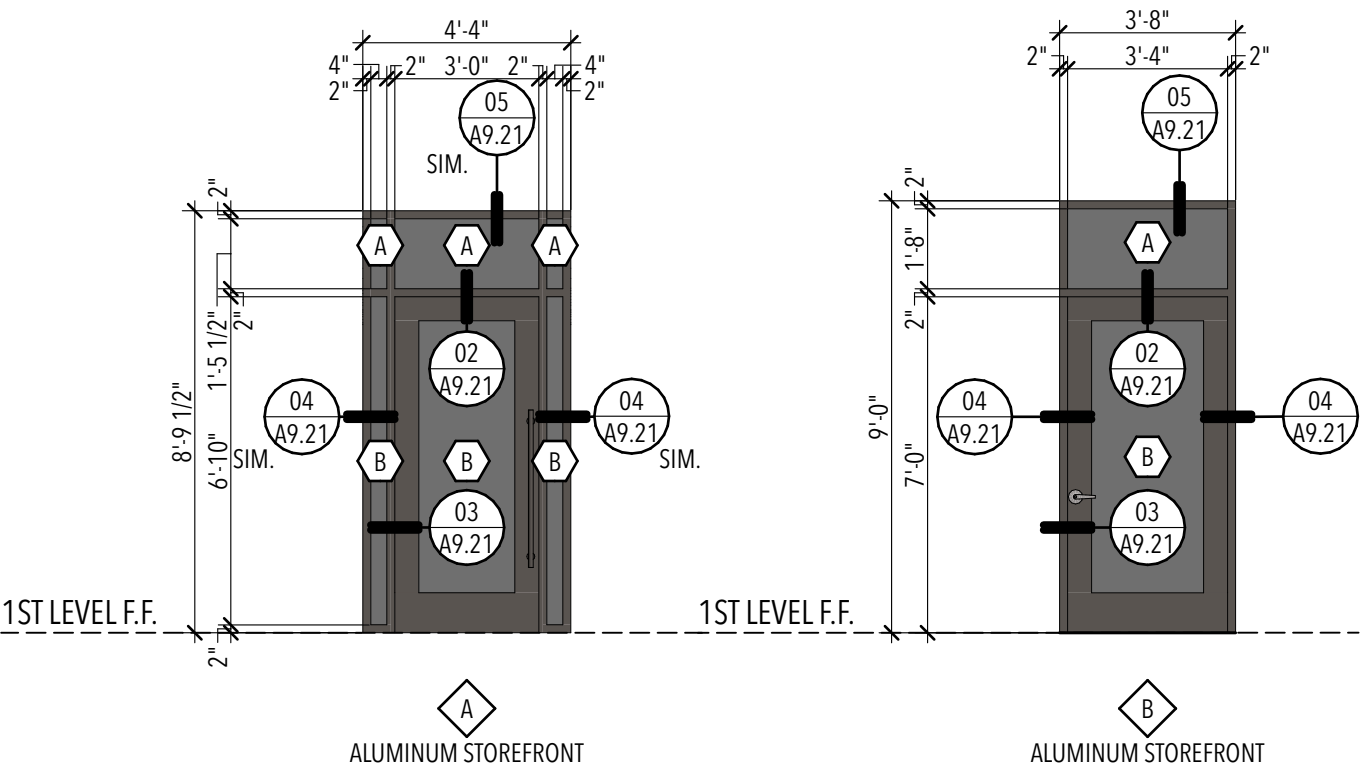
DOOR SCHEDULE																			
NO.	ID	ROOM NAME	DOOR							WALL WIDTH	FRAME				DETAILS			HDWR.	REMARKS
			WIDTH x HEIGHT	THICK.	TYPE	CONST.	FINISH	GLASS	RATING		WIDTH	TYPE	CONST.	FINISH	HEAD	JAMB	SILL		
101	A	OFFICE	3'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
103	A	OFFICE	3'-0"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
103	B	OFFICE	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	6 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
104	A	STORAGE	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	6 1/2"	EXISTING	-	-	PAINT	-	-	-	2	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
105	A	HALLWAY	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
106	A	HALLWAY	3'-0"×7'-0"	1 3/4"	B	AL	ANODIZED	B	-	1'-0 5/8"	4 1/2"	-	AL	ANODIZED	-	-	-	1	
107	A	OFFICE	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	6"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
107	B	OFFICE	2'-9"×7'-0"	1 3/4"	B	AL	ANODIZED	B	-	1'-0 5/8"	4 1/2"	-	AL	ANODIZED	-	-	-	1	
108	A	BREAK ROOM	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
108	B	BREAK ROOM	2'-9"×7'-0"	1 3/4"	B	AL	ANODIZED	B	-	1'-0 5/8"	4 1/2"	-	AL	ANODIZED	-	-	-	1	
110	A	OFFICE	2'-8"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
111	A	RESTROOM	3'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	5	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
111	B	RESTROOM	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	6 1/2"	EXISTING	-	-	PAINT	-	-	-	6	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
111	C	RESTROOM	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	6 1/2"	EXISTING	-	-	PAINT	-	-	-	6	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
112	A	OFFICE	2'-8"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
112	B	OFFICE	3'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	10 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
113	A	HALLWAY	3'-4"×7'-0"	1 3/4"	B	AL	ANODIZED	B	-	1'-0 5/8"	4 1/2"	-	AL	ANODIZED	-	-	-	1	
115	A	OFFICE	3'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
116	A	OFFICE	3'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
117	A	OFFICE	3'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
118	A	STORAGE	3'-0"×7'-0"	1 3/4"	A	WD	PAINT	-	-	5 1/4"	EXISTING	-	-	PAINT	-	-	-	2	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
119	A	STORAGE	3'-0"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	2	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
121	A	ENTRY	3'-0"×7'-0"	1 3/4"	B	AL	ANODIZED	B	-	1'-0 5/8"	4 1/2"	-	AL	ANODIZED	-	-	-	AL1	
122	A	RESTROOM	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	6	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
123	A	OFFICE	3'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	4	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
123	B	OFFICE	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	5 3/4"	EXISTING	-	-	PAINT	-	-	-	2	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
124	A	JANITOR	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	2	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
125	A	STORAGE	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	7 1/2"	EXISTING	-	-	PAINT	-	-	-	2	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
126	A	STORAGE	2'-6"×7'-0"	1 3/4"	A	WD	PAINT	-	-	6 3/4"	EXISTING	-	-	PAINT	-	-	-	2	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.
127	A	STORAGE	3'-0"×7'-0"	1 3/4"	A	WD	PAINT	-	-	6 3/4"	EXISTING	-	-	PAINT	-	-	-	2	Install new door leaf in existing wood frame. Coordinate hinge locations & hardware with existing frame. Paint door, existing door frame and transom panel.



DOOR & FRAME ELEVATIONS

01

1/4" = 1'-0"



OPENING ELEVATIONS

02

1/4" = 1'-0"

DOOR & FRAME NOTES:

- Material and system abbreviations:  
WD = Wood  
AL = Aluminum  
ST = Storefront
- See specifications for hardware group definition.
- General Contractor to coordinate work between the door installer and security system installer.
- Where a door is shown on the floor plans but is not numbered and/or does not appear in the door schedule, the following door and hardware are to be bid for this opening: door type: A; hardware type: 1.
- All door dimensions are to rough openings.
- The Contractor shall provide door hardware to accommodate door swings as indicated on the Annotated Floor Plan sheet A1.1.
- All hardware and fasteners shall be finished to match US26D U.N.O.
- The Contractor shall be responsible to coordinate the door hardware installation throughout the project to ensure consistent installations by each contractor.
- All new locksets shall be keyed to match the Owner's existing keying system - coordinate with owner.

WINDOW NOTES:

- All aluminum frames shall have standard manufacturer's 3-coat PVDF Fluoropolymer paint finish. Color shall match existing storefront system.
- Provide 3 beads of sealant at the head and jambs and 2 beads of sealant at the sill of all exterior aluminum frames.
- All window dimensions are to exterior F.O. frame, not to rough openings.
- Provide square glazing stops at all glazing systems.
- The glazing contractor shall be responsible to field verify all dimensions prior to purchasing or fabricating any glazing system components.
- Re: Door and Frame Elevations for glazing designations at doors.
- Overall aluminum frame dimensions are given for reference - refer to window details for jamb and sill conditions. Overall dimensions are to be field verified.

DOOR HARDWARE SCHEDULE:

GROUP 1 - Exterior Storefront Door (Single):  
(1) 3-point lock mechanism  
(1) Cylinder lock  
(2) Pulls; Manufacturer: Rockwood; Item: RM2540 - Softmet - Offset Pull - Flat Ends; Finish: US26D (1 1/4" diameter x 30" long)  
(2) Push bars; Match pulls  
(1) Continuous bottom sweep and weather stripping  
(2) Continuous hinges; Roton or equivalent; color to match door finish  
(1) Closer (install at interior); LCN 4010/4110 series; Provide with manufacturer's integral overhead door stop; satin nickel US26D  
(1) Threshold  
(1 set) Weatherstripping  
(1) Vinyl sign that states "This Door to Remain Unlocked During Business Hours".

GROUP 1 - Exterior Doors:  
(1) Continuous hinge; Roton or equivalent; color to match door finish  
(1) Lockset; Schlage Jupiter Series (Storeroom lock); satin nickel US26D  
(1) Closer LCN 4010/4110 Series; provide with manufacturer's integral overhead door stop; satin nickel US26D  
(1) Threshold  
(1 set) Weatherstripping  
(1) Vinyl sign that states "this door to remain unlocked durning business hours".

GROUP 2 - Storage / Janitor:  
(3) Pair hinges; TA2714 4.5X4; satin nickel US26D  
(1) Lockset; Schlage Jupiter Series (Storeroom lock); satin nickel US26D  
(1) Door stop (floor or wall); Rockwood wall mounted door stop; 406; satin nickel US26D  
(1) Kick plate (color to match door hardware); push side only.

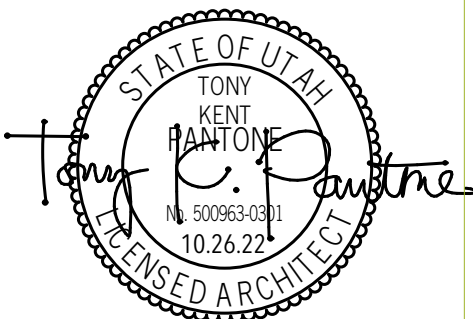
GROUP 3 - Private Office:  
(3) Pair hinges; TA2714 4.5X4; satin nickel US26D  
(1) Lockset; Schlage Jupiter Series (Office lock); satin nickel US26D  
(1) Door stop (floor or wall); Rockwood wall mounted door stop; 406; satin nickel US26D  
(1) Kick plate (color to match door hardware); push side only.

GROUP 4 - Office:  
(3) Pair hinges; TA2714 4.5X4; satin nickel US26D  
(1) Lockset; Schlage Jupiter Series (Passage lock); satin nickel US26D  
(1) Door stop (floor or wall); Rockwood wall mounted door stop; 406; satin nickel US26D  
(1) Kick plate (color to match door hardware); push side only.

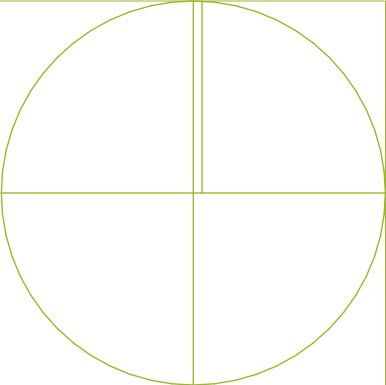
GROUP 5 - Restroom (Multi-Use):  
(3) Pair hinges; TA2714 4.5X4; satin nickel US26D  
(1) Pull bar; manufacturer: Rockwood; Item RM3301 - Megatek - straight pull - flat ends; finish: US26D 9 1 1/4" diameter x 24" length)  
(1) Push bar; match pull  
(1) Closer (install in room); LCN 4010/ 4110 series; satin nickel US26D  
(1) Door stop; Rockwood wall mounted door stop; 406; satin nickel US26D  
(1) Kick plate (color to match door hardware); push side only

GROUP 6 - Restroom (Unisex):  
(3) Pair hinges; TA2714 4.5X4; satin nickel US26D  
(1) Latchset; Schlage Jupiter Series (Privacy lock); satin nickel US26D  
(1) Door stop; Rockwood wall mounted door stop; 406; satin nickel US26D  
(1) Kick plate (color to match door hardware); push side only

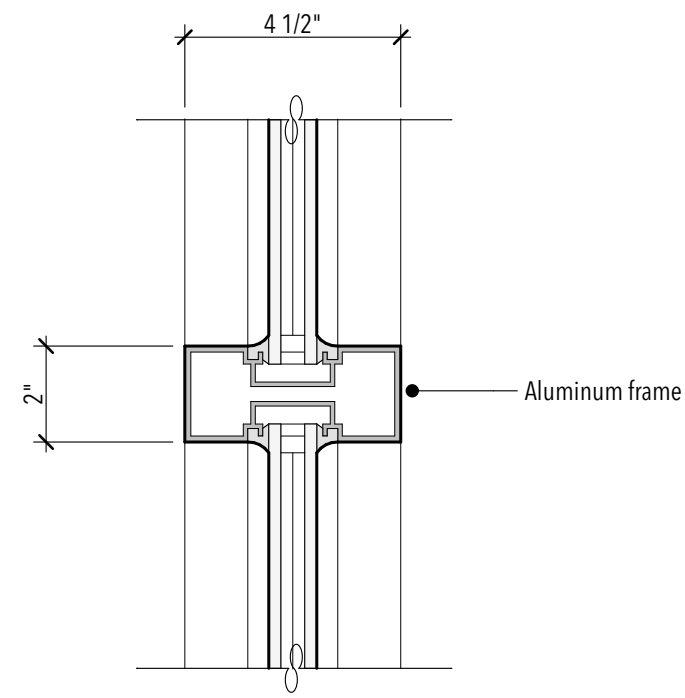
GLAZING TYPE LEGEND	
MARK	DESCRIPTION
A	1" thick insulated glass
B	1" thick insulated glass, tempered both lites



NO.	DATE	DESCRIPTION



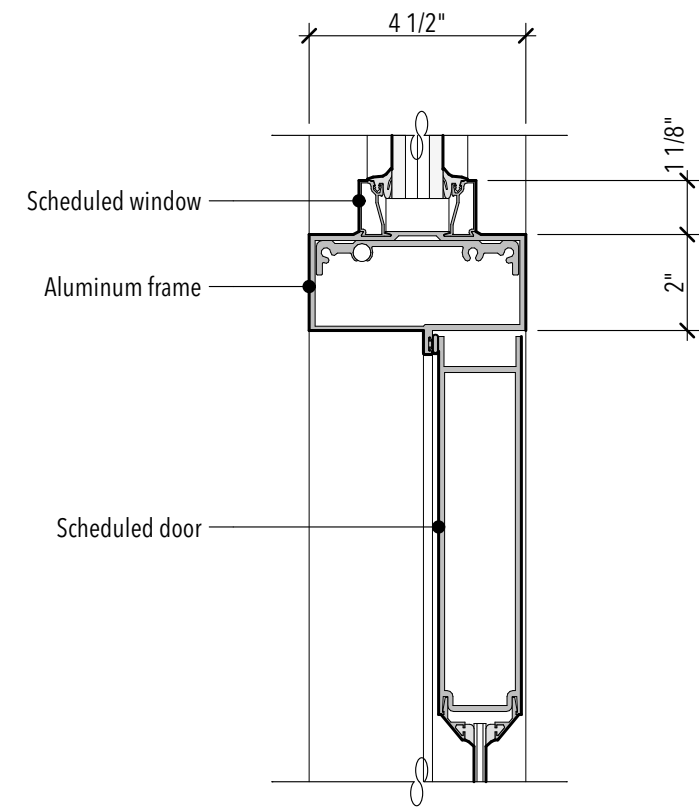




JAMB/MULLION DETAIL

01

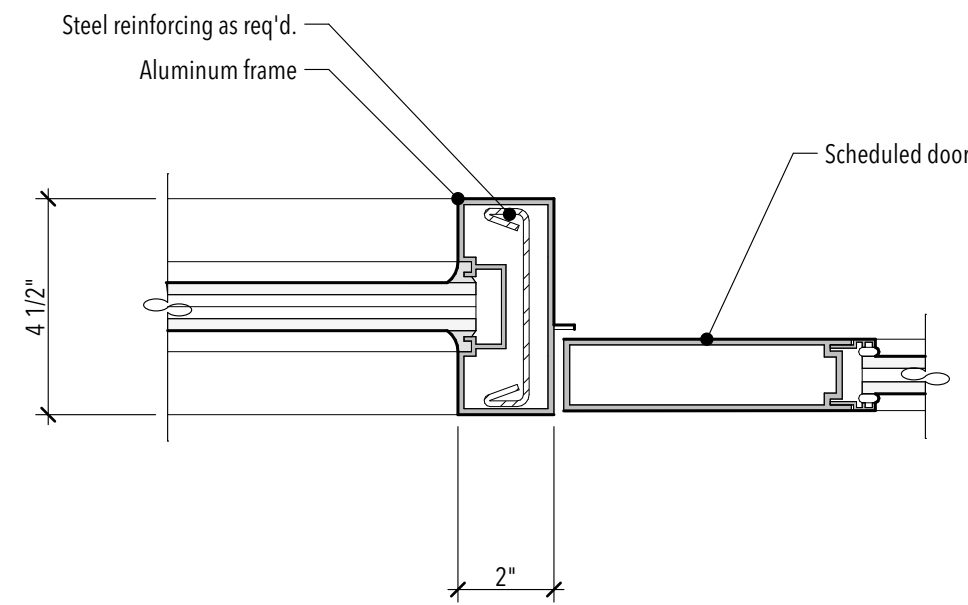
3" = 1'-0"



HEAD DETAIL

02

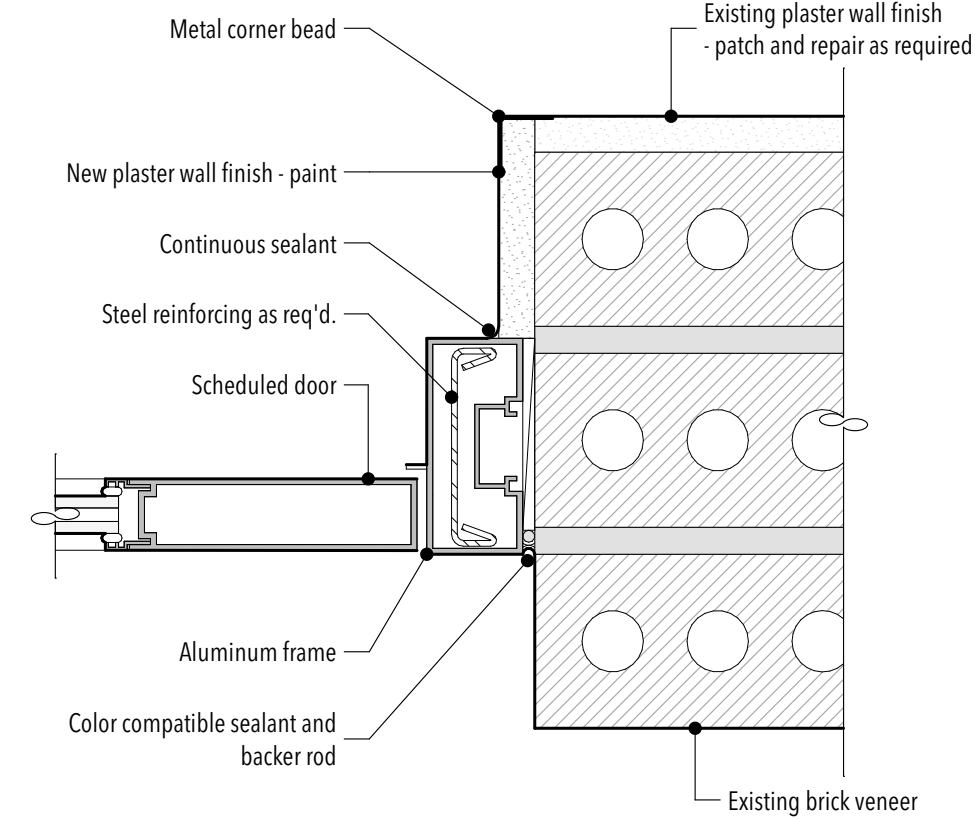
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JAMB DETAIL

03

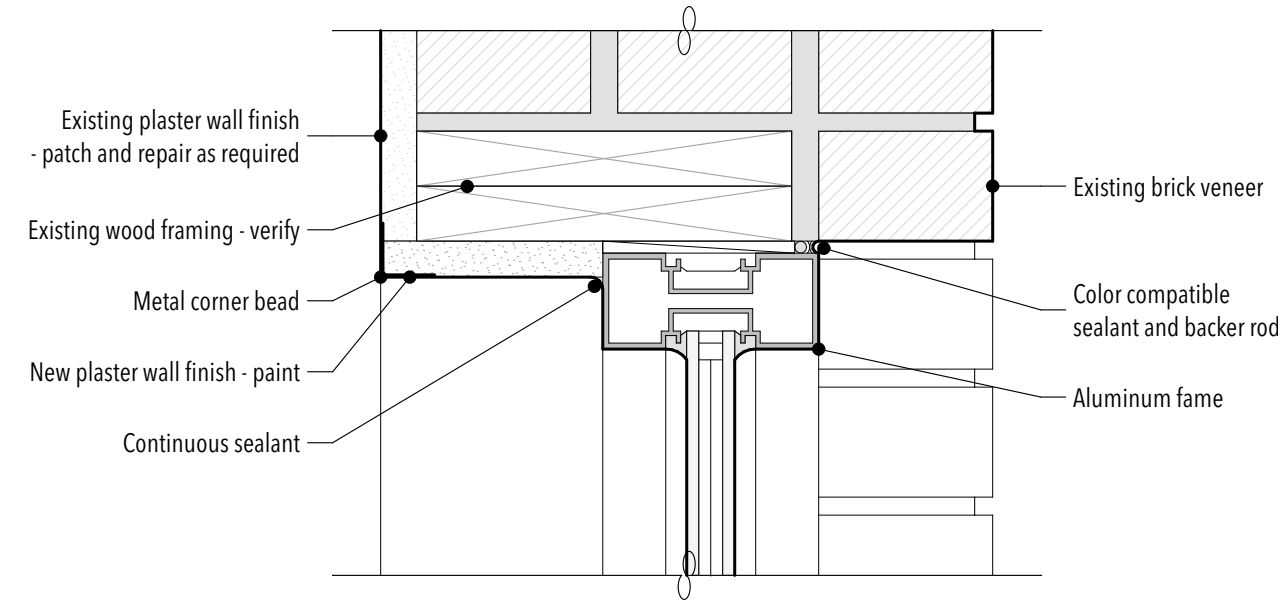
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JAMB DETAIL @ MASONRY WALL

04

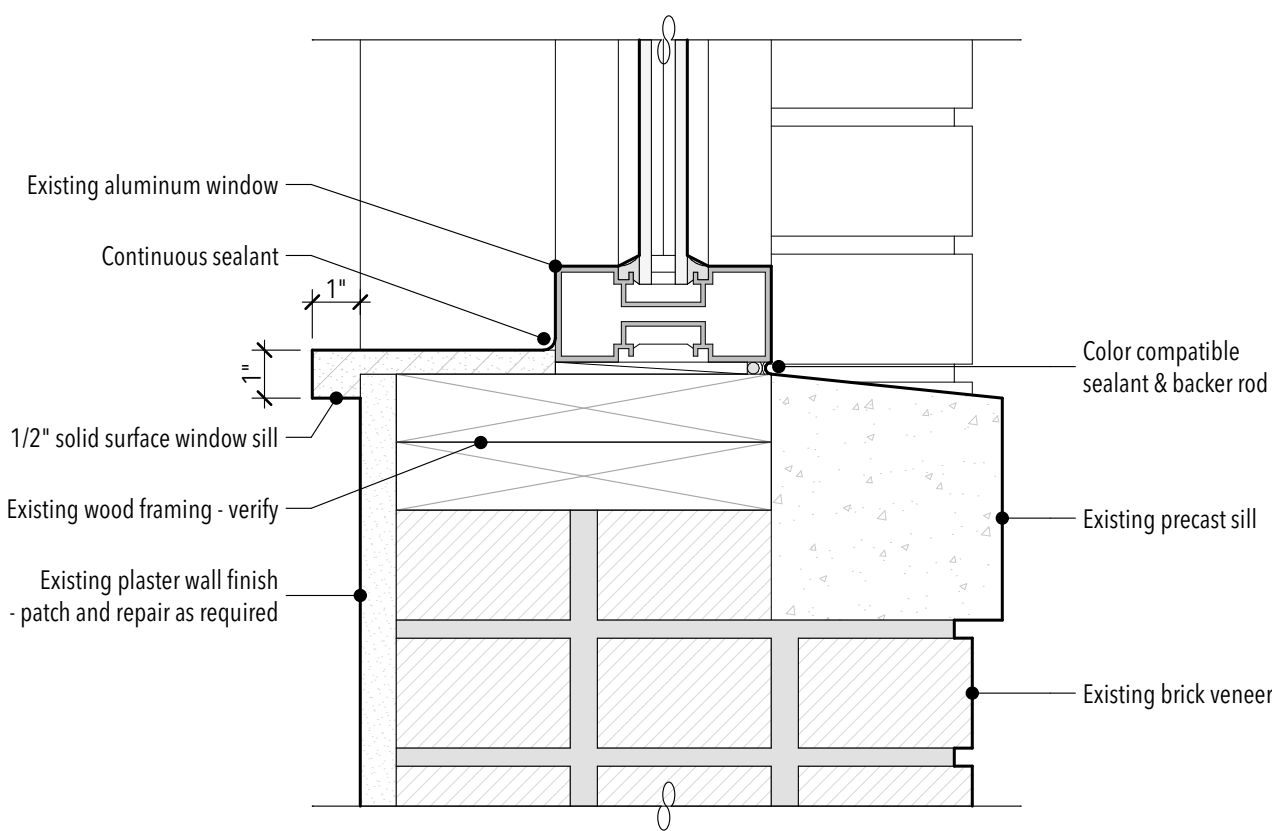
3" = 1'-0"



HEAD DETAIL @ MASONRY WALL

05

3" = 1'-0"

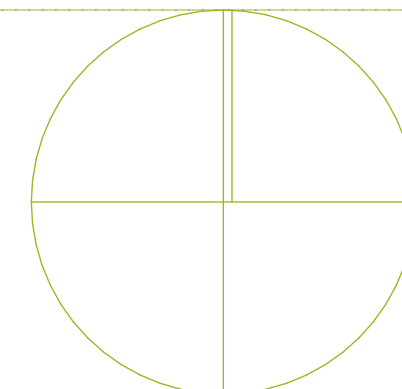


DETAIL @ WINDOW SILL

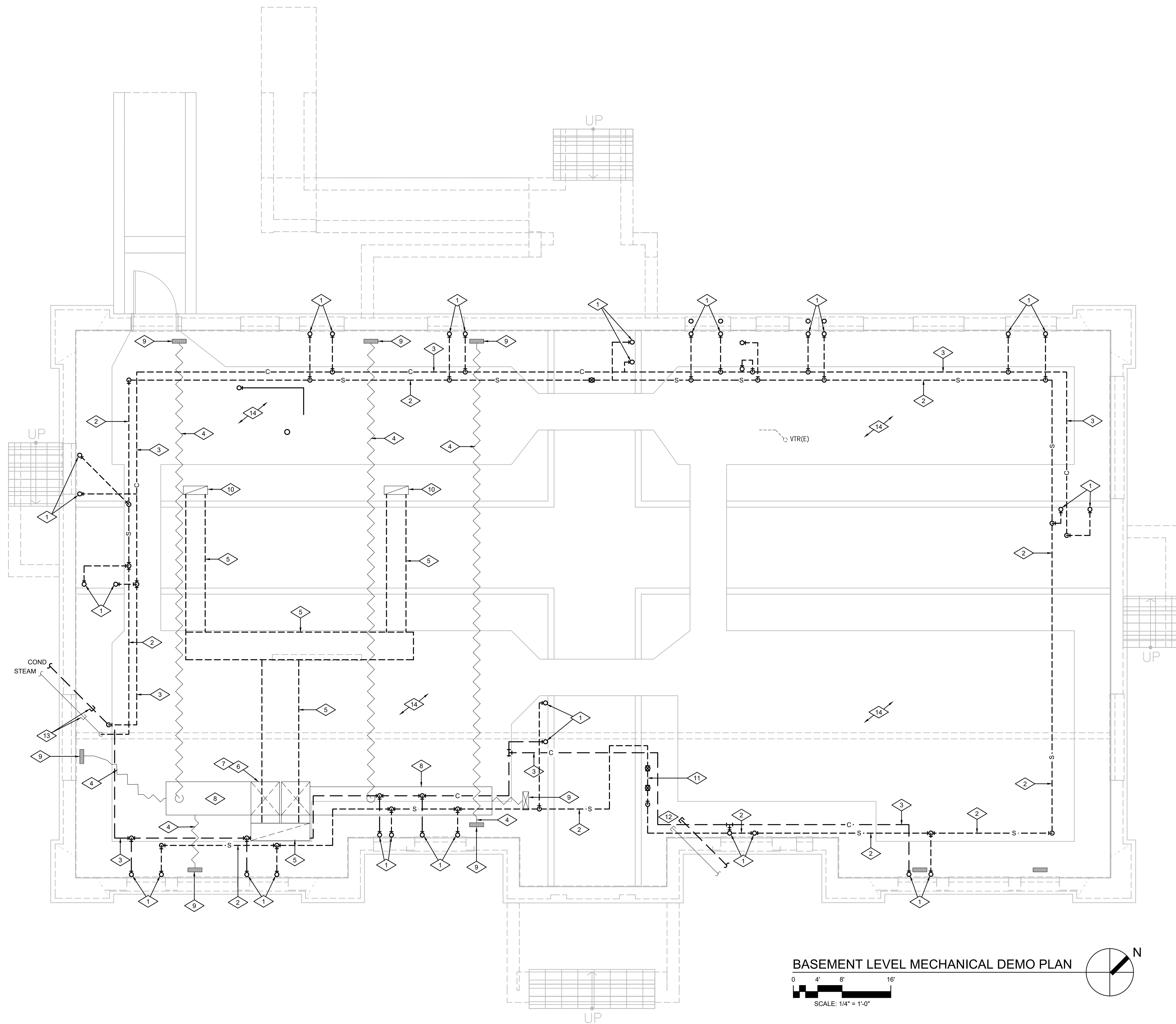
06

3" = 1'-0"

NO.	DATE	DESCRIPTION



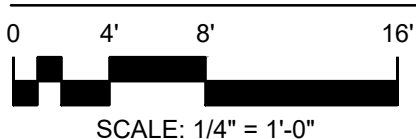




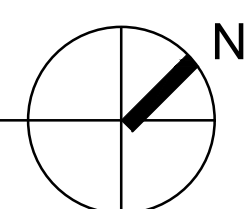
REFERENCE NOTES

- 1 REMOVE EXISTING STEAM AND CONDENSATE BRANCH PIPING TO STEAM RADIATOR COMPLETE. REMOVE ALL ASSOCIATED STEAM VALVES, CONDENSATE TRAPS AND PIPE SUPPORTS.
- 2 REMOVE EXISTING STEAM MAIN COMPLETE. REMOVE ALL ASSOCIATED PIPE SUPPORTS.
- 3 REMOVE EXISTING CONDENSATE MAIN COMPLETE. REMOVE ALL ASSOCIATED PIPE SUPPORTS.
- 4 REMOVE FLEXIBLE S.A. DUCT FROM JOIST SPACE COMPLETE.
- 5 REMOVE R.A. DUCT COMPLETE.
- 6 REMOVE EXISTING WATER COOLED AC UNIT COMPLETE. REMOVE AND SALVAGE REFRIGERANT. REMOVE ALL ASSOCIATED DUCTWORK AND SUPPORTS.
- 7 REMOVE ALL ASSOCIATED WATER AND DRAINS LINES TO AC UNIT.
- 8 REMOVE EXISTING S.A. DUCT MAIN. REMOVE ALL DUCT SUPPORTS.
- 9 REMOVE EXISTING S.A. REGISTER. SEE DWG M100 FOR NEW WORK REQUIRED.
- 10 REMOVE EXISTING R.A. BOOT. SEE DWG M100 FOR NEW WORK REQUIRED.
- 11 REMOVE EXISTING STEAM CONTROL VALVES COMPLETE. REMOVE ALL ACTUATORS AND CONTROL WIRING.
- 12 EXISTING ABANDONED STEAM MAIN AND CONDENSATE MAIN. NO WORK REQUIRED.
- 13 EXISTING STEAM AND CONDENSATE LINES. CUT AND CAP STEAM AND CONDENSATE MAINS NEAR WALL PENETRATION. REMOVE ALL STEAM AND CONDENSATE PIPING DOWNSTREAM.
- 14 REMOVE ALL ABANDONED, NON-FUNCTIONAL AND DISCONNECTED PIPING THAT IS NOT REUSED AS PART OF THE NEW WORK.

