

ADDENDUM 1

DATE: 07/30/2018
PROJECT: Simulation Lab Renovation
ITB NO: 744-R1825
OWNER: The University of Texas Health Science Center at Houston
TO: Prospective Proposers

This Addendum forms part of and modifies Proposal Documents dated, July 5, 2018, with amendments and additions noted below.

1. **Addendum Narrative and drawings**



ADDENDUM NARRATIVE

DISTRIBUTION:	OWNER	<input checked="" type="checkbox"/>	UTHSC – Julie Lucas
	ARCHITECT	<input checked="" type="checkbox"/>	FKP Architects, Inc. – Ardis Clinton
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	PROJ. MGMT.	<input type="checkbox"/>	Click here to enter text.
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DATE OF ISSUANCE: 7/24/2018

PROPOSAL REQUEST NO. Addendum No.1

OWNER'S NAME: The University of Texas Health Science Center - Cizik School of Nursing

PROJECT'S NAME: Simulation Lab

PROJECT'S ADDRESS: 6901 Bertner Ave.
Houston, TX 77030

PROJECT NUMBER: 045017.0000

CONTRACT NAME/DATE: UTHSC CSON Simulation Lab 5/4/2017

Description:

Documents have been updated to reflect coordination, constructability review, building envelope review and UTHSC review. See list of documents below and attached narrative of changes.

Attachments:

Drawings: (30 x 42)

ARCHITECTURAL:		DESCRIPTION
SHEET	VIEW	
A0.01		Sheet index updated.
A3.1A		Sheet index updated.
A3.1C		Elevation references updated.
A3.1D		Elevation references updated.
A4.1A		Sections and elevations added to RCP.
A4.1B		Sections added to RCP.
A5.1		Notes to sheet updated. Elevations added.
A5.2		Dimensions added to elevation A4.

	Tags updated.
A5.3	Dimensions added to elevation E6.
A5.4	Dimensions added to elevations B4 and A1
	Tags updated.
A6.2	Detail A4 removed.
IA0.01	Code to finishes updated.
IA5.1	Finishes updated.

MECHANICAL:

SHEET	VIEW	DESCRIPTION
M0.1		Revised room number on the fan coil unit schedule.
M.03		Added terminal box nomenclature. Added room number to terminal box schedule.
M1.1		Revised keyed notes 1 and 2.
M2.1		Revised general notes, paragraph B. Revision for the fabric ductwork, return air grilles and baseboard heaters, is described in the larger sections.
M3.1A		Revised keyed notes #1. Relocate number of return air grilles to be above temperature sensor.
		Revised general notes, paragraph D.
M3.1AU		Revised keyed notes number 4. Revised general notes, paragraph G. Revised fabric ductwork to three duct runout at 16" round. Relocate underfloor terminal boxes from under patient beds.
M3.1B		Revised keyed noted #3. Relocate number of return air grilles to be above temperature sensor.
M3.1BU		Revised keyed note #5. Revised general notes, paragraph G. Relocate underfloor terminal boxes from under patient beds.
M3.1C		Revised keyed notes #3. Revised general notes, paragraph G. Relocate number of return air grilles to be above temperature sensor.
M3.1CU		Revised keyed note #4. Revised general notes, paragraph G. Relocate underfloor terminal boxes from under patient beds. Revised fabric ductwork to three duct runout at 16" round.
M3.1D		Added keyed notes #4. Revised general notes, paragraph G. Relocate number of return air grilles to be above temperature sensor.

- M3.1DU Added keyed notes #9.
Revised general notes, paragraph G.
Relocate underfloor terminal boxes from under patient beds.
- M7.2 Added notes to terminal box mechanical detail #6.

ELECTRICAL:

SHEET	VIEW	DESCRIPTION
E0.1		Added photoelectric switch symbol.
E0.3		Revised luminaire schedule.
E1.1		Added keyed notes #4. Revised lighting in home health.
E2.1		Added keyed notes #10. Added new thermal zone circuiting brackets.
E6.0		Revised occupancy sensor wiring detail. Revised mock emergency contactor detail.
E7.0		Revised notes section on each panel.
E7.1		Revised notes section on panels 4LB Existing and 4LB.
ED2.0		Added keyed notes #5. Revised some locations of keyed note #4.
ED3.0		Revised general notes, paragraph A.

PLUMBING:

SHEET	VIEW	DESCRIPTION
PU2-4		Relocated plan west's vacuum exhaust discharge. Shifted piping affected by sink relocation.
P2-4		Shifted piping affected by sink relocation.

ARCHITECT: FKP Architects, Inc.

BY: Joseph Enciso

Document1

SHEET INDEX - ARCHITECTURAL

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
A0.0	SHEET INDEX	07/02/2018	07/24/2018
A0.1	GENERAL INFORMATION	ISSUE FOR CONSTRUCTION	ADDENDUM NO. 1
A0.2	FIRE RESISTANCE DESIGNS	ISSUE FOR CONSTRUCTION	07/02/2018
A1.1	OPENING & FRAME TYPES	ISSUE FOR CONSTRUCTION	07/02/2018
AD3.1	LEVEL 4 DEMOLITION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
AC2.1	LEVEL 4 LIFE SAFETY PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
AC2.1	LEVEL 4 LIFE SAFETY PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
A2.1	LEVEL 4 OVERALL FLOOR PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
A3.1A	LEVEL 4 ENLARGED PLANS	ISSUE FOR CONSTRUCTION	07/02/2018
A3.1B	LEVEL 4 ENLARGED PLANS	ISSUE FOR CONSTRUCTION	07/02/2018
A3.1C	LEVEL 4 ENLARGED PLANS	ISSUE FOR CONSTRUCTION	07/02/2018
A3.1D	LEVEL 4 ENLARGED PLANS	ISSUE FOR CONSTRUCTION	07/02/2018
A3.1E	LEVEL 4 ENLARGED PLANS	ISSUE FOR CONSTRUCTION	07/02/2018
A4.1A	LEVEL 4 ENLARGED REFLECTED CEILING PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
A4.1B	LEVEL 4 ENLARGED REFLECTED CEILING PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
A5.1	INTERIOR ELEVATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
A5.2	INTERIOR ELEVATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
A5.3	INTERIOR ELEVATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
A5.4	INTERIOR ELEVATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
A6.1	INTERIOR DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018
A6.2	INTERIOR DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018
A6.3	INTERIOR DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018
A11.1	TYPICAL PARTITION TYPES	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - INTERIOR ARCHITECTURE

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
IA0.1	CODE TO FINISHES	ISSUE FOR CONSTRUCTION	07/02/2018
IA3.1A	LEVEL 4 FINISH PLAN - AREA A	ISSUE FOR CONSTRUCTION	07/02/2018
IA3.1B	LEVEL 4 FINISH PLAN - AREA B	ISSUE FOR CONSTRUCTION	07/02/2018
IA5.1	LEVEL 4 FLOOR PATTERN PLAN	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - FURNITURE

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
IF4.1	LEVEL 4 FURNITURE PLAN	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - EQUIPMENT

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
EQ3.1	LEVEL 4 EQUIPMENT PLANS	ISSUE FOR CONSTRUCTION	07/02/2018
EQ3.2A	LEVEL 4 ENLARGED EQUIPMENT PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
EQ3.2B	LEVEL 4 ENLARGED EQUIPMENT PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
EQ3.2C	LEVEL 4 ENLARGED EQUIPMENT PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
EQ3.2D	LEVEL 4 ENLARGED EQUIPMENT PLAN	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - MECHANICAL

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
M0.0	MECHANICAL LEGENDS, GENERAL NOTES AND SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018
M0.1	MECHANICAL SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018
M0.3	MECHANICAL SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018
M1.1	MECHANICAL DEMOLITION FOURTH FLOOR OVERALL HVAC PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
M2.1	MECHANICAL RENOVATION FOURTH FLOOR OVERALL HVAC PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
M3.1A	MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 1 - AREA A	ISSUE FOR CONSTRUCTION	07/02/2018
M3.1A.U	MECHANICAL FOURTH FLOOR UFAD PLAN - PHASE 1 - AREA A	ISSUE FOR CONSTRUCTION	07/02/2018
M3.1B	MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 1 - AREA B	ISSUE FOR CONSTRUCTION	07/02/2018
M3.1B.U	MECHANICAL FOURTH FLOOR UFAD PLAN - PHASE 1 - AREA B	ISSUE FOR CONSTRUCTION	07/02/2018
M3.1C	MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 2 - AREA A	ISSUE FOR CONSTRUCTION	07/02/2018
M3.1C.U	MECHANICAL FOURTH FLOOR UFAD PLAN - PHASE 2 - AREA A	ISSUE FOR CONSTRUCTION	07/02/2018
M3.1D	MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 2 - AREA B	ISSUE FOR CONSTRUCTION	07/02/2018
M3.1D.U	MECHANICAL FOURTH FLOOR UFAD PLAN - PHASE 2 - AREA B	ISSUE FOR CONSTRUCTION	07/02/2018
M6.1	MECHANICAL CONTROL WATER SUPPLY SCHEMATIC	ISSUE FOR CONSTRUCTION	07/02/2018
M6.2	MECHANICAL AIR RISER DIAGRAM	ISSUE FOR CONSTRUCTION	07/02/2018
M6.3	MECHANICAL CONTROL SCHEMATICS	ISSUE FOR CONSTRUCTION	07/02/2018
M7.1	MECHANICAL DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018
M7.2	MECHANICAL DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - ELECTRICAL

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
E0.1	ELECTRICAL SYMBOLS, LEGEND AND ABBREVIATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
E0.2	ONE LINE DIAGRAMS	ISSUE FOR CONSTRUCTION	07/02/2018
E0.3	LUMINAIRE SCHEDULE	ISSUE FOR CONSTRUCTION	07/02/2018
E1.1	LEVEL 04 LIGHTING RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
E2.1	LEVEL 04 POWER RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
E2.2	LEVEL 05 EXISTING POWER	ISSUE FOR CONSTRUCTION	07/02/2018
E3.1	LEVEL 04 FIRE ALARM RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
E6.0	ELECTRICAL DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018
E7.0	ELECTRICAL PANELBOARD SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018
E7.1	ELECTRICAL PANELBOARD SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018
E7.2	ELECTRICAL PANELBOARD SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018
ED1.0	LEVEL 04 LIGHTING DEMOLITION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
ED2.0	LEVEL 04 POWER DEMOLITION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
ED3.0	LEVEL 04 FIRE ALARM DEMOLITION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - FIRE PROTECTION

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
FP2.4	LEVEL 4 FIRE PROTECTION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - PLUMBING

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
PP.0	PLUMBING LEGEND, GENERAL NOTES AND SPECIFICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
PP.1	LEVEL 4 PLUMBING RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
PP.2	PLUMBING RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
PP.3	PLUMBING RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
PP.4	PLUMBING DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018
PP.5	LEVEL 4 PLUMBING DEMOLITION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018
PP.6	LEVEL 4 PLUMBING RENOVATION PLAN UNDER FLOOR	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - TELECOM AUDIO VISUAL

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
AV10.1	LEGEND AND NOTES - AUDIO VISUAL - INFRASTRUCTURE	ISSUE FOR CONSTRUCTION	07/02/2018
AV12.1	LEVEL 4 - FLOOR PLAN - AUDIO VISUAL - INFRASTRUCTURE	ISSUE FOR CONSTRUCTION	07/02/2018
AV14.1	LEVEL 4 - CEILING PLAN - AUDIO VISUAL - INFRASTRUCTURE	ISSUE FOR CONSTRUCTION	07/02/2018
AV5.1	GENERAL DETAILS - AUDIO VISUAL - INFRASTRUCTURE	ISSUE FOR CONSTRUCTION	07/02/2018

SHEET INDEX - TELECOM COMMUNICATIONS

SHEET NO.	SHEET NAME	ORIGINAL ISSUE DATE	CURRENT ISSUE DATE
T0.1	LEGEND AND NOTES - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
TD2.1	LEVEL 4 - DEMOLITION PLAN - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
T2.1	LEVEL 4 - FLOOR PLAN - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
T3.1	TELECOM ROOM DETAILS - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
T3.2	TELECOM ROOM DETAILS - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018
T4.1	GENERAL DETAILS - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018

ARCHITECT OF RECORD

CYNTHIA D. WALSTON



DATE: 07/02/2018

REVISIONS

1 07/24/2018 ADDENDUM NO. 1

PROJECT NAME

UTHealth
Jane and Robert Cizik
School of Nursing

The University of Texas
Health Science Center at Houston

SIMULATION LAB

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE

ISSUE FOR
CONSTRUCTION

DATE

07/02/2018

DRAWING TITLE

SHEET INDEX

DRAWING NUMBER

A0.01

GENERAL NOTES TO PLANS

- A. INFORMATION SHOWN OR REFERENCED ON ENLARGED AND/OR 1/4" SCALE DRAWINGS WILL GENERALLY NOT BE SHOWN ON THE SMALLER SCALE DRAWINGS.
- B. PARTITION TYPES ARE SCHEDULED ON PLANS BY NUMBER. SEE THE "GENERAL NOTES TO PARTITION TYPES" ON A11.1 AND PARTITION TYPES ON SHEET A11.1 FOR THE DEFINITION OF PARTITION TYPE REFERENCES KEYED ON PLANS.
- C. FIELD COORDINATE ALL FIELD ROUTED PIPE, CONDUIT RUNS, ETC., WITH LOCATIONS OF RECESSED ACCESSORIES AND EQUIPMENT. IN THE EVENT OF A CONFLICT, ACCESSORY LOCATIONS TAKE PRECEDENCE.
- D. CLOSE ALL JOINTS BETWEEN PLUMBING FIXTURES/ACCESSORIES AND DISSIMILAR MATERIALS W/SEALANT (I.E. BETWEEN SINKS AND COUNTERTOPS, TOILET FIXTURES AND ACCESSORIES TO WALL, ETC.)
- E. CABINET NUMBERS NOTED ON ENLARGED PLANS REFER TO CABINET COMPONENT NUMBERS, FIXTURES, ACCESSORIES, ETC. THAT ARE DEFINED OR ELEVATED ON SHEET A9.0A UNLESS SPECIFIC DETAIL REFERENCES ARE KEYED.
- F. PLAN DIMENSIONS ARE TO FINISHED FACE OF PARTITIONS AND GENERALLY ARE TIED TO A COLUMN CENTERLINE UNLESS SPECIFICALLY SHOWN CENTERED ON A PARTICULAR BUILDING ELEMENT I.E. A CHASE WALL, WINDOW MULLION, ETC.
- G. STANDARD EQUIPMENT WALL MOUNTING HEIGHTS, SEE DETAIL A2/A6.1.
- H. MEDICAL EQUIPMENT WALL MOUNTING HEIGHTS, SEE DETAIL D3/A6.2.
- I. FIRE PROTECTION EQUIPMENT WALL MOUNTING HEIGHTS, SEE DETAIL A6/A6.1.
- J. COMMUNICATION EQUIPMENT WALL MOUNTING HEIGHTS, SEE DETAIL D6/A6.2.
- K. EQUIPMENT MOUNTING HEIGHTS AT COUNTERTOPS, SEE DETAIL B3/A6.2.
- L. EQUIPMENT MOUNTING HEIGHTS AT DESKTOPS, SEE DETAIL B4/A6.2.

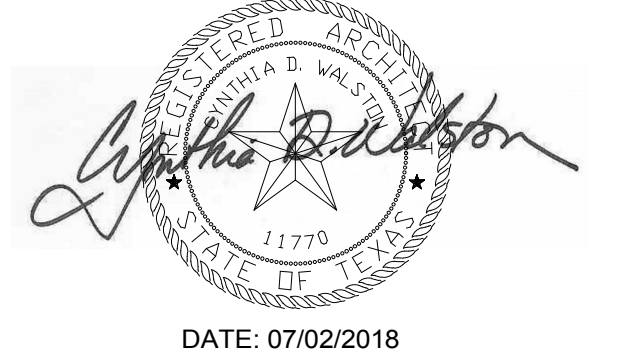
EXISTING
 NEW
 AREA NOT IN SCOPE

LEGEND
N.T.S.



ARCHITECT OF RECORD

CYNTHIA D. WALSTON

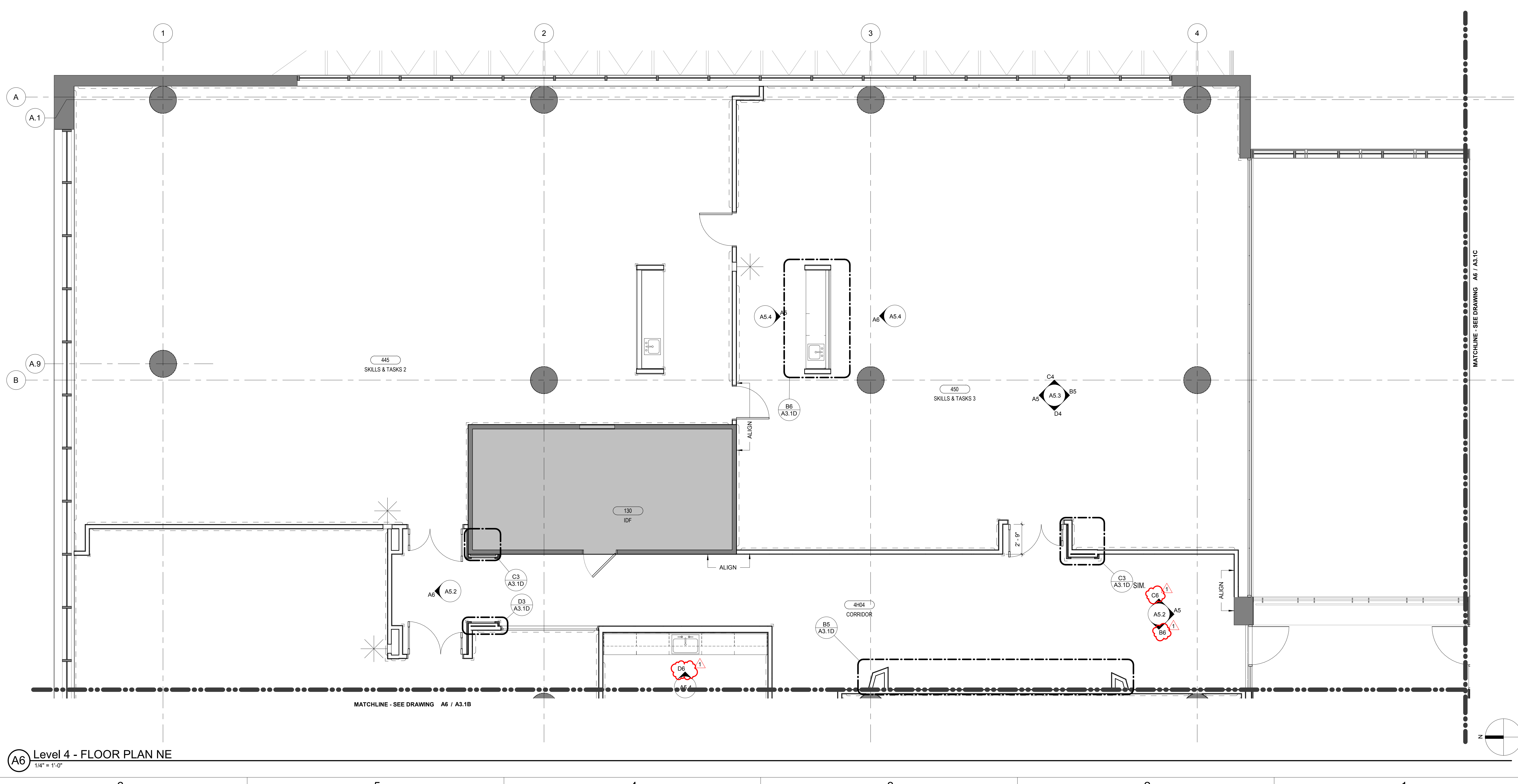


DATE: 07/02/2018

REVISIONS

1 07/24/2018 ADDENDUM NO. 1

E
D
C
B
A



A6 Level 4 - FLOOR PLAN NE
1/4" = 1'-0"

PROJECT NAME



The University of Texas
Health Science Center at Houston

SIMULATION LAB

PROJECT NUMBER

**045017.0000
CIP 1601**

ISSUE

**ISSUE FOR
CONSTRUCTION**

DATE

07/02/2018

DRAWING TITLE

**LEVEL 4
ENLARGED PLANS**

DRAWING NUMBER

A3.1A

EXISTING
 NEW
 AREA NOT IN SCOPE

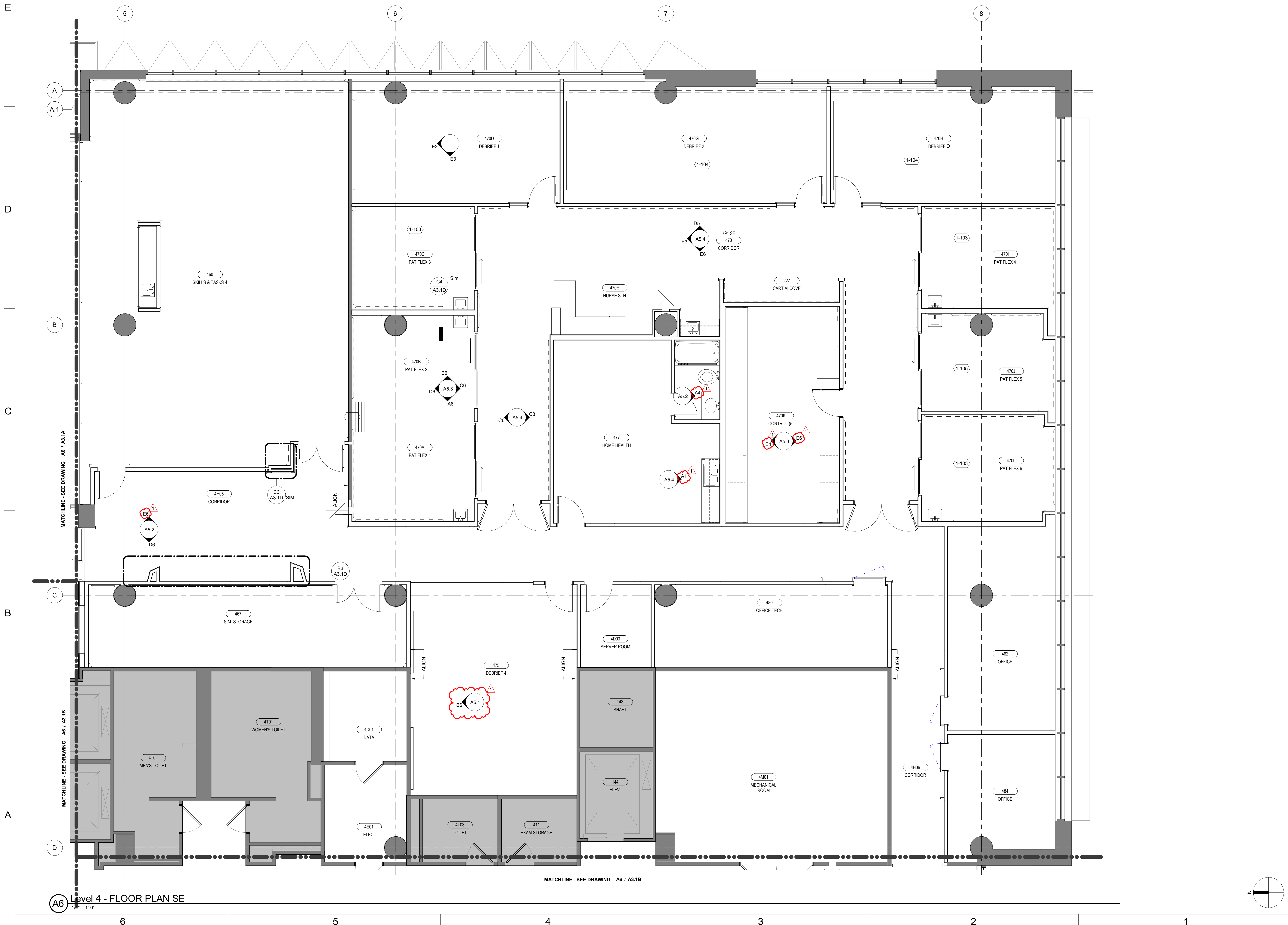
LEGEND
N.T.S.



ARCHITECT OF RECORD
 CYNTHIA D. WALSTON

 DATE: 07/02/2018

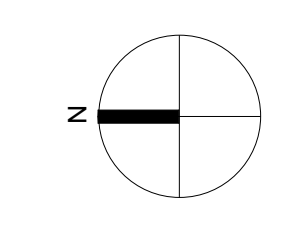
REVISIONS
 1 07/24/2018 ADDENDUM NO. 1



PROJECT NAME

 Jane and Robert Cizik
 School of Nursing
 The University of Texas
 Health Science Center at Houston
SIMULATION LAB

PROJECT NUMBER
045017.0000
CIP 1601
 ISSUE
ISSUE FOR CONSTRUCTION
 DATE
 07/02/2018
 DRAWING TITLE
LEVEL 4 ENLARGED PLANS
 DRAWING NUMBER
A3.1C





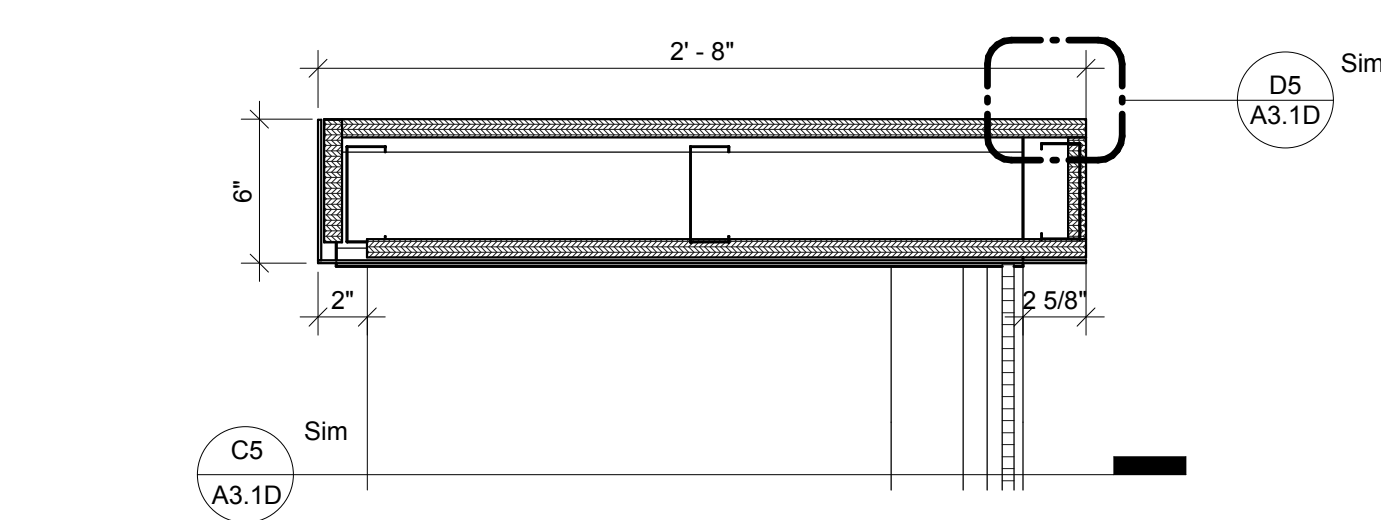
E

D

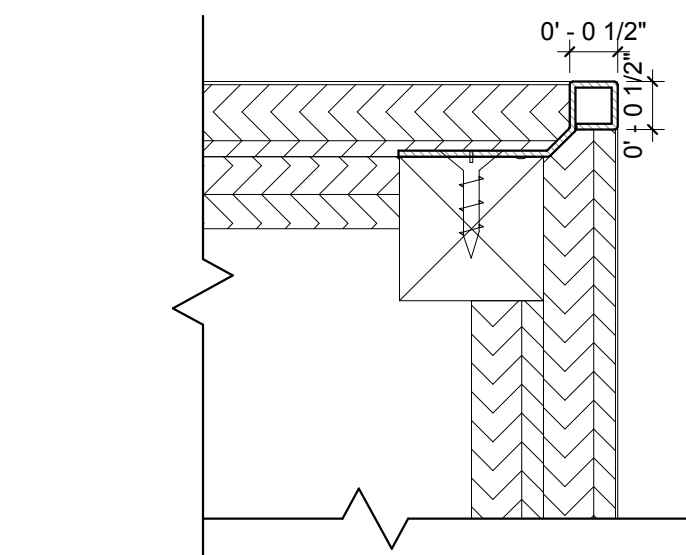
C

B

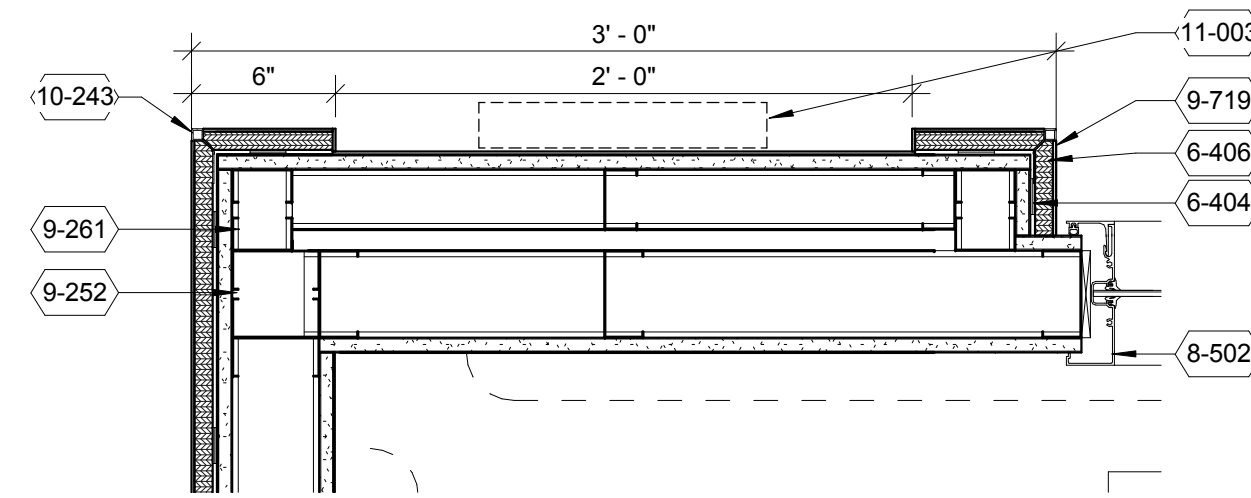
A



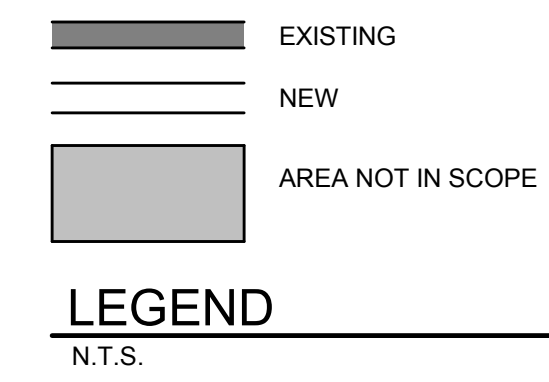
D6 SKILLS AND TASKS NURSE STATION -PLAN
1 1/2" = 1'-0"



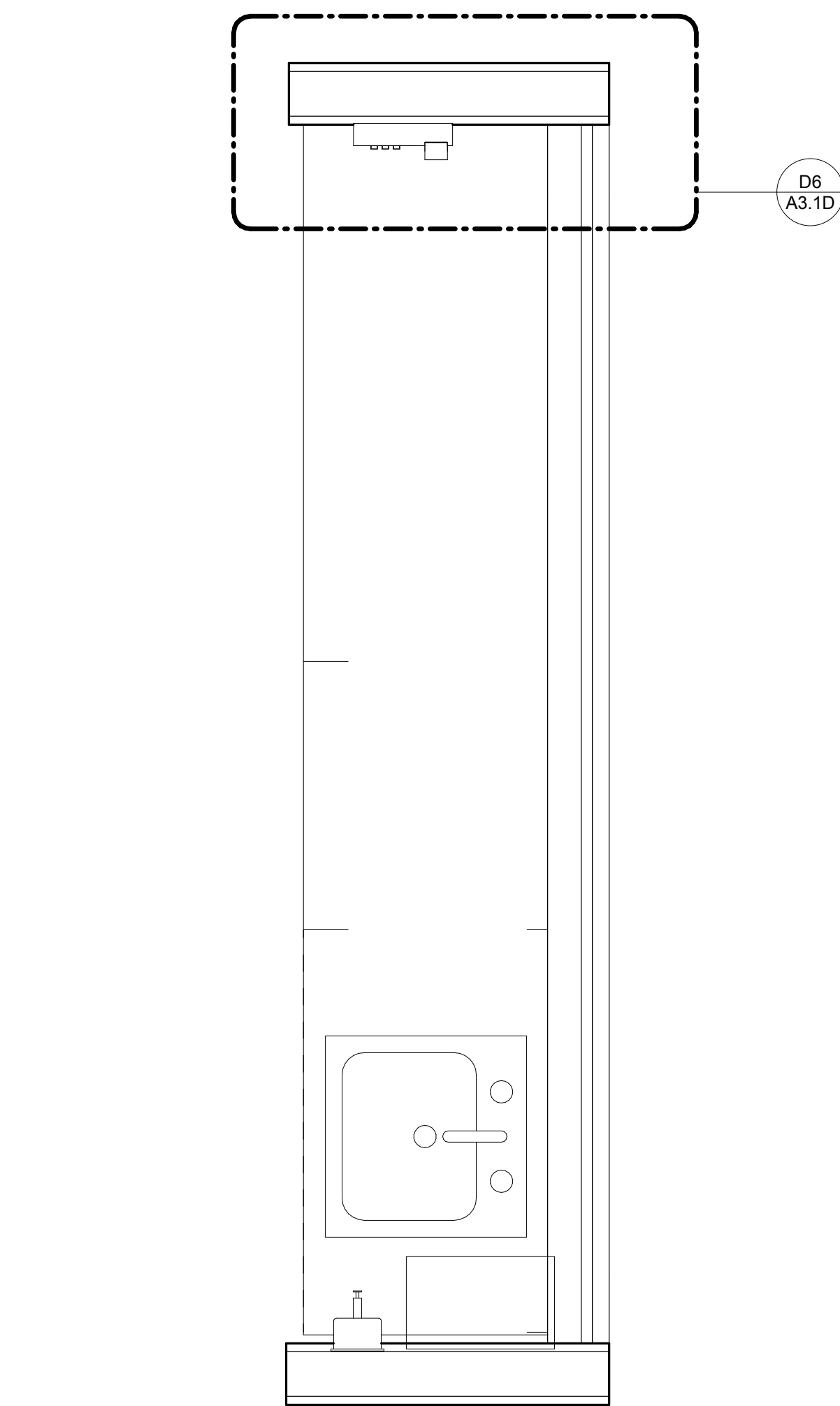
D5 MILLWORK CORNER
6" = 1'-0"



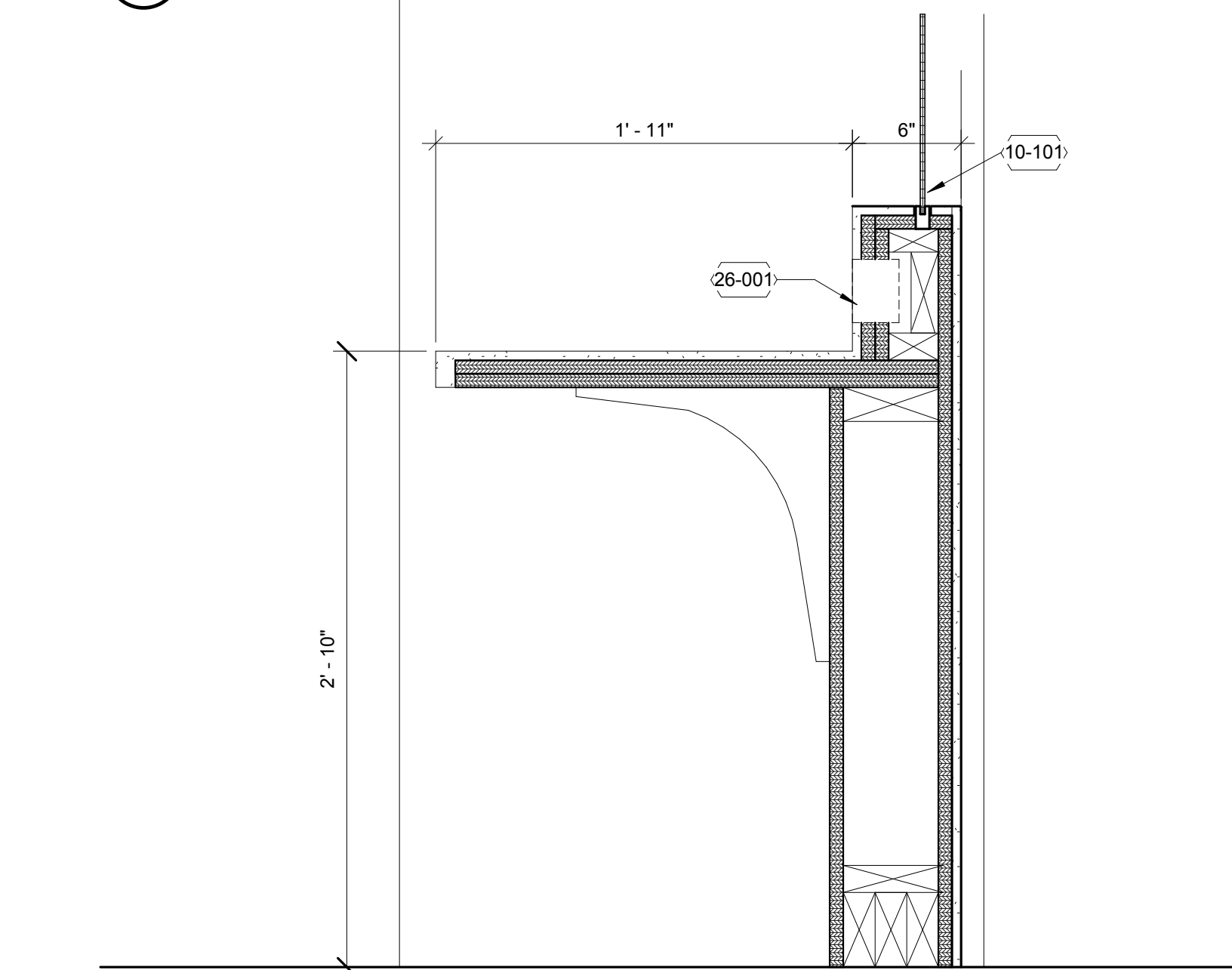
D3 SKILLS & TASKS ENTRY DETAIL @ WINDOW
1 1/2" = 1'-0"



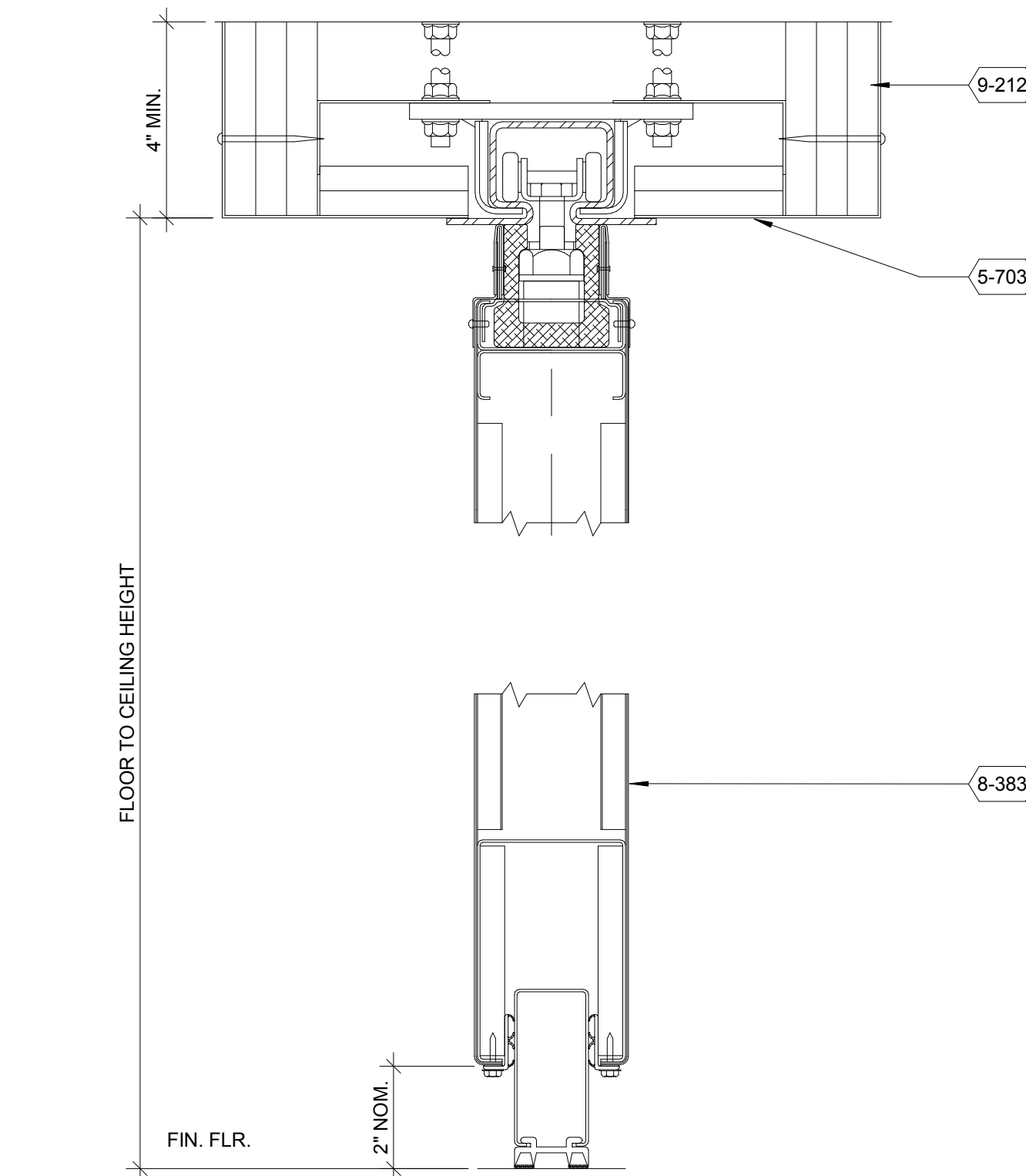
- NOTES TO SHEET**
- 1-101 SEE EXAMROOM 403 FOR TYPICAL ELEVATIONS
 - 5-703 SOFFIT, BRAKE METAL, 16 GA., PAINT TO MATCH CEILING.
 - 6-404 Z CLIP, 1/4"
 - 6-406 PLYWOOD, 5/8" THICK, PLASTIC LAMINATE AT ALL EXPOSED SURFACES
 - 8-383 OPERABLE PARTITION, REFER TO SPECIFICATIONS
 - 8-502 ALUMINUM WINDOW FRAME
 - 9-212 GYPSUM BOARD, 5/8"
 - 9-251 METAL FURRING STUD, 1.58"
 - 9-252 20 GA. METAL STUD, 3-5/8" AT 16" O.C.
 - 9-261 METAL STUD, 2-1/2"
 - 9-719 PLASTIC LAMINATE, PL-1. SEE CODE TO FINISHES.
 - 10-101 MARKERBOARD GLASS
 - 10-243 CORNER TRIM PIECE, 1/2" X 1/2", STAINLESS STEEL, CG-2. SEE CODE TO FINISHES.
 - 11-003 ROOM SCHEDULER. SEE AV DRAWINGS.
 - 26-001 REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION



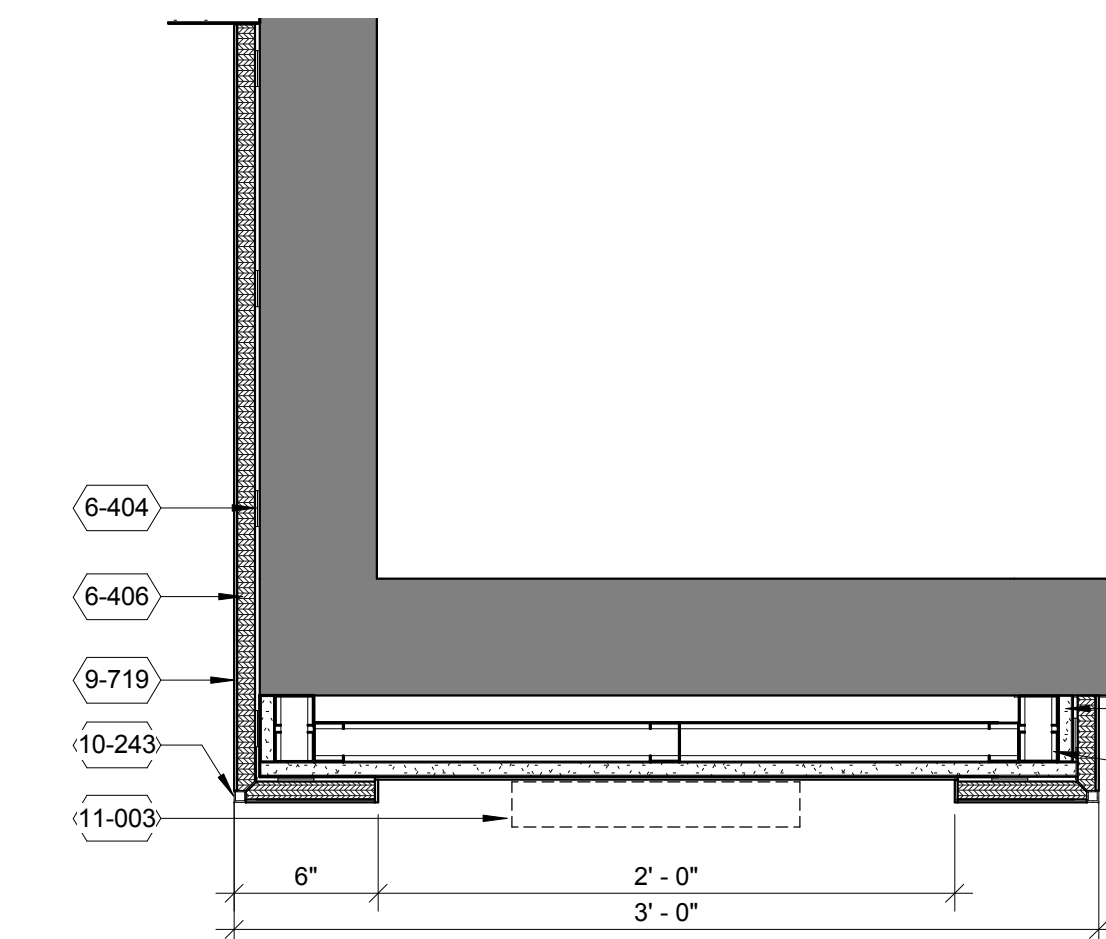
B6 SKILLS AND TASKS NURSE STATION
1" = 1'-0"



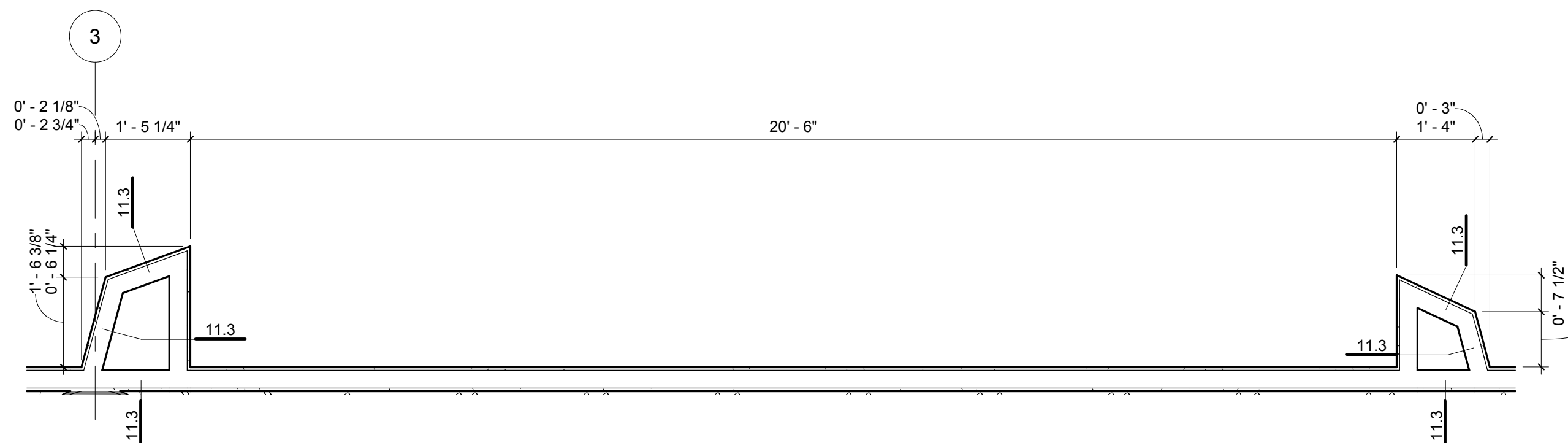
C5 SKILLS AND TASKS NURSE STATION - SECTION
1 1/2" = 1'-0"



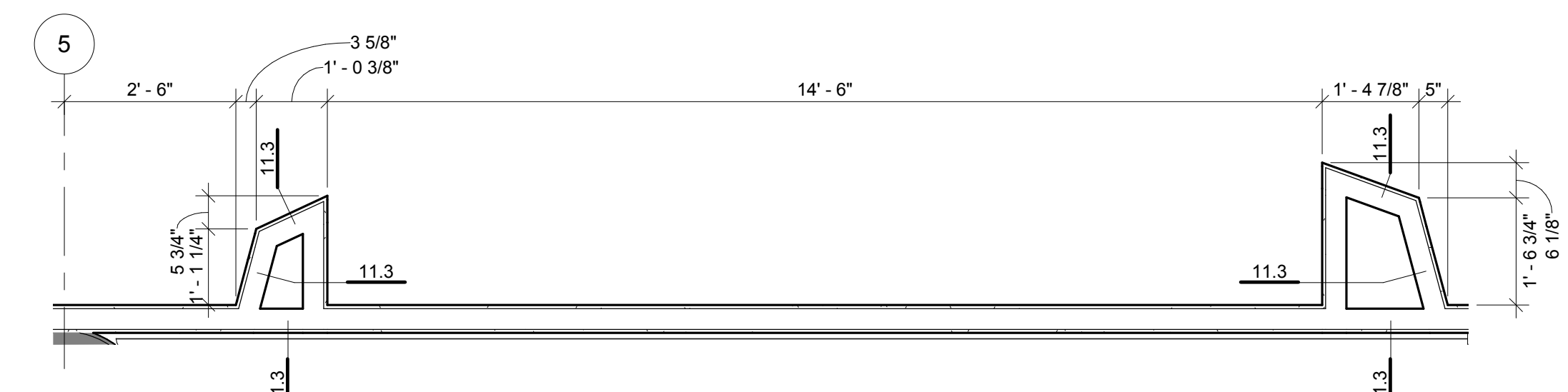
C4 OPERABLE PARTION SECTION
1/2" = 1'-0"



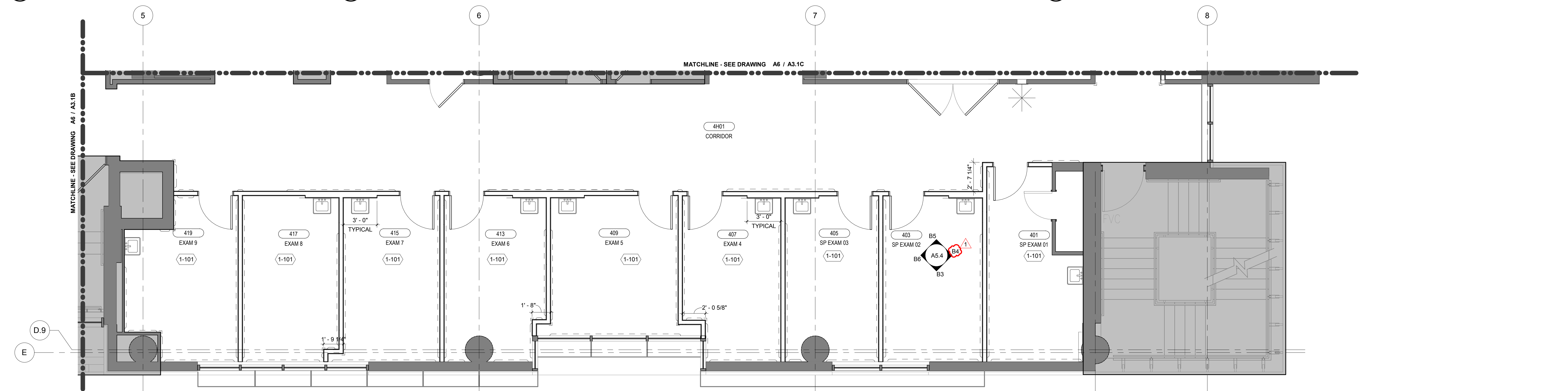
C3 SKILLS & TASKS ENTRY DETAIL
1 1/2" = 1'-0"



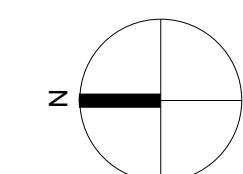
B5 ENLARGED FURNITURE ALCOVE - NORTH
1/2" = 1'-0"



B3 ENLARGED FURNITURE ALCOVE - SOUTH
1/2" = 1'-0"



A6 Level 4 - FLOOR PLAN SW
1/4" = 1'-0"



GENERAL NOTES TO REFLECTED CEILING PLANS

- A. REFER TO "FINISH SCHEDULE" FOR FURTHER DEFINITION OF CEILING MATERIALS AND FINISHES.
- B. CEILING HEIGHT WILL TYPICALLY BE (10'-0") UNLESS OTHERWISE NOTED ON THE REFLECTED CEILING PLAN.
- C. LOCATE ALL CEILING MOUNTED SMOKE DETECTORS AND SPEAKERS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS.
- D. LOCATE ALL SPRINKLER HEADS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS, AT GYPSUM BOARD CEILINGS, SYMMETRICALLY SPACE HEADS AND CENTER ON LIGHT ROWS WHERE AREA LIMITATIONS PERMIT.
- E. REFER TO MEP DOCUMENTS FOR LOCATIONS OF CEILING ACCESS PANELS. PUBLIC AREAS AND LOBBIES WITH DRYWALL OR PLASTER CEILINGS ARE TO USE CEILING ACCESS DOORS WITH A FINISH THAT MATCHES THE SURROUNDING MATERIAL. PER DETAIL. UNLESS NOTED OR DETAILED OTHERWISE ACCESS PANELS IN TOILETS AND BACK OF HOUSE SPACES WITH DRYWALL OR PLASTER CEILINGS ARE TO BE PAINTED METAL. PLASTER OR DRYWALL CEILINGS WITH ACCESS PANELS IN "WET" AREAS SUCH AS TUBS, SHOWERS, CART WASH AND CENTRAL STERILE AREAS ARE TO BE STAINLESS STEEL.
- F. FOR TYPICAL DRYWALL FURROWDOWN, SEE DETAILS B2-A6.1, B3-A6.1, AND B4/A6.
- G. 4"x4" MAIN RUNNER" CEILING GRID SYSTEM INCLUDED IN THE BUILDING "SHELL" CONSTRUCTION. PRE-STOCK ALL REMAINING 2"x2" GRID COMPONENTS FOR FUTURE INSTALLATION DURING TENANT BUILD-OUT.
- H. REFER TO MEP DRAWINGS FOR SCOPE OF TEMPORARY CEILING REMOVAL. IN AREAS REQUIRING REMOVAL OF GYPSUM BOARD CEILINGS, REPAIR OPENINGS AND PAINT ENTIRE CEILING TO MATCH EXISTING COLOR. IN AREAS REQUIRING REMOVAL OF LAY-IN PANELS CEILINGS, REMOVE PANELS AND STORE FOR REINSTALLATION. REMOVE SECONDARY CEILING GRID MEMBERS AS REQUIRED. KEEP PRIMARY GRID MEMBERS IN PLACE IF POSSIBLE. IF REMOVAL IS REQUIRED, REMOVE TO EXISTING SPICE JOINT. WHERE REMOVAL OF EXISTING LIGHT FIXTURES IS REQUIRED, REMOVE TO LIMITS OF FLEXIBLE CONDUITS AND PLACE BACK IN ORIGINAL LOCATION UPON COMPLETION OF WORK.

