

# SPH Egress Renovation



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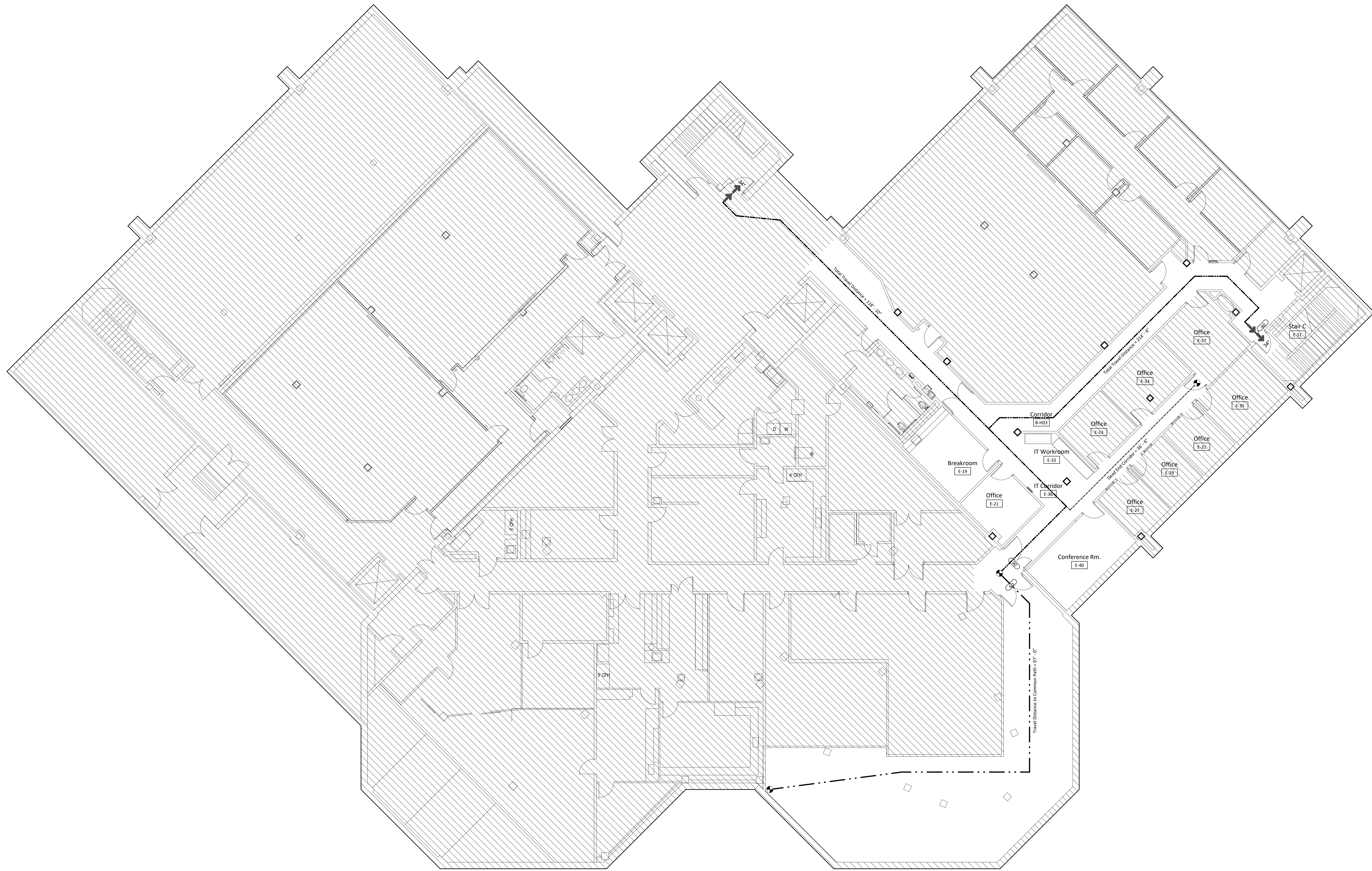








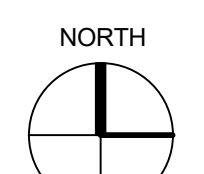
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Note: This plan provided to show exit path only

#### Legend - Fire Safety

- Building exit, clear exit width in inches
- Fire extinguisher cabinet location
- Longest travel path
- Path of longest exit travel
- Door and frame fire rating in minutes



## SPH Egress Renovation



### Fire Safety Plan

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P/W Commission Number

Sheet Number

216-063R

G-110



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No.	Date	Description
1	02/10/2017	Issued for Construction

Project:

## SPH Egress Renovation



### Demolition Plan

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- Demolition Plan - Key Notes**
- 1 Demolish existing walls and doors
  - 2 Existing walls to remain
  - 3 Removal of security devices by Owner
  - 4 Remove existing chain link fence; maintain clear path of egress throughout entire length of storage room
  - 5 Locate existing opening in shear wall; verify location and size of opening and demolish any infill if applicable
  - 6 Existing sink and minework to remain
  - 7 Existing door and frame to remain
  - 8 Demolish existing wall up to this point
  - 9 Existing equipment to remain
  - 10 Existing TV to be removed and relocated; confirm location with owner and provide stud blocking at new location.
  - 11 Remove existing door, frame and hardware

- General Notes - Demolition Floor Plan**
1. General Contractor shall repair / replace any ceiling and flooring to match existing affected from construction of this project.
  2. Refer to MEP drawings for all Mechanical, Electrical and Plumbing demolition work and existing to remain conditions. Contractor shall cap all involved wiring, plumbing, or ducting and make any necessary changes on respective electrical panels, unless directed otherwise by Engineers.
  3. Before starting the demolition work, confirm all dimensions and other existing conditions in the field. Report any discrepancies to the Engineer and Architect.
  4. Contractor to provide protection, as required during construction, at all open utilities clean-outs, gas valves, etc.)
  5. Remove existing ceiling grid, tiles, accessories and light fixtures throughout area of construction.
  6. Contractor to demolish and dispose of all items shown / noted to be removed, unless otherwise noted. Items noted to be reused or returned to Owner shall be cleaned thoroughly by Contractor.
  7. Return all demolished Fire alarm system components, medical gas outlets, thermostats, emergency exit lights, HVAC mixing valves, public address / paging system speakers, medical telemetry system components, master clocks, overhead exam lights (on track / slide ceiling mounts) time clocks, Xenon Wireless antennas, patient information display monitors, and Nurse call systems U.N.O. to Owner. Contractor to verify such equipment items with Owner prior to demolition. See floor plans for renovation work.
  8. Patch openings in fire walls and floors with appropriate material or assembly to match existing fire rating. See sheet G-104 for Firestopping and MEP drawings for additional information. See Plumbing drawings for locations of piping installation.
  9. The building will remain occupied during demolition / renovation. Contractor to coordinate shut-downs and tie-ins to all mechanical, electrical, plumbing, communications, fire alarms, and sprinkler systems to minimize disruptions to building occupants and other operations.
  10. Contractor to coordinate with Owner proper building access, approved construction material laydown space, material delivery paths, and location of dumpsters and water disposal, prior to construction.
  11. Contractor to protect existing smoke detectors and sprinkler heads during demolition / construction to prevent accidental trigger of alarm system.
  12. Contractor will be responsible for the protection of existing furniture, equipment, finishes, etc. During demolition / renovation items damaged will be repaired or replaced with new at contractor's expense.
  13. Contractor to provide and maintain corridor access and fire egress requirements during all phases of construction.
  14. Contractor to protect existing doors, frames, and hardware during construction / renovation. Contractor to paint any existing frames remaining after construction to match existing. Clean and refurbish any salvaged door hardware for re-installation. Replace any non-code compliant hardware with new to match existing building standards.
  15. Coordinate with School of Public Health security for removal of all existing cameras, card readers, etc. prior to demolition.
  16. Contractor shall adhere to all School of Public Health interim life safety, infection control measures, and indoor air quality control standards at all times. Non-compliance may result in the shut-down of activities, in which no extension or additional costs to the owner will be allowed.
  17. Maintenance of indoor air quality is critical in all areas of facilities. Construction causing disturbance of existing dust, or creating new dust, odors, debris, etc. must be conducted in tight enclosures that prohibits the flow of particles into sensitive areas. The Contractor is required to provide dust barriers as determined by the School of Public Health Project Manager, Environmental Health and Safety, and / or Infection Control. The project shall be considered to be class I / IAQ construction. The Contractor shall additionally comply with keyed notes / general notes contained on drawings where they exceed the standard requirements of class I / IAQ construction.
  18. Contractor to remove all existing corner guard, marker/lack/peg boards, wall clocks, wall mounted equipment, etc. during demolition and return to Owner. Reinstall items, as required, after construction.

**Legend - Floor/Demo Plan**

- Existing to be removed
- \_\_\_ Existing to remain
- \_\_\_\_ New Partitions
- ▨ Area not in contract

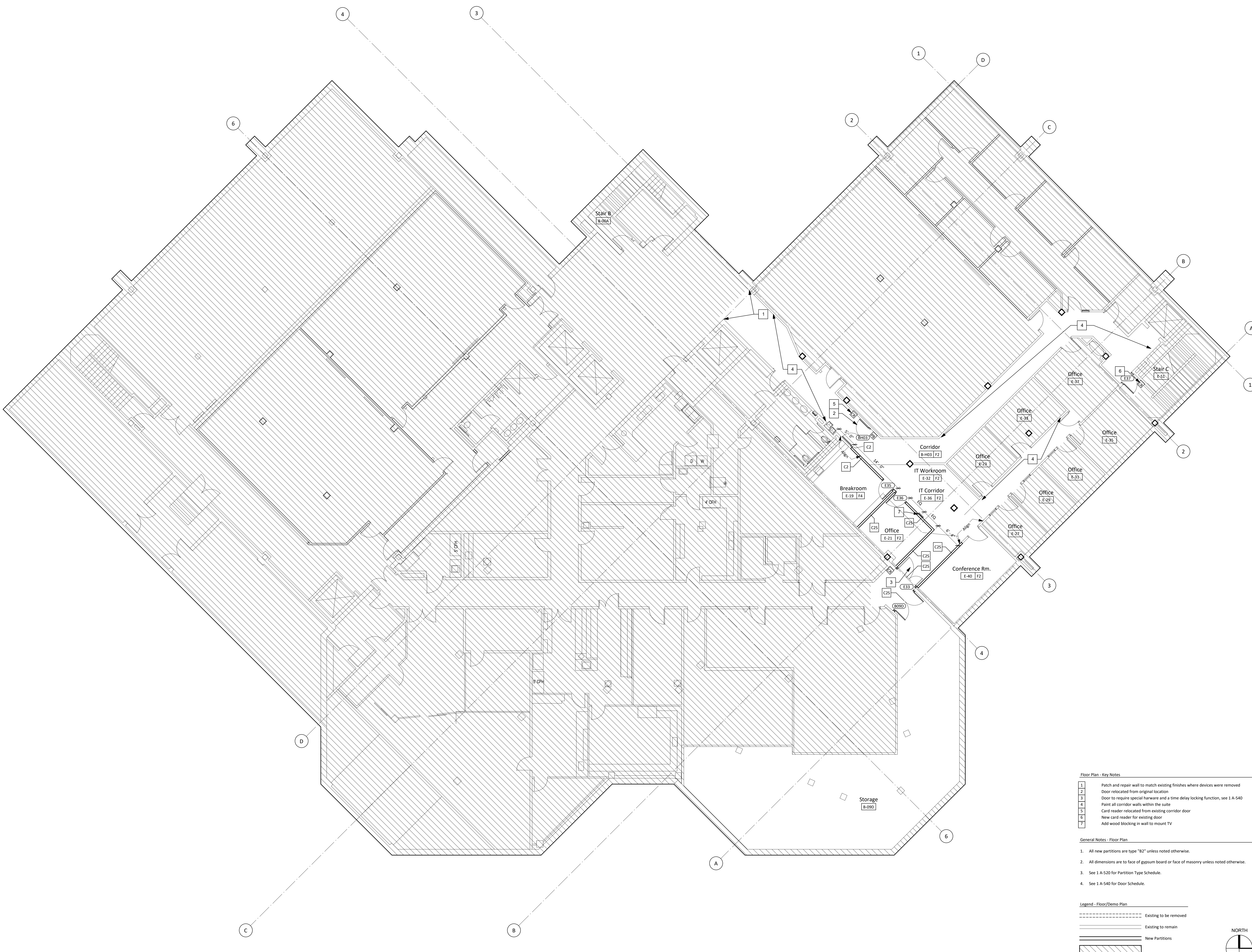
NORTH

1/8" = 1'-0" 1

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### Issues / Revisions

No.	Date	Description
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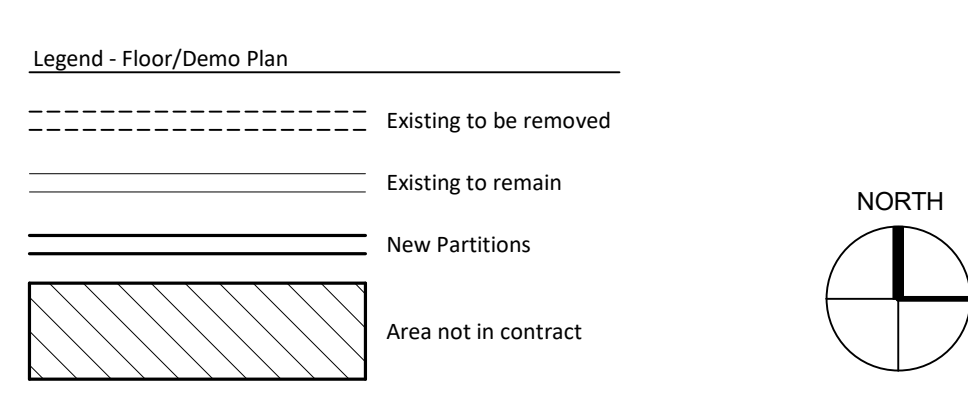
## SPH Egress Renovation



### Floor Plan

- Floor Plan - Key Notes**
- 1 Patch and repair wall to match existing finishes where devices were removed
  - 2 Door relocated from original location
  - 3 Door to require special hardware and a time delay locking function, see 1 A-540
  - 4 Paint all corridor walls within the suite.
  - 5 Card reader relocated from existing corridor door
  - 6 New card reader for existing door
  - 7 Add wood blocking in wall to mount TV

- General Notes - Floor Plan**
- 1. All new partitions are type "B2" unless noted otherwise.
  - 2. All dimensions are to face of gypsum board or face of masonry unless noted otherwise.
  - 3. See 1 A-520 for Partition Type Schedule.
  - 4. See 1 A-540 for Door Schedule.

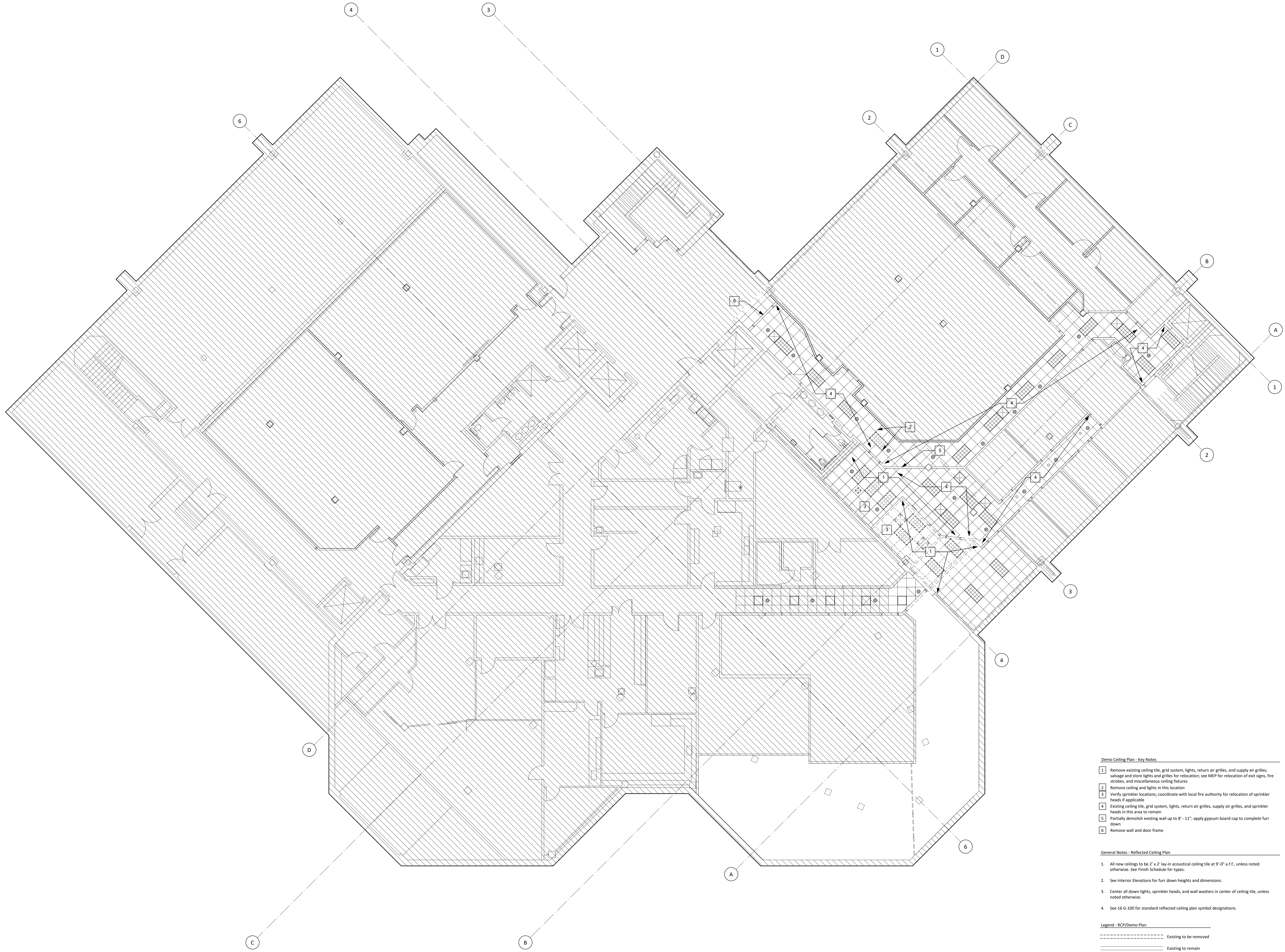


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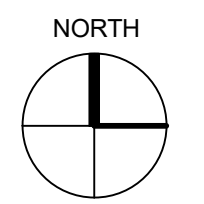


- Demolition Plan - Key Notes**
- Remove existing ceiling tile, grid system, lights, return air grilles, and supply air grilles; salvage and store lights and grilles for relocation; see MEP for relocation of exit signs, fire strobes, and miscellaneous ceiling fixtures
  - Remove ceiling and lights in this location
  - Verify sprinkler locations; coordinate with local fire authority for relocation of sprinkler heads if applicable
  - Existing ceiling tile, grid system, lights, return air grilles, supply air grilles, and sprinkler heads in this area to remain
  - Partially demolish existing wall up to 8" - 11"; apply gypsum board cap to complete furr down
  - Remove wall and door frame

- General Notes - Reflected Ceiling Plan**
- All new ceilings to be 2' x 2' lay-in acoustical ceiling tile at 9'-0" a.f.f., unless noted otherwise. See Finish Schedule for types.
  - See Interior Elevations for furr down heights and dimensions.
  - Center all down-lights, sprinkler heads, and wall washers in center of ceiling tile, unless noted otherwise.
  - See 16-G-100 for standard reflected ceiling plan symbol designations.