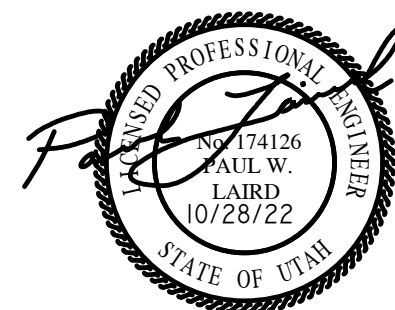
BASEMENT LEVEL MECHANICAL DEMO PLAN



SCALE: 1/4" = 1'-0"



STUDIO 333 ARCHITECTS  
333 24TH STREET  
OGDEN, UT 84401  
801.394.3033



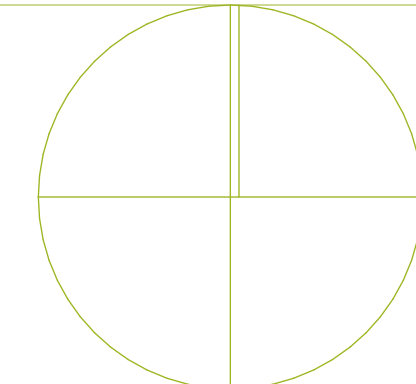
OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

OLSEN & PETERSON  
consulting engineers, inc.

14 East 2700 South, Salt Lake City, UT 84115  
Phone: (801) 486-4646 Fax: (801) 467-2531

NO.	DATE	DESCRIPTION

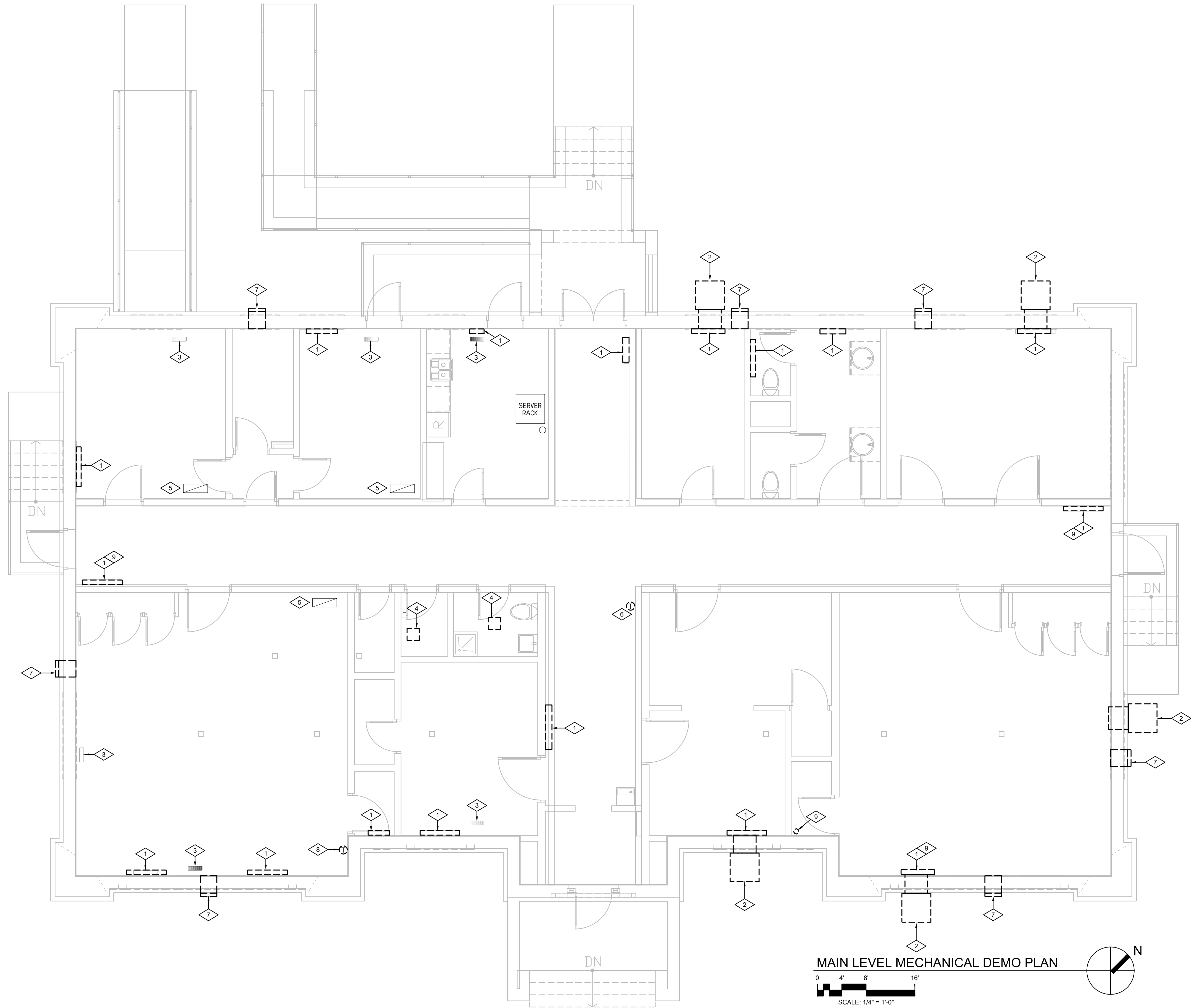
PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150



MECHANICAL DEMO

MD100

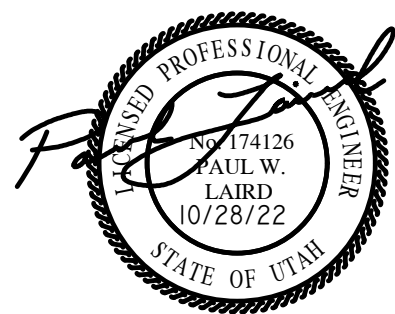




REFERENCE NOTES

- 1 REMOVE EXISTING STEAM RADIATOR COMPLETE. REMOVE ALL CONTROLS AND STEAM PIPING. PATCHING AND REPAIR OF WALL OR FLOOR BY OTHERS.
- 2 REMOVE EXISTING EVAPORATIVE COOLER COMPLETE.
- 3 EXISTING FLOOR REGISTER TO BE REMOVED AND REPLACED. SEE DRAWING M101 FOR NEW WORK.
- 4 REMOVE EXISTING CEILING VENT COMPLETE. REMOVE ALL ASSOCIATED DUCTWORK.
- 5 EXISTING FLOOR RETURN AIR GRILLE TO BE REMOVED AND REPLACED. SEE DRAWING M101 FOR NEW WORK.
- 6 REMOVE EXISTING STEAM RADIATOR THERMOSTAT. REMOVE ALL ASSOCIATED WIRING AND CONTROLS.
- 7 EXISTING FOUNDATION VENT. INFILL FOUNDATION WALL VENT OPENING WITH 2 INCH THICK WATERPROOF POLYISO INSULATION BOARD. CAP INFILLED OPENING ON INTERIOR SIDE WITH GALVANIZED SHEET METAL CAP AND SEAL AIRTIGHT. SEE DETAIL 2/M503.
- 8 REMOVE EXISTING THERMOSTAT SERVING AIR CONDITIONING UNIT IN BASEMENT. REMOVE ALL ASSOCIATED CONTROLS AND WIRING.
- 9 REMOVE EXISTING ABANDONED STEAM AND CONDENSATE PIPING COMPLETE. PATCHING AND REPAIR OF WALL OR FLOOR BY OTHERS (TYP).

STUDIO 333 ARCHITECTS  
333 24TH STREET  
OGDEN, UT 84401  
801.394.3033



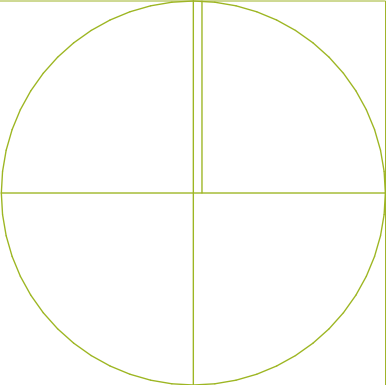
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14 East 2700 South, Salt Lake City, UT 84115  
Phone: (801) 486-4646 Fax: (801) 467-2531

NO.	DATE	DESCRIPTION

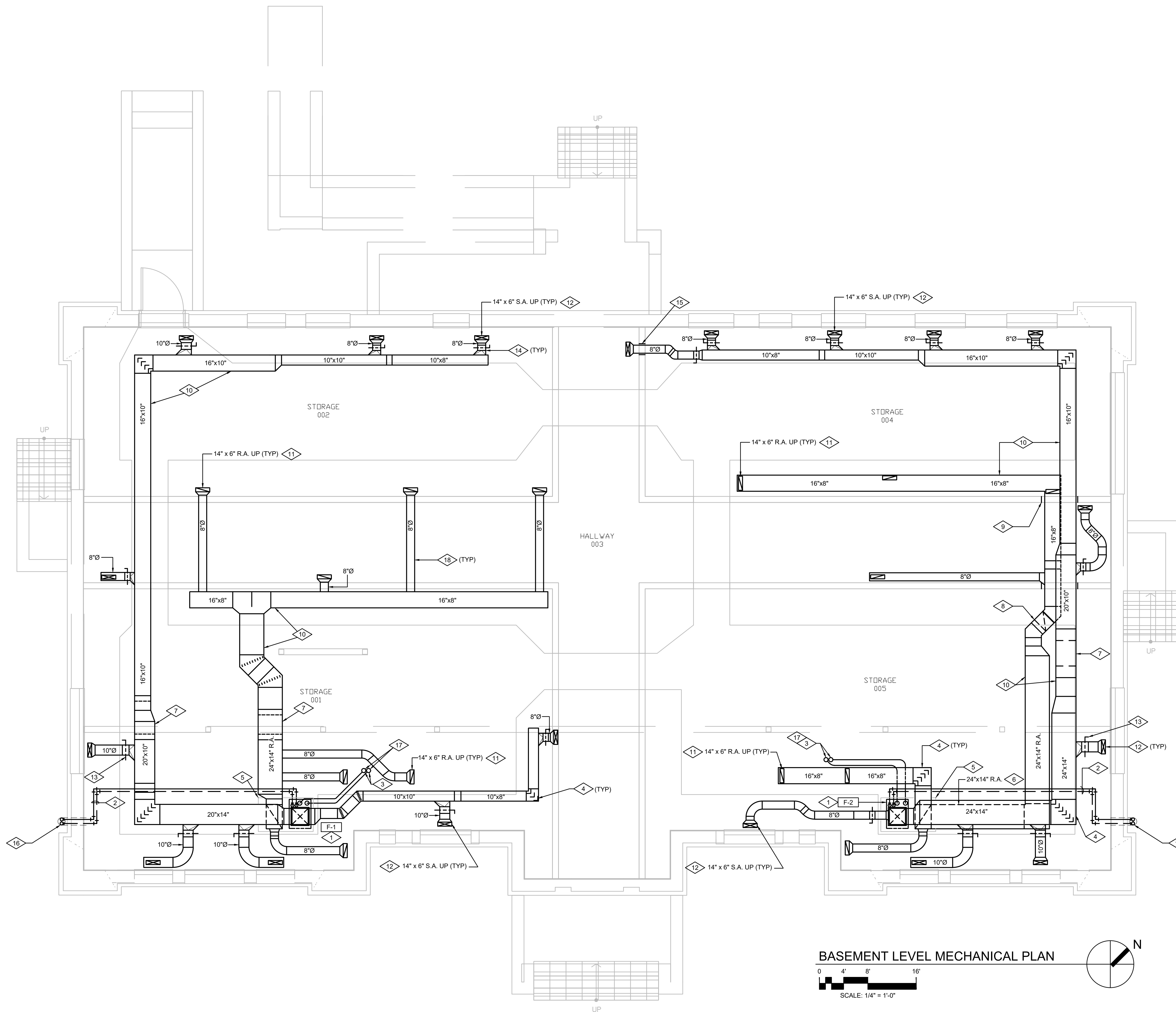
PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150



MECHANICAL DEMO

MD101

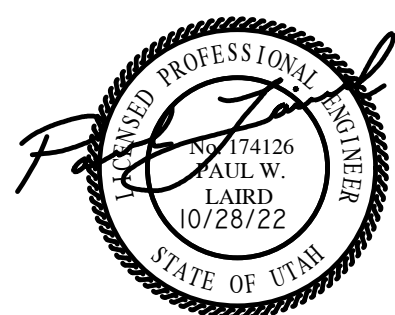
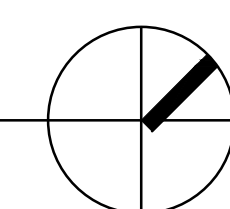
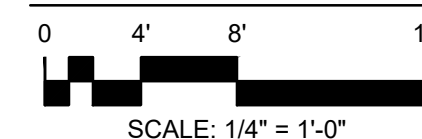




## REFERENCE NOTES

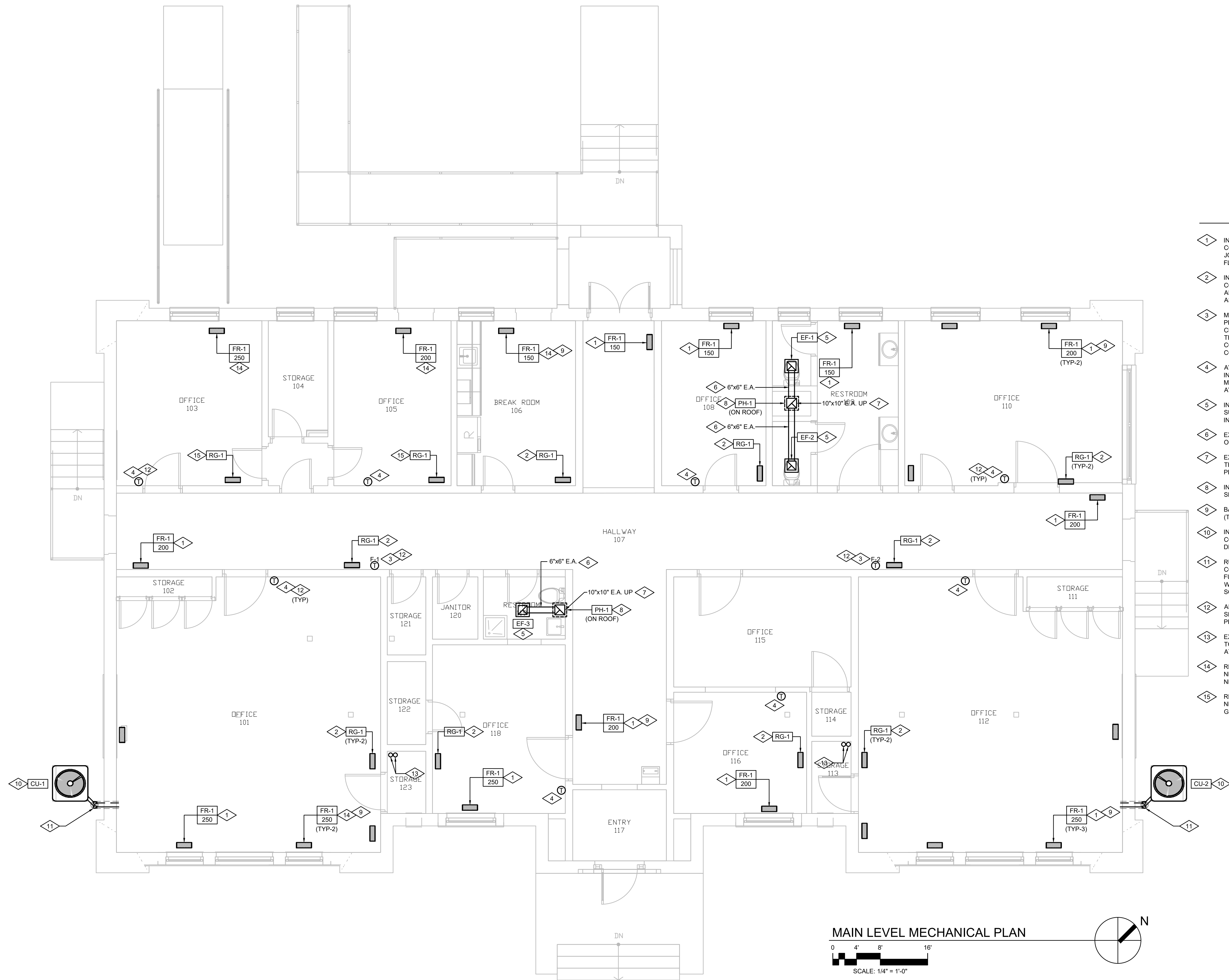
- 1 INSTALL NEW FURNACE AND COOLING COIL IN THIS LOCATION. MOUNT FURNACE ON 8" HIGH PLENUM. SEE DETAIL 1/M502.
- 2 RUN NEW REFRIGERANT SUCTION AND LIQUID LINES CLOSE TO STRUCTURE. COORDINATE ROUTING WITH DUCTWORK AND LIGHTING. SEE PIPING SUPPORT DETAILS 2/M501 AND 8/M501.
- 3 EXTEND 3" SCH 40 PVC C.A. & FLUE PIPES FROM FURNACE TO ROOF. PROVIDE CONCENTRIC FLUE TERMINATION KIT AT ROOF. SEE DETAIL 6/M501.
- 4 PROVIDE TURNING VANES AT EACH DUCT ELBOW (TYP)
- 5 PROVIDE 12" HIGH LINED R.A. BASE FOR FURNACE. SEE DETAIL 8/M502.
- 6 RUN R.A. DUCT UNDER S.A. DUCT.
- 7 WHERE REQUIRED, OFFSET DUCTWORK BELOW EXISTING BEAMS AND OTHER OBSTRUCTIONS (TYP).
- 8 DROP DUCT DOWN AND RUN UNDER S.A. AIR DUCT THROUGH WALL OPENING. COORDINATE LOCATION OF DUCT WITH EXISTING WALL OPENING.
- 9 SUPPLY AND RETURN AIR DUCTS TO RUN THROUGH EXISTING WALL OPENINGS. COORDINATE LOCATION OF DUCTWORK PRIOR TO FABRICATION. MAKE ADJUSTMENTS TO DUCTWORK SIZE AS NEEDED TO ACCOMMODATE EXISTING WALL OPENINGS.
- 10 RUN DUCTWORK HIGH CLOSE TO STRUCTURE. COORDINATE LOCATION WITH ELECTRICAL AND PLUMBING TRADES.
- 11 PROVIDE RETURN AIR DUCT BOOT TO FLOOR GRILLE ABOVE. SAWCUT EXISTING FLOOR AS NEEDED (TYP).
- 12 PROVIDE SUPPLY AIR DUCT BOOT TO FLOOR REGISTER ABOVE (TYP). SAW CUT EXISTING FLOOR AS NEEDED (TYP). SEE DETAIL 1/M503.
- 13 VOLUME DAMPER (TYP).
- 14 HIGH EFFICIENCY 45 DEG TAKE-OFF (TYP)
- 15 CORE DRILL OR SAWCUT EXISTING WALL AS NEEDED TO FACILITATE DUCT INSTALLATION.
- 16 FOR CONTINUATION OF REFRIGERATION PIPING SEE DRAWING M101.
- 17 CORE DRILL EXISTING FLOOR STRUCTURE AS NEEDED FOR COMBUSTION AIR AND FLUE PIPING. FOR CONTINUATION OF FLUE PIPING SEE DRAWING M101.
- 18 RUN DUCT HIGH BETWEEN FLOOR JOISTS.

BASEMENT LEVEL MECHANICAL PLAN



NO.	DATE	DESCRIPTION

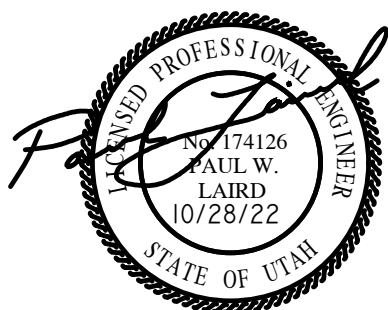




REFERENCE NOTES

- 1. INSTALL NEW S.A. FLOOR REGISTER WHERE INDICATED. COORDINATE LOCATION OF REGISTER WITH FLOOR JOISTS AND FURNITURE LOCATIONS. SAWCUT EXISTING FLOOR AS NEEDED. SEE DETAIL 1/M503 (TYP).
- 2. INSTALL NEW R.A. FLOOR GRILLE WHERE INDICATED. COORDINATE LOCATION OF GRILLE WITH FLOOR JOISTS AND FURNITURE LOCATIONS. SAWCUT EXISTING FLOOR AS NEEDED (TYP).
- 3. MASTER THERMOSTAT WITH OVERRIDE. INSTALL PROGRAMMABLE DIGITAL THERMOSTAT WITH AUTOMATIC CHANGE OVER BETWEEN HEATING AND COOLING. MOUNT THERMOSTAT 48 INCHES A.F.F. MAKE ALL REQUIRED CONNECTIONS TO AVERAGING THERMOSTATS FOR A COMPLETE AND FUNCTIONAL CONTROL SYSTEM.
- 4. AVERAGING THERMOSTAT. MOUNT THERMOSTAT 48 INCHES A.F.F. MAKE ALL REQUIRED CONNECTIONS TO MASTER THERMOSTAT TO PROVIDE FOR TEMPERATURE AVERAGING IN SPACES SERVED.
- 5. INSTALL CEILING EXHAUST FAN IN THIS LOCATION. SUPPORT FROM OVERHEAD STRUCTURE. PROVIDE INTEGRAL BACKDRAFT DAMPER. SEE DETAIL 4/M502.
- 6. EXTEND E.A. DUCT OF SIZE INDICATED THROUGH WALL OPENING INTO EXISTING DUCT CHASE.
- 7. EXTEND EXHAUST AIR DUCT OF SIZE INDICATED UP THROUGH EXISTING DUCT CHASE TO ROOF TOP PENTHOUSE.
- 8. INSTALL ROOF TOP PENTHOUSE ON 12" HIGH ROOF CURB. SEE DETAIL 2/M502.
- 9. BALANCE NEW FLOOR REGISTERS TO CFM INDICATED (TYP).
- 10. INSTALL CONDENSING UNIT IN THIS LOCATION. MOUNT CONDENSING UNIT ON 4 INCH HIGH CONCRETE PAD. SEE DETAIL 1/M501.
- 11. RUN REFRIGERATION LIQUID AND SUCTION LINES FROM CONDENSING UNIT THROUGH FOUNDATION WALL TO FURNACE COOLING COIL. PROVIDE CORE DRILL THROUGH WALL AS NEEDED. GROUT PIPE/WALL PENETRATION SOLID.
- 12. ALL TEMPERATURE CONTROL WIRING INSIDE WALLS SHALL BE INSTALLED IN EXISTING WALLS. WHERE NEEDED PROVIDE WIRE MOLD TO CONCEAL CONTROL WIRING.
- 13. EXTEND 3" SCH 40 PVC C.A. & FLUE PIPES FROM FURNACE TO ROOF. PROVIDE CONCENTRIC FLUE TERMINATION KIT AT ROOF. SEE DETAIL 6/M501.
- 14. REMOVE EXISTING FLOOR REGISTER AND REPLACE WITH NEW REGISTER. SAWCUT FLOOR AS NEEDED TO MATCH NEW REGISTER (TYP).
- 15. REMOVE EXISTING FLOOR GRILLE AND REPLACE WITH NEW GRILLE. SAWCUT FLOOR AS NEEDED TO MATCH NEW GRILLE (TYP).

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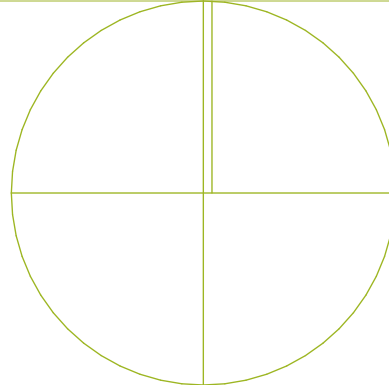
OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT

OLSEN & PETERSON  
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NO.	DATE	DESCRIPTION