- +
- 4" RECESSED CAN LIGHT
- 4" LINEAR PENDANT
- 6" LINEAR PENDANT
- 4" TWO LAMP PENDANT
- 6" TWO LAMP PENDANT
- 8" TWO LAMP PENDANT
- COVE STRIP LIGHT
- 1' X 4' LED STANDARD LIGHT
- 2' X 4' LED STANDARD LIGHT
- 5' ACOUSTICAL BAFFLE
- 7' ACOUSTICAL BAFFLE
- RECESSED LINEAR LIGHT
- ⊗ ⊠ MECHANICAL GRILLS
- GYPSUM BOARD CEILING
- 2' X 2' SUSPENDED ACOUSTICAL TILE

RCP LEGEND
1/8" = 1'-0"

ARCHITECT OF RECORD

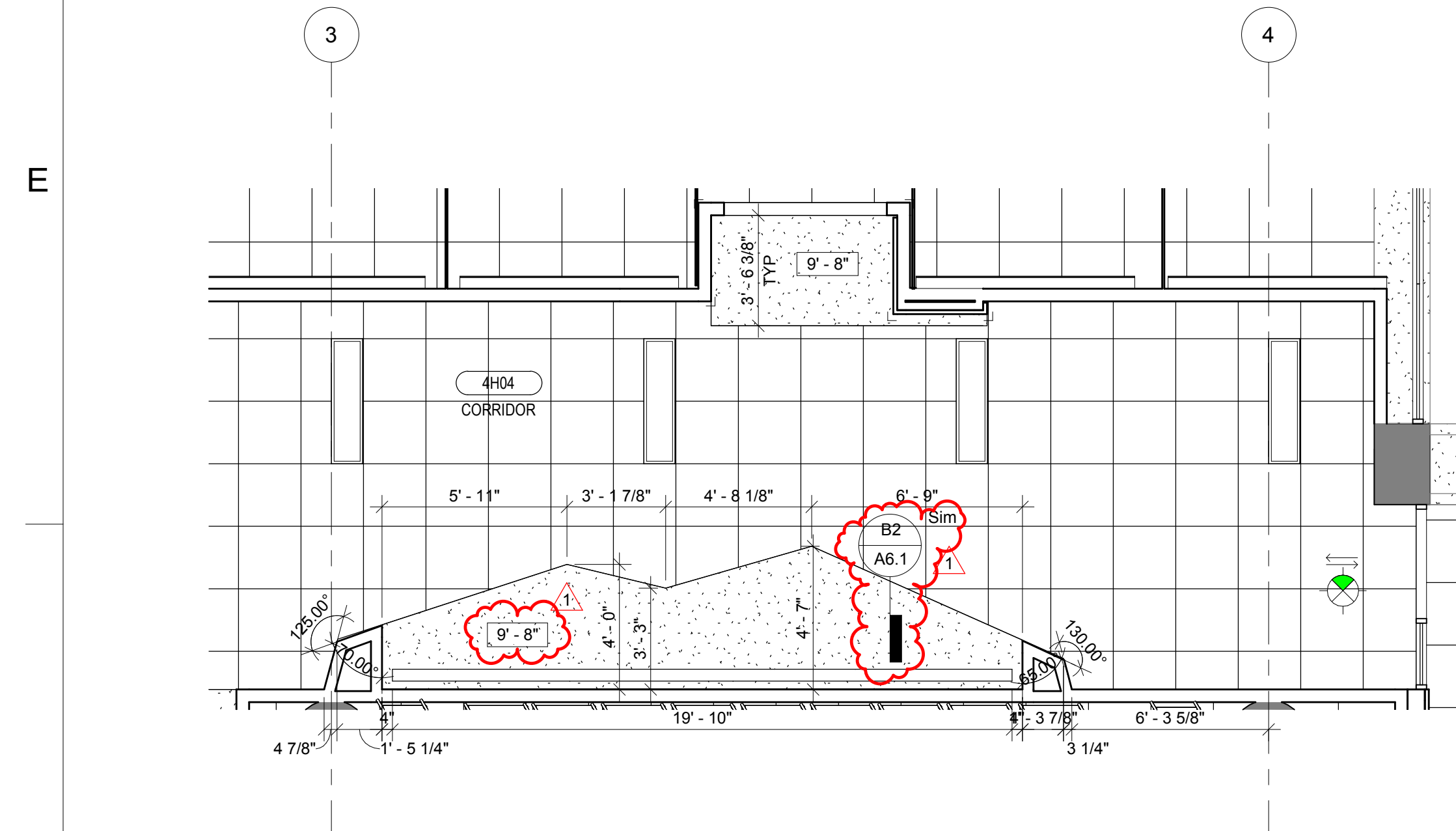
CYNTHIA D. WALSTON



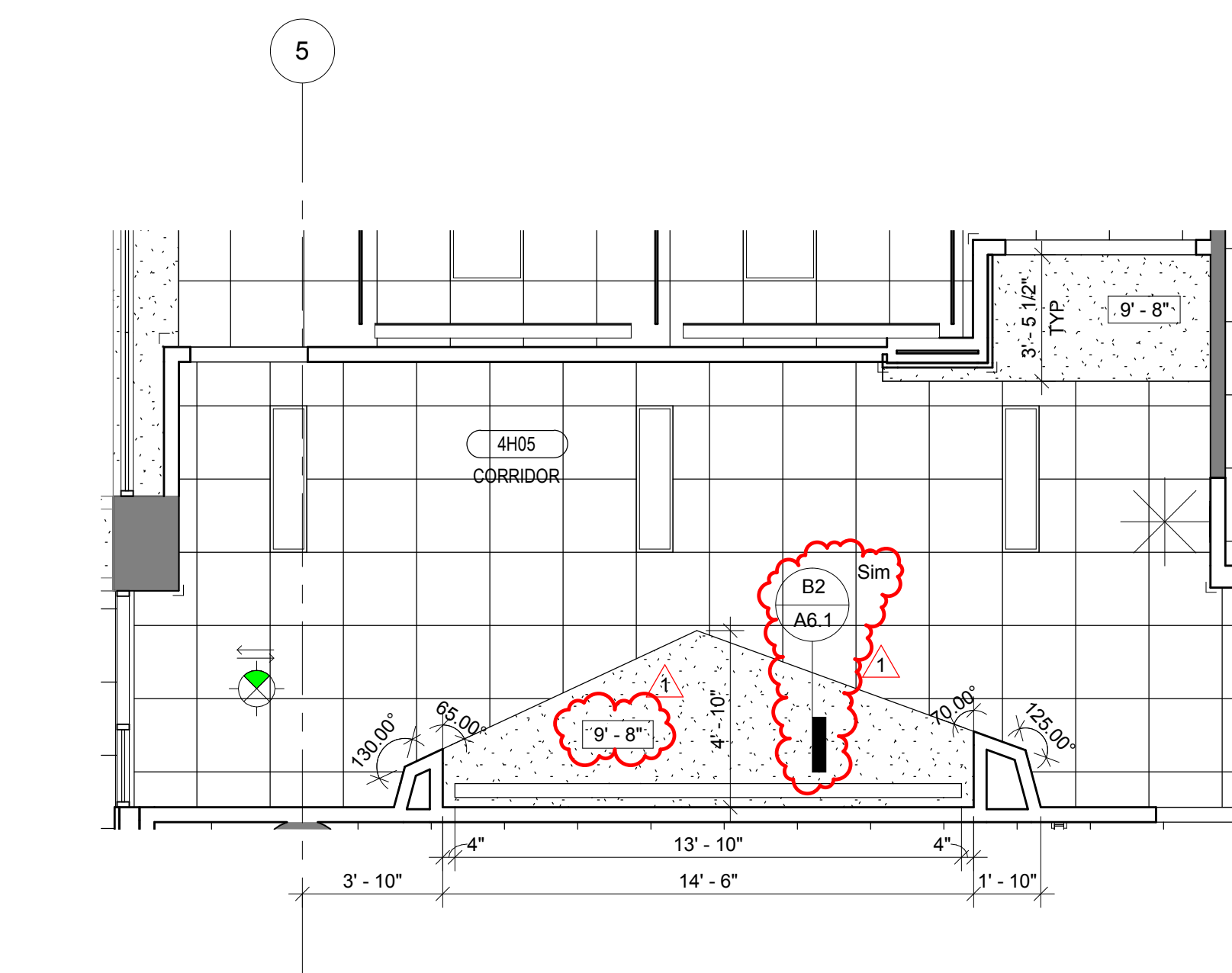
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REVISIONS

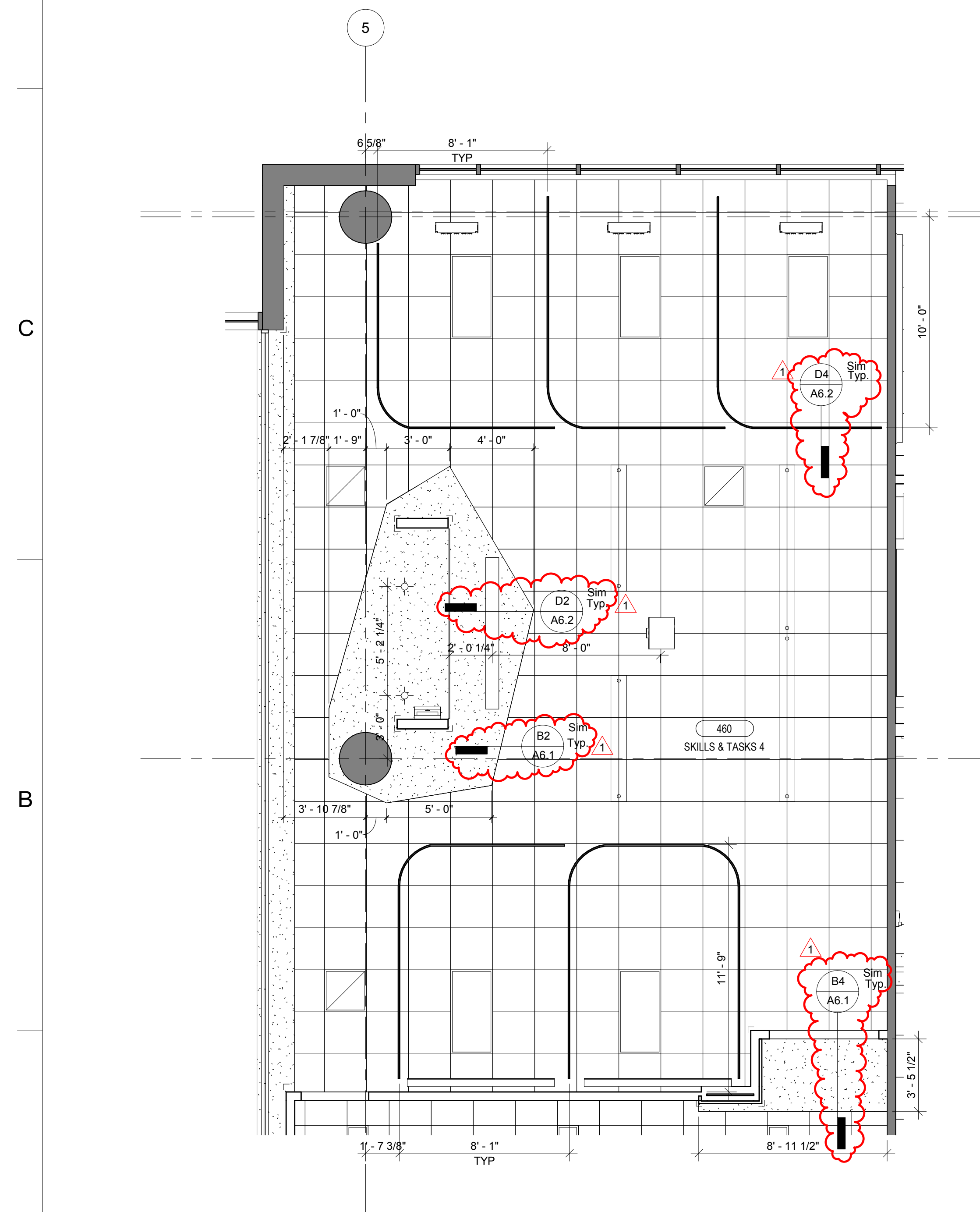
1 07/24/2018 ADDENDUM NO. 1



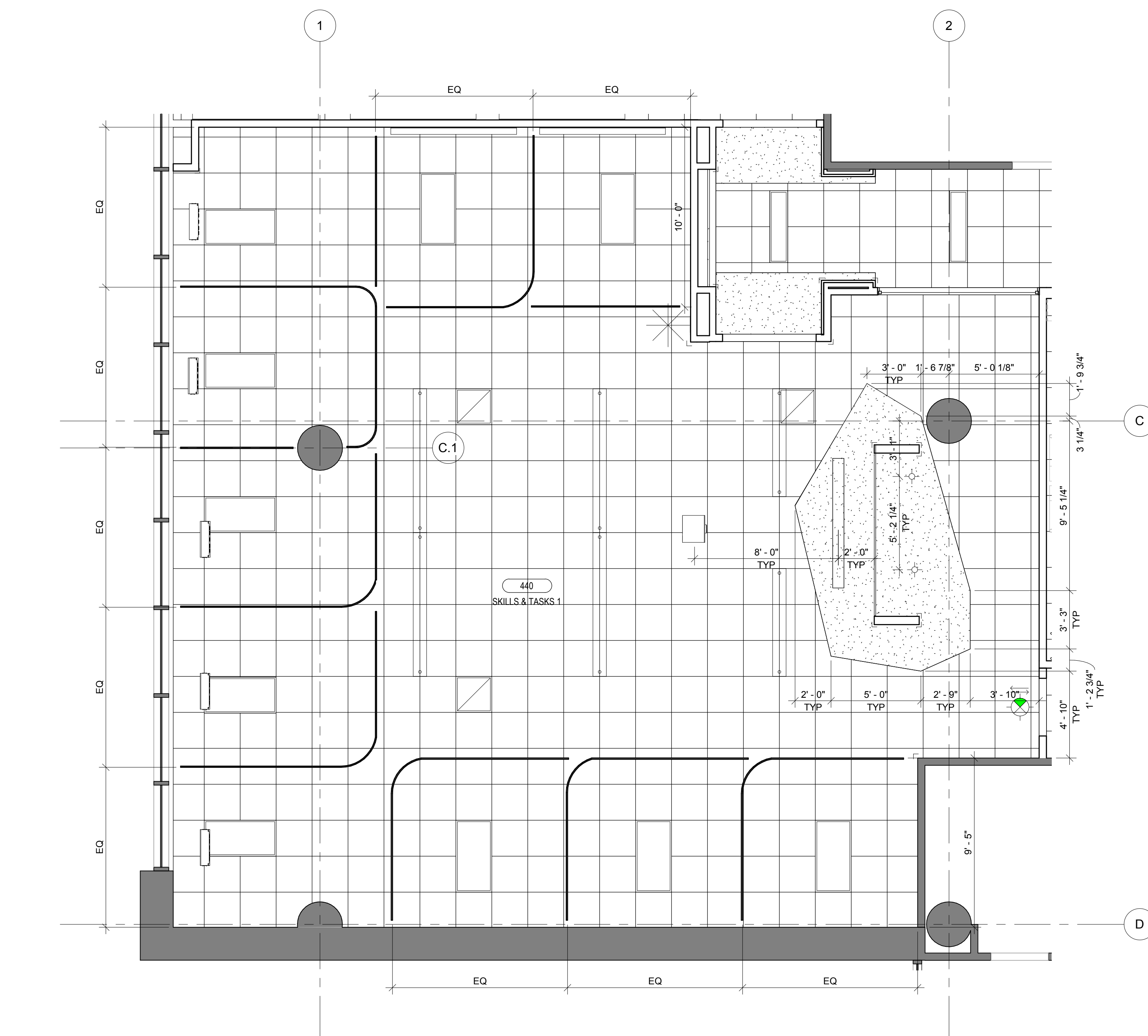
A6 CORRIDOR 4H04
1/4" = 1'-0"



A4 CORRIDOR 4H05
1/4" = 1'-0"



C6 SKILLS & TASKS 4
1/4" = 1'-0"



C4 SKILLS & TASKS 1
1/4" = 1'-0"

PROJECT NAME

UTHealth
Jane and Robert Cizik
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SIMULATION LAB

PROJECT NUMBER

045017.0000
CIP 1601

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DATE

07/02/2018

DRAWING TITLE

LEVEL 4 ENLARGED REFLECTED CEILING PLAN

DRAWING NUMBER

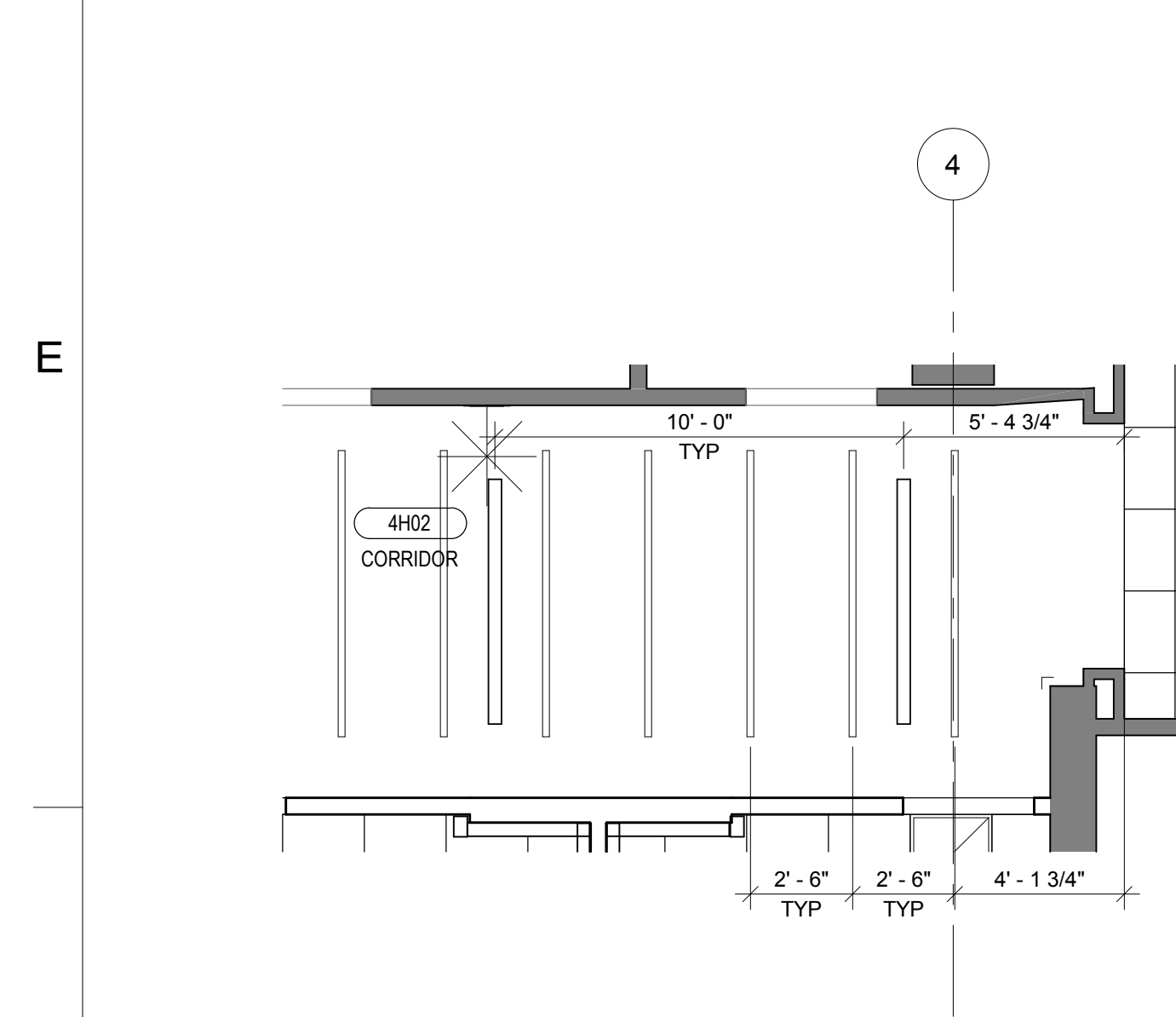
A4.1A

GENERAL NOTES TO REFLECTED CEILING PLANS

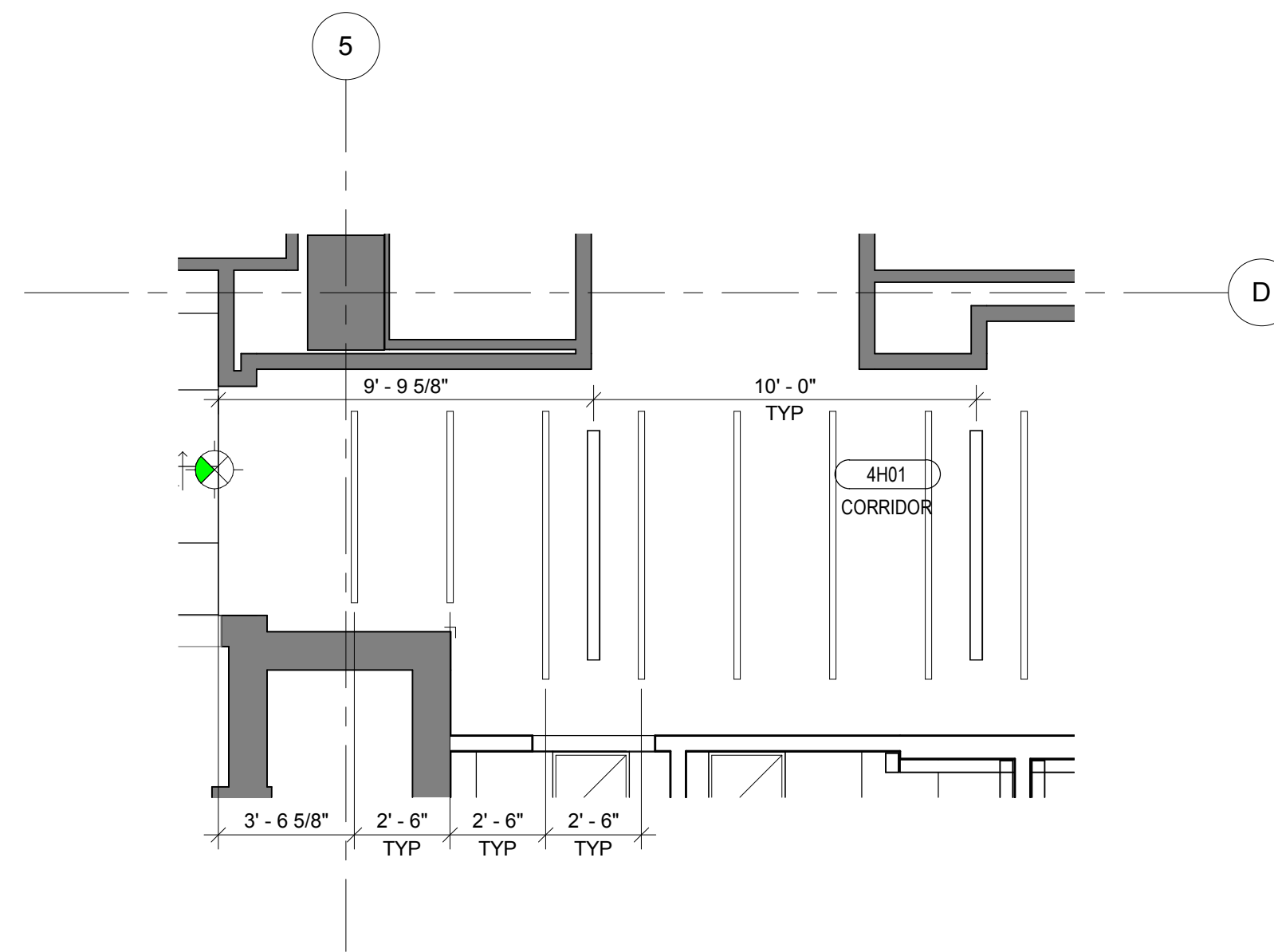
- A. REFER TO "FINISH SCHEDULE" FOR FURTHER DEFINITION OF CEILING MATERIALS AND FINISHES.
- B. CEILING HEIGHT WILL TYPICALLY BE (10'-0") UNLESS OTHERWISE NOTED ON THE REFLECTED CEILING PLAN.
- C. LOCATE ALL CEILING MOUNTED SMOKE DETECTORS AND SPEAKERS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS.
- D. LOCATE ALL SPRINKLER HEADS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS. AT GYPSUM BOARD CEILINGS, SYMMETRICALLY SPACE HEADS AND CENTER ON LIGHT ROWS WHERE AREA LIMITATIONS PERMIT.
- G. REFER TO MEP DOCUMENTS FOR LOCATIONS OF CEILING ACCESS PANELS. PUBLIC AREAS AND LOBBIES WITH DRYWALL OR PLASTER CEILINGS ARE TO USE CEILING ACCESS DOORS WITH A FINISH THAT MATCHES THE SURROUNDING MATERIAL PER DETAIL. UNLESS NOTED OR DETAILED OTHERWISE ACCESS PANELS IN TOILETS AND BACK OF HOUSE SPACES WITH DRYWALL OR PLASTER CEILINGS ARE TO BE PAINTED METAL. PLASTER OR DRYWALL CEILINGS WITH ACCESS PANELS IN "WET" AREAS SUCH AS TUBS, SHOWERS, CART WASH AND CENTRAL STERILE AREAS ARE TO BE STAINLESS STEEL.
- H. FOR TYPICAL DRYWALL FURRDOWN, SEE DETAILS B2-A6.1, B3/A6.1, AND B4/A6.
- I. 4"x4" MAIN RUNNER" CEILING GRID SYSTEM INCLUDED IN THE BUILDING "SHELL" CONSTRUCTION. PRE-STOCK ALL REMAINING 2X2' GRID COMPONENTS FOR FUTURE INSTALLATION DURING TENANT BUILD-OUT.
- J. REFER TO MEP DRAWINGS FOR SCOPE OF TEMPORARY CEILING REMOVAL. IN AREAS REQUIRING REMOVAL OF GYPSUM BOARD CEILINGS, REPAIR OPENINGS AND PAINT ENTIRE CEILING TO MATCH EXISTING COLOR. IN AREAS REQUIRING REMOVAL OF LAY-IN PANELS CEILINGS, REMOVE PANELS AND STORE FOR REINSTALLATION. REMOVE SECONDARY CEILING GRID MEMBERS AS REQUIRED. KEEP PRIMARY GRID MEMBERS IN PLACE IF POSSIBLE. IF REMOVAL IS REQUIRED, REMOVE TO EXISTING SPICE JOINT. WHERE REMOVAL OF EXISTING LIGHT FIXTURES IS REQUIRED, REMOVE TO LIMITS OF FLEXIBLE CONDUITS AND PLACE BACK IN ORIGINAL LOCATION UPON COMPLETION OF WORK.

- + 4" RECESSED CAN LIGHT
- ▬ 4" LINEAR PENDANT
- ▬ 6" LINEAR PENDANT
- ▬ 4" TWO LAMP PENDANT
- ▬ 6" TWO LAMP PENDANT
- ▬ 8" TWO LAMP PENDANT
- ▬ COVE STRIP LIGHT
- ▬ 1' X 4' LED STANDARD LIGHT
- ▬ 2' X 4' LED STANDARD LIGHT
- ▬ 5' ACOUSTICAL BAFFLE
- ▬ 7' ACOUSTICAL BAFFLE
- ▬ RECESSED LINEAR LIGHT
- ⊠ MECHANICAL GRILLS
- ▨ GYPSUM BOARD CEILING
- ▧ 2' X 2' SUSPENDED ACOUSTICAL TILE

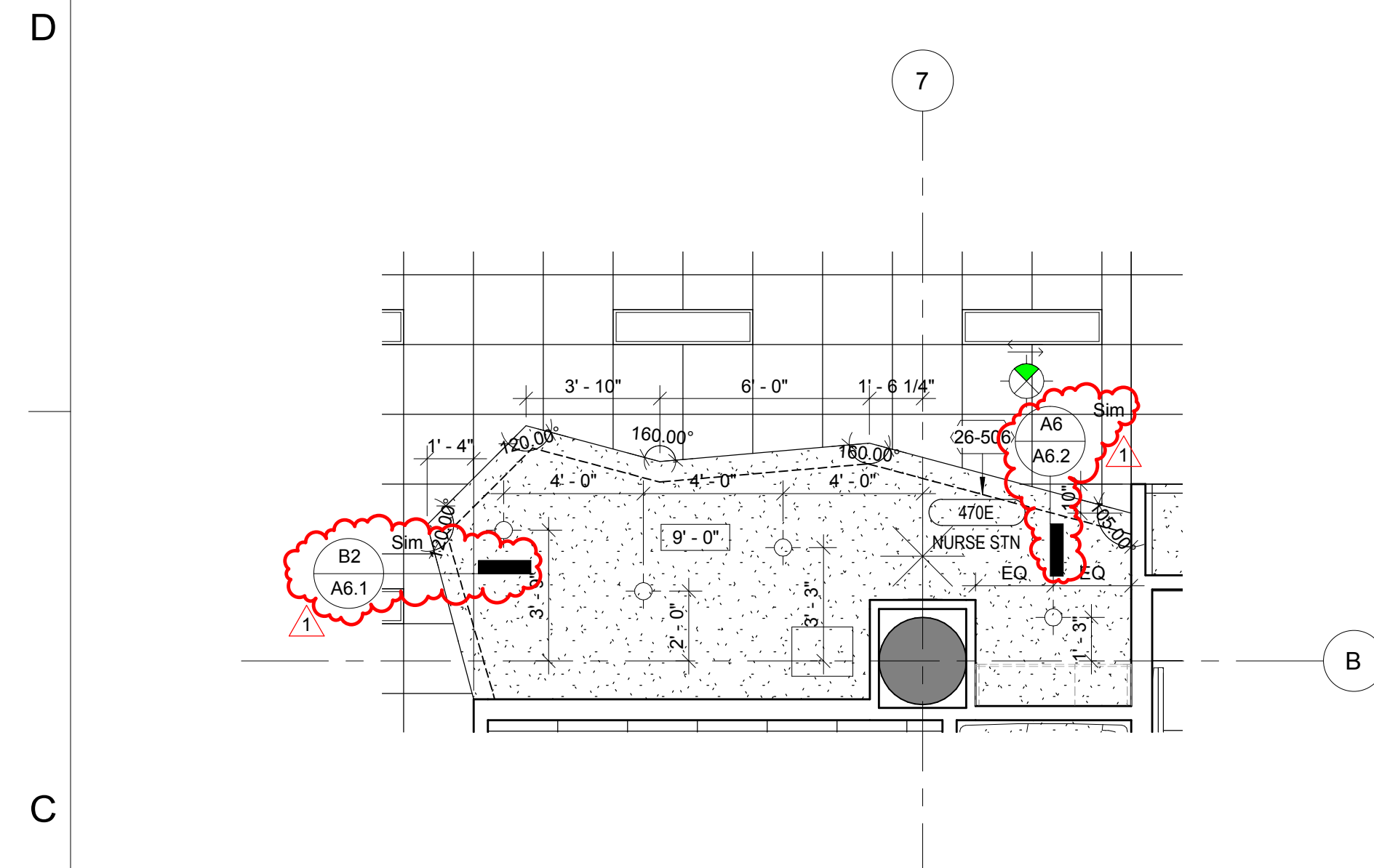
RCP LEGEND
1/8" = 1'-0"



D6 CORRIDOR 4H02
1/4" = 1'-0"



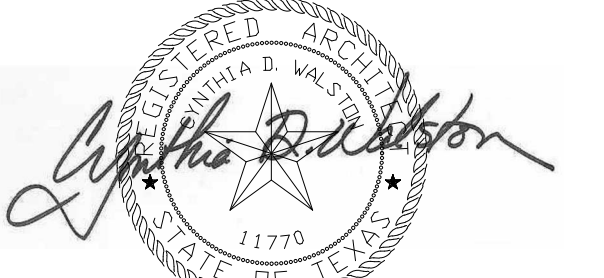
D5 CORRIDOR 4H01
1/4" = 1'-0"



C6 NURSE STN 470E
1/4" = 1'-0"

ARCHITECT OF RECORD

CYNTHIA D. WALSTON



DATE: 07/02/2018

REVISIONS

1 07/24/2018 ADDENDUM NO. 1

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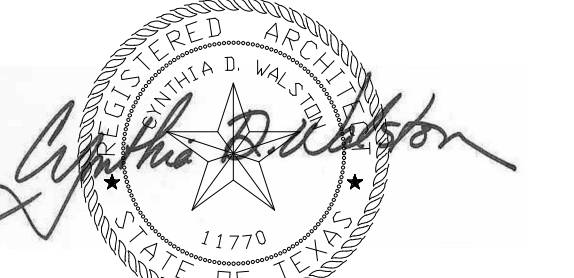
LEVEL 4
ENLARGED
REFLECTED
CEILING PLAN

DRAWING NUMBER

A4.1B

ARCHITECT OF RECORD

CYNTHIA D. WALSTON

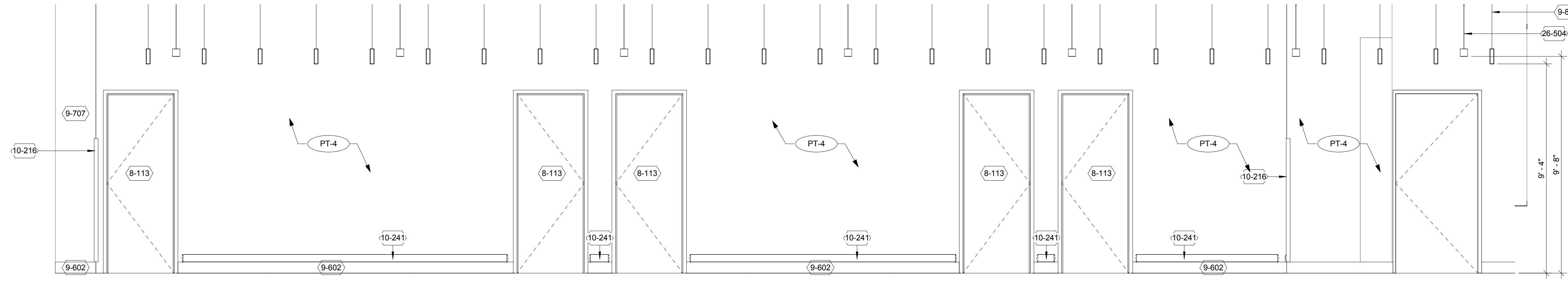


DATE: 07/02/2018

REVISIONS

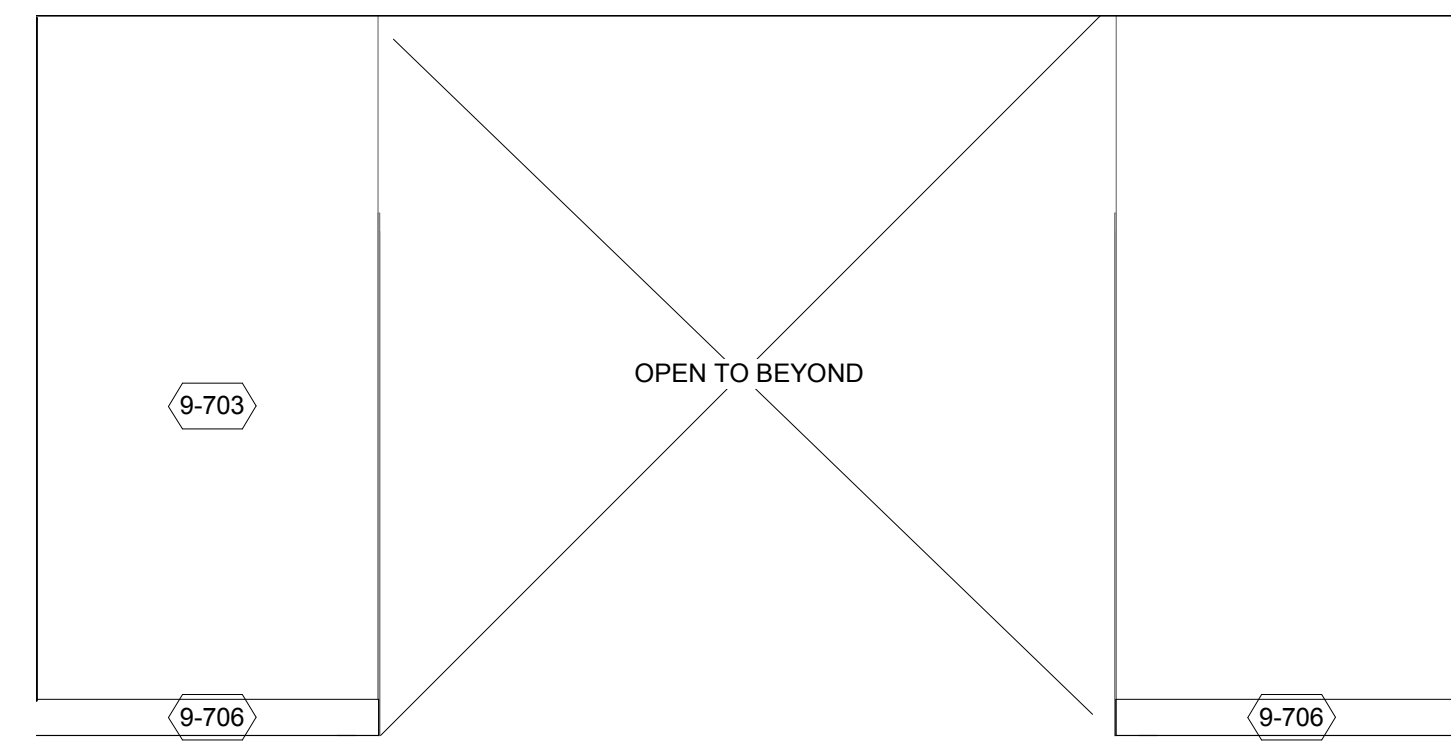
1 07/24/2018 ADDENDUM NO. 1

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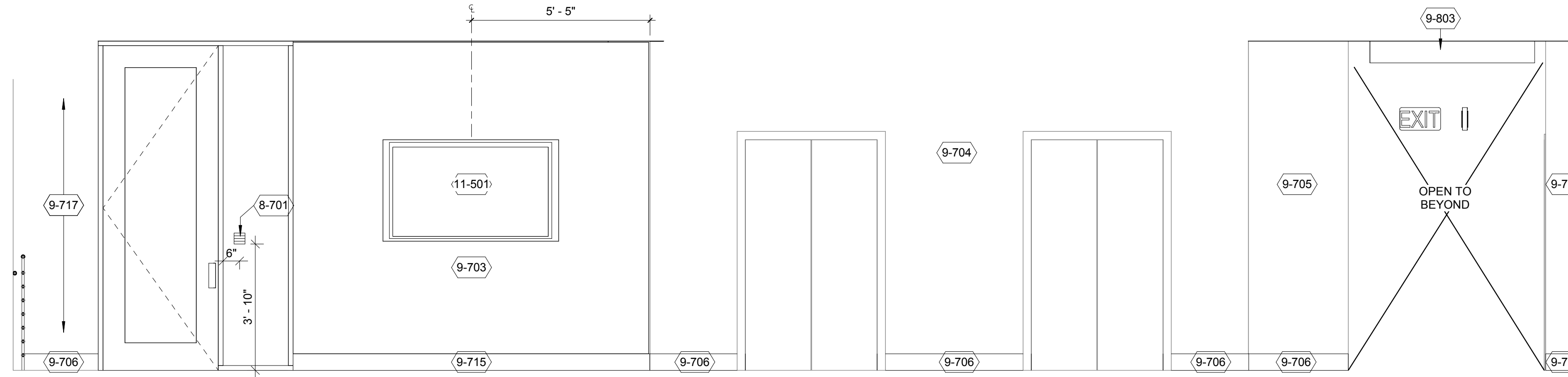


E6 4H02 - N2 CORRIDOR - W
3/8" = 1'-0"

D

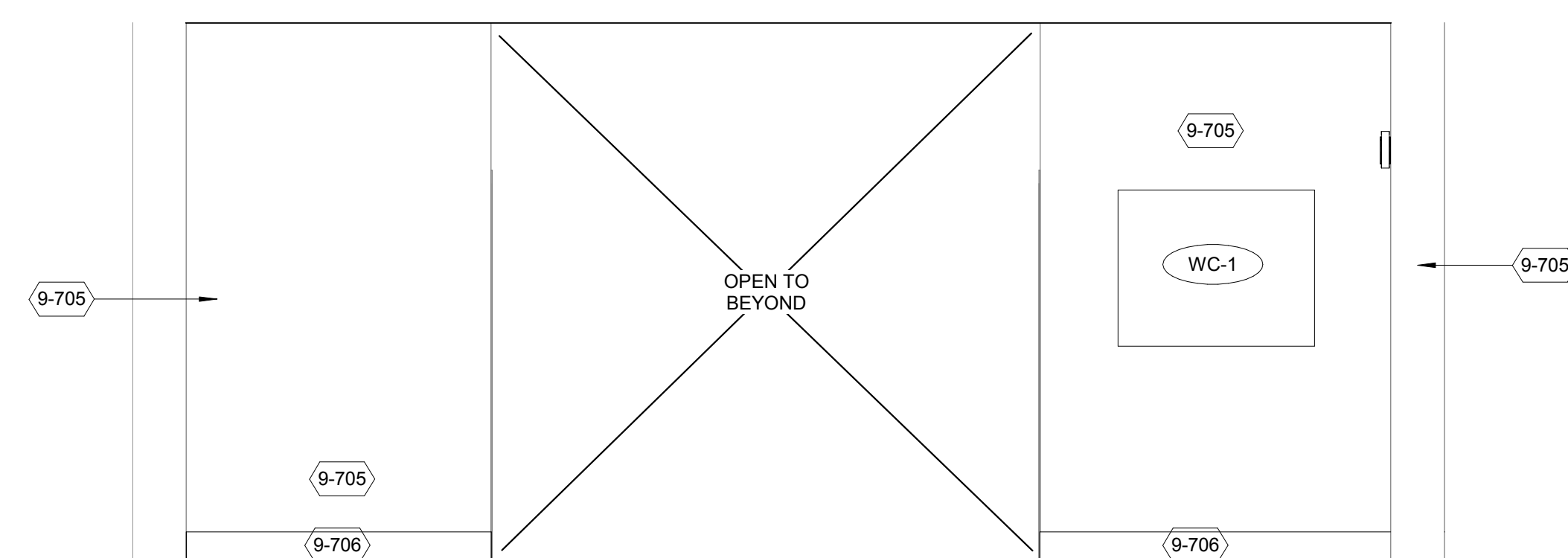


D6 4H00 - LOBBY - W
3/8" = 1'-0"

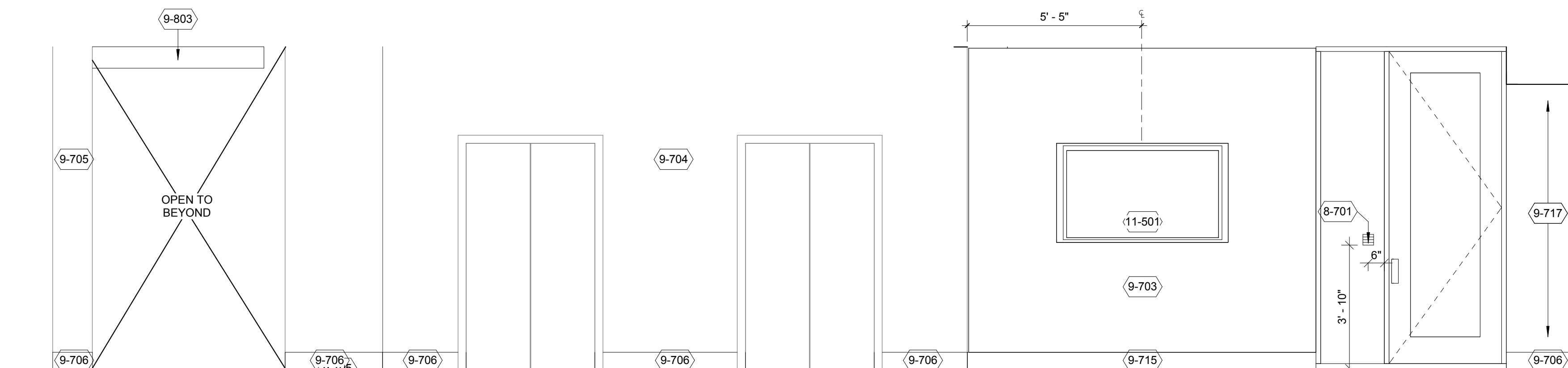


D5 4H00 - LOBBY - S
3/8" = 1'-0"

C

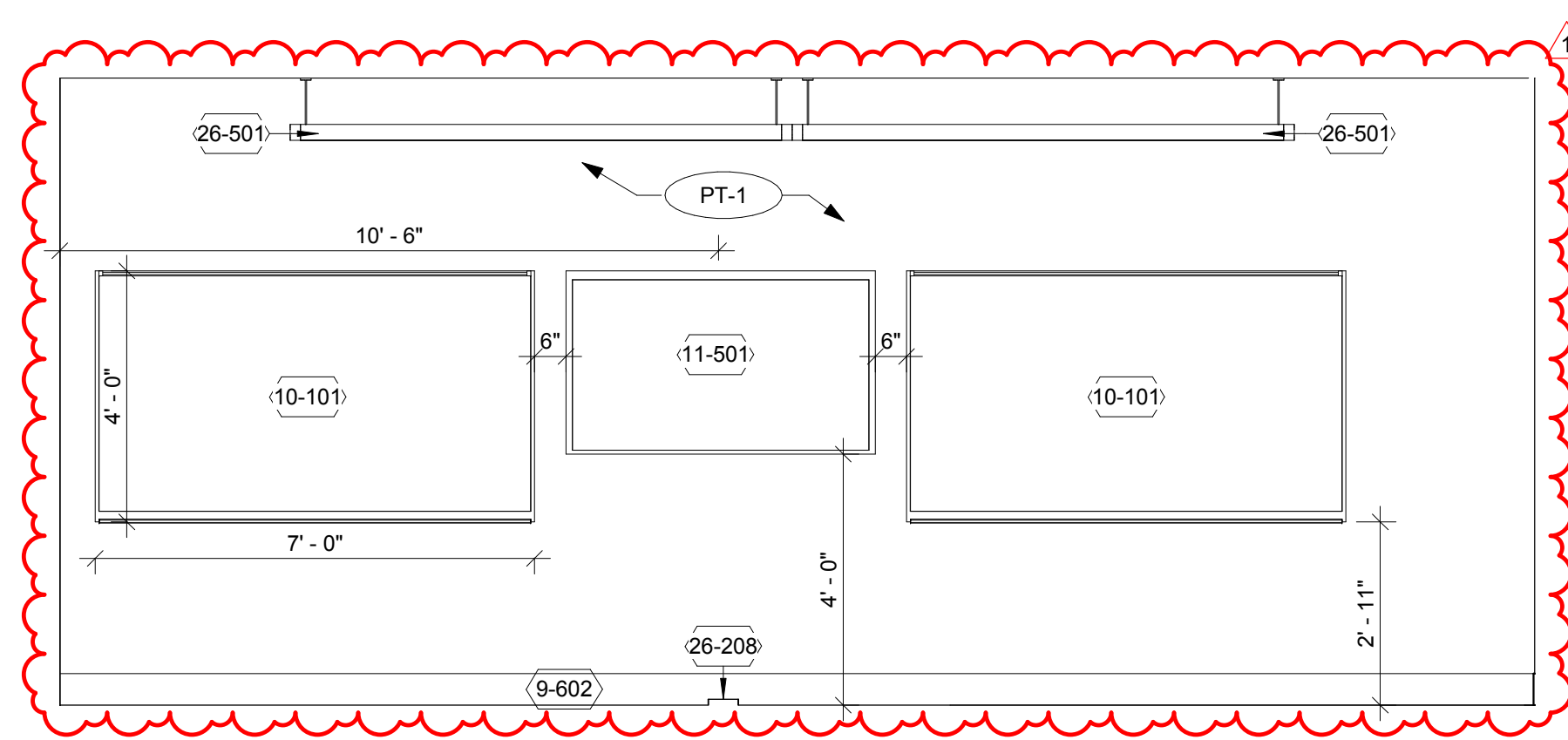


C6 4H00 - LOBBY - E
3/8" = 1'-0"



C4 4H00 - LOBBY - N
3/8" = 1'-0"

B



B6 475 - DEBRIEF 4 - N
3/8" = 1'-0"

A

NOTES TO SHEET

- 8-113 EXISTING DOOR AND FRAME TO BE SALVAGED AND RELOCATED
- 8-701 CARD READER. COORDINATE WITH SECURITY.
- 9-602 RUBBER COVERED BASE, 6" HEIGHT.
- 9-703 3FORM PROFILE MDF PANELS.
- 9-704 EXISTING PANELS TO REMAIN. ADD ALT 1: BACK-PAINTED GLASS PANELS SIMILAR TO LEVEL 1.
- 9-705 EXISTING PANELS & REVEALS TO REMAIN.
- 9-706 EXISTING STONE BASE TO REMAIN.
- 9-707 EXISTING WALL PANELS.
- 9-715 NEW STONE BASE TO MATCH EXISTING
- 9-716 1/2" STAINLESS STEEL METAL TRIM
- 9-717 MATCH EXISTING PAINT
- 9-803 ACOUSTICAL BAFFLE, 7' LENGTH, CEILING ATTACHED.
- 10-101 MARKERBOARD GLASS.
- 10-216 BUMPER RAIL
- 10-241 BUMPER RAIL
- 11-501 FULL SCREEN DISPLAY WALL MOUNTED. PROVIDE WALL BLOCKING
- 26-208 ELECTRICAL FLOORBOX
- 26-601 LIGHTING. REFER TO ARCH REFLECTED CEILING PLAN AND ELECTRICAL
- 26-504 DECORATIVE PENDANT LIGHT FIXTURE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELECTRICAL

1. NO FINISH ON EXISTING EXPOSED CONCRETE COLUMNS, TYP.
2. STAINLESS STEEL CORNER GUARD AT ALL EXPOSED CORNERS
3. CRASH RAIL AND BUMPER RAIL TO BE LOCATED ON ALL STANDARDIZED PATIENT ROOM, SKILLS & TASKS ROOM AND PATIENT FLEX ROOM WALLS
4. .040" RIGID SHEET GOOD TO BE PLACED ON ALL WALLS OF STORAGE ROOMS
5. ALL PAINT TO HAVE EGGHELL FINISH UNLESS NOTED OTHERWISE
6. ALL FLOOR MATERIAL CHANGES ARE TO OCCUR AT THE CENTERLINE OF THE CLOSED DOOR. AT TRANSITIONS WHERE THERE IS NO DOOR, INSTALL AS INDICATED ON THE FLOOR PLAN
7. ALL CARPET AND RUBBER TILE TO BE DIRECT GLUE, UNLESS NOTED OTHERWISE
8. SLIM PROFILE RUBBER TRANSITION STRIPS, UNLESS NOTED OTHERWISE
9. ALL HOLLOW METAL DOOR FRAMES PAINT PT-9, UNLESS NOTED OTHERWISE
10. REFER TO FLOOR PATTERN PLAN FOR 'VARIES' FOR FINISH APPLICATION INFORMATION
11. ALL PAINTED FINISHES TO TERMINATE AT INSIDE CORNER, UNLESS NOTED OTHERWISE
12. ALL EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
13. ALL HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
14. EXISTING TO REMAIN DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
15. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING

GENERAL NOTES TO FINISHES
N.T.S.