**Legend - RCP/Demo Plan**

-----	Existing to be removed
_____	Existing to remain
=====	New Partitions
[Hatched Box]	Area not in contract



Issues / Revisions

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### Reflected Ceiling Plan - Demolition

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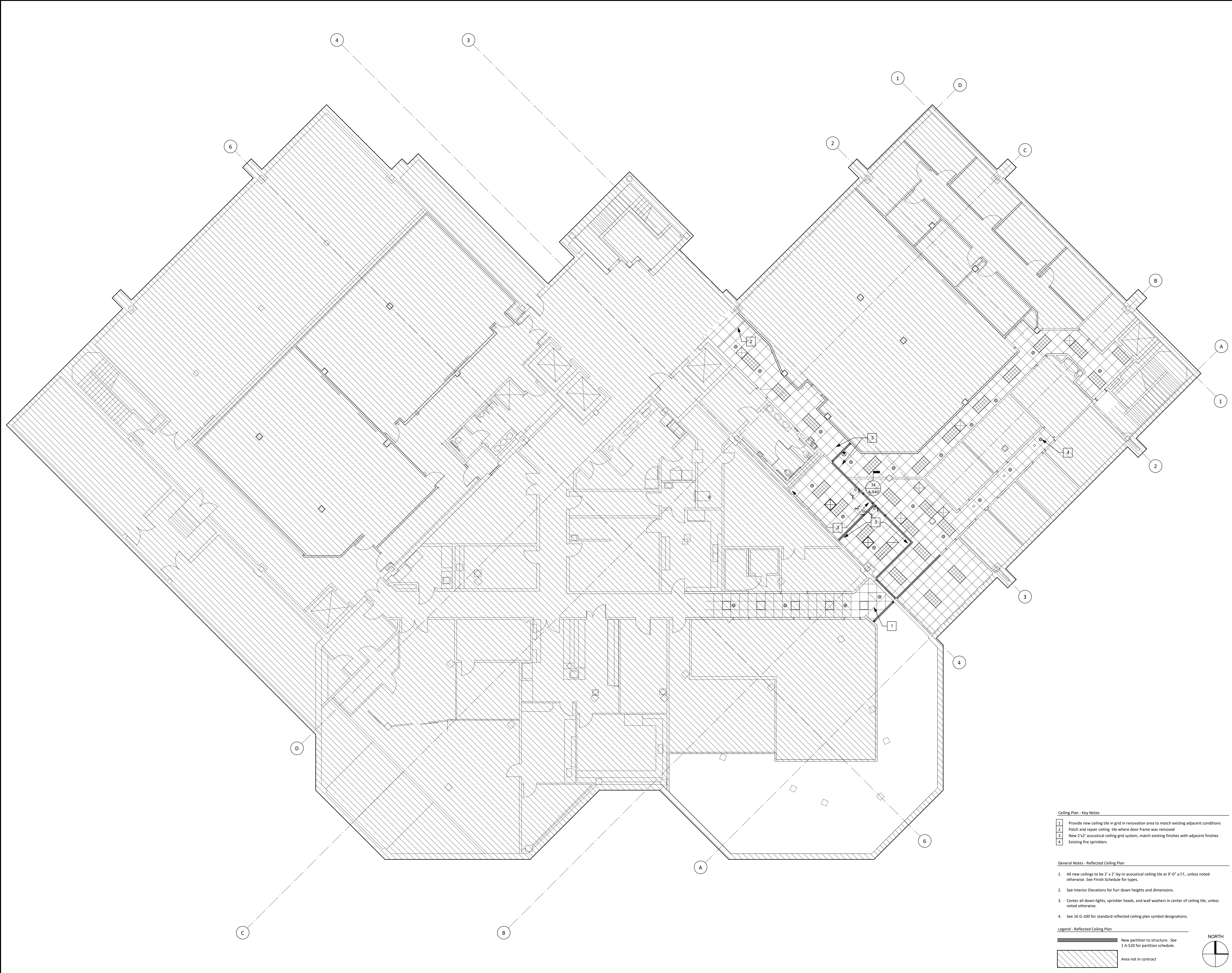
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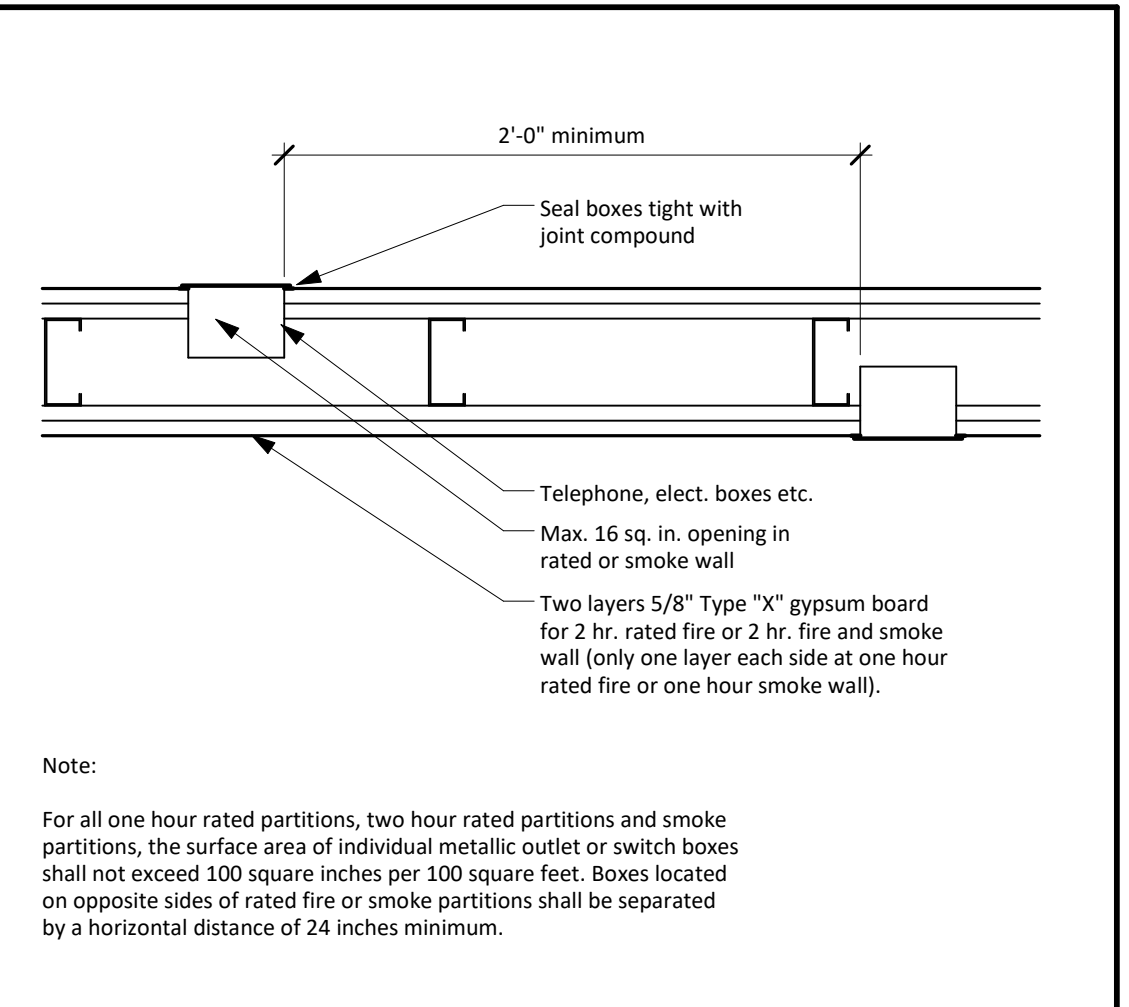
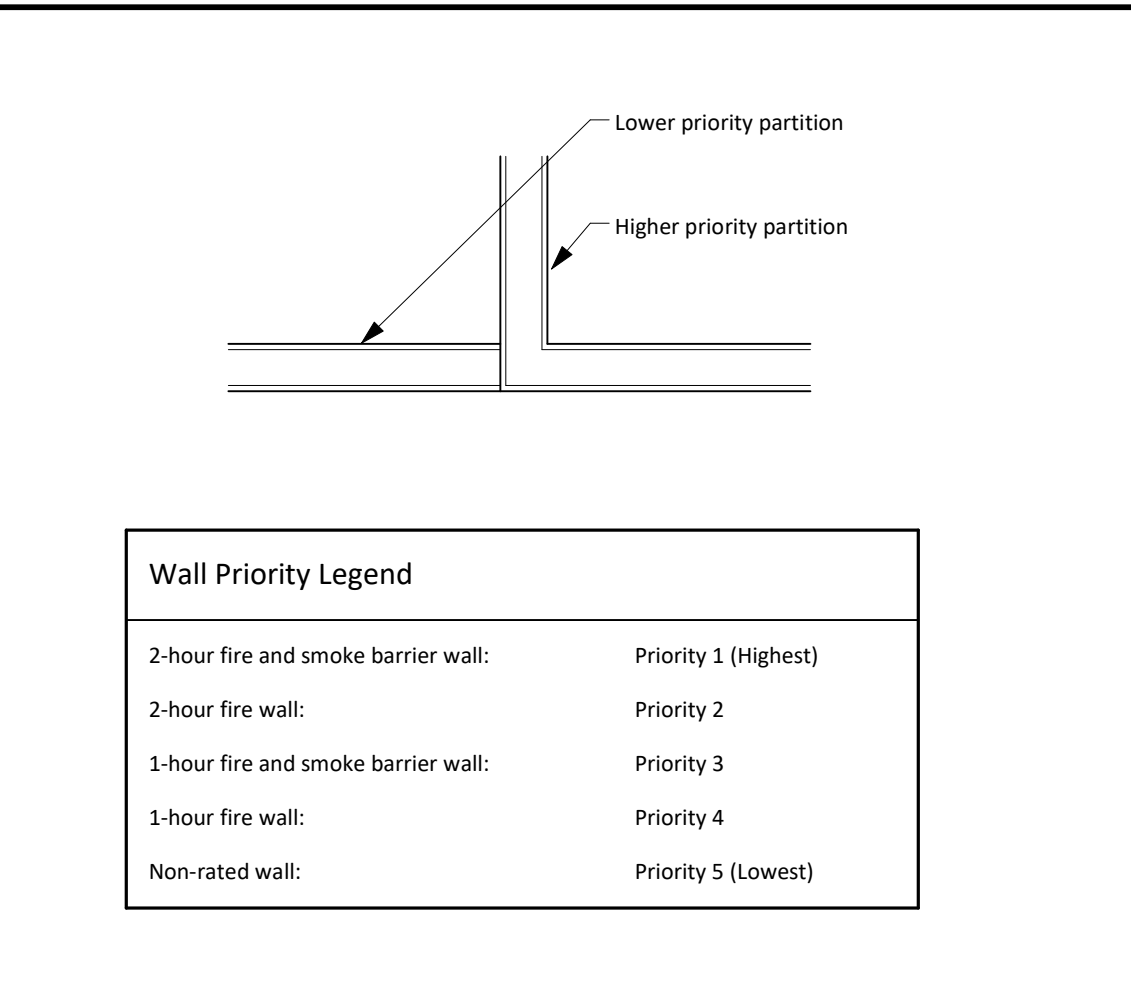
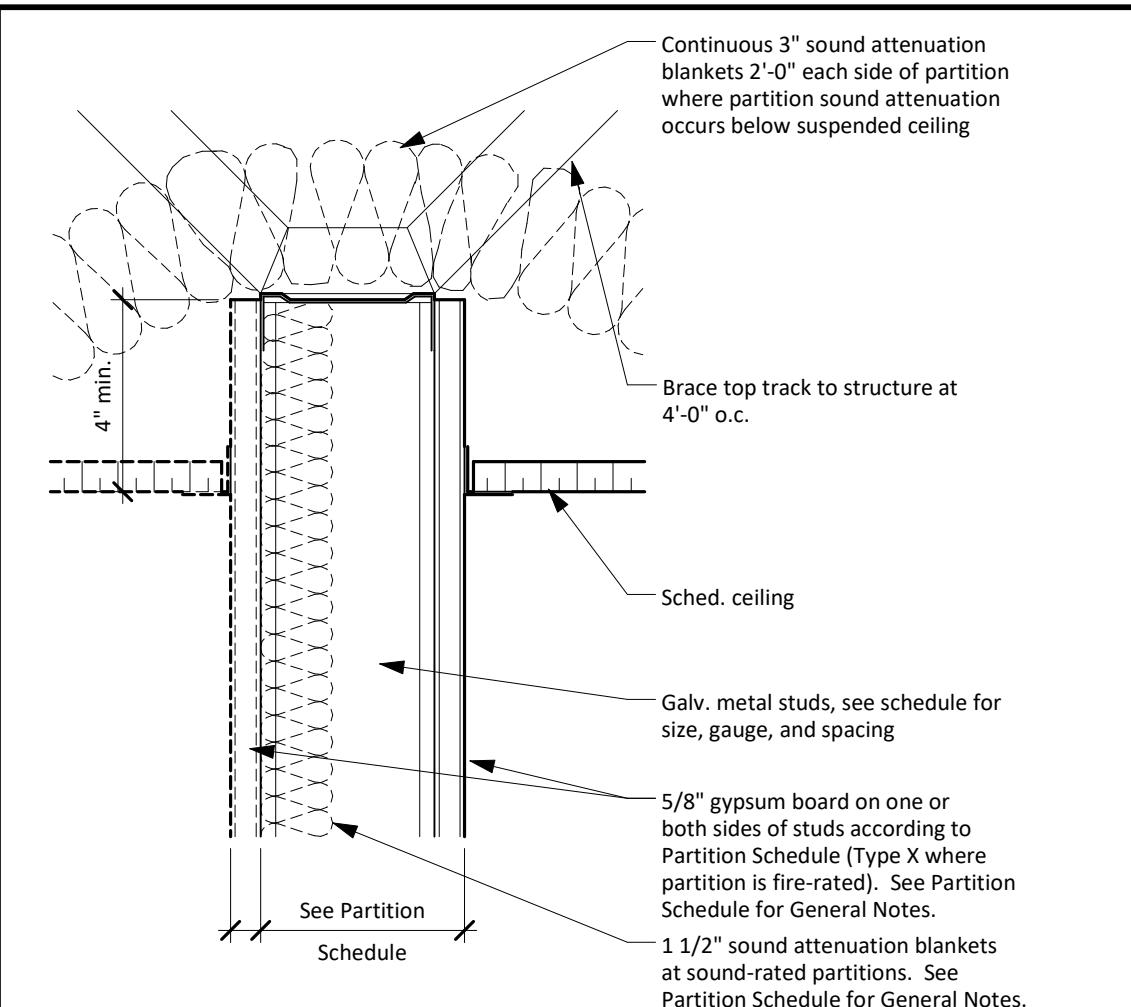
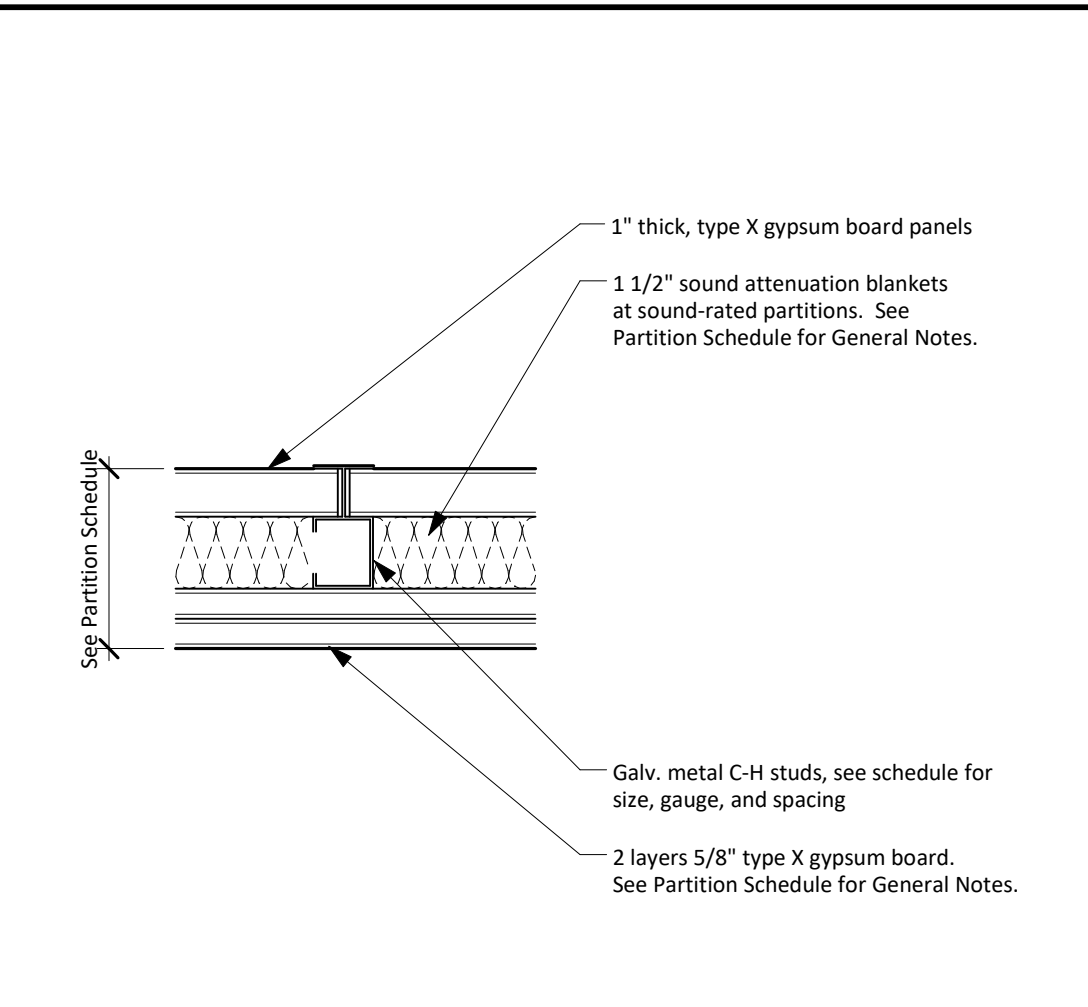
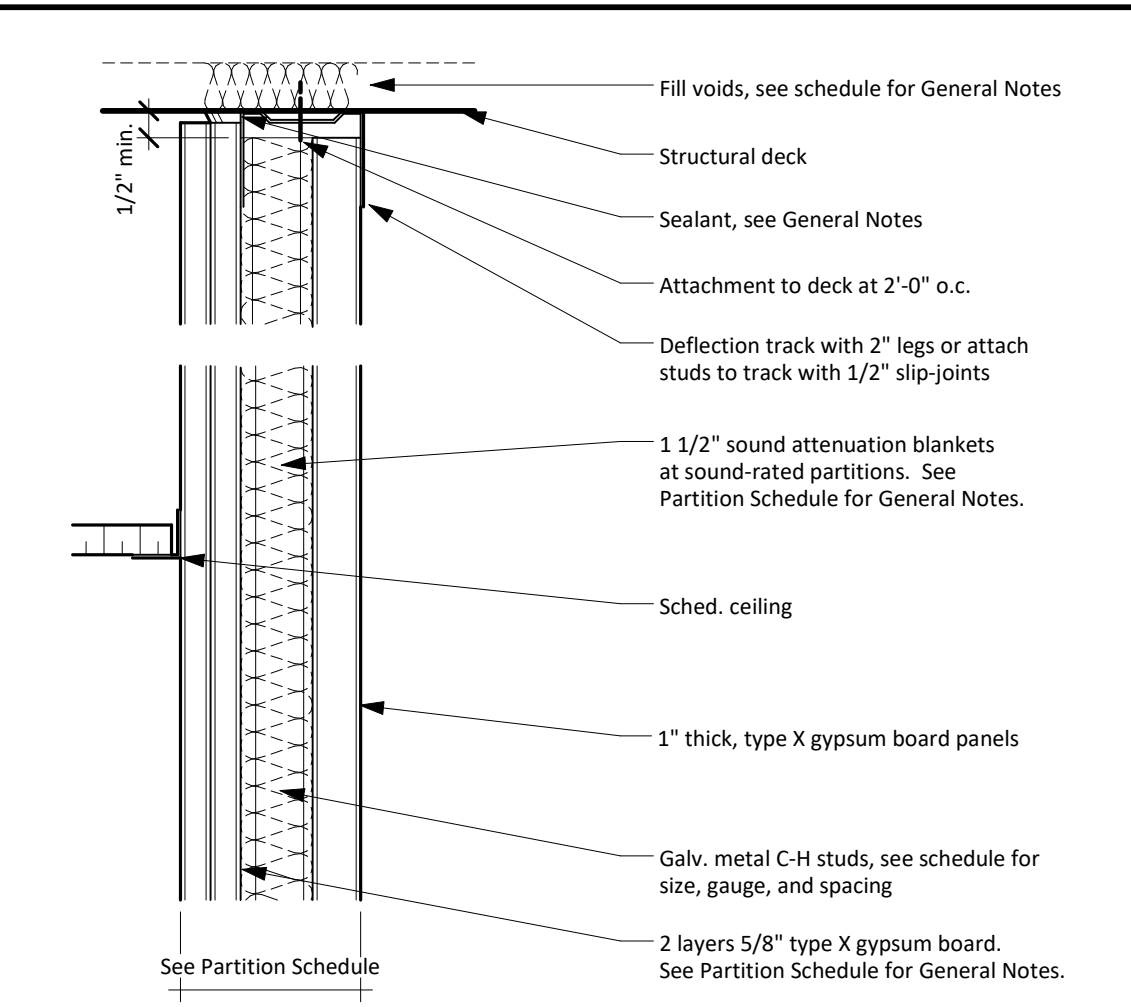
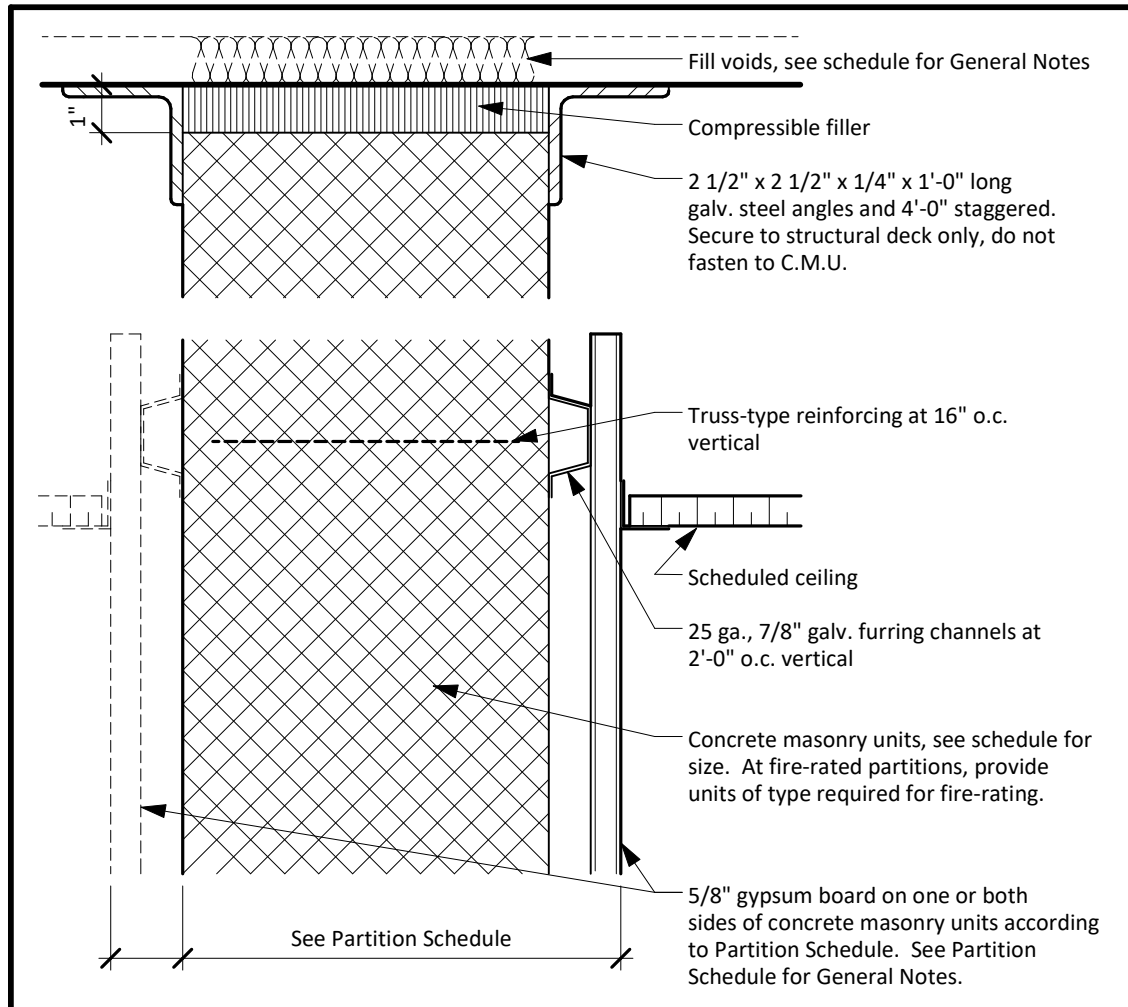
### Reflected Ceiling Plan

