



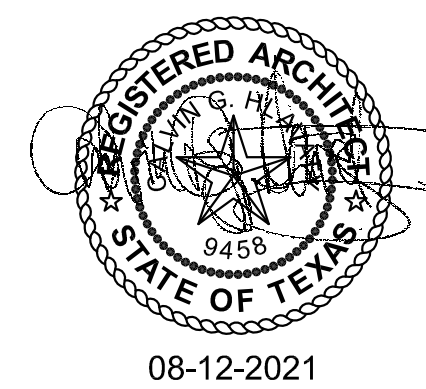
VIVIDSEATS

TENANT

VIVID SEATS
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ARCHITECT

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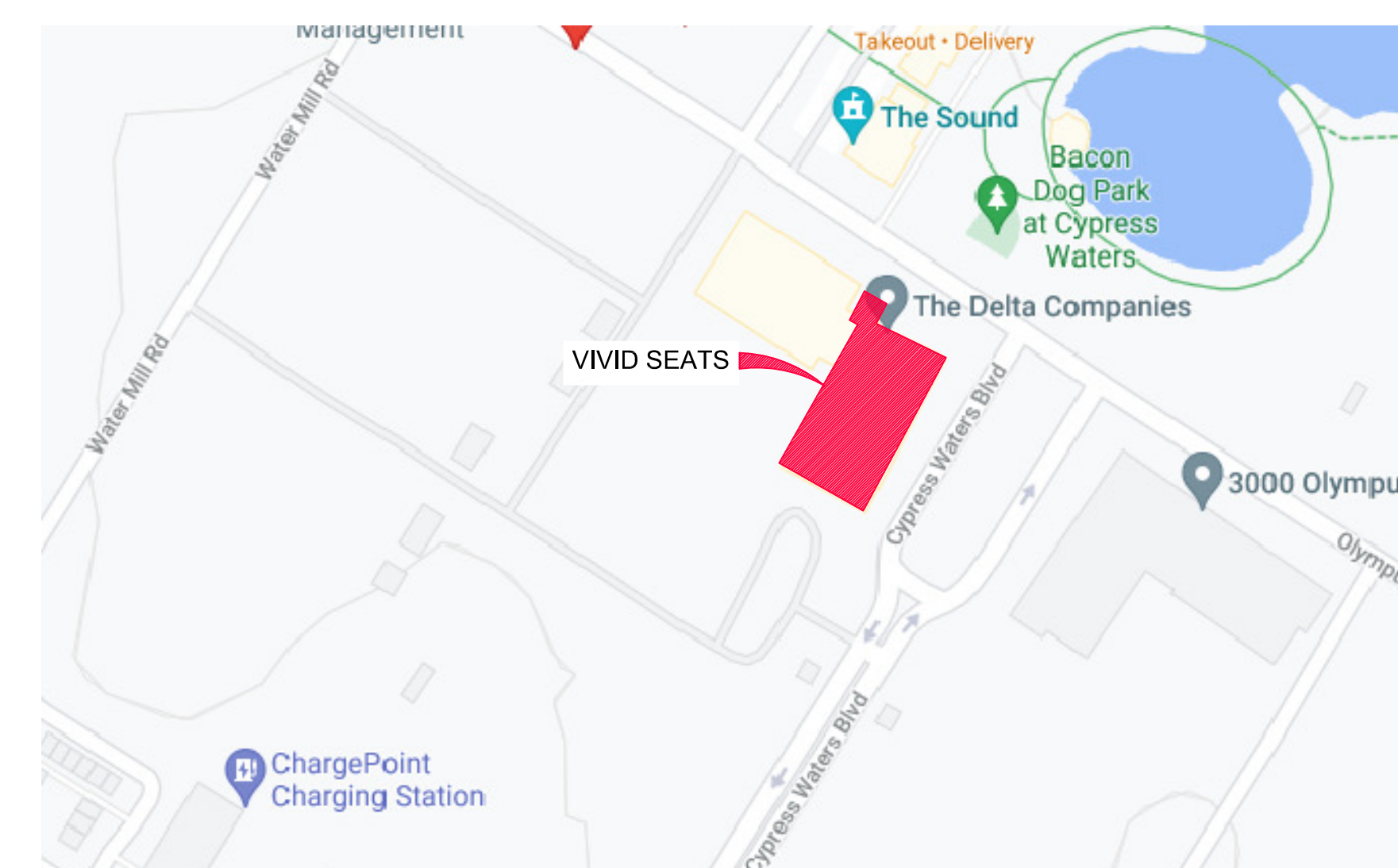
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MAP



BUILDING CODE REFERENCE

JURISDICTION	CITY OF DALLAS, TEXAS
BUILDING CODE	2015 IBC WITH AMENDMENTS
PLUMBING CODE	2015 IPC WITH AMENDMENTS
MECHANICAL CODE	2015 IMC WITH AMENDMENTS
ELECTRICAL CODE	2017 NEC WITH AMENDMENTS
FIRE/LIFE SAFETY	2015 IFC WITH AMENDMENTS
TEXAS ACCESSIBILITY STANDARDS	
ENERGY CONSERVATION CODE	2015 IECC WITH AMENDMENTS



DEMOLITION PLAN GENERAL NOTES:

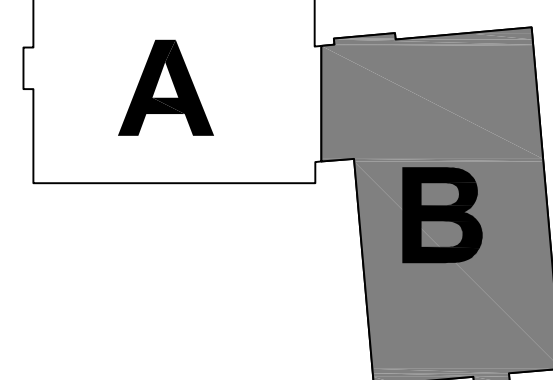
1. THE DEMOLITION PLAN IS PROVIDED FOR GENERAL QUANTITY INFORMATION ONLY.
2. THE GENERAL CONTRACTOR SHALL INSPECT THE SITE, COORDINATE WITH NEW WORK AND DETERMINE ALL MATERIAL TO BE REMOVED AND BE SOLELY RESPONSIBLE FOR DETERMINING THE SCOPE OF WORK.
3. CONTRACTOR SHALL DISASSEMBLE AND REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED, EXERCISING CAUTION NOT TO DAMAGE ANY BASE BUILDING OR REMAINING CONSTRUCTION.
4. THE CONTRACTOR SHALL COORDINATE REMOVAL OF MATERIALS WITH BUILDING MANAGEMENT AND THE TENANT, INCLUDING HOURS OF OPERATION, PROTECTION OF BASE BUILDING ELEMENTS AND AREA, AND DISPOSITION OF MATERIALS.
5. ALL BASE BUILDING ELEMENTS AND REMAINING TENANT ELEMENTS SHALL BE REPAIRED TO BE FREE OF DEFECTS AND READY TO RECEIVE NEW CONSTRUCTION OR FINISHES. PROTECT ALL EXISTING TO REMAIN ELEMENTS DURING CONSTRUCTION.
6. ALL WINDOW COVERINGS, ASSEMBLIES AND ACCESSORIES ARE EXISTING TO REMAIN U.N.O. THE GENERAL CONTRACTOR SHALL PROTECT FROM DAMAGE DURING DEMOLITION. ANY UNITS DAMAGED DURING DEMOLITION ARE TO BE REPLACED WITH NEW UNITS TO MATCH EXISTING AT THE SOLE COST OF THE GENERAL CONTRACTOR. COORDINATE WITH BUILDING MANAGEMENT FOR REPLACEMENT OF DAMAGED OR MISSING UNITS. ALL NEW UNITS MUST MATCH EXISTING BUILDING STANDARD.
7. ALL EXISTING PLUMBING TO BE REMOVED SHALL BE REMOVED BACK TO THE PLUMBING RISER AND CAPPED.
8. COORDINATE STORAGE/ DISPOSAL OF DOORS AND FRAMES SCHEDULED TO BE REMOVED WITH BUILDING MANAGEMENT.
9. ALL OUTLETS WHICH OCCUR IN WALLS SCHEDULED TO BE REMOVED SHALL HAVE CONDUCTORS REMOVED TO THE CIRCUIT DISTRIBUTION J-BOX AND MADE SAFE.
10. EXISTING CEILING TILE AND GRID TO REMAIN, U.N.O. REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION. COORDINATE WITH BUILDING OWNER FOR STORAGE OR DISPOSAL.
11. EXISTING LIGHT FIXTURES TO REMAIN, U.N.O. REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION. COORDINATE WITH BUILDING OWNER FOR STORAGE OR DISPOSAL OF REMOVED LIGHT FIXTURES.
12. FLOOR FINISHES SHALL REMAIN THROUGHOUT, U.N.O. REFER TO FINISH PLAN FOR ADDITIONAL INFORMATION.
13. PARTITION FINISHES SHALL REMAIN THROUGHOUT, U.N.O. REFER TO FINISH PLAN FOR ADDITIONAL INFORMATION.
14. EXISTING DOORS, FRAMES, HARDWARE AND SIDELIGHTS WHERE SHOWN ARE TO REMAIN THROUGHOUT, U.N.O.
15. REFER TO ENGINEERING DRAWINGS FOR SCOPE OF MEP DEMOLITION.
16. AT COMPLETION OF DEMOLITION, WALK SITE WITH TENANT AND ARCHITECT TO CONFIRM COMPLETENESS OF DEMOLITION.
17. ALL CONSTRUCTION OUTSIDE THE LEASE PREMISES IS TO REMAIN AND BE PROTECTED.
18. PRIOR TO DEMOLITION, TEST FIRE SYSTEM. COORDINATE WITH LANDLORD'S TENANT COORDINATOR.
19. COORDINATE DUMPSTER AND TEMPORARY FACILITIES LOCATIONS WITH LANDLORD.