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DRAWING TITLE

INTERIOR ELEVATIONS

DRAWING NUMBER

A5.1

6

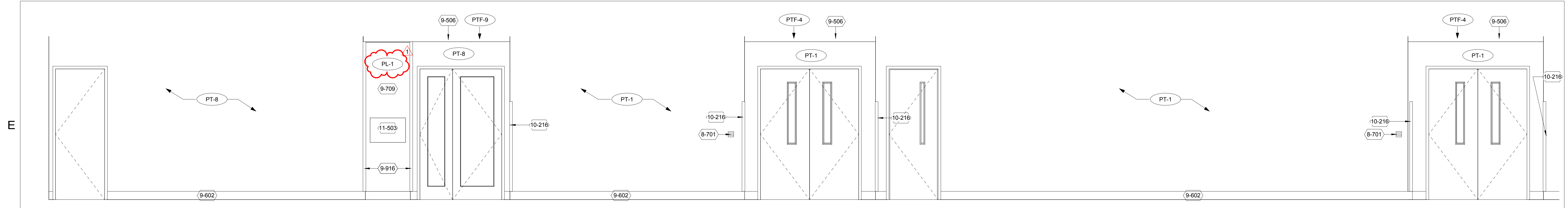
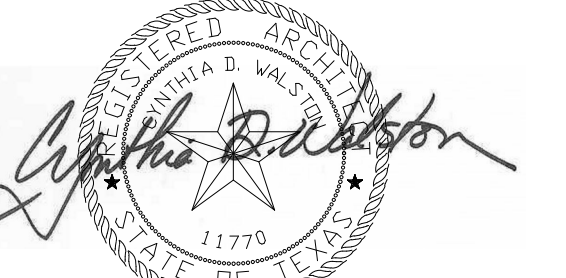
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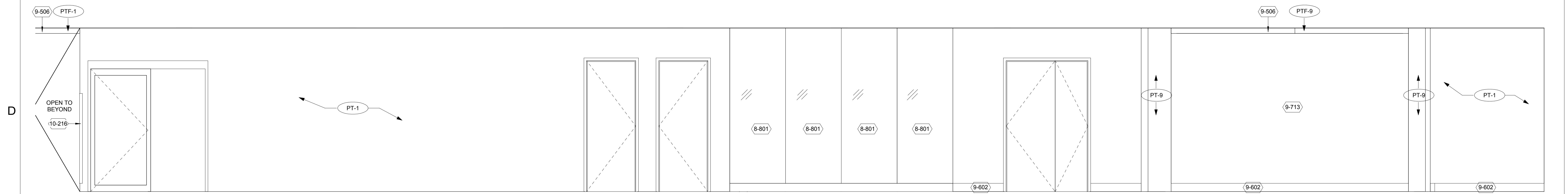
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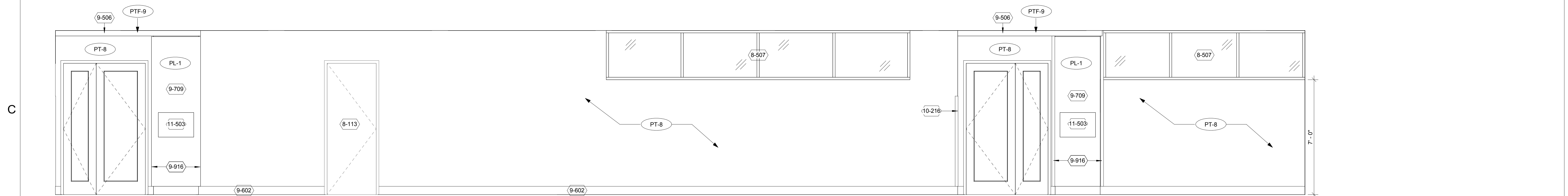
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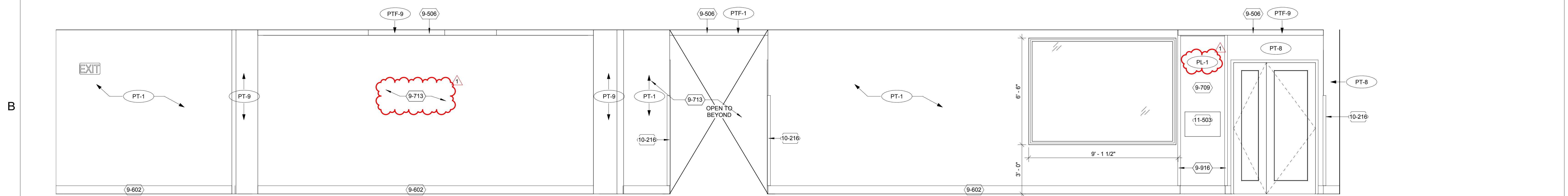
E6 4H05 - S CORRIDOR - E
3/8" = 1'-0"



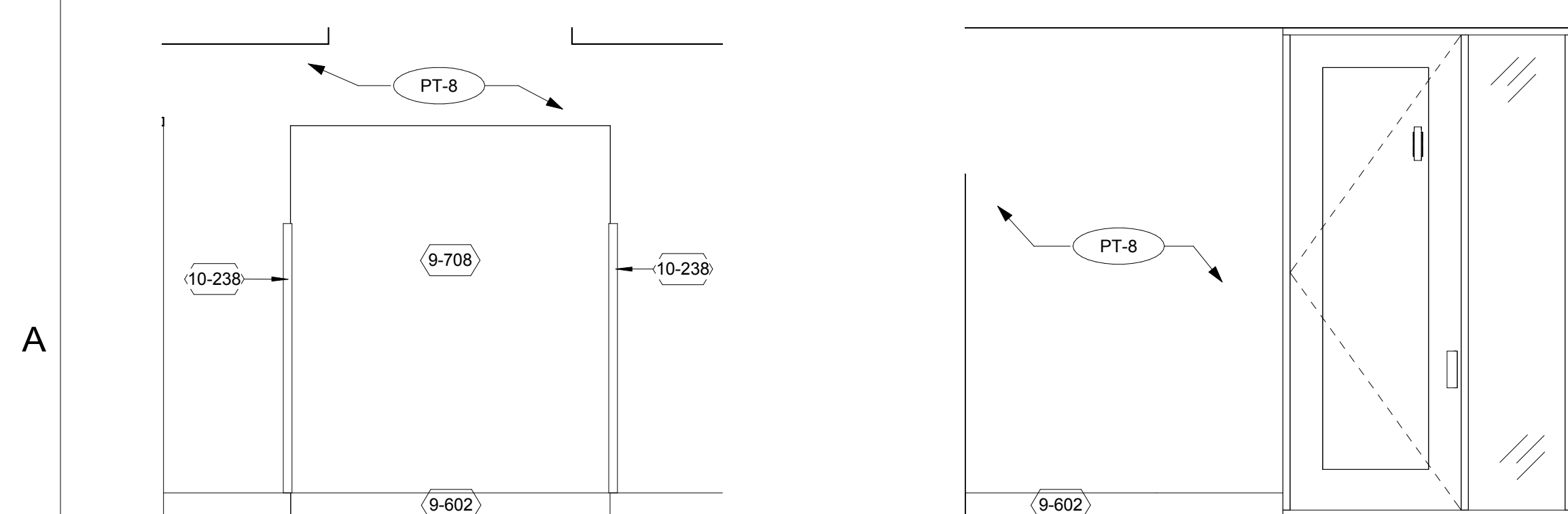
D6 4H05 - S CORRIDOR - W
3/8" = 1'-0"



C6 4H04 - N CORRIDOR - E
3/8" = 1'-0"

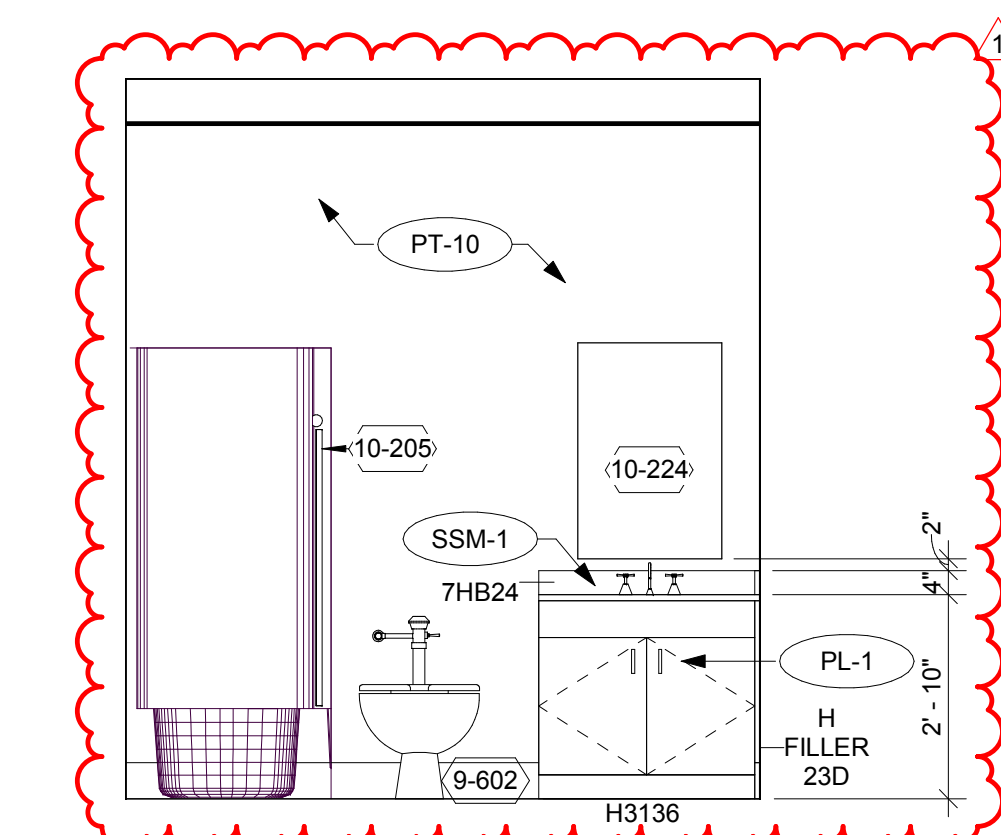


B6 4H04 - N CORRIDOR - W
3/8" = 1'-0"



A6 4H04 - N CORRIDOR - N
3/8" = 1'-0"

A5 4H04 - N CORRIDOR - S
3/8" = 1'-0"

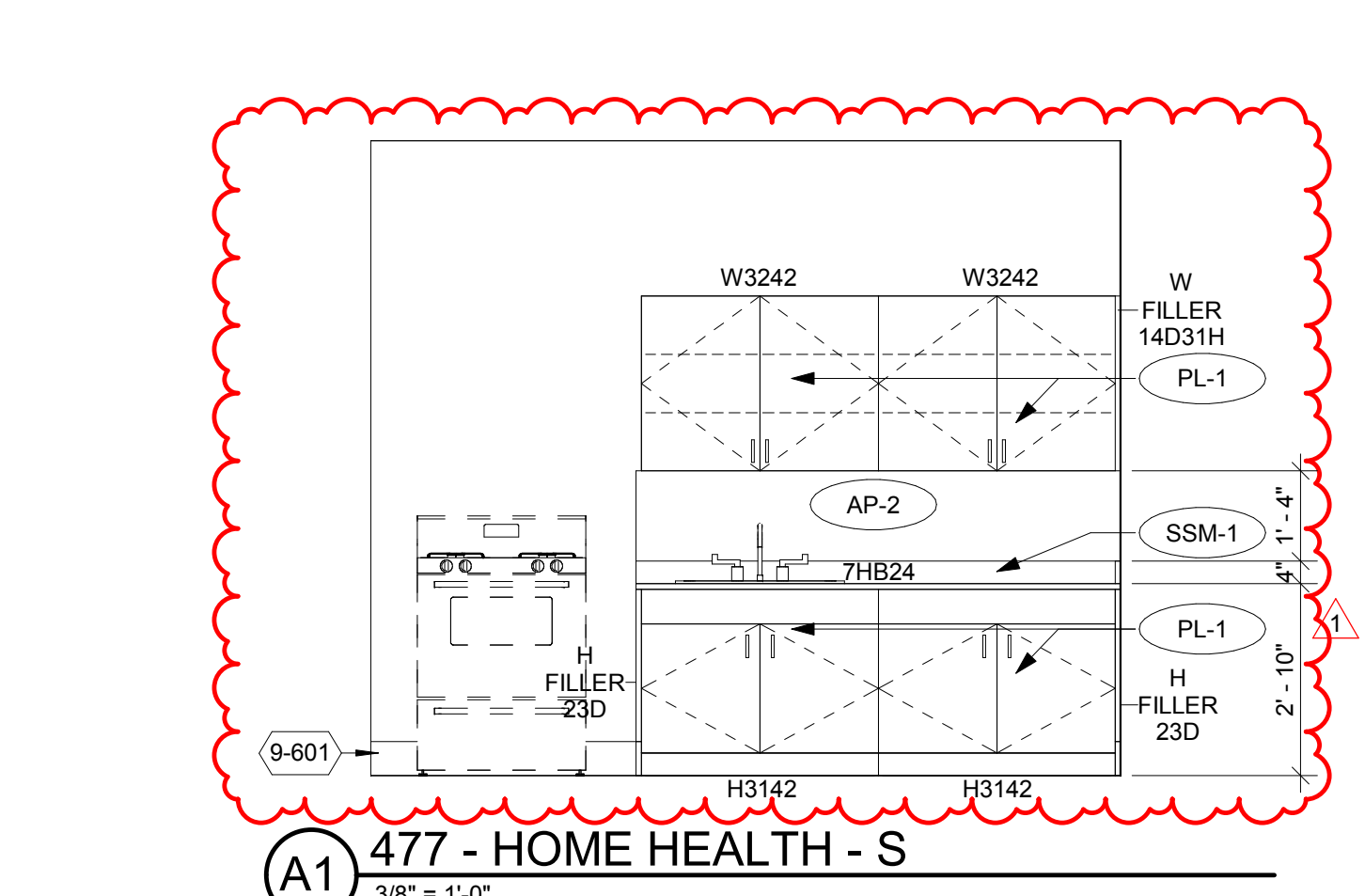
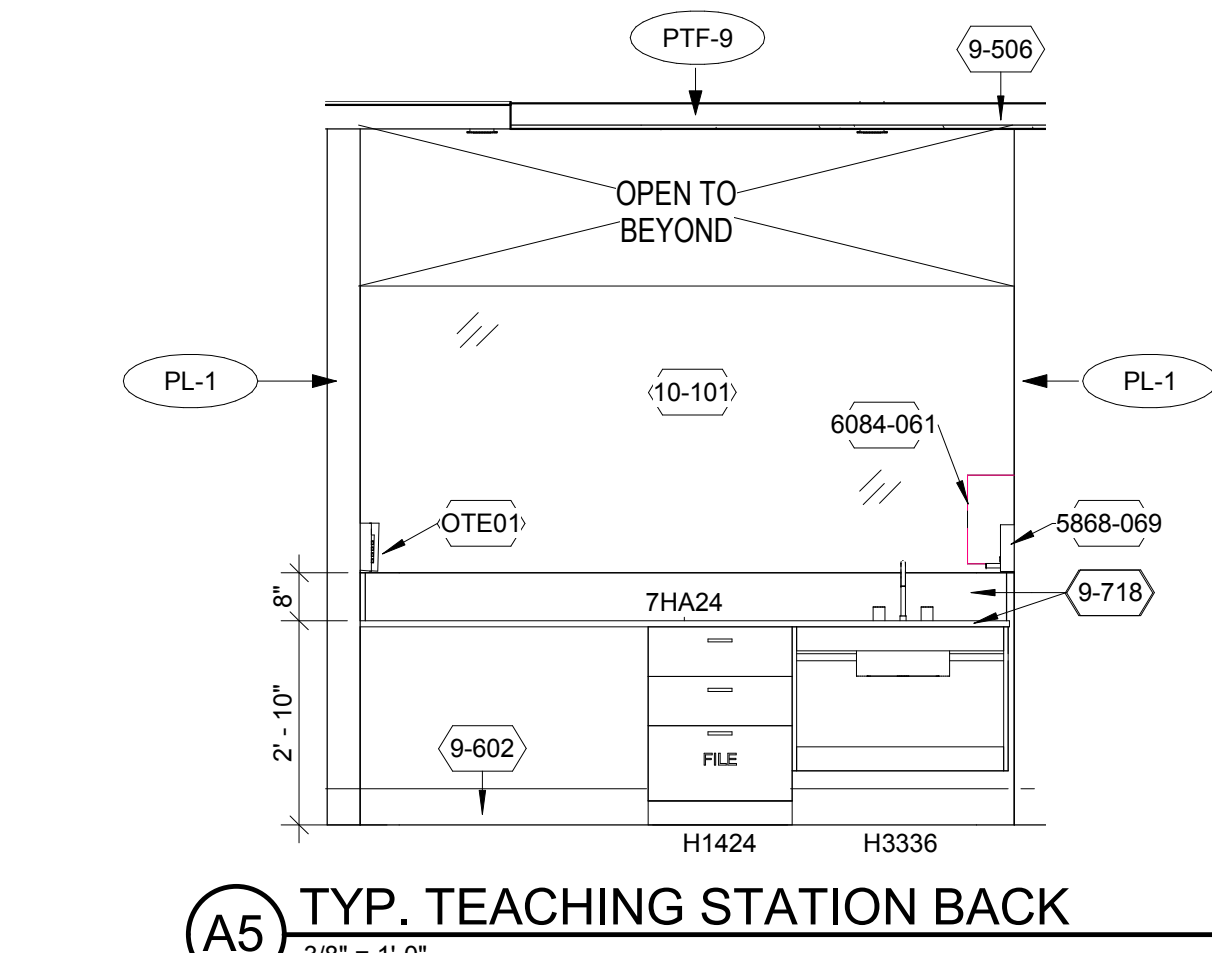
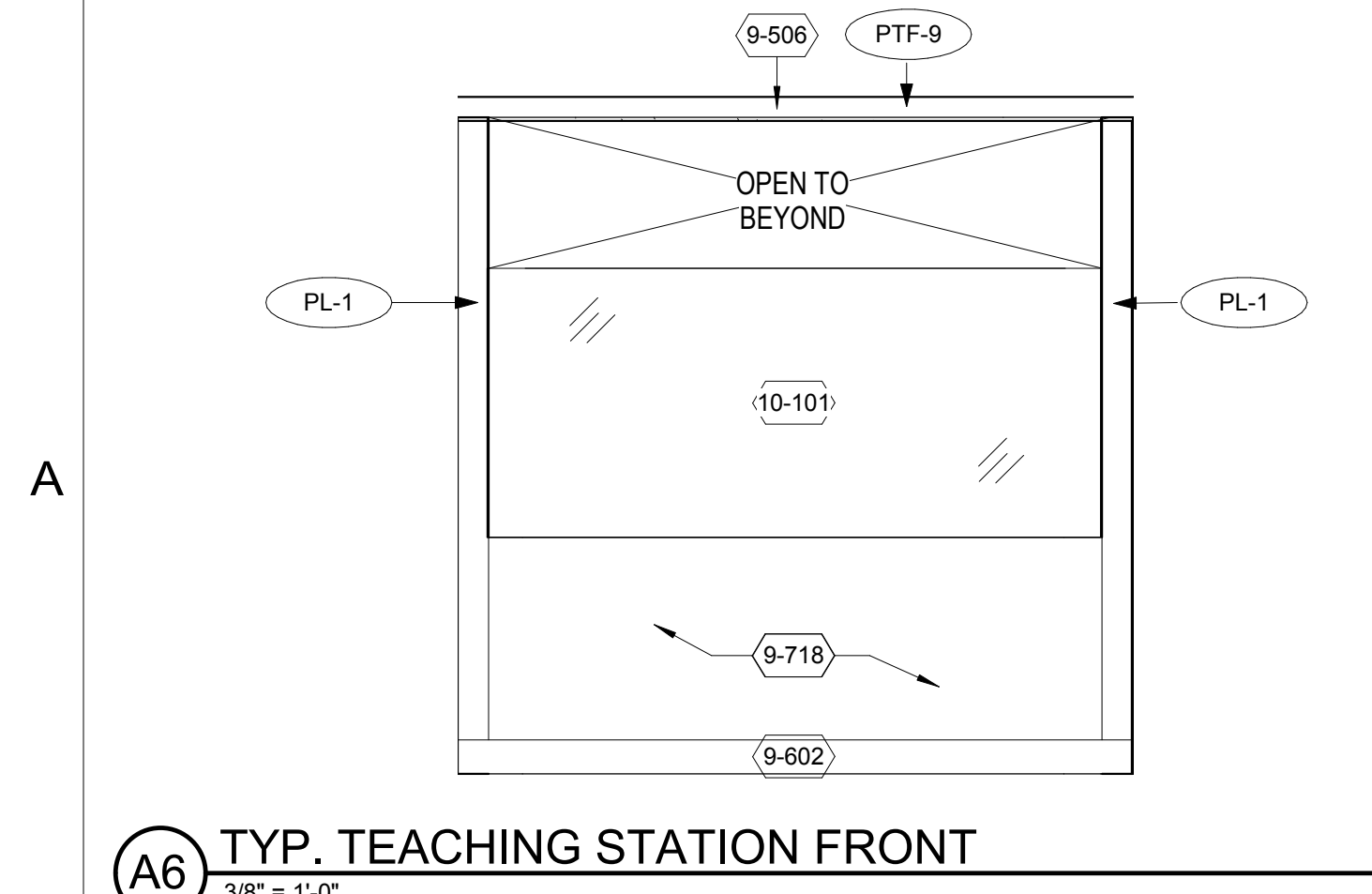
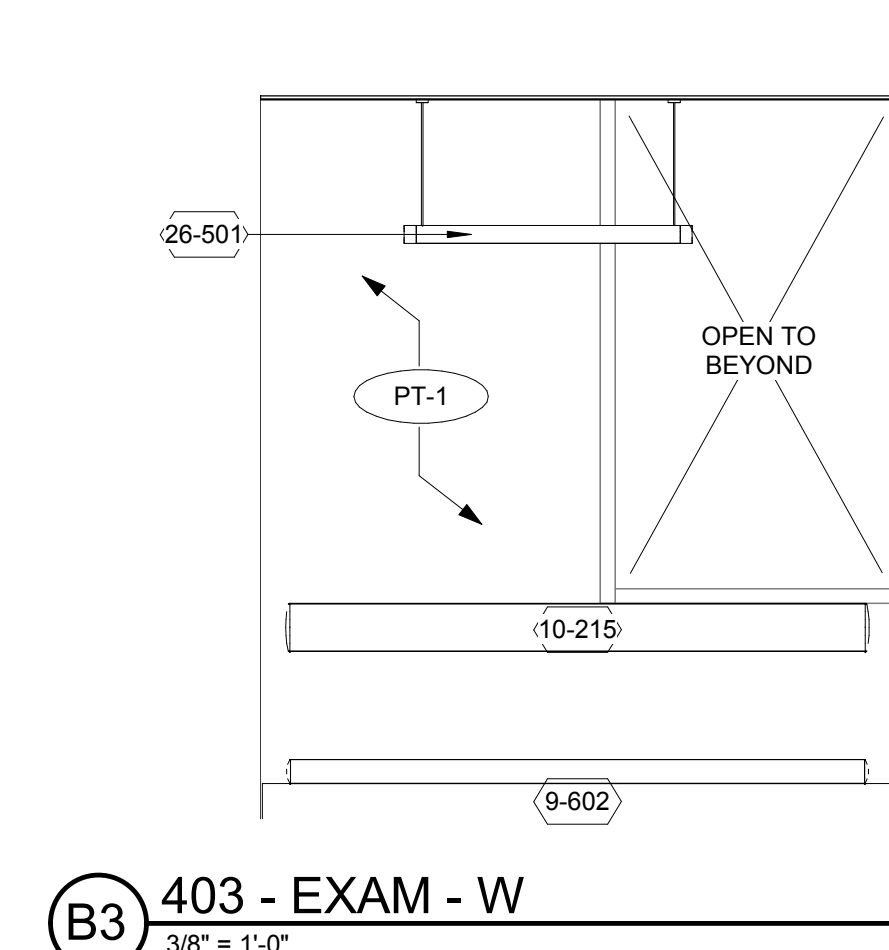
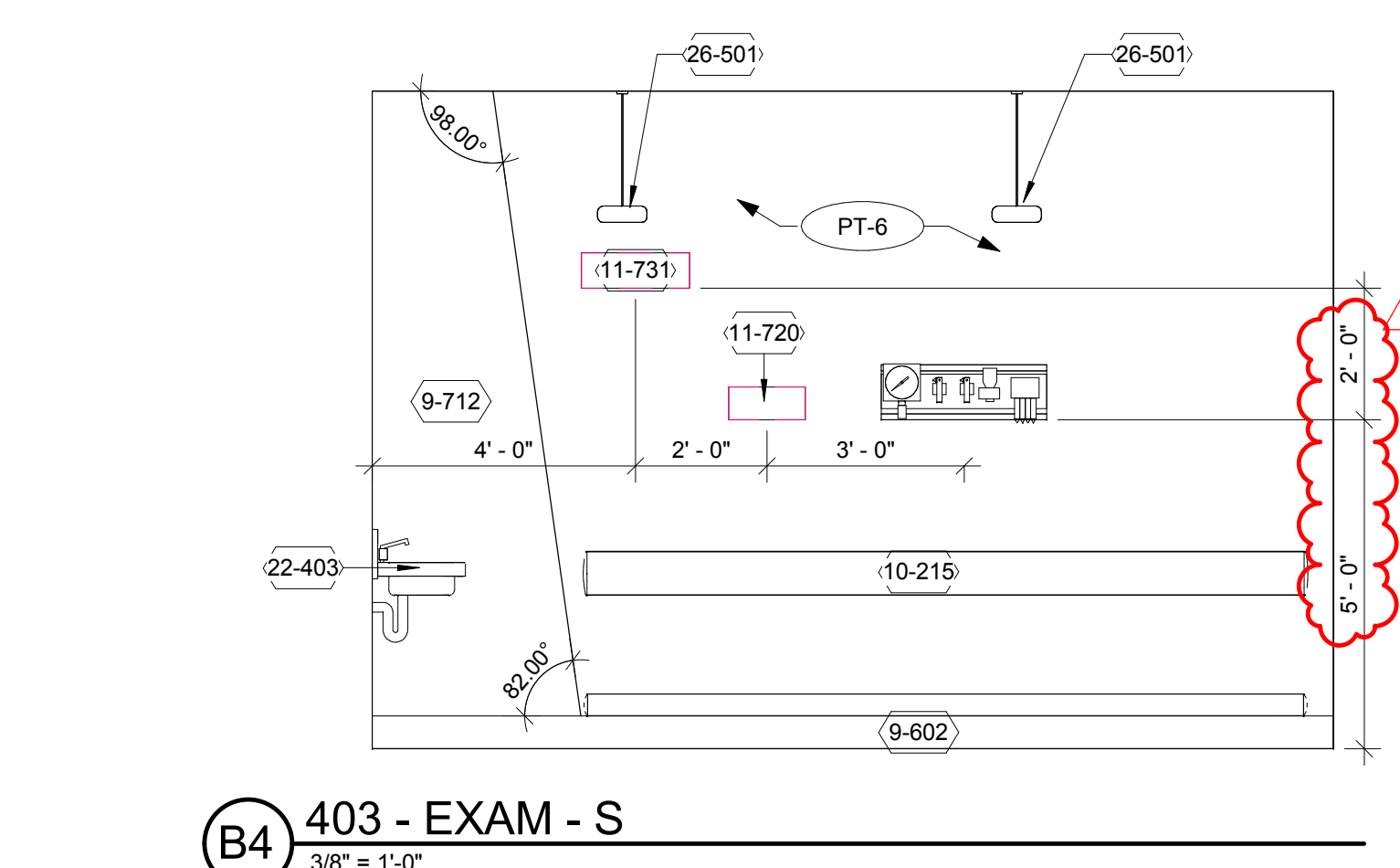
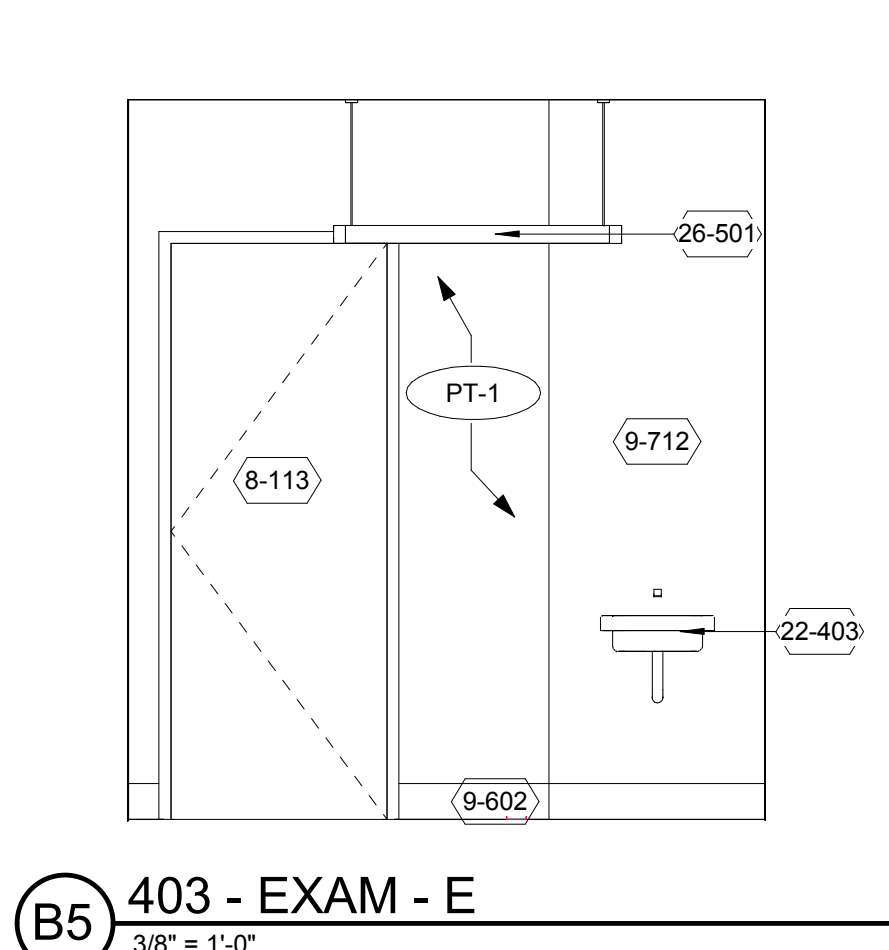
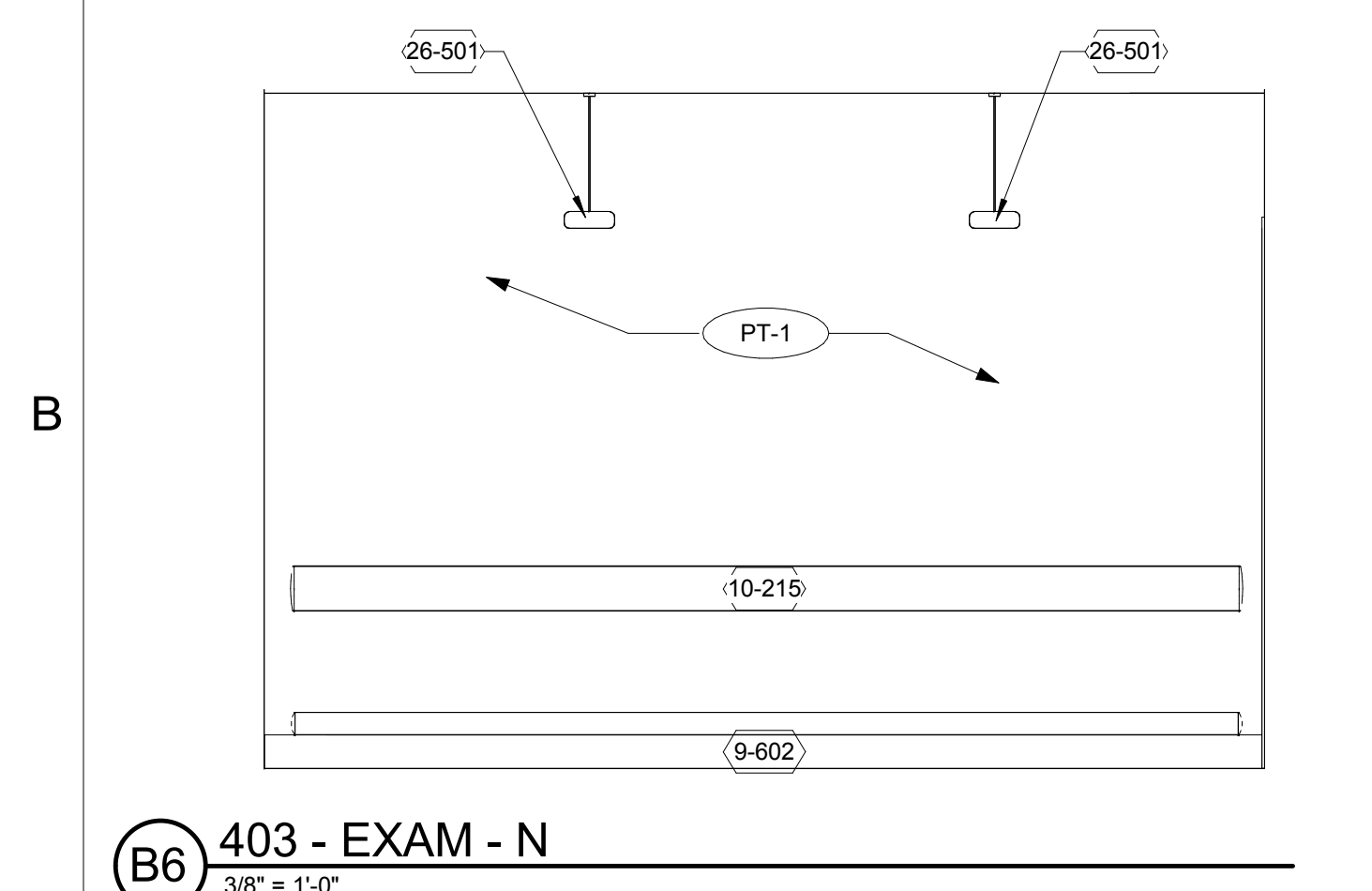
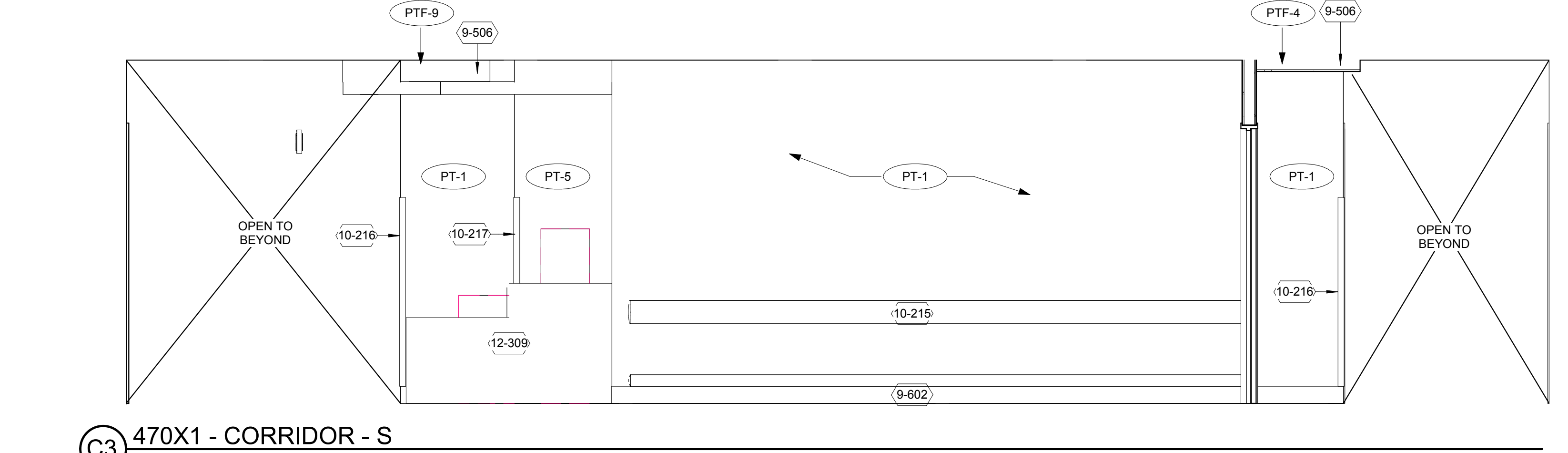
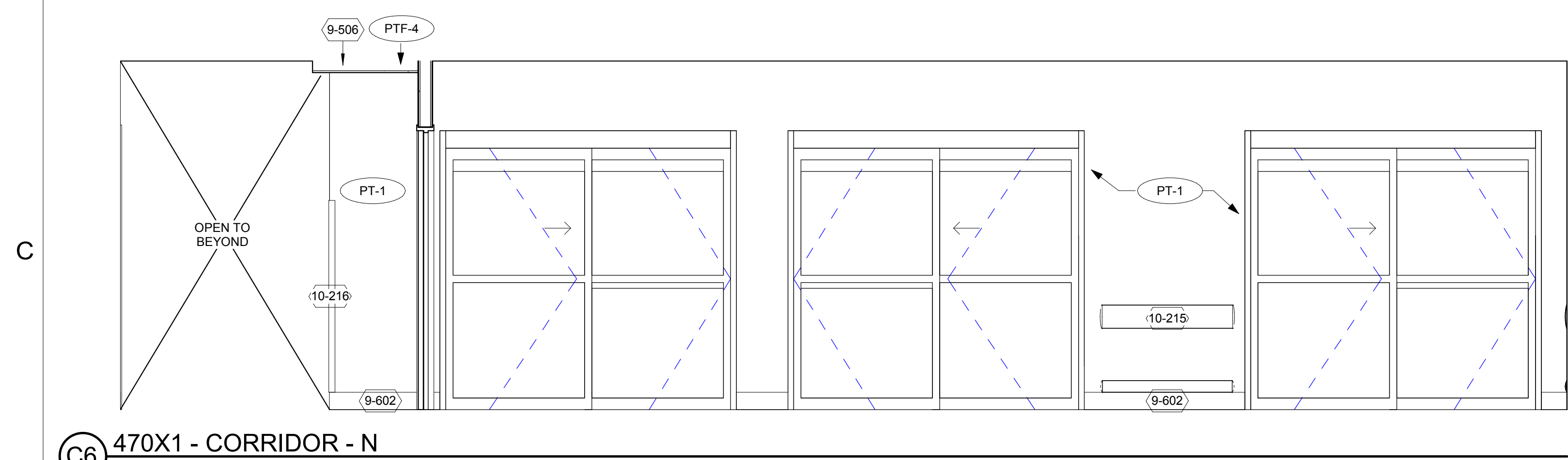
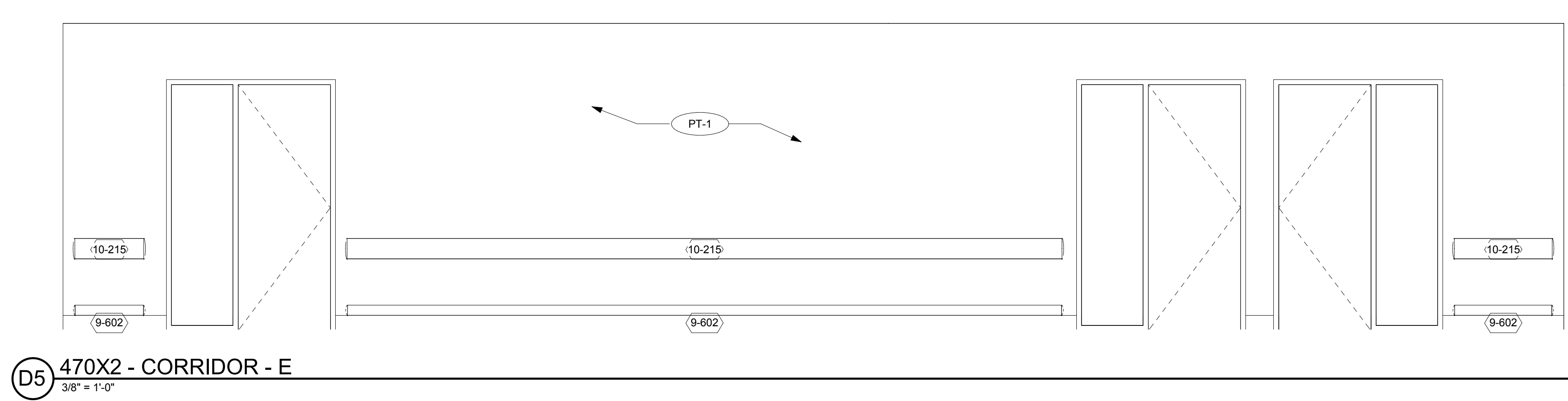
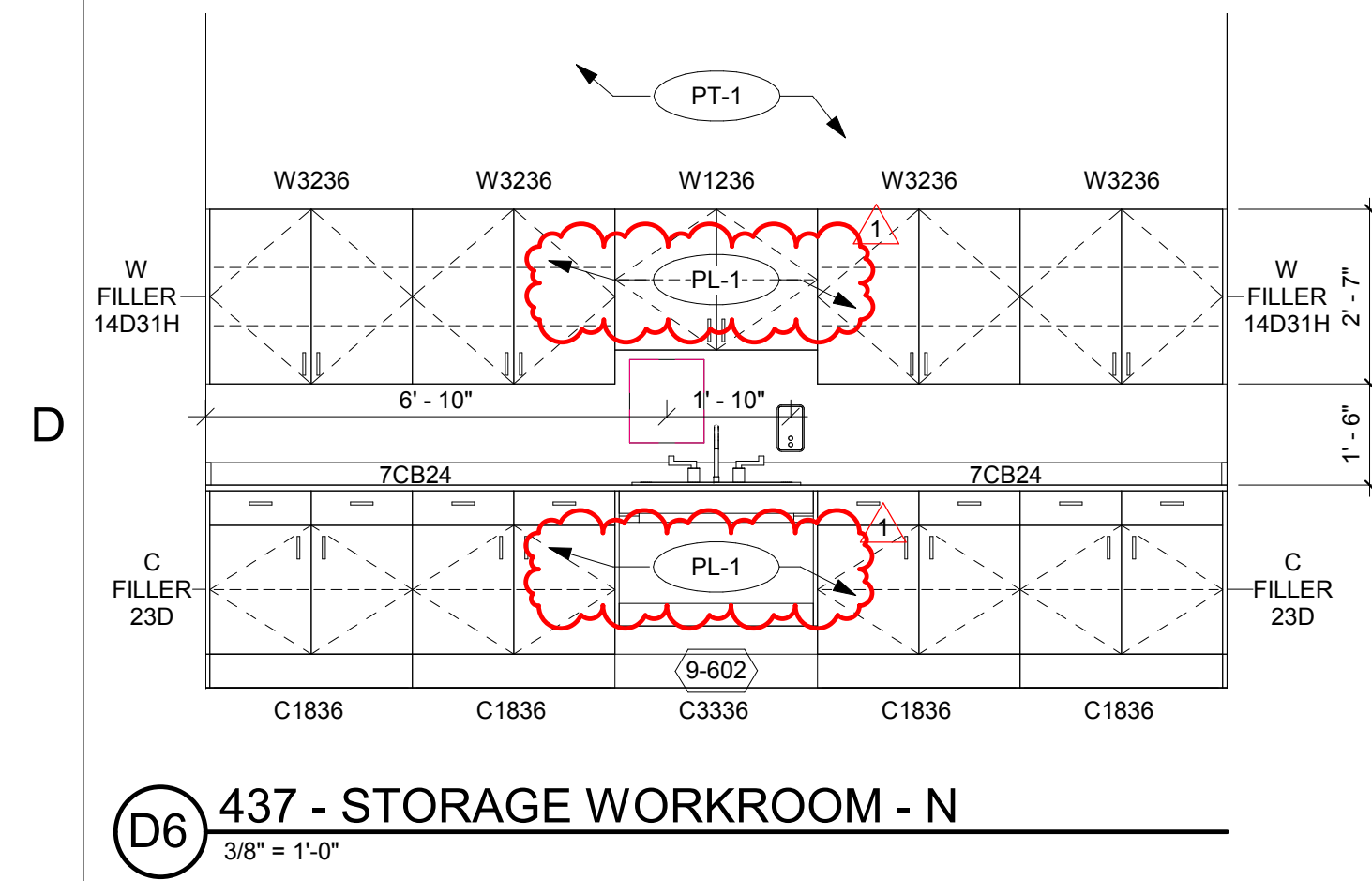
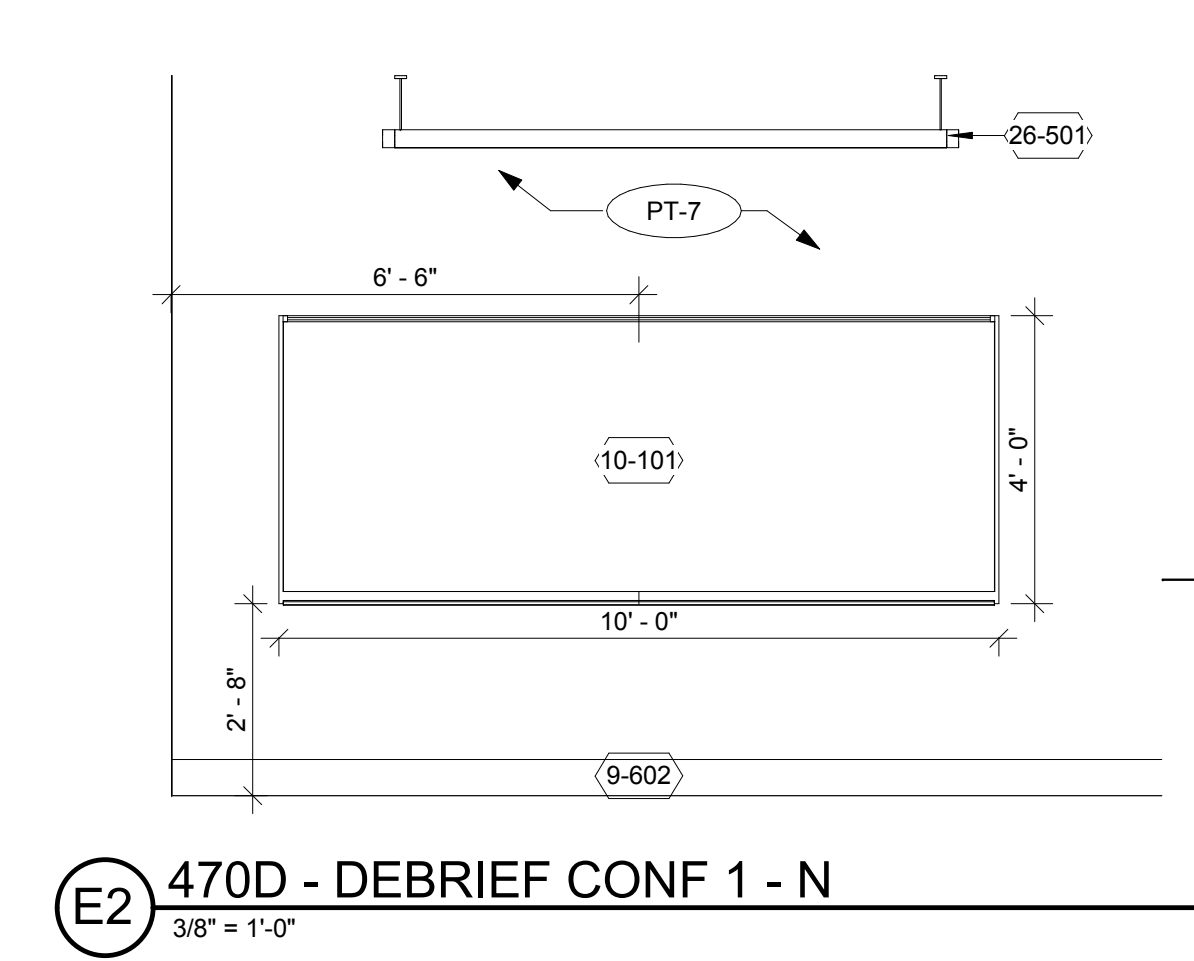
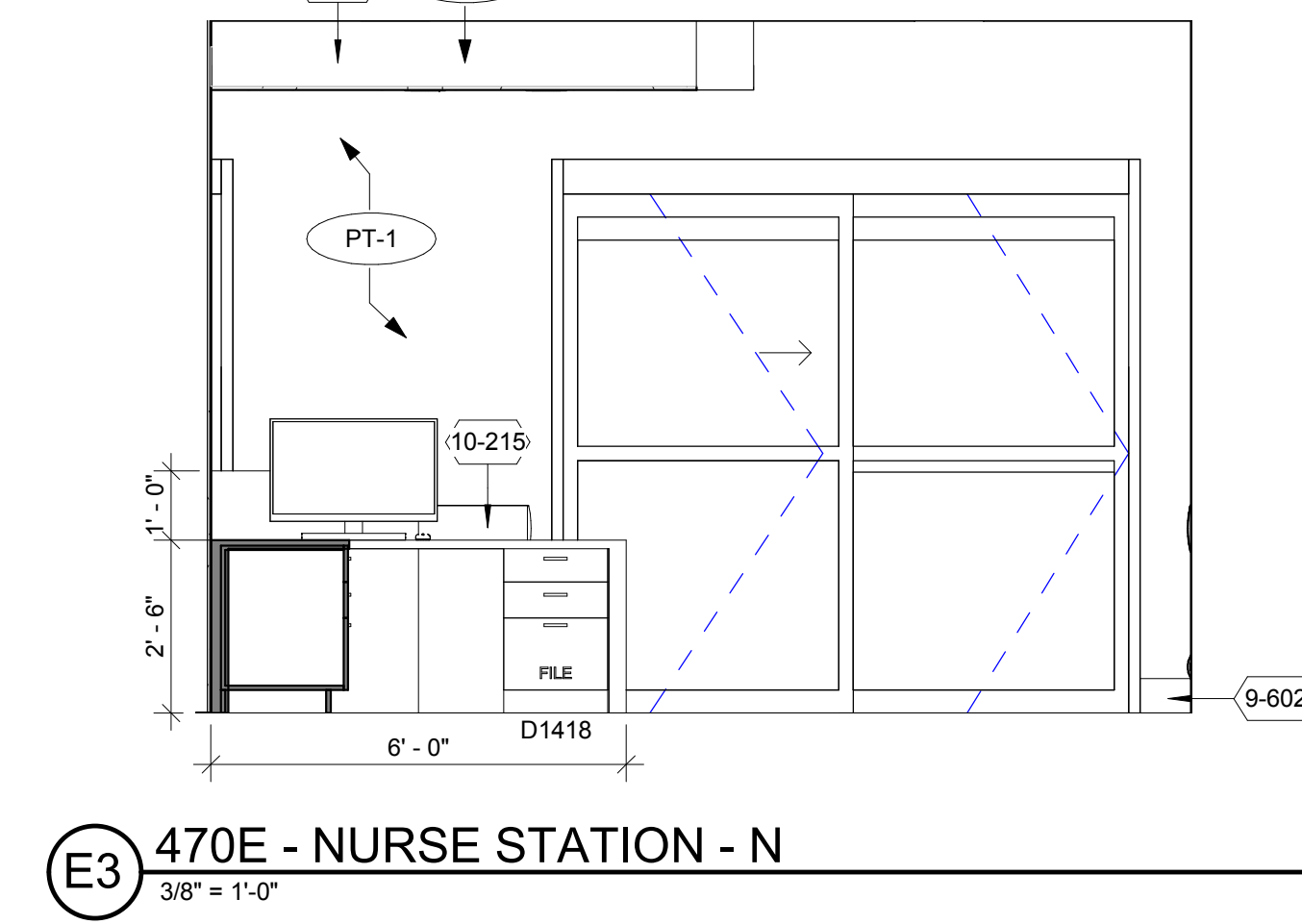
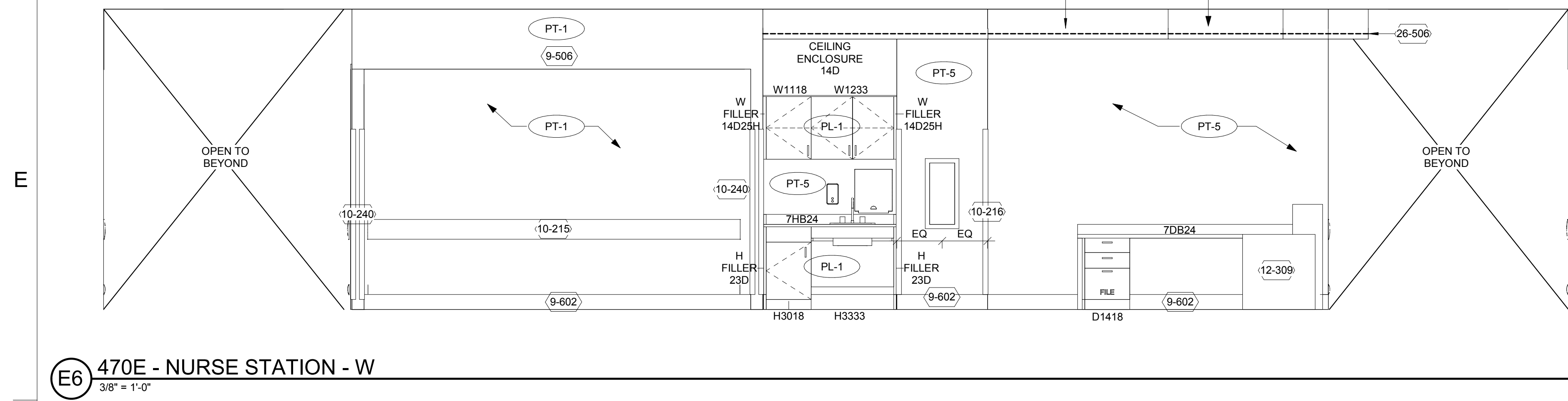


A4 477A - HOME HEALTH TOILET - S
3/8" = 1'-0"

- NOTES TO SHEET**
- 8-113 EXISTING DOOR AND FRAME TO BE SALVAGED AND RELOCATED
 - 8-807 ALUMINUM WINDOW SYSTEM TO MATCH EXISTING KI WALL WINDOW
 - 8-701 CARD READER. COORDINATE WITH SECURITY.
 - 8-801 GLAZING. REFER TO ELEVATIONS FOR TYPE.
 - 9-606 GYPSUM FURR DOWN.
 - 9-602 RUBBER COVED BASE, 6" HEIGHT..
 - 9-708 DONOR GLASS PANEL WITH CUSTOM GRAPHIC IN RECESSED NICHE, FULL HEIGHT.
 - 9-709 PLASTIC LAMINATE PANEL WITH 1/2"X1/2" STAINLESS STEEL CORNER.
 - 9-713 FULL-HEIGHT ACROVYN BY DESIGN WITH CUSTOM IMAGE TO BE DETERMINED BY OWNER
 - 9-916 SHOWER CURTAIN AND CURTAIN ROD.
 - 10-205 CORNER GUARD, 6" TALL, STAINLESS STEEL.
 - 10-216 24Wx30H MIRROR
 - 10-224 CORNER GUARD, 6" TALL, STAINLESS STEEL.
 - 10-238 ROOM MONITOR, RECESSED
 - 11-503

- 1. NO FINISH ON EXISTING EXPOSED CONCRETE COLUMNS, TYP.
- 2. STAINLESS STEEL CORNER GUARD AT ALL EXPOSED CORNERS
- 3. CRASH RAIL AND BUMPER RAIL TO BE LOCATED ON ALL STANDARDIZED PATIENT ROOM, SKILLS & TASKS ROOM AND PATIENT FLEX ROOM WALLS
- 4. 040" RIGID SHEET GOOD TO BE PLACED ON ALL WALLS OF STORAGE ROOMS
- 5. ALL PAINT TO HAVE EGGSHELL FINISH UNLESS NOTED OTHERWISE
- 6. ALL FLOOR MATERIAL CHANGES ARE TO OCCUR AT THE CENTERLINE OF THE CLOSED DOOR. AT TRANSITIONS WHERE THERE IS NO DOOR, INSTALL AS INDICATED ON THE FLOOR PLAN
- 7. ALL CARPET AND RUBBER TILE TO BE DIRECT GLUE, UNLESS NOTED OTHERWISE
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- 9. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
- 10. REFER TO FLOOR PATTERN PLAN FOR "VARIES" FOR FINISH APPLICATION INFORMATION
- 11. ALL PAINTED FINISHES TO TERMINATE AT INSIDE CORNER, UNLESS NOTED OTHERWISE
- 12. ALL EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
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- 15. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING

GENERAL NOTES TO FINISHES
N.T.S.