- #### Ceiling Plan - Key Notes
- 1 Provide new ceiling tile in grid in renovation area to match existing adjacent conditions
  - 2 Patch and repair ceiling tile where door frame was removed
  - 3 New 2'x2' acoustical ceiling grid system, match existing finishes with adjacent finishes
  - 4 Existing fire sprinklers
- #### General Notes - Reflected Ceiling Plan
1. All new ceilings to be 2' x 2' lay-in acoustical ceiling tile at 9'-0" a.f.f., unless noted otherwise. See Finish Schedule for types.
  2. See Interior Elevations for furr down heights and dimensions.
  3. Center all down-lights, sprinkler heads, and wall washers in center of ceiling tile, unless noted otherwise.
  4. See 16 G-100 for standard reflected ceiling plan symbol designations.
- #### Legend - Reflected Ceiling Plan
- |  |  |
|--|--|
|  | New partition to structure. See 1. A-520 for partition schedule. |
|  | Area not in contract   |
- NORTH**

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02/10/2017



Partition at Ceiling/Structural Deck N.T.S. 30

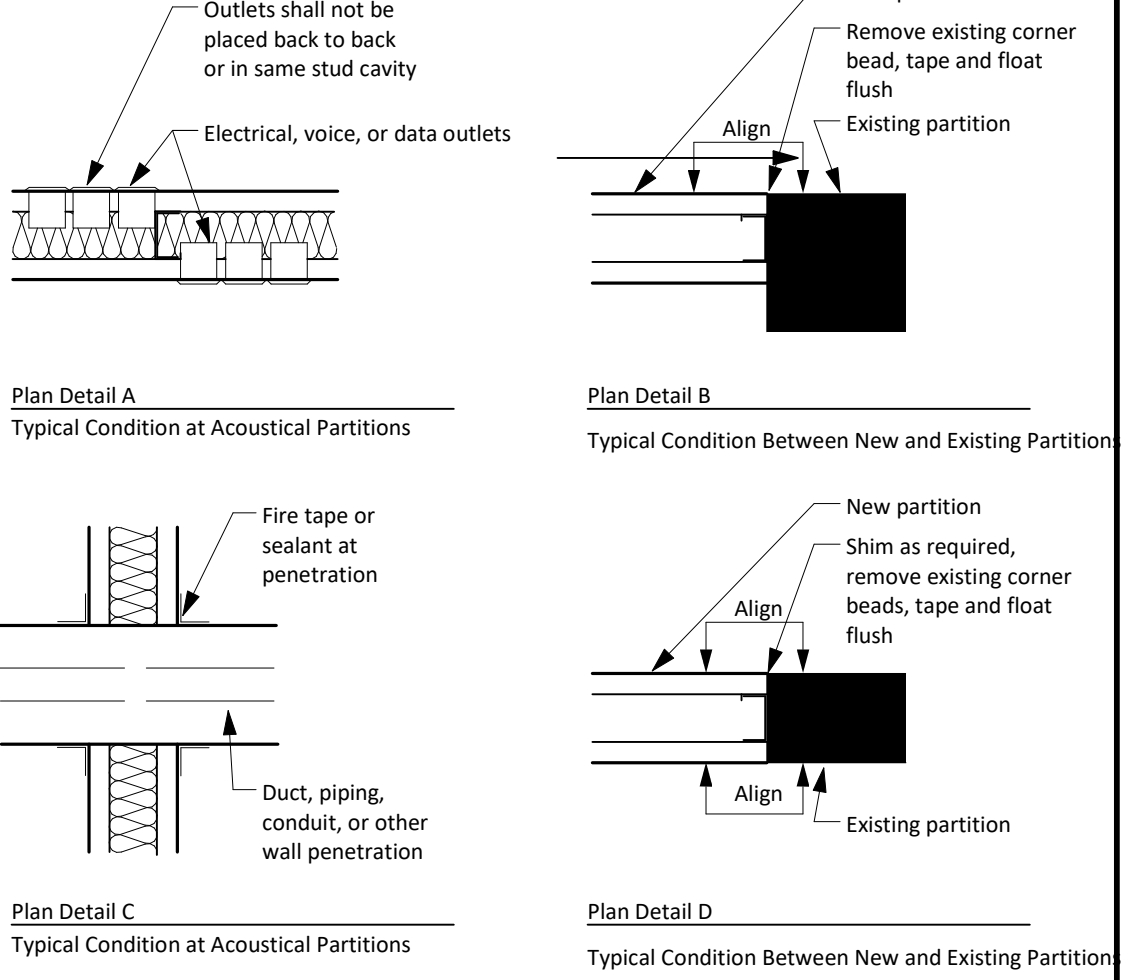
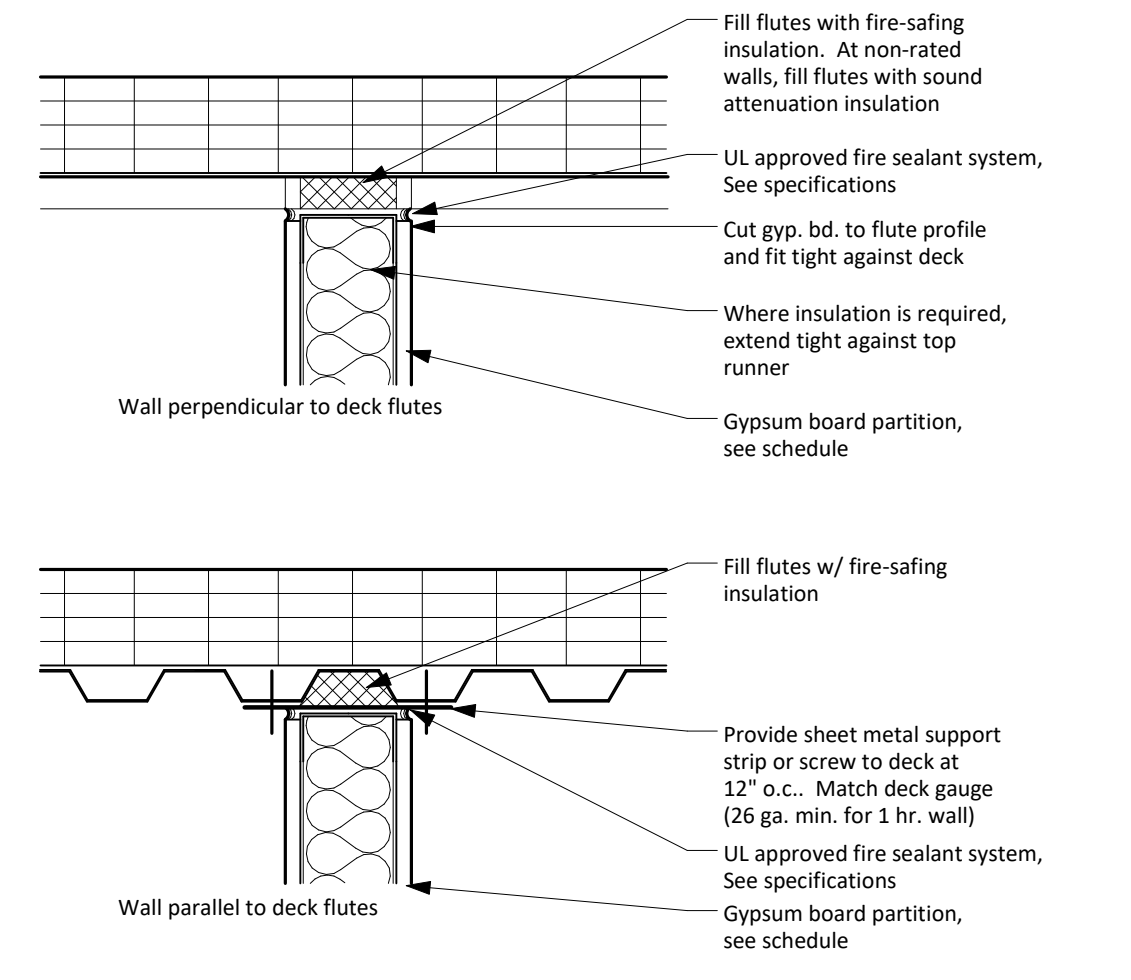
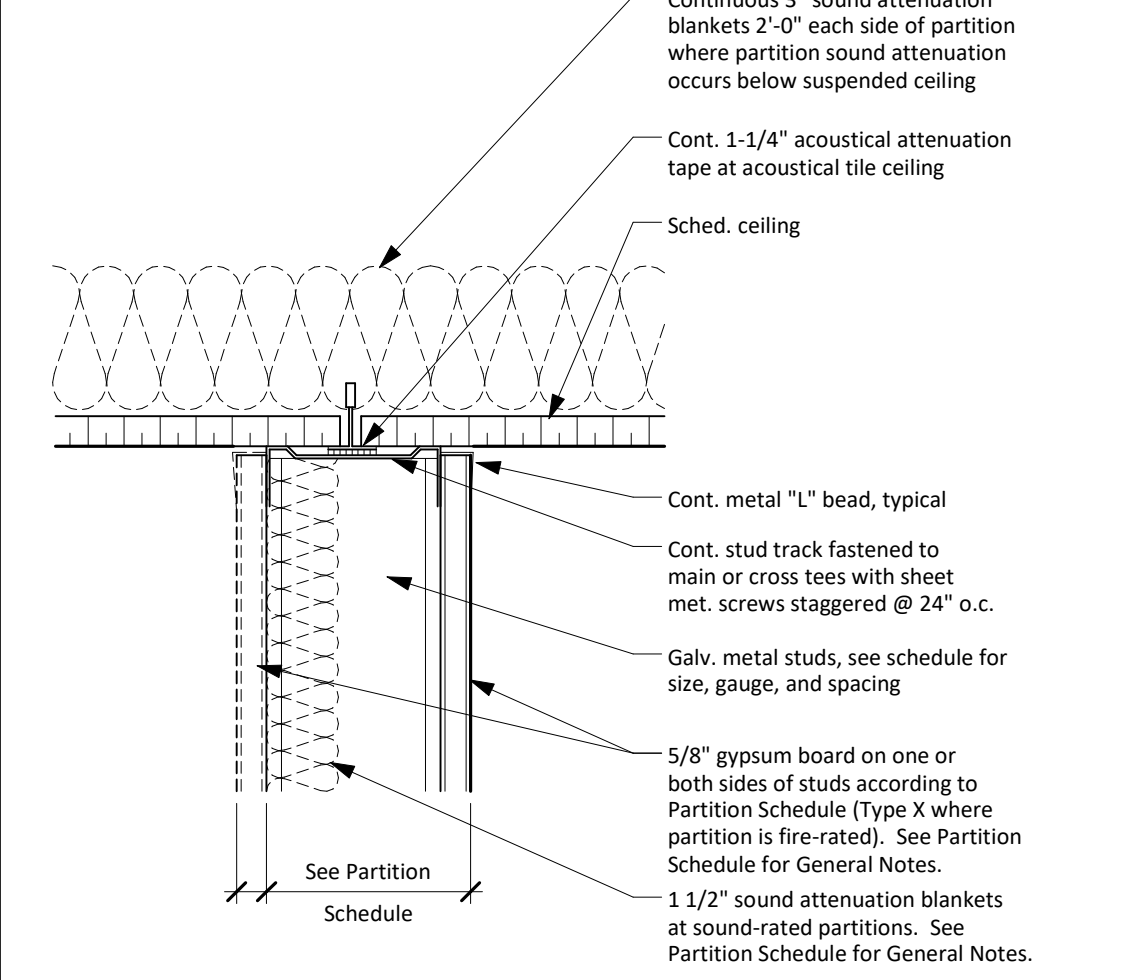
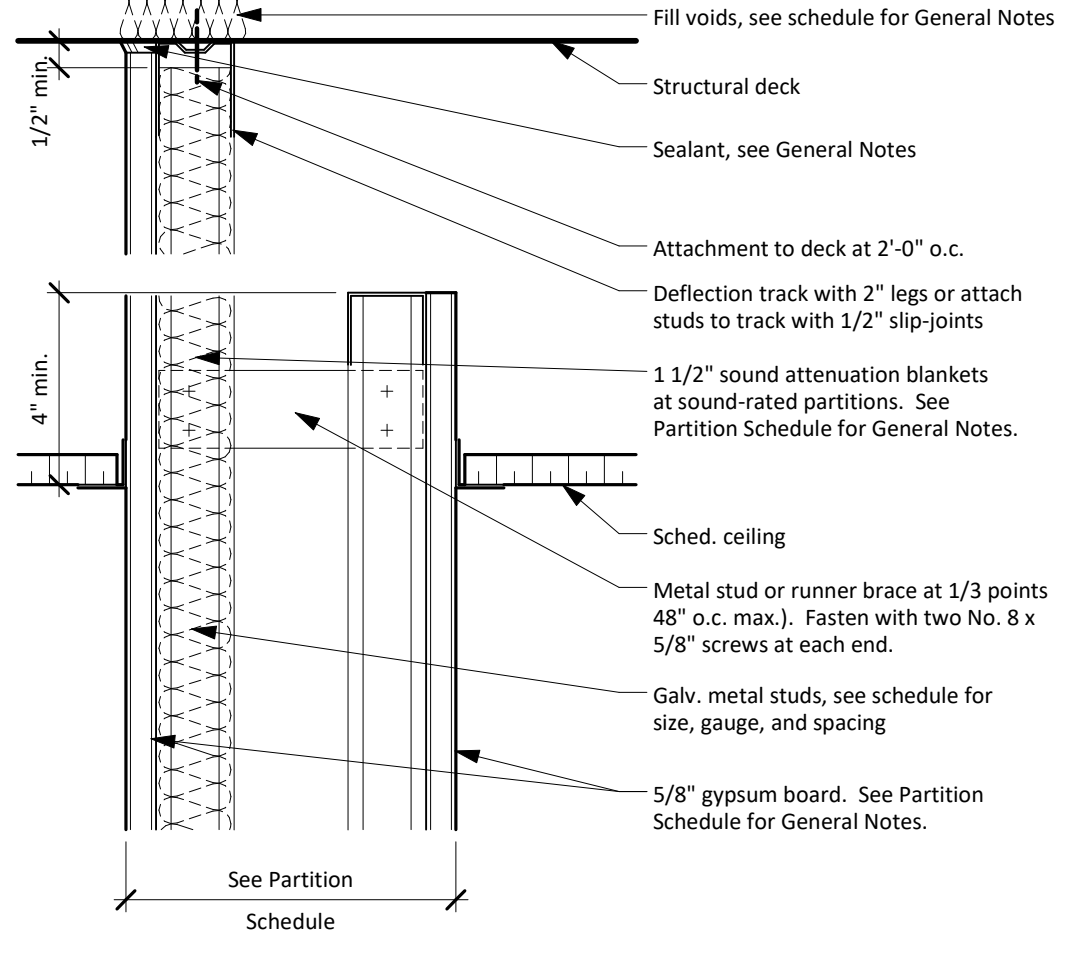
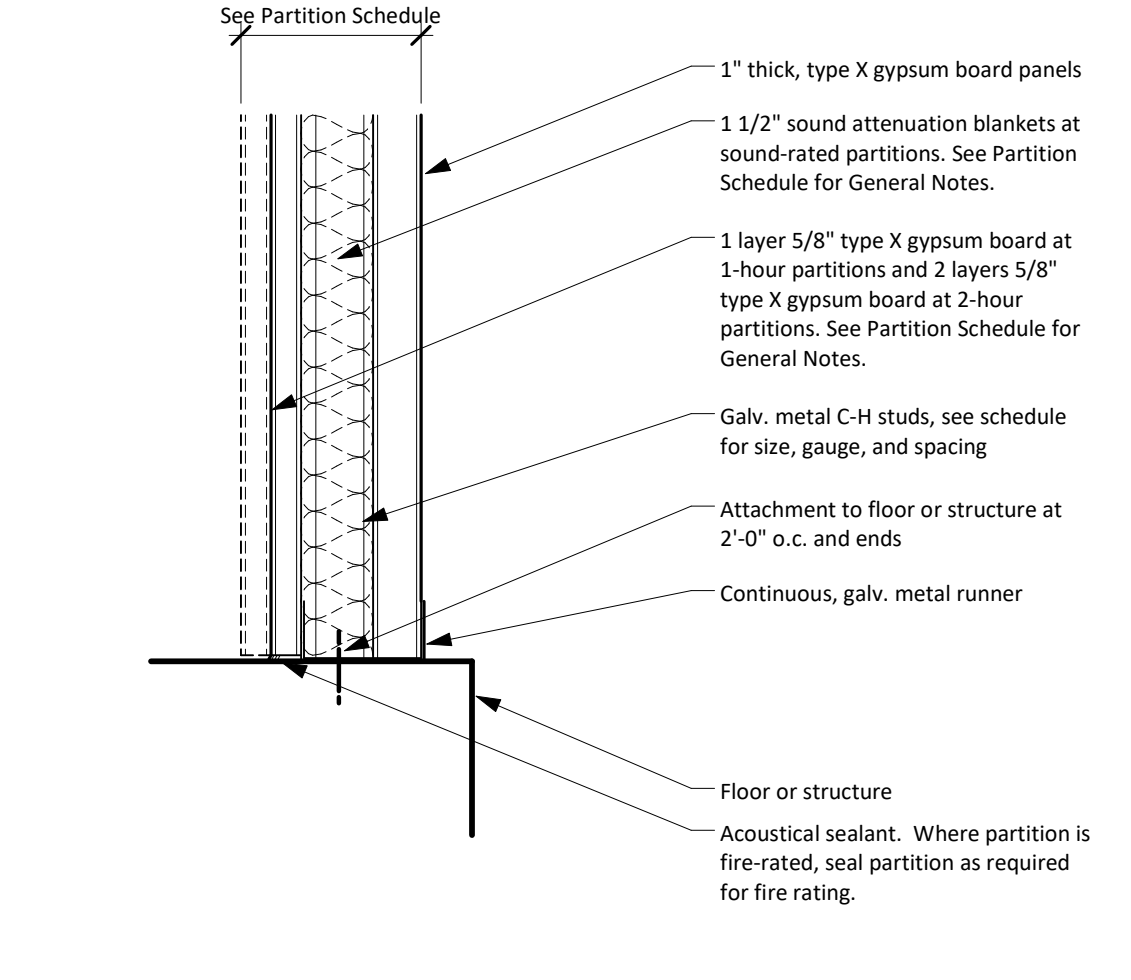
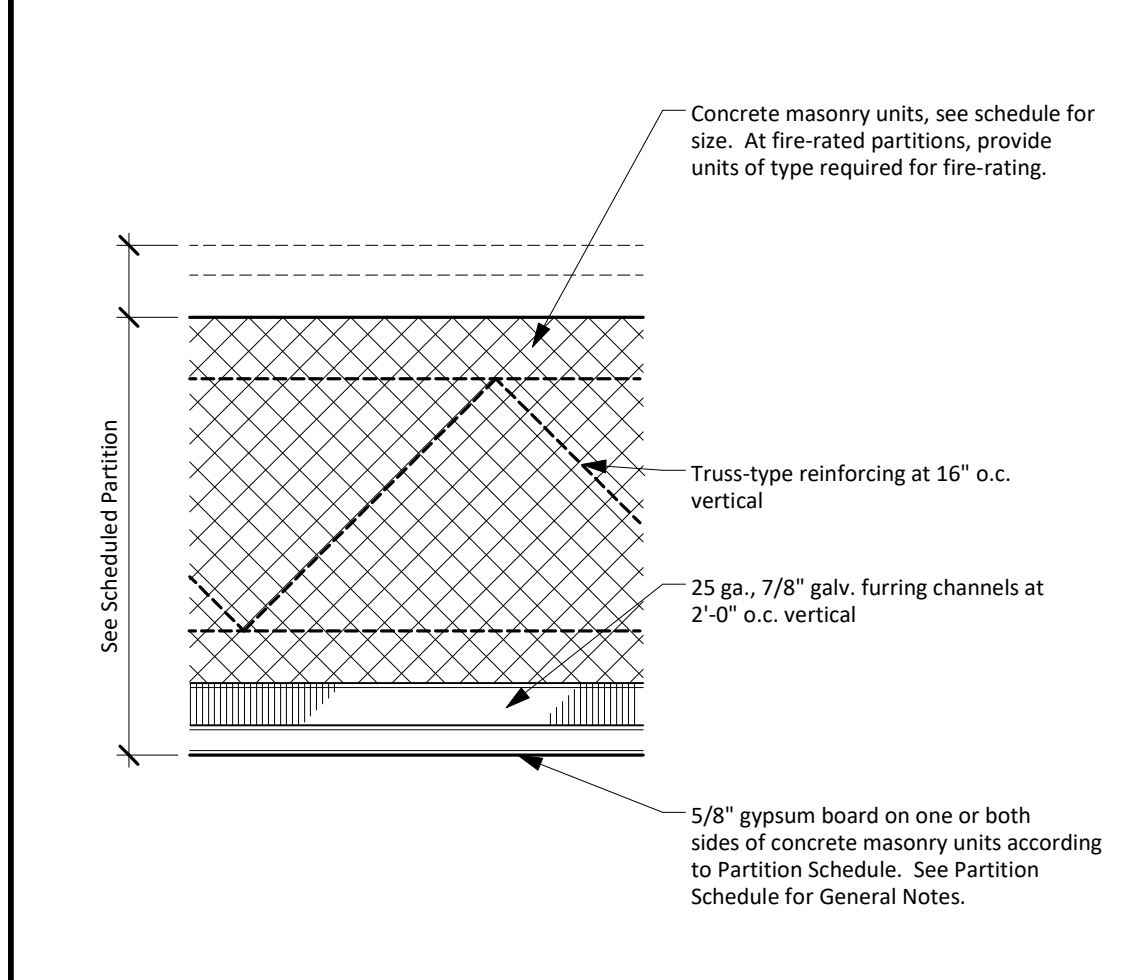
Partition at Ceiling/Structural Deck N.T.S. 25

