DATE: February 28, 2025

TO: Potential Respondents

FROM: Carrie Stoeckert—Construction Contract Expeditor III

SUBJECT: Addendum #1
RFQ752-25-1004CS
Chilton Hall 111 Renovation

NOTICE:

Addendum Number 1:

Revisions to Construction Drawings found attached. This Addendum becomes a part of the Contract Documents and shall be acknowledged by each bidder on the proposal form.

ADDENDUM NO. 01

PROJECT: Chilton Hall Level 1 Renovation
HE0569.2401.00

DATE: February 27, 2025

DISTRIBUTION: [Client, Consultants, Contractor]

For corrections or clarifications, contact: Nada Hamida
nhamida@treanor.design

This Addendum becomes part of the Contract Documents and shall be acknowledged by each bidder on the proposal form. All parties of the original specifications and drawings shall remain in force except as noted below:

ITEM	DETAIL
	GENERAL
1.1	**Revisions to room 108E**
	1. Eliminate the casework on the west and east sides of the room. The only casework that will remain will be on the north end of the rooms (right-hand side of plan).
	2. Eliminate the two sinks within the room and the sink just to the east of the room, on the north counter in room 108.
	3. The overhead security grille will be removed and replaced with a solid partition (A3a). The 4 vending machines will be located on the west side of this new partition.
	4. Eliminate door 108E and the associated wall to the west of the door opening. The wall to the east of the door opening will remain in order to hide the side of the vending machines.
	5. The two microwaves in the room will be located on the north counter – these will be the only two microwaves. There will be no microwave in the seating area in room 108.
	6. The ceiling will remain mostly the same but adjusted to accommodate changing the security grille with a partition.
1.2	**DSI/Classroom tech scope**,
	A standalone DX/hydronic unit will be added to provide dedicated cooling for the server rooms. Sizing and specs will be in a forthcoming addendum/ASI this
1.3	**UNT WISE area:**
	Seal all abandoned penetrations in the slab at this area.
	DRAWINGS (REISSUED SHEETS WITH MODIFICATIONS)
1.4	G002 CODE PLAN:
	A. Added 1-hour designation at Corridor.
1.5	A005 PARTITION DETAILS AND NOTES:
	A. Changed Partition Type K3a1 to K3a.
	B. Added A3a1 to “WALL SCHEDULE”.
1.6	AD101 DEMOLITION LEVEL 1
	A. Changed graphics to show Conference Room wall demo.

ITEM	DETAIL

1.7 A101 FLOOR PLAN – LEVEL 1

A. Adjusted door tags.
B. Revised partition tag.

1.8 A401 ENLARGED PLANS

A. Revised partition tag.

1.9 A411 ENLARGED RESTROOM PLANS, ELEVATIONS, AND ACCESSORY SCHEDULE

A. Revised misc. partition tags.

1.10 A501 INTERIOR DETAILS

A. A1; Revised notes.
B. A1; Adjusted graphics.
C. A3; Revised notes.

1.11 A601 DOOR, INTERIOR GLAZING, AND EQUIPMENT SCHEDULE

A. Revised Door Schedule as indicated.
B. Added dimensions at 'N' door.
C. Revised glazing types.
D. Added Model and Manufacturer to Equipment Schedule.

1.12 A701 FINISH SCHEDULE

A. Added product for Concrete Sealer.
B. Added PT-4.
C. Removed Unreferenced items.

1.13 A711 FINISH PLANS – LEVEL 1

A. Removed Level 5 finish.
B. Corrected detail reference.
C. Corrected paint tag.

1.14 A751 CASEWORK DETAILS

A. Added notes to Lavatory section.
B. Revised Spec. Section reference.

1.15 A801 SIGNAGE FLOOR PLAN

A. Added signage associated with *Area of Refuge*.

1.16 S2.02 SECOND FLOOR FRAMING PLAN

A. Added detail reference.

1.17 ED201

A. Called out location of main electrical room for reference. Called out (2) locations where conduits need to be investigated and rerouted.

1.18 E201

ITEM	DETAIL

A. Called out location of main electrical room for reference. Added a note about bringing up to code any electrical items that remain.

1.19 E501

A. Clarified one-line diagram to show Dist. Panel DP1 attached to Main Switchboard.

1.20 T101

A. Telecom Floor Plan – General Notes

Remove all inactive category cabling above ceiling, along with associated data jacks, tracing them back to the patch panel and ensuring proper disconnection and disposal.

1.21 T151

A. Telecom RCP – General Notes
   a. Remove all inactive category cabling above ceiling, along with associated data jacks, tracing them back to the patch panel and ensuring proper disconnection and disposal.
   b. Ensure proper support for existing category cabling above the ceiling by installing j-hook supports where feasible.

1.22 MD101

A. UPDATED: Area A, B, & C note on the floor plan.
B. ADDED: Location of existing abandoned equipment to be removed.
C. ADDED: Notes by symbol #15, #16, #17, and #18.

1.23 M101

A. ADDED: Fire dampers to existing ductwork at the new corridor rated partitions.
B. ADDED: Fire dampers to the transfer air devices at the new corridor rated partitions.
C. MODIFIED: Notes by symbol #17.
D. ADDED: Notes by symbol #19.
E. ADDED: Sheet notes #5 and #6.

1.24 M201

A. ADDED: Location of abandoned hydronic piping to be capped.
B. MODIFIED: Sheet notes #1.
C. ADDED: Notes by symbol #7.
D. ADDED: Sheet notes #4 and #5.

1.25 M301

A. MODIFIED: Mechanical general notes #17.
B. ADDED: Mechanical general notes #19, #20, and #21.

1.26 PD101

A. UPDATED: Area A, B, & C note on the floor plan.
B. ADDED: Location of existing floor cleanouts and existing couplings to be replaced.
C. ADDED: Notes by symbol #9 and #10.
D. ADDED: Sheet notes #3, #4, and #5.

1.27 P301

A. ADDED: Plumbing general notes #20 and #21.

PROJECT MANUAL/SPECIFICATIONS (REISSUED SPECIFICATION SECTIONS W/ MODIFICATIONS)

1.28 Section 01 1000 Table of Contents:

A. Removed 08 1116
B. Removed 10 1100
C. Removed 10 1419

ITEM	DETAIL

D. Removed 10 1423

1.29 Section 01 1000 Table of Contents-Volume 1:

A. Removed 08 1116
B. Removed 10 1100
C. Removed 10 1419
D. Removed 10 1423

1.30 Section 01 1000 Table of Contents-Volume 2:

A. Removed 26 2213
B. Removed 26 2923

1.31 Section 08 1213 Hollow Metal Frames

A. Removed paragraph 2.01, I.

END OF ADDENDUM

YOUR INITIALS/admin staff

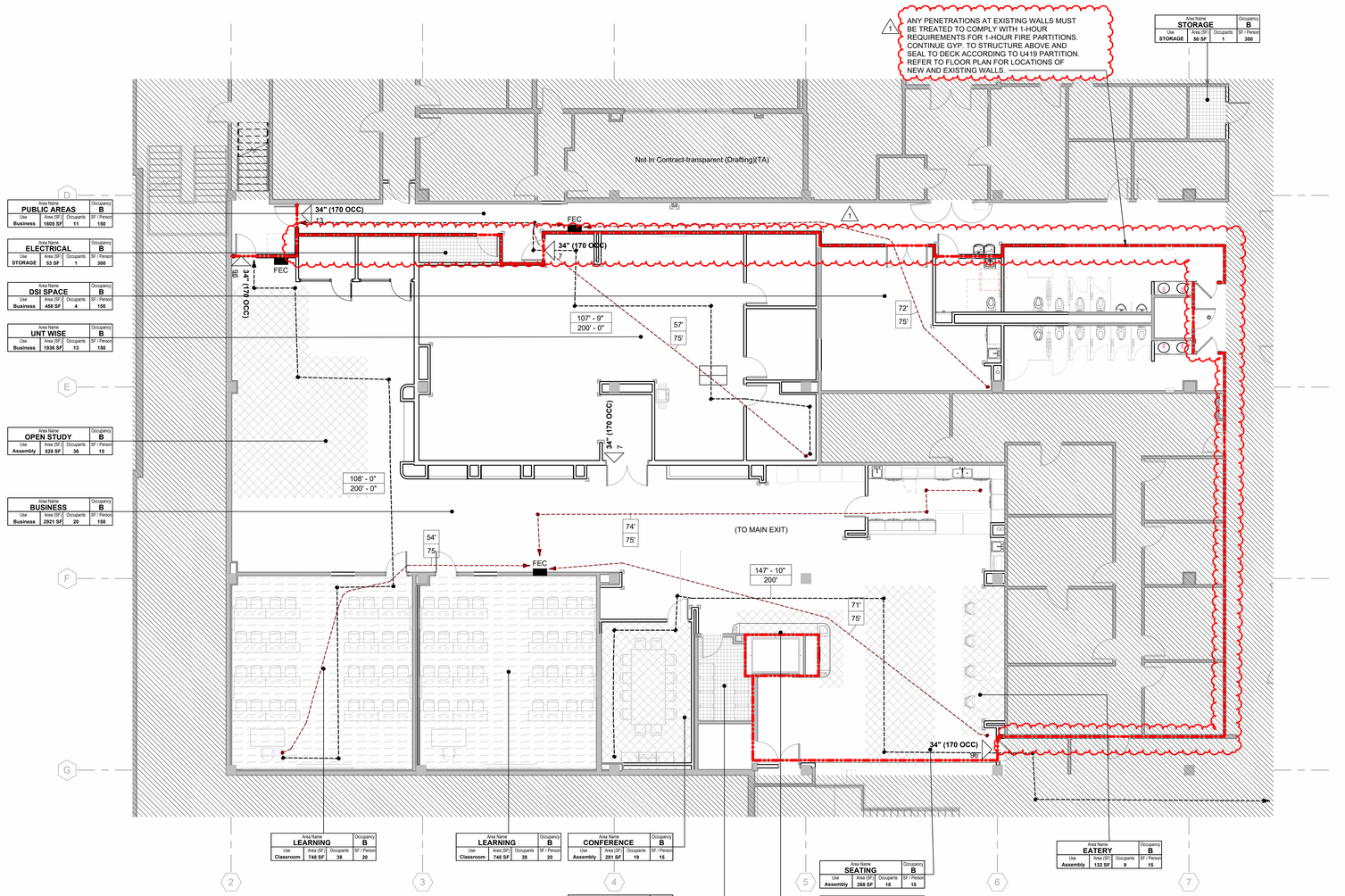
PLUMBING FIXTURE COUNT

OCC. TYPE	# OF OCC.	OCC/ GENDER	MIN. # OF WATER CLOSETS RATIO M	MIN. # OF WATER CLOSETS RATIO W	REQ'D WATER CLOSETS M	REQ'D WATER CLOSETS W	MIN. # OF LAVATORIES RATIO M	MIN. # OF LAVATORIES RATIO W	REQ'D LAVATORIES M	REQ'D LAVATORIES W	MIN. # OF DRINKING FOUNTAINS RATIO	REQ'D DRINKING FOUNTAINS	SERVICE SINKS
BUSINESS	48	24	(1/25) FOR THE 1ST 50 (1/50) FOR REMAINING		0.96	0.96	(1/40) FOR THE 1ST 80 (1/80) FOR REMAINING		0.6	0.6	(1/100)	0.24	
A-3	88	44	(1/125)	(1/65)	0.352	0.677	(1/200)		0.22	0.22	(1/500)	0.088	(1) SERVICE SINK
STORAGE	3	1.5	(1/100)		0.015	0.015	(1/100)		0.015	0.015	(1/1000)	0.0015	
CLASSROOM	76	38	(1/50)		0.76	0.76	(1/50)		0.76	0.76	(1/100)	0.38	
TOTAL:	215	107.5			2.087	2.412			1.595	1.595		0.7095	
			REQ'D		2	3			2	2		1	1
			PROVIDED		**6**	**7**			**2**	**3**		2	1
			DEFICIENT		-	-			-	-		-	-

IBC 2021 FUNCTION OF SPACE

OCCUPANCY COUNT

- ASSEMBLY - FIXED 3 OCC.
- ASSEMBLY - UNCONCENTRATED 100 OCC.
- BUSINESS 40 OCC.
- EDUCATIONAL - CLASSROOMS 75 OCC.
- STORAGE 3 OCC. **
- STORAGE - MECHANICAL



LEVEL 1 CODE PLAN

1/8" = 1'-0"

A1

0 4' 8' 16'

CODE REVIEW

GOVERNING CODES

- 2021 IBC INTERNATIONAL BUILDING CODE
- 2021 IMC INTERNATIONAL MECHANICAL CODE
- 2021 IPC INTERNATIONAL PLUMBING CODE
- 2021 IFGC INTERNATIONAL FUEL GAS CODE
- 2021 IFC INTERNATIONAL FIRE CODE
- 2018 IECC INTERNATIONAL ENERGY CONSERVATION CODE
- 2020 NFPA 1 FIRE CODE
- 2020 NFPA 101 LIFE SAFETY CODE
- 2023 NFPA 70 NATIONAL ELECTRICAL CODE
- 2013 NFPA 72 NATIONAL FIRE ALARM SIGNALING CODE
- 2012 TAS TEXAS ACCESSIBILITY STANDARDS

OCCUPANCY

B - BUSINESS

CONSTRUCTION TYPE

TYPE I-B*
*EXISTING BUILDING CLASSIFIED AS II-F.R. UNDER THE 1985 U.B.C.

GENERAL BUILDING HEIGHTS AND AREAS

Allowable: Type IB NS:
Business: Height: 160' - 0" (11stories), Unlimited SF

Actual:
Business: Height: 48' - 6" (3 stories), 118,000 SF (9,542 SF in scope)

FIRE RESISTANCE RATINGS - BUILDING ELEMENTS

Structural frame	2 hours
Exterior bearing walls	2 hours
Interior bearing walls	2 hours
Exterior non-bearing walls	0 hours
Non-bearing walls	0 hours
Shafts	2 hours
Floors/ceiling	2 hours
Roofs/ceiling	1 hours

FIRE PROTECTION SYSTEM

Fire Extinguishers
Provided throughout per NFPA 10. Max travel distance to be the nearest fire extinguisher location = 75' - 0"

MEANS OF EGRESS

Egress Width Factor without Sprinkler System .2
Egress Width Factor without Sprinkler System for Stairs .3

Exit Requirements per Floor:

1-500	2
501-1,000	3
>1,000	4

*All other levels are existing conditions with no changes
** Not in scope (Diagonal Hatch)

LIFE SAFETY LEGEND

USE DESIGNATION / OCCUPANT LOAD TAG

Use Designation: ASSEMBLY (W/O FIXED) | Occupancy B | Area (SF) 5,000 | Occupants 334 | SF / Person 15
- USE DESIGNATION
- OCCUPANT LOAD FACTOR
- CALCULATED OCCUPANT LOAD
- AREA PER USE (TOTAL)
- BUILDING OCCUPANCY CLASSIFICATION

LIFE SAFETY FIRE WALL GRAPHICS

- 0 HR FRR "SMOKE PARTITION"
- 1 HR FRR "FIRE BARRIER"
- 1 HR FRR "SMOKE BARRIER"
- 2 HR FRR "FIRE BARRIER"
- 2 HR FRR "FIRE WALL"
- 2 HR FRR "SMOKE BARRIER"
- 3 HR FRR "FIRE BARRIER"
- 3 HR FRR "FIRE WALL"

- EXIT ACCESS TRAVEL DISTANCE
- COMMON PATH OF TRAVEL DECISION POINT
- 42' - 6" (300' - 0") — TOTAL TRAVEL DISTANCE / ALLOWABLE DISTANCE
- 25' - 0" (75' - 0") — COMMON PATH DISTANCE / MAX. COMMON PATH

EGRESS COMPONENT CAPACITY

- ACTUAL EXIT WIDTH (CAPACITY) / ACTUAL OCCUPANT LOAD — EXTERIOR EXIT/ EXIT INFORMATION
- ACTUAL EXIT WIDTH (CAPACITY) / ACTUAL OCCUPANT LOAD — INTERIOR EXIT/ EXIT INFORMATION
- ACTUAL OCCUPANT LOAD AT EXIT
- EXIT WIDTH FACTOR
- REQUIRED EXIT WIDTH
- DIRECTION OF EXIT

- FEC — FIRE EXTINGUISHER & CABINET
- FEC — EXISTING FIRE EXTINGUISHER & CABINET
- FE — FIRE EXTINGUISHER & WALL MOUNTING BRACKET
- KNOX BOX - FIRE DEPARTMENT KEEPS KEYS

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UNT

Issued For:	ISSUE FOR CONSTRUCTION
Date:	01/16/2025

REVISIONS

NO	DESCRIPTION	DATE
1	ADDENDUM 1	02/27/2025

G002

CODE PLAN

Treanor NO. HE0569.2401.00

WALL SCHEDULE

TYPE	Type	DIM.	GYP. BD.	FIRE RATING	UL NO	STC(SOUND)	COMMENTS
A3a	A3a - MTL STUD_SGL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK_ACOUSTIC	4 7/8"					
A3f1	A3f1 - MTL STUD_SGL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK_FIRE PARTITION_1 HR	4 7/8"		1HR (Fire)	UL U419		
A6f1	A6f1 - MTL STUD_SGL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK_FIRE PARTITION_1 HR	7 1/4"		1HR (Fire)			
D3a1	D3a - MTL STUD_DBL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK_1 HR	6 1/8"		1HR (Fire)			
D3a	D3a - MTL STUD_DBL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK_ACOUSTIC	6 1/8"					
D3d2	D3d2 - MTL STUD_DBL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK_FIRE BARRIER_2 HR	6 1/8"		2HR (Fire)			
D3h2	D3h2 - MTL STUD_DBL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK_FIRE WALL_2 HR	6 1/8"		2HR (Fire Wall)			
F2a	F2a - MTL STUD_SGL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK	3 1/8"					
F3	F3 - MTL STUD_SGL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK	4 1/4"					
F3a	F3a - MTL STUD_SGL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK_ACOUSTIC	4 1/4"					
K3a	K3a - MTL DBL STUD_SGL LAYER OF GYP BD,BS_TO ROOF OR BOTTOM OF DECK_ACOUSTIC	8 3/8"					

PARTITION TYPE MARK (A3z1): PARTITION TYPE; DIMENSIONAL MODIFIER; TYPE MODIFIER; RATING - WHERE APPLIES

PARTITION TYPE:

A. MTL STUD_SGL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK
E. MTL STUD_SGL LAYER OF GYP BD, SS,DBL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK
F. MTL STUD_SGL LAYER OF GYP BD,SS_4" ABV CLG
H. MTL STUD_DBL LAYER GYP THE, SS,SGL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK
K. MTL DBL STUD_SGL LAYER OF GYP BD,BS_TO ROOF OR BOTTOM OF DECK

DIMENSIONAL MODIFIER

MTL STUD
0 - 7/8"
1 - 1 5/8"
2 - 2 1/2"
3 - 3 5/8"
4 - 4"
5 - 5"
6 - 6"

SHAFT WALL
2 - 2 1/2" SHAFT WALL FRAMING
4 - 4" SHAFT WALL FRAMING
6 - 6" SHAFT WALL FRAMING

TYPE MODIFIER:

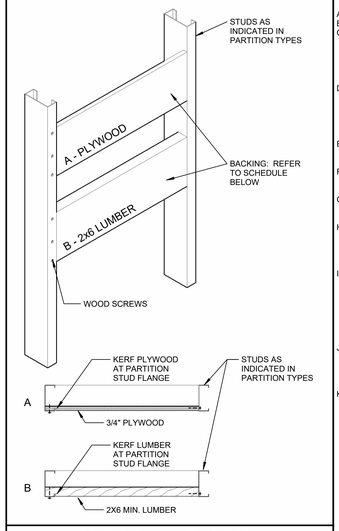
a. ACOUSTIC, SOUND, STC
b. EXPANDED METAL
c. EXPANDED METAL/ACOUSTIC, SOUND, STC
d. FIRE BARRIER
e. FIRE BARRIER/ACOUSTIC, SOUND, STC
f. FIRE PARTITION
g. FIRE PARTITION/ACOUSTIC, SOUND, STC
h. FIRE WALL
i. Do not use
j. FIRE WALL/ACOUSTIC, SOUND, STC
k. LEAD
l. Do not use
m. LEAD/ACOUSTIC, SOUND, STC
n. RF SHIELDED/ACOUSTIC, SOUND, STC
o. RF SHIELDED/ACOUSTIC, SOUND, STC/EXPANDED METAL
p. SECURITY
q. SECURITY/ACOUSTIC, SOUND, STC
r. SMOKE BARRIER
s. Do not use
t. RF SHIELDED/ACOUSTIC, SOUND, STC/LEAD

RATING:

0 - NON-RATED
1 - 1 HOUR
2 - 2 HOUR
3 - 3 HOUR
4 - 4 HOUR
5 - 1/2 HOUR

S - SMOKE

BACKING PLATE DETAIL:

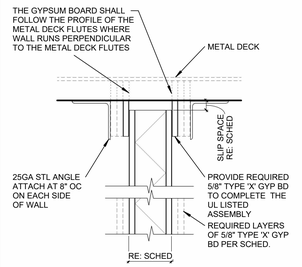


BACKING PLATE SCHEDULE

TYPE	A	B
DESCRIPTION	3/4" PLYWOOD	2X6 NOMINAL LUMBER

1. PROVIDE CONCEALED PLYWOOD OR LUMBER BACKING (FIRE-RETARDANT-TREATED WHERE REQUIRED) FOR SUPPORT OF WALL-MOUNTED GRAB BARS, HANDRAILS, FIXTURES, ACCESSORIES, SPECIALTIES, EQUIPMENT, TRIM AND CABINETS.
2. EXTEND BACKING TO NEXT STUD BEYOND ATTACHMENT LOCATION, BOTH DIRECTIONS.
3. ANCHOR BACKING SECURELY TO STUDS. KERF BACKING AT STUD FLANGES SO BACKING IS TIGHT TO BACK OF GYPSUM BOARD.

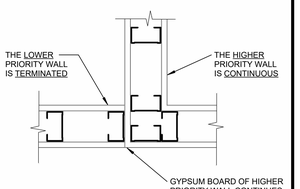
OPTIONAL HEAD DETAIL



PARTITION NOTES:

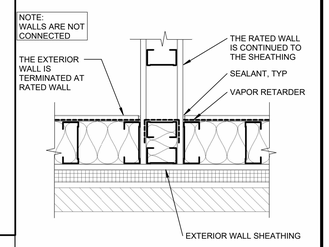
A. STUD SPACING IS 16 INCHES ON CENTER MAX.
B. REFER TO THE ARCHITECTURAL FLOOR PLANS (A100 SHEETS)
C. REFER TO THE DASHED LINES ON THE CODE PLANS (G005) FOR THE FIRE RATING LOCATIONS. PARTITIONS MUST CONFORM TO TESTED, RATED ASSEMBLIES WHEN THEY ARE INDICATED TO BE RATED ON THE ARCHITECTURAL CODE PLANS. WHEN NO RATING IS INDICATED, CONSTRUCT THE PARTITION PER THE INDICATED TYPE AS A NON-RATED ASSEMBLY.
D. LABEL FIRE AND SMOKE WALLS AS FOLLOWS: LABEL BOTH SIDES; LABEL ALL SECTIONS; USE 4" HIGH STENCILS; USE FLUORESCENT ORANGE PAINT; LOCATE ABOUT 12" ABOVE THE FINISHED CEILING; SPACE STENCILS 10 FEET OC MAX; SPECIFIC LABELS TO READ "1HR", "2HR", "1HR SMOKE", "2HR SMOKE", "SMOKE", ETC AS IDENTIFIED IN THE LIFE SAFETY PLANS.
E. PROVIDE STENCIL WITH THE LABEL "SOUND" AS DESCRIBED IN NOTE 3 ON ALL SOUND RATED WALLS IDENTIFIED BY A "#" SUFFIX AND THAT GO TO STRUCTURE.
F. PROVIDE FIRE STOP & SMOKE STOP SYSTEMS PER SPECIFICATION AT ALL PENETRATIONS & OPENINGS (INCLUDING THE PERIMETER) THROUGH FIRE RATED WALLS.
G. SEAL ALL PENETRATIONS & OPENINGS (INCLUDING THE PERIMETER) PER SPECIFICATIONS IN ALL SOUND RATED WALLS INDICATED BY A "#" SUFFIX.
H. THE PARTITION TYPES INDICATE THE BASIC WALL CONSTRUCTION ONLY. REFER TO ALL OF THE CONSTRUCTION DOCUMENTS FOR OTHER REQUIREMENTS INCLUDING: MECHANICAL, ELECTRICAL, PLUMBING, BLOCKING & BACKING, WALL BASE, WALL FINISH, AND RECESSED & SURFACE MOUNTED EQUIPMENT.
I. PROVIDE TESTED, RATED ASSEMBLIES AT THE TOP OF ALL PARTITIONS INDICATED TO BE FIRE OR SMOKE RATED THAT EXTEND TO THE BOTTOM OF STRUCTURE OR DECK ABOVE. ALL ASSEMBLIES SHALL BE TESTED BY UNDERWRITERS LABORATORY OR OTHER TESTING FACILITY ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. PROVIDE A FIRE AND SMOKE RATING CONSISTENT WITH THE PARTITION. THE ASSEMBLY SHALL ALLOW VERTICAL MOVEMENT PER THE SLIP SPACE SCHEDULE.
J. WHEN WALLS CONTINUE PAST INTERMEDIATE STRUCTURE, FOR EXAMPLE IN MULTI-STORY STAIR ENCLOSURES, ATTACHMENT TO INTERMEDIATE STRUCTURE SHALL BE WITH A SLOTTED CONNECTION OR OTHER MEANS SO THAT STRUCTURAL DEFLECTION WILL NOT TRANSFER LOADS TO WALL FRAMING.
K. WHERE METAL DECK ASSEMBLIES AND FIRE RATED WALLS MEET, THE CONTRACTOR MAY INSTALL FIRE RATED MINERAL BATT INSULATION WITH FIRE CAULKING OR USE THE HEAD OF DETAIL SHOWN BELOW THE SLIP SPACE SCHEDULE ON THIS SHEET TO COMPLETE THE UL LISTED ASSEMBLY.