DEMOLITION PLAN SYMBOL LEGEND

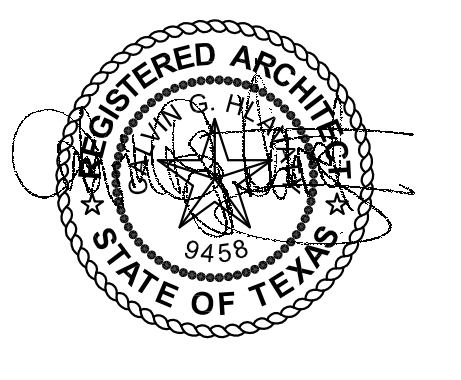
- EXISTING WALL TO REMAIN.
- - - - EXISTING CONSTRUCTION TO BE REMOVED.
- — — — EXISTING CEILING GRID TO BE REMOVED, SALVAGE FOR RE-USE.
- ⊞ EXISTING 2X2 LIGHT FIXTURE TO BE REMOVED.
- — — — EXISTING RECESSED LINEAR FIXTURE TO BE REMOVED.
- ⊞ EXISTING DUPLEX OUTLET TO BE REMOVED.
- ⊞ EXISTING QUAD OUTLET TO BE REMOVED.
- < EXISTING COMMUNICATIONS OUTLET TO BE REMOVED.
- ⊞ EXISTING BACK BOX TO BE REMOVED.

DEMOLITION KEY NOTES:

- 1 REMOVE EXISTING DOOR, FRAME AND HARDWARE. REMOVE SIDELIGHT WHERE SHOWN. SALVAGE FOR POSSIBLE REUSE.
- 2 SALVAGE GLASS FOR REUSE.
- 3 REMOVE PORTION OF EXISTING WOOD CEILING BOARDS TO ALLOW NEW FULL HEIGHT PARTITION TO BE CONSTRUCTED. REFER TO REFLECTED CEILING PLAN (A4.1) FOR ADDITIONAL INFORMATION.
- 4 EXISTING RECESSED GRAZE LIGHT FIXTURE TO BE REMOVED.
- 5 REMOVE EXISTING MARKER BOARD. PREPARE WALL FOR NEW SCHEDULED FINISH.
- 6 REMOVE EXISTING MILLWORK AND PREPARE WALL FOR NEW SCHEDULED FINISH.
- 7 REMOVE EXISTING GRAPHIC WALLCOVERING. PREPARE WALL FOR NEW SCHEDULED FINISH.
- 8 REMOVE EXISTING FLOORING AND PREPARE FOR NEW SCHEDULED FINISH.
- 9 REMOVE FULL HEIGHT GLASS PANELS
- 10 REMOVE VINYL FLOORING THIS ROOM
- 11 REMOVE EXISTING CARPET TILE THIS ROOM. SALVAGE FOR PATCHING AND RE-USE
- 12 REMOVE EXISTING ROOM SIGNAGE. SAVE FOR ARCHITECT'S USE.
- 13 EXISTING MARKER BOARD TO REMAIN
- 14 EXISTING ACOUSTICAL WALL FINISH TO REMAIN
- 15 EXISTING FABRIC PANEL AND YELLOW ACCENT PAINT TO REMAIN.



ISSUE DATE	
ISSUE FOR BID & PERMIT	08-12-2023
REVISION DATE	
PROJECT NUMBER	0981
DRAWN BY	BHA
SQUARE FOOTAGE	USF/BSF
SHEET NUMBER	



CONSTRUCTION GENERAL NOTES:

- NO CHANGES TO PLAN ARE TO BE MADE WITHOUT NOTIFYING THE ARCHITECT IN ADVANCE.
- IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANS AND THE DETAILS, PLEASE INFORM ARCHITECT OF CONFLICTS FOR FINAL DIRECTION.
- PROVIDE FULLY RECESSED FIRE EXTINGUISHER CABINETS AND EXTINGUISHER AT LOCATIONS NOTED "FE".
- ACOUSTIC INSULATION TO BE OWENS CORNING THERMAFIBER SAFB, IN PARTITION CAVITIES WHERE NOTED.
- PERIMETER CONDITION: EXISTING GLAZING SYSTEM COMPLETE; EXISTING THERMAL INSULATION ABOVE FIRST FLOOR WINDOWS AND ROOF DECK COMPLETE.
- PROVIDE SLIP JOINT AT TOP OF FULL HEIGHT PARTITIONS.