Partition Detail N.T.S. 20

Partition at Ceiling N.T.S. 15

Wall Priority Legend N.T.S. 10

Metallic Boxes in Smoke and Fire-Rated Walls N.T.S. 5



Partition Detail N.T.S. 29

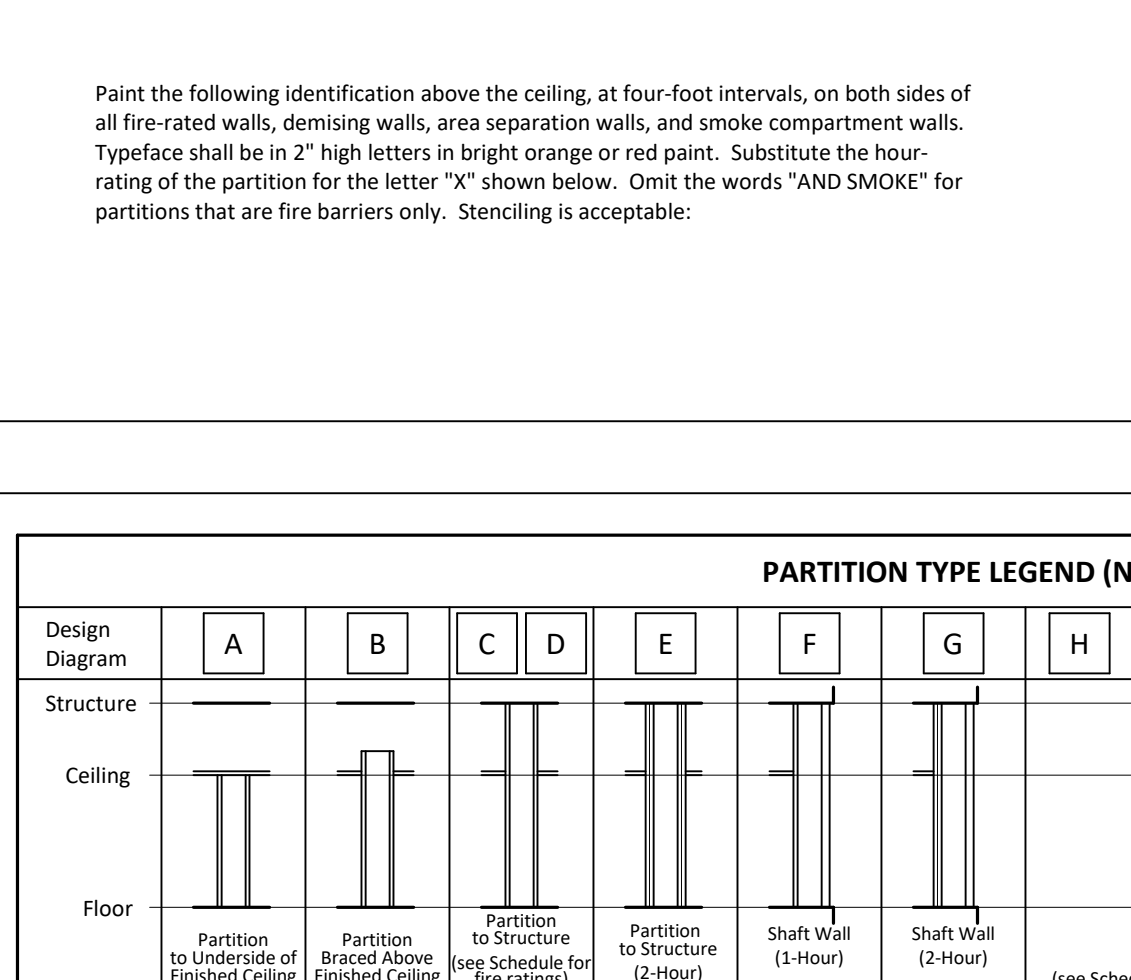
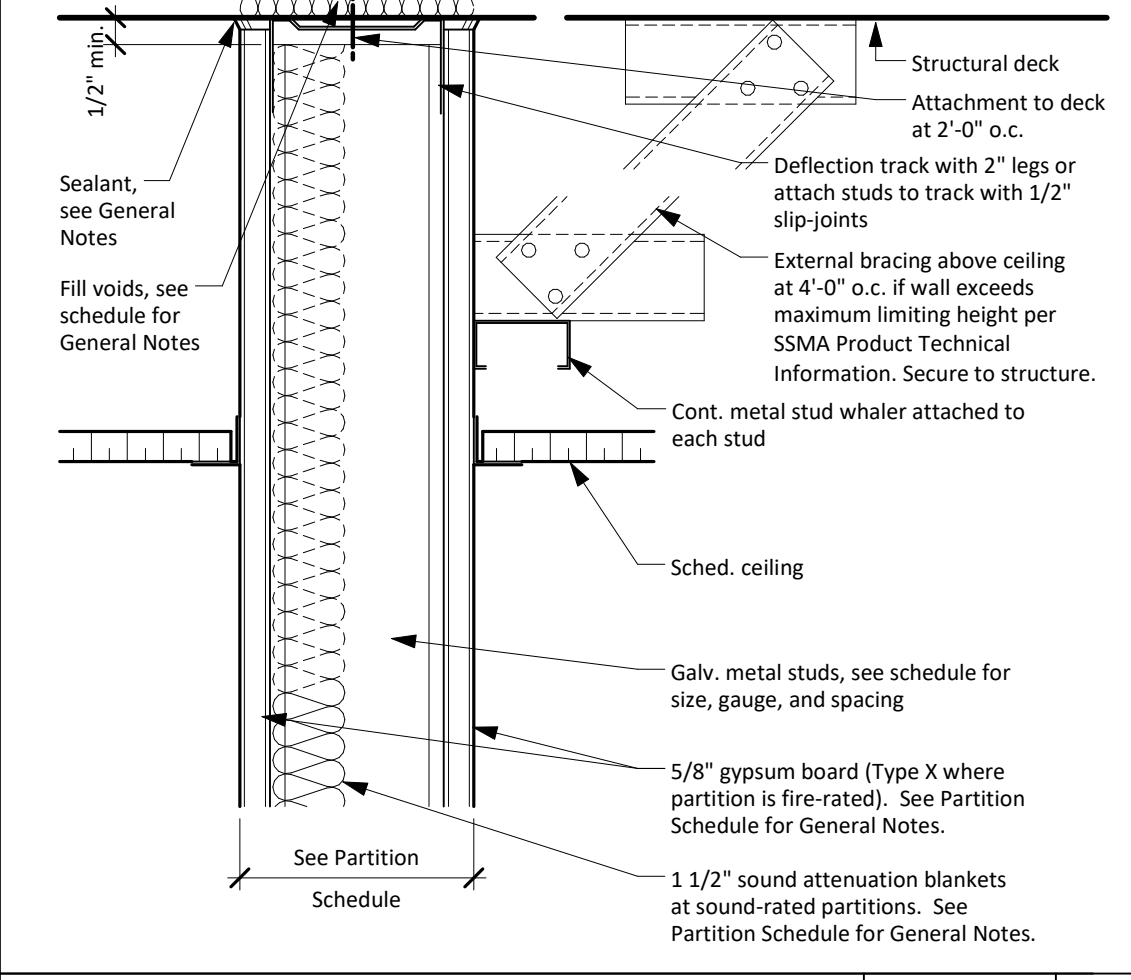
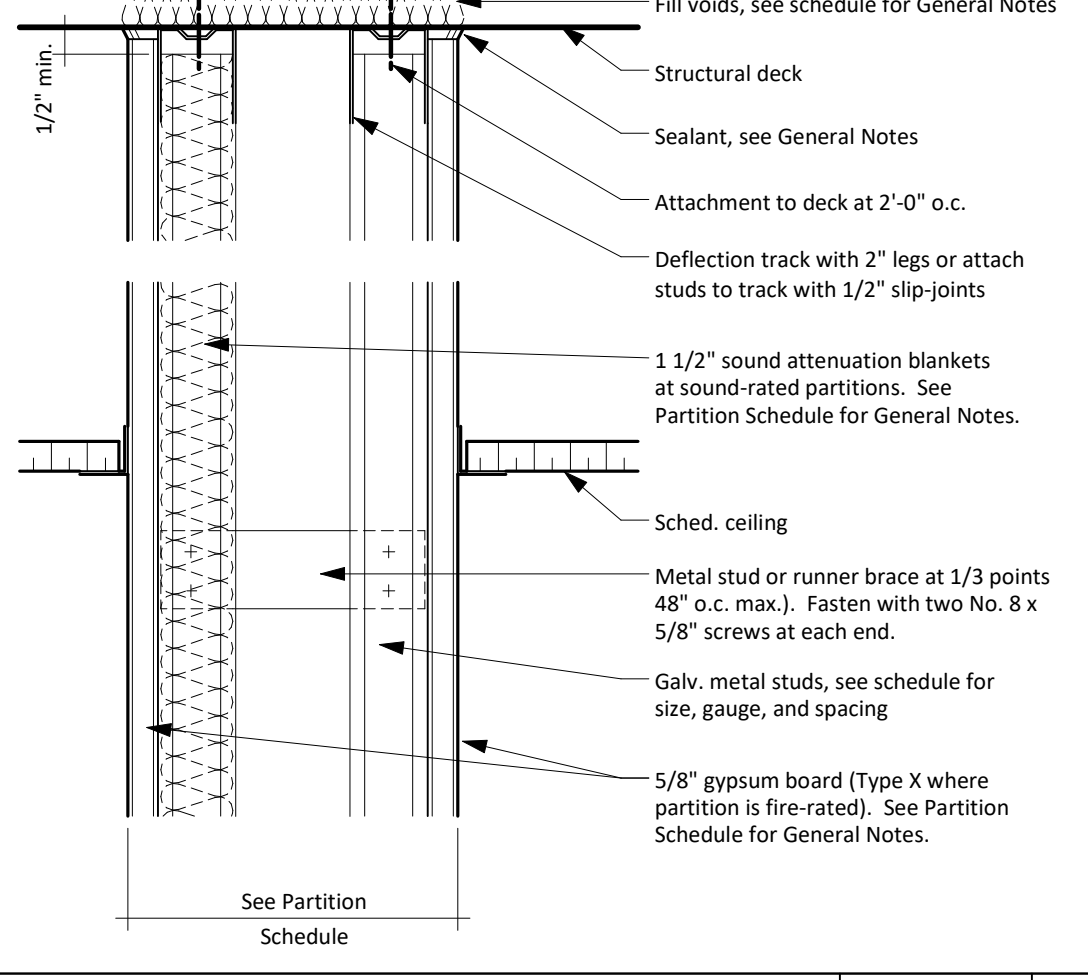
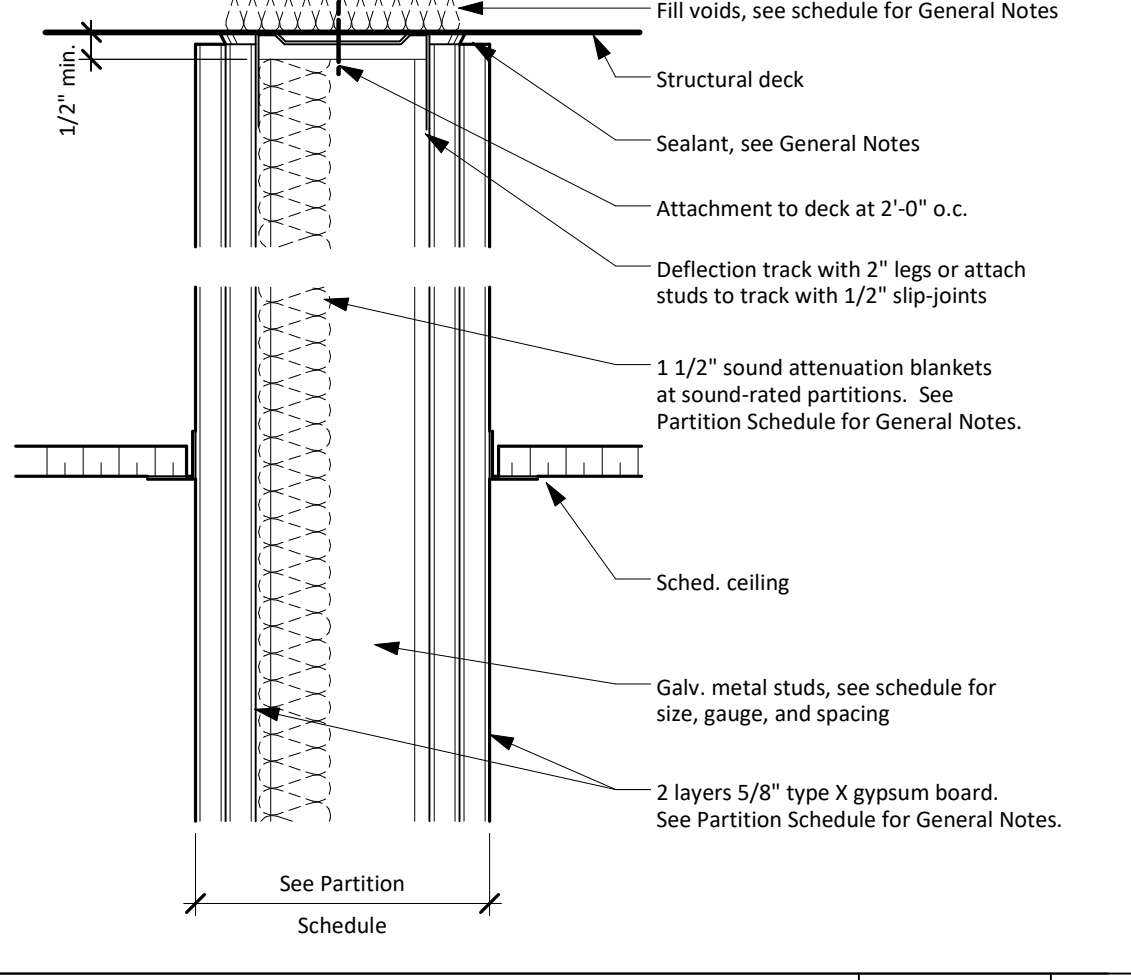
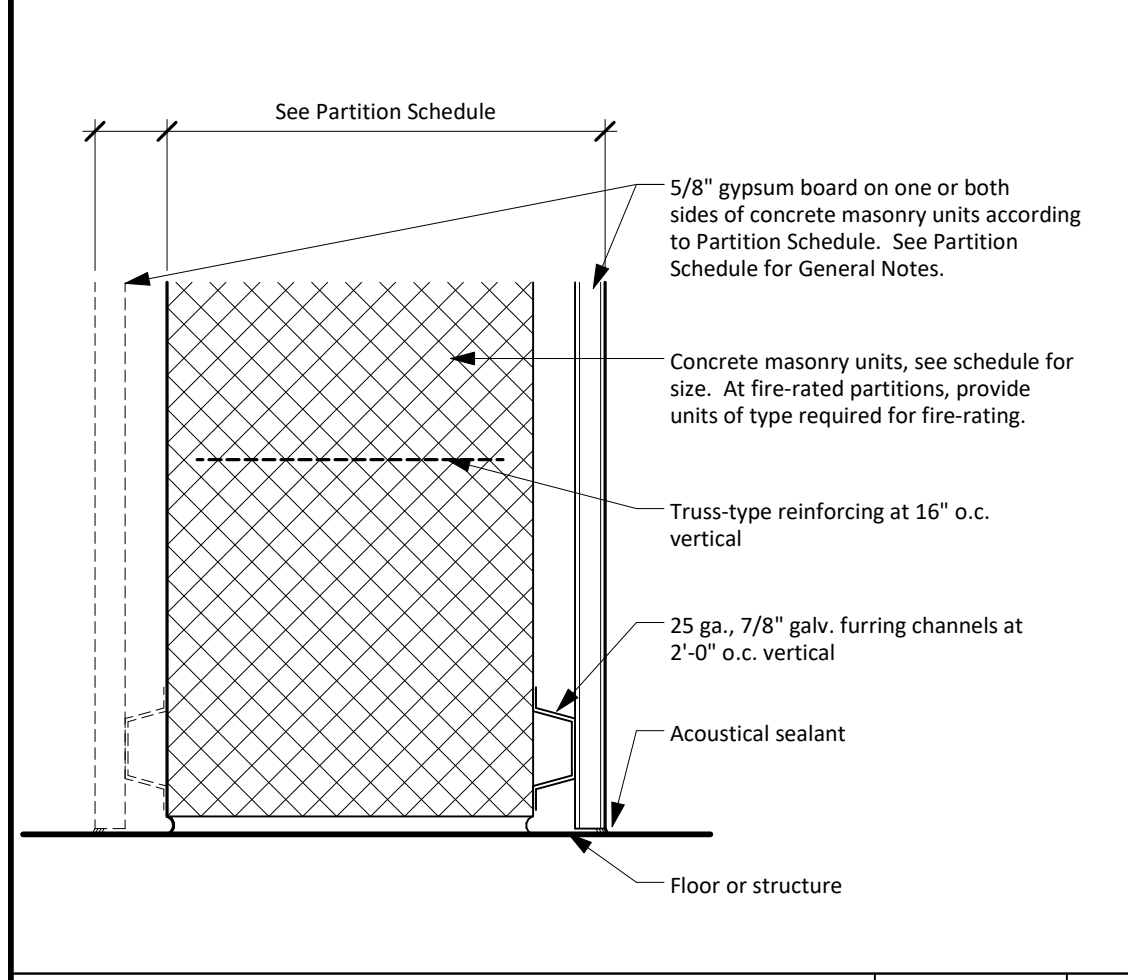
Partition at Floor N.T.S. 24