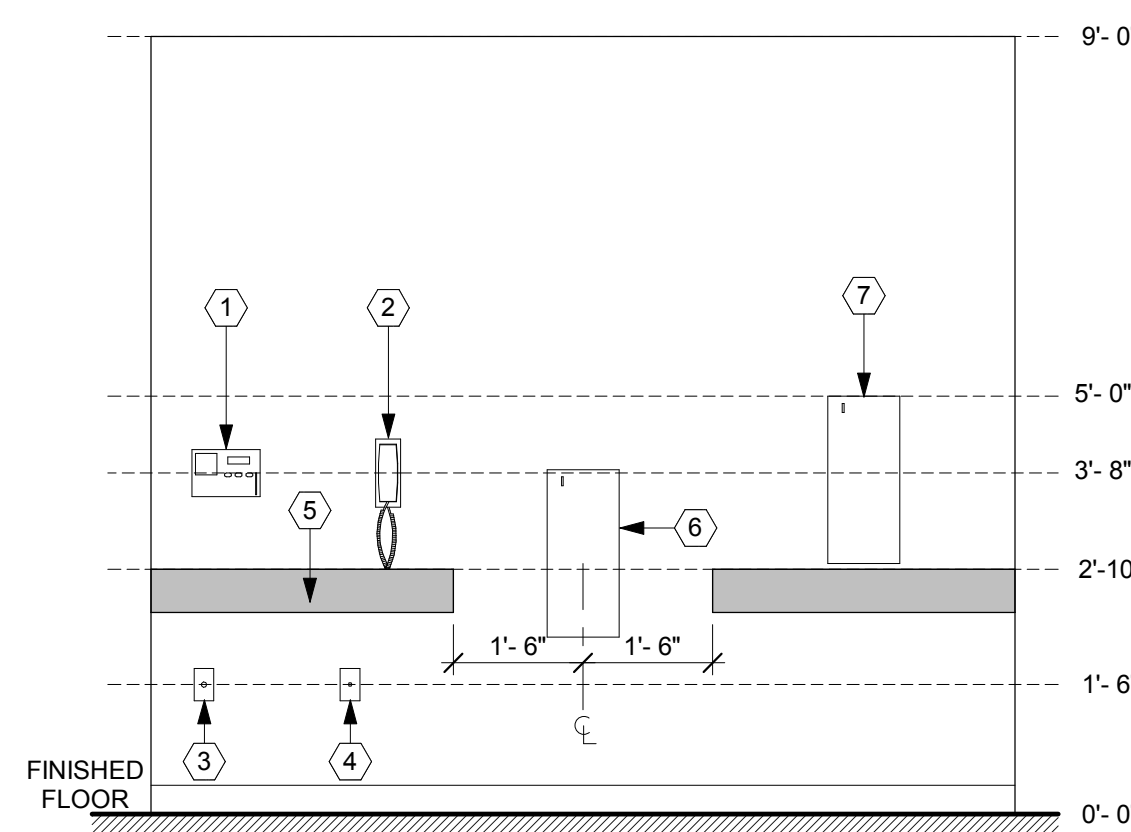
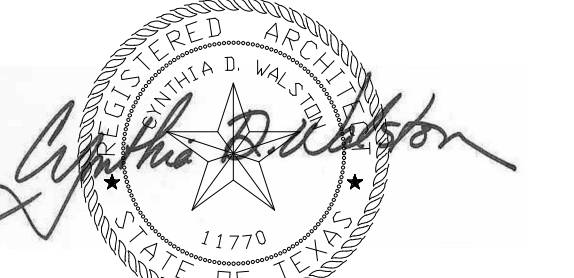
NOTES TO SHEET

- 8-113 EXISTING DOOR AND FRAME TO BE SALVAGED AND RELOCATED
- 9-506 GYPSUM FURR DOWN.
- 9-601 SCHEDULED BASE.
- 9-602 RUBBER COVERED BASE, 6" HEIGHT.
- 9-712 PVC WALL PROTECTION PANEL SOLID SURFACE
- 9-718 MARKERBOARD, GLASS.
- 10-101 CRASH AND BUMPER RAIL.
- 10-215 CORNER GUARD, 6" TALL, STAINLESS STEEL.
- 10-217 END CAP, 6" HEIGHT, STAINLESS STEEL.
- 10-240 SHARPS CONTAINER, SEE EQUIPMENT.
- 11-720 CLOCK WALL, DIGITAL, 4 DIGITS.
- 11-731 NURSE STATION.
- 22-403 HAND SINK. REFER TO PLUMBING LIGHTING. REFER TO ARCH REFLECTED CEILING PLAN AND ELECTRICAL.
- 26-506 RECESSED LINEAR STRIP COVE LIGHTING. SEE DETAIL A6/A6.2.
- 5868-069 Dispenser, Soap, Wall Mount
- 6084-061 Dispenser, Paper Towel, Surface Mount
- OTE01

1. NO FINISH ON EXISTING EXPOSED CONCRETE COLUMNS, TYP.
2. STAINLESS STEEL CORNER GUARD AT ALL EXPOSED CORNERS
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4. 040" RIGID SHEET GOOD TO BE PLACED ON ALL WALLS OF STORAGE ROOMS
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14. EXISTING TO REMAIN DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
15. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING

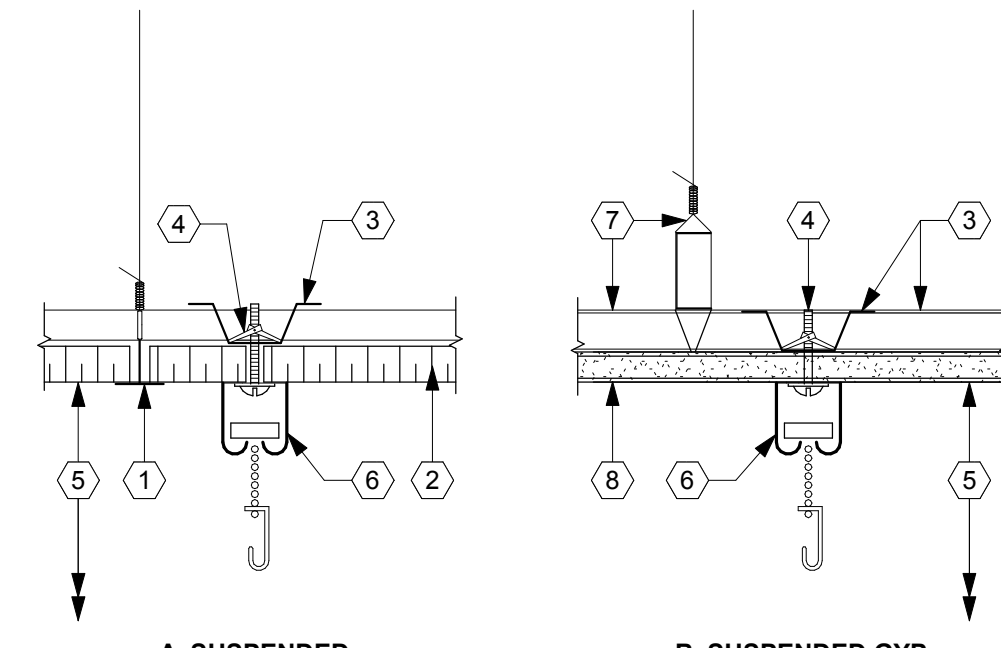
GENERAL NOTES TO FINISHES

N.T.S.



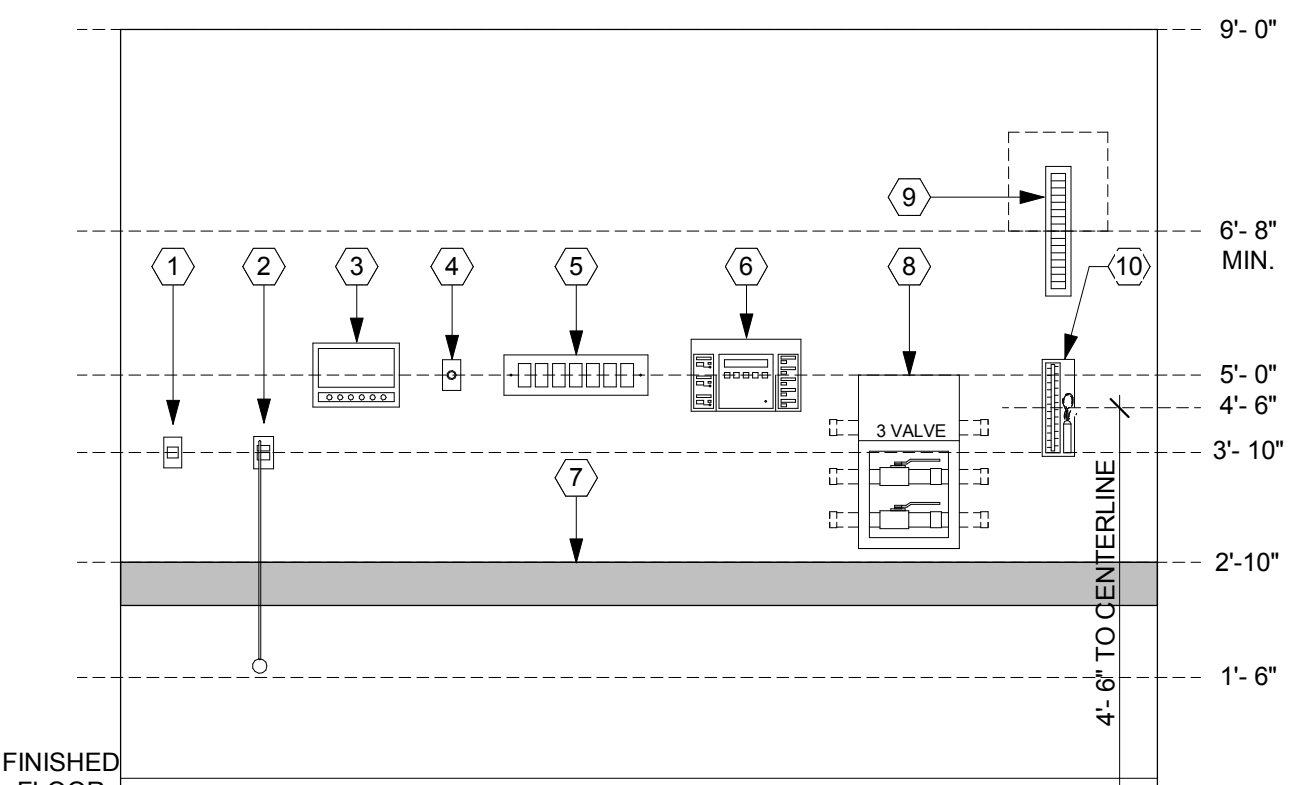
- INTERCOM UNIT.
- WALL MOUNTED HAND PHONE.
- TELEPHONE OUTLET.
- DATA/VOICE OUTLET.
- WALL MOUNTED BUMPER/CRASH RAIL.
- WALL MOUNTED PUBLIC PHONE, ACCESSIBLE. 2'-10" A.F.F. MAX. TO TOP OF DEVICE.
- WALL MOUNTED PUBLIC PHONE, NOT ACCESSIBLE. TOP AT 5'-0" A.F.F.

D6 COMMUNICATION EQUIP. MOUNTING HEIGHTS
1/8" = 1'-0"



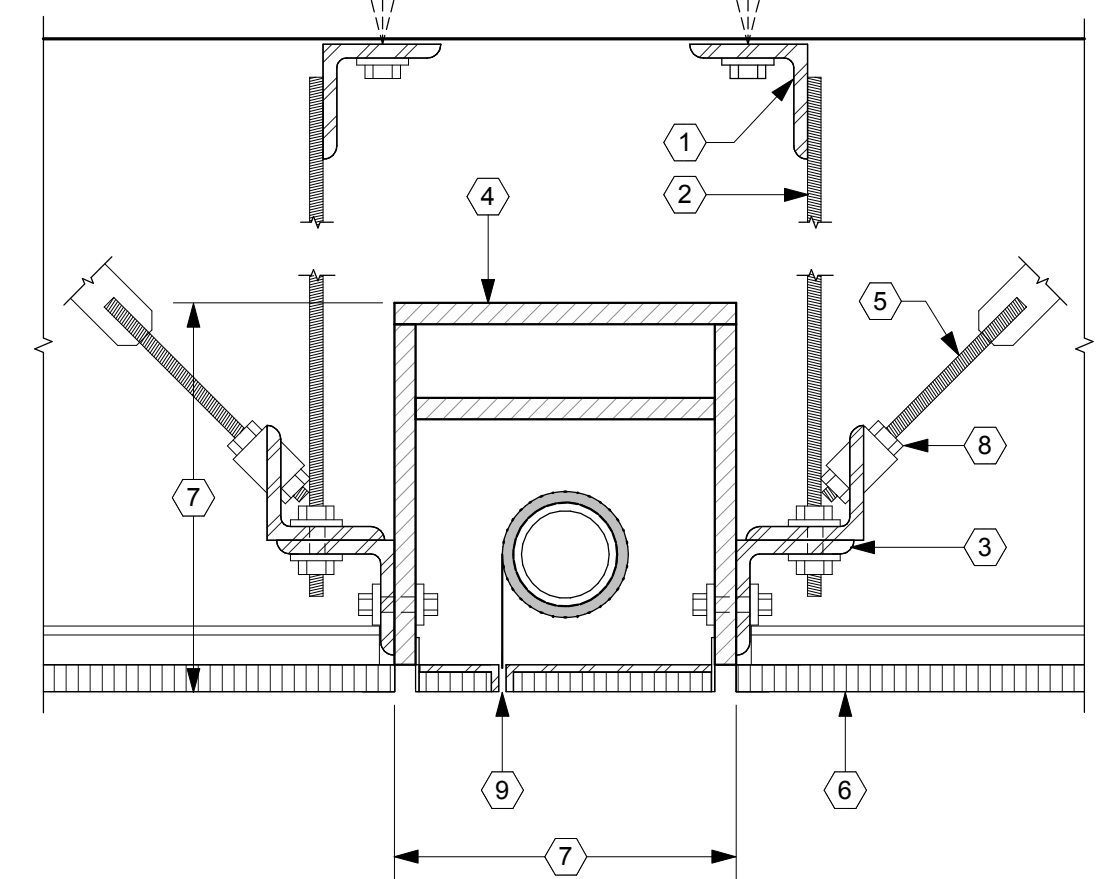
- SCHEDULED SUSPENDED LAY-IN CEILING GRID.
- SCHEDULED LAY-IN CEILING PANEL.
- 7/8" FURRING CHANNEL TO SERVE AS A BACKING PLATE BEHIND ALL CEILING MOUNTED TRACK SYSTEMS. COPE TIGHT TO CEILING FRAMING MEMBERS AND TIE IN PLACE WITH 14 GA. WIRE AT SUSPENSION GRIDS. AT GYP. BOARD CEILING SUSPENDED SYSTEMS, NOTCH ENDS & SCREW ATTACH TO PERPENDICULAR FRAMING MEMBERS.
- TOGGLE FASTENERS & 3/16" BOLTS AT NOT MORE THAN 12 INCH CENTERS.
- SCHEDULED CEILING HEIGHT.
- CEILING MOUNTED CURTAIN OR IV TRACK.
- GYP. BOARD CEILING SUSPENSION SYSTEM.
- SEE FINISH SCHEDULES FOR GYP. BOARD TYPE, THICKNESS AND FINISH.

D4 CEILING MOUNTED CURTAIN OR IV TRACK
1/8" = 1'-0"



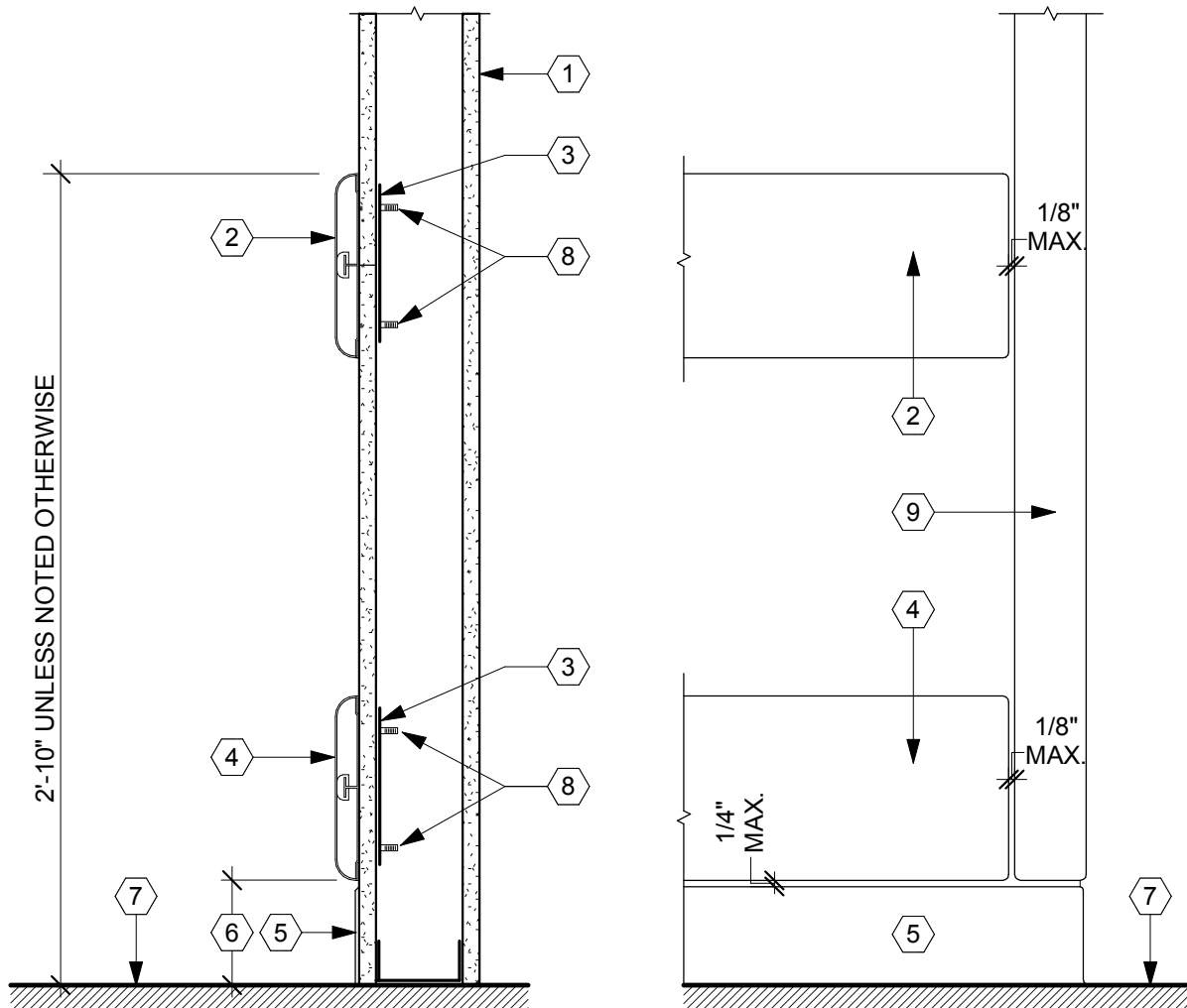
- CODE BLUE.
- PULL CORD STATION.
- NURSE CALL DUTY STATION.
- MEDICAL GAS OUTLET.
- MEDICAL GAS CONSOLE.
- MEDICAL GAS ALARM PANEL.
- WALL MOUNTED BUMPER/CRASH RAIL.
- ZONE GAS VALVE. (TOP AT 4'-0" OR 5'-0" A.F.F. FOR 3 VALVE DEVICE).
- PHYSIOLOGICAL MONITOR BRACKET.
- BLOOD PRESSURE APPARATUS.

D3 MEDICAL EQUIPMENT MOUNTING HEIGHTS
1/8" = 1'-0"



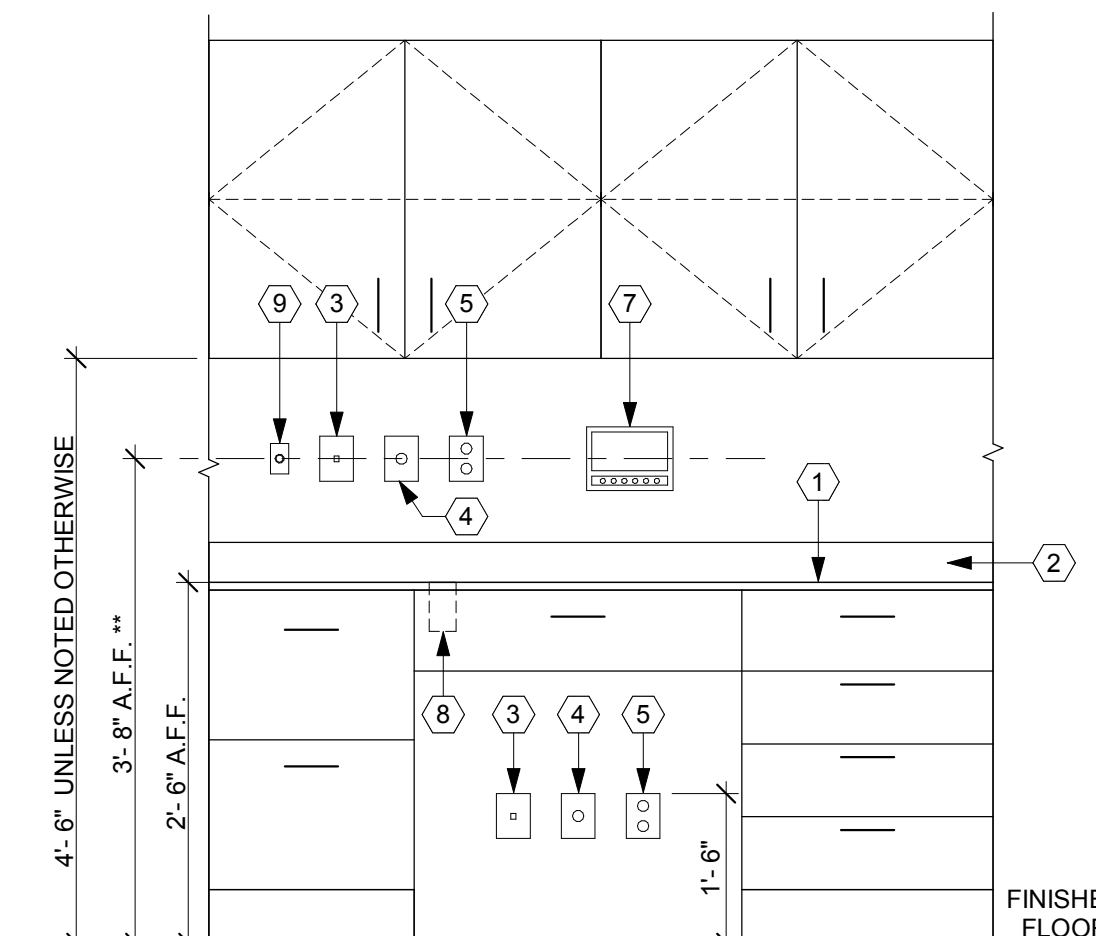
- CLIP ANGLE. 2" x 2" x 1/4" x 8". EXPANSION BOLT TO STRUCTURE WITH TWO 3/8" DIAMETER BOLTS.
- THREADED RODS. 5/16" DIAMETER GALVANIZED. AT 4'-0" MAX. O.C. WELD TO CLIP ANGLE ABOVE AND BOLT TO CONTINUOUS SUPPORT ANGLE.
- SUPPORT ANGLE. 2" x 2" x 1/4". CONTINUOUS. LENGTH OF ANGLE = SCREEN LENGTH. MINIMUM ATTACH HOUSING TO ANGLE AT EACH END OF SCREEN ON BOTH SIDES.
- RECESSED TRAP DOOR FOR APPLICATION OF CEILING FINISH.
- THREADED ROD. 5/16" DIAMETER, WITH COUPLER NUT FOR ADJUSTMENT. BOLT TO CLIP ANGLE AT SCREEN AND WELD TO CLIP ANGLE AT STRUCTURE.
- SCHEDULED SUSPENDED CEILING SYSTEM TO ABUT SCREEN HOUSING PER SCREEN MANUFACTURER'S RECOMMENDATIONS.
- DIMENSION VARIES - COORDINATE WITH SCREEN SUPPLIER.
- CLIP ANGLE FOR BRACE. 2" x 2" x 1/4" x 4". PROVIDE AT EACH END OF SCREEN ON BOTH SIDES.
- RECESSED TRAP DOOR FOR APPLICATION OF CEILING FINISH.

D2 CONCEALED PROJECTION SCREEN WITH TRAP DOOR
1/8" = 1'-0"



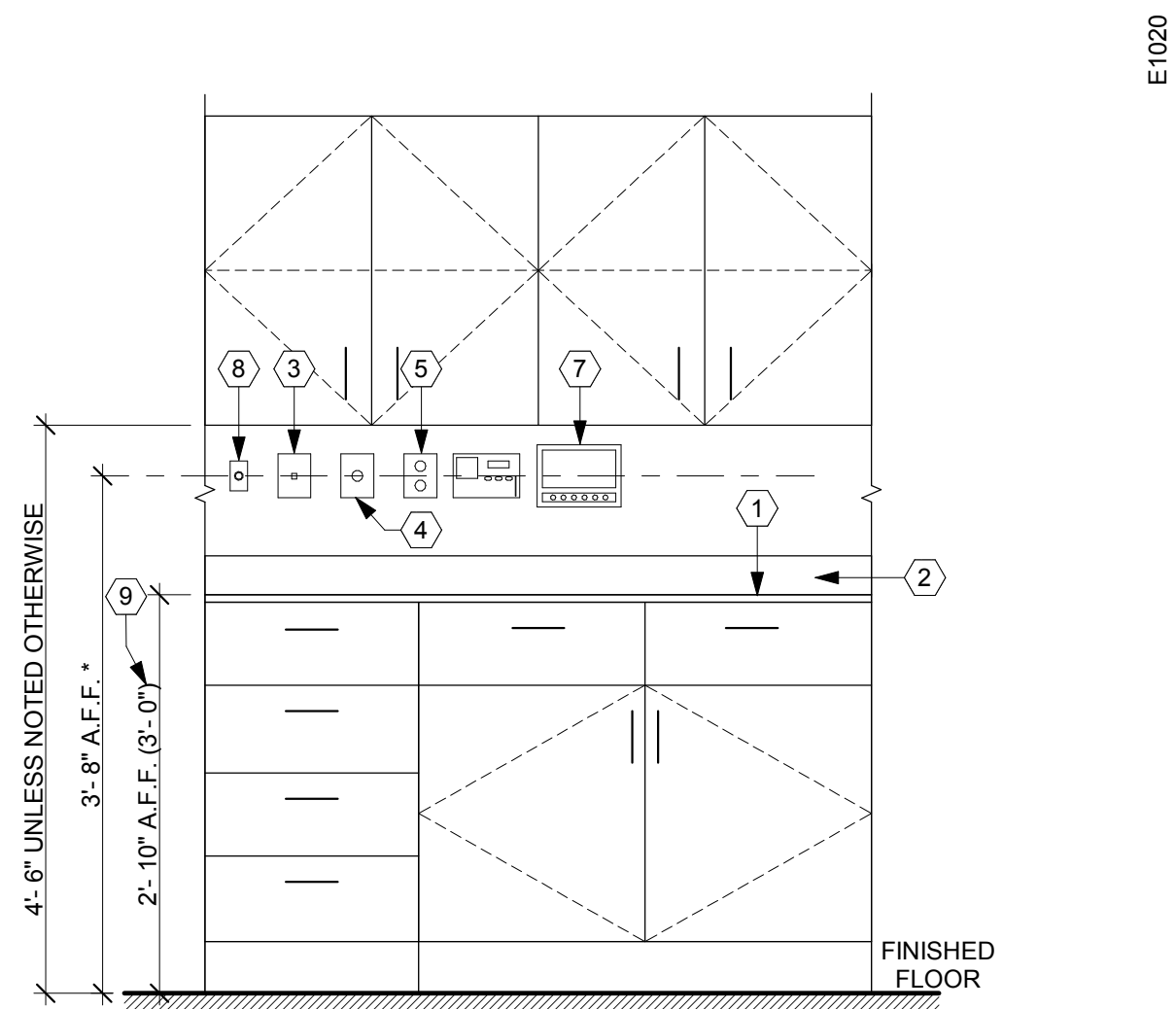
- SCHEDULED PARTITION TYPE. CRASHRAIL ASSEMBLY. COMPLETE WITH HIGH IMPACT PLASTIC COVER, ALUM. RETAINER PLATES, END RETURNS & CONTINUOUS CORNERS. SEE NOTES ON PLANS FOR STYLE.
- BACKING PLATE. CONTINUOUS. 18 GAUGE X 8" BEHIND RAILS.
- BUMPER RAIL ASSEMBLY. COMPLETE WITH HIGH IMPACT PLASTIC COVER, RETAINER PLATES, END RETURNS, CAPS & CORNER TURNS. SEE FINISH SCHEDULE AND SPECIFICATIONS FOR STYLE.
- SCHEDULED BASE. SEE FINISH SCHEDULE.
- LOCATE BOTTOM OF BUMPER RAIL 1/4" ABOVE SCHEDULED BASE HEIGHT. FINISHED FLOOR LINE.
- ANCHOR BOLTS. 1/4" EXP. BOLTS AT MASONRY. 1/4" TOGGLE BOLTS AT STUD FRAMING.
- 24" O.C. MAX. AT CRASH AND BUMPER RAILS. 32" O.C. MAX. AT POST MOUNTED APPLICATIONS. CORNER GUARD. (DOOR FRAME CONDITION SIMILAR)

B6 CRASH AND BUMPER RAIL
1/8" = 1'-0"



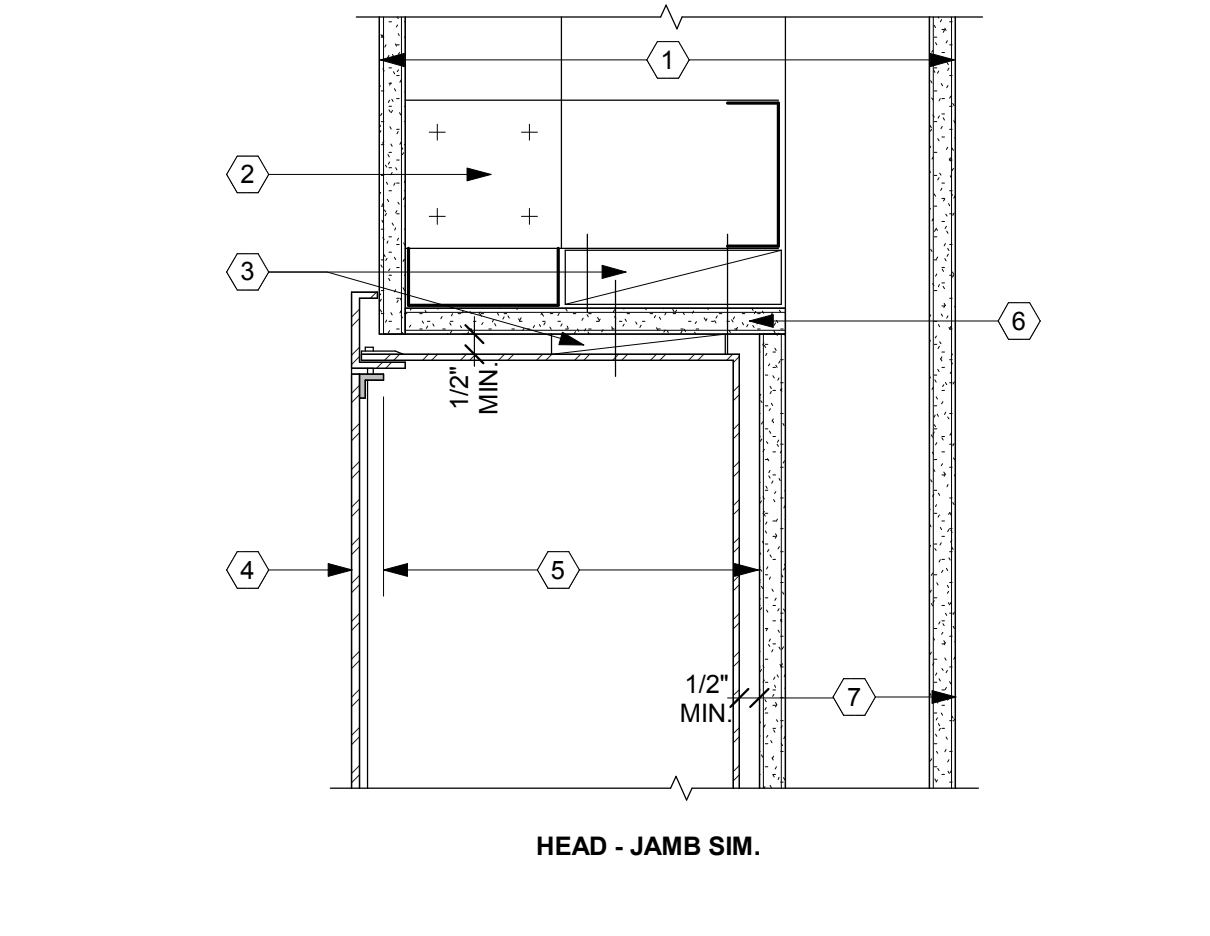
- ACCESSIBLE COUNTER DEPTH - 24" MAX. DESK HEIGHT - COUNTERTOP AT 2'-4" A.F.F. (NOMINAL), EQUIPMENT AT 3'-7" A.F.F. TO CENTERLINE.
- 4" BACK SPLASH.
- TELEPHONE OUTLET.
- DATA/VOICE OUTLET.
- ELECTRICAL RECEPTACLE.
- NOT USED.
- NURSE CALL DUTY STATION. GROMMET. 1 1/2" DIAMETER WITH COVER.
- MEDICAL GAS OUTLET.

B4 EQUIPMENT MOUNTING HEIGHTS AT DESKTOP
1/8" = 1'-0"



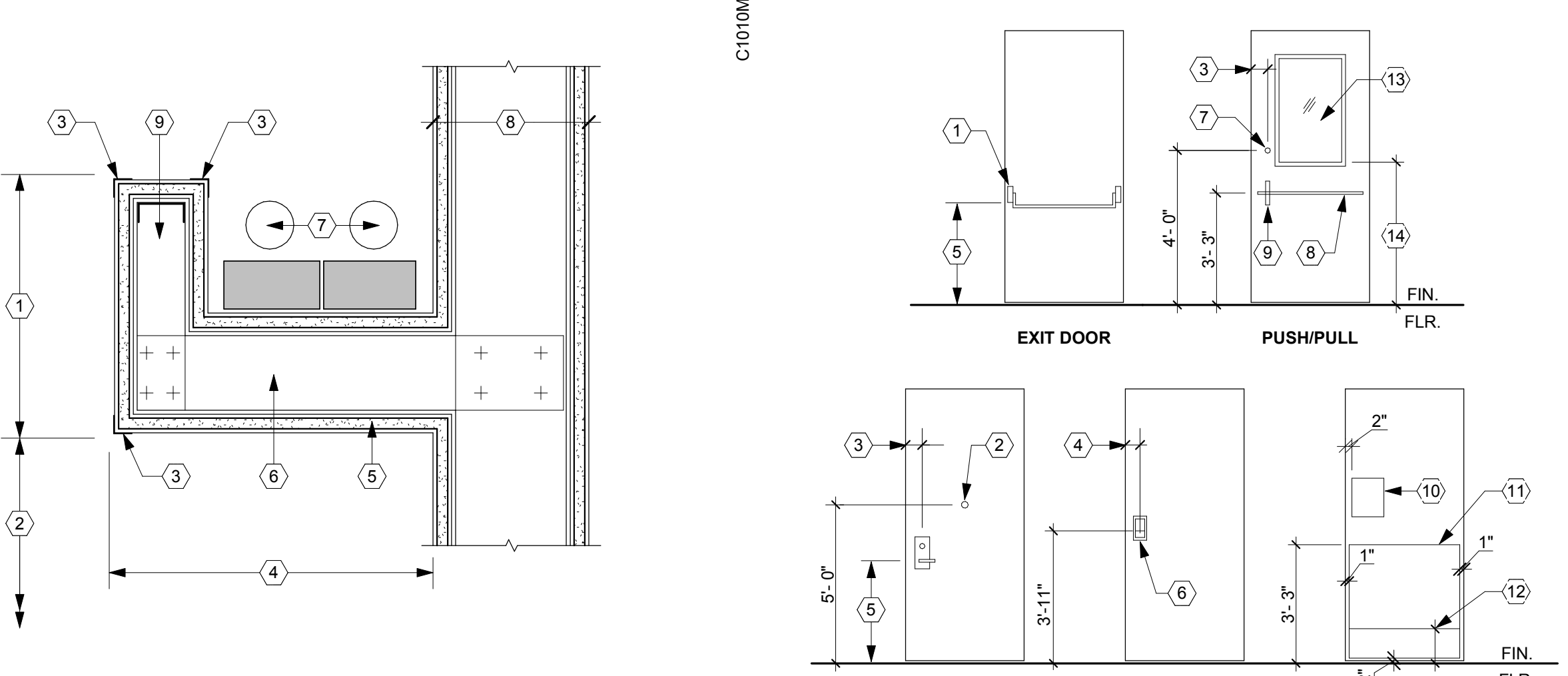
- ACCESSIBLE COUNTER DEPTH - 24" MAX. COUNTER HEIGHT - COUNTERTOP AT 3'-0" A.F.F. (NOMINAL), EQUIPMENT AT 4'-0" A.F.F. TO CENTERLINE.
- 4" BACK SPLASH.
- TELEPHONE OUTLET.
- DATA/VOICE OUTLET.
- ELECTRICAL RECEPTACLE.
- NOT USED.
- NURSE CALL DUTY STATION.
- MEDICAL GAS OUTLET.
- ACCESSIBLE COUNTER HEIGHT - 2'-10" MAX.

B3 EQUIPMENT MOUNTING HEIGHTS AT COUNTERTOPS
1/8" = 1'-0"



- CHASE CONSTRUCTION REQUIRED AT ALL FULLY RECESSED FIRE-EXTINGUISHER CABINETS TO NEAREST INSIDE/OUTSIDE CORNERS OF SPACE UNLESS OTHERWISE SHOWN ON PLANS. CONSTRUCT CHASE TO MATCH SCHED. PARTITION TYPE RATING.
- HORIZONTAL BRIDGING.
- WOOD BLOCKING, FIRE RETARDANT TREATED, CONTINUOUS AROUND OPENING.
- FULLY-RECESSED FIRE-EXTINGUISHER CABINET. SEE PLANS FOR LOCATIONS OF EXTINGUISHER CABINETS AND COMBINATION FIRE VALVE/HOSE/EXTINGUISHER CABINETS. VERIFY CABINET MODEL FOR ACTUAL DIMENSIONS.
- SECURE ADDITIONAL LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD (AS INDICATED FOR PARTITION RATING) TO BLOCKING.
- SCHEDULED PARTITION TYPE. SEE FLOOR PLANS AND REFERENCED CODE TO PARTITION TYPES FOR MATERIALS AND DETAIL REQUIREMENTS.

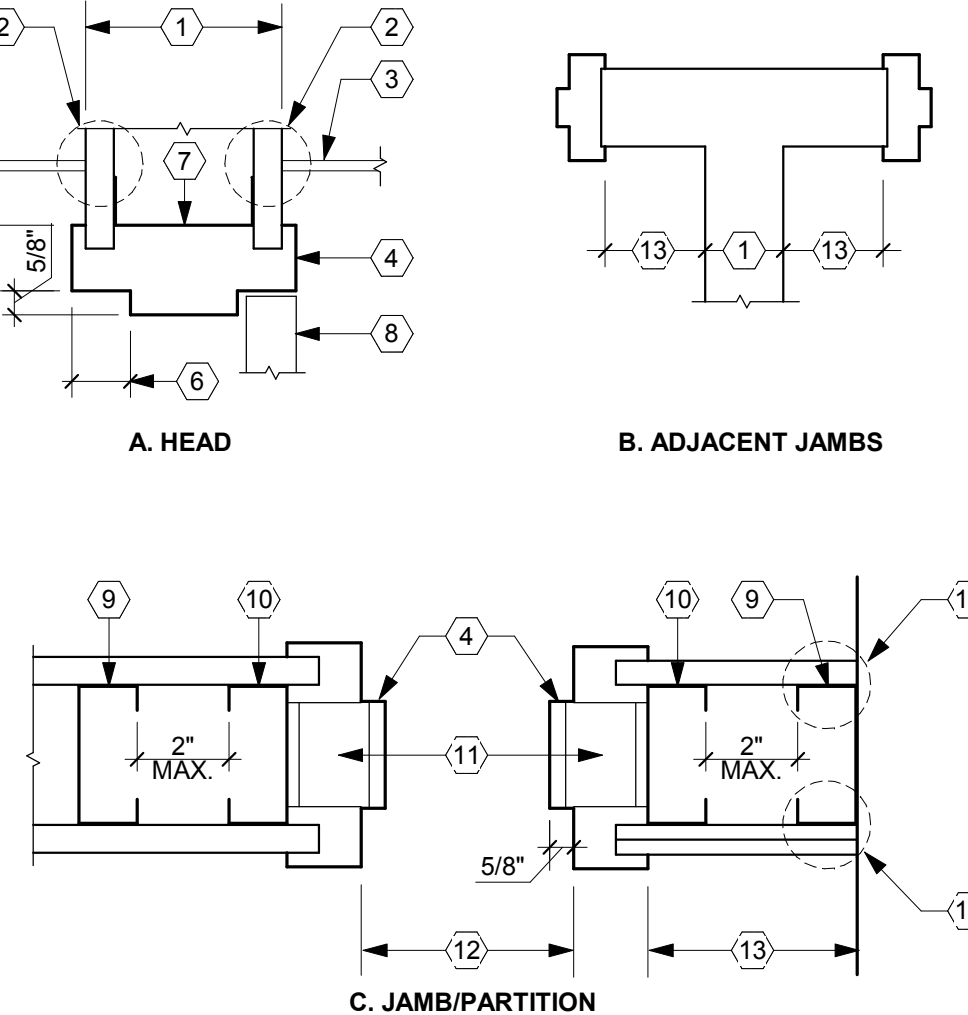
B2 FIRE EXTINGUISHER CABINET (RECESSED)
1/8" = 1'-0"



- HEIGHT OF COVE. 8" MIN. SEE PLANS AND/OR SECTIONS FOR DIMENSION IF OTHERWISE.
- DRYWALL PARTITION. SEE PLANS AND CODE TO PARTITION TYPES FOR DESCRIPTION.
- FLUORESCENT LIGHT FIXTURE. STAGGER FIXTURES AND OVERLAP 4" MINIMUM. SEE ELECTRICAL DOCUMENTS FOR FIXTURE TYPE.
- STANDARD BACKSET. COORDINATE WITH HDW. SUPPLIER.
- BACKSET. 5" COORDINATE WITH HDW. SUPPLIER.
- STRIKE CENTERLINE @ 3'-4".
- HOSPITAL PUSH/PULL LATCH.
- DEADLOCK.
- PUSH BAR.
- PULL.
- PUSH PLATE.
- ARMORED PLATE. SEE "REMARKS TO OPENING SCHEDULE" OR HARDWARE SETS. DO NOT USE ON RATED DOORS.
- KICKPLATE. SEE HARDWARE SETS OR "REMARKS TO OPENING SCHEDULE". MAXIMUM HEIGHT - 16" A.F.F. ON RATED DOORS.
- VIEWING PANEL.
- 42" MAXIMUM HEIGHT FROM FINISHED FLOOR TO BOTTOM OF VIEWING PANEL.

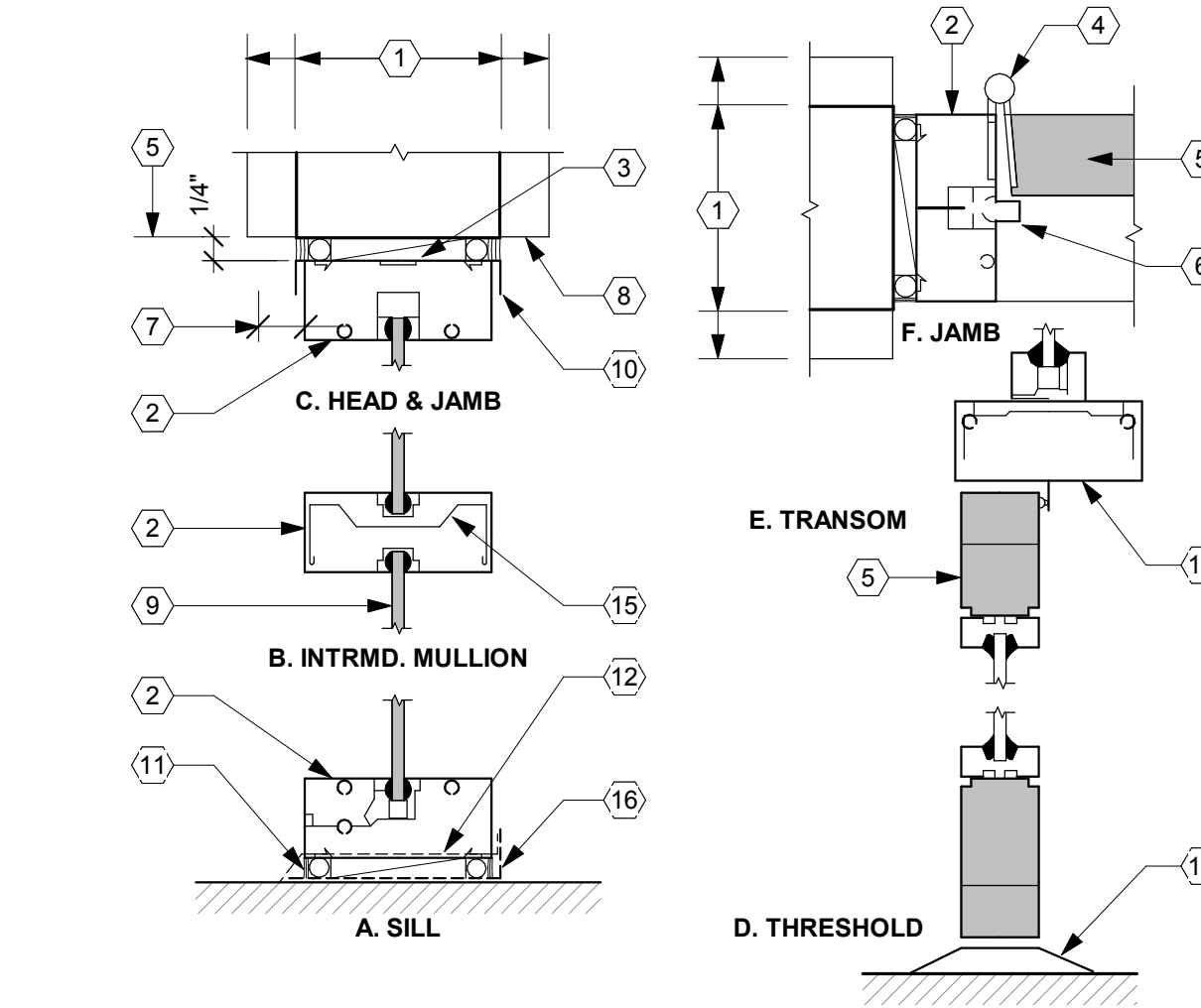
A6 LIGHT COVE
1/8" = 1'-0"

A5 DOOR HARDWARE MTG. HTS.
1/8" = 1'-0"



- FOR FRAME THROAT REQUIREMENTS SEE PARTITION TYPE REFERENCE.
- PARTITION INTERSECTION AT CEILING. SEE PART TYPE.
- SCHEDULED CLG. FINISH & HEIGHT.
- SCHEDULED FRAME MATERIAL & SIZE. SEE DOOR & OPENING SCHED.
- FRAME PROFILE - SEE OPENING TYPES FOR DIMENSION.
- FRAME RABBIT-EQUAL ON BOTH SIDES OF STOP.
- PARTITION HEADER TRACK. CONTINUOUS ACROSS OPENING.
- SCHEDULED DOOR SIZE & MATERIAL. STUD REQUIRED @ THIS LOCATION.
- REGARDLESS OF SCHEDULED SPACING. JAMB STUDS-20 GA. MINIMUM UNLESS HEAVIER STUDS SPECIFIED.
- FRAME ANCHOR. CONCEALED ANCHORAGE REQUIRED.
- SCHEDULED OPENING WIDTH SIZE. SEE DOOR & OPENING SCHED.
- ABUTTING PARTITION. 4" MIN. BACKSET UNLESS OTHERWISE NOTED. IF LESS THAN 4" PENETRATION PARTITION FRAMING REQUIRED.
- PARTITION INTERSECTION-SEE GENERAL NOTES TO PARTITION TYPES FOR DETAIL REFERENCE.

A3 DOOR HEAD & JAMB AT STUDDED PARTITION
1/8" = 1'-0"



- WALL OR PARTITION CONST. SEE PLANS FOR PARTITION TYPE.
- ALUM. GLAZING SYSTEM.
- SHIMS AS REQUIRED. SCHEDULES.
- SCHEDULED HARDWARE.
- SCHEDULED DOOR. SEE OPENING SCHEDULE FOR SIZE & TYPE.
- DOOR STOP EXTRUSION AT OFF-SET PIVOTS & HINGED DOORS. SEE SCHEDULES FOR REQUIREMENTS.
- TYP. SETBACK OF 3/4" AT EXT. CASING OR FINISH MATERIAL. RETURN AS REQUIRED BY PARTITION OR WALL THICKNESS.
- FOR GLAZING MATERIAL. SEE ELEVATION &/OR OPENING SCHEDULES.
- ALUMINUM FRAME HEAD ENCLOSURE WHERE SPECIFIED.
- BACKER ROD & SEALANT TO CLOSE JOINTS.
- ALUMINUM SILL FLASHING EXTRUSION AT EXT. WALL.
- TRANSOM BAR. SEE ELEVATION AND OPENING SCHEDULE FOR LOCATIONS.
- ALUM. SADDLE (1/2" HIGH) AT EXT. DOORS. SET IN FULL BED OF MASTIC. SEAL ENDS.
- INTERNAL REINFORCING WHERE REQUIRED BY SPANS & WIND LOAD.
- SILL FLASHING AT EXTERIOR COND. END DAM AT JAMBS.

