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 OCCUPANCY TYPE

37 OCCUPANCY





EXISTING SINGLE FACE EXIT SIGN (DIRECTIONAL)



NEW DOUBLE FACE EXIT SIGN (DIRECTIONAL)



EXISTING EMERGENCY LIGHT



NEW EMERGENCY LIGHT

OCCUPANT LOAD FACTORS BY USE	,
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

ALL FIRE EXTINGUISHERS TO BE LOCATED

SEE ELECTRICAL DRAWINGS FOR ALL EMERGENCY EGRESS LIGHTING LOCATIONS.

SEE ELECTRICAL DRAWINGS FOR ALL EMERGENCY EXIT SIGN LOCATIONS.

STANDARDS.

ACCORDING TO PRESIDING FIRE MARSHAL'S

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

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	G FIXTURE	CALCULA	ATIONS						
PL	PLUMBING FIXTURE DISTRIBUTION PER IBC 2018 TABLE 2902.1 MINIMUM PLUMBING FIXTURE REQUIREMENTS												
				ASSEM	IBLY OCC	UPANCY							
OCCU	PANCY		OCCUPA	NCY			OCCUP	ANCY		DF	DRINKING	SERVICE	
USE	LOAD	RATIO	MALE	FEMALE	UNISEX	RATIO	MALE	FEMALE	UNISEX	RATIO	FOUNTAINS	SINK	
						1 PFR							
A2	628	1 PER 75	4.1867	4.1867	0	200	1.57	1.57	0	1 PER 500	1.256		
TOTAL RE	QUIRED		5	5	0		2	2	0		2	1	
TOTAL DE	SIGNED		6 (+6 LIRINIALS)	9	2			7	3		Δ	1	

UNION COUNTY COMMUNITY CENTER

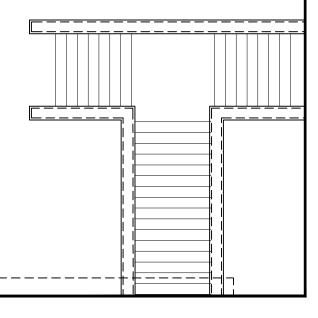
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11/11/2020

LS1.00

UPPER LEVEL FLOOR PLAN

N.T.S.



Gardner Spencer Smith Tench &

for the Practice of Architecture

CONSTRUCTION NOTES:

- 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.

1/8" = 1'-0"

UNION COUNTY COMMUNITY CENTER

PROIECT NAME

16107

11/11/2020

DATE

A-2.00 - A-2.01

SHEET NO

NORTH, SOUTH, EAST ELEVATION NOTES

SHEET TITLE

N.T.S.

SCALE

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RETURN GRILLES SHALL BE TITUS MODEL 50F FOR THE SIZES AND MOUNTING TYPES AS SHOWN ON THE PLANS AND OUTLET SCHEDULE. RETURN GRILLES MUST PROVIDE A FREE AREA OF AT LEAST 90%. OUTER BORDERS SHALL BE CONSTRUCTED OF HEAVY EXTRUDED ALUMINUM WITH A THICKNESS OF 0.040-0.050 INCH AND SHALL HAVE COUNTERSUNK SCREW HOLES FOR A NEAT APPEARANCE. BORDER WIDTH SHALL BE 11/4 INCHES ON ALL SIDES AND SHALL BE INTERLOCKED AT THE FOUR CORNERS AND MECHANICALLY STAKED TO FORM A RIGID FRAME. CHOICE OF THREE SIZES OF ALUMINUM GRID: 1/2 X 1/2 X 1/2 INCH, 1/2 X 1/2 X 1 INCH, OR 1 X 1 X 1 INCH SHALL BE AVAILABLE.

OPTIONAL OPPOSED-BLADE VOLUME DAMPER SHALL BE CONSTRUCTED OF HEAVY GAUGE STEEL OR ALUMINUM. DAMPER MUST BE OPERABLE FROM THE FACE OF THE GRILLE.

PLAQUE DIFFUSERS:

ARCHITECTURAL SQUARE PANEL CEILING DIFFUSERS SHALL BE OF THE SIZES AND MOUNTING TYPES SHOWN ON THE PLANS AND OUTLET SCHEDULE. THE FACE PANEL IS REMOVABLE BY MEANS OF FOUR HANGER BRACKETS. THE EXPOSED SURFACE OF THE FACE PANEL SHALL BE SMOOTH, FLAT, AND FREE OF VISIBLE FASTENERS. THE BACK OF THE FACE PANEL SHALL HAVE AN AERODYNAMICALLY SHAPED, ROLLED EDGE TO ENSURE A TIGHT HORIZONTAL DISCHARGE PATTERN. CEILING DIFFUSERS WITH A 24 X 24-INCH

THE BACKPAN SHALL BE ONE PIECE PRECISION DIE-STAMPED AND SHALL INCLUDE AN INTEGRALLY DRAWN INLET. THE DIFFUSER NECK SHALL HAVE A MINIMUM OF 11/4-INCH DEPTH AVAILABLE FOR DUCT CONNECTION.