PARTITION SYMBOL LEGEND

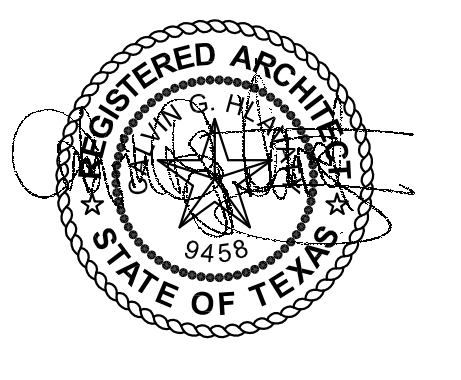
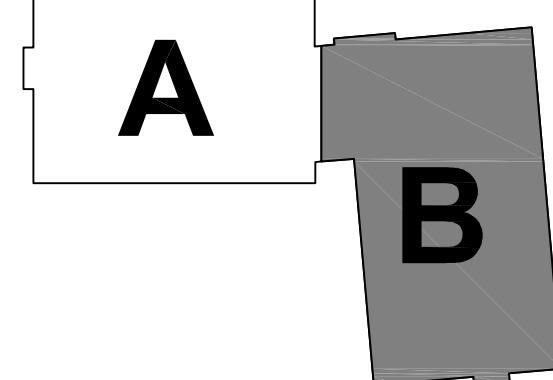
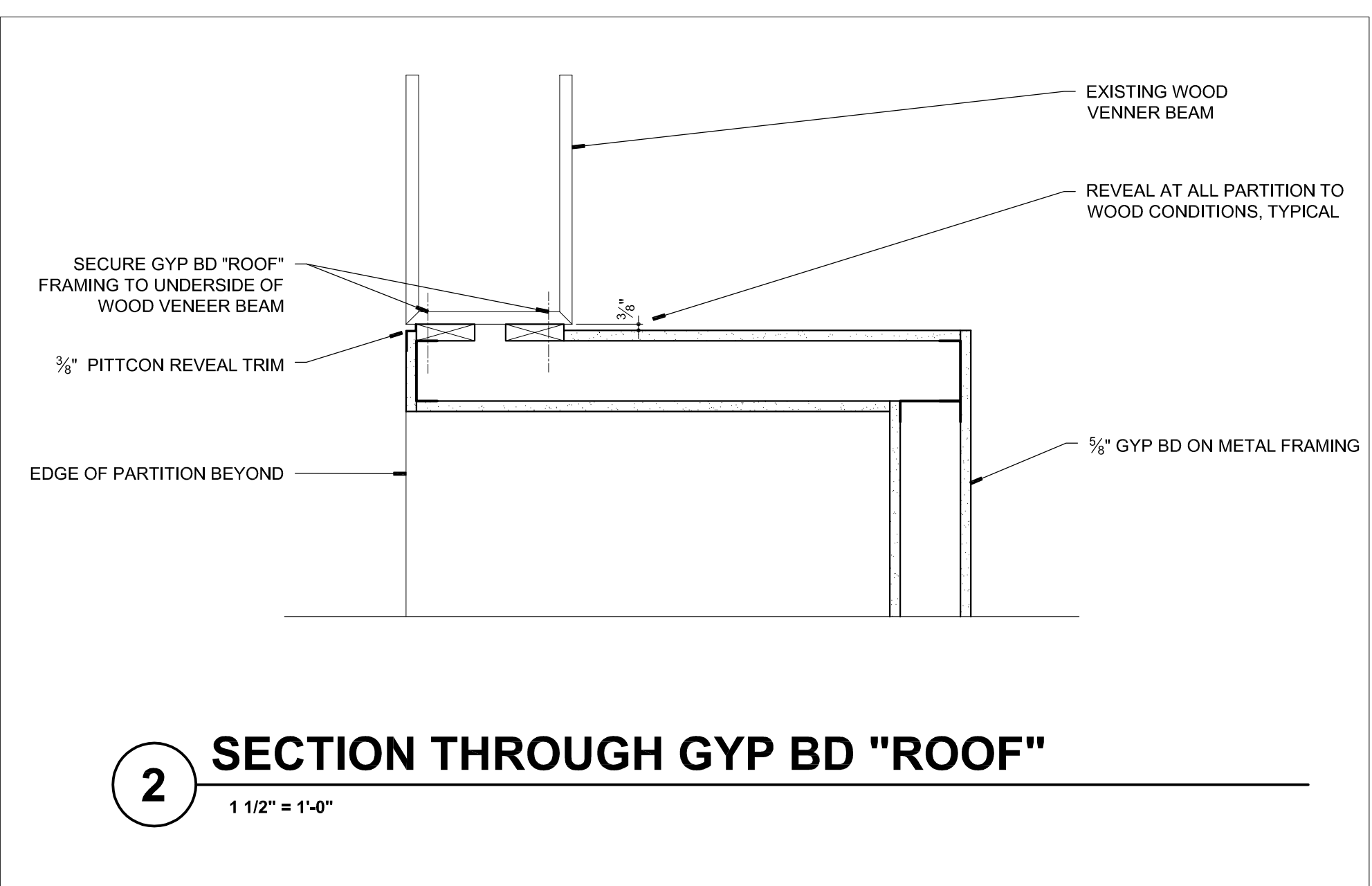
- EXISTING PARTITION TO REMAIN: VERIFY HEIGHT OF WALL.
- NEW PARTITION W/ 3 1/2" METAL STUDS @ 24" O.C. W/ 1 LAYER OF GYPSUM BOARD ON EACH SIDE FROM SLAB TO CEILING GRID. IN ALL WET AREAS, PROVIDE 5/8" CEMENT BOARD IN LIEU OF GYPSUM BOARD. PROVIDE CONTINUOUS EDGE / CORNER REINFORCEMENTS AT CEILING.
- NEW PARTITION W/ 3 1/2" METAL STUDS @ 24" O.C. TO STRUCTURE OR T.O.W. AS APPLICABLE W/ (1) LAYER 5/8" GYPSUM BOARD ON EACH SIDE. IN ALL WET AREAS, PROVIDE 5/8" CEMENT BOARD IN LIEU OF GYPSUM BOARD. INSTALL SOUND BATT INSULATION INSIDE PARTITION TO TOP OF GYP BD. PROVIDE 24" WIDE SOUND BATT INSULATION ABOVE LAY-IN CEILING EACH SIDE OF PARTITION IF APPLICABLE.
- NEW PARTITION W/ 3 1/2" METAL STUDS @ 24" O.C. W/ (1) LAYER OF 5/8" GYPSUM BOARD EACH SIDE FROM SLAB TO STRUCTURE ABOVE. IN ALL WET AREAS, PROVIDE 5/8" CEMENT BOARD IN LIEU OF GYPSUM BOARD. INSTALL SOUND BATT INSULATION FROM SLAB TO STRUCTURE ABOVE INSIDE PARTITION.

DOOR TYPES

- NOTES:
- TENANT STANDARD ALUMINUM FRAMES ARE FRAMEWORKS TYPE 2 OR EQUAL. COLOR: CLEAR ANODIZED, UNLESS NOTED OTHERWISE.
 - TENANT STANDARD DOORS ARE 3'-0" X 8'-10 1/2" (NOMINAL) SOLID CORE PRIMED PAINT GRADE WOOD VENEER DOORS TO MATCH EXISTING. VERIFY.
 - TENANT STANDARD MORTISE HARDWARE IS SCHLAGE L9000 SERIES WITH "03" STANDARD COLLECTION LEVER AND "19" ROSE. 626 FINISH. FUNCTION AS INDICATED.
 - CYLINDERS: SMALL FORMAT IC CORE COMPATIBLE; KEYWAY UNCOMBINATION IN "EVEREST" KEYWAY.
- (A) 1/2" CLEAR TEMPERED ALL GLASS ENTRY SYSTEM. DOOR TO BE 36" WIDE X FULL HEIGHT (VERIFY) X 1/2" LOW IRON HEAT SOAKED TEMPERED GLASS DOOR WITH 4" SATIN STAINLESS STEEL TAPERED RAIL TOP AND BOTTOM #4 FINISH. ADJACENT MATCHING 1/2" GLASS LIGHT TO BE IN SURFACE MOUNTED HEADER WITH GLAZING POCKET AT HEAD AND WITH 4" TAPERED RAIL TO MATCH DOOR AT SILL. PROVIDE CONTINUOUS 4" WIDE STAINLESS STEEL HEADER ACROSS ENTIRETY OF OPENING.
HARDWARE: DORMA 8855 BOTTOM PIVOT AND RT885 CONCEALED OVERHEAD CLOSER OR EQUAL. PULLS PUSH/PULL HARDWARE TO BE ORLAURENCE, INC. #7ZLFB; 72" X 12"9 STRAIGHT LADDER PULLS BRUSHED STAINLESS STEEL CENTERED VERTICALLY.
- (B) 3-0 X 8-0 (NOM) TENANT STANDARD DOOR WITH GLASS VISION PANEL. PASSAGE SET, FLOOR STOP, TWO PAIR HINGES IN ALUMINUM FRAME WITH INTEGRAL 18" WIDE 1/2" CLEAR TEMPERED GLASS SIDE LIGHTS AS SHOWN.
- (C) TENANT STANDARD DOOR WITH 72" TUBULAR PULL. SURFACE MOUNTED CLOSER W/ HOLD OPEN, FLOOR STOP, TWO PAIR HINGES IN ALUMINUM FRAME.
- (D) TENANT STANDARD DOOR WITH LOCKSET, FLOOR STOP, CLOSER, TWO PAIR HINGES IN ALUMINUM FRAME.
- (E) EXISTING DOOR TO REMAIN
- (F) EXISTING DOOR TO REMAIN. REPLACE EXISTING PASSAGE SET WITH NEW PRIVACY SET TO MATCH.
- (G) TENANT STANDARD DOOR WITH 72" TUBULAR PULL EACH SIDE, SURFACE MOUNTED CLOSER W/ HOLD OPEN, FLOOR STOP, TWO PAIR HINGES IN ALUMINUM FRAME WITH INTEGRAL 36" WIDE 1/2" (VERIFY EXISTING SIZE AND MATCH) CLEAR TEMPERED GLASS SIDE LIGHTS AS SHOWN. REUSE EXISTING GLASS WITH CUSTOM FILM SALVAGED AT DEMOLITION IN SIDE LIGHT.
- (P) TENANT STANDARD DOOR WITH PRIVACY LOCKSET, FLOOR STOP, TWO PAIR HINGES IN ALUMINUM FRAME.

CONSTRUCTION KEY NOTES:

- ALIGN
- PROVIDE IN-WALL 4" X 4" X 1/2" NON-COMBUSTIBLE WOOD BLOCKING FOR TV MONITOR SUPPORT. COORDINATE EXACT LOCATION W/ TENANT EQUIPMENT VENDOR, & TENANT PRIOR TO INSTALLATION. CENTER BLOCKING AT 60" A.F.F. U.N.O.
- PROVIDE FULL WIDTH X FULL HEIGHT 3M DUSTED CRYSTAL FILM AT GLASS VISION PANEL AND SIDELIGHT.
- CAREFULLY REMOVE EXISTING ACOUSTICAL WALL SURFACE TO PROVIDE BLOCKING AND REINSTALL TO ALLOW ACCESS TO POWER AND DATA OUTLETS.
- FACE OF PARTITION TO ALIGN WITH FACE OF WOOD NEAM ABOVE.
- NO WORK THIS ROOM OR AREA EXCEPT AS NOTED
- START PARTITION AT JOINT WITH WOOD AND GYP BD. SEPARATE NEW CONSTRUCTION FROM EXISTING CONSTRUCTION WITH 1/2" REVEAL.
- SEPARATE NEW CONSTRUCTION FROM EXISTING CONSTRUCTION WITH 3/8" REVEAL.
- CONFIRM ALL EXISTING PARTITIONS TO REMAIN EXTEND TO STRUCTURE ABOVE AND EXTEND TO STRUCTURE WITH 1/2" GYP BD EACH SIDE WITH FULL ACOUSTIC BATT INSULATION IN CAVITY.