A2 ALUMINUM WINDOW FRAMES
1/8" = 1'-0"

1. NO FINISH ON EXISTING EXPOSED CONCRETE COLUMNS, TYP.
2. STAINLESS STEEL CORNER GUARD AT ALL EXPOSED CORNERS
3. CRASH RAIL AND BUMPER RAIL TO BE LOCATED ON ALL STANDARDIZED PATIENT ROOM, SKILLS & TASKS ROOM AND PATIENT FLEX ROOM WALLS
4. .040" RIGID SHEET GOOD TO BE PLACED ON ALL WALLS OF STORAGE ROOMS
5. ALL PAINT TO HAVE EGGSHELL FINISH UNLESS NOTED OTHERWISE
6. ALL FLOOR MATERIAL CHANGES ARE TO OCCUR AT THE CENTERLINE OF THE CLOSED DOOR. AT TRANSITIONS WHERE THERE IS NO DOOR, INSTALL AS INDICATED ON THE FLOOR PLAN
7. ALL CARPET AND RUBBER TILE TO BE DIRECT GLUE, UNLESS NOTED OTHERWISE
8. SLIM PROFILE RUBBER TRANSITION STRIPS, UNLESS NOTED OTHERWISE
9. ALL HOLLOW METAL DOOR FRAMES PAINT PT-9, UNLESS NOTED OTHERWISE
10. REFER TO FLOOR PATTERN PLAN FOR "VARIES" FOR FINISH APPLICATION INFORMATION
11. ALL PAINTED FINISHES TO TERMINATE AT INSIDE CORNER, UNLESS NOTED OTHERWISE
12. ALL EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
13. ALL HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
14. EXISTING TO REMAIN DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
15. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING

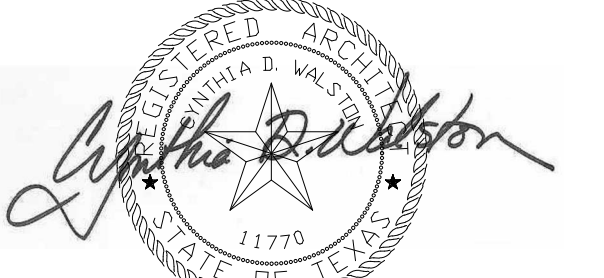
GENERAL NOTES TO FINISHES
1/8" = 1'-0"

NOTES TO SHEET

9-611 EXISTING FLOOR TRANSITION TO BE REUSED

ARCHITECT OF RECORD

CYNTHIA D. WALSTON



DATE: 07/02/2018

REVISIONS

1 07/24/2018 ADDENDUM NO. 1

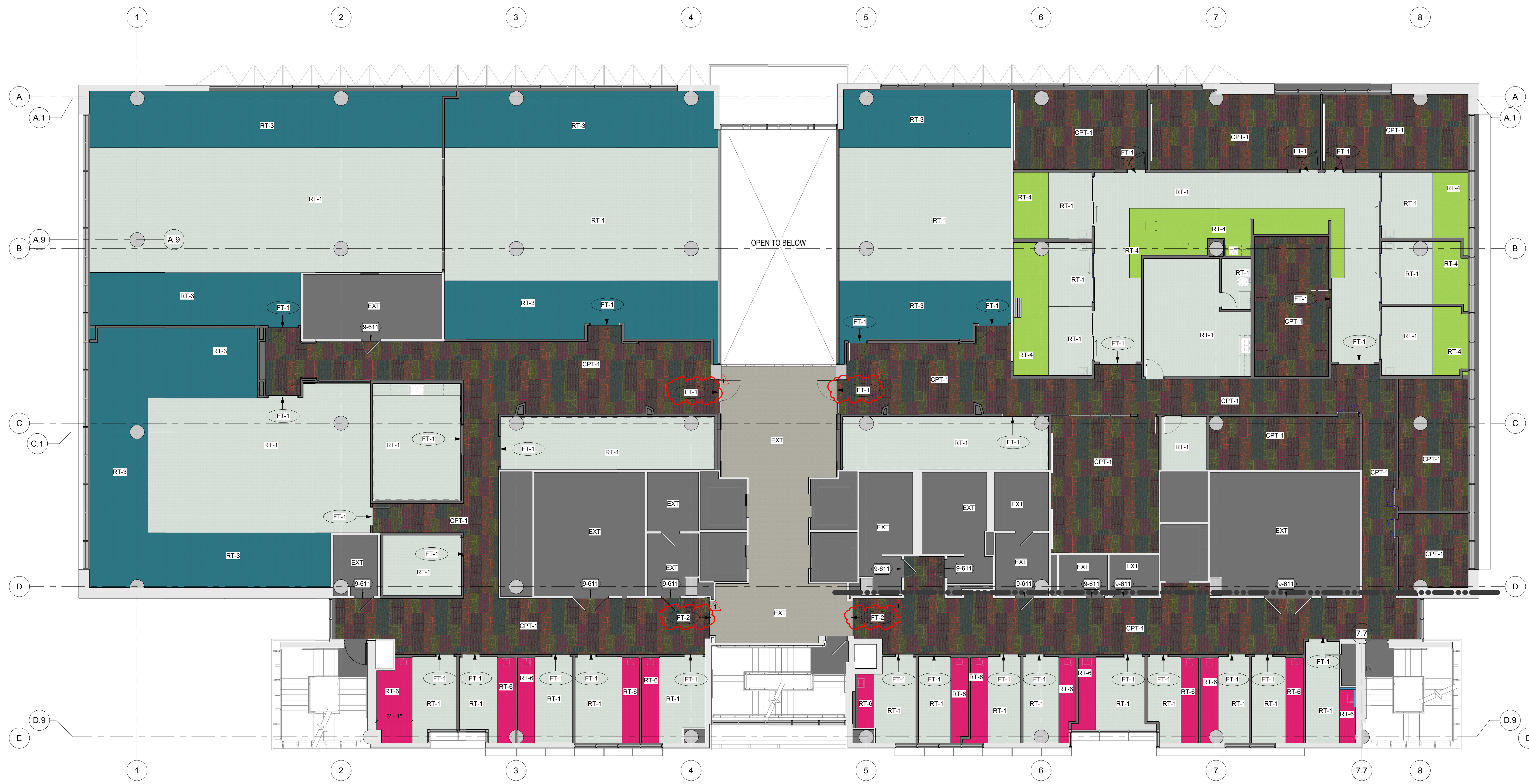
E

D

C

B

A



A6 Level 4 - FLOOR PATTERN PLAN
1/8" = 1'-0"

PROJECT NAME

UTHealth
Jane and Robert Cizik
School of Nursing

The University of Texas
Health Science Center at Houston

SIMULATION LAB

PROJECT NUMBER

045017.0000

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ISSUE

ISSUE FOR
CONSTRUCTION

DATE

07/02/2018

DRAWING TITLE

**LEVEL 4 FLOOR
PATTERN PLAN**

DRAWING NUMBER

IA5.1



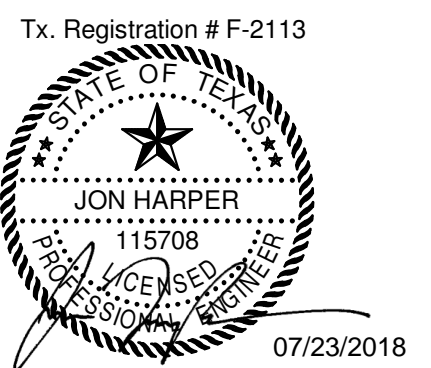
CONSULTANT



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PROJECT NAME



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The University of Texas
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**SIMULATION
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DRAWING TITLE

**MECHANICAL
SCHEDULES**

DRAWING NUMBER

M0.1

SCHEDULE - DIFFUSER & GRILLE								
MARK	CFM RANGE	NECK SIZE	SUPPLY	RETURN	EXHAUST	TYPE	PATTERN	MANUFACTURER & MODEL NUMBER
A	30-80	NA	X			8" ROUND FLOOR DISPLACEMENT	STAR	PRICE RFDD WITH DISTRIBUTOR BASKET AND DAMPER
B	30-80	NA	X			10" ROUND FLOOR DISPLACEMENT	STAR	PRICE RFDD WITH DISTRIBUTOR BASKET AND DAMPER
C	416-600	12" X 12"		X	X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
D	601-815	22" X 22"		X	X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
E	RE: DWGS	RE: DWGS	X			SIDEWALL GRILLE	DOUBLE DEFLECTION	PRICE 620 FS, 3/4" BLADE SPACING ALUMINUM FACE AND FRAME
F	RE: DWGS	RE: DWGS		X	X	SIDEWALL GRILLE	SINGLE DEFLECTION	PRICE 630 FL ALUMINUM FACE AND FRAME
G	0-130	6"			X	12" X 12" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION

DIFFUSER & GRILLE SCHEDULE NOTES

- MAX NC-30 FOR ALL AIR DEVICES. NC SHALL BE CALCULATED AS PER AHRI 885-2008 ASSUMING LAY-IN ACOUSTICAL TILE.
- PROVIDE INTEGRAL OBD FOR SIDEWALL DIFFUSERS AND GRILLES.
- ALL DIFFUSERS IN GYP. BOARD CEILINGS TO HAVE FLOATABLE EDGE TRIM.

AIR DEVICE NOMENCLATURE

[A] — DIFFUSER MARK
5000 — DEVICE CFM
TYP 10 — NUMBER OF DIFFUSERS

SCHEDULE - FAN COIL UNIT																											
MARK	TYPE	DRIVE	SERVES	FAN & MOTOR										COOLING WATER COIL										REMARKS			
				UNIT SIZE	FAN CFM	EXT. S.P. IN. WG	TOTAL S.P. IN. WG	MOTOR HP	FAN QTY.	FAN RPM	VOLTS	PHASE	HERTZ	COIL CFM	MIN. SENS. BTUH	MIN. TOTAL BTUH	MAX. ROWS	ENT. WTR. GPM	EWT °F	LWT °F	EAT DB °F	EAT WB °F	LAT DB °F		LAT WB °F	MAX FLUID PD. ft. H2O	
FCU-04-01	VERTICAL	DIRECT	ROOM #430	12	1,460	0.05	0.45	1/2	1	1100	208	1	60	1460	31,040	38,930	4	5.5	42	56	78	65	58.7	56.3	5.00	BASIS OF DESIGN ENVIRO-TEC MODEL CDV	
FCU-04-02	VERTICAL	DIRECT	ROOM #4M01	20	2,235	0.05	0.40	1/4	2	1088	208	1	60	2235	47,390	60,160	4	8.5	42	56	75	63	55.8	53.8	7.00	BASIS OF DESIGN ENVIRO-TEC MODEL CDV	

FAN COIL UNIT GENERAL NOTES

- FURNISH AND INSTALL WITHOUT EXCEPTION MINIMUM HORSEPOWER (SIZE) AS SCHEDULED.

FAN COIL UNIT SCHEDULE NOTES

- UNIT SHALL HAVE A SINGLE POINT POWER CONNECTION. SEPARATE BUT ADJACENT COMBINATION STARTER/DISCONNECT SWITCH TO BE PROVIDED BY DIVISION 26.

SCHEDULE - AHU (EXISTING)																											
MARK	TOTAL CFM	SUPPLY AIR										COOLING COIL 1										AIR PD (inWC)	H2O PD (ft)	REMARKS			
		EXT. S.P. IN. W.G.	TOTAL S.P. IN. W.G.	MOTOR RPM	MOTOR BHP (EA)	MOTOR HP (EA)	VOLTS	PH	HZ	FAN RPM	COIL CFM	MIN. SENS. MBTUH	TOTAL MBTUH	ENT. WTR. GPM	EWT °F	LWT °F	MAX FACE VEL. FPM	EAT DB °F	EAT WB °F	LAT DB °F	LAT WB °F						
SNAHU4-1	10950	1.10	2.10	1167	7.4	7.5	460	3	60	1197	10950	148.0	148.0	13.6	42	64	510	67.0	58.5	54.6	53.6	0.52	30.1				
SNAHU4-2	10950	1.10	2.10	1167	7.4	7.5	460	3	60	1197	10950	148.0	148.0	13.6	42	64	510	67.0	58.5	54.6	53.6	0.52	30.1				

EXISTING AIR HANDLING UNIT GENERAL NOTES

- REBALANCE EXISTING AIR HANDLING UNITS TO THE ABOVE SCHEDULE.
- CONTRACTOR TO COORDINATE WITH OWNER AND TAB CONTRACTOR TO MINIMIZE DISRUPTION TO OCCUPIED SPACES.

CONSULTANT

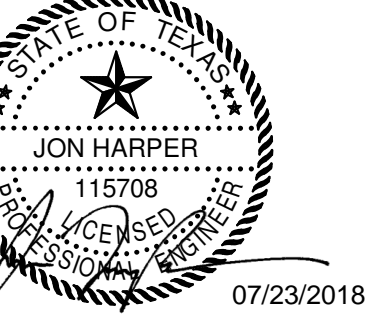


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DRAWING TITLE

**MECHANICAL
SCHEDULES**

DRAWING NUMBER

M0.3

SCHEDULE - UNDERFLOOR AIR TERMINAL BOXES									
ZONE	ROOM NUMBER	MARK	LEVEL	BOX TYPE	SERVED BY AHU/FAN	PRIMARY AIR		GRILLE DIMENSION (IN.)	MAX S.P. IN. WG
						MAX (CFM)	MIN (CFM)		
ZN1	421	UVAV-4-001	LEVEL 4	VAV	SNAHU/4-1	115	45	10 X 10	0.1
ZN1	421	UVAV-4-002	LEVEL 4	VAV	SNAHU/4-1	115	45	10 X 10	0.1
ZN2	423	UVAV-4-003	LEVEL 4	VAV	SNAHU/4-1	120	45	10 X 10	0.1
ZN2	423	UVAV-4-004	LEVEL 4	VAV	SNAHU/4-1	120	45	10 X 10	0.1
ZN2	423	UVAV-4-005	LEVEL 4	VAV	SNAHU/4-1	120	45	10 X 10	0.1
ZN3	425	UVAV-4-006	LEVEL 4	VAV	SNAHU/4-1	135	40	10 X 10	0.1
ZN3	425	UVAV-4-007	LEVEL 4	VAV	SNAHU/4-1	135	40	10 X 10	0.1
ZN4	427	UVAV-4-008	LEVEL 4	VAV	SNAHU/4-1	150	40	10 X 10	0.1
ZN4	427	UVAV-4-009	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN5	429	UVAV-4-010	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN5	429	UVAV-4-011	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN5	429	UVAV-4-012	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN6	4H02	UVAV-4-013	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN8	440	UVAV-4-014	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN8	440	UVAV-4-015	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN8	440	UVAV-4-016	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN9	440	UVAV-4-017	LEVEL 4	VAV	SNAHU/4-1	110	40	10 X 10	0.1
ZN9	440	UVAV-4-018	LEVEL 4	VAV	SNAHU/4-1	110	40	10 X 10	0.1
ZN9	440	UVAV-4-019	LEVEL 4	VAV	SNAHU/4-1	110	40	10 X 10	0.1
ZN9	440	UVAV-4-020	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN10	440	UVAV-4-021	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN10	440	UVAV-4-022	LEVEL 4	VAV	SNAHU/4-1	100	30	10 X 10	0.1
ZN10	440	UVAV-4-023	LEVEL 4	VAV	SNAHU/4-1	100	30	10 X 10	0.1
ZN11	440	UVAV-4-024	LEVEL 4	VAV	SNAHU/4-1	125	40	10 X 10	0.1
ZN11	440	UVAV-4-025	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN11	440	UVAV-4-026	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN12	437	UVAV-4-027	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN12	437	UVAV-4-028	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN13	4H04	UVAV-4-029	LEVEL 4	VAV	SNAHU/4-1	130	40	10 X 10	0.1
ZN14	440	UVAV-4-030	LEVEL 4	VAV	SNAHU/4-1	100	30	10 X 10	0.1
ZN14	440	UVAV-4-031	LEVEL 4	VAV	SNAHU/4-1	100	30	10 X 10	0.1
ZN15	445	UVAV-4-032	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN15	445	UVAV-4-033	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN15	445	UVAV-4-034	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN15	445	UVAV-4-035	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN16	445	UVAV-4-036	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN16	445	UVAV-4-037	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN16	445	UVAV-4-038	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN17	445	UVAV-4-039	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN17	445	UVAV-4-040	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN17	445	UVAV-4-041	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN17	445	UVAV-4-042	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN17	445	UVAV-4-043	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN18	445	UVAV-4-044	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN18	445	UVAV-4-045	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN18	445	UVAV-4-046	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN19	445	UVAV-4-047	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN19	445	UVAV-4-048	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN19	445	UVAV-4-049	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN19	445	UVAV-4-050	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN20	450	UVAV-4-051	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN20	450	UVAV-4-052	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN20	450	UVAV-4-053	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN21	450	UVAV-4-054	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-055	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-056	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-057	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-058	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-059	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-060	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN22	450	UVAV-4-061	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN22	450	UVAV-4-062	LEVEL 4	VAV	SNAHU/4-1	130	45	10 X 10	0.1
ZN22	450	UVAV-4-063	LEVEL 4	VAV	SNAHU/4-1	130	45	10 X 10	0.1
ZN23	450	UVAV-4-064	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN23	450	UVAV-4-065	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN23	450	UVAV-4-066	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN23	450	UVAV-4-067	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN24	460	UVAV-4-068	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN24	460	UVAV-4-069	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN24	460	UVAV-4-070	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN25	460	UVAV-4-071	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN25	460	UVAV-4-072	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN26	460	UVAV-4-073	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN26	460	UVAV-4-074	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN26	460	UVAV-4-075	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN26	460	UVAV-4-076	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN27	470D	UVAV-4-077	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
ZN27	470D	UVAV-4-078	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
ZN27	470D	UVAV-4-079	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
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ZN27	470D	UVAV-4-082	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
ZN28	470C	UVAV-4-083	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN29	470B	UVAV-4-084	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN30	470A	UVAV-4-085	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN31	470G	UVAV-4-086	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN31	470G	UVAV-4-087	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN31	470G	UVAV-4-088	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN31	470G	UVAV-4-089	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN31	470G	UVAV-4-090	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN31	470G	UVAV-4-091	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1

SINGLE DUCT UNDERFLOOR TERMINAL BOX SCHEDULE GENERAL NOTES

- A. ABOVE SELECTIONS BASED ON YORK FLEX SYS MODEL MIT3-CS.
- B. INLET SIZE INDICATED IS THE MINIMUM INLET SIZE ACCEPTABLE. MANUFACTURER MAY INCREASE INLET SIZE IF NECESSARY TO MEET PROJECT REQUIREMENTS.
- C. MAX SP IN.WG IS THE MAXIMUM STATIC PRESSURE DROP ALLOWED THROUGH THE BOX AT SCHEDULED MAXIMUM CFM.
- D. TERMINAL BOX SHALL BE OPERATED BY 24V POWER. PROVIDE CONTROL POWER TRANSFORMER UNDERFLOOR POWER MODULE PER SPECIFICATIONS. DIVISION 26 SHALL PROVIDE SINGLE POINT POWER CONNECTION TO EACH UNDER FLOOR POWER MODULE.
- E. PROVIDE UNDERFLOOR POWER MODULE JUNCTION BOX. ONE POWER MODULE JUNCTION BOX FOR MAXIMUM OF TEN TERMINAL UNITS. POWER MODULE JUNCTION BOX BASIS OF DESIGN FLEX SYS MODEL PM-4. COORDINATE WITH DIVISION 26 FOR ELECTRICAL CONNECTIONS.

SCHEDULE - UNDERFLOOR AIR TERMINAL BOXES									
ZONE	ROOM NUMBER	MARK	LEVEL	BOX TYPE	SERVED BY AHU/FAN	PRIMARY AIR		GRILLE DIMENSION (IN.)	MAX S.P. IN. WG
						MAX (CFM)	MIN (CFM)		
ZN31	470G	UVAV-4-092	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN32	477	UVAV-4-093	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN32	477	UVAV-4-094	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN32	477	UVAV-4-095	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN33	475	UVAV-4-096	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN33	475	UVAV-4-097	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN33	475	UVAV-4-098	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN33	475	UVAV-4-099	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN33	475	UVAV-4-100	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN34	470H	UVAV-4-101	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN34	470H	UVAV-4-102	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN34	470H	UVAV-4-103	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN34	470H	UVAV-4-104	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN34	470H	UVAV-4-105	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN34	470H	UVAV-4-106	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN34	470H	UVAV-4-107	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN35	470K	UVAV-4-108	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN35	470K	UVAV-4-109	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN35	470K	UVAV-4-110	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN35	470K	UVAV-4-							

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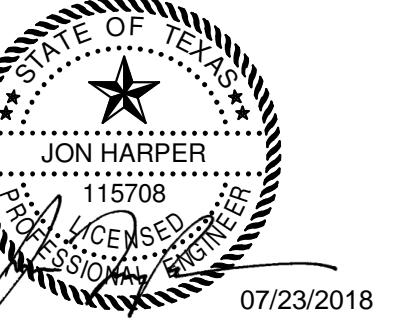


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REVISIONS

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Tx. Registration # F-2113



PROJECT NAME

UTHealth

Jane and Robert Cizik
School of Nursing

The University of Texas
Health Science Center at Houston

**SIMULATION
CENTER**

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE

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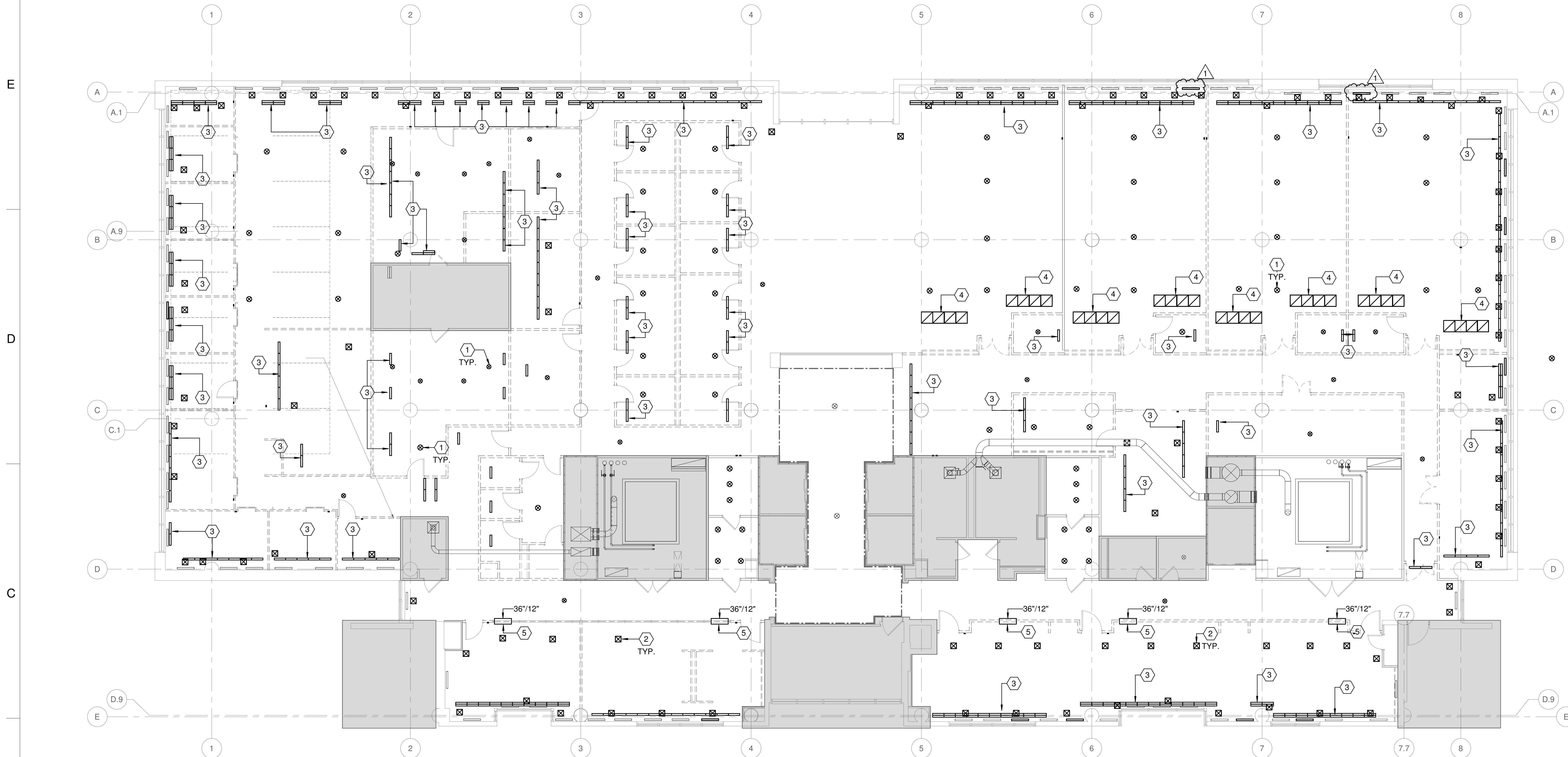
07/02/18

DRAWING TITLE

**MECHANICAL
DEMOLITION FOURTH
FLOOR OVERALL
HVAC PLAN**

DRAWING NUMBER

M1.1



GENERAL NOTES

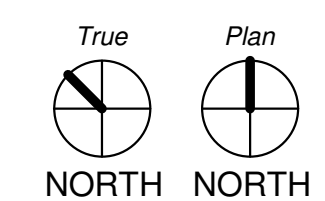
- A. EXISTING EQUIPMENT LOCATIONS AND SIZES ON THE DRAWINGS HAVE BEEN OBTAINED FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND ARE SCHEMATIC IN NATURE. FIELD VERIFY ACTUAL DIMENSIONS AND LOCATIONS BEFORE DEMOLITION.
- B. CONTRACTOR TO REVIEW SHUTDOWN REQUIREMENTS, SITE ACCESS AND WORK HOURS WITH OWNER PRIOR TO SUBMITTING PRICING.
- C. CONTRACTOR TO PROTECT EXISTING MEP EQUIPMENT, PIPING, DUCTS, AND DEVICES TO REMAIN DURING THE DEMOLITION.
- D. OWNER SHALL HAVE FIRST RIGHTS TO ALL EQUIPMENT TO BE REMOVED. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DEMOLITION OF EQUIPMENT TO BE HANDED OVER TO OWNER. REMAINING DEMOLISHED EQUIPMENT SHALL BE PROPERLY DISPOSED OF.
- E. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS TO PATCH HOLES FROM DEMOLISHED DUCTWORK.
- F. ALL EXISTING PNEUMATIC CONTROLS ASSOCIATED WITH DEMOLISHED MEP EQUIPMENT SHALL BE ALSO BE DEMOLISHED.

KEYED NOTES - M1.1

- 1 REMOVE ALL CONSTANT VOLUME AIR DIFFUSER AND FLOOR PANELS NOT USABLE TO BE REPLACED.
- 2 REMOVE ALL VAV FLOOR DIFFUSER AND FLOOR PANELS. RETURN TO OWNER REPRESENTATIVE. CONTRACTOR CAN REUSE FLOOR TILES WITH SQUARE DIFFUSERS PENETRATION AS DESIRED.
- 3 REMOVE EXISTING LINEAR SLOT RETURN AIR GRILLES.
- 4 REMOVE AND REUSE EXISTING RETURN AIR GRILLES THAT ARE IN GOOD CONDITIONS.
- 5 RETURN AIR OPENINGS TO BE DEMOLISHED.

LEGEND

- EXISTING TO REMAIN
- TO BE DEMOLISHED
- NOT IN SCOPE



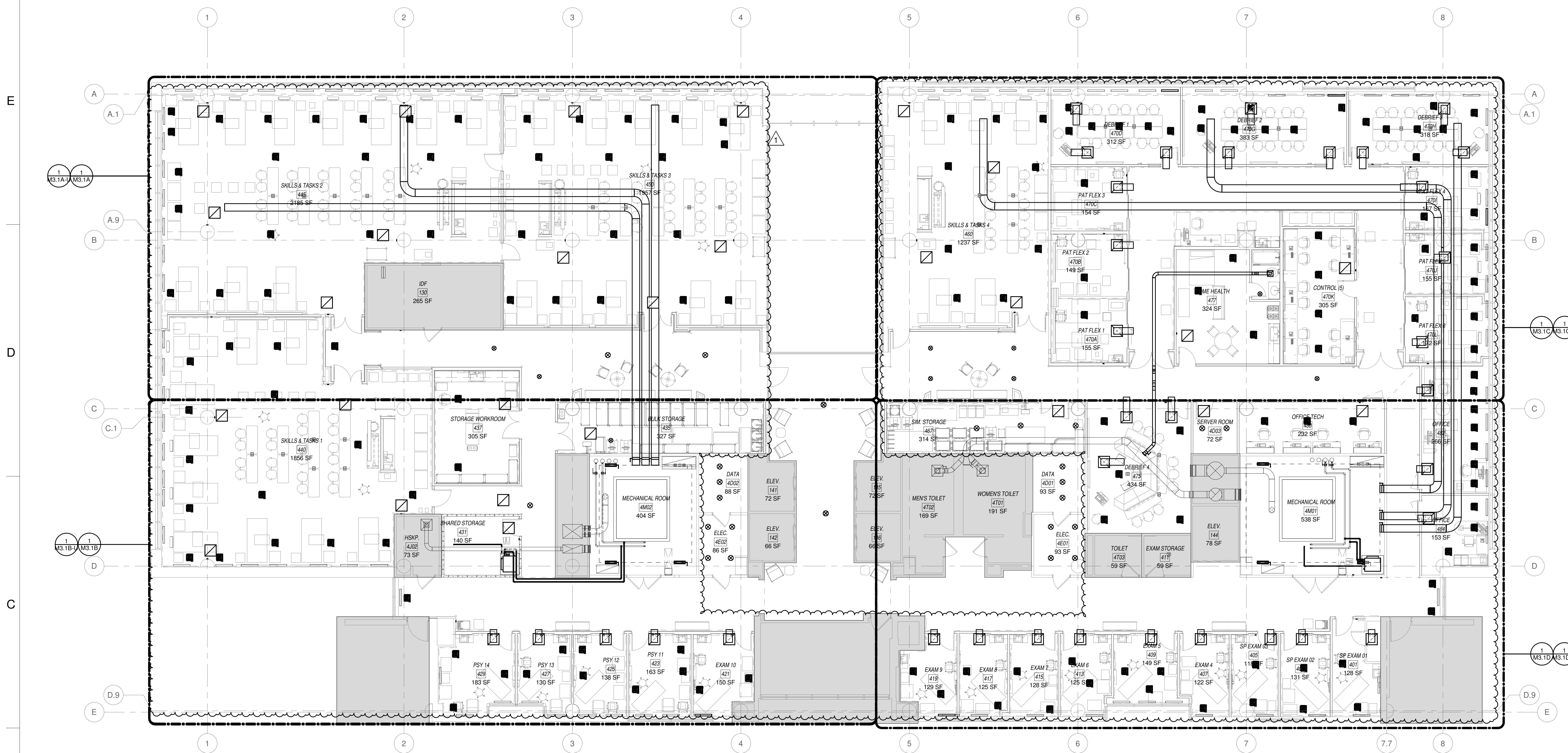
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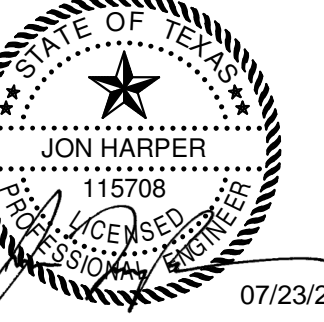
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REVISIONS

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Tx. Registration # F-2113



PROJECT NAME

UTHealth

Jane and Robert Cizik
School of Nursing

The University of Texas
Health Science Center at Houston

**SIMULATION
CENTER**

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE

ISSUE FOR
CONSTRUCTION

DATE

07/02/18

DRAWING TITLE

**MECHANICAL
RENOVATION
FOURTH FLOOR
OVERALL HVAC PLAN**

DRAWING NUMBER

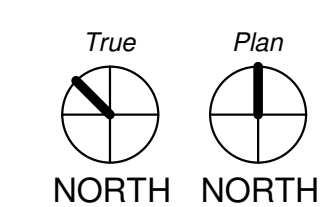
M2.1

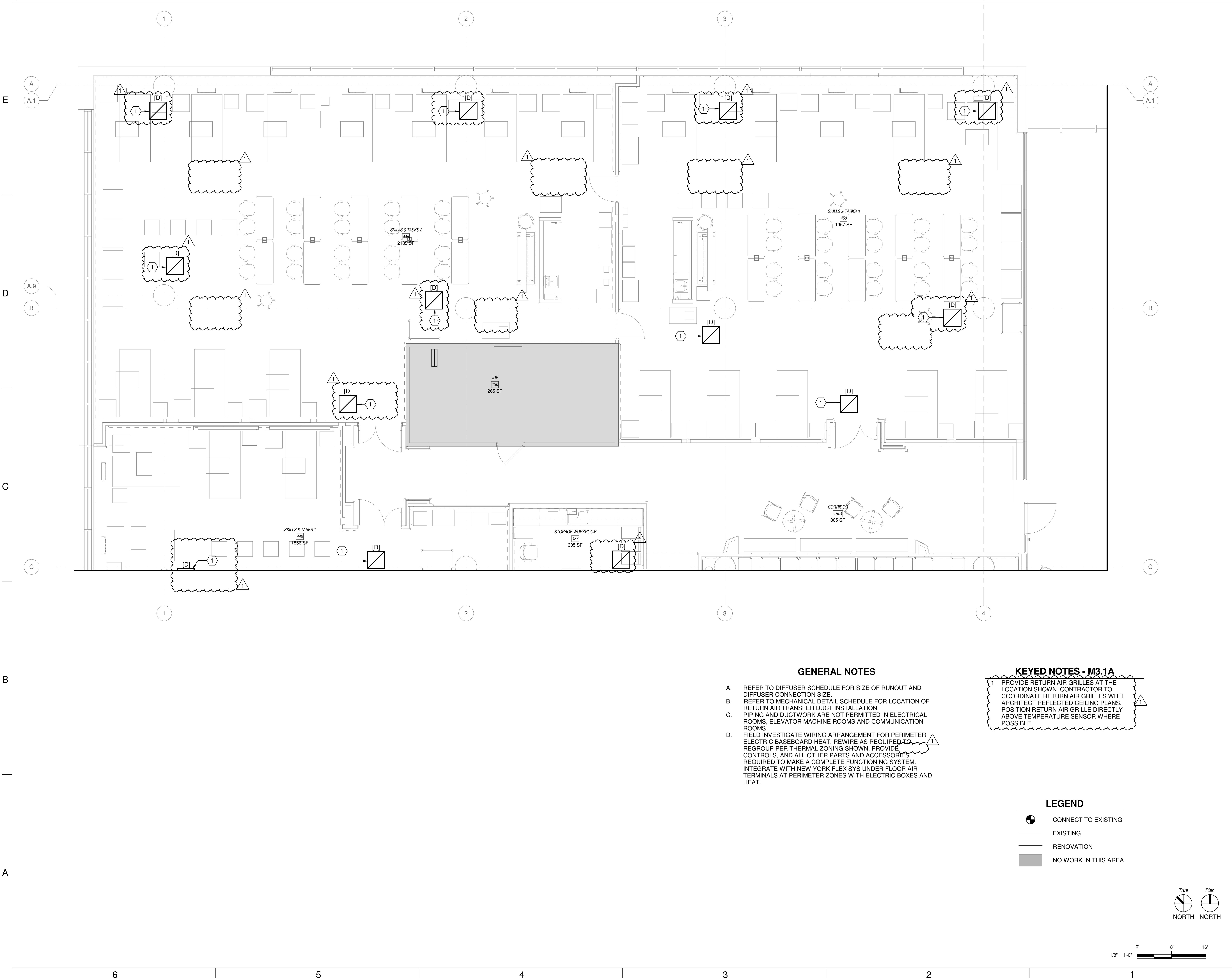
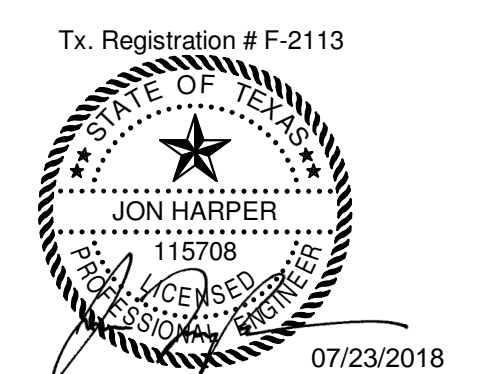
GENERAL NOTES

- A. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.
- B. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA





GENERAL NOTES

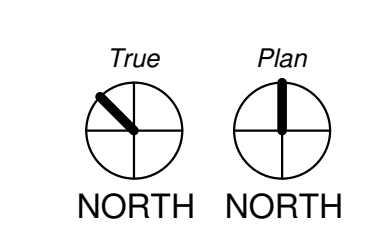
- A. REFER TO DIFFUSER SCHEDULE FOR SIZE OF RUNOUT AND DIFFUSER CONNECTION SIZE.
- B. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF RETURN AIR TRANSFER DUCT INSTALLATION.
- C. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.
- D. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.

KEYED NOTES - M3.1A

1 PROVIDE RETURN AIR GRILLES AT THE LOCATION SHOWN. CONTRACTOR TO COORDINATE RETURN AIR GRILLES WITH ARCHITECT REFLECTED CEILING PLANS. POSITION RETURN AIR GRILLE DIRECTLY ABOVE TEMPERATURE SENSOR WHERE POSSIBLE.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA



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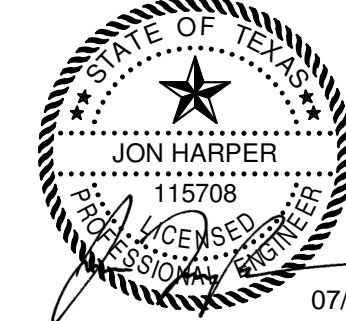


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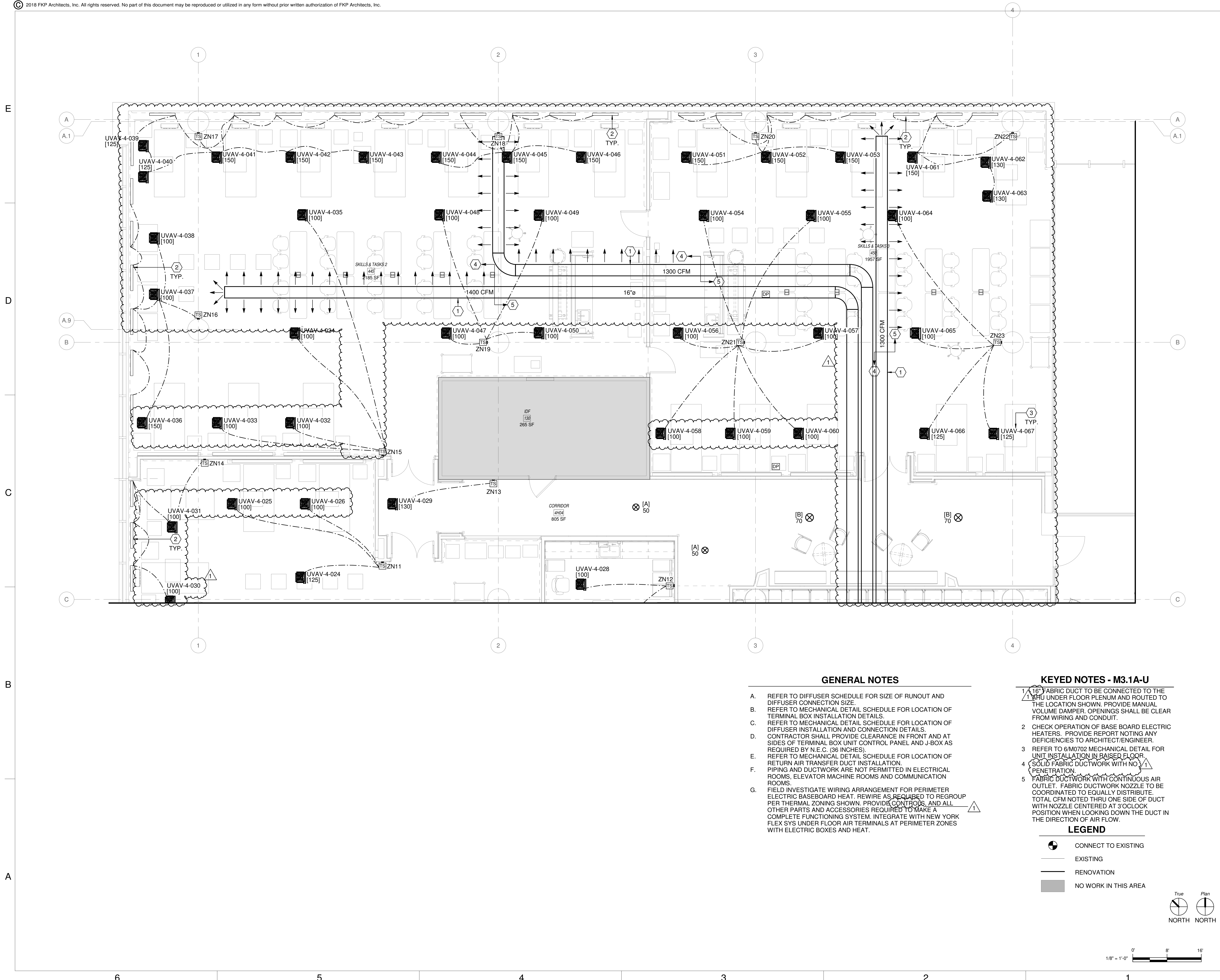
07/02/18

DRAWING TITLE

**MECHANICAL
FOURTH FLOOR UFAD
PLAN - PHASE 1 -
AREA A**

DRAWING NUMBER

M3.1A-U



GENERAL NOTES

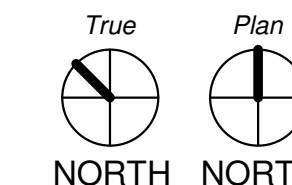
- A. REFER TO DIFFUSER SCHEDULE FOR SIZE OF RUNOUT AND DIFFUSER CONNECTION SIZE.
- B. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF TERMINAL BOX INSTALLATION DETAILS.
- C. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF DIFFUSER INSTALLATION AND CONNECTION DETAILS.
- D. CONTRACTOR SHALL PROVIDE CLEARANCE IN FRONT AND AT SIDES OF TERMINAL BOX UNIT CONTROL PANEL AND J-BOX AS REQUIRED BY N.E.C. (36 INCHES).
- E. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF RETURN AIR TRANSFER DUCT INSTALLATION.
- F. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.
- G. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING HEAT. PROVIDE CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.

KEYED NOTES - M3.1A-U

- 1 16" FABRIC DUCT TO BE CONNECTED TO THE AHU UNDER FLOOR PLENUM AND ROUTED TO THE LOCATION SHOWN. PROVIDE MANUAL VOLUME DAMPER. OPENINGS SHALL BE CLEAR FROM WIRING AND CONDUIT.
- 2 CHECK OPERATION OF BASE BOARD ELECTRIC HEATERS. PROVIDE REPORT NOTING ANY DEFICIENCIES TO ARCHITECT/ENGINEER.
- 3 REFER TO 6/M0702 MECHANICAL DETAIL FOR UNIT INSTALLATION IN RAISED FLOOR.
- 4 SOLID FABRIC DUCTWORK WITH NO PENETRATION.
- 5 FABRIC DUCTWORK WITH CONTINUOUS AIR OUTLET. FABRIC DUCTWORK NOZZLE TO BE COORDINATED TO EQUALLY DISTRIBUTE TOTAL CFM NOTED THRU ONE SIDE OF DUCT WITH NOZZLE CENTERED AT 3'O'CLOCK POSITION WHEN LOOKING DOWN THE DUCT IN THE DIRECTION OF AIR FLOW.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA



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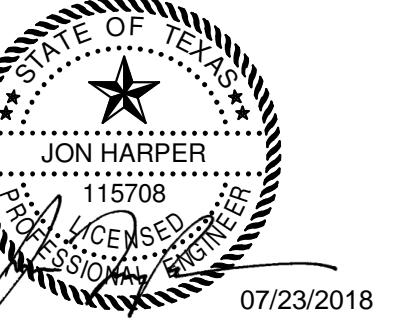


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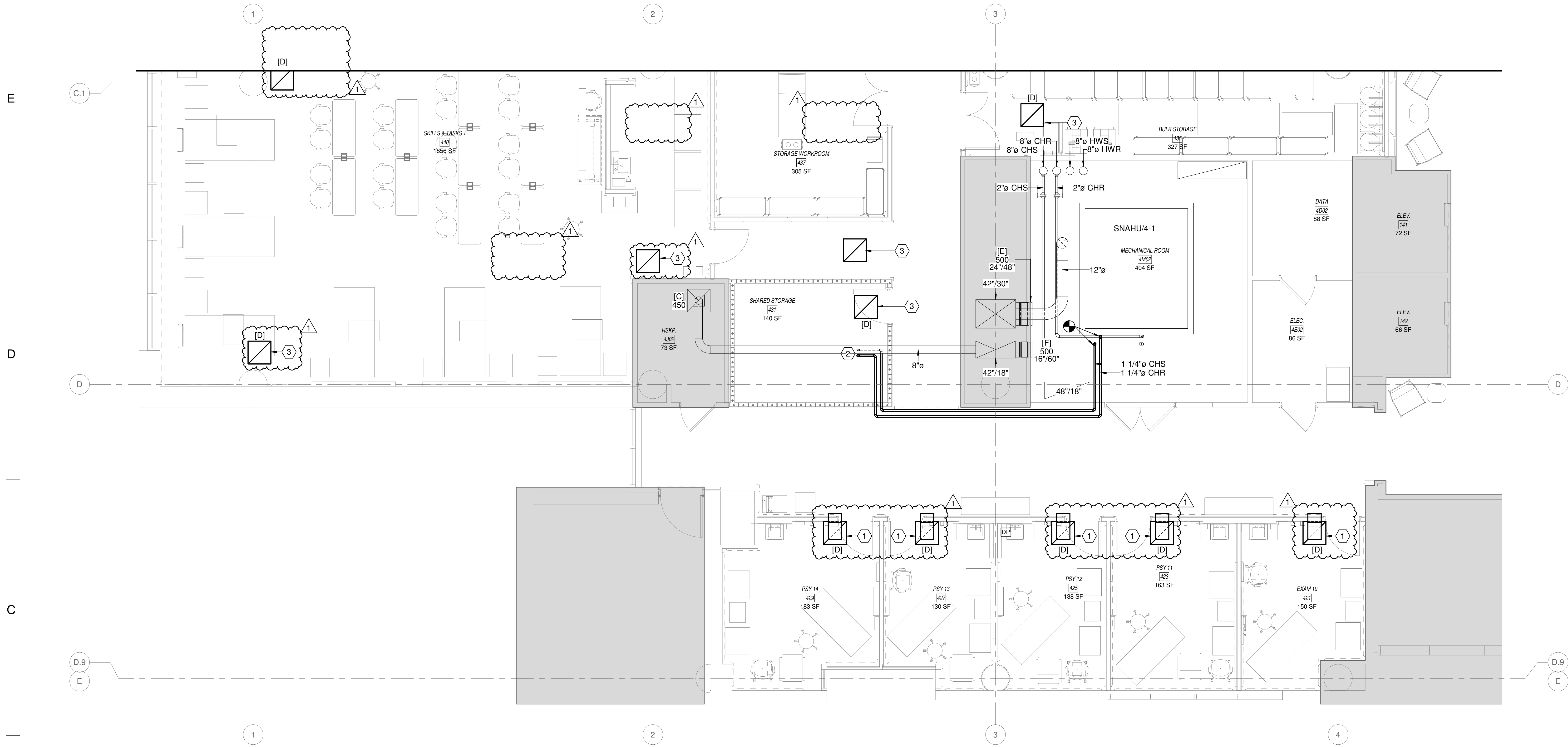
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DRAWING TITLE

**MECHANICAL
FOURTH FLOOR
HVAC PLAN - PHASE 1
- AREA B**

DRAWING NUMBER

M3.1B



GENERAL NOTES

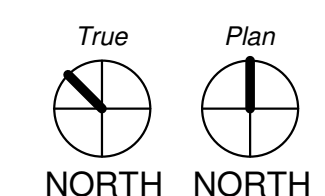
- A. REFER TO DIFFUSER SCHEDULE FOR SIZE OF RUNOUT AND DIFFUSER CONNECTION SIZE.
- B. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF TERMINAL BOX INSTALLATION DETAILS.
- C. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF DIFFUSER INSTALLATION AND CONNECTION DETAILS.
- D. CONTRACTOR SHALL PROVIDE CLEARANCE IN FRONT AND AT SIDES OF TERMINAL BOX UNIT CONTROL PANEL AND J-BOX AS REQUIRED BY N.E.C. (36 INCHES).
- E. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF RETURN AIR TRANSFER DUCT INSTALLATION.
- F. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.
- G. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.

KEYED NOTES - M3.1B

- 1 RETURN AIR GRILLE BOOT OPENING TO BE DIRECTED AWAY FROM CORRIDOR IF WALL NOT TO DECK. REFER TO 4/M0702 DETAIL FOR RETURN AIR GRILLE BOOT DIMENSIONS.
- 2 1 1/4" CHS/R PIPE DOWN TO VERTICAL FAN COIL UNIT FCU-04-01. REFER TO M0302U FOR CONTINUATION. INSULATE AS REQUIRED TO MATCH EXISTING INSULATION. REFER TO MECHANICAL SPECIFICATIONS FOR INSULATION REQUIREMENTS.
- 3 PROVIDE RETURN AIR GRILLES AT THE LOCATION SHOWN. CONTRACTOR TO COORDINATE RETURN AIR GRILLES WITH ARCHITECT REFLECTED CEILING PLANS. POSITION RETURN AIR GRILLE DIRECTLY ABOVE TEMPERATURE SENSOR WHERE POSSIBLE.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA



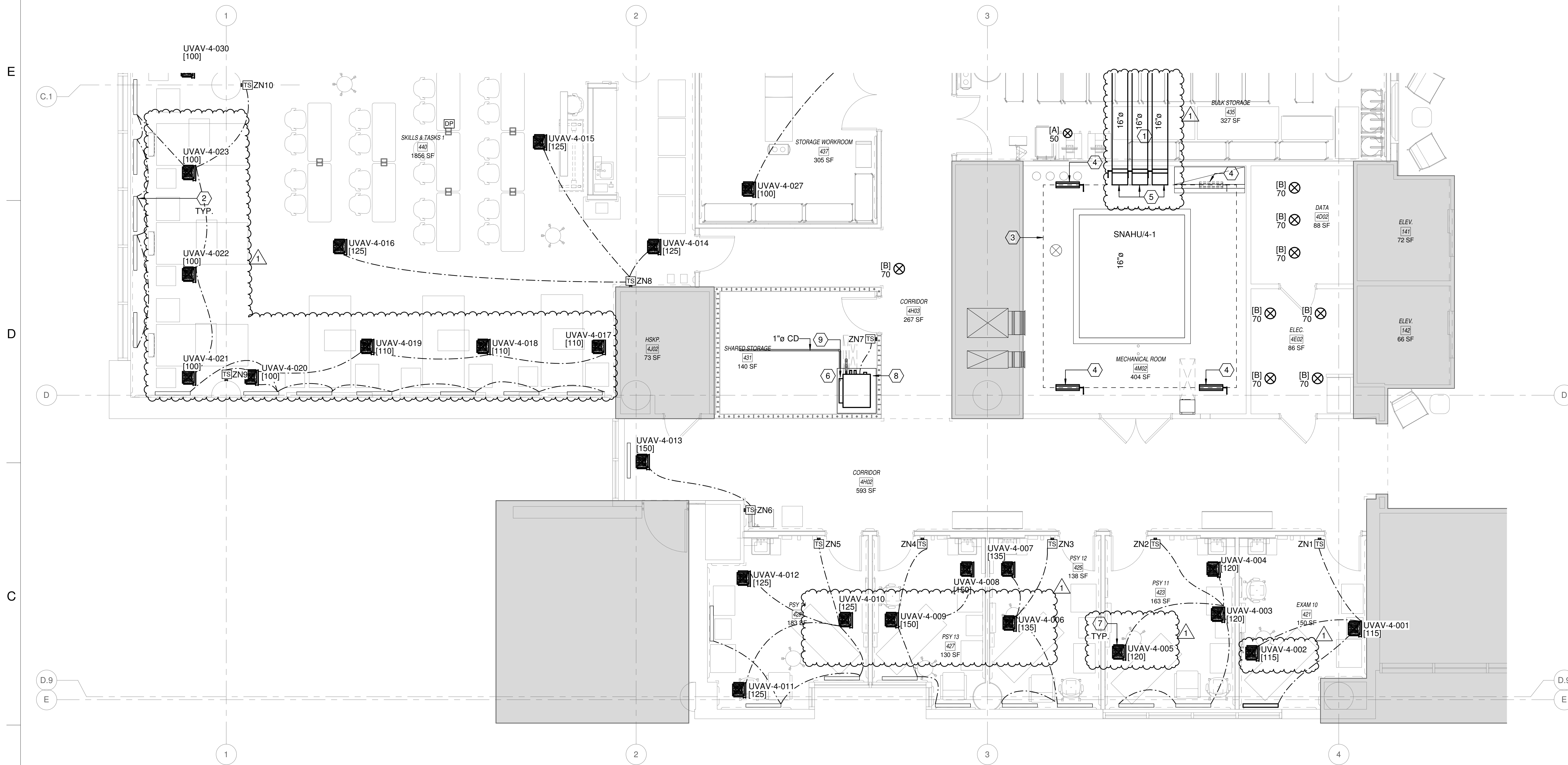
CONSULTANT



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Texas Registered Engineering Firm F-2113

REVISIONS

1 07/24/2018 ADDENDUM NO. 1



GENERAL NOTES

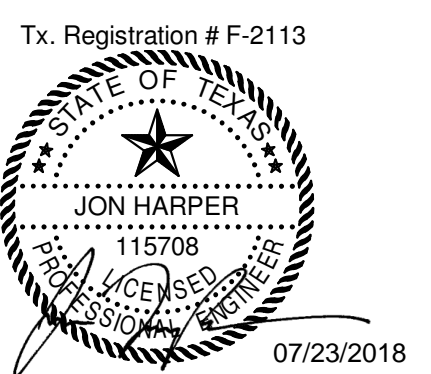
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- C. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF DIFFUSER INSTALLATION AND CONNECTION DETAILS.
- D. CONTRACTOR SHALL PROVIDE CLEARANCE IN FRONT AND AT SIDES OF TERMINAL BOX UNIT CONTROL PANEL AND J-BOX AS REQUIRED BY N.E.C. (36 INCHES).
- E. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF RETURN AIR TRANSFER DUCT INSTALLATION.
- F. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.
- G. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.