FULL FACE SHALL HAVE NO LESS THAN AN 18 X 18-INCH FACE PANEL SIZE. CEILING DIFFUSERS

WITH A 12 X 12-INCH FULL FACE SHALL HAVE NO LESS THAN A 9 X 9-INCH FACE PANEL SIZE.

THE FINISH SHALL BE #26 WHITE. THE FINISH SHALL BE AN ANODIC ACRYLIC PAINT, BAKED AT 3 I 5°F FOR 30 MINUTES. THE PENCIL HARDNESS MUST BE HB TO H.

THE PAINT MUST PASS A LOO-HOUR ASTM BILT CORROSIVE ENVIRONMENTS SALT SPRAY

TEST WITHOUT CREEPAGE, BLISTERING OR DETERIORATION OF FILM. THE PAINT MUST PASS A 250-HOUR ASTM D870 WATER IMMERSION TEST. THE PAINT MUST ALSO PASS THE ASTM D2794 REVERSE IMPACT CRACKING TEST WITH A 50-INCH POUND FORCE APPLIED.

OPTIONAL ROUND DAMPER SHALL BE CONSTRUCTED OF HEAVY GAUGE STEEL. DAMPER MUST BE OPERABLE FROM THE FACE OF THE DIFFUSER. OPTIONAL DIRECTIONAL BLOW CLIPS SHALL BE AVAILABLE TO RESTRICT THE DISCHARGE AIR IN CERTAIN DIRECTIONS.

OPTIONAL MOLDED INSULATION BLANKET SHALL BE AVAILABLE. THE INSULATION WILL BE R-6, FOIL-BACKED, AND PROVIDE AN ADDITIONAL I-INCH GAP AROUND THE NECK TO INSTALL INSULATED FLEX DUCT.

THE MANUFACTURER SHALL PROVIDE PUBLISHED PERFORMANCE DATA FOR THE SQUARE PANEL DIFFUSER. THE DIFFUSER SHALL BE TESTED IN ACCORDANCE WITH ANSI/ASHRAE STANDARD 70-1991.

GRAVITY HOO

SPECIFICATIONS

DIFFUSERS, GRILLES, & REGISTERS

THE HOOD SHALL BE CONSTRUCTED OF ALUMINUM. THE INTERNAL STRUCTURE SHALL BE GALVANIZED STEEL.

THE CURB CAP SHALL BE NON-HINGED. THE HOUSING SHALL BE CONSTRUCTED OF ALUMINUM AND IN THE WINDBAND AND CURB CAP. THE WINDBAND SHALL BE ONE PIECE SPUN ALUMINUM CONSTRUCTION AND SHALL MAINTAIN THE ORIGINAL MATERIAL THICKNESS THROUGHOUT THE HOUSING. THE WINDBAND SHALL INCLUDE AN INTEGRAL ROLLED BEAD. THE CURB CAP SHALL INCLUDE PREPUNCHED MOUNTING HOLES TO ENSURE CORRECT ATTACHMENT TO THE ROOF.

REFER TO THE EQUIPMENT SCHEDULE FOR A FULL LISTING OF REQUIRED HOOD ACCESSORIES.

HEAT PUMP:

EQUIPMENT
— FACTORY ASSEMBLED, SINGLE PIECE, AIR-COOLED HEAT PUMP UNIT. CONTAINED WITHIN THE UNIT ENCLOSURE IS ALL FACTORY WIRING, PIPING, CONTROLS, COMPRESSOR, REFRIGERANT CHARGE OF R-4 I OA, AND SPECIAL FEATURES REQUIRED PRIOR TO FIELD

UNIT CABINET

— UNIT CABINET WILL BE CONSTRUCTED OF GALVANIZED STEEL, BONDERIZED, AND COATED WITH A POWDER COAT PAINT.

— CONDENSER FAN WILL BE DIRECT--DRIVE PROPELLER TYPE, DISCHARGING AIR UPWARD. — CONDENSER FAN MOTORS WILL BE TOTALLY ENCLOSED, 1-PHASE TYPE WITH CLASS B

INSULATION AND PERMANENTLY LUBRICATED BEARINGS.

— SHAFTS WILL BE CORROSION RESISTANT.

— FAN BLADES WILL BE STATICALLY AND DYNAMICALLY BALANCED.

— CONDENSER FAN OPENINGS WILL BE EQUIPPED WITH STEEL WIRE SAFETY GUARDS.

— COMPRESSOR WILL BE HERMETICALLY SEALED. — COMPRESSOR WILL BE MOUNTED ON RUBBER VIBRATION ISOLATORS.

CONDENSER COIL

— CONDENSER COIL WILL BE AIR COOLED.

— COIL WILL BE CONSTRUCTED OF ALUMINUM FINS MECHANICALLY BONDED TO COPPER

TUBES WHICH ARE THEN CLEANED, DEHYDRATED, AND SEALED.

REFRIGERATION COMPONENTS

— REFRIGERATION CIRCUIT COMPONENTS WILL INCLUDE LIQUID-LINE SHUTOFF VALVE WITH

SWEAT CONNECTIONS, VAPOR--LINE SHUTOFF VALVE WITH SWEAT CONNECTIONS, SYSTEM CHARGE OF R-410A REFRIGERANT, POE COMPRESSOR OIL, ACCUMULATOR, AND REVERSING VALVE.

