

**UNION COUNTY COMMUNITY CENTER
RENOVATIONS / VIEW GRILL EXPANSION
UNION COUNTY, GEORGIA**

**ADDENDUM # 1
Issued 11/13/2020**

**This addendum is being issued to incorporate the following information
into the Drawings (Issued November 11, 2020) for the referenced project.**

NOTE CLARIFICATIONS:

List of Drawings

The notes on the following drawings are hereby re-issued with no modifications. They have been re-issued for visual clarity.

Architectural

Drawing No. LS1.00 Upper Level – Floor Plan (Reprinting of notes only)
Drawing No. A-2.00 North & South Elevations (Reprinting of notes only)
Drawing No. A-2.01 East Elevation (Reprinting of notes only)

Mechanical

Drawing No. M-0.01 General
Drawing No. M-0.02 Details & Schedules
Drawing No. M-1.00 Upper Level Floor Plan

Electrical

Drawing No. E-0.01 General
Drawing No. E-1.00 Upper Level Floor Plan

**Note: A signed acknowledgement of this addendum must be received by the
Purchasing Agent attached to your response.**

Vendor Name: _____

Address: _____

Email: _____

Authorized Signature: _____ Date: _____

Name (Printed): _____ Title: _____


LIFE SAFETY LEGEND

 OCCUPANT LOAD @ EXIT

 CAPACITY @ EXIT

**ASSEMBLY
(LESS CONC.)** OCCUPANCY TYPE
37 OCCUPANCY LOAD

 EXISTING SINGLE FACE EXIT SIGN (DIRECTIONAL)

 NEW DOUBLE FACE EXIT SIGN (DIRECTIONAL)

 EXISTING SINGLE FACE EXIT SIGN

 EXISTING EMERGENCY LIGHT

 NEW EMERGENCY LIGHT

NOTES

ALL FIRE EXTINGUISHERS TO BE LOCATED ACCORDING TO PRESIDING FIRE MARSHAL'S STANDARDS.

SEE ELECTRICAL DRAWINGS FOR ALL EMERGENCY EGRESS LIGHTING LOCATIONS.

SEE ELECTRICAL DRAWINGS FOR ALL EMERGENCY EXIT SIGN LOCATIONS.

FIRE EXTINGUISHER CABINET(S), (FEC) @ 75' MAX. PORTABLE FIRE EXTINGUISHER(S) - TYPE 2A10BC. MOUNT TOP OF HANDLE AT 4'-6" MAX. A.F.F.



WALL-MOUNTED FIRE EXTINGUISHER CABINET

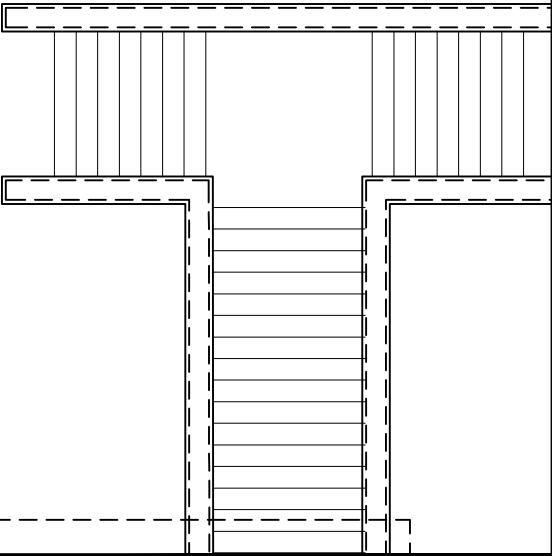
OCCUPANT LOAD FACTORS BY USE PER IBC 2018, TABLE 1004.5	
USE	OCCUPANT LOAD
ASSEMBLY, LESS CONCENTRATED	1 PER 15 S.F. NET
BUSINESS	1 PER 150 S.F. GROSS
MAIN LEVEL OCCUPANCY	297
UPPER LEVEL OCCUPANCY	331
TOTAL OCCUPANCY	628

