MIDLANDS TECHNICAL COLLEGE

SALUDA HALL
VPBA RENOVATION AIRPORT CAMPUS

SC STATE PROJECT # H59-6347-TM

1260 LEXINGTON DRIVE, WEST
COLUMBIA, S.C. 29170

SITE LOCATION

N

A1 MIDLANDS TECHNICAL COLLEGE

NORTHEAST CAMPUS

NOT TO SCALE

ARCHITECT			
Compass 5 Partners, LLC	1329 State Street Cayce, South Carolina 29033	803-765-0838 p compass5partners.com	

SHEET No.	DESCRIPTION
G000	COVER SHEET AND INDEX
G001	GENERAL PROJECT INFORMATION, CODE SHEET AND SYMBOLS
G002	GENERAL NOTES AND TYPICAL PARTITIONS
AD100	FIRE & LIFE SAFETY AND DEMOLITION PLANS
A101	RENOVATION PLAN AND RENOVATION R.C.P
A220	TYPICAL CLEARANCES, ACCESSORIES AND NOTES
A221	INTERIOR ELEVATIONS
A500	TYPICAL SEISMIC DETAILS AND CEILING DETAILS (FOR REFERENCE)
A501	THROUGH PENETRATION FIRE STOP SCHEDULE
A601	DOOR AND FINISH SCHEDULES, MATERIAL LEGEND
A701	FINISH PLAN, DETAILS AND SCHEDULES
A702	EQUIPMENT PLAN (FOR REFERENCE ONLY)

MECHANICAL			
Swygert & Associates	1315 State Street Cayce, South Carolina 29033	803-791-9300 office	

SHEET No.	DESCRIPTION
M101	FLOOR PLANS

ELECTRICAL			
Belka Engineeing	7 Clusters Court # 201 Columbia, South Carolina 29210	803-731-0650 office	

SHEET No.	DESCRIPTION
E001	ELECTRICAL NOTES & LEGENDS
E002	ELECTRICAL DIAGRAMS AND DETAILS
E201	LIGHTING PLANS
E301	POWER & SYSTEMS PLANS

MIDLANDS TECHNICAL COLLEGE

VPBA Renovation
Airport Campus
PROJ #: H59-6347-TM

1260 LEXINGTON DRIVE, WEST
COLUMBIA, S.C. 29170

COMPASS 5 PARTNERS
A LaBella Company
1329 State Street Cayce, SC 29033
P. 803 765 0838

STATE OF SOUTH CAROLINA
COMPASS 5 PARTNERS, LLC
Columbia, SC
C-100254
REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA
MARY ELIZABETH CANNIZZARO
07-16-2026
Columbia, SC
6796
REGISTERED ARCHITECT

CONSULTANT & SEALS

MTC SALUDA HALL
VBPA RENOVATION AIRPORT CAMPUS
CONSTRUCTION DOCUMENTS - OSE REVIEW

Internal Project Number: TBD

No.	Revision/Issue	Date

COVER SHEET
AND INDEX

Date: 07.18.25
Drawn: JB
Checked: MEC

G000

DESIGN/CONSTRUCTION CODES AND STANDARDS

PROJECT DESIGNED IN ACCORDANCE WITH:

1. International Building Code (IBC), 2021 Edition with SCBC modifications
2. International Existing Building Code (IEBC), 2021 Edition
3. International Fire Code (IFC), 2021 Edition with SCBC modifications
4. International Energy Conservation Code (IECC), 2009 Edition
5. International Fuel Gas Code (IFGC), 2021 Edition with SCBC modifications
6. International Mechanical Code (IMC), 2021 Edition with SCBC modifications
7. International Plumbing Code (IPC), 2021 Edition with SCBC modifications, and the following insertions:
   a. Section 305.4.1, insert "18" and insert "18"
   b. Section 903.1.1, insert "8"
8. National Electrical Code (NEC) [NFPA-70], 2020 Edition with SCBC modifications
9. National Electrical Safety Code (NESC), IEEE-C2-2017 Edition
10. Accessible and Useable Buildings and Facilities, ICC A117.1 (latest edition). Note, this is the standard adopted by the South Carolina Accessibility Act, but this requirement does not relieve the Agency or the design professional from the Federal Statutory requirements that design, and construction comply with the Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities.

See - http://www.access board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/ada-standards.

11. State Fire Marshal rules, regulations, and policies. See http://statefire.llr.sc.gov/osfm/index.aspx.
12. State of SC Telephone Equipment Room and Communications/Data Systems Policies as formulated by the Office of Technology and Information Services (OTIS).
13. National Board Inspection Code (NBIC), latest edition adopted by SCLLR

GENERAL PROJECT SCOPE DESCRIPTION

THE VPBA RENOVATION IS LOCATED ON THE FIRST FLOOR OF SALUDA HALL ON THE MIDLANDS TECHNICAL COLLEGE NORTHEAST CAMPUS. THE TOTAL AREA OF WORK IS APPROXIMATELY 2,000 SF AND INCLUDES RENOVATING OF AN EXISTING OFFICE SUITE AND CONFERENCE ROOM. THE SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TOO, MINOR DEMOLITION, FINAL REMOVAL OF FINISHES AFTER ABATEMENT DEMOLITION AND NEW WALLS, FINISHES, CEILINGS, AND ASSOCIATED MECHANICAL AND ELECTRICAL.

THE CODE COMPLIANCE INFORMATION IS BASED ON INFORMATION AND DRAWINGS PROVIDED BY THE OWNER, MIDLANDS TECHNICAL COLLEGE, AND ARE AVAILABLE FOR REVIEW AT FACILITIES.

EROSION AND SEDIMENT REDUCTION/STORMWATER MANAGEMENT

N/A

Designer's Certification:
"I hereby certify that the measures in this plan are designed to control erosion, retain sediment on the site, and manage stormwater in a manner that neither any on-site nor off-site damage or problem is caused or increased, that all structural measures are designed to the minimum standards for health and safety, and that all the provisions of the plan are in compliance with the Regulations contained in Chapter 72, Article 2, SC Code of Regulations (Erosion and Sediment Reduction and Stormwater Management Regulations)."

Signed: ______________________ ____________
Engineer or Registered Landscape Architect (Circle one) Date

TABLE 1 FLOOD HAZARD INFORMATION & FLOOD LOADS

FLOOD HAZARD AREA

Flood Map Information: Flood Zone: X *(A Floodplain Permit is required for A and V Zones)*

Community Number: 470172 Panel Number: 0251

Is the Project Site in a 100-Year Floodplain? Yes ☐ No ☒

Base Flood Elevation (NGVD or FIRM) N/A MSL

Design Flood Elevation (IBC 1612.3 and ASCE 24) N/A MSL

NON HIGH-VELOCITY WAVE ACTION

Elevation of Lowest Proposed Floor (ASCE 24, Chapter 2) EXIST MSL (EXISTING)

Dry floodproofing (ASCE 24) Yes ☐ No ☐

HIGH-VELOCITY WAVE ACTION

Elevation of bottom of Lowest Horizontal Structural Member of lowest floor EXIST MSL

Flotation resistant (ASCE 24) Yes ☐ No ☒

Breakaway wall (ASCE 24) Yes ☐ No ☒

IBC 1612 and SE-510, as applicable

TABLE 2 SOILS & SITE

N/A

SOILS INVESTIGATION (If required - IBC 1803.2) Yes ☐ No ☒

SOILS CLASSIFICATION

Site Class (IBC 1613.2.2) ________

Classes Soil of Materials (UCS System) (IBC 1803.5.1) ________

Allowable Footing Bearing Pressure ________ psf

MINIMUM DESIGN SOIL BEARING LOAD (IBC Table 1806.2) ________ psf

COMPACTION

Subgrade: EXIST Percent

Base: EXIST Percent

Other: ________ Percent

MINIMUM DESIGN SOIL LATERAL LOAD (IBC 1610.1) N/A psf

FOOTINGS

Undisturbed footings Yes ☐ No ☐

Compacted Fill Material (IBC 1804.6) Yes ☐ No ☐

ELEVATIONS

Elevation of Water Table: EXIST MSL

Elevation of lowest footing: EXIST MSL

Elevation of lowest floor or basement: EXIST MSL

TABLE 3 BASIC BUILDING CODE INFORMATION

CONSTRUCTION CLASSIFICATION (IBC 602)	Type: II-B
OCCUPANCY CLASSIFICATION (indicate all) (Note IBC 504.2)	BUSINESS
MOST RESTRICTIVE OCCUPANCY CLASSIFICATION (IBC Tables 504.3, 504.4 & 506.2)	BUSINESS
Mixed Occupancy (IBC 508)	Yes ☐ No ☒
Separated (IBC 506.2.2 & 508.4)	Yes ☐ No ☒
Non separated (IBC 508.3)	Yes ☐ No ☒
Does building require Incidental Use Area Separation? (IBC 509.1)	Yes ☒ No ☐
2-Way Communication Required (IBC 1009.6.5 & 1009.8)	Yes ☐ No ☒
Fire Apparatus Access and Water Line (IFC 503 & 507)	Yes ☐ No ☒
OTHER FIRE PROTECTION SYSTEMS, DEVICES or FEATURES If the building has any special or notable fire protection or safety feature or hazard the designers should list them here, describe the performance characteristics and refer to locations in construction documents. (e.g. fire extinguishers, smoke-evacuation/control/compartments. Note IBC 414.1.3.)	

TABLE 3E CODE INFORMATION FOR ADDITIONS, ALTERATIONS, OR CHANGE OF OCCUPANCY TO AN EXISTING STRUCTURE

TYPE OF PROJECT:

☒ Alteration (Chpts. 7, 8 &9) ☐ Addition (Chpt. 11) ☐ Change of Occupancy (Chpt. 10)

METHOD OF COMPLIANCE:

(Check only one Option and all items that apply under that Option.)

☐ **Option 1: Prescriptive Compliance Method (IEBC Chapter 5)**

☒ **Option 2: Work Area Compliance Method (IEBCChaps. 6-12)**
- ☒ Alteration Level 1, minor including reroofing (IEBC Ch. 7)
- ☐ Alteration Level 2, reconfigurations of space (IEBC Ch. 8)
- ☐ Alteration Level 3, work area exceeds 50% (IEBC Ch. 9)

Aggregate area of building: 29,860 SF

Work Area (Level 1): ________ SF

Work Area (Level 2): +/- 2,070 SF

☐ **Option 3: Performance Compliance Method (Chapter 13)**

Original Building Code and Edition Applicable at time of Construction: 1977

Existing Sprinkler System?	☐ Yes	☒ No
Existing Fire Alarm System?	☐ Manual	☒ Auto
Seismic Evaluation Required?	☐ Yes	☒ No
Major Facility Project? (See §48-52-810(10)(a))	☐ Yes	☒ No
Historic Building (Chapter 12):	☐ Yes	☒ No

☐ Preservation ☐ Rehabilitation ☐ Restoration ☐ Reconstruction

Change of Occupancy: ☐ Yes ☒ No

Existing Occupancy Classification(s): BUSINESS

New Occupancy Classification(s): ________

TABLE 4 BUILDING HEIGHT & AREA - EXISTING

BUILDING HEIGHT

	AS DESIGNED		AS ALLOWED BY IBC	
	In Feet	In Stories	In Feet	In Stories
IBC TABLE 504.3	EXIST.	N/A	55'	N/A
IBC TABLE 504.4	N/A	1	N/A	3
TOTAL HEIGHT (including any Allowable Increase)	N/A	N/A	N/A	N/A

BUILDING AREA

AREA LIMIT AS ALLOWED BY IBC TABLE 506.2 (area limitation for each story) 23,000 SF

AREA INCREASES AS ALLOWED BY IBC SECTIONS 506.2 & 506.3 2,530 SF (maximum modified area for each story)

EXPLANATION OF INCREASES: EXIST - MINIMUM FRONTAGE DISTANCE GREATER THAN 30'

AREA AS ALLOWED BY IBC

Story: 1 25,530 SF (area this story)

Story: ________ SF (area this story)

TOTAL AREA OF BUILDING ALLOWED BY IBC (sum of all stories) 69,000 SF

AREA AS DESIGNED

Story: 1 EXISTING 24,360 NSF (area this story)

Story: ________ NSF (area this story)

Story: ________ NSF (area this story)

Story: ________ NSF (area this story)

Story: ________ NSF (area this story)

ACCESSORY OCCUPANCY (IBC 508.2 & Table 506.2) 786 SF

TOTAL DESIGNED AREA OF BUILDING (summary of all stories) 28,424 (EXIST) INTERIOR GSF

TABLE 5 BUILDING DESIGN OCCUPANT LOAD - EXISTING

		A	B	C	D
STORY	FUNCTION OF SPACE (1) (AREA OF WORK)	FLOOR AREA (2) (NSF or GSF)	MAX AREA ALLOWED PER OCCUPANT (3) (NSF or GSF)	OCCUPANTS ON FLOOR FOR THIS FUNCTION (4) (NSF or GSF)	DESIGN OCCUPANT LOAD (5)
1	BUSINESS	2,000 GSF	100	20	20
	ACCESSORY	67 NSF	300	.22	0
	Subtotal Design Occupant Load for This Story				20
2					
	Subtotal Design Occupant Load for This Story				
3					
	Subtotal Design Occupant Load for This Story				
4					
	Subtotal Design Occupant Load for This Story				20
TOTAL BUILDING DESIGN OCCUPANT LOAD					20 (6)

FOOTNOTES:
1. Provide the complete name of the Function of Space using the left column of Table 1004.5 of the IBC (1)
2. Design Area per each occupant of this Function on this Story in either Gross (GSF) or Net (NSF) Square Footage (2)
3. Allowed Floor Areas in SF per Occupant per right column in Table 1004.5 of the IBC (3)
4. Divide Column A (2) by Column B (3) for each function and enter result, rounded up to the nearest whole person (4)
5. Subtotal all Column C values for this floor to yield the Design Occupant Load (5)
6. Total Building Design Occupant Load -sum of all Column D value (6)

TABLE 6 GENERAL FIRE PROTECTION REQUIREMENTS

SEPARATIONS		
Fireblocking Required (IBC Section 718)	Yes ☐	No ☒
Draftstopping Required (IBC Section 718)	Yes ☐	No ☒
Smoke Control System Required (IBC Section 909)	Yes ☐	No ☒
Smoke Barriers Required (IBC Section 407 & 408)	Yes ☐	No ☒
Smoke Partitions Required (IBC Section 407)	Yes ☐	No ☒
Fire Partition Required (IBC Section 708)	Yes ☐	No ☒
Fire Barrier Required (IBC Section 707)	Yes ☐	No ☒
ALARM & DETECTION		
Fire Alarm System Required (IFC Section 907)	Yes ☒	No ☐
Emergency/Voice Alarm Communications System Required (IFC Section 907.5.2.2)	Yes ☐	No ☒
Fire Command Center Required (IFC Section 508)	Yes ☐	No ☒
SUPPRESSION		
Standpipes Required (IFC Section 905)	Yes ☐	No ☒
Sprinklers Required (IFC Section 903)	Yes ☐	No ☒
Sprinklers Provided (Existing)	Yes ☐	No ☒
Portable extinguishers required (IFC 906)	Yes ☒	No ☐
Other suppression systems required (IFC 904)	Yes ☐	No ☒
Smoke & heat vents required (IFC 910)	Yes ☐	No ☒
OTHER: ***(Indicate other provided fire and life safety features not listed above, if any)***		
Emergency Responder Radio Coverage (IFC Section 510)	Yes ☐	No ☒

TABLE 7 FIRE RESISTANCE RATING OF BUILDING ELEMENTS

BUILDING ELEMENT	RATING AS REQUIRED (in hours)	RATING AS DESIGNED (in hours)	TESTING AGENCY & DESIGN NO. (UL, FM, etc)	DESIGNERS WALL / PARTITION KEY CODE
Primary Structural Frame (IBC Table 601)	0	EXIST	N/A	
Bearing Walls: (IBC Table 601)				
Exterior (IBC Table 705.5)	0	EXIST	N/A	N/A
Interior	0	EXIST	N/A	N/A
Nonbearing Walls & Partitions (IBC Table 601, including footnote "d" & 602)				
Exterior (IBC Table 705.5)	0	EXIST	N/A	N/A
Interior	0	EXIST	N/A	REFER TO PARTITIONS
Floor Construction (IBC Table 601) (including supporting beams & joists)	1	EXIST	N/A	N/A
Roof Construction (IBC Table 601) (including supporting beams & joists)	1	EXIST	N/A	N/A
Fire Walls (IBC Section 706)	N/A	N/A	N/A	N/A
Fire Barriers (IBC Section 707)	N/A	N/A	N/A	N/A
Fire Partitions (IBC Section 708)	0	N/A	N/A	N/A
Shaft Enclosures (IBC Section 713)	N/A	N/A	N/A	N/A
Opening & Protective Listing by Category (fire shutters, doors, etc. - IBC Section 716)	N/A	N/A	N/A	N/A
Others (as required by Designer)	N/A	N/A	N/A	N/A

TABLE 8 STRUCTURAL DESIGN INFORMATION

N/A

RISK CATEGORY (IBC Table 1604.5): ________ **LIVE LOADS**

Floor Live Load(s)

Occupancy/Use: ________ F_{ll} = ____ PSF

Occupancy/Use: ________ F_{ll} = ____ PSF

Occupancy/Use: ________ F_{ll} = ____ PSF

Occupancy/Use: ________ F_{ll} = ____ PSF

Roof Live Load R_{ll} = ____ PSF

Ground Snow Load (IBC Figure 1608.2 or ASCE 7) P_g = ____ PSF

WIND LOADS

Analysis Procedure (ASCE 7 or IBC 1609.6): ASCE 7

Basic Design Wind Speed (IBC Fig's. 1609.3(1)-(4)): V = ____ MPH

Exposure Category (IBC 1609.4.3): ________

Internal Pressure Coefficient (ASCE 7): GC_{pi} = ________

External Pressure Coefficient (ASCE 7): GC_p = ________

Protection of Openings Required (IBC 1609.2): Yes ☐ No ☐

If "Yes", check one: Impact Resistant Glazing ☐ Impact Resistant Covering ☐

SEISMIC LOADS

Seismic Importance Factor (ASCE 7 Table 1.5-2): I_e = N/A

Site Class (IBC 1613.2.2): EXIST

Mapped Spectral Response Accelerations: S_s = EXIST S_1 = EXIST

Design Spectral Response Acceleration Parameters: S_{DS} = EXIST S_{D1} = EXIST

Seismic Design Category (IBC Tables 1613.2.5, 1613.2.5.1 or 1613.2.5.2): C

Basic Seismic Force Resisting System: EXIST - Masonry

N/A

Design Base Shear (ASCE 7 Chapter 12): EXIST KIPS

Seismic Response Coefficient(s) (ASCE 7): C_s = EXIST

Response Modification Factor(s) (ASCE 7): R = EXIST

Analysis Procedure: N/A

ARCHITECTURAL-MECHANICAL, ETC. LOADS

Provide as applicable: architectural items, mechanical, plumbing, etc. (ASCE 7) ____

SPECIAL LOADS

Provide as applicable: abnormal items, moving loads, impact, hoisting, etc. (ASCE 7) ____

*IBC Chapter 16 and ASCE 7 -- Information may be shown on initial Structural Sheet of the drawings or on Sheet with other code information. List floor design loads on structural plans.

TABLE 9 PLUMBING INFORMATION

WATER SYSTEM: Service Line Size: EXIST Inches

Peak Flow: EXIST GPM Total Demand: EXIST No. Fixture Units

SANITARY SEWER SYSTEM: Loading: EXIST GPD

Service Line Size: EXIST Inches Slope: 1/8 min inches/ft

MINIMUM PLUMBING FIXTURES REQUIRED BY OCCUPANCY (IPC Section 403 & Table 403.1)

All Occupancy Classification(s) (same as OSE Table 3): BUSINESS

Total Building Design Occupant Load (same as OSE Table 6): 20

1. Occupancy: BUSINESS Total Load for this Occupancy: 20

Water Closets/ Urinals (IPC Section 424.2): MALE: .5 (# Urinals allowed - < 50%) FEMALE: .5 TOTAL SHARED: 1

Lavatories: MALE: .5 FEMALE: .5

Drinking Fountains .2

Unisex Toilet 0

Service Sink 1

Other (list) : N/A 0

ACTUAL OCCUPANT LOAD = 20

TOTAL BUILDING COUNT REQUIRED/PROVIDED (add all occupancies)

Note: Round up all numbers

Whole numbers only	REQUIRED BASED ON ACTUAL OCCUPANCY		PROVIDED BASED ON ACTUAL OCCUPANCY	
	Male	Female	Male	Female
Total Water Closets/ Urinals	.5 (# Urinals allowed .5)	.5	0(SHARED)	0(SHARED)
Total Lavatories	1		2	
Total Drinking Fountains	1		1	
Total Unisex Toilets	0		1	
Total Service Sinks	0		0	
Total Other (list): ____	0		0	

CODE REVIEW NOTES

1. THE SCOPE OF WORK ASSOCIATED WITH THIS PROJECT INCLUDES THE RENOVATION OF THE EXISTING OFFICE SUITE AFTER ABATEMENT IN ACCORDANCE WITH INTERNATIONAL AND EXISTING BUILDING CODE. THIS RENOVATION IS CLASSIFIED AS LEVEL 1 ALTERATIONS. THERE IS NO CHANGE BUILDING CONSTRUCTION TYPE OR OCCUPANT LOAD, ETC.
2. THE EXISTING LIFE SAFETY COMPONENTS, CODE PROVISIONS AND LIMITS, BUILDING SYSTEMS, AND OTHER ELEMENTS ARE NOT BEING MODIFIED FROM THE ORIGINAL BUILDING CONSTRUCTION, EXCEPT AS NOTED FOR MEP/FP SYSTEMS. THE INTEGRITY OF THESE SYSTEMS WILL REMAIN AS CONSTRUCTED.
3. THE OFFICES AND CONFERENCE ROOM INCLUDE NEW INTERIOR WALLS PANELS, NEW CEILINGS AND FINAL FINISHES WITH NO RECONFIGURATION OF THE SPACE. THE OCCUPANT LOAD FOR THESE AREAS IS BASED ON THE EXISTING SQUARE FOOTAGE, WHICH IS UNCHANGED AND THEREFORE THERE IS NOT INCREASE IN OCCUPANT LOAD.
4. WITH NO CHANGE IN OCCUPANT LOAD IN THE SUITE, THERE IS NO REQUIREMENT TO INCREASE THE EXISTING PLUMBING FIXTURE COUNT.

TABLE 10 MECHANICAL INFORMATION

AIR COMFORT SYSTEMS

Overall Thermal Transfer Value (OTTV): ROOF=4.74, WALL=10.36 BTU/(HR x °F x SF)

Building Cooling Load: 320 SF / Ton

Building Heating Load: 21.4 BTU/(HR x SF)

OTHER LOADING FEATURES

Glass: U Factor: EXIST Window to wall ratio: 8.8 %

Insulation Values: Roof: EXIST Exterior Walls: N/A

Outside Air minimum while occupied: 260 CFM 20 Occupants

MECHANCIAL SYSTEMS, SERVICE SYSTEMS & EQUIPMENT

Briefly describe mechanical system:

Air cooled split heat pump and existing package heat pump

TABLE 11 - ELECTRICAL INFORMATION

SERVICE TRANSFORMER: ☒ By Utility Company

☐ By Agency If by Agency: ____ KVA Primary ____ Voltage/Phase

ELECTRICAL SERVICE INFORMATION:

Service Voltage/Phase: 240 V/ 120 Amperes: 150

Service Entrance Conductors Size: EXIST Quantity per Phase: 1

Total Connected Load: EXIST KVA Estimated Demand Factor: ____

Estimated Maximum Demand: EXIST Amperes

Available Fault Current in Symmetrical Amperes: EXIST Amperes

Interrupting Capacity of Service Overcurrent Device: EXIST Amperes

Grounding Electrode System Components:
- ☐ Metal Underground Water Pipe
- ☐ Metal In-ground Support Structure(s)
- ☐ Concrete-Enclosed Electrode
- ☐ Ground Ring
- ☒ Rod and Pipe Electrodes
- ☐ Plate Electrodes
- ☐ Other Local Metal Underground Systems or Structures
- ☐ Other Listed Electrodes, please specify ____

EMERGENCY SERVICE INFORMATION:

Generator 1: ☐ Emergency ☐ Standby ☐ Op. Standby ____ Voltage/Phase ____ Fuel ____ kVA

Generator 2: ☐ Emergency ☐ Standby ☐ Op. Standby ☐ Integral Battery ____ Fuel ____ kVA

Exit/Emergency Egress Lighting Backup Power ☒ Battery ☐ Generator

Fire Alarm System: ☐ Manual ☒ Auto ☐ Manual/Auto ☒ Addressable Class: ☐ A ☒ B ☐ ____ (Other)

Fire Alarm System Method of Communication to Monitoring Station (please specify): ____.

Fire Alarm Pathway Survivability: ☒ Level 0 ☐ Level 1 ☐ Level 2 ☐ Level 3

Carbon Monoxide Detection Required? ☐ Yes ☒ No

Carbon Dioxide Detection Required? ☐ Yes ☒ No

Emergency Responder Radio Coverage Enhancement Req.? ☐ Yes ☒ No

LIGHTNING PROTECTION SYSTEM PROVIDED: ☐ Yes ☒ No

DESIGN-RELATED CONSTRUCTION PERMITS / APPROVALS

The following is a list of permits and standards applicable to state construction projects. This is not intended to be a complete list and a permit or standard not listed here may still be applicable.

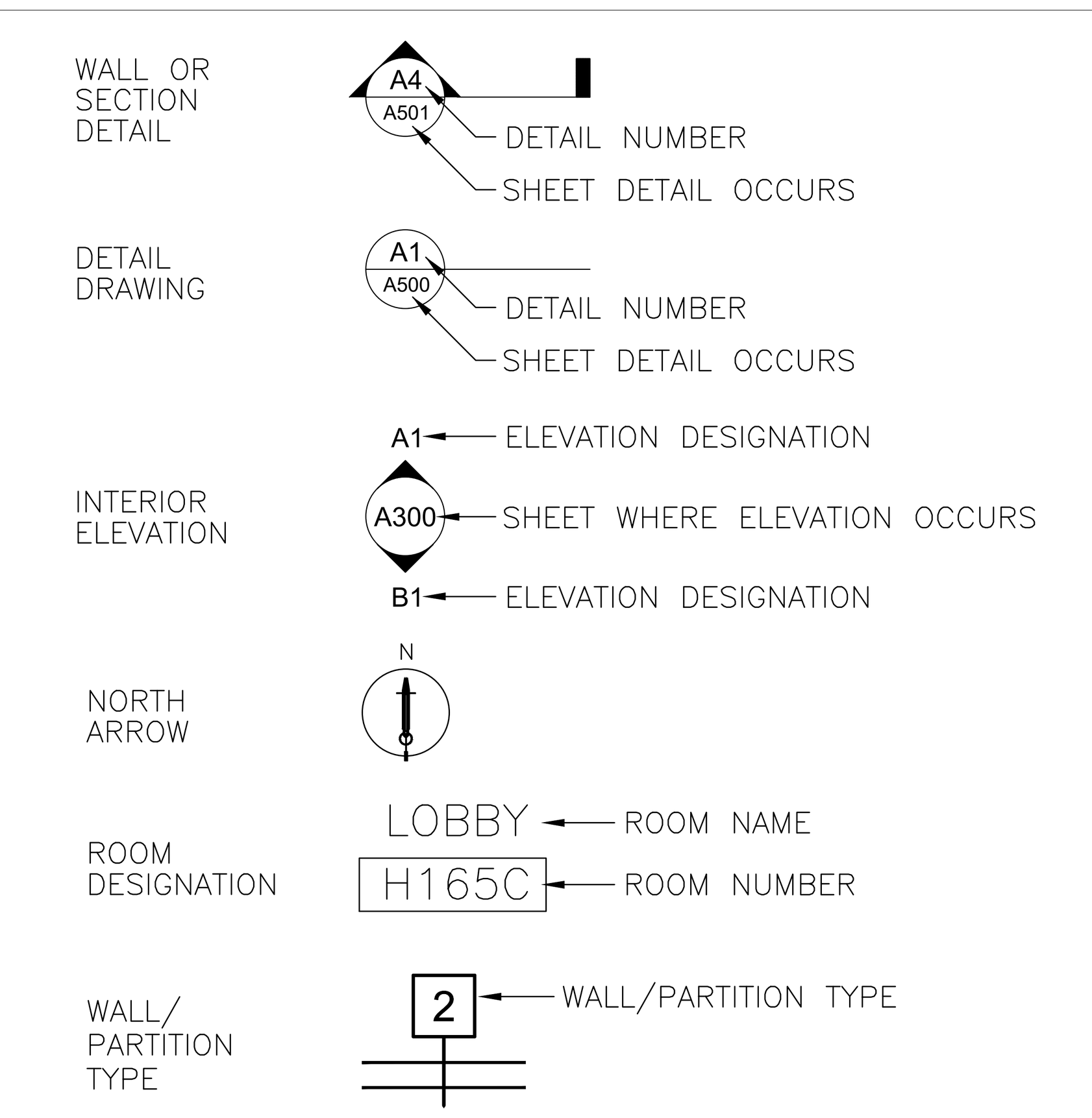
Agencies and A/Es should use this as a check list for each project by indicating the status of each required permit in the space provided. Include dates of submittal and/or approvals/anticipated approvals. This form may be submitted to OSE when this information is requested; however, it is required. If used, it must show only those permits relative to the project.

TYPE OF DEVELOPMENT	SC LAW / REGULATION	WHERE TO OBTAIN PERMIT/APPROVAL	STATUS
Air pollutant discharge	48-1-100; R61-62.1	SCDHEC - Air Quality Control	N/A
Ambulatory surgical facilities	R61-91	SCDHEC - Health Facilities Construction	N/A
Asbestos abatement	R61-86.1	SCDHEC - Air Quality Control	COMPLETE
Building construction, Zoning	6-7-10; 6-9-110	Local Authority	N/A
Community residential care facilities	R61-84	SCDHEC - Health Facilities Construction	N/A
Construction in critical coastal areas	48-39-10, 130, 190	SCDHEC - OCRM	N/A
Construction in navigable waters	49-1-16	SCDHEC - Water Pollution Control	N/A
Dams and reservoirs	49-11-200; R72-1, 2, 3	SCDHEC - Water Pollution Control	N/A
Demolition of Real Property	R61-86.1	SCDHEC - Air Quality Control	N/A
Design Review Board (BARs, SC Dept Archives & History, etc.)	Various local	Various local	N/A
Educational facilities (K - 12)	59-23-210	SC Dept. of Ed. - Office of School Facilities	N/A
Elevators	41-16-90	SC Department of LLR	N/A
Fire Department (Local)	Various local	Servicing Fire Department	TBD
Fire Protection Sprinkler	40-10	State Fire Marshal	N/A
Fire suppression systems	R71-8303	State Fire Marshal	N/A
Floodplains, construction in	OSE Manual Chpt 5	Office of State Engineer	N/A
Food service establishments	R61-25	SCDHEC - Local County Health Dept.	N/A
Historical building rehabilitation	R12-125	Archives and History, Local Authority	N/A
Hospitals & infirmaries	R61-16	SCDHEC - Health Facilities Construction	N/A
Road encroachment, local	57-7-60	Local City or County Authority	N/A
Road encroachment, state	57-5-1080	Local SCDOT Maintenance Office	N/A
Sanitary sewer; treatment & disposal	R61-56, 57	SCDHEC - Domestic Wastewater	N/A
Storm water discharge, erosion and sediment control	R61-9; R72-100-108	SCDHEC - Water Pollution Control; State Engineer; Local Authority	N/A
Swimming areas, natural public	R61-50	SCDHEC - Water Supply Construction	N/A
Swimming pools, public	R61-51	SCDHEC - Water Supply Construction	N/A
Underground storage tanks	R61-92	SCDHEC - Groundwater Protection	N/A
Waste discharge (sewage, industrial waste, etc.)	48-1-100, 110; R61-9	SCDHEC - Water Pollution Control	N/A
Water supply	44-55-40; R61-57, 58	SCDHEC - Water Supply Construction	N/A
Wells, Underground injection	R61-71, 87	SCDHEC - Groundwater Protection	N/A

MATERIAL SYMBOLS

▨	EXSTING BUILDING MASS	▨	WATERPROOF SUBSTRATE
▨	TILE	░	GYPSUM BOARD
░	CONCRETE	░	LEVELING UNDER LAYMENT
▤	LAMINATED WOOD MATERIAL (PLYWOOD, LVL, ETC.)	▨	WOOD

REFERENCE SYMBOLS



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VPBA Renovation Airport Campus
PROJ #: H59-6347-TM

1260 LEXINGTON DRIVE, WEST COLUMBIA, S.C. 29170

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STATE OF SOUTH CAROLINA COMPASS 5 PARTNERS, LLC Columbia, SC C-100254 REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA MARY ELLYN CANNIZZARO 07-18-2025 Columbia, SC 6796 REGISTERED ARCHITECT

CONSULTANT & SEALS

MTC SALUDA HALL
VBPA RENOVATION AIRPORT CAMPUS
CONSTRUCTION DOCUMENTS - OSE REVIEW

Internal Project Number: TBD

No.	Revision/Issue	Date

GENERAL PROJECT INFORMATION, CODE SHEET AND SYMBOLS

Date:	07.18.25	G001
Drawn:	JB	
Checked:	MEC	

GENERAL NOTES

A. ALL MIDLANDS TECHNICAL COLLEGE CAMPUS FACILITIES ARE ALL TOBACCO FREE.

B. SITE CONDITIONS SHOWN ON DRAWINGS BASED ON INFORMATION PROVIDED BY THE OWNER. THIS INFORMATION IS FOR REFERENCE ONLY AND MUST BE VERIFIED BY THE CONTRACTOR.