SEE SCHEDULE FOR LIST OF ACCEPTABLE MANUFACTURERS.

FAN COIL UNIT:

GENERAL: EXCEPT AS OTHERWISE INDICATED, PROVIDE FAN COIL UNIT MANUFACTURER'S STANDARD MATERIALS AND COMPONENTS AS INDICATED BY PUBLISHED PRODUCT INFORMATION, DESIGNED AND CONSTRUCTED AS RECOMMENDED BY MANUFACTURER, AND AS REQUIRED FOR A COMPLETE INSTALLATION.

COOLING COILS: EXCEPT AS OTHERWISE INDICATED, PROVIDE MANUFACTURER'S STANDARD COIL OF INDICATED TYPE AND RATED FOR INDICATED CAPACITY. COPPER TUBE COILS, MECHANICALLY EXPANDED INTO ALUMINUM PLATE FINS; RATED AT 250 PSIG AND LEAK TESTED AT 350 PSIG MIN. AIR PRESSURE. PROVIDE MANUAL AIR VENTS.

ELECTRIC HEATING COILS SHALL BE AN OPEN GRID TYPE WITH FACTORY INSTALLED HIGH LIMIT CONTROL. HEATER SHALL BE FULLY ACCEPTABLE THROUGH THE DISCHARGE GRILLE OPENINGS.

THE FAN SHALL BE A CENTRIFUGAL, FORWARD CURVED, DOUBLE WIDTH, DOUBLE INLET, DIRECT DRIVE TYPE. BALANCED STATICALLY AND DYNAMICALLY, AND OF INDICATED CAPACITY.

MOTORS SHALL BE OF INDICATED CAPACITY, 3 SPEED, PERMANENT SPLIT CAPACITOR, INSTALLED FOR EASY REMOVAL. PROVIDE MOTORS WITH AUTOMATIC-RESET AND INTEGRAL THERMAL OVERLOAD PROTECTION. MOTORS SHALL BE CAPABLE OF OPERATING AT TEMPERATURES INDICATED ON DRAWINGS WITHOUT OVERLOADING. MOTOR SHALL BE CAPABLE OF FIELD OILING AS REQUIRED.

CABINETS: CABINETS SHALL BE FABRICATED OF 18 GAUGE STEEL AND HAVE BAKED ENAMEL FINISH. ALL SURFACES IN CONTACT WITH AIR STREAM SHALL BE INSULATED WITH HALF INCH THICK, 1-1/2 POUND DENSITY, MATT FACED, GLASS FIBER INSULATION.

THE FILTER SHALL BE ONE INCH THICK, THROWAWAY GLASS FIBER TYPE.

THE DRAIN PAN SHALL BE REMOVABLE AND HAVE SELF EXTINGUISHER THREE (3) POUND DENSITY CELLULAR POLYSTYRENE PLASTIC LINER, THE DRAIN PAN SHALL EXTEND UNDER THE ENTIRE COIL SECTION.

THERMOSTAT SHALL BE 7-DAY PROGRAMMABLE TYPE.

SEE SCHEDULE FOR LIST OF ACCEPTABLE MANUFACTURERS.

SPECIFICATIONS

APPLICABLE CODES:

INTERNATIONAL FIRE CODE (IFC), 2018 EDITION

- 2020 IFC GA AMENDMENTS
 INTERNATIONAL PLUMBING CODE (IPC), 2018 EDITION
 2020 IPC GA AMENDMENTS
- INTERNATIONAL MECHANICAL CODE (IMC), 2018 EDITION 2020 IMC GA AMENDMENTS

2020 SUPPLEMENTS AND AMENDMENTS

INTERNATIONAL FUEL GAS CODE (IFGC), 2018 EDITION
2020 IFGC GA AMENDMENTS
INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2015 EDITION

EXISTING CONDITIONS:

CONTRACTOR SHALL VISIT THE SITE AND UNDERSTAND JOB CONDITIONS BEFORE SUBMITTING A PROPOSAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS AND SIZES OF ALL EXISTING UTILITY SERVICES PRIOR TO SUBMITTING HIS PROPOSAL. NO CONSIDERATION WILL BE GIVEN TO CLAIMS FOR EXTRA COST ARISING FROM CONTRACTOR'S FAILURE TO BE FULLY COGNIZANT OF JOB OR SITE CONDITIONS EXISTING AT TIME OF ACCEPTANCE OF BID.

LEGEND

SYMBOLS

ACTIVE SERVICES: WHEN ENCOUNTERED IN WORK, PROTECT, BRACE, SUPPORT EXISTING ACTIVE SEWERS, GAS AND OTHER SERVICES REQUIRED FOR PROPER EXECUTION OF WORK. IF EXISTING ACTIVE SERVICES ARE ENCOUNTERED THAT REQUIRE RELOCATION, RELOCATE AS APPROVED. DO NOT PREVENT OR DISTURB OPERATION OF ACTIVE SERVICES THAT ARE TO

INACTIVE SERVICES: WHEN ENCOUNTERED IN WORK, REMOVE, CAP OR PLUG INACTIVE SERVICES, AS INDICATED.