ACTUAL BUILDING AREA	
MAIN LEVEL AREA	12,687 SF
UPPER LEVEL AREA WITH ADDITION	11,664 SF
GRAND TOTAL AREA	24,351 SF

NEW ASSEMBLY OCCUPANCY, SPRINKLERED

COMMON PATH LIMIT: 20 FEET (> 50 OCC.) / 75 FEET (<50 OCC.) PER NFPA 101 12.2.5.1.2
DEAD END LIMIT: 20 FEET (CORRIDORS) / 20 FEET (AISLES) PER NFPA 101 12.2.5.1.3
TRAVEL DISTANCE LIMIT: 250 FEET MAXIMUM PER NFPA 101 12.2.6.2

PLUMBING FIXTURE CALCULATIONS												
PLUMBING FIXTURE DISTRIBUTION PER IBC 2018 TABLE 2902.1 MINIMUM PLUMBING FIXTURE REQUIREMENTS												
ASSEMBLY OCCUPANCY												
OCCUPANCY		OCCUPANCY				OCCUPANCY				DF RATIO	DRINKING FOUNTAINS	SERVICE SINK
USE	LOAD	RATIO	MALE	FEMALE	UNISEX	RATIO	MALE	FEMALE	UNISEX			
A2	628	1 PER 75	4.1867	4.1867	0	1 PER 200	1.57	1.57	0	1 PER 500	1.256	
TOTAL REQUIRED			5	5	0		2	2	0		2	1
TOTAL DESIGNED			6 (+6 URINALS)	9	2			7	3		4	1



UNION COUNTY
COMMUNITY
CENTER

PROJECT NAME

16107

PROJECT NO.

11/11/2020

DATE

LS1.00

SHEET NO.

UPPER LEVEL
FLOOR PLAN

SHEET TITLE

N.T.S.

SCALE

Gardner
Spencer
Smith
Tench &
Jarbeau

A Professional Corporation
for the Practice of Architecture

	<p><u>CONSTRUCTION NOTES:</u></p> <ol style="list-style-type: none">1. NEW EXTERIOR WALL. MATCH CONSTRUCTION OF EXISTING ADJACENT EIFS WALLS.2. INSTALL RELOCATED DOUBLE DOORS. SEE DOOR ELEVATION C/A-4.02.3. REWORK ONE RELOCATED DOUBLE DOOR PANEL INTO A SINGLE DOOR. INSTALL REWORKED DOOR AND ONE RELOCATED SIDELITE IN NEW WALL. SEE DOOR ELEVATION D/A-4.02.4. NEW OR RELOCATED WINDOWS: SEE WINDOW ELEVATION A/A-4.02.5. NEW WINDOWS: SEE WINDOW ELEVATION B/A-4.01.6. EXISTING CASEWORK TO REMAIN.7. EXISTING EIFS WALL FINISH TO REMAIN. CLEAN AND REPAIR AS REQUIRED. INSTALL NEW CASING AND TRIM ON EXISTING OPENINGS. SEE ELEVATION E/A-4.02.8. REWORK OR REPLACE EXISTING PRECAST CAP TO ACCOMMODATE NEW WALL.9. INSTALL NEW DOUBLE DOORS. SEE DOOR ELEVATION F/A4.02.10. INSTALL NEW WALL PARTITIONS AT MECHANICAL ROOM. SEE DETAIL 2/A-4.01.
<div>1/8" = 1'-0"</div>	

UNION COUNTY
COMMUNITY
CENTER

PROJECT NAME

16107

PROJECT NO.

11/11/2020

DATE

A-2.00 - A-2.01

SHEET NO.

NORTH, SOUTH,
EAST
ELEVATION
NOTES

SHEET TITLE

N.T.S.

SCALE

Gardner
Spencer
Smith
Tench &
Jarbeau

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SEE SCHEDULE FOR LIST OF ACCEPTABLE MANUFACTURERS.