PARTITION PRIORITY:

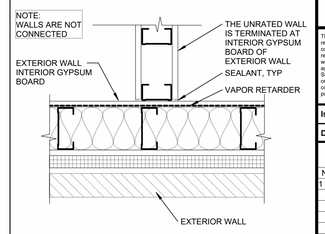


PARTITION TYPE	PRIORITY
3 HOUR FIRE	1 - HIGHEST
2 HOUR SHAFT	2
2 HOUR FIRE	3
1 HOUR SHAFT	4
1 HOUR	5
SMOKE	6
ACOUSTIC	7
NO FIRE OR ACOUSTIC RATING	8 - LOWEST

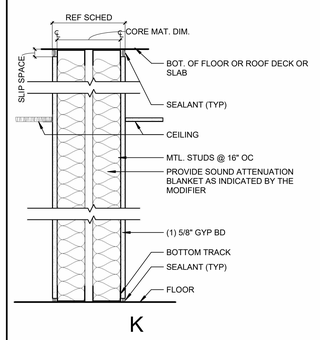
PARTITION TERMINATIONS AT EXTERIOR WALL:



RATED INTERIOR PARTITION



UNRATED INTERIOR PARTITION



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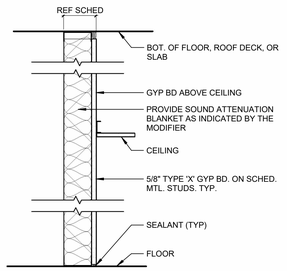

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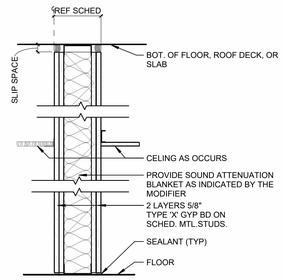

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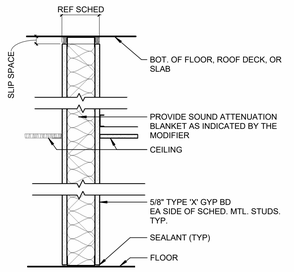

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Issued For:	ISSUE FOR CONSTRUCTION
Date:	01/16/2025

REVISIONS

NO	DESCRIPTION	DATE
1	ADDENDUM 1	02/27/2025

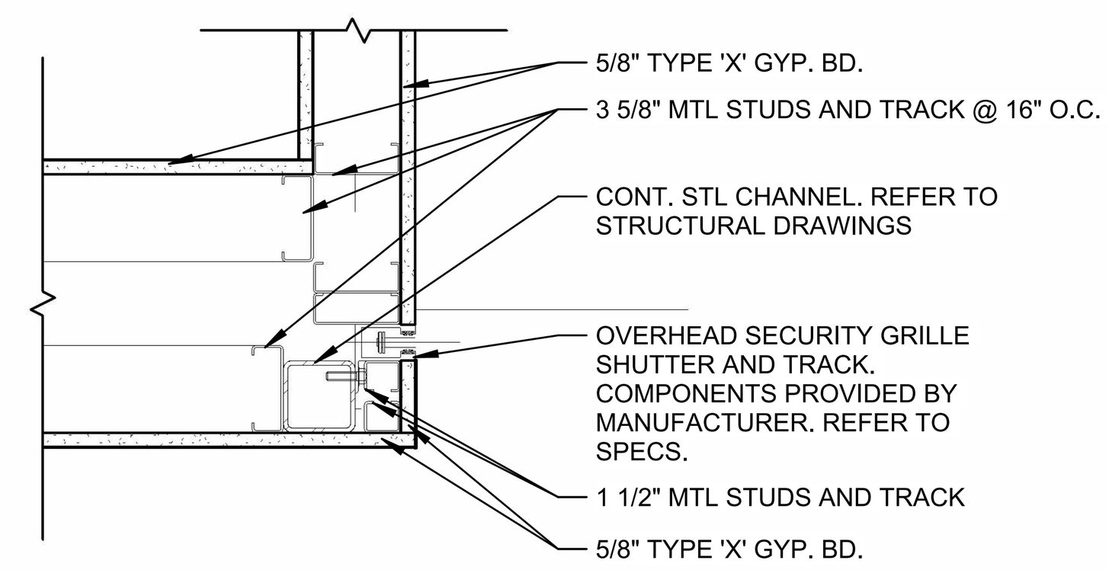
A005

PARTITION DETAILS AND NOTES

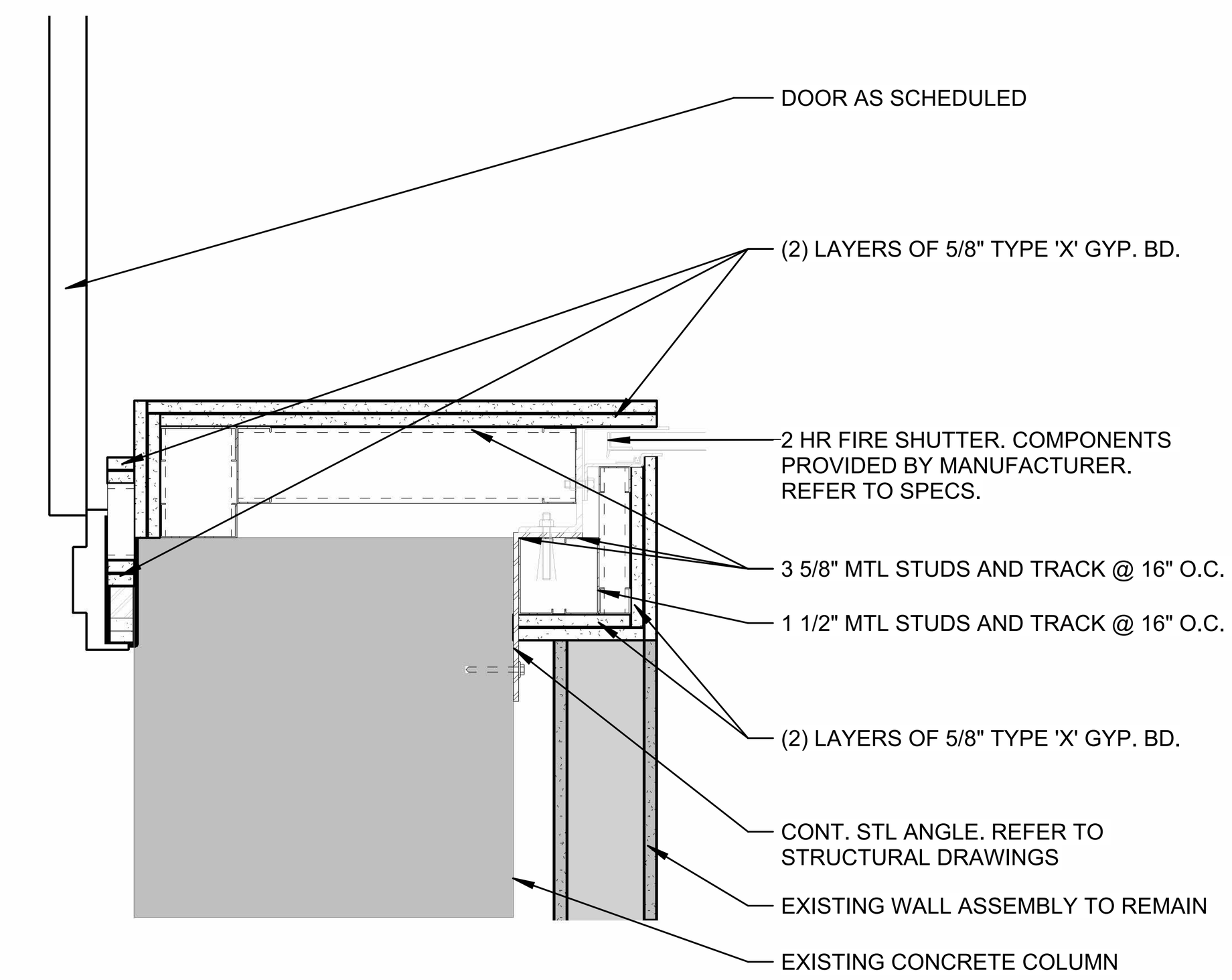
Treanor NO. HE0569.2401.00

FLOOR PLAN NOTES-GENERAL

A. DO NOT SCALE DRAWINGS.
B. ALL DIMENSIONS ARE TO FACE OF FINISH, UNLESS OTHERWISE NOTED.
C. ALL ANGLES SHOWN ON THE FLOOR PLANS ARE 90 DEGREES UNLESS OTHERWISE NOTED.
D. FURNISHINGS (SHOWN IN HALFTONE) ARE SHOWN FOR GENERAL COORDINATION AND ARE NOT INCLUDED IN SCOPE OF WORK.
E. EQUIPMENT SHOWN FOR COORDINATION ONLY. REFER TO EQUIPMENT SCHEDULE FOR DIMENSIONS. VERIFY EQUIPMENT ROUGH-IN DIMENSIONS WITH MANUFACTURER AND/OR WITH REUSED OR EXISTING EQUIPMENT.
F. COORDINATE ALL FLOOR CORE DRILLING WITH EXISTING STRUCTURE.
G. PATCH AND LEVEL FLOOR SUBSTRATES TO RECEIVE NEW WORK AS SCHEDULED.
H. PATCH AND REPAIR CEILING AS REQUIRED FOR NEW LAYOUT. CONTRACTOR TO REPAIR ALL CEILINGS TO MATCH EXISTING WHERE PARTITIONS HAVE BEEN DEMOLISHED AND EXISTING CEILING IS TO REMAIN.
I. PATCH WALLS AT REMOVED RECEPTACLE OPENINGS SO AS TO RECEIVE SUBSEQUENT WORK.
J. PATCH EXISTING FIRE-RATED WALLS, FLOORS, CEILINGS, ETC. SO AS TO MAINTAIN THE FIRE-RATING. ADD FIRE-SMOKE DAMPERS WHERE NEW DUCTS CROSS. ADD FIRE STOP AT ALL PENETRATIONS.
K. PATCH EXISTING CONSTRUCTION SCHEDULED TO REMAIN. REPAIRED SURFACES TO BE FLUSH WITH ADJACENT FINISH SURFACES. PATCH, SAND, AND TEXTURE EXISTING SURFACES TO SAME QUALITY AS NEW CONSTRUCTION PRIOR TO INSTALLING NEW FINISHES. REFER TO THE FINISH MANUFACTURER'S GUIDELINES FOR INSTALLATION.
L. PROVIDE BLOCKING AS REQUIRED FOR MARKER BOARDS, DISPLAYS, AND ALL OTHER WALL MOUNTED ACCESSORIES PROVIDED BY OWNER. COORDINATE LOCATIONS WITH OWNER AND ARCHITECT.
M. ALL NEW PARTITIONS ARE A3a U.N.O.



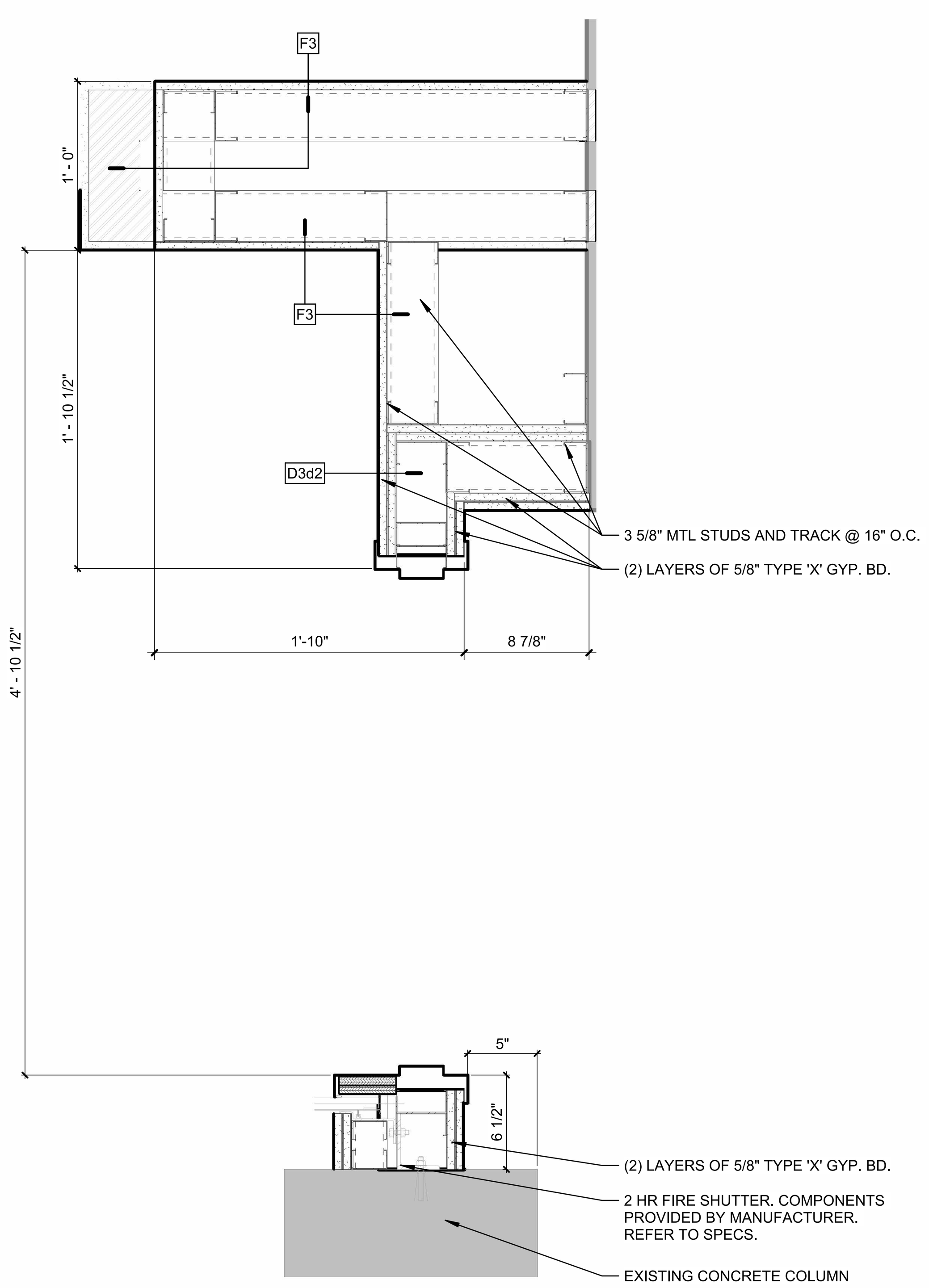
DETAIL AT SECURITY GRILLE D3
1 1/2" = 1'-0"



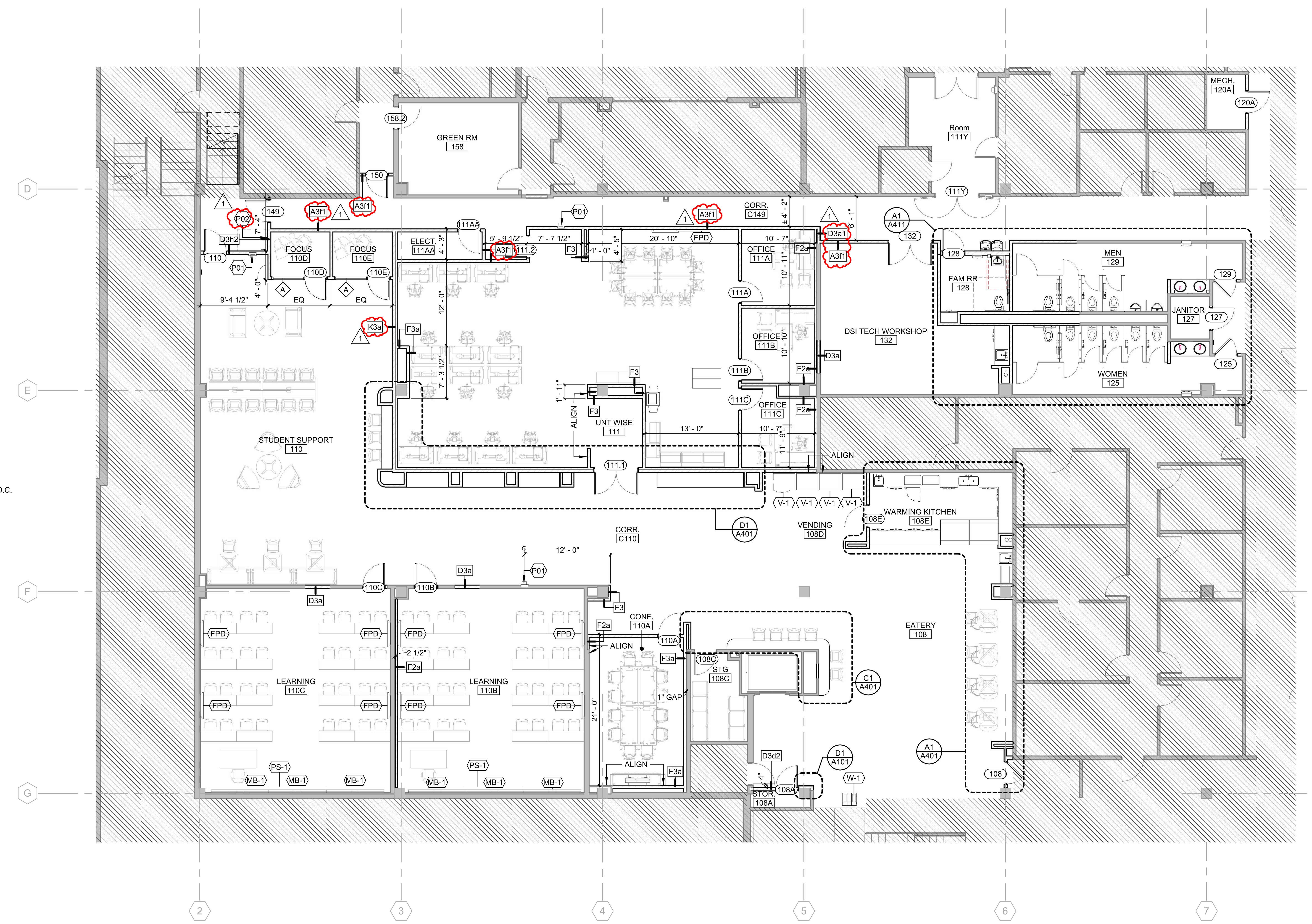
DETAIL AT FIRE DOOR D1
1 1/2" = 1'-0"

FLOOR PLAN NOTES

P01	NEW FIRE EXTINGUISHER CABINET
P02	2-WAY COMMUNICATION, REF. TECH. & MEP



DETAIL AT FIRE SHUTTER - EGRESS DOOR A5
1 1/2" = 1'-0"



FLOOR PLAN - LEVEL 1 A1
1/8" = 1'-0"

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A101

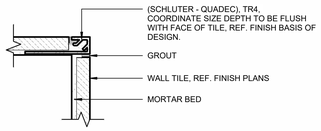
FLOOR PLAN - LEVEL 1

Treanor NO. HE0569.2401.00

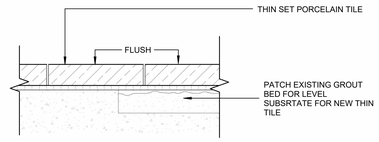
Autodesk Docs://HE0569.2401.00 UNT Chilton Hall Level 1 Renovation/Chilton Hall Level 1 Renovation_R24_Arch.rvt
2/27/2025 7:02:35 AM

A700 - BASIS-OF-DESIGN INTERIOR FINISHES

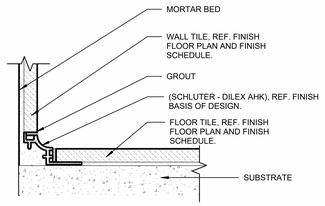
KEY NAME	MATERIAL	MANUFACTURER	STYLE / COLOR / SIZE	REMARKS
FLOOR FINISH				
CPT-1	CARPET TILE	EF CONTRACT	SPECTRAL DRIFT SDF38 VIRIDIAN	
CPT-2	CARPET TILE	INTERFACE	COLLECTION: WOOVEN GRADIENCE - COLOR: WG100 - 108058 PINE	
LVT-1	LUXURY VINYL PLANK	EF CONTRACT	PLATEAU 2.5mm - EARTH	
LVT-2	LUXURY VINYL PLANK	EF CONTRACT	PLATEAU 2.5mm - UMBRA	
PCT-1	PORCELAIN FLOOR TILE	DALTILE	COLLECTION: FABRIQUE - COLOR: GRIS LINEN P890 - RECTANGLE 12X24	
QFT-1	QUARRY FLOOR TILE	DALTILE	ARID GRAY 6"X6"	
SC	SEALED CONCRETE	BASF KURE-N-SEAL OR AQUA CURE BY EUCLID		REFER TO PROJECT MANUAL FOR SPECS
BASE FINISH				
RB-1	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE - Somber	
WALL FINISHES				
CG-1	CORNER GUARD			REFER TO PROJECT MANUAL FOR SPECS
CT-1	CERAMIC TILE	DALTILE	COLLECTION: SHOWSCAPE - COLOR: STYLISH WHITE RECTANGLE BRUSHSTROKE SH09- SIZE 12X24	
CT-2	CERAMIC TILE	DALTILE	COLLECTION: MYTHOLOGY - COLOR: CYCLADE RECTANGLE WAVE CREST MY94 - SIZE: 4X12	
CT-3	CERAMIC TILE	NASCO STONE+TILE	URANO VERDE/ GLOSSY CR-LC-UV-G	
PT-1	INTERIOR PAINT	SHERWIN WILLIAMS	HARMONY - SEMIGLOSS COLOR: SW7636 WHITE ORIGAMI	
PT-2	INTERIOR PAINT	SHERWIN WILLIAMS	HARMONY - EGGSHELL COLOR SW7502 DRY DOCK	
PT-3	INTERIOR PAINT	SHERWIN WILLIAMS	HARMONY - EGGSHELL COLOR SW9180 DRIED THYME	
PT-4	INTERIOR PAINT	SHERWIN WILLIAMS	TBD	AT HM DOOR FRAMES
TK-1	TILE TRIM	SCHLUTER	RONDEC ALUMINUM PROFILE - COLOR: MATTE WHITE - HEIGHT: 10mm (3/8")	AT RESTROOM WALL CORNERS
TR-2	TILE TRIM	SCHLUTER	DILEX-AHK ALUMINUM PROFILE - FINISH: SATIN ANODIZED - HEIGHT: 10mm	AT RESTROOM INSIDE WALL CORNERS AND WALL/FLOOR TRANSITIONS
VWC-1	VINYL WALL COVERING	MAHARAM	CASCADE -399852--008 AVOCADO	
VWC-2	VINYL WALL COVERING	MAHARAM	TEK-WALL LUCENT - 009 ALOCASIA	
VWC-3	VINYL WALL COVERING	MAHARAM	TEK-WALL LUCENT - 007 RIVERWAY	
WP-1	WOOD WALL PANELING	SURFACING SOLUTION	332 - WIRE BRUSHED WHITE OAK FLEXIBLE WOOD TAMBOUR - CLEAR POLYURETHANE FINISH.	
CEILING FINISHES				
APC1	2X2 ACOUSTICAL PANEL CEILING	ARMSTRONG COMMERCIAL	OPTIMA / WHITE / 24" x 24"	NRC .95
GBC-1	GYPSUM BOARD CEILING	-	-	
SAB-1	SUSPENDED ACOUSTICAL BAFFLES	MPS ACOUSTICS	EDGE CEILING BAFFLES - 7" H - PROFILE: CLASSIC - COLOR: MAIN STREET ELM	INSTALLATION HEIGHT: 9' 6" AFF. CONSULT WITH OWNER/ARCHITECT FOR FINAL LAYOUT
SAB-2	SUSPENDED ACOUSTICAL BAFFLES	MPS ACOUSTICS	LONDE CEILING BAFFLES - 7 3/4" H - COLOR: OCEAN	INSTALLATION HEIGHT: 9' 6" AFF. CONSULT WITH OWNER/ARCHITECT FOR FINAL LAYOUT
WSC-1	WOOD SLAT CEILING SYSTEM	ARMSTRONG COMMERCIAL	WOODWORKS GRILLE - FORTE SOLID WAL PANELS GRILLE	
MILLWORK FINISHES				
PLAM-1	PLASTIC LAMINATE	FORMICA	HPL COLLECTION - COLOR: NATURAL ASH - WOODBRUSH	
PLAM-2	PLASTIC LAMINATE	FORMICA	FENIX - COLOR: BIANCO MALE	
PLAM-3	PLASTIC LAMINATE	FORMICA	LAMINATE ANTIMICROBIAL COLLECTION - COLOR: 961A FOG ANTIMICROBIAL	
SS-1	SOLID SURFACE	ZODIAQ	MARBLE MIST	
SS-2	SOLID SURFACE	ZODIAQ	HI-MACS, COLOR:MOON DUST	
WINDOW TREATMENTS				
PF1	PRIVACY FILM	SOLYX	PATTERN: SX-9100 CHICAGO	



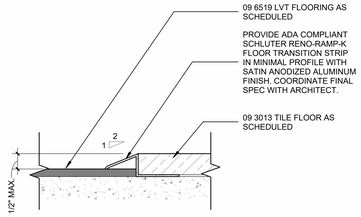
WALL TILE OUTSIDE CORNER TRIM B3
12" = 1'-0"



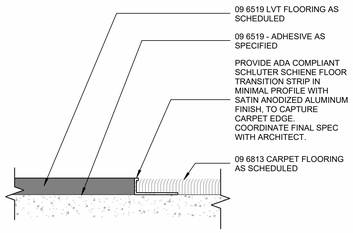
DETAIL AT RESTROOM FLOOR TILE B1
12" = 1'-0"



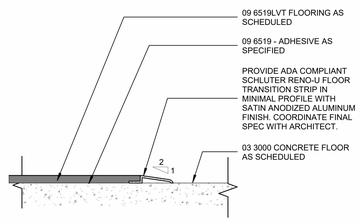
WALL/FLOOR TILE TRANSITION A5
12" = 1'-0"



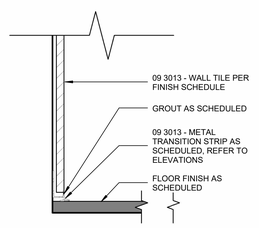
LVT TO TILE A4
12" = 1'-0"



CARPET TO LVT A3
12" = 1'-0"



CONCRETE TO LVT A2
12" = 1'-0"



BASE AT TILE WALL A1
6" = 1'-0"

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A701

FINISH SCHEDULE

Treanor NO. HE0569.2401.00

A602 - DOOR AND FRAME SCHEDULE

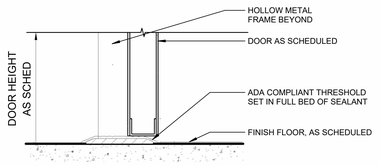
DOOR NO.	S/PR	DIMENSIONS WIDTH	DIMENSIONS HEIGHT	DOOR TYPE	DOOR MAT	DOOR FINISH	FRAME TYPE	FRAME MAT	FRAME FINISH	GLASS TYPE	DETAIL JAMB	DETAIL HEAD	DETAIL SILL	FIRE RATING	HDWR GROUP	REMARKS
108	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	90 Min	701R	
108A	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	90 Min	201C	
108C	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		C201	EXISTING TO REMAIN - ADD ACCESS CONTROL
108E	S	3' - 0"	7' - 0"	N	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		501C	
110	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	90 Min	721 RALK	EGRESS ONLY (ALARMED)
110A	S	3' - 0"	7' - 0"	N		STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		C201AC	ACCESS CONTROL 1
110B	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		C201C	ACCESS CONTROL 1
110C	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		C201C	ACCESS CONTROL
110D		3' - 0"	7' - 10"	FG	ALUM/GL	BLACK ANODIZED	-	ALUM/GL	BLACK ANODIZED	G-1	B3/A601	B3/A601	-		407A	
110E		3' - 0"	7' - 10"	FG	ALUM/GL	BLACK ANODIZED	-	ALUM/GL	BLACK ANODIZED	G-1	B3/A601	B3/A601	-		401A	
111.1	PR	6' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		AC770	DOOR OPERATOR
111.2	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	20 Min	501	
111A	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		103	
111AA	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	20 Min	201	
111B	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		103	
111C	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		103	
111Y	PR	6' - 0"	7' - 0"	N	WD	STAIN	S2	HM	PT	G-1	B1/A601	B1/A601	B2/A601		004	EXISTING DOOR, ADD NARROW LITE KIT
120A	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		201C	
125	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		801	
127	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		201C	
128	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	20 Min	301C	
129	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		801	
132	PR	6' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	20 Min	C200S	ACCESS CONTROL 1
149	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	90 Min	721R	
150	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601	20 Min	701	
158.2	S	3' - 0"	7' - 0"	F	WD	STAIN	S2	HM	PT		B1/A601	B1/A601	B2/A601		101	

1

1

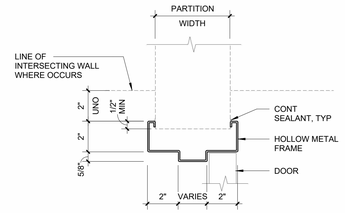
HEAD @ STOREFRONT B3

3" = 1'-0"



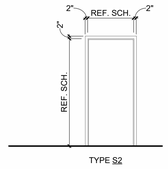
TYP. INTERIOR HM DOOR SILL B2

3" = 1'-0"



TYP. INTERIOR HM DOOR JAMB/HEAD B1

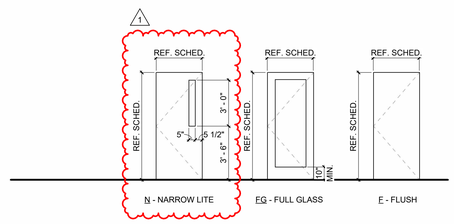
3" = 1'-0"



TYPE S2

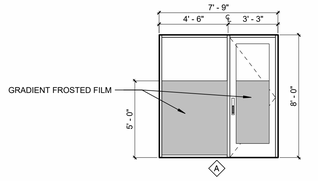
FRAME TYPES

1/4" = 1'-0"



DOOR TYPES

1/4" = 1'-0"



DOOR SCHEDULE NOTES:

1. REFER TO AXXX SERIES FOR DOOR HEAD JAMB AND SILL DETAILS.
2. ALL DOORS IN SMOKE RESISTANT PARTITIONS TO HAVE POSITIVE LATCHING.
3. FIRE-RATING GLAZING IN DOORS SHALL MEET THE FIRE RATING REQUIREMENT OF THE DOORS TO WHICH THEY ARE INSTALLED.
4. ALL DOORS TO HAVE BOXED HEADERS UNLESS STEEL CHANNELS ARE INDICATED IN THE REMARKS COLUMN OF THE DOOR SCHEDULE OR UNLESS OTHERWISE INDICATED BY HEAD DETAIL.