INTERRUPTION OF SERVICES: WHERE WORK MAKES TEMPORARY SHUT-DOWNS OF SERVICES UNAVOIDABLE, SHUT DOWN AT NIGHT, OR AT SUCH TIMES AS APPROVED BY OWNER, WHICH WILL CAUSE LEAST INTERFERENCE WITH ESTABLISHED OPERATING ROUTINE. ARRANGE WORK TO ASSURE THAT SERVICES WILL BE SHUT DOWN ONLY DURING TIME ACTUALLY REQUIRED TO MAKE NECESSARY CONNECTION TO EXISTING WORK.

WHERE EXISTING WALLS, CEILINGS, FLOORS, ETC., ARE CUT OR OTHERWISE DAMAGED DURING CONSTRUCTION, REPAIR ALL SURFACES TO THEIR ORIGINAL CONDITION.

HOP DRAWINGS:

SUBMIT SHOP DRAWINGS FOR REVIEW. PDF FILES PREFERRED. SHOP DRAWINGS SHALL BE BOUND INTO VOLUMES (FILES), WITH EACH VOLUME (FILE) CONTAINING ONE COPY OF ALL SHOP DRAWINGS. ALL SHOP DRAWINGS SHALL BE SUBMITTED SIMULTANEOUSLY; NO SHOP DRAWINGS WILL BE CHECKED UNTIL ALL HAVE BEEN SUBMITTED.

SUBMITTALS SHALL BE SUPPORTED BY DESCRIPTIVE MATERIAL, SUCH AS CATALOG CUTS, DIAGRAMS, PERFORMANCE CURVES AND CHARTS PUBLISHED BY THE MANUFACTURER, TO SHOW CONFORMANCE TO SPECIFICATION AND DRAWING REQUIREMENTS; MODEL NUMBERS ALONE WILL NOT BE ACCEPTABLE. ALL LITERATURE SHALL CLEARLY INDICATE THE SPECIFIED MODEL NUMBER, DIMENSIONS, ARRANGEMENT, RATING AND CHARACTERISTICS OF THE PROPOSED EQUIPMENT. CAPACITIES AND RATINGS SHALL BE BASED ON CONDITIONS INDICATED OR SPECIFIED HEREIN. ANY DEVIATIONS FROM SPECIFIED EQUIPMENT (PARTICULARLY THOSE WHICH REQUIRE COORDINATION WITH OTHER TRADES) SHALL BE CLEARLY NOTED IN A CONCISE LIST ON A SEPARATE SHEET.

TEST AND BALAN

THE CONTRACTOR SHALL RETAIN THE SERVICES OF AN INDEPENDENT TEST AND BALANCE AGENCY THAT IS INDEPENDENT OF ANY CONTRACTOR, SUB-CONTRACTOR, OR MANUFACTURER TO PERFORM THE TESTING AND BALANCING AND PREPARE REPORTS TO THE GENERAL CONTRACTOR. THE INDEPENDENT TEST AND BALANCE AGENCY SHALL HAVE A CERTIFIED MEMBER OF THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB).

TEST AND BALANCE SHALL ALSO PROVIDE QUOTE TO PERFORM BALANCING FOR COMFORT SIX MONTHS AFTER THE SPACE IS OCCUPIED.

P-TAB.COM OR EQUIVALENT.

GUARANTEE:

GUARANTEE THAT EACH PIECE OF APPARATUS SHALL BE OF THE CUSTOMARY STANDARD AND QUALITY FURNISHED BY THE DESIGNED MANUFACTURER FOR THAT CATALOG NUMBER.

GUARANTEE THAT THE AIR SYSTEMS SHALL OPERATE WITHOUT AERODYNAMIC NOISE GENERATED FROM THE FAULTY INSTALLATION OF DUCT WORK OR ANY COMPONENT OF THE AIR DISTRIBUTION SYSTEM.

GUARANTEE THAT ALL SYSTEMS AND COMPONENTS SHALL BE PROVIDED WITH A ONE YEAR WARRANTY FROM THE TIME OF DATE OF SUBSTANTIAL COMPLETION. THE WARRANTY SHALL COVER ALL MATERIALS AND WORKMANSHIP. DURING THIS WARRANTY PERIOD, ALL DEFECTS IN MATERIALS AND WORKMANSHIP SHALL BE CORRECTED BY REPAIR OR REPLACEMENT WITHOUT INCURRING ADDITIONS TO THE CONTRACT.

GENERAL NOTES:

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL CEILING MOUNTED EQUIPMENT.

ALL DUCT DIMENSIONS INDICATED IN THESE DOCUMENTS ARE INSIDE-CLEAR DIMENSIONS.

PORTIONS OF DUCTWORK OR PIPING VISIBLE THROUGH GRILLES AND REGISTERS IN FINISHED AREAS SHALL BE PAINTED FLAT BLACK. PAINT BLACK BEHIND ALL GRILLES.