KEYED NOTES - M3.1B-U

- 1 SOLID FABRIC DUCTWORK.
- 2 CHECK OPERATION OF BASE BOARD ELECTRIC HEATERS. PROVIDE REPORT NOTING ANY DEFICIENCIES TO ARCHITECT/ENGINEER.
- 3 16" HEIGHT EXISTING SHEET METAL SEPTUM AROUND SNAHU/4-1 PERIMETER.
- 4 24" X 16" EXISTING OPENINGS IN THE PERIMETER SEPTUM. PROVIDE FULL SIZE MANUAL VOLUME DAMPER OPENINGS SHALL BE CLEAR FROM WIRING AND CONDUIT. FIELD VERIFY EXISTING OPENING DIMENSIONS.
- 5 PROVIDE 16" SHEET METAL TAP IN UNDERFLOOR SEPTUM WITH ROUND BALANCE DAMPER. SECURE FABRIC DUCT TO 16" SHEET METAL STUD. SEAL TAP DAMPER, AND FABRIC DUCT CONNECTION AIR TIGHT. FIELD COORDINATE EXACT CONNECTION LOCATION TO AVOID CONFLICTING UTILITIES.
- 6 PROVIDE VERTICAL FAN COIL UNIT AT THE LOCATION SHOWN. REFER TO 5/M0701 FOR FAN COIL UNIT MECHANICAL DETAIL. REFER TO M0702 FOR PIPING DETAIL.
- 7 REFER TO 6/M0702 MECHANICAL DETAIL FOR UNIT INSTALLATION IN RAISED FLOOR.
- 8 PROVIDE DRAIN PAN WITH WATER SENSOR TO SHUTDOWN FCU UPON DETECTION OF WATER AND ALARM BAS.
- 9 FIELD ROUTE FCU CONDENSATE DRAIN TO NEW FLOOR DRAIN IN RAISED FLOOR PANEL. REFER TO PLUMBING PLANS FOR FLOOR DRAIN LOCATION. PROVIDE WATER SENSOR ON CONCRETE FLOOR DIRECTLY BELOW FCU. WATER SENSOR SHALL SHUTDOWN FCU AND ALARM TO BAS UPON DETECTION OF WATER.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA
- True North, Plan North



PROJECT NAME

UTHealth

Jane and Robert Cizik
School of Nursing

The University of Texas
Health Science Center at Houston

**SIMULATION
CENTER**

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE

**ISSUE FOR
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DATE

07/02/18

DRAWING TITLE

**MECHANICAL
FOURTH FLOOR UFAD
PLAN - PHASE 1 -
AREA B**

DRAWING NUMBER

M3.1B-U

CONSULTANT

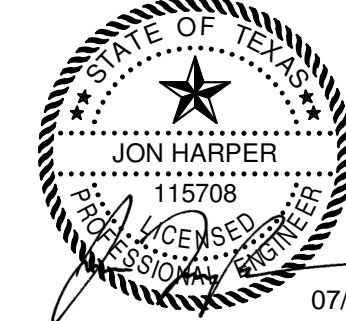


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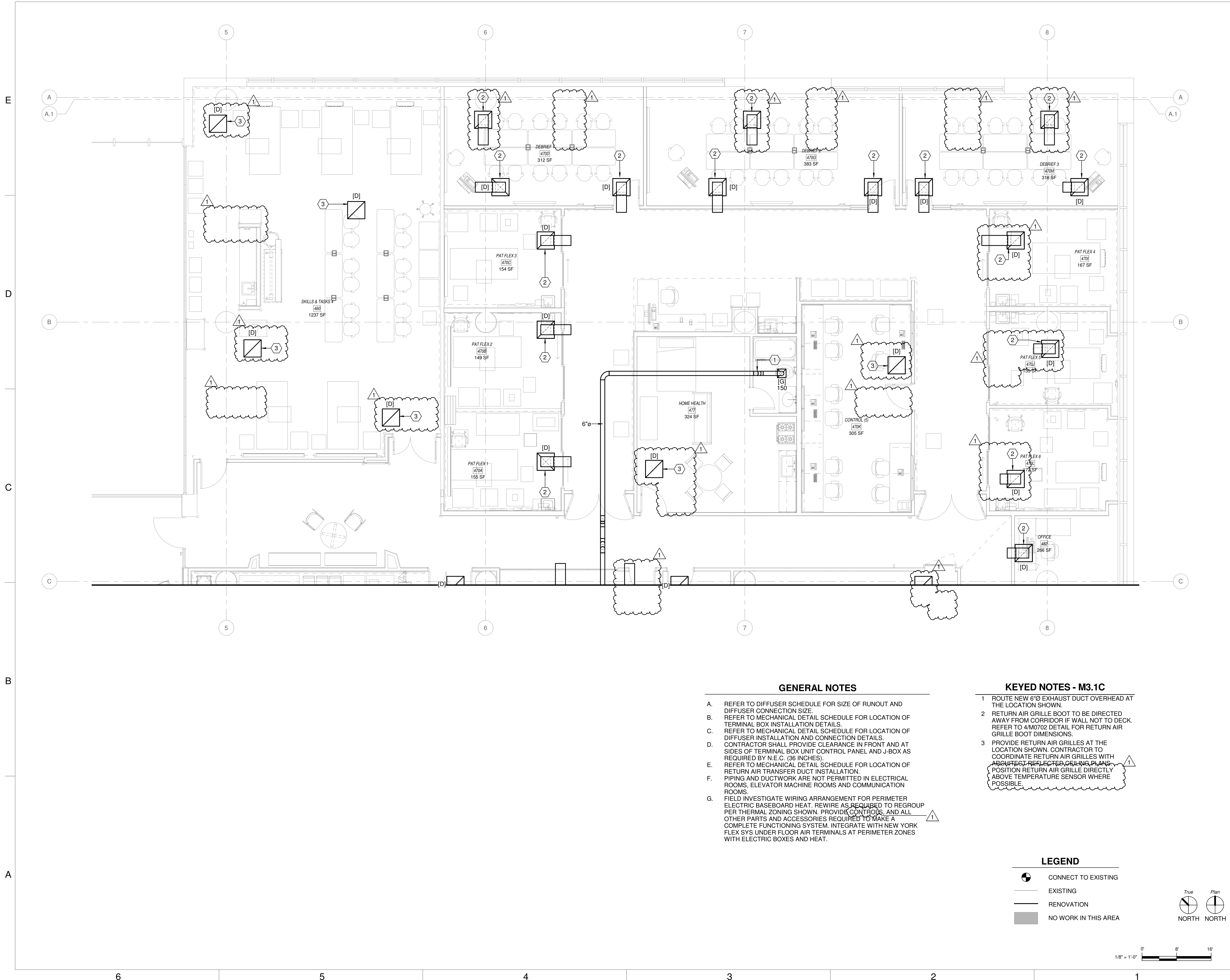
07/02/18

DRAWING TITLE

**MECHANICAL
FOURTH FLOOR
HVAC PLAN - PHASE 2
- AREA A**

DRAWING NUMBER

M3.1C



GENERAL NOTES

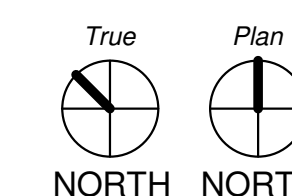
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- G. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.

KEYED NOTES - M3.1C

- 1 ROUTE NEW 6" EXHAUST DUCT OVERHEAD AT THE LOCATION SHOWN.
- 2 RETURN AIR GRILLE BOOT TO BE DIRECTED AWAY FROM CORRIDOR IF WALL NOT TO DECK. REFER TO 4/M0702 DETAIL FOR RETURN AIR GRILLE BOOT DIMENSIONS.
- 3 PROVIDE RETURN AIR GRILLES AT THE LOCATION SHOWN. CONTRACTOR TO COORDINATE RETURN AIR GRILLES WITH ARCHITECT REFLECTED CEILING PLANS. POSITION RETURN AIR GRILLE DIRECTLY ABOVE TEMPERATURE SENSOR WHERE POSSIBLE.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA



CONSULTANT

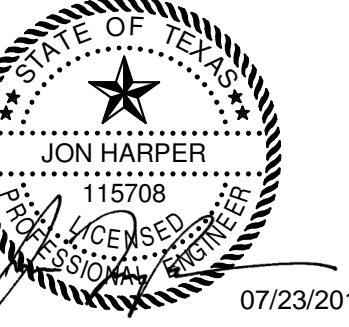


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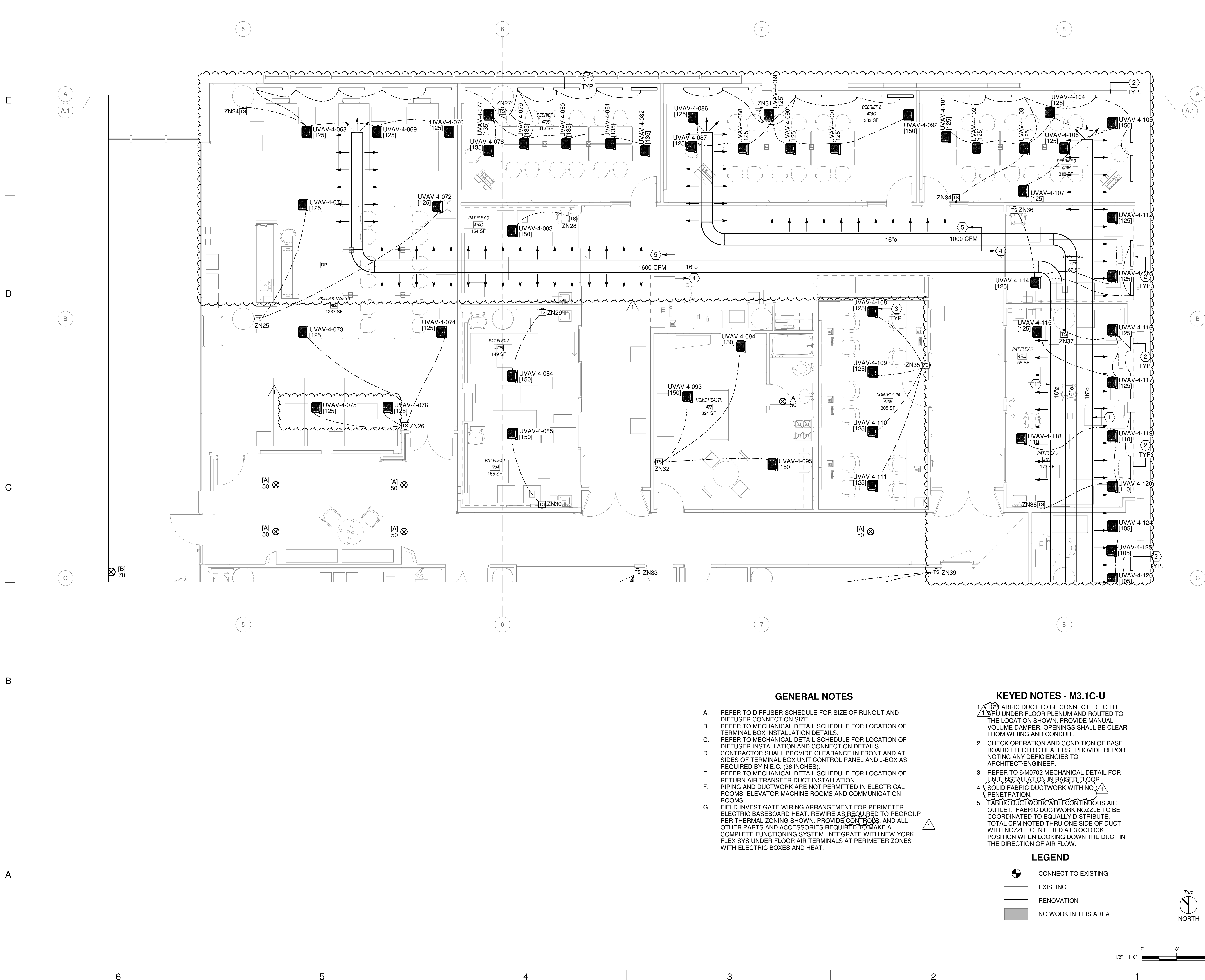
07/02/18

DRAWING TITLE

**MECHANICAL
FOURTH FLOOR UFAD
PLAN - PHASE 2 -
AREA A**

DRAWING NUMBER

M3.1C-U



GENERAL NOTES

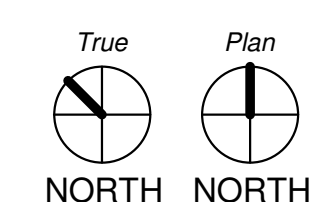
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KEYED NOTES - M3.1C-U

- 1. 16" FABRIC DUCT TO BE CONNECTED TO THE AHU UNDER FLOOR PLENUM AND ROUTED TO THE LOCATION SHOWN. PROVIDE MANUAL VOLUME DAMPER. OPENINGS SHALL BE CLEAR FROM WIRING AND CONDUIT.
- 2. CHECK OPERATION AND CONDITION OF BASE BOARD ELECTRIC HEATERS. PROVIDE REPORT NOTING ANY DEFICIENCIES TO ARCHITECT/ENGINEER.
- 3. REFER TO 6/M0702 MECHANICAL DETAIL FOR UNIT INSTALLATION IN RAISED FLOOR.
- 4. SOLID FABRIC DUCTWORK WITH NO PENETRATION.
- 5. FABRIC DUCTWORK WITH CONTINUOUS AIR OUTLET. FABRIC DUCTWORK NOZZLE TO BE COORDINATED TO EQUALLY DISTRIBUTE. TOTAL CFM NOTED THRU ONE SIDE OF DUCT WITH NOZZLE CENTERED AT 9 O'CLOCK POSITION WHEN LOOKING DOWN THE DUCT IN THE DIRECTION OF AIR FLOW.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA



CONSULTANT

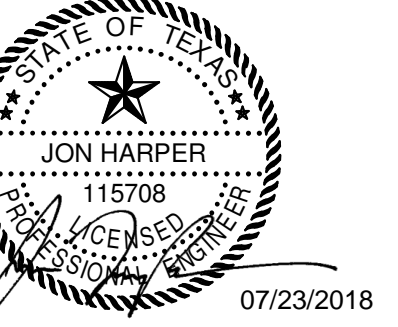


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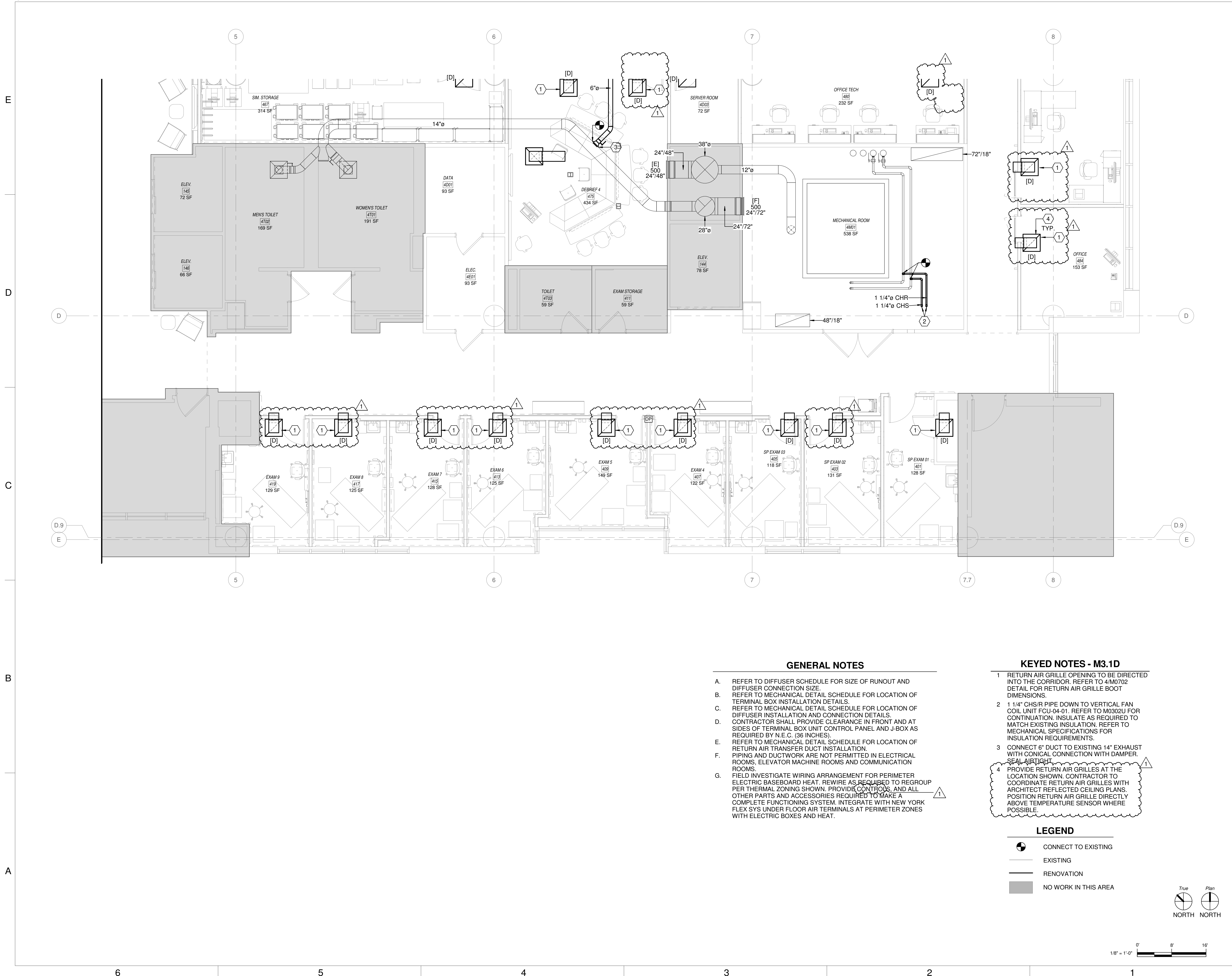
07/02/18

DRAWING TITLE

**MECHANICAL
FOURTH FLOOR
HVAC PLAN - PHASE 2
- AREA B**

DRAWING NUMBER

M3.1D



GENERAL NOTES

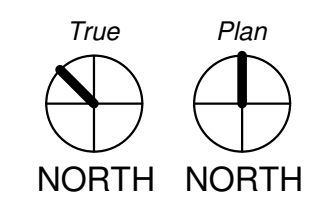
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KEYED NOTES - M3.1D

- 1 RETURN AIR GRILLE OPENING TO BE DIRECTED INTO THE CORRIDOR. REFER TO 4/M0702 DETAIL FOR RETURN AIR GRILLE BOOT DIMENSIONS.
- 2 1 1/4" CHS/R PIPE DOWN TO VERTICAL FAN COIL UNIT FCU-04-01. REFER TO M0302U FOR CONTINUATION. INSULATE AS REQUIRED TO MATCH EXISTING INSULATION. REFER TO MECHANICAL SPECIFICATIONS FOR INSULATION REQUIREMENTS.
- 3 CONNECT 6" DUCT TO EXISTING 14" EXHAUST WITH CONICAL CONNECTION WITH DAMPER. SEAL AIRTIGHT.
- 4 PROVIDE RETURN AIR GRILLES AT THE LOCATION SHOWN. CONTRACTOR TO COORDINATE RETURN AIR GRILLES WITH ARCHITECT REFLECTED CEILING PLANS. POSITION RETURN AIR GRILLE DIRECTLY ABOVE TEMPERATURE SENSOR WHERE POSSIBLE.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA



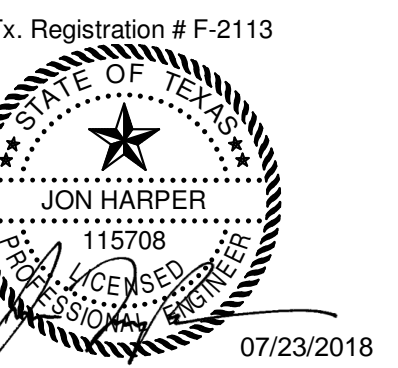
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PROJECT NAME

UTHealth

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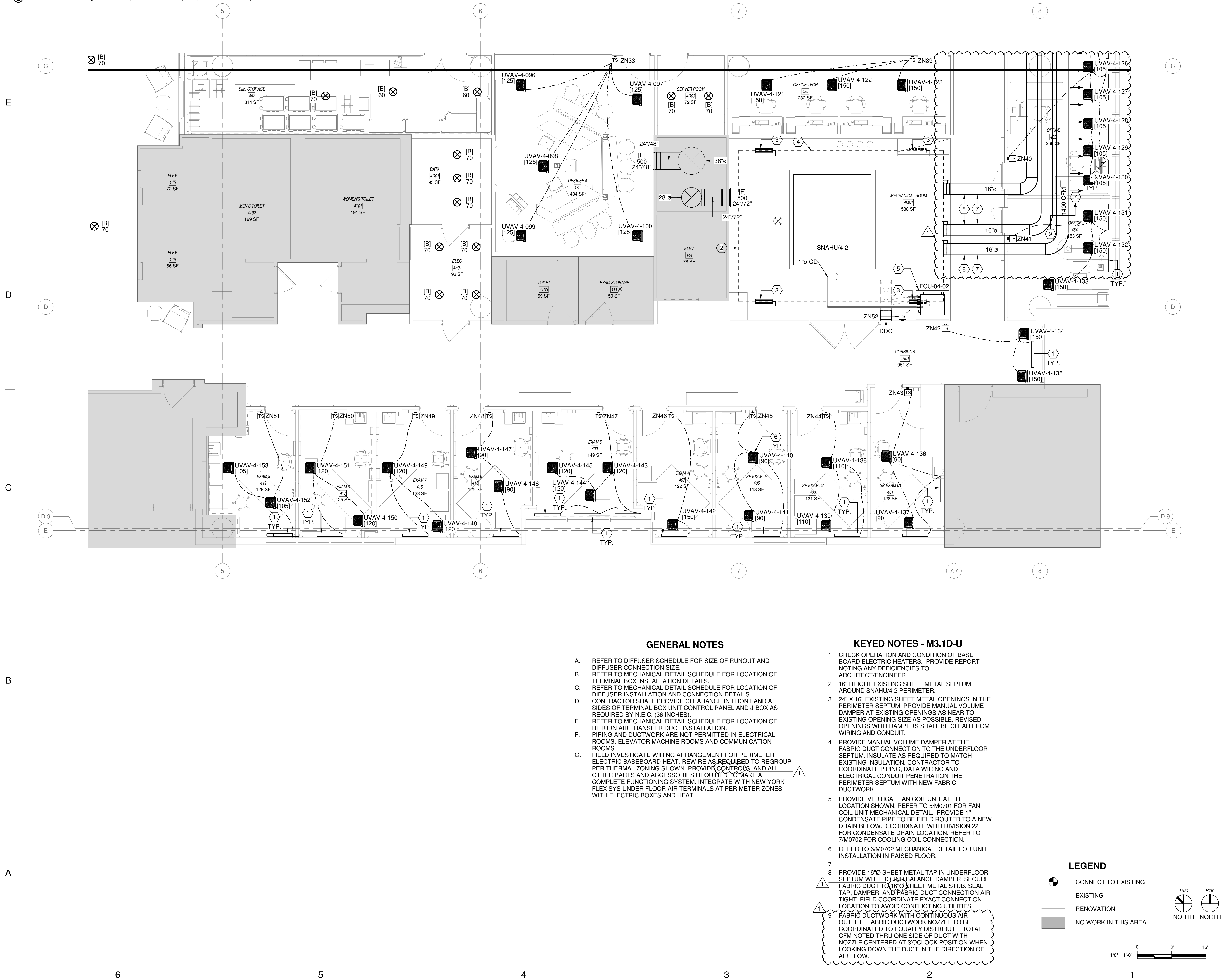
07/02/18

DRAWING TITLE

**MECHANICAL
FOURTH FLOOR UFAD
PLAN - PHASE 2 -
AREA B**

DRAWING NUMBER

M3.1D-U



GENERAL NOTES

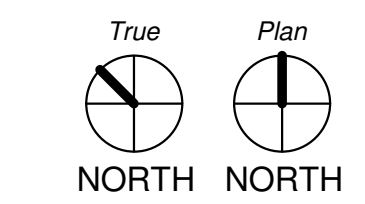
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KEYED NOTES - M3.1D-U

- 1 CHECK OPERATION AND CONDITION OF BASE BOARD ELECTRIC HEATERS. PROVIDE REPORT NOTING ANY DEFICIENCIES TO ARCHITECT/ENGINEER.
- 2 16" HEIGHT EXISTING SHEET METAL SEPTUM AROUND SNAHU/4-2 PERIMETER.
- 3 24" X 16" EXISTING SHEET METAL OPENINGS IN THE PERIMETER SEPTUM. PROVIDE MANUAL VOLUME DAMPER AT EXISTING OPENINGS AS NEAR TO EXISTING OPENING SIZE AS POSSIBLE. REVISED OPENINGS WITH DAMPERS SHALL BE CLEAR FROM WIRING AND CONDUIT.
- 4 PROVIDE MANUAL VOLUME DAMPER AT THE FABRIC DUCT CONNECTION TO THE UNDERFLOOR SEPTUM. INSULATE AS REQUIRED TO MATCH EXISTING INSULATION. CONTRACTOR TO COORDINATE PIPING, DATA WIRING AND ELECTRICAL CONDUIT PENETRATION THE PERIMETER SEPTUM WITH NEW FABRIC DUCTWORK.
- 5 PROVIDE VERTICAL FAN COIL UNIT AT THE LOCATION SHOWN. REFER TO 5/M0701 FOR FAN COIL UNIT MECHANICAL DETAIL. PROVIDE 1" CONDENSATE PIPE TO BE FIELD ROUTED TO A NEW DRAIN BELOW. COORDINATE WITH DIVISION 22 FOR CONDENSATE DRAIN LOCATION. REFER TO 7/M0702 FOR COOLING COIL CONNECTION.
- 6 REFER TO 6/M0702 MECHANICAL DETAIL FOR UNIT INSTALLATION IN RAISED FLOOR.
- 7
- 8 PROVIDE 16" SHEET METAL TAP IN UNDERFLOOR SEPTUM WITH ROUND BALANCE DAMPER. SECURE FABRIC DUCT TO 16" SHEET METAL STUB. SEAL TAP, DAMPER, AND FABRIC DUCT CONNECTION AIR TIGHT. FIELD COORDINATE EXACT CONNECTION LOCATION TO AVOID CONFLICTING UTILITIES.
- 9 FABRIC DUCTWORK WITH CONTINUOUS AIR OUTLET. FABRIC DUCTWORK NOZZLE TO BE COORDINATED TO EQUALLY DISTRIBUTE. TOTAL CFM NOTED THRU ONE SIDE OF DUCT WITH NOZZLE CENTERED AT 3 O'CLOCK POSITION WHEN LOOKING DOWN THE DUCT IN THE DIRECTION OF AIR FLOW.

LEGEND

- CONNECT TO EXISTING
- EXISTING
- RENOVATION
- NO WORK IN THIS AREA



CONSULTANT

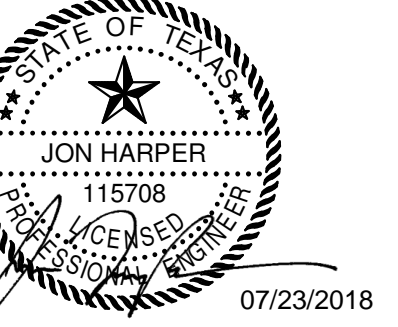


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Tx. Registration # F-2113



PROJECT NAME



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**SIMULATION
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045017.0000

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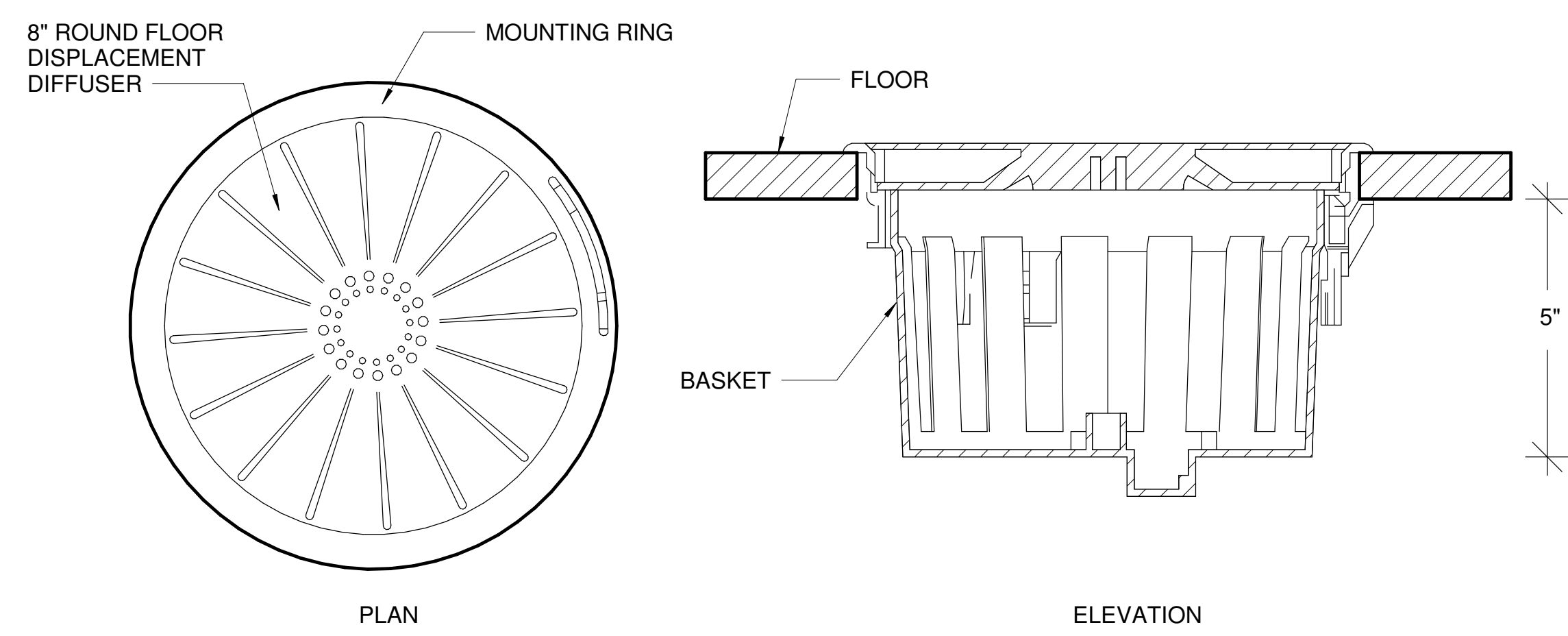
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DRAWING TITLE

**MECHANICAL
DETAILS**

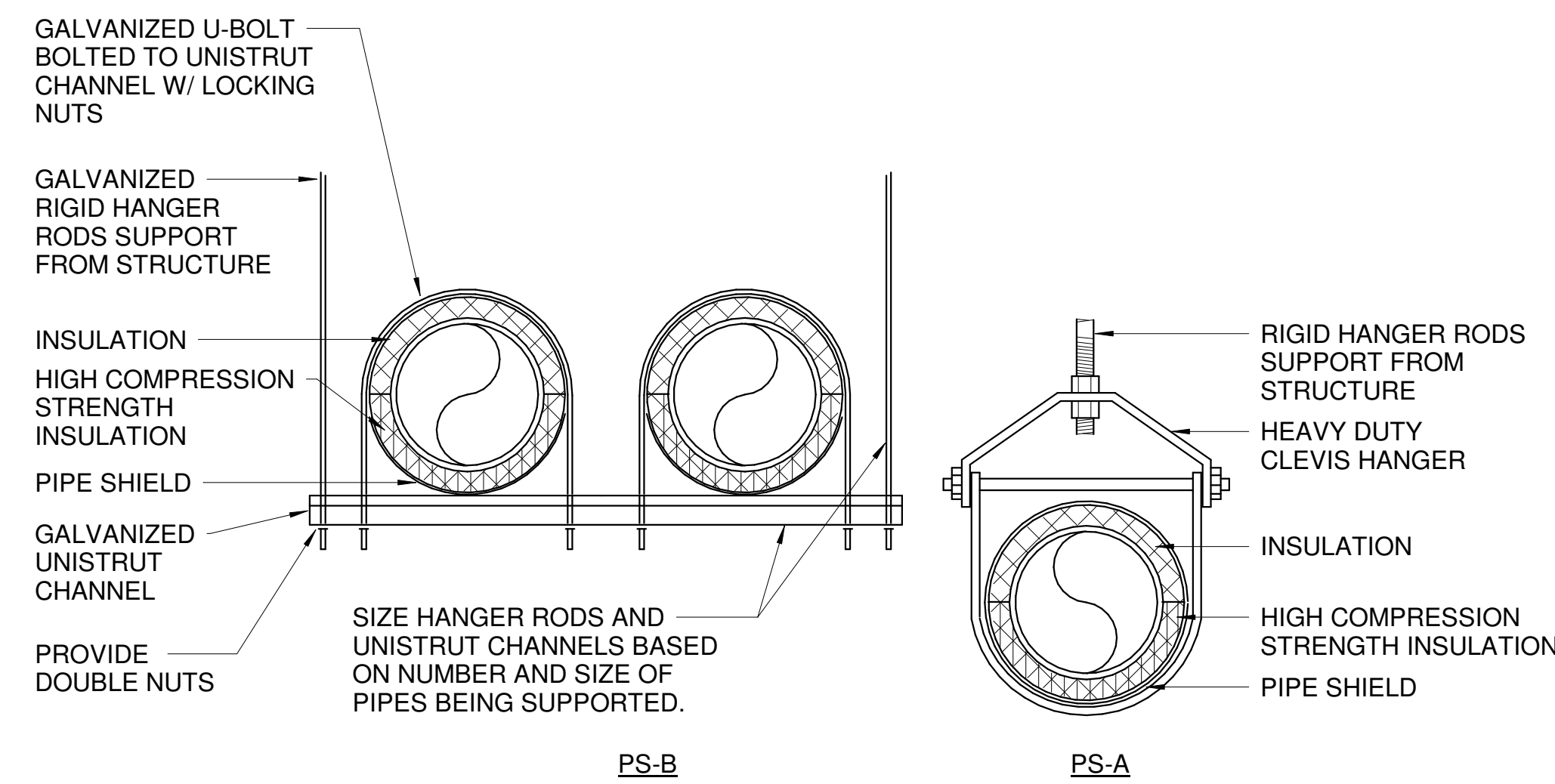
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M7.2

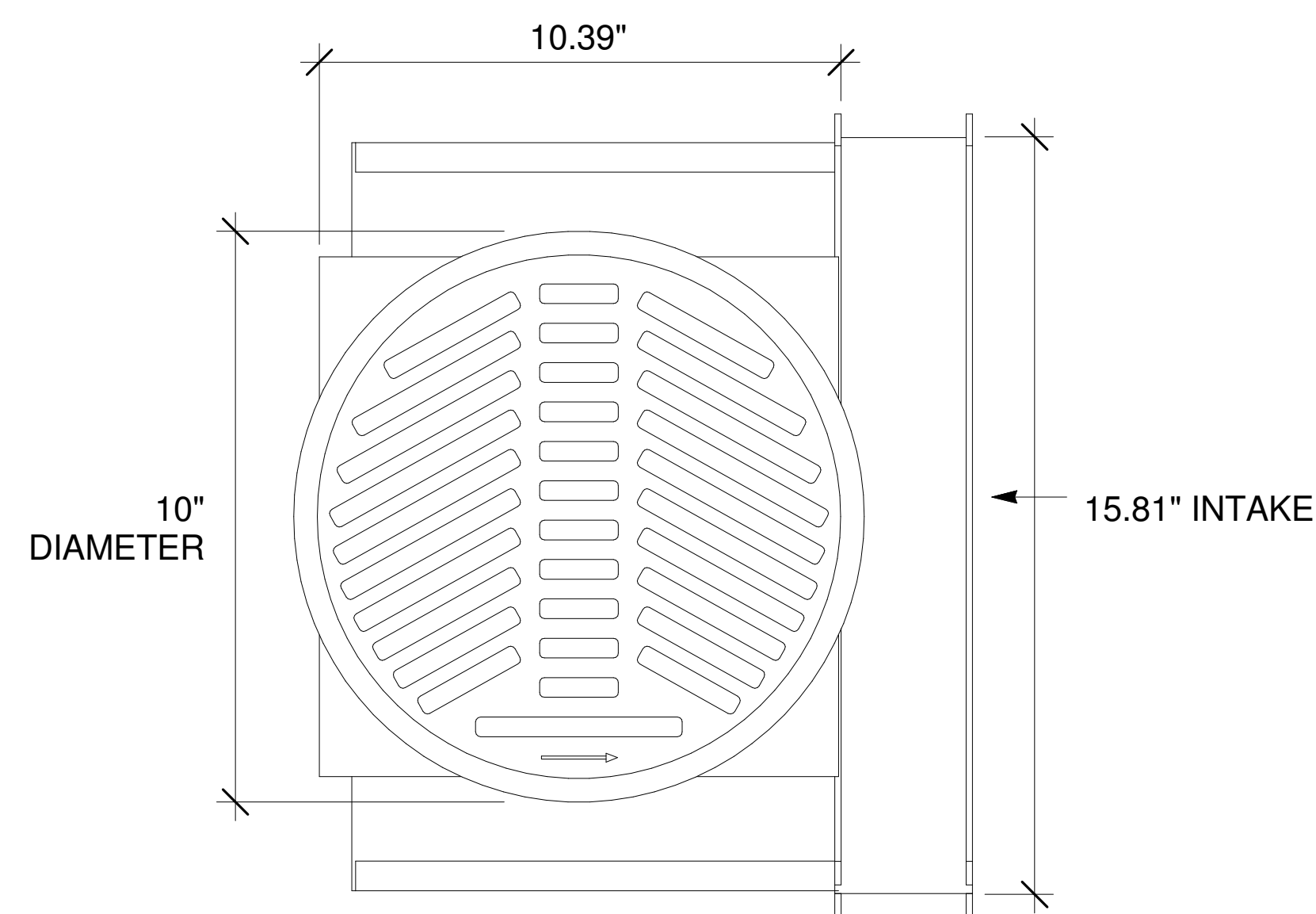


1 FLOOR DISPLACEMENT DIFFUSER DETAIL
NO SCALE

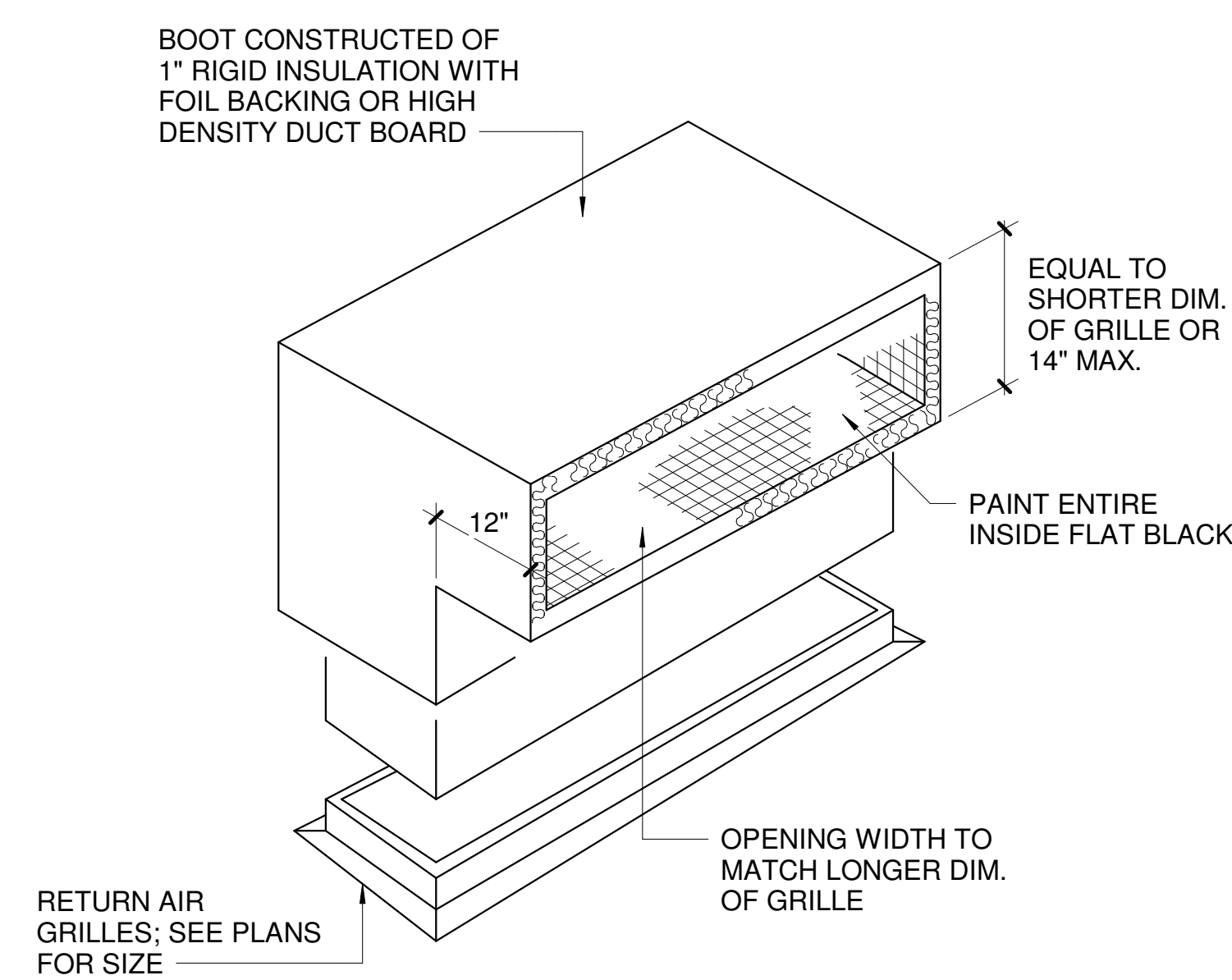
HANGER ROD SCHEDULE (CLEVIS)			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4" thru 5"	5/8"
2 1/2" thru 3"	1/2" DIA.	6" thru 14"	7/8"



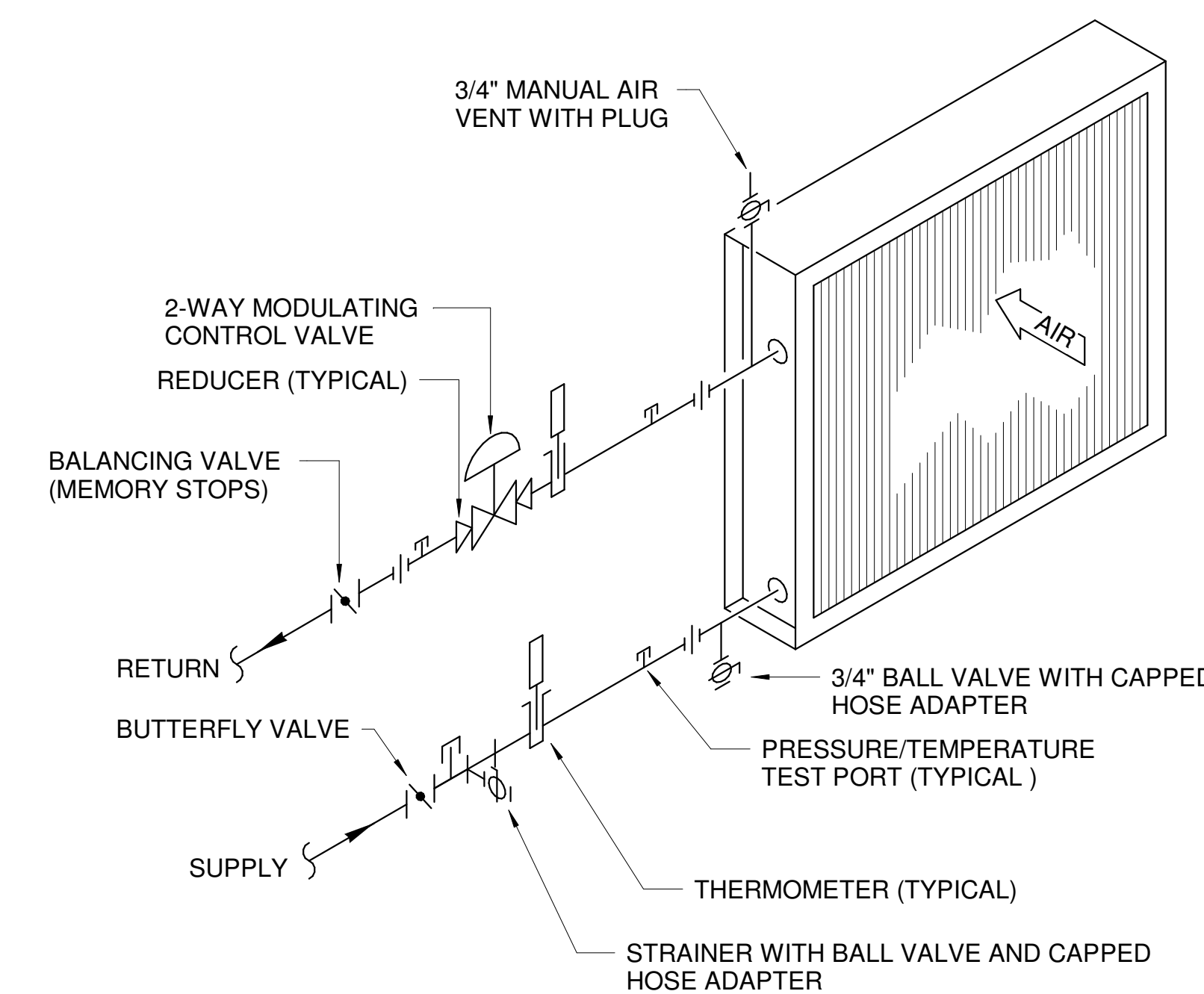
2 TYPICAL PIPE SUPPORT DETAIL
NO SCALE



3 FLOOR DIFFUSER DETAIL
NO SCALE



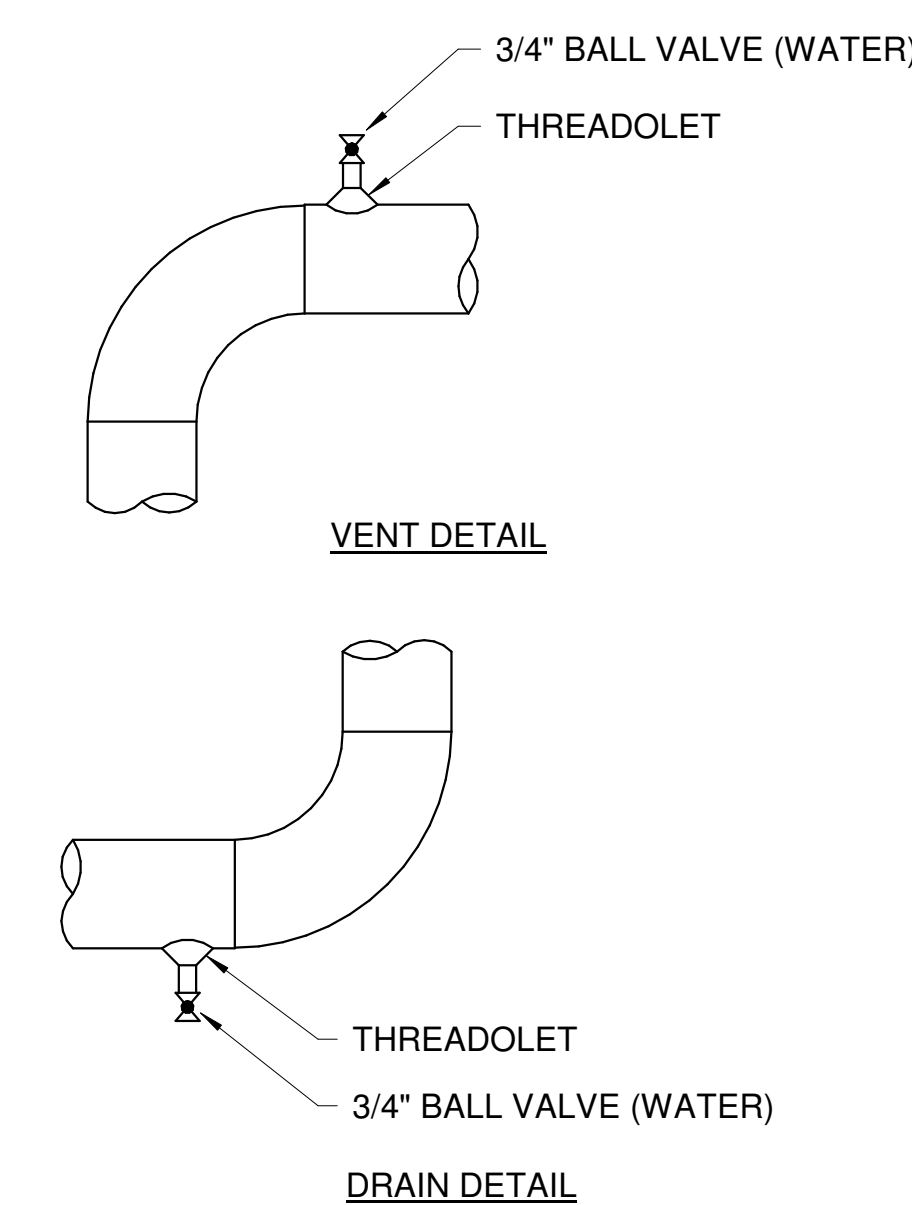
4 RETURN AIR GRILLE BOOT DETAIL
NO SCALE



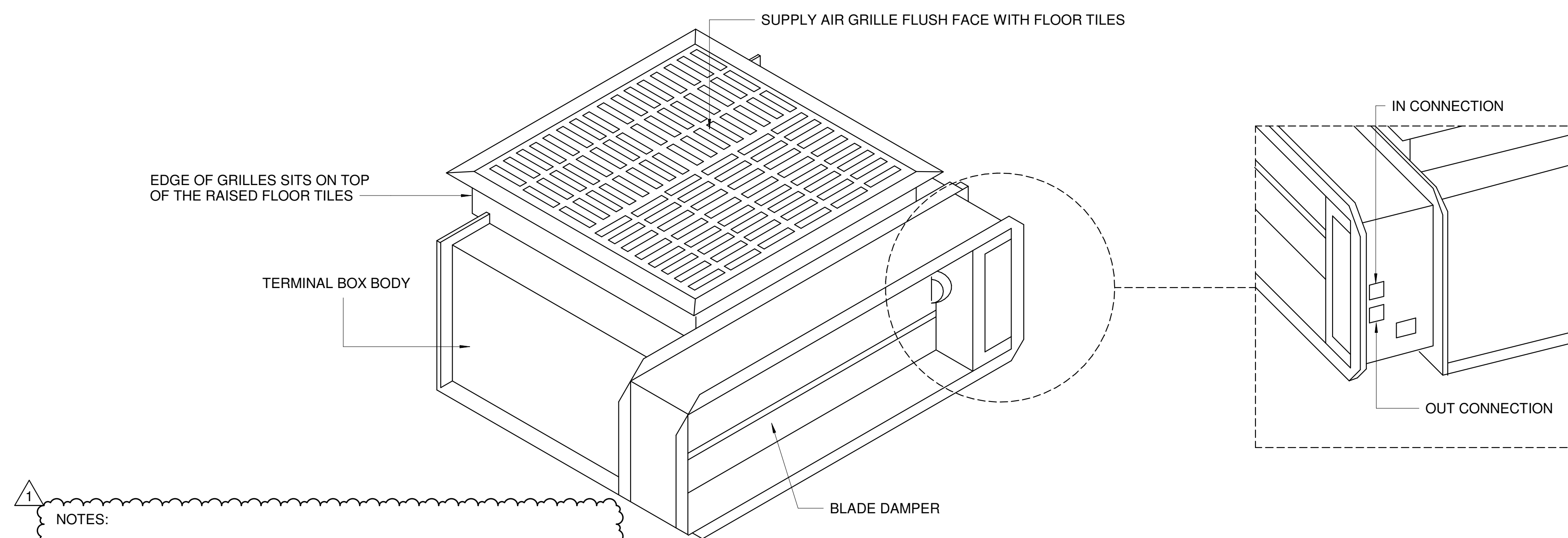
NOTES:

- WHERE PIPE SIZE IS 2" OR SMALLER, PROVIDE BALL VALVE IN LIEU OF BUTTERFLY ISOLATION VALVE.
- INSTALL UNIONS OR FLANGES IN PIPE LOCATIONS OUT OF WAY TO PERMIT COIL REMOVAL.
- FOR TERMINAL AND FAN COIL UNITS PIPING PROVIDE PRESSURE/TEMPERATURE TEST PLUGS ONLY. THERMOMETERS ARE NOT REQUIRED.
- PROVIDE MANUAL AIR VENT AT TERMINAL UNITS.
- PROVIDE REDUCERS AT TERMINAL UNIT COIL CONN. AS REQUIRED.
- CONNECT COILS IN COUNTER FLOW ARRANGEMENT.
- PROVIDE UNIONS OR FLANGES IMMEDIATELY UPSTREAM AND DOWNSTREAM OF CONTROL VALVE.
- 3/4" BALL VALVE WITH CAPPED HOSE ADAPTOR CAN BE OMITTED IF STRAINER IS AT LOW PART OF PIPING.

5 2-WAY CONTROL VALVE COIL CONNECTION DETAIL
NO SCALE



7 DRAIN AND VENT DETAIL
NO SCALE



- NOTES:
- VAV TERMINAL BOX CONTROLS 0-10 VDC.
 - VAV TERMINAL OUTLET SHALL POINT AWAY FROM THE ADJACENT ROOM.