R-6 SUPPLY, OUTSIDE AND RETURN AIR DUCT INSULATION IN CONDITIONED AND UNCONDITIONED SPACES
R-8 SUPPLY AND RETURN AIR DUCT INSULATION OUTSIDE THE BUILDING
R-9 INSULATION BETWEEN DUCTS AND THE BUILDING EXTERIOR WHEN DUCTS ARE PART OF A BUILDING ASSEMBLY

AFV	ABOVE FINISHED FLOOR	MA	MAKE-UP AIR
BDD	BACKDRAFT DAMPER	MAU	MAKE-UP AIR UNIT
AHU	AIR HANDLING UNIT	MAV	MANUAL AIR VENT
CO2	CARBON DIOXIDE	MBH	1,000 BTU PER HR
D	CONDENSATE DRAIN	MFCU	MINI FAN COIL UNIT
DB	DRY BULB	MHP	MINI HEAT PUMP
EA	EXHAUST AIR	MVD	MANUAL VOLUME DAMPER
EAT	ENTERING AIR TEMPERATURE	NC	NORMALLY CLOSED
EDH	ELECTRIC DUCT HEATER	NO	NORMALLY OPEN
EF	EXHAUST FAN	OA	OUTSIDE AIR
ESP	EXTERNAL STATIC PRESSURE	OBD	OPPOSED BLADE DAMPER
EWI	ELECTRIC WALL HEATER	PIU	POWER INDUCTION UNIT
F	DEGREES FAHRENHEIT	RA	RETURN AIR
FCU	FAN COIL UNIT	RH	RELIEF HOOD
FD	FIRE DAMPER	RTU	ROOFTOP UNIT
FSD	COMBINATION FIRE/SMOKE DAMPER	SA	SUPPLY AIR
H	HUMIDISTAT	SP	STATIC PRESSURE
IH	INTAKE HOOD	UC	UNDER CUT DOOR
LAT	LEAVING AIR TEMPERATURE	VAV	VARIABLE AIR VOLUME
LWT	LEAVING WATER TEMPERATURE	WB	WET BULB
M	MOTOR	WL	WALL LOUVER

44001

 $\vdots M-0.01$

INDOOR UNIT									OUTDOOR UNIT				COMBINED COOLING CAPACITIES								REMARKS									
MARK	SERVICES	TOTAL S.A. (CFM)	O.A. (CFM)	E.S.F. (IN WG)	MOTOR (HP)	AUXILIARY HEATER (KW)	WEIGHT (LBS)	BASIS OF DESIGN	MIN. SEER	MIN. HSFP	WEIGHT (LBS)	BASIS OF DESIGN	NOMINAL TONNAGE (TONS)	COOLING																
														TOTAL (MBH)	SENS (MBH)	LAT (°F)	Ent. Tdb (°F)	Ent. Twb (°F)	Lvg. Tdb (°F)	Lvg. Twb (°F)										
FCU-1 / HP-1	NEW DINING ROOM	1,880	38.0	0.50	3/4 ECM	11.3	175.0	PX4DNFC61	14.0	8.2	250.0	25HCE460	5.0	61.9	45.7	16.2	78.6	66.1	56.5	55.5	X	X	X	X	X	X	X	X	X	X
FCU-2 / HP-2	NEW DINING ROOM	1,880	38.0	0.50	3/4 ECM	11.3	175.0	PX4DNFC61	14.0	8.2	250.0	25HCE460	5.0	61.9	45.7	16.2	78.6	66.1	56.5	55.5	X	X	X	X	X	X	X	X	X	X

NOTES (APPLY TO ALL):

A. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.
B. SUBMITTED UNIT CAPACITIES SHOULD BE WITHIN +/- 10% OF SCHEDULED CAPACITIES.
C. BASIS OF DESIGN: CARRIER. REFER TO SPECIFICATIONS.
ACCEPTABLE ALTERNATES: JCIWOK, TRANE, DAKIN/CMQUAY, LENNOX
D. ALL EVAPORATORS AND COOLING COILS LOCATED ABOVE THE LOWEST LEVEL FINISHED FLOOR SHALL BE INSTALLED WITH AN AUXILIARY CONDENSATE DRAIN PAN UNDER THE UNIT. PROVIDE AN ELECTRONIC WATER LEVEL DETECTOR WIRED TO SHUTDOWN THE UNIT UPON DETECTION OF WATER IN THE AUXILIARY DRAIN PAN.
E. AS AN ALTERNATIVE TO THE AUXILIARY CONDENSATE DRAIN PAN, AN ELECTRONIC WATER LEVEL DETECTOR WIRED TO SHUTDOWN THE UNIT UPON DETECTION OF WATER MAY BE INSTALLED IN THE PRIMARY DRAIN LINE, THE OVERFLOW DRAIN LINE OR THE EQUIPMENT SUPPLIED DRAIN PAN. THE WATER LEVEL DETECTOR SHALL BE LOCATED AT A POINT HIGHER THAN THE PRIMARY DRAIN LINE CONNECTION AND BELOW THE OVERFLOW RIM OF SUCH PAN.

REMARKS (APPLY AS SCHEDULED):

1. PROGRAMMABLE THERMOSTAT.
2. LOW AMBIENT PACKAGE
3. DISPOSABLE FILTER.
4. ANTI-SHORT CYCLE TIMER.
5. INDOOR FAN DELAY KIT.
6. DISCONNECT SWITCH PROVIDED BY ELECTRICAL SUBCONTRACTOR AT BOTH THE INDOOR AND OUTDOOR UNIT. REFER TO THE ELECTRICAL DOCUMENTS.
7. MOUNT OUTDOOR HEAT PUMP ON ROOF.

MARK	MODEL/ SERIES	TYPE	SERVICE	CFM	THROAT AREA (SF)	THROAT VELOCITY (FPM)	MAX SP (IN WC)	REMARKS		
								1	2	3
IT-1	GR51	INTAKE	FCU-1 & 2 OA INTAKE	760	1.45	524	0.05	X	X	X
REMARKS:										
1. INSULATED HOOD 2. ALUMINUM BIRDSCREEN 3. FACTORY, INSULATED, ROOF CURB										

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	NOISE CRITERIA @ MAX CFM	MODEL
R524 1 Ø	EGGCRATE GRILLE	24x15	24x15	25	TITUS 50F
SC1 80G	DOUBLE DEFLECTION REGISTER	20x5	1.6x6	25	TITUS 300F3
SCF05	SUPPLY CEILING PLAQUE DIFFUSER	24x24	5 Ø	25	TITUS OMNI

A. AIR DEVICE (I.E. DIFFUSERS, REGISTERS AND GRILLES) COLOR SELECTION SHALL BE MADE BY ARCHITECT. CONTRACTOR SHALL SUBMIT COLOR/FINISH CHARTS FOR ARCHITECTURAL REVIEW AND SELECTION.

B. THE CONTRACTOR SHALL COORDINATE AIR DEVICE FRAME AND/OR SUSPENSION TYPE WITH THE ARCHITECTURAL REFLECTED CEILING PLAN

Diagram illustrating the components and connections of a vertical air conditioning unit:

- NO SCALE
- RETURN AIR DUCT (SEE PLANS FOR SIZE AND CONTINUATION)
- SA DUCT UP. SEE FLOOR PLAN FOR SIZE AND ROUTING (TRANSITION TO FCU SUPPLY OPENING)
- FLEX CONNECTION
- OA DUCT (SEE FLOOR PLAN FOR SIZE AND CONTINUATION)
- MOUNT UNIT ON ANGLE IRON FRAME
- MANUAL VOLUME DAMPER
- BACK DRAFT DAMPER
- FILTER ACCESS
- FLOAT SWITCH TO SHUT DOWN UNIT
- AUXILIARY DRAIN PAN

NOTE:
ROUTE PRIMARY CONDENSATE LINE TO HUB DRAIN, SEE PLMB. DWGS.