ALL WIRING IN THE CEILING PLENUM SHALL BE PLENUM RATED CABLE.

MOUNTING FRAME OF CEILING MOUNTED AIR DISTRIBUTION DEVICES SHALL BE COMPATIBLE WITH CEILING TYPE. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPE.

ALL FIRE SEPARATIONS MUST BE PROTECTED WHEN APPLICABLE.

PROVIDE NEW FILTERS (MERV 7 OR BETTER PER OWNER) FOR ALL APPLICABLE HVAC

EQUIPMENT AT THE END OF CONSTRUCTION.

ALL MATERIAL IN PLENUM MUST MEET FIRE AND SMOKE SPREAD AS REQUIRED BY NFPA 90A.

ALL ROOF PENETRATIONS TO BE 12" APART AND AT LEAST 12" AWAY FROM CURBS, WALLS,

FLASHING EACH ROOF PENETRATION.

SUBSTITUTIONS MUST BE APPROVED IN WRITING BY ARCHITECT PRIOR TO BID SUBMISSION.

AND DRAIN SUMPS TO PROVIDE ROOFING CONTRACTOR WITH SUFFICIENT ACCESS FOR

CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS AND SHALL BE FAMILIAR WITH THE SCOPE AND REQUIREMENTS OF THIS PROJECT. ANY DISCREPANCIES OR LACK OF CLARITY IN THE DOCUMENTS SHALL BE IDENTIFIED TO THE ARCHITECT OR ENGINEER PRIOR TO THE SUBMISSION OF PRICING BIDS. WITH A SUBMITTED BID, CONTRACTOR IS ACCEPTING THESE DOCUMENTS AS SUFFICIENT DEFINITION OF THE SCOPE OF WORK, AND ANY ADDITIONAL

COSTS BASED ON UNCLARITY OF CONTRACT DOCUMENTS WILL NOT BE CONSIDERED.

THE CONTRACTOR SHALL REFERENCE THE FULL SET OF CONSTRUCTION DOCUMENTS DURING PRICING AND CONSTRUCTION FOR COORDINATION BETWEEN DISCIPLINES RELATIVE TO THE MECHANICAL SCOPE.

DUCTWORK AND ACCESSORIES:

BUILDING ASSEMBLY

INDUSTRY STANDARDS: COMPLY WITH SMACNA (SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION) HVAC DUCT CONSTRUCTION STANDARDS, RECOMMENDATIONS FOR FABRICATION, GAUGES, CONSTRUCTION AND DETAILS, AND INSTALLATION PROCEDURES, EXCEPT AS OTHERWISE INDICATED.

COMPLY WITH ASHRAE (AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS) FUNDAMENTALS HANDBOOK RECOMMENDATIONS, EXCEPT AS OTHERWISE INDICATED.

DUCTWORK METAL AND GAUGES: EXCEPT AS OTHERWISE INDICATED, FABRICATE DUCTWORK FROM GALVANIZED SHEET STEEL COMPLYING WITH ASTM A527, LOCKFORMING QUALITY, WITH ASTM A525 G90 ZINC COATING, MILL PHOSPHATIZED. GAUGES TO COMPLY WITH SMACNA STANDARDS.

DUCT SEALANT: NON-HARDENING, NON-MIGRATING MASTIC OR LIQUID ELASTIC SEALANT (TYPE APPLICABLE FOR THE FABRICATION/INSTALLATION DETAIL) AS COMPOUNDED AND RECOMMENDED BY THE MANUFACTURER SPECIFICALLY FOR SEALING JOINTS AND SEAMS IN DUCTWORK.

DUCTWORK SUPPORT MATERIALS: EXCEPT AS OTHERWISE INDICATED, PROVIDE UPPER ATTACHMENT, HANGERS OF GALVANIZED STEEL STRAPS, OR STEEL RODS AND LOWER ATTACHMENT FOR SUPPORT OF DUCTWORK. HANGING/SUPPORT SYSTEMS SHALL BE IN ACCORDANCE WITH SMACNA REQUIREMENTS.

EXPOSED DUCTWORK SHALL BE DOUBLE-WALL SPIRAL PIPE WITH PAINT GRIP UNLESS OTHERWISE NOTED OR SUBSTITUTION APPROVED BY OWNER.

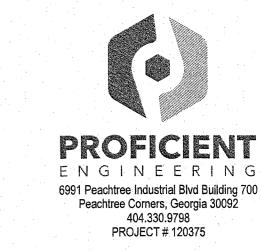
VOLUNTARY ALTERNATE EXPOSED DUCTWORK SHALL BE SINGLE-WALL SPIRAL PIPE UNLESS OTHERWISE NOTED OR SUBSTITUTION APPROVED BY OWNER. ALL EXPOSED DUCTWORK SHALL BE LINED IN LIEU OF WRAPPED. DUCT LINER THERMAL RESISTANCE SHALL MEET THE MINIMUM VALUES SPECIFIED IN PARAGRAPH 'DUCT INSULATION' BELOW.