DOOR SCHEDULE REMARKS:

1. PROVIDE WITH MAGNETIC HOLD OPEN
2. VIEW WINDOWS IN LARGER LEAF ONLY
3. REFER TO A601 (VIEW WINDOW SCHEDULE) FOR ELEVATION OF INTERIOR DOOR WITH A SIDELIGHT
4. AUTOMATIC CARD SWIPE DOOR
5. INTEGRAL BLINDS (CONTROLS ON INTERIOR ROOM SIDE ONLY)
6. DOOR SWINGS 180°
7. DOOR SWINGS BOTH WAYS
8. ISOLATION PATIENT ROOM DOOR REQUIRES A CLOSER
9. INTEGRATED FIRE DOOR ASSEMBLY
10. ALUMINUM FRAMED STOREFRONT, REFER TO A33 SERIES (EXTERIOR GLAZED OPENING SCHEDULE) FOR ELEVATION
11. GLAZED ALUMINUM CURTAIN WALL SYSTEM DOORS, REFER TO A33 SERIES (EXTERIOR GLAZED OPENING SCHEDULE) FOR ELEVATION
12. PROVIDE STEEL CHANNEL FRAME AT HEAD AND JAMB OF DOOR PER DETAILS X/XXX-XX AND X/AXX-XX
13. SECTIONAL OVERHEAD DOOR
14. REVOLVING DARK ROOM DOOR
15. RADIATION PROTECTION DOOR AND FRAME
16. SOUND CONTROL DOOR ASSEMBLY

GLAZING TYPES:

REFER TO SPECIFICATION FOR MORE DETAILS

G-1 1/4" Clear Glass

FG-1 Fire-Protective Glass, 90MIN Fire Rated

NOTE: ALL GLAZING TO BE TEMPERED GLAZING

1

GLAZING SYSTEM TYPES:

A INTERIOR STOREFRONT SYSTEM

NOTE: ALL OVERALL GLAZING SYSTEM DIMENSIONS ARE TO ROUGH OPENING

EQUIPMENT SCHEDULE

TAG	EQUIPMENT TYPE	MANUFACTURER	MODEL	DIMENSIONS	COLOR	PROVIDED BY	TYPE COMMENTS
CP-1	COPIER/PRINTER					OFOI	
FDC-1	FOOD DISPLAY CASE	TRUE MANUFACTURING CO. INC.	TGM-DZ-48-SC/SC-B-W	48"Wx39"Dx49"H		CFCI	2 UNITS, BOTH ON 4" CASTERS
FPD	FLAT PANEL DISPLAY					OFOI	
ICE-1	UNDERCOUNTER ICEMAKER	SCOTSMAN	CU0920	20"Wx24"Dx31.9"H	STANDARD FINISH	CFCI	
MB-1	MARKER BOARD	Steelcase		-	-	OFOI	
MI-1	MICROWAVE	GE	PCWK22U1WDD	24"Wx20"Dx14"H	GRAY	CFCI	
PS-1	PROJECTION SCREEN	-		-	-	OFOI	
REF	UNDERCOUNTER REFRIGERATOR	MARVEL	MARE224-SS41A	24"Wx24"Dx31"H	DOOR: STAINLESS STEEL/ SIDES AND TOES: BLACK	CFCI	
V-1	VENDING MACHINE	-		-	-	OFOI	
W-1	TRASH/RECYCLE BIN			-	-	OFOI	

1

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A601

DOOR, INTERIOR GLAZING, AND EQUIPMENT SCHEDULE

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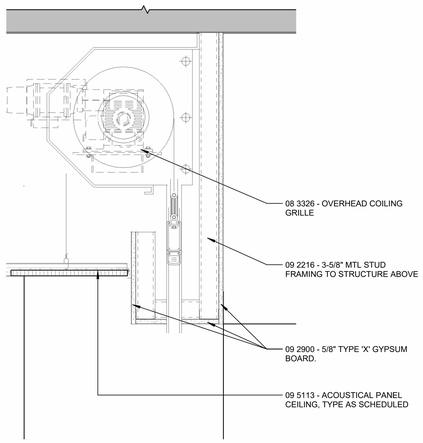
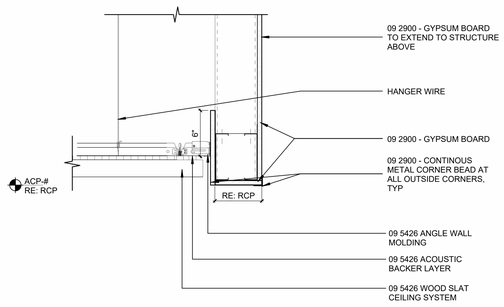


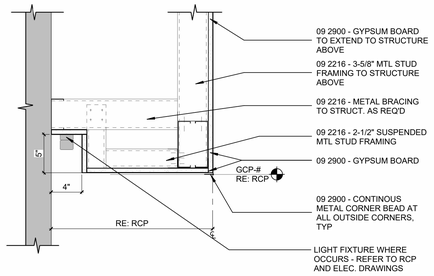
DETAIL AT KITCHEN SOFFIT C4

1 1/2" = 1'-0"



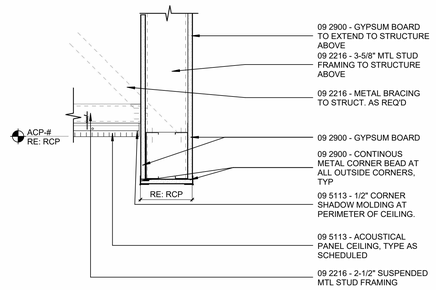
GYP HEADER TO WOOD SLAT SYSTEM C3

1 1/2" = 1'-0"



TYPICAL GYP SOFFIT C2

1 1/2" = 1'-0"



ACP TO GYP HEADER TO OPEN STRUCTURE C1

1 1/2" = 1'-0"

DETAIL AT FIRE SHUTTER B5

1 1/2" = 1'-0"

DETAIL AT RESTROOM WALL COVE B3

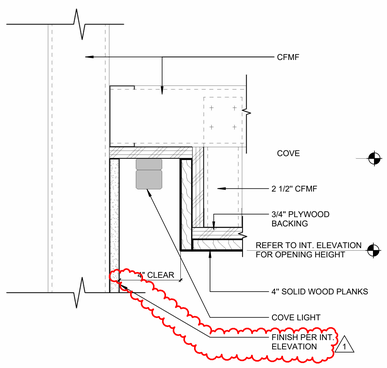
1 1/2" = 1'-0"

SECTION AT UNT WISE WALL - DETAIL 2 B2

3" = 1'-0"

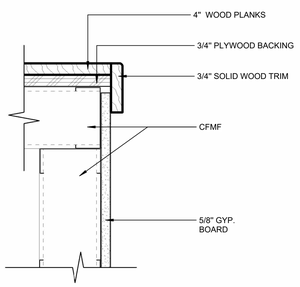
SECTION AT UNT WISE WALL A1

1 1/2" = 1'-0"



LIGHT COVE DETAIL AT WISE WALL A3

3" = 1'-0"



SECTION AT UNT WISE WALL - DETAIL 1 A2

3" = 1'-0"

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A501

INTERIOR DETAILS

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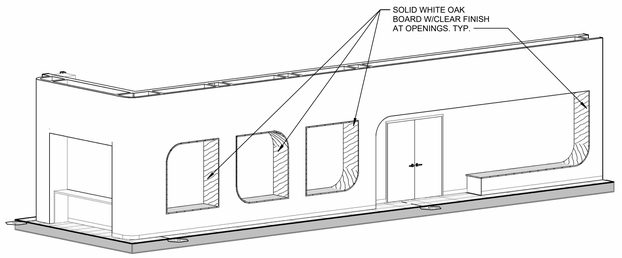
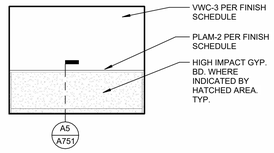
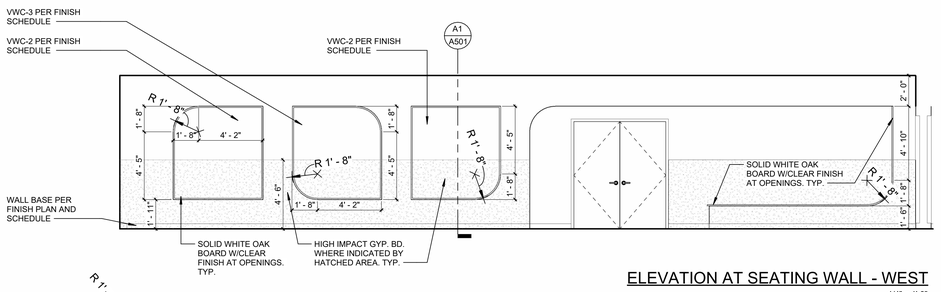


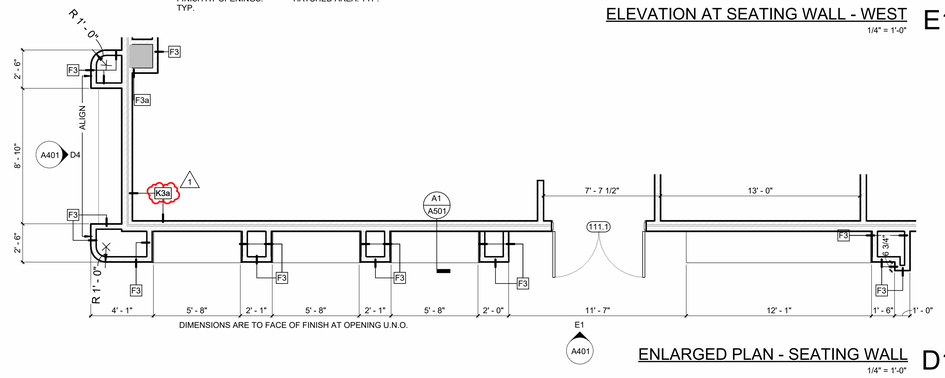
AXON AT SEATING WALL 1



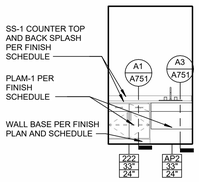
ELEVATION AT SEATING WALL - NORTH D4
1/4" = 1'-0"



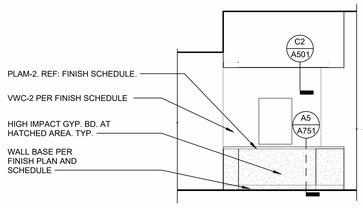
ELEVATION AT SEATING WALL - WEST E1
1/4" = 1'-0"



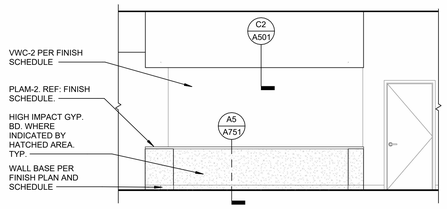
ENLARGED PLAN - SEATING WALL D1
1/4" = 1'-0"



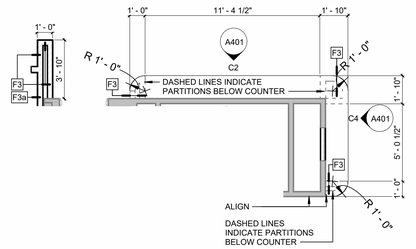
ELEVATION AT DSI MILLWORK C5
1/4" = 1'-0"



SOUTH INT. ELEVATION - FROM B1 C4
1/4" = 1'-0"

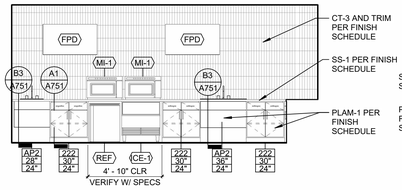


EAST INT. ELEVATION - FROM B1 C2
1/4" = 1'-0"

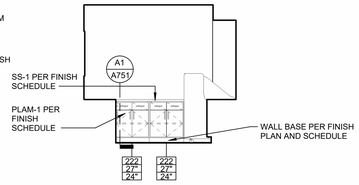


ENLARGED PLAN - CASEWORK AT ENTRY C1
1/4" = 1'-0"

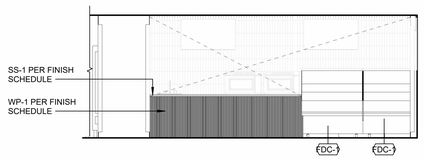
ENLARGED PLAN NOTES



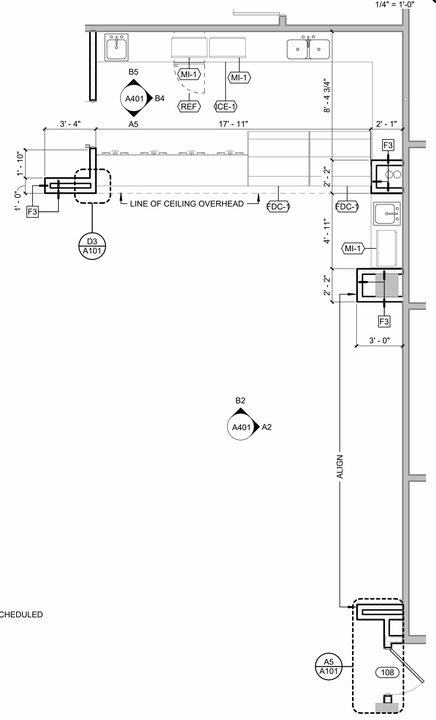
KITCHEN - WEST INT ELEVATION B5
1/4" = 1'-0"



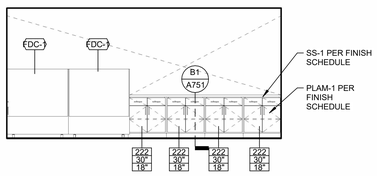
KITCHEN - NORTH INT. ELEVATION B4
1/4" = 1'-0"



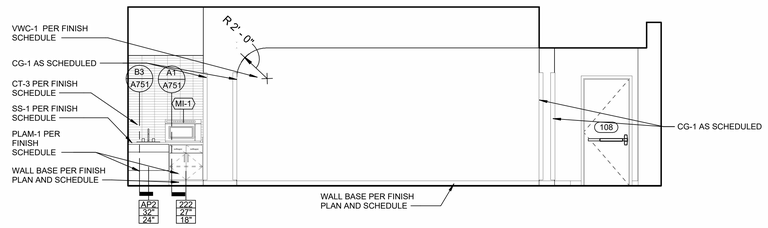
EATERY - WEST INT. ELEVATION B2
1/4" = 1'-0"



ENLARGED PLAN - KITCHEN AND EATERY A1
1/4" = 1'-0"



KITCHEN - EAST INT. ELEVATION A5
1/4" = 1'-0"



EATERY NORTH INT. ELEVATION A2
1/4" = 1'-0"

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ENLARGED PLANS

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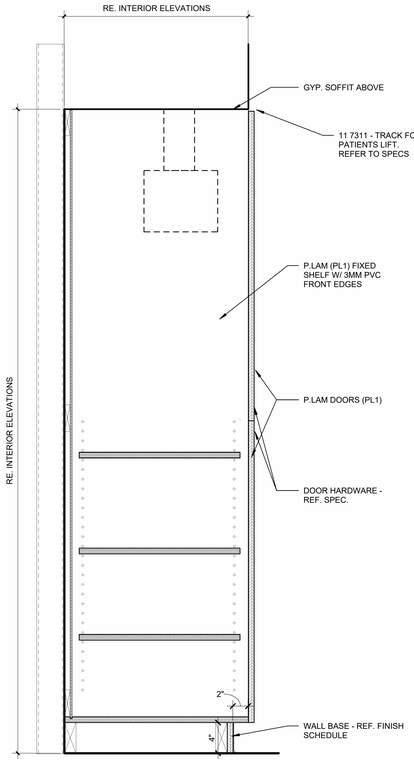
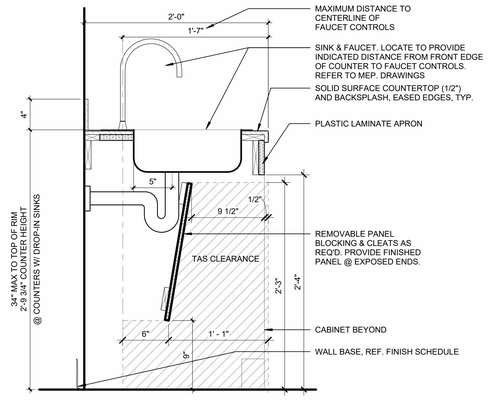


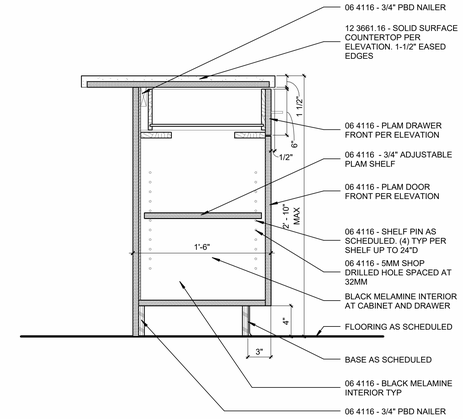
SECTION AT FAMILY RESTROOM CABINET B5

1 1/2" = 1'-0"



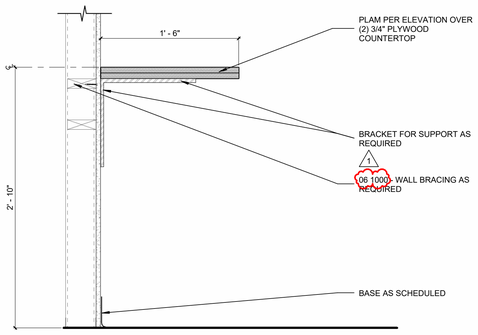
TYP. SINK BASE CABINET B3

1 1/2" = 1'-0"



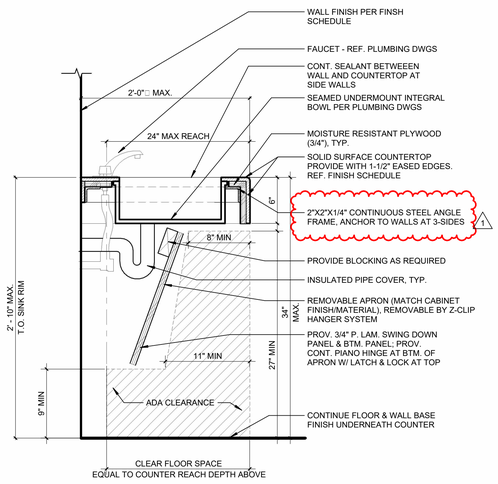
BASE CABINET AT TRANSACTION COUNTER B1

1 1/2" = 1'-0"



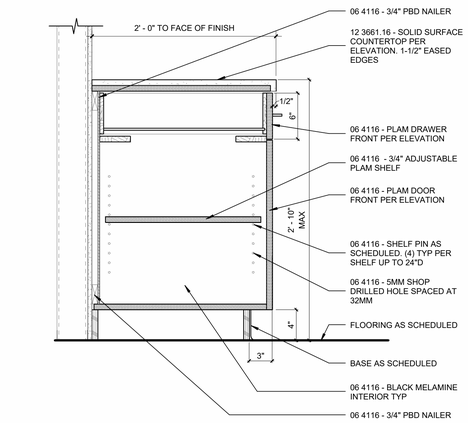
WALL MOUNTED COUNTERTOP A5

1 1/2" = 1'-0"



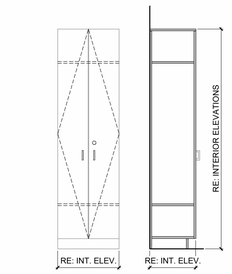
SECTION @ LAVATORIES SINK BASE CABINET A3

1 1/2" = 1'-0"



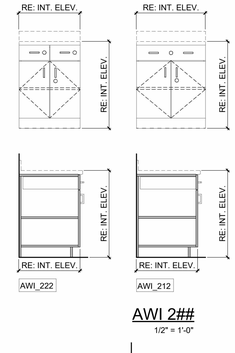
DRAWER & DOOR BASE CABINET A1

1 1/2" = 1'-0"



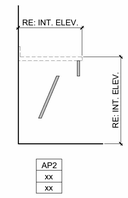
AWI 4##

1/2" = 1'-0"



AWI 2##

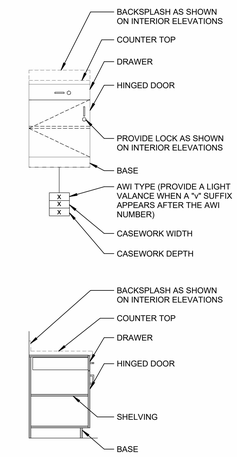
1/2" = 1'-0"



AWI AP#

1/2" = 1'-0"

AWI CASEWORK LEGEND



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CASEWORK DETAILS

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FINISH PLAN NOTES

I1 FLOAT EXISTING THICKSET MUD BED FLUSH WITH FINISHED FLOOR. SET FLOOR TILE FLUSH ACROSS NON-RECESSED AND THICKSET BED.

I2 FILL TILE WALL BASE AT PORTIONS OF WALL WHERE DOOR WAS REMOVED. MATCH EXISTING TILE BASE.

I3 SCRAPE AND CLEAN ANY FOREIGN MATERIAL FROM EXPOSED CONCRETE SURFACE AT EXPOSED COLUMNS

FINISH PLAN NOTES-GENERAL

A. REFER TO SHEET A700 FOR INTERIORS FINISH SCHEDULE AND TRANSITION DETAILS.
B. PROVIDE FLOOR TRANSITIONS AT CENTER OF DOOR.
C. PROVIDE THRESHOLDS WHERE FLOOR CHANGES OCCUR. REFER TO FLOOR TRANSITION DETAILS ON SHEET A700.
D. CONFIRM ORIENTATION OF DIRECTIONAL MATERIAL WITH ARCHITECT PRIOR TO ORDERING AND INSTALLATION.
E. REF. INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
F. FINISH FLOORING CONTINUES UNDER COUNTERTOPS, KNEE SPACES, TOE KICKS, VANITIES, PLUMBING FIXTURES, REMOVABLE MILLWORK, FURNITURE, AND EQUIPMENT, ETC. U.N.O.
G. PROVIDE CONTROL JOINTS IN FLOOR TILE AND WALL TILE PER TCNA STANDARDS.SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW.
H. HATCH PATTERN(S) ARE FOR MATERIAL GRAPHIC REPRESENTATION ONLY AND ARE NOT INDICATIVE OF PATTERN, SIZE, ORIENTATION OR INSTALLATION METHOD OF ANY FINISH PRODUCT, U.N.O.
I. PAINT WALL ACCESS PANELS AND GRILLS TO MATCH ADJACENT SURFACES, U.N.O.
J. PAINT CEILING ACCESS PANELS AND REGISTERS TO MATCH ADJACENT SURFACE, U.N.O.
K. REF. PROJECT SPECIFICATIONS AND MANUFACTURER INSTALLATION SPECIFICATIONS FOR FLOOR AND WALL FINISH SUBSTRATE PREP AND INSTALLATION REQUIREMENTS.
L. ALL DOOR FRAMES AND TRIM TO BE PAINTED PER DOOR SCHEDULE.
M. REF. FLOOR PLANS AND PARTITION TYPES FOR MATERIAL SUBSTRATES.
N. REF. RCP'S FOR CEILING MATERIAL INFORMATION AND FINISHES.
~~O. TYPICAL WALL PAINT: PT-1 U.O.N.~~
P.
~~Q. TYPICAL WALL BASE IS RB-1 AT LVT, CARPET AND EXPOSED~~ CONCRETE FLOORING LOCATIONS, U.O.N.
R. FOR TYPICAL WALL BASE AT CERAMIC OR PORCELAIN TILE WALLS, REFER TO DETAIL A5/A701.

1

FINISH PLAN LEGEND

NOT IN SCOPE

CARPET TILE CPT-1

CARPET TILE CPT-2

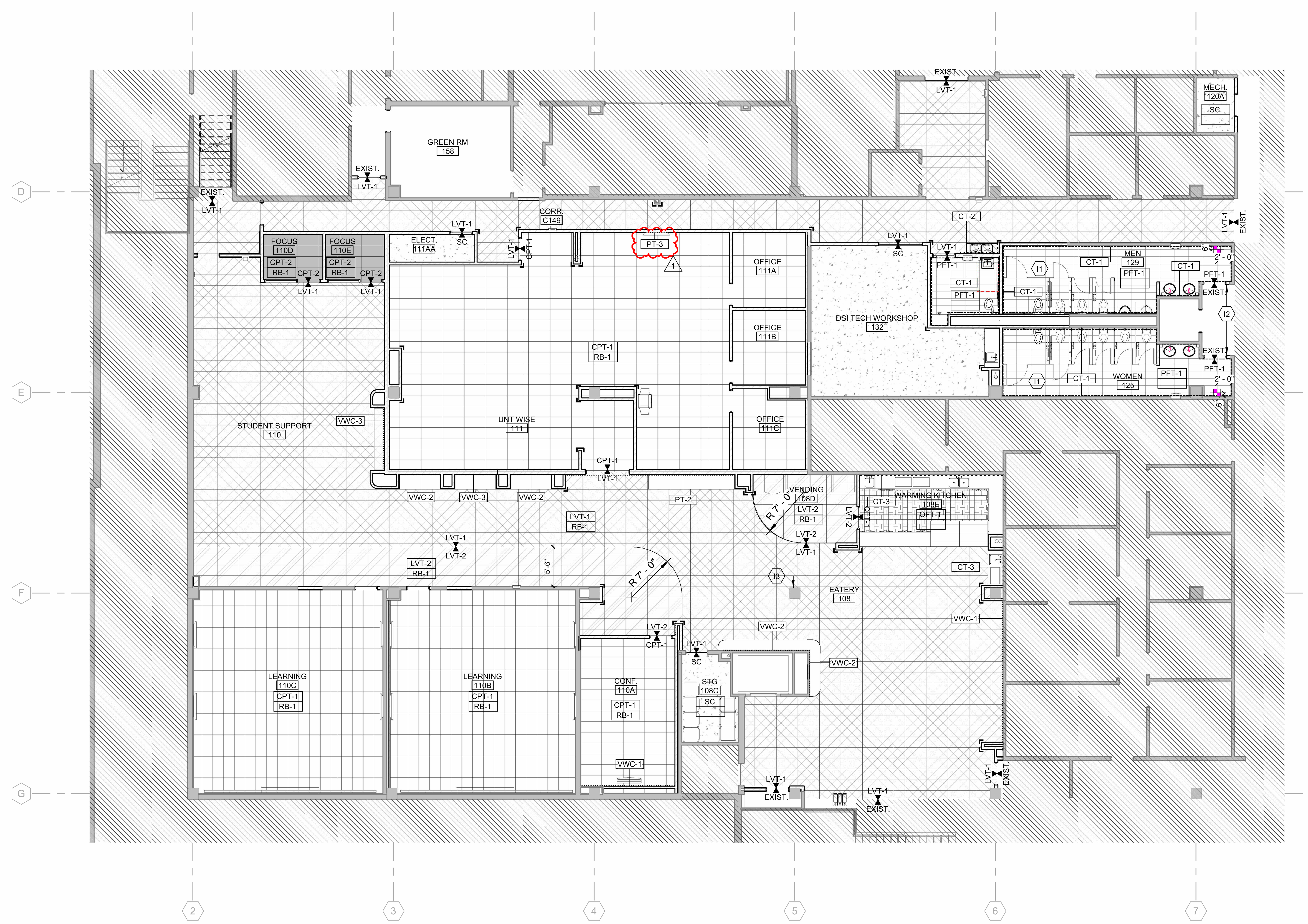
LUXURY VINYL PLANK TILE LVT-1

LUXURY VINYL PLANK TILE LVT-2

QUARRY FLOOR TILE QFT-1

PORCELAIN FLOOR TILE PFT-1

SEALED CONCRETE



FINISH PLAN - LEVEL 1 A1
1/8" = 1'-0"

OPEN AREA FLOOR TRANSITION TAG

TAG / TAG — FLOOR FINISH, TRANSITION, FLOOR FINISH

FLOOR TRANSITIONS IDENTIFIED ONLY WHERE FLOOR MATERIAL CHANGES OCCUR WITHIN A ROOM OR SPACE - REFERENCE ROOM FINISH TAGS FOR FINISH CHANGES BETWEEN ROOMS.

FLOOR & WALL BASE TAG

X-X — FLOOR FINISH
X-X — WALL BASE

WALL ACCENT TAG

WALL PARTITION
WALL ACCENT FINISH EXTENTS
WALL ACCENT FINISH TAG

'WALL ACCENT FINISH' OCCURS FLR. TO CEILING U.N.O.. WHERE 'EXTENTS' LINE CONTINUES OVER DOOR/ FRAME/ WINDOW - IT IS NOT INTENTED FOR THESE ITEMS TO RECEIVE THE ACCENT FINISH. REF. FINISH SCHEDULES FOR FIELD FINISH INFORMATION.