Partition at Ceiling/Structural Deck N.T.S. 19

Partition at Ceiling N.T.S. 14

Gypsum Board Partitions at Fluted Metal Deck N.T.S. 9

Typical Partition Details N.T.S. 4



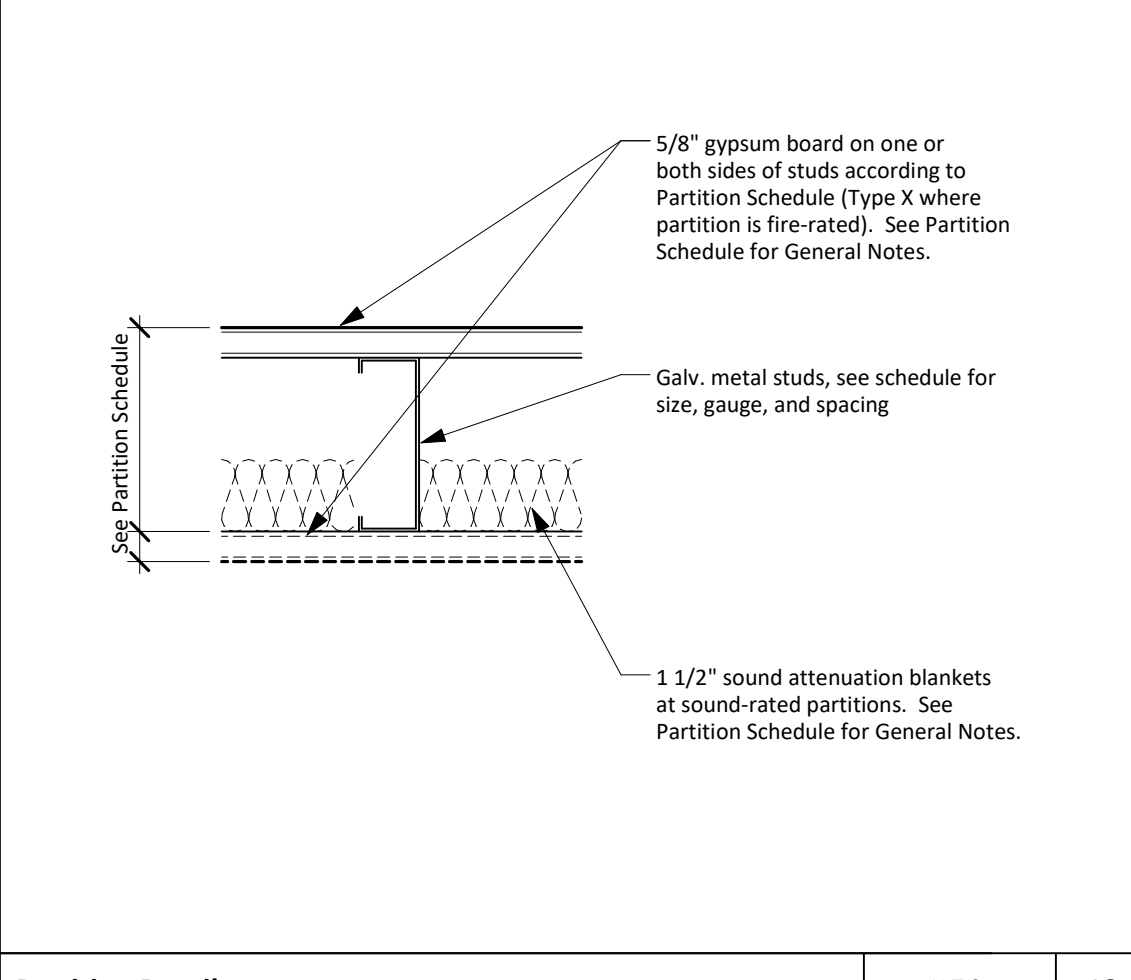
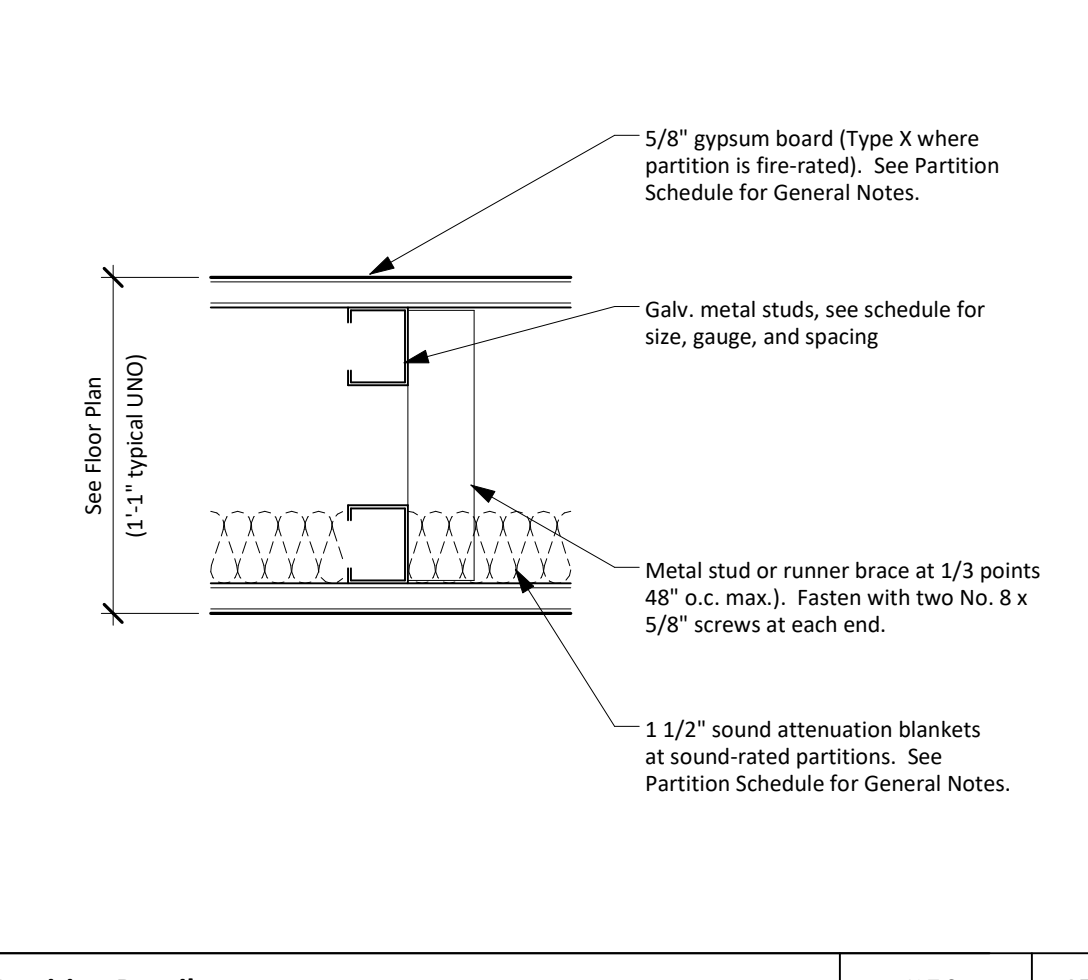
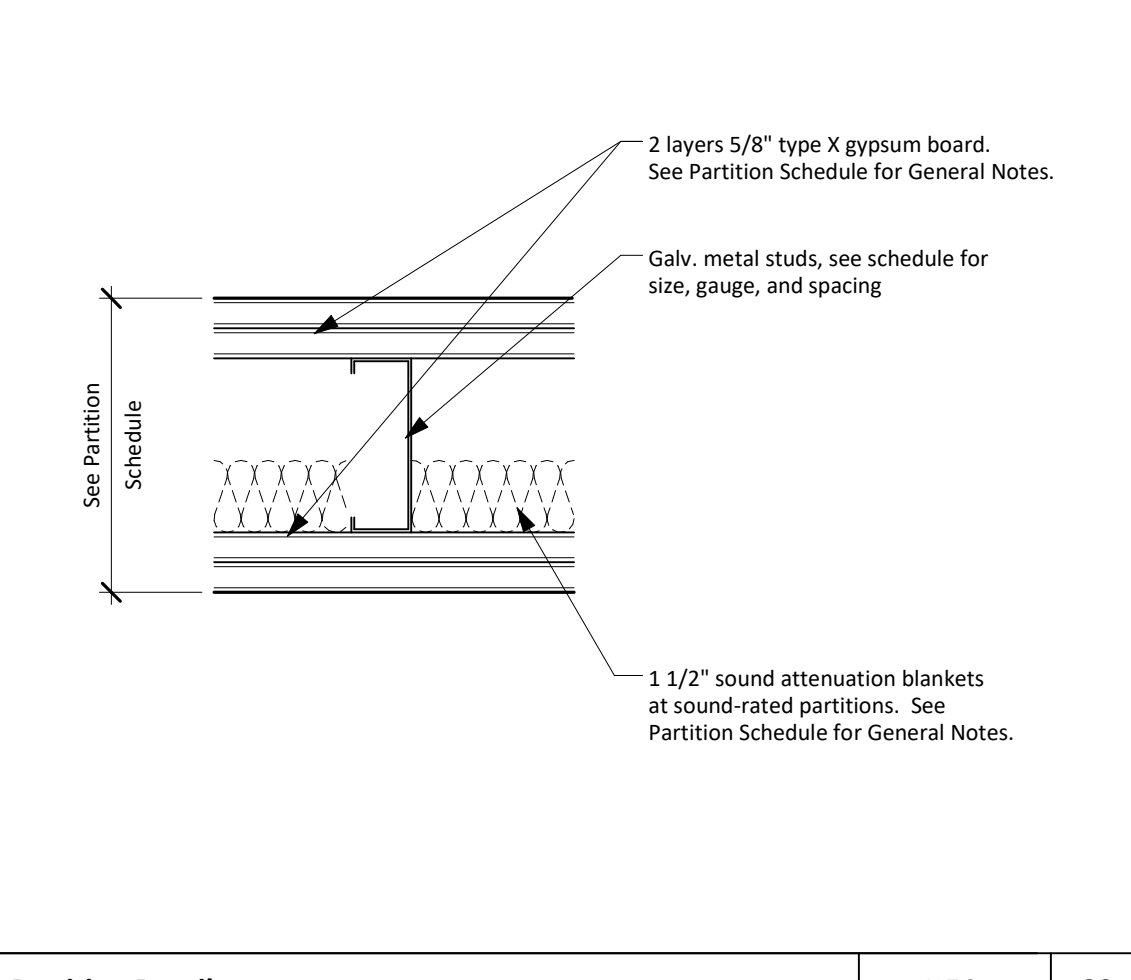
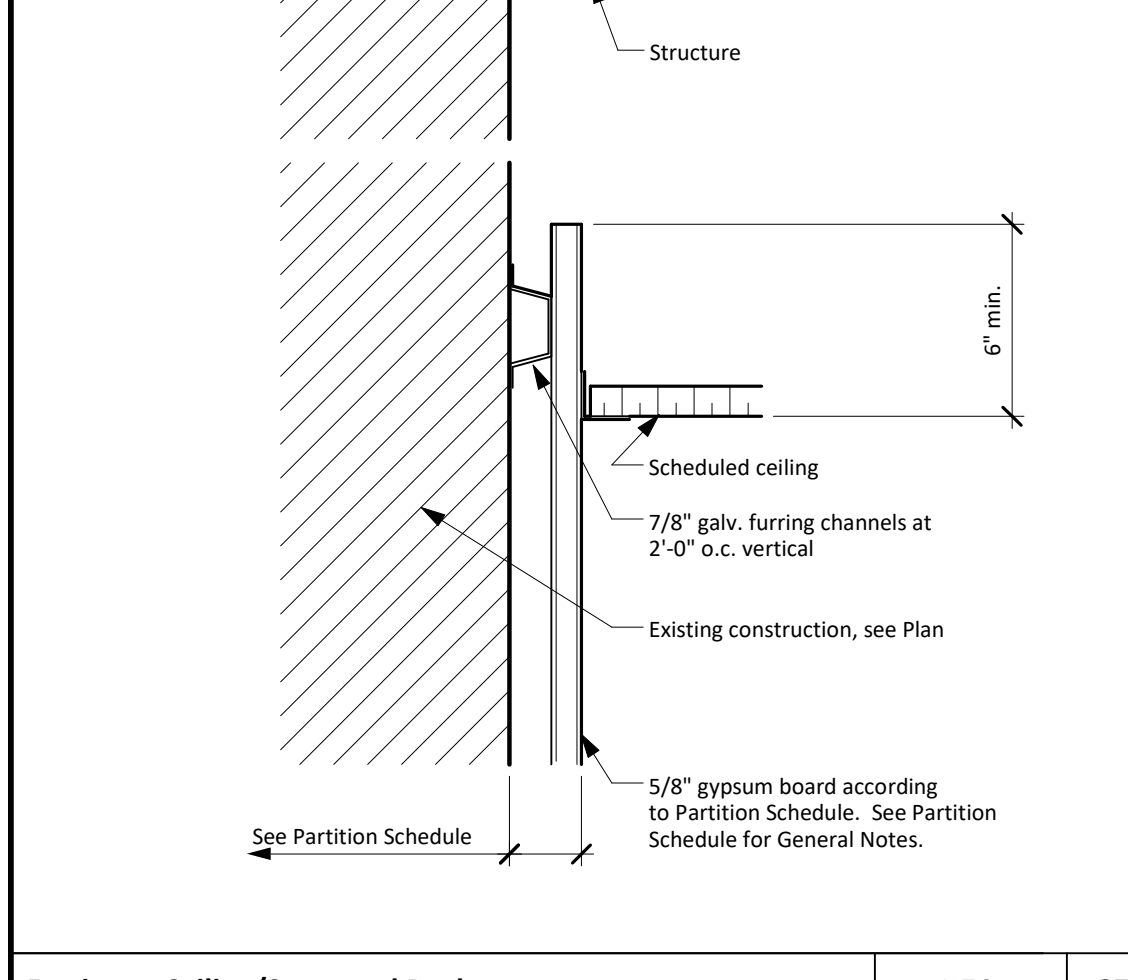
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Partition at Floor N.T.S. 28

Partition at Ceiling/Structural Deck 12" x 1'-0" N.T.S. 23

Partition at Ceiling/Structural Deck N.T.S. 18

Partition at Ceiling/Structural Deck N.T.S. 13

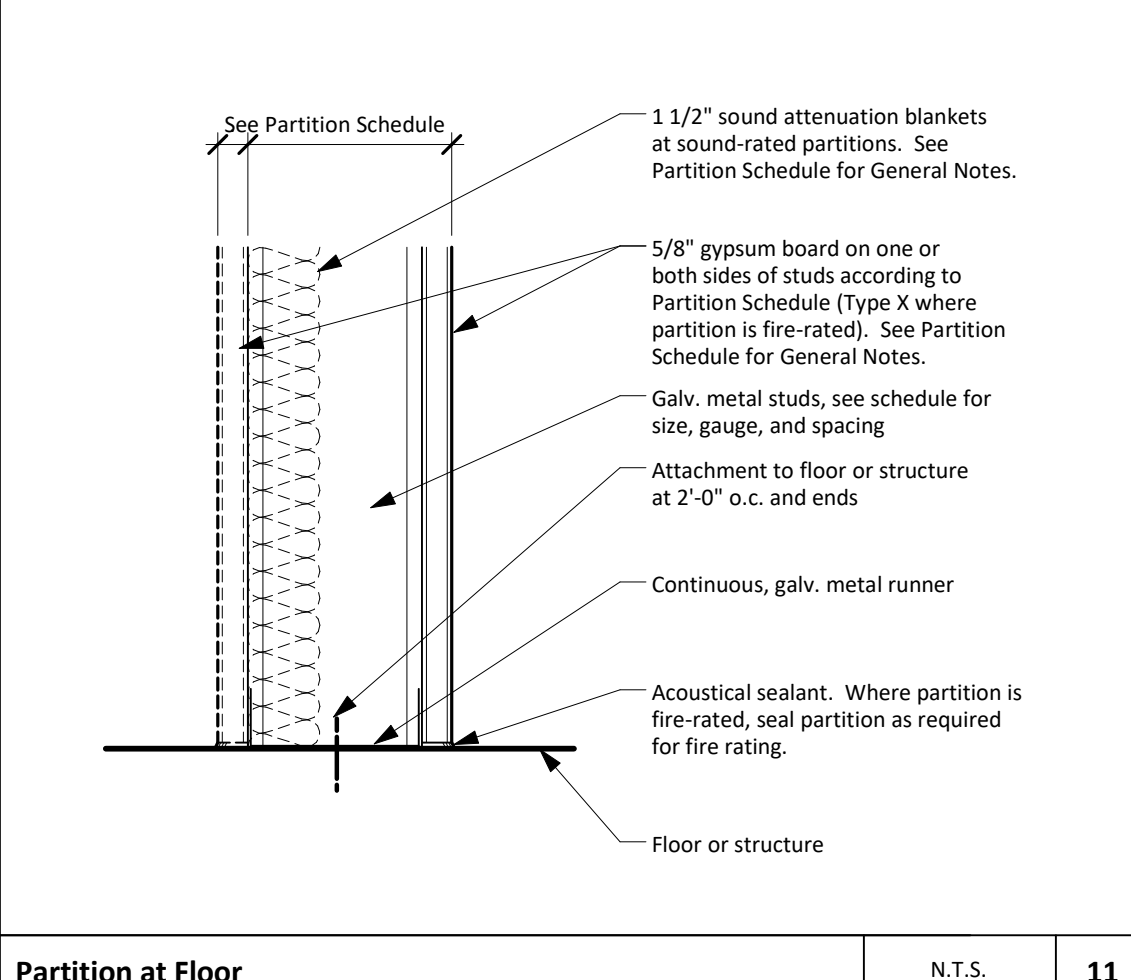
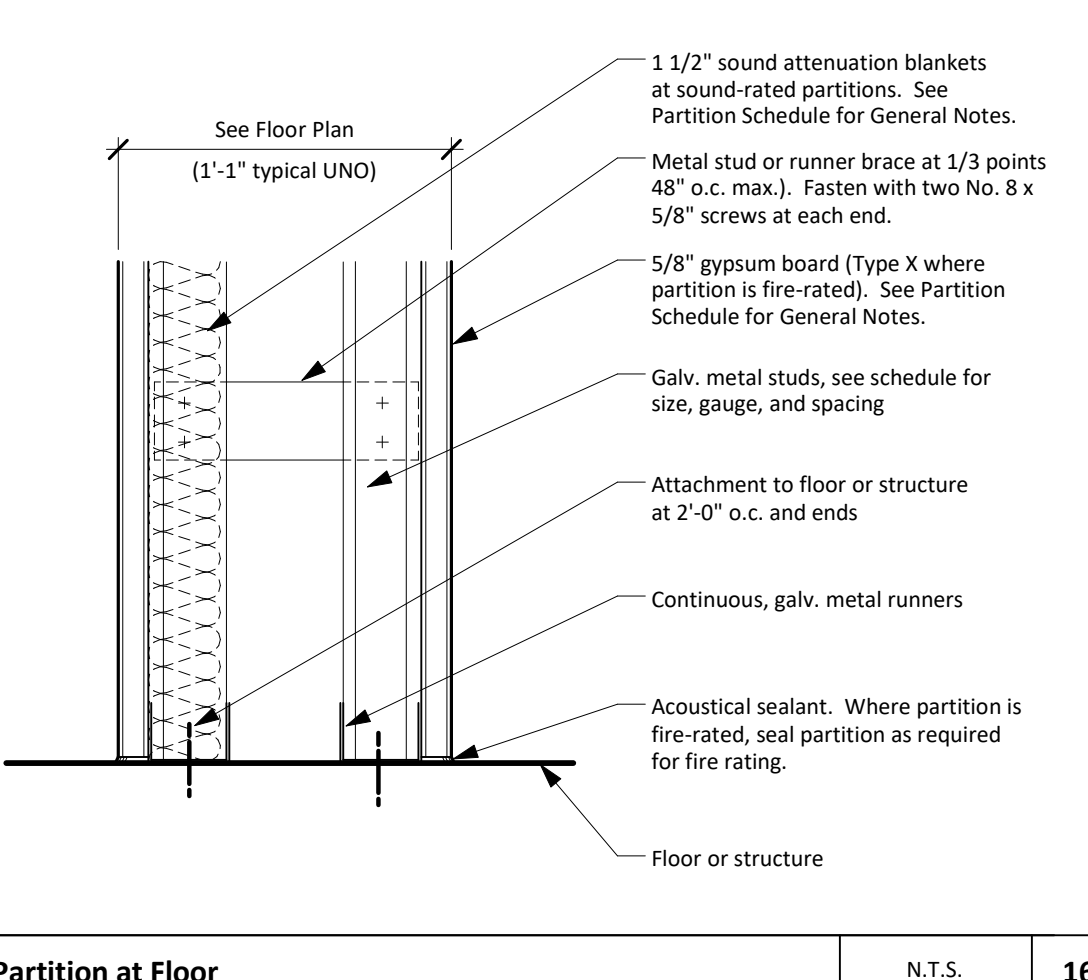
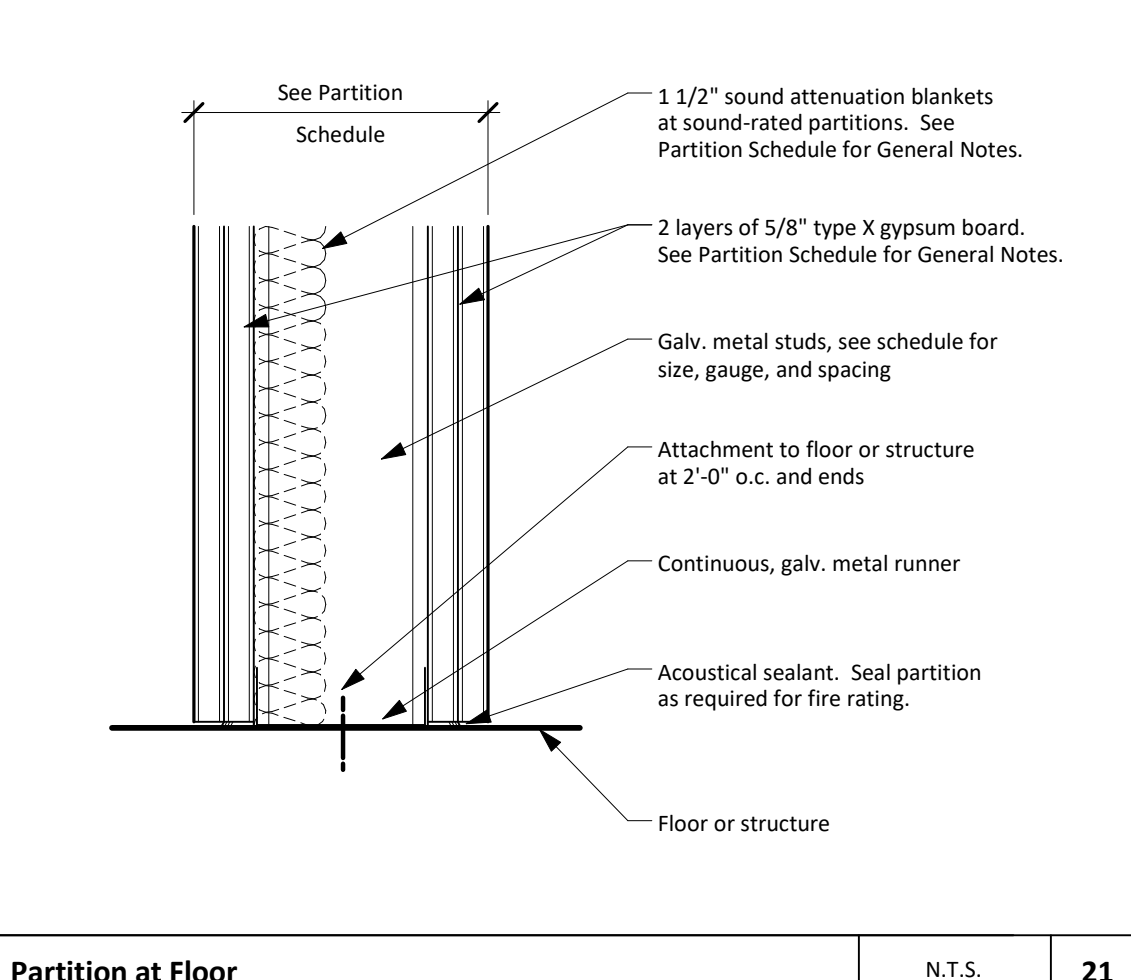
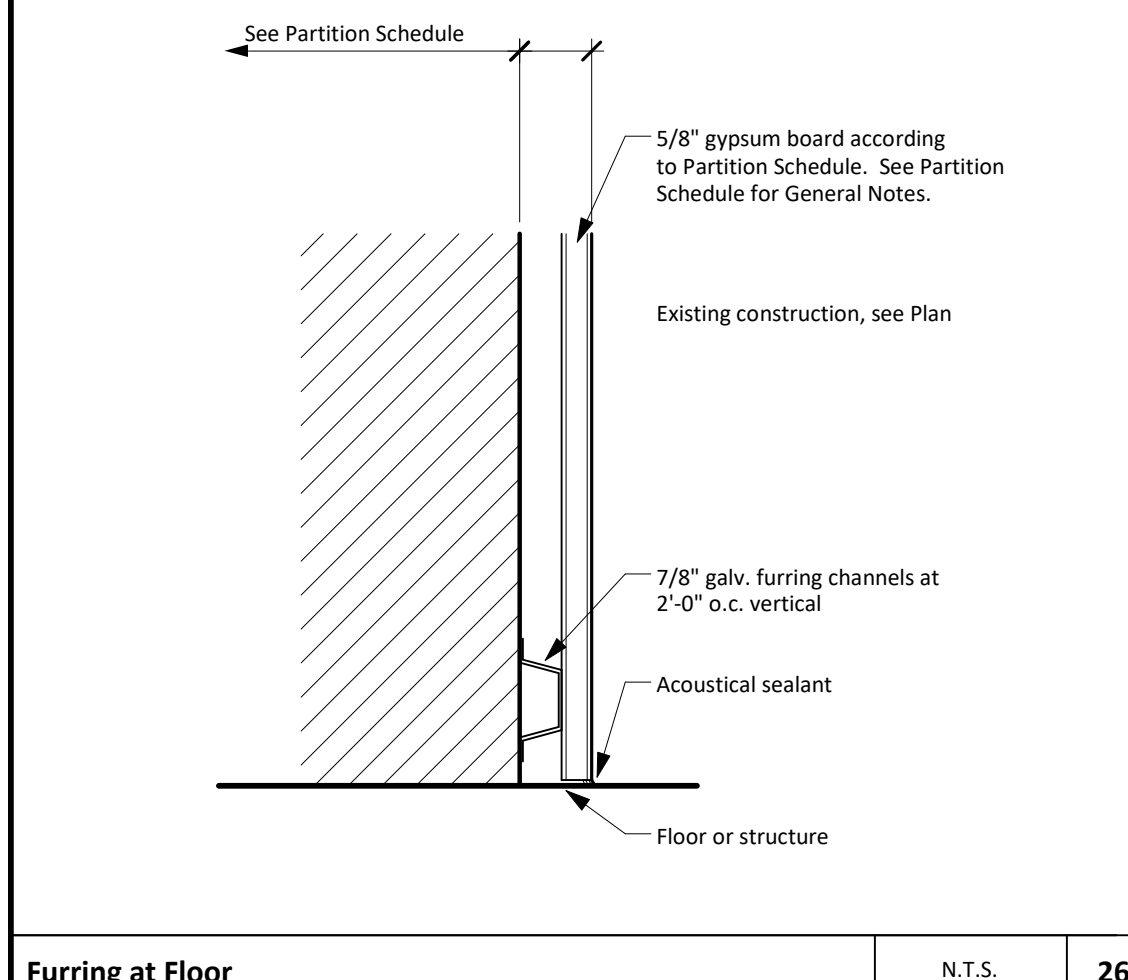