DUCTWORK LOCATED OUTSIDE OF THE BUILDING ENVELOPE SHALL BE THERMADUCT PRODUCTS OR COVERED WITH 3M VENTURECLAD JACKETING, OR EQUAL PRODUCT, AND SEALED WEATHER-TIGHT.

DUCT INSULATION:

R-8 INSULATION BETWEEN DUCTS AND THE BUILDING EXTERIOR WHEN DUCTS ARE PART OF A

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



DESCRIPTION

POSITIVE PRESSURE (AIR GOES OUT) DIFFUSER OR REGISTER, 4-WAY

DIFFUSER, GRILLE, REGISTER OR LOUVER TAG

AIR PATTERN (UNLESS OTHERWISE NOTED)

NEGATIVE PRESSURE (AIR GOES IN) GRILLE

POSITIVE PRESSURE AIRFLOW (TYP. SUPPLY)

MANUAL VOLUME DAMPER (MVD)

VERTICAL (TYP. WALL) FIRE DAMPER

REMOTE TEMPERATURE SENSOR

INTERNALLY LINED DUCT

BACKDRAFT DAMPER (BDD)

NEGATIVE PRESSURE AIRFLOW (TYP. RETURN/EXHAUST)

VERTICAL (TYP. WALL) COMBINATION FIRE/SMOKE DAMPER

HORIZONTAL (TYP. FLOOR/CEILING) COMBINATION FIRE/SMOKE

HORIZONTAL (TYP. FLOOR/CEILING) FIRE DAMPER

XI = TYPE, X2 = CFM

FLEXIBLE DUCT

DAMPER

DUCT UP

DUCT UP

DUCT DOWN

THERMOSTAT

Union County Community Center

129 Union County Recreation Road, Blairsville, Georgia 30512



RELEASED FOR CONSTRUCTION

BID SET

REVISIONS

10/30/2020

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	<u> </u>		SUPPLY DUCT		
		JNIT #	EQUIPMENT TYPE EQUIPMENT NUMBER INSTANCES.	. WHERE A L	ETTER IS USED, THERE ARE MULTIPLE
	ABBR	EVIATIC	NS .		
-	AFF	ABOVE FINISHI	ED FLOOR	МА	MAKE-UP AIR
	BDD	BACKDRAFT D)AMPER	MAU	MAKE-UP AIR UNIT
	AHU	AIR HANDLING	UNIT	MAV	MANUAL AIR VENT
	CO2	CARBON DIOX	IDE	МВН	I,000 BTU PER HR
	D	CONDENSATE	DRAIN	MFCU	MINI FAN COIL UNIT
	DB	DRY BULB	***	МНР	MINI HEAT PUMP
	EA	EXHAUST AIR		MVD	MANUAL VOLUME DAMPER
	EAT	ENTERING AIR	TEMPERATURE	NC	NORMALLY CLOSED
	EDH	ELECTRIC DUC	T HEATER	NO	NORMALLY OPEN
	EF	EXHAUST FAN		ОА	OUTSIDE AIR
	ESP	EXTERNAL STA	TIC PRESSURE	OBD	OPPOSED BLADE DAMPER
	EWH	ELECTRIC WAL	L HEATER	PIU	POWER INDUCTION UNIT
	F	DEGREES FAH	RENHEIT	RA	RETURN AIR
	FCU	FAN COIL UNI	r :	RH	RELIEF HOOD
-	FD	FIRE DAMPER		RTU	ROOFTOP UNIT
	FSD	COMBINATION	I FIRE/SMOKE DAMPER	SA	SUPPLY AIR
	Н	HUMIDISTAT		SP	STATIC PRESSURE
	IH	INTAKE HOOD		UC	UNDER CUT DOOR
	LAT	LEAVING AIR 1	TEMPERATURE	VAV	VARIABLE AIR VOLUME
	LWT	LEAVING WATE	ER TEMPERATURE	WB	WET BULB
	М	MOTOR		WL	WALL LOUVER

: Gardne
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Jarbeau

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GENERAL SHEET NO

M-0.01

SHEET TITLE

SPLIT DIRECT EXPANSION (DX) EQUIPMENT

				INDOOR	UNIT					01	UTDOOR UNI	File Pintonia			СОМВІ	NED COC	DLING CAPA	CITIES						
		TOTAL				AUXILIARY		BASIS				BASIS	NOMINAL				COOLIN	G				REMARK	KS	
MARK	SERVES	S.A.	O.A.	E.S.P.	MOTOR	HEATER	WEIGHT	OF	MIN.	MIN.	WEIGHT	OF	TONNAGE	TOTAL	SENS	LAT	Ent. Tdb	Ent. Twb	Lvg. Tdb	Lvg. Twb				
		(CFM)	(CFM)	(IN WG)	(hp)	(kW)	(LBS)	DESIGN	SEER	HSPF	(LBS)	DESIGN	(TONS)	(MBH)	(MBH)	(MBH)	(°F)	(°F)	(°F)	(°F)	1 2	3 4	5 6	Τ
FCU-1/ HP-1	NEW DINING ROOM	1,990	380	0.50	3/4 ECM	11.3	175.0	FX4DNF061	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	
FCU-2/ HP-2	NEW DINING ROOM	1,990	380	0.50	3/4 ECM	11.3	175.0	FX4DNF061	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	

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: JCIYORK, TRANE, DAIKIN/MCQUAY, 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):

- I. PROGRAMMABLE THERMOSTAT.
- LOW AMBIENT PACKAGE
 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.