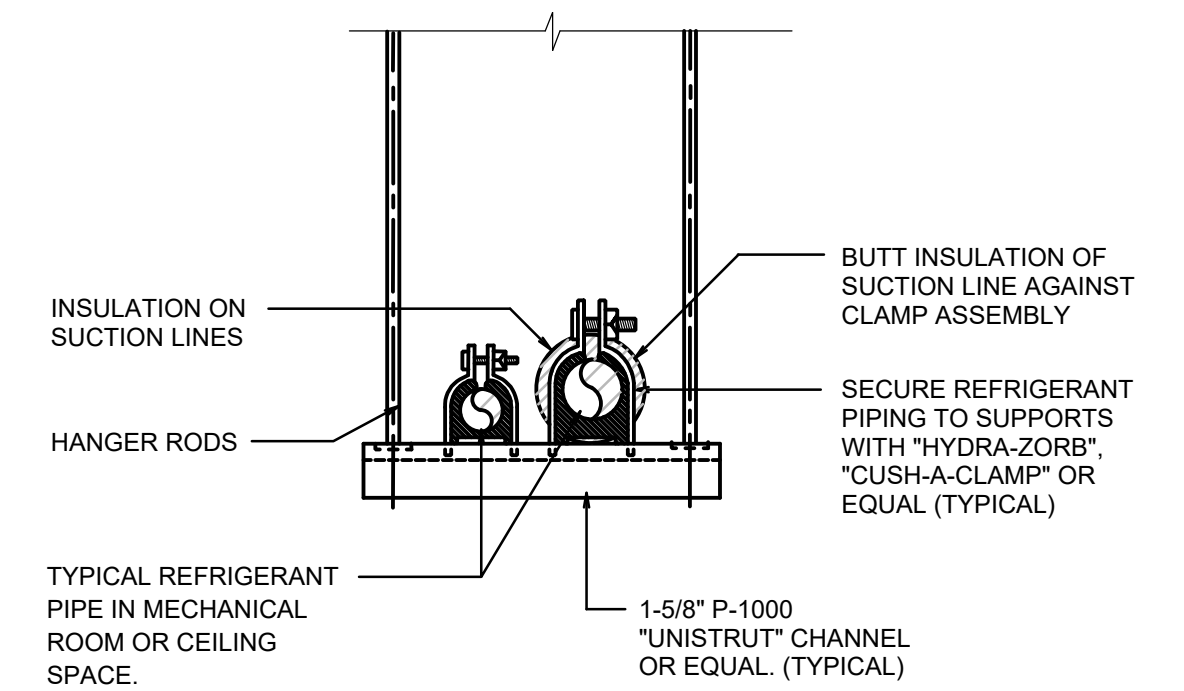
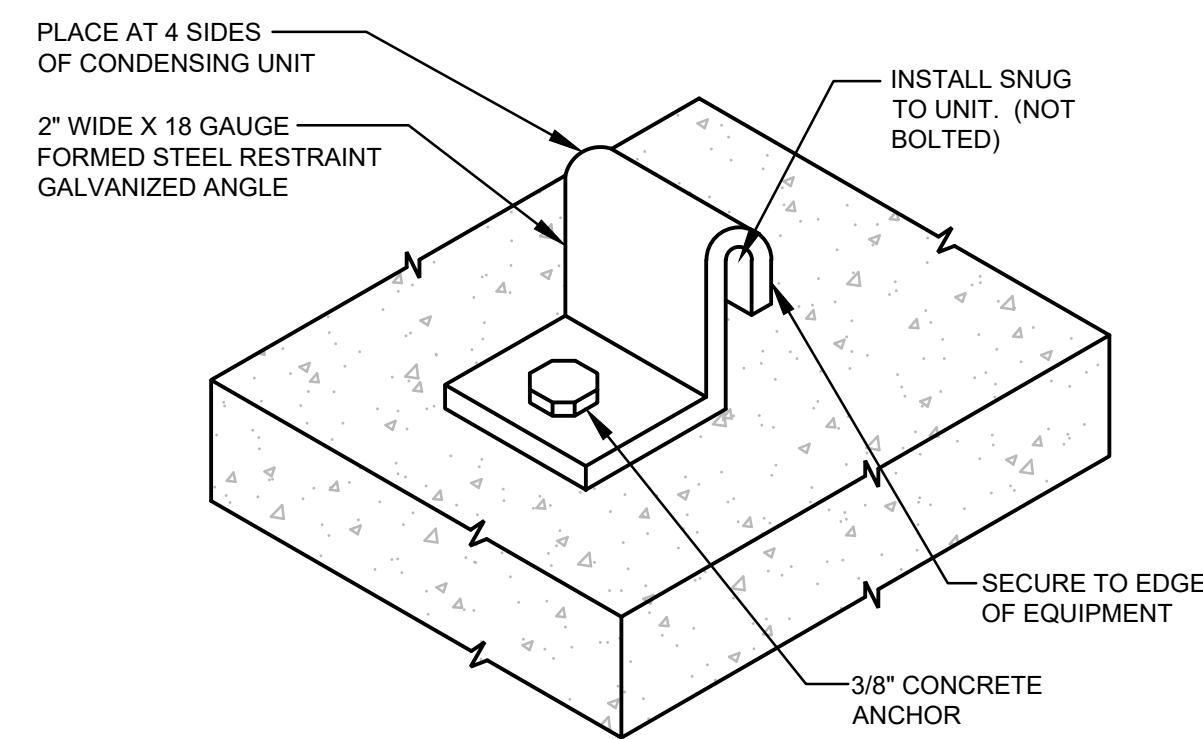
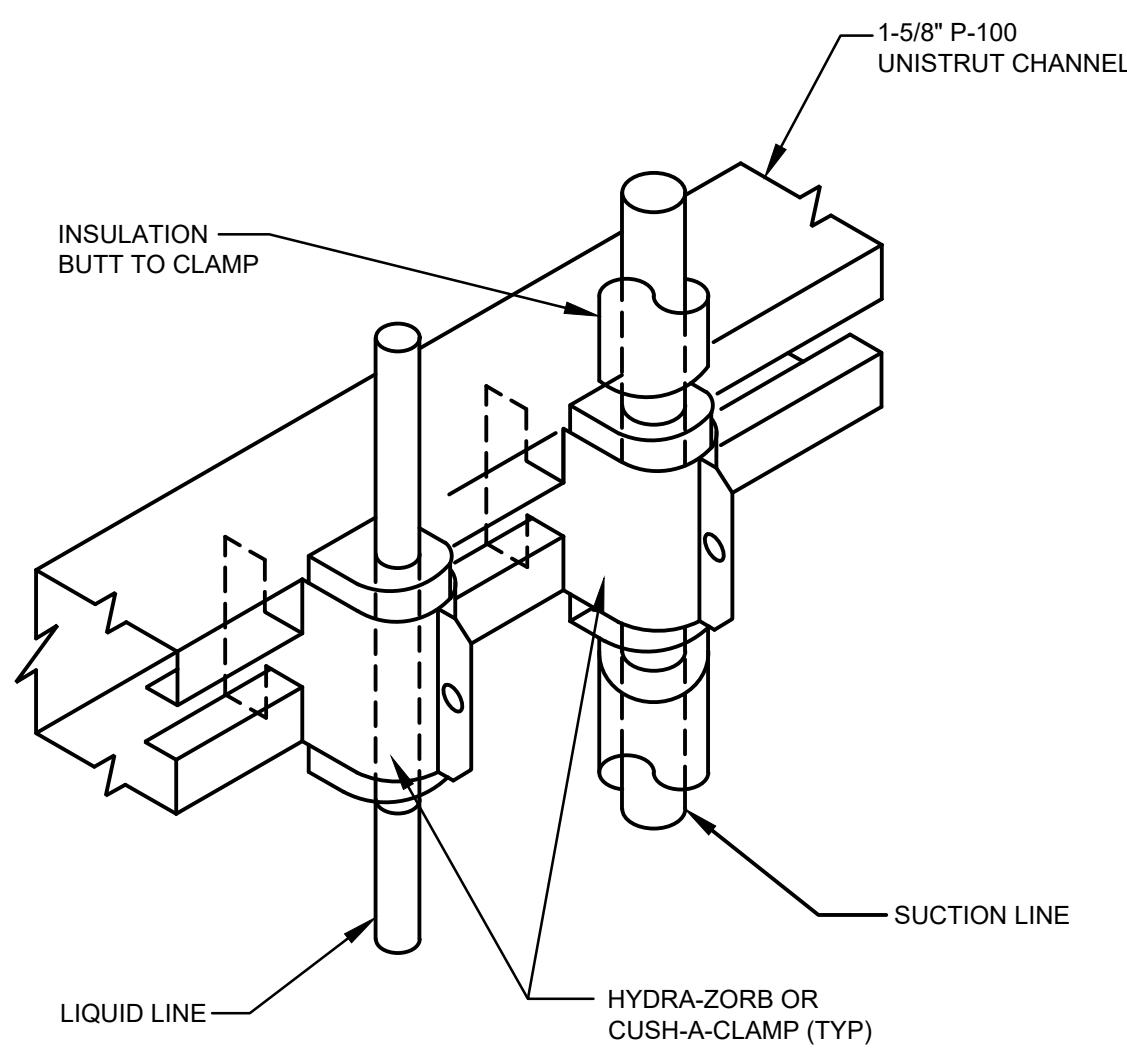
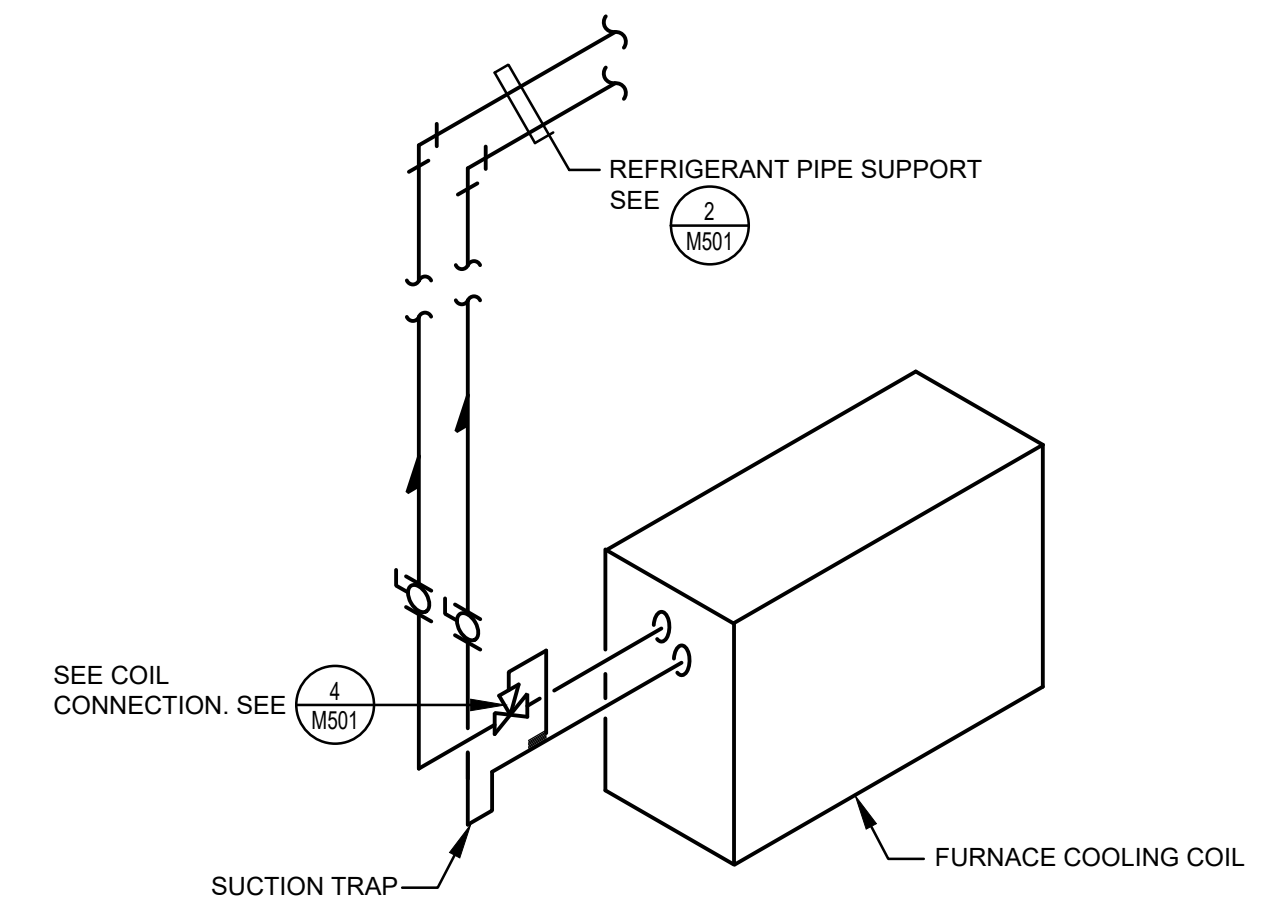
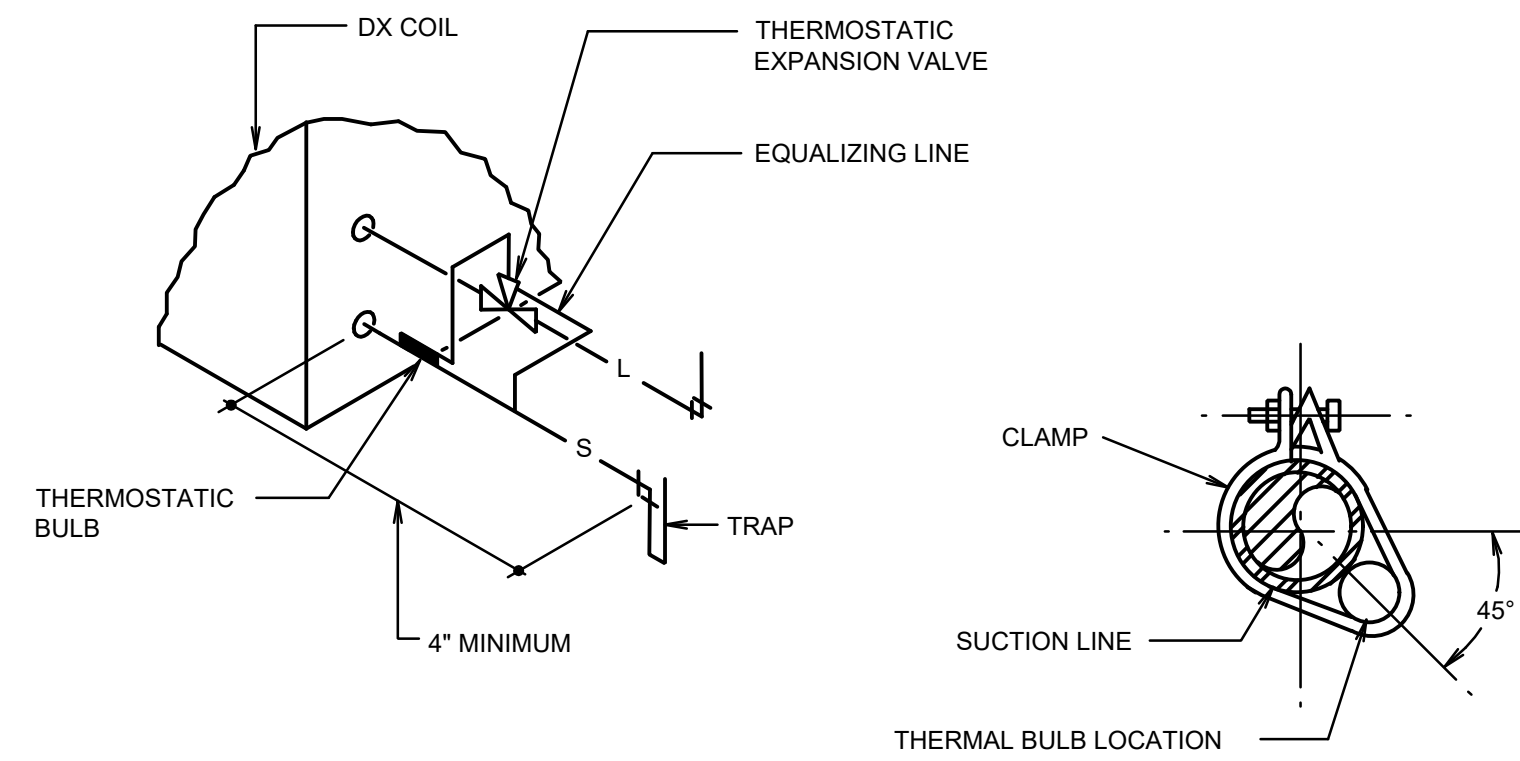
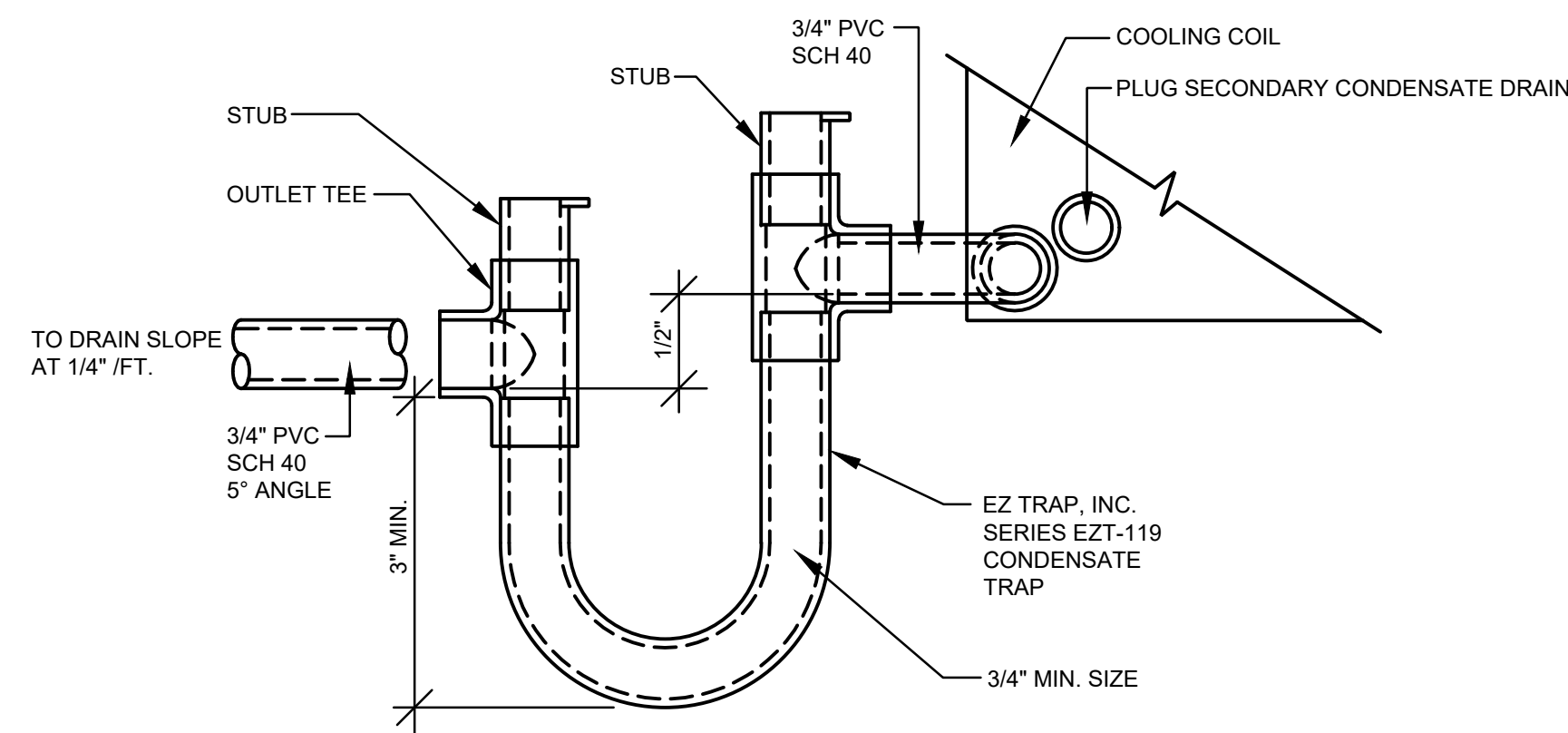
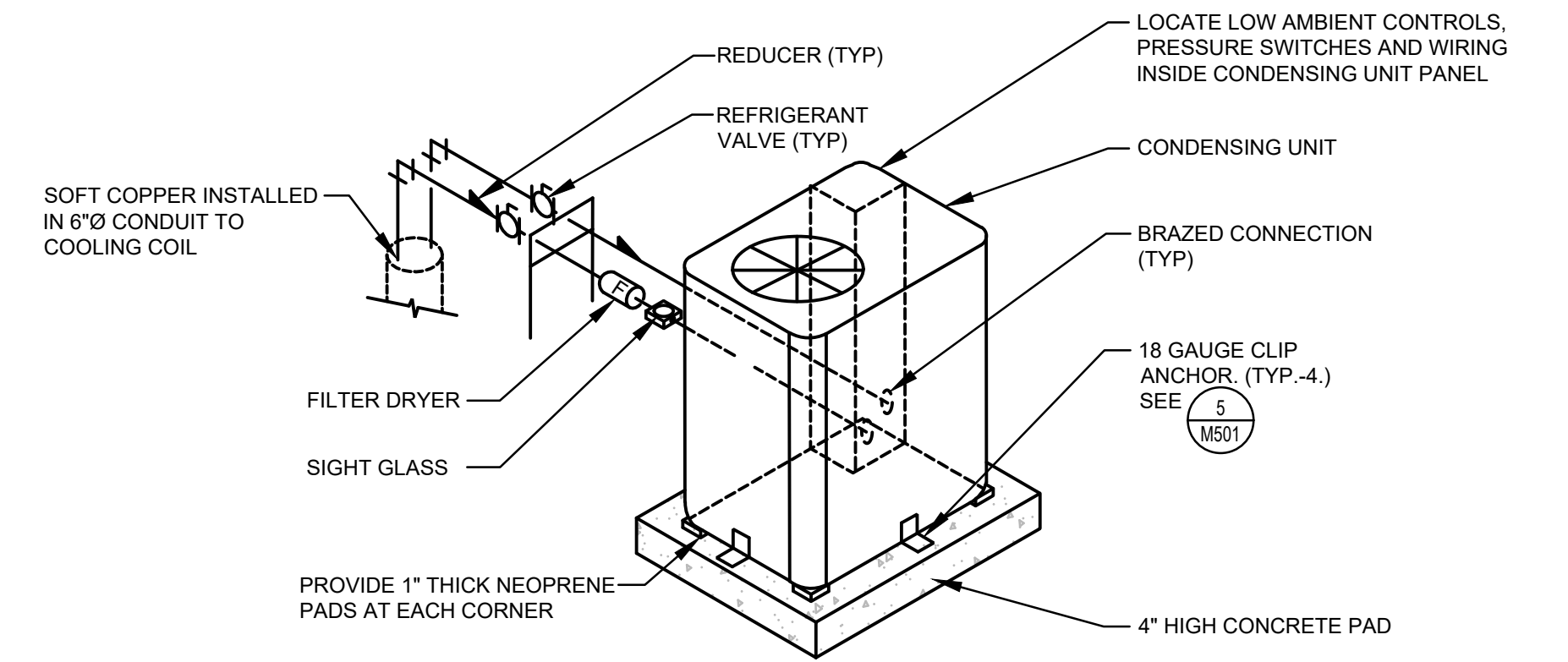
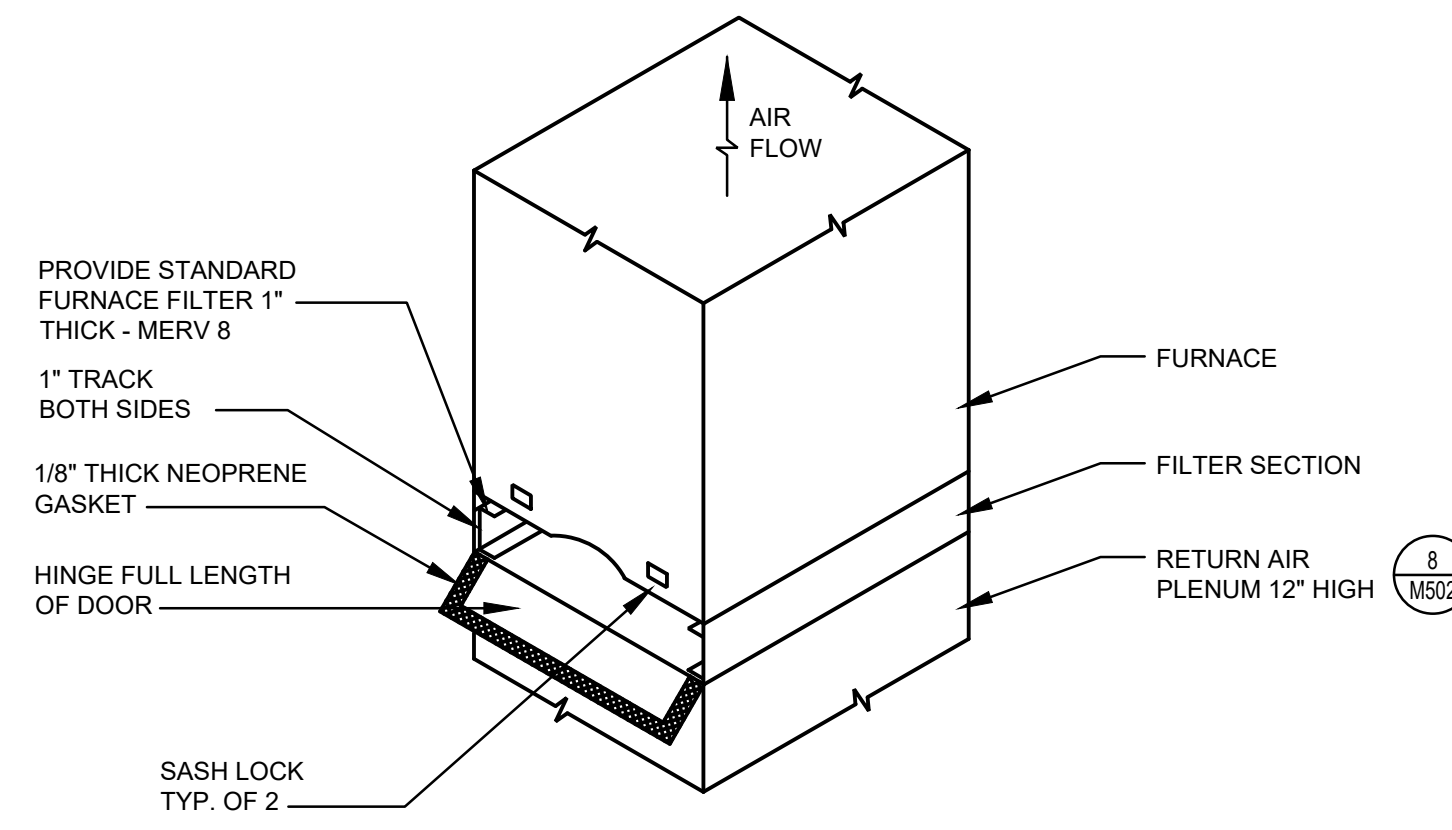
PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150



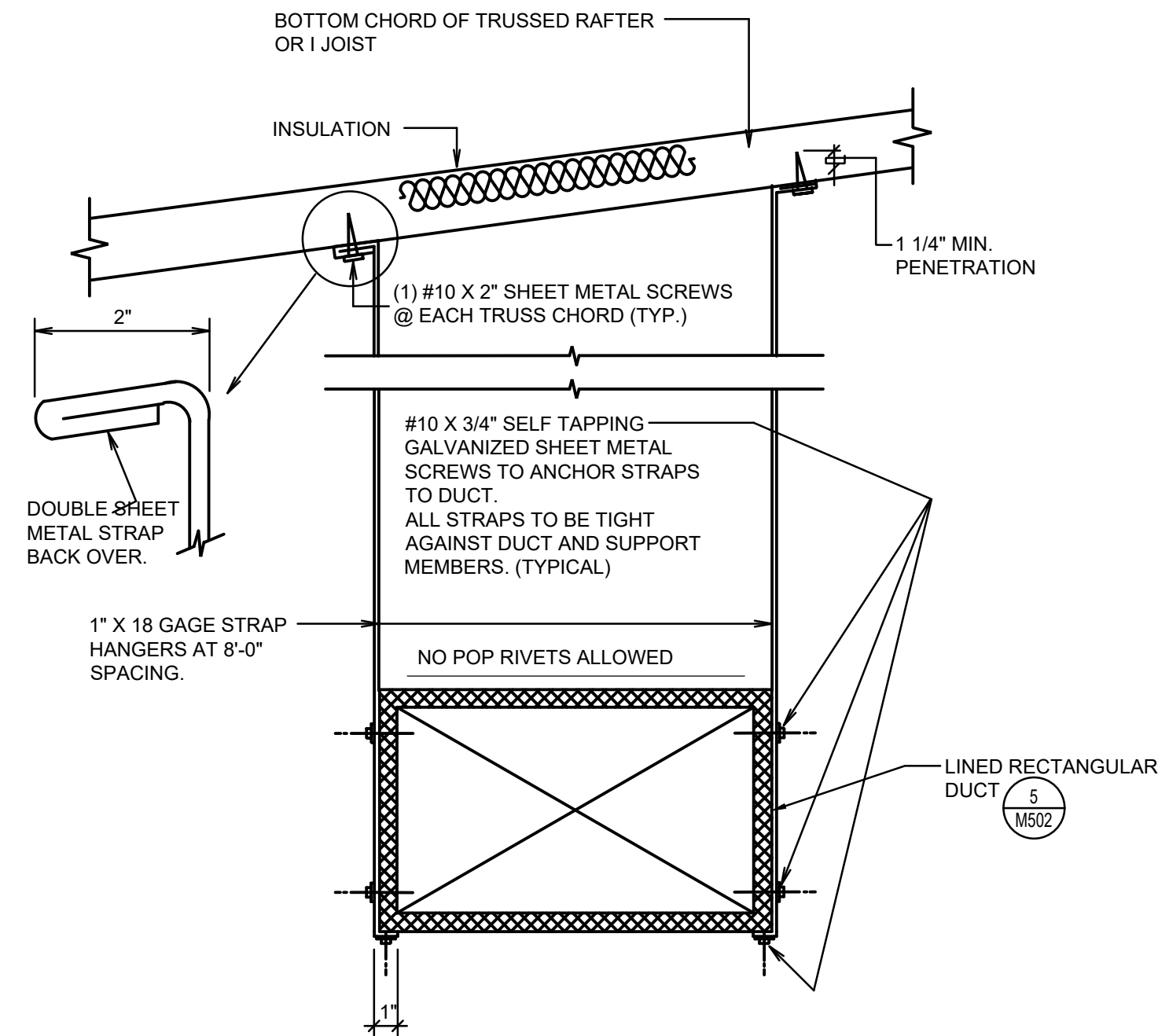
MECHANICAL

M101









DUCT STRAP HANGER DETAIL

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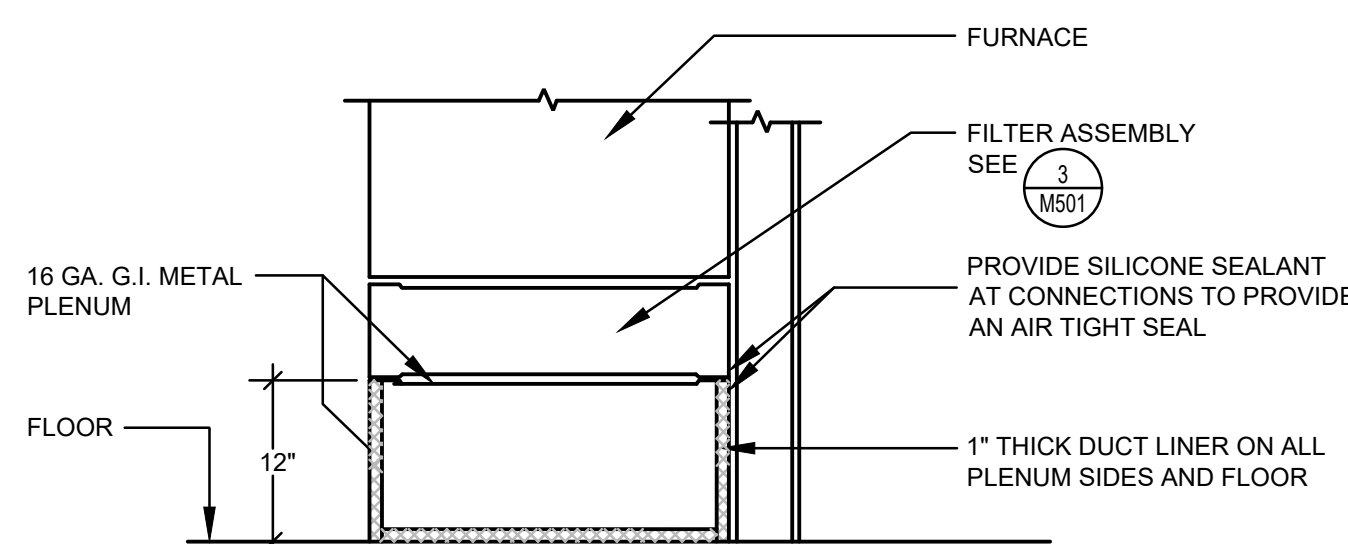
DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS &/OR INTERMEDIATE REINFORCING	TRANSVERSE REINFORCING (1)					
			MIN. H. IN.	AT JOINTS				
				DRIVE SLIP PLAIN S SLIP	HEMMED S SLIP	ALTERN'T BAR SLIP	REIN-FORCED BAR SLIP	
UP THRU 12	26	NONE REQUIRED	1	26	26	24	24	
13 - 18	24	NONE REQUIRED	1	24	24	24	24	
19 - 30	24	1"x1"x1/8" @ 60 IN	1	-	24	24	24	
31 - 36	22	1"x1"x1/8" @ 60 IN	1	-	-	22	22	

(1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

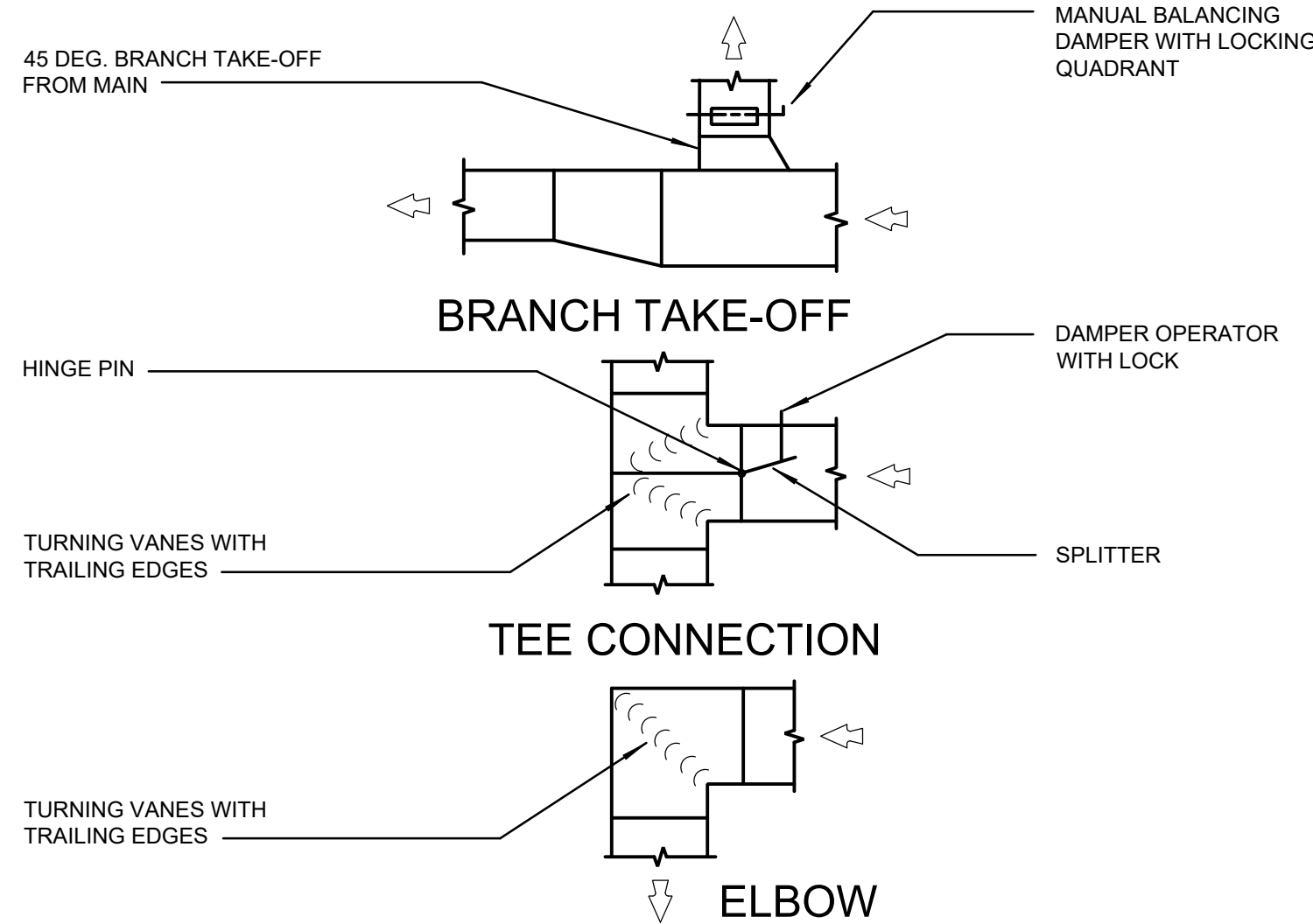
DUCT CONSTRUCTION DETAIL

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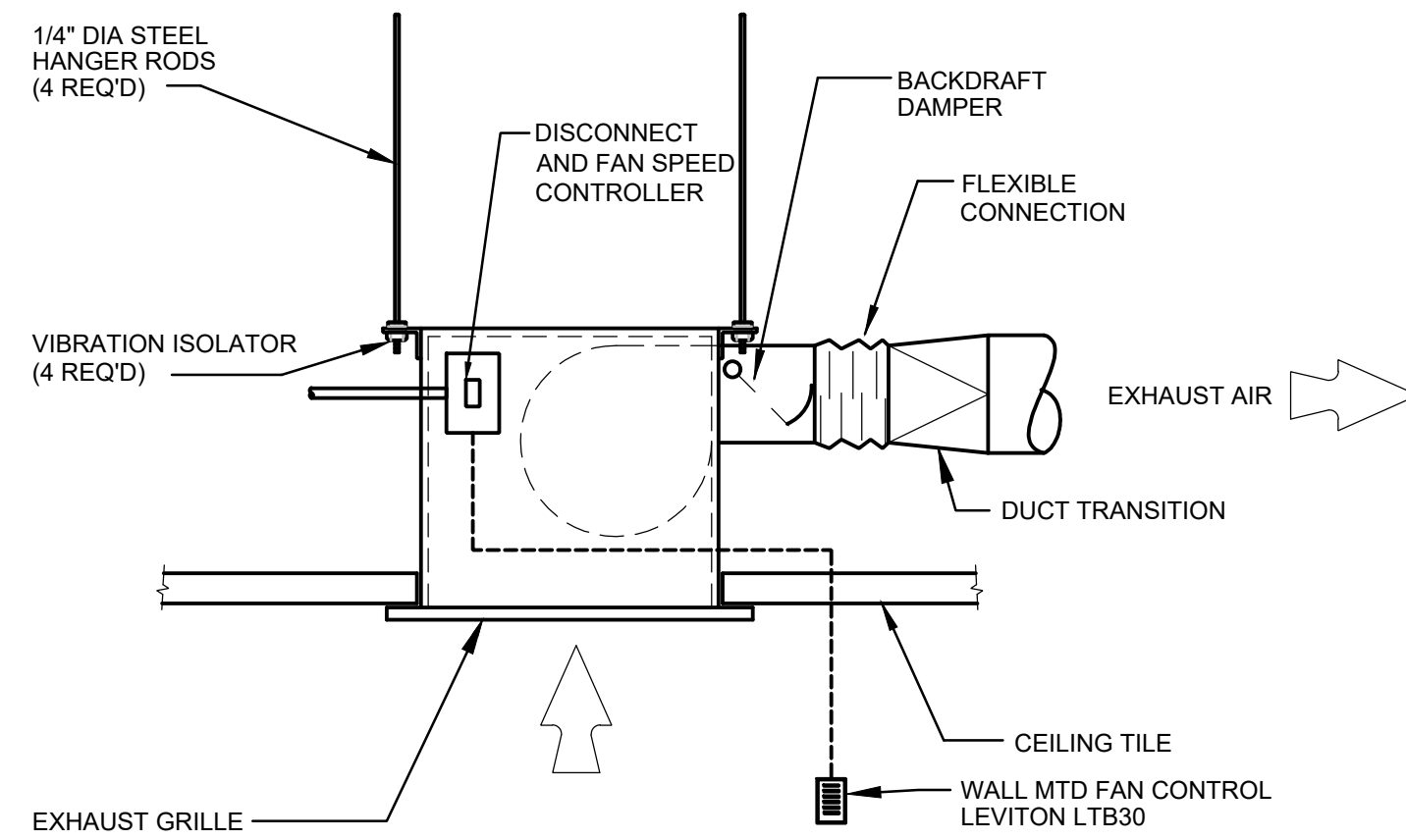
PLENUM CONSTRUCTION DETAIL