SPECIALTY EQUIPMENT TAG

SPECIALTY EQUIPMENT FINISH TAG

CG-1 CORNER GUARD PER FINISH SCHEDULE

FINISH STARTING POINT

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FINISH PLANS - LEVEL 1

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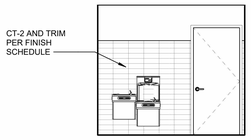
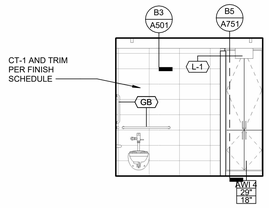
Autodesk Docs://HE0569.2401.00 UNT Chilton Hall Level 1 Renovation/Chilton Hall Level 1 Renovation_R24_Arch.rvt
2/27/2025 7:03:14 AM

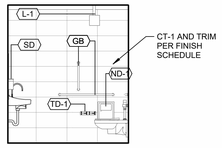
TOILET ACCESSORY SCHEDULE								
MARK	TYPE	MANUFACTURER	MODEL NAME	MODEL NUMBER	DIMENSIONS	COLOR	RESPONSIBILITY	NOTES
TP-1	TOILET PARTITION - FLOOR MOUNTED OVERHEAD BRACED	SCRANTON PRODUCTS	ECLIPSE		-	TBD	**CFCI**	REFER TO PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
PS-1	URINAL PRIVACY SCREEN - WALL MOUNTED	SCRANTON PRODUCTS	ECLIPSE		-	TBD	**CFCI**	
GB	GRAB BAR	BOBRICK	1-1/1" DIA. GRAB BAR WITH SNAP FLANGE	B-6806 SERIES	18", 36" AND 42" LENGTHS - SEE ELEVATIONS AND ACCESSIBILITY DETAILS FOR PLACEMENT	SATIN FINISH WITH PEENED GRIPPING SURFACE	**CFCI**	
PT-1	RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE	BOBRICK	-	B-43944		STAINLESS STEEL	**CFCI**	
TD-1	SURFACE MOUNTED TOILET TISSUE DISPENSER						OFOI	
SD-1	SURFACE MOUNTED SOAP DISPENSER						**CFCI**	
L-1	ADA LIFT	GULDMANN	REFER TO PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.				**CFCI**	
ND-1	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL UNIT						**OFOI**	
M-1	SURFACE MOUNTED MIRROR	BOBRICK	-	B-290	24"W x 36"H		**CFCI**	



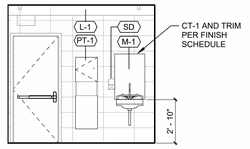
ELEVATION AT WATER FOUNTAIN C4
1/4" = 1'-0"



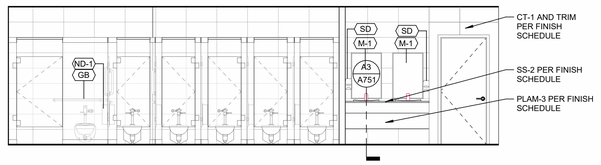
ELEVATION AT FAMILY RESTROOM - EAST C3
1/4" = 1'-0"



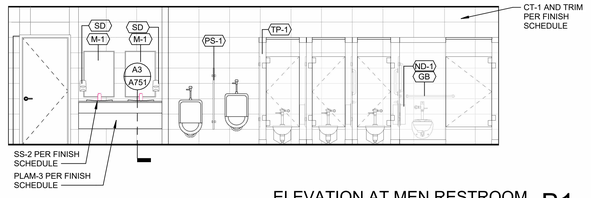
ELEVATION AT FAMILY RESTROOM - NORTH C2
1/4" = 1'-0"



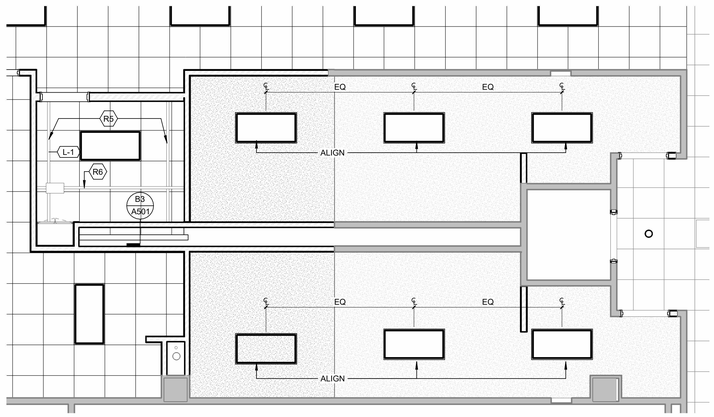
ELEVATION AT FAMILY RESTROOM - WEST C1
1/4" = 1'-0"



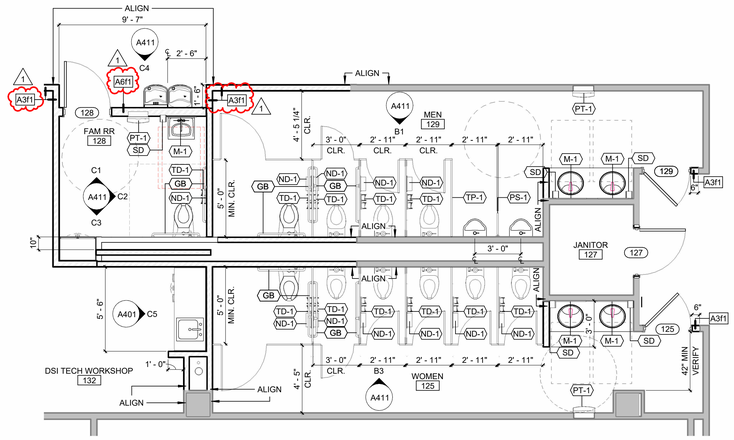
ELEVATION AT WOMEN RESTROOM B3
1/4" = 1'-0"



ELEVATION AT MEN RESTROOM B1
1/4" = 1'-0"



ENLARGED RCP - RESTROOMS A3
1/4" = 1'-0"



ENLARGED PLAN - RESTROOMS A1
1/4" = 1'-0"

RCP PLAN NOTES

R5 CEILING MOUNTED PATIENT LIFT RAILS, MOUNTED TO CONCRETE SLAB ABOVE

R6 PATIENT LIFT GANTRY RAIL

ENLARGED PLAN NOTES

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ENLARGED RESTROOM PLANS, ELEVATIONS, AND ACCESSORY SCHEDULE

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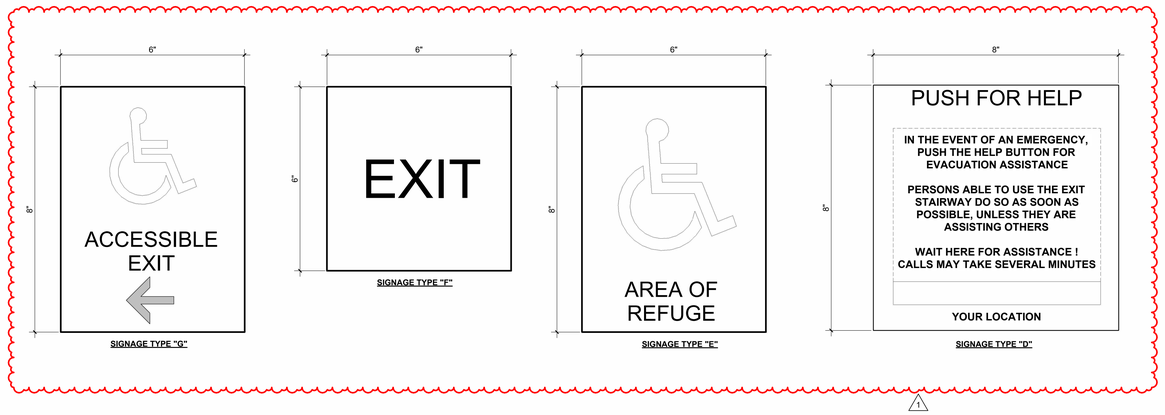
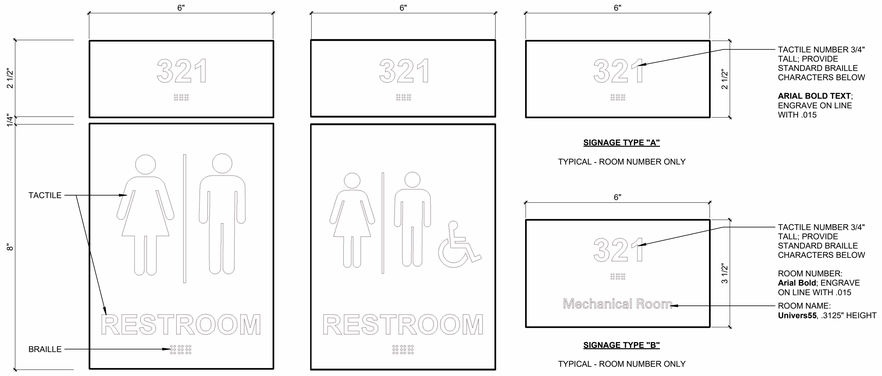
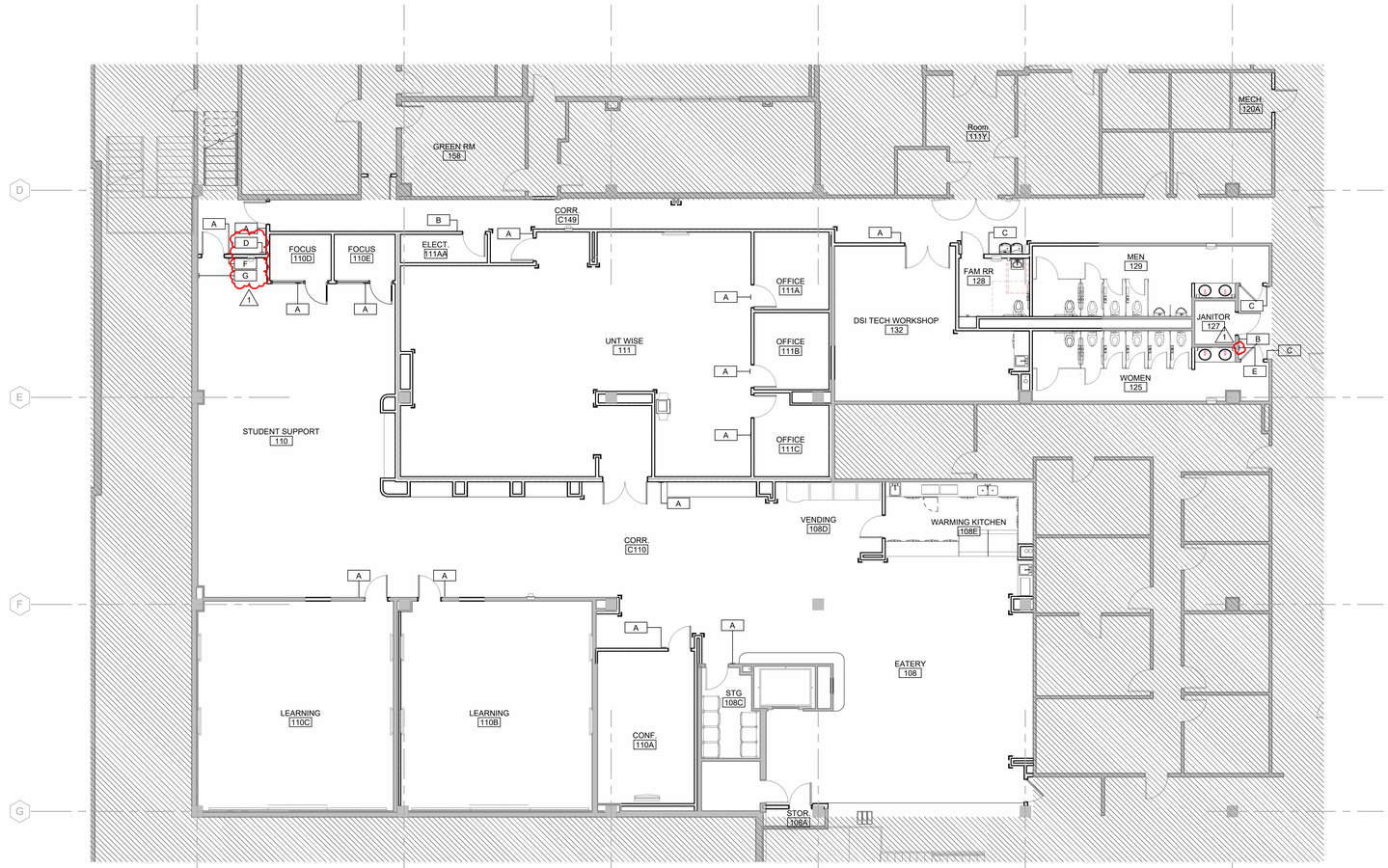




UNT SIGNAGE, TYPICAL 1

6" = 1'-0"



SHEET FOR REFERENCE ONLY. SIGNAGE WILL BE PROVIDED BY OWNER UNDER FUTURE CONTRACT

FLOOR PLAN - LEVEL 1 - SIGNAGE A1

1/8" = 1'-0"

0 4' 8' 16'

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1	ADDENDUM 1	02/27/2025

A801

SIGNAGE FLOOR PLAN

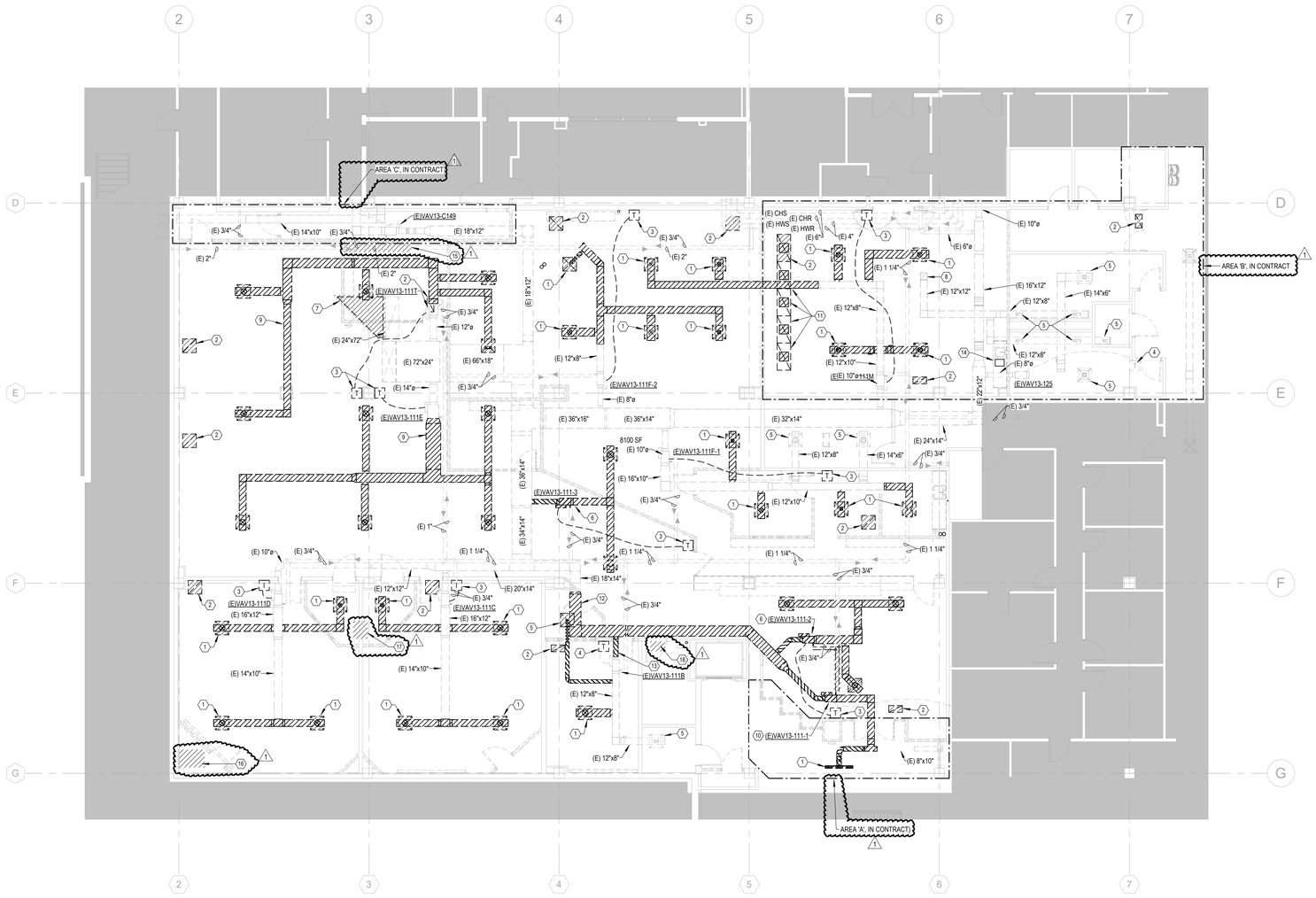
Treanor NO. HE0569.2401.00

MECHANICAL LEGEND

	NEW DUCTWORK	EXH	EXHAUST AIR
	SUPPLY AIR DIFFUSER	SA	SUPPLY AIR
	RETURN GRILLE	RA	RETURN AIR
	EXHAUST GRILLE	TA	TRANSFER AIR
	SIDEWALL GRILLE/DIFFUSER	CHR	CHILLED WATER RETURN
	LINEAR SLOT DIFFUSER	CHS	CHILLED WATER SUPPLY
	FLEXIBLE DUCTWORK (MAX. 6'-0" LENGTH)	HWR	HYDRONIC HEATING WATER RETURN
T	TEMPERATURE SENSOR (MOUNT 4'-0" AFF)	HWS	HYDRONIC HEATING WATER SUPPLY
	VOLUME DAMPER	VAV	VARIABLE AIR VOLUME
12"x8"	INDICATES 12" x 8" INS. DIM. NET (1ST FIGURE = SIDE SHOWN, 2ND FIGURE = SIDE NOT SHOWN)	FCU	FAN COIL UNIT
A1 150 (TYPE, CFM)	DIFFUSER OR GRILLE DESIGNATION	TD	TRANSFER AIR DEVICE
VAV-xx-xxx (AIR HANDLING UNIT NUMBER, BOX NUMBER)	TERMINAL UNIT DESIGNATION • VAV: SINGLE DUCT • DDV: DUAL DUCT • FPV: FAN POWERED	EMCS	ENERGY MANAGEMENT CONTROLS SYSTEM
	EXISTING TO REMAIN	DDC	DIRECT DIGITAL CONTROL
	ITEM TO BE REMOVED	(E)	EXISTING TO REMAIN
	CONNECT TO EXISTING	AFF	ABOVE FINISHED FLOOR
		AFG	ABOVE FINISHED GRADE
		B/S	BELOW SLAB
		DN	DOWN
		POC	POINT OF CONNECTION
		NIC	NOT IN CONTRACT

NOTES BY SYMBOL: "Ⓔ"

1. EXISTING SUPPLY AIR DEVICE, BRANCH DUCTWORK AND ASSOCIATED ACCESSORIES TO BE REMOVED AS INDICATED. PREPARE DUCTWORK TO REMAIN FOR NEW CONNECTION.
2. EXISTING RETURN AIR DEVICE TO BE REMOVED.
3. EXISTING TEMPERATURE SENSOR TO BE REMOVED AND RELOCATED. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING SENSOR AND ASSOCIATED CONTROL WIRES. REFER TO 1/M201 FOR NEW LOCATION.
4. EXISTING TEMPERATURE SENSOR TO REMAIN.
5. EXISTING AIR DEVICE AND ASSOCIATED DUCTWORK TO REMAIN.
6. EXISTING TERMINAL UNIT, DUCTWORK, AIR DEVICES, AND ALL ASSOCIATED ACCESSORIES TO BE REMOVED.
7. EXISTING RETURN AIR DUCTWORK AND ELBOW TO BE REMOVED. PREPARE EXISTING RETURN AIR DUCT RISER FOR NEW CONNECITON.
8. EXISTING 12"x12" EXHAUST RISER TO REMAIN.
9. EXISTING SUPPLY DUCTWORK, AIR DEVICE, AND ASSOCIATED ACCESSORIES TO BE REMOVED BACK TO EXISTING TERMINAL UNIT AS INDICATED. PREPARE TERMINAL UNIT TO REMAIN FOR NEW CONNECTION.
10. EXISTING TERMINAL UNIT TO BE RELOCATED. REMOVE EXISTING SUPPLY DUCTWORK AS INDICATED AND PREPARE DUCTWORK TO REMAIN FOR NEW CONNECTION. REMOVE EXISTING 3/4" HWS/HWR BRANCH PIPING BACK TO EXISTING TEE AND CAP WATER TIGHT. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING TERMINAL UNIT, HWS/HWR VALVES, AND ASSOCIATED CONTROLS WIRING. REFER TO 1/M101 AND 1/M201 FOR NEW LOCATION.
11. EXISTING RETURN AIR DEVICE TO BE RELOCATED FOR NEW CEILING LAYOUT. CONTRACTOR SHALL PRESERVE, PROTECT, AND THROUGHLY CLEAN AIR DEVICE PRIOR TO REINSTALLATION. REFER TO 1/M101 FOR NEW LOCATION.
12. EXISTING SUPPLY AIR DUCTWORK TO BE REMOVED AS INDICATED. PREPARE DUCTWORK TO REMAIN FOR NEW CONNECTION.
13. EXISTING 8"ø BRANCH DUCT TO EXISTING TERMINAL UNIT TO BE REMOVED. PREPARE EXISTING TERMINAL UNIT FOR NEW CONNECTION.
14. EXISTING SPACE DEHUMIDIFIER TO BE RELOCATED. CONTRACTOR SHALL PRESERVE AND PROTECT DEHUMIDIFIER. REFER TO 1/M101 FOR NEW LOCATION.
15. EXISTING ABANDONDED BASEBOARD HEATER SHALL BE REMOVED.
16. EXISTING ABANDONDED EXHAUST FAN SHALL BE REMOVED.
17. EXISTING ABANDONDED EXHAUST FAN CONTROL SWITCHES SHALL BE REMOVED.
18. EXISTING ABANDONDED VISTA CONTROLS BOX SHALL BE REMOVED.



LEVEL 1 FLOOR PLAN - MECHANICAL DEMOLITION 1

1/8" = 1'-0"

0 4' 8' 16'

DEMOLITION SHEET NOTES:

1. CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING TEMPERATURE SENSORS AND THE ASSOCIATED CONTROL WIRES THAT ARE NOTED TO BE REMOVED AND RELOCATED.
2. ANY VAV BOXES AND THEIR ASSOCIATED CONTROLLERS THAT ARE TO BE DEMOLISHED SHALL BE SALVAGED AND RETURNED TO THE OWNER. CONTRACTOR SHALL COORDINATE ITEM TYPE, QUANTITY, AND STORAGE LOCATION WITH THE OWNER.
3. THIS BUILDING WILL BE OCCUPIED DURING THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CAREFULLY COORDINATE AND SCHEDULE ANY REQUIRED SHUTDOWNS WITH THE UNIVERSITY TO MINIMIZE DISTRUPTIONS TO BUILDING OCCUPANTS.
4. ANY DUCTWORK THAT IS NOTED TO BE CAPPED AIR-TIGHT SHALL BE CAPPED PER SMACNA STANDARDS AND RECOMMENDATIONS. ALL DUCTWORK THAT IS NO LONGER TO BE USED SHALL BE REMOVED. NO ABANDONED DUCTWORK IS ALLOWED.
5. : AREAS NOT IN SCOPE OF WORK.

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STATE OF TEXAS — KIRK W. PLUM — 143445 — LICENSED PROFESSIONAL ENGINEER — 02/27/2025

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1	ADDENDUM 1	02/27/25

MD101

LEVEL 1 FLOOR PLAN - DEMO MECHANICAL

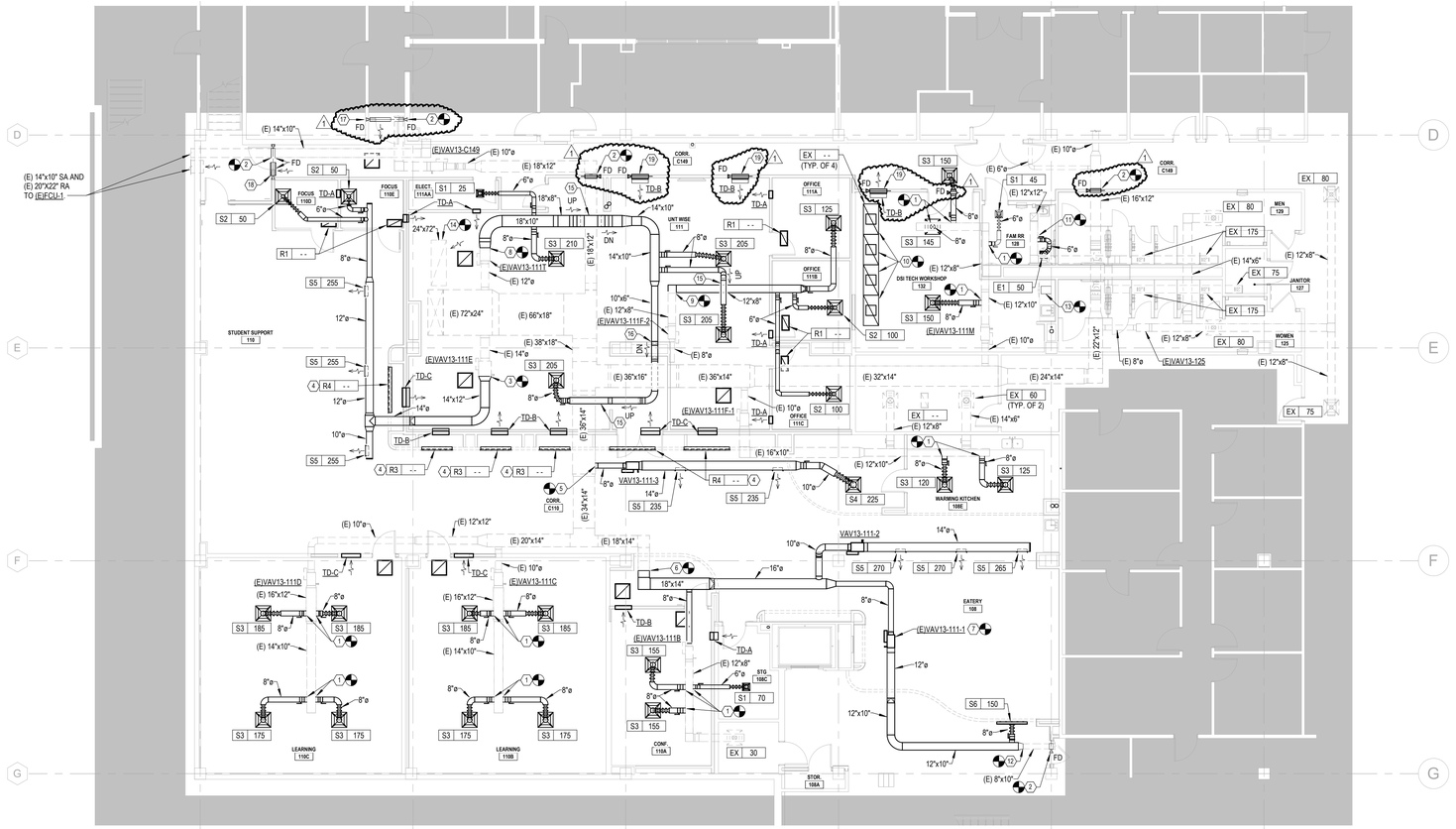
Treanor NO. HE0569.2401.00

MECHANICAL LEGEND

	NEW DUCTWORK	EXH	EXHAUST AIR
	SUPPLY AIR DIFFUSER	SA	SUPPLY AIR
	RETURN GRILLE	RA	RETURN AIR
	EXHAUST GRILLE	TA	TRANSFER AIR
	SIDEWALL GRILLE/DIFFUSER	CHR	CHILLED WATER RETURN
	LINEAR SLOT DIFFUSER	CHS	CHILLED WATER SUPPLY
	FLEXIBLE DUCTWORK (MAX. 6'-0" LENGTH)	HWR	HYDRONIC HEATING WATER RETURN
T	TEMPERATURE SENSOR (MOUNT 4'-0" AFF)	HWS	HYDRONIC HEATING WATER SUPPLY
	VOLUME DAMPER	VAV	VARIABLE AIR VOLUME
12"x8"	INDICATES 12" x 8" INS. DIM. NET (1ST FIGURE = SIDE SHOWN, 2ND FIGURE = SIDE NOT SHOWN)	FCU	FAN COIL UNIT
A1 150 TYPE CFM	DIFFUSER OR GRILLE DESIGNATION	TD	TRANSFER AIR DEVICE
VAV-XX-XXX AIR HANDLING UNIT NUMBER BOX NUMBER	TERMINAL UNIT DESIGNATION • VAV: SINGLE DUCT • DDV: DUAL DUCT • FPV: FAN POWERED	EMCS	ENERGY MANAGEMENT CONTROLS SYSTEM
	EXISTING TO REMAIN	DDC	DIRECT DIGITAL CONTROL
	ITEM TO BE REMOVED	(E)	EXISTING TO REMAIN
	CONNECT TO EXISTING	AFF	ABOVE FINISHED FLOOR
		AFG	ABOVE FINISHED GRADE
		B/S	BELOW SLAB
		DN	DOWN
		POC	POINT OF CONNECTION
		NIC	NOT IN CONTRACT

NOTES BY SYMBOL: "Ⓔ"

1. CONNECT NEW SUPPLY AIR BRANCH DUCT TO (E) SUPPLY AIR DUCTWORK AND ROUTE ABOVE CEILING AS INDICATED TO NEW AIR DEVICE.
2. PROVIDE AND INSTALL FIRE DAMPER IN (E) DUCTWORK AT PENETRATION OF NEW FIRE RATED PARTITION. CONFIRM LOCATION AND SIZE OF (E) DUCTWORK ON SITE.
3. CONNECT 14"x12" SUPPLY DUCT TO (E)VAV13-111E AND ROUTE ABOVE CEILING AS INDICATED.
4. RETURN AIR LINEAR BAR GRILLE WITH A CONCEALED PLASTERED MUD FRAME. CENTERLINE OF AIR DEVICE SHALL BE INITIALLY SET AT 9'-6" AFF. CONFIRM WITH ARCHITECT PRIOR TO ROUGH-IN. CONCEALED PLASTERED MUD FRAME SHALL BE INSTALLED PRIOR TO WALL MUDDING AND PAINTING.
5. CONNECT 8"ø SUPPLY DUCT TO (E) 36"x14" MAIN AND ROUTE AS INDICATED TO VAV13-111-3.
6. CONNECT 18"x14" SUPPLY DUCT TO (E) 18"x14" MAIN AND ROUTE AS INDICATED.
7. REINSTALL (E)VAV13-111-1. ROUTE NEW 12"ø SUPPLY DUCT AS INDICATED. TRANSITION TO 12"x10" ABOVE WOOD SLAT CEILING.
8. CONNECT 18"x10" SUPPLY DUCT TO (E)VAV13-111T AND ROUTE ABOVE CEILING AS INDICATED.
9. CONNECT 12"x8" SUPPLY DUCT TO (E) 12"x8" MAIN AND ROUTE ABOVE CEILING AS INDICATED.
10. THOROUGHLY CLEAN AND RE-INSTALL (E) RETURN AIR DEVICE. COORDINATE INSTALLED LOCATION WITH NEW CEILING GRID, FURNITURE LAYOUT, AND ARCHITECT PRIOR TO INSTALLING.
11. CONNECT 6"ø EXHAUST DUCT TO (E) 12"x12" EXHAUST MAIN AND ROUTE ABOVE CEILING AS INDICATED.
12. CONNECT 8"x10" SUPPLY DUCT TO (E) 8"x10" MAIN ABOVE CEILING.
13. REINSTALL (E) SPACE DEHUMIDIFIER AND ROUTE FULL SIZE DRAIN FROM DEHUMIDIFIER. DISCHARGE FULL SIZE DRAIN INDIRECT INTO HUB DRAIN BELOW (E) RELOCATED SINK. COORDINATE EXACT LOCATION ON SITE WITH OWNER PRIOR TO INSTALLATION.
14. CONNECT 72"x24" ELBOW TO (E) 72"x24" RA RISER AND COVER OPENING WITH 3/4" STAINLESS-STEEL WIRE MESH.
15. OFFSET DUCTWORK UP AND ROUTE OVER DUCTWORK AS REQUIRED.
16. OFFSET DUCTWORK DOWN AND ROUTE UNDER DUCTWORK AS REQUIRED.
17. PROVIDE 32"x20" TA OPENING WITH FIRE DAMPER ABOVE CEILING AS HIGH AS POSSIBLE.
18. PROVIDE 20"x22" TA OPENING WITH FIRE DAMPER ABOVE CEILING AS HIGH AS POSSIBLE.
19. TRANSFER AIR DUCT ABOVE THE CEILING WITH TRANSFER AIR SILENCER. REFER TO TRANSFER AIR DEVICE SCHEDULE ON SHEET M301 FOR MORE INFORMATION ON TRANSFER AIR DEVICE. PROVIDE AND INSTALL FIRE DAMPER AT RATED PARTITION PENETRATION.