GRAVITY VENTILATORS

						THROAT	MAX	RE	MAR	KS
MARK	MODEL/	TYPE	SERVICE	CFM	THROAT	VELOCITY	SP		2	3
	SERIES				AREA (SF)	(FPM)	(IN WC)			
IH-1	GRSI	INTAKE	FCU-1 \$ 2 OA INTAKE	760	1.45	524	0.05	X	Х	Х

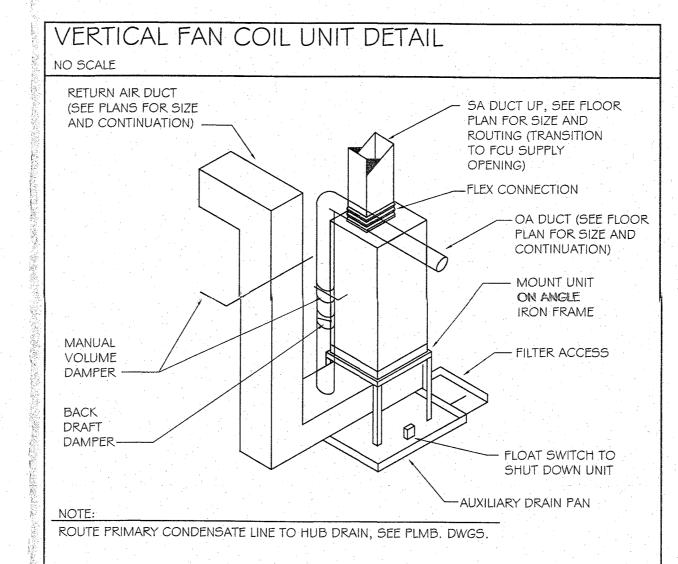
REMARKS:

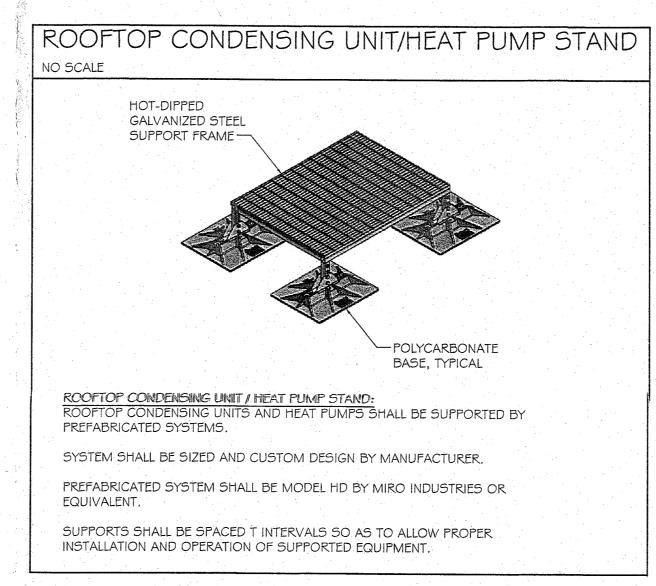
- 1. INSULATED HOOD
- 2. ALUMINUM BIRDSCREEN
- 3. FACTORY, INSULATED, ROOF CURB