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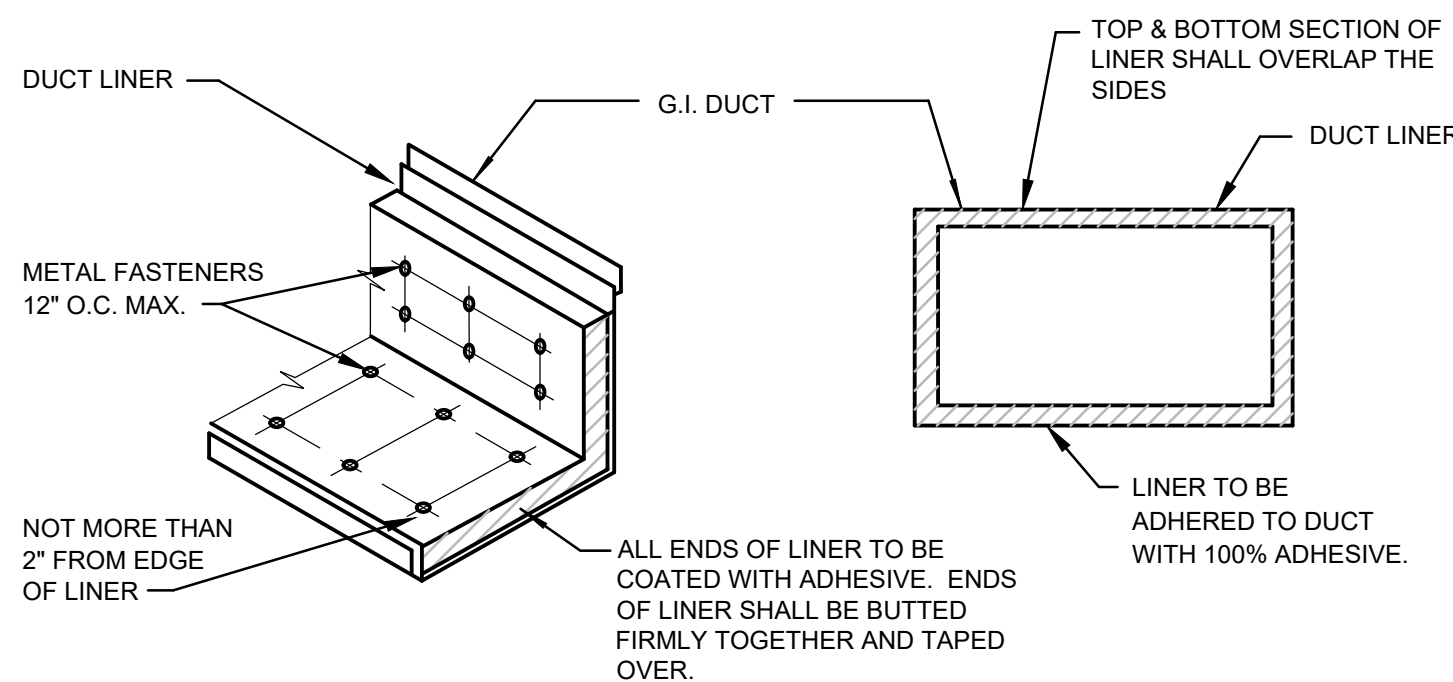
LOW PRESSURE DUCT DETAILS

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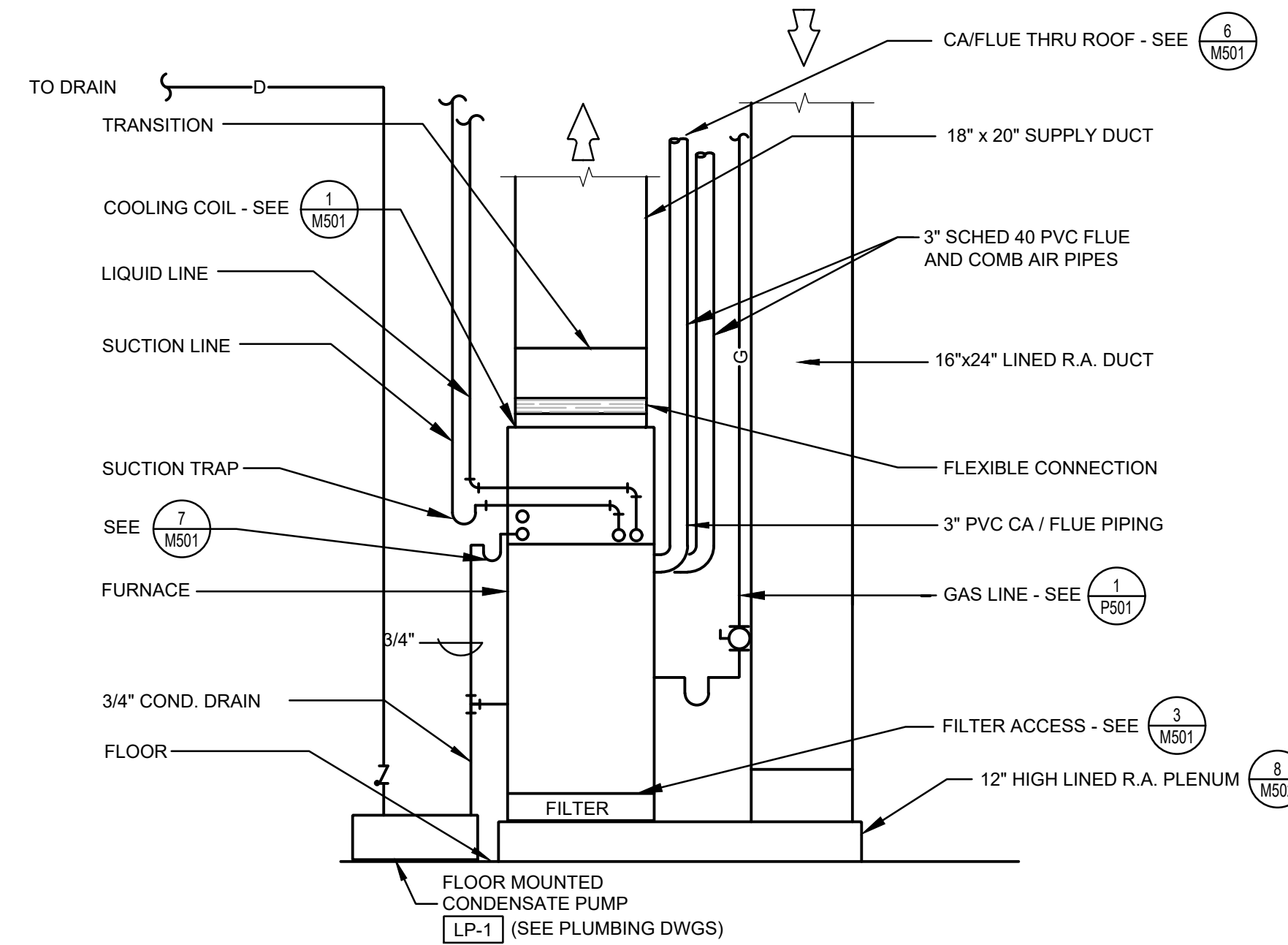
CEILING EXHAUST FAN DETAIL

NOT TO SCALE



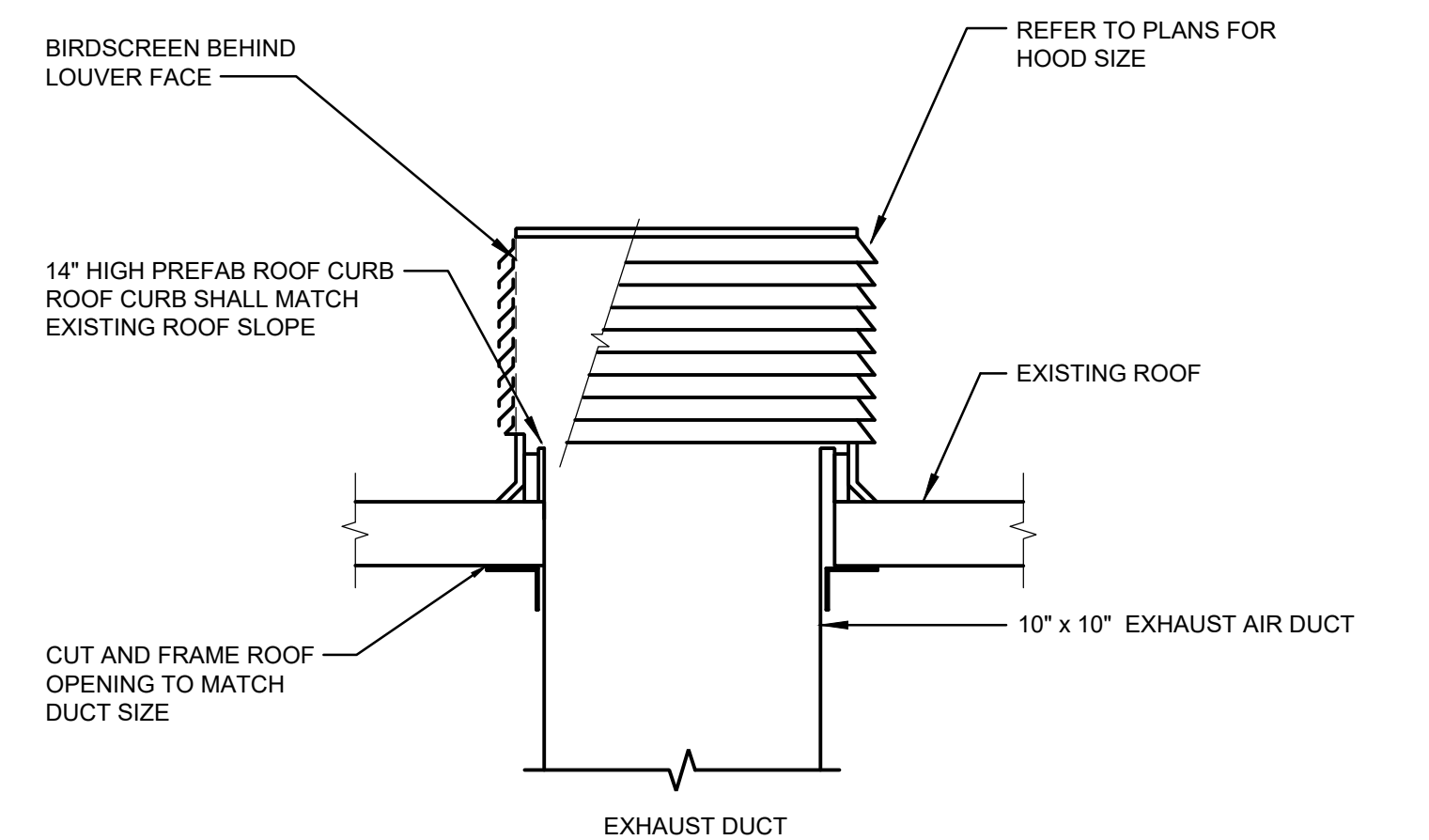
DUCT LINER DETAIL

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TYPICAL UPFLOW FURNACE DETAIL

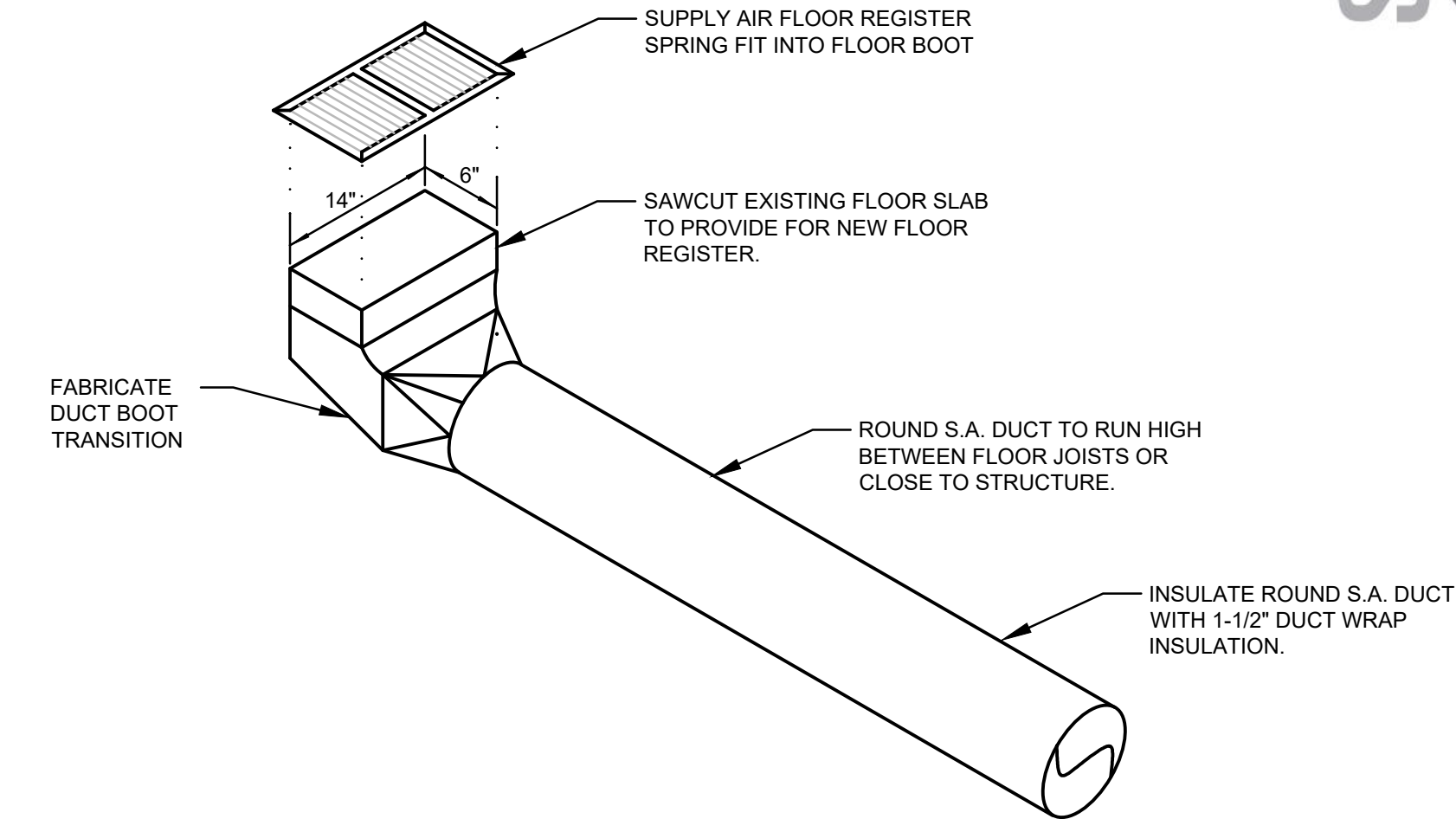
NOT TO SCALE



PENTHOUSE ROOF HOOD DETAIL

NOT TO SCALE



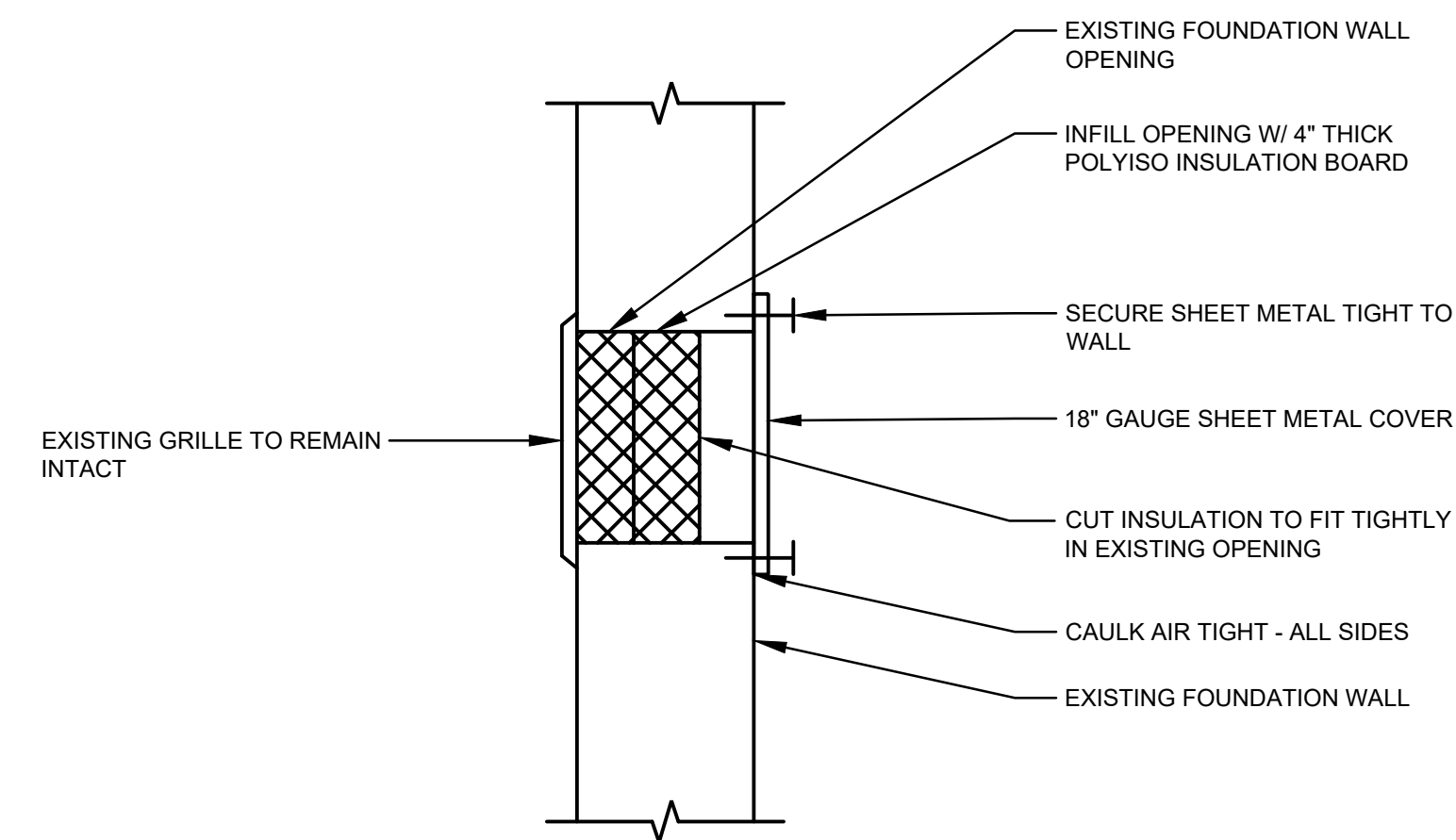


S.A. FLOOR REGISTER DETAIL

1

NOT TO SCALE

M503



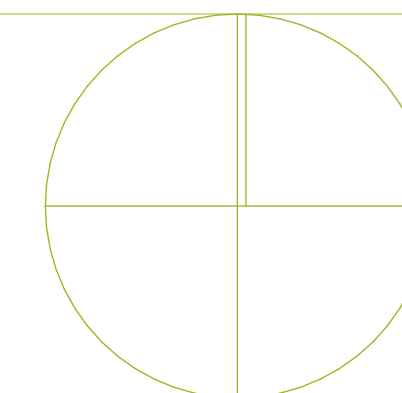
FOUNDATION VENT DETAIL

2





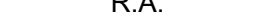

















NOT TO SCALE

M503

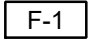
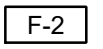
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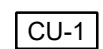
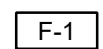
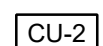
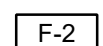


LEGEND AND ABBREVIATIONS	
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	ACCESS DOOR
	RETURN AIR
	SUPPLY AIR
	OUTSIDE AIR
	EXHAUST AIR
	THERMOSTAT
	SWITCH
	POINT OF CONNECTION
	MOTORIZED DAMPER
	S.A. DUCT SECTION UP
	S.A. DUCT SECTION DN
	FLEXIBLE DUCT CONNECTION
	MANUAL DAMPER
	MOTORIZED DAMPER
	UNDERGROUND DUCT
	R.A., E.A. OR O.A. DUCT SECTION UP
	R.A., E.A. OR O.A. DUCT SECTION DN
	SUPPLY AND RETURN AIR DUCT TAKE-OFF
	SINGLE THICKNESS TURNING VANES
	DUCT TRANDITION

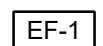
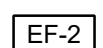
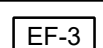
PROJECT DESIGN DATA:  
LOCATION: OGDEN, UTAH  
LATITUDE: 41.22°  
LONGITUDE: 111.97°  
ELEVATION: 4200 FT  
SUMMER DESIGN DRY BULB: 97°F  
SUMMER DESIGN WET BULB: 65°F  
WINTER DESIGN DRY BULB: 0°F  
DEFAULT SUMMER INDOOR DRY BULB: 75°F  
DEFAULT WINTER INDOOR DRY BULB: 72°F

FURNACE AND COOLING COIL SCHEDULE												
SYMBOL	ARRANG.	(2) TWO STAGE HTG. CAP. (MBH)		CFM	EXT. S.P.	OUTSIDE AIR (CFM)	CLG. COIL CAP.		MOTOR			MANUFACTURER & MODEL (1)(2)(3)(4)(5)
		INPUT	OUTPUT				BTUH	COND.	H.P.	ELECT.	SPEED	
	UPFLOW	120 78	113 74	2000	0.7"	0	60,000	95°F	1.0	120/1/60	HIGH	FURNACE: CARRIER 59SC5B SERIES CASED COIL: CARRIER CNPVP6024
	UPFLOW	120 78	113 74	2000	0.7"	0	60,000	95°F	1.0	120/1/60	HIGH	FURNACE: CARRIER 59SC5B SERIES CASED COIL: CARRIER CNPVP6024

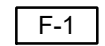
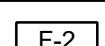
- NOTES:
- FURNACES TO BE COMPLETE WITH MATCHING CASED DX COOLING COILS, TWO SPEED BLOWER AND CONCENTRIC FLUE KITS.
  - TWO-STAGE HIGH/LOW FIRE HEATING FURNACE
  - PROVIDE EXTERNAL FILTER SECTION. SEE DETAIL 3/M501.
  - PROVIDE 12" HIGH LINED RETURN AIR PLENUM BASE FOR SIDE AND BOTTOM INLET RETURN. SEE DETAIL 8/M502.
  - HEATING CAPACITY: GAS INPUT RATINGS FOR SEA LEVEL. REDUCE RATING 2% FOR EVERY 1000 FT OF ALTITUDE.

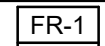


CONDENSING UNIT SCHEDULE														
SYMBOL	SERVES	COOLING CAPACITY				ELECTRICAL								(1)(2)(3) MANUFACTURER & MODEL
		MIN SEER	CAPACITY	E.A.T.	REF	COMP	NO.	FAN	NO.	VOLTS	PH	HZ	MCA	
		21.0	60,000	105° F	R-410A	26.4	1	1.2	1	208/230	1	60	35	CARRIER 24 ACC 660
		21.0	60,000	105° F	R-410A	26.4	1	1.2	1	208/230	1	60	35	CARRIER 24 ACC 660

- NOTES:
- MOUNT CONDENSING UNIT ON 4" HIGH CONCRETE PAD WITH 1" THICK NEOPRENE VIBRATION ISOLATORS.
  - 15 SEER MINIMAL ACCEPTABLE. 2 STAGE SCROLL COMPRESSOR.
  - PROVIDE SEISMIC HOLD DOWN CLIPS- 4 PER CONDENSING UNIT.

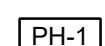
EXHAUST FAN SCHEDULE									
SYMBOL	SERVES	TYPE	C.F.M	S.P.	R.P.M.	MOTOR	DRIVE	MAKE & MODEL	NOTES
	RESTROOM	CEILING TYPE	100	.25	640	0.125 H.P. 120/1/60	DIRECT	BROAN L100	(1)
	RESTROOM	CEILING TYPE	100	.25	640	0.125 H.P. 120/1/60	DIRECT	BROAN L100	(1)
	CUST/RESTROOM	CEILING TYPE	125	.25	660	0.125 H.P. 120/1/60	DIRECT	BROAN L100	(1)

- NOTES:
- FAN TO BE COMPLETE WITH SPRING VIBRATION ISOLATION KIT, BACK-DRAFT DAMPER, INTEGRAL WIRED FAN SPEED CONTROLLER AND WIRED TO WALL MOUNTED DIVISION 26 0000 TIMER. LEVITON LTB-30.

REFRIGERANT PIPING SCHEDULE		
SYMBOL	LIQUID LINE	SUCTION LINE
	3/8"	7/8"
	3/8"	7/8"

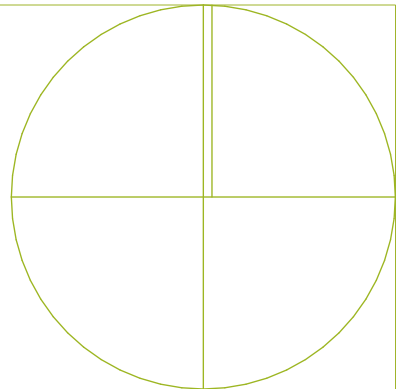
REGISTER AND GRILLE SCHEDULE					
SYMBOL	TYPE	NECK SIZE (1)	LOCATION	AIR PATTERN	MAKE & MODEL
 	SUPPLY AIR	14" X 6"	FLOOR	2-WAY	HART & COOLEY 411 HEAVY GAUGE STEEL, 3-BLADE DAMPER (1)
	RETURN AIR	14" x 6"	FLOOR	1-WAY	PRICE LBMH-75 FLANGED FRAME (1)

- NOTES:
- ALL REGISTERS AND GRILLES TO BE POWDER COATED BRIGHT WHITE FINISH.

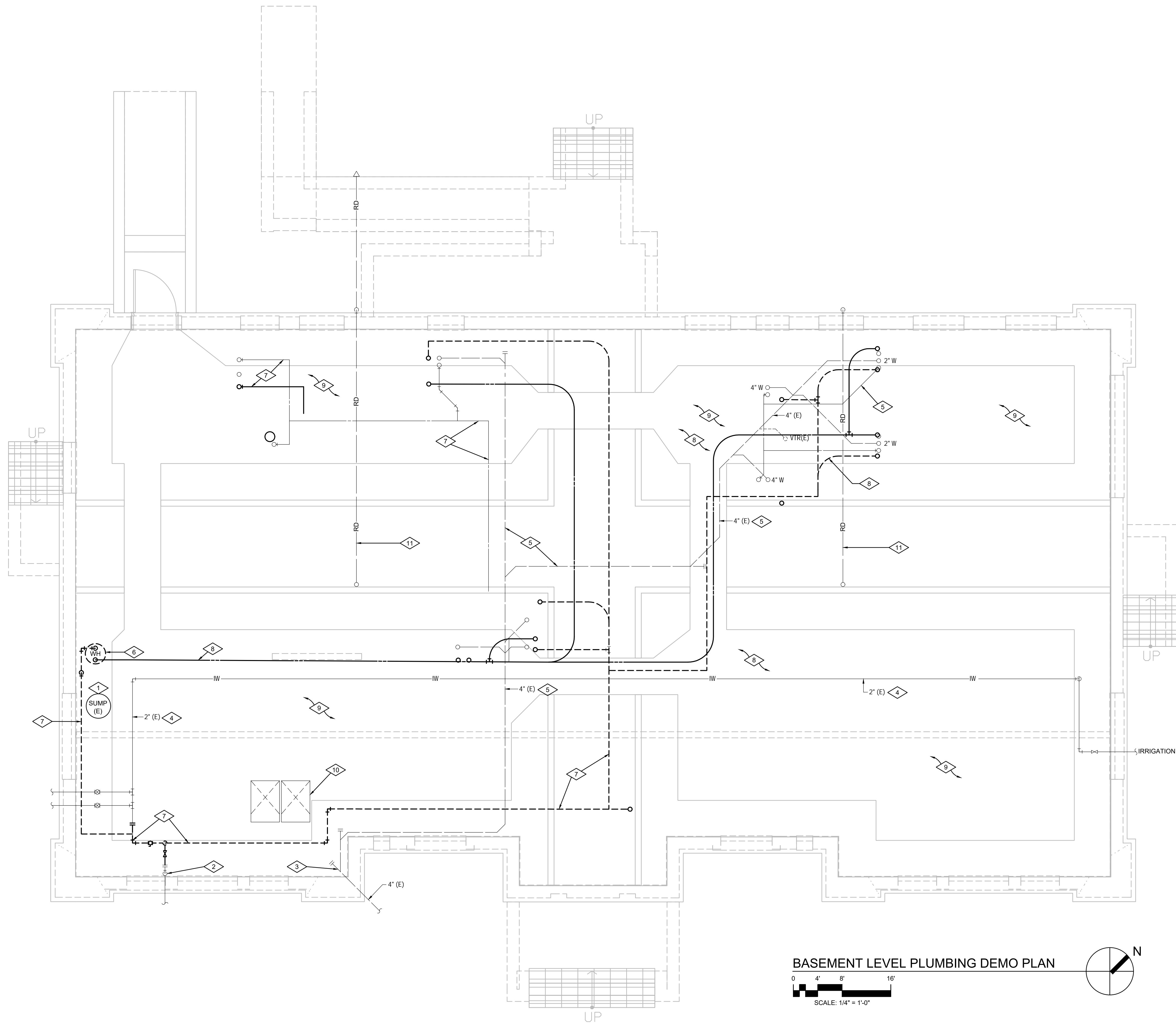
PENTHOUSE SCHEDULE					
SYMBOL	TYPE	THROAT SIZE	HEIGHT	CFM	MAKE & MODEL (1)(2)(3)
	EXHAUST AIR	12" x 12"	12"	125	GREENHECK WRH-12 x12-3

- NOTES:
- FURNISH COMPLETE WITH 14" HIGH ROOF CURB.
  - UNIT TO BE COMPETE WITH BIRDSCREEN
  - PENTHOUSE SHALL BE ALUMINUM CONSTRUCTION WITH STANDARD FINISH.

NO.	DATE	DESCRIPTION



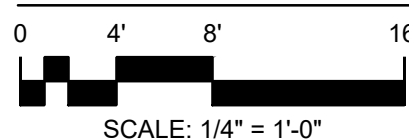




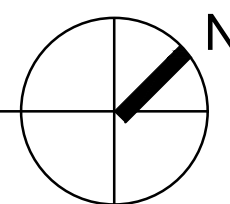
REFERENCE NOTES

- EXISTING DRY SUMP TO REMAIN INTACT.
- EXISTING 2" WATER SERVICE. VERIFY LOCATION PRIOR TO START OF NEW WORK. WATER SERVICE ENTRY TO BE PROVIDED WITH NEW ISOLATION VALVES. SEE DRAWING P100 FOR NEW WORK.
- EXISTING 4" WASTE LINE SERVING BUILDING TO REMAIN INTACT.
- EXISTING 2" IRRIGATION WATER LINE TO REMAIN. REMOVE AND RELOCATE WATER LINE AS NEEDED TO FACILITATE INSTALLATION OF NEW DUCTWORK. SEE DRAWING M100 FOR COORDINATION.
- EXISTING ABS DRAIN PIPING SERVING EXISTING PLUMBING FIXTURES TO REMAIN INTACT. REMOVE PLUMBING TAPE AND WIRE SUPPORTS AND PROVIDE NEW PIPE HANGER SUPPORTS.
- REMOVE EXISTING WATER HEATER COMPLETE. REMOVE ALL ASSOCIATED WATER PIPING AND SUPPORTS. SEE DRAWING P100 FOR NEW WATER HEATER LOCATION.
- REMOVE ALL EXISTING GALVANIZED WATER PIPING COMPLETE. LOCATE EXISTING PLUMBING FIXTURES AND REMOVE ALL GALVANIZED WATER SUPPLY OR DRAIN PIPING SERVING FIXTURES. SEE DRAWING P100 FOR NEW PIPING REQUIRED.
- WHERE EXISTING PEX TUBING HAS BEEN INSTALLED TO EXISTING PLUMBING FIXTURES. DISCONNECT AND REMOVE TUBING TO FACILITATE INSTALLATION OF NEW DUCTWORK. INSTALL NEW COLOR CODED PEX TUBING UPON COMPLETION OF MECHANICAL WORK. SEE DRAWING P100.
- REMOVE ALL ABANDONED WATER, DRAIN, WASTE AND VENT PIPING THAT IS NOT RE-USED AS PART OF THE NEW WORK. PREPARE AREA IN GENERAL FOR NEW PLUMBING WORK.
- REMOVE ALL WATER SUPPLY AND DRAIN PIPING SERVING AC UNIT COMPLETE.
- EXISTING ROOF DRAIN LINES TO REMAIN INTACT.