LEVEL 1 FLOOR PLAN - MECHANICAL 1

1/8" = 1'-0"

0 4' 8' 16'

SHEET NOTES:

1. PROVIDE A VOLUME DAMPER IN THE DUCT PRIOR TO CONNECTION TO EACH AIR DEVICE INSTALLED AS CLOSE TO THE DUCT MAIN AS POSSIBLE.
2. ALL RETURN AIR DEVICES SHALL BE TYPE 'R2' UNLESS OTHERWISE NOTED ON THE DRAWINGS.
3. ALL NEW DUCTWORK EXPOSED TO VIEW SHALL BE 1-1/2" INSULATED DOUBLE WALL GALVANIZED DUCT AND PAINT GRIP TYPE. THE COLOR AND EXTENT OF EXPOSED DUCTWORK OR EXISTING WRAP INSULATION TO BE PAINTED SHALL BE COORDINATED AND CONFIRMED WITH THE ARCHITECT.
4. : AREAS NOT IN SCOPE OF WORK.
5. ANY DUCTWORK, PIPING, AND CONTROL WIRING THAT IS NO LONGER TO BE USED SHALL BE REMOVED. NO ABANDONED DUCTWORK, PIPING, OR CONTROL WIRING IS ALLOWED.
6. ALL EXISTING VAV BOXES TO REMAIN SHALL BE RE-SUPPORTED PER 1/M301.

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STATE OF TEXAS
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PROFESSIONAL ENGINEER
02/27/2025

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M101

LEVEL 1 FLOOR PLAN - MECHANICAL

Treanor NO. HE0569.2401.00

MECHANICAL LEGEND

Symbol	Description
	NEW DUCTWORK
	SUPPLY AIR DIFFUSER
	RETURN GRILLE
	EXHAUST GRILLE
	SIDEWALL GRILLE/DIFFUSER
	LINEAR SLOT DIFFUSER
	FLEXIBLE DUCTWORK (MAX. 6'-0" LENGTH)
T	TEMPERATURE SENSOR (MOUNT 4'-0" AFF)
	VOLUME DAMPER
12"x8"	INDICATES 12" x 8" INS. DIM. NET (1ST FIGURE = SIDE SHOWN, 2ND FIGURE = SIDE NOT SHOWN)
A1 150 (TYPE, CFM)	DIFFUSER OR GRILLE DESIGNATION
VAV-xx-xxx (AIR HANDLING UNIT NUMBER, BOX NUMBER)	TERMINAL UNIT DESIGNATION • VAV: SINGLE DUCT • DDV: DUAL DUCT • FPV: FAN POWERED
	EXISTING TO REMAIN
	ITEM TO BE REMOVED
	CONNECT TO EXISTING

Abbreviation	Meaning
EXH	EXHAUST AIR
SA	SUPPLY AIR
RA	RETURN AIR
TA	TRANSFER AIR
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
HWR	HYDRONIC HEATING WATER RETURN
HWS	HYDRONIC HEATING WATER SUPPLY
VAV	VARIABLE AIR VOLUME
FCU	FAN COIL UNIT
TD	TRANSFER AIR DEVICE
EMCS	ENERGY MANAGEMENT CONTROLS SYSTEM
DDC	DIRECT DIGITAL CONTROL
(E)	EXISTING TO REMAIN
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
B/S	BELOW SLAB
DN	DOWN
POC	POINT OF CONNECTION
NIC	NOT IN CONTRACT

LEVEL 1 FLOOR PLAN - HYDRONIC AND CONTROLS 1

1/8" = 1'-0"

0 4' 8' 16'

NOTES BY SYMBOL: "#"

1. REINSTALL (E) RELOCATED TEMPERATURE SENSOR.
2. (E) TEMPERATURE SENSOR TO REMAIN.
3. CONNECT 3/4" HWS/HWR TO (E) 1-1/4" HWS/HWR AND ROUTE TO NEW VAV13-111-2. PROVIDE AND INSTALL ISOLATION SHUT-OFF VALVES PRIOR TO FINAL CONNECTION TO (E) 1-1/4" HWS/HWR MAINS.
4. CONNECT 3/4" HWS/HWR TO (E) 3/4" HWS/HWR AND ROUTE TO RELOCATED (E)VAV13-111-1. EXTEND AND RECONNECT (E) CONTROL WIRING TO (E)VAV13-111-1.
5. CONNECT (E) 3/4" HWS/HWR TO NEW VAV13-111-3.
6. (E) RELOCATED SPACE DEHUMIDIFIER, REFER TO M101 FOR ADDITIONAL INFORMATION.
7. EXISTING ABANDONED HYDRONIC PIPING ABOVE CEILING IN THIS AREA SHALL BE CAPPED WATER-TIGHT. (1)

SHEET NOTES:

1. LOCATIONS OF TEMPERATURE SENSORS SHALL BE COORDINATED WITH THE FURNITURE LAYOUT AND CONFIRMED WITH THE ARCHITECT/OWNER PRIOR TO ROUGH-IN. EXISTING TEMPERATURE SENSORS SHALL BE RELOCATED AS REQUIRED TO COMPLY WITH TEXAS ACCESSIBILITY STANDARDS. (1)
2. MOUNT ALL TEMPERATURE SENSORS 4'-0" ABOVE FLOOR.
3. : AREAS NOT IN SCOPE OF WORK.
4. ANY DUCTWORK, PIPING, AND CONTROL WIRING THAT IS NO LONGER TO BE USED SHALL BE REMOVED. NO ABANDONED DUCTWORK, PIPING, OR CONTROL WIRING IS ALLOWED. ANY EXISTING ABANDONED PNEUMATIC CONTROLS SHALL BE REMOVED. (1)
5. ALL EXISTING VAV BOXES TO REMAIN SHALL BE RE-SUPPORTED PER 1/M301.

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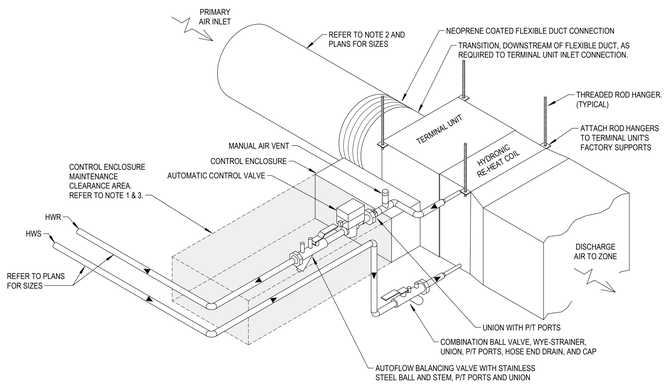
M201

LEVEL 1 FLOOR PLAN - HYDRONIC AND CONTROLS

Treanor NO. HE0569.2401.00



NOTES:

1. ALL TERMINAL UNIT CONTROL ENCLOSURES AND HYDRONIC REHEAT COILS, SHALL HAVE AN UNOBSTRUCTED ACCESSIBLE CLEARANCE DIRECTLY IN FRONT OF THE ENCLOSURES, 2' - 6" MINIMUM OR AS REQUIRED BY NEC. THE UNOBSTRUCTED ACCESSIBLE CLEARANCE SHALL BE FROM THE BOTTOM OF THE CEILING, UP TO THE TOP OF THE ASSOCIATED ENCLOSURE. THE CONTROL ENCLOSURES AND ANY POWER CONNECTIONS TO THE TERMINAL UNIT SHALL BE LOCATED ON SAME SIDE OF THE UNIT.
2. ALL PRIMARY AIR INLET DUCTS SHALL HAVE A MINIMUM OF 3 DUCT DIAMETERS OF STRAIGHT RUN UPSTREAM OF THE TERMINAL UNIT INLET.
3. ALL TERMINAL UNITS SHALL BE LOCATED IN ACCESSIBLE AREAS SUCH AS COMMON AREAS, CORRIDORS, OR OFFICE DOORWAYS. TERMINAL UNIT'S INSTALLED ABOVE A GYP CEILING SHALL HAVE AN ACCESS PANEL LOCATED DIRECTLY BENEATH THE CONTROL ENCLOSURE. MECHANICAL CONTRACTOR SHALL COORDINATE ALL CEILING TYPES AND REQUIRED LOCATIONS OF ACCESS PANELS WITH THE ARCHITECTURAL DRAWINGS, REFLECTED CEILING PLANS, AND SPECIFICATIONS.

TERMINAL UNIT DETAIL (VAV w/HYDRONIC RE-HEAT)
NOT TO SCALE — 1

TERMINAL UNIT SCHEDULE (SINGLE DUCT - HYDRONIC REHEAT)

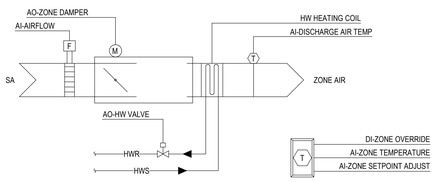
TAG	LOCATION	NECK SIZE	MIN. INLET S.P. (IN. OF WTR.)	COOLING		RE-HEAT COIL						SOUND		MANUFACTURER	MODEL NO.
				MAX. CFM	MIN. CFM	CFM	E.A.T. (°F)	L.A.T. (°F)	MIN. CAPACITY (BTUH)	E.W.T. (°F)	L.W.T. (°F)	GPM	MAX. RAD. NC	MAX. DIS. NC		
VAV13-111-2	108 - EATERY	10"	0.50	805	245	245	55.0	105.0	13,261	180.0	160.0	1.3	<20	<20	Price Industries	SDV Series
VAV13-111-3	C110 - CORRIDOR	8"	0.50	695	210	210	55.0	105.0	11,259	180.0	160.0	1.1	<20	<20	Price Industries	SDV Series

EXISTING TERMINAL UNIT SCHEDULE (SINGLE DUCT - HYDRONIC REHEAT)

TAG	LOCATION	NECK SIZE	MIN. INLET S.P. (IN. OF WTR.)	COOLING		RE-HEAT COIL						SOUND		MANUFACTURER	MODEL NO.
				MAX. CFM	MIN. CFM	CFM	E.A.T. (°F)	L.A.T. (°F)	MIN. CAPACITY (BTUH)	E.W.T. (°F)	L.W.T. (°F)	GPM	MAX. RAD. NC	MAX. DIS. NC		
(E)VAV13-111-1	108 - EATERY	8"	0.50	440	135	135	55.0	105.0	7,112	180.0	160.0	0.7	<20	<20	Price Industries	SDV Series
(E)VAV13-111B	110A - CONF.	8"	0.50	410	125	125	55.0	105.0	5,781	180.0	160.0	0.6	<20	<20	Price Industries	SDV Series
(E)VAV13-111C	110B - LEARNING	10"	0.50	720	220	220	55.0	105.0	10,960	180.0	160.0	1.1	<20	<20	Price Industries	SDV Series
(E)VAV13-111D	110C - LEARNING	10"	0.50	720	220	220	55.0	105.0	10,960	180.0	160.0	1.1	<20	<20	Price Industries	SDV Series
(E)VAV13-111E	111 - UNT WISE	14"	0.50	865	260	260	55.0	105.0	19,615	180.0	160.0	2	<20	<20	Price Industries	SDV Series
(E)VAV13-111F-1	111 - UNT WISE	10"	0.50	365	110	110	55.0	105.0	5,992	180.0	160.0	0.6	<20	<20	Price Industries	SDV Series
(E)VAV13-111F-2	111 - UNT WISE	8"	0.50	325	100	100	55.0	105.0	5,099	180.0	160.0	0.5	<20	<20	Price Industries	SDV Series
(E)VAV13-111M	132 - DSI TECH	10"	0.50	490	150	150	55.0	105.0	10,854	180.0	160.0	1.1	<20	<20	Price Industries	SDV Series
(E)VAV13-111T	111 - UNT WISE	12"	0.50	850	255	225	55.0	105.0	17,731	180.0	160.0	1.8	<20	<20	Price Industries	SDV Series
(E)VAV13-111YZ	111K - CORR.	10"	0.50	500	150	150	55.0	105.0	8,119	180.0	160.0	0.8	<20	<20	Price Industries	SDV Series

EXISTING TERMINAL UNIT SCHEDULE (SINGLE DUCT - COOLING ONLY)

TAG	LOCATION	NECK SIZE	MIN. INLET S.P. (IN. OF WTR.)	COOLING		SOUND		MANUFACTURER	MODEL NO.
				MAX. CFM	MIN. CFM	MAX. RAD. NC	MAX. DIS. NC		
(E)VAV13-125	125 - WOMEN	8"	0.25	315	95	<20	<20	Price Industries	SDV Series



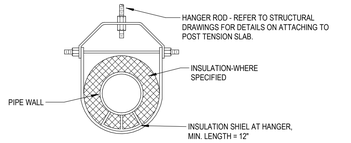
NOTES:

1. THE DESIGN INTENT IS TO UTILIZE THE EXISTING SEQUECE OF OPERATIONS FOR ALL NEW AND EXISTING AIR TERMINAL UNITS.

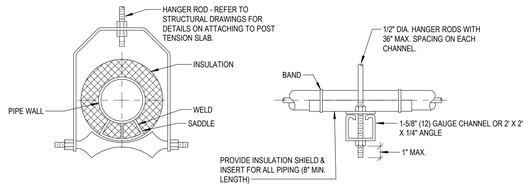
VARIABLE AIR VOLUME UNIT CONTROL DIAGRAM
NOT TO SCALE — 2

MECHANICAL GENERAL NOTES

1. FURNISH AND INSTALL ALL MATERIALS AND LABOR REQUIRED TO PROVIDE COMPLETE AND OPERABLE HVAC SYSTEMS WITH ALL ITEMS AND APPURTENANCES NECESSARY EVEN THOUGH NOT SPECIFICALLY IDENTIFIED.
2. ALL WORK AND/OR MATERIALS SHALL BE INSTALLED BY A LICENSED CONTRACTOR AND SHALL CONFORM TO ALL APPLICABLE NATIONAL AND LOCAL BUILDING AND MECHANICAL CODES.
3. ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS. INSTALL TURNING VANES IN ALL DUCTWORK ELBOWS.
4. WHERE DUCTWORK IS INDICATED TO BE EXPOSED TO VIEW IN OCCUPIED SPACES, PROVIDE MATERIALS THAT ARE FREE FROM VISUAL IMPERFECTIONS INCLUDING PITTING, SEAM MARKS, ROLLER MARKS, AND STAINS AND DISCOLORATIONS, AND OTHER IMPERFECTIONS, INCLUDING THOSE THAT WOULD IMPAIR PAINTING.
5. ALL INTERIOR DUCTS SHALL BE CONSTRUCTED WITH G-60 OR BETTER GALVANIZED STEEL (ASTM A 653/A 653M) LFQ, CHEM TREAT. EXTERIOR DUCTWORK OR DUCT EXPOSED TO HIGH HUMIDITY CONDITIONS (I.E. MOISTURE LADEN EXHAUSTS NOT SPECIFIED TO BE STAINLESS STEEL) SHALL BE G-90 OR BETTER GALVANIZED STEEL LFQ, CHEM TREAT.
6. COORDINATE EXACT ROUTING OF ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF WORK.
7. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION AND ROUTING OF DUCTWORK WITH REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING LAYOUT. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL AIR DEVICES WITH REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING AND OTHER LAYOUTS.
8. ALL SUPPLY AND RETURN AIR DUCTWORK SHALL BE INSULATED WITH 2" THICK, 0.75 LB/CF (MINIMUM) FSK WRAP INSULATION (MINIMUM INSTALLED R-VALUE = R-6).
9. FLEXIBLE DUCTWORK RUNOUTS SHALL BE LIMITED TO 6'-0" EXTENDED LENGTH. FLEXIBLE DUCTWORK SHALL BE EQUAL TO ATCO #036. FLEXIBLE DUCTS, BOTH SUPPLY AND RETURN, SHALL HAVE INSULATION WITH A MINIMUM R-VALUE OF 6.0, PER IECC. DUCT SHALL HAVE A CONTINUOUS FLEXIBLE FIBERGLASS SHEATH WITH UL APPROVED METALIZED POLYESTER BARRIER JACKET.
10. INSTALL FLEXIBLE DUCTWORK CONNECTIONS AT ALL DUCT CONNECTIONS TO TERMINAL UNITS AND FANS.
11. ALL DUCT DIMENSIONS SHOWN ARE NET CLEAR INSIDE DIMENSIONS.
12. MOUNT ALL TEMPERATURE SENSORS 4'-0" ABOVE FLOOR (TYPICAL).
13. FOR ALL VOLUME DAMPERS LOCATED ABOVE A HARD CEILING, PROVIDE AND INSTALL A WORM GEAR REMOTE VOLUME DAMPER REGULATOR. INSTALL KEY ACCESS IN THE CEILING DIRECTLY BELOW THE DAMPER AND PAINT CAP TO MATCH CEILING.
14. DO NOT ROUTE ANY DUCTWORK OVER ELECTRICAL PANELS OR I.T. SERVERS.
15. ALL NEW DUCTWORK EXPOSED TO VIEW SHALL BE 1-1/2" INSULATED DOUBLE WALL GALVANIZED DUCT AND PAINT GRIP TYPE. THE COLOR AND EXTENT OF EXPOSED DUCTWORK OR EXISTING WRAP INSULATION TO BE PAINTED SHALL BE COORDINATED AND CONFIRMED WITH THE ARCHITECT.
16. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER'S TESTING AND BALANCING AGENCY TO TEST AND BALANCE THE HVAC SYSTEMS. SYSTEMS SHALL BE BALANCED PER SPECIFICATION REQUIREMENTS. THE CONTRACTOR SHALL PLACE ALL SYSTEMS AND EQUIPMENT INTO FULL OPERATION FOR TESTING AND BALANCING. ONE COPY OF THE FINAL TEST AND BALANCE REPORT WITH THE AABC NATIONAL PERFORMANCE GUARANTY SHALL BE SENT DIRECTLY TO THE ENGINEER OF RECORD. PROVIDE FIVE (5) ADDITIONAL COPIES TO THE CONTRACTOR.
17. BRANCH DUCTS SHALL BE PROVIDED WITH A MANUAL VOLUME BALANCING DAMPER. ALL EXISTING AND NEW MANUAL VOLUME BALANCING DAMPERS WITHIN THE PROJECT AREA SHALL BE PROVIDED WITH ORANGE RIBBON ON THE HANDLE FOR TEST AND BALANCING.
18. ALL EXISTING DUCTWORK TO REMAIN SHALL BE THOROUGHLY INSPECTED FOR DAMAGE AND AIR LEAKAGE. ALL OBSERVED DAMAGED DUCTWORK OR AIR LEAKAGE SHALL BE PATCHED OR REPAIRED, SEAL AIR AND WATER-TIGHT.
19. CONTRACTOR SHALL INSPECT ALL EXISTING DUCTWORK TO REMAIN AND CONFIRM WHETHER THIS DUCTWORK IS PROVIDED WITH WRAP INSULATION OR IS INTERNALLY LINED. ANY DUCTWORK TO REMAIN THAT IS UNINSULATED SHALL BE PROVIDED WITH INSULATION PER THE SPECIFICATIONS. ADDITIONALLY, ALL EXISTING UNINSULATED PIPING TO REMAIN SHALL BE PROVIDED WITH INSULATION AS REQUIRED IN THE SPECIFICATIONS.
20. FOR ALL PIPING AND DUCTWORK WITHIN THE PROJECT AREA, MISSING SECTIONS OF INSULATION SHALL BE PATCHED AND REPAIRED. USE INSULATION OF SAME THICKNESS AS EXISTING INSULATION. INSTALL NEW JACKET LAPPING AND SEALED OVER EXISTING.
21. ALL VAV BOXES AND VALVES LOCATED ABOVE THE CEILING SHALL BE PROVIDED WITH AN IDENTIFICATION LABEL ON THE CEILING BELOW THE ITEM.



ADJUSTABLE CLEVIS HANGER

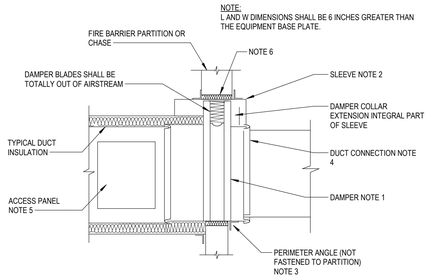


ADJUSTABLE ROLLER HANGER

SIDE VIEW
TRAPEZE HANGER FOR UP TO 1000 LB. UNIFORM LOAD

MAXIMUM PIPE SUPPORT SPACING, FEET																	
NOM. PIPE SIZE	THRU 3/4"	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24
SPACING	7 FT	7	8	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST PIPE SIZE ON TRAPEZE																		

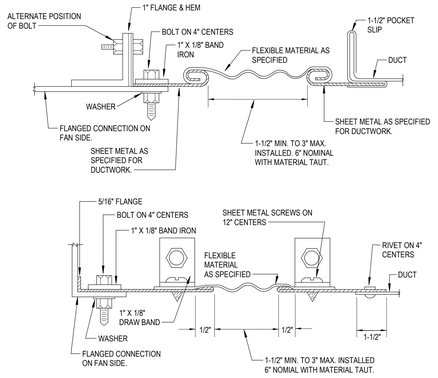
PIPE HANGER DETAILS
NOT TO SCALE — 3



NOTES:

1. FOLLOW DAMPER MANUFACTURER'S INSTRUCTIONS, INCLUDING FASTENER OPTIONS AND GAGES FOR SLEEVE & PERIMETER ANGLES. FIRE DAMPERS MUST BE INSTALLED IN THE PARTITION OR FLOOR, NOT OUTSIDE THE PENETRATION.
2. GALVANIZED SLEEVE: GAGE NOT LESS THAN THAT OF CONNECTING DUCT. FASTEN SLEEVE TO DAMPER FRAME & PERIMETER ANGLES.
3. PERIMETER ANGLES: GALVANIZED STEEL NOT LESS THAN 1-1/2"x1-1/2"x1/4", TO PROVIDE 1" MINIMUM OVERLAP OF OPENING ON ALL SIDES.
4. BREAKAWAY DUCT CONNECTION: CONTRACTORS OPTION OF TYPES SHOWN IN SMACNA LPDS, FIG. 2-13. SEAL JOINTS.
5. ACCESS PANEL: SIZE & LOCATE TO PERMIT SERVICING THE FUSIBLE LINK OR LINKS.
6. PROVIDE 1/4" TO 1/2" CLEARANCE ON HEIGHT & WIDTH FILL OPEN SPACE WITH ROCK WOOL FIRESTOP FIBER.
7. FIRE DAMPER SHLL BE TYPE "C" - BLADES TOTALLY OUT OF AIRSTREAM.

FIRE DAMPER INSTALLATION DETAIL
NOT TO SCALE — 4



TYPICAL FLEX CONNECTION DETAIL
NOT TO SCALE — 5

AIR DEVICE SCHEDULE

TAG	DESCRIPTION	OPPOSED BLADE DAMPER	FINISH	PRICE MODEL NO.
S1	12"x12" SQ. LOUVERED FACE CEILING DIFFUSER 6"ø NECK	NO	WHITE ENAMEL	SCD
S2	24"x24" SQ. LOUVERED FACE CEILING DIFFUSER 6"ø NECK	NO	WHITE ENAMEL	SCD
S3	24"x24" SQ. LOUVERED FACE CEILING DIFFUSER 8"ø NECK	NO	WHITE ENAMEL	SCD
S4	24"x24" SQ. LOUVERED FACE CEILING DIFFUSER 10"ø NECK	NO	WHITE ENAMEL	SCD
S5	16"x6" SPIRAL DUCT GRILLE EXTRUDED ALUMINUM FRAME 22° DEFLECTION	AIR SCOOP	PC12 PRIME COAT	SDGE
S6	4'-0" LONG LINEAR SLOT DIFFUSER WITH (2) 3/4" SLOTS AND INSULATED PLENUM	NO	WHITE ENAMEL	SDS75 w/ SDB175
R1	12"x24" PERFORATED FACE CEILING RETURN GRILLE 10"x22" NECK	NO	WHITE ENAMEL	PDDR
R2	24"x24" PERFORATED FACE CEILING RETURN GRILLE 22"x22" NECK	NO	WHITE ENAMEL	PDDR
R3	48"x6" LINEAR BAR GRILLE 1/8" BARS WITH 1/2" SPACING 15° DEFLECTION WITH CONCEALED PLASTER FRAME	NO	WHITE ENAMEL	LBPH WITH CPF
R4	72"x6" LINEAR BAR GRILLE 1/8" BARS WITH 1/2" SPACING 15° DEFLECTION WITH CONCEALED PLASTER FRAME	NO	WHITE ENAMEL	LBPH WITH CPF
E1	12"x12" PERFORATED FACE CEILING EXHAUST GRILLE 6"ø NECK	NO	WHITE ENAMEL	PDDR

NOTES:

1. ALL SUPPLY DIFFUSERS LISTED AS LOUVERED FACE TYPE SHALL BE (4) CONE LOUVER TYPE.
2. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
3. ALL AIR DEVICES INSTALLED IN GYP BOARD, PLASTER, OR OTHER HARD CEILING SHALL HAVE A SEPARATE MOUNTING FRAME.
4. LINEAR SLOT DIFFUSERS SHALL HAVE AN INSULATED PLENUM AND BLACK PATTERN CONTROLLERS.
5. SPRIAL DUCT GRILLES CURVED FRAME SHALL MATCH THE SUPPLY AIR DUCT RADIUS.