Furring at Ceiling/Structural Deck N.T.S. 27

Partition Detail N.T.S. 22

Partition Detail N.T.S. 17

Partition Detail N.T.S. 12



### General Notes

- All interior partitions are Type B2 unless noted otherwise.
- Allowable deflection for all partitions shall be 1/240 with a horizontal load of 5 psf, except as noted in individual partition types. The Contractor shall decrease the stud spacing or increase the stud thickness noted to insure partitions forming the substrate for brittle finishes such as ceramic tile meet an allowable deflection criteria of 1/360 with a horizontal load of 5 psf.
- Where partitions are noted to be fire-rated:
  - Provide 5/8" Type X fire-resistive gypsum board.
  - Where partitions meet fluted metal deck or similarly irregular surfaces, seal the partition with saffing insulation and sealant as shown in detail 9 A-520 and in accordance with the reference design.
- Sound-Rated Partitions:
  - Sound-rated partitions and partitions with thermal insulation are indicated with the suffix "S" (Example: A1S). Refer to the floor plans for locations.
  - Provide 1-1/2" thick, glass-fiber sound attenuation blankets unless noted otherwise.
  - Fill all deck voids or similarly irregular surfaces, with insulation and sealant as shown in detail 9 A-520.
  - Seal partition perimeter and all penetrations with acoustical sealant or tape and insulation to fill voids.
  - Arrange back-boxes for electrical, data, telephone, and other outlets as shown in detail 4 A-520.
  - Where sound-rated partitions are also fire-rated, seal partition and fill voids as required for fire rating.
- Nails shall comply with ASTM F 547 or ASTM C514. Screws shall meet the requirements of ASTM C 1002 or ASTM C 954.
- Unless otherwise required by reference designs for fire-rated partitions, fasteners shall be spaced 8" o.c. along at vertical joints and 12" o.c. at floor and ceiling runners and intermediate studs. Space all fasteners in panels that are substrates for brittle finishes, such as ceramic tile or stone, a maximum of 8" o.c.
- Joints in multi-layer gypsum board partitions shall be staggered 24" on each side and on opposite sides.
- Metallic outlet boxes shall be permitted to be installed in walls or partitions classified as having a fire-resistance of two hours or less. The surface area of individual boxes shall not exceed 10 square inches. The aggregate surface area of the boxes shall not exceed 100 square inches in any 100 square feet. Boxes located on opposite sides of walls or partitions shall be separated by a minimum horizontal distance of 24 inches. See detail 5 A-520.
- Fiberglass mat faced, silicified gypsum-core boards shall be installed over or as part of the fire-resistance rated system in shower and tub areas to receive brittle finishes such as ceramic tile or plastic finished wall panels. When fire or sound ratings are indicated, the gypsum board required for the rating shall extend down to the floor behind fixtures.
- Label all fire-rated and smoke compartment walls or partitions above finished ceiling as shown on detail 3 A-520.
- Install penetration seals at all penetrations through fire-rated and smoke compartment walls or partitions in accordance with Specifications Section 07 84 00. See details 16, 17, 19, 21, 23, 26, and 28 G-102 for reference designs of penetration seal systems based upon the penetrating element.
- Accurately align new and existing partitions in the same plane when shown on the Floor Plans. See detail 4 A-520.
- Maintain the fire or sound rating of partitions at all intersections. Maintain the construction of the highest rated partition where partitions of two different ratings meet. See the Wall Priority Legend - detail 10 A-520.

Furring at Floor N.T.S. 26

Partition at Floor N.T.S. 21

Partition at Floor N.T.S. 16

Partition at Floor N.T.S. 11

Partition Type Legend and Schedule 1

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Notes/Revisions

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Drawing Notes

### Partition Types and Interior Construction Details

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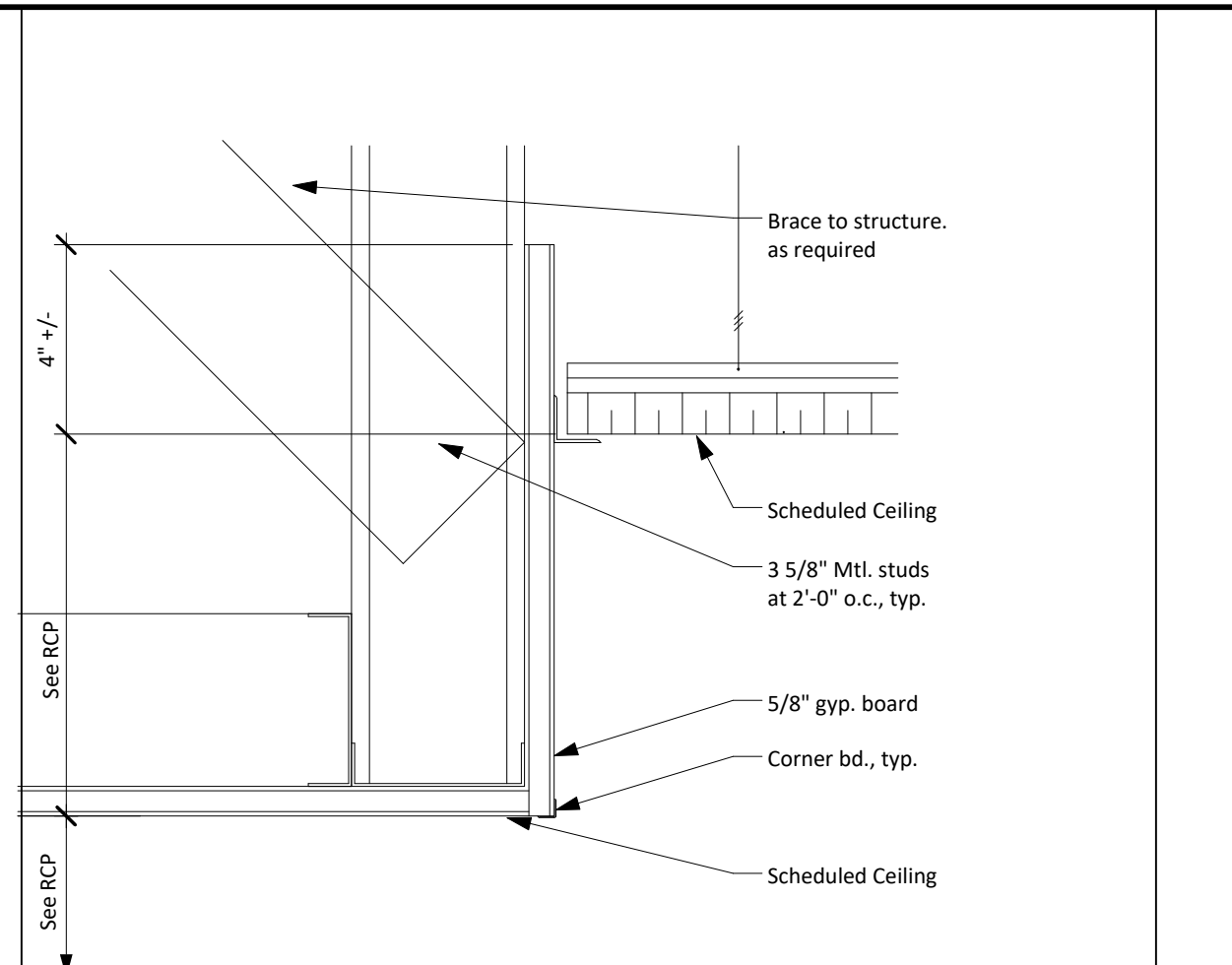
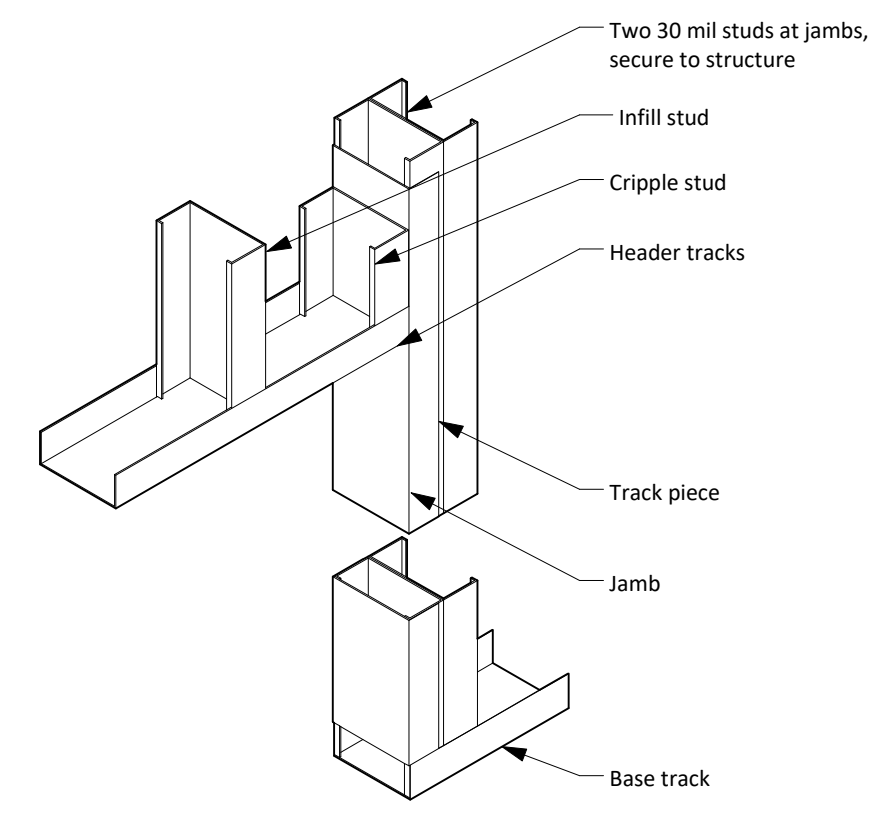
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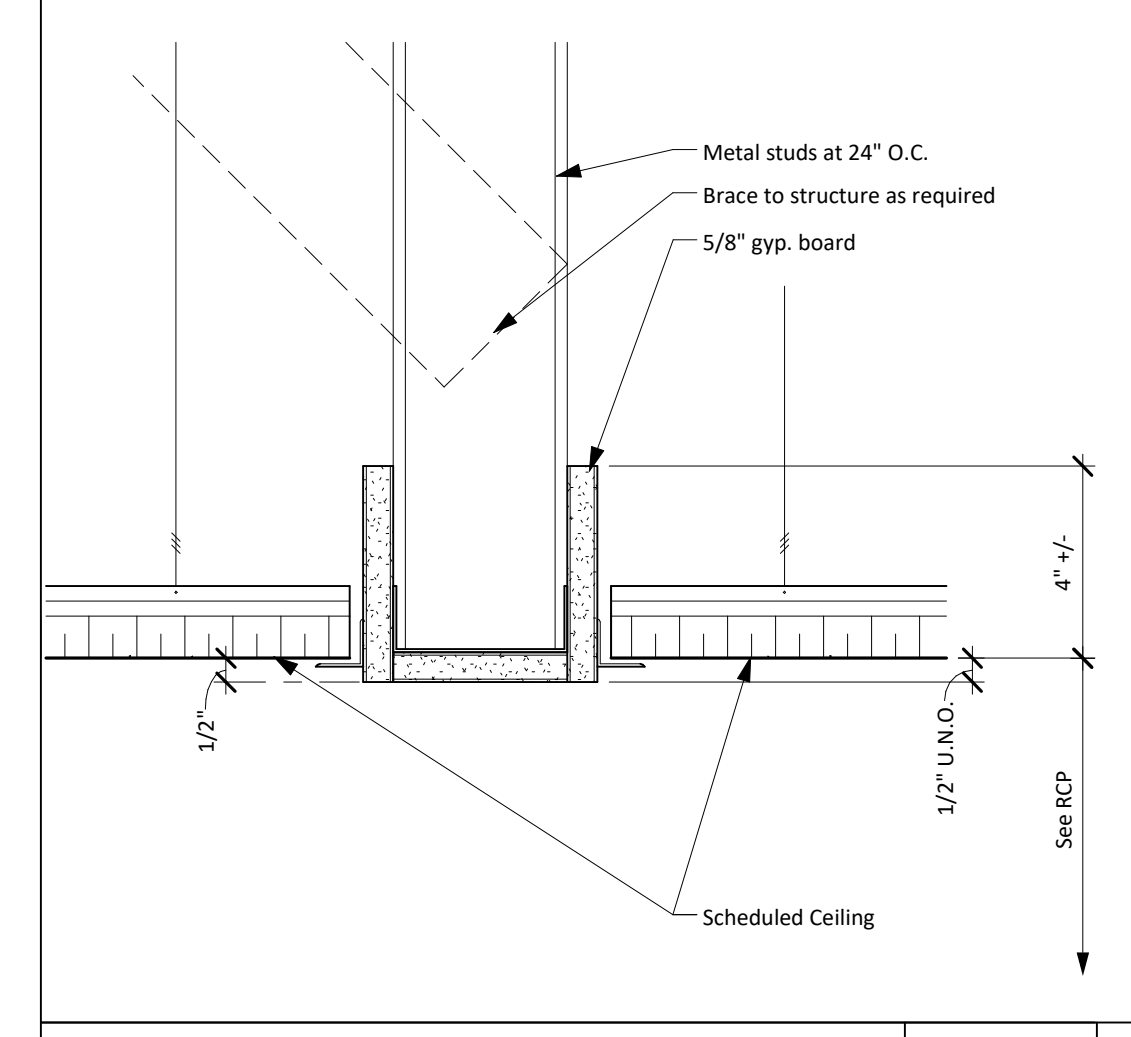
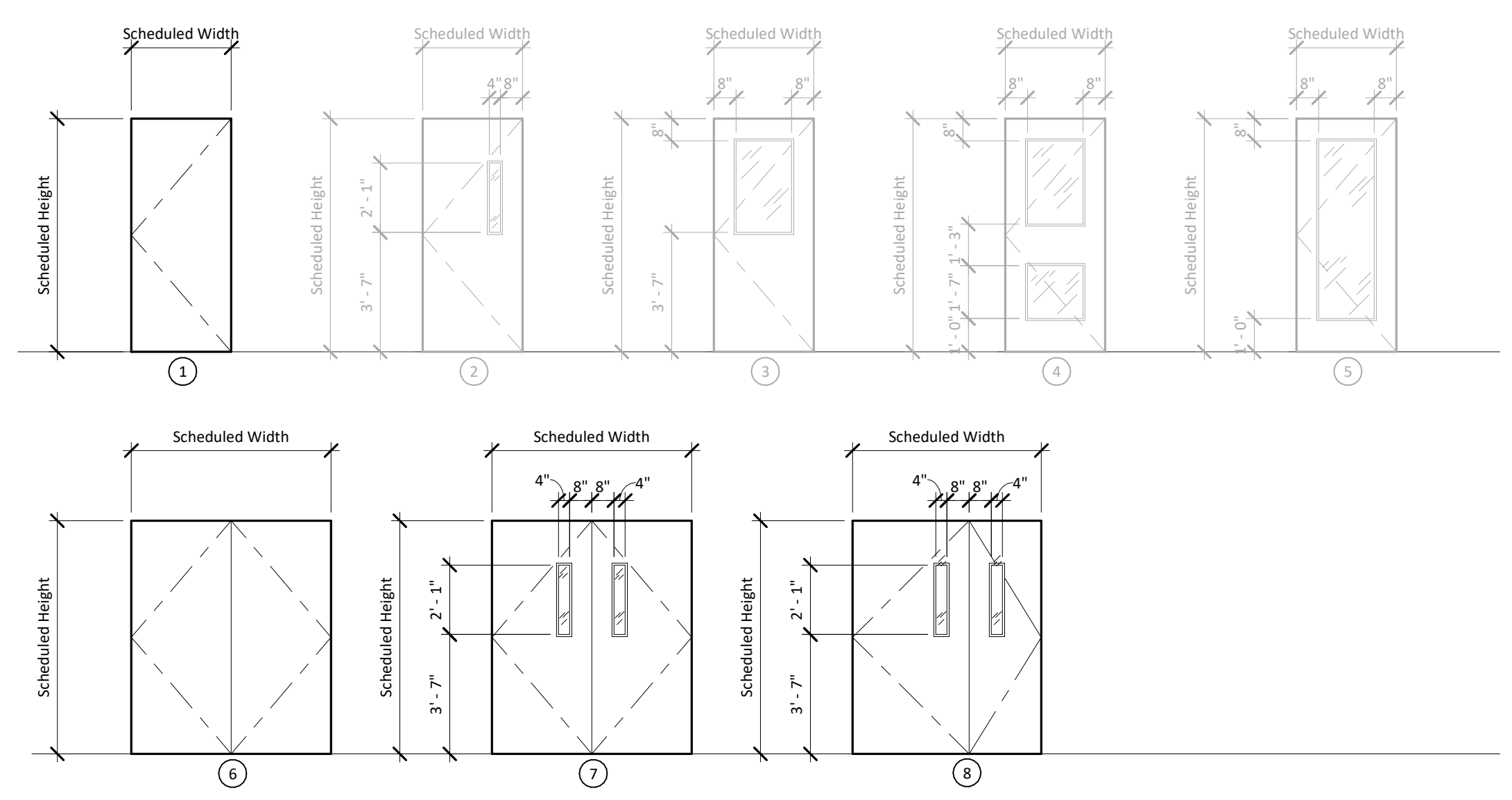