BASEMENT LEVEL PLUMBING DEMO PLAN



SCALE: 1/4" = 1'-0"



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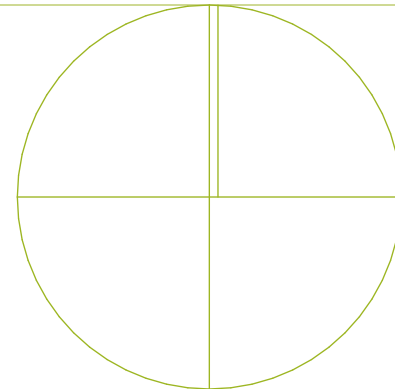
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OLSEN & PETERSON  
consulting engineers, inc.

14 East 2700 South, Salt Lake City, UT 84115  
Phone: (801) 486-4646 Fax: (801) 467-2531

NO.	DATE	DESCRIPTION

PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150



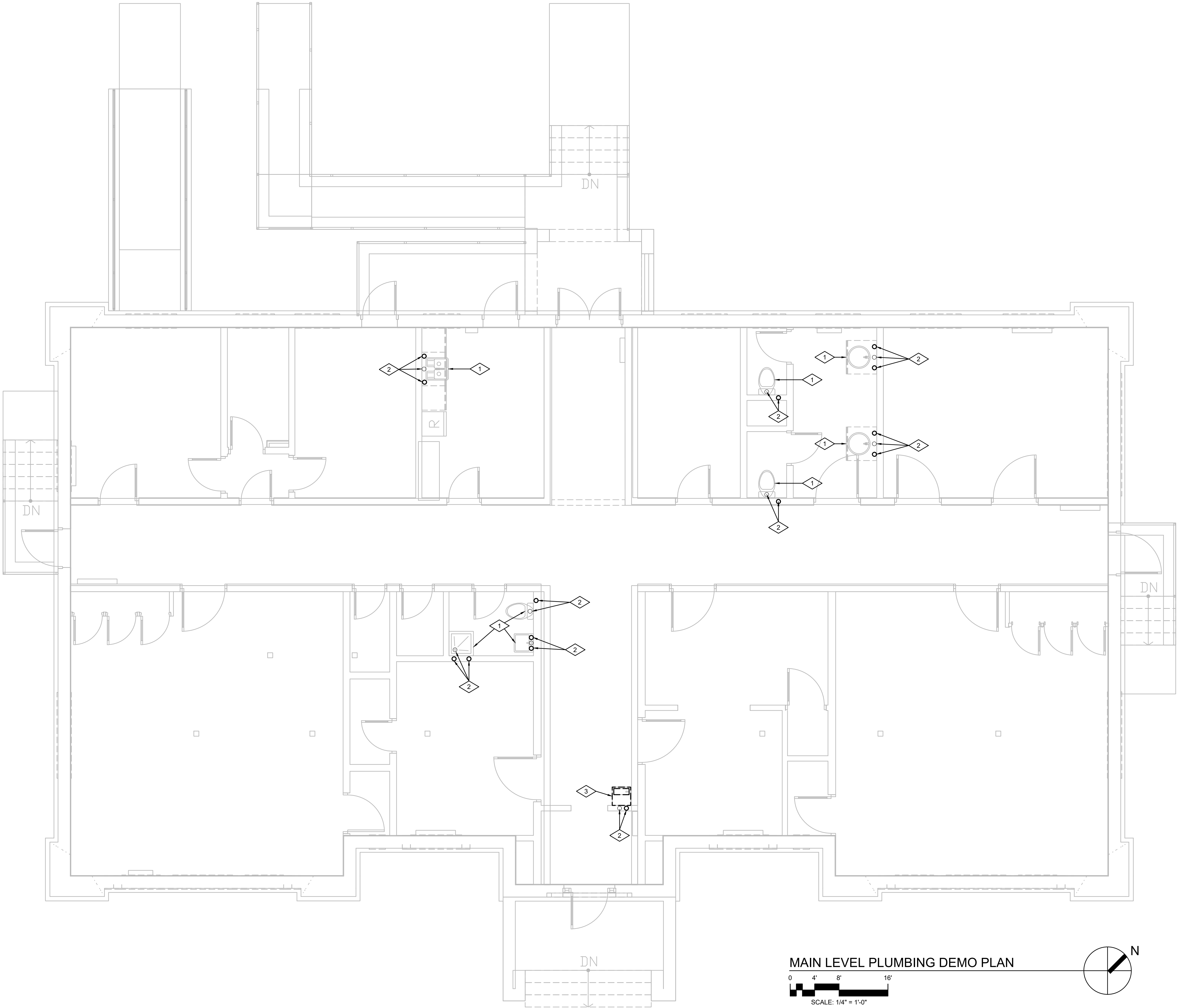
PLUMBING DEMO

PD100

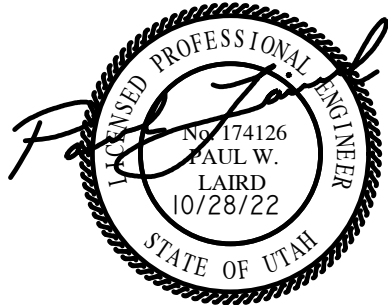


REFERENCE NOTES

- 1 EXISTING PLUMBING FIXTURE TO REMAIN INTACT.
- 2 REMOVE ANY ACCESSIBLE GALVANIZED WATER SUPPLY, WASTE OR VENT PIPING SERVING FIXTURE AND REPLACE WITH NEW COPPER OR ABS DWV PIPING.
- 3 EXISTING DRINKING FOUNTAIN TO BE REMOVED AND REPLACED WITH NEW. SEE DRAWING P101 FOR NEW WORK.



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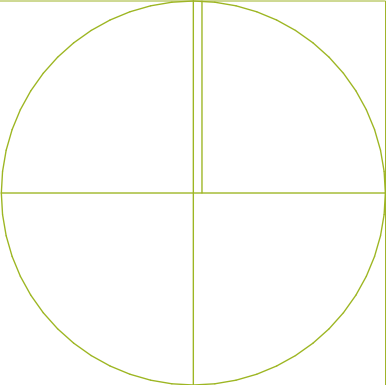
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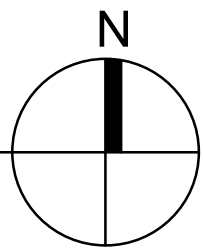
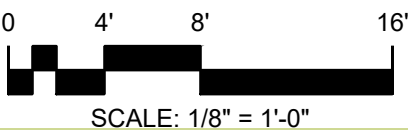
PLUMBING DEMO

PD101

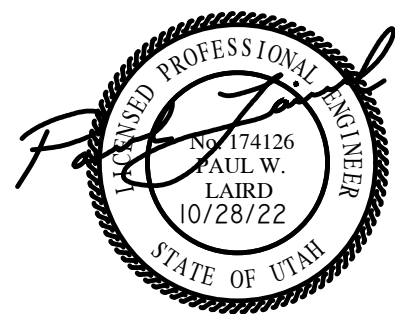


- 1 CONNECT TO EXISTING GAS LINE IN THIS LOCATION. PROVIDE COMPATIBLE FITTING TO MATCH EXISTING GAS LINE PIPE SIZE AND MATERIAL.
- 2 SAWCUT ASPHALT PAVING AND EXCAVATE AS NEEDED TO INSTALL NEW GAS LINE. REPAIR AND PATCH PAVEMENT UPON COMPLETION OF WORK.
- 3 INSTALL NEW SDR 11 POLYPROPYLENE GAS LINE COMPLETE WITH TRACER WIRE AND WARNING TAPE. EXTEND GAS LINE TO NEW GAS REGULATOR AT THE ANNEX BUILDING.
- 4 EXISTING BURIED GAS LINE. CONTRACT WITH BLUE STAKES FOR GAS LINE AND UTILITY LOCATION SERVICES PRIOR TO START OF CONSTRUCTION.
- 5 NEW GAS REGULATOR. SEE DRAWING P100 FOR CONTINUATION.
- 6 NEW MECHANICAL EQUIPMENT. COORDINATE LOCATION OF GAS LINE WITH MECHANICAL EQUIPMENT LOCATIONS.
- 7 EXISTING BURIED STEAM AND CONDENSATE PIPING BELOW GRADE. COORDINATE LOCATION OF NEW GAS LINE WITH EXISTING BURIED PIPING.


# PLUMBING SITE UTILITY PLAN - GAS



**STUDIO 333 ARCHITECTS**  
333 24TH STREET  
OGDEN, UT 84401  
801.394.3033



**OCS - ANNEX BUILDING REMODEL**  
1950 MONROE BLVD , OGDEN, UT



**OLSEN & PETERSON**  
consulting engineers, inc.

14 East 2700 South, Salt Lake City, UT 84115  
Phone: (801) 486-4646 Fax: (801) 467-2531

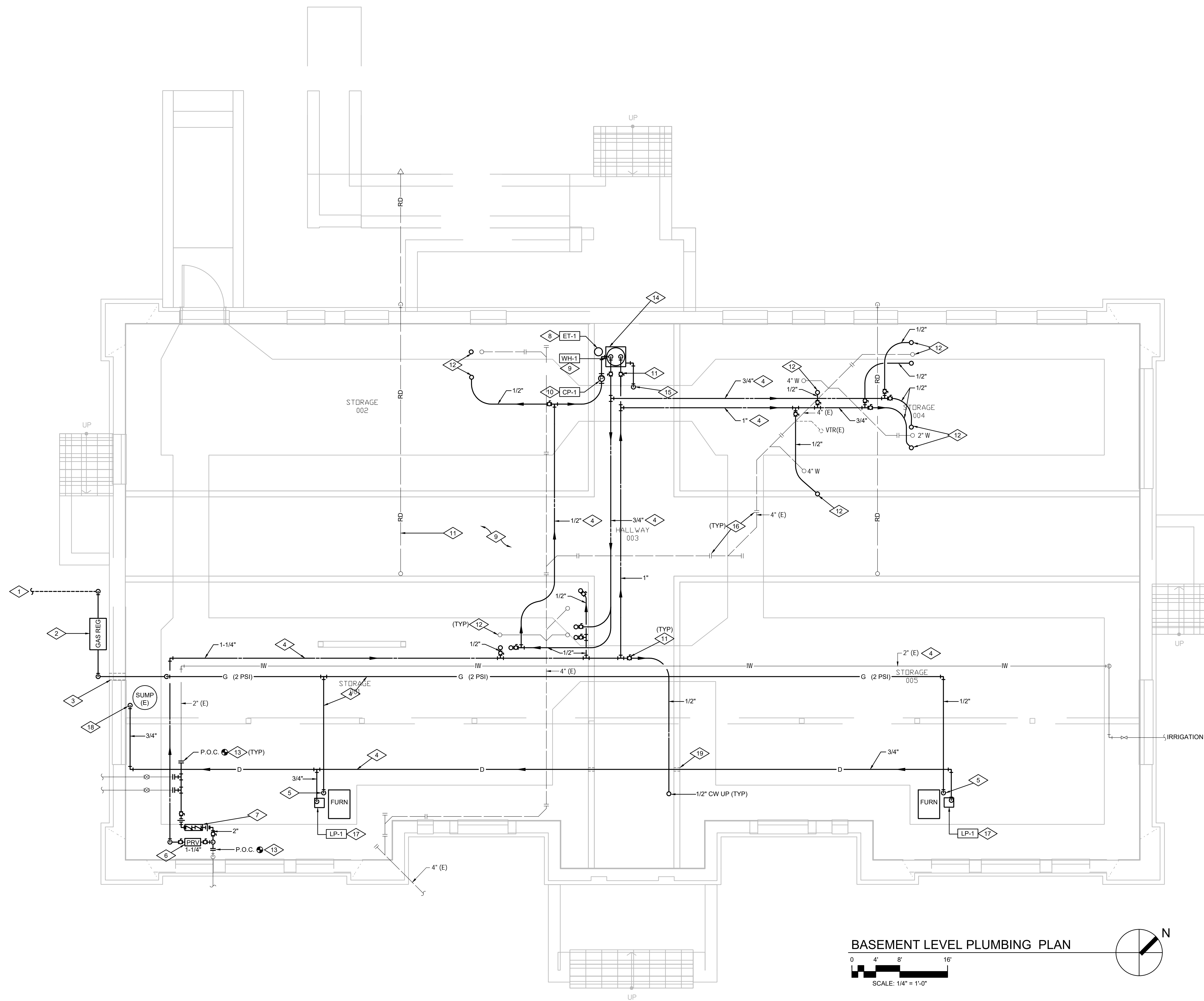
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PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150

# PLUMBING

# P001

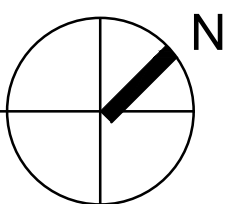
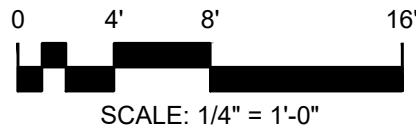




REFERENCE NOTES

- 1 NEW GAS SERVICE LINE BY PLUMBING CONTRACTOR. SEE DRAWING P001 FOR CONTINUATION.
- 2 BUILDING GAS SERVICE LOCATION. EXTEND NEW GAS LINE TO BUILDING AND PROVIDE NEW GAS REGULATOR FOR 2 PSIG SERVICE. COORDINATE REGULATOR AND NEW GAS LINE LOCATION WITH EXISTING BURIED STEAM AND CONDENSATE PIPING. SEE DETAIL 2/P501
- 3 FOUNDATION PIPE THRU WALL PENETRATION. CORE DRILL WALL PIPE PENETRATION. GROUT OPENING AROUND PIPE SOLID.
- 4 PIPING TO RUN HIGH CLOSE TO STRUCTURE. COORDINATE LOCATION WITH MECHANICAL, STRUCTURAL, AND ELECTRICAL TRADES.
- 5 PIPE 1/2" GAS LINE TO NEW FURNACE LOCATION. SEE DETAIL 1/P501
- 6 PRV STATION. SEE DETAIL 4/P501
- 7 DOUBLE CHECK VALVE ASSEMBLY. SEE DETAIL 4/P501
- 8 MOUNT DOMESTIC WATER EXPANSION TANK ON WALL IN THIS LOCATION. SEE DETAIL 6/P501
- 9 INSTALL ELECTRIC WATER HEATER IN THIS LOCATION. MOUNT WATER HEATER IN GALVANIZED DRIP PAN. SEE DETAIL 6/P501.
- 10 INSTALL DOMESTIC HOT WATER CIRCULATION PUMP IN THIS LOCATION. SEE DETAIL 6/P502
- 11 INSTALL ISOLATION BALL VALVES IN ACCESSIBLE LOCATION FOR SERVICE.
- 12 PIPE 1/2" CW OR HW LINE UP TO PLUMBING FIXTURE ABOVE. TRANSITION FROM PEX TUBING TO COPPER PIPE PRIOR TO FLOOR PENETRATION. NO PEX TUBING ALLOWED ABOVE FLOOR.
- 13 POINT OF CONNECTION (P.O.C.) CONNECT TO EXISTING PIPING IN THIS LOCATION. MATCH PIPING SIZE AND MATERIAL OR PROVIDE COMPATIBLE TRANSITION.
- 14 PIPE WATER HEATER P&T VALVE DISCHARGE FULL SIZE TO DRAIN PAN.
- 15 PIPE 3/4" DRAIN PAN LINE TO FLOOR.
- 16 PROVIDE NEW PIPE HANGER SUPPORTS FOR EXISTING DWV PIPING. SEE DETAIL 1/P502
- 17 INSTALL CONDENSATE LIFT PUMP IN THIS LOCATION. SEE DETAIL 2/P502
- 18 PIPE 3/4" CONDENSATE DRAIN LINE TO SUMP.
- 19 CORE DRILL HOLE IN WALL TO FACILITATE INSTALLATION OF PIPING THRU WALL (TYP)

BASEMENT LEVEL PLUMBING PLAN



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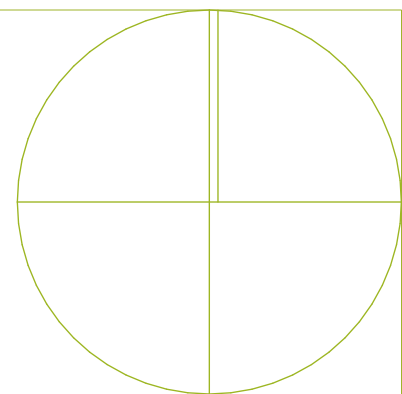
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NO.	DATE	DESCRIPTION

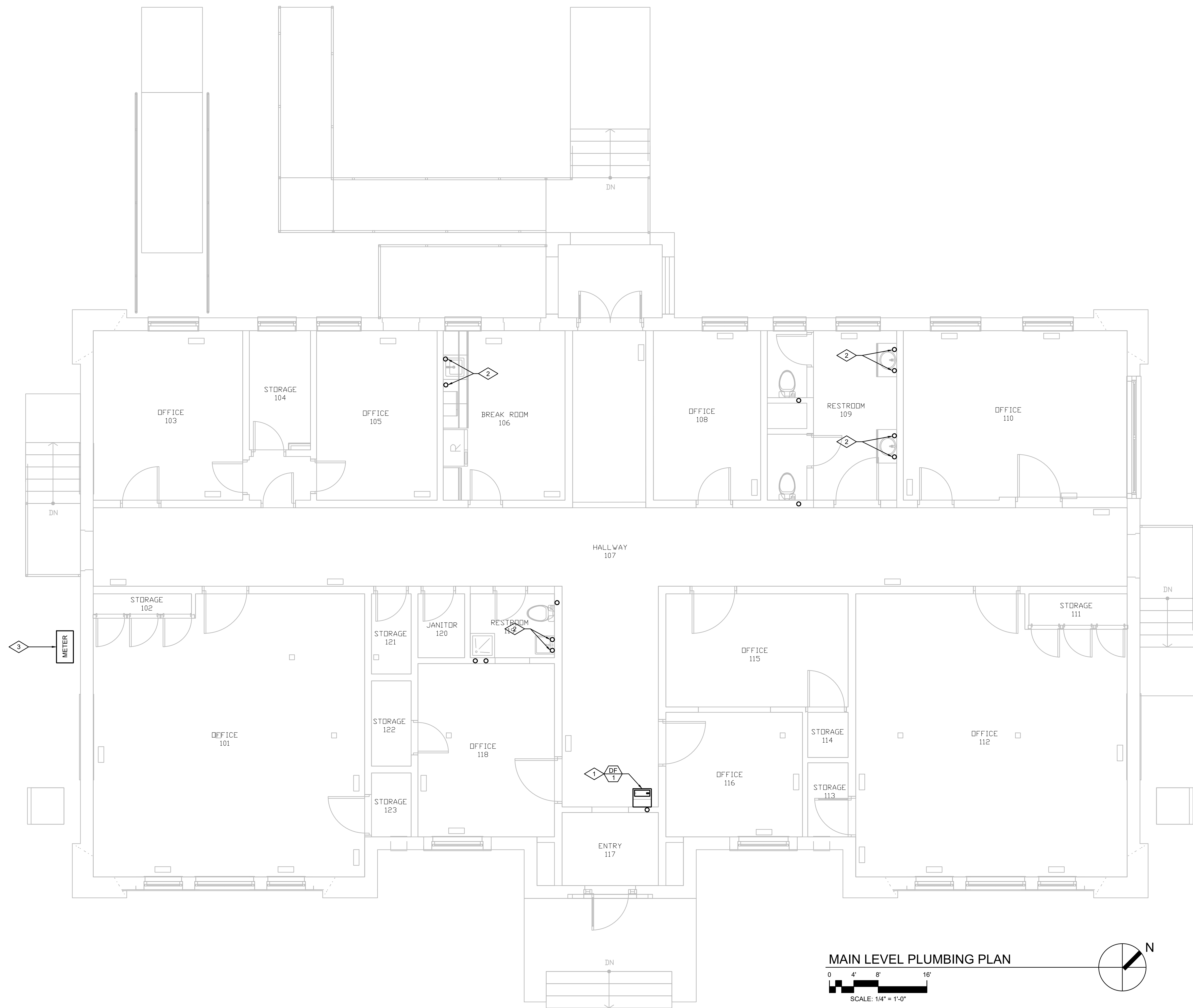
PERMIT SET  
DATE: 10.26.22  
PROJECT NUMBER: 2150



PLUMBING

P100





REFERENCE NOTES

- 1 INSTALL NEW DRINKING FOUNTAIN WITH BOTTLE FILLER IN THIS LOCATION. MOUNT DRINKING FOUNTAIN SECURELY TO WALL. REMAKE ALL WATER AND DRAIN CONNECTIONS.
- 2 WHERE HW AND CW WATER LINES ARE EXPOSED, PROVIDE COPPER WATER TUBING WITH 1" THICK PREFORMED FIBERGLASS PIPE INSULATION AND 20 MIL THICK WHITE PVC JACKET.
- 3 NEW GAS REGULATOR . SEE DRAWING P100.

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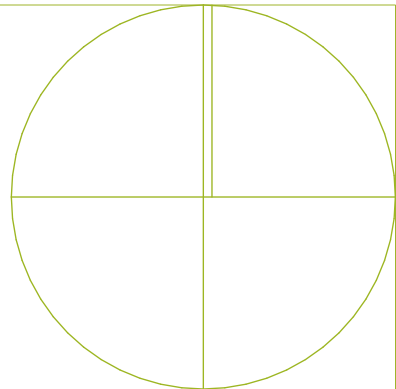
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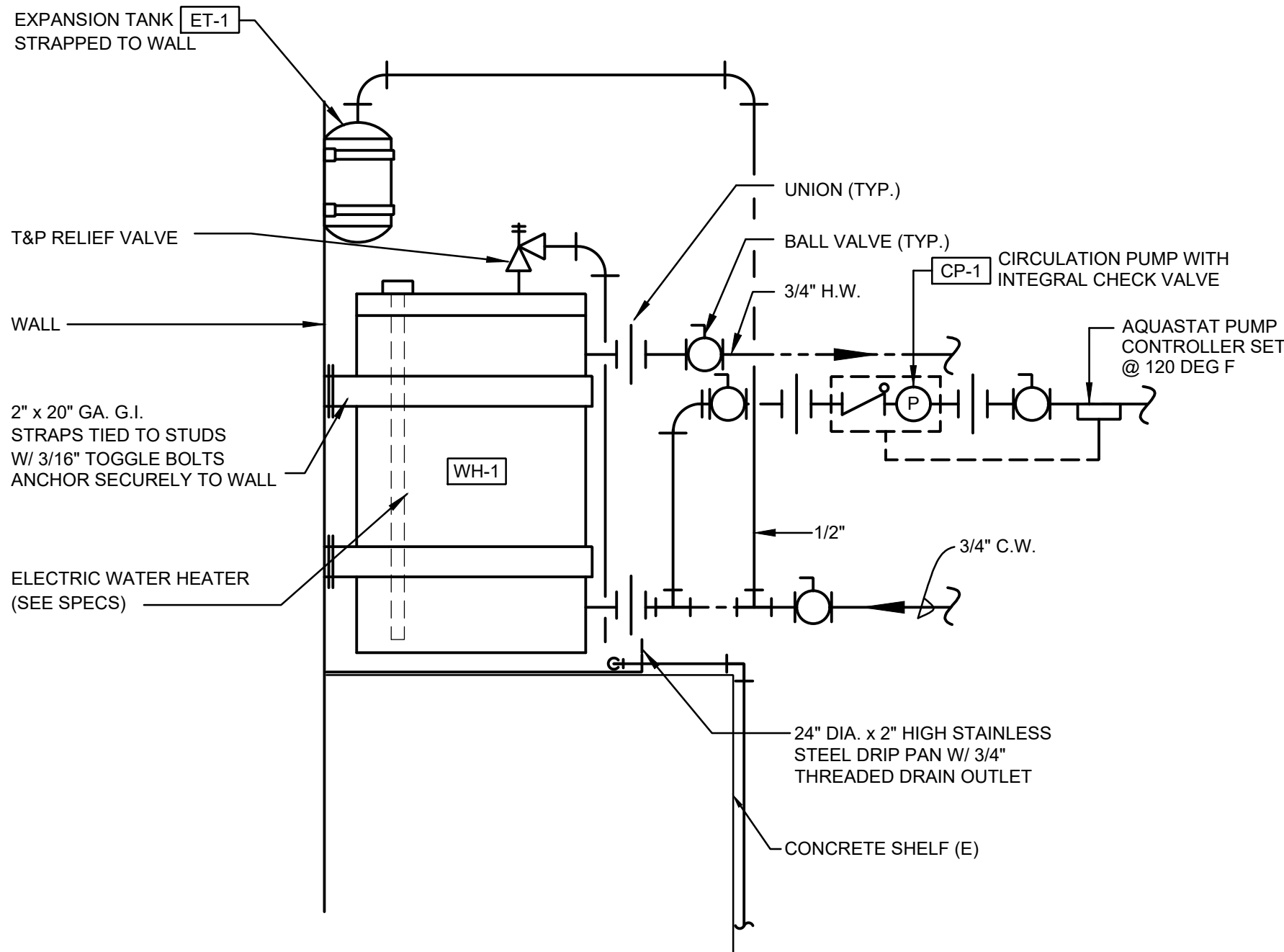
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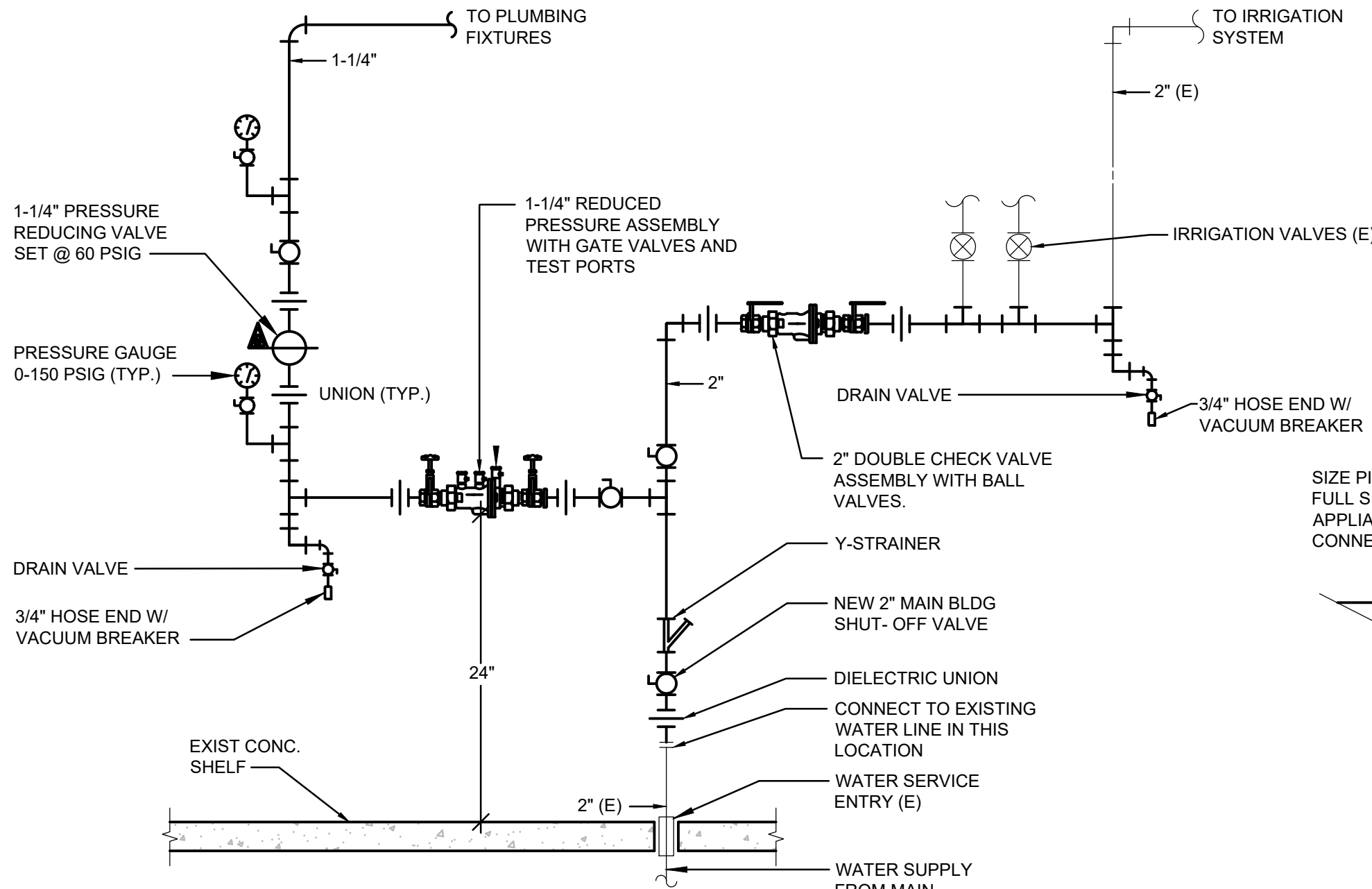
PLUMBING

P101

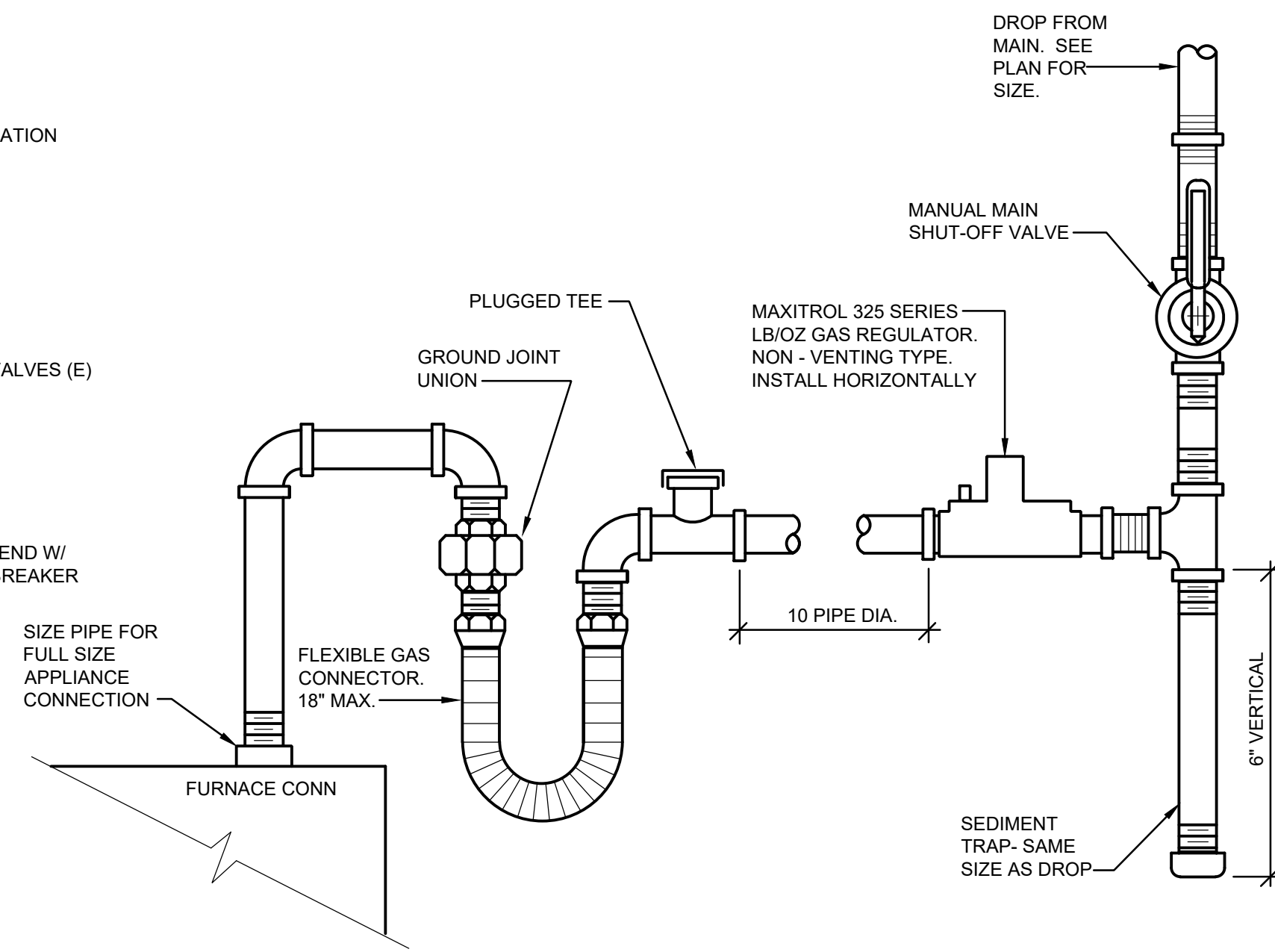




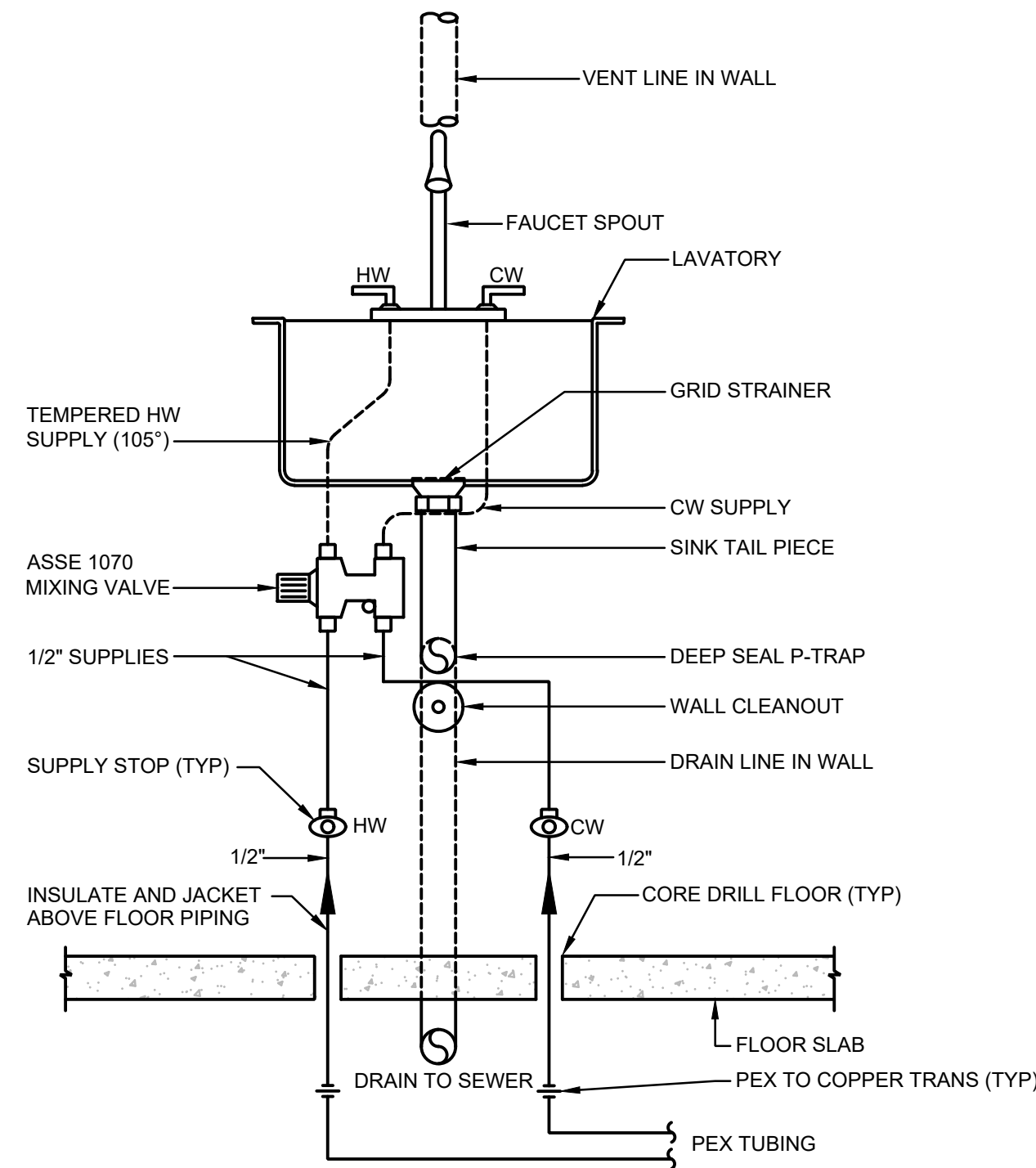
ELECTRIC WATER HEATER DETAIL 6  
NOT TO SCALE P501