TRANSFER AIR DEVICE SCHEDULE

TAG	SIZE W" x H"	MAX. CFM	MAX. VELOCITY (FPM)	MANUFACTURER	MODEL NO.
TD-A	12" x 8"	155	250	PRICE	RAS-LP-T
TD-B	26" x 14"	840	365	PRICE	RAS-LP-T
TD-C	30" x 20"	1,020	265	PRICE	RAS-LP-T

NOTES:

1. ALL TRANSFER AIR DEVICES EXPOSED TO VIEW, SHALL BE PAINTED TO MATCH SURROUNDING CONDITIONS. COORDINATE COLOR WITH ARCHITECT.
2. ALL TRANSFER AIR DEVICES SHALL HAVE FIBER FREE FOAM ACOUSTIC MEDIA.
3. ALL TRANSFER AIR DEVICES SHALL HAVE A PRIME COAT FINISH.

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1	ADDENDUM 1	02/27/25

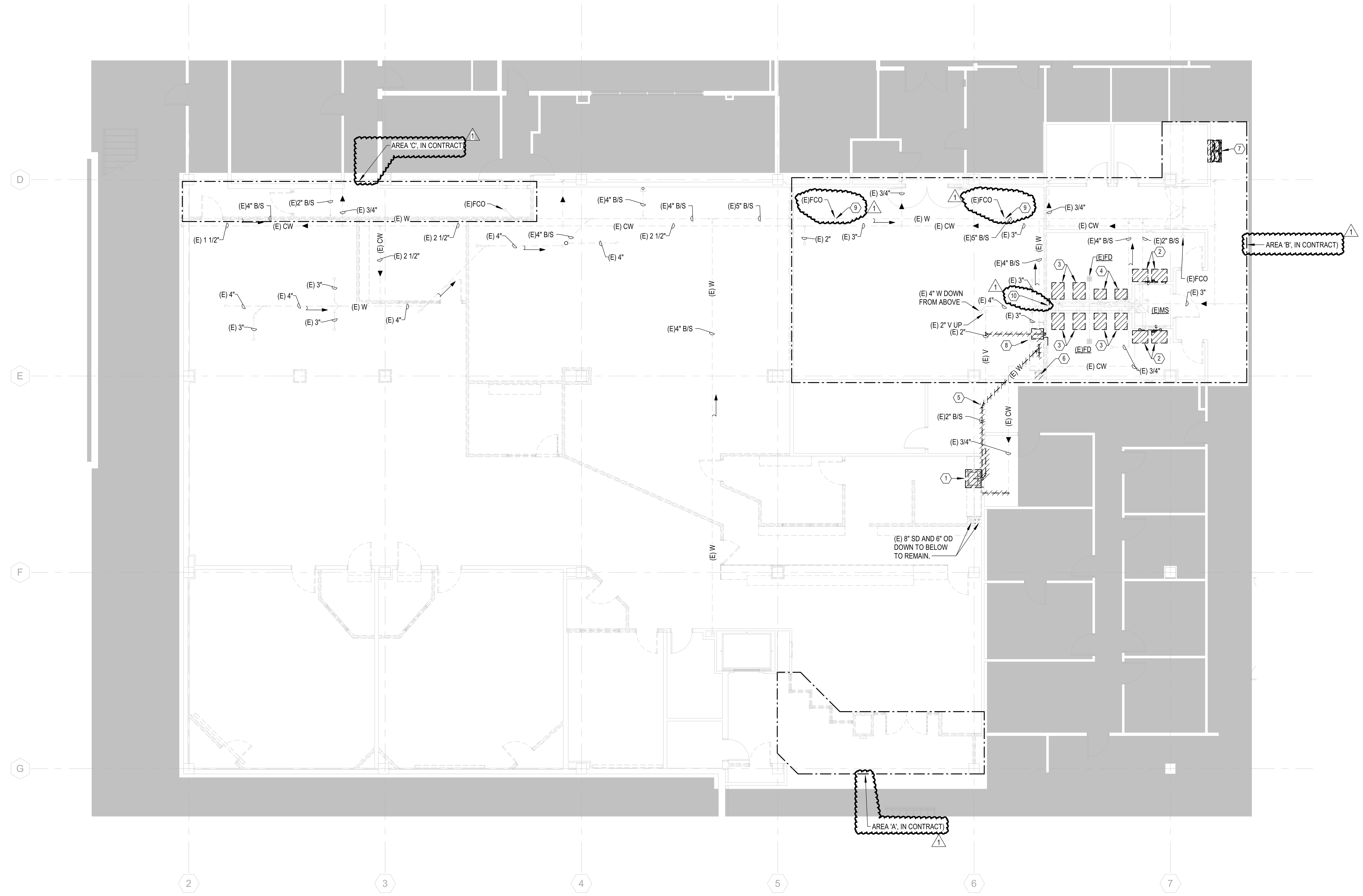
M301

MECHANICAL SCHEDULES AND DETAILS

Treanor NO. HE0569.2401.00

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	COLD WATER (CW)
	HOT WATER (110°F HW)
	HOT WATER RETURN
	WASTE (SANITARY SEWER)
	VENT
SD	STORM DRAIN
OD	OVER FLOW DRAIN
	GATE VALVE
	BALL VALVE
	CHECK VALVE
	BALANCE VALVE
	MOTORIZED SHUTOFF VALVE
	MODULATING CONTROL VALVE
	THREE-WAY CONTROL VALVE
	BUTTERFLY VALVE
	STRAINER
	PLUG VALVE
	GAS PRESSURE REGULATOR
	UNION
	CAP END OF LINE
	RISER DOWN
	RISER UP
	PLUG CLEANOUT
	DIRECTION OF FLOW
	DIRECTION OF PITCH (DOWN)
	EXISTING TO REMAIN
	ITEM TO BE REMOVED
	CONNECT TO EXISTING
	FLOOR DRAIN
	GAUGE
	THERMOMETER
	PIPE WELL
	THERMOMETER WELL
PMV	POINT-OF-USE MIXING VALVE
WHA	WATER HAMMER ARRESTOR
CO	CLEANOUT
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
OD	OVERFLOW DRAIN
RD	ROOF DRAIN
W	WASTE
(E)	EXISTING TO REMAIN
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
B/S	BELOW SLAB
I.E.	INVERT ELEVATION
POC	POINT OF CONNECTION
NIC	NOT IN CONTACT



LEVEL 1 FLOOR PLAN - PLUMBING DEMOLITION

1/8" = 1'-0"

0 4' 8' 16'

1

NOTES BY SYMBOL: "#"

1. REMOVE EXISTING SINK AND ALL ASSOCIATED UTILITIES. CAP EXISTING UTILITIES ABOVE CEILING WATER-TIGHT.
2. REMOVE EXISTING LAVATORY, DOMESTIC COLD WATER, AND WASTE PIPING BACK TO WALL. PREPARE EXISTING PIPING TO REMAIN FOR NEW CONNECTION. REMOVE EXISTING TANKLESS WATER HEATER, PIPING, AND ALL ASSOCIATED ACCESSORIES.
3. REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED UTILITIES BACK TO WALL. PREPARE EXISTING PIPING FOR NEW CONNECTION.
4. REMOVE EXISTING URINAL AND ALL ASSOCIATED UTILITIES BACK TO WALL. PREPARE EXISTING PIPING FOR NEW CONNECTION.
5. REMOVE EXISTING WASTE MAIN BELOW SLAB AS INDICATED. PREPARE PIPING TO REMAIN FOR NEW CONNECTION.
6. REMOVE EXISTING 4" WASTE RISER FROM FIRST FLOOR PENETRATION TO ABOVE CEILING AND PREPARE PIPING FOR NEW CONNECTION. INSTALL NEW FLOOR CLEANOUT AT EXISTING FIRST FLOOR PENETRATION.
7. REMOVE EXISTING ELECTRIC WATER COOLERS AND ALL UTILITIES BACK TO ASSOCIATED MAINS. CAP EXISTING UTILITIES ABOVE CEILING WATER-TIGHT. PLUG AND CAP EXISTING WASTE PIPING IN WALL.
8. EXISTING SINK TO BE REMOVED AND RELOCATED. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING SINK. REMOVE EXISTING UTILITIES BACK TO THEIR ASSOCIATED MAINS AND PREPARE PIPING FOR NEW CONNECTION. REFER TO 1/P101 FOR NEW LOCATION.
9. EXISTING FLOOR CLEANOUT SHALL BE REPLACED WITH NEW FLOOR CLEANOUT COMPATIBLE WITH NEW FLOORING.
10. EXISTING COUPLINGS ON EXISTING WASTE PIPING SHALL BE REPLACED WITH HEAVY DUTY COUPLINGS CONFORMING TO ASTM C 1540 AS MANUFACTURED BY HUSKY SD 4000.

SHEET NOTES:

1. THIS BUILDING WILL BE OCCUPIED DURING THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CAREFULLY COORDINATE AND SCHEDULE ANY REQUIRED SHUTDOWNS WITH THE UNIVERSITY TO MINIMIZE DISRUPTIONS TO BUILDING OCCUPANTS.
2. : AREAS NOT IN SCOPE OF WORK.
3. ANY PIPING THAT IS NO LONGER TO BE USED SHALL BE REMOVED. NO ABANDONED PIPING IS ALLOWED.
4. EXISTING RUBBER CAPS ON EXISTING CHEMICAL WASTE PIPING SHALL BE REPLACED WITH NEW CAPS OF SAME MATERIAL AS EXISTING PIPING.
5. EXISTING ACCESS PANELS SHALL BE MAINTAINED WITHIN NEW WALLS TO ALLOW FOR REQUIRED ACCESS TO VALVES.

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PD101

LEVEL 1 FLOOR PLAN - DEMO PLUMBING

Treanor NO. HE0569.2401.00

WATER HEATER SCHEDULE (ELECTRIC)

TAG	LOCATION	VOLUME (GAL)	NUMBER ELEMENTS	ELEMENT WATTAGE	RATED kW	VOLTAGE	PHASE	RECOVERY RATE (GPH @ 80°F RISE)	MANUFACTURER	MODEL NO.
WH-1	120A - MECH.	30	2	3,000	3,000	208	1	15	A. O. Smith	DEL-30

NOTES:

1. PROVIDE SHUTOFF VALVE ON HOT AND COLD WATER LINE.
2. PROVIDE EXPANSION TANK EQUAL TO AMTROL ST-05.
3. ELEMENTS SHALL BE WIRED NON-SIMULTANEOUS.

PLUMBING PUMP SCHEDULE

TAG	TYPE	FLOW (GPM)	HEAD (FT)	MOTOR				MANUFACTURER	MODEL NO.
				HP	RPM	VOLTAGE	PHASE		
CP-1	IN-LINE	5	25	.362	3300	115	1	Bell & Gossett	NBF-45

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	C	H	W	V	DESCRIPTION
WC-1	WATER CLOSET, WALL HUNG FLUSH VALVE, ACCESSIBLE	1"	-	4"	2"	AMERICAN STANDARD #3351.128. VITREOUS CHINA (1.28 GPF), ELONGATED TOILET WITH TOP SPUD. SLOAN ROYAL #111-SFSM-1.28 (1.28 GPF) BATTERY POWERED AUTOMATIC FLUSH VALVE. CHURCH #9500CT OPEN FRONT SEAT WITH STA-TITE HINGES. TOP OF SEAT 17-1/2" AFF.
WC-2	WATER CLOSET, WALL HUNG FLUSH VALVE	1"	-	4"	2"	AMERICAN STANDARD #3351.128. VITREOUS CHINA (1.28 GPF), ELONGATED TOILET WITH TOP SPUD. SLOAN ROYAL #111-SFSM-1.28 (1.28 GPF) BATTERY POWERED AUTOMATIC FLUSH VALVE. CHURCH #9500CT OPEN FRONT SEAT WITH STA-TITE HINGES. TOP OF SEAT 15" AFF.
UR-1	URINAL, WALL HUNG FLUSH VALVE, ACCESSIBLE	3/4"	-	2"	2"	AMERICAN STANDARD #6590.525. VITREOUS CHINA, 0.125 GPF, ELONGATED RIM WITH TOP SPUD SLOAN ROYAL #186-SFSM-.13 (0.125GPF) BATTERY POWERED AUTOMATIC FLUSH VALVE. MOUNT RIM 15-1/4" AFF.
UR-2	URINAL, WALL HUNG FLUSH VALVE	3/4"	-	2"	2"	AMERICAN STANDARD #6590.525. VITREOUS CHINA, 0.125 GPF, ELONGATED RIM WITH TOP SPUD. SLOAN ROYAL #186-SFSM-.13 (0.125GPF) BATTERY POWERED AUTOMATIC FLUSH VALVE. MOUNT RIM 24" AFF.
L-1	LAVATORY, WALL HUNG ACCESSIBLE	1/2"	1/2"	2"	2"	AMERICAN STANDARD #0356.421. VITREOUS CHINA WALL-HUNG LAVATORY WITH SINGLE CENTER FAUCET HOLE AND CONCEALED ARMS SUPPORT. SLOAN #SF-2150-4-BAT-BDM-CP-0.35GPM-MLM-IR-FCT (0.35 GPM) BATTERY OPERATED FAUCET WITH MANUFACTURER'S ASSE 1070 BELOW DECK THERMOSTATIC MIXING VALVE, GRID STRAINER & P-TRAP. ADA INSULATION PACKAGE.
L-2	LAVATORY, UNDERCOUNTER MOUNT, ACCESSIBLE	1/2"	1/2"	2"	2"	KOHLER #K-2210-0. VITREOUS CHINA OVAL UNDERMOUNT LAVATORY. SLOAN #SF-2150-4-BAT-BDM-CP-0.35GPM-MLM-IR-FCT (0.35 GPM) BATTERY OPERATED FAUCET WITH MANUFACTURER'S ASSE 1070 BELOW DECK THERMOSTATIC MIXING VALVE, GRID STRAINER & P-TRAP. ADA INSULATION PACKAGE.
S-1	DOUBLE COMPARTMENT SINK COUNTERTOP, ACCESSIBLE	1/2"	1/2"	2"	2"	ELKAY #LRAD332265PD, 18. GA. STAINLESS STEEL 33"x22"x6-1/2" DEEP COUNTERTOP SINK. DRAIN OPENING TO BE IN THE CENTER REAR LOCATION. T&S #EC-3130-XP-F15 (1.5 GPM) BATTERY POWERED SENSOR FAUCET WITH AC/DC CONTROL MODULE, 6" GOOSENECK SPOUT, VANDAL RESISTANT AERATOR, GRID STRAINER AND P-TRAP, ADA INSULATION PACKAGE.
S-2	SINGLE COMPARTMENT HAND SINK COUNTERTOP ACCESSIBLE	1/2"	1/2"	2"	2"	ELKAY #BLR1560, 18. GA. STAINLESS STEEL 15"x15"x6-1/8" DEEP COUNTERTOP SINK. DRAIN OPENING TO BE IN THE CENTER REAR LOCATION. T&S #EC-3130-XP-F15 (1.5 GPM) BATTERY POWERED SENSOR FAUCET WITH AC/DC CONTROL MODULE, 6" GOOSENECK SPOUT, VANDAL RESISTANT AERATOR, GRID STRAINER AND P-TRAP, ADA INSULATION PACKAGE.
FD-1	FLOOR DRAIN SQUARE TOP	-	-	SEE PLAN	2"	WATTS #FD-100-M COATED CAST IRON WITH ADJUSTABLE SQUARE NIKALOY STRAINER. FLOOR DRAIN SHALL HAVE INSIDE CAULK CONNECTION AND PROSET TRAP GUARD.
FS-1	FLOOR SINK HALF GRATE	-	-	SEE PLAN		WATTS #FS-730 CAST IRON 12"x12"x6" DEEP SINK WITH ACID-RESISTANT COATING, FLANGE AND ALUMINUM INTERNAL DOME STRAINER. PROVIDE NIKALOY 1/2 GRATE. FLOOR SINKS SHALL HAVE INSIDE CAULK CONNECTION AND PROSET TRAP GUARD.
HD-1	HUB DRAIN	-	-	SEE PLAN	2"	WATTS #FD-100-DD COATED CAST IRON HUB ADAPTER AND MALE THREADED OUTLET.
EWC-1	ELECTRIC WATER COOLER WALL MOUNTED, TWO LEVEL ACCESSIBLE WITH BOTTLE FILLER	1/2"	-	1-1/2"	1-1/2"	HALSEY TAYLOR #HTHB-HAC8BLPV-WF, BARRIER FREE, TWO LEVEL, WALL MOUNTED WITH WATER FILTER AND BOTTLE FILLING STATION. CABINET SHALL BE VINYL CLAD STEEL. CHILD AND ADULT ADA COMPLIANT. COOLER SHALL DELIVER 8.0 GPH OF 50°F DRINKING WATER, 115/1ø/60HZ, UTILIZE R-134A REFRIGERANT. PROVIDE AND INSTALL "APRON" SKIRT UNDER THE HIGH EWC, HALSEY TAYLOR #98312C, AS REQUIRED BY ADA A117.1.

NOTES:

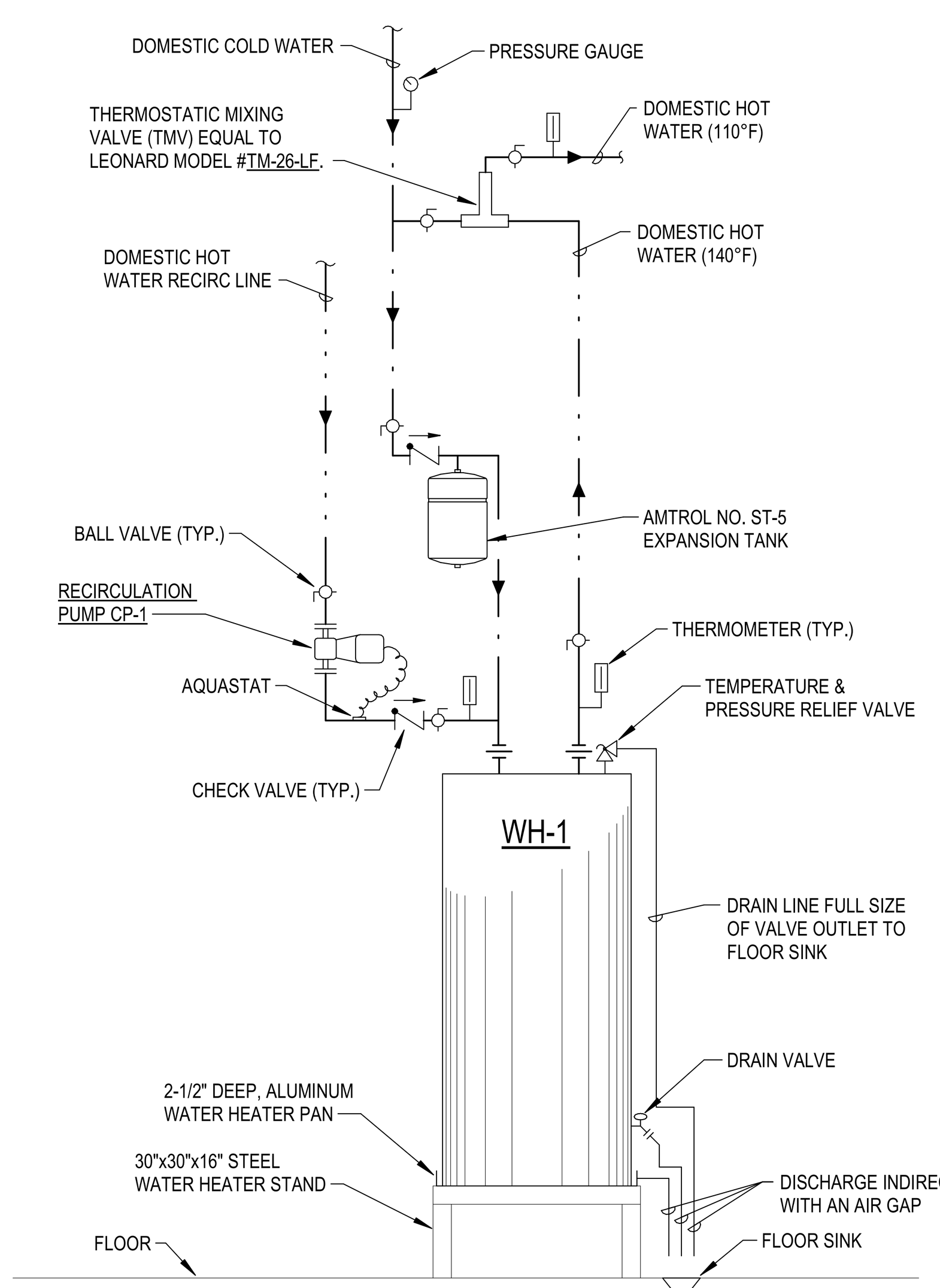
1. ALL FIXTURES SHALL MEET LOW WATER CONSUMPTION REQUIREMENTS.
2. PROVIDE STOPS AT ALL FIXTURES.
3. PROVIDE A COMPLETE PROSET TRAP GUARD SYSTEM FOR ALL FLOOR DRAINS AS REQUIRED BY LOCAL CODE.
4. ACCESSIBLE FIXTURES SHALL BE MOUNTED AND INSTALLED PER TAS.
5. PROVIDE FLOOR MOUNTED CARRIERS FOR ALL WALL MOUNTED FIXTURES.
6. PROVIDE TRUE-BRO "LAV-GUARD" INSULATION KIT FOR EXPOSED PIPING AT ALL ACCESSIBLE SINKS AND LAVS.

PLUMBING GENERAL NOTES

1. FURNISH AND INSTALL ALL MATERIALS AND LABOR REQUIRED TO PROVIDE AND OPERABLE PLUMBING SYSTEMS WITH ALL ITEMS AND APPURTENANCES NECESSARY, EVEN THOUGH NOT SPECIFICALLY CALLED OUT.
2. ALL WORK AND/OR MATERIAL SHALL BE INSTALLED BY A LICENSED CONTRACTOR.
3. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS/SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE PLUMBING CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO THE OWNER.
4. CROSS-CONNECTIONS OF ANY FIXTURE, DEVICE OR CONSTRUCTION WHICH WILL PERMIT BACKFLOW CONNECTIONS BETWEEN A WATER DISTRIBUTION SYSTEM AND ANY PART OF THE DRAINAGE SYSTEM SHALL NOT BE INSTALLED.
5. PLUMBING FIXTURES SHALL BE AS SCHEDULED. ALL HANDICAP FIXTURE INSTALLATIONS SHALL BE IN COMPLIANCE WITH ADA AND TAS (TEXAS ACCESSIBILITY STANDARDS). CONFIRM EXACT LOCATIONS OF ALL PLUMBING FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION. ALL FIXTURES SHALL BE COMPLETE WITH ALL NECESSARY TRIM. ALL EXPOSED METAL PARTS SHALL BE CHROME PLATED BRASS.
6. CONFIRM ROUGH-IN REQUIREMENTS FOR ALL EQUIPMENT PRIOR TO INSTALLATION.
7. COORDINATE EXACT ROUTING OF ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF WORK.
8. PROVIDE TRAP GUARDS FOR ALL FLOOR DRAINS AND FLOOR SINKS EXCEPT FOR THOSE AREAS NOT REQUIRED BY THE CITY OF DENTON PLUMBING CODE.
9. PROVIDE FACTORY MANUFACTURED WATER HAMMER ARRESTORS WHERE REQUIRED AND/OR INDICATED ON THE DRAWINGS.
10. CONTRACTOR SHALL CONFIRM DEPTHS OF EXISTING SEWER LINES AND CONFIRM ADEQUACY FOR CONNECTION OF NEW SYSTEM. THE ENGINEER SHALL BE NOTIFIED IF THE REQUIRED SLOPES CAN NOT BE MAINTAINED, PRIOR TO INSTALLATION OF ANY NEW PIPING.
11. ALL WATER PIPING PASSING THROUGH CONCRETE FLOOR SLABS SHALL BE COMPLETELY ISOLATED FROM THE CONCRETE BY ENCASEMENT IN 1/2" THICK FLEXIBLE FOAM PLASTIC INSULATION FROM WELL BELOW THE BOTTOM OF THE CONCRETE SLAB UP TO TWO INCHES ABOVE THE BEAMS BELOW GRADE, IT SHALL BE WRAPPED WITH 2 PLYS OF 15# FELT TO ISOLATE THE PIPE FROM THE CONCRETE. WHERE WATER PIPE EXTENDS THROUGH CONCRETE GRADE BEAMS BELOW GRADE, IT SHALL BE ENCASED IN 3/8" THICK FLEXIBLE FOAM PLASTIC INSULATION. PIPING BELOW SLAB SHALL BE TYPE "M" SOFT TEMPER COPPER WITHOUT JOINTS.
12. ALL EXPOSED PIPING PASSING THROUGH FLOORS, CEILINGS OR WALLS SHALL BE PROVIDED WITH APPROVED PLATES OF SUFFICIENT DIAMETER TO COVER THE SLEEVE OPENING AND FIT SNUGLY AROUND THE PIPE.
13. WATER AND SEWER LINES SHALL BE LAID IN SEPARATE TRENCHES WITH A MINIMUM HORIZONTAL SPACING AS REQUIRED BY CODE.
14. THIS CONTRACTOR SHALL FURNISH ALL PIPE SUPPORTS REQUIRED FOR HIS EQUIPMENT AND MATERIAL. ALL HORIZONTAL RUNS OF PIPING SHALL BE SUPPORTED BY PIPE HANGERS SPACED NOT MORE THAN 10 FEET APART FOR PIPES 1-1/4" AND LARGER, AND 8' FOR PIPES SMALLER THAN 1-1/4", AND AT EACH JOINT FOR SOIL OR WASTE PIPE. ADDITIONAL SUPPORTS SHALL BE PROVIDED WHERE REQUIRED TO PREVENT SAGGING. HANGERS FOR COPPER PIPE SHALL HAVE NYLON INSULATED BUSHINGS OR PIPE SHALL BE WRAPPED WITH 15# FELT.
15. CLEANOUTS SHALL BE PROVIDED WHERE INDICATED ON THE DRAWINGS, OR WHERE REQUIRED, TO PROVIDE ACCESS TO ALL LINES AND AT HORIZONTAL RUN AT INTERVALS NOT EXCEEDING 80 FEET IN ALL SOIL, WASTE AND DRAIN LINES. CLEANOUTS SHALL BE SAME AS PIPE EXCEPT CLEANOUTS LARGER THAN 4" WILL NOT BE REQUIRED.
16. DO NOT INSTALL PVC PIPING IN ANY RETURN AIR PLENUMS.
17. BACKFLOW PREVENTERS (RPZA) SHALL BE CERTIFIED AND SUBMITTED TO THE CITY OF DENTON.
18. PROVIDE A MINIMUM CLEARANCE OF 24" OF FREE AREA IN FRONT OF BACKFLOW PREVENTERS FOR ACCESSIBILITY. ALL BACKFLOW PREVENTERS SHALL BE PROVIDED WITH SEDIMENT STRAINER, ISOLATION VALVES, AIR GAP, AND FULL-SIZE DRAIN PIPING.
19. CONTRACTOR SHALL WRAP ALL EXISTING PVC PIPING, INSTALLED WITHIN THE RETURN AIR PLENUM SPACE, WITH UNIFRAX FYREWRAP 0.5 PLENUM INSULATION.