C. ALL WORK PERFORMED ON WARRANTED SYSTEMS OR ASSEMBLIES SHOULD BE PERFORMED BY APPROVED CONTRACTORS FOR SUCH ASSEMBLIES AND IN SUCH A MANNER THAT WARRANTIES ARE NOT VOIDED OR JEOPARDIZED IN ANY MANNER.

D. BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY EXISTING CONDITIONS, COMPARE RESULTS WITH INFORMATION GIVEN IN THE CONTRACT DOCUMENTS AND REPORT INCONSISTENCIES TO THE OWNER & ARCHITECT IMMEDIATELY.

E. IF THE CONTRACTOR ENCOUNTERS MATERIAL BELIEVED TO BE HAZARDOUS, THEY SHALL IMMEDIATELY STOP WORK IN THE AFFECTED AREA AND REPORT THE CONDITION TO THE OWNER AND ARCHITECT IN WRITING. WORK IN THE AFFECTED AREA SHALL NOT BE RESUMED UNTIL AN AUTHORIZED AND LICENSED TESTING AGENCY AND/OR ABATEMENT CONTRACTOR HAS REMOVED OR DEEMED HARMLESS THE MATERIAL IN QUESTION AND PROVIDED DOCUMENTATION TO THAT AFFECT.

F. REFER TO FIRE AND LIFE SAFETY PLANS FOR LOCATIONS OF FIRE RATINGS.

G. REFER TO PARTITION NOTES AND ASSEMBLIES FOR REQUIREMENTS OF FIRE-RATINGS AND SOUND CONTROL. ALL RATED PARTITIONS SHALL MEET CONSTRUCTION OF UL-RATINGS AS LISTED.

H. INTERIOR WALL DIMENSIONS SHOWN ON PLANS ARE TO FACE OF FINISH WALL, UNLESS NOTED OTHERWISE. COORDINATE WITH EXTERIOR, STRUCTURE AND MEP DRAWINGS.

I. CONSTRUCTION MATERIALS OR CONSTRUCTION PROCESSES WHICH ARE HAZARDOUS TO WORKERS OR FUTURE OCCUPANTS ARE NOT PERMITTED.

J. THE CONSTRUCTION SUBSYSTEMS AND PARTITION TYPES SHOWN INDICATE THE GENERAL CONSTRUCTION FEATURES OF THE WORK TO BE COMPLETED. THEY ARE NOT INTENDED TO REPRESENT THE ENTIRE CONSTRUCTION PROCESS AND ACCESSORIES USED. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETED SYSTEMS AND TO BE IN COMPLIANCE WITH GOVERNING CODES AND THE INTENT OF THE CONSTRUCTION DRAWINGS.

K. TESTING AND CODE REFERENCES USED IN THESE DRAWINGS BY ABBREVIATION. OTHER TESTING AGENCIES ARE ACCEPTABLE IF IN COMPLIANCE WITH TESTING STANDARDS.

L. REFER TO SPECIFICATIONS, CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL AND AV/IT DRAWINGS FOR ADDITIONAL NOTES AND REFERENCES.

C. COORDINATE ALL ARCHITECTURAL WORK WITH EXISTING CONDITIONS, PROJECT MANUAL/SPECIFICATIONS STRUCTURAL, FIRE PROTECTION, PLUMBING, MECHANICAL, ELECTRICAL AND AV/IT DRAWINGS FOR ADDITIONAL PRIOR TO COORDINATION DRAWINGS AND SUBMITTALS.

D. REFER TO PROJECT MANUAL/SPECIFICATIONS FOR SUPPLEMENTARY GENERAL CONDITIONS, DEBRIS REMOVAL AND SAFETY PRECAUTIONS.

E. DETAILS ARE SHOWN TO DESCRIBE DESIGN INTENT. COORDINATE COMPLETE SHOP DRAWINGS, SHOWING ALL CONSTRUCTION DETAILS AND LAYOUTS AS REQUIRED FOR A COMPLETE JOB, ADHERING TO THE MANUFACTURER'S WARRANTIES AND LOCAL AND STATE CODES.

F. PROVIDE ACCESS PANELS WHERE NEEDED TO ACCESS VALVES, EQUIPMENT, FILTERS, ETC. EVEN IF NOT NOTED IN DRAWINGS. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

G. WORK OF THE ENGINEERING DISCIPLINES IS SHOWN ON THE ARCHITECTURAL DRAWINGS FOR COORDINATION PURPOSES ONLY. REFER TO APPROPRIATE DISCIPLINE DRAWINGS FOR COMPLETE AND GOVERNING INFORMATION REGARDING THEIR WORK. INCOMPLETE, INCONSISTENT, OR MISSING ENGINEERING INFORMATION ON ARCHITECTURAL DRAWINGS SHALL NOT BE CONSTRUED AS BINDING FOR THAT WORK.

H. DO NOT SCALE DRAWINGS, USE DIMENSIONS ONLY. NOTIFY ARCHITECT IMMEDIATELY, IF ADDITIONAL DIMENSIONS ARE NEEDED OF A CONFLICT IS FOUND.

I. THE CONTRACTOR IS TO SEAL ALL HOLES THAT REMAINED AFTER REMOVAL/REPLACEMENT OF PIPES, CONDUITS AND DUCTS ETC. WITH MATERIALS TO MATCH EXISTING CONSTRUCTION AND SEALANTS.

J. THE CONTRACTOR SHALL COORDINATE NEW OPENINGS IN EXISTING WALLS OR FLOORS WITH APPLICABLE ELECTRICAL, MECHANICAL, PLUMBING, EQUIPMENT AND OR PIPING DRAWINGS.

K. PROTECT ALL FINISHES TO REMAIN. REPLACE/REPAIR ANY FINISHES DISTURBED BY DEMOLITION OR RENOVATION 'CORNER TO CORNER' IN A MANNER THAT ELIMINATES THE APPEARANCE OF PATCHING OR REPAIR. ALL REMAINING MATERIALS ADJACENT TO AREAS OF DEMOLITION ARE TO BE LEFT NEATLY PATCHED, PAINTED AND REPAIRED TO MATCH EXISTING FINISHES. NOTE: FINISHES NEED TO EXTEND TO A LOGICAL STOPPING POINT I.E. CORNER, EDGE OF WALL, FLOOR, CEILING ETC.

L. DIMENSIONS SHOWN AS EXISTING OR "EXIST." ARE FOR REFERENCE ONLY. CONTRACTOR TO VERIFY IN FIELD DIMENSIONS, CONDITIONS, AND CLEARANCES PRIOR TO THE SUBMISSION OF SHOP DRAWINGS.

M. "PROVIDE" AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS SHALL BE UNDERSTOOD TO MEAN TO INCLUDE FURNISH, INSTALL, AND FINISH COMPLETE AND READY FOR USE.

N. "ALIGN" AS INDICATED ON THE DRAWINGS SHALL BE UNDERSTOOD TO MEAN THE WALLS OR COLUMNS INDICATED.

O. 'U.N.O.' AS INDICATED ON THE DRAWINGS SHALL BE UNDERSTOOD TO MEAN 'UNLESS NOTED OTHERWISE'. COORDINATE ALL CONDITIONS.

P. KEY NOTES LOCATED/INDICATED AT GENERAL AREA OF THE ROOM OR AT ROOM TAG SHALL BE READ AS GENERAL EXTENT OF SCOPE THROUGHOUT AREA OF THE ROOM, UNLESS NOTED OTHERWISE.

IN ADDITION TO REGULAR CONSTRUCTION MEETINGS AND REQUIRED INSPECTIONS, CONTRACTOR SHALL COORDINATE THE FOLLOWING MEETINGS WITHIN APPROPRIATE SCHEDULING TO THE PROJECT PROGRESS, NOT TO SCHEDULE OR PROGRESS:

1.1. FINISHES (INCLUDING, BUT NOT LIMITED TO TILE, LVT, SPECIALTIES, ACOUSTICAL PANELS, ETC.), CASEWORK SHOP DRAWINGS, STOREFRONT WALLS, DOOR HARDWARE, RETRACTABLE WALLS AND ACCESSORIES COORDINATION MEETING WITH ARCHITECT AND OWNER PRIOR TO ORDERING. ALL PRODUCT DATA AND SAMPLES TO BE PROVIDED BY THE CONTRACTOR PRIOR TO AND DURING THIS MEETING REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

1.2. ROUGH-IN COORDINATION MEETING WITH OWNER AND A/E TEAM PRIOR TO LOCAL JURISDICTION INSPECTION FOR EACH TYPICAL SPACE; IE. TYPICAL OFFICE, STUDY, CONFERENCE/MEETING, ETC.

CONTRACT DOCUMENTS COORDINATION

CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL CONTRACT DOCUMENTS INCLUDING DRAWINGS AND SPECIFICATION AND PROVIDE ALL ENGINEERING AND ARCHITECTURAL WORK AS INTENDED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE INTENTION OF THE SPECIFICATION SECTIONS.

EXISTING TO REMAIN FIRE RATED ASSEMBLIES

A. THE INTEGRITY OF REMAINING FIRE RATED ASSEMBLIES SHALL BE MAINTAINED OR REPAIRED DURING DEMOLITION AND THROUGHOUT CONSTRUCTION. ANY HOLES OR OTHER OPENINGS EXISTING OR CREATED BY THE REMOVAL OF DOORS, FRAMES, PIPING, DUCT. CONDUIT OR ANY OTHER MATERIAL SHALL BE FILLED, PATCHED OR INFILLED WITH A UL TESTED SYSTEM OR WITH APPROPRIATELY RATED MATERIALS TO PREVENT THE PASSAGE OF FIRE AND SMOKE AS REQUIRED.

B. GC IS RESPONSIBLE FOR PROTECTING EXISTING FIRE PROTECTION AT COLUMNS, BEAMS AND OTHER EXISTING STEEL OR CONCRETE. PATCH/REPLACE ALL DAMAGED SPRAYED FIRE-PROOFING IN AREA OF WORK TO MEET REQUIRED RATINGS.

C. THE GC SHALL INSPECT BOTH SIDES OF EXISTING WALLS, CEILINGS AND FLOOR ASSEMBLIES AND REPAIR/REPLACE AS REQUIRED TO MAINTAIN EXISTING RATINGS. REFER TO FIRE & LIFE SAFETY PLANS FOR LOCATIONS OF RATED WALLS AND SMOKE RESISTIVE CONSTRUCTION.

D. WHERE EXISTING RATED WALL ASSEMBLIES ARE MODIFIED TO ALLOW FOR NEW WORK THEY SHALL BE RECREATED TO MATCH RATED ASSEMBLY COMPONENTS. ANY REMOVAL, DAMAGE, OR EXISTING BREECHES TO RATED WALL ASSEMBLIES SHALL BE REPAIRED OR REPLACED TO MAINTAIN EXISTING OR NEWLY PRESCRIBED RATINGS. REFER TO PARTITION NOTES AND SPECIFICATIONS.

E. INTERIM FIRE-STOPPING IS TO BE PROVIDED FOR ALL ABANDONED OR NEWLY CREATED PENETRATIONS THROUGH THE EXISTING FLOOR SLAB OR STRUCTURAL DECK ABOVE AND SHALL BE MAINTAINED UNTIL PERMANENT FIRE-STOPPING IS IN PLACE. REFER TO PROJECT MANUAL FOR ADDITIONAL INTERIM REQUIREMENTS. THE LOCATION AND QUANTITY ADDRESSED IN THESE NOTES SHALL BE GENERALLY INFERRED BASED ON THE CONTENT AND EXTENT OF WORK DEPICTED IN THE DRAWINGS AND SPECIFICATIONS. EXTRAORDINARY CONDITIONS MAY BE IDENTIFIED DURING DEMOLITION AND WILL BE ADDRESSED AT THAT TIME.

F. EXISTING FIRE-RATED ASSEMBLIES SHALL BE MAINTAINED BY THE GC FOR THE DURATION OF THIS PROJECT. REPAIR OF EXISTING HOLES, CRACKS OR OTHER BREACHES WITHIN WORK AREAS SHALL BE THE RESPONSIBILITY OF THE GC. REPAIRS SHALL CONFORM TO THE APPROPRIATE UL RATED ASSEMBLY CONSISTENT WITH THE REQUIRED RATING IN THE AREA OF CONSTRUCTION AND/OR ADJACENT AREAS.

G. ANY DRYWALL AND/OR RELATED FIREPROOFING ON EXISTING STRUCTURE BELOW FLOOR DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING.

GENERAL DEMOLITION NOTES

A. BEFORE BEGINNING CONSTRUCTION OR DEMOLITION, THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY EXISTING CONDITIONS, COMPARE RESULTS WITH INFORMATION GIVEN IN THE CONTRACT DOCUMENTS AND REPORT INCONSISTENCIES TO THE OWNER & ARCHITECT IMMEDIATELY.
A.A. COORDINATE AND DOCUMENT ALL IN-FLOOR, IN-WALL, IN-CEILING AND IN ROOF CONDUITS, PIPING, CONNECTIONS OR SPECIAL CONDITIONS AS DEMOLITION REVEALS EXISTING CONDITIONS.

B. THE EXTENT OF DEMOLITION INDICATED IS BASED ON RECORD DRAWINGS PROVIDED BY THE OWNER AND FIELD OBSERVATIONS. ANY DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE INDICATED ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT AS SOON AS DISCREPANCIES ARE DISCOVERED.

C. THESE DRAWINGS SHOW THE GENERAL EXTENT OF DEMOLITION TO BE PERFORMED. ALL ITEMS DASHED ARE TO BE REMOVED COMPLETE, EVEN IF REMOVAL EXTENDS BEYOND THE DESIGNATED SPACE AND/OR PROJECT BOUNDARY. CONTRACTOR SHALL INCLUDE ALL DEMOLITION, CUTTING AND PATCHING REQUIRED FOR NEW CONSTRUCTION. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION PLANS FOR ADDITIONAL ITEMS TO BE REMOVED OR RELOCATED.

D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, ELECTRICAL AND VENDOR DRAWINGS FOR DEMOLITION AND COORDINATION.

E. REFER TO PROJECT MANUAL AND CONTRACTOR ACCESS PLAN FOR SITE ACCESS, DEBRIS REMOVAL AND SAFETY PRECAUTIONS.

F. REFER TO PROJECT MANUAL FOR OWNER REQUIREMENTS FOR UTILITY OUTAGES. CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL INTERRUPTION OF UTILITIES AND/OR DAILY OPERATIONS WITH THE OWNER IN WRITING.

G. IF THE CONTRACTOR ENCOUNTERS MATERIAL BELIEVED TO BE HAZARDOUS, WORK SHALL IMMEDIATELY STOP IN THE AFFECTED AREA. THE CONDITION SHALL BE IMMEDIATELY REPORTED TO THE OWNER AND ARCHITECT IN WRITING. WORK IN THE AFFECTED AREA SHALL NOT BE RESUMED UNTIL AN AUTHORIZED AND LICENSED TESTING AGENCY AND/OR ABATEMENT CONTRACTOR HAS REMOVED OR DEEMED HARMLESS THE MATERIAL IN QUESTION AND PROVIDED DOCUMENTATION TO THAT AFFECT.

H. THE CONTRACTOR SHALL COORDINATE NEW OPENINGS IN EXISTING WALLS OR FLOORS WITH APPLICABLE ELECTRICAL, MECHANICAL, PLUMBING, EQUIPMENT AND OR PIPING DRAWINGS.

I. THE CONTRACTOR SHALL SEAL ALL HOLES LEFT AFTER REMOVAL OF PIPES, CONDUITS AND DUCTS ETC. WITH MATERIALS TO MATCH EXISTING CONSTRUCTION AND SEALANTS. ANY EQUIPMENT TO BE DECOMMISSIONED IS TO BE REMOVED IN ITS ENTIRETY, AND IS NOT TO BE LEFT INOPERABLE ABOVE THE CEILING OR INSIDE THE WALL CAVITIES.

J. ALL REMAINING MATERIALS ADJACENT TO AREAS OF DEMOLITION ARE TO BE LEFT NEATLY PATCHED, PAINTED AND REPAIRED TO MATCH EXISTING FINISHES.
J.A. NOTE: FINISHES NEED TO EXTEND TO A LOGICAL STOPPING POINT I.E. CORNER, EDGE OF WALL, FLOOR, CEILING ETC.NOTE: FINISHES NEED TO EXTEND TO A LOGICAL STOPPING POINT I.E. CORNER, EDGE OF WALL, FLOOR, CEILING ETC.

K. ITEMS TO BE REMOVED OF SALVAGEABLE VALUE ARE TO REMAIN THE PROPERTY OF THE OWNER TO BE DISPOSED OF AT THEIR DISCRETION. ANY SALVAGEABLE ITEMS GIVEN TO THE CONTRACTOR MUST BE REMOVED FROM THE SITE. ITEMS TO REMAIN THE PROPERTY OF THE OWNER SHALL BE STORED ON-SITE BY THE CONTRACTOR AT THE OWNER'S DISCRETION.

L. EXISTING FIRE-RATED ASSEMBLIES SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THIS PROJECT. REPAIR OF EXISTING HOLES, CRACKS OR OTHER BREACHES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. REPAIRS SHALL CONFORM TO THE APPROPRIATE UL RATED ASSEMBLY CONSISTENT WITH THE REQUIRED RATING IN THE AREA OF CONSTRUCTION AND/OR ADJACENT AREAS.

M. ALL EXISTING ITEMS SCHEDULED TO REMAIN (ANY DISCIPLINE) WHICH ARE EXPOSED TO DEMOLITION WORK SHALL BE PROTECTED OR TEMPORARILY REMOVED, STORED, AND PROTECTED.

N. THE CONTRACTOR TO REMOVE ALL ABANDONED OR UNNECESSARY PIPING, FRAMING, DUCT, WIRING AND/OR CONDUIT COMPLETE, EVEN IF ITEMS WERE ABANDONED PRIOR TO DEMOLITION AND REMOVAL EXTENDS BEYOND THE DESIGNATED SPACE AND/OR PROJECT BOUNDARIES. THE LOCATION AND QUANTITY ADDRESSED IN THESE NOTES SHALL BE GENERALLY INFERRED BASED ON THE CONTENT AND EXTENT OF WORK DEPICTED IN THE DRAWINGS AND SPECIFICATIONS. THE INTENT IS TO COVER COMMON, TYPICAL, AND GENERALLY ANTICIPATED ITEMS. EXTRAORDINARY CONDITIONS MAY BE IDENTIFIED DURING DEMOLITION AND WILL BE ADDRESSED AT THAT TIME.

O. AREAS SHOWING THE REMOVAL OF WALLS SHALL BE PROPERLY SHORED UP IF NECESSARY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH AREAS ARE TO BE SHORED.

P. REMOVE ALL WALL-MOUNTED ACCESSORIES AND APPURTENANCES IN AREA OF RENOVATION, INCLUDING BUT NOT LIMITED TO CLOCKS, DISPLAY BOARDS, PAPER TOWEL DISPENSERS, SOAP DISPENSERS, ALCOHOL DISPENSERS, ROOM SIGNAGE, TELEPHONES, ARTWORK, PLACARDS, ETC. SALVAGE FOR REINSTALLATION.

DEMOLITION COORDINATION & EXTENT

A. THE REQUIRED DEMOLITION SHALL NOT BE LIMITED TO THAT PORTION OF WORK SHOWN ON THE PLANS ALONE. WORK COINCIDENTAL THERETO WHICH IS NECESSARY TO ACCOMPLISH THE INTENT OF THE CONTRACT DOCUMENTS IS ALSO PART OF THE WORK.
A.1. COORDINATE EXTENT OF SPRINKLERING WITH EXISTING CEILINGS TO REMAIN. REFER TO FIRE PROTECTION PLANS.
A.2 ANY DEMOLITION WORK NECESSARY ON FLOORS ABOVE AND BELOW SHALL BE SCHEDULED WITH THE OWNER. ANY FINISHES DISTURBED OR DAMAGED AS A RESULT OF DEMOLITION OR INSTALLATION SHALL BE PATCHED OR REPLACED TO MATCH EXISTING FINISHES.

B. COORDINATE AND DOCUMENT ALL IN-FLOOR, IN-WALL, IN-CEILING AND IN ROOF CONDUITS, PIPING, CONNECTIONS OR SPECIAL CONDITIONS AS DEMOLITION REVEALS EXISTING CONDITIONS.

C. DEMOLITION WORK WHICH REQUIRES ACCESS TO OCCUPIED SPACES OUTSIDE THE PROJECT AREA OR ON FLOOR ABOVE AND BELOW SHALL BE SCHEDULED WITH THE OWNER. REFER TO SPECIFICATIONS FOR WRITTEN NOTICE REQUIREMENTS.

D. WHERE EXISTING WALL OR FLOOR SYSTEMS ARE TO REMAIN AND ARE DISTURBED BY DEMOLITION, THEY SHALL BE REPAIRED AS REQUIRED TO MATCH ORIGINAL INTEGRITY AND ADJACENT CONSTRUCTION.

E. REFER TO MECHANICAL, ELECTRICAL PLUMBING, FIRE PROTECTION AND TECHNOLOGY/AV/IT DRAWINGS FOR WORK REQUIRED TO BE PERFORMED OUTSIDE OF HATCHING AND DIAGRAMMATIC INDICATION OF AREA OF WORK SHOWN ON PLANS, GC IS RESPONSIBLE TO PERFORM WORK OUTSIDE OF THIS AREA AS REQUIRED BY OTHER DISCIPLINES.

GENERAL ACCESS AND CLEAN NOTES

A. CONTRACTOR TO COORDINATE FINAL LAY DOWN, CONTRACTOR ACCESS ROUTES, DELIVERY, AND DEBRIS REMOVAL SCHEDULE WITH OWNER.
A.1.1. CONTRACTOR SHALL ONLY USE DESIGNATED ROUTE TO TRANSPORT MATERIALS OR DEBRIS INTO OR OUT OF CONSTRUCTION AREA.
A.1.2. COVER AND PROTECT ALL FINISHES AND MATERIALS IN ACCESS PATH AND ELEVATORS. CONTRACTOR TO REPAIR AND/OR REPLACE ANY DAMAGED FINISHES OR MATERIALS THROUGHOUT CONSTRUCTION PROCESS.

B. THE CONTRACTOR SHALL SCHEDULE ALL WORK WITH OWNER IN WRITING, INCLUDING ANY INTERRUPTIONS OF UTILITIES, AND/OR DAILY OPERATIONS PRIOR TO THE START OF WORK. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AN UPDATED SCHEDULE AND COORDINATING CHANGES WITH OWNER AND ARCHITECT. REFER TO SPECIFICATIONS FOR OWNER REQUIREMENTS FOR UTILITY OUTAGES.
B.0.1. ANY NOISE PRODUCING ACTIVITIES AND/OR AFTER HOUR ACCESS SHALL ALSO BE COORDINATED WITH OWNER WITH A MINIMUM OF 72 HOURS NOTICE.
B.0.2. THE CAMPUS SHALL REMAIN IN USE AND ACCESSIBLE DURING THE TIME WORK IS BEING PERFORMED.

C. LIMIT CONTRACTOR ACCESS AS NECESSARY. MAINTAIN MINIMUM 44" CLEAR EGRESS AT ALL TIMES, UNLESS NOTED OTHERWISE. GC SHALL MAINTAIN SAFE, UNOBSTRUCTED EGRESS AT ALL TIMES AND PROTECT OCCUPANTS FROM CONSTRUCTION ACTIVITIES. REFER TO LIFE SAFETY PLANS.
C.0.1. GC SHALL DEVELOP AN INTERIM LIFE SAFETY PLAN TO BE APPROVED BY OWNER, WITH DESIGNATED PATHWAYS TO BE ACCESSIBLE AND FREE OF DEBRIS AT ALL TIMES. ALL WORK IN CORRIDOR TO BE COORDINATED WITH OWNER PRIOR TO STARTING.

D. PRIOR TO STARTING DEMOLITION, PROVIDE TEMPORARY CONSTRUCTION PARTITIONS AROUND UNSECURED CONSTRUCTION AREA AS NEEDED OF NON-COMBUSITBLE CONSTRUCTION. REFER TO MIDLANDS TECH. COLLEGE STANDARDS FOR ACCEPTABLE CONSTRUCTION TYPES. WORK AREA MUST BE SELF CONTAINED AND LOCKABLE PRIOR TO REMOVAL.
D.0.1. PROVIDE TEMPORARY DUST SCREENS DURING INSTALLATION OF MODULAR CONSTRUCTION PARTITIONS AND/OR SHORT TERM WORK OUTSIDE OF THE CONSTRUCTION AREA. RELOCATE TEMPORARY PARTITIONS TO PROVIDE MINIMAL DISRUPTION AND CLEAR ACCESS TO ADJACENT AREAS AS WORK IN EACH AREA IS COMPLETED.
D.0.2. GC IS RESPONSIBLE FOR REPAIRING ANY EXISTING CONSTRUCTION OR FINISHES AFFECTED BY TEMPORARY BARRIER CONSTRUCTION.

E. PROVIDE DAILY DEBRIS CLEAN-UP AND REMOVAL THROUGHOUT PROJECT.

F. ONCE FINISHES ARE INSTALLED THE GC SHALL PROVIDE AND MAINTAIN RAM BOARD PANELS AND 6 MIL POLY BARRIER COMPLETE THROUGHOUT ALL GC ACCESS ROUTES, PATHWAYS TO TOILETS, ACCESS TO DUMPSTER, ALONG CORRIDORS, AND ALL OTHER AREAS AFFECTED.

G. GC SHALL SECURE CONSTRUCTION SITE WHEN WORK COMPLETES EACH DAY.
G.0.1. PROVIDE SECURED HARDWARE THROUGH OUT PROJECT DURATION.

GENERAL RENOVATION NOTES

A. WHERE EXISTING SMOKE TIGHT AND ANY RATED WALL ASSEMBLIES ARE MODIFIED TO ALLOW FOR NEW WORK THEY SHALL BE RECREATED TO MATCH RATED ASSEMBLY COMPONENTS. ANY REMOVAL, DAMAGE, OR EXISTING BREECHES TO SMOKE TIGHT AND RATED WALL ASSEMBLIES SHALL BE REPAIRED OR REPLACED TO MAINTAIN EXISTING OR NEWLY PRESCRIBED RATINGS. REFER TO PARTITION NOTES AND SPECIFICATIONS.

B. WHERE EXISTING RATED WALL ASSEMBLIES ARE MODIFIED TO ALLOW FOR NEW WORK THEY SHALL BE RECREATED TO MATCH RATED ASSEMBLY COMPONENTS. ANY REMOVAL, DAMAGE, OR EXISTING BREECHES TO RATED WALL ASSEMBLIES SHALL BE REPAIRED OR REPLACED TO MAINTAIN EXISTING OR NEWLY PRESCRIBED RATINGS. REFER TO PARTITION NOTES AND SPECIFICATIONS.

C. EXISTING DIMENSIONS AND DIMENSIONS LABELED AS EXISTING ARE FOR REFERENCE ONLY. CONTRACTOR TO VERIFY IN FIELD DIMENSIONS, CONDITIONS, AND CLEARANCES PRIOR TO THE SUBMISSION OF SHOP DRAWINGS.

D. BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY EXISTING CONDITIONS AND COMPARE RESULTS WITH INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. REPORT ANY INCONSISTENCIES TO THE ARCHITECT AT ONCE.

E. WORK OF THE ENGINEERING DISCIPLINES IS SHOWN ON THE ARCHITECTURAL DRAWINGS FOR COORDINATION PURPOSES ONLY. REFER TO APPROPRIATE DISCIPLINE DRAWINGS FOR COMPLETE AND GOVERNING INFORMATION REGARDING THEIR WORK. INCOMPLETE, INCONSISTENT, OR MISSING ENGINEERING INFORMATION ON ARCHITECTURAL DRAWINGS SHALL NOT BE CONSTRUED AS BINDING FOR THAT WORK.

F. DO NOT SCALE DRAWINGS, USE DIMENSIONS ONLY.

G. DIMENSIONS ARE TYPICALLY SHOWN TO:
G.A. COLUMN CENTERLINES
G.B. FACE OF UNIT MASONRY
G.C. FACE OF FINISHED WALLS

H. DOOR FRAMES MOUNTED IN STUD FRAMED GYPSUM WALLS ARE LOCATED 4" FROM THE ROOM CORNER TO OUTSIDE FACE OF FRAME U.N.O.

I. CONTRACTOR TO COORDINATE WITH ALL EQUIPMENT VENDORS, INCLUDING CASEWORK AND SAFETY EQUIPMENT FOR ALL LOCATIONS OF BOXES, PIPES, CONDUITS, ETC. PRIOR TO COMMENCING WORK.

J. REFER TO ELEVATION SHEETS FOR TYPICAL MOUNTING HEIGHTS. REFER TO EQUIPMENT PLAN FOR TYPICAL EQUIPMENT LAYOUT FOR REFERENCE ONLY.

K. REFER TO FLOOR FINISH PLAN AND FINISH SCHEDULE SHEET FOR ADDITIONAL DETAILS AND NOTES.

L. ALIGN DOGLEG PARTITIONS WITH FACE OF EXISTING COLUMN BUILD-OUTS.

M. COMPLETELY PATCH, TRIM, BUSH, REPAIR, AND REFINISH ANY DAMAGED OR IMPERFECT COLUMNS, SURFACES, OR SIMILAR CONDITIONS AFFECTED PRIOR TO, DURING, OR AS A RESULT OF CONSTRUCTION OR DEMOLITION.

N. REFER TO LIFE SAFETY PLAN FOR FIRE EXTINGUISHER CABINET LOCATIONS.

O. REFER TO PARTITION NOTES AND LIFE SAFETY PLANS FOR NEW AND EXISTING PARTITION RATINGS AND CONSTRUCTION.

P. PATCH, SEAL, FIRE CAULK, AND STENCIL ALL NEW AND EXISTING WALLS AS REQUIRED TO MEET RATINGS. REFER TO FIRE AND LIFE SAFETY PLANS.

Q. COORDINATE RENOVATION WITH FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL DOCUMENTS. EXISTING COLUMNS, BEAMS, FLOOR STRUCTURE AND FRAMING SCHEDULED TO REMAIN ARE NOT TO BE DISTURBED OR PENETRATED.

R. REPAIR, PATCH, PRIME, AND PAINT 'CORNER TO CORNER' EXISTING WALLS WHERE ARCHITECTURAL, PLUMBING, MECHANICAL, OR ELECTRICAL ITEMS HAVE BEEN REMOVED.

S. EXISTING STRUCTURAL COLUMNS, BEAMS, FLOORS, AND FRAMING TO REMAIN IN PLACE THROUGHOUT CONSTRUCTION U.N.O.

T. PROVIDE ACCESS PANELS WHERE NEEDED TO ACCESS VALVES, EQUIPMENT, FILTERS, ETC. EVEN IF NOT NOTED IN DRAWINGS.

U. REPAIR, PATCH, PRIME, AND PAINT 'CORNER TO CORNER' EXISTING WALLS WHERE ARCHITECTURAL, PLUMBING, MECHANICAL, AND/OR ELECTRICAL ITEMS HAVE BEEN REMOVED

V. WORK OF THE ENGINEERING DISCIPLINES IS SHOWN ON THE ARCHITECTURAL DRAWINGS FOR COORDINATION PURPOSED ONLY. REFER TO APPROPRIATE DISCIPLINE DRAWINGS FOR COMPLETE AND GOVERNING INFORMATION REGARDING THEIR WORK. INCOMPLETE, INCONSISTENT,OR MISSING ENGINEERING INFORMATION ON ARCHITECTURAL DRAWINGS SHALL NOT BE CONSTRUED AS BINDING FOR THAT WORK.

W. REPAIR, PATCH AND PRIME/PREP 'CORNER TO CORNER' EXISTING COLUMN BUILD-OUTS, CHASES, AND EXTERIOR WALLS TO REMAIN TO RECEIVE NEW FINISHES IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING OR REFINISHING,

X. PROVIDE NEW FINISH FLOORING, WALL FINISHES, AND WALL BASE THROUGHOUT PROJECT SCOPE. REPAIR, PATCH, AND PRIME/PREP NEW AND EXISTING SLAB AND PERIMETER WALLS AS REQUIRED TO RECEIVE NEW FINISH PER MANUFACTURER'S WRITTEN SPECIFICATIONS. REFER TO FINISH PLAN SCHEDULE.

Y. PREP NEW AND EXISTING WALLS TO A 'LEVEL 4' FINISH. REFER TO SPECIFICATIONS. REFER TO ELEVATIONS AND FINISH SCHEDULE FOR NEW FINISHES AND WALL PROTECTION.

Z. FLOOR PATCHING SHALL SUPPORT THE INSTALLATION OF NEW FINISHES PER MANUFACTURER'S WRITTEN INSTRUCTIONS. CONTRACTOR SHALL PREP THE ENTIRETY OF THE SLAB.

AA. COORDINATE NEW WALLS, FLOORING AND CEILING GRID WITH NEW AND EXISTING EXPANSION JOINTS.

GENERAL CEILING NOTES

A. SEE FINISH LEGEND AND FINISH SCHEDULE FOR CEILING TYPES AND MATERIALS.

B. COORDINATE REFLECTED CEILING PLANS WITH ELECTRICAL, MECHANICAL, AND ROOM FINISH INFORMATION.

C. CEILING GRIDS OR TILES TO BE CENTERED IN ALL ROOMS IN BOTH DIRECTIONS UNLESS NOTED OTHERWISE. PARTIAL TILES SHALL NOT BE LESS THAN 6" IN EITHER DIMENSION. PARTIAL TILES SHALL BE CUT FROM TILES OF THE SAME TYPE.

D. PROVIDE NEW CEILINGS AND SOFFITS AS ILLUSTRATED IN AREA WORK COMPLETE. REFER TO MATERIAL LEGEND AND FINISH SCHEDULE FOR CEILING TYPES AND MATERIALS.

E. IN THE CASE OF MINOR DISCREPANCIES IN LOCATION OF CEILING MOUNTED COMPONENTS, THE REFLECTED CEILING PLAN SHALL GOVERN. IN THE CASE OF MAJOR DISCREPANCIES, THE ARCHITECT SHALL BE NOTIFIED BEFORE PROCEEDING WITH THE WORK.

F. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS REQUIRED OR INDICATED.

G. MEP AND AV/IT DEVICES SHOWN FOR REFERENCE ONLY. REFER TO MEP AND AV/IT DRAWINGS AND COORDINATE WITH GRID LAYOUT. IN THE CASE OF MINOR DISCREPANCIES IN LOCATION OF CEILING MOUNTED COMPONENTS. THE REFLECTED CEILING PLAN SHALL GOVERN. IN THE CASE OF MAJOR DISCREPANCIES, THE ARCHITECT SHALL BE NOTIFIED BEFORE PROCEEDING WITH THE WORK.

H. INSTALL ALL CEILING AND CEILING MOUNTED DEVICES WITH SEISMIC REQUIREMENTS. REFER TO STRUCTURAL REQUIREMENTS, CODE SHEET, AND TYPICAL SEISMIC DETAILS. CEILING SEISMIC DETAILS ARE PROVIDED TO ILLUSTRATE THE GENERAL REQUIREMENTS OF IBC CHAPTER 16, WHICH REFERENCES ASCE7 AND ASTM C636 & ASTM E580 FOR INSTALLATION REQUIREMENTS. CM-R IS RESPONSIBLE FOR MEETING ALL APPLICABLE PROVISIONS OF THESE STANDARDS. IN CASE OF CONFLICT, THE MORE STRINGENT STANDARD WILL PREVAIL. REFER TO CEILING AND SEISMIC DETAILS.

I. CEILING SEISMIC DETAILS ARE PROVIDED TO ILLUSTRATE THE GENERAL REQUIREMENTS OF CISCA GUIDELINES FOR SEISMIC 'C' RESTRAINT AND IBC CHAPTER 16. CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE PROVISIONS OF THESE STANDARDS. IN CASE OF CONFLICT, THE MORE STRINGENT STANDARD WILL PREVAIL.

J. ALL CEILING HEIGHTS TO MATCH EXISTING UNO. ALL EXISTING BULKHEADS TO REMAIN OR BE REBUILT HEIGHTS TO MATCH EXISTING, UNO. REFER TO THE REFLECTED CEILING PLANS UNLESS NOTED OTHERWISE.
J.A. ALL CEILING HEIGHTS ARE NOTED ABOVE FINISH FLOOR TO FINISH CEILING. AV/IT, AND ELECTRICAL TO BE COORDINATED WITH HVAC TO MAINTAIN CEILING HEIGHTS. REFER TO SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS.
J.B. SOFFITS TO BE 2" BELOW LOWEST ADJACENT CEILING HEIGHT, TYPICAL, UNLESS NOTED OTHERWISE. COORDINATE WITH R.C.P.

A. CONTRACTOR TO VERIFY ALL PREVIOUSLY INSTALLED CONSTRUCTION CONDITIONS PRIOR TO FABRICATION OR STARTING OF CEILING CONSTRUCTION.

B. LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, GENERAL ALARM/SPEAKERS/STROBES, AND MISC. DEVICES SHALL BE CENTERED IN THE CEILING TILES IN WHICH THEY OCCUR, UNO. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS. REFER TO MECHANICAL AND ELECTRICAL FOR LOCATION.

C. SPRINKLER HEADS SHALL BE LOCATED IN CENTER ZONE OF CEILING TILE. ALL CORRIDOR SPRINKLER HEADS SHALL BE ALIGNED IN THE SAME LOCATION PARALLEL TO THE WALL WITHIN EACH SPECIFIC CEILING CONSTRUCTION.

D. PREP, PATCH, AND REPAIR EXISTING CEILINGS TO REMAIN AS NECESSARY TO RECEIVE NEW WORK. EXISTING DRYWALL CEILINGS TO REMAIN TO RECEIVE SKIM COAT AND REFINEMENT TO LEVEL '5' FINISH.

E. PROVIDE ACCESS PANELS IN ROOMS WITH GYPSUM BOARD WALLS AND CEILINGS AT DUCT DAMPER CONTROLS, DUCT MOUNTED SMOKE DETECTORS, MANUAL DUCT CONTROLS, VALVES, JUNCTION BOXES, FCU'S AND ANY RELATED DEVICES AS REQUIRED. COORDINATE LOCATIONS WITH ARCHITECT DURING COORDINATION DRAWING PROCESS.

F. SEAL ALL TRANSITIONS AND EDGES COMPLETE WITH WHITE CAULK TO MATCH THE CEILINGS AND MEET RATING. SEE FINISH LEGEND AND FINISH SCHEDULE FOR CEILING TYPES AND MATERIALS.

GENERAL FINISH AND ELEVATION NOTES

A. GC SHALL PROVIDE A SUBMITTAL BOOK TO INCLUDE MANUFACTURERS PRODUCT DATA AND SPECIFICATIONS INCLUDING ALL FLAME SPREAD INFORMATION FOR ALL FINISHES AND MATERIALS.

B. SUBMIT FINISH SAMPLES TO ARCHITECT FOR REVIEW PRIOR TO ORDERING. REFER TO SPECIFICATIONS FOR SUBMITTAL AND SCHEDULE REQUIREMENTS. MAINTAINING THE SCHEDULE IS THE RESPONSIBILITY OF THE GC AND DELAYS DUE TO SUBMITTALS IS NOT PERMISSIBLE.

C. PREP ALL SURFACES AND INSTALL ALL FINISHES PER MANUFACTURER'S WRITTEN SPECIFICATIONS AND INSTALLATION REQUIREMENTS.

D. ALL GWB SURFACES TO RECEIVE INTERIOR GYPSUM BOARD PRIMER #45 AND TWO COATS INTERIOR EGG SHELL ACRYLIC MPI #139. REFER TO MANUFACTURER SPECIFICATIONS.

E. ANY CUT, DAMAGED, OR UNSIGHTLY WALL CONDITIONS OR FINISHES AFFECTED PRIOR TO OR DURING CONSTRUCTION SHALL BE PATCHED, PRIMED, AND RECEIVE NEW FINISH FROM 'CORNER TO CORNER' WITH LEVEL '4' FINISH TO INCLUDE THE ENTIRE WALL, TRIM, AND RELATED FINISHES IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING OR REFINISHING.

F. PROTECT ALL FINISHES TO REMAIN. REPLACE/REPAIR ANY FINISHES DISTURBED BY CONSTRUCTION 'CORNER TO CORNER' IN A MANNER THAT ELIMINATES THE APPEARANCE OF PATCHING OR REPAIR.

G. ANY TIE-IN TO ADJACENT CORRIDOR FINISHES SHALL TIE IN AT LOGICAL JUNCTURES. COORDINATE FLOOR SEAMING WITH ARCHITECT WHERE NEW FLOORING ABUTS EXISTING CORRIDOR FINISH.

H. ALL VERTICAL FACES OF DRYWALL SOFFITS TO BE PAINTED AND FINISHED TO MATCH ROOM PAINT COLOR. REFER TO ELEVATIONS AND FINISH PLANS.

I. REFER TO PROJECT MANUAL AND MANUFACTURER'S SPECIFICATIONS FOR DETAILED INFORMATION REGARDING FINISH MATERIALS.
I.A. FINISHES ARE TO BE INSTALLED PER MANUFACTURER'S WRITTEN SPECIFICATIONS AND INSTALLATION REQUIREMENTS.

J. CAULK ALL EXPOSED EDGES OF LAMINATE, BACKSPLASHES, CABINETS AND COUNTERTOPS COMPLETE TO MATCH WALL FINISH COLOR. GC TO PROVIDE CAULK COLOR SAMPLES PRIOR TO ORDERING.

K. GC IS RESPONSIBLE FOR REPAIRING ANY EXISTING CONSTRUCTION OR FINISHES AFFECTED BY TEMPORARY BARRIER CONSTRUCTION.

L. REMOVE AND REINSTALL ALL ARTWORK, SIGNAGE, WALL MOUNTED ITEMS AND RELATED ITEMS SO PAINTING IS WALL TO WALL COMPLETE. PROTECT ALL ITEMS WHILE REMOVED FROM WALL. COORDINATE WITH OWNER FOR EXACT LOCATIONS.

M. ROOM NAMES AND NUMBERS FOR REFERENCE ONLY. SIGNAGE TO BE PROVIDED AND INSTALLED BY THE OWNER.

N. FURNITURE AND FIXTURES ARE SHOWN FOR REFERENCE ONLY.

O. GC TO CONFIRM WITH PAINTING AND COATING MANUFACTURER FOR APPROPRIATE PRIME AND PREP FOR ALL SURFACES SCHEDULED TO RECEIVE NEW PAINT.

P. CLEAN AND PREP SLAB WITH FLOOR PATCH AS REQUIRED WHERE NEW FLOORING IS SPECIFIED.

Q. DEEP CLEAN, REPAIR, AND/OR REPLACE FINISH FLOORING, WALL BASE, AND ACT TO REMAIN AFFECTED DURING, OR AS A RESULT, OF DEMOLITION OR CONSTRUCTION AS NEEDED TO MATCH EXISTING.

R. ALL FLOORING TRANSITIONS OCCUR AT THE CENTERLINE OF DOORS PANELS AND PER ANSI REQUIREMENTS.

S. PROVIDE ADA & ANSI 117.1 COMPLIANT THRESHOLD WHERE FLOOR CHANGES LEVEL OR MATERIAL.

T. FINISH SCHEDULE DESIGN BASED ON PLAN NORTH ORIENTATION (NOT MAGNETIC NORTH ORIENTATION).
T.A. REFER TO RENOVATION PLANS, ELEVATIONS, FINISH PLANS AND SCHEDULES.

U. COORDINATE ROUGH-IN LOCATION AND INSTALLATION WITH CASEWORK DIMENSIONS AND CLEARANCE REQUIREMENTS. REFER TO PLUMBING DRAWINGS AND VENDOR'S FINAL CASEWORK SHOP DRAWINGS.

V. CLEAN AND PREP SLAB OR EXISTING SUBFLOORING WITH FLOOR PATCH OR SELF-LEVELING MATERIAL AS REQUIRED WHERE MILLWORK HAS BEEN REMOVED AND NO FLOORING EXISTS. MAKE FLUSH WITH EXISTING FLOORING TO REMAIN.

W. PROVIDE SELF-LEVELING IN NEW AND UPDATED TOILET/BATHROOMS COMPLETE, APPROXIMATELY $\frac{1}{8}$" THROUGHOUT ROOM.

K. ALL SINK UNITS SHALL HAVE A PAPER TOWEL DISPENSER ADJACENT TO THE SINK. LOCATE PAPER TOWEL DISPENSER AS NEAR AS POSSIBLE TO LEFT OR RIGHT OF SINK. CONFIRM WITH OWNER.

GENERAL EQUIPMENT AND VENDOR COORD.

A. CONTRACTOR TO COORDINATE THE INSTALLATION AND PROVISION OF ENGINEERING ITEMS AND EQUIPMENT SHOWN THROUGHOUT THE ENGINEERING DRAWINGS AND SPECIFICATIONS, INCLUDING ANY ITEMS SHOWN FOR REFERENCE ON THE ARCHITECTURAL DRAWINGS AS: OWNER FURNISHED OWNER INSTALLED (OFOI), OWNER FURNISHED CONTRACTOR INSTALLED (OFCI), CONTRACTOR FURNISHED CONTRACTOR INSTALLED (CFCI), VENDOR FURNISHED VENDOR INSTALLED (VFVI), VENDOR FURNISHED CONTRACTOR INSTALLED (VFCI) OR NOT IN CONTRACT (NIC). ALL ENGINEERING ITEMS SHOWN ON ARCHITECTURAL ELEVATIONS. EQUIPMENT DRAWINGS AND SCHEDULES ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ENGINEERING ITEMS PER ENGINEERING DRAWINGS AND SPECIFICATIONS.
A.1 'IN THE EVENT OF PATENT AMBIGUITIES WITHIN OR BETWEEN PARTS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL: 1)PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK, OR 2) COMPLY WITH THE MORE STRINGENT REQUIREMENT, EITHER OR BOTH IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION.'

B. ARCHITECTURAL EQUIPMENT PLANS AND LAYOUTS ON ARCHITECTURAL EQUIPMENT AND FURNITURE PLANS ARE SHOWN FOR REFERENCE ONLY. UNLESS NOTED OTHERWISE, ALL ITEMS THAT ARE OFOI, OFCI, CFCI, VFVI, VFCI, ETR, OR NIC, ETC., TO BE REVIEWED WITH THE A/E TEAM IN A COORDINATION MEETING, INITIATED BY THE CONTRACTOR, PRIOR TO THE START OF WORK, REQUIRED AS NOTED IN THE SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL CONTRACT DOCUMENTS AND PROVIDE ALL ENGINEERING AND ARCHITECTURAL WORK AS INTENDED BY DRAWINGS AND SPECIFICATIONS. IT IS CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE INTENT OF THE SPECIFICATION SECTION, COMPLETE.

A. LINE TYPES AND NOTATIONS:
ALL LINE NOTATIONS SHALL CORRESPOND TO THE LEGEND OF EACH DISCIPLINE. ALL HATCHES, REFERENCE SYMBOLS AND NOTATIONS SHALL CORRESPOND TO THE LEGEND OF EACH DISCIPLINE.

B. AV/IT AND EQUIPMENT DRAWINGS AND DOCUMENTS SHALL BE PROVIDED AS PART OF THESE CONSTRUCTION DOCUMENTS OR BY THIRD PARTY VIA THE OWNER AND ARE PROVIDED AS REFERENCE FOR COORDINATION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND IMPLEMENTATION OF CONSTRUCTION AND INSTALLATION COORDINATION BASED ON THE VENDOR PROVIDED INFORMATION SPECIFIC TO THIS PROJECT AND SPECIFIC TO THE VENDORS' EQUIPMENT. CONTRACTOR SHALL PROVIDE ITEMS AS NOTED ON ALL DRAWINGS AND DOCUMENTS INCLUDED AS PART OF THESE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL COORDINATE DIRECTLY WITH EQUIPMENT VENDORS.

C. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND AV CONTRACTOR ON DELIVERY AND INSTALLATION OF THE EQUIPMENT FURNISHED BY THE OWNER AND RECEIVED BY THE GENERAL CONTRACTORS.

D. THE LOCATIONS OF ITEMS, DEVICES, INFRASTRUCTURE, MEP, SUPPORT, ETC. TO BE PROVIDED BY THE CONTRACTOR RELATIVE TO VENDOR EQUIPMENT ARE SHOWN OR REFERENCE AND SHALL BE COORDINATED WITH SHOP DRAWINGS AND MANUFACTURER'S SPECIFICATIONS PRIOR TO COORDINATION DRAWINGS AND INSTALLATION.
F.1 THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON DELIVERY AND INSTALLATION OF THE EQUIPMENT FURNISHED BY THE OWNER AND RECEIVED BY THE GENERAL CONTRACTORS. (SEE OWNER FURNISHED EQUIPMENT MANUALS AND OWNER FURNISHED VENDOR DRAWINGS).

E. PRIOR TO DEMOLITION IN EACH PHASE THE CONTRACTOR SHALL SCHEDULE A COORDINATION MEETING WITH THE OWNER AND VENDOR FOR THE RELOCATION AND REQUIREMENTS OF ALL EQUIPMENT. THE CONTRACTOR SHALL ASSIST IN THE RELOCATION AND PROVIDE CONNECTIONS, HOOK-UPS AND TESTING TO BE PERFORMED BY THE LICENSED TRADE AS REQUIRED. REFER TO SPECIFICATIONS, EQUIPMENT SPECIFICATIONS AND MEP DOCUMENTS.

F. THE CONTRACTOR SHALL SCHEDULE A ROUGH-IN INSPECTION WITH THE OWNER FOR EACH TYPICAL SPACE TO REVIEW LOCATIONS AND COORDINATION WITH ALL EQUIPMENT AND APPLIANCES.

GENERAL PARTITION NOTES

A. IF NOT NOTED OTHERWISE INTERIOR WALLS ARE TYPE '3'.

B. WALL TYPES AND TYPICAL ASSEMBLIES ARE SHOWN FOR REFERENCE AND INDICATE ACHIEVABLE FIRE RATINGS. REFER TO FIRE AND LIFE SAFETY PLAN AND R.C.P. FOR GENERAL EXTENT OF RATING LOCATIONS. REFER TO SPECIFICATIONS, FIRE-STOPPING AND ASSEMBLY REPORTS AND TESTED INSTALLATION INSTRUCTIONS FOR REQUIREMENTS TO MEET RATINGS AND ACOUSTICAL REQUIREMENTS.

C. ALL GYPSUM WALL BOARD TO BE MOLD, MILDEW AND MOISTURE RESISTANT TYPE 'X' UNLESS OTHERWISE NOTED. PROVIDE MANUFACTURER'S PROPRIETARY TYPE 'X' GYPSUM BOARD CORE (MEETING THE DESIGNATED FIRE REFERENCE LISTED) WHERE PARTITION IS INDICATED TO BE FIRE RATED ON LIFE SAFETY PLANS. RATED PARTITION TO MEET CONSTRUCTION REQUIREMENTS OF FIRE RATING REFERENCE LISTED.

D. REFER TO FINISH SCHEDULE FOR LOCATIONS OF APPLIED FINISHES (SUCH AS SOLID SURFACING, WALL PROTECTION, ETC.) THAT MAY AFFECT THE PARTITION SURFACE AND CONSTRUCTION REQUIREMENTS.

E. ALL WALLS TO GO TO DECK AND SHALL BE SEALED COMPLETE, UNLESS MARKED WITH [A]. ALL PARTITIONS NOT GOING TO DECK TO BE A MINIMUM OF 6" ABOVE CEILING, UNLESS NOTED OTHERWISE. REFER TO TYPICAL PARTITION DETAILS.

F. PROVIDE ACOUSTICAL BACKER PAD ON ALL SIDES OF RECEPTACLES, AV/IT BOXES, MOUNTING KITS, ETC. REFER TO TECHNOLGY DRAWING, AV/IT AND SPECIFICATIONS. **RECEPTACLES, BOXES, SWITCHES, ETC. SERVING ADJACENT SPACES SHALL NOT BE PLACED BACK-TO-BACK; BUT RATHER IN SEPARATE STUD CAVITIES UNLESS RESTRICTED BY CLEARANCES OR EQUIPMENT.**

G. CUT ALL GWB LAYERS TIGHT TO BUILDING STRUCTURE.

H. INSTALL INNER AND OUTER GWB LAYERS AT 90 DEGREES TO ONE ANOTHER.
H.A. INNER LAYER: SEAL MID-WALL JOINTS WITH A NON-HARDENING SOUND SEALANT.
H.B. OUTER LAYER: TAPE AND MUD MID-WALL JOINTS.

I. COORDINATE REQUIRED SEALANTS AND CAULK PER UL AND RATING REQUIREMENTS FOR RATED CONDITIONS. REFER TO UL AND SPECIFICATIONS.

J. SEE F&LS PLAN FOR PARTITIONS REQUIRED TO BE SMOKE AND/OR FIRE RATED.

K. FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, SMOKE PARTITIONS AND/OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE LEGIBLY AND PERMANENTLY IDENTIFIED WITH MECHANICALLY ATTACHED SIGNS OR STENCILING. BEGIN NEW SERIES FROM ALL CORNERS OR ROOM TRANSITIONS. IDENTIFICATIONS SHALL BE STENCILED PER IBC 2021, TO READ SIMILARLY AS FOLLOWS: "1-HR SMOKE BARRIER - PROTECT ALL OPENINGS", "SMOKE PARTITION - PROTECT ALL OPENINGS", ETC. SUCH IDENTIFICATION SHALL:
K.A. BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES;
K.B. BE LOCATED WITHIN 15' OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30' MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; AND TRANSITIONS.

L. PROVIDE BRACING AT 48" O.C. MAXIMUM ABOVE THE CEILING TO STRUCTURAL FRAMING WHERE PARTITION EXCEEDS THE MAXIMUM UNBRACED HEIGHT. INSURE INTEGRITY OF FIRE AND SOUND RATINGS OF PARTITION IF BRACING PENETRATES PARTITION SURFACE.

M. PROVIDE 16 GAUGE SHEET METAL OR 3/4" PLYWOOD SHEET BLOCKING BEHIND ALL WALL MOUNTED ITEMS AND ACCESSORIES COMPLETE. INCLUDING CASEWORK, COAT HOOKS, SHELVES, WALL STOPS, ACCESSORIES, 'NIC' AND/OR OWNER PROVIDED ITEMS. COORDINATE BLOCKING REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS, WEIGHT AND FIXTURE MOUNTING HEIGHT AND LOCATION. PROVIDE SHOP DRAWINGS FOR REVIEW.

N. PROVIDE FIRE CAULK SEALANT AND/OR UL RATED/LABELED FIRE-STOPPING AT ALL PENETRATIONS THRU FIRE RATED CONSTRUCTION. FIRE CAULK RATING SHALL MATCH RATED SYSTEM BEING PENETRATED. PROVIDE APPROVED BACKER/FILLER MATERIAL AS REQUIRED. CONTRACTOR SHALL PROVIDE ITEMIZED LIST INCLUDING LOCATION OF ALL CAULKING AND FILLER MATERIAL, WITH U.L. SYSTEM DESIGN NUMBER FOR ARCHITECT'S APPROVAL.

O. ACOUSTICAL SEALANT IS REQUIRED AT THE FULL PERIMETER OF ALL PARTITIONS ALONG METAL STUDS AT FLOOR, WALL AND CEILING JUNCTIONS.

P. ALL MATERIALS AND MANUFACTURED SYSTEMS INCLUDING BUT NOT LIMITED TO WATERPROOFING SUBSTRATE SYSTEMS, SHALL BE ATTACHED AND INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. ATTACHMENTS INCLUDE BUT ARE NOT LIMITED TO SPOT BONDING TO MASONRY SUBSTRATES AND SPECIALIZED SCREW AND WASHERS TO STUD FRAMING.

Q. ALL RATED PARTITIONS SHALL EXTEND FROM THE FLOOR TO UNDERSIDE OF DECK OR RATED ASSEMBLY ABOVE. ALL PENETRATIONS THROUGH AND EDGES OF PARTITIONS SHALL ALLOW FOR APPROPRIATE DEFLECTION AND MOVEMENT OF ADJACENT MATERIALS AND RESULTING SPACES PROPERLY FILLED WITH FIRE SAFING INSULATION AND/OR SEALED TO MAINTAIN THE RATING INTEGRITY IN ACCORDANCE WITH A TESTED ASSEMBLY.

R. ALL NON-RATED PARTITIONS EXTENDING ABOVE THE CEILING SHALL BE FIRE-STOPPED AT THE TOP OF THE PARTITION WITH NON-COMBUSTIBLE MATERIALS. (I.E. STEEL STUD RUNNER) ALL PENETRATIONS OF THIS MATERIAL SHALL BE SEALED. NON-RATED PARTITIONS IN AREAS WITH ACOUSTICAL TILE CEILINGS SHALL EXTEND TO BOTTOM OF DECK ABOVE.

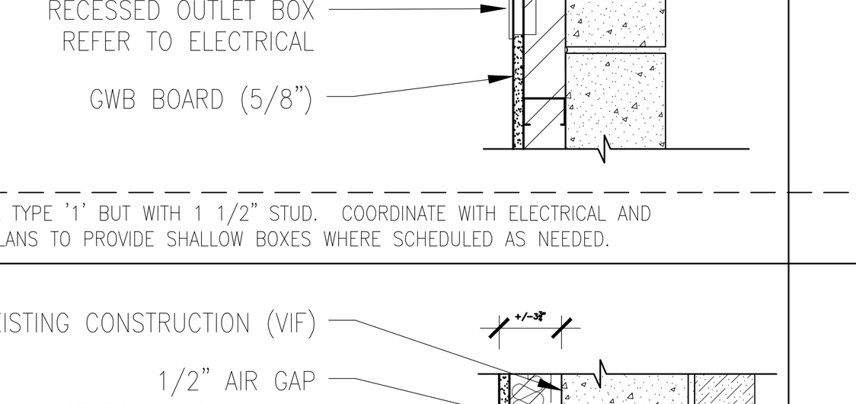
PARTITION TYPES

UL REFERENCE AND ACHIEVABLE RATING

METAL STUD PARTITION TYPES:

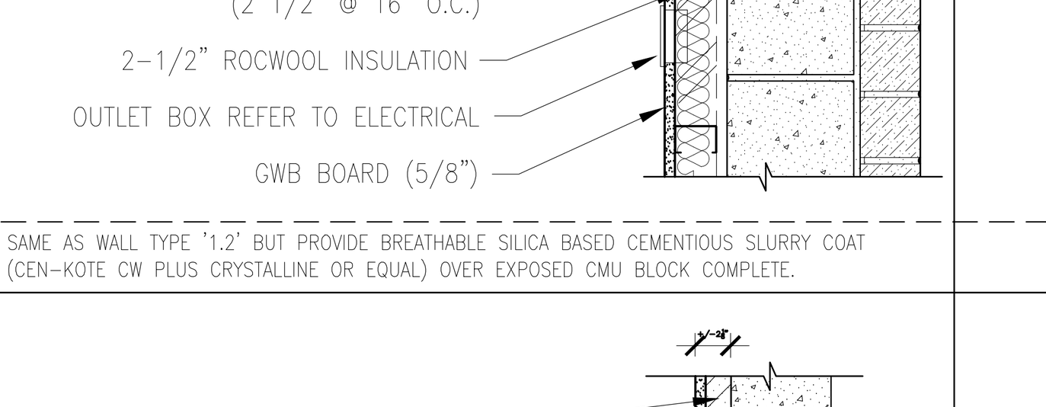
1. SEE F&LS PLAN FOR PARTITIONS REQUIRED TO BE SMOKE AND/OR FIRE RATED.
2. PARTITIONS TO EXTEND TO DECK ABOVE AND BE SEALED U.N.O.
3. ALL FINISH FACES OF COPLANAR PARTITION TYPES SHALL ALIGN. THERE SHALL BE NO JOGGING OR BUILD OUTS.

1



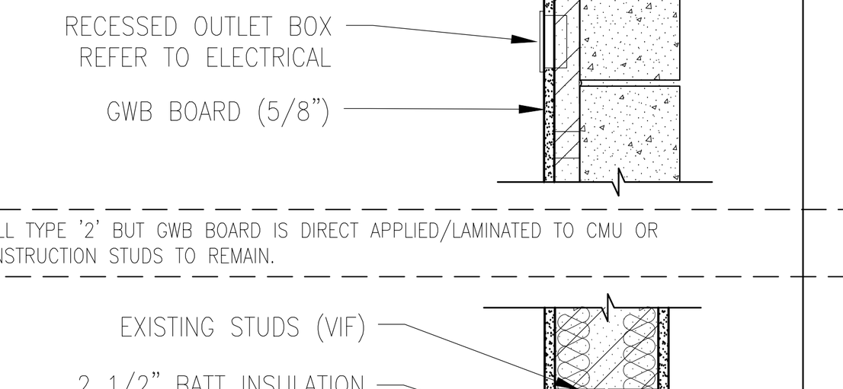
1.1 SAME AS WALL TYPE '1' BUT WITH 1 1/2" STUD. COORDINATE WITH ELECTRICAL AND RENOVATION PLANS TO PROVIDE SHALLOW BOXES WHERE SCHEDULED AS NEEDED.

1.2



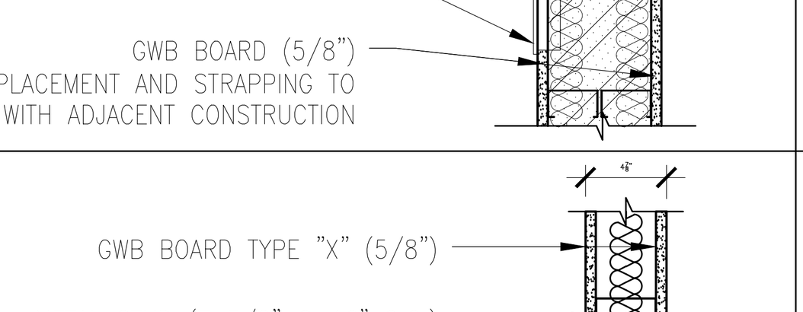
1.3 SAME AS WALL TYPE '1.2' BUT PROVIDE BREATHABLE SILICA BASED CEMENTIOUS SLURRY COAT (CEN-KOTE CW PLUS CRYSTALLINE OR EQUAL) OVER EXPOSED CMU BLOCK COMPLETE.

2

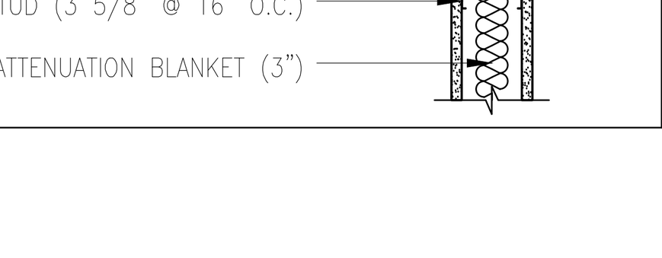


2.1 SAME AS WALL TYPE '2' BUT GWB BOARD IS DIRECT APPLIED/LAMINATED TO CMU OR EXISTING CONSTRUCTION STUDS TO REMAIN.

2.2



3



1HR (UL U465)
(SEE F&LS FOR RATINGS)
47 STC (SA800422)

MIDLANDS TECHNICAL COLLEGE

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CONSULTANT & SEALS

MTC SALUDA HALL
VBPA RENOVATION AIRPORT CAMPUS
CONSTRUCTION DOCUMENTS - OSE REVIEW

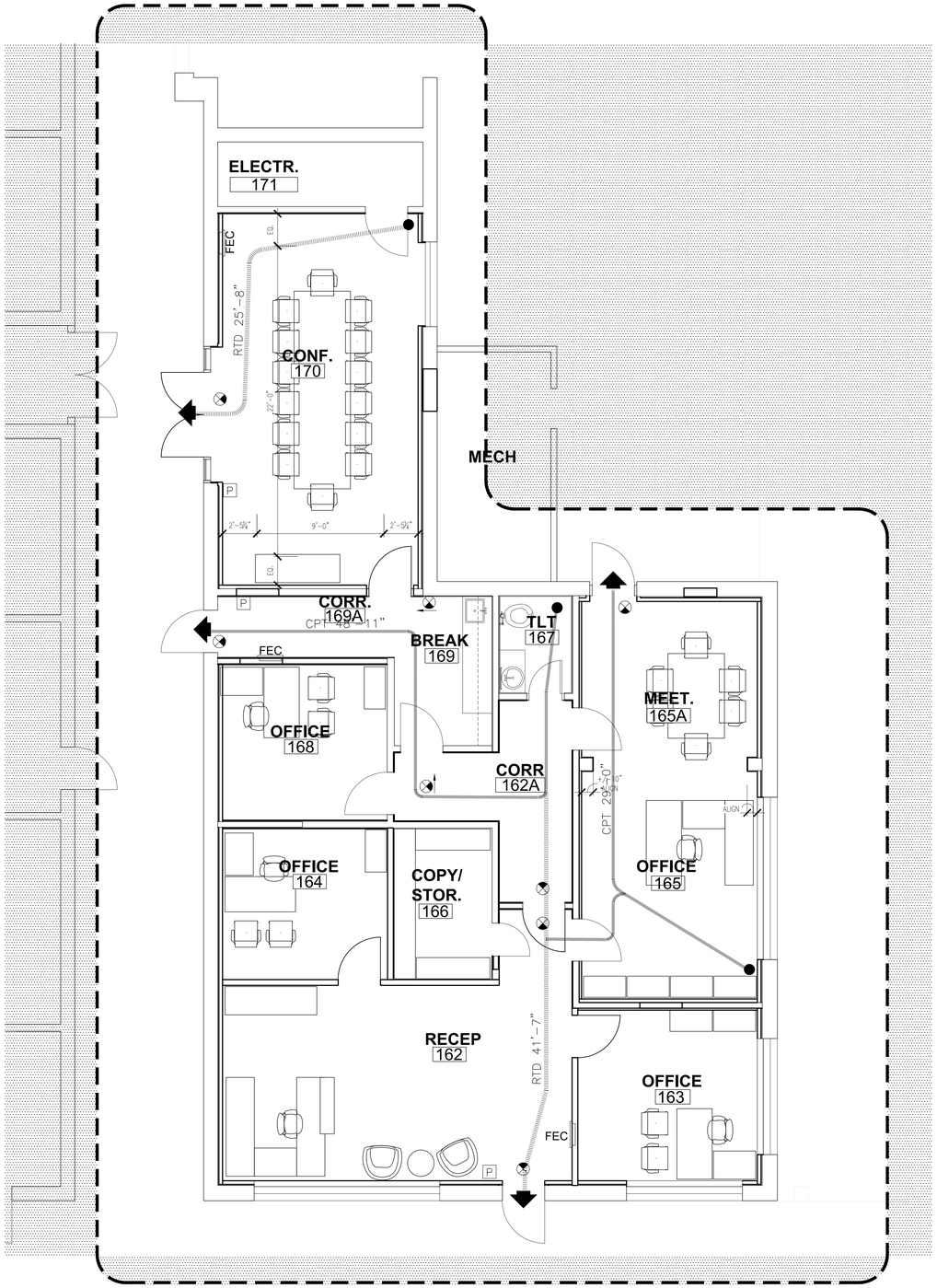
Internal Project Number: TBD

No.	Revision/Issue	Date

GENERAL NOTES AND TYPICAL PARTITIONS

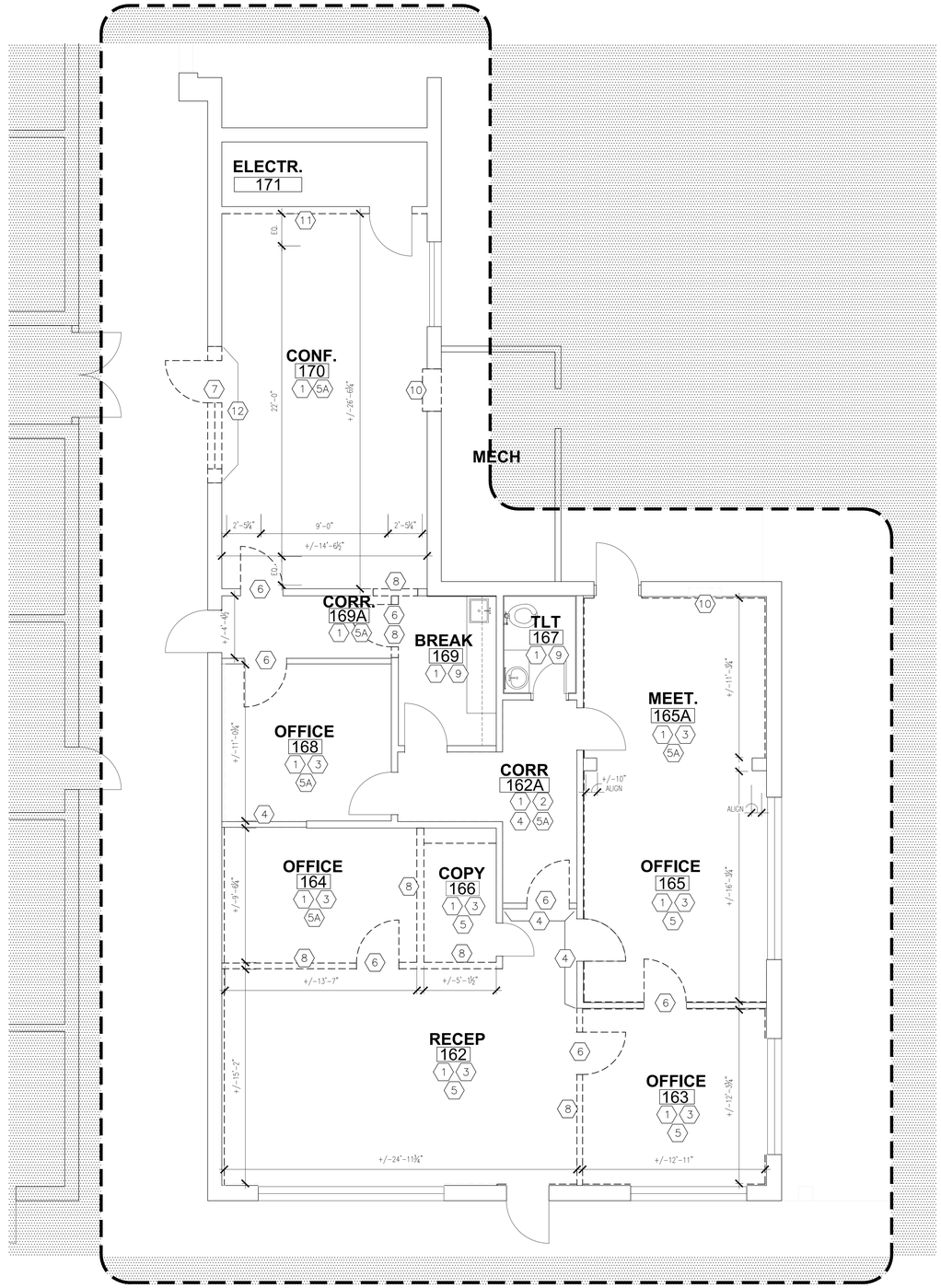
Date: 07.18.25
Drawn: JB
Checked: MEC

G002



A1 FIRE & LIFE SAFETY PLAN

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



A2 DEMOLITION PLAN

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

0 KEYED DEMOLITION NOTES

1. REMOVE CEILING GRID AND ALL ABANDONED HANGERS AND WIRES COMPLETE. FINISH ACT REMOVED PRIOR TO PROJECT BY OWNER'S ABATEMENT CONTRACTOR.
2. REMOVE WOOD FURRING AND BLOCKING ABOVE FINISH CEILING COMPLETE AND PROVIDE NEW HANGERS TO SUPPORT ALL TRADES INDEPENDENTLY.
3. REMOVE WOOD FURRING/STUDS 'CORNER TO CORNER' COMPLETE. LIGHT DASH INDICATES EXISTING GWB/WALL FINISH REMOVED PRIOR TO PROJECT BY OWNER'S ABATEMENT CONTRACTOR.
4. EXISTING FURRING AND/OR STUDS EXISTING TO REMAIN COMPLETE. LIGHT DASH INDICATES EXISTING GWB/WALL FINISH REMOVE PRIOR TO PROJECT BY OWNER'S ABATEMENT CONTRACTOR.
5. REMOVE FINISH FLOOR, WALL BASE, SUBSTRATES AND ADHESIVES COMPLETE TO SUBFLOOR. FINISH FLOOR REMOVED PRIOR TO PROJECT BY OWNER'S ABATEMENT CONTRACTOR.