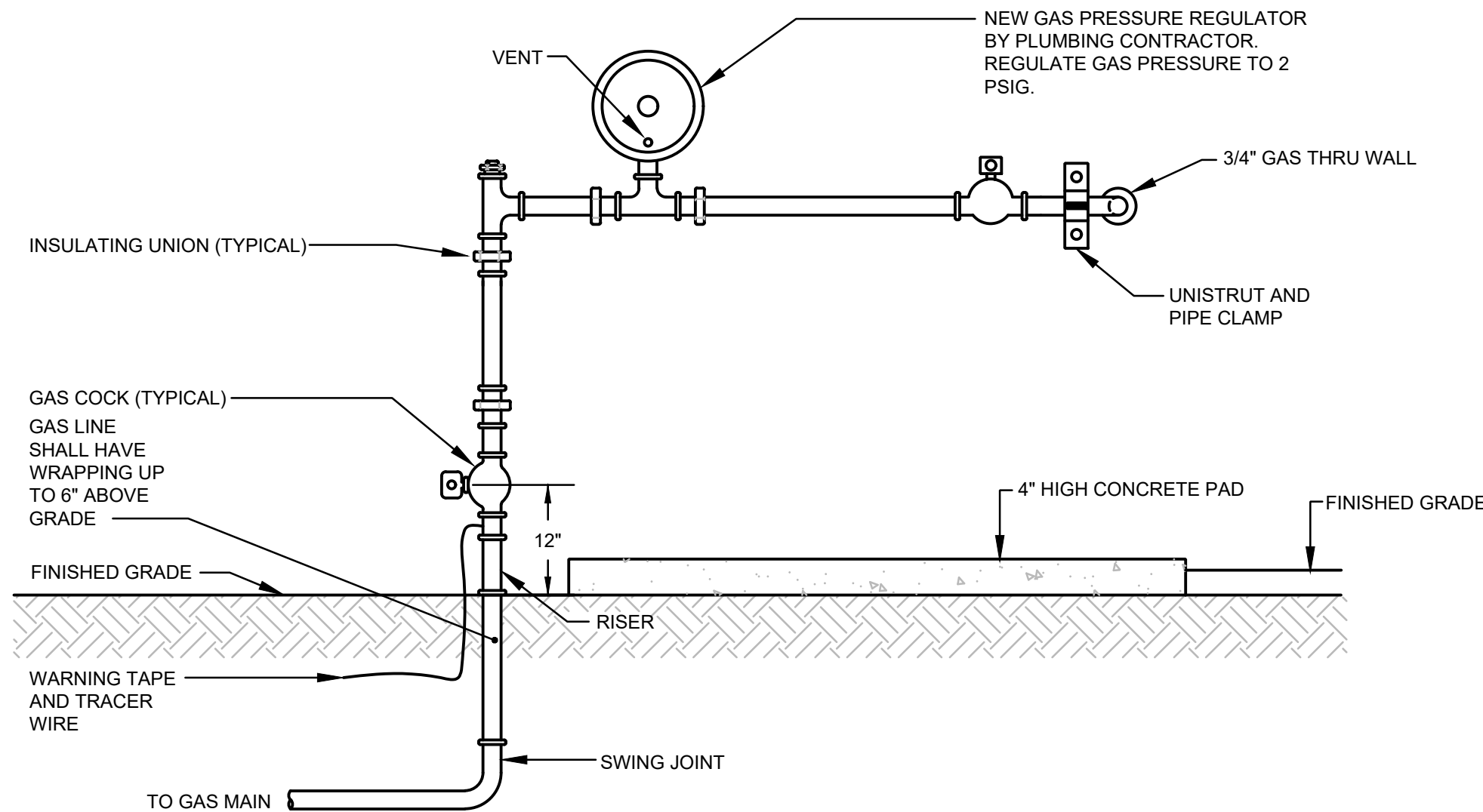
WATER PRESSURE REDUCING STATION DETAIL 4  
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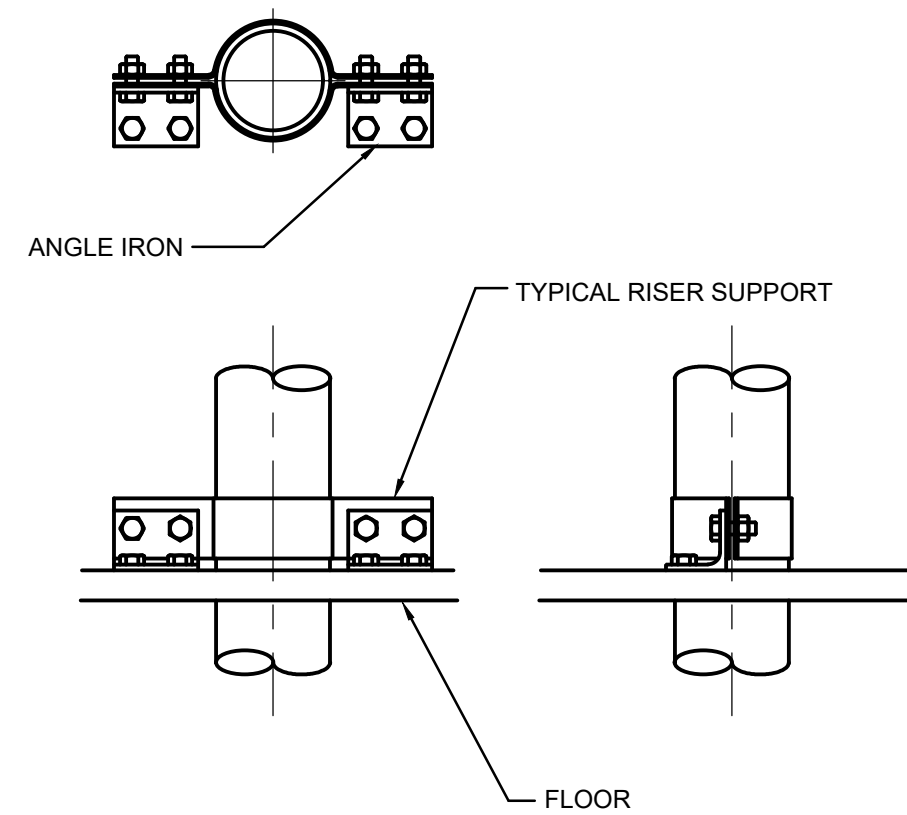
GAS LINE CONNECTION DETAIL 1  
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PIPING INSTALLATION DETAIL 5  
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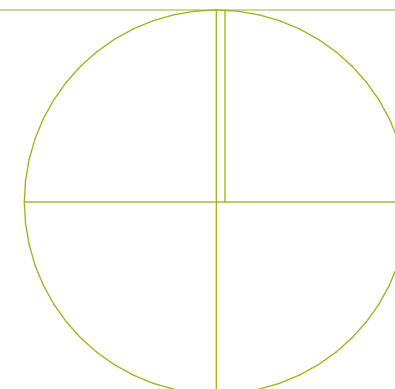


GAS REGULATOR SERVICE DETAIL 2  
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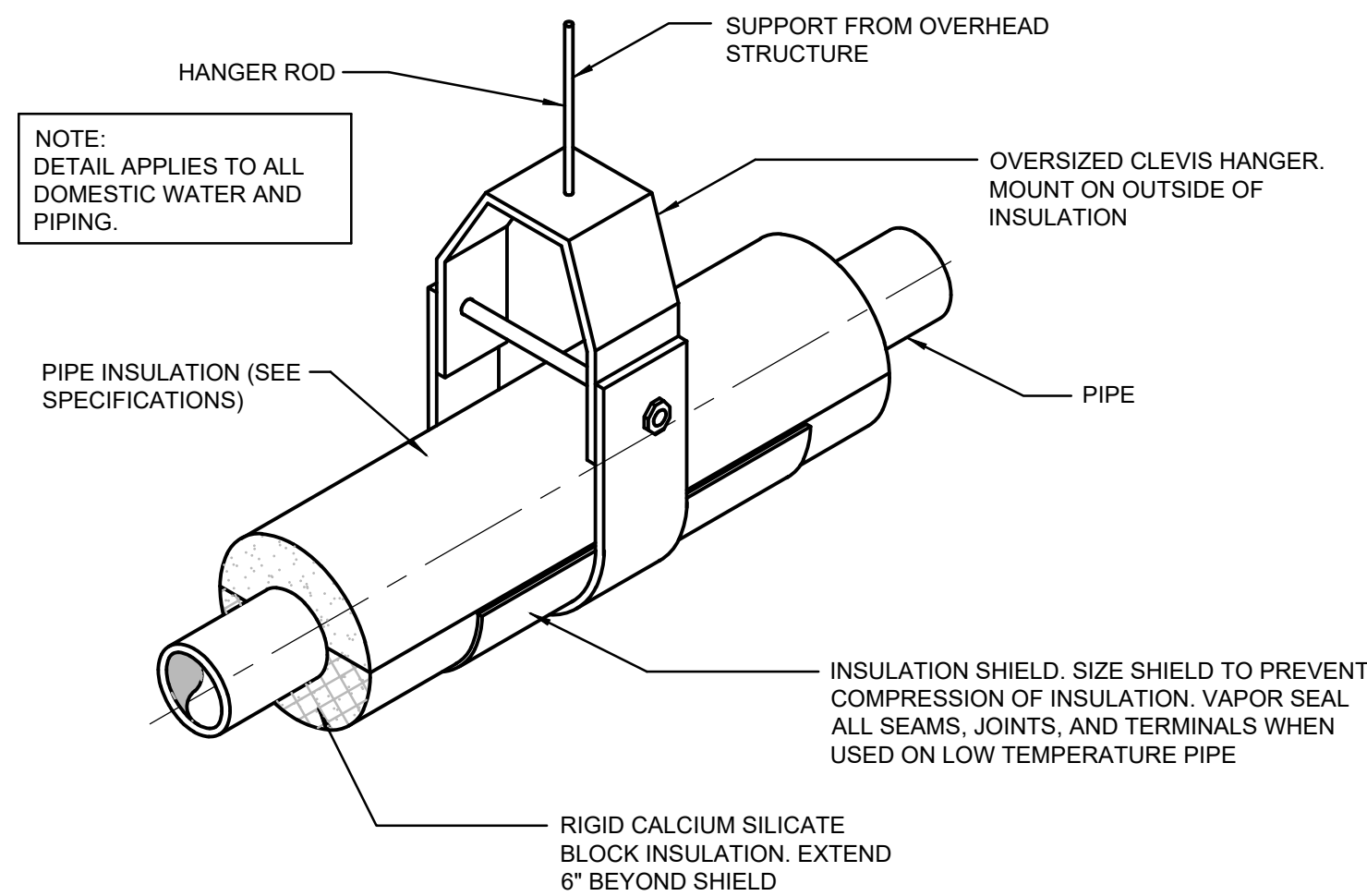


PIPE BRACE VERTICAL FLOOR MOUNT DETAIL 3  
NOT TO SCALE P501

NO.	DATE	DESCRIPTION





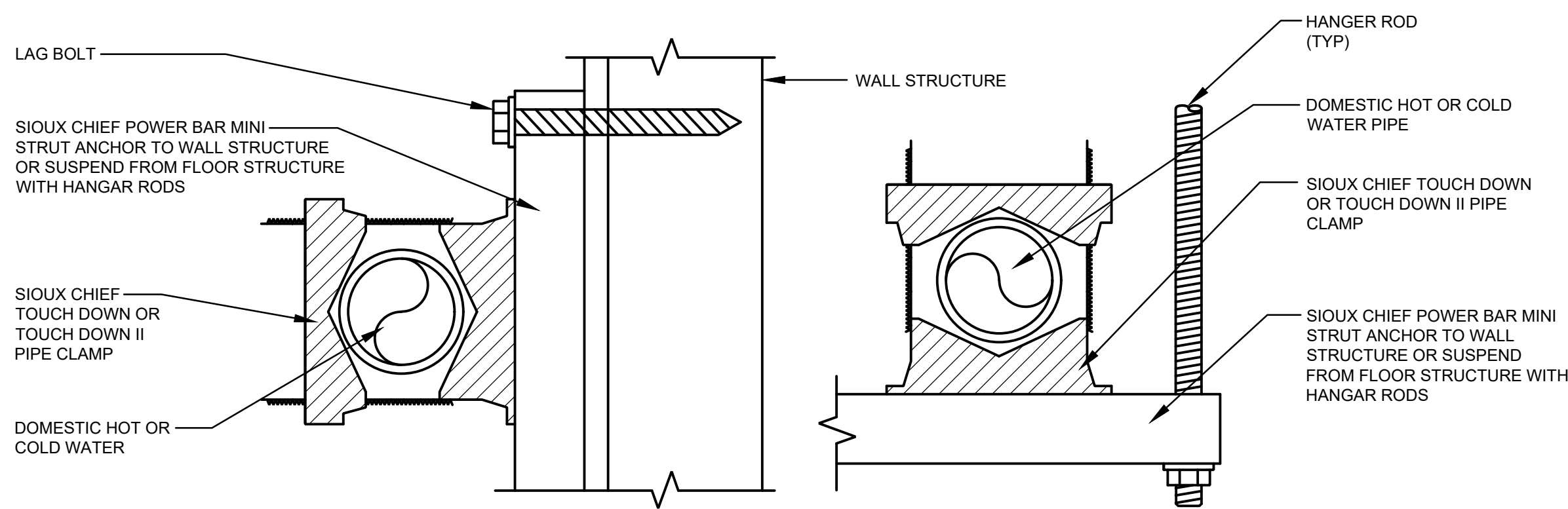


PIPE SUPPORT DETAIL

3

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P502

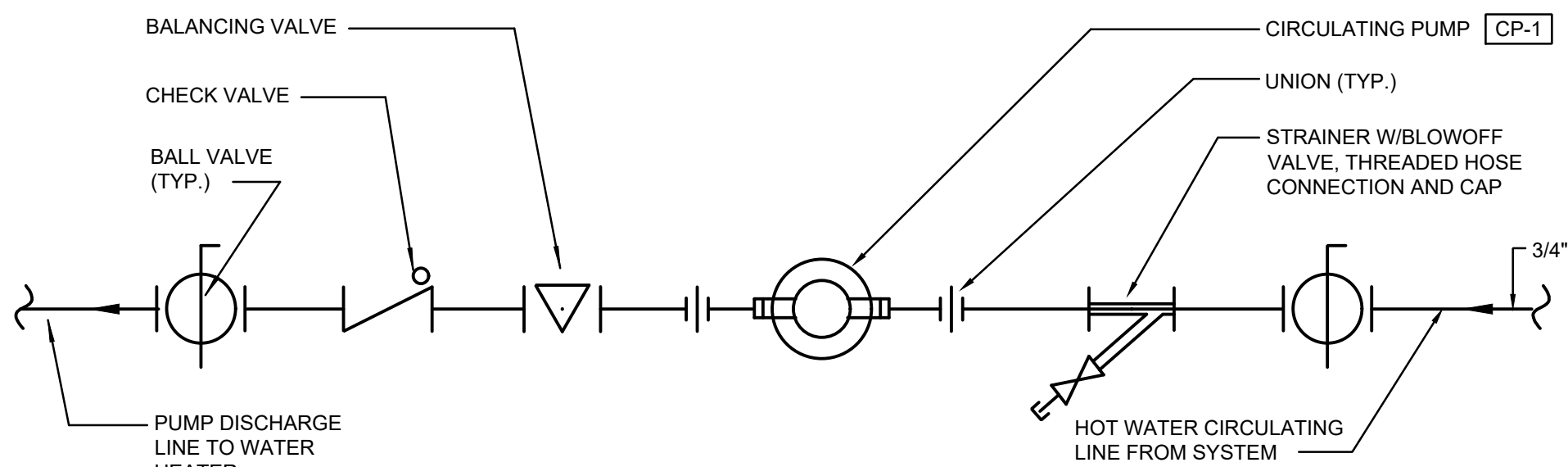


DOMESTIC WATER PIPE SUPPORT DETAIL

4

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P502

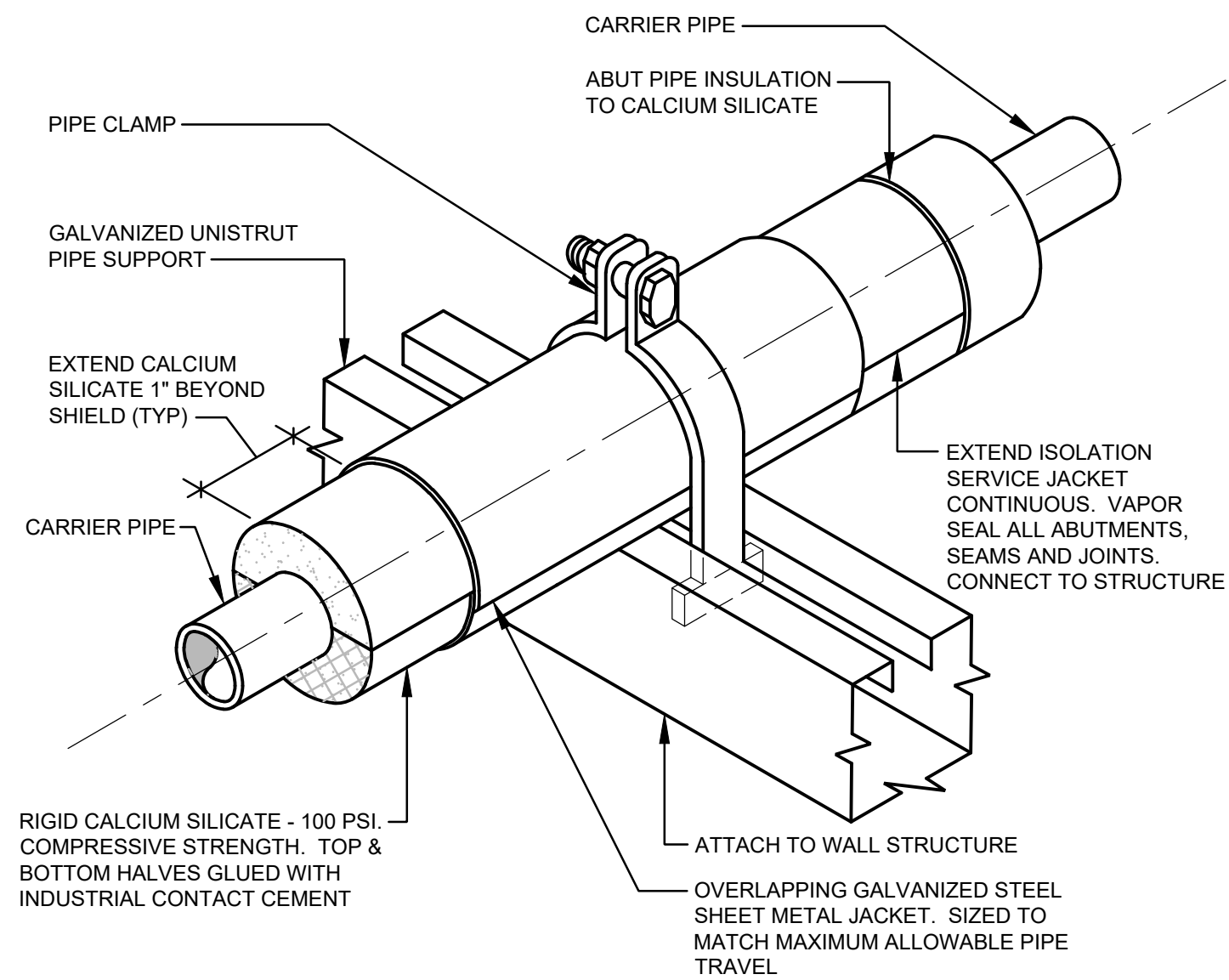


CIRCULATING PUMP DETAIL

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P502

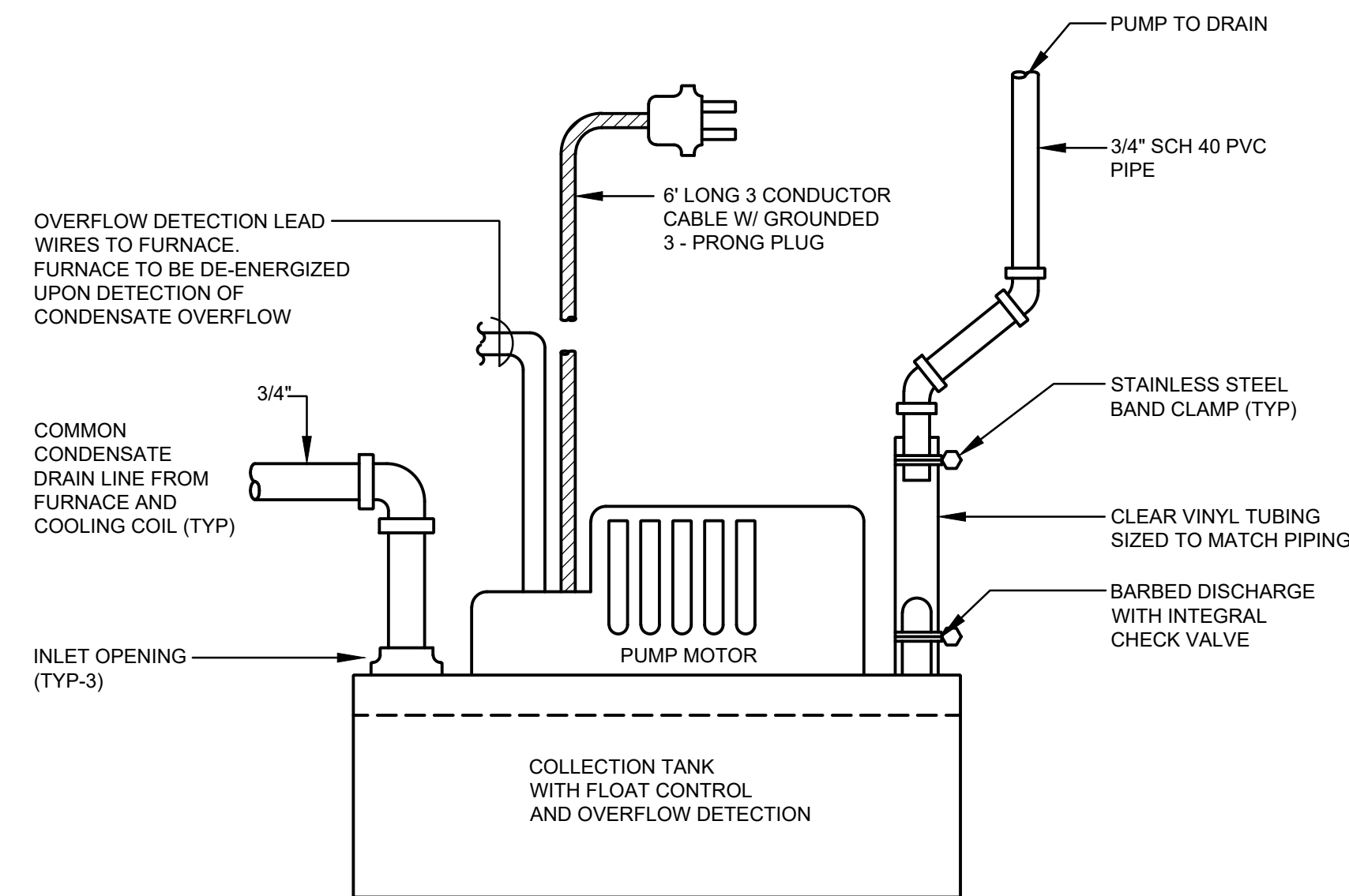


PIPE SUPPORT DETAIL

1

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P502



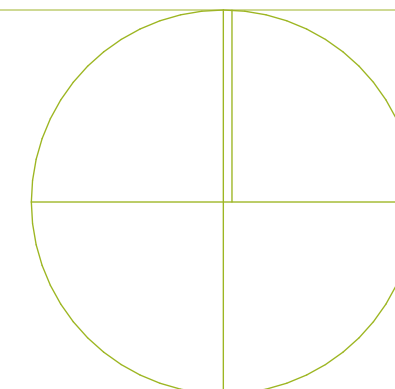
CONDENSATE PUMP DETAIL

2

NOT TO SCALE

P502


NO.	DATE	DESCRIPTION





PLUMBING EQUIPMENT SCHEDULE	
SYMBOL	EQUIPMENT DESCRIPTION
WH-1	WATER HEATER: ELECTRIC STORAGE TANK TYPE, 19 GALLON STORAGE CAPACITY, 3 KW INPUT, 14 GALLON/HR RECOVERY RATE @ 90 DEG F TEMP RISE, FURNISH COMPLETE WITH TEMPERATURE AND PRESSURE RELIEF VALVE AND THREADED HOSE DRAIN CONNECTION. PROVIDE PLATFORM FOR WALL MOUNTING WITH INSULATED BASE AND SEISMIC WALL STRAP MANUFACTURER: BRADFORD WHITE MODEL: RE120U6 ELECTRICAL: 208 VOLT, 1 PHASE, 3 KW ELEMENT SIZE: 18" DIA X 24.75" HIGH OPER WEIGHT: 225 LBS
ET-1	EXPANSION TANK: NON-ASME TYPE, 2.0 GALLON TOTAL VOLUME, 0.45 ACCEPTANCE FACTOR, 1/2" NPT CONNECTION, MAXIMUM WORKING PRESSURE = 150 PSIG, NSF 61 LISTED, MAX ALLOWABLE WORKING TEMP = 200 DEG F MANUFACTURER: AMTROL MODEL: ST-5 ELECTRICAL: NONE SIZE: 8" DIA X 12.75" HIGH OPER WEIGHT: 25 LBS
CP-1	CIRCULATION PUMP: DOMESTIC WATER, BRONZE CONSTRUCTION, STAINLESS STEEL SHAFT, INTEGRAL CHECK VALVE, 2 GPM @ 5 FT HEAD, 1/2" CONNECTIONS, FURNISH COMPLETE WITH AQUASTAT PUMP CONTROLLER SET AT 120 DEG. F. MANUFACTURER: TACO MODEL: 006-IFC ELECTRICAL: 1/25 HP 120 VOLT, 1PHASE SIZE: 2" x 8" x 7" WEIGHT: 10 LBS
LP-1	LIFT PUMP: CONDENSATE LIFT PUMP, 1/2 GALLON STORAGE TANK WITH THREE INLET OPENINGS AND CAP PLUGS, 20 GPH @ 15 FT HEAD, 20 FT MAX HEAD, FLOAT ACTIVATED SWITCH WITH HIGH LEVEL WATER DETECTION AND OVERFLOW DETECTION SWITCH, 3/8" BARBED DISCHARGE ADAPTER WITH INTEGRAL CHECK VALVE. EQUIPPED WITH 6 FT LONG CONDUCTOR AND 3-PRONG GROUNDED PLUG. MANUFACTURER: LITTLE GIANT MODEL: VCMA-20ULST ELECTRICAL: 1/50 HP 120 VOLT, 1PHASE SIZE: 5" x 11" x 7" HIGH WEIGHT: 7 LBS

BUILDING SERVICES PIPING MATERIALS LISTING AND IDENTIFICATION
<b>Potable Water Piping Systems:</b> Above-Grade - Copper pipe and tubing meeting requirements of ASTM B 88, Type L with wrought copper sweat fittings with 95/5 or 96/4 Tin-Antimony solder. Identification: Cold Water (CW): Blue Lettering on White Background. Hot Water ( HW): Red Lettering on White Background.  Above-Grade - Cross-Linked Polyethylene (PEX) tubing meeting requirements of ASTM F876 and ASTM F877 CSA International B137.5, with mechanical flare or crimp fittings>  <b>Sanitary Waste and Vent Piping Systems:</b> Above Grade - ABS Schedule 40 solid-wall ASTM D 2661, plastic pipe and socket type fittings, made to ASTM D 3311, drain, waste, and vent patterns. Joined using pipe cement meeting requirements of ASTM 2235. Identification: Green Lettering on White Background.  <b>Refrigerant Piping Systems:</b> Hard copper tubing meeting requirements of ASTM B 280, hard drawn straight lengths with wrought copper brazed fittings with AWS Classification BCuP-4 Copper Phosphorus or AWS Classification BCuP-5 Copper Phosphorus rods and white brazing or high quality silver solder flux. Identification: Black Lettering on Yellow Background  <b>Natural Gas Piping Systems:</b> Above Grade - Schedule 40 black carbon steel pipe meeting requirements of ASTM A 53 with standard weight butt welded steel forged welding type fittings. Identification: Black Lettering on Yellow Background. Painting: All exposed gas piping on roof shall be painted with two coats of yellow enamel grade paint and stenciled "GAS".  Below Grade - Polyethylene pipe and fittings meeting requirements of ASTM D 2513 with No. 14 coated copper trace wire and warning tape.