NO SCALE

HOT-DIPPED
GALVANIZED STEEL
SUPPORT FRAME

POLYCARBONATE
BASE, TYPICAL

ROOFTOP CONDENSING UNIT / HEAT PUMP STAND:
 ROOFTOP CONDENSING UNITS AND HEAT PUMPS SHALL BE SUPPORTED BY
 PREFABRICATED SYSTEMS.

SYSTEM SHALL BE SIZED AND CUSTOM DESIGN BY MANUFACTURER.

PREFABRICATED SYSTEM SHALL BE MODEL HD BY MIRO INDUSTRIES OR
 EQUIVALENT.

SUPPORTS SHALL BE SPACED T INTERVALS SO AS TO ALLOW PROPER
 INSTALLATION AND OPERATION OF SUPPORTED EQUIPMENT.

Diagram illustrating the components and dimensions of a trap and vent assembly:

- CLEANOUT CAP, CLOSED DURING UNIT OPERATION
- PIPE FULL SIZE AIR UNIT DRAIN CONNECTION, MINIMUM
- OPEN END PIPE (EXTERIOR) CAPPED (INTERIOR)
- AIR UNIT CASING
- Dimensions: X1, X2, X3
- Flow direction indicated by an arrow labeled "FLOW"

WHERE:

- X1 = " PLUS MAXIMUM NEGATIVE STATIC PRESSURE
- X2 = HALF OF X1
- X3 = X1 + X2 + PIPE Ø + INSULATION

NOTES

- LOCATE TRAPS SO AS TO BE ACCESSIBLE FOR CLEANING.

NO SCALE

ROUND SHEET METAL DUCT DIAMETERS AS INDICATED ON PLANS.

NYLON TIE ON EXTERIOR INSULATION

NYLON TIE ON INTERNAL LINER

INTERIOR LINER

PREINSULATED FLEXIBLE DUCTWORK. SEE SPECIFICATIONS. LENGTH SHALL NOT EXCEED 8'-0". PROVIDE SUPPORT PER SMACNA STANDARDS. INSTALL FREE OF KINKS & SAGS.

DAMPER HERE FOR INACCESSIBLE CEILINGS (I.E. HANG CEILINGS)

PROVIDE FACTORY, PRE-MOLDED INSULATION BLANKET ON DIFFUSER BACKPLATE

SPIN-IN FITTING WITH SCOOP DAMPER HERE FOR ACCESSIBLE CEILINGS

TRUNK DUCT

NOTE:

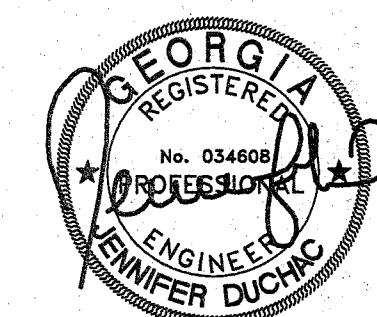
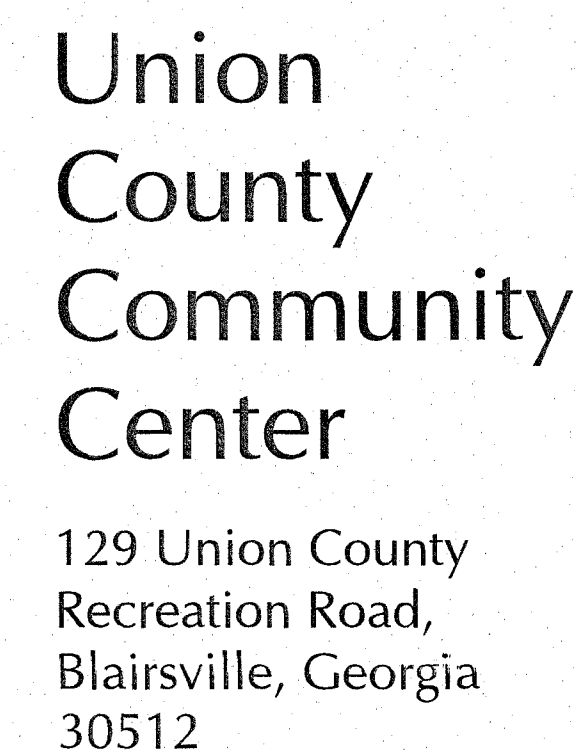
CONNECT FLEX DUCT ENDS TO SHEET METAL DUCT AND DIFFUSER NECK WITH NYLON TIES. INTERIOR LINER AND EXTERIOR INSULATION OF FLEX DUCT TO BE TIED INDIVIDUALLY. INSTALL USING TENSIONING TOOL AS PER MANUFACTURER'S RECOMMENDATIONS.