GENERAL REFLECTED CEILING NOTES

- 1. ALL CEILING AND LIGHTING IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
2. TYPICAL CEILING HEIGHT TO BE 10'-0" A.F.F., UNLESS NOTED OTHERWISE.
3. SUBMIT DRAWINGS FOR LIFE SAFETY SYSTEMS (FIRE ALARM AND SMOKE DETECTOR FOR EXAMPLE) TO ARCHITECT FOR APPROVAL.
4. IN GYP. BOARD CEILINGS, PROVIDE FLUSH SPRINKLER HEADS ALIGNED WITH AND CENTERED BETWEEN LIGHT FIXTURES. SMOKE DETECTORS, SPEAKERS AND STROBES TO BE ALIGNED WITH AND CENTERED BETWEEN LIGHT FIXTURES. COORDINATE FINAL LOCATIONS WITH ARCHITECT.
5. INSTALL THERMOSTATS ADJACENT AND ALIGNED WITH LIGHTING CONTROLS.
6. IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS, PLEASE INFORM ARCHITECT FOR INTERPRETATION.
7. ALL DEVICES TO BE LEVITON DECORA SERIES OUTLETS AND DEVICES WITH SCREWLESS COVER PLATES - WHITE, UNLESS NOTED OTHERWISE.
8. ADJACENT LIGHTING CONTROLS TO BE GANGED WITH SINGLE COVER PLATE.
9. DO NOT INSTALL ANY CONSTRUCTION REQUIRING PLENUM ACCESS ABOVE GYPSUM BOARD CEILINGS.
10. WITHIN FIVE CALENDAR DAYS OF PROJECT AWARD, INVENTORY EXISTING ABOVE CEILING CONSTRUCTION AND NOTIFY ARCHITECT OF ANY EXISTING CONSTRUCTION REQUIRING ACCESS LOCATED ABOVE GYPSUM BOARD CEILINGS.
11. SPRINKLER HEADS IN LAY-IN CEILINGS TO BE CENTERED IN TILE.
12. VERIFY LIGHTING VOLTAGE IS 277, REVISE LIGHTING SPECIFICATIONS TO CONFORM TO AVAILABLE VOLTAGE.

CEILING SCHEDULE

Table with 2 columns: Symbol and Description. Includes entries for existing 2x2 tegular lay-in ceiling, new modified 2x2 tegular lay-in ceiling, existing or new gypsum board on metal framing, existing wood baffle system-birch, existing specialty wood ceiling system, and existing metal panel ceiling system.

LIGHT FIXTURE SCHEDULE

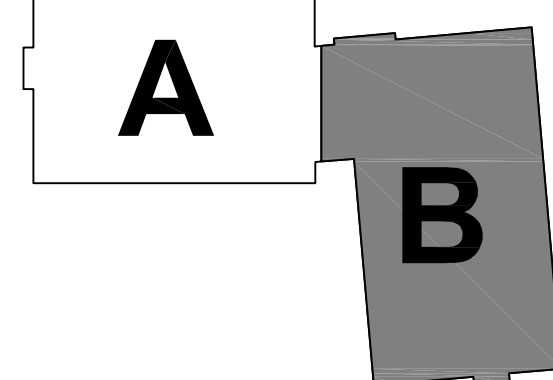
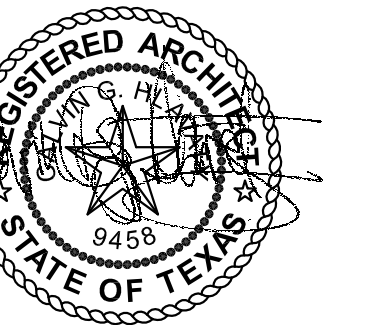
Table with 2 columns: Symbol and Description. Lists various lighting fixtures including linear LED pendant, recessed linear LED, square downlight, cylinder pendant, wall mounted wash light, perimeter wall grazer, 2x2 recessed LED, square wall wash downlight, and decorative pendant.

SWITCHING SYMBOLS

- FOR CORRIDORS AND OPEN AREAS REFER TO MEP DRAWINGS FOR LIGHTING CONTROLS.
• LOWERCASE ALPHABETICAL LETTERS DESIGNATE WHICH DEVICE CONTROLS WHICH FIXTURE.
• SET LIGHTING CONTROL DEVICES CENTERED 3" FROM DOOR EDGE WHERE SHOWN.
• NEW LIGHT CONTROL WITH DIMMER.
• NEW WALL MOUNTED VACANCY SENSOR.
• NEW WALL MOUNTED VACANCY SENSOR / DIMMER CONTROL.
• CEILING MOUNTED OCCUPANCY SENSOR.

KEY NOTES

- 1 NEW 3-WAY SWITCH IN EXISTING LIGHTING CONTROL LOCATION. RECONFIGURE CIRCUITRY SO ENTIRE ROOM IS CONTROLLED AS ONE. VERIFY THAT FIXTURES ARE DIMMABLE.
2 CONTROL ENTIRE ROOM FROM NEW DIMMER. VERIFY THAT FIXTURES ARE DIMMABLE.
3 REPAIR CEILING WHERE LINEAR LIGHT FIXTURE IS REMOVED.
4 NEW GYPSUM BOARD CEILING FRAMED BELOW EXISTING WOOD 'BEAM' ABOVE.



MECHANICAL ABBREVIATIONS & SYMBOLS		
ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.		
PIPING DESIGNATIONS	EQUIPMENT DESIGNATIONS	ABBREVIATIONS
— CHS — CHILLED WATER SUPPLY	AC AIR COMPRESSOR	AFB ABOVE FINISHED FLOOR
— CHR — CHILLED WATER RETURN	AF AIR FILTER	AFG ABOVE FINISHED GRADE
— CWS — CONDENSER WATER SUPPLY	AH/AHU AIR HANDLING UNIT	A/C ABOVE CEILING
— CWR — CONDENSER WATER RETURN	AS AIR SEPARATOR	BAS BUILDING AUTOMATION SYSTEM SEE EMCS
— HWS — HEATING WATER SUPPLY	BF BOOSTER FAN	B/F BELOW FLOOR
— HWR — HEATING WATER RETURN	CP CIRCULATING PUMP	BFF BELOW FINISHED FLOOR
— HPWS — HEAT PUMP WATER SUPPLY	CRAC COMPUTER ROOM AIR CONDITIONER	B/G BELOW GRADE
— HPWR — HEAT PUMP WATER RETURN	CT COOLING TOWER	BRF BELOW RAISED FLOOR
— E — EXPANSION LINE	CJ CONDENSING UNIT, AIR COOLED	CLG CEILING
— CD — CONDENSATE DRAIN	CVT CONSTANT VOLUME FAN TERMINAL COOL/HEAT	CO CLEANOUT
	EDH ELECTRIC DUCT HEATER	COO DOUBLE CLEANOUT
	EF EXHAUST FAN	DS DOWNSPOUT
	ELH ELECTRIC UNIT HEATER	EMCS ENERGY MANAGEMENT & CONTROL SYSTEM
	FCU FAN COIL UNIT	FD0 FLOOR CLEANOUT
	FD FIRE DAMPER	FLR FLOOR
	FPB FAN POWERED BOX	GC0 GRADE CLEANOUT
	FSD FIRE/SMOKE COMBINATION DAMPER	GW GREASE WASTE
	GRV GRAVITY ROOF VENTILATOR	HW HOT WATER
	GUH GAS-FIRED UNIT HEATER	HNR HOT WATER RETURN
	HC HEATING COIL	MTD MOUNTED
	HP HEAT PUMP, AIR SOURCE	OD OVERFLOW DRAIN
	HUM HUMIDIFIER	ODN OVERFLOW DOWNSPOUT NOZZLE
	HX HEAT EXCHANGER	PRV PRESSURE REDUCING VALVE
	IRH INFRARED HEATER	RD ROOF DRAIN
	KEF KITCHEN EXHAUST FAN	RV RELIEF VALVE
	KSF KITCHEN SUPPLY FAN	SD STORM DRAIN
	MAU MAKE-UP AIR UNIT	SS SANITARY SEWER
	MD MOTORIZED DAMPER	SV SANITARY VENT
	RTU ROOF TOP UNIT	UNO UNLESS NOTED OTHERWISE
	SA SOUND ATTENUATOR	VTR VENT THRU ROOF
	SD SMOKE DAMPER	WCO WALL CLEANOUT
	SF SUPPLY FAN	
	VAV VARIABLE VOLUME TERMINAL - COOL ONLY	
	VFD VARIABLE FREQUENCY DRIVE	
	VRF VARIABLE REFRIGERANT FLOW	
	VSD VARIABLE SPEED DRIVE	
	VT VARIABLE VOLUME & TEMPERATURE	
	WH WALL HEATER	
	WSPR HEAT PUMP, WATER SOURCE	