PLUMBING FIXTURE SCHEDULE						
SYMBOL	FIXTURE	WASTE	VENT	C.W.	H.W.	NOTES (1)
	DRINKING FOUNTAIN	1-1/2"	1-1/2"	1/2"	--	SINGLE LEVEL - ELECTRIC W/ BOTTLE FILLER - (ADA) 120V /1/60 POWER

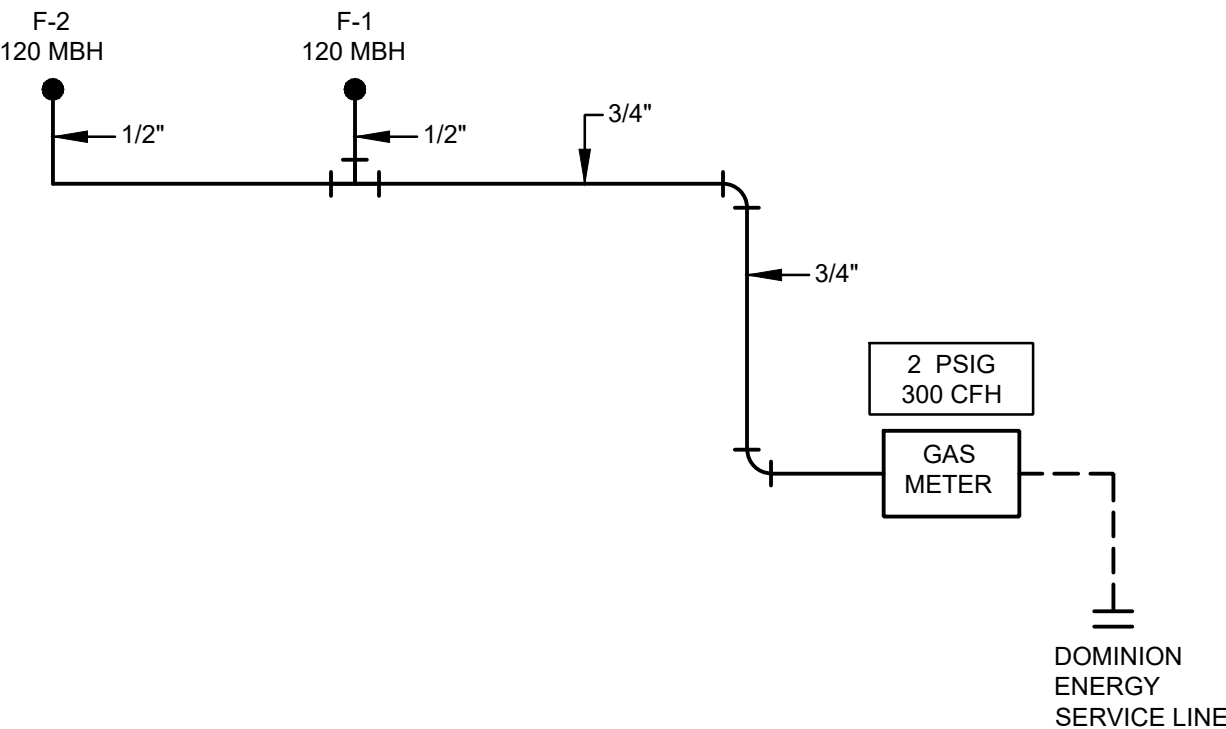
NOTES:  
(1) CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN OR INSTALLATION.

PIPING INSULATION SCHEDULE							
FLUID OPERATING TEMPERATURE RANGE (°F) AND USAGE	INSULATION CONDUCTIVITY		≥ NOMINAL PIPE OR TUBE SIZE, IN.				
	CONDUCTIVITY, BTU IN/ FT <sup>2</sup> °F	MEAN RATING TEMPERATURE, °F	< 1	1 TO < 1-1/2	1-1/2 TO < 4	4 TO < 8	≥ 8
			INSULATION THICKNESS, IN.				
> 350	0.32 TO 0.34	250	4.5	5.0	5.0	5.0	5.0
251 TO 350	0.29 TO 0.32	200	3.0	4.0	4.5	4.5	4.5
201 TO 250	0.27 TO 0.30	150	2.5	2.5	2.5	3.0	3.0
141 TO 200	0.25 TO 0.29	125	1.5	1.5	2.0	2.0	2.0
105 TO 140	0.22 TO 0.28	100	1.0	1.0	1.5	1.5	1.5
400 TO 60	0.21 TO 0.27	75	0.5	0.5	1	1.5	1.5
< 40	0.20 TO 0.29	50	0.5	1.0	1.5	2.0	2.0

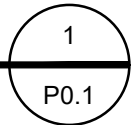
TABLE APPLIES TO ALL DOMESTIC HOT AND COLD WATER SYSTEMS, STORM DRAIN AND REFRIGERANT PIPING SYSTEMS.

NATURAL GAS PIPING SCHEDULE			
EQUIPMENT	INPUT (BTU)	INPUT (CFH)	GAS CONN (IN.)
F-1	120,000	140	1/2"
F-2	120,000	140	1/2"
TOTAL	240,000	280	

TOTAL DEVELOPED PIPE LENGTH = 90 FT  
GAS DELIVERY PRESSURE = 2 PSIG  
METER CAPACITY = 300 CFH



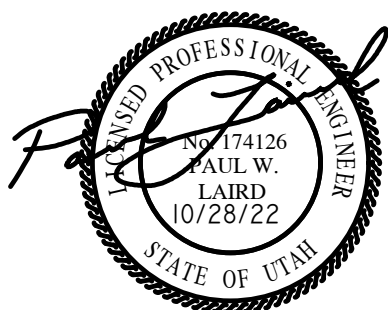
GAS PIPING SCHEMATIC  
NOT TO SCALE



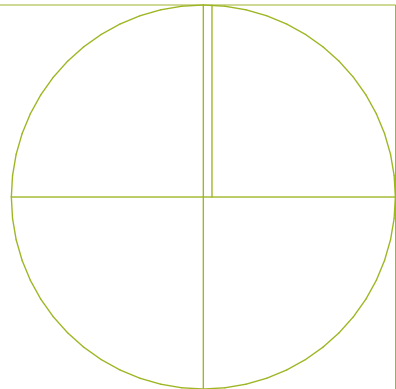
- GENERAL PLUMBING NOTES:
- CODE COMPLIANCE: ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT ADOPTED VERSIONS OF THE INTERNATIONAL BUILDING CODE (IBC), INTERNATIONAL PLUMBING CODE (IPC), INTERNATIONAL FUEL GAS CODE (IFGC) AND NATIONAL ELECTRICAL CODE (NEC) INCLUDING ALL STATE AND LOCAL AMENDMENTS AND LIFE SAFETY CODES ENFORCED OR CURRENTLY IMPLEMENTED BY THE BUILDING AUTHORITY HAVING JURISDICTION IN WHICH THE PROJECT RESIDES.
  - COORDINATION PROCEDURES: CONTRACTOR SHALL COORDINATE ALL PLUMBING (PL) WORK WITH THE ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL (M), FIRE PROTECTION (FP) AND ELECTRICAL TRADES OF THIS PROJECT. REFER TO DRAWINGS, SPECIFICATIONS, SUBMITTALS AND SHOP DRAWINGS OF THE VARIOUS TRADES FOR PROJECT SPECIFIC REQUIREMENTS FOR COORDINATION PURPOSES.
  - DRAWINGS: DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT TO BE SCALED. PIPE ROUTING, PLUMBING EQUIPMENT AND FIXTURE LOCATIONS INDICATED ON THE DRAWINGS IS APPROXIMATE. NO ATTEMPT HAS BEEN MADE TO SHOW ALL PLUMBING OFFSETS, EQUIPMENT AND DEVICES. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL PLUMBING EQUIPMENT AND FIXTURES REQUIRED PRIOR TO BIDDING. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND TRANSITIONS AS NEEDED TO FACILITATE INSTALLATION OF THE PLUMBING SYSTEMS IN HARMONY WITH THE OTHER RESPECTIVE TRADES OF THE PROJECT.
  - EQUIPMENT SELECTIONS: ALL PROJECT EQUIPMENT PROVIDED BY THE CONTRACTOR SHALL BE SELECTED TO MEET AND OPERATE AT THE CAPACITIES INDICATED IN THE CONTRACT DOCUMENTS AT THE JOB SITE CONDITIONS. JOB SITE CONDITIONS INCLUDE ELEVATION ABOVE SEA LEVEL, AMBIENT SUMMER AND WINTER DRY BULB/WET BULB TEMPERATURES, WIND DIRECTION AND PROPERTY LINES.
  - SUBMITTALS: PRODUCT DATA FOR ALL PLUMBING EQUIPMENT AND MATERIALS TO BE PROVIDED BY THE PLUMBING CONTRACTOR SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AS PART OF THE SUBMITTAL PROCESS IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO ORDERING, PURCHASING OR INSTALLATION.
  - WORKMANSHIP: ALL PLUMBING WORK TO BE INSTALLED IN A PROFESSIONAL AND WORKMANLIKE MANNER. INSTALL ALL PRODUCTS AND MATERIALS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND CONSTRUCTION INDUSTRY STANDARDS.
  - INVERTS: ALL INVERT PIPE ELEVATIONS SHOWN ON THE DRAWINGS ARE BASED OFF OF A FINISHED FLOOR ELEVATION OF 100'-0". THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL AND SITE CIVIL CONTRACTOR FOR PIPE CONNECTION LOCATIONS. PLUMBING CONTRACTOR SHALL CONNECT TO THE SITE UTILITY PIPING; MATCHING PIPING SIZE AND MATERIAL OR PROVIDING COMPATIBLE TRANSITIONS.
  - SEISMIC CONDITIONS: ALL PLUMBING PIPING AND EQUIPMENT INSTALLED SHALL BE SEISMICALLY BRACED OR RESTRAINED IN COMPLIANCE WITH REQUIREMENTS IN THE IBC. PROVIDE VIBRATION ISOLATION AND SEISMIC-RESTRAINT DEVICES, RESTRAINTS AND SUPPORTS AS REQUIRED. PROVIDE AND SUBMIT SEISMIC RESTRAINT CALCULATIONS, DETAILS, DESIGN CRITERIA AND ANALYSIS DATA SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.
  - WARRANTY: THE CONTRACTOR SHALL WARRANT TO THE OWNER THAT ALL PLUMBING MATERIALS AND EQUIPMENT FURNISHED UNDER THE CONTRACT WILL BE NEW AND OF GOOD QUALITY, UNLESS OTHERWISE REQUIRED OR PERMITTED BY THE CONTRACT DOCUMENTS, AND THAT THE WORK WILL BE FREE FROM DEFECTS NOT INHERENT IN THE QUALITY REQUIRED OR PERMITTED, AND THAT THE WORK WILL CONFORM TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. WARRANTY PERIOD FOR THIS WORK SHALL EXTEND FOR ONE YEAR AFTER DATE OF SUBSTANTIAL COMPLETION.
  - CHANGES: IF CONCEALED OR UNKNOWN PHYSICAL CONDITIONS ARE ENCOUNTERED AT THE SITE THAT DIFFER MATERIALLY FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS OR FROM THOSE CONDITIONS ORDINARILY FOUND TO EXIST, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE OWNER OR ARCHITECT OF THOSE CONDITIONS. THE CONTRACTOR SHALL BE INSTRUCTED AND DIRECTED ON HOW TO PROCEED WITH ANY REQUIRED CHANGES. THE CONTRACT SUM AND CONTRACT TIME SHALL BE SUBJECT TO EQUITABLE ADJUSTMENT FOR CHANGES TO THE CONTRACT DOCUMENTS FOR SUCH CHANGES. SHOULD THE CONTRACTOR PROCEED WITH THE WORK WITHOUT INSTRUCTION, NOTIFICATION OF CHANGE OR AN APPROVED CHANGE ORDER; HE DOES SO AT HIS OWN FINANCIAL RISK.
  - EXISTING CONDITIONS: PRIOR TO BIDDING OR BEGINNING THE WORK THE CONTRACTOR SHALL CAREFULLY EXAMINE THE BUILDING SITE AND COMPARE THE CONTRACT DOCUMENTS WITH EXISTING CONDITIONS. ACCEPTANCE OF THE CONTRACT IS ACKNOWLEDGMENT BY THE CONTRACTOR THAT HE HAS VISITED THE SITE AND IS AWARE AND ACCEPTING OF THE EXISTING CONDITIONS.
  - CLEANUP: DURING THE CONSTRUCTION AND UPON COMPLETION OF THE WORK, THE PLUMBING CONTRACTOR SHALL REMOVE FROM THE PROJECT SITE ALL UNUSED MATERIALS, EQUIPMENT, PACKAGING AND DEBRIS FOR WHICH THE CONTRACTOR IS RESPONSIBLE. ALL UNUSED MATERIALS, EQUIPMENT, PACKAGING AND DEBRIS NOT ECONOMICALLY RECOVERABLE SHALL BE REMOVED, TRANSPORTED AND LEGALLY DISPOSED OF OFF-SITE.
  - UTILITY INTERRUPTIONS: EXISTING PLUMBING UTILITIES SHALL REMAIN IN SERVICE EXCEPT AS REQUIRED FOR SCHEDULED INTERRUPTIONS. INTERRUPTIONS OF SERVICE OR UTILITIES SHALL BE SCHEDULED WITH THE OWNER AND ARCHITECT AT LEAST TWO WEEKS IN ADVANCE.
  - TIME IS OF THE ESSENCE: THE CONTRACTOR SHALL COMMENCE WORK UNDER THIS CONTRACT UPON RECEIPT OF THE OWNER'S WRITTEN NOTICE TO TO PROCEED. THE CONTRACTOR SHALL COMPLETE THE WORK AND HAVE IT READY FOR SUBSTANTIAL COMPLETION INSPECTION BY THE DATE NOTED IN THE CONTRACT.

### PLUMBING PIPING LEGEND

DESCRIPTION	SYMBOL
WASTE	_____
VENT	-----
COLD WATER	_____
HOT WATER	-----
NATURAL GAS	_____G_____
DRAIN	_____D_____



NO.	DATE	DESCRIPTION





ABBREVIATIONS

(E)	EXISTING
(F)	FUTURE
(N)	NEW
(R)	RELOCATED
(X)	DEMOLISH/DELETE
AFF	ABOVE FINISHED FLOOR
AIC	AMP INTERRUPTING CURRENT (SYMMETRICAL)
AL	ALUMINUM
BG	BELOW GRADE
C	CONDUIT
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CKT	CIRCUIT
CLG	CEILING
CO	CONDUIT ONLY
CTR	ABOVE COUNTER DEVICE
CU	COPPER
EM	EMERGENCY
EMC	DOMESTIC HOT WATER RECIRC.
EWC	ELECTRIC WATER COOLER
EVH	ELECTRIC WATER HEATER
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
GFI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTOR
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
IG	ISOLATED GROUND
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MLO	MAIN LUGS ONLY
NAC	NOTIFICATION APPLIANCE CIRCUIT
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
PNL	PANEL
S	SWITCHED
SPD	SURGE PROTECTIVE DEVICE
ST	SHUNT TRIP
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VR	VANDAL RESISTANT
WG	WIRE GUARD
WP	WEATHER PROOF
XFMR	TRANSFORMER

ELECTRICAL LEGEND

NOTE: ALL ITEMS MAY NOT APPEAR ON DRAWINGS

	SNOW SENSOR		SINGLE RECEPTACLE		DOOR CONTACT
	HEAT TRACE		SPECIAL OUTLET TO MATCH EQUIPMENT PLUG		ELECTRIC STRIKE
	LINEAR SUSPENDED PENDANT FIXTURE		SPECIAL OUTLET TO MATCH EQUIPMENT PLUG, FLUSH IN FLOOR		ELECTRICAL HINGE
	LINEAR SUSPENDED PENDANT FIXTURE (EMERGENCY POWER)		EMERGENCY POWER OFF BUTTON, 46" AFF		ELECTRICAL LATCH
	RECESSED DOWN LIGHT		GENERATOR ANNUNCIATOR		KEYCARD
	RECESSED DOWN LIGHT (EMERGENCY POWER)		JUNCTION BOX		MAGNETIC DOOR HOLDER (WALL OR FLOOR MOUNT)
	RECESSED LIGHT FIXTURE		JUNCTION BOX, FLUSH IN FLOOR		MAGNETIC LOCK
	RECESSED LIGHT FIXTURE (EMERGENCY POWER)		MAGNETIC STARTER		ROUND T.V./SECURITY CAMERA
	RECESSED WALL MOUNTED LIGHT FIXTURE		MANUAL STARTER		SECURITY REQUEST TO EXIT
	RECESSED WALL MOUNTED LIGHT FIXTURE (EMERGENCY POWER)		METER BASE		T.V./SECURITY CAMERA
	CEILING SURFACE / PENDANT SUSPENDED FIXTURE		MOTOR CONNECTION		FIRE ALARM CONTROL MODULE
	EMERGENCY BATTERY LIGHT FIXTURE		MULTI OUTLET ASSEMBLY		FIRE ALARM FSD CONTROL RELAY
	LIGHT TRACK WITH LIGHT FIXTURE		POWER SUPPLY		FIRE ALARM MONITOR MODULE
	STRIP LIGHT FIXTURE		PULL BOX		FIRE SMOKE DAMPER
	SURFACE LIGHT FIXTURE		RELAY		DUCT SMOKE DETECTOR
	SURFACE LIGHT FIXTURE (EMERGENCY POWER)		SPICE BOX		FIRE ALARM MANUAL PULL STATION
	WALL MOUNTED LIGHT FIXTURE		THERMAL SWITCH		FIRE ALARM PRESSURE SWITCH
	WALL MOUNTED LIGHT FIXTURE		THERMOSTAT		FLOW SWITCH
	WALL MOUNTED LIGHT FIXTURE (EMERGENCY POWER)		TRANSFORMER (FLOOR PLAN)		HEAT DETECTOR
	WALL MOUNTED LIGHT FIXTURE (EMERGENCY POWER)		COMBINATION STARTER/FUSED DISCONNECT SWITCH		O.S. & Y. VALVE TAMPER SWITCH
	EXIT LIGHT CEILING		COMBINATION STARTER/NON-FUSED DISCONNECT SWITCH		PHOTO ELECTRIC SMOKE DETECTOR
	WALL MOUNTED EXIT LIGHT		FUSED DISCONNECT SWITCH		RATE OF RISE/THERMAL DETECTOR
	DUAL POLE MOUNTED LIGHT FIXTURE		GENERATOR		FIRE ALARM BELL
	GROUND MOUNTED LIGHT FIXTURE		NONFUSE DISCONNECT SWITCH		FIRE ALARM CHIME
	POLE MOUNTED LIGHT FIXTURE		LIGHTING ARRESTOR		FIRE ALARM CHIME/VISUAL
	POLE TOP MOUNTED LIGHT FIXTURE		RECESSED ELECTRICAL PANELBOARD		FIRE ALARM HORN
	3-WAY KEY SWITCH		RECESSED EQUIPMENT CABINET AS NOTED		FIRE ALARM VISUAL SIGNAL
	3-WAY SWITCH		SURFACE ELECTRICAL PANEL		FIRE ALARM VISUAL SIGNAL WITH HORN
	4-WAY SWITCH		SURFACE EQUIPMENT CABINET		FIRE ALARM VISUAL SIGNAL WITH SPEAKER
	EXPLOSION PROOF		19" TELECOM EQUIPMENT RACK WITH VERTICAL WIRE MGMT.		FIRE ALARM ANNUNCIATOR
	KEY SWITCH		COMMUNICATIONS OUTLET - ABOVE COUNTER: D=DATA, P=TELEPHONE, F=FIBER, # INDICATES QTY. NO DESIGNATION=(2) DATA OUTLET, (1) TELEPHONE OUTLET		FIRE ALARM CONTROL PANEL
	LOW VOLTAGE MASTER		COMMUNICATIONS OUTLET - FLUSH IN FLOOR: D=DATA, P=TELEPHONE, F=FIBER, # INDICATES QTY. NO DESIGNATION=(2) DATA OUTLET, (1) TELEPHONE OUTLET		FIRE ALARM VOICE EVACUATION PANEL
	LOW VOLTAGE SWITCH		COMMUNICATIONS OUTLET: D=DATA, P=TELEPHONE, F=FIBER, # INDICATES QTY.; NO DESIGNATION=(2) DATA OUTLET, (1) TELEPHONE OUTLET		NOTIFICATION APPLIANCE CIRCUIT EXTENDER
	MOMENTARY CONTACT SWITCH		DATA OUTLET-ABOVE COUNTER: # INDICATES QTY.; NO DESIGNATION=(2) DATA OUTLET		REMOTE FIRE COMMAND CENTER
	PILOT LIGHT		DATA OUTLET-FLUSH IN FLOOR-# INDICATES QTY.; NO DESIGNATION=(2) DATA OUTLET		DRAWING NOTE DESIGNATOR
	PUSHBUTTON SWITCH		DATA OUTLET: # INDICATES QTY.; NO DESIGNATION=(2) DATA OUTLET		LIGHT FIXTURE DESIGNATION
	REMOTE CONTROL		TELEPHONE OUTLET - ABOVE COUNTER: # INDICATES QTY.; NO DESIGNATION=(1) TELEPHONE OUTLET		MECHANICAL EQUIPMENT DESIGNATION
	SINGLE POLE SWITCH		TELEPHONE OUTLET - FLUSH IN FLOOR: # INDICATES QTY.; NO DESIGNATION=(1) TELEPHONE OUTLET		CONDUIT CONCEALED IN SLAB, UNDERGROUND OR UNDER FLOOR
	SWITCH WITH VANDAL RESISTANT COVER PLATE		TELEPHONE OUTLET: # INDICATES QTY.; NO DESIGNATION=(1) TELEPHONE OUTLET		CONDUIT CONCEALED IN WALLS, CEILING OR FLOOR
	CONTACTOR		19" TELECOM EQUIPMENT RACK		EQUIPMENT GROUND CONDUCTOR
	DIMMER SWITCH, WALL MOUNT		CABLE TRAY FOR DATA TELEPHONE AND SOUND/PAGING ONLY (NO CONTROL WIRING)		EXISTING CONDUIT
	EMERGENCY CONTROL RELAY UNIT		CLOCK		FLEXIBLE CONDUIT
	OCCUPANCY SENSOR, CEILING MOUNT		CLOCK, WALL MOUNTED		STUB DOWN
	OCCUPANCY SENSOR, WALL MOUNT		INTERCOM STATION, SECURITY		STUB OUT
	PHOTO CELL		RESCUE ANNUNCIATOR STATION		STUB UP
	POWER PACK		RESCUE CALL STATION		200A LOADBREAK MOLDED PRODUCT TERMINATION (15KV)
	SLAVE POWER PACK		SECURITY MOTION SENSOR, CEILING MOUNTED		600A DEADBREAK MOLDED PRODUCT SPLICE (15KV)
	DIGITAL TIME SWITCH		SECURITY MOTION SENSOR, WALL MOUNTED		600A DEADBREAK MOLDED PRODUCT TERMINATION (15KV)
	COMBO FLOORBOX WITH DUPLEX RECEPTACLE AND DATA		WIRELESS TRANSMITTER		BREAKER
	COMBO FLOORBOX WITH QUADRAPLEX RECEPTACLE AND DATA		PUSH BUTTON		BREAKER ENCLOSED
	DUPLEX RECEPTACLE		START-STOP BUTTON		G&W UNIVERSAL CE SPLICE (15KV)
	DUPLEX RECEPTACLE (EMERGENCY POWER)		UP-DOWN-STOP BUTTON		G&W UNIVERSAL CE TERMINATION (15KV)
	DUPLEX RECEPTACLE GFI		BELL		MANHOLE
	DUPLEX RECEPTACLE ISOLATED GROUND		BUZZER		MEDIUM VOLTAGE SPLICE (15KV HEATSHRINK OR LOADSHRINK)
	DUPLEX RECEPTACLE, FLUSH CEILING		CHIME		TRANSFORMER (ONE-LINES)
	DUPLEX RECEPTACLE, FLUSH CEILING ISOLATED GROUND		PROGRAM HORN		AMP (ONE-LINE)
	DUPLEX RECEPTACLE, FLUSH IN FLOOR		CARD READER		CEILING SPEAKER, RECESSED
	DUPLEX RECEPTACLE, PEDESTAL MOUNTED				EQUIPMENT CABINET
	POKE-THRU DEVICE				MICROPHONE RECEPTACLE, FLUSH FLOOR
	QUADRAPLEX RECEPTACLE				MICROPHONE RECEPTACLE, WALL
	QUADRAPLEX RECEPTACLE GFI				SPLITTER
	QUADRAPLEX RECEPTACLE ISOLATED GROUND				T.V. OUTLET
	QUADRAPLEX RECEPTACLE, PEDESTAL MOUNTED				VOLUME CONTROL
	RANGE RECEPTACLE				WALL SPEAKER

DRAWING INDEX

EG1.1	SYMBOLS, ABBREVIATIONS, & DRAWING INDEX
ED1.1	BASEMENT LEVEL ELECTRICAL DEMO PLAN
ED1.2	1ST LEVEL ELECTRICAL DEMO PLAN
EL1.1	1ST LEVEL LIGHTING PLAN
EP1.1	BASEMENT LEVEL POWER PLAN
EP1.2	1ST LEVEL POWER PLAN
EY1.1	BASEMENT LEVEL SYSTEM PLAN
EY1.2	1ST LEVEL SYSTEM PLAN
EY2.1	FIRE ALARM RISER DIAGRAM
EX1.1	MECHANICAL AND PANEL SCHEDULES

NO.	DATE	DESCRIPTION

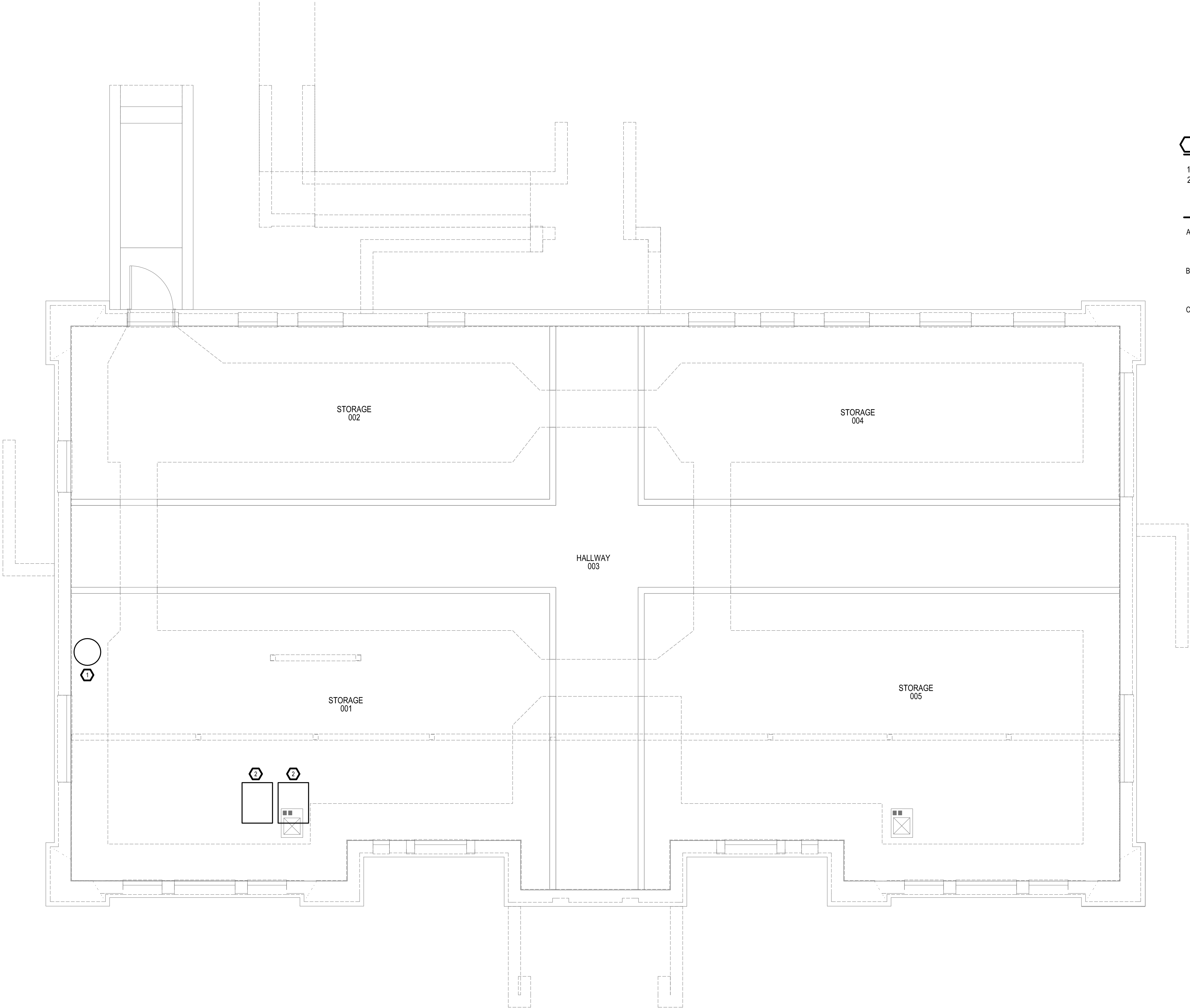


KEYED NOTES

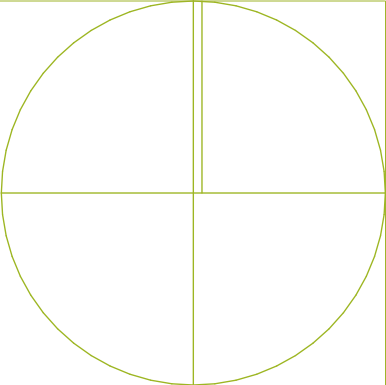
- 1. DEMOLISH THE CIRCUIT TO THE EXISTING WATER HEATER.
- 2. DEMOLISH THE CIRCUIT TO THE EXISTING AC UNIT.

GENERAL NOTES

- A. FOR ITEMS AND CIRCUITS BEING DEMOLISHED; ALL CONDUITS, WIRE, BOX SUPPORTS ARE TO BE REMOVED. DO NOT ABANDON ITEMS IN PLACE. IF A DOWNSTREAM DEVICE IS TO REMAIN, MAINTAIN THE CIRCUIT INTEGRITY A REPAIR AS REQUIRED.
- B. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO REQUIRE THE CONTRACTOR TO MAKE ALL NECESSARY ADJUSTMENTS TO THE ELECTRICAL SYSTEM, REQUIRED TO MEET CODE, AND ACCOMMODATE INSTALLATION OF THE NEW WORK.
- C. LOCATIONS OF ITEMS SHOWN ON THE DRAWINGS AS EXISTING ARE PARTIALLY BASED ON AS-BUILT AND OTHER DRAWINGS WHICH MAY CONT. ERRORS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN PR TO BIDDING AND PROVIDE LABOR AND MATERIALS AS IS NECESSARY TO ACCOMPLISH THE INTENT OF THE CONTRACT DOCUMENTS. THE PLAN MAY SHOW SOME DEMOLITION CONDITIONS, BUT ARE NOT INTENDED TO SHOW ALL OF THEM.



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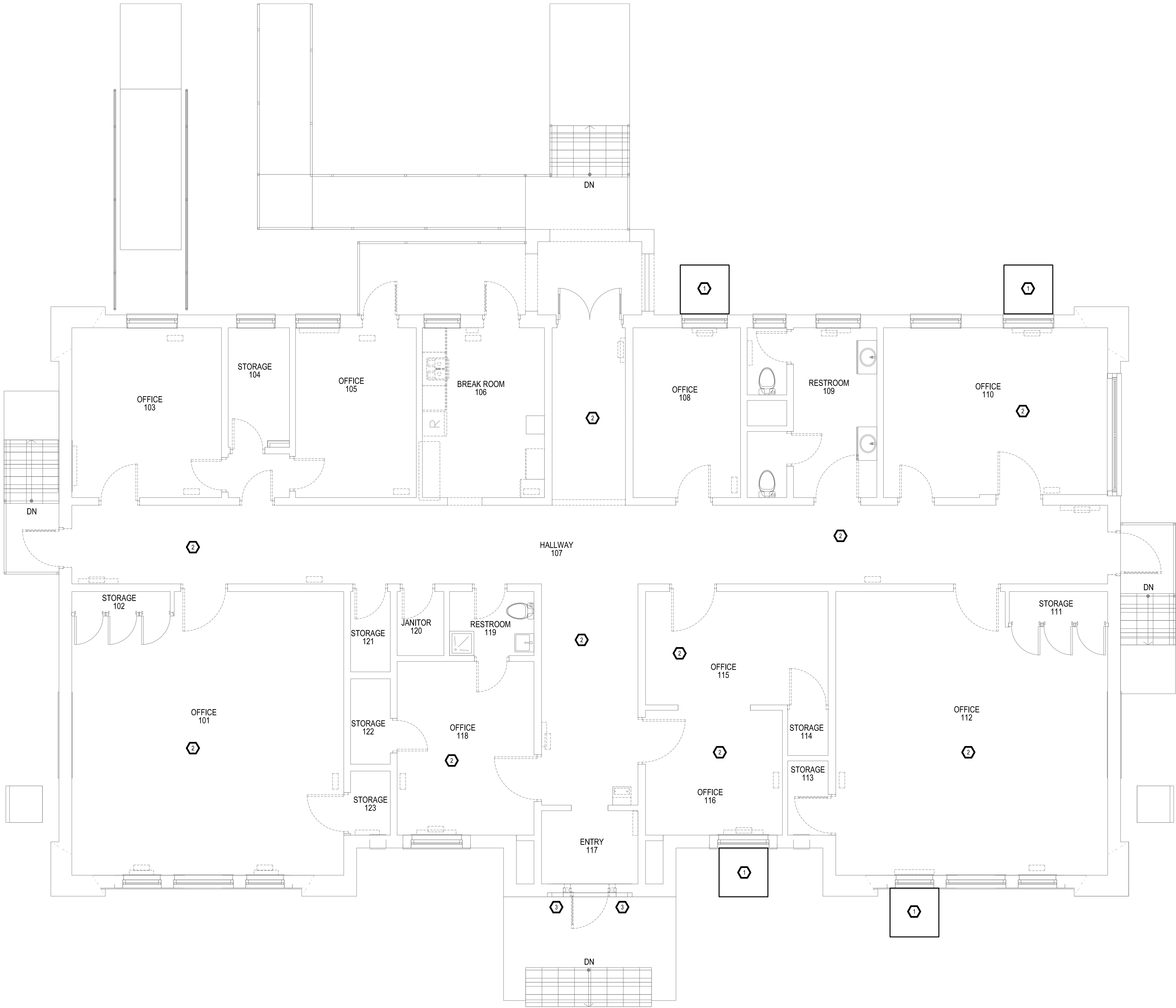


KEYED NOTES

- 1. DEMOLISH THE EXISTING CIRCUIT TO THE EVAPORATIVE COOLER.
- 2. DEMOLISH ALL EXISTING LIGHT FIXTURES AND CONTROLS IN THIS AREA.
- 3. DEMOLISH EXISTING ENTRY LIGHT FIXTURES AND CONTROLS.