5A. REMOVE WALL BASE, SUBSTRATES AND ADHESIVES COMPLETE TO SUBFLOOR. FINISH FLOOR REMOVED PRIOR TO PROJECT BY OWNER'S ABATEMENT CONTRACTOR.

6. REMOVE DOOR, FRAME, HARDWARE AND PORTION OF ADJACENT WALL COMPLETE TO ACCOMMODATE NEW WORK. COORDINATE EXTENT WITH RENOVATION.
7. REMOVE EXISTING STOREFRONT AND DOOR SYSTEM COMPLETE. COORDINATE WITH RENOVATION DRAWINGS.
8. REMOVE PORTION OF WALL/EXISTING CONSTRUCTION COMPLETE AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. LIGHT DASH INDICATES EXISTING GWB/WALL FINISH REMOVED PRIOR TO PROJECT BY OWNER'S ABATEMENT CONTRACTOR. DASHED LINES INDICATE APPROXIMATE AREA OF REMOVAL, COORDINATE EXTENT WITH RENOVATION PLANS.
9. EXISTING FINISH FLOOR, BASE AND CASEWORK TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION. REFER TO FINISH SCHEDULE AND PLAN FOR EXTENT OF WALL FINISHES.
10. REMOVE PORTION OF DAMAGED/CUT BLOCK AS NEEDED TO TOOTH-IN BLOCK INFILL, APPROXIMATELY '4' BLOCKS.
11. REMOVE FINISH LAYER OF GWB DAMAGED BY ABATEMENT.
12. REMOVE PORTION OF BLOCK AS NEEDED TO PROVIDE STOREFRONT HEADER AND GLAZING.

LEGEND

- AREA OF RENOVATION
- EXISTING AREA NOT IN SCOPE OF WORK
- CONSTRUCTION (GWB AND FINISHES) REMOVED BY ABATEMENT
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW WALL CONSTRUCTION
- EXISTING LOWER CASEWORK
- EXISTING UPPER CASEWORK CONSTRUCTION
- REMOTE TRAVEL DISTANCE
- COMMON PATH OF TRAVEL
- EXIT SIGN (REFER TO ELECTRICAL)
- EXIT DIRECTIONAL SIGN (REFER TO ELECTRICAL)
- FEC NEW FIRE EXTINGUISHER & CABINET LOCATION
- CR CARD READER ACCESS (REFER TO ELECTRICAL)
- P PULL LOCATION (REFER TO ELECTRICAL)

MIDLANDS TECHNICAL COLLEGE

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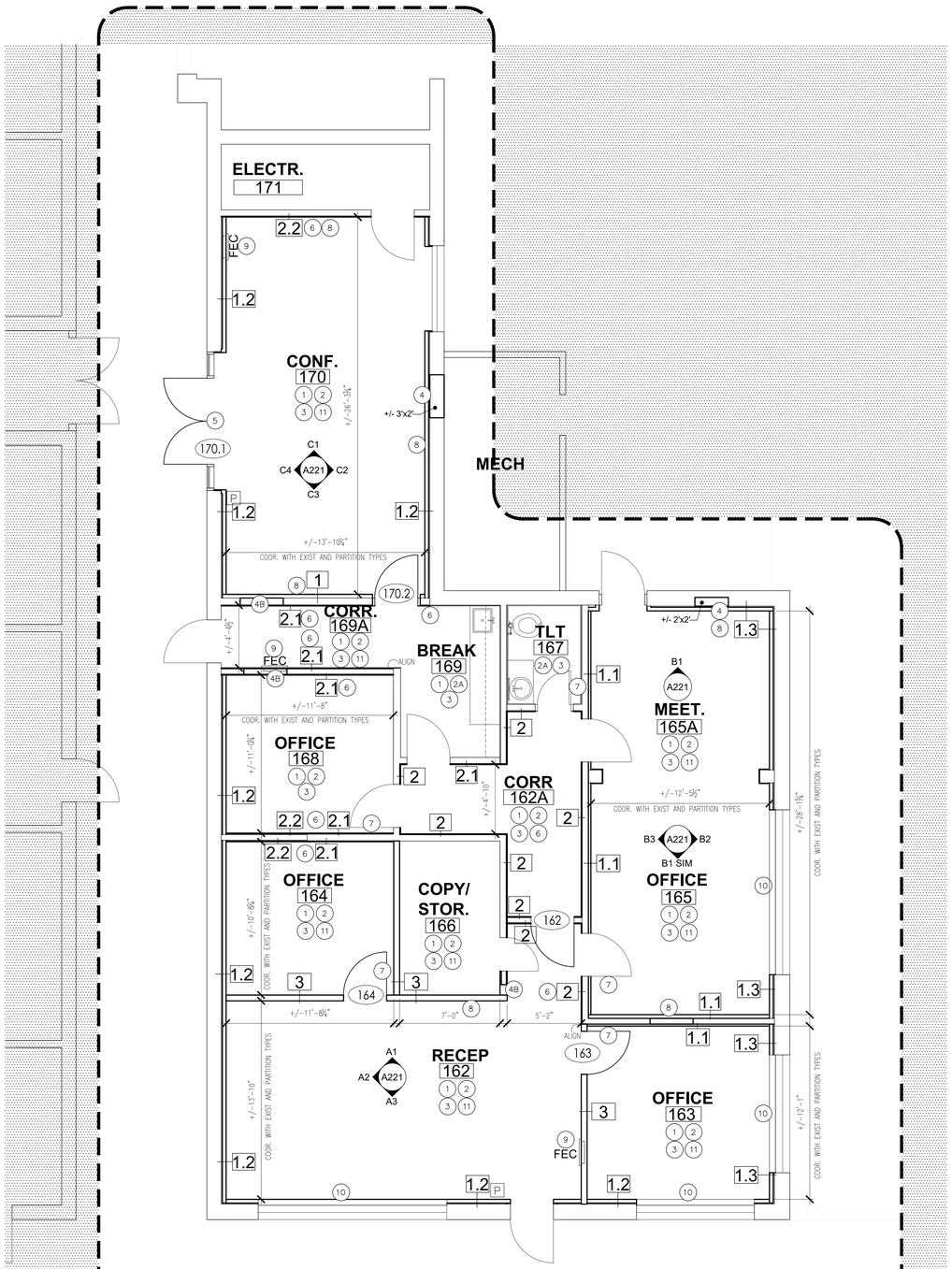
FIRE & LIFE SAFETY
AND
DEMOLITION PLANS

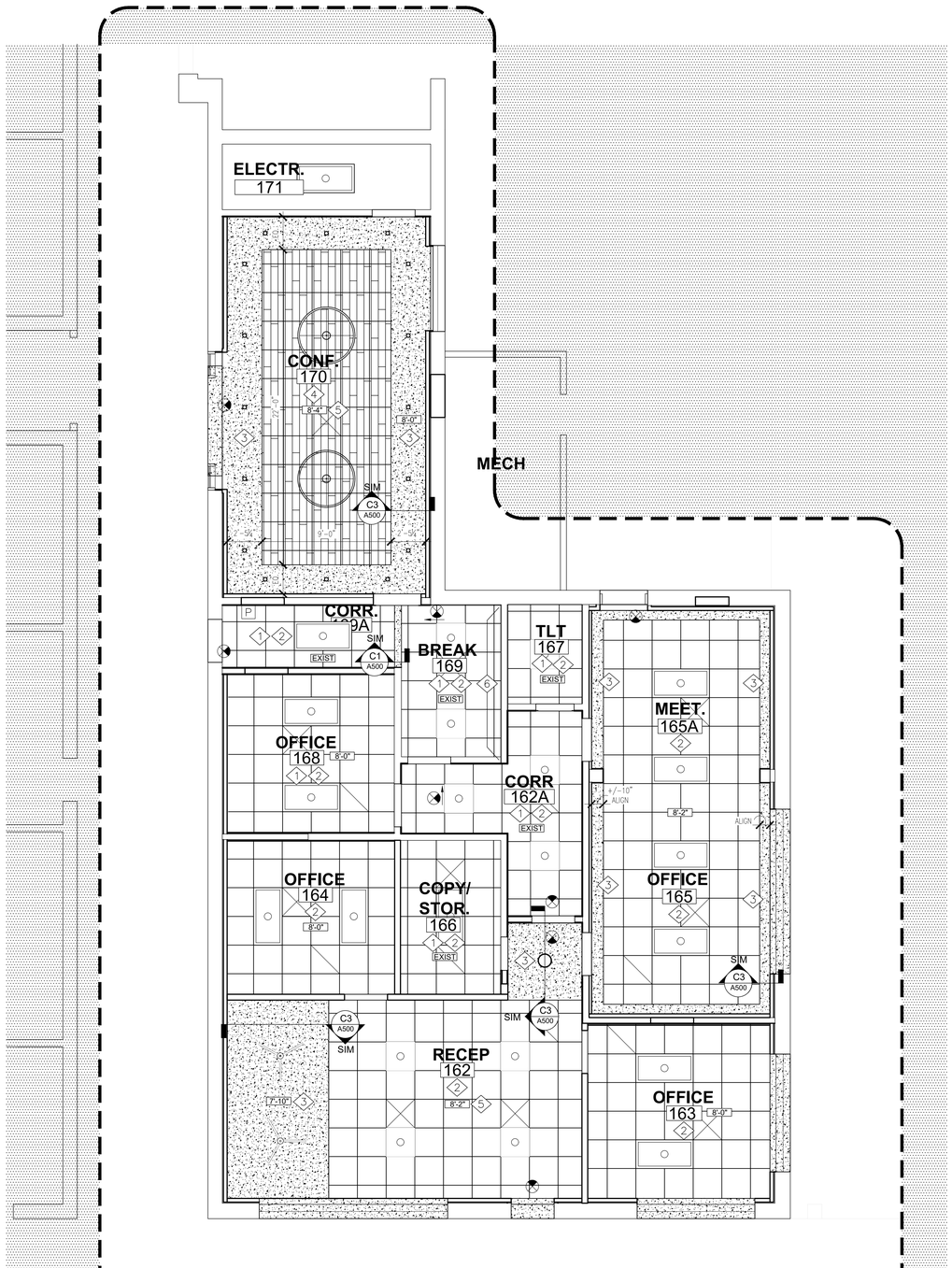
Date: 07.18.25
Drawn: JB
Checked: MEC

AD100



A1 RENOVATION PLAN

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



A2 RENOVATION R.C.P

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

0 KEYED RENOVATION NOTES

1. PROVIDE WALL FINISHES. COORDINATE ALL NECESSARY BLOCKING WITH ACCESSORIES, FIXTURES, ETC. REFER TO FINISH PLANS, ELEVATIONS, AND DETAILS.
2. PATCH, LEVEL, AND PREP SLAB FOR RECEIPT OF NEW FINISH FLOOR PER MANUFACTURER'S WRITTEN SPECIFICATIONS. PROVIDE FINISH FLOOR AND BASE COMPLETE. REFER TO FINISH PLAN AND SCHEDULE.
- 2A. DEEP CLEAN FINISH FLOOR AND BASE TO REMAIN AND PROTECT THROUGH-OUT CONSTRUCTION. PROVIDE NEW CAULK TO MATCH EXISTING COLOR AT ALL TRANSITION. COORDINATE TRANSITIONS FROM NEW TO EXISTING WITH FINISH PLANS.
3. PROVIDE FINISH CEILING COMPLETE. REFER TO R.C.P AND FINISH SCHEDULE.
4. INFILL CMU BLOCK WALL CONSTRUCTION (APPROXIMATELY 18 SF AT EACH LOCATION) TO MATCH EXISTING CONSTRUCTION AND DEPTH FOR FLUSH FINISH ALL SIDES. TOOTH IN FULL BLOCKS. PATCH, PRIME AND REFINISH 'CORNER TO CORNER' IN A MANNER THAT ELIMINATES THE APPEARANCE OF PATCHING OR REFINISHING. REFER TO ELEVATIONS, FINISH PLANS AND SCHEDULE.
- 4A. NOT USED.
- 4B. INFILL WALL CONSTRUCTION WITH 16GA STUDS AND GWB COMPLETE. ADJUST STUDS TO ALIGN GWB CORNER TO CORNER, NO JUT-OUTS OR OPEN SEAMS.
5. PROVIDE STOREFRONT DOOR AND GLASS SYSTEM AND FRAMING. PORVIDE NEW HEADER BLOCKING, FLASHING AND WATERPROOFING COMPLETE. REFER TO MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR BRACING AND WATERPROOFING DETAILS.
6. LAMINATE CONCRETE/MASONRY WITH DIRECT APPLIED GWB TO COORDINATE WITH ADJACENT NEW WALL AND/OR FUR-OUT. SKIM, PATCH, PRIME AND PAINT COMPLETE CORNER TO CORNER FOR SMOOTH FINISH.
7. PROVIDE ROBE HOOK AT THE BACK OF OFFICE DOORS COMPLETE. REFER TO TYPICAL HEIGHTS AND ACCESSORIES.
8. REFER TO TYPICAL HEIGHTS AND BLOCKING DIAGRAM FOR MINIMUM BLOCKING TO BE PROVIDED AT EACH MONITOR LOCATION.
9. PROVIDE FIRE EXTINGUISHER AND CABINET COMPLETE. REFER TO TYPICAL ACCESSORIES AND MOUNTING HEIGHTS.\
10. PROVIDE 1/2" SOLID SURFACE SILL (SS-1) CORNER TO CORNER COMPLETE AND CAULK ALL TRANSITIONS ALL SIDES. REFER MATERIAL LEGEND.
11. REWORK/REPLACE ALL CONDUIT TO RECESS BOXES AND ENCLOSE IN NEW AND FURRED WALLS. REFER TO ELECTRICAL DRAWINGS.

0 KEYED R.C.P. NOTES

1. PROVIDE NEW HORIZONTAL MEMBRANE (5/8" USG FIRECODE 'C' GYPSUM PANELS, REF USG AER-09038, OR EQUAL) ACROSS EXISTING FRAMING/STRUCTURE ABOVE COMPLETE, WHERE EXISTING MEMBRANE IS NO LONGER INTACT. ADJUST EXISTING MEP TO ACCOMMODATE NEW MEMBRANE AND PROVIDE NEW HANGERS.
2. PROVIDE CEILING GRID SYSTEM AND ACOUSTICAL TILE COMPLETE TO MEET SEISMIC REQUIREMENTS. REFER TO TYPICAL CEILING AND SEISMIC NOTES AND DETAILS. COORDINATE LAYOUT WITH REFLECTED CEILING PLAN AND MEP DRAWINGS TO PREVENT SLIVERS.
3. PROVIDE GWB SOFFIT GRID SYSTEM WITH 1/2" NON-SAG GYPSUM BOARD RATED FOR HORIZONTAL INSTALLATION COMPLETE. REFER TO SPECIFICATIONS.
4. PROVIDE ACCENT CEILING AND GRID SYSTEM COMPLETE PER MANUFACTURER'S SPECIFICATIONS AND TESTED DETAILS TO MEET SEISMIC REQUIREMENTS. PROVIDE HINGED ACCESS CLIPS WHERE REQUIRED, COORDINATE EXACT LOCATION WITH MEP DRAWINGS. REFER MATERIAL LEGEND AND SPECIFICATIONS.
5. COORDINATE WITH MEP TO MAXIMIZE CEILING HEIGHTS.
6. INFILL BLOCK TO MATCH EXISTING CORNER TO CORNER APPROXIMATELY 2' HIGH COMPLETE, GROUT, CAULK AND SEAL AT HORIZONTAL MEMBRANE COMPLETE.

LEGEND

- AREA OF RENOVATION
- EXISTING AREA NOT IN SCOPE OF WORK
- NEW WALL CONSTRUCTION
- EXISTING LOWER CASEWORK
- EXISTING UPPER CASEWORK CONSTRUCTION
- NEW LAY-IN ACOUSTICAL CEILING TILE
- NEW GWB CEILING/SOFFIT
- NEW LAY-IN VENEER ACOUSTICAL CEILING PLANK
- X'-X" CEILING HEIGHT
- EXIST MATCH EXISTING CEILING HEIGHT
- 4" RECESSED CAN LIGHT FIXTURE
- CEILING MOUNTED LIGHT FIXTURE
- LED CHANDELIER
- LED CHANDELIER
- 2x2 LED LIGHT FIXTURE
- 2x4 LED LIGHT FIXTURE
- SUPPLY DIFFUSER
- EXHAUST/RETURN DIFFUSER
- SIGN. REFER TO PME
- DIRECTIONAL EXIT SIGN. REFER TO PME

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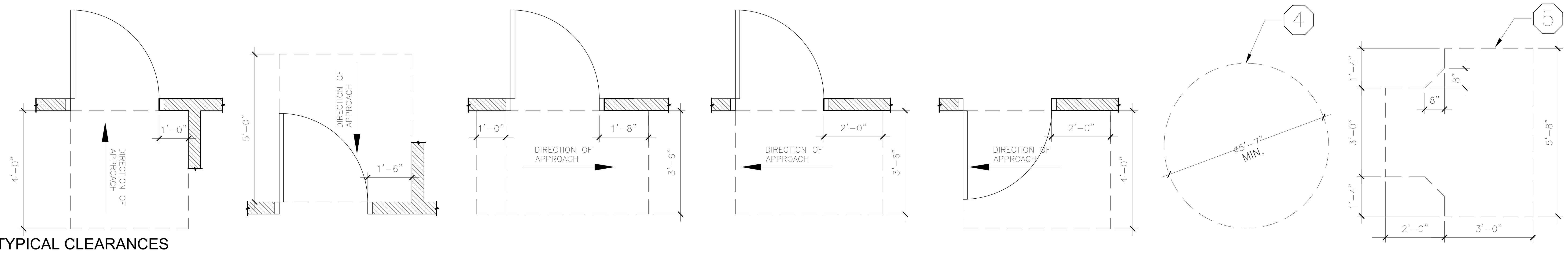
RENOVATION PLAN
AND
RENOVATION R.C.P

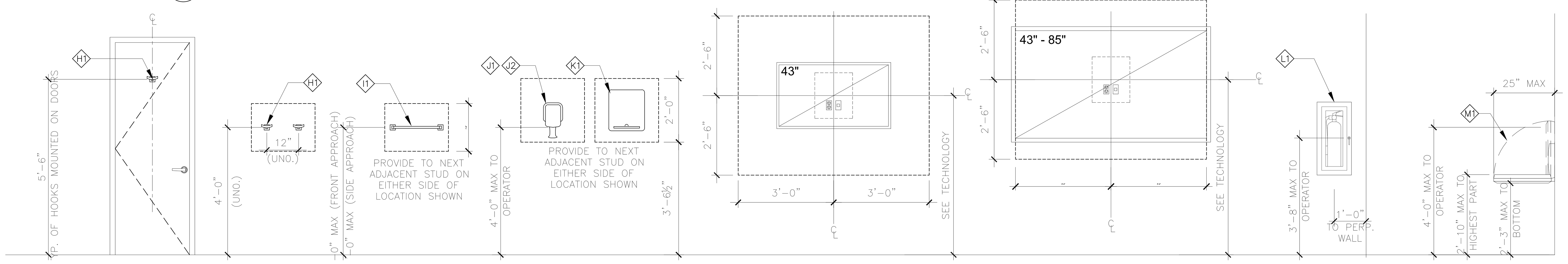
Date:	07.18.25	A101
Drawn:	JB	
Checked:	MEC	

COORDINATE ALL TRADES WITH ADA AND ANSI CLEARANCE REQUIREMENTS. ALL TOILET ROOMS, BLOCKING, ACCESSORIES AND MEP TO BE LAID OUT PRIOR TO ROUGH-IN. COORDINATE WITH ALL TRADES AND IF ANY DISCREPANCIES ARE FOUND GC TO NOTIFY ARCHITECT IMMEDIATELY. BLOCKING SHALL BE PROVIDED FOR ALL WALL MOUNTED CABINETS, COAT HOOKS, SHELVES, EQUIPMENT, ACCESSORIES, DISPENSERS AND RELATED ITEMS, INCLUDING 'NIC' AND/OR OWNER PROVIDED ITEMS. REFER TO GENERAL NOTES, PLANS, DETAILS AND ELEVATIONS.



D1 TYPICAL CLEARANCES

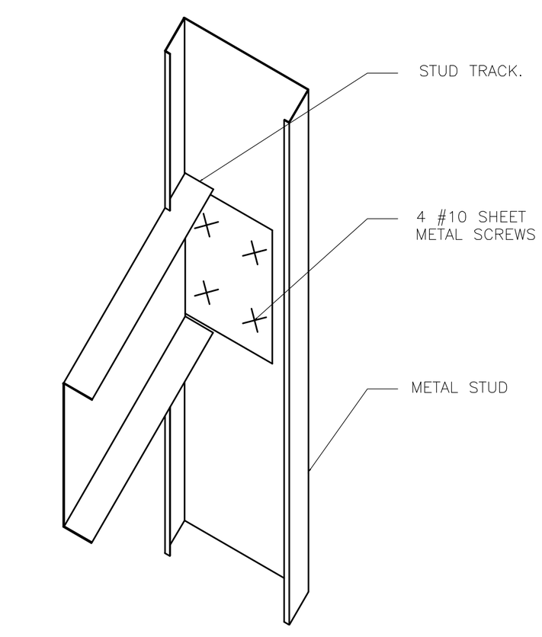
SCALE: 1/2" = 1'-0"



B1 TYPICAL MOUNTING HEIGHTS AND BLOCKING

DASH AREA INDICATES APPROXIMATE MINIMUM BLOCKING FOR REFERENCE ONLY

SCALE: 1/2" = 1'-0"



NOTES:

1. THESE ANCHORING DETAILS ARE SHOWN AS TYPICAL AND ARE NOT INTENDED TO BE ALL INCLUSIVE. PROVIDE METAL BACKING IN PARTITIONS FOR WALL HUNG ITEMS, SUCH AS WALL CABINETS, BUILDING ACCESS, RESTROOM ACCESS, SHELVING, DOOR HOLD-OPENS, DOOR STOPS, ETC.
2. THE FOLLOWING ASSUMED LOADS SHALL BE USED TO DETERMINE BLOCKING AND FASTENER REQUIREMENTS UNLESS IF GREATER LOADS ARE KNOWN.

- WALL CABINETS. USE WEIGHT OF CABINET PLUS 100 LBS. PER FOOT OF SHELF.
- COUUNTERTOPS. USE WEIGHT OF COUNTERTOP PLUS 55 LBS. PER FOOT OF COUNTER
- 12" ADJ. SHELVES. USE 83 LBS. PER BRACKET.
- 18" ADJ. SHELVES. USE 55 LBS. PER BRACKET.

NOTES:

1. SEE TABLE 1 BELOW FOR QUANTITY AND SIZE OF SCREWS FOR CONNECTION OF WALL HUNG ITEMS, IF NOT ALREADY PROVIDED BY MANUFACTURER OF WALL HUNG ITEM.

TABLE 1

MAXIMUM ALLOWABLE LOAD (IN POUNDS)

SCREW SIZE	QUANTITY OF SCREWS			
	2	3	4	5
#6-S12	224#	336#	448#	560#
#18-18	236#	354#	472#	590#
#10-16	272#	438#	584#	700#
#12-14	288#	438#	576#	700#

LOADS BASED ON PUBLISHED DATA FOR MILCOR TITELOCK SCREWS WITH 20 GA. GALVANIZED STEEL BACKING AND
LIMITING CRITERIA BEING PULLOUT STRENGTH.

B2 TYPICAL BLOCKING

SCALE: NTS

GENERAL NOTES

A. FIXTURES CAN NOT OVERHANG ANOTHER FIXTURE'S MINIMUM CLEAR SPACE.

B. VERIFY ALL DIMENSIONS AND CLEARANCES OF FINAL FIXTURE SELECTIONS. CONFIRM MINIMUM CLEARANCES ARE MET PRIOR TO ORDERING AND INSTALLATION.

C. 4'-0" X 2'-6" MIN. REQUIRED CLEAR SPACE. ADDITIONALLY REQUIRED IF DOOR SWINGS INTO ANY FIXTURE CLEAR SPACE OR TURNING RADIUS.

D. PROVIDE A MINIMUM 16 GAUGE SHEET METAL OR 3/4" PLYWOOD BLOCKING FOR ALL WALL MOUNTED CABINETS, COAT HOOKS, SHELVES, EQUIPMENT, ACCESSORIES, DISPENSERS AND RELATED ITEMS, INCLUDING 'NIC' AND/OR OWNER PROVIDED. COORDINATE WITH OWNER AND ARCHITECT FOR ALL SUPPLEMENTAL BLOCKING. SPECIAL BLOCKING CONDITIONS IDENTIFIED AT MOUNTED ACCESSORIES ARE FOR ADDITIONAL REFERENCE AND DO NOT NEGATE GENERAL REQUIREMENTS FOR TYPICAL BLOCKING.

DETAIL & CLEARANCE LEGEND

TAG	DESCRIPTION
1	NOT USED
2 3	NOT USED
4	CIRCULAR TURNING SPACE 5'-7" MIN. TURNING DIAMETER. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306
5	SECONDARY OPTION FOR TURNING SPACE SHALL BE T-SHAPED SPACE WITHIN 68" MINIMUM SQUARE, WITH ARMS AND BASE 36" MINIMUM IN WIDTH. EACH ARM OF THE 'T' SHALL BE CLEAR OF OBSTRUCTIONS 16" MINIMUM IN EACH DIRECTION. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM.

X0 ROOM ACCESSORIES

1. ACCESSORIES SHOWN AS BASIS OF DESIGN. GC TO VERIFY UNIVERSITY STANDARD AND SUBMIT PRODUCT DATA TO OWNER AND ARCHITECT PRIOR TO ORDERING. COORDINATE ALL OWNER FURNISHED ITEMS WITH OWNER PRIOR TO INSTALLATION.