6 UNDERFLOOR TERMINAL BOX ASSEMBLY
NO SCALE

ELECTRICAL ONE-LINE AND CONTROL SYMBOLS		FIRE ALARM SYMBOLS		ABBREVIATIONS		DRAWING LIST - ELECTRICAL	
SURGE SUPPRESSOR, METAL OXIDE VARISTOR (MOV) MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV) AS NOTED POWER TRANSFORMER MOLDED OR INSULATED CASE CIRCUIT BREAKER CIRCUIT BREAKER WITH SHUNT TRIP COIL DISCONNECT SWITCH, NON-FUSIBLE DISCONNECT SWITCH, FUSIBLE FUSE TRANSFER SWITCH CURRENT TRANSFORMER CURRENT TRANSFORMER, ZERO SEQUENCE VOLTAGE OR POWER TRANSFORMER DELTA CONNECTED OPEN DELTA CONNECTED WYE CONNECTED GROUND GROUNDED WYE VIBRATION SWITCH	PROTECTIVE RELAY FUNCTION, ANSI DESIGNATION AS NOTED KEY INTERLOCK SURGE PROTECTIVE DEVICE SPACE HEATER DIGITAL MULTI-METER METER GENERATOR THREE PHASE SIZE AS NOTED MOTOR, THREE-PHASE, HP AS NOTED TWO SPEED MOTOR - HP AS NOTED MOTOR, SINGLE PHASE, HP AS NOTED VARIABLE FREQUENCY DRIVE MAGNETIC MOTOR STARTER OVERLOAD CONTACTOR COIL CONTROL RELAY	CONTACT, NORMALLY OPEN CONTACT, NORMALLY CLOSED INDICATING LAMP, COLOR AS NOTED, R RED, G GREEN, A AMBER, W WHITE SELECTOR SWITCH SELECTOR SWITCH, HAND-OFF-AUTOMATIC SELECTOR SWITCH, ON-OFF NORMALLY OPEN PUSHBUTTON, MOMENTARY CONTACT NORMALLY CLOSED PUSHBUTTON, MAINTAINED CONTACT PUSHBUTTON, MAINTAINED CONTACT PANELBOARD CONTROL PANEL CONNECTION POINT EQUIPMENT ENCLOSURE	MAIN FIRE DETECTION & ALARM PANEL DUCT MOUNTED SMOKE DETECTOR HEAT DETECTOR SMOKE DETECTOR FIRE ALARM VISUAL NOTIFICATION DEVICE FIRE ALARM SPEAKER STROBE MANUAL FIRE ALARM PULL STATION SPEAKER FIRE ALARM SPEAKER STROBE - CEILING MOUNTED FIRE ALARM STROBE - CEILING MOUNTED FIRE ALARM SPEAKER - CEILING MOUNTED	<p>KEYED NOTES SYMBOL (#)</p> <p>COORD</p> <p>CP CONTROL PANEL</p> <p>CPT CONTROL POWER TRANSFORMER</p> <p>CSU COLLEGE STATION UTILITIES</p> <p>CT CURRENT TRANSFORMER, COOLING TOWER</p> <p>CTF COILING TOWER FAN</p> <p>CTR CONTROLLER</p> <p>CU COPPER, CONDENSING UNIT</p> <p>CV CONSTANT VOLUME TERMINAL UNIT</p> <p>CWP CONDENSER WATER PUMP</p> <p>DA DEAERATOR</p> <p>DATAACOM DATA AND/OR COMMUNICATION</p> <p>DB DOUBLE POLE, DOUBLE THROW</p> <p>DC DIRECT CURRENT</p> <p>DCS DISTRIBUTED CONTROL SYSTEM</p> <p>DDC DIRECT DIGITAL CONTROL</p> <p>DEM DEMOLITION</p> <p>DIP DEIONIZED WATER PUMP</p> <p>DIV DIVISION</p> <p>DPST DOUBLE POLE, DOUBLE THROW</p> <p>DPST DOUBLE POLE, SINGLE THROW</p> <p>DWG DRAWING</p> <p>DWP DOMESTIC WATER PUMP</p> <p>E, EM EMERGENCY</p> <p>EA EACH</p> <p>EC EMPTY CONDUIT</p> <p>EDF ELECTRIC DRINKING FOUNTAIN</p> <p>EF EXHAUST FAN</p> <p>EG EQUIPMENT GROUND</p> <p>EGP ELECTRONIC GRADE PANEL</p> <p>ELS EMERGENCY LIFE SAFETY</p> <p>EMS ENERGY MANAGEMENT SYSTEM</p> <p>EMT ELECTRIC METALLIC TUBING</p> <p>EPR ETHYLENE-PROPYLENE RUBBER</p> <p>EWIW ELECTRIC INSTANT WATER HEATER</p> <p>EXIST EXISTING</p> <p>FA FIRE DETECTION AND ALARM SYSTEM</p> <p>FCU FAN COIL UNIT</p> <p>FCV FAN-COIL VOLUME TERMINAL UNIT</p> <p>FLA FULL LOAD AMPS</p> <p>FO FIBER OPTIC(S)</p> <p>FP FIRE PUMP</p> <p>FSD FIRE SMOKE DAMPER</p> <p>FUT FUTURE</p> <p>FVNR FULL VOLTAGE NON-REVERSING</p> <p>FVV FAN-VARIABLE VOLUME TERMINAL UNIT</p> <p>GAOP GEAR AUXILIARY OIL PUMP</p> <p>GEN GENERATOR</p> <p>GFCI GROUND FAULT CIRCUIT INTERRUPTER</p> <p>GFEP GROUND FAULT EQUIPMENT PROTECTION</p> <p>G, GND GROUND</p> <p>GRAP GENERATOR REMOTE ANNUNCIATOR PANEL</p> <p>GWH GAS-FIRED WATER HEATER</p> <p>H HOT</p> <p>HID HIGH INTENSITY DISCHARGE</p> <p>HMT HARMONIC MITIGATING TRANSFORMER</p> <p>HOA HAND OFF AUTOMATIC</p> <p>HP HORSEPOWER</p> <p>HRG HIGH RESISTANCE GROUND</p> <p>HVAC HEATING, VENTILATING, AND AIR CONDITIONING</p> <p>HWC HOT WATER CIRCULATING PUMP</p> <p>HWP HEATING WATER PUMP</p> <p>I/O INPUT/OUTPUT</p> <p>IG ISOLATED GROUND</p> <p>IR INFRARED</p> <p>IS INSTANT START</p> <p>JB JUNCTION BOX</p> <p>K KILO, THOUSAND</p> <p>KA KILOAMPERES</p> <p>KAC THOUSAND AMPERES INTERRUPTING CAPACITY</p> <p>KCMIL THOUSAND CIRCULAR MILS</p> <p>KV KILOVOLT</p> <p>KVA KILOVOLT AMPERES</p> <p>KW KILOWATT</p> <p>KWH KILOWATT-HOUR</p> <p>LTS LIGHTING</p> <p>LC LIGHTING CONTACTOR</p> <p>LCP LIGHTING CONTROL PANEL</p> <p>JUNCTION OR PULLBOX, WALL MOUNTED</p> <p>JUNCTION OR PULLBOX, CEILING MOUNTED</p> <p>JUNCTION OR PULLBOX, FLUSH MOUNTED IN FLOOR OR FLOORBOX AS NOTED ON PLANS</p> <p>POWER POLE</p> <p>DISCONNECT SWITCH, NON FUSIBLE, 30A, 3P UON</p> <p>DISCONNECT SWITCH, FUSIBLE, 30A, 3P UON</p> <p>STARTER, NEMA SIZE '1' UON</p> <p>COMBINATION SWITCH STARTER, NEMA SIZE '1' UON</p> <p>ENCLOSED CIRCUIT BREAKER TYPE AND SIZE AS NOTED</p> <p>RELAY</p> <p>PUSH BUTTON</p> <p>KIRK KEY INTERLOCK</p> <p>BUZZER</p> <p>BELL</p> <p>TRANSFORMER</p> <p>EMERGENCY PANELBOARD-SURFACE MOUNTED</p> <p>EMERGENCY PANELBOARD-FLUSH MOUNTED</p> <p>GROUND ROD</p> <p>GROUNDING SYSTEM TEST WELL</p> <p>LIGHTNING PROTECTION AIR TERMINAL</p> <p>DIGITAL MULTI-METER</p> <p>CONDUIT EXPOSED</p> <p>CONDUIT EMBEDDED</p> <p>CONDUIT CAPPED</p> <p>CONDUIT TURNED DOWN</p> <p>CONDUIT TURNED UP</p> <p>HOMERUN - ONE PHASE - ONE NEUTRAL, ONE GROUNDING CONDUCTOR</p> <p>HOMERUN - TWO PHASE, ZERO, ONE OR TWO NEUTRAL AS SCHEDULED IN PANELBOARD SCHEDULE ONE GROUNDING CONDUCTOR</p> <p>HOMERUN - THREE PHASE, ZERO, ONE OR THREE NEUTRAL AS SCHEDULED IN PANELBOARD SCHEDULE, ONE GROUNDING CONDUCTOR</p> <p>MOTOR SINGLE PHASE - HP AS NOTED</p> <p>MOTOR THREE PHASE - HP AS NOTED</p> <p>EXISTING PANELBOARD SURFACE MOUNTED</p> <p>EXISTING PANELBOARD FLUSH MOUNTED</p> <p>LIGHTING AND APPLIANCE BRANCH CIRCUIT PANELBOARD - SURFACE MOUNTED</p> <p>LIGHTING AND APPLIANCE BRANCH CIRCUIT PANELBOARD - FLUSH MOUNTED</p> <p>POWER/DISTRIBUTION PANELBOARD - SURFACE MOUNTED</p> <p>POWER/DISTRIBUTION PANELBOARD - FLUSH MOUNTED</p> <p>EMERGENCY PANELBOARD-SURFACE MOUNTED</p> <p>EMERGENCY PANELBOARD-FLUSH MOUNTED</p> <p>EXISTING FLOOR BOX</p> <p>QUADRUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>DUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>FIRE ALARM WALL VISUAL STROBE</p> <p>FIRE ALARM WALL VISUAL / AUDIO STROBE</p> <p>FIRE ALARM CEILING AUDIO DEVICE</p> <p># SUBSCRIPT DENOTES QUANTITY</p>	<p>A, AMP AMPERES</p> <p>AC ALTERNATING CURRENT, AIR COMPRESSOR</p> <p>ACC AIR COOLED CHILLER</p> <p>AD AIR DRYER</p> <p>AF AMPERE FRAME</p> <p>AFB ABOVE FINISHED FLOOR</p> <p>AFG ABOVE FINISHED GRADE</p> <p>AHU AIR HANDLING UNIT</p> <p>AIC AMPERES INTERRUPTING CAPACITY</p> <p>AL ALUMINUM</p> <p>ARCH ARCHITECT, ARCHITECTURAL</p> <p>AT AMPERE TRIP</p> <p>ATS AUTOMATIC TRANSFER SWITCH</p> <p>AUX AUXILIARY</p> <p>AV AUDIO VISUAL</p> <p>AWG AMERICAN WIRE GAUGE</p> <p>B BOILER</p> <p>BF BALLAST FACTOR</p> <p>BAS BUILDING AUTOMATION SYSTEM</p> <p>BOP BOILER CONTROL PANEL</p> <p>BFP BOILER FEEDWATER PUMP</p> <p>BKR BREAKER</p> <p>BLDG BUILDING</p> <p>BDFD BOILER FORCED DRAFT FAN</p> <p>BIDF BOILER INDUCED DRAFT FAN</p> <p>CL CENTERLINE</p> <p>C CONDUIT</p> <p>CAFS CLEAN AGENT FIRE SUPPRESSION SYSTEM</p> <p>CAOP CHILLER AUXILIARY OIL PUMP</p> <p>CATV CABLE TELEVISION SYSTEM</p> <p>CB CIRCUIT BREAKER</p> <p>CCP CHILLER CONTROL PANEL</p> <p>CCTV CLOSED CIRCUIT TELEVISION SYSTEM</p> <p>CDP CONDENSATE PUMP</p> <p>CH CHILLER</p> <p>CHP CHILLED WATER PUMP</p> <p>CKT CIRCUIT</p> <p>CLG CEILING</p> <p>CMH COMMUNICATIONS MANHOLE</p> <p>COAX COAXIAL CABLE</p> <p>CONT CONTINUATION</p> <p>COORD COORDINATION/COORDINATE</p> <p>CP CONTROL PANEL</p> <p>CPT CONTROL POWER TRANSFORMER</p> <p>CSU COLLEGE STATION UTILITIES</p> <p>CT CURRENT TRANSFORMER, COOLING TOWER</p> <p>CTF COILING TOWER FAN</p> <p>CTR CONTROLLER</p> <p>CU COPPER, CONDENSING UNIT</p> <p>CV CONSTANT VOLUME TERMINAL UNIT</p> <p>CWP CONDENSER WATER PUMP</p> <p>DA DEAERATOR</p> <p>DATAACOM DATA AND/OR COMMUNICATION</p> <p>DB DOUBLE POLE, DOUBLE THROW</p> <p>DC DIRECT CURRENT</p> <p>DCS DISTRIBUTED CONTROL SYSTEM</p> <p>DDC DIRECT DIGITAL CONTROL</p> <p>DEM DEMOLITION</p> <p>DIP DEIONIZED WATER PUMP</p> <p>DIV DIVISION</p> <p>DPST DOUBLE POLE, DOUBLE THROW</p> <p>DPST DOUBLE POLE, SINGLE THROW</p> <p>DWG DRAWING</p> <p>DWP DOMESTIC WATER PUMP</p> <p>E, EM EMERGENCY</p> <p>EA EACH</p> <p>EC EMPTY CONDUIT</p> <p>EDF ELECTRIC DRINKING FOUNTAIN</p> <p>EF EXHAUST FAN</p> <p>EG EQUIPMENT GROUND</p> <p>EGP ELECTRONIC GRADE PANEL</p> <p>ELS EMERGENCY LIFE SAFETY</p> <p>EMS ENERGY MANAGEMENT SYSTEM</p> <p>EMT ELECTRIC METALLIC TUBING</p> <p>EPR ETHYLENE-PROPYLENE RUBBER</p> <p>EWIW ELECTRIC INSTANT WATER HEATER</p> <p>EXIST EXISTING</p> <p>FA FIRE DETECTION AND ALARM SYSTEM</p> <p>FCU FAN COIL UNIT</p> <p>FCV FAN-COIL VOLUME TERMINAL UNIT</p> <p>FLA FULL LOAD AMPS</p> <p>FO FIBER OPTIC(S)</p> <p>FP FIRE PUMP</p> <p>FSD FIRE SMOKE DAMPER</p> <p>FUT FUTURE</p> <p>FVNR FULL VOLTAGE NON-REVERSING</p> <p>FVV FAN-VARIABLE VOLUME TERMINAL UNIT</p> <p>GAOP GEAR AUXILIARY OIL PUMP</p> <p>GEN GENERATOR</p> <p>GFCI GROUND FAULT CIRCUIT INTERRUPTER</p> <p>GFEP GROUND FAULT EQUIPMENT PROTECTION</p> <p>G, GND GROUND</p> <p>GRAP GENERATOR REMOTE ANNUNCIATOR PANEL</p> <p>GWH GAS-FIRED WATER HEATER</p> <p>H HOT</p> <p>HID HIGH INTENSITY DISCHARGE</p> <p>HMT HARMONIC MITIGATING TRANSFORMER</p> <p>HOA HAND OFF AUTOMATIC</p> <p>HP HORSEPOWER</p> <p>HRG HIGH RESISTANCE GROUND</p> <p>HVAC HEATING, VENTILATING, AND AIR CONDITIONING</p> <p>HWC HOT WATER CIRCULATING PUMP</p> <p>HWP HEATING WATER PUMP</p> <p>I/O INPUT/OUTPUT</p> <p>IG ISOLATED GROUND</p> <p>IR INFRARED</p> <p>IS INSTANT START</p> <p>JB JUNCTION BOX</p> <p>K KILO, THOUSAND</p> <p>KA KILOAMPERES</p> <p>KAC THOUSAND AMPERES INTERRUPTING CAPACITY</p> <p>KCMIL THOUSAND CIRCULAR MILS</p> <p>KV KILOVOLT</p> <p>KVA KILOVOLT AMPERES</p> <p>KW KILOWATT</p> <p>KWH KILOWATT-HOUR</p> <p>LTS LIGHTING</p> <p>LC LIGHTING CONTACTOR</p> <p>LCP LIGHTING CONTROL PANEL</p> <p>JUNCTION OR PULLBOX, WALL MOUNTED</p> <p>JUNCTION OR PULLBOX, CEILING MOUNTED</p> <p>JUNCTION OR PULLBOX, FLUSH MOUNTED IN FLOOR OR FLOORBOX AS NOTED ON PLANS</p> <p>POWER POLE</p> <p>DISCONNECT SWITCH, NON FUSIBLE, 30A, 3P UON</p> <p>DISCONNECT SWITCH, FUSIBLE, 30A, 3P UON</p> <p>STARTER, NEMA SIZE '1' UON</p> <p>COMBINATION SWITCH STARTER, NEMA SIZE '1' UON</p> <p>ENCLOSED CIRCUIT BREAKER TYPE AND SIZE AS NOTED</p> <p>RELAY</p> <p>PUSH BUTTON</p> <p>KIRK KEY INTERLOCK</p> <p>BUZZER</p> <p>BELL</p> <p>TRANSFORMER</p> <p>EMERGENCY PANELBOARD-SURFACE MOUNTED</p> <p>EMERGENCY PANELBOARD-FLUSH MOUNTED</p> <p>GROUND ROD</p> <p>GROUNDING SYSTEM TEST WELL</p> <p>LIGHTNING PROTECTION AIR TERMINAL</p> <p>DIGITAL MULTI-METER</p> <p>CONDUIT EXPOSED</p> <p>CONDUIT EMBEDDED</p> <p>CONDUIT CAPPED</p> <p>CONDUIT TURNED DOWN</p> <p>CONDUIT TURNED UP</p> <p>HOMERUN - ONE PHASE - ONE NEUTRAL, ONE GROUNDING CONDUCTOR</p> <p>HOMERUN - TWO PHASE, ZERO, ONE OR TWO NEUTRAL AS SCHEDULED IN PANELBOARD SCHEDULE ONE GROUNDING CONDUCTOR</p> <p>HOMERUN - THREE PHASE, ZERO, ONE OR THREE NEUTRAL AS SCHEDULED IN PANELBOARD SCHEDULE, ONE GROUNDING CONDUCTOR</p> <p>MOTOR SINGLE PHASE - HP AS NOTED</p> <p>MOTOR THREE PHASE - HP AS NOTED</p> <p>EXISTING FLOOR BOX</p> <p>QUADRUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>DUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>FIRE ALARM WALL VISUAL STROBE</p> <p>FIRE ALARM WALL VISUAL / AUDIO STROBE</p> <p>FIRE ALARM CEILING AUDIO DEVICE</p> <p># SUBSCRIPT DENOTES QUANTITY</p>	<p>LCP LIGHTING CONTROL PANEL</p> <p>LED LIGHT EMITTING DIODE</p> <p>LP LIGHTNING PROTECTION</p> <p>LR LOCAL-REMOTE</p> <p>LRA LOCKED ROTOR AMPERES</p> <p>LS LONG TIME, SHORT TIME</p> <p>LSI LONG TIME, SHORT TIME, INSTANTANEOUS</p> <p>LSG LONG TIME, SHORT TIME, GROUND</p> <p>LSIG LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND</p> <p>LI LONG TIME, INSTANTANEOUS</p> <p>LIG LONG TIME, INSTANTANEOUS, GROUND</p> <p>mA MILLIAMPS</p> <p>MAX MAXIMUM</p> <p>MCB MAIN CIRCUIT BREAKER</p> <p>MCC MOTOR CONTROL CENTER</p> <p>MCP MOTOR CIRCUIT PROTECTOR</p> <p>MECH MECHANICAL</p> <p>MFAP MAIN FIRE DETECTION & ALARM PANEL</p> <p>MFR MANUFACTURER</p> <p>MH METAL HALIDE</p> <p>MLO MAIN LUGS ONLY</p> <p>MOV METAL OXIDE VARISTOR</p> <p>MTD MOUNTED</p> <p>MV-90, 105 MEDIUM VOLTAGE CABLE 90 C, 105C</p> <p>MVA MEGA VOLT AMPERES</p> <p>MW MEGA WATTS</p> <p>N, NEU NEUTRAL</p> <p>NC NORMALLY CLOSED</p> <p>NEC NATIONAL ELECTRICAL CODE</p> <p>NEMA NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION</p> <p>NIC NOT IN CONTRACT</p> <p>NO NORMALLY OPEN</p> <p># NUMBER</p> <p>NTS NOT TO SCALE</p> <p>OAS OR APPROVED SUBSTITUTION</p> <p>OC PD OVERCURRENT PROTECTIVE DEVICE</p> <p>OC ON CENTER</p> <p>OFCI OWNER FURNISHED, CONTRACTOR INSTALLED</p> <p>OFI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED</p> <p>OH OVERHEAD</p> <p>OL OVERLOAD</p> <p>P POLE</p> <p>PA PUBLIC ADDRESS</p> <p>PB PULL BOX</p> <p>PCHP PRIMARY CHILLED WATER PUMP</p> <p>PDU POWER DISTRIBUTION UNIT</p> <p>PF POWER FACTOR</p> <p>PFCC POWER FACTOR CORRECTION CAPACITOR</p> <p>PH PHASE</p> <p>PIR PASSIVE INFRARED</p> <p>PLC PROGRAMMABLE LOGIC CONTROLLER</p> <p>PMH POWER MANHOLE</p> <p>PMT PAD MOUNT</p> <p>PNL PANELBOARD</p> <p>PS PROGRAMMED START</p> <p>PVC POLYVINYL CHLORIDE</p> <p>PVC-RGS PVC COATED RIGID GALVANIZED STEEL CONDUIT</p> <p>RAC RIGID ALUMINUM CONDUIT</p> <p>RECEPTACLE</p> <p>RE REFER TO, REGARDING, REFERENCE</p> <p>RFAP REMOTE FIRE DETECTION & ALARM PANEL</p> <p>RGS RIGID GALVANIZED STEEL CONDUIT</p> <p>RL RAISE-LOWER</p> <p>RMS ROOT MEAN SQUARE</p> <p>ROP REVERSE OSMOSIS PUMP</p> <p>RS RAPID START</p> <p>RTD RESISTANCE TEMPERATURE DETECTOR</p> <p>RVAT REDUCED-VOLTAGE AUTO TRANSFORMER</p> <p>SCADA SUPERVISORY CONTROL & DATA ACQUISITION</p> <p>SCH SCHEDULE</p> <p>SCHP SECONDARY CHILLED WATER PUMP</p> <p>SEP SEWAGE EJECTOR PUMP</p> <p>SF SUPPLY FAN</p> <p>SHLD SHIELDED</p> <p>SP SUMP PUMP</p> <p>SPD SURGE PROTECTION DEVICE</p> <p>SPDT SINGLE POLE, DOUBLE THROW</p> <p>SPST SINGLE POLE, SINGLE THROW</p> <p>SPF STAIRWELL PRESSURIZATION FAN</p> <p>SS STAINLESS STEEL</p> <p>SSOL SOLID STATE OVER LOAD</p> <p>STD STANDARD</p> <p>STP SHIELDED TWISTED PAIR</p> <p>SW SWITCH</p> <p>SWBD SWITCHBOARD</p> <p>SWG SWITCHGEAR</p> <p>SYM SYMMETRICAL</p> <p>SYNCH SYNCHRONOUS</p> <p>TELECOM TELECOMMUNICATIONS</p> <p>TOP TURBINE OIL PUMP</p> <p>TSP TWISTED SHIELDED PAIR</p> <p>TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR</p> <p>TYP TYPICAL</p> <p>UG UNDERGROUND</p> <p>UH UNIT HEATER</p> <p>UL UNDERWRITERS LABORATORY</p> <p>UON UNLESS OTHERWISE NOTED</p> <p>UPS UNINTERRUPTIBLE POWER SUPPLY</p> <p>UTP UNSHIELDED TWISTED PAIR</p> <p>V VOLTS</p> <p>VA VOLT AMPERES</p> <p>VAC VOLTS ALTERNATING CURRENT</p> <p>VAR VOLT AMPERES REACTIVE</p> <p>VDC VOLTS DIRECT CURRENT</p> <p>VFD VARIABLE FREQUENCY DRIVE</p> <p>VP VACUUM PUMP</p> <p>VT VOLTAGE TRANSFORMER</p> <p>VV VARIABLE VOLUME TERMINAL UNIT</p> <p>W WIRE</p> <p>WG WIRE GUARD</p> <p>WH WATER HEATER</p> <p>WP WEATHERPROOF</p> <p>XFMR TRANSFORMER</p> <p>Y WYE</p> <p>Z IMPEDANCE</p>	<p>E0.1 ELECTRICAL SYMBOLS, LEGEND AND ABBREVIATIONS</p> <p>E0.2 ONE LINE DIAGRAMS</p> <p>E0.3 LUMINAIRE SCHEDULE</p> <p>E1.1 LEVEL 04 LIGHTING RENOVATION PLAN</p> <p>E2.1 LEVEL 04 POWER RENOVATION PLAN</p> <p>E2.2 LEVEL 05 EXISTING POWER</p> <p>E3.1 LEVEL 04 FIRE ALARM RENOVATION PLAN</p> <p>E6.0 ELECTRICAL DETAILS</p> <p>E7.0 ELECTRICAL PANELBOARD SCHEDULES</p> <p>E7.1 ELECTRICAL PANELBOARD SCHEDULES</p> <p>E7.2 ELECTRICAL PANELBOARD SCHEDULES</p> <p>ED1.0 LEVEL 04 LIGHTING DEMOLITION PLAN</p> <p>ED2.0 LEVEL 04 POWER DEMOLITION PLAN</p> <p>ED3.0 LEVEL 04 FIRE ALARM DEMOLITION PLAN</p>
<p>HALF SHADE: CRITICAL POWER FULL SHADE: LIFE SAFETY POWER</p> <p>ELECTRICAL PLAN SYMBOLS</p> <p>SINGLE RECEPTACLE, SUBSCRIPT IS DEFINED AS FOLLOWS: a = NEMA 6-30R b = 480V, 3-PHASE PLUS GND, 50A, HUBBELL #CS8185C, OAS c = NEMA 15-30R</p> <p>DUPLICATE RECEPTACLE</p> <p>SWITCHED RECEPTACLE</p> <p>QUADRUPLEX RECEPTACLE</p> <p>SINGLE RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>SINGLE RECEPTACLE, SPECIAL PURPOSE MOUNTED FLUSH IN FLOOR BOX</p> <p>DUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>QUADRUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>Y SUBSCRIPT DENOTES</p> <p>WP WEATHERPROOF</p> <p>GFCI GROUND FAULT CIRCUIT INTERRUPTER</p> <p>IG ISOLATED GROUND</p> <p>EM EMERGENCY MOUNTED FLUSH IN CEILING OR SURFACE OF STRUCTURE ABOVE</p> <p>OS OCCUPANCY SENSOR WALL MOUNTED - DUAL TECHNOLOGY</p> <p>OS OCCUPANCY SENSOR CEILING MOUNTED -360° COVERAGE - DUAL TECHNOLOGY</p> <p>LC LIGHTING CONTACTOR</p> <p>LCP LIGHTING CONTROL PANEL</p> <p>JUNCTION OR PULLBOX, WALL MOUNTED</p> <p>JUNCTION OR PULLBOX, CEILING MOUNTED</p> <p>JUNCTION OR PULLBOX, FLUSH MOUNTED IN FLOOR OR FLOORBOX AS NOTED ON PLANS</p> <p>POWER POLE</p> <p>DISCONNECT SWITCH, NON FUSIBLE, 30A, 3P UON</p> <p>DISCONNECT SWITCH, FUSIBLE, 30A, 3P UON</p> <p>STARTER, NEMA SIZE '1' UON</p> <p>COMBINATION SWITCH STARTER, NEMA SIZE '1' UON</p> <p>ENCLOSED CIRCUIT BREAKER TYPE AND SIZE AS NOTED</p> <p>RELAY</p> <p>PUSH BUTTON</p> <p>KIRK KEY INTERLOCK</p> <p>BUZZER</p> <p>BELL</p> <p>TRANSFORMER</p> <p>EMERGENCY PANELBOARD-SURFACE MOUNTED</p> <p>EMERGENCY PANELBOARD-FLUSH MOUNTED</p> <p>GROUND ROD</p> <p>GROUNDING SYSTEM TEST WELL</p> <p>LIGHTNING PROTECTION AIR TERMINAL</p> <p>DIGITAL MULTI-METER</p> <p>CONDUIT EXPOSED</p> <p>CONDUIT EMBEDDED</p> <p>CONDUIT CAPPED</p> <p>CONDUIT TURNED DOWN</p> <p>CONDUIT TURNED UP</p> <p>HOMERUN - ONE PHASE - ONE NEUTRAL, ONE GROUNDING CONDUCTOR</p> <p>HOMERUN - TWO PHASE, ZERO, ONE OR TWO NEUTRAL AS SCHEDULED IN PANELBOARD SCHEDULE ONE GROUNDING CONDUCTOR</p> <p>HOMERUN - THREE PHASE, ZERO, ONE OR THREE NEUTRAL AS SCHEDULED IN PANELBOARD SCHEDULE, ONE GROUNDING CONDUCTOR</p> <p>MOTOR SINGLE PHASE - HP AS NOTED</p> <p>MOTOR THREE PHASE - HP AS NOTED</p>		<p>RELOCATED PLAN SYMBOLS</p> <p>EXISTING FLOOR BOX</p> <p>QUADRUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>DUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>FIRE ALARM WALL VISUAL STROBE</p> <p>FIRE ALARM WALL VISUAL / AUDIO STROBE</p> <p>FIRE ALARM CEILING AUDIO DEVICE</p> <p># SUBSCRIPT DENOTES QUANTITY</p>					



CONSULTANT

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 Ph. 713.780.7563 Fax. 713.780.9209
 Texas Registered Engineering Firm F-2113

REVISIONS

1 07/24/2018 ADDENDUM NO. 1



PROJECT NAME

UTHealth

Jane and Robert Cizik
 School of Nursing

The University of Texas
 Health Science Center at Houston

SIMULATION CENTER

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE

ISSUE FOR CONSTRUCTION

DATE

07/02/2018

DRAWING TITLE

ELECTRICAL SYMBOLS, LEGEND AND ABBREVIATIONS

DRAWING NUMBER

E0.1

CONSULTANT

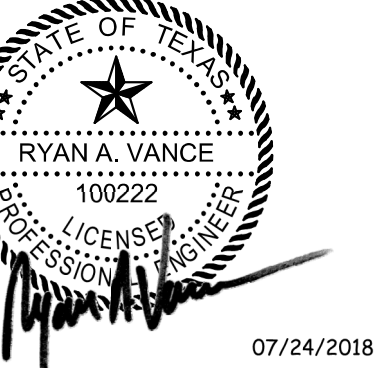


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PROJECT NAME

UTHealth

Jane and Robert Cizik
School of Nursing

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**SIMULATION
CENTER**

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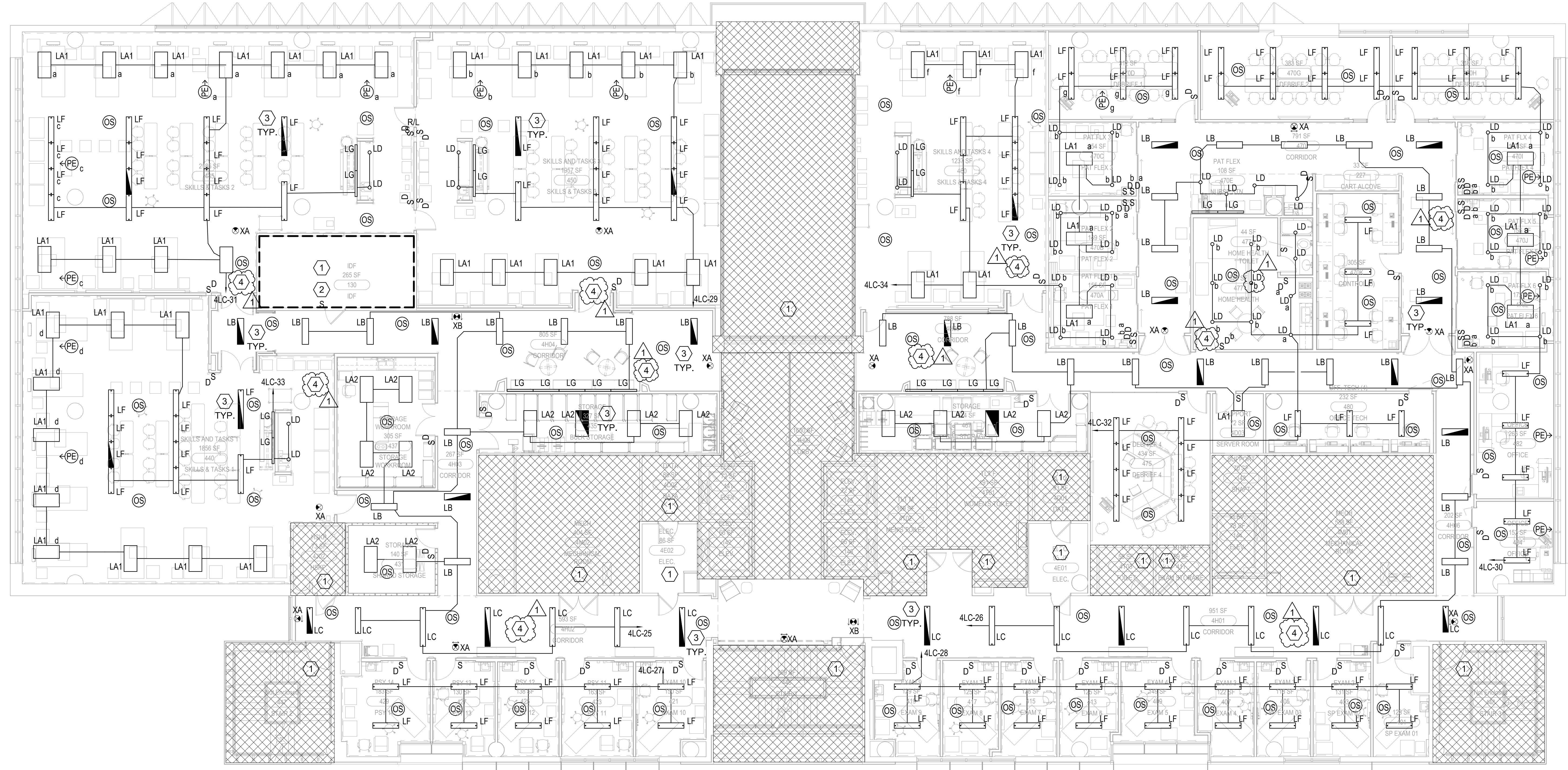
DRAWING TITLE

**LEVEL 04 LIGHTING
RENOVATION PLAN**

DRAWING NUMBER

E1.1

E
D
C
B
A



NOT IN SCOPE

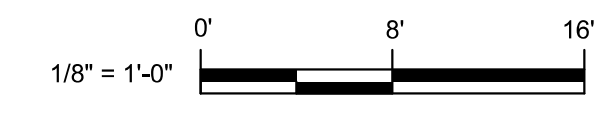
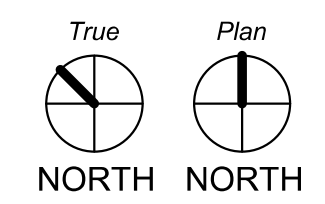
1 LEVEL 04 LIGHTING RENOVATION PLAN
1/8" = 1'-0"

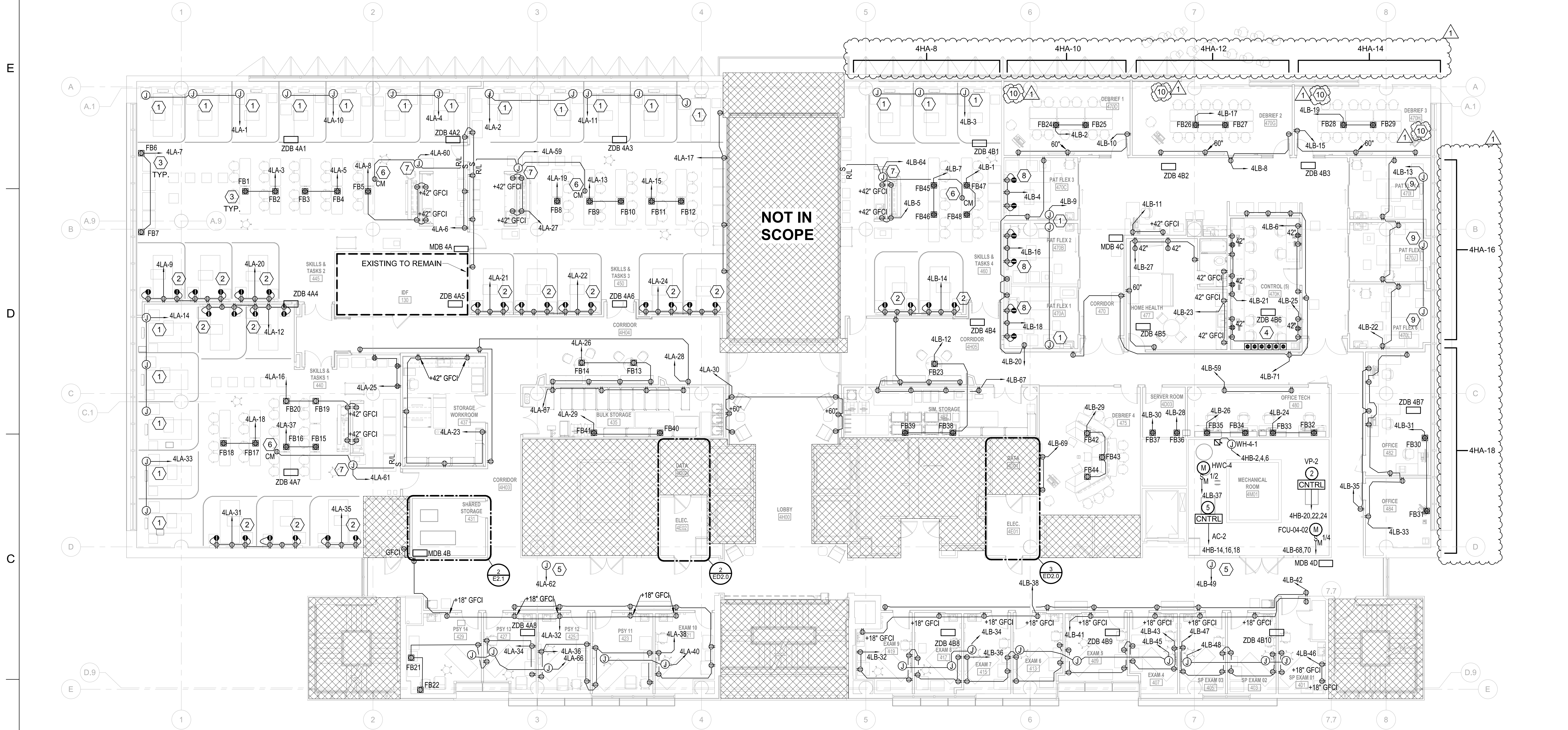
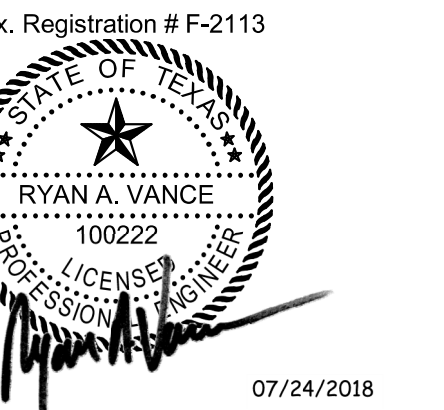
GENERAL NOTES - GE01-1

- A ALL EMERGENCY LUMINAIRES AND EXIT LIGHTS ARE TO REMAIN UNSWITCHED, UNLESS OTHERWISE NOTED.
- B LIGHTED EXIT SIGNS ARE SHOWN FOR QUANTITIES AND GENERAL LOCATIONS. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF LIGHTED EXIST SIGNS.
- C SINGLE-FACE EXIT SIGNS ARE TYPE XA, UON. DOUBLE-FACE SIGNS ARE TYPE XB, UON.
- D COORDINATE ELECTRICAL WORK WITH ARCHITECT, CIVIL, STRUCTURAL, MECHANICAL, AND PLUMBING SO AS TO AVOID INTERFERENCE WITH OR COMPROMISE OF OTHER SYSTEMS.
- E SEE ENLARGED ELECTRICAL PLANS FOR LOCATION OF LIGHTING BRANCH CIRCUIT PANELBOARDS AND LIGHTING CONTACTORS.
- F LIFE SAFETY LIGHTING ON THIS SHEET IS SERVED FROM PANEL 5LE. NUMBER INDICATES CIRCUIT NUMBER.
- G COORDINATE FINAL LUMINAIRE QUANTITY AND LOCATION WITH ARCHITECTURAL REFLECTING CEILING PLANS.

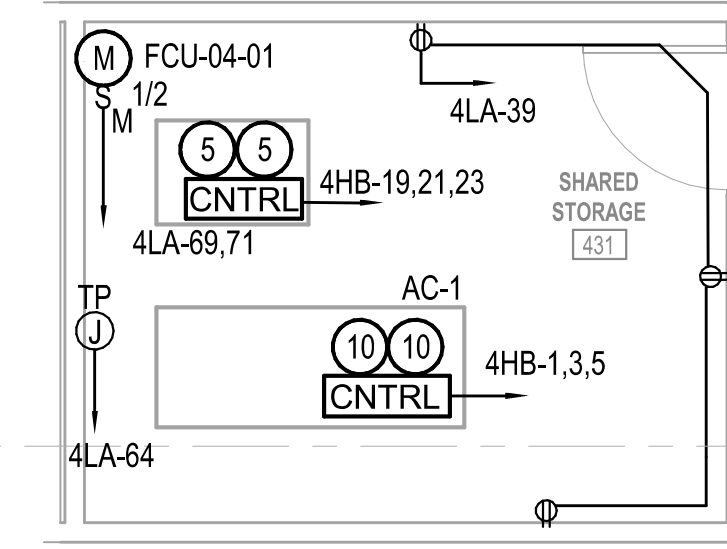
KEYED NOTES - E1-1

- 1 EXISTING LIGHTING TO REMAIN.
- 2 RELOCATED LIGHT SWITCH.
- 3 RECONNECT TO EXISTING EMERGENCY CIRCUIT THAT PREVIOUSLY SERVED THIS AREA.
- 4 BASE BID: EMERGENCY FIXTURES SHALL BE UNSWITCHED. ALTERNATE NO. 6: PROVIDE UL 924 RELAY TO CONTROL EMERGENCY LIGHT FIXTURES IN ROOM.





1 LEVEL 04 POWER RENOVATION PLAN
1/8" = 1'-0"



2 ENLARGED PLAN - RM 431
1/4" = 1'-0"

MAIN DISTRIBUTION BOX 4A/4B

- ZDB - 4A1: CKTS 4LA - 1,3,5,7,9
- ZDB - 4A2: CKTS 4LA - 2,4,6,8,10
- ZDB - 4A3: CKTS 4LA - 11,13,15,17,19
- ZDB - 4A4: CKTS 4LA - 12,14,16,18,20
- ZDB - 4A5: CKTS 4LA - 21,23,25,27,29
- ZDB - 4A6: CKTS 4LA - 22,24,26,28,30
- ZDB - 4A7: CKTS 4LA - 31,33,35,37,39
- ZDB - 4A8: CKTS 4LA - 32,34,36,38,40
- ZDB - 4A9: CKTS 4LA - 41,43,45,47,49
- ZDB - 4A10: CKTS 4LA - 42,44,46,48,50

MAIN DISTRIBUTION BOX 4C/D

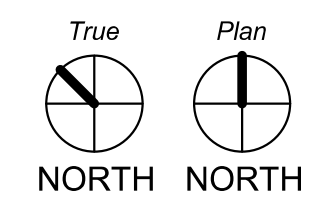
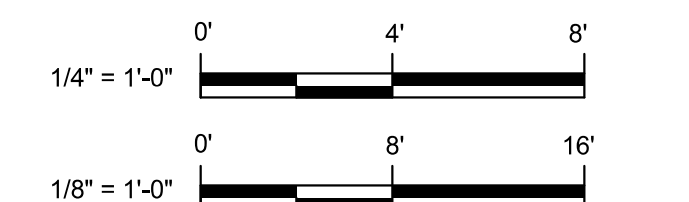
- ZDB - 4B1: CKTS 4LB - 1,3,5,7,9
- ZDB - 4B2: CKTS 4LB - 2,4,6,8,10
- ZDB - 4B3: CKTS 4LB - 11,13,15,17,19
- ZDB - 4B4: CKTS 4LB - 12,14,16,18,20
- ZDB - 4B5: CKTS 4LB - 21,23,25,27,29
- ZDB - 4B6: CKTS 4LB - 22,24,26,28,30
- ZDB - 4B7: CKTS 4LB - 31,33,35,37,39
- ZDB - 4B8: CKTS 4LB - 32,34,36,38,40
- ZDB - 4B9: CKTS 4LB - 41,43,45,47,49
- ZDB - 4B10: CKTS 4LB - 42,44,46,48,50

GENERAL NOTES - GE21

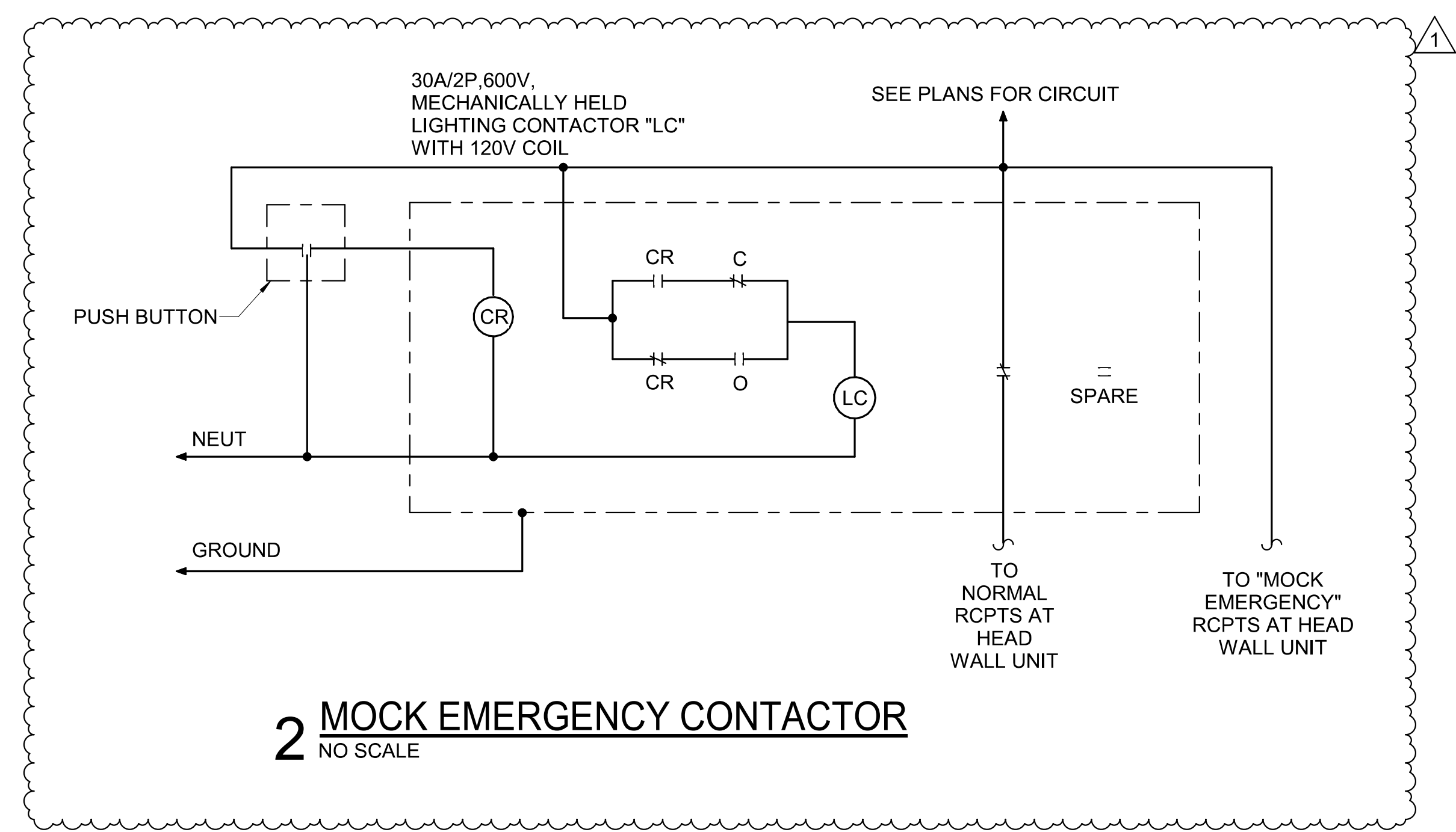
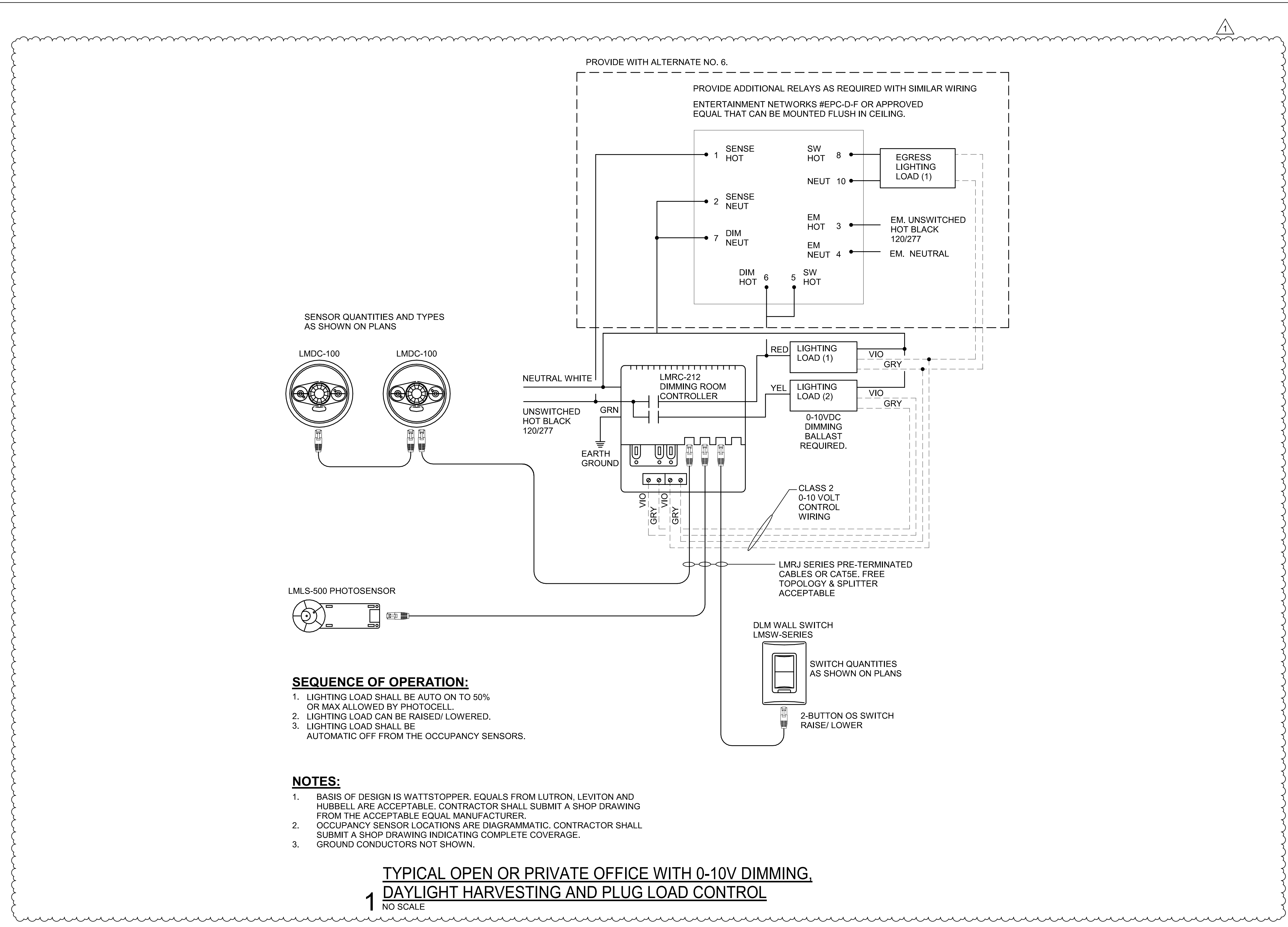
- REFER TO TELECOM DRAWINGS FOR LOCATION OF TELECOM, SECURITY, A/V OUTLETS, ADDITIONAL POWER AND OTHER COMMUNICATIONS SYSTEMS DEVICES. COORDINATE WITH COMMUNICATION SUPPLIER FOR LOCATIONS AND REQUIREMENTS.
- FINAL DIMENSIONS OF FLOOR BOX AND POKE-THROUGH LOCATIONS BY ARCHITECT. COORDINATE WITH STRUCTURAL PRIOR TO PENETRATION OF STRUCTURAL SLAB.
- ALL RECEPTACLES ARE MOUNTED 18" UON. VERIFY HEIGHT AND ALIGNMENT OF DEVICES WITH ARCHITECTURAL DRAWINGS. COORDINATE OUTLET/RECEPTACLE LOCATIONS WITH MILL WORK, CASEWORK, ETC.
- LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED. PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION 260529.
- UPDATE PANELBOARD SCHEDULES UPON COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.
- DEVICES WITH DEVICE TYPE AND NUMBER ARE RELOCATED. COORDINATE WITH DEMOLITION DRAWINGS.
- REFER TO ED2.0 FOR EXISTING ELECTRICAL ROOMS.