GENERAL NOTES

- A. FOR ITEMS AND CIRCUITS BEING DEMOLISHED: ALL CONDUITS, WIRE, BOX/ SUPPORTS ARE TO BE REMOVED. DO NOT ABANDON ITEMS IN PLACE. IF A DOWNSTREAM DEVICE IS TO REMAIN, MAINTAIN THE CIRCUIT INTEGRITY AND REPAIR AS REQUIRED.
- B. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO REQUIRE THE CONTRACTOR TO MAKE ALL NECESSARY ADJUSTMENTS TO THE ELECTRICAL SYSTEM, REQUIRED TO MEET CODE, AND ACCOMMODATE INSTALLATION OF THE NEW WORK.
- C. LOCATIONS OF ITEMS SHOWN ON THE DRAWINGS AS EXISTING ARE PARTIALLY BASED ON AS-BUILT AND OTHER DRAWINGS WHICH MAY CONTAIN ERRORS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN PRIOR TO BIDDING AND PROVIDE LABOR AND MATERIALS AS IS NECESSARY TO ACCOMPLISH THE INTENT OF THE CONTRACT DOCUMENTS. THE PLAN MAY SHOW SOME DEMOLITION CONDITIONS, BUT ARE NOT INTENDED TO SHOW ALL OF THEM.



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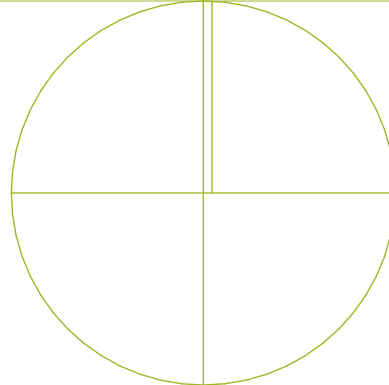
OCS - ANNEX BUILDING REMODEL  
1950 MONROE BLVD , OGDEN, UT



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DATE: 10.26.22  
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1ST LEVEL DEMO FLOOR  
PLAN

ED1.2

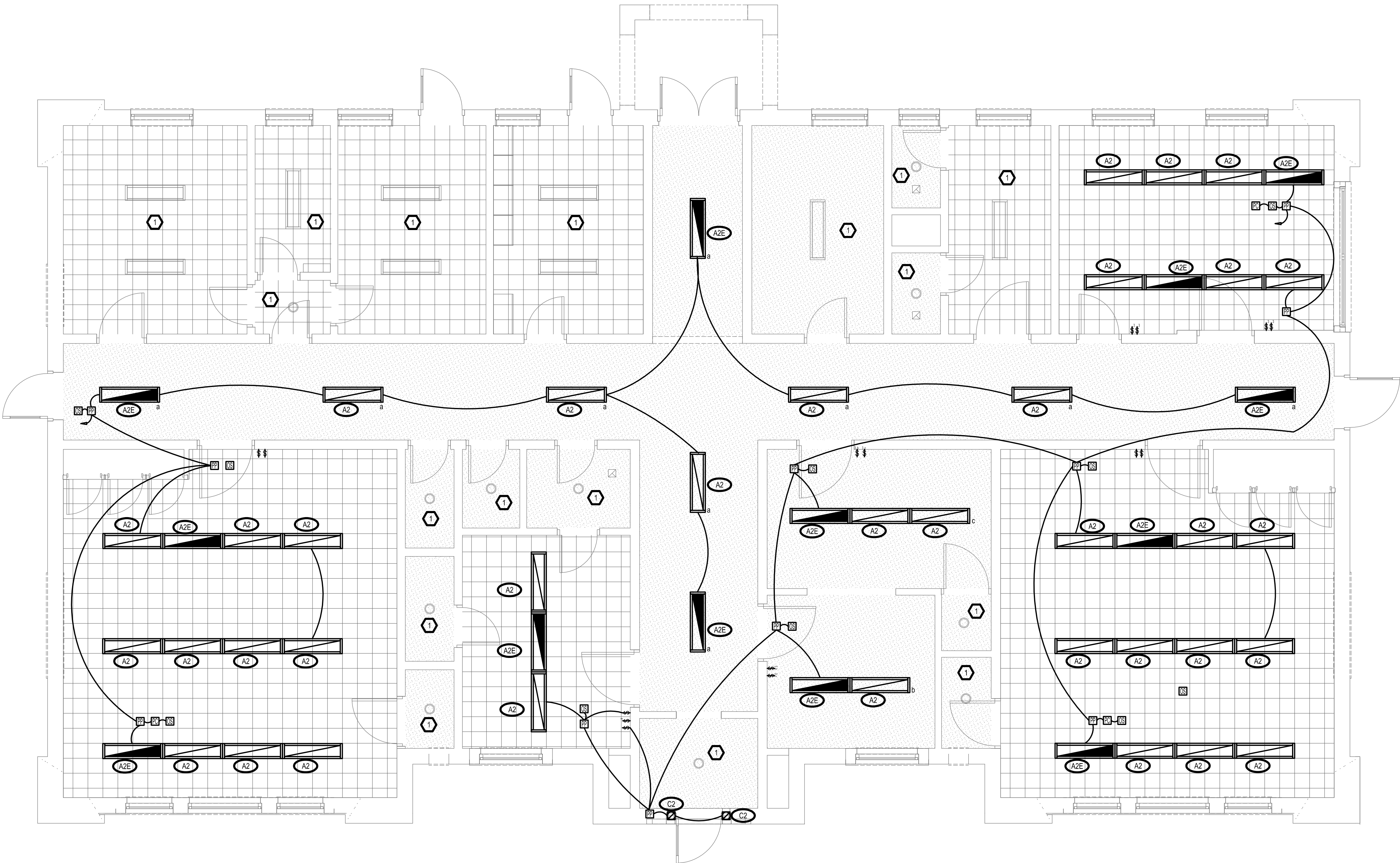


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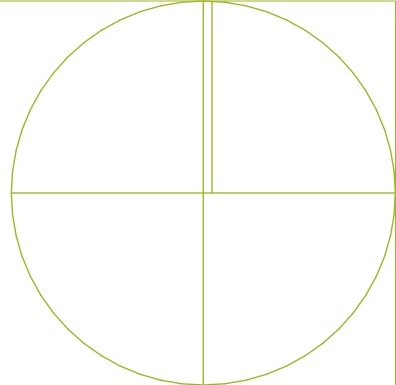
1. NO LIGHTING MODIFICATIONS ARE EXPECTED IN THIS AREA.
2. TIE NEW LIGHTING TO EXISTING LIGHTING CIRCUIT.
3. LIGHTING IN THIS AREA IS CONTROLLED THROUGH PHOTOCELL AND SWITCHES. PROGRAM LIGHTING SO THE PHOTOCELL TAKES PRECEDENCE OVER THE SWITCH.
4. LIGHTING OCCUPANCY SENSORS ARE TO BE SET TO VACANCY MODE SUCH THAT THE LIGHT MUST BE MANUALLY TURNED ON AND WILL AUTOMATICALLY TURN THE LIGHT OFF AFTER A SET TIME WITHOUT TRIGGERING THE SENSOR.

GENERAL NOTES

- A. FOR ITEMS AND CIRCUITS BEING DEMOLISHED: ALL CONDUITS, WIRE, BOXES, SUPPORTS ARE TO BE REMOVED. DO NOT ABANDON ITEMS IN PLACE. IF A DOWNSTREAM DEVICE IS TO REMAIN, MAINTAIN THE CIRCUIT INTEGRITY AND REPAIR AS REQUIRED.
- B. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO REQUIRE THE CONTRACTOR TO MAKE ALL NECESSARY ADJUSTMENTS TO THE ELECTRICAL SYSTEM, REQUIRED TO MEET CODE, AND ACCOMMODATE INSTALLATION OF THE NEW WORK.
- C. LOCATIONS OF ITEMS SHOWN ON THE DRAWINGS AS EXISTING ARE PARTIALLY BASED ON AS-BUILT AND OTHER DRAWINGS WHICH MAY CONTAIN ERRORS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN PRIOR TO BIDDING AND PROVIDE LABOR AND MATERIALS AS IS NECESSARY TO ACCOMPLISH THE INTENT OF THE CONTRACT DOCUMENTS. THE PLANS MAY SHOW SOME DEMOLITION CONDITIONS, BUT ARE NOT INTENDED TO SHOW ALL OF THEM.



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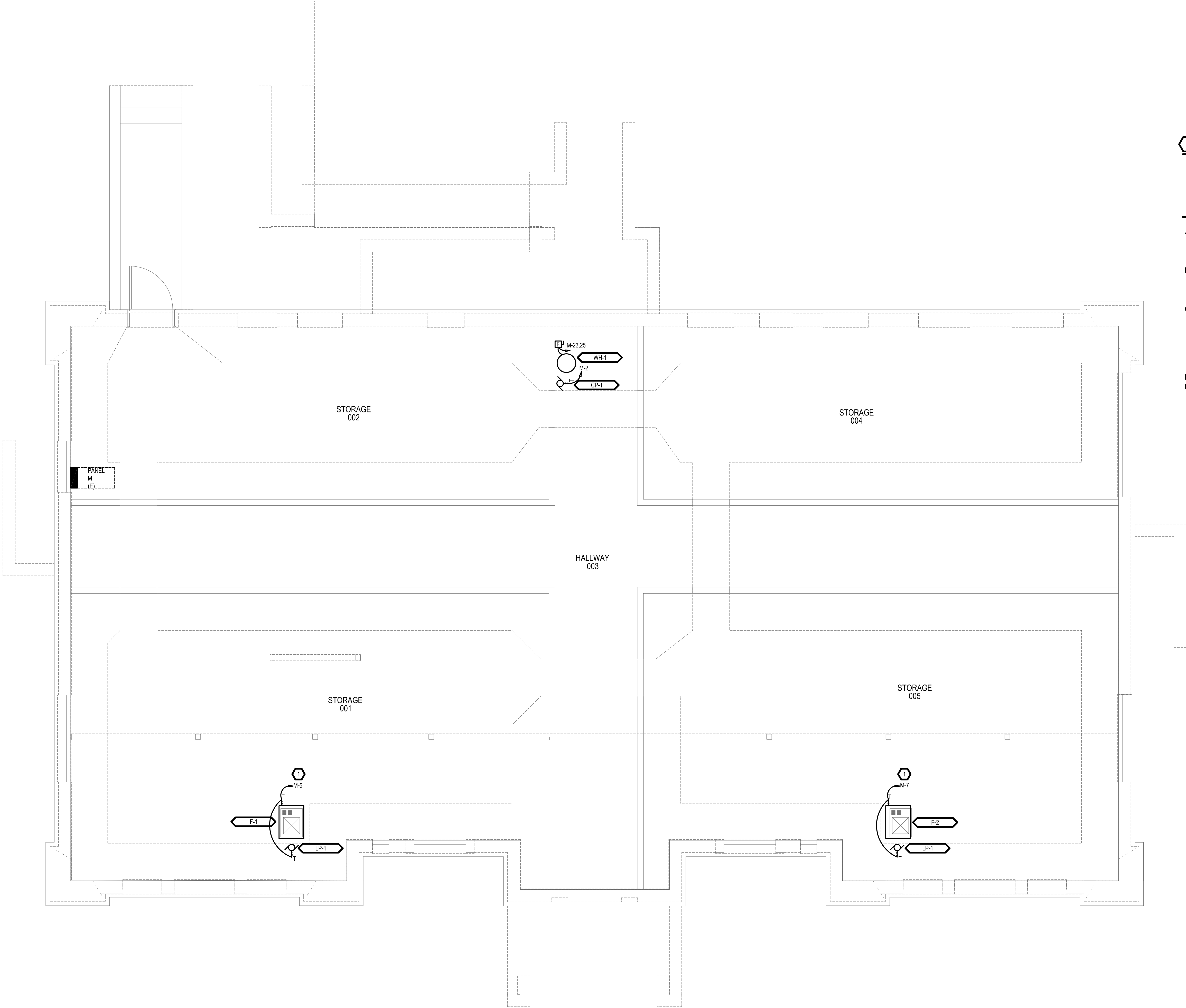


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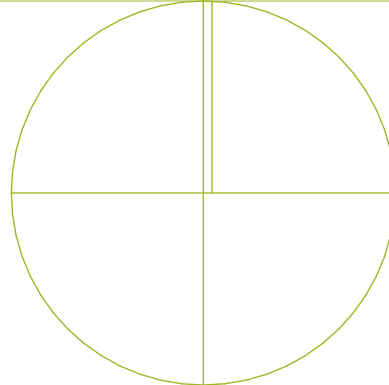
- USE THE SPARE 20A/1P BREAKER IN PANEL M.
- PROVIDE A NEW 20A/2P BREAKER IN EXISTING PANEL M.

GENERAL NOTES

- A. FOR ITEMS AND CIRCUITS BEING DEMOLISHED; ALL CONDUITS, WIRE, BOX SUPPORTS ARE TO BE REMOVED. DO NOT ABANDON ITEMS IN PLACE. IF A DOWNSTREAM DEVICE IS TO REMAIN, MAINTAIN THE CIRCUIT INTEGRITY A REPAIR AS REQUIRED.
- B. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO REQUIRE THE CONTRACTOR TO MAKE ALL NECESSARY ADJUSTMENTS TO THE ELECTRICAL SYSTEM, REQUIRED TO MEET CODE, AND ACCOMMODATE INSTALLATION OF THE NEW WORK.
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- D. THE EXISTING PANEL M IS A CUTLER-HAMMER POW-R-LINE C, PRL1A
- E. THE EXISTING PANEL I IS A SQUARE D NQO MODEL



NO.	DATE	DESCRIPTION



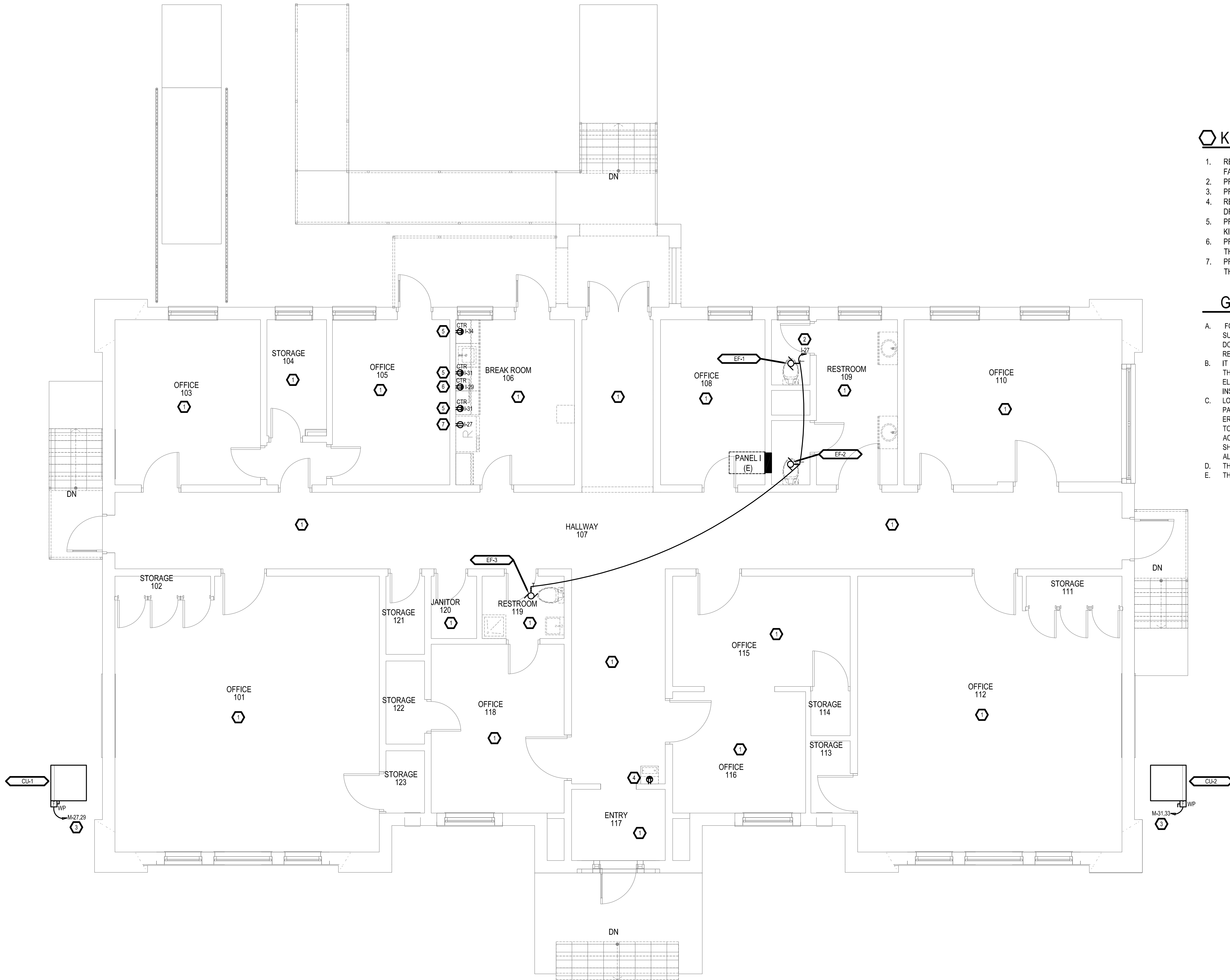


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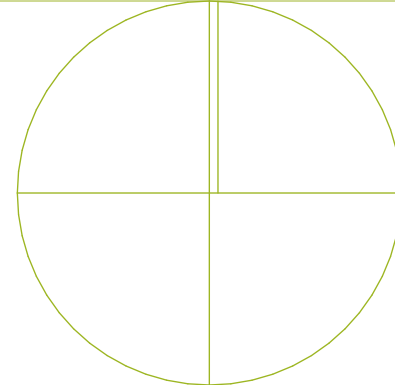
1. REPLACE ALL RECEPTACLES WITH NEW RECEPTACLES AND FACEPLATES.
2. PROVIDE A NEW 20A/1P BREAKER IN EXISTING PANEL I.
3. PROVIDE A NEW 50A/2P BREAKER IN EXISTING PANEL M.
4. REUSE THE DRINKING FOUNTAIN CIRCUIT FROM PANEL I FOR THE N DRINKING FOUNTAIN.
5. PROVIDE A NEW 20A/1P BREAKER IN EXISTING PANEL I FOR THE KITCHEN COUNTER RECEPTACLES.
6. PROVIDE A NEW 20A/1P BREAKER IN EXISTING PANEL I DEDICATED f THE MICROWAVE.
7. PROVIDE A NEW 20A/1P BREAKER IN EXISTING PANEL I DEDICATED f THE FRIDGE.

GENERAL NOTES

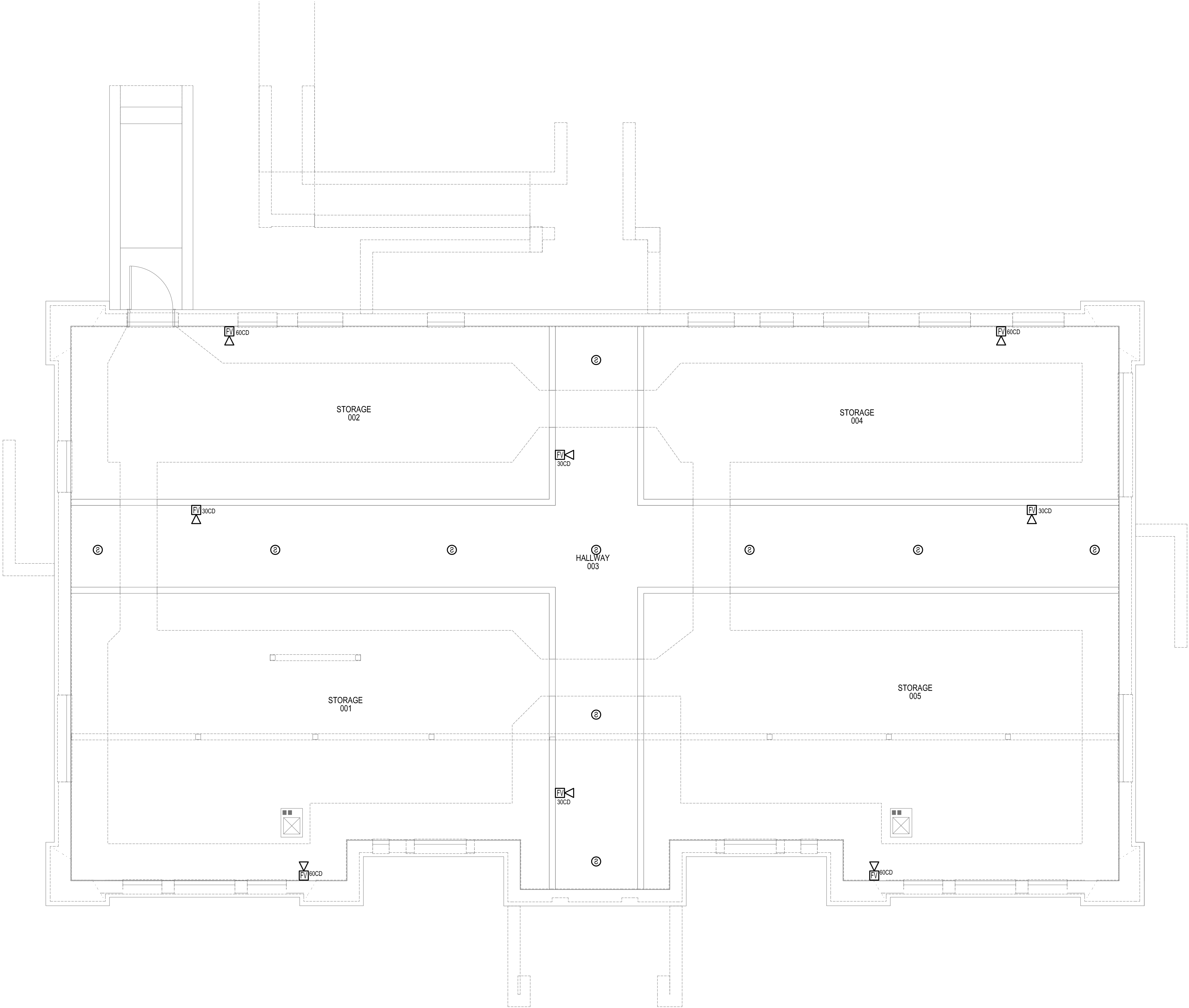
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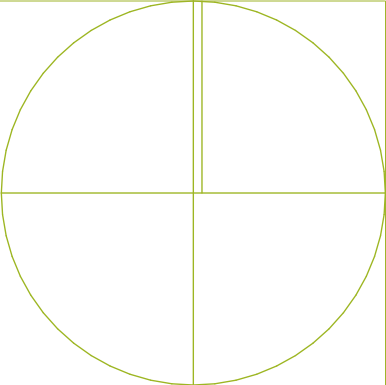
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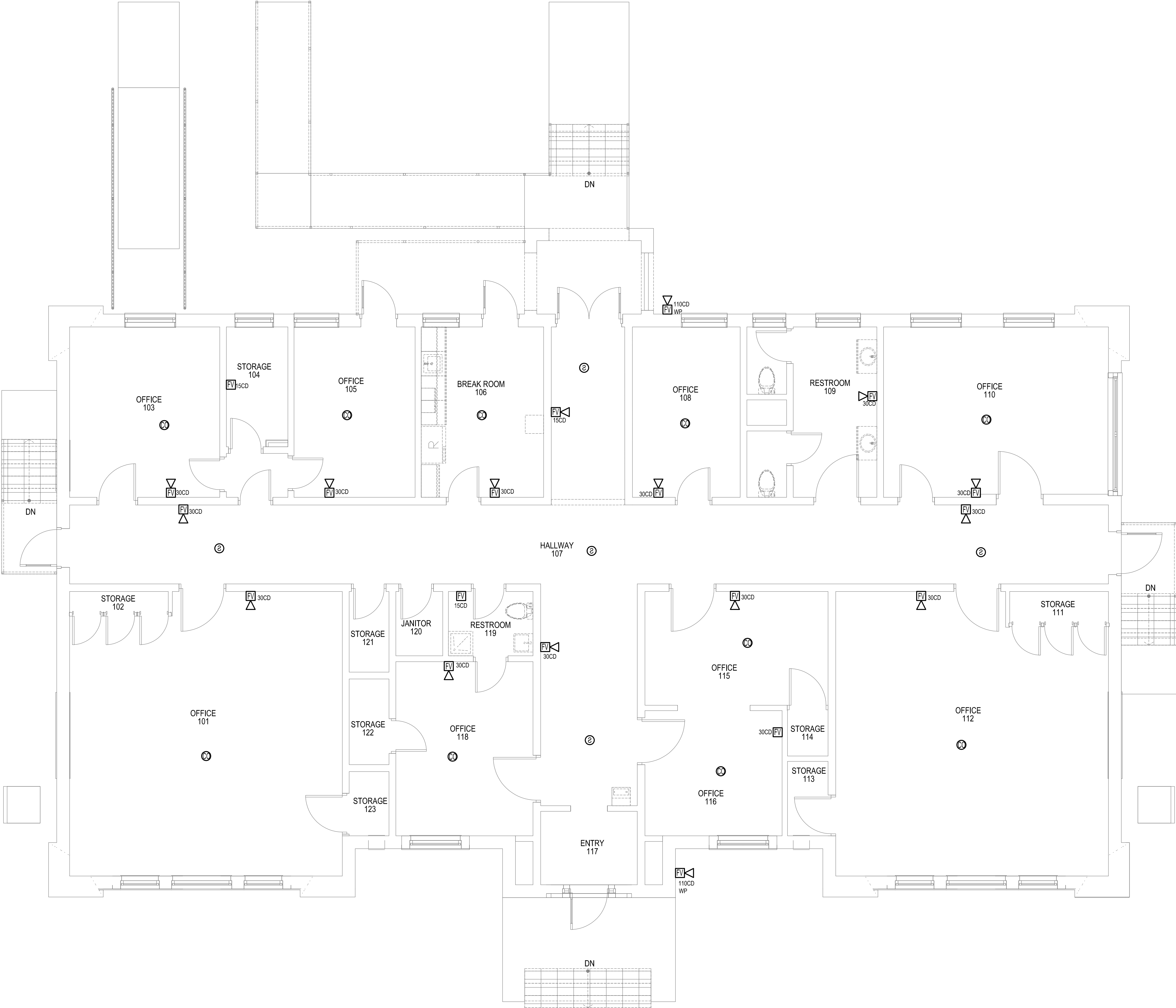




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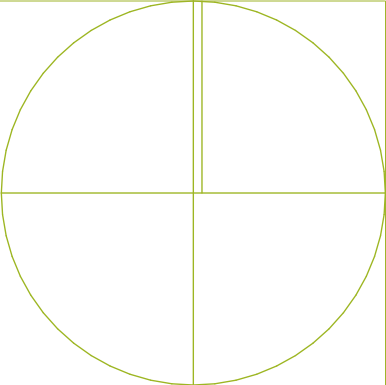
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DATE: 10.26.22  
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MECHANICAL EQUIPMENT SCHEDULE																							
DESCRIPTION		VOLT	PH	HP		WATTS		MCA	FLA	AMPS	DISCONNECT				STARTER			WIRING REQUIREMENTS				NOTES	
ID #	NAME			RATING	AMPS	RATING	AMPS				MANUAL STARTER	SIZE	FUSE SIZE	FURN. BY	TYPE	SIZE	FURN. BY	WIRES		GROUND	CONDUIT		BREAKER
F-1	FURNACE	120	1	1	16.0						YES			DIV 26			2	#	10	1 # 10	3/4"	25	
F-2	FURNACE	120	1	1	16.0						YES			DIV 26			2	#	10	1 # 10	3/4"	25	
CU-1	CONDENSING UNIT	208	1					35.0				60	45	DIV 26			2	#	8	1 # 10	3/4"	50	
CU-2	CONDENSING UNIT	208	1					35.0				60	45	DIV 26			2	#	8	1 # 10	3/4"	50	
EF-1	EXHAUST FAN	120	1	1/6	4.4						YES			DIV 26			2	#	12	1 # 12	3/4"	20	
EF-2	EXHAUST FAN	120	1	1/6	4.4						YES			DIV 26			2	#	12	1 # 12	3/4"	20	
EF-3	EXHAUST FAN	120	1	1/6	4.4						YES			DIV 26			2	#	12	1 # 12	3/4"	20	
WH-1	WATER HEATER	208	1			3000.0	14.4					30	20	DIV 26			2	#	12	1 # 12	3/4"	20	
CP-1	CIRCULATION PUMP	120	1				1.0				YES			DIV 26			2	#	12	1 # 12	3/4"	20	
LP-1	LIFT PUMP	120	1				1.0				YES			DIV 26			2	#	12	1 # 12	3/4"	20	

PANEL: M (EX)																	
120	/	208	4	W	3	PH	225 Amps			Main Lugs							KAIC
DESCRIPTION		TYPE	LOAD	BKR	P	CKT	A	B	C	CKT	BKR	P	TYPE	LOAD	DESCRIPTION		
PANEL I (EX)				100	2	1	528			2	20	1	M	528	CP-1		
-				-	-	3		0		4	20	1			LIGHTING CONTROL (EX)		
FURNACE F-1		M	1920	20	1	5			1920	6	20	1			COPY MACHINE (EX)		
FURNACE F-2		M	1920	20	1	7	1920			8	20	1			FILE SERVER (EX)		
RECEPTACLES (EX)				20	1	9		0		10	20	1			SPARE		
LIGHTING (EX)				20	2	11			0	12	20	1			SPARE		
-				-	-	13	0			14	20	2			LIGHTING (EX)		
LIGHTING (EX)				20	2	15		0		16	-	-			-		
-				-	-	17			0	18	30	2			LIGHTING (EX)		
UNMARKED				30	2	19	0			20	-	-			-		
-				-	-	21		0		22	20	2			UNMARKED		
WH-1		M	1500	20	2	23			1500	24	-	-			-		
-		M	1500	-	-	25	1500			26							
CU-1		M	3640	50	2	27		3640		28							
-		M	3640	-	-	29			3640	30							
CU-2		M	3640	50	2	31	3640			32							
-		M	3640	-	-	33		3640		34							
						35			0	36							
						37	0			38							
						39		0		40							
						41			0	42							
							7588	7280	7060								
CONNECTED LOAD		21.9		KVA				60.9	Amps								
NEC DEMAND LOAD		21.9		KVA				60.9	Amps								

PANEL: I (EX)																		
120		/	240	3		W	1	PH	100			Amps		Main Breaker				KAC
DESCRIPTION			TYPE	LOAD	BKR	P	CKT	A	B	CKT	BKR	P	TYPE	LOAD	DESCRIPTION			
EXISTING LOAD					20	1	1	0		2	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	3		0	4	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	5	0		6	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	7		0	8	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	9	0		10	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	11		0	12	30	2				EXISTING LOAD		
EXISTING LOAD					20	1	13	0		14	-	-				-		
EXISTING LOAD					20	1	15		0	16	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	17	0		18	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	19		0	20	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	21	0		22	20	1				EXISTING LOAD		
EXISTING LOAD					20	1	23		0	24	50	2				EXISTING LOAD		
EXISTING LOAD					20	1	25	0		26	-	-				-		
EXHAUST FANS		M		1584	20	1	27		1584	28								
							29	0		30								
							31		0	32								
							33	0		34								
							35		0	36								
							37	0		38								
MAIN BREAKER							100		0	40								
-							-	0		42								
								0	1584									
CONNECTED LOAD				1.6	KVA					6.6	Amps							
NEC DEMAND LOAD				1.6	KVA					6.6	Amps							