1

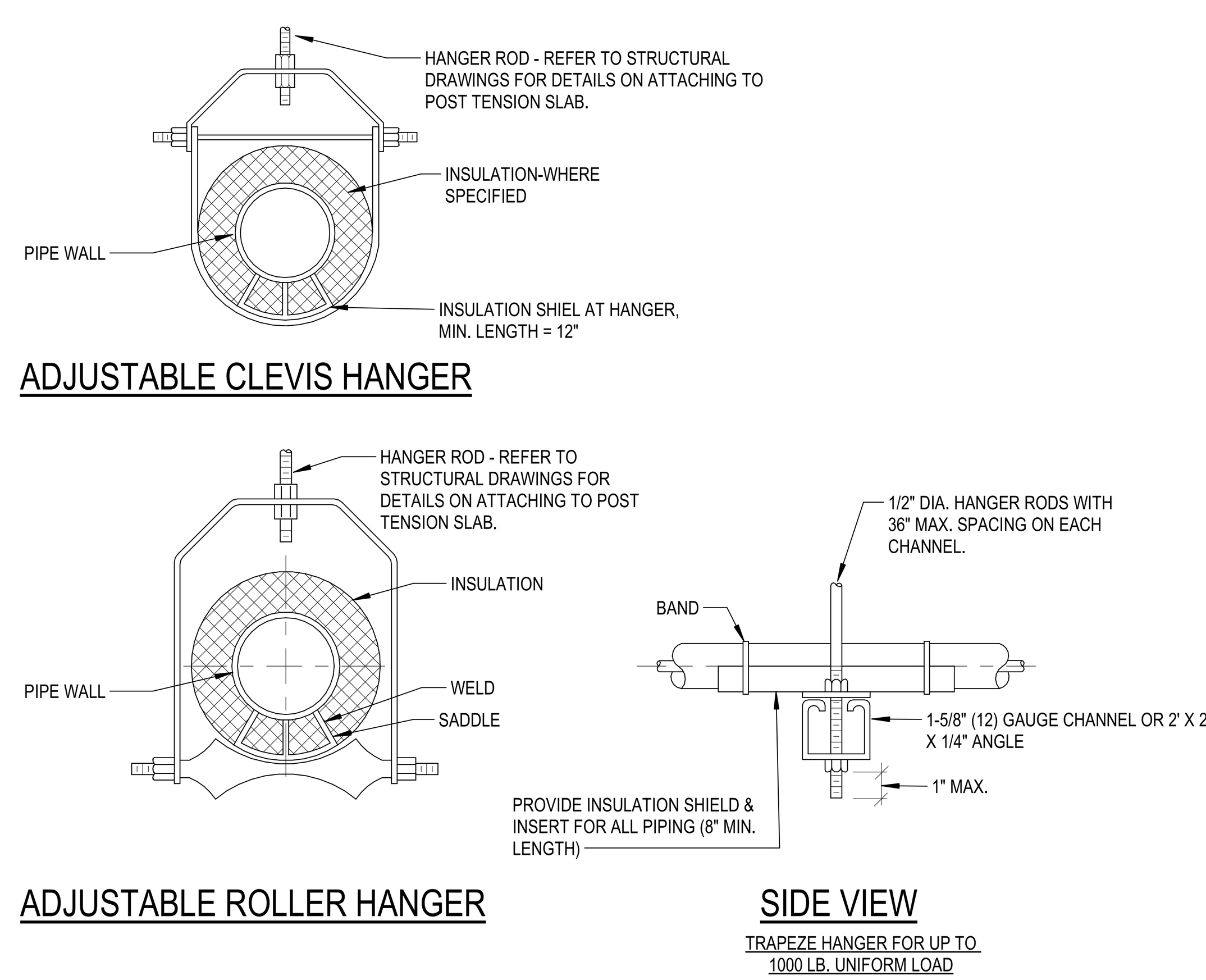
20. ALL VALVES LOCATED ABOVE THE CEILING SHALL BE PROVIDED WITH AN IDENTIFICATION LABEL ON THE CEILING BELOW THE ITEM.
21. FOR ALL PIPING WITHIN THE PROJECT AREA, MISSING SECTIONS OF INSULATION SHALL BE PATCHED AND REPAIRED. USE INSULATION OF SAME THICKNESS AS EXISTING INSULATION, INSTALL NEW JACKET LAPPING AND SEALED OVER EXISTING.



NOTES:

1. SET TANK TEMPERATURE TO 140°F.
2. PROVIDE TIMER FOR SCHEDULING CIRC PUMP.
3. REFER TO PLUMBING PLANS FOR SIZES.

ELECTRIC WATER HEATER DETAIL 1
NOT TO SCALE

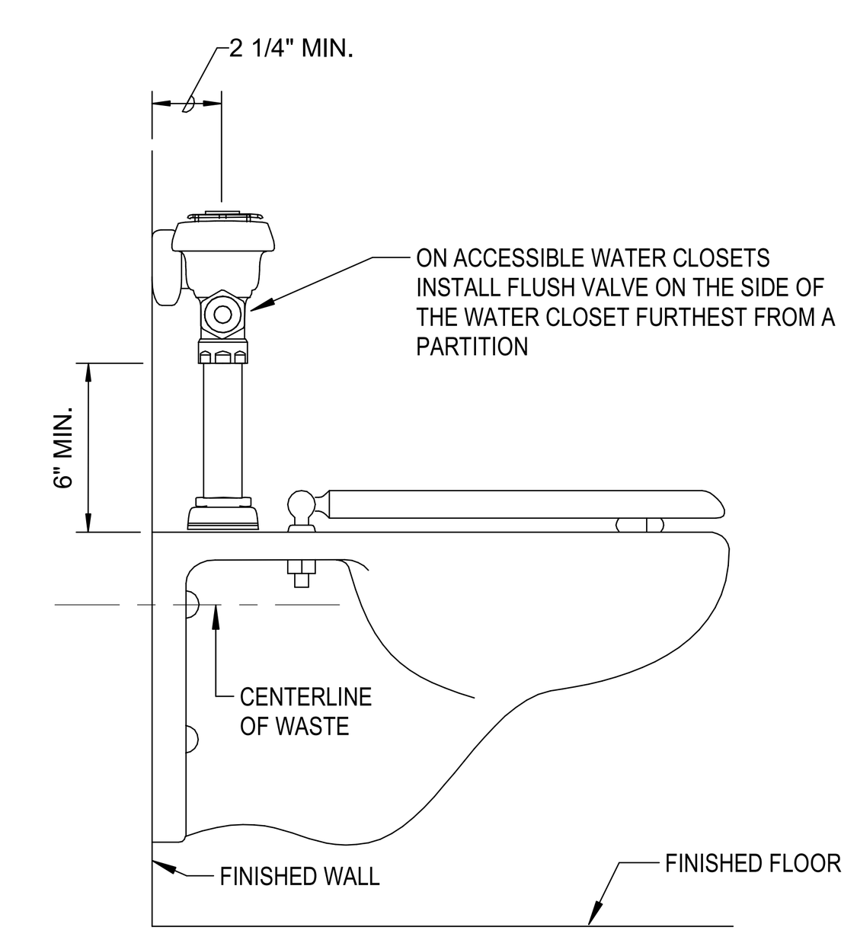


MAXIMUM PIPE SUPPORT SPACING, FEET

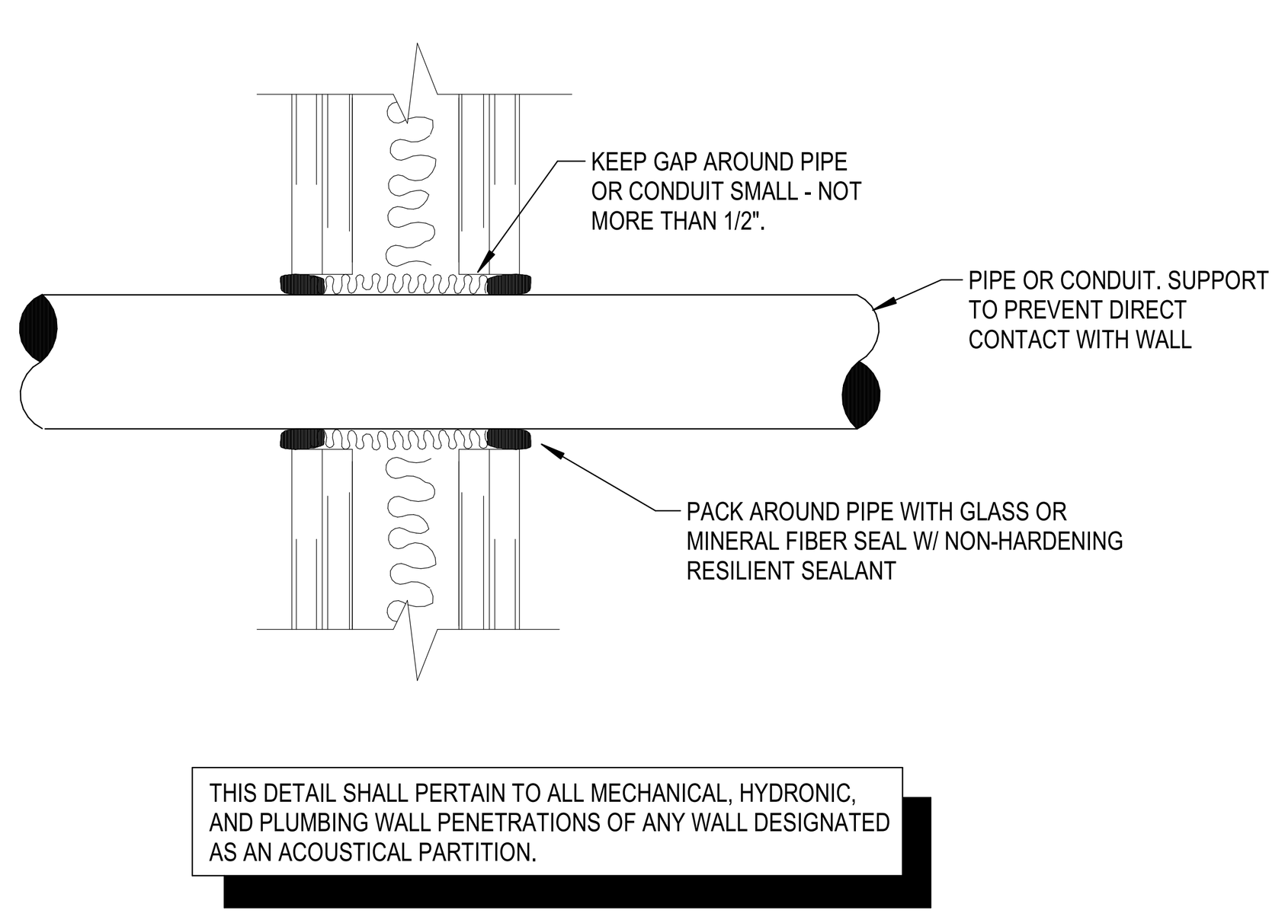
NOM. PIPE SIZE	THRU 3/4"	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24
SPACING	7 FT	7	8	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST PIPE SIZE ON TRAPEZE

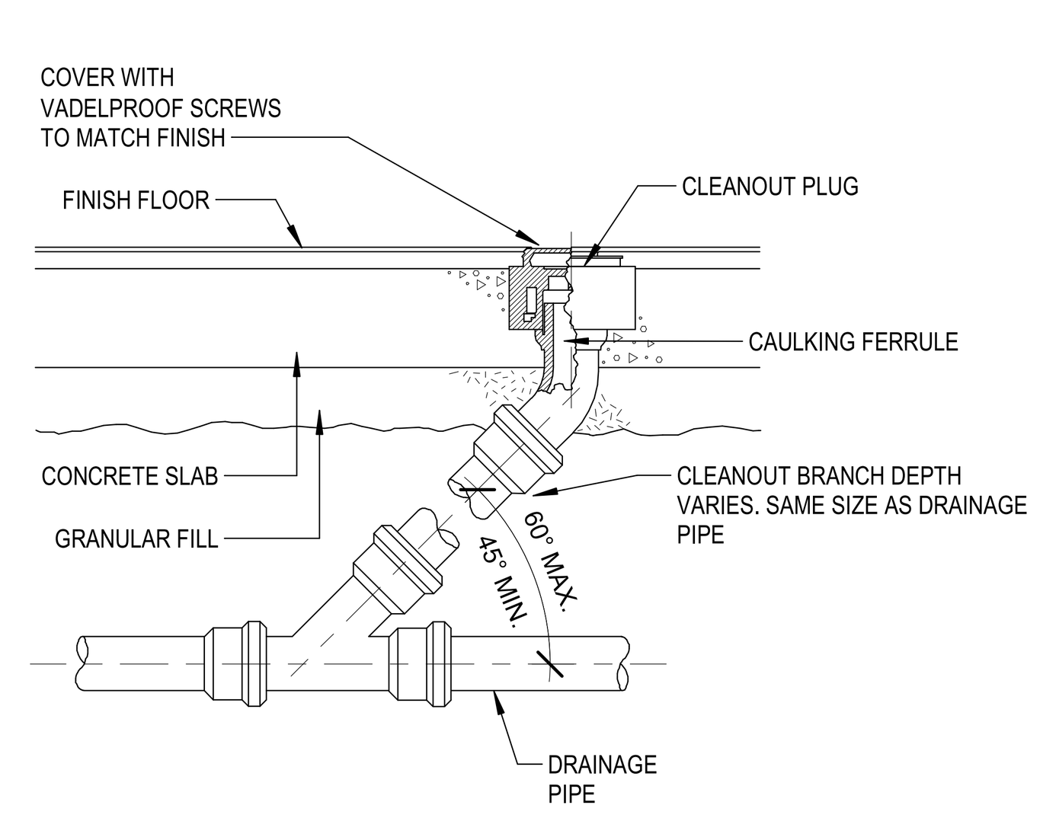
PIPE HANGER DETAILS 2
NOT TO SCALE



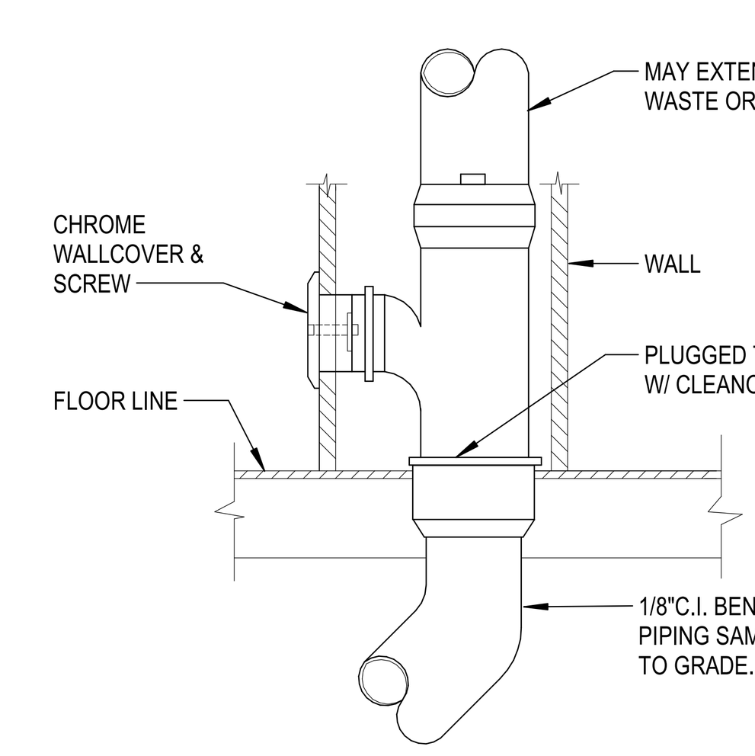
FLUSH VALVE INSTALLATION DETAIL 3
NOT TO SCALE



DRYWALL PIPE PENETRATION DETAIL 4
NOT TO SCALE



BELOW FLOOR CLEANOUT DETAIL 5
NOT TO SCALE



NOTES:

1. CLEAN OUT SHALL BE INSTALLED ABOVE THE WASTE FLOWLINE.
2. CLEAN OUT SHALL BE INSTALLED FLUSH WITH THE INSIDE OF THE SHEETROCK.

WALL CLEANOUT DETAIL 6
NOT TO SCALE

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P301

PLUMBING SCHEDULES AND DETAILS

Treanor NO. HE0569.2401.00

NOTES BY SYMBOL

1. REMOVE 120V TO POWERED SCREEN
2. REMOVE SCREEN CONTROL DEVICE SINGLE GANG DEVICE BOX AND CONDUIT TO ACCESSIBLE CEILING.
3. DATA RACK WITH EMERGENCY GENERATOR POWER WILL BE RELOCATED BY UNT DATA SERVICES. REMOVE GENERATOR CIRCUIT CONDUIT AND CONDUCTORS BACK TO 1ST COUPLING ABOVE ACCESSIBLE CEILING. (SEE SHEET E201 NOTE BY SYMBOL 10 FOR NEW WORK.) COORDINATE AND PHASE ALL STEPS OF OF THIS RELOCATION WITH ARCHITECT, OWNER, AND UNT DATA SERVICES PRIOR TO ANY WORK.
4. REMOVE ELECTRICAL CIRCUIT CONNECTION, J-BOX/DEVICE TO INSTA-HOT WATER HEATER. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE PANEL.
5. REMOVE QUAD RECEPTACLES, DEVICE BOXES CONDUIT AND CONDUCTORS WHICH COME IN CONFLICT WITH NEW EGRESS CORRIDOR. ELECTRICAL CIRCUITS WILL BE RELOCATED TO OPPOSITE CORNER OF ROOM TO RE-INSTALLED QUAD RECEPTACLES.

GENERAL NOTES

1. REMOVE ALL WIRING DEVICES (SHOWN BOLD AND DASHED) AND ASSOCIATED BRANCH CIRCUIT CONDUIT/WIRING WITHIN WALLS BEING REMOVED (SHOWN DASHED) IN THE RENOVATION AREA. REFER TO ARCHITECTURAL FOR EXACT LIMITS OF WORK.
2. ANY WIRING DEVICE AND ASSOCIATED COVER PLATE IN WALLS THAT ARE WITHIN THE AREA OF RENOVATION AND ARE TO REMAIN (SHOWN HALF-TONED), SHALL BE REPLACED WITH A NEW WIRING DEVICE AND COVER PLATE TO MATCH NEW INSTALLATIONS. INTENT IS TO REPLACE EXISTING BRANCH CIRCUITS ASSOCIATED WITH PANELS BEING REPLACED IN THEIR ENTIRETY (EXCEPT FOR LIGHTING CIRCUITS – MAY BE REUSED IF POSSIBLE). REWORK OR REPLACE EXISTING CONDUITS AS REQUIRED. INSTALL ADDITIONAL CONDUITS AS NECESSARY. EXISTING CIRCUITS MAY INCLUDE SHARED NEUTRALS, WHICH ARE NOT PERMITTED. REPLACEMENT CIRCUITS AND NEW CIRCUITS SHALL NOT UTILIZE SHARED NEUTRALS.
3. REMOVE ALL ABANDONED OR UNUSED CONDUIT/WIRING ABOVE CEILING AREA.
4. EXISTING CONDITIONS ARE BASED ON INFORMATION PROVIDED BY SITE SURVEY AND PREVIOUS RECORD DRAWINGS. HOWEVER, IT IS NOT INTENDED TO BE AN EXACT REPRESENTATION OF ACTUAL CONDITIONS. CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BIDDING TO ASCERTAIN EXISTING CONDITIONS AND SHALL NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES PRIOR TO START OF WORK. ALL DEVICES MAY NOT BE SHOWN.
5. REFER TO NEW POWER SHEETS FOR ADDITIONAL INFORMATION.
6. EXISTING DEVICE MOUNTING HEIGHTS ARE TO BE ASSUMED AT 18" UNLESS NOTED OTHERWISE.

AREA IN CONTRACT.

C149

REMOVE PANEL B (SEE NOTE 2)

REMOVE PANEL BA (SEE NOTE 2)

111T

111F

111M

129

127

125

EXISTING PANEL LV100 TO REMAIN

111E

111Q

VERIFY EXISTING POWER THIS ROOM

TYPICAL EXISTING DEVICE TO REMAIN ACTIVE, REFER TO GENERAL NOTE 2.

1. CONTRACTOR TO INVESTIGATE SOURCE, DESTINATION, AND FUNCTION OF EXISTING CONDUITS THAT REMAIN IN THE SPACE AT THIS LOCATION FROM FINISHED FLOOR THRU STRUCTURE ABOVE. CONDUIT WILL NEED TO BE DEMOLISHED AND DEPENDING ON FUNCTION, MAY NEED TO BE REROUTED TO NEW WALL, ETC.

C111P

111L

ELEV-1

111A

111B

111C

111D

109

1. CONTRACTOR TO INVESTIGATE SOURCE, DESTINATION, AND FUNCTION OF EXISTING CONDUITS THAT REMAIN IN THE SPACE AT THIS LOCATION FROM FINISHED FLOOR THRU STRUCTURE ABOVE. CONDUIT WILL NEED TO BE DEMOLISHED AND DEPENDING ON FUNCTION, MAY NEED TO BE REROUTED TO NEW WALL, ETC.

EXISTING MAIN SWITCHBOARD MS IS APPROXIMATELY AT COLUMN LINE H5, JUST OFF THE PAGE IN MAIN ELECTRICAL ROOM 110.

1 DEMOLITION PLAN - LEVEL 1 - POWER

SCALE: 3/16"=1'-0"

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ED201

DEMOLITION PLAN - LEVEL 1 - POWER

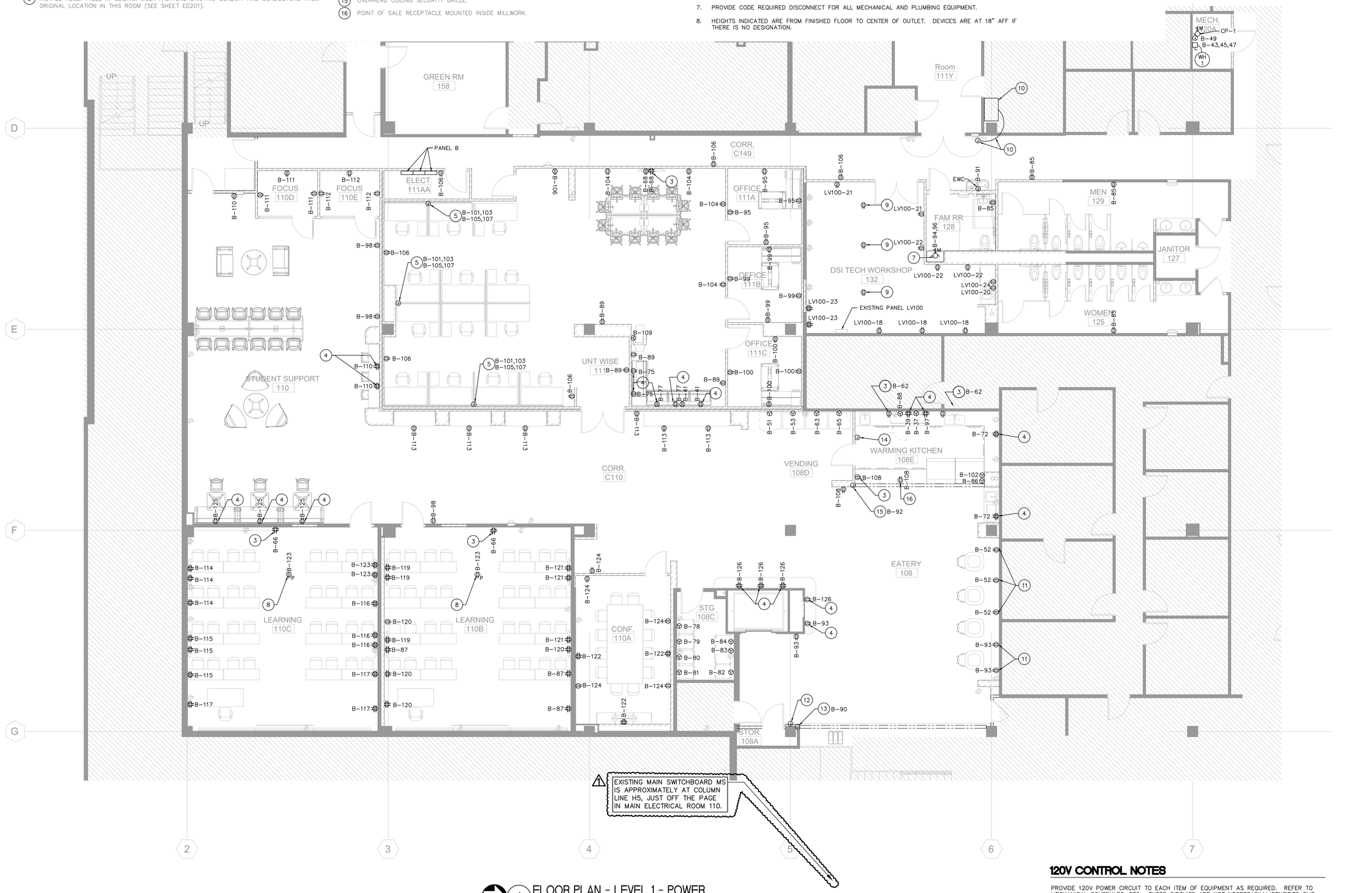
Treanor NO. HE0569.2401.00

NOTES BY SYMBOL

1. NOT USED.
2. NOT USED.
3. TV/FLAT PANEL DISPLAY RECEPTACLE IN A/V BACK BOX. COORDINATE WITH A/V.
4. RECEPTACLE MOUNTED AT COUNTER TOP HEIGHT. COORDINATE WITH ARCHITECT.
5. POWERED FURNITURE FEED. (2+2, 8-WIRE STANDARD WHIP IS BASIS OF DESIGN)
6. 3KW TANKLESS WATER HEATER.
7. RESTROOM MOTORIZED LIFT (208V, 1-PHASE).
8. PROJECTOR RECEPTACLE IN A/V CEILING BOX. COORDINATE LOCATION WITH A/V.
9. INSTALL RECEPTACLE IN CEILING. MODIFY/EXTEND EXISTING CONDUIT AND CONDUCTORS FROM ORIGINAL LOCATION IN THIS ROOM (SEE SHEET ED201).
10. INSTALL EMERGENCY GENERATOR POWER FOR RELOCATED DATA RACK. MODIFY/EXTEND EXISTING CONDUIT AND CONDUCTORS FROM ORIGINAL LOCATION (SEE SHEET ED201). UNT DATA SERVICES WILL RELOCATE DATA RACK WHEN GENERATOR POWER IS READY. CONNECT GENERATOR CIRCUIT CONDUCTORS IN SAME FASHION AS ORIGINAL CONNECTION. COORDINATE AND PHASE ALL STEPS OF OF THIS RELOCATION WITH ARCHITECT, OWNER, AND UNT DATA SERVICES PRIOR TO ANY WORK.
11. MOUNT RECEPTACLES HORIZONTALLY ABOVE BACK CUSHION OF SEATING, APPROXIMATELY 42". COORDINATE WITH ARCHITECT AND "UNT GATHR"
12. OVERHEAD ROLLING FIRE GRILLE CONTROL LOCATION (J-BOX AND CONDUIT TO ABOVE CEILING).
13. OVERHEAD ROLLING FIRE GRILLE.
14. OVERHEAD COILING SECURITY GRILLE CONTROL LOCATION (J-BOX AND CONDUIT TO ABOVE CEILING).
15. OVERHEAD COILING SECURITY GRILLE.
16. POINT OF SALE RECEPTACLE MOUNTED INSIDE MILLWORK.

GENERAL NOTES

1. REFER TO DATA, SECURITY, AUDIO/VISUAL, MECHANICAL, PLUMBING, FIRE, AND ARCHITECTURAL SERIES DRAWINGS AND SPECIFICATIONS FOR EQUIPMENT INFORMATION AND ADDITIONAL ELECTRICAL WORK.
2. ALL CONDUITS SHALL BE CONCEALED IN WALLS OR ABOVE CEILING. DO NOT INSTALL SURFACE MOUNTED CONDUIT EXCEPT IN ELECTRICAL ROOM AND IN ROOF STRUCTURE AREA OF ROOMS WITHOUT CEILINGS. NO CURVED PORTION OF CONDUIT SHALL EXIT WALLS. IN ROOMS WITH NO CEILINGS, CONDUITS SHALL EXIT WALLS TIGHT TO ROOF STRUCTURE.
3. VERIFY ALL POWER AND J-BOX LOCATIONS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
4. ALL FURNITURE SHALL BE FED FROM WALL. POWER POLES ARE NOT ACCEPTABLE.
5. ALL RECEPTACLES IN RESTROOMS, ON COUNTERS EQUIPPED WITH SINKS, AND ANY RECEPTACLE WITHIN 6'-0" OF A SINK (AND ANY OTHER AREAS REQUIRED BY THE NEC) SHALL BE GFI.
6. VERIFY FINISH OF DEVICES WITH ARCHITECT AND INTERIOR DESIGNER PRIOR TO SUBMITTING.
7. PROVIDE CODE REQUIRED DISCONNECT FOR ALL MECHANICAL AND PLUMBING EQUIPMENT.
8. HEIGHTS INDICATED ARE FROM FINISHED FLOOR TO CENTER OF OUTLET. DEVICES ARE AT 18" AFF IF THERE IS NO DESIGNATION.
9. REPLACE WIRING DEVICES AND COVER PLATES FOR ALL EXISTING WIRING DEVICES TO REMAIN IN THE RENOVATION AREA. ALL COVER PLATES SHALL BE LABELED WITH ASSOCIATED CIRCUIT NUMBER.
10. ANY WIRING DEVICE AND ASSOCIATED COVER PLATE IN WALLS THAT ARE WITHIN THE AREA OF RENOVATION AND ARE TO REMAIN (SHOWN HALF-TONED), SHALL BE REPLACED WITH A NEW WIRING DEVICE AND COVER PLATE TO MATCH NEW INSTALLATIONS. INTENT IS TO REPLACE EXISTING BRANCH CIRCUITS ASSOCIATED WITH PANELS BEING REPLACED IN THEIR ENTIRETY (EXCEPT FOR LIGHTING CIRCUITS - MAY BE REUSED IF POSSIBLE). REWORK OR REPLACE EXISTING CONDUITS AS REQUIRED. INSTALL ADDITIONAL CONDUITS AS NECESSARY. EXISTING CIRCUITS MAY INCLUDE SHARED NEUTRALS, WHICH ARE NOT PERMITTED. REPLACEMENT CIRCUITS AND NEW CIRCUITS SHALL NOT UTILIZE SHARED NEUTRALS.
11. BRING UP TO CODE ALL EXISTING ELECTRICAL ITEMS THAT ARE TO REMAIN (INSTALL PUSH-PENNIES IN J-BOX OPENINGS, ETC.) ⚠1



N 1 FLOOR PLAN - LEVEL 1 - POWER

SCALE: 3/16"=1'-0"

120V CONTROL NOTES

PROVIDE 120V POWER CIRCUIT TO EACH ITEM OF EQUIPMENT AS REQUIRED. REFER TO MECHANICAL SCHEDULES, ETC. THESE CIRCUITS ARE NOT NECESSARILY IDENTIFIED BUT SHALL BE PROVIDED AS NECESSARY TO PROVIDE COMPLETE OPERATIONAL SYSTEM. TYPICAL EQUIPMENT INCLUDES HVAC CONTROL PANELS, FIRE DAMPERS, SMOKE DAMPERS, DUCT DETECTORS, FIRE ALARM CONTROL PANELS, LIGHTING CONTROLS, ETC. MAXIMUM OF (2) CONTROL CIRCUITS PER 120V, 20 AMP CIRCUIT. IDENTIFY CIRCUITS USED ON RECORD DRAWINGS.