Door and Window Details

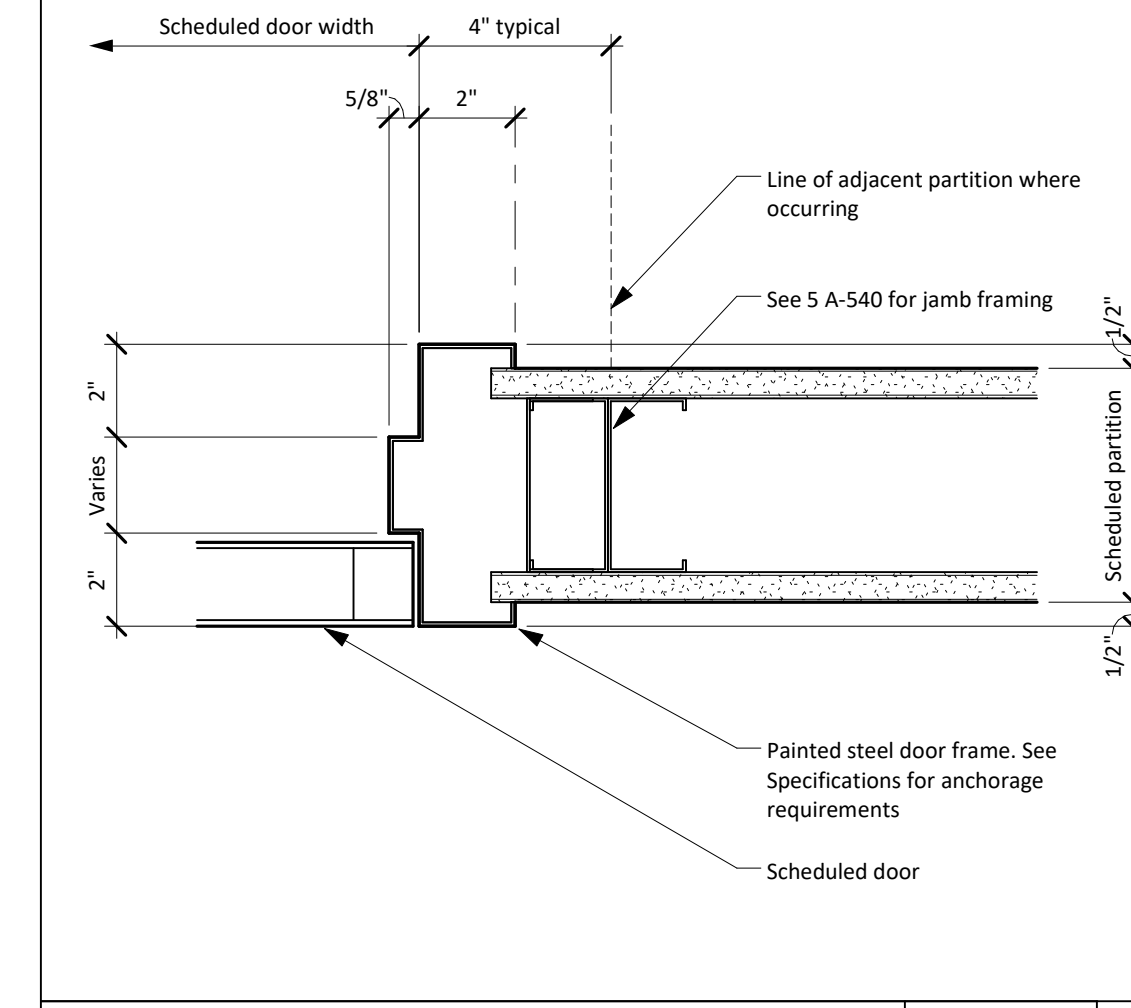
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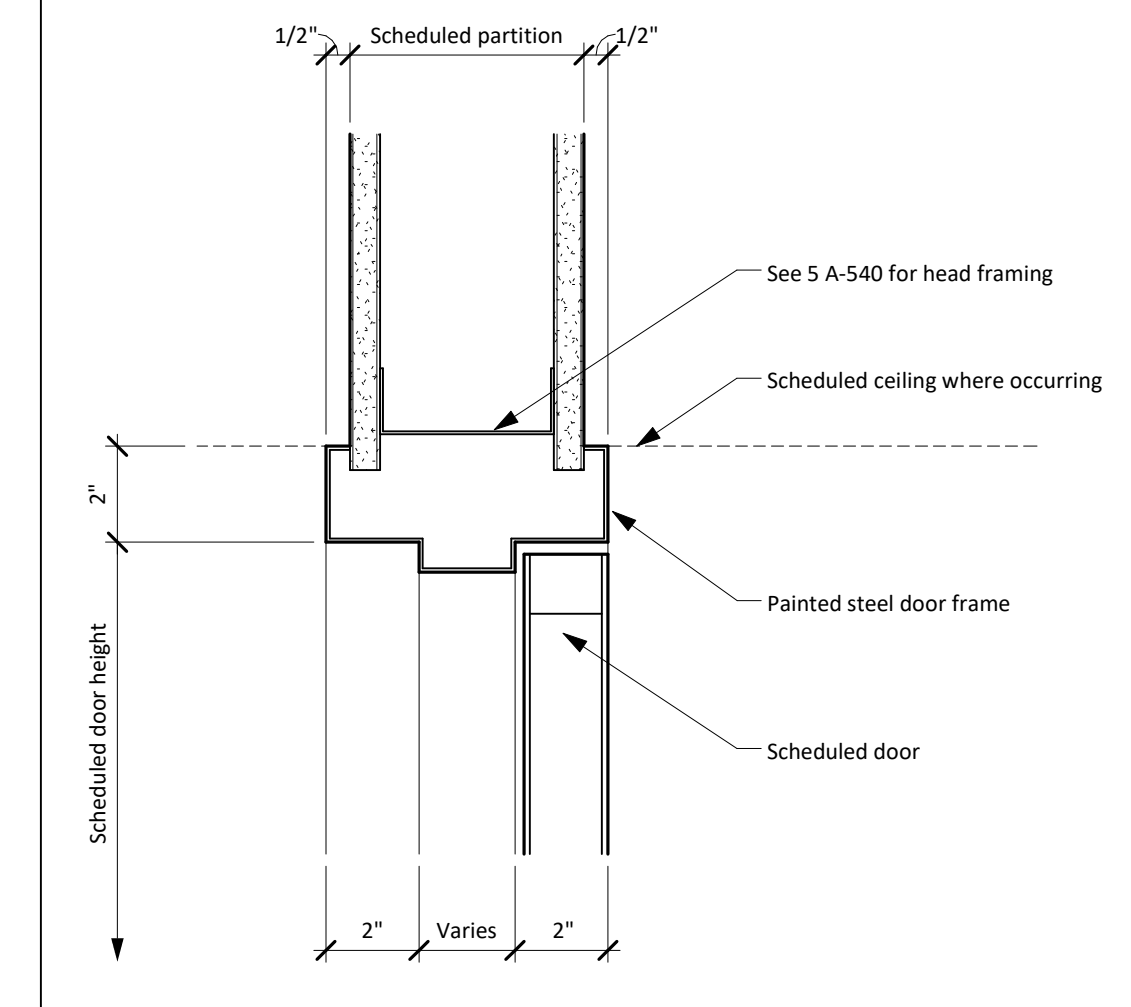
Acoustical Ceiling Transition Detail 3" x 1'-0" 10 Typical Framing at Opening N.T.S. 5



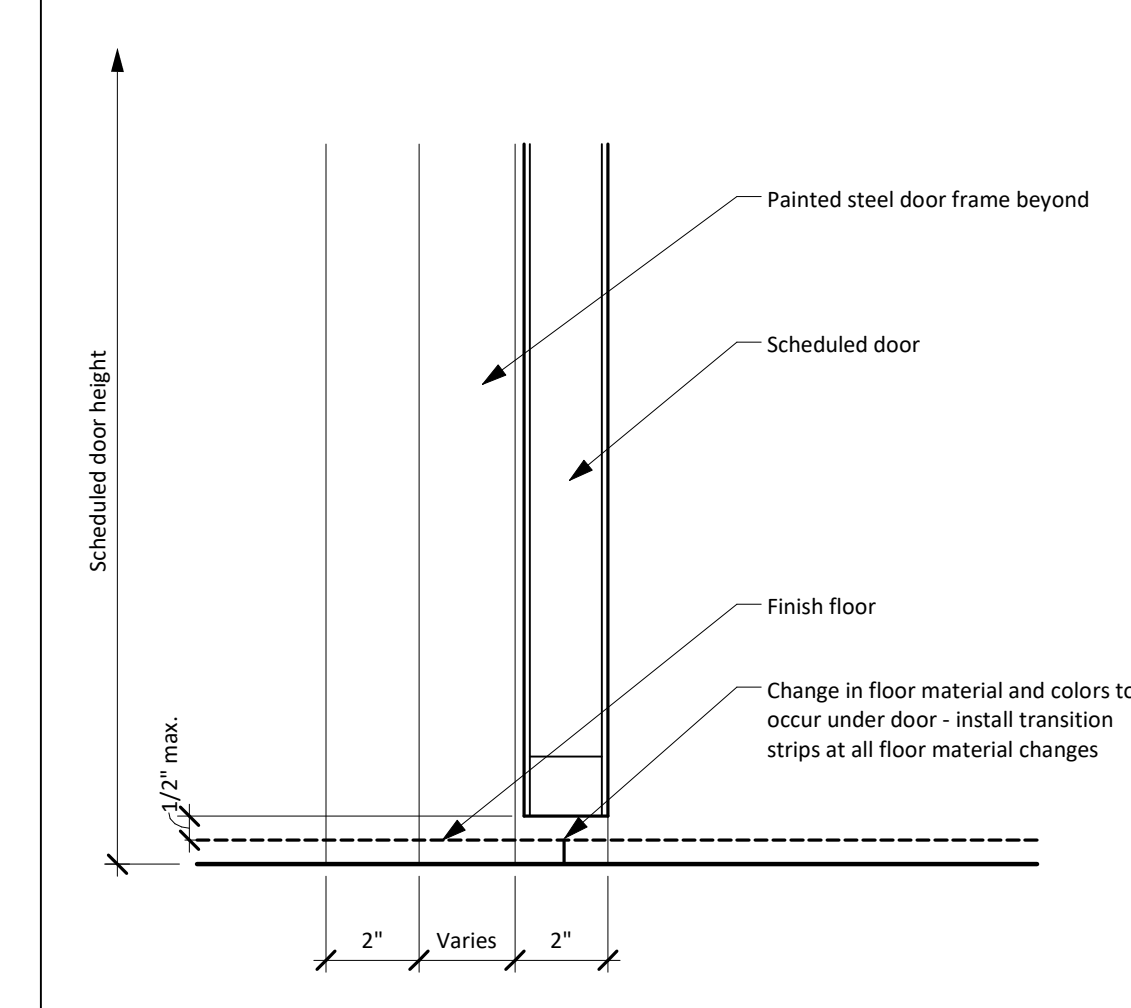
Ceiling Transition 3" x 1'-0" 14



Jamb at Interior Steel Door Frame 3" x 1'-0" 13



Head at Interior Steel Door Frame 3" x 1'-0" 12



Sill at Interior Steel Door Frame 3" x 1'-0" 11

Door Panel Elevations 1/4" x 1'-0" 2

Door Schedule table with columns: Mark, Description, Door (Width, Height, Thick, Elev. No., Material, Finish), Frame (Sill, Jamb, Head, Detail(s)), Hardware (Set No.), Fire Rating (min.), Notes.

HW Set 01 HW Set 02 HW Set 03 HW Set 04 table listing hardware items (Hinge, Pull Plate, Door Closer, Kick Plate, Floor Stop, Perimeter Gasketing, Elec Hinge, etc.) with part numbers, quantities, and descriptions.

HW Set 05 HW Set 06 table listing hardware items (Hinge, Elec Hinge, Elec CVR Exit, Auto Operator and push plates, Perimeter Gasket, Astragal/gait, Elec Cables, Door Position Switch, Card Reader, Hinge, Dust Proof Strike, Auto Flush Bolts, Storage Function, Cylinder/Core, Coordinator, Door Closer, Floor Stop, Perimeter Gasket, Astragal/gait) with part numbers, quantities, and descriptions.

General Note: Use Best brand hardware, see Door Hardware Specification. Hardware installer to make all modular plug and play connections at the time of installation. Security Contractor to connect DPS, maglock and tie hardware hinge-frame cable into system.

Door Type Schedule 1

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Houston, TX 77002  
(P) 713-580-8800

No.	Date	Description
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Finish Material Schedule					
Type Mark	Description	Manufacturer	Pattern/Line	Color	Notes
<b>Floors</b>					
CPT1	Carpet				
SVF1	Seamless welded sheet vinyl flooring				
<b>Base</b>					
RBC	Rubber base, cove				
RBS	Rubber base, straight				
<b>Walls</b>					
PT1	Paint				
<b>Ceilings</b>					
ACT1	Acoustical ceiling tile	Eurostone		White	
<b>Misc/Trim</b>					
PT1	Paint				
<b>Millwork</b>					
DALA	Clear anodized aluminum				
FPT1	Paint (frame)				
<b>Doors</b>					
DALA	Clear anodized aluminum				
DPL1	Plastic laminate				
DPT1	Paint (door)				
<b>Frames</b>					
DALA	Clear anodized aluminum				
FPT1	Paint (frame)				

**Notes to Schedule:**  
1.  
2.

**General Notes:**  
1. Refer to 3 A-560 for Millwork Finish Schedule.  
2.

Equipment Schedule						
Mark	Description	Manufacturer	Model	Contractor Furnished	Owner Furnished	Notes

**Notes to Schedule:**  
1.  
2.

**General Notes:**  
1. Provide treated wood blocking in walls for mounting of equipment as recommended by the manufacturer.  
2.

Room Finish Type Schedule							
Finish Type Mark	Floor	Base	Wall	Ceiling	Misc/Trim	Door	Frame
F2	CPT1	RBS	PT1	ACT1	-	DPL1	FPT1
F4	SVF1	RBC	PT1	ACT1	-	DPL1	FPT1

**Notes to Schedule:**  
1.  
2.

**General Notes:**  
1. All restrooms are to receive floor to ceiling tile unless noted otherwise.  
2.

Toilet Accessories Schedule				
Mark	Description	Manufacturer	Model	Notes

**Notes to Schedule:**  
1.  
2.

**General Notes:**  
1. Where not shown on elevations, mount all accessories as shown on 13/ G-100, or if not shown at the manufacturer's recommended mounting height and in compliance with all local and national accessibility requirements.  
2. Provide treated wood blocking in walls for mounting of all accessories as recommended by the manufacturer.  
3. All accessories must meet the Texas Accessibility Standards requirements.

**SPH Egress Renovation**



**Schedules**

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ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes items like AIR (COMPRESSED), ABOVE, AIR CONDITIONING, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like INSIDE DIAMETER, INVERT ELEVATION, INCH, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like TRENCH DRAIN, TOTAL DYNAMIC HEAD, TELEPHONE, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like BELOW CENTER, BUILDING, BENCHMARK, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like LENGTH, LAVATORY, LAYOUT, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like VOLT, VENT, VACUUM, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like CONDUIT, CELSIUS, CUBIC FEET PER MINUTE, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like METER, MAXIMUM, THOUSANDS OF BTU'S, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like WATT, WASTE, WIDTH, WITH, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like DEPTH, DRAIN, DECIBEL, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like NORMALLY CLOSED, NATIONAL ELECTRICAL CODE, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like ELBOW UP, ELBOW DOWN, DIRECTION OF FLOW, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like ENTERING AIR TEMPERATURE, ECCENTRIC, ENTERING DRY BULB, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like PUMP, PLUMBING EQUIPMENT, PRESSURE DROP, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like DIRECTION OF SLOPE DOWN, CONCENTRIC REDUCER, ECCENTRIC REDUCER, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like EACH, ENTERING AIR TEMPERATURE, ECCENTRIC, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like OUTSIDE AIR, OUTSIDE AIR FAN, OPPOSED BLADE FAN, etc.

Table with 2 columns: Abbreviation and Full Name. Includes items like CHECK VALVE, TWO-WAY MODULATING CONTROL VALVE, THREE-WAY MODULATING CONTROL VALVE, etc.

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MEP SYMBOLS (ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON THE DRAWINGS)

Table with 2 columns: PIPING TYPES and DUCTWORK. Includes symbols for chilled water supply, return, heating hot water supply, etc.

Table with 2 columns: LIGHTING and SWITCHES. Includes symbols for incandescent or HID lighting fixture, relocated existing, etc.

Table with 2 columns: RECEPTACLES AND OUTLETS. Includes symbols for simplex wall receptacle, duplex wall receptacle, etc.

GENERAL NOTES

- 1. ALL MECHANICAL, ELECTRICAL & PLUMBING WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL BUILDING CODES AND LANDLORD'S STANDARDS REQUIREMENTS... 2. THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS SHALL VISIT THE SITE AND EXAMINE THE EXISTING CONDITIONS... 3. ALL WORK IN OCCUPIED TENANT SPACES (E.G. PLUMBING OR ELECTRICAL WORK IN AN OCCUPIED SPACE) MUST BE SCHEDULED THROUGH THE BUILDING MANAGER...

Table with 2 columns: PIPING SYMBOLS. Includes symbols for elbow up, elbow down, direction of flow, etc.

Table with 2 columns: FIRE ALARM. Includes symbols for fire alarm control panel, fire alarm remote annunciator, fire alarm audio visual signal, etc.

Table with 2 columns: CIRCUITING AND WIRING. Includes symbols for conduit concealed in wall or ceiling, conduit cast in concrete or below slab, etc.

Table with 2 columns: MISCELLANEOUS. Includes symbols for plumbing fixtures, drawing note reference, owner or contractor furnished equipment reference, etc.

Table with 2 columns: PANEL DESIGNATIONS. Includes symbols for 2HA-3, 2HA-4, 2HA-5, etc.

Table with 2 columns: CIRCUITING NOTES. Includes notes about lighting fixture circuiting, branch circuit numbers, etc.

Table with 2 columns: ELECTRICAL EQUIPMENT. Includes symbols for distribution panel, switchboard or motor control center, new panelboard, etc.

Table with 2 columns: MOTORS AND CONTROLS. Includes symbols for single or three phase motor, electric duct heater, disconnect switch, etc.

Table with 2 columns: DRAWING LIST. Includes list of drawing sheets: MEP-000 MECHANICAL/ELECTRICAL/PLUMBING SYMBOLS AND ABBREVIATIONS, etc.

Table with 2 columns: DRAWING/DETAIL REFERENCE KEY. Includes symbols for drawing/detail number, sheet number, etc.