KEYED NOTES - E21

- JUNCTION BOX FOR POWER POLE.
- HEADWALL UNIT. RECEPTACLES SHOWN AS EMERGENCY ARE "MOCK" CIRCUITS
- RELOCATED FLOOR BOX. REFER TO SHEET E0204 FOR DEMO LOCATION.
- PUSH BUTTON FOR NORMAL POWER LOSS SIMULATION. REFER TO DETAIL 2/ E6.0. ONE BUTTON DEDICATED TO EACH FLEX ROOM.
- JUNCTION BOX FOR FCU POWER MODULES. COORDINATE QUANTITY AND FINAL LOCATION WITH DIVISION 23.
- POWER TO OVERHEAD PROJECTOR. COORDINATE FINAL LOCATION WITH ARCHITECT.
- POWER TO PROJECTION SCREEN. COORDINATE FINAL LOCATION WITH EQUIPMENT. COORDINATE LOCATION OF RAISE/LOWER SWITCH WITH ARCHITECTURE.
- HEADWALL UNIT. RECEPTACLES SHOWN AS EMERGENCY ARE MOCK-EMERGENCY CIRCUITS AND ARE TO BE CIRCUITED UTILIZING A PUSH BUTTON FOR POWERLOSS SIMULATION. REFER TO KEYED NOTE 4.
- JUNCTION BOX FOR POWER POLE. RECEPTACLES SHOWN AS EMERGENCY ARE MOCK-EMERGENCY CIRCUITS AND ARE TO BE CIRCUITED UTILIZING A PUSH BUTTON FOR POWERLOSS SIMULATION. REFER TO KEYED NOTE 4.
- COORDINATE THERMAL ZONING OF EXISTING BASE HEATER UNITS WITH DIV 23. RECONFIGURE CONDUCTORS AS NECESSARY.



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E
D
C
B
A

6 5 4 3 2 1

Panel: 4LA EXISTING		SIMULATION CENTER										
Location: ELEV. 142		Volts: 120/208 Wye		Bus Rating: 225A		Feed Through:						
Supply From:		Phases: 3		MCB: NO MCB		Sub-Feed: No						
Mounting: Surface		A.I.C. Rating: 65,000		MLO: YES		Neutral Rating: 100.00%						
Enclosure: NEMA 1												
Notes: EXISTING PANEL PRE-RENOVATION CONFIGURATION, SECTIONS 1 & 2.												
Wire & Conduit	Ckt No.	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	Ckt No.	Wire & Conduit
	1	FLOORBOX RM 452,453,457,457.1,457.2	20 A	1	0 VA / 0 VA			1	20 A	FLOORBOX RM 459.2,459.3,462	2	
	3	FLOORBOX RM 452,453,457	20 A	1		0 VA / 0 VA		1	20 A	FLOORBOX RM 459.1,459.4	4	
	5	FLOORBOX RM 452,453,457,457.1,457.2	20 A	1			0 VA / 0 VA	1	20 A	FLOORBOX RM 459.1,459.4,462	6	
	7	FLOORBOX RM 455A	20 A	1	0 VA / 0 VA			1	20 A	FLOORBOX RM 449,450,451,457	8	
	9	FLOORBOX RM 456A, 461	20 A	1		0 VA / 0 VA		1	20 A	FLOORBOX RM 459.5	10	
	11	FLOORBOX RM 456A, 461	20 A	1			0 VA / 0 VA	1	20 A	FLOORBOX RM 459.5	12	
	13	FLOORBOX RM 446,447,448	20 A	1	0 VA / 0 VA			1	20 A	FLOORBOX RM 456	14	
	15	FLOORBOX RM 446,447,456A	20 A	1		0 VA / 0 VA		1	20 A	FLOORBOX RM 456	16	
	17	FLOORBOX RM 446,447,448,456A	20 A	1			0 VA / 0 VA	1	20 A	FLOORBOX RM 456	18	
	19	FLOORBOX RM 461.1,461.2,461.3	20 A	1	0 VA / 0 VA			1	20 A	FLOORBOX RM 463	20	
	21	FLOORBOX RM 461.4,462	20 A	1		0 VA / 0 VA		1	20 A	FLOORBOX RM 466	22	
	23	FLOORBOX RM 461.1,461.2,461.3,461.4,462	20 A	1			0 VA / 0 VA	1	20 A	FLOORBOX RM 466, CORR. 479	24	
	25	CORR. 400F BOX M6 SPARE	20 A	1	0 VA / 0 VA			1	20 A	FLOORBOX RM 467,468,469,475,477,478	26	
	27	CORR. 400F BOX M6 SPARE	20 A	1		0 VA / 0 VA		1	20 A	FLOORBOX RM 470-475	28	
	29	FLOORBOX RM 444	20 A	1			0 VA / 0 VA	1	20 A	FLOORBOX CORR	30	
	31	FLOORBOX RM VEST. 405A	20 A	1	0 VA / 0 VA			1	20 A	CORR. 400D BOX M7 SPARE	32	
	33	CORR. 400D BOX M7 SPARE	20 A	1		0 VA / 0 VA		1	20 A	CORR. 400D BOX M7 SPARE	34	
	35	CORR. 400D BOX M7 SPARE	20 A	1			0 VA / 0 VA	1	20 A	CORR. 400D BOX M7 SPARE	36	
	37	SPARE J-BOX RM 448	20 A	1	0 VA / 0 VA			1	20 A	FLOORBOX RM 438	38	
	39	RECEPT. RM 444	20 A	1		0 VA / 0 VA		1	20 A	FLOORBOX RM 438	40	
	41	RECEPT. RM 444	20 A	1			0 VA / 0 VA	1	20 A	FLOORBOX RM 438	42	
	43	CORR. 400F BOX M12 SPARE	20 A	1	0 VA / 0 VA			1	20 A	432	44	
	45	CORR. 400F BOX M12 SPARE	20 A	1		0 VA / 0 VA		1	20 A	RECEPT. EXAM	46	
	47	CORR. 400F BOX M12 SPARE	20 A	1			0 VA / 0 VA	1	20 A	RECEPT. EXAM MONITORING	48	
	49	CORR. 400F BOX M12 SPARE	20 A	1	0 VA / 0 VA			1	20 A	RECEPT. EXAM MONITORING	50	
	51	432	20 A	1		0 VA / 0 VA		1	20 A	SPARE (OFF)	52	
	53	RECEPT. DATA RACK RM 408	20 A	1			0 VA / 0 VA	1	20 A	CCTV CAMERA-ELEV. LOBBY	54	
	55	RECEPT. DATA RACK RM 408	20 A	1	0 VA / 0 VA			1	20 A	T-STAT CONTROL-507	56	
	57	TELEPHONE BACKBOARD-408	20 A	1		0 VA / 0 VA		1	20 A	DDC CONTROL PANEL-4M02	58	
	59	RECEPTACLES-409	20 A	1			0 VA / 0 VA	1	20 A	MICROWAVE RM 438A	60	
	61	RECEPTACLES-407	20 A	1	0 VA / 0 VA			1	20 A	MICROWAVE RM 438A	62	
	63	RECEPT. CORR. 400D,400F,438A,439	20 A	1		0 VA / 0 VA		1	20 A	RECEPT. RM438	64	
	65	RECEPT. 420 AND CORRIDOR 400E	20 A	1			0 VA / 0 VA	1	20 A	SPARE (OFF)	66	
	67	RECEPT. 445,455,458	20 A	1	0 VA / 0 VA			1	20 A	REFRIGERATOR RM 438	68	
	69	SHUNT TRIP/ PLASMA SCREEN RM 459	20 A	2		0 VA / 0 VA		1	20 A	SK-3	70	
	71	--	--	--			0 VA / 0 VA	1	20 A	SK-3	72	
	73	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SK-3	74	
	75	DED. RECEPT. 430	20 A	1		0 VA / 0 VA		1	20 A	DISHWAVER RM 438A	76	
	77	432	20 A	1			0 VA / 0 VA	1	20 A	SPARE	78	
	79	SPARE (OFF)	60 A	3	0 VA / 0 VA			1	20 A	RECEPT. CAMERAS EXAM RM	80	
	81	--	--	--		0 VA / 0 VA		1	20 A	RECEPT. CAMERAS EXAM RM	82	
	83	--	--	--			0 VA / 0 VA	1	20 A	COMMUNICATION ROOM / RECEPT. CAMERAS EXAM RM	84	
Total Load:					0 VA	0 VA	0 VA					
Total...					0 A	0 A	0 A					

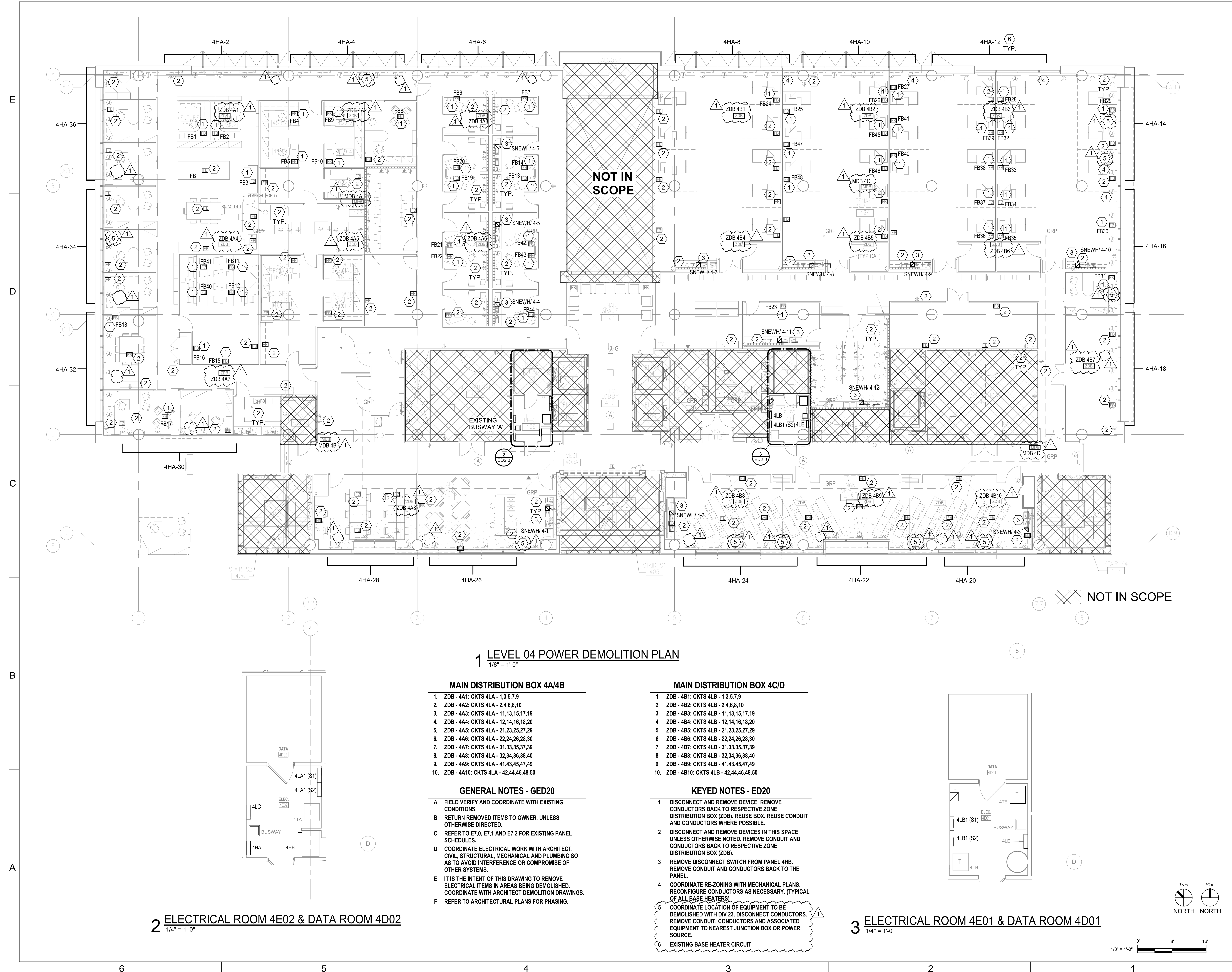
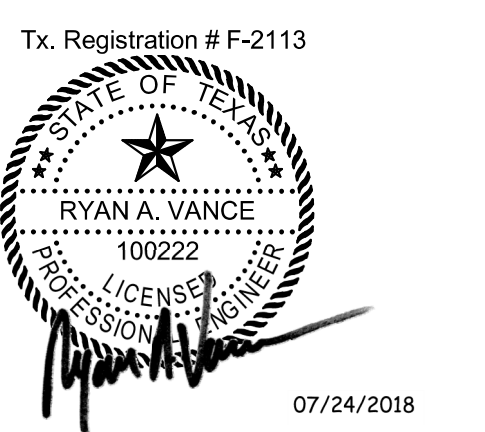
Panel: 4LA		SIMULATION CENTER										
Location: ELEC. 4E02		Volts: 120/208 Wye		Bus Rating: 225A		Feed Through:						
Supply From:		Phases: 3		MCB: NO MCB		Sub-Feed: No						
Mounting: Surface		A.I.C. Rating: 10,000		MLO: YES		Neutral Rating: 100.00%						
Enclosure: NEMA 1												
Notes: EXISTING PANEL POST-RENOVATION CONFIGURATION, SECTIONS 1 & 2.												
Wire & Conduit	Ckt No.	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	Ckt No.	Wire & Conduit
	2#12, #12G, 3/4"	1 PWR POLE RM 445	20 A	1	1500 VA / 1000 VA			1	20 A	PWR POLE RM 450	2	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	3 FB ROOM 445	20 A	1		360 VA / 1000 VA		1	20 A	PWR POLE RM 445	4	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	5 FB ROOM 445	20 A	1			360 VA / 1260 VA	1	20 A	RCPTS RM 445	6	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	7 FB ROOM 445	20 A	1	360 VA / 900 VA			1	20 A	FB ROOM 445	8	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	9 HEAD WALL UNIT RM 445	20 A	1		1800 VA / 1000 VA		1	20 A	PWR POLE RM 445	10	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	11 PWR POLE RM 450	20 A	1			1500 VA / 1800 VA	1	20 A	HEAD WALL UNIT RM 440	12	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	13 FB ROOM 450	20 A	1	360 VA / 1500 VA			1	20 A	HEAD WALL UNIT RM 440	14	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	15 FB ROOM 450	20 A	1		360 VA / 1080 VA		1	20 A	FB ROOM 440	16	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	17 RCPTS RM 450	20 A	1			720 VA / 360 VA	1	20 A	FB ROOM 440	18	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	19 FB ROOM 450	20 A	1	180 VA / 900 VA			1	20 A	RCPTS RM 4H07	20	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	21 HEAD WALL UNIT RM 450	20 A	1		900 VA / 1800 VA		1	20 A	HEAD WALL UNIT RM 450	22	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	23 RCPT RM STORAGE WORKROOM	20 A	1		900 VA / 1800 VA		1	20 A	HEAD WALL UNIT RM 450	24	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	25 RCPTS RM 440	20 A	1	540 VA / 1080 VA			1	20 A	RCPTS RM 4H04	26	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	27 RCPTS RM 450	20 A	1		720 VA / 720 VA		1	20 A	RCPTS RM 4H04	28	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	29 RCPTS STORAGE RM 435	20 A	1		360 VA / 1080 VA		1	20 A	RCPTS LOBBY	30	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	31 HEAD WALL UNIT RM 440	20 A	1	1800 VA / 1260 VA			1	20 A	RCPTS RM 425	32	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	33 HEAD WALL UNIT RM 440	20 A	1		1000 VA / 1260 VA		1	20 A	RCPTS RM 427	34	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	35 HEAD WALL UNIT RM 440	20 A	1		900 VA / 1440 VA		1	20 A	RCPTS RM 425	36	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	37 FB ROOM 440	20 A	1	360 VA / 1440 VA			1	20 A	RCPTS EXAM 10	38	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	39 RCPTS RM 431	20 A	1	540 VA / 1000 VA			1	20 A	PWR POLE RM 421/423	40	2#12, #12G, 3/4"
	41	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	42	
	43	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	44	
	45	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	46	
	47	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	48	
	49	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	50	
	51	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	52	
	53	RECEPT. DATA RACK RM 408	20 A	1		0 VA / 0 VA		1	20 A	CCTV CAMERA-ELEV. LOBBY	54	
	55	RECEPT. DATA RACK RM 408	20 A	1	0 VA / 0 VA			1	20 A	T-STAT CONTROL-507	56	
	57	TELEPHONE BACKBOARD-408	20 A	1		0 VA / 0 VA		1	20 A	DDC CONTROL PANEL-4M02	58	
	2#12, #12G, 3/4"	59 PROJECTOR AND SCREEN RM 450	20 A	1		680 VA / 680 VA		1	20 A	PROJECTOR AND SCREEN RM 4H07	60	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	61 PROJECTOR AND SCREEN RM 440	20 A	1	680 VA / 500 VA			1	20 A	JUNCTION BOX	62	2#12, #12G, 3/4"
	63	RECEPT. CORR. 400D,400F,438A,439	20 A	1		0 VA / 500 VA		1	20 A	TRAP PRIMER RM	64	2#12, #12G, 3/4"
	65	RECEPT. 420 AND CORRIDOR 400E	20 A	1		0 VA / 1500 VA		1	20 A	PWR POLE RM 425/427/429	66	2#12, #12G, 3/4"
	2#12, #12G, 3/4"	67 RCPTS STORAGE RM 435	20 A	1	720 VA / 0 VA			1	20 A	SPARE	68	
	2#12, #12G, 3/4"	69 FCU-04-01	20 A	2		564 VA / 0 VA		1	20 A	SPARE	70	
	71	--	--	--			564 VA / 0 VA	1	20 A	SPARE	72	
	73	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	74	
	75	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	76	
	77	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	78	
	79	SPARE	60 A	3	0 VA / 0 VA			1	20 A	SPARE	80	
	81	--	--	--		0 VA / 0 VA		1	20 A	SPARE	82	
	83	--	--	--			0 VA / 0 VA	1	20 A	SPARE	84	
Total Load:					15080 VA	14604 VA	15904 VA					
Total...					126 A	122 A	133 A					

Panel: 4HB EXISTING		SIMULATION CENTER										
Location: ELEC. 4E02		Volts: 480/277 Wye		Bus Rating: 400A		Feed Through:						
Supply From:		Phases: 3		MCB: NO MCB		Sub-Feed: No						
Mounting: Surface		A.I.C. Rating: 14,000		MLO: No		Neutral Rating: 100.00%						
Enclosure: NEMA 1												
Notes: EXISTING PRE-RENOVATION PANEL CONFIGURATION.												
Wire & Conduit	Ckt No.	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	Ckt No.	Wire & Conduit
	1	SNEWH 4-1 LOUNGE 438	40 A	3	0 VA / 0 VA			3	40 A	SNEWH 4-7 LAB		

Panel: 4LB EXISTING										SIMULATION CENTER										
Location: ELEC. 4E01					Volts: 120/208 Wye					Bus Rating: 225A					Feed Through:					
Supply From: Phases: 3					A.I.C. Rating: 10,000					MCB: NO MCB					Sub-Feed: No					
Mounting: Surface					Enclosure: NEMA 1					MLO: No					Neutral Rating: 100.00%					
Notes: EXISTING PRE-RENOVATION PANEL CONFIGURATION, SECTIONS 1 & 2.																				
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit								
2#12, #12G, 3/4"	1	FLOORBOX RM 4571 & 482	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 483	2	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	3	FLOORBOX RM 4571 & 482	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 483	4	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	5	FLOORBOX RM 4571 & 482	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 483	6	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	7	FLOORBOX RM 481	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 484	8	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	9	FLOORBOX RM 481	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 484	10	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	11	FLOORBOX RM 481	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 484	12	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	13	FLOORBOX RM 482	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 483	14	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	15	FLOORBOX RM 482	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 483	16	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	17	FLOORBOX RM 482	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 483	18	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	19	FLOORBOX RM 423 & 485	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 487	20	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	21	MAIN DISTRIBUTION BOX RM 480	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 488 & 489	22	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	23	FLOORBOX RM 423 & 485	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 487, 488 & 489	24	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	25	FLOORBOX RM 435	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 484	26	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	27	FLOORBOX RM 436	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 494	28	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	29	FLOORBOX RM 437	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 494	30	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	31	FLOORBOX RM 436 & 437	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 435 & 436	32	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	33	FLOORBOX RM 436 & 437	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 435 & 436	34	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	35	FLOORBOX RM 436 & 437	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 435 & 436	36	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	37	FLOORBOX RM 436 & 437	20 A	1	0 VA / 0 VA				1	20 A	FLOORBOX RM 435 & 436	38	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	39	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	40	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	41	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	42	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	43	CORR. 400A BOX M11 SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	44	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	45	CORR. 400A BOX M11 SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	46	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	47	CORR. 400A BOX M11 SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	48	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	49	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	50	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	51	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	52	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	53	DATA RACK-RM 413	20 A	1	0 VA / 0 VA				1	20 A	DRINKING FOUNTAIN	54	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	55	DATA RACK-RM 413	20 A	1	0 VA / 0 VA				1	20 A	T-STAT ROOM 490	56	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	57	TELEPHONE BACKBOARD-413	20 A	1	0 VA / 0 VA				1	20 A	HAND DRYER-MENS RR	58	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	59	RECEPTACLES-414	20 A	1	0 VA / 0 VA				1	20 A	HAND DRYER-WOMENS RR	60	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	61	RECEPTACLES-416	20 A	1	0 VA / 0 VA				1	20 A	SPARE	62	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	63	RECEPTACLES-CORR. 400C & REST ROOM	20 A	1	0 VA / 0 VA				1	20 A	O.A. PROJ. & SCREEN RM 435,436,437	64	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	65	RECEPTACLES-WORKAREA	20 A	1	0 VA / 0 VA				1	20 A	CORR. RECEPT. & GFI 485	66	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	67	RECT.-RM 435,484,489	20 A	1	0 VA / 0 VA				1	20 A	RECEPT. RM 435,436,437	68	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	69	RECEPT.-RM 481,482	20 A	1	0 VA / 0 VA				1	20 A	RECEPT. RM 435,437	70	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	71	RECEPT.-RM 483,484	20 A	1	0 VA / 0 VA				1	20 A	SPARE	72	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	73	RECEPT.-RM 486	20 A	1	0 VA / 0 VA				1	20 A	SPARE	74	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	75	RECEPT.-RM 486	20 A	1	0 VA / 0 VA				1	20 A	SPARE	76	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	77	RECEPT.-RM 486	20 A	1	0 VA / 0 VA				1	20 A	SPARE	78	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	79	SPARE	60 A	3	0 VA / 0 VA				1	20 A	SPARE	80	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	81	--	--	--	0 VA / 0 VA				1	20 A	SPARE	82	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	83	--	--	--	0 VA / 0 VA				1	20 A	SPARE	84	2#12, #12G, 3/4"							
Total Load:					0 VA	0 VA	0 VA													
Total...					0 A	0 A	0 A													

Panel: 4LC										SIMULATION CENTER										
Location: ELEC. 4E02					Volts: 120/208 Wye					Bus Rating: 225A					Feed Through:					
Supply From: Phases: 3					A.I.C. Rating: 10,000					MCB: NO MCB					Sub-Feed: No					
Mounting: Surface					Enclosure: NEMA 1					MLO: No					Neutral Rating: 100.00%					
Notes: EXISTING PANEL CONFIGURATION.																				
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit								
	1	LIGHTING-EXISTING LIGHTING EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA				1	20 A	EXISTING LIGHTING 4TH FLOOR	2								
	3	SPARE	20 A	1	0 VA / 0 VA				1	20 A	EXISTING LIGHTING 4TH FLOOR	4								
	5	FUTURE	20 A	1	0 VA / 0 VA				1	20 A	EXISTING LIGHTING 4TH FLOOR	6								
	7	FUTURE	20 A	1	0 VA / 0 VA				1	20 A	FUTURE	8								
	9	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA				1	20 A	EXISTING LIGHTING 4TH FLOOR	10								
	11	FUTURE	20 A	1	0 VA / 0 VA				1	20 A	FUTURE	12								
	13	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA				1	20 A	EXISTING LIGHTING 4TH FLOOR	14								
	15	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA				1	20 A	EXISTING LIGHTING 4TH FLOOR	16								
	17	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA				1	20 A	EXISTING LIGHTING 4TH FLOOR	18								
	19	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA				1	20 A	FUTURE	20								
	21	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA				1	20 A	FUTURE	22								
	23	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA				1	20 A	EXISTING LIGHTING 4TH FLOOR	24								
2#12, #12G, 3/4"	25	LTG ROOM 4H02	20 A	1	725 VA / 1047 VA				1	20 A	LTG ROOM 4H01	26	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	27	LTG ROOM 421	20 A	1	540 VA / 972 VA				1	20 A	LTG ROOM 419	28	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	29	LTG ROOM 450	20 A	1	1152 VA / 1512 VA				1	20 A	LTG ROOM 484	30	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	31	LTG ROOM 445	20 A	1	1430 VA / 1006 VA				1	20 A	LTG ROOM 475	32	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	33	LTG ROOM 440	20 A	1	1280 VA / 1519 VA				1	20 A	LTG ROOM 460	34	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	35	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	36	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	37	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	38	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	39	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	40	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	41	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE	42	2#12, #12G, 3/4"							
Total Load:					4208 VA	4291 VA	2664 VA													
Total...					37 A	38 A	22 A													

Panel: 4LB										SIMULATION CENTER										
Location: ELEC. 4E01					Volts: 120/208 Wye					Bus Rating: 225A					Feed Through:					
Supply From: Phases: 3					A.I.C. Rating: 10,000					MCB: NO MCB					Sub-Feed: No					
Mounting: Surface					Enclosure: NEMA 1					MLO: No					Neutral Rating: 100.00%					
Notes: EXISTING POST-RENOVATION PANEL CONFIGURATION, SECTIONS 1 & 2.																				
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit								
2#12, #12G, 3/4"	1	FB ROOM 460	20 A	1	360 VA / 360 VA				1	20 A	RCPTS DEBRIEF 1	2	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	3	FB ROOM 460	20 A	1	1500 VA / 900 VA				1	20 A	HEADWALL UNIT PAT. FLEX 3	4	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	5	RCPTS RM 460	20 A	1	720 VA / 720 VA				1	20 A	RCPTS CONTROL RM	6	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	7	FB ROOM 460	20 A	1	360 VA / 720 VA				1	20 A	RCPTS DEBRIEF 2	8	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	9	PWR POLE PAT. FLEX 1	20 A	1	1500 VA / 540 VA				1	20 A	RCPTS DEBRIEF 1	10	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	11	RCPTS CORRIDOR	20 A	1	360 VA / 540 VA				1	20 A	FB CORR. 4H05 & STORAGE 467	12	2#12, #12G, 3/4"							
2#12, #12G, 3/4"	13	PWR POLE PAT. FLEX 4	20 A	1	1500 VA / 1800 VA				1	20 A	FB ROOM 460	14	2#12, #12G, 3/4"</							



1 LEVEL 04 POWER DEMOLITION PLAN
1/8" = 1'-0"

MAIN DISTRIBUTION BOX 4A/4B

- ZDB - 4A1: CKTS 4LA - 1,3,5,7,9
- ZDB - 4A2: CKTS 4LA - 2,4,6,8,10
- ZDB - 4A3: CKTS 4LA - 11,13,15,17,19
- ZDB - 4A4: CKTS 4LA - 12,14,16,18,20
- ZDB - 4A5: CKTS 4LA - 21,23,25,27,29
- ZDB - 4A6: CKTS 4LA - 22,24,26,28,30
- ZDB - 4A7: CKTS 4LA - 31,33,35,37,39
- ZDB - 4A8: CKTS 4LA - 32,34,36,38,40
- ZDB - 4A9: CKTS 4LA - 41,43,45,47,49
- ZDB - 4A10: CKTS 4LA - 42,44,46,48,50

GENERAL NOTES - GED20

- FIELD VERIFY AND COORDINATE WITH EXISTING CONDITIONS.
- RETURN REMOVED ITEMS TO OWNER, UNLESS OTHERWISE DIRECTED.
- REFER TO E7.0, E7.1 AND E7.2 FOR EXISTING PANEL SCHEDULES.
- COORDINATE ELECTRICAL WORK WITH ARCHITECT, CIVIL, STRUCTURAL, MECHANICAL AND PLUMBING SO AS TO AVOID INTERFERENCE OR COMPROMISE OF OTHER SYSTEMS.
- IT IS THE INTENT OF THIS DRAWING TO REMOVE ELECTRICAL ITEMS IN AREAS BEING DEMOLISHED. COORDINATE WITH ARCHITECT DEMOLITION DRAWINGS.
- REFER TO ARCHITECTURAL PLANS FOR PHASING.

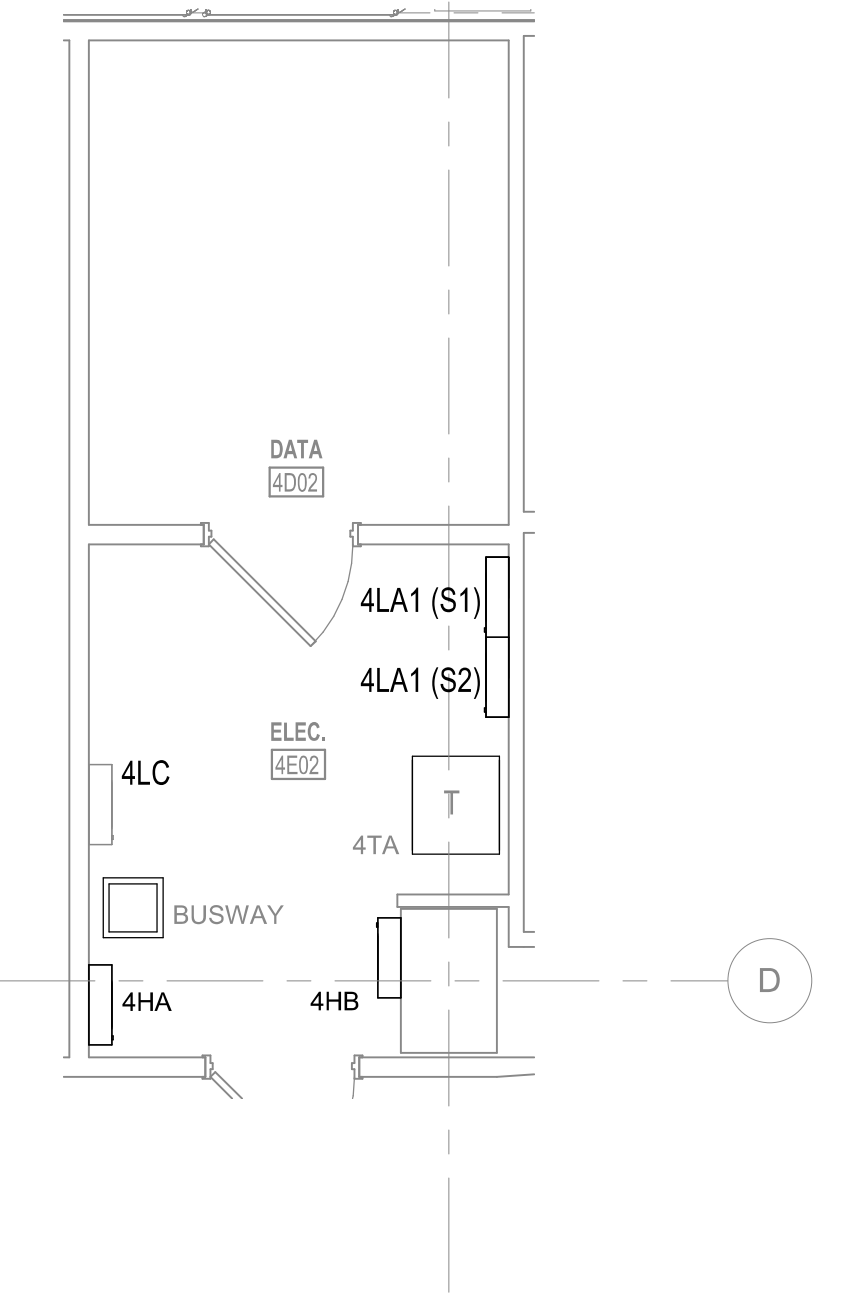
MAIN DISTRIBUTION BOX 4C/D

- ZDB - 4B1: CKTS 4LB - 1,3,5,7,9
- ZDB - 4B2: CKTS 4LB - 2,4,6,8,10
- ZDB - 4B3: CKTS 4LB - 11,13,15,17,19
- ZDB - 4B4: CKTS 4LB - 12,14,16,18,20
- ZDB - 4B5: CKTS 4LB - 21,23,25,27,29
- ZDB - 4B6: CKTS 4LB - 22,24,26,28,30
- ZDB - 4B7: CKTS 4LB - 31,33,35,37,39
- ZDB - 4B8: CKTS 4LB - 32,34,36,38,40
- ZDB - 4B9: CKTS 4LB - 41,43,45,47,49
- ZDB - 4B10: CKTS 4LB - 42,44,46,48,50

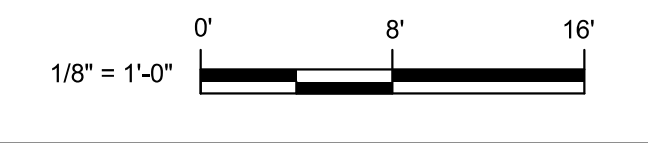
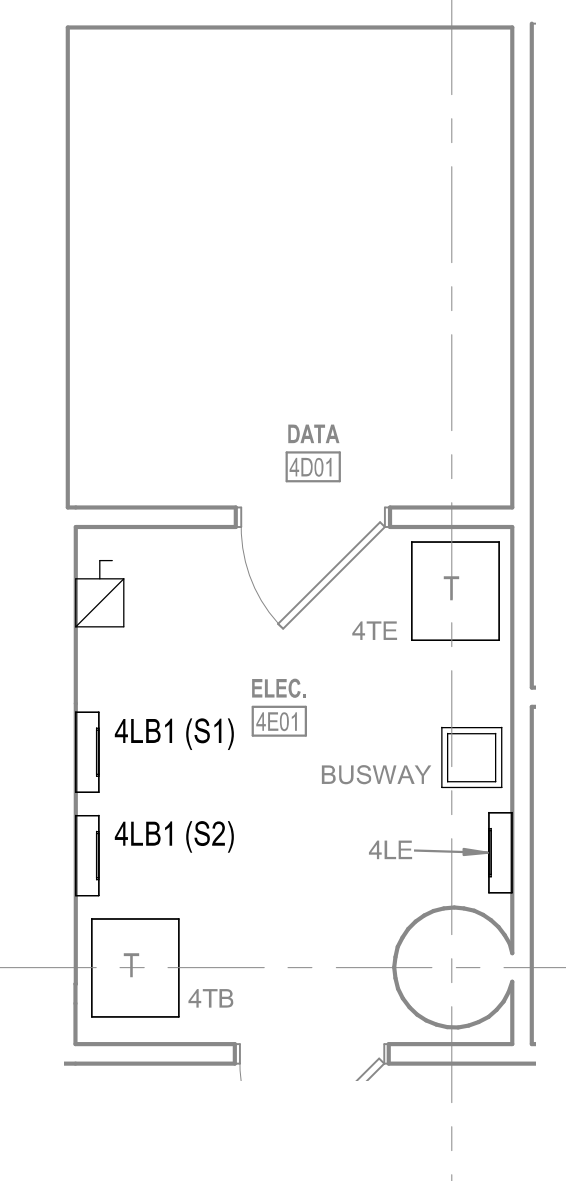
KEYED NOTES - ED20

- DISCONNECT AND REMOVE DEVICE. REMOVE CONDUCTORS BACK TO RESPECTIVE ZONE DISTRIBUTION BOX (ZDB). REUSE BOX, REUSE CONDUIT AND CONDUCTORS WHERE POSSIBLE.
- DISCONNECT AND REMOVE DEVICES IN THIS SPACE UNLESS OTHERWISE NOTED. REMOVE CONDUIT AND CONDUCTORS BACK TO RESPECTIVE ZONE DISTRIBUTION BOX (ZDB).
- REMOVE DISCONNECT SWITCH FROM PANEL 4HB. REMOVE CONDUIT AND CONDUCTORS BACK TO THE PANEL.
- COORDINATE RE-ZONING WITH MECHANICAL PLANS. RECONFIGURE CONDUCTORS AS NECESSARY. (TYPICAL OF ALL BASE HEATERS)
- COORDINATE LOCATION OF EQUIPMENT TO BE DEMOLISHED WITH DIV 23. DISCONNECT CONDUCTORS. REMOVE CONDUIT, CONDUCTORS AND ASSOCIATED EQUIPMENT TO NEAREST JUNCTION BOX OR POWER SOURCE.
- EXISTING BASE HEATER CIRCUIT.

2 ELECTRICAL ROOM 4E02 & DATA ROOM 4D02
1/4" = 1'-0"



3 ELECTRICAL ROOM 4E01 & DATA ROOM 4D01
1/4" = 1'-0"



CONSULTANT

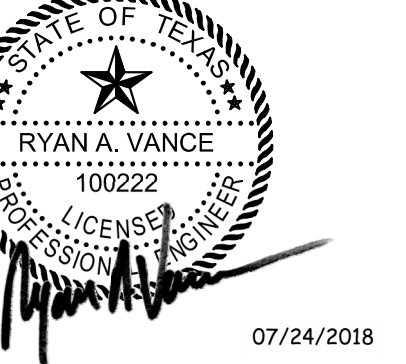


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REVISIONS

1 07/24/2018 ADDENDUM NO. 1

Tx. Registration # F-2113



PROJECT NAME

UTHealth

Jane and Robert Cizik
School of Nursing

The University of Texas
Health Science Center at Houston

**SIMULATION
CENTER**

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE

ISSUE FOR
CONSTRUCTION

DATE

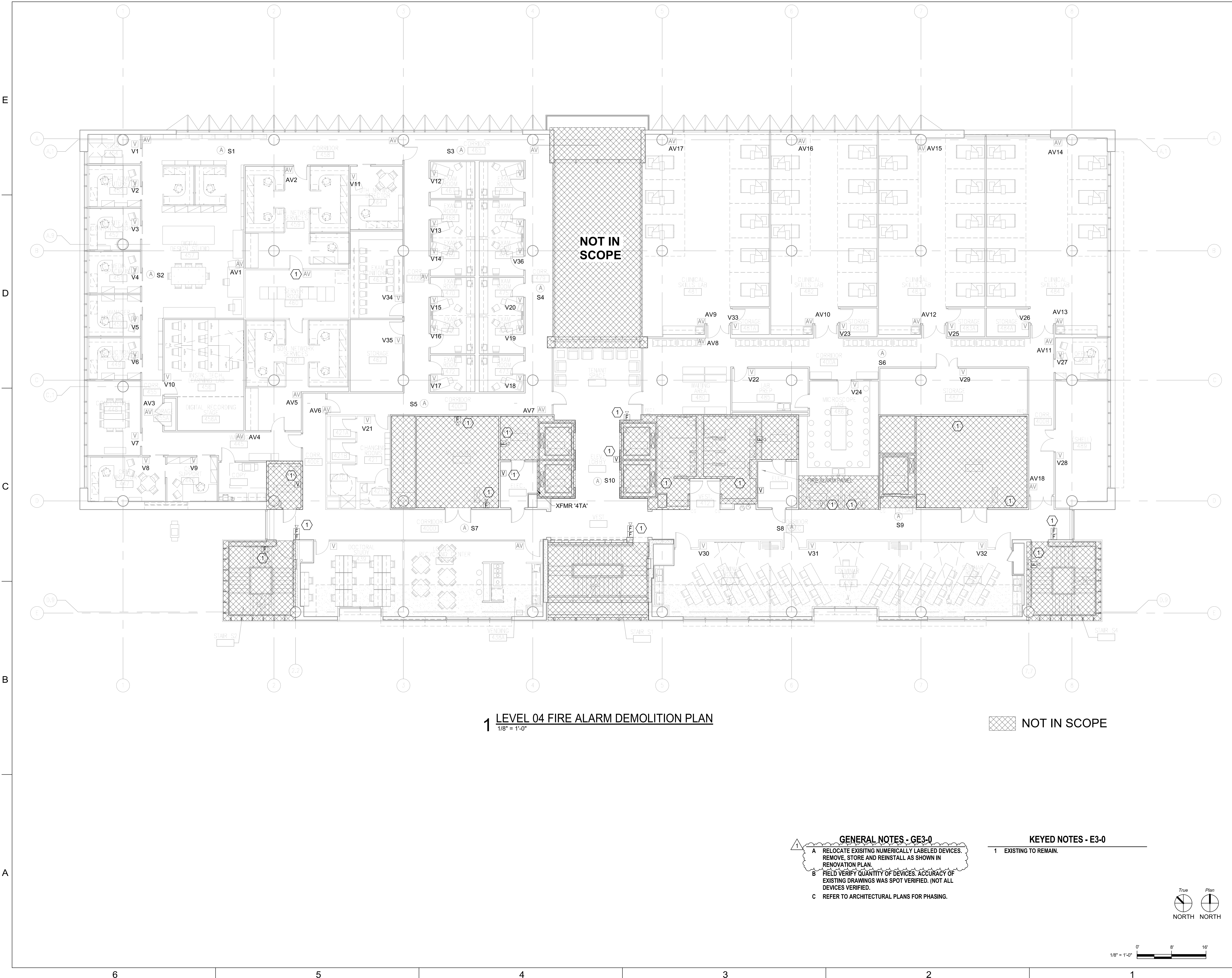
07/02/2018

DRAWING TITLE

**LEVEL 04 FIRE
ALARM
DEMOLITION PLAN**

DRAWING NUMBER

ED3.0

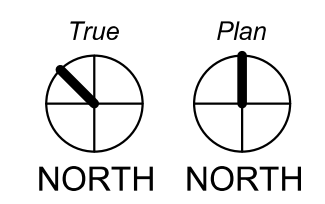


1 LEVEL 04 FIRE ALARM DEMOLITION PLAN
1/8" = 1'-0"

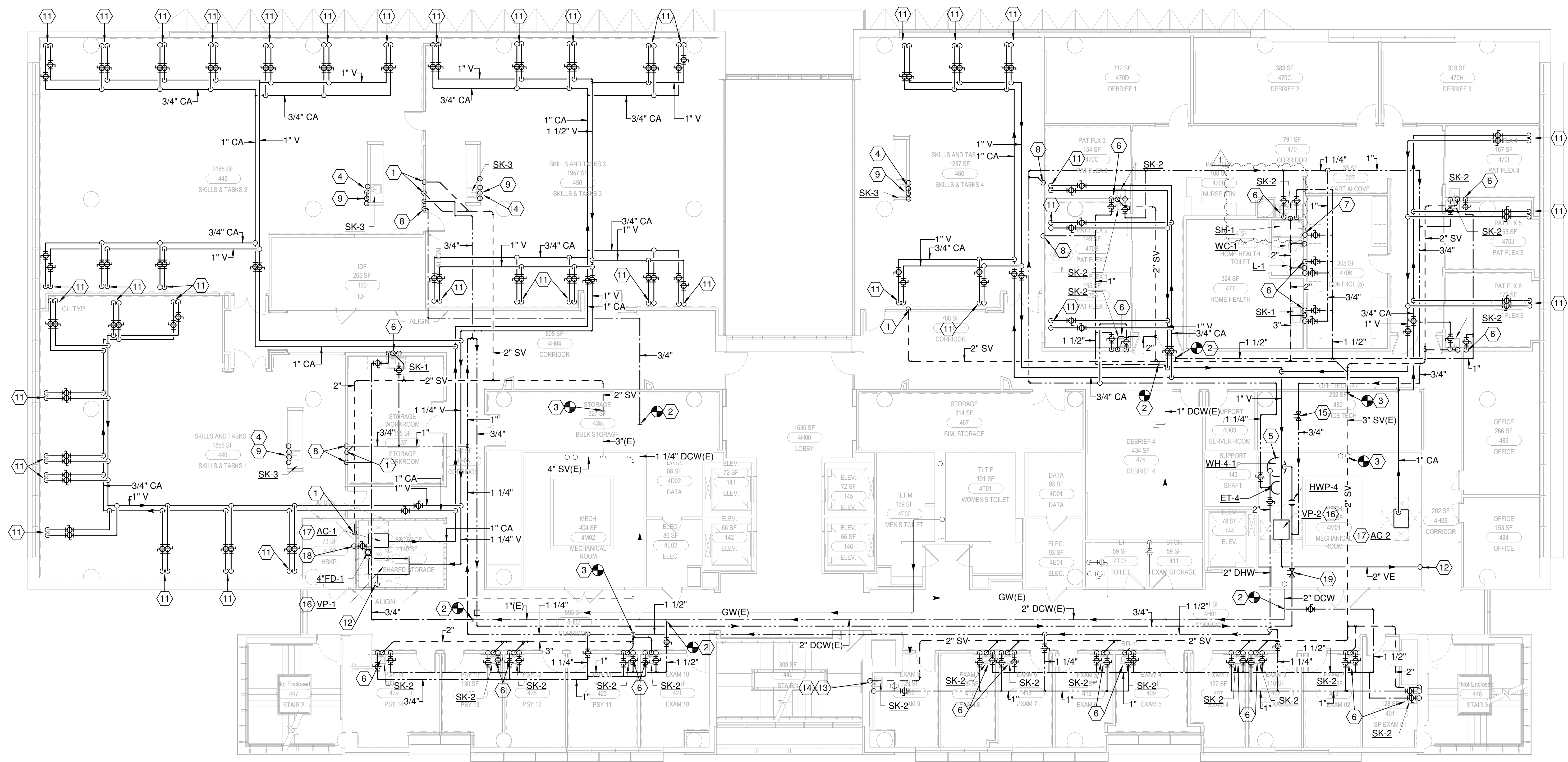
NOT IN SCOPE

- GENERAL NOTES - GE3-0**
- A RELOCATE EXISTING NUMERICALLY LABELED DEVICES. REMOVE, STORE AND REINSTALL AS SHOWN IN RENOVATION PLAN.
 - B FIELD VERIFY QUANTITY OF DEVICES. ACCURACY OF EXISTING DRAWINGS WAS SPOT VERIFIED. (NOT ALL DEVICES VERIFIED.)
 - C REFER TO ARCHITECTURAL PLANS FOR PHASING.

- KEYED NOTES - E3-0**
- 1 EXISTING TO REMAIN.



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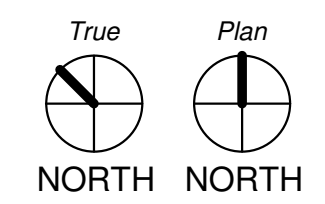
1 LEVEL 4 PLUMBING RENOVATION PLAN
1/8" = 1'-0"

GENERAL NOTES

- A. PROVIDE PROSET TRAP GUARD IN ALL FLOOR DRAINS.

KEYED NOTES - P2.4

- 1 2" VENT FROM UNDER RAISED FLOOR.
- 2 CONNECT INTO EXISTING DCW.
- 3 CONNECT INTO EXISTING VENT LINE.
- 4 ISLAND VENTING VENT PIPE ROUTED UNDER RAISED FLOOR. RE: 4/P9.0 FOR DETAIL.
- 5 REFER TO 7/P9.0 FOR WATER HEATER DETAIL.
- 6 3/4" DCW AND 3/4" DHW DOWN TO SINK. 2" VENT UP, 2" SANITARY DOWN.
- 7 1" DCW DOWN TO WATER CLOSET. 4" SAN DOWN, 2" VENT UP.
- 8 3/4" DCW AND 3/4" DHW DOWN WALL TO UNDER RAISED FLOOR.
- 9 3/4" DCW AND 3/4" DHW UP TO FIXTURE. 2" SAN DOWN, 2" ISLAND VENT DOWN. RE: PU2.4 FOR CONTINUATION.
- 11 3/4" LV AND 1/2" CA TO SIMULATED HEAD WALL ASSEMBLY. REFER TO ARCHITECTURAL PLANS FOR DETAIL.
- 12 2" VACUUM EXHAUST DOWN.
- 13 RECONNECT 3/4" DCW TO FIXTURE.
- 14 3/4" DHW DOWN TO FIXTURE. 2" SAN WITH P-TRAP DOWN, 2" VENT UP.
- 15 BALANCING VALVE AND CIRCUIT SETTER. BALANCE TO 0.5 GPM.
- 16 REFER TO 8/P9.0 FOR VACUUM PUMP DETAIL.
- 17 REFER TO 9/P9.0 FOR AIR COMPRESSOR DETAIL.
- 18 1/2" DCW DOWN TO TRAP PRIMER ASSEMBLY.
- 19 BALANCING VALVE AND CIRCUIT SETTER BALANCE TO 0.75 GPM.



PROJECT NAME
UTHealth
Jane and Robert Cizik
School of Nursing
The University of Texas
Health Science Center at Houston
SIMULATION CENTER

PROJECT NUMBER
045017.0000
CIP 1601
ISSUE
ISSUE FOR CONSTRUCTION
DATE
07/02/2018

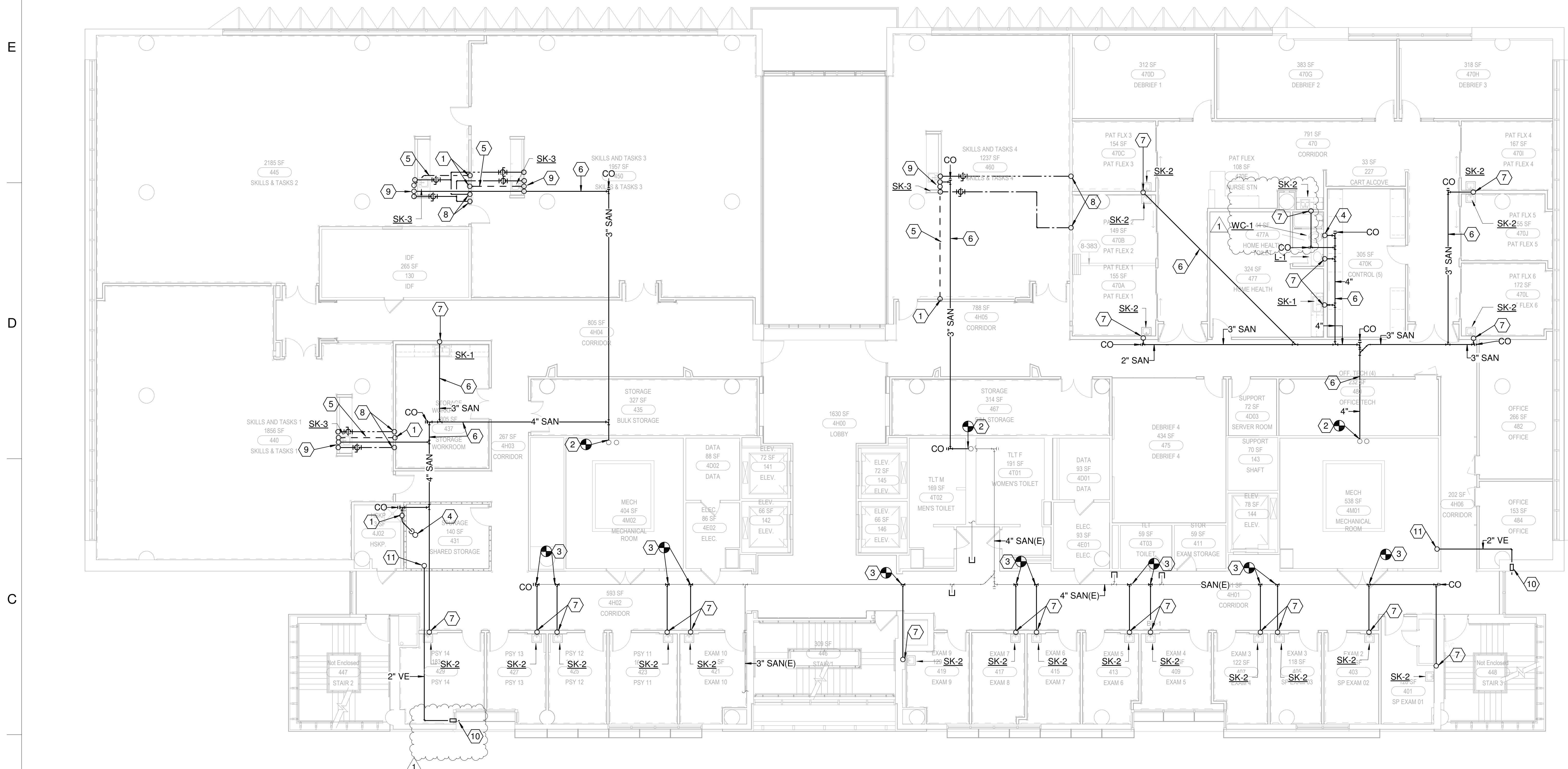
DRAWING TITLE
LEVEL 4 PLUMBING RENOVATION PLAN
DRAWING NUMBER
P2.4

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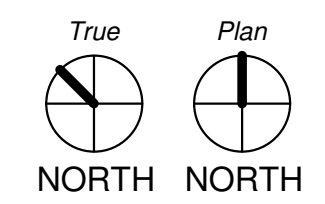
1 07/24/2018 ADDENDUM NO. 1



LEVEL 4 PLUMBING RENOVATION PLAN UNDER RAISED FLOOR
1/8" = 1'-0"

KEYED NOTES - PU2.4

- 1 2" VENT UP.
- 2 CONNECT INTO EXISTING SANITARY RISER.
- 3 CONNECT INTO EXISTING HORIZONTAL SANITARY MAIN.
- 4 4" SAN FROM FIXTURE.
- 5 ISLAND VENTING VENT PIPE. RE: 4/P9.0 FOR DETAIL.
- 6 SAN PIPE ROUTED UNDER RAISED FLOOR.
- 7 2" SANITARY FROM FIXTURE.
- 8 3/4" DCW AND 3/4" DHW FROM ABOVE.
- 9 3/4" DCW AND 3/4" DHW UP TO FIXTURE. 2" SAN DOWN, 2" ISLAND VENT DOWN.
- 10 2" VACUUM EXHAUST THRU WALL. RE: 6/P9.0 FOR DETAIL.
- 11 2" VACUUM EXHAUST FROM ABOVE.



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