2. SEE ELEVATIONS FOR DIMENSIONED LOCATIONS, ADDITIONAL INFORMATION AND MOUNTING HEIGHTS.

TAG	FURNISH/ INSTALL	DESCRIPTION
A1		NOT USED
B1		NOT USED
C1		NOT USED
D1		NOT USED
E1		NOT USED
F1		NOT USED
G1		NOT USED
H1	CFCI	BOEBRICK DOUBLE ROBE HOOK
I1		NOT USED
I2		NOT USED
J1		NOT USED
K1		NOT USED
L1	CFCI	LARSON VERTICAL DUO SEMI-RECESSED FIRE-EXTINGUISHER CABINET WITH ROLL EDGE AND FIRE EXTINGUISHER.
M1		NOT USED
N1		NOT USED

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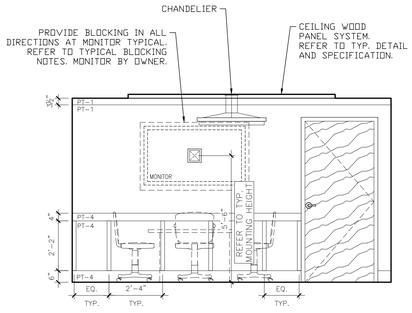
Internal Project Number: TBD

No.	Revision/Issue	Date

TYPICAL CLEARANCES, ACCESSORIES AND NOTES

Date:	07.18.25
Drawn:	JB
Checked:	MEC

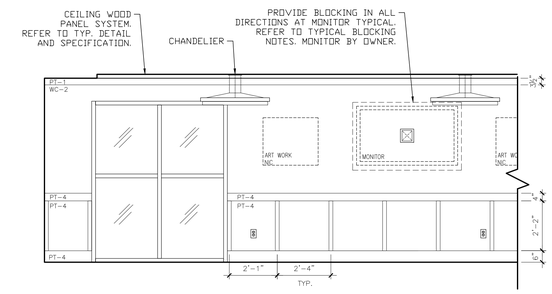
A220



C1 CONFERENCE ROOM - INTERIOR ELEVATION

POWER AND AV/IT RECEPTACLES TYP. FOR REFERENCE ONLY. ALIGN ALL ELECTRICAL AND AV/IT SWITCHES AT SAME HEIGHT. REFER TO ELECTRICAL DRAWINGS

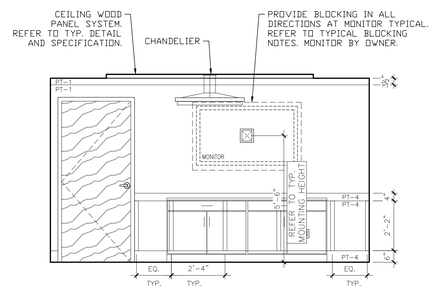
SCALE: 3/8" = 1'-0"



C2 CONFERENCE ROOM - INTERIOR ELEVATION

POWER AND AV/IT RECEPTACLES TYP. FOR REFERENCE ONLY. ALIGN ALL ELECTRICAL AND AV/IT SWITCHES AT SAME HEIGHT. REFER TO ELECTRICAL DRAWINGS

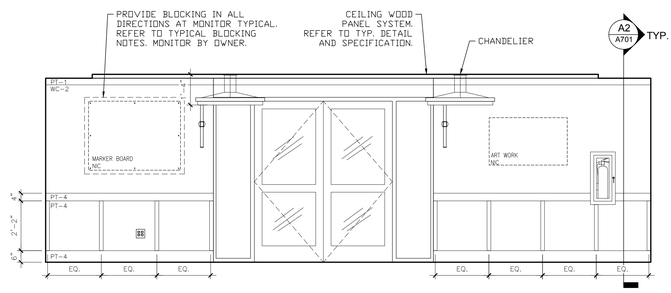
SCALE: 3/8" = 1'-0"



C3 CONFERENCE ROOM - INTERIOR ELEVATION

POWER AND AV/IT RECEPTACLES TYP. FOR REFERENCE ONLY. ALIGN ALL ELECTRICAL AND AV/IT SWITCHES AT SAME HEIGHT. REFER TO ELECTRICAL DRAWINGS

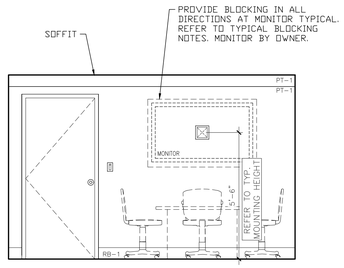
SCALE: 3/8" = 1'-0"



C4 CONFERENCE ROOM - INTERIOR ELEVATION

POWER AND AV/IT RECEPTACLES TYP. FOR REFERENCE ONLY. ALIGN ALL ELECTRICAL AND AV/IT SWITCHES AT SAME HEIGHT. REFER TO ELECTRICAL DRAWINGS

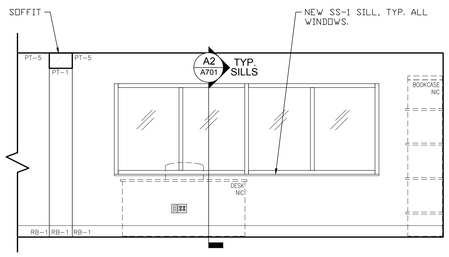
SCALE: 3/8" = 1'-0"



B1 OFFICE 165 - INTERIOR ELEVATION

POWER AND AV/IT RECEPTACLES TYP. FOR REFERENCE ONLY. ALIGN ALL ELECTRICAL AND AV/IT SWITCHES AT SAME HEIGHT. REFER TO ELECTRICAL DRAWINGS

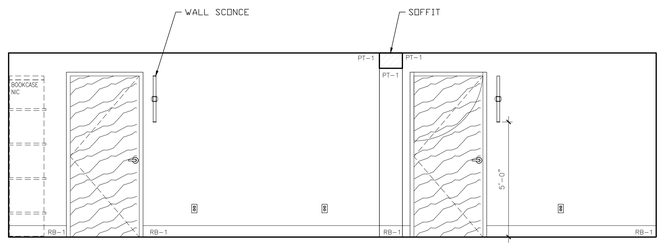
SCALE: 3/8" = 1'-0"



B2 OFFICE 165 - INTERIOR ELEVATION

POWER AND AV/IT RECEPTACLES TYP. FOR REFERENCE ONLY. ALIGN ALL ELECTRICAL AND AV/IT SWITCHES AT SAME HEIGHT. REFER TO ELECTRICAL DRAWINGS

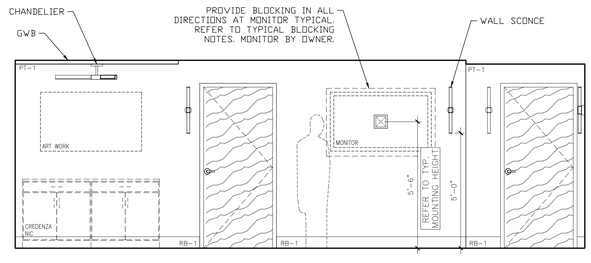
SCALE: 3/8" = 1'-0"



B3 OFFICE 165 - INTERIOR ELEVATION

POWER AND AV/IT RECEPTACLES TYP. FOR REFERENCE ONLY. ALIGN ALL ELECTRICAL AND AV/IT SWITCHES AT SAME HEIGHT. REFER TO ELECTRICAL DRAWINGS

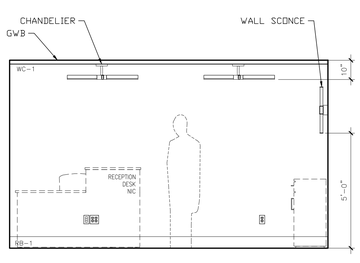
SCALE: 3/8" = 1'-0"



A1 LOBBY - INTERIOR ELEVATION

POWER AND AV/IT RECEPTACLES TYP. FOR REFERENCE ONLY. ALIGN ALL ELECTRICAL AND AV/IT SWITCHES AT SAME HEIGHT. REFER TO ELECTRICAL DRAWINGS

SCALE: 3/8" = 1'-0"



A2 LOBBY - INTERIOR ELEVATION

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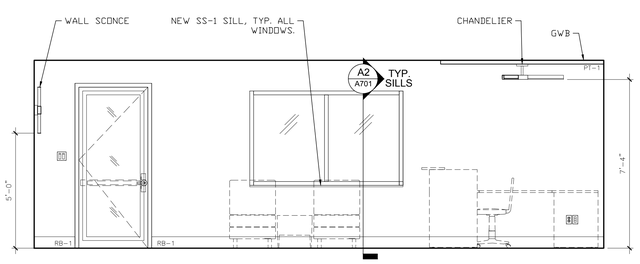
SCALE: 3/8" = 1'-0"



A3 LOBBY - INTERIOR ELEVATION

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SCALE: 3/8" = 1'-0"

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Internal Project Number: TBD

No.	Revision/Issue	Date

INTERIOR ELEVATIONS

Date:	07.18.25	A221
Drawn:	JB	
Checked:	MEC	

SEISMIC CLASS NOTE

SHOWN PER EXISTING DRAWINGS PROVIDED BY THE OWNER NOTING THE MAIN CAMPUS CAN BE DESIGNED TO MEET CLASS 'C' REQUIREMENTS TO THE "MAXIMUM LEVEL ALLOWED BY ACSE 7-10.

CONTRACTOR TO VERIFY LATEST SEISMIC CLASSIFICATION FOR SITE AND VERIFY EXISTING INSTALLATION. IF DISCREPANCIES ARE DISCOVERED NOTIFY THE A/E AND OWNER IMMEDIATELY. REFER AND COORDINATE WITH CLASS 'C' REQUIREMENTS, TESTED MANUFACTURER'S SPECIFICATIONS, AND SEISMIC RESPONSE REPORT.

CEILING AND SEISMIC NOTE

CEILING SEISMIC DETAILS ARE PROVIDED TO ILLUSTRATE THE GENERAL REQUIREMENTS FOR SEISMIC 'C' RESTRAINT PER IBC CHAPTER 16, WHICH REFERENCES ASCE7, ASTM C636 AND ASTM E580 FOR INSTALLATION REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE PROVISIONS OF THESE STANDARDS. IN CASE OF CONFLICT, THE MORE STRINGENT STANDARD WILL PREVAIL. REFER TO CEILING AND SEISMIC DETAILS.

CEILING INSTALLATION NOTES

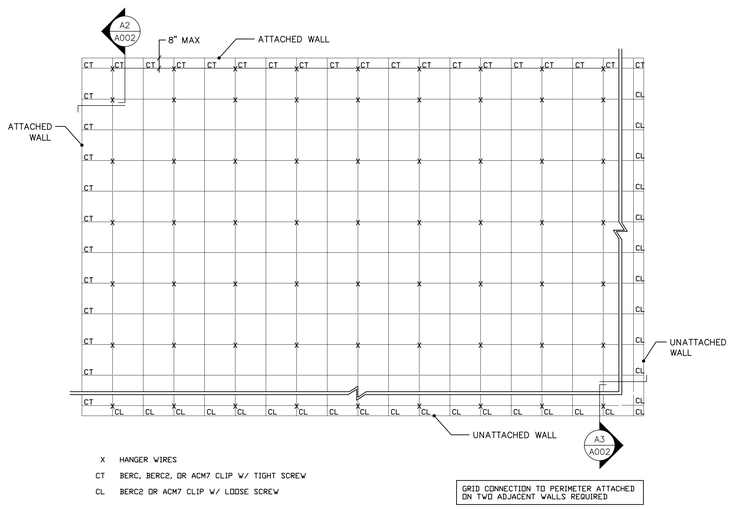
CEILING DETAILS SHOWN ARE DRAWN IN ACCORDANCE WITH PROPRIETARY MANUFACTURER'S SEISMIC RATED ASSEMBLIES BY ARMSTRONG AND USG. SELECTED SYSTEM MAY HAVE ALTERNATE SEISMIC OPTIONS. CONTRACTOR SHALL INSTALL PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND AS A COMPLETE SYSTEM.

PROPRIETARY MANUFACTURER'S INSTALLATIONS SHALL COMPLY WITH CEILING DETAILS SHOWN AND PER MANUFACTURER'S WRITTEN AND TESTED INSTALLATION REQUIREMENTS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CEILING INSTALLATION.

POP RIVETS ARE NOT PERMITTED IN ANY APPLICATION.

SEISMIC "C" REQUIREMENTS FOR CEILINGS 144 GSF OR GREATER

CATEGORY	REQUIREMENTS
CONNECTIONS/HANGERS	INTERMEDIATE OR HEAVY DUTY GRID
INTERSECTION STRENGTH	180 LBS
HANGERS	#12 @ 4' O.C./#10 @ 5' O.C.
PLUMB	NOT MORE THAN 1 IN 6 OR 10" FROM VERTICAL
CONNECTION DEVICES	NOT REQUIRED
PERIMETER WIRES – ALL WALLS	MAXIMUM 8" FROM ALL WALLS
SPLAY BRACING	NOT REQUIRED
4 WIRE CLUSTERS	N/A
FIRST POINT	N/A
SPACING	N/A
CONNECTION STRENGTH	N/A
COMPRESSION POSTS	N/A
MOLDING/PARTITIONS	INTERMEDIATE OR HEAVY DUTY GRID
MOLDING	MIN. 7/8"
ATTACHMENT (NO MOVEMENT)	REQUIRED @ 2 ADJACENT WALLS (USING CLIPS)
CLEARANCE (FREE TO MOVE)	3/8" @ 2 ADJACENT WALLS
SPACER BARS	NOT REQUIRED W/ CLIPS
PARTITION ATTACHMENT	ALLOWED ONLY IF CEILING IS ABLE TO MOVE LATERALLY, UNDER 2,500 SF
LIGHTING/FIXTURES	INTERMEDIATE OR HEAVY DUTY GRID
LIGHTS LESS THAN 56LBS	2 CONNECTORS/2 SLACK WIRES
LIGHTS GREATER THAN 56LBS	SUSPEND FROM STRUCTURE, NOT GRID
MECHANICAL LESS THAN 20LBS	ATTACHED TO GRID
MECH GREATER THAN 20LBS, LESS THAN 56LBS.	2 SLACK WIRES
MECHANICAL GREATER THAN 56LBS	SUSPEND FROM STRUCTURE, NOT GRID



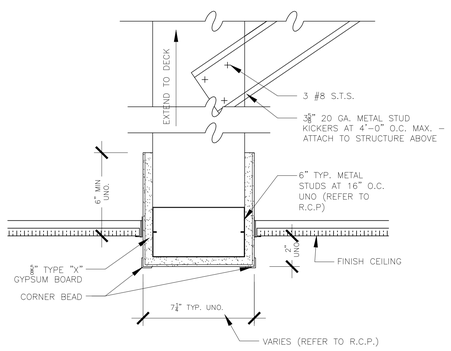
A1 CEILING SEISMIC "C" BRACE PLAN DIAGRAM

SCALE: NTS

NOT USED

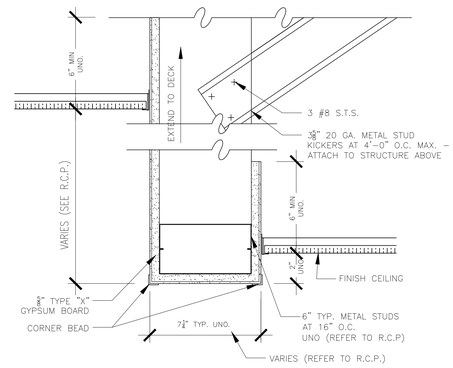
NOT USED

NOT USED



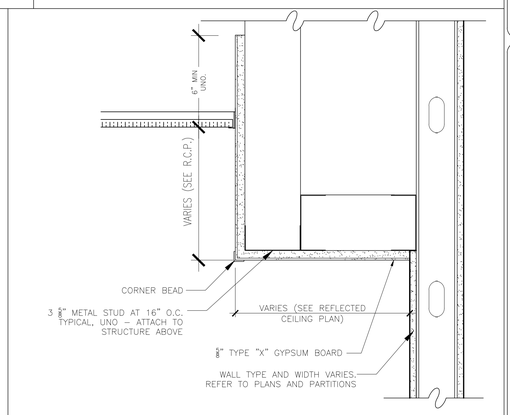
C1 TYPICAL SOFFIT DETAIL

SCALE: 3" = 1'-0"



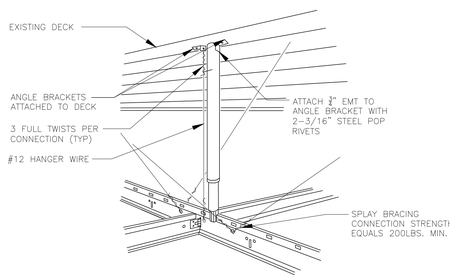
C2 TYPICAL SOFFIT DETAIL

SCALE: 3" = 1'-0"



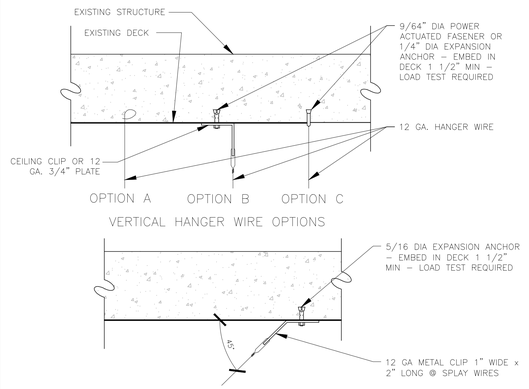
C3 TYPICAL SOFFIT DETAIL

SCALE: 3" = 1'-0"



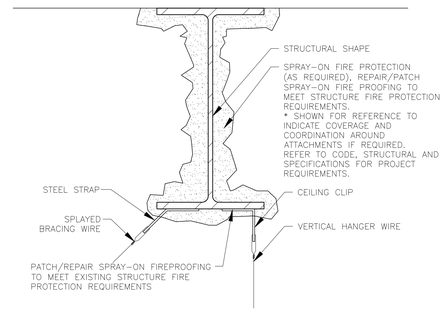
B1 HORIZONTAL SEISMIC RESTRAINT W/ COMPRESSION POST

SCALE: 3" = 1'-0"



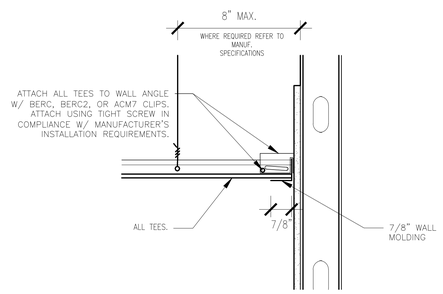
B2 SEISMIC HANGER WIRE DETAILS

SCALE: 3" = 1'-0"



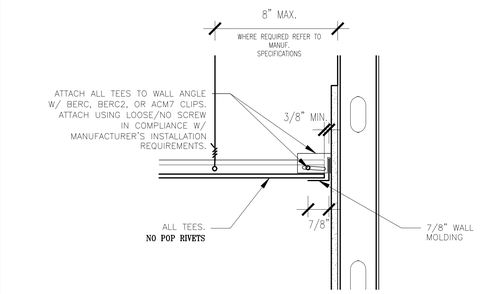
B3 SEISMIC HANGER WIRE DETAILS

SCALE: NTS



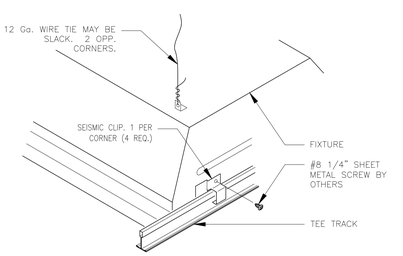
A2 SEISMIC "C" CEILING SECTION - ATTACHED

(TYPICAL FOR BOTH GASKETED AND NON GASKETED CEILINGS) SCALE: 3" = 1'-0"



A3 SEISMIC "C" CEILING SECTION - UNATTACHED

(TYPICAL FOR BOTH GASKETED AND NON GASKETED CEILINGS) SCALE: 3" = 1'-0"



A4 FIXTURE SEISMIC TIE

SCALE: NTS

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CONSULTANT & SEALS

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CONSTRUCTION DOCUMENTS - OSE REVIEW

Internal Project Number: TBD

No.	Revision/Issue	Date

TYPICAL SEISMIC AND CEILING DETAILS (FOR REFERENCE)

Date: 07.18.25
Drawn: JB
Checked: MEC

A500

THROUGH PENETRATION FIRESTOP SCHEDULE

A. THIS SCHEDULE IDENTIFIES REQUIREMENTS FOR ACCEPTABLE THROUGH PENETRATION FIRESTOPS FOR THIS PROJECT BASED ON BARRIER TYPE, BASIS OF BARRIER CONSTRUCTION, AND PENETRANT TYPE. THIS IS A GENERIC SCHEDULE. NOT ALL PENETRANT TYPES WILL APPEAR IN THE PROJECT.
B. THROUGH PENETRATION FIRESTOPS ARE NOT REQUIRED FOR FLOOR PENETRATIONS CONTAINED TOTALLY WITHIN A RATED SHAFT ENCLOSURE.
C. FOR EACH PENETRATION, SELECT A THROUGH PENETRATION FIRESTOP BASED ON ACTUAL FIELD CONDITIONS, WHICH INCLUDE BUT ARE NOT LIMITED TO PENETRATION SIZE, PENETRATION SHAPE, PENETRANT MATERIAL(S), QUANTITY OF PENETRANTS PER PENETRATION, AND LOCATION(S) OF PENETRANT(S) WITH PENETRATION.
D. NOMENCLATURE OF UL CLASSIFIED FIRESTOP ASSEMBLIES USED IN THIS SCHEDULE IS IDENTICAL TO THAT USED IN CATALOG OF APPROVED FIRESTOP MANUFACTURERS (SEE DIVISION 15) AND IN UNDERWRITERS LABORATORIES "FIRE RESISTANCE DIRECTORY."

RATED BARRIER		FIRESTOP ASSEMBLY REQUIREMENTS		PENETRANT TYPE						
TYPE	BASIS OF CONSTRUCTION			NO PENETRANTS	METALLIC, UNINSULATED PIPE OR TUBING (EX. COPPER, IRON, STEEL) (NOTE 14)	METALLIC, UNINSULATED PIPE OR TUBING (EX. PVC, PP, CPVC, GLASS, FRPP)	INSULATED PIPES (EX. COPPER, IRON PLASTIC, STEEL) IN SYSTEMS OPERATING BETWEEN 32°F AND 122°F (NOTE 1)	INSULATED PIPES (EX. COPPER, IRON PLASTIC, STEEL) IN SYSTEMS OPERATING BELOW 32°F OR ABOVE 122°F (NOTE 2)	METAL DUCT (NOTE 3)	RECESSED DEVICES (NOTE 4)
WALL	WOOD STUDS & GYPSUM WALLBOARD (U300 SERIES)	UL CLASSIFIED SERIES	SINGLE PENETRANT	W-L-0000 SERIES OR NOTE 5	W-L-1000 SERIES		W-L-5000 SERIES	W-L-5000 SERIES	W-L-7000 SERIES	W-L-7000 SERIES NOTE 8
			MULTIPLE PENETRANTS		W-L-8000 SERIES (NOTE 6)		W-L-8000 SERIES (NOTE 6)	W-L-8000 SERIES (NOTE 6)	N/A	
		F RATING		EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING
		T RATING		NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10
		EXCEPTIONS/ ADDED REQUIREMENTS		NONE	NOTE 13	NOTE 13	NONE	NOTE 7	NONE	NONE
WALL	METAL STUDS & GYPSUM WALLBOARD (U400 SERIES)	UL CLASSIFIED SERIES	SINGLE PENETRANT	W-L-0000 SERIES OR NOTE 5	W-L-1000 SERIES	W-L-2000 SERIES	W-L-5000 SERIES	W-L-5000 SERIES	W-L-7000 SERIES	W-L-7000 SERIES NOTE 8
			MULTIPLE PENETRANTS		W-L-8000 SERIES (NOTE 6)		W-L-8000 SERIES (NOTE 6)	W-L-8000 SERIES (NOTE 6)	N/A	
		F RATING		EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING
		T RATING		NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10
		EXCEPTIONS/ ADDED REQUIREMENTS		NONE	NOTE 13	NOTE 13	NONE	NOTE 7	NONE	NONE
WALL	POURED CONCRETE, CONCRETE BLOCK OR MASONRY (BLOCK & U900 SERIES) (ANY THICKNESS)	UL CLASSIFIED SERIES	SINGLE PENETRANT	W-J-0000 SERIES OR NOTE 5	C-AJ-1000 OR W-J-1000 SERIES	C-AJ-2000 OR W-J-2000 SERIES	C-AJ-5000 OR W-J-5000 SERIES	C-AJ-5000 OR W-J-5000 SERIES	C-AJ-7000 OR W-J-7000 SERIES	NOTE 8
			MULTIPLE PENETRANTS		C-AJ-8000 OR W-J-8000 SERIES (NOTE 6)		C-AJ-8000 OR W-J-8000 (NOTE 6)	C-AJ-8000 OR W-J-8000 (NOTE 6)	N-A	
		F RATING		EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING	EQUAL TO WALL RATING
		T RATING		NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10	NOTE 10
		EXCEPTIONS/ ADDED REQUIREMENTS		NONE	NOTE 12 & 13	NOTE 13	NONE	NOTE 7	NONE	NONE
FLOOR	POURED CONCRETE (ANY THICKNESS)	UL CLASSIFIED SERIES	SINGLE PENETRANT	C-AJ-0000 SERIES F-A-0000 SERIES OR NOTE 5	C-AJ-1000 OR F-A-1000 SERIES	C-AJ-1000 OR F-A-2000 SERIES	C-AJ-5000 OR F-A-5000 SERIES	C-AJ-5000 OR F-A-5000 SERIES	C-AJ-7000 OR F-A-7000 SERIES	NOTE 8
			MULTIPLE PENETRANTS		C-AJ-8000 OR F-A-8000 SERIES (NOTE 6)		C-AJ-8000 OR F-A-8000 (NOTE 6)	C-AJ-8000 OR F-A-8000 (NOTE 6)	N/A	
		F RATING		EQUAL TO FLOOR RATING, BUT NOT LESS THAN 1 HR	EQUAL TO FLOOR RATING, BUT NOT LESS THAN 1 HR	EQUAL TO FLOOR RATING, BUT NOT LESS THAN 1 HR	EQUAL TO FLOOR RATING, BUT NOT LESS THAN 1 HR	EQUAL TO FLOOR RATING, BUT NOT LESS THAN 1 HR	EQUAL TO FLOOR RATING, BUT NO LESS THAN 1HR	EQUAL TO FLOOR RATING, BUT NO LESS THAN 1HR
		T RATING		NOTE 11	NOTE 11	NOTE 11	NOTE 11	NOTE 11	NOTE 11	NOTE 11
		EXCEPTIONS/ ADDED REQUIREMENTS		NONE	NOTE 12	NONE	NONE	NOTE 7	NONE	NONE

NOTES

1. EXAMPLES OF SYSTEMS THAT OPERATE BETWEEN 32°F AND 122°F:

   CHILLED WATER SUPPLY & RETURN
   DOMESTIC HOT WATER LESS THAN 122°F
   HEAT PUMP WATER SUPPLY & RETURN
   DOMESTIC HOT WATER RECIRCULATION LESS THAN 122°F
   DOMESTIC COLD AND TEMPERED WATER

2. EXAMPLES OF SYSTEMS OPERATING BELOW 32°F OR ABOVE 122°F:

   HEATING HOT WATER SUPPLY & RETURN
   DOMESTIC HOT WATER SUPPLY 140°F
   DOMESTIC HOT WATER RECIRCULATION 140°F

3. THIS SCHEDULE'S DATA APPLY ONLY TO PENETRATIONS WITHOUT DAMPERS. FOR DAMPERED PENETRATIONS, REFER TO SPECIFICATIONS. AT DAMPERS, DO NOT APPLY MATERIAL THAT IS NOT INCLUDED IN THE DAMPER'S CLASSIFICATION.

4. EXAMPLE OF RECESSED DEVICES:

   ELECTRICAL BOXES

5. SEAL OPENING USING BARRIER'S ORIGINAL CONSTRUCTION

6. WHERE A SERIES 8000 CLASSIFIED SYSTEM IS NOT AVAILABLE, INSTALL PENETRANTS SINGLY, AND PROVIDE SINGLE-PENETRANT SYSTEMS.

7. FOR SYSTEMS THAT OPERATE BELOW 32°F OR ABOVE 122°F, COMPLY WITH THE FOLLOWING ADDITIONAL REQUIREMENTS:

   A. PROVIDE TPFS SYSTEM USING INTUMESCENT ELASTOMERIC WRAP STRIP AS ITS FILL, VOID, OR CAVITY MATERIAL.
   B. DO NOT USE SERIES 8000 PENETRATIONS. PROVIDE ONLY SINGLE PENETRATIONS.

8. WHERE UL CLASSIFIED SYSTEMS ARE NOT AVAILABLE FOR OTHER RECESSED DEVICES, MAINTAIN CONTINUITY OF RATED BARRIER CONSTRUCTION AND RECESS.

9. REQUIREMENTS FOR MEMBRANE PENETRATIONS AND THROUGH PENETRATIONS ARE IDENTICAL.

10. TEMPERATURE (T) RATINGS OF ASSEMBLIES IN WALLS MAY EQUAL ZERO

11. TEMPERATURE (T) RATINGS OF ASSEMBLIES IN FLOORS SHALL EQUAL THE GREATER OF EITHER THE BARRIER RATING OR ONE HOUR EXCEPT AS FOLLOWS:

    A. AN ASSEMBLY'S T RATING MAY EQUAL ZERO WHEN THE PENETRANT ABOVE THE FLOOR PENETRATION IS CONTAINED AND LOCATED WITHIN THE CAVITY OF A WALL.

12. CLASSIFIED TPFS ASSEMBLY IS NOT REQUIRED WHEN ALL THE FOLLOWING CONDITIONS ARE MET:

    A. PENETRANT HAS A MAXIMUM NOMINAL DIAMETER OF 6-INCHES.
    B. PENETRATIONS HAS A MAXIMUM AREA OF 144 SQUARE INCHES.
    C. ANNULAR SPACE IS COMPLETELY FILLED WITH CONCRETE, GROUT, OR MORTAR THE FULL THICKNESS OF THE BARRIER.

13. OPENINGS ACCOMMODATING NONCOMBUSTIBLE CONDUITS, PIPES, AND TUBES THROUGH SINGLE MEMBRANES WHICH ARE PART OF A FIRE RESISTANCE RATED WALL ASSEMBLY ARE PERMITTED WHEN:

    A. AGGREGATE AREA OF THE MEMBRANE OPENINGS DO NOT EXCEED 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL AREA

14. THIS COLUMN ALSO INCLUDES WIRES AND CABLES WITH STEEL JACKETS.

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CONSULTANT & SEALS

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VBPA RENOVATION AIRPORT CAMPUS
CONSTRUCTION DOCUMENTS - OSE REVIEW

Internal Project Number: TBD

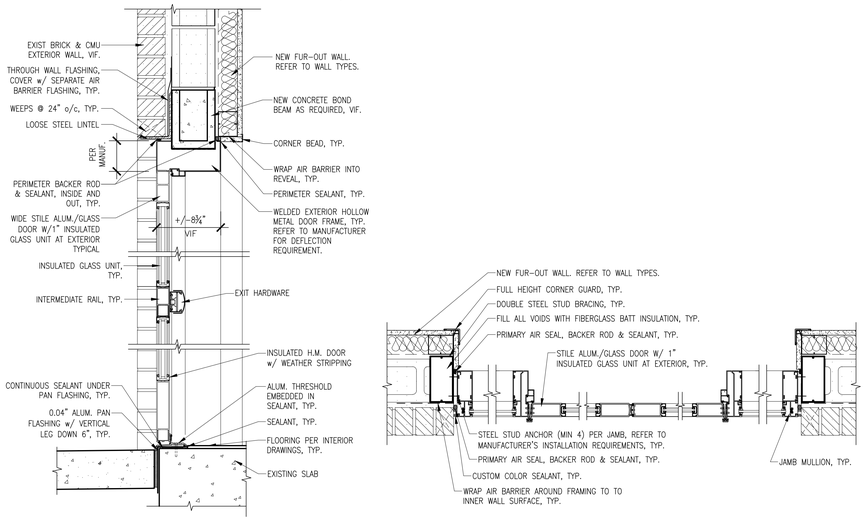
No.	Revision/Issue	Date

THROUGH PENETRATION FIRE STOP SCHEDULE

Date: 07.18.25
Drawn: JB
Checked: MEC

A501

STOREFRONT DETAILS ARE SHOWN FOR REFERENCE, COORDINATE WITH MANUFACTURER'S AND WATERPROOFING REQUIREMENTS.

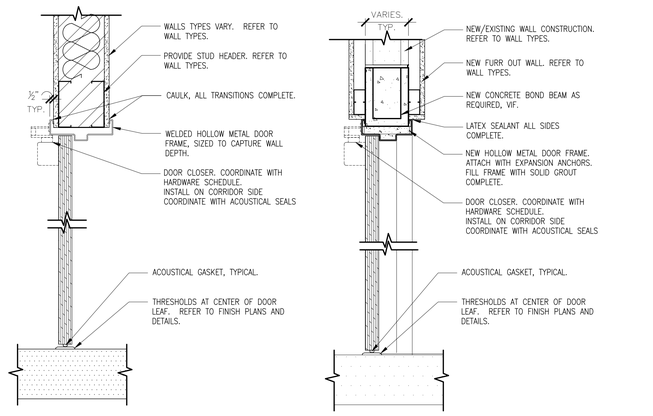


D1 TYPICAL EXTERIOR HEAD - SILL DETAIL

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

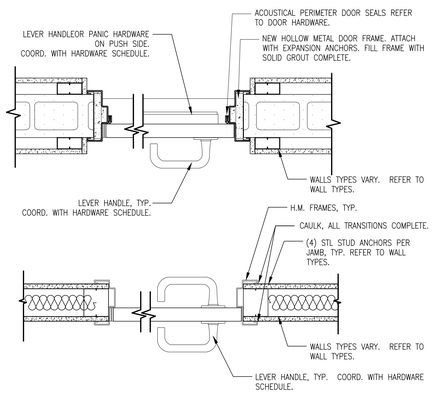
D2 TYPICAL EXTERIOR JAMB DETAIL

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



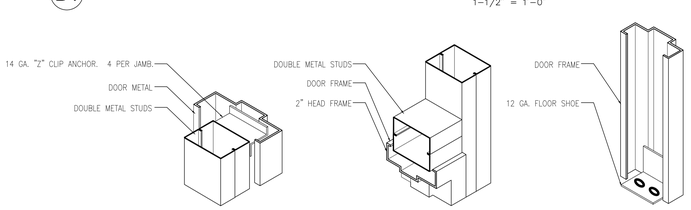
C1 TYPICAL INTERIOR HEAD DETAIL

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



B1 TYPICAL INTERIOR JAMB DETAIL

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



A1 TYPICAL SHOE AND MOUNTING DETAILS

NOT TO SCALE

DOOR SCHEDULE

ROOM NAME	DOOR NUMBER	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR MAT'L.	DOOR ELEV.	FRAMES SIZE WIDTH	FRAMES SIZE HEIGHT	FRAMES MAT'L.	FRAMES ELEV.	HEAD DETAIL	JAMB DETAIL	HARDWARE SET	FIRE RATING	OPERATOR	OCC. INDICATOR	CARD READER	CLOSER	PANIC HDW	NOTES:
EXTERIOR																			
CONFERENCE 170	170.1	(2) 3'-0"	7'-0"	AL/GL	C	+/-9'-4"	+/-7'-4"	AL	F1	4a+d/A331	4n/A331	03	–				X	X	NEW SYSTEM SHALL COORDINATE WITH EXIST ROUGH OPENING. VIF PRIOR TO ORDERING.
INTERIOR																			
LOBBY 162	162	3'-0"	7'-0"	WD/GL	B	3'-4"	7'-2"	H.M.	F2	B1/A600	B2/A600	02	–				X	X	HARDWARE SHALL MATCH EXISTING SUITE STANDARD.
OFFICE 163	163	3'-0"	7'-0"	WD	A	4'-4"	8'-2"	H.M.	F2	B1/A600	B2/A600	01	–						HARDWARE SHALL MATCH EXISTING SUITE STANDARD.
OFFICE 164	164	3'-0"	7'-0"	WD	A	4'-4"	8'-2"	H.M.	F2	B1/A600	B2/A600	01	–						HARDWARE SHALL MATCH EXISTING SUITE STANDARD.
CONFERENCE 170.2	170.2	3'-0"	7'-0"	WD	A	3'-4"	7'-2"	H.M.	F2	B1/A600	B2/A600	01	–				X		HARDWARE SHALL MATCH EXISTING SUITE STANDARD.