MECHANICAL SYMBOLS	
	NEW FAN POWERED BOX
	EXISTING FAN POWERED BOX
	DEMOLISHED FAN POWERED BOX
	RELOCATED FAN POWERED BOX
	NEW VAV
	EXISTING VAV
	DEMOLISHED VAV
	RELOCATED VAV
	NEW DUCTWORK
	EXISTING DUCTWORK
	DEMOLISHED DUCTWORK
	SUPPLY OR OUTSIDE AIR DUCT
	RETURN OR EXHAUST AIR DUCT
	DUCT TURNING UP
	DUCT TURNING DOWN
	CLEAR INSIDE DUCT DIMENSION, FIRST VALUE IS DUCT WIDTH
	DUCT TRANSITION
	DUCT TAP WITH MANUAL VOLUME DAMPER
	NEW SUPPLY AIR GRILLE
	NEW RETURN AIR GRILLE
	EXISTING SUPPLY AIR GRILLE
	EXISTING RETURN AIR GRILLE
	EXISTING EXHAUST AIR GRILLE
	DEMOLISHED SUPPLY AIR GRILLE
	DEMOLISHED RETURN AIR GRILLE
	DEMOLISHED EXHAUST AIR GRILLE
	SIDEWALL OUTLET
	SIDEWALL INLET
	THERMOSTAT/SENSOR
	HUMIDISTAT
	DUCT SMOKE DETECTOR

MECHANICAL SYMBOLS	
	MANUAL VOLUME DAMPER (VD)
	FIRE DAMPER (FD)
	SMOKE DAMPER (SD)
	FIRE/SMOKE COMBINATION DAMPER (FSD)
	AUTOMATIC DAMPER, OPPOSED BLADE
	AUTOMATIC DAMPER, PARALLEL BLADE
	BACK DRAFT DAMPER