SUPPLY DIFFUSER - CEILING SEE ARCH

WHERE BRANCH DUCT SIZE DIFFERS FROM SCHEDULED DIFFUSER NECK SIZE, CONTRACTOR SHALL PROVIDE NECESSARY TRANSITION.

Diagram illustrating a Round - Round connection. A 45° lateral tee is shown joining a horizontal pipe. The tee is labeled "45° LATERAL TEE". The main pipe has a "S-CLIP JOINT OR ADHESIVE GASKET FITTING". Airflow is indicated by arrows: "AIRFLOW" pointing left in the tee and "AIRFLOW" pointing down in the main pipe.

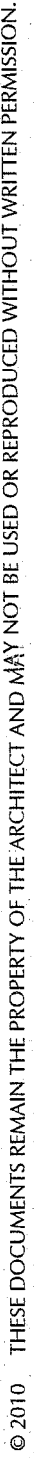
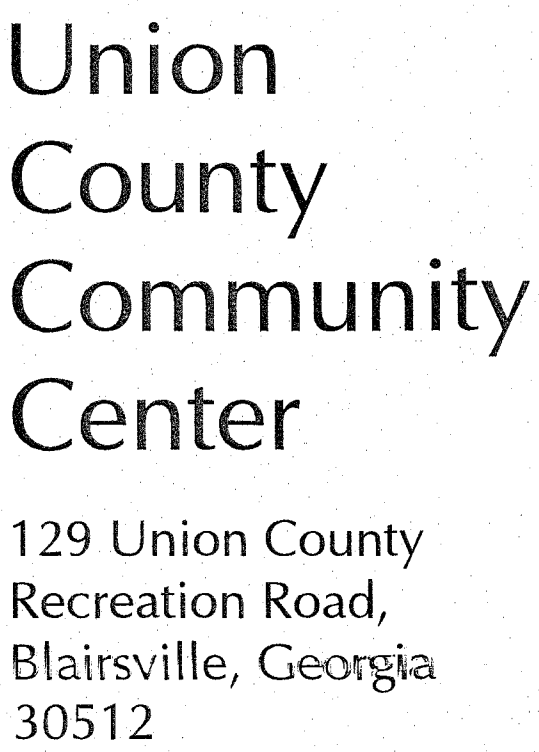
ROUND - ROUND