HARDWARE SCHEDULE

GENERAL NOTES:
1. **HARDWARE SCHEDULED FOR FUNCTION AND REFERENCE. CONFIRM AND MATCH BUILDING STANDARD AND PROVIDE FINAL SCHEDULE FOR OWNER REVIEW PRIOR TO ORDERING.**
2. **COORDINATE FINAL HARDWARE AND FRAME PREP WITH DOOR SWINGS AS SHOWN IN THE DRAWINGS.**
3. **COORDINATE WITH HARDWARE AND STOREFRONT SPECIFICATIONS.**
4. **STOREFRONT HARDWARE SHOWN FOR REFERENCE, COORDINATE STOREFRONT PACKAGE AND HARDWARE BY MANUFACTURER WITH STOREFRONT MANUFACTURER.**

SET #1	QUANTITY	TYPE	MANUFACTURE (BOD)	FINISH
	3	HEAVY DUTY HINGE	BB1279 4 1/2 X 4 1/2	US26D HA
	1	OFFICE LOCK – LEVER	3450 ARC SFIC	US26D HA
	1	CYLINDER CORE	3982-C	US26D HA
	1	CONCAVE WALL STOP	236W	US32D HA
	1	KICK PLATE	190S 10" X 34" LDW	US32D HA
	3	SILENCER	307D	GREY HA

SET #2	QUANTITY	TYPE	MANUFACTURE (BOD)	FINISH
	3	HEAVY DUTY HINGE	BB1168 4 1/2" x 4 1/2" NRP	US26D HA
	1	STAND ALONE KEYPAD LOCKSET	DL2700-IC	US26D ALLO
	1	EXIT DEVICE	4501 RIM FEC	US32D HA
	1	CYLINDER CORE	3982-C	US26D HA
	1	CLOSER	5200 HDHOCS	ALM HA
	2	KICK PLATE	190S 10" X 34" LDW	US32D HA
	3	SILENCER	307D	GREY HA

SET #3	QUANTITY	TYPE	MANUFACTURE (BOD)	FINISH
	2	HEAVY DUTY CONT HINGE	780-112HD x LAR	BLK HA (MATCH STOREFRONT)
	2	EXIT PANIC DEVICE	4501 CVR CD FEC	US32D HA
	1	RIM CYL. HOUSING	3901 SFIC	US32D HA
	2	MORT. CYL. HOUSING	3902 SFIC x LAR	US26D HA
	3	CYLINDER CORES	3982-C	US32D HA
	2	DOOR PULL	910P 36 TYPE 5 MOUNTING	US32D HA
	2	OVERHEAD STOP/HOLDER	7017 SRF	BLK HA
	2	CLOSER	5200 TJ MOUNT	BLK HA
	1	THRESHOLD	413S x LAR	MIL HA
	1	WEATHERSTRIPPING	BY ALUM DR/FR MFG	BYOT
	2	DOOR SWEEP	750S N x LAR	BLA HA

GENERAL DOOR NOTES

A. REFER TO FLOOR PLANS AND ELECTRICAL DRAWINGS FOR ACCESS CONTROL AND OPERATOR DEVICE LOCATIONS. GC TO COORDINATE WITH DOOR HARDWARE AND FRAMING SYSTEMS. CONDUIT AND BOXES SHALL BE INSTALLED TO ACCOMMODATE OPERATING CLEARANCES.

B. COORDINATE ADJUSTMENTS TO HEADERS WITH MANUFACTURER'S REQUIREMENTS FOR STOREFRONT DOOR SYSTEM.
   B.A. VERIFY IN CMU AND EXISTING CONSTRUCTION IN FILED PRIOR TO ORDERING.

C. FRAME THROATS SHALL FIT TIGHT TO WALLS PER TYPICAL DETAILS. ALL FINISH WALL DEPTHS AND EXISTING WALLS SHALL BE VERIFIED IN FIELD PRIOR TO ORDERING. FRAMES NOT INSTALLED PER APPROPRIATE DEPTHS AND FINAL DIMENSIONS SHALL BE REPLACED COMPLETE.

D. COORDINATE CORES AND KEYS WITH OWNER.

E. ALL DOORS ARE TO BE FACTORY FINISHED, SEE MATERIAL LEGENDS AND SPECIFICATIONS.

F. NEW METAL DOOR FRAMES SHALL BE FACTORY WELDED AND PRIMED PRIOR TO FINISH PAINT.

G. ALL EXISTING FRAMES TO REMAIN SHALL BE SANDED FOR SMOOTH FINISH, PRIMED AND PAINTED ALL SIDES COMPLETE. REFER TO FINISH NOTES FOR PAINT REQUIREMENTS.

F. ALL EXISTING DOORS, DOOR FRAMES, AND TRIM SHALL BE PRIMED, AND PAINTED.

G. CAULK AROUND ALL TRANSITION EDGES OF FRAMES TO WALLS AND FLOORS.

H. FIELD VERIFY ALL DOOR, FRAME AND HARDWARE DIMENSIONS INCLUDING HINGES AND STRIKES PRIOR TO SHOP DRAWINGS.

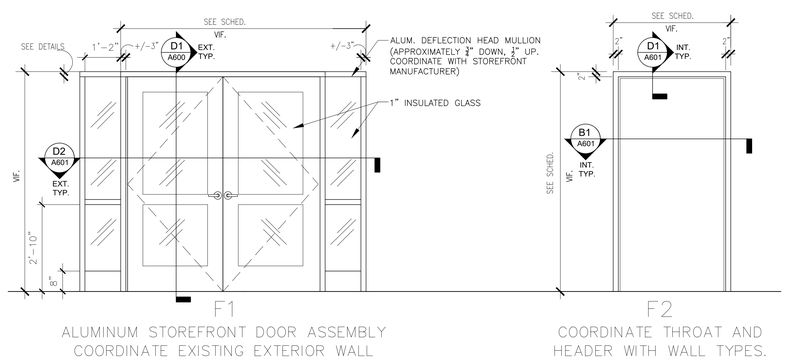
B. ALL NEW DOORS AND FRAMES ARE TO BE SIZED TO ACCOMMODATE NEW CLOSERS WITHOUT A DROP PLATE.

C. STOREFRONT DOORS AND FRAMES ARE TO BE PREPPED BY MANUFACTURER PRIOR TO DELIVERY.

D. DOOR MANUFACTURER TO PROVIDE A STATEMENT CONFIRMING THAT DOORS HAVE BEEN PREPPED FOR CONCEALED AND SURFACE MOUNTED HARDWARE INDICATED IN HARDWARE SCHEDULE.

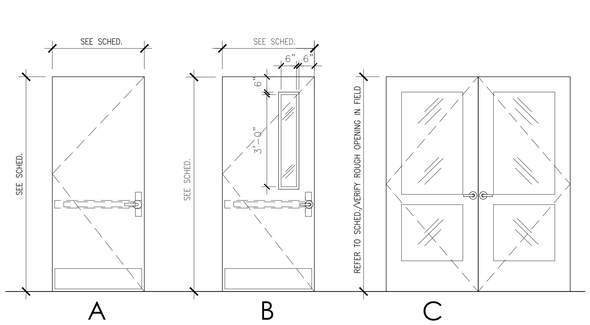
E. PROVIDE WEATHER STRIPPING AT NEW WOOD DOORS. GC IS TO ENSURE DOOR OPERATES PROPERLY AND LATCHES WITH NEW WEATHER STRIPPING.

F. PROVIDE KICK PLATES AT ALL DOORS TYPICAL, UNLESS NOTED OTHERWISE.



A2 TYPICAL FRAME ELEVATIONS

SCALE: 1/2" = 1'-0"



A3 TYPICAL DOOR ELEVATIONS

SCALE: 1/2" = 1'-0"

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STATE OF SOUTH CAROLINA — MARY KELLY CANNIZZARO — 07-18-2025 — Columbia, SC — 6796 — REGISTERED ARCHITECT

CONSULTANT & SEALS

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CONSTRUCTION DOCUMENTS - OSE REVIEW

Internal Project Number: TBD

No.	Revision/Issue	Date

DOOR AND FINISH SCHEDULES, MATERIAL LEGEND

Date: 07.18.25
Drawn: JB
Checked: MEC

A601

FINISH SCHEDULE

SPACE:										NOTES:
ROOM NUMBER	ROOM NAME	FLOOR	BASE	PLAN NORTH WALL	PLAN EAST WALL	PLAN SOUTH WALL	PLAN WEST WALL	CEILING	CASEWORK	
162	RECEPTION	LVT-1/LVT-2	RB-1	PT-1	PT-1	PT-1	WC-1	GWP1/ATC1	–	GWB/BULKHEAD/PT-3 ON CEILING.
162A	CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ATC1	–	
163	OFFICE	CPT-1	RB-1	PT-4	PT-1	PT-1	PT-1	ATC1	–	
164	OFFICE	CPT-1	RB-1	PT-1	PT-4	PT-1	PT-1	ATC1	–	
165	OFFICE	CPT-1	RB-1	PT-1	PT-5	PT-1	PT-1	GWP1/ATC1	–	GWB/BULKHEAD/PT-3 ON CEILING.
166	COPY/STORAGE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ATC1	–	
167	TOILET	EXIST	EXIST	–	–	–	–	ATC1	–	
168	OFFICE	CPT-1	RB-1	PT-1	PT-1	PT-4	PT-1	ATC1	–	
169	BREAKROOM	EXIST	EXIST	–	–	–	–	EXIST	EXIST	
169A	CORRIDOR	LVT-3	RB-2	PT-1	PT-1	PT-1	PT-1	ATC1	–	MATCH EXISTING LVT.
170	CONFERENCE ROOM	CPT-2	RB-1	PT-4/PT-1	PT-4/WC-2	PT-4/PT-1	PT-4/WC-2	GWP1/ATC2	–	SEEN KEYED NOTE 4.
171	ELECT.	EXIST	EXIST	–	–	–	–	–	–	

FLOORING MATERIAL HATCH LEGEND

LVT1 | LVT2 | LVT3 (MATCH EXISTING)

EXISTING LVT (COVER & PROTECT) | CPT1 | CPT2

TR — TRANSITIONS TRIP/THRESHOLD | (PT) ACCENT WALL | (WCX) WALLCOVERING

LEGEND

- AREA OF RENOVATION
- EXISTING AREA NOT IN SCOPE OF WORK
- NEW WALL CONSTRUCTION
- EXISTING LOWER CASEWORK
- EXISTING UPPER CASEWORK CONSTRUCTION

FINISH FLOORING GENERAL NOTES

- PROVIDE CARPET COMPLETE. SHOP DRAWINGS TO INCLUDE NUMBERED PATTERN AND GRAIN DIRECTION. REFER TO SPECIFICATIONS AND MATERIAL LEGEND.
- PROVIDE LVT COMPLETE. SHOP DRAWINGS TO INCLUDE FINISH LAYOUT, OFFSET AND GRAIN DIRECTION. REFER TO SPECIFICATIONS AND MATERIAL LEGEND.
- PROVIDE RUBBER BASE COMPLETE. REFER TO SPECIFICATIONS AND MATERIAL LEGEND.
- PROVIDE TRANSITION STRIP AT FLOORING TRANSITIONS AT CENTER OF DOOR, AT ANY LOCATION LVT TO CARPET. VERIFY SIZE FOR FLUSH AND LEVEL INSTALLATION PRIOR ORDERING. REFER TO MATERIAL AND DETAILS.

WALL GENERAL NOTES

- PATCH, PRIME, AND PAINT ALL NEW WALLS COMPLETE. REFER TO SPECIFICATIONS AND MATERIAL LEGEND.
- PATCH, SKIM, SMOOTH AND PREP EXISTING WALLS FOR A LEVEL 4 FINISH. PAINT COMPLETE. REFER TO MATERIAL LEGEND AND SPECIFICATIONS.
- SKIM, SMOOTH AND PREP EXISTING WALLS FOR A LEVEL 5 FINISH. PROVIDE WALL COVERING 'CORNER TO CORNER' COMPLETE. INSTALL PER MANUFACTURER'S WRITTEN SPECIFICATIONS. REFER TO MATERIAL LEGEND.
- PRIME AND PAINT EXISTING DOORS COMPLETE. PRIME AND PAINT FRAME SEMI-GLOSS ALL SIDES COMPLETE. REFER TO MATERIAL LEGEND FOR FRAME COLOR.
- PRIME AND PAINT EXISTING WOOD DOORS COMPLETE. PRIME AND PAINT FRAME SEMI-GLOSS ALL SIDES COMPLETE. REFER TO MATERIAL LEGEND FOR FRAME COLOR.
- PRIME AND PAINT FRAME SEMI-GLOSS ALL SIDES COMPLETE. REFER TO MATERIAL LEGEND FOR FRAME COLOR.

FINISH KEYED NOTES

1. PROVIDE FULL HEIGHT CORNER GUARD COMPLETE.
2. PROVIDE NEW METAL SLOPED THRESHOLD BY STOREFRONT SYSTEM MANUFACTURER COMPLETE. MECHANICALLY FASTEN INTO SLAP AND SEAL WITH EXTERIOR SEALANT.
3. SAND, PRIME AND PAINT FRAMES AND DOORS PT-2 COMPLETE ALL SIDES. REFER TO NOTES AND SPECIFICATIONS.
4. PROVIDE CHAIR RAIL AND CROWN MOLDING. REFER TO ELEVATIONS AND DETAILS.
5. PROVIDE WALLCOVERING FROM MOLDING TO CEILING COMPLETE. COORDINATE WITH ELEVATIONS AND MATERIAL LEGEND.

GENERAL FINISH NOTES

A. ALL FINISHES TO BE COORDINATED WITH OWNER AND ARCHITECT IN A 'FINISHES' COORDINATION MEETING' PRIOR TO DEMOLITION.

B. ANY CUT, DAMAGED, OR UNSIGHTLY WALL CONDITIONS OR FINISHES AFFECTED PRIOR TO OR DURING CONSTRUCTION SHALL BE PATCHED, PRIMED, AND RECEIVE NEW FINISH FROM 'CORNER TO CORNER' TO INCLUDE THE ENTIRE WALL, TRIM, AND RELATED FINISHES IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING OR REFINISHING.

C. ALL GWB SURFACES TO RECEIVE INTERIOR GYPSUM BOARD PRIMER AND MINIMUM OF TWO COATS INTERIOR LATEX PAINT. REFER TO SPECIFICATIONS.

D. ALL PLASTERED SURFACE TO RECEIVE LATEX PATCHING PLASTER TO FILL CRACKS, SMALL HOLES, AND IMPERFECTION. SMOOTH AND FLUSH WITH ADJACENT SURFACE. PLASTERED SURFACE TO RECEIVE PRIMER AND MINIMUM OF TWO COATS INTERIOR LATEX PAINT. REFER TO SPECIFICATIONS.

E. FINISHES ARE TO BE INSTALLED PER MANUFACTURER'S WRITTEN SPECIFICATIONS AND INSTALLATION REQUIREMENTS.

F. CAULK ALL EXPOSED EDGES OF LAMINATE, BACKSPLASHES, CABINETS AND COUNTERTOPS COMPLETE TO MATCH WALL FINISH COLOR. REFER TO SPECIFICATIONS.

G. CAULK ALONG BASE, INTERIOR CORNERS, FIXTURES, AND ALONG CEILING WHERE WALL PROTECTION AND ACOUSTIC PANELS ARE SPECIFIED.

H. NO WALL OR FLOOR TILE IS TO BE INSTALLED WITH DOG EARS, CHIPS, SCRATCHES, DINGS OR OTHER BLEMISHES. ARCHITECT TO REVIEW INSTALLED TILE PRIOR TO GROUTING.

I. REFER TO INTERIOR ELEVATIONS AND DETAILS SHEETS, FOR TILE, WALL, ACCESSORIES, AND OTHER LIMITS.

J. ALL VERTICAL FACES OF DRYWALL SOFFITS TO BE PAINTED AND FINISHED TO MATCH ROOM PAINT COLOR.

K. REFER TO SPECIFICATIONS FOR DETAILED INFORMATION REGARDING FINISH MATERIALS.

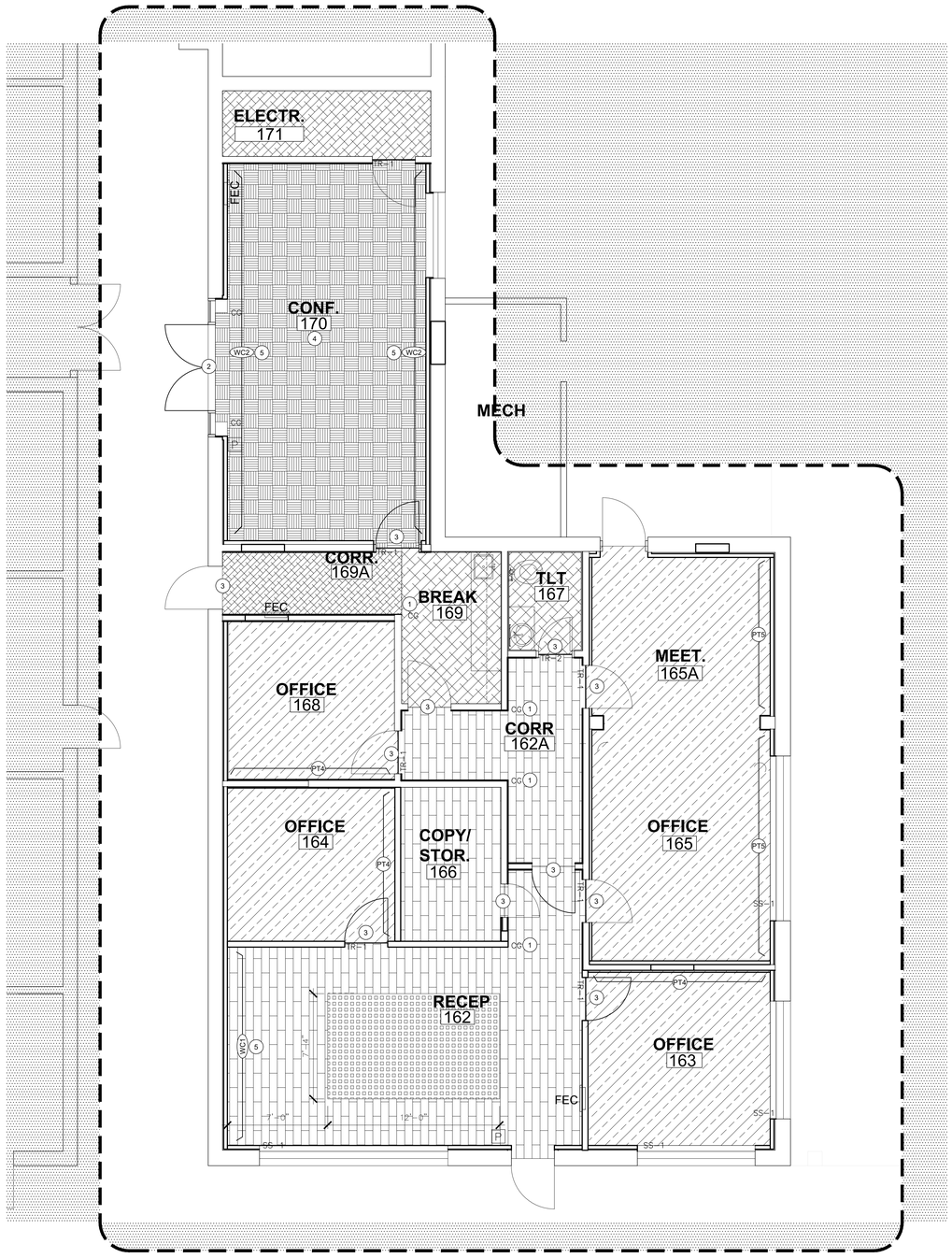
L. ALL FLOORING TRANSITIONS OCCUR AT THE CENTERLINE OF ALL DOORS, UNO.

M. REFER TO FINISH PLAN FOR EXTENT OF WALL PROTECTION LOCATIONS. INSTALL 'CORNER TO CORNER' COMPLETE. COORDINATE SEAMING TO ELIMINATE SLIVERS. NO SLIVERS UNDER 8" PERMITTED. PROVIDE CORNER, TOP, BOTTOM, AND SEAMING MOLDING AND TRIM PIECES TO MATCH. ALL ACCESSORIES TO BE INSTALLED IN FULL LENGTH, NO SPLICING. REFER TO SPECIFICATIONS

N. REFER TO FINISH PLAN FOR EXTENT OF CORNER GUARDS LOCATIONS. INSTALL CONTINUOUS FLOOR TO CEILING. REFER TO SPECIFICATIONS

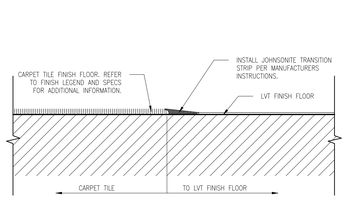
O. ROOMS NAMES AND NUMBERS FOR REFERENCE ONLY.

P. FURNITURE AND FIXTURES ARE SHOWN FOR REFERENCE ONLY.



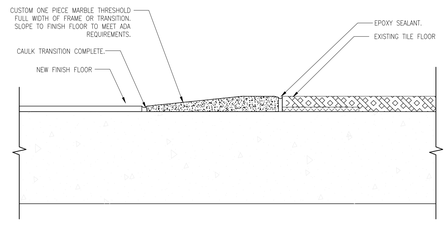
A1 RENOVATION FINISH PLAN

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



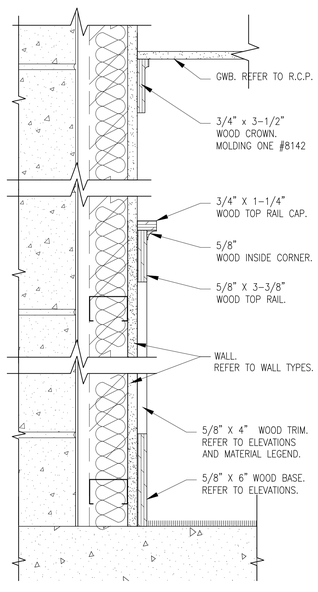
B1 TR-1 DETAIL

SCALE: 3"=1'-0"



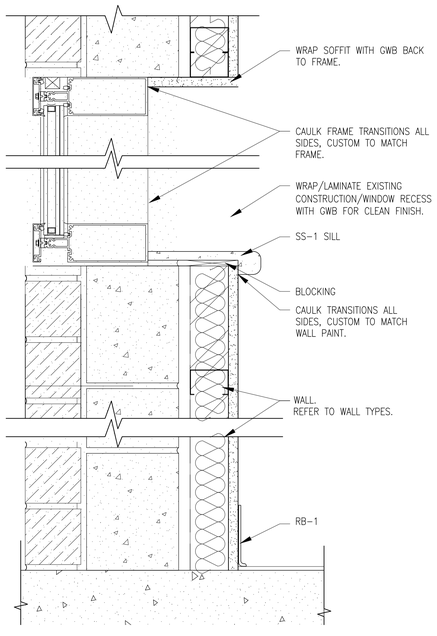
B2 TR-2 DETAIL

SCALE: 3"=1'-0"



A2 ACCENT WALL TRIM DETAIL

SCALE: 3"=1'-0"



A3 WINDOW SILL DETAIL

SCALE: 3"=1'-0"

MATERIAL LEGEND

FLOORING

CPT-1: SHAW CONTRACT, SUITED 18"X36" CARPET TILE.
COLOR: MUSLIN. INSTALL: ASHLAR.

CPT-2: SHAW CONTRACT, STONEWORK TILE 24"X24" CARPET TILE.
COLOR: GRANITE. INSTALL: ASHLAR.

LVT-1: INTERFACE, TEXTURED WOOD GRAINS 25CMX1M LUXURY VINYL PLANK.
22 MIL WEAR LAYER, 4.5 MM THICK.
COLOR: ANTIQUE DARK OAK. INSTALL: ASHLAR.

LVT-2: INTERFACE, DITHRE SILK 25CMX1M LUXURY VINYL PLANK.
22 MIL WEAR LAYER, 4.5 MM THICK.
COLOR: SILVER ORCHID. INSTALL: ASHLAR.

LVT-3: LVT-3: MATCH EXISITNG.

TRANSITION STRIPS

TR-1: JOHNSONITE, TRANSITION CTA-XX-H. COLOR: 29 MOON ROCK
VERIFY HEIGHT FOR FLUSH INSTALLATION.

TR-2: CUSTOM MARBLE THRESHOLD TO MEET ADA HEIGHT REQUIREMENTS.
COLOR: WHITE

BASE

RB-1: JOHNSONITE (120' ROLL BASE) 6" RUBBERBASE DC
COLOR: 29 MOON ROCK WG.

INTERIOR PAINT

PT-1: SHERWIN WILLIAMS. COLOR: SW 6147 PANDA WHITE. EG-SHEL.

PT-2: SHERWIN WILLIAMS. COLOR: SW 7673 PEWTER CAST. SEMI-GLOSS.
(DOORS, TRIMS AND FRAMES)

PT-3: SHERWIN WILLIAMS. COLOR: SW 7007 CEILING BRIGHT WHITE. (CEILING)

PT-4: SHERWIN WILLIAMS. COLOR: SW 7668 MARCH WIND. EG-SHEL.
(CONFERENCE ROOM ACCENT COLOR)

PT-5: SHERWIN WILLIAMS. COLOR: SW 6523 DENIM. EG-SHEL.
(OFFICES ACCENT COLOR)

WALL PROTECTION

CG-1: INPRO IPC HIGH IMPACT SURFACE MOUNTED 3" CORNER GUARD.
COLOR: 0103 WHITE SAND. INSTALL: FULL HEIGHT.

SOLID SURFACE

SS-1: GEOS RECYCLED GLASS SURFACE COLOR: WHITE BIRCH

WALLCOVERING

WC-1: MDC INTERIOR SOLUTIONS WALL COVERING TYPE II. CLASS A.
PATTERN: GEO METRO.
COLOR: GRAY AREA.
INSTALL: STRAIGHT, MATCH PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. REFER TO ELEVATIONS AND FINISH PLAN FOR LOCATION.

WC-2: MDC INTERIOR SOLUTIONS WALL COVERING TYPE II. CLASS A.
PATTERN: GEO METRO.
COLOR: SUGAR CUBE
INSTALL: STRAIGHT, MATCH PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. REFER TO ELEVATIONS AND FINISH PLAN FOR LOCATION.

CEILING TILE

ACT-1: USG, MARS CLIMAPLUS PERFORMANCE 2'X2'X7/8" SMOOTH CEILING TILE, #87100. CLASS A. NRC 0.80/CAC 35 LR.90.
EDGE: FLB SQUARE TEGULAR, FOR USE WITH FINE PROFILE GRID.
COLOR: WHITE
SUSPENSION SYSTEM: USG CENTRICITEE DXT 9/16" GRID.

ACT-2: USG, DESIGN SOLUTIONS- ILLUSIONS, 2'X2' WOOD CEILING TILE. CLASS A.
EDGE: FLB SQUARE TEGULAR, FOR USE WITH FINE PROFILE GRID AND WITH SPRING TORSION.
FINISH: SARANTE WOOD TONE, LAMINATE ON METAL.
COLOR: S24N GREY CEDAR
SUSPENSION SYSTEM: USG CENTRICITEE DXT 9/16" GRID AND WITH SPRING TORSION. REFER TO R.C.P. AND DETAILS.

MIDLANDS TECHNICAL COLLEGE

VPBA Renovation
Airport Campus
PROJ #: H59-6347-TM

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STATE OF SOUTH CAROLINA — COMPASS 5 PARTNERS, LLC — Columbia, SC — C-100254 — REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA — MARY ELLEN CANNIZZARO — 07-16-2025 — Columbia, SC — 6796 — REGISTERED ARCHITECT

CONSULTANT & SEALS

MTC SALUDA HALL
VBPA RENOVATION AIRPORT CAMPUS
CONSTRUCTION DOCUMENTS - OSE REVIEW

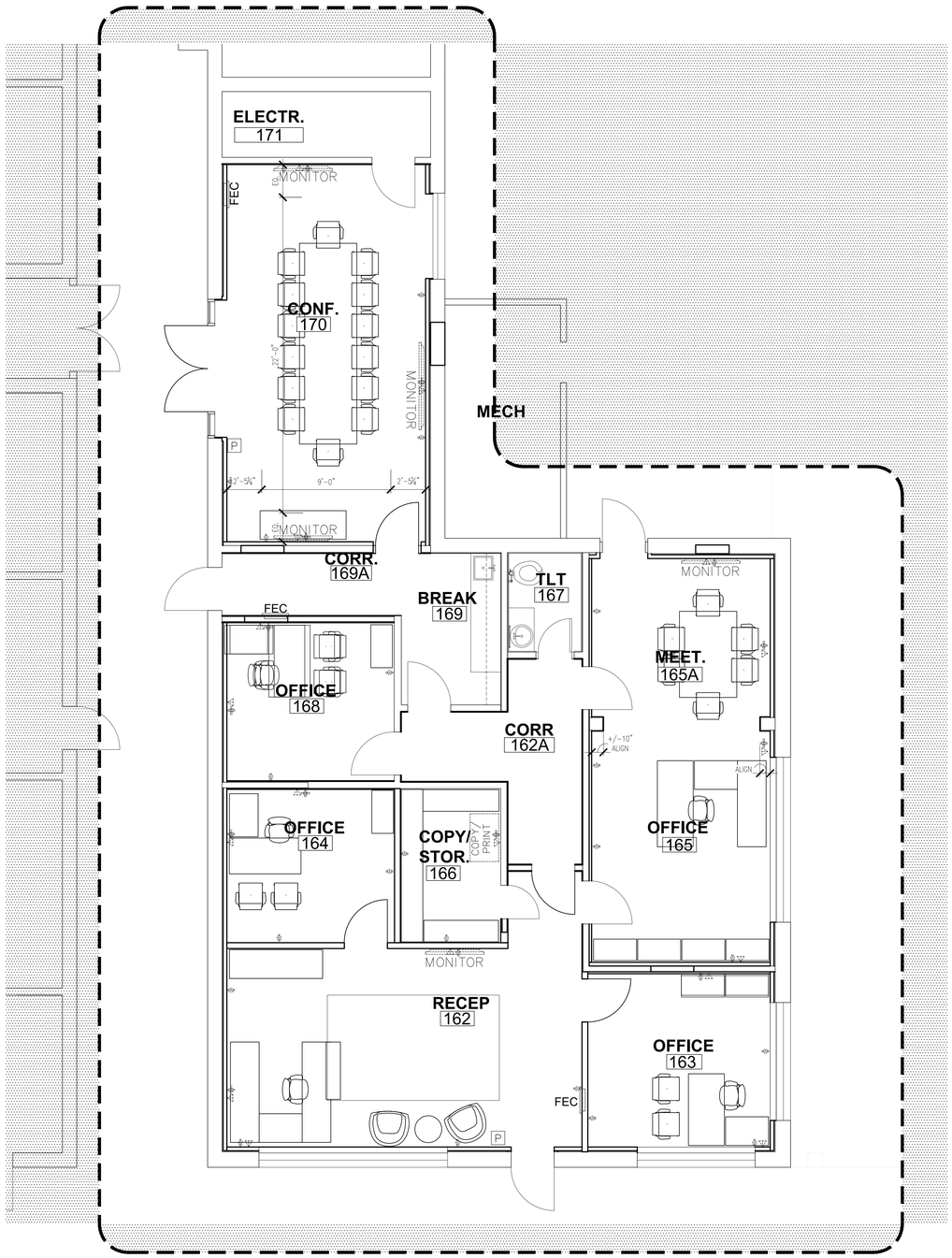
Internal Project Number: TBD

No.	Revision/Issue	Date

FINISH PLAN, DETAILS AND SCHEDULES

Date: 07.18.25
Drawn: JB
Checked: MEC

A701



A1 RENOVATION EQUIPMENT PLAN

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

GENERAL EQUIPMENT NOTES

A. EQUIPMENT LOCATIONS SHOWN FOR REFERENCE ONLY. VERIFY DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION.

B. COORDINATE REQUIREMENTS AND INSTALLATION OF ALL OWNER PROVIDED CONTRACTOR INSTALLED AND OWNER PROVIDED OWNER INSTALLED EQUIPMENT.

C. COORDINATE ELECTRICAL, PLUMBING, MECHANICAL, AND STRUCTURAL REQUIREMENTS WITH WITH OWNER AND MANUFACTURER'S SPECIFICATIONS. REFER TO PME DRAWINGS.

D. PROVIDE CONNECTIONS, BRACING/ANCHORING, BRACKETS, AND STRUCTURAL SUPPORT PER MANUFACTURER'S WRITTEN SPECIFICATIONS. REFER TO PME DRAWINGS.

CONTRACTOR COORDINATION

CONTRACTOR TO COORDINATE THE INSTALLATION AND PROVISION OF ENGINEERING ITEMS AND EQUIPMENT SHOWN THROUGHOUT THE ENGINEERING DRAWINGS AND SPECIFICATIONS, INCLUDING ANY ITEMS SHOWN FOR REFERENCE ON THE ARCHITECTURAL DRAWINGS AS:
OWNER FURNISHED OWNER INSTALLED (OFOI), OWNER FURNISHED CONTRACTOR INSTALLED (OFCI), CONTRACTOR FURNISHED CONTRACTOR INSTALLED (CFCI), VENDOR FURNISHED VENDOR INSTALLED (VFVI), VENDOR FURNISHED CONTRACTOR INSTALLED (VFCI) OR NOT IN CONTRACT (NIC).
ALL ENGINEERING ITEMS SHOWN ON ARCHITECTURAL ELEVATIONS, EQUIPMENT DRAWINGS AND SCHEDULES ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ENGINEERING ITEMS PER ENGINEERING DRAWINGS AND SPECIFICATIONS. 'IN THE EVENT OF PATENT AMBIGUITIES WITHIN OR BETWEEN PARTS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL.
1) PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK, OR
2) COMPLY WITH THE MORE STRINGENT REQUIREMENT, EITHER OR BOTH IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION.'

CONTRACTOR EQUIPMENT COORDINATION

ARCHITECTURAL EQUIPMENT PLANS AND LAYOUTS ON ARCHITECTURAL EQUIPMENT AND FURNITURE PLANS ARE SHOWN FOR REFERENCE ONLY. UNLESS NOTED OTHERWISE, ALL ITEMS THAT ARE OFOI, OFCI, CFCI, VFVI, VFCI, ETR, OR NIC, ETC., TO BE REVIEWED WITH THE A/E TEAM IN A COORDINATION MEETING, INITIATED BY THE CONTRACTOR, PRIOR TO THE START OF WORK, REQUIRED AS NOTED IN THE SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL CONTRACT DOCUMENTS AND PROVIDE ALL ENGINEERING AND ARCHITECTURAL WORK AS INTENDED BY DRAWINGS AND SPECIFICATIONS. IT IS CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE INTENT OF THE SPECIFICATION SECTION, COMPLETE.

THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND AV CONTRACTOR ON DELIVERY AND INSTALLATION OF THE EQUIPMENT FURNISHED BY THE OWNER AND RECEIVED BY THE CONTRACTOR.

THE LOCATIONS OF ITEMS, DEVICES, INFRASTRUCTURE, MEP, SUPPORT, ETC. TO BE PROVIDED BY THE GC RELATIVE TO VENDOR EQUIPMENT ARE SHOWN FOR REFERENCE AND SHALL BE COORDINATED WITH SHOP DRAWINGS AND MANUFACTURER'S SPECIFICATIONS PRIOR TO COORDINATION DRAWINGS AND INSTALLATION.

EQUIPMENT LEGEND

SYMBOL	FURNISH/ INSTALL	DESCRIPTION
	OFOI	MODULAR RECEPTION DESK WITH TRANSACTION COUNTER
	OFOI	MODULAR U-SHAPE DESK
	OFOI	MODULAR L-SHAPE DESK
	OFOI	CONFERENCE TABLE WITH CHAIRS
	OFOI	42"H CREDENZA
	OFOI	OFFICE FILE/STORAGE CABINET
	OFOI	BOOKCASE
	OFOI	SUPPLY STORAGE RACKS
	OFOI	LOUNGE CHAIRS WITH SIDE TABLE
	OFOI	OFFICE GUEST CHAIRS
	OFOI	TASK CHAIR
MONITOR	OFOI	MONITOR
COPY/ PRINT	OFVI	FLOOR COPY/PRINTER

LEGEND

- AREA OF RENOVATION
- EXISTING AREA NOT IN SCOPE OF WORK
- NEW WALL CONSTRUCTION
- EXISTING LOWER CASEWORK
- EXISTING UPPER CASEWORK CONSTRUCTION

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REGISTERED ARCHITECTS

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CONSULTANT & SEALS

MTC SALUDA HALL
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Internal Project Number: TBD

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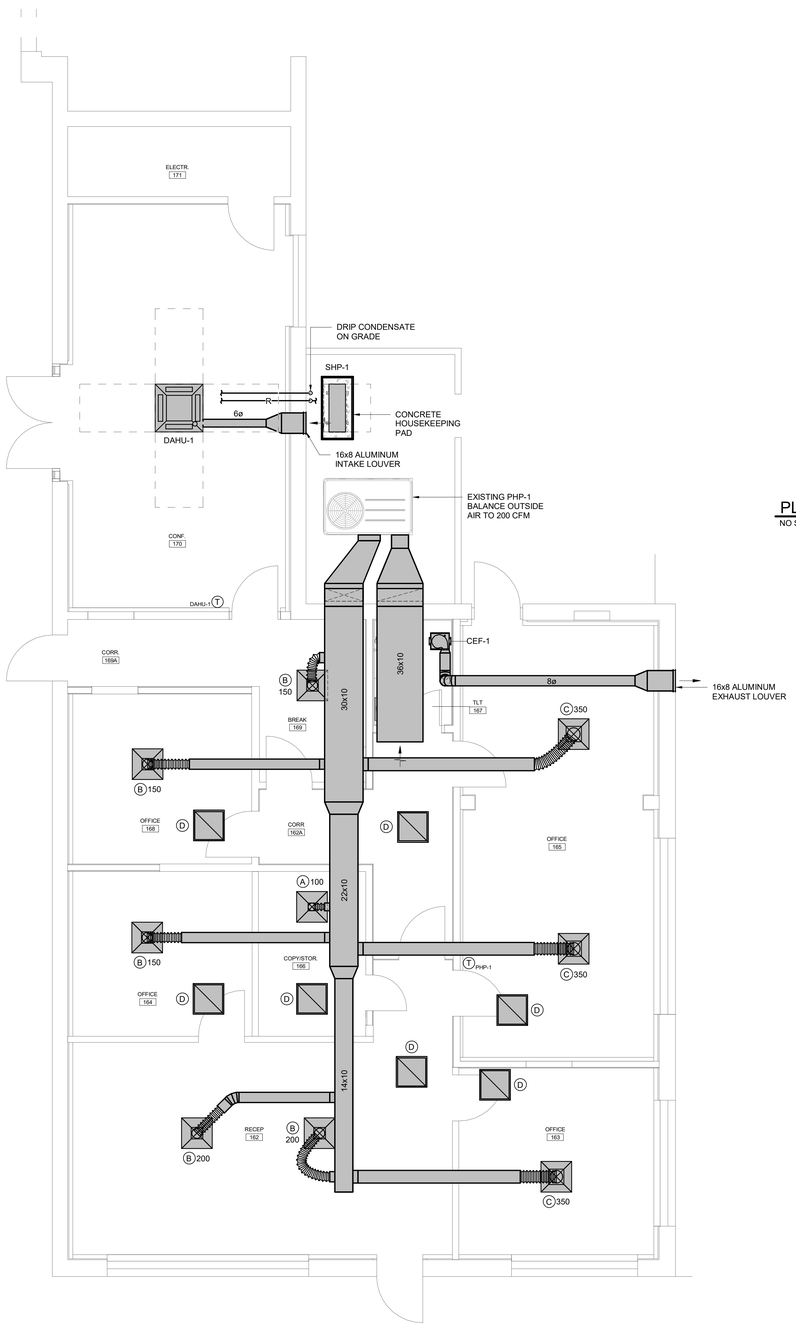
EQUIPMENT PLAN
(FOR REFERENCE ONLY)

Date: 07.18.25
Drawn: JB
Checked: MEC

A702



1 M101 FLOOR PLAN
1/4" = 1'-0"

AIR DISTRIBUTION SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	FRAME	CFM	NECK SIZE	FACE SIZE	MAX NC	REMARKS
A	SQ. PLAQUE SUPPLY	PRICE	ASPD	LAY-IN	0-125	6"ø	24"x24"	30	1,2
B	SQ. PLAQUE SUPPLY	PRICE	ASPD	LAY-IN	126-250	8"ø	24"x24"	30	1,2
C	SQ. PLAQUE SUPPLY	PRICE	ASPD	LAY-IN	251-350	10"ø	24"x24"	30	1,2
D	PERFORATED RETURN	PRICE	APDDR	LAY-IN	0-1,000	22"x22"	24"x24"	30	1,2

1. PROVIDE WITH STANDARD WHITE FINISH.
2. PROVIDE ALUMINUM OR ALUMINIZED STEEL CONSTRUCTION.

DUCTLESS SPLIT HEAT PUMP SCHEDULE

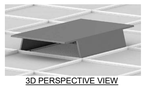
TAG	MITSUBISHI MODEL DAHU / SHP	COOLING CAP. - MBH @ 80/67/95 TOTAL	HTG. CAP. - MBH @ 47°F	CFM O.A.	CFM TOTAL	SEER/HSPF	REMARKS
DAHU-1/SHP-1	PLA-A24EA7/PUZ-A24NHA7	24.0	26.0	60	770	24.2/11.2	1

1. PROVIDE WITH HARD WIRED WALL MOUNTED THERMOSTAT CONTROLLER AND INTERNAL CONDENSATE PUMP WITH FLOAT SWITCH WIRED TO SHUT DOWN UNIT IN ORDER TO PREVENT CONDENSATE OVERFLOW.

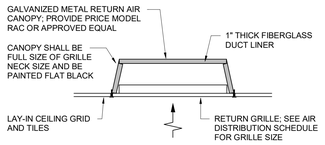
FAN SCHEDULE

TAG	LOREN COOK MODEL NO.	TYPE	CFM	ESP	MOTOR H.P./W.	SONES (MAX.)	REMARKS
CEF-1	GC-148	CEILING	100	0.375	40 W	2.0	1,2

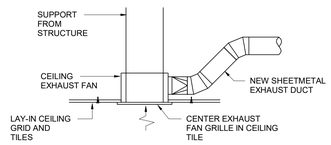
1. PROVIDE WITH CEILING GRILLE, BACKDRAFT DAMPER, DISCONNECT SWITCH, AND FAN MOUNTED SPEED CONTROL.
2. INTERLOCK WITH LIGHT SWITCH, WIRED BY ELECTRICAL CONTRACTOR.



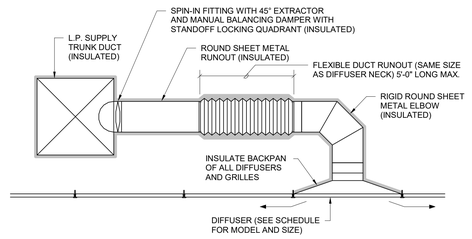
3D PERSPECTIVE VIEW



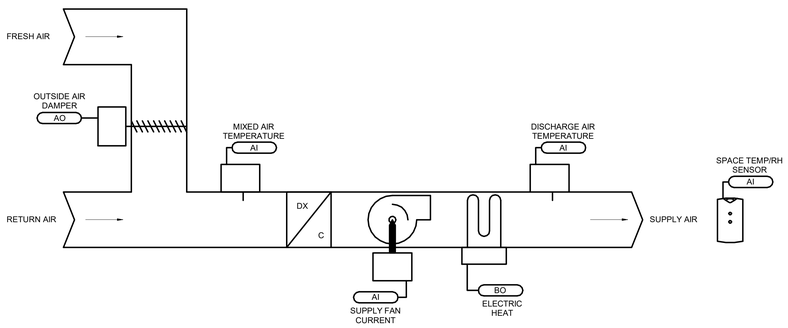
PLENUM RETURN GRILLE CANOPY DETAIL
NO SCALE



CEILING EXHAUST FAN DETAIL
NO SCALE



CEILING DIFFUSER DETAIL
NO SCALE



PACKAGE DX HEAT PUMP CONTROL DIAGRAM
NO SCALE

DESIGN CONDITIONS

SEASON	OUTSIDE	INSIDE
SUMMER	97° FDB / 78° FWB	75° FDB / 50% - 60% RH
WINTER	22° FDB	70° FDB

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2021 INTERNATIONAL MECHANICAL CODE WITH SC MODIFICATIONS, 2009 INTERNATIONAL ENERGY CONSERVATION CODE, AND 2020 SMACNA HVAC DUCT CONSTRUCTION STANDARD. ALL LOCAL CODES OR REQUIREMENTS STILL APPLY.
2. VISIT SITE PRIOR TO BIDDING. THIS CONTRACTOR SHALL DETERMINE DIFFICULTY OF INSTALLATION AND REFLECT THIS IN HIS BIDDING.
3. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF DOORS, WINDOWS, AIR DISTRIBUTION, ETC.
4. DO NOT SCALE DRAWINGS. THIS CONTRACTOR SHALL VERIFY ALL EXISTING ITEMS AND LOCATIONS IN THE FIELD.
5. ALL PIPING AND DUCTWORK LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE.
6. ALL PIPING AND DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS, ROOFS AND PARTITIONS.
7. ALL MECHANICAL ITEMS EXTENDING THROUGH WALLS SHALL BE FLASHED AND COUNTERFLASHED.
8. ALL PIPING IS SHOWN DIAGRAMMATIC. HOWEVER, THIS CONTRACTOR SHALL PROVIDE ALL REQUIRED FITTINGS, PIPING AND INSULATION FOR ALL OFFSETS AND/OR CHANGES IN ELEVATION.
9. EXTEND ALL DRAIN LINES AS INDICATED SO ROUTED AS TO AVOID INTERFERENCE WITH PASSAGEWAYS AND MAINTENANCE.
10. MINIMUM PIPE SIZE SHALL BE 3/4-INCH UNLESS INDICATED OTHERWISE.
11. ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS AND FURTHER SUPPORTS OR HANGERS SHALL BE PROVIDED TO PREVENT WEIGHT OF PIPING BEING PLACED ON EQUIPMENT.
12. ALL DUCTWORK SPECIFIED TO BE LINED SHALL BE INCREASED IN SIZE TO ALLOW FOR LINER.
13. DUCTWORK TO AIR CONDITIONING UNIT, OUTSIDE OF BUILDING, DUCTS SHALL BE WRAPPED WITH ALUMINUM JACKET AND SEALED WEATHER TIGHT.
14. TURNING VANES SHALL BE PROVIDED AT ALL DUCTWORK ELBOWS AND CHANGES OF DIRECTION TO PROVIDE EVEN FLOW THROUGH DUCT SYSTEM.
15. MOTORIZED OUTSIDE AIR DAMPERS SHALL BE ABLE TO MODULATE AND ADJUST THE OPEN POSITION TO BALANCE THE OUTDOOR AIR TO THE SPECIFIED CFM.
16. SPACE ABOVE CEILING TO BE USED AS RETURN AIR PLENUM WHERE DUCT IS NOT INDICATED ABOVE RETURN AIR GRILLES.
17. ALL OPEN END DUCTS SHALL HAVE 1/4-INCH MESH GALVANIZED SCREEN IN REMOVABLE FRAME.
18. ALL ITEMS OF EQUIPMENT ON GRADE SHALL BE LOCATED ON REINFORCED CONCRETE FOUNDATIONS, MINIMUM 6-INCH THICK OR AS DETAILED ON THESE PLANS AND SPECIFICATIONS AND 6 INCHES LARGER THAN EQUIPMENT IN EACH DIRECTION. PADS SHALL BE REINFORCED PER THE HOUSEKEEPING PAD SECTION OF THE ASHRAE PRACTICAL GUIDE FOR SEISMIC RESTRAINT. ALL UNITS SHALL BE SECURED TO THE HOUSEKEEPING PAD WITH SEISMIC RESTRAINTS. PROVIDE 1-INCH CHAMFERS ON ALL SIDES.
19. PROVIDE FOR ACCESS TO ALL EQUIPMENT REQUIRING CLEANING OR ADJUSTMENT PER MANUFACTURER S INSTRUCTIONS. PROVIDE FULL SPACE FOR COIL REMOVAL AND REPLACEMENT FOR ALL HOT WATER AND CHILLED WATER AIR HANDLING UNITS.
20. THIS CONTRACTOR SHALL PROVIDE ALL ITEMS OF MISCELLANEOUS STEEL AS REQUIRED FOR INSTALLATION OF ALL MECHANICAL ITEMS.
21. THIS CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONTROL WIRING. DIVISION 26 WILL PROVIDE AND INSTALL ALL POWER WIRING. ALL WIRING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE. CONTROL WIRING SHALL BE CONCEALED WITHIN WALL AND ALL CONTROL WIRING SHALL BE ROUTED IN EMT CONDUIT INDOORS AND RIGID CONDUIT OUTDOORS.
22. LOCATE ALL SPACE CONTROL INSTRUMENTS 4'-0" ABOVE FINISHED FLOOR. COORDINATE LOCATIONS WITH ARCHITECTURAL ELEVATIONS TO AVOID ITEMS INCLUDING BUT NOT LIMITED TO CUSTOM FINISHES, FIXED CASEWORK, FURNITURE, AND DOOR SWINGS. IN THE EVENT OF CONFLICTS IN THE FIELD, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE A/E FOR FINAL APPROVAL OF LOCATION.
23. CORRECT SETTINGS ON ALL BALANCING FITTINGS SHALL BE PERMANENTLY MARKED. PROVIDE ORANGE FLAGGING RIBBON ON EACH DAMPER HANDLE FOR EASY IDENTIFICATION.
24. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY DISMANTLING OF EQUIPMENT TO BE REMOVED. FREON SHALL BE RECLAIMED AND DISPOSED OF PER EPA REGULATIONS.
25. ITEMS REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.
26. THIS CONTRACTOR SHALL PATCH ALL WALLS AND FINISHES TO MATCH EXISTING WHERE ALL ITEMS OR EQUIPMENT ARE REMOVED.
27. THE HVAC SYSTEMS SHALL NOT BE OPERATED DURING HEAVY CONSTRUCTION OPERATIONS INCLUDING MASONRY, GYPSUM BOARD SANDING, HEAVY CLEANUP ACTIVITIES, OR OTHER ACTIVITIES THAT CREATE AIRBORNE PARTICLES OR DEBRIS. ALL SYSTEMS SHALL BE CLEAN OF CONSTRUCTION DEBRIS, DUST AND DIRT AT FINAL COMPLETION. DUCT CLEANING AND UNIT/COIL CLEANING SHALL BE PERFORMED IF REQUIRED. IF EQUIPMENT OPERATES DURING CONSTRUCTION PROVIDE FILTER MEDIA OVER ALL RETURN GRILLES AND RETURN DUCT OPENINGS TO PROTECT DUCTS AND EQUIPMENT.
28. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC SYSTEMS FROM CONSTRUCTION DEBRIS, DUST AND DIRT FOR THE ENTIRE CONSTRUCTION DURATION. DUCT CLEANING AND UNIT/COIL CLEANING SHALL BE PERFORMED AS REQUIRED. PROTECTION SHALL INCLUDE MERV 13 FILTER MEDIA OVER ALL RETURN GRILLES AND RETURN DUCT OPENINGS TO PROTECT DUCTS AND EQUIPMENT. CONTRACTOR MUST INSPECT ALL EXISTING UNITS WITH THE OWNER PRIOR TO START OF WORK AND AT THE COMPLETION OF WORK.

LEGEND

SYMBOL	DESCRIPTION
R	REFRIGERANT LINES
S , R	PIPE TURNS TO, AWAY
A 100	TYPE "A" DIFFUSER, 100 CFM
T	THERMOSTAT
	RECTANGULAR SUPPLY DUCTWORK
	RETURN AND FRESH AIR DUCTWORK
	EXHAUST DUCTWORK
48x24	48"x24" RECTANGULAR DUCT

MIDLANDS TECHNICAL COLLEGE

VPBA Renovation
Airport Campus
PROJ #: H59-6347-TM

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SOUTH CAROLINA REGISTERED No. 17994 7-15-25 WILLIAM C. LIV INGSTON

CONSULTANT & SEALS

MTC SALUDA HALL
VBPA RENOVATION AIRPORT CAMPUS
CONSTRUCTION DOCUMENTS - OSE REVIEW

Internal Project Number: TBD

No.	Revision/Issue	Date

FLOOR PLAN

Date: 07.18.25
Drawn: JKB
Checked: WCL

M101

GENERAL "ELECTRICAL" NOTES

1 BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG UNLESS NOTED OTHERWISE. WHERE CONDUCTOR AND RACEWAY SIZE ARE SHOWN AT HOMERUN, SUCH SIZE SHALL BE USED FOR THE ENTIRE CIRCUIT. EXCEPTION: FINAL CONNECTION TO DEVICES, IN OUTLET BOXES, IS NOT REQUIRED TO BE LARGER THAN NO. 12 AWG.

2 20A/120V BRANCH CIRCUITS EXCEEDING 100' IN LENGTH FROM PANEL TO FARTHEST DEVICE OR FIXTURE SHALL USE NO. 10 CONDUCTORS AND 3/4"C.

3 PRIOR TO ROUGH-IN, COORDINATE THE LOCATION AND MOUNTING HEIGHT OF ALL WALL AND CEILING MOUNTED DEVICES WITH THE ARCHITECTURAL ELEVATIONS, MILLWORK SHOP DRAWINGS, AND EXISTING CONDITIONS. IN THE EVENT OF A CONFLICT, NOTIFY THE ARCHITECT. MINOR ADJUSTMENTS IN DEVICE LOCATION, I.E. 5'-0" IN ANY DIRECTION SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.

4 COORDINATE THE LOCATION OF ALL FLOOR-MOUNTED OUTLETS WITH THE ARCHITECT PRIOR TO ROUGH-IN.

5 OUTLET BOXES FOR SWITCHES, RECEPTACLES, ETC MOUNTED ON OPPOSITE SIDES OF FIRE RATED PARTITIONS SHALL NOT BE MOUNTED IN THE SAME WALL CAVITY. SEPARATE WALL PENETRATIONS BY MOUNTING ON OPPOSITE SIDES OF WALL STUDS OR OTHER VERTICAL STRUCTURAL MEMBER IN THE WALL.

6 RACEWAYS SHALL BE INSTALLED CONCEALED IN NEW WALL CONSTRUCTION ABOVE CEILINGS, BELOW FLOOR, AND IN OTHER CAVITIES TO THE GREATEST EXTENT POSSIBLE. WHERE EXPOSED RACEWAYS MUST BE USED, LAYOUT RACEWAYS TO MINIMIZE THE NUMBER OF VERTICAL RUNS.

7 FEEDER CONDUITS, BRANCH CIRCUITS AND CABLE TRAY ROUTING SHALL COMPLY WITH DETAILS ON DRAWINGS AND SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES BEFORE AND DURING CONSTRUCTION.

8 WHERE LIGHT SWITCH AND ABOVE COUNTER RECEPTACLES ARE INDICATED TO BE MOUNTED ADJACENT TO EACH OTHER, THE DEVICES SHALL BE MOUNTED AT THE SAME HEIGHT UNDER A COMMON DEVICE PLATE.

9 REFER TO THE ARCHITECTURAL DRAWINGS FOR PROJECT PHASING.

10 THE ARRANGEMENT, GROUPING, AND ROUTING OF BRANCH CIRCUITS SHALL BE PROVIDED AT THE CONTRACTOR'S DISCRETION IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICE FOR ELECTRICAL WORK, THE NATIONAL ELECTRICAL CODE REQUIREMENTS, LOCAL ORDINANCES, AND THE FOLLOWING:

10.1 A COMMON NEUTRAL SHALL NOT BE INSTALLED IN A HOMERUN FOR 2 OR 3 BRANCH CIRCUITS UNLESS DIRECTION IS PROVIDED BY THE ENGINEER IN WRITTING FOR A SPECIFIC APPLICATION.

10.2 MULTIPLE SINGLE-POLE BRANCH CIRCUITS (UP TO 3 HOTS, 3 NEUTRALS, 1 GROUND) RATED FOR 30-AMPS OR LESS MAY BE PULLED INTO A SINGLE RACEWAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING THE RACEWAYS AND DERATING CONDUCTORS PER NEC ARTICLE 310.15.

10.3 BRANCH CIRCUIT, FEEDER & COMMUNICATION CIRCUITS SHALL BE ROUTED OVERHEAD UNLESS PRIOR APPROVAL HAS BEEN GRANTED BY THE ARCHITECT AND ENGINEER.

10.4 A GROUND CONDUCTOR SHALL BE PROVIDED IN ALL RACEWAYS UNLESS NOTED OTHERWISE.

11 WHERE FLOOR MOUNTED RECEPTACLES/DEVICES ARE GROUPED, PROVIDE DEVICES GROUPED IN ONE FLOOR BOX.

12 THE USE OF MC CABLE IS NOT ALLOWED.

13 SEAL ALL EXISTING AND NEW FIRE RATED WALL AND FLOOR PENETRATIONS IN THE CONSTRUCTION AREA

14 SEE THE ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS OF FIRE RATED WALLS.

15 WHEREVER ON THE ELECTRICAL DRAWINGS THE WORD "PROVIDE" IS USED, IT SHALL BE INFERRED TO MEAN "FURNISH AND INSTALL".

16 ELECTRICAL CONTRACTOR SHALL PROVIDE WATER PROOFING FOR ALL CONDUIT ENTERING BUILDING.

GENERAL "DEMOLITION" NOTES

1 ALL ELECTRICAL EQUIPMENT TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIALS UNTIL RELEASED BY OWNER'S PROJECT MANAGER. MATERIALS THAT OWNER'S PROJECT MANAGER CHOOSES TO RETAIN SHALL BE DELIVERED BY THE CONTRACTOR TO A LOCATION DESIGNATED BY THE PROJECT MANAGER. ALL OTHER MATERIALS SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.

2 REMOVE ALL EXPOSED ABANDONED COMMUNICATION CABLE FOUND DURING THE CONSTRUCTION PROCESS. SUPPORT ALL EXISTING REMAINING CABLE PER THE NEC.

3 ELECTRICAL DEVICES NOT SHOWN ON WALLS TO BE DEMOLISHED SHALL BE DEMOLISHED AT NO ADDITIONAL COST TO OWNER.

4 ELECTRICAL DEVICES NOT SHOWN ON CEILINGS OR WALLS TO REMAIN SHALL REMAIN IN PLACE. PROTECT FROM DAMAGE DURING CONSTRUCTION

5 ELECTRICAL DEVICES NOT SHOWN ON CEILINGS TO BE REMOVED SHALL BE TEMPORARILY DISCONNECTED AND REMOVED DURING DEMOLITION AND RE-INSTALLED ON NEW CEILING IN SAME LOCATION.

GENERAL EXISTING CONDITION NOTES

1 AREAS OF WORK EXIST FOR THIS PROJECT WHICH ARE NOT ACCESSIBLE OR HAVE LIMITED ACCESS DURING DESIGN. AS SUCH CONTRACTOR SHALL VERIFY ALL UTILITIES IN AREA OF WORK BEFORE DEMOLITION OF ANY SERVICE. ANY ELECTRICAL COMPONENTS NOT SHOWN SHALL BE IDENTIFIED AND THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED AS SOON AS POSSIBLE. NO ELECTRICAL REWORK SHALL BE COMMENCED WITHOUT COORDINATION OF BOTH ARCHITECT AND ENGINEER.

2 IN AREAS WHERE THE EXISTING CEILINGS ARE NOT SLATED TO BE REMOVED, THE CONTRACTOR SHALL WORK THRU THE EXISTING CEILINGS (SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR AREA OF WORK). THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID THAT IS A RESULT OF THEIR WORK.

3 REFER TO ARCHITECTURAL PLANS FOR PHASING OF CONSTRUCTION.

4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A FIRESTOP SYSTEM IN ALL PENETRATIONS OF FIRE-RATED WALLS CREATED BY THE REMOVAL OF EXISTING ELECTRICAL CONDUIT OR CABLES, AS WELL AS THOSE CREATED BY NEWLY INSTALLED CONDUITS AND SLEEVES.

5 WHERE INSTALLATION REQUIRES CUTTING OR DRILLING OF THE EXISTING FLOOR SLAB, THE CONTRACTOR SHALL X-RAY THE EXISTING SLAB PRIOR TO WORK TO ENSURE THAT NO EXISTING UTILITIES OR STRUCTURAL ELEMENTS IN THE SLAB WILL BE COMPROMISED BY THE WORK. NOTIFY THE ARCHITECT/ENGINEER OF ANY CONFLICTS THAT WILL REQUIRE RELOCATING THE PROPOSED SLAB WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED UTILITIES OR STRUCTURAL ELEMENTS CAUSED BY THE SLAB DEMOLITION.

6 SUPPORT ALL EXISTING CONDUITS AND JUNCTION BOXES ABOVE THE CEILING PER NEC IN THE CONSTRUCTION AREA.

7 REMOVE ALL ABANDONED CONDUIT, WIRE, AND COMMUNICATION CABLES ABOVE THE CEILING IN THE CONSTRUCTION AREA.

8 PROVIDE JUNCTION BOX COVER PLATES ON ALL EXISTING JUNCTION BOXES ABOVE THE CEILING IN THE CONSTRUCTION AREA.

9 SUPPORT ALL EXISTING COMMUNICATION CABLES ABOVE THE CEILING IN THE CONSTRUCTION AREA

10 WHERE INFORMATION SHOWN ON THESE DRAWINGS CONFLICTS WITH VERIFIED FIELD CONDITIONS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER

GENERAL "POWER" NOTES

1 ALL BRANCH CIRCUITS INDICATED ON THESE PLANS TO BE LARGER THAN NO. 12 AWG SHALL BE SIZED AS INDICATED FOR THE ENTIRE LENGTH OF THE CIRCUIT.

2 WHEN A RECEPTACLE IS INDICATED TO BE MOUNTED ADJACENT TO A COMPUTER/TELEPHONE/ TELEVISION OUTLET, THE DEVICE(S) SHALL BE MOUNTED WITHIN 6" CENTER-TO-CENTER.

3 PROVIDE AND INSTALL AN ENGRAVED LAMINATED PLASTIC NAMEPLATE ON EACH ITEM OF ELECTRICAL EQUIPMENT SERVING MECHANICAL EQUIPMENT WHICH MATCH MECHANICAL DESCIPTIONS, TO INDICATE THE DESIGNATION OF THE UNIT ON THE PLANS & THE BRANCH CIRCUIT SERVING THE EQUIPMENT.

4 PROVIDE NEMA CONFIGURATION RECEPTACLES TO MATCH PLUGS ON EQUIPMENT FURNISHED.

5 PROVIDE LABEL ON FACEPLATES USING 1/8" HIGH BLACK LETTERS ON COVER PLATE OF ALL RECEPTACLES, SWITCHES & WALL MOUNTED DEVICES INDICATING PANEL AND BRANCH CIRCUIT TO WHICH EACH DEVICE IS CONNECTED.

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (WALL MOUNTED @ 18"AFF)	F	FIRE ALARM PULL STATION (WALL MOUNTED @ 48" AFF TOP OF BOX)
	DUPLEX RECEPTACLE (GFI TYPE @ 18"AFF)	A/V	FIRE ALARM AUDIBLE/VISUAL DEVICE (WALL MOUNTED @ 7'-6" AFF)
	DUPLEX RECEPTACLE (@ 6" ABOVE COUNTER)	A/V	FIRE ALARM AUDIBLE/VISUAL DEVICE (CEILING MOUNTED)
	DUPLEX RECEPTACLE (GFI TYPE @ 6" ABOVE COUNTER)	S	SMOKE DETECTOR (WALL MOUNTED)
	QUAD RECEPTACLE (WALL MOUNTED @ 18"AFF)	S	SMOKE DETECTOR (CEILING MOUNTED)
	QUADPLEX RECEPTACLE (FLOOR MOUNTED)	SPD	SURGE PROTECTION DEVICE
	JUNCTION BOX (WALL MTD)		PANELBOARD (SURFACE MOUNTED)
	PHONE OR DATA OUTLET (WALL MOUNTED @ 18"AFF) SEE COMMUNICATIONS RISER FOR ADDITIONAL INFO		CONTROL PANEL (SURFACE MOUNTED)
	PHONE OR DATA OUTLET (MTD ABOVE COUNTER) SEE COMMUNICATIONS RISER FOR ADDITIONAL INFO	#	DISCONNECT SWITCH, (REFER TO EQUIPMENT CONNECTION SCHEDULE)
^{D}	LIGHT SWITCH, DIMMER TYPE		DISCONNECT SWITCH, (NON PROTECTED)
$	LIGHT SWITCH, SINGLE POLE	#	KEY NOTE CALLOUT (REFER TO KEY NOTES ON SHEET)
$^{3}	LIGHT SWITCH, 3 WAY TYPE		
$^{a}	LOWER CASE SUBSCRIPT INDICATES SWITCH-LEG		

LIGHT FIXTURE SCHEDULE

SYMBOL	FIXTURE SPECIFICATIONS TYPE	FIXTURE DESCRIPTION	MANUFACTURER	CAT. #	LAMPING LUMENS	LAMPING COLOR TEMP	ELECTRICAL FIXT. LOAD	ELECTRICAL VOLTS	MOUNTING REMARKS
	A2	2'X2' LED FLAT PANEL	ILP	VPAN22 22L/33L/44L U 35/40/50	2200	3500	34	120 V	RECESSED IN CEILING
	A2E	SAME AS TYPE "A2" EXCEPT WITH BATTERY BACKUP	ILP	VPAN22 22L/33L/44L U 35/40/5 EM80	2200	3500	34	120 V	RECESSED IN CEILING
	A4	2'X4' LED FLAT PANEL	ILP	VPAN24 22L/33L/44L U 35/40/50	4400	3500	40	120 V	RECESSED IN CEILING
	A4E	SAME AS TYPE "A4" EXCEPT WITH BATTERY BACKUP	ILP	VPAN24 22L/33L/44L U 35/40/5 EM80	4400	3500	40	120 V	RECESSED IN CEILING
	B	10" SURFACE MOUNTED LED	BLACKJACK	DSQ-10F-SN-27U-35K	1541	3500	18	120 V	CEILING SURFACE
	C	WALL SCONCE - VERTICAL	KUZCO	WS83218-BG	1200	3000	18	120 V	WALL MTD
	D	4" LED DOWNLIGHT	LITHONIA	LDN4 AL02 SWW1 L04 AR LSS WD MVOLT UGZ	1000	3500	18	120 V	RECESSED IN CEILING
	DE	SAME AS TYPE "A2" EXCEPT CONNECTED TO INVERTER	LITHONIA	LDN4 AL02 SWW1 L04 AR LSS WD MVOLT UGZ	1000	3500	18	120 V	RECESSED IN CEILING
	F	LOBBY WALL SCONCE - VERTICAL	OXYGEN	3-590-24-35	1872	3500	29	120 V	WALL MTD
	H	2.5" LED RECESSED SLOT FIXTURE	ALIGHTS	ACL5 5 LH 35 U HE G W D	5375	3500	50	120 V	RECESSED IN CEILING
	P1	32" CONFERENCE LED CHANDELIER	KUZCO	CH87232-BG	2785	3000	113	120 V	PENDANT MTD
	P2	LOBBY LED CHANDELIER	OXYGEN	3-688-15	803	3500	35	120 V	PENDANT MTD
	X1	SINGLE FACE EXIT SIGN	LITHONIA	EDG 1 R EL		LED	3	120 V	CEILING SURFACE

LIGHT FIXTURE SCHEDULE NOTES

1 LIGHTING FIXTURE CATALOG NUMBERS ARE INDICATIVE OF THE STYLE OF FIXTURE REQUIRED. CONTRACTOR SHALL PROVIDE FIXTURES WITH THE PROPER TRIM, VOLTAGE AND OPTIONS NECESSARY FOR INSTALLATION.

2 LUMENS LISTED IN SCHEDULE REPRESENT DELIVERED LUMENS OF FIXTURES.

3 SEE ARCHITECTURAL RCP AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHTS.

4 REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING DETAILS OF LIGHT FIXTURE TO ACOUSTICAL CEILING SYSTEM AND STRUCTURE.

5 CONFIRM QUANTITIES OF FIXTURES SHOWN IN RCP MATCH QUANTITIES SHOWN ON ELECTRICAL PLANS PRIOR TO BID. IF NO DISCREPANCIES ARE NOTED PRIOR TO BID THE HIGHEST QUANTITY OF EACH FIXTURE TYPE SHOWN SHALL BE PROVIDED.

6 DOUBLE-FACED EXIT FIXTURES SHALL BE OF THE SAME MANUFACTURER & SERIES AS THE SINGLE TYPE SPECIFIED.

7 ALL EXIT SIGNS SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.

8 MOUNT UNDER CABINET FIXTURE TO UNDERSIDE OF SURFACE USING SPACERS TO PROVIDE ¼"AIR GAP. HOLD FIXTURE 1/8" OFF WALL. FOR FIXTURES BELOW CABINETS, MAKE FLEXIBLE FINAL CONNECTIONS FROM JUNCTION BOX IN CEILING CAVITY ABOVE FIXTURES. DO NOT INSTALL OUTLET AT FIXTURE.

9 EXACT LOCATIONS OF LIGHTING FIXTURES IN MECHANICAL SPACES SHALL BE DETERMINED IN THE FIELD. DO NOT SUPPORT FIXTURES FROM DUCT OR PIPING. PROVIDE CHAIN OR TRAPEZE-TYPE HANGERS WHERE FIXTURES CAN NOT BE MOUNTED DIRECTLY TO CEILING.

EXISTING PANELBOARD: M
SUPPLIED FROM:
MOUNTING: SURFACE
DISTRIBUTION: 120/240 Single
PHASES: 1
WIRES: 3
ENCLOSURE: Type 1
A.I.C. RATING: EXISTING
MAINS RATING: 225 A
MCB RATING: 150 A

WIRE SIZE	NTS	CKT	DESCRIPTION	BKR	P	A		B		P	BKR	DESCRIPTION	CKT	NTS	WIRE SIZE
--		1	EXISTING	20	1	0.0	0.0			1	20	EXISTING	2		--
--		3	EXISTING	20	1			0.0	0.0	1	20	EXISTING	4		--
--		5	EXISTING	20	1	0.0	0.0			1	20	EXISTING	6		--
--		7	EXISTING	20	1			0.0	0.0	1	20	EXISTING	8		--
--		9	EXISTING	20	1	0.0	0.0			1	20	EXISTING	10		--
--		11	EXISTING	20	1			0.0	0.0	2	70	EXISTING	12		--
--		13	EXISTING	20	1	0.0	0.0						14		
--		15	EXISTING	20	1			0.0	0.0	1	20	EXISTING	16		--
--		17	EXISTING	50	2	0.0	0.0			1	20	EXISTING	18		--
		19						0.0	0.0	1	20	EXISTING	20		--
1-#8, 1-#8, 1-#8		21	LIGHTING - RENOVATED SPACES	20	1	1.8	0.0			2	30	EXISTING	22		--
1-#10, 1-#10, 1-#10		23	LOBBY 162 - RECEPS	20	1			1.4	0.0				24		
1-#12, 1-#12, 1-#12		25	OFFICE 163 - RECEPS	20	1	0.7	1.1			1	20	OFFICE 162 - RECEPS	26		1-#12, 1-#12, 1-#12
1-#10, 1-#10, 1-#10		27	COPIER RM 166 - RECEPS	20	1			1.6	1.1	1	20	OFFICE 168 - RECEPS	28		1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12		29	RR 167, CORR 162A, 169A - RECEPS	20	1	**0.7**	**0.9**			1	20	OFFICE 165 - RECEPS	30		1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12		31	OFFICE 165 - RECEPS	20	1			**0.7**	**0.4**	1	20	KIT 169 - RECEPS	32		1-#12, 1-#12, 1-#12
--		33	EXISTING HOT WATER HEATER	40	2	**0.0**	**0.2**			1	20	KIT 169 - MIC.	34		1-#12, 1-#12, 1-#12
		35						**0.0**	**1.1**	1	20	CONF 170 - SOUTH RECEPS	36		1-#12, 1-#12, 1-#12
1-#12, 1-#12, 1-#12		37	CONF 170 - NORTH RECEPS	20	1	0.9	2.1			2	**25**	**SHP-1 & DAHU-1**	38	1,2	2-#10, 1-#10, 1-#10
2-#12, 1-#12, 1-#12		39	EXISTING RADIANT HEATER CONFERENCE ROOM	20	2			2.4	2.1				40		
		41				**2.4**	**0.0**			1	20	SPARE	42		--
			TOTAL PER PHASE KVA:			10.8		10.7				**CONNECTED KVA:**	21.6		
			TOTAL PER PHASE AMPACITY:			90		89				**CONNECTED AMPACITY:**	90		

NOTES (NTS COLUMN):
1) PROVIDE NEW BREAKER
2) INSIDE MECH UNIT FED FROM OUTSIDE UNIT

GENERAL PANEL SCHEDULE NOTES

1 FIELD VERIFY EXISTING LOAD SERVED BY EACH BRANCH AND CLEARLY LABEL IN PANELBOARD SCHEDULES.

2 CIRCUITS INDICATED TO FEED NEW LIGHTING AND ELECTRICAL DEVICES ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING EXISTING BREAKERS WHERE ADDITIONAL SPACE IS NEEDED BUT AVAILABLE.

3 EXISTING BREAKERS SHOWN IN PANEL SCHEDULES ARE FOR REFERENCE ONLY.

4 EXISTING LOADS SHOWN ON PANELBOARD SCHEDULES WERE TAKEN FROM EXISTING AS-BUILT DOCUMENTS AND PANELBOARD DIRECTORIES. CONTRACTOR SHALL TRACE AND FIELD VERIFY ALL EXISTING BRANCH CIRCUITS IN EACH PANEL THAT IS MODIFIED AND PROVIDE A NEW COMPLETE AND CORRECT PANEL SCHEDULE IN EACH PANEL. EACH CIRCUIT SHALL LIST LOAD DESCRIPTION AND LOCATION (ROOM #'S).

EQUIPMENT CONNECTION SCHEDULE

UNIT I.D.	CONNECTION DESCRIPTION	ELECTRICAL SUMMARY VOLTAGE	# OF POLES	LOAD (VA)	DISCONNECT SUMMARY FURN. BY	DISC. TYPE	DISC. RATING	NEMA RATING	NOTES
CEF-1	CEILING EXHAUST FAN	120 V	1	40	M				2
DAHU-1	AIR HANDLER	240 V	2	240	E	NFD	30 A	1	1,2,3,4,5
SHP-1	SPLIT HEAT PUMP	240 V	2	3952	E	FD	30 A	3R	1,2,3,4,5

EQUIPMENT CONNECTION SCHEDULE NOTES

1 ALL SWITCHES SHALL BE HEAVY DUTY TYPE AT 480-VOLT AND GENERAL DUTY TYPE FOR 240-VOLT.

2 "W" DENOTES DISCONNECT SWITCH INTEGRAL WITH MECHANICAL EQUIPMENT. "E" DENOTES DISCONNECT IS FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

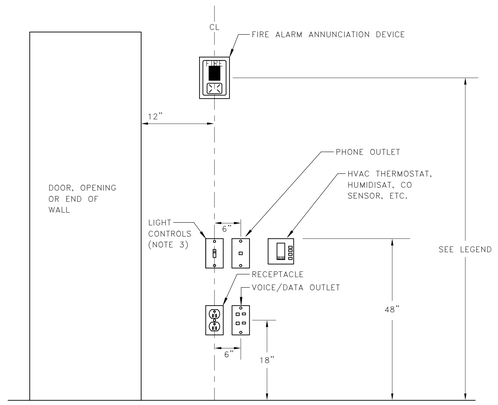
3 FOR DISCONNECT TYPE: "F" DENOTES FUSIBLE TYPE, "NF" DENOTES NON-FUSIBLE TYPE, AND "MTR" DENOTES MOTOR RATED TOGGLE SWITCH WITH LOCK-OUT ACCESSORY.

4 PROVIDE FUSES PER EQUIPMENT MANUFACTURER'S NAMEPLATE INFORMATION / WRITTEN INSTRUCTIONS.

5 INDOOR UNIT RECEIVES POWER AND COMMUNICATION FROM OUTDOOR UNIT THROUGH FIELD SUPPLIED INTERCONNECTED WIRING BY ELECTRICAL CONTRACTOR.

ABBREVIATIONS

ABR	DESCRIPTION
(E)	EXISTING
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
BAS	BUILDING AUTOMATION SYSTEM
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BOD	BOTTOM OF DEVICE
CBB	COMMUNICATIONS BACK BOARD
cd	CANDELA
CLG	CEILING
ECB	ENCLOSED CIRCUIT BREAKER
EF	EXHAUST FAN
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FDS	FUSED DISCONNECT SWITCH
FSD	FIRE/SMOKE DAMPER
GBB	GROUND BUSS BAR
GFCI	GROUND-FAULT CIRCUIT-INTERRUPTING
GFI	GROUND-FAULT INTERRUPTING
GP	GENERAL PURPOSE
HP	HEAT PUMP
ICP	IRRIGATION CONTROL PANEL
IG	ISOLATED GROUND
J-BOX	JUNCTION BOX
LCS	LIGHTING CONTROL SYSTEM
NEC	NATIONAL ELECTRIC CODE
NFDS	NON-FUSED DISCONNECT SWITCH
OC	ON CENTER
RFAP	REMOTE FIRE ALARM ANNUNCIATOR PANEL
RTU	ROOF TOP UNIT
SD	SMOKE DETECTOR
SPD	SURGE PROTECTION DEVICE
TGB	TELEPHONE GROUNDING BUSS BAR
UNO	UNLESS OTHERWISE NOTED
UTP	UNSHIELDED TWISTED PAIR
VFD	VARIABLE FREQUENCY DRIVE
W/	WITH
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER



NOTE:
1. DEVICES SHOWN WITHIN 48" OF EACH OTHER ON ALL ELECTRICAL PLANS SHALL BE ALIGNED PER THIS DETAIL. IF DEVICES ARE SHOWN IN MIDDLE OF WALL, THEN CENTER DEVICES ON WALL.
2. DEVICES ABOVE COUNTER SHALL BE MAXIMUM OF 44" TO TOP OF DEVICE. SEE ELEVATIONS FOR ADDITIONAL INFORMATION.
3. WALL MOUNT LIGHTING CONTROLS SHALL BE GANGED TOGETHER UNDER A COMMON FACEPLATE.

1 E001 DEVICE ALIGNMENT DETAIL
NOT TO SCALE

ELECTRICAL DRAWING INDEX

DEMOLITION/RENOVATION NOTATION

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E EXISTING FIXTURE OR DEVICE TO REMAIN IN PLACE.
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RN RELOCATED FIXTURE (NEW LOCATION).
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ELECTRICAL NOTES & LEGENDS

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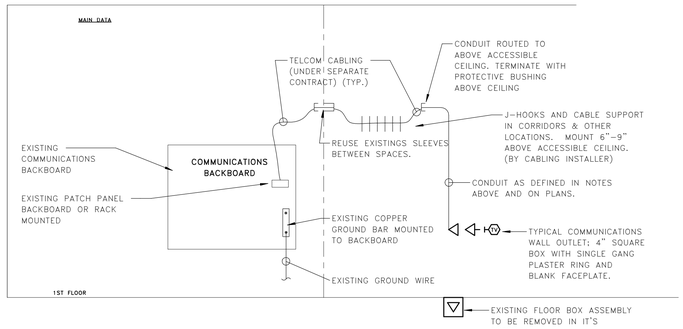
Drawn: TSR
Checked: JLA

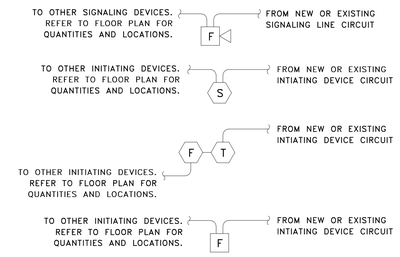
E001

GENERAL COMMUNICATIONS SYSTEM NOTES

1. COMMUNICATIONS SYSTEM SHALL CONSIST OF BOXES, RACEWAYS, AND CABLE-TRAY. CABLING, TERMINATIONS AND EQUIPMENT SHALL BE PROVIDED UNDER A SEPARATE CONTRACT WITH THE OWNER.
2. MINIMUM RACEWAY SIZE FOR ALL COMMUNICATIONS SYSTEM OUTLETS IS 1". PROVIDE PROTECTIVE BUSHINGS ON EACH END OF ALL RACEWAYS. ALL EMPTY RACEWAYS SHALL BE PROVIDED WITH PULL STRINGS.
3. EXTEND CONDUIT WITH PULL STRING FROM EACH COMMUNICATIONS OUTLET TO (ABOVE THE LAY IN CEILING). TURN CONDUIT 12" INTO CEILING CAVITY A MINIMUM OF 6" ABOVE THE CEILING AND TERMINATE WITH AN INSULATED PROTECTIVE BUSHING.
4. COMMUNICATION OUTLET BOX SHALL BE 4" SQUARE, 2-1/2" DEEP, WITH SINGLE GANG RING.
5. THERE SHALL BE NO MORE THAN 180-DEGREES OF BENDS BETWEEN PULL POINTS FOR COMMUNICATIONS PATHS.
6. CONDUIT SLEEVES SHALL BE USED IN LIEU OF CABLE TRAY WHEN OVER GYP. CEILINGS.



1 / E002 COMMUNICATIONS RISER DIAGRAM
SCALE: NOT TO SCALE



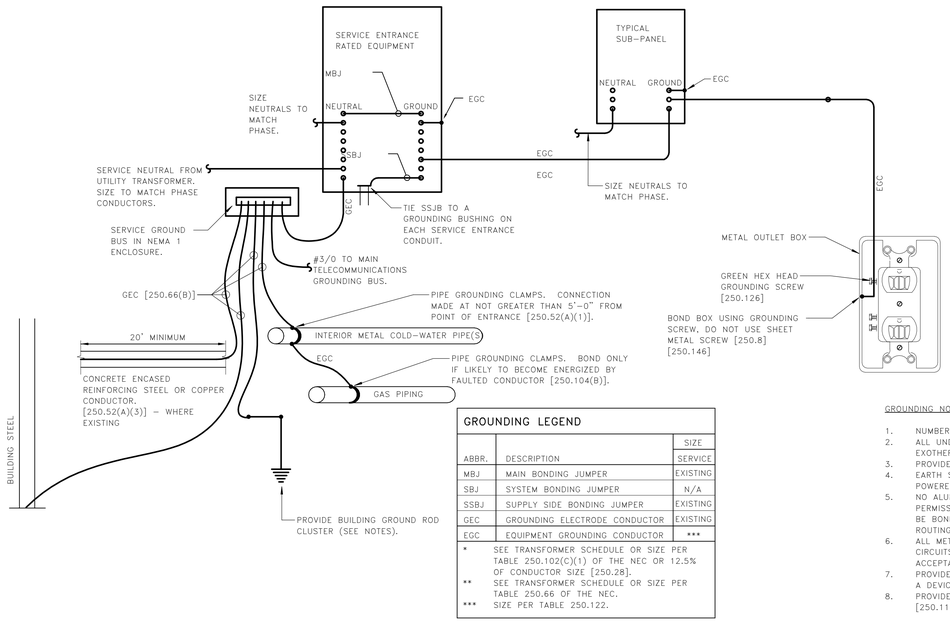
FLOOR

EXISTING FIRE ALARM SYSTEM NOTES

1. SEE FLOOR PLANS FOR INTENDED COVERAGE OF FIRE ALARM SYSTEM. ALL FIRE ALARM WORK SHALL BE PROVIDED BY A FIRE ALARM CONTRACTOR CERTIFIED BY MANUFACTURER TO WORK ON THE SYSTEM.
2. EXISTING BUILDING FIRE ALARM SYSTEM IS BASED ON #NOTIFIER#. PROVIDE ADDITIONAL POWER SUPPLIES AND OTHER SYSTEM ACCESSORIES REQUIRED TO SUPPORT ADDITIONAL DEVICES.
3. INITIATING DEVICES SHALL BE SMOKE DETECTORS, HEAT DETECTORS, MANUAL PULL STATIONS.
4. UPON ACTIVATION OF ANY VALVE SUPERVISORY (TAMPER) SWITCH, A DISTINCT SIGNAL ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION SHALL BE SENT TO THE FACP. VISUAL PORTION OF SIGNAL SHALL BE CONTINUOUS. TONE DURATION SHALL BE 3 SECONDS.
5. SYSTEM TROUBLE (OPEN WIRING, SHORTED WIRING, OR GROUND FAULTS) SHALL BE ANNUNCIATED BOTH AUDIBLY AND VISUALLY AT THE FACP AND AT ALL ANNUNCIATORS.
6. NOTIFICATION APPLIANCE CIRCUITS THAT PASS THROUGH A ZONE OTHER THAN THE ZONE IN WHICH THEY ARE NOTIFYING SHALL BE INSTALLED IN A 2-HOUR RATED CABLE/CONDUIT ASSEMBLY.
7. PROVIDE ALL DUCT SMOKE DETECTORS AND ACCESSORIES NECESSARY FOR INTERLOCKING WITH MECHANICAL EQUIPMENT (AHU'S, SMOKE DAMPERS, ETC). COORDINATE WITH MECHANICAL PLANS FOR LOCATIONS AND REQUIREMENTS. DETECTORS SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR, WIRED TO FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR, AND TIED TO MECHANICAL CONTROLS FOR AHU SHUTDOWN BY MECHANICAL CONTRACTOR.
8. FIRE ALARM CONTRACTOR SHALL COORDINATE WITH THE OWNER, AND LOCAL FIRE MARSHALL REGARDING THE REQUIRED NOTIFICATION ZONING REQUIREMENTS AND PROVIDE 2-HOUR RATED CABLE/CONDUIT ASSEMBLY FOR EACH REQUIRED ZONE.
9. ALL SYSTEM WIRING SHALL BE CLASS B, NO T-TAPPING IS PERMITTED.
10. ALL FIRE ALARM SYSTEM CABLING SHALL BE IN RED CONDUIT.
11. SEQUENCE OF OPERATION SHALL BE BASED ON EXISTING SYSTEM PROGRAMMING. THIS SCOPE OF WORK WILL NOT REQUIRE ANY MODIFICATIONS.

3 / E002 EXISTING FIRE ALARM SYSTEM SINGLE-LINE
SCALE: NOT TO SCALE

DIAGRAM PROVIDES OVERALL VIEW OF BUILDING GROUNDING SYSTEM. EQUIPMENT SHALL BE GROUNDED BASED ON ITS PORTION OF THIS DIAGRAM.



GROUNDING LEGEND

ABBR.	DESCRIPTION	SIZE
MBJ	MAIN BONDING JUMPER	SERVICE
SBJ	SYSTEM BONDING JUMPER	N/A
SSBJ	SUPPLY SIDE BONDING JUMPER	EXISTING
GEC	GROUNDING ELECTRODE CONDUCTOR	EXISTING
EGC	EQUIPMENT GROUNDING CONDUCTOR	***

* SEE TRANSFORMER SCHEDULE OR SIZE PER TABLE 250.102(C)(1) OF THE NEC OR 12.5% OF CONDUCTOR SIZE [250.28].
** SEE TRANSFORMER SCHEDULE OR SIZE PER TABLE 250.66 OF THE NEC.
*** SIZE PER TABLE 250.122.

GROUNDING NOTES:

1. NUMBERS IN BRACKETS REFER TO SPECIFIC SECTIONS OF THE NATIONAL ELECTRICAL CODE.
2. ALL UNDERGROUND OR OTHERWISE INACCESSIBLE GROUND CONNECTIONS AND SPLICES SHALL BE EXOTHERMICALLY WELDED [250.68].
3. PROVIDE A GROUND WIRE IN ALL CONDUITS.
4. EARTH SHALL NOT BE USED AS THE SOLE GROUND RETURN PATH FOR ANY EQUIPMENT POWERED UNDER THIS PROJECT.
5. NO ALUMINUM SHALL BE USED FOR GROUNDING WORK WITHOUT THE SPECIFIC WRITTEN PERMISSION OF THE ENGINEER. EXCEPTION: ALUMINUM BUILDING STRUCTURAL MATERIALS SHALL BE BONDED WITH LISTED ALUMINUM EQUIPMENT WITH ALUMINUM TO COPPER CONNECTORS FOR ROUTING COPPER EGC'S.
6. ALL METAL ENCLOSURES AND RACEWAYS SHALL BE BONDED TO GROUND [250.86]. FOR CIRCUITS OVER 250V PROVIDE BOND PER [250.97]. STANDARD LOCKNUTS ARE NOT ACCEPTABLE.
7. PROVIDE EGC CONNECTED TO ANY JUNCTION BOX WHERE SPLICE IS MADE [250.148] OR WHERE A DEVICE IS INSTALLED.
8. PROVIDE BOND TO EXPOSED METAL ON ALL MOTORS, PUMPS, AND LIGHTING FIXTURES PER [250.112].

2 / E002 GROUNDING DETAIL
SCALE: 12" = 1'-0"

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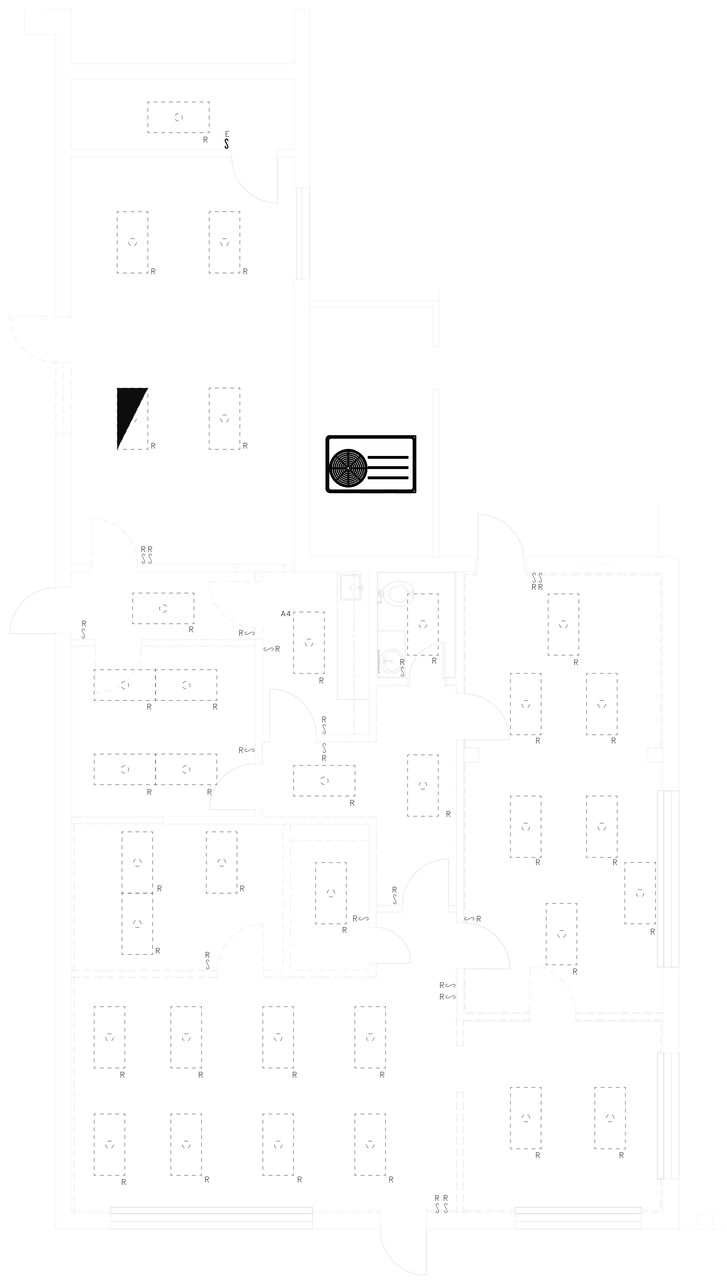
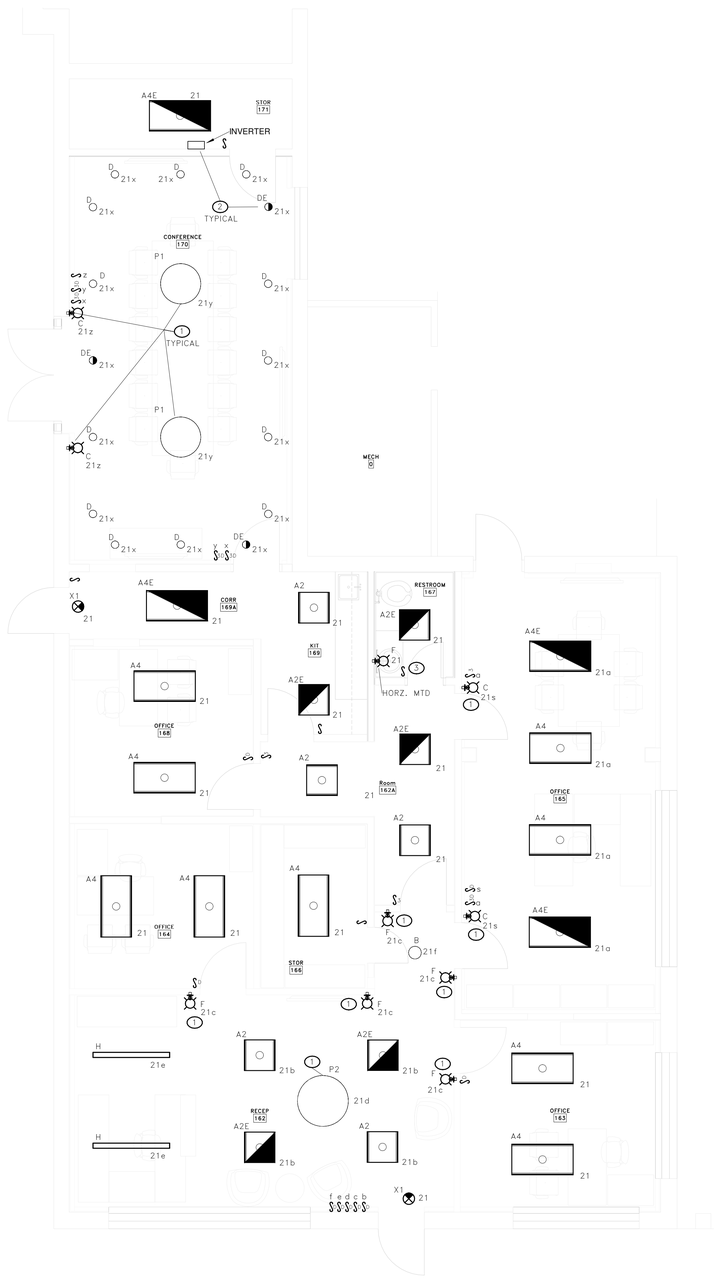
Drawn:	TSR	
Checked:	JLA	



3 LIGHTING DEMOLITION PLAN
E201 SCALE: 1/4" = 1'-0"



1 LIGHTING RENOVATION PLAN
E201 SCALE: 1/4" = 1'-0"

KEY NOTES

1 COORDINATE ALL PENDANT AND SCONCE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-INS.

2 FOR TYPE "DE" FIXTURES IN CONFERENCE ROOM PROVIDE INVERTER MOUNTED REMOTELY IN THE STORAGE ROOM FOR EMERGENCY POWER TO FIXTURES. LABEL DEVICES CLEARLY AND FIXTURES SUPPORTED FOR REQUIRED TESTING.

3 LIGHT SWITCH IN THIS SPACE SHALL ALSO CONTROL CEF-1.

LIGHT FIXTURE PLAN KEY

SHADING INDICATES EMERGENCY FIXTURE CONNECTED SUPPLIED WITH EMERGENCY BATTERY PACK

CE d = UPPERCASE LETTER / LETTERS INDICATE FIXTURE TYPE
d = LOWERCASE LETTER INDICATES SWITCH IDENTIFICATION
NL or EM = INDICATES NON SWITCHED "NIGHT LIGHT" / "EMERGENCY"
NL A-2 = DESIGNATES PANEL NAME - CIRCUIT NUMBER

NOTE:
ALL EMERGENCY FIXTURES INDICATED IN PLAN SHALL UTILIZE EMERGENCY BATTERY PACKS. ALL EMERGENCY FIXTURES REQUIRE AN EXTRA CONSTANT POWER CONDUCTOR TO BE CONNECTED TO THE EMERGENCY BALLAST FOR CHARGING AND SENSING. CONDUCTOR MUST NOT BE CONTROLLED BY ANY LIGHTING SYSTEM OR HAVE POWER INTERUPTED AT ANY TIME. "NL" FIXTURES SHALL HAVE ABSOLUTELY NO LIGHTING CONTROL & SHALL BE OPERATIONAL AT ALL TIMES.

IN BOTH CASES "EM" & "NL" , WHERE UTILITY POWER SHOULD FAIL, FIXTURES SHALL REMAIN OPERATIONAL FOR A MINIMUM 90 MINUTES @ 1400 LUMENS.

LIGHT CONTROL SCHEME

LIGHTING CONTROL SYMBOL CORRELATES WITH DESIRED CONTROL SCHEME AS INDICATED IN THE LIGHTING CONTROL SCHEME SCHEDULE

0 4'-0" 8'-0" 12'-0" 16'-0"
SCALE: 1/4" = 1'-0"

N

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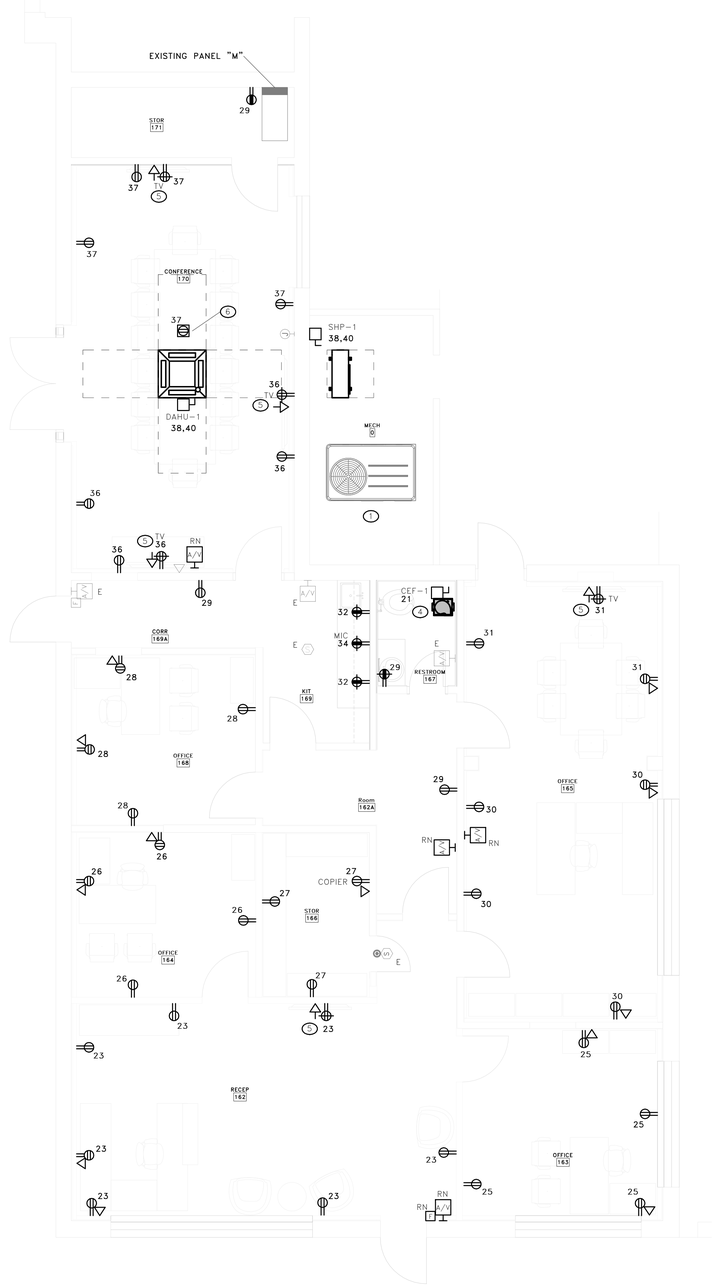
E201

2 / E301 POWER DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



1 / E301 POWER RENOVATION PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES

1 EXISTING PACKAGE HEAT PUMP TO REMAIN.

2 EXISTING FLOOR BOX TO BE REMOVED, PATCH AND FILL HOLE AS REQUIRED.

3 EXISTING PANEL TO BE REUSED. SEE PANEL NOTES ON SHEET E001.

4 CEILING EXHAUST FAN CEF-1 SHALL BE CONTROLLED ALONG WITH LIGHTS IN THIS ROOM.

5 PROVIDE AN ALL-IN-ONE BACKBOX, LEGRAND CHIEF PAC 525 OR APPROVED EQUAL FOR THE FLAT PANEL TV. PROVIDE WITH ONE DUPLEX RECEPTACLE AND ONE PROVISION FOR DATA. PROVIDE 1" CONDUIT FOR DATA TO ABOVE CEILING. COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

6 SAWCUT AND PATCH EXISTING SLAB AS REQUIRED TO PROVIDE RECESSED FLOORBOX LEGRAND OMNIBOX OR APPROVED EQUAL WITH DUPLEX RECEPTACLE. COORDINATED FLOORBOX COVER FINISH WITH ARCHITECT.

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RE EXISTING DEVICE TO BE REMOVED BY THE ELECTRICAL CONTRACTOR. EXISTING CIRCUIT SHALL BE RETAINED. PROVIDE NEW DEVICE AS SHOWN ON RENOVATION PLANS.

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