MECHANICAL NOTES	
ALL NOTES MAY NOT APPLY.	
GENERAL NOTES:	
<p>1. IT IS THE INTENT AND MEANING OF THE CONSTRUCTION DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE A MECHANICAL INSTALLATION THAT IS COMPLETE AND ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLY INCIDENTAL, OR CUSTOMARILY INCLUDED EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN.</p> <p>2. THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE REQUIREMENTS OF THE CONTRACT. UPON COMMENCEMENT OF CONSTRUCTION FOR THE WORK INCLUDED IN THIS CONTRACT, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH A STUDY OR EXAMINATION AND THAT HE IS FAMILIAR WITH AND ACCEPTS ALL CONDITIONS OF THE PREMISES.</p> <p>3. PROVIDE EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICES NECESSARY FOR OR INCIDENTAL TO THE INSTALLATION OF A COMPLETE AND OPERATING HVAC OR PLUMBING SYSTEM AS SHOWN OR INDICATED ON THE DRAWINGS AND/OR AS SPECIFIED. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO PROTECT ALL EXISTING OPERATIONS AND PROPERTY ADJACENT WITH WHICH WORK COMES IN CONTACT OR OVER WHICH HE MAY TRANSPORT, HOIST OR MOVE MATERIALS, EQUIPMENT, DEBRIS, ETC. AND SHALL REPAIR SATISFACTORILY ALL DAMAGES CAUSED BY HIM DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE WITH NEW MATERIALS AND/OR EQUIPMENT FAILING TO GIVE SATISFACTORY SERVICE DURING THE WARRANTY PERIOD. THE CONTRACTOR SHALL COORDINATE AND NOTIFY THE BUILDING OWNER AND OPERATOR FOR APPROVAL AND SCHEDULING OF ANY BUILDING OR EXISTING TENANT SYSTEM INTERRUPTION.</p> <p>4. MATERIALS AND WORKMANSHIP SHALL COMPLY WITH CONTRACT DOCUMENTS, APPLICABLE CODES AND STANDARDS, AND, IN THE CASE OF DIFFERENCES BETWEEN APPLICABLE CODES AND STANDARDS AND THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT/ENGINEER AND THE OWNER IN WRITING OF SUCH DIFFERENCES. SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH REQUIREMENTS OF APPLICABLE CODES AND STANDARDS, HE SHALL BEAR ALL COSTS ARISING IN CORRECTING SUCH DEFECTS. APPLICABLE CODES AND STANDARDS SHALL INCLUDE ALL ORDINANCES, UTILITY COMPANY REGULATIONS AND APPLICABLE REQUIREMENTS OF NATIONALLY ACCEPTED CODES AND STANDARDS.</p> <p>5. THE DRAWINGS WERE PREPARED FROM THE BEST INFORMATION AVAILABLE, BUT DO NOT ATTEMPT TO INDICATE THE LOCATION OF ALL EXISTING EQUIPMENT. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE CONDITIONS SURROUNDING THE INSTALLATION OF HIS WORK PRIOR TO PROCEEDING WITH THE INSTALLATION. CHANGES REQUIRED TO THE DESIGN SHOWN ON THESE DRAWINGS DUE TO EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER/OWNER FOR REVIEW BY WAY OF SHOP DRAWINGS OR SKETCHES DETAILING THE EXISTING CONDITIONS AND THE PROPOSED CHANGE.</p> <p>6. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED RECOMMENDATIONS FOR SERVICE INTENDED, AS INTERPRETED BY THE ENGINEER. EXPERIENCED CRAFTSMEN SHALL MAKE THE INSTALLATION OF ALL EQUIPMENT IN A NEAT WORKMANSHIP LIKE MANNER. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, COST AND SERVICE NECESSARY TO COMPLETELY INSTALL ALL MECHANICAL WORK. ALL MECHANICAL AND PLUMBING EQUIPMENT SHALL BE AS SCHEDULED OR APPROVED EQUAL.</p> <p>7. COORDINATE THERMOSTAT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL THERMOSTAT ABOVE DIMMER SWITCH.</p> <p>8. PROPERLY SUPPORT ALL EQUIPMENT AND PIPING WITHIN THE BUILDING AND PROVIDE ADEQUATE PROVISIONS FOR SLOPE AND ANCHORAGE. CONTRACTOR SHALL USE HANGERS, RIGGS AND INSERTS APPROVED BY UNDERWRITERS LABORATORIES FOR THE SERVICE INTENDED, SECURELY SUPPORTED BY STRUCTURAL MEMBERS WHICH IN TURN ARE SUPPORTED DIRECTLY FROM THE BUILDING STRUCTURE.</p> <p>9. PROVIDE VIBRATION ISOLATION FOR MOTOR DRIVEN MECHANICAL EQUIPMENT.</p> <p>10. ALL FANS SHALL CARRY THE CERTIFIED RATINGS SEAL AUTHORIZED BY AMCA.</p> <p>11. PROVIDE FLEXIBLE DUCTWORK CONNECTIONS AT EQUIPMENT.</p> <p>12. DUCTWORK SHALL BE CONSTRUCTED ACCORDING TO SMACNA STANDARDS. DUCT AND FIRE DAMPER SIZES SHOWN ARE AIRSTREAM DIMENSIONS. ALL LONGITUDINAL AND TRANSVERSE SEAMS AND DUCT CONNECTIONS SHALL BE SECURELY FASTENED AND SEALED WITH TAPES OR MASTICS MEETING UL 181A OR UL181B, WELDS, OR GASKETS.</p> <p>13. INSULATE NEW SUPPLY AND RETURN DUCTWORK AND PLENUMS WITH EITHER EXTERNAL INSULATION TYPE IV DUCT WRAP OR INTERNAL DUCT LINER, 1.5 PCF MINIMUM DENSITY. (SIZES SHOWN ARE AIRSTREAM DIMENSIONS) DUCTWORK AND PLENUMS WITHIN UNCONDITIONED SPACES SHALL HAVE MINIMUM R-4 INSULATION. EXTERIOR DUCTWORK SHALL HAVE MINIMUM R-6 INSULATION.</p> <p>14. DIFFUSERS, REGISTERS AND GRILLES SHALL BE BUILDING STANDARD UNLESS NOTED OTHERWISE AND SHALL BE PROVIDED WITH FRAMES COMPATIBLE WITH CEILING TYPE. DO NOT SPAN AIR DEVICES OVER PARTITIONS.</p> <p>15. CONTRACTOR TO VERIFY RETURN AIR PATH AND INCORPORATE RETURN AIR TRANSFER THROUGH WALLS AS NECESSARY. OPENING SIZED FOR A MAXIMUM OF 500 FPM UNLESS NOTED OTHERWISE.</p> <p>16. COORDINATE ALL WALLS TO DECK WITH EXISTING DUCTWORK AND EXISTING TERMINAL UNITS.</p> <p>17. BALANCING OF WATER AND AIR SYSTEMS SHALL BE PROVIDED UNDER THIS CONTRACT FOR ALL SYSTEMS WITHIN TENANT BORDERS AND ADJACENT AREAS THAT MAY BE AFFECTED BY BALANCING FOR THIS TENANT. BALANCING CONTRACTOR TO REVIEW DRAWINGS AND NOTIFY THE CONTRACTOR OF APPURTENANCES NEEDED FOR A PROPERLY BALANCED SYSTEM.</p> <p>18. PROVIDE NEBB CERTIFIED AIR BALANCE REPORT.</p> <p>19. COLD AND HOT WATER PIPING SHALL BE TYPE 1 HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS. PROVIDE SOFT COPPER PIPING UNDER SLAB TO AVOID UNDERGROUND FITTINGS. WHERE ALLOWED BY LOCAL CODES AND AUTHORITY HAVING JURISDICTION, PIPE MAY BE CROSSLINKED POLYETHYLENE (PEX) MANUFACTURED BY PEX-A METHOD AND ASTM F1980 FITTINGS.</p> <p>20. INSULATE DOMESTIC HOT WATER AND RECIRCULATION LINES (1" THICK) AND DOMESTIC COLD WATER LINES (1/2" THICK) WITH OWENS CORNING FIBERGLASS 25 ASL JOHNS-MANVILLE AP OR APPROVED EQUAL, SEALED TO PREVENT SWELTING AND CONTINUOUS THROUGH WALLS, FLOORS, CEILINGS. ALL HOT WATER PIPING SHALL BE INSULATED PER THE ENERGY CODE. COLD WATER PIPING SHALL BE INSULATED IN EXTERIOR WALLS, CEILINGS OR IN SPACES EXPOSED TO OUTDOOR TEMPERATURES WITH 1" THICK FIBERGLASS INSULATION.</p> <p>21. SOIL, WASTE AND DRAIN PIPING, 2" AND LARGER, SHALL BE SERVICE WEIGHT CAST IRON. WASTE PIPING BELOW THE SLAB SHALL HAVE BELL AND SPOUT CAST IRON MANUFACTURED TO ASTM A 74 WITH TY-SEAL GASKETS MANUFACTURED TO ASTM C 564. CAST IRON PIPING ABOVE THE SLAB SHALL BE "NO-HUB" PIPE AND FITTINGS MANUFACTURED TO CSIP1 301. VENT PIPING MAY BE SCHEDULE 40 GALVANIZED STEEL, DWV COPPER OR SERVICE WEIGHT CAST IRON. ALL CAST IRON SOIL, PIPE AND FITTINGS SHALL BE MARKED WITH THE COLLECTIVE TRADEMARK OF THE CAST IRON SOIL PIPE INSTITUTE AND BE LISTED WITH NSF INTERNATIONAL. IF APPROVED BY LOCAL CODES, SOIL, WASTE, AND DRAIN PIPING, 2" AND LARGER, SHALL BE POLYVINYL CHLORIDE (PVC) SCHEDULE 40 PIPING, ASTM AND NSF STAMPED AND APPROVED. FITTINGS SHALL BE PVC SCHEDULE 40 ASTM STAMPED AND APPROVED.</p> <p>22. HOT WATER CIRCULATING SYSTEMS OR HOT WATER HEAT TRACE SHALL HAVE TIMELOCK CAPABLE CONTROL.</p> <p>23. PLUMBING FIXTURES AND EQUIPMENT SHALL BE FURNISHED AND INSTALLED COMPLETE WITH TRIM AND ALL OTHER APPURTENANCES REQUIRED TO CONNECT TO ROUGH-IN PIPING AT FLOORS AND WALLS UNLESS OTHERWISE SPECIFIED.</p> <p>24. WATER HEATING EQUIPMENT WITHOUT INTERNAL HEAT TRAPS WILL HAVE HEAT TRAPS INSTALLED ON THE SUPPLY AND DISCHARGE PIPING.</p> <p>25. PVC PIPING LOCATED IN PLENUM RETURN MUST MEET ASTM E84 AND HAVE A FIRE SPREAD OF 25/50. ALL PIPING SHALL MEET ALL LOCAL CODE AND AMENDMENT REQUIREMENTS.</p> <p>26. EXISTING EQUIPMENT NOTES: A. CONTRACTOR SHALL INSPECT EXISTING PLUMBING AND HVAC EQUIPMENT PRIOR TO SUBMITTING HIS BID. B. CONTRACTOR SHALL INCLUDE IN HIS BID A THOROUGH START-UP, SERVICING AND CLEANING OF ALL EXISTING EQUIPMENT. PLACE ALL EXISTING SYSTEMS/EQUIPMENT IN PROPER OPERATING ORDER. C. IF REPAIRS ARE NECESSARY TO PLACE EXISTING EQUIPMENT IN WORKING ORDER, PROVIDE OWNER WITH A DETAILED WRITTEN REPORT OF NECESSARY REPAIRS AND A COST PROPOSAL TO PERFORM THE WORK. ALL SUCH SERVICE REPORTS SHALL BE DELIVERED TO THE OWNER WITHIN TWO DAYS OF NOTICE TO PROCEED. OWNER RESERVES THE RIGHT TO HAVE ANY REQUIRED REPAIRS DONE BY OTHERS AND TO SEEK OTHER OPINIONS OR REQUIRED REPAIRS.</p> <p>27. PROVIDE INSTALLATION, OPERATION AND MAINTENANCE MANUALS TO THE OWNER.</p> <p>28. STANDARD NO-HUB COUPLINGS SHALL CONFORM TO CSIP1 310 (MOST CURRENT EDITION) AND SHALL BE LISTED BY NSF INTERNATIONAL.</p> <p>29. HEAVY DUTY COUPLINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM 1540 AND FM 1680 CLASS I.</p> <p>30. COMPRESSION GASKETS FOR HUB & SPOUT SHALL CONFORM TO THE REQUIREMENTS OF ASTM STANDARD C 564 AND ASTM C 1563 (MOST CURRENT EDITION)</p> <p>31. JOINTS FOR PIPE AND FITTINGS SHALL CONFORM TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND LOCAL CODE REQUIREMENTS.</p> <p>32. ALL MECHANICAL SYSTEMS AND EQUIPMENT SHALL MEET THE CURRENT ASHRAE/IES 90.1 STANDARDS FOR MINIMUM ENERGY EFFICIENCY LEVELS. DUCTWORK INSULATION SHALL HAVE A MINIMUM VALUE OF R-8. PROGRAMMABLE THERMOSTATS (IF USED) SHALL HAVE NIGHT SET BACK WATER HEATING SYSTEMS SHALL HAVE HEAT TRAPS. PROVIDE OPERATION AND MAINTENANCE MANUALS.</p> <p>33. DRAIN PANS SHALL BE STAINLESS STEEL, DOUBLE SLOPED AND CLEANABLE. REFER TO ASHRAE 62 FOR MINIMUM STANDARDS.</p>	
DEMOLITION NOTES:	
<p>1. PROTECT THE EXISTING EQUIPMENT AND SYSTEMS TO REMAIN OPERATIONAL. IF DAMAGED OR DISTURBED IN THE COURSE OF THE DEMOLITION WORK, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE WITH NEW PRODUCT OF EQUAL CAPACITY, QUALITY AND FUNCTIONALITY.</p> <p>2. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO ARRANGE THE SHUT OFF OF UTILITIES.</p> <p>3. CONTRACTOR SHALL BOX AND/OR PALLETIZE ALL DEMOLISHED EQUIPMENT AND PROTECT IT ON SITE. REMOVE THESE ITEMS FROM THE SITE AT THE DIRECTION OF THE OWNER.</p> <p>4. CONTRACTOR SHALL NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL-INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA TO FULFILL THE INTENT OF THE COMPLETE DESIGN. REFER TO ARCHITECTURAL DOCUMENTS FOR DEFINITION OF SCOPE FOR DEMOLITION AREAS AND ADDITIONAL REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE TO CONFIRM THE EXTENT OF DEMOLITION AND RESOLVE ANY DISCREPANCIES WITH OWNER'S/LANDLORD'S CONSTRUCTION MANAGER.</p> <p>5. FOR DEMOLITION AREAS, THE CONTRACTOR SHALL REVIEW THE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE SUPPRESSION DEMOLITION DRAWINGS AND REMOVE RISERS, RACKS, AND ELECTRICAL EQUIPMENT ASSOCIATED WITH THE MECHANICAL, PLUMBING AND FIRE SUPPRESSION DEMOLITION.</p> <p>6. ENSURE THAT ALL LIFE SAFETY SYSTEMS REMAIN OPERATIONAL AND MEET LIFE SAFETY CODE REQUIREMENTS FOR ALL OCCUPIED AREAS THAT REMAIN OPERATIONAL DURING/AFTER DEMOLITION. THIS INCLUDES, BUT IS NOT LIMITED TO, EGRESS PATHWAYS, FIRE ALARM SYSTEMS, EGRESS LIGHTING AND OTHER LIFE SAFETY SYSTEMS.</p> <p>7. PROTECT EXISTING EQUIPMENT AND SYSTEMS INTENDED TO REMAIN OPERATIONAL. IF DAMAGED OR DISTURBED IN THE COURSE OF THE DEMOLITION WORK, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE WITH NEW PRODUCT OF EQUAL CAPACITY, QUALITY AND FUNCTIONALITY.</p> <p>8. RE-ROUTE AND RE-CONNECT ANY CIRCUIT(S) THAT ARE TO REMAIN IN USE BUT INTERFERES WITH THE NEW CONSTRUCTION.</p> <p>9. WORK REQUIRING INTERRUPTION OF ELECTRICAL POWER, WHICH WOULD ADVERSELY AFFECT THE NORMAL OPERATION OF THE OWNER/LANDLORD'S PROPERTY OR OTHER BUILDING TENANTS, SHALL BE DONE AT A TIME OTHER THAN NORMAL WORKING HOURS. SCHEDULE ALL OUTAGES WITH OWNER/LANDLORD PRIOR TO SHUTDOWN.</p> <p>10. OWNER/LANDLORD RESERVES THE RIGHTS TO ALL DEMOLISHED MATERIALS. COORDINATE AND VERIFY EQUIPMENT INTENDED TO BE SALVAGED PRIOR TO DEMOLITION. MATERIALS THAT OWNER/LANDLORD REQUESTS TO BE RE-USED OR SALVAGED, THE MATERIALS SHALL BE REMOVED IN A NEAT WORKMAN LIKE MANNER TO ALLOW THEIR RE-USE. PROTECT THE SALVAGE MATERIALS FOR REUSE BY PROPERLY PACKAGING THE MATERIALS TO PROTECT SALVAGED MATERIALS FROM DAMAGES. SECURELY PACKAGE ALL SALVAGE MATERIALS. INSTALLATION HARDWARE AND PARTS TO SALVAGED MATERIALS.</p> <p>11. REMOVE UNUSED BRANCH CIRCUITS BACK TO BRANCH PANELBOARD OF ORIGIN. MARK BREAKER AS "SPARE" AND MAKE ELECTRICALLY SAFE. REMOVE ALL ABANDONED CONDUITS ABOVE, LAY-IN CEILING, EXPOSED CONDUITS, FLEXIBLE CONDUITS, SURFACE RACKING, SURFACE MOUNTED OUTLET/JUNCTION BOXES, AND EQUIPMENT UNLESS NOTED OTHERWISE.</p> <p>12. REMOVE DEMOLISHED MATERIAL FROM PROJECT SITE IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND REGULATIONS. FOLLOW ALL STATE AND LOCAL REGULATIONS AND CODES FOR PROPER DISPOSAL.</p>	