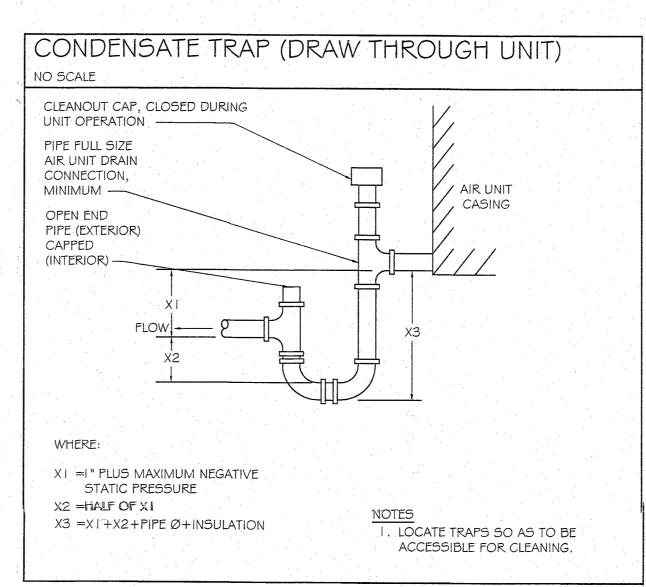
DIFFUSER, GRILLE, AND REGISTER SCHEDULE

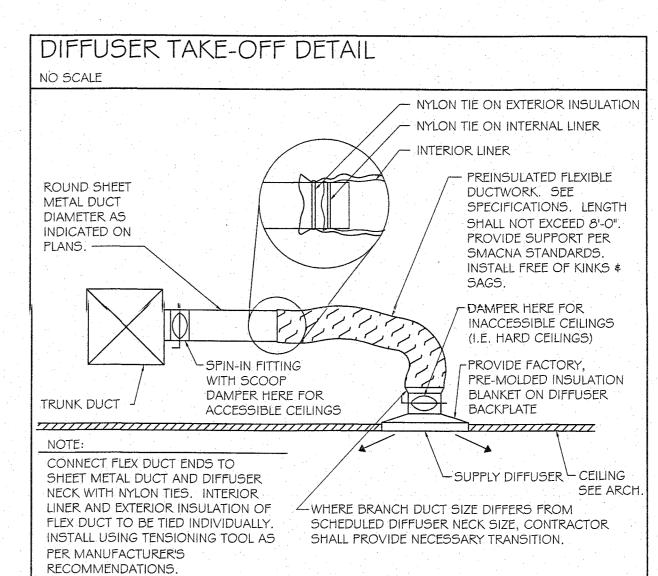
	CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	NOISE CRITERIA @ MAX CFM	MODEL
:	R52418	EGGCRATE GRILLE	24x18	24x18	25	TITUS 50F
	501806	DOUBLE DEFLECTION REGISTER	20x8	18x6	25	TITUS 300FS
	5CP08	SUPPLY CEILING PLAQUE DIFFUSER	24x24	8Ø	25	TITUS OMNI

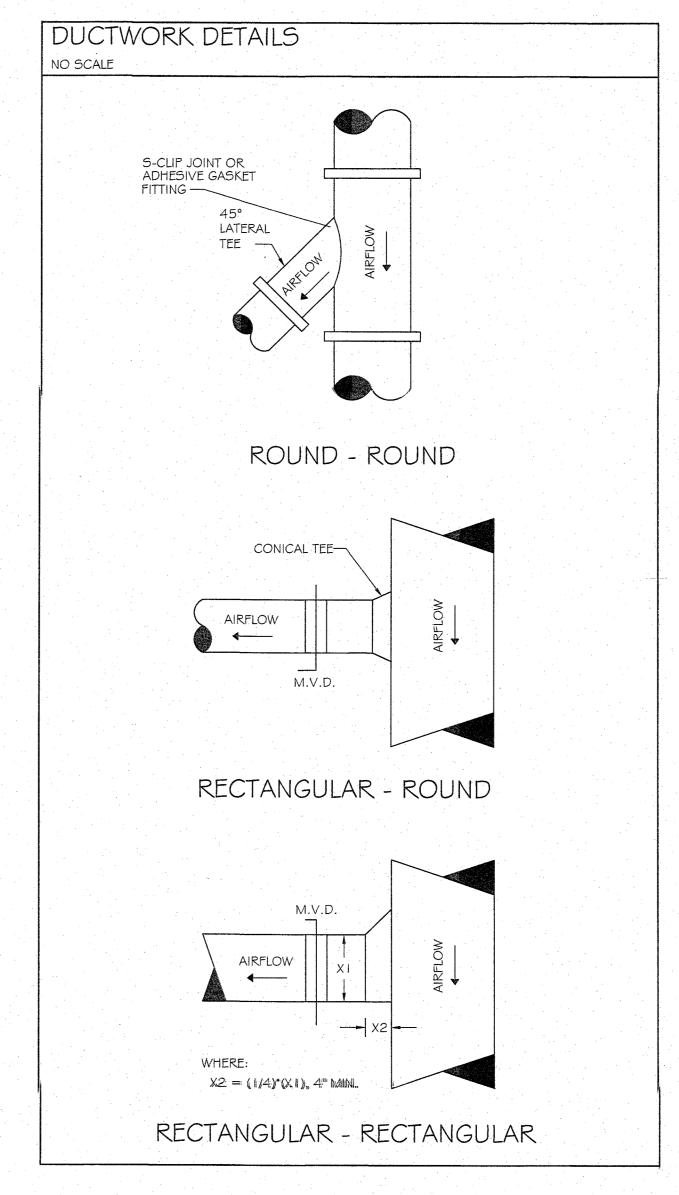
A. AIR DEVICE (I.E. DIFFUSERS, REGISTERS AND GRILLES) COLOR SELECTION SHALL BE MADE BY ARCHITECT. CONTRACTOR SHALL SUBMIT COLOR/FINISH CHARTS FOR ARCHITECTURAL REVIEW AND SELECTION.
B. THE CONTRACTOR SHALL COORDINATE AIR DEVICE FRAME AND/OR SUSPENSION TYPE WITH THE ARCHITECTURAL REFLECTED CEILING













Union County Community Center

129 Union County Recreation Road, Blairsville, Georgia 30512



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Gardner Spencer Smith Tench & Jarbeau

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DETAILS & SCHEDULES

PROJECT NO

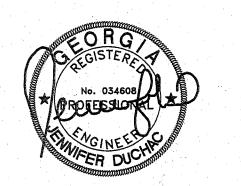
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RELEASED FOR CONSTRUCTION

BID SET

REVISIONS