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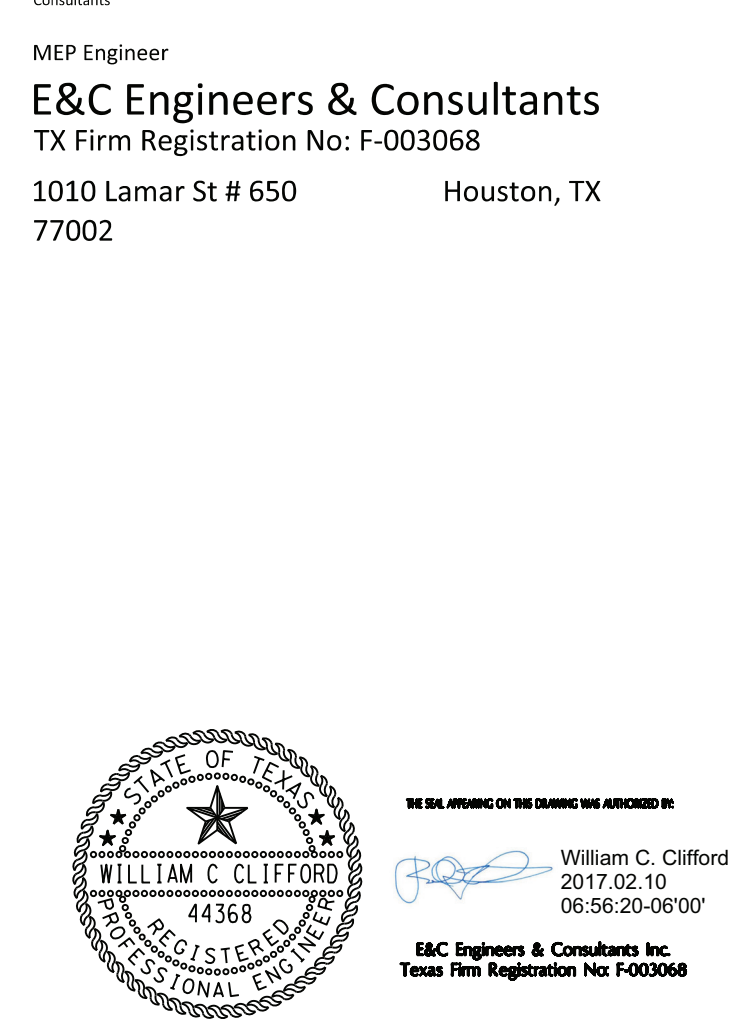


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School of Public Health Egress Renovation

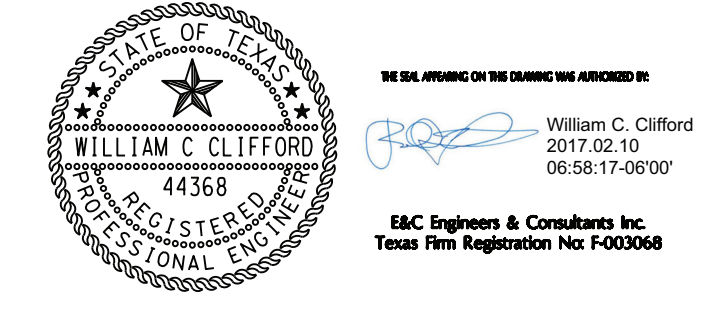
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Mechanical/Electrical/Plumbing Symbols and Abbreviations





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1010 Lamar St # 650 Houston, TX  
77002



Issues / Revisions

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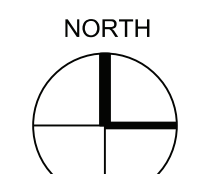
**School of Public Health  
Egress  
Renovation**

UT Health

**Mechanical/Plumbing  
Basement Level  
Demolition Plan**



- GENERAL NOTES:**
- RE: MEP-000 FOR ADDITIONAL GENERAL NOTES.
  - COORDINATE EXACT DEMOLITION SCOPE WITH EXISTING CONDITIONS AND NOTIFY THE ENGINEER FOR DIRECTION IF EXISTING CONDITIONS DIFFER SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS.
  - TO ALLOW THE AIR HANDLING UNIT TO REMAIN IN OPERATION.
- DRAWING NOTES:**
- EXISTING SPACE TEMPERATURE SENSOR TO REMAIN AND BE REUSED.
  - EXISTING HVAC DOUBLE DUCT TERMINAL UNIT TO REMAIN AND BE REUSED.
  - EXISTING HVAC DOUBLE DUCT TERMINAL UNIT TO BE REMOVED AND REINSTALLED NEW LOCATION SHOWN ON THE MECHANICAL/PLUMBING ALTERATION PLAN.
  - EXISTING SUPPLY AIR GRILL TO REMAIN AND BE REUSED.
  - EXISTING SUPPLY AIR GRILL TO BE REMOVED AND REINSTALLED NEW LOCATION SHOWN ON THE MECHANICAL/PLUMBING ALTERATION PLAN. CAP, SEAL AND INSULATE EXISTING DUCT OPENING.
  - EXISTING SUPPLY AIR GRILL AND PORTION OF EXISTING SUPPLY DUCTWORK SHOWN TO BE REMOVED AND REINSTALLED NEW LOCATION SHOWN ON THE MECHANICAL/PLUMBING ALTERATION PLAN.
  - TYPICAL EXISTING FIRE SPRINKLER HEAD LOCATION.





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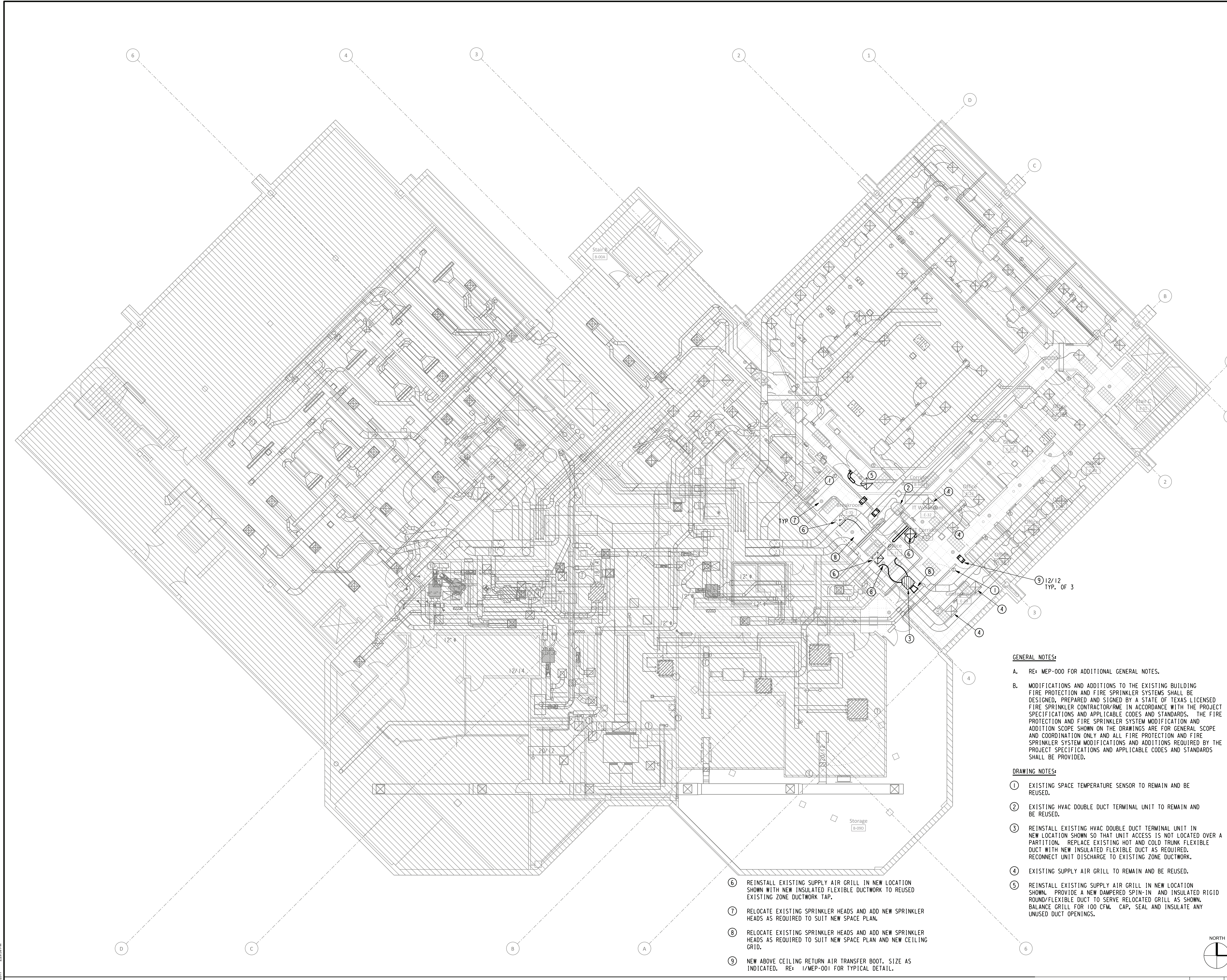
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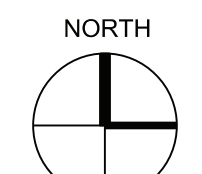
UT Health

**Mechanical/Plumbing  
Basement Level  
Renovation Plan**



- GENERAL NOTES:**
- A. RE: MEP-000 FOR ADDITIONAL GENERAL NOTES.
  - B. MODIFICATIONS AND ADDITIONS TO THE EXISTING BUILDING FIRE PROTECTION AND FIRE SPRINKLER SYSTEMS SHALL BE DESIGNED, PREPARED AND SIGNED BY A STATE OF TEXAS LICENSED FIRE SPRINKLER CONTRACTOR/RME IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS. THE FIRE PROTECTION AND FIRE SPRINKLER SYSTEM MODIFICATION AND ADDITION SCOPE SHOWN ON THE DRAWINGS ARE FOR GENERAL SCOPE AND COORDINATION ONLY AND ALL FIRE PROTECTION AND FIRE SPRINKLER SYSTEM MODIFICATIONS AND ADDITIONS REQUIRED BY THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS SHALL BE PROVIDED.
- DRAWING NOTES:**
- ① EXISTING SPACE TEMPERATURE SENSOR TO REMAIN AND BE REUSED.
  - ② EXISTING HVAC DOUBLE DUCT TERMINAL UNIT TO REMAIN AND BE REUSED.
  - ③ REINSTALL EXISTING HVAC DOUBLE DUCT TERMINAL UNIT IN NEW LOCATION SHOWN SO THAT UNIT ACCESS IS NOT LOCATED OVER A PARTITION. REPLACE EXISTING HOT AND COLD TRUNK FLEXIBLE DUCT WITH NEW INSULATED FLEXIBLE DUCT AS REQUIRED. RECONNECT UNIT DISCHARGE TO EXISTING ZONE DUCTWORK.
  - ④ EXISTING SUPPLY AIR GRILL TO REMAIN AND BE REUSED.
  - ⑤ REINSTALL EXISTING SUPPLY AIR GRILL IN NEW LOCATION SHOWN. PROVIDE A NEW DAMPERED SPIN-IN AND INSULATED RIGID ROUND/FLEXIBLE DUCT TO SERVE RELOCATED GRILL AS SHOWN. BALANCE GRILL FOR 100 CFM. CAP, SEAL AND INSULATE ANY UNUSED DUCT OPENINGS.

- ⑥ REINSTALL EXISTING SUPPLY AIR GRILL IN NEW LOCATION SHOWN WITH NEW INSULATED FLEXIBLE DUCTWORK TO REUSED EXISTING ZONE DUCTWORK TAP.
- ⑦ RELOCATE EXISTING SPRINKLER HEADS AND ADD NEW SPRINKLER HEADS AS REQUIRED TO SUIT NEW SPACE PLAN.
- ⑧ RELOCATE EXISTING SPRINKLER HEADS AND ADD NEW SPRINKLER HEADS AS REQUIRED TO SUIT NEW SPACE PLAN AND NEW CEILING GRID.
- ⑨ NEW ABOVE CEILING RETURN AIR TRANSFER BOOT. SIZE AS INDICATED. RE: 1/MEP-001 FOR TYPICAL DETAIL.





### LIGHT FIXTURE SCHEDULE

FIXTURE TYPE	MANUFACTURER	CATALOG NUMBER	LAMP TYPE	BALLAST/DRIVER TYPE	VOLTAGE	FIXTURE WATTS	MOUNTING	DESCRIPTION
X1	PHILLIPS/CHLORIDE	55L 3 R OR APPROVED EQUAL (a)	5 W RED LED	INTEGRAL LED DRIVER	120/277 V	5 W	SURFACE	SINGLE FACE LED EXIT SIGN WITH BRUSHED ALUMINUM FACE AND BLACK HOUSING. RED LETTER, TO MATCH EXISTING. ARROWS AS INDICATED.
X2	PHILLIPS/CHLORIDE	55L 3 R OR APPROVED EQUAL (a)	5 W RED LED	INTEGRAL LED DRIVER	120/277 V	5 W	SURFACE	DOUBLE FACE LED EXIT SIGN WITH BRUSHED ALUMINUM FACE AND BLACK HOUSING. RED LETTER, TO MATCH EXISTING. ARROWS AS INDICATED.

NOTE (a) - CONFIRM VISUAL COMPATIBILITY WITH EXISTING EXIT SIGNS IN THE AREA PRIOR TO ORDERING.

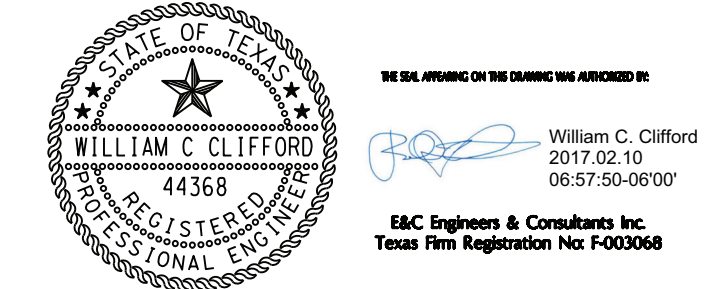
### GENERAL NOTES:

- RE: MEP-000 FOR ADDITIONAL GENERAL NOTES.
- MODIFICATIONS AND ADDITIONS TO THE EXISTING BUILDING FIRE ALARM SYSTEM SHALL BE DESIGNED, PREPARED AND SIGNED BY A STATE OF TEXAS LICENSED FIRE ALARM PLANNING SUPERINTENDENT IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS. FIRE ALARM DEVICES SHOWN ON THE DRAWINGS ARE FOR GENERAL SCOPE AND COORDINATION ONLY AND ALL FIRE ALARM DEVICES REQUIRED BY THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS SHALL BE PROVIDED.



### DRAWING NOTES:

- EXISTING LIGHT FIXTURE TO REMAIN AND BE REUSED.
- EXISTING LIGHT SWITCH TO REMAIN AND BE REUSED.
- EXISTING EXIT SIGN TO REMAIN AND BE REUSED.
- RELOCATED EXISTING LIGHT FIXTURE, RECIRCUIT AS SHOWN.
- CIRCUIT RELOCATED LIGHT FIXTURE TO EXISTING BRANCH CIRCUIT WHICH SERVED EXISTING LIGHT FIXTURES REMOVED FROM THIS ROOM WITH NEW LIGHTING CONTROLS AS SHOWN.
- NEW WATTSTOPPER OR APPROVED EQUAL DUAL TECHNOLOGY WALLBOX OCCUPANCY SENSING LIGHT SWITCH.
- CIRCUIT RELOCATED LIGHT FIXTURE UNSWITCHED TO EXISTING UNSWITCHED EMERGENCY POWER BRANCH CIRCUIT WHICH SERVED EXISTING LIGHT FIXTURE REMOVED FROM THIS ROOM.
- RECIRCUIT EXISTING LIGHT FIXTURE TO BRANCH CIRCUIT SERVING EXISTING CORRIDOR LIGHT FIXTURES AS SHOWN.
- CIRCUIT EXISTING/RELOCATED LIGHT FIXTURES TO BRANCH CIRCUIT SERVING EXISTING CORRIDOR LIGHT FIXTURES AS SHOWN.
- NEW LED EXIT SIGN, TYPE AS SHOWN.
- CIRCUIT NEW EXIT SIGNS TO BRANCH CIRCUIT SERVING EXISTING EXIT SIGNS AS SHOWN.
- REPLACE EXISTING EXIT SIGN WITH NEW LED EXIT SIGN, TYPE AS SHOWN.
- EXISTING UNSWITCHED LIGHT FIXTURE ON EMERGENCY POWER TO REMAIN AND BE REUSED.
- EXISTING CEILING FIRE ALARM STROBE TO REMAIN AND BE REUSED.
- NEW CEILING FIRE ALARM STROBE. WIRE AND INTERFACE WITH FIRE ALARM SYSTEM AS REQUIRED.
- NEW FIRE ALARM MANUAL PULL STATION. WIRE AND INTERFACE WITH FIRE ALARM SYSTEM AS REQUIRED.
- NEW ABOVE CEILING FIRE ALARM RELAY FOR INTERFACE WITH DOOR ACCESS CONTROLS. WIRE AND INTERFACE WITH FIRE ALARM SYSTEM AS REQUIRED.



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# School of Public Health Egress Renovation

UT Health

## Electrical Lighting Basement Level Renovation Plan

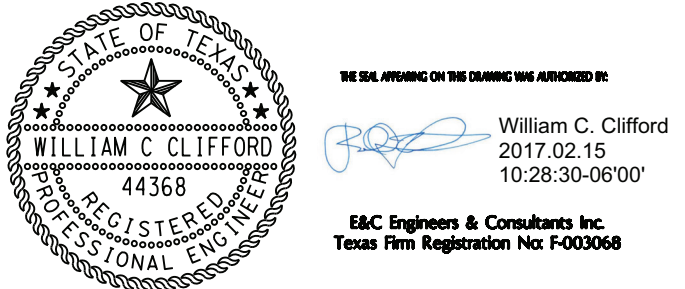
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Print Date / Time: 2/9/2017 2:33:43 PM	Sheet Number
E&C Commission Number	3366.00
EL-111	1

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UT Health

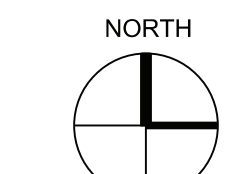
## Electrical Power Basement Level Renovation Plan

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- GENERAL NOTES:**
- A. RE: MEP-000 FOR ADDITIONAL GENERAL NOTES.
  - B. UPDATE EXISTING PANEL SCHEDULES TO INDICATE NEW LOADS SERVED AND TO LABEL CIRCUIT BREAKERS FREED DURING DEMOLITION AS SPARE, APPLICABLE.

- DRAWING NOTES:**
- 1 EXISTING DUPLEX RECEPTACLE AND ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING TO REMAIN AND BE REUSED.
  - 2 NEW NEMA 5-20R DUPLEX RECEPTACLE AT 18" AFF.
  - 3 NEW NEMA 5-20R FOURPLEX RECEPTACLE AT 18" AFF.
  - 4 CIRCUIT NEW RECEPTACLE TO EXISTING BRANCH CIRCUIT SERVING EXISTING RECEPTACLE AS SHOWN.
  - 5 CIRCUIT NEW RECEPTABLES TO THE EXISTING BRANCH CIRCUIT WHICH SERVED EXISTING RECEPTABLES WHICH WERE REMOVED FROM THE EXISTING OFFICE.

- 6 CIRCUIT NEW RECEPTACLE TO THE EXISTING BRANCH CIRCUIT WHICH SERVED THE EXISTING RECEPTACLE WHICH WAS REMOVED FROM THE STORAGE ROOM.
- 7 CIRCUIT NEW RECEPTACLE TO THE EXISTING BRANCH CIRCUIT WHICH SERVED THE EXISTING RECEPTACLE WHICH WAS REMOVED FROM THE CONFERENCE ROOM.
- 8 NEW CCTV MONITOR DUPLEX RECEPTACLE AT 60" AFF AND NEW VOICE DATA ROUGH-IN AT 60" AFF FOR EXISTING DEDICATED CCTV CABLE TO BE REROUTED THE NEW CCTV MONITOR LOCATION BY UTHEALTH'S VOICE/DATA CABLING CONTRACTOR.
- 9 CIRCUIT NEW RECEPTACLE TO THE EXISTING BRANCH CIRCUIT WHICH SERVED THE EXISTING CCTV MONITOR RECEPTACLE WHICH WAS REMOVED FROM THE CORRIDOR WALL.
- 10 EXISTING DUPLEX RECEPTACLE AND AV/DATA CABLING TO EXISTING FLAT SCREEN MONITOR TO REMAIN AND BE REUSED.
- 11 EXISTING DUPLEX RECEPTABLES SERVING EXISTING IT WORKSTATIONS TO REMAIN AND BE REUSED.
- 12 EXISTING VOICE/DATA OUTLET TO REMAIN AND BE REUSED.
- 13 NEW 4" SQUARE BOX SINGLE GANG DRYWALL RING AND 1" C. WITH PULLCORD TO AN ACCESSIBLE CEILING SPACE FOR INSTALLATION AND CABLING OF A NEW VOICE/DATA OUTLET BY THE VOICE/DATA CABLING CONTRACTOR. RE: GENERAL NOTE B FOR ADDITIONAL REQUIREMENTS.
- 14 NEW 120 VOLT POWER CONNECTION TO EGRESS DOOR FROM AN EXISTING SPARE 20A/1P CIRCUIT BREAKER IN AN EXISTING BASEMENT 120/208V PANELBOARD.
- 15 RELOCATE EXISTING CONTROL POWER CONNECTION TO SERVE RELOCATED HVAC DOUBLE DUCT BOX.
- 16 PROVIDE ROUGH-IN AS REQUIRED FOR NEW ACCESS CONTROLS TO BE INSTALLED BY A BY A STATE VETTED SECURITY CONTRACTOR.



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