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FLOOR PLAN - LEVEL 1 - POWER

Treanor NO. HE0569.2401.00

PANEL B (EXISTING)

V (L-L) 208 | PHASE 3 | BUS 200 A | SECTION 1 OF 1
V (L-N) 120 | WIRE 4 | MLO | SURFACE MOUNTED | 22,000 A.I.C

DESCRIPTION	LOAD (KVA)	BKR POLES	BKR AMPS	CKT #	CKT #	BKR POLES	BKR AMPS	LOAD (KVA)	DESCRIPTION
111G PLUGS		1	20	1	2	1	20		111I LIGHTS
111G AND 111H PLUGS		1	20	3	4	1	20		111J LIGHTS
111H PLUGS		1	20	5	6	1	20		111L LIGHTS
112 PLUGMOLD		1	20	7	8	1	20		112 PLUGMOLD
112 PLUGMOLD		1	20	9	10	1	20		112 PLUGMOLD
112 PLUGMOLD		1	20	11	12	1	20		112 PLUGS
112F PLUGS		1	20	13	14	1	20		112 GFCI PLUG
112D PLUGS		1	20	15	16	1	20		REFRIGERATOR
112B PLUGS		1	20	17	18	1	20		111Q, 112A, 112C PLUGS
111Q PLUGS		1	20	19	20	1	20		FRONT COMPUTERS
111Q PLUGS		1	20	21	22	1	20		112E PLUGS
112G PLUGS		1	20	23	24	1	20		111N PLUGS
112H PLUGS		1	20	25	26	1	20		112 QUADS
112 QUADS		1	20	27	28	1	20		CARRELS PLUGS
CARRELS PLUGS		1	20	29	30	1	20		112C DED. PLUG
CARRELS PLUGS		1	20	31	32	1	20		111 LIGHTS
112 NIGHT LIGHTS		1	20	33	34	1	20		111 LIGHTS
112 COPIER PLUG		1	20	35	36	1	20		111 LIGHTS
PANEL BA		3	100	37	38	1	20		111 LIGHTS
				39	40	1	20		111 LIGHTS
				41	42	1	20		111 LIGHTS

	CONN. LOAD (KVA)	N.E.C. MULT. (KVA)
LIGHTING		
MOTOR		
HEATING		
KITCHEN		
RECEPTACLE		
MISCELLANEOUS		
SPARE		
TOTAL		

_____ CONN. LOAD (AMPS)
_____ N.E.C. MULT. (AMPS)
#DIV/0! PERCENT SPARE
1.00 KITCHEN MULTIPLIER
1.00 MISC. MULTIPLIER

PANEL BA (EXISTING)

V (L-L) 208 | PHASE 3 | BUS 100 A | SECTION 1 OF 1
V (L-N) 120 | WIRE 4 | MLO | SURFACE MOUNTED | 22,000 A.I.C

DESCRIPTION	LOAD (KVA)	BKR POLES	BKR AMPS	CKT #	CKT #	BKR POLES	BKR AMPS	LOAD (KVA)	DESCRIPTION
IWH-1		2	30	1	2	1	20		111I LTS
		-	-	3	4	1	20		111J LTS
IWH-2		2	30	5	6	1	20		111L LTS
		-	-	7	8	1	20		111 LTS
SPARE		1	20	9	10	1	20		SPARE
SPARE		1	20	11	12	1	20		111E PLUGS
GEN. BATT. CHARGER		2	20	13	14	1	20		111D PLUGS
		-	-	15	16	1	20		111D PLUGS
GEN. JACKET HEATER		1	20	17	18	1	20		111D PLUGS
GENERATOR PLUGS		1	20	19	20	1	20		111D PLUGS
SPACE		1		21	22	1	20		111D PLUGS
SPACE		1		23	24	1			SPACE
111F PLUG		1	30	25	26	1	20		111D PLUGS
111E PLUGS		1	20	27	28	1	20		111D PLUGS
111E PLUGS		1	20	29	30	1			SPACE
111E PLUGS		1	20	31	32	1	20		111K PLUGS
SPACE		1		33	34	1	20		111K PLUGS
SPACE		1		35	36	1			SPACE
SPACE		1		37	38	1			SPACE
SPACE		1		39	40	1			SPACE
SPACE		1		41	42	1			SPACE

	CONN. LOAD (KVA)	N.E.C. MULT. (KVA)
LIGHTING		
MOTOR		
HEATING		
KITCHEN		
RECEPTACLE		
MISCELLANEOUS		
SPARE		
TOTAL		

_____ CONN. LOAD (AMPS)
_____ N.E.C. MULT. (AMPS)
#DIV/0! PERCENT SPARE
1.00 KITCHEN MULTIPLIER
1.00 MISC. MULTIPLIER

EXTEND ALL ACTIVE BRANCH CIRCUITS FROM THESE TWO PANELS TO NEW ELECTRICAL ROOM AND REPLACE THESE PANELBOARDS WITH SINGLE 3–SECTION 200A MCB PANELBOARD. EXTEND EXISTING 200A FEEDER (SOURCE IS FROM EXISTING DISTRIBUTION PANEL DP1 IN ELECTRICAL ROOM 110).

PANEL LV100 (EXISTING)

V (L-L) 208 | PHASE 3 | BUS #N/A A | SECTION 1 OF 1
V (L-N) 120 | WIRE 4 | MLO | SURFACE MOUNTED | 22,000 A.I.C | #N/A

DESCRIPTION	LOAD (KVA)	BKR POLES	BKR AMPS	CKT #	CKT #	BKR POLES	BKR AMPS	LOAD (KVA)	DESCRIPTION
RECEPTACLES		1	20	1	2	1	20		RECEPTACLES
RECEPTACLES		1	20	3	4	1	20		RECEPTACLES
RECEPTACLES		1	20	5	6	1	20		RECEPTACLES
RECEPTACLES		1	20	7	8	1	20		RECEPTACLES
RECEPTACLES		1	20	9	10	1	20		RECEPTACLES
RECEPTACLES		1	20	11	12	1	20		RECEPTACLES
RECEPTACLES		1	20	13	14	1	20		RECEPTACLES
CENTER DESK		1	20	15	16	1	20		RECEPTACLES
FAIRALL DESK		1	20	17	18	1	20		SPARE
MORAN DESK		1	20	19	20	1	20		SPARE
SPARE		1	20	21	22	1	20		SPARE
SPARE		1	20	23	24	1	20		SPARE
				25	26				
				27	28				
				29	30				
				31	32				
				33	34				
				35	36				
				37	38				
				39	40				
				41	42				

	CONN. LOAD (KVA)	N.E.C. MULT. (KVA)
LIGHTING		
MOTOR		
HEATING		
KITCHEN		
RECEPTACLE		
MISCELLANEOUS		
SPARE		
TOTAL		

_____ CONN. LOAD (AMPS)
_____ N.E.C. MULT. (AMPS)
#DIV/0! PERCENT SPARE
1.00 KITCHEN MULTIPLIER
1.00 MISC. MULTIPLIER

DSI TECH LAB (ROOM 111M)

MECHANICAL EQUIPMENT SCHEDULE

MARK	DESCRIPTION	KVA/AMPS	BREAKER SIZE	VOLT/PHASE	CIRCUIT
WH-1	WATER HEATER	4500 WATTS	3P-20A	208/3	B-43,45,47
CP-1	CIRCULATION PUMP	270 Watts	1P-20A	120/1	B-49

1. COORDINATE WITH MECHANICAL. VERIFY BREAKER SIZE PER EQUIPMENT SUBMITTED.
2. PROVIDE SAFETY DISCONNECT PER NEC.

PANEL B

V (L-L) 208 | PHASE 3 | BUS 400 A | SECTION 1 OF 3
V (L-N) 120 | WIRE 4 | MCB 300 A | SURFACE MOUNTED | 22,000 A.I.C

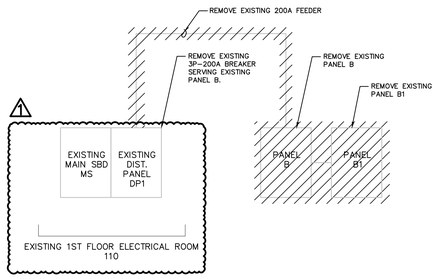
DESCRIPTION	LOAD (KVA)	BKR POLES	BKR AMPS	CKT #	CKT #	BKR POLES	BKR AMPS	LOAD (KVA)	DESCRIPTION
111G PLUGS		1	20	1	2	1	20		111I LIGHTS
111G AND 111H PLUGS		1	20	3	4	1	20		111J LIGHTS
111H PLUGS		1	20	5	6	1	20		111L LIGHTS
112 PLUGMOLD		1	20	7	8	1	20		112 PLUGMOLD
112 PLUGMOLD		1	20	9	10	1	20		112 PLUGMOLD
112 PLUGMOLD		1	20	11	12	1	20		112 PLUGS
112F PLUGS		1	20	13	14	1	20		112 GFCI PLUG
112D PLUGS		1	20	15	16	1	20		REFRIGERATOR
112B PLUGS		1	20	17	18	1	20		111Q, 112A, 112C PLUGS
111Q PLUGS		1	20	19	20	1	20		FRONT COMPUTERS
111Q PLUGS		1	20	21	22	1	20		112E PLUGS
112G PLUGS		1	20	23	24	1	20		111N PLUGS
112H PLUGS		1	20	25	26	1	20		112 QUADS
112 QUADS		1	20	27	28	1	20		CARRELS PLUGS
CARRELS PLUGS		1	20	29	30	1	20		112C DED. PLUG
CARRELS PLUGS		1	20	31	32	1	20		111 LIGHTS
112 NIGHT LIGHTS		1	20	33	34	1	20		111 LIGHTS
112 COPIER PLUG		1	20	35	36	1	20		111 LIGHTS
KITCHEN EQUIP.	1.6	1	20	37	38	1	20		111 LIGHTS
KITCHEN EQUIP.	1.6	1	20	39	40	1	20		111 LIGHTS
UNT WISE BREAK ROOM	0.5	1	20	41	42	1	20		111 LIGHTS
WATER HEATER "WH-1"	4.5	3	20	43	44	1	20		111 LTS
-		-		45	46	1	20		111 LTS
-		-		47	48	1	20		111 LTS
RECIRC. PUMP "CP-1"	0.3	1	20	49	50	1	20		111 LTS
VENDING	1.6	1	20	51	52	1	20	0.4	RECEPTACLES
VENDING	1.6	1	20	53	54	1	20		111E PLUGS
GEN. BATT. CHARGER		2	20	-	-	1	20		111D PLUGS
-		-		57	58	1	20		111D PLUGS
GEN. JACKET HEATER		1	20	59	60	1	20		111D PLUGS
GENERATOR PLUGS		1	20	61	62	1	20	1.0	KITCHEN TV
VENDING	1.6	1	20	63	64	1	20		111D PLUGS
VENDING	1.6	1	20	65	66	1	20	0.7	TV RECPTS 110A,110 B
111F PLUG		1	20	67	68	1	20	0.4	TV RECPTS 111
111E PLUGS		1	20	69	70	1	20		111D PLUGS
111E PLUGS		1	20	71	72	1	20	1.6	KITCHEN QUAD
111E PLUGS		1	20	73	74	1	20		111K PLUGS
UNT WISE BREAK ROOM	0.7	1	20	75	76	1	20		111K PLUGS
UNT WISE BREAK ROOM	0.7	1	20	77	78	1	20	1.6	LAPTOP CART CHARGER
LAPTOP CART CHARGER	1.6	1	20	79	80	1	20	1.6	LAPTOP CART CHARGER
LAPTOP CART CHARGER	1.6	1	20	81	82	1	20	1.6	LAPTOP CART CHARGER
LAPTOP CART CHARGER	1.6	1	20	83	84	1	20	1.6	LAPTOP CART CHARGER
RECEPTACLES	0.9	1	20	85	86	1	20	1.1	KITCHEN EQUIP
RECEPTACLES	1.1	1	20	87	88	1	20	1.0	KITCHEN EQUIP
RECEPTACLES	0.7	1	20	89	90	1	20	1.0	FIRE GRILLE
WATER COOL GFI-BREAKER	0.5	1	20	91	92	1	20	1.0	SECURITY GRILLE
RECEPTACLES	1.3	1	20	93	94	2	40	4.0	MOTORIZED LIFT
RECEPTACLES	0.7	1	20	95	96	-	-		
KITCHEN EQUIP.	0.7	1	20	97	98	1	20		RECEPTACLES
RECEPTACLES	0.7	1	20	99	100	1	20	0.7	RECEPTACLES
MOD. FURNITURE	1.9	2	20	101	102	1	20	0.7	KITCHEN EQUIP.
-		-	20	103	104	1	20	0.9	RECEPTACLES
MOD. FURNITURE	1.9	2	20	105	106	1	20	1.1	RECEPTACLES
-		-	20	107	108	1	20	1.3	RECEPTACLES & POS
COPY EQUIPMENT	1.5	1	20	109	110	1	20	0.7	RECEPTACLES
RECEPTACLES	0.7	1	20	111	112	1	20	0.7	RECEPTACLES
RECEPTACLES	0.7	1	20	113	114	1	20	1.1	RECEPTACLES
RECEPTACLES	1.1	1	20	115	116	1	20	1.1	RECEPTACLES
RECEPTACLES	1.1	1	20	117	118	1	20	1.1	SPARE
RECEPTACLES	1.1	1	20	119	120	1	20	1.3	RECEPTACLES
RECEPTACLES	1.1	1	20	121	122	1	20	1.1	RECEPTACLES
RECEPTACLES	1.1	1	20	123	124	1	20	1.1	RECEPTACLES
RECEPTACLES	0.7	1	20	125	126	1	20	1.3	RECEPTACLES

	CONN. LOAD (KVA)	N.E.C. MULT. (KVA)
LIGHTING		
MOTOR	4	5
HEATING	5	6
KITCHEN		
RECEPTACLE	49	29
MISCELLANEOUS	15	15
SPARE		
TOTAL	73	55

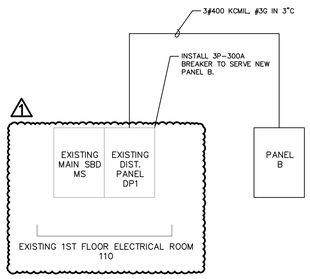
HALF TONE DESCRIPTION TEXT INDICATES EXISTING CIRCUIT CONDUCTORS EXTENDED TO THIS PANEL.
SECTION 1 RESERVED FOR EX. PANEL B RELOCATIONS. SECTION 2 RESERVED FOR EX. PANEL BA RELOCATIONS. SECTION 3 RESERVED FOR NEW CIRCUITS OF RENOVATION.

201 CONN. LOAD (AMPS)
153 N.E.C. MULT. (AMPS)
_____ PERCENT SPARE
1.00 KITCHEN MULTIPLIER
1.00 MISC. MULTIPLIER

ELECTRICAL (ROOM 111T)



1 SCHEMATIC DIAGRAM - DEMOLITION
NOT TO SCALE



2 SCHEMATIC DIAGRAM
NOT TO SCALE

Preston L'Ecuyer
STATE OF TEXAS
PRESTON L'ECUYER
124961
LICENSED
PROFESSIONAL ENGINEER
02-27-2025

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NO	DESCRIPTION	DATE
1	ADDENDUM 1	02/27/25

E501

ELECTRICAL SCHEDULES AND ONE-LINES

Treanor NO. HE0569.2401.00

LEGEND

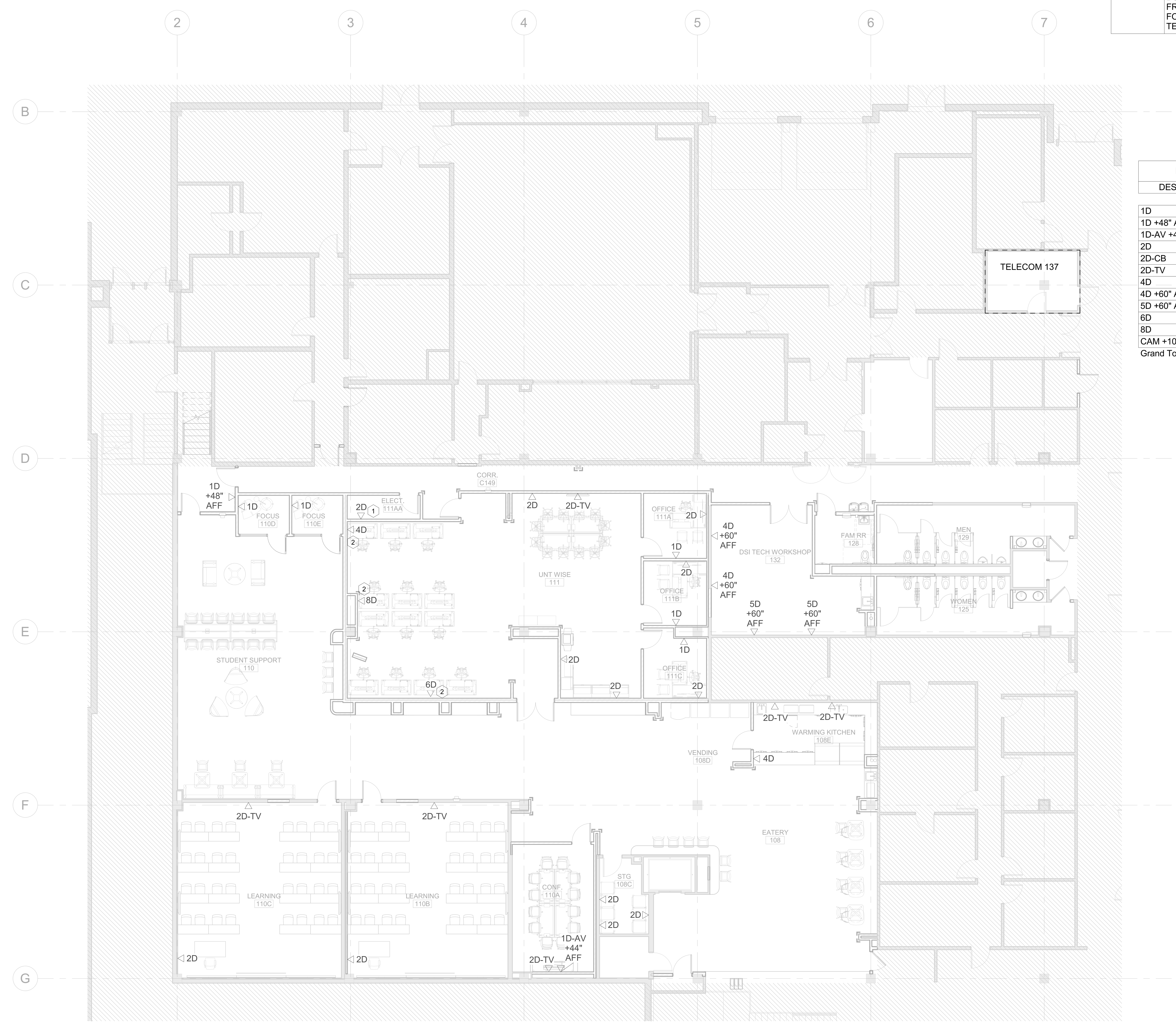
NOT IN SCOPE

GENERAL NOTES

1. DATA ROUTED VIA EXISTING CABLE TRAY OR J-HOOK TO NEAREST TELECOMMUNICATIONS CLOSET. PROVIDE ADDITIONAL PATCH PANELS AT RACK AS NEEDED.
2. REMOVE ALL INACTIVE CATEGORY CABLING ABOVE CEILING, ALONG WITH ASSOCIATED DATA JACKS, TRACING THEM BACK TO THE PATCH PANEL AND ENSURING PROPER DISCONNECTION AND DISPOSAL.

Keynote Legend	
Key Value	Keynote Text
1	COORDINATE TERMINATION LOCATION WITH ELECTRICAL CONTRACTOR.
2	PROVIDE 1.5" CONDUIT TO DOUBLE GANG BOX 18" AFF, WITH 1.5" FLEXIBLE CONDUIT FROM BOX COVER TO FURNITURE PANEL FOR ROUTING OF DATA CABLESTO TERMINATE AT WORKSTATIONS.

DATA DEVICE SCHEDULE - LEVEL 1		
DESCRIPTION	QUANTITY	DATA COUNT
1D	5	5
1D +48" AFF	1	1
1D-AV +44" AFF	1	1
2D	12	24
2D-CB	2	4
2D-TV	6	12
4D	2	8
4D +60" AFF	2	8
5D +60" AFF	2	10
6D	1	6
8D	1	8
CAM +102" AFF	4	4
Grand Total:		91



TELECOM PLAN - LEVEL 1

1/8" = 1'-0"

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1	ADDENDUM 01	2/27/2025

T101

TELECOM PLAN - LEVEL 1

Treanor NO. HE0569.2401.00

LEGEND

NOT IN SCOPE

GENERAL NOTES

1. DATA ROUTED VIA EXISTING CABLE TRAY OR J-HOOK TO NEAREST TELECOMMUNICATIONS CLOSET. PROVIDE ADDITIONAL PATCH PANELS AT RACK AS NEEDED.
2. REMOVE ALL INACTIVE CATEGORY CABLING ABOVE CEILING, ALONG WITH ASSOCIATED DATA JACKS, TRACING THEM BACK TO THE PATCH PANEL AND ENSURING PROPER DISCONNECTION AND DISPOSAL.
3. ENSURE PROPER SUPPORT FOR EXISTING CATEGORY CABLING ABOVE THE CEILING BY INSTALLING J-HOOK SUPPORTS WHERE FEASIBLE.

DATA DEVICE SCHEDULE - RCP

DESCRIPTION	QUANTITY	DATA COUNT
1D	5	5
1D +48" AFF	1	1
1D-AV	5	5
1D-AV +96" AFF	2	2
CAM	4	4
CAM +102" AFF	4	4
WAP	8	8
Grand Total:		29

TELECOM RCP - LEVEL 1

1/8" = 1'-0"

1

Note:

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1	ADDENDUM 01	2/27/2025

T151

TELECOM RCP - LEVEL 1

Treanor NO. HE0569.2401.00

SECTION 01 1000

TABLE OF CONTENTS

VOLUME 1

SECTION 01 1000

TABLE OF CONTENTS

VOLUME 1

SECTION 01 1000

TABLE OF CONTENTS

VOLUME 2

SECTION 08 1213
HOLLOW METAL FRAMES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Non-fire-rated hollow metal frames for non-hollow metal doors.

B. Fire-rated hollow metal frames for non-hollow metal doors.

1.02 RELATED REQUIREMENTS

A. Section 08 7100 - Door Hardware: Hardware, silencers, and weatherstripping.

1.03 REFERENCE STANDARDS

A. AAMA/WDMA/CSA 101/I.S.2/A440 - North American Fenestration Standard/Specification for Windows, Doors, and Skylights; 2022.

B. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.

C. ANSI/SDI A250.8 - Specifications for Standard Steel Doors and Frames (SDI-100); 2023.

D. ANSI/SDI A250.10 - Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames; 2020.

E. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.

F. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable; 2023, with Editorial Revision.

G. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2023.

H. BHMA A156.115 - Hardware Preparation in Steel Doors and Frames; 2016.

I. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

J. ITS (DIR) - Directory of Listed Products; Current Edition.

K. NAAMM HMMA 830 - Hardware Selection for Hollow Metal Doors and Frames; 2002.

L. NAAMM HMMA 831 - Hardware Locations for Hollow Metal Doors and Frames; 2011.

M. NAAMM HMMA 840 - Guide Specifications For Receipt, Storage and Installation of Hollow Metal Doors and Frames; 2017.

N. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2022.

O. UL (DIR) - Online Certifications Directory; Current Edition.

P. UL 10C - Standard for Positive Pressure Fire Tests of Door Assemblies; Current Edition, Including All Revisions.

1.04 SUBMITTALS

A. See Section 01 3300 - Submittal Procedures.

B. Product Data: Materials and details of design and construction, hardware locations, reinforcement type and locations, anchorage and fastening methods, and finishes; and one copy of referenced grade standard.

C. Shop Drawings: Details of each opening, showing elevations, glazing, frame profiles, and identifying location of different finishes, if any.

D. Manufacturer's qualification statement.

E. Installer's qualification statement.

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Provide hollow metal frames from SDI Certified manufacturer: https://steeldoor.org/sdi-certified/#sle.

B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Store in accordance with applicable requirements and in compliance with standards and/or custom guidelines as indicated.

PART 2 PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

A. Hollow Metal Frames: AAMA/WDMA/CSA 101/I.S.2/A440 requirements for specific frame type:
   1. Performance Class (PC): AW.

B. Refer to Door and Frame Schedule on drawings for frame sizes, fire ratings, sound ratings, finishing, door hardware to be installed, and other variations, if any.

C. Door Frame Type: Provide hollow metal door frames with integral casings.
   1. Interior Doors: Use frames with integral casings.

D. Steel Sheet: Comply with one or more of the following requirements; galvannealed steel complying with ASTM A653/A653M, cold-rolled steel complying with ASTM A1008/A1008M, or hot-rolled pickled and oiled (HRPO) steel complying with ASTM A1011/A1011M, commercial steel (CS) Type B, for each.

E. Accessibility: Comply with ICC A117.1 and ADA Standards.

F. Glazed Lights: Non-removable stops on non-secure side; sizes and configurations as indicated on drawings. Style: Manufacturers standard.

G. Combined Requirements: If a particular door and frame unit is indicated to comply with more than one type of requirement, comply with the specified requirements for each type; for instance, an exterior frame that is also indicated as being sound-rated must comply with the requirements specified for exterior frames and for sound-rated frames; where two requirements conflict, comply with the most stringent.

H. Hardware Preparations, Selections and Locations: Comply with BHMA A156.115, NAAMM HMMA 830, NAAMM HMMA 831 or ANSI/SDI A250.8 (SDI-100) in accordance with specified requirements.

~~Frames Wider than 48 Inches: Reinforce with steel channel fitted tightly into head of frame, and flush with top.~~

2.02 HOLLOW METAL DOOR FRAMES WITH INTEGRAL CASINGS

A. Interior Door Frames, Non-Fire Rated: Full profile/continuously welded type.

B. Fire-Rated Door Frames: Full profile/continuously welded type.
   1. Fire Rating: As indicated on Door and Frame Schedule, tested in accordance with UL 10C or NFPA 252 ("positive pressure fire tests").
   2. Provide units listed and labeled by ITS (DIR) or UL (DIR).
      a. Attach fire rating label to each fire rated unit.
   3. Frame Finish: Factory primed and field finished.

2.03 FINISHES

A. Primer: Rust-inhibiting, complying with ANSI/SDI A250.10, door manufacturer's standard.

2.04 ACCESSORIES

A. Silencers: Resilient rubber, fitted into drilled hole; provide three on strike side of single door, three on center mullion of pairs, and two on head of pairs without center mullions.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting work.

B. Verify that opening sizes and tolerances are acceptable.

C. Verify that finished walls are in plane to ensure proper door alignment.

3.02 INSTALLATION

A. Install frames in accordance with manufacturer's instructions and related requirements of specified frame standards or custom guidelines indicated.

B. Install fire rated units in accordance with NFPA 80.

C. Coordinate frame anchor placement with wall construction.

D. Install door hardware as specified in Section 08 7100.

END OF SECTION

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