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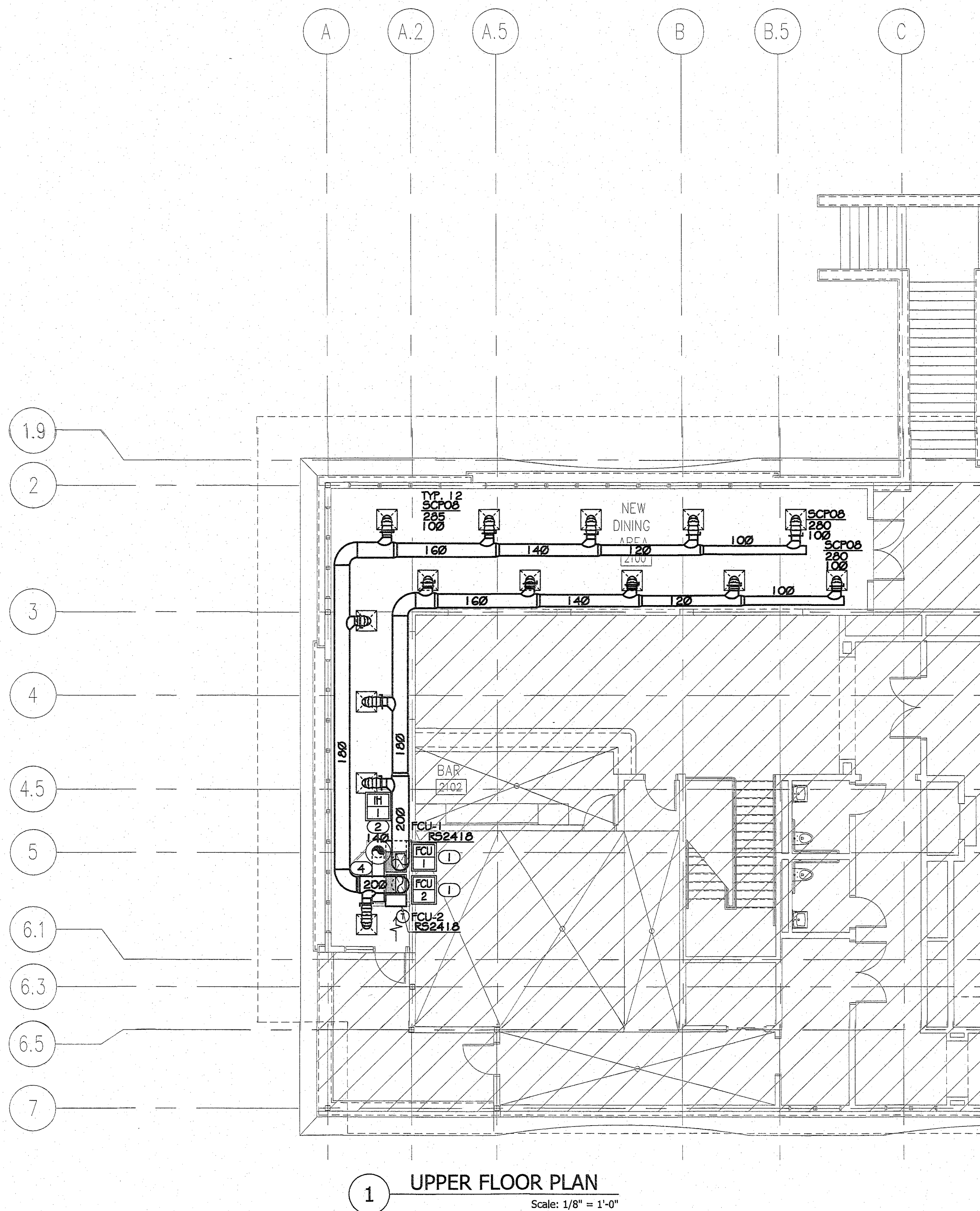
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REVISIONS

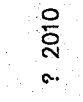
KEYNOTES

- ① TRAP AND ROUTE 1/2 CONDENSATE DRAIN LINE TO EXTERIOR WALL TO GRADE.
- ② OUTSIDE AIR ROUTED DOWN FROM GRAVITY VENTILATORS ON ROOF ABOVE.
- ③ CONTRACTOR TO FIELD COORDINATE HP-1 AND HP-2 ON ROOF WITH EXISTING EQUIPMENT.
- ④ OUTSIDE AIR DUCT TO RUN LOW IN CLOSET, CONNECTING TO EACH RETURN AIR PLENUM.



SHEET NO.

M-1.00



BID SET

VISIONS

ALL EXISTING ELECTRICAL DEVICES TO REMAIN UNLESS SPECIFIED ON DRAWING.

② HVAC EQUIPMENT LOCATED ON ROOF. COORDINATE EXACT LOCATION IN FIELD AND SEE MECHANICAL DRAWINGS FOR DETAILS.

∴ E = 1.00