CONTRACTOR SHALL COORDINATE MEP DRAWINGS WITH ALL OTHER DISCIPLINES

PROJECT NUMBER: 0981
DRAWN BY: BHA
SQUARE FOOTAGE: USF/RSF
SHEET NUMBER

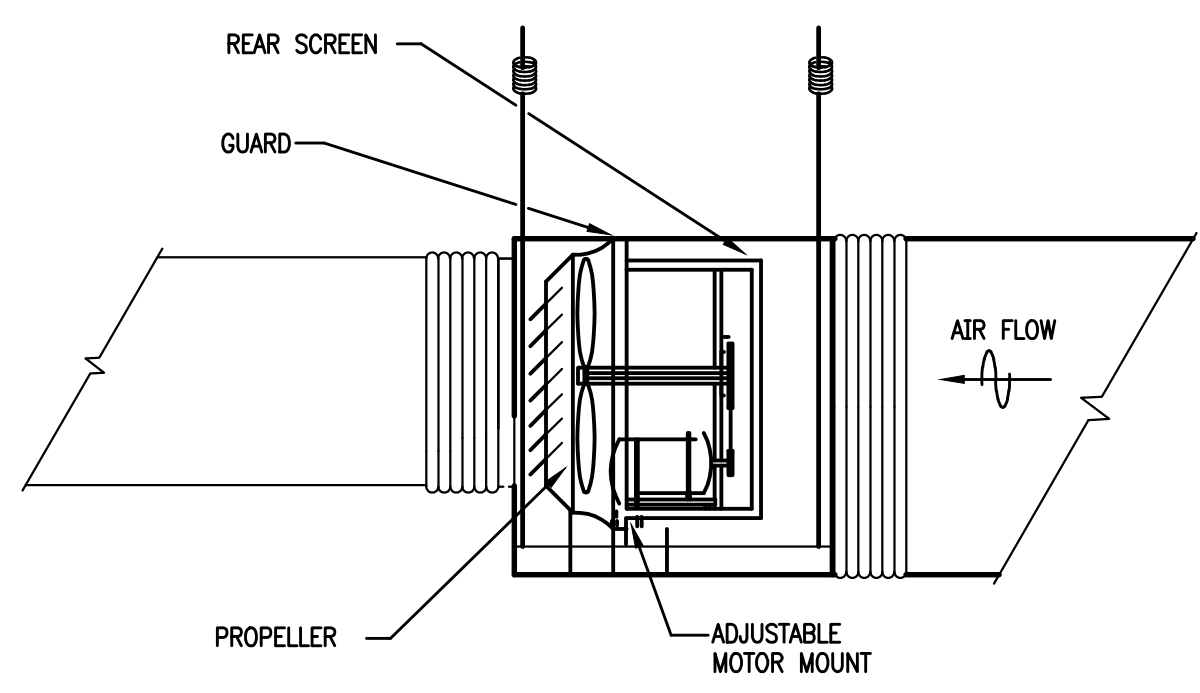
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GENERAL NOTES:

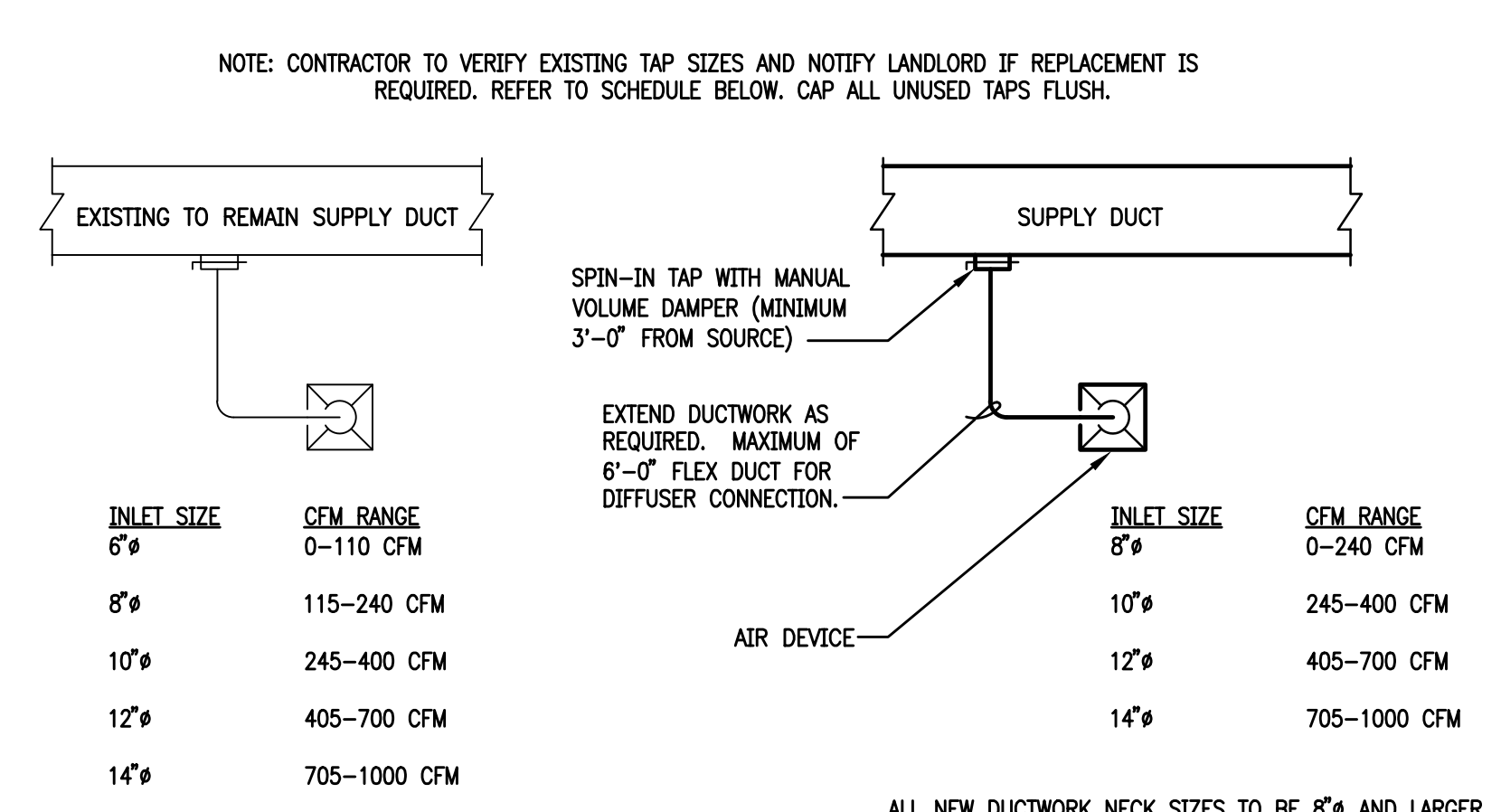
- EXISTING PNEUMATIC BUILDING CONTROLS ARE JOHNSON.
- ANY T-STAT MOUNTED ON EXTERIOR WALLS MUST BE INSULATED BEHIND T-STAT TO PREVENT FALSE READINGS.
- ALL HVAC EQUIPMENT AND ASSOCIATED ELECTRICAL SHALL BE RELOCATED IF NECESSARY TO MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCE FROM ALL DEMISING WALLS, WALLS TO DECK, GYPSUM CEILINGS, AND/OR ANY BUILD OUT MATERIALS THAT MAY OBSTRUCT THE SERVICING OF THE EQUIPMENT.
- EXISTING THERMOSTATS SHALL BE COVERED AND SEALED DURING CONSTRUCTION. ALL EXISTING THERMOSTATS BEING REUSED SHALL BE SERVICED AND CALIBRATED.
- CONSTRUCTION FILTERS SHALL REMAIN OR BE PLACED ON ALL FAN POWERED BOXES DURING CONSTRUCTION. FILTERS SHALL BE REMOVED AFTER CONSTRUCTION AND VERIFIED BY BUILDING MANAGEMENT BEFORE CEILING IS CLOSED.
- MAINTAIN ALL FIRE RATINGS. PROVIDE FIRE DAMPERS AT ALL FIRE RATED WALL PENETRATIONS.
- VERIFY LOCATION OF EXISTING CONTROLS WITH TENANT. CONTRACTOR TO VERIFY LOCATION ON SITE WITH ARCHITECT. REPORT ANY DEFICIENCIES TO AOS ENGINEERING.
- LOCATIONS OF THERMOSTATS ARE DIAGNOSTIC. MOUNT ALL THERMOSTATS AT A MINIMUM OF 48" ABOVE FINISHED FLOOR AND FIELD COORDINATE EXACT LOCATION PLACEMENT WITH TENANT AND ARCHITECT PRIOR TO CONSTRUCTION.
- CONTRACTOR TO VERIFY RETURN AIR PATH AND INCORPORATE RETURN AIR TRANSFER THROUGH WALLS AS NECESSARY, OPENING SIZED FOR A MINIMUM F 500 FPM UNLESS NOTED OTHERWISE.
- EXISTING AIRFLOW VALVES TO REMAIN UNLESS NOTED OTHERWISE.
- PROVIDE REMOTE FACE DAMPERS AT ALL GYP. CEILING.

KEY NOTES:

- CONTRACTOR TO VERIFY EXACT LOCATION OF EXISTING FPB AND RELOCATE AS REQUIRED TO ACCOMMODATE WALL. EXTEND LOW VOLTAGE WIRING FROM RELOCATED THERMOSTAT TO RELOCATED FPB AS REQUIRED. MAINTAIN ALL MANUFACTURER REQUIRED CLEARANCES.
- CONTRACTOR TO VERIFY EXACT LOCATION OF EXISTING VAV AND RELOCATE AS REQUIRED TO ACCOMMODATE WALL. EXTEND LOW VOLTAGE WIRING FROM RELOCATED THERMOSTAT TO RELOCATED VAV AS REQUIRED. MAINTAIN ALL MANUFACTURER REQUIRED CLEARANCES.
- PROVIDE NEW RETURN AIR TRANSFER. SIZE AS NOTED. MAINTAIN ALL MANUFACTURER REQUIRED CLEARANCES. REPORT ANY DEFICIENCIES TO AOS ENGINEERING.
- PROVIDE EXHAUST AIR DUCT UP TO ROOF THRU MECHANICAL CHASE. SEAL WEATHER TIGHT WITH CAP, COLLAR, AND FLASH. MAINTAIN ALL ROOF WARRANTIES. FIELD COORDINATE EXACT LOCATION PLACEMENT WITH TENANT AND ARCHITECT PRIOR TO CONSTRUCTION.



3 IN-LINE EXHAUST FAN DETAIL
SCALE: NONE



2 SUPPLY DIFFUSER CONNECTION DETAIL
SCALE: NOT TO SCALE

1 FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"

EXHAUST FAN SCHEDULE

DESC.	LOCATION	SERVES	MFR.	MODEL #	TYPE	HEIGHT (8RS)	CFM	ESP (IN W.G.)	HPM	DRIVE	VOLTS/PH	HP	REMARKS
EF-31	FLOUIM	NEW RR	GREENHECK	SD-970	BLADE	80	100	1.00	100	DIRECT	115/1	1/2	1/2

NOTES:
 A. EQUIPMENT TO BE CLEARLY LABELED.
 B. ACCEPTABLE MANUFACTURERS ARE: ACME, TRIN CITY FAN, COOK, GREENHECK, PENNBARRY.
 C. COORDINATE EXACT LOCATION WITH LANDLORD AND STRUCTURAL ENGINEER.

REMARKS:
 1. PRE-WIRED DISCONNECT SWITCH
 2. PRE-WIRED SPEED CONTROLLER
 3. GRAVITY BACKDRIFT DAMPER
 4. SPRING ISOLATION HANGERS
 5. CONTROL WITH LIGHT SWITCH

AIR DEVICE SCHEDULE

DESC.	MFR.	MODEL #	TYPE	FACE TYPE(S) (IN)	MATERIAL	FINISH	REMARKS
S1	REMARK 1	REMARK 1	FLAT PANEL	24x24	STEEL	PER ARCHITECT	1
R1	REMARK 1	REMARK 1	GRID RETURN	24x24	STEEL	PER ARCHITECT	1
E1	REMARK 1	REMARK 1	CEILING EXHAUST	12x12	STEEL	PER ARCHITECT	1

NOTES:
 A. MAX NC LEVEL OF DIFFUSERS TO BE 30.
 B. ACCEPTABLE MANUFACTURERS ARE: PRICE, TRUS.
 C. FRAME AND BORDER TYPES TO MATCH CEILING AND/OR WALL.
 D. REFERENCE ARCHITECTURAL REFLECTIVE CEILING PLAN.

REMARKS:
 1. MATCH BUILDING STANDARD MANUFACTURER MAKE AND MODEL.

CONTRACTOR SHALL COORDINATE
MEP DRAWINGS WITH ALL OTHER
DISCIPLINES

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ISSUE DATE: 08.12.2021
 ISSUE FOR PERMIT
 REVISION DATE:

PROJECT NUMBER: 0981
 DRAWN BY: BHA
 SQUARE FOOTAGE: US/RSF
 SHEET NUMBER:

M1.03
 THIRD LEVEL
 FLOOR PLAN -
 MECHANICAL

AOS JOB #: 2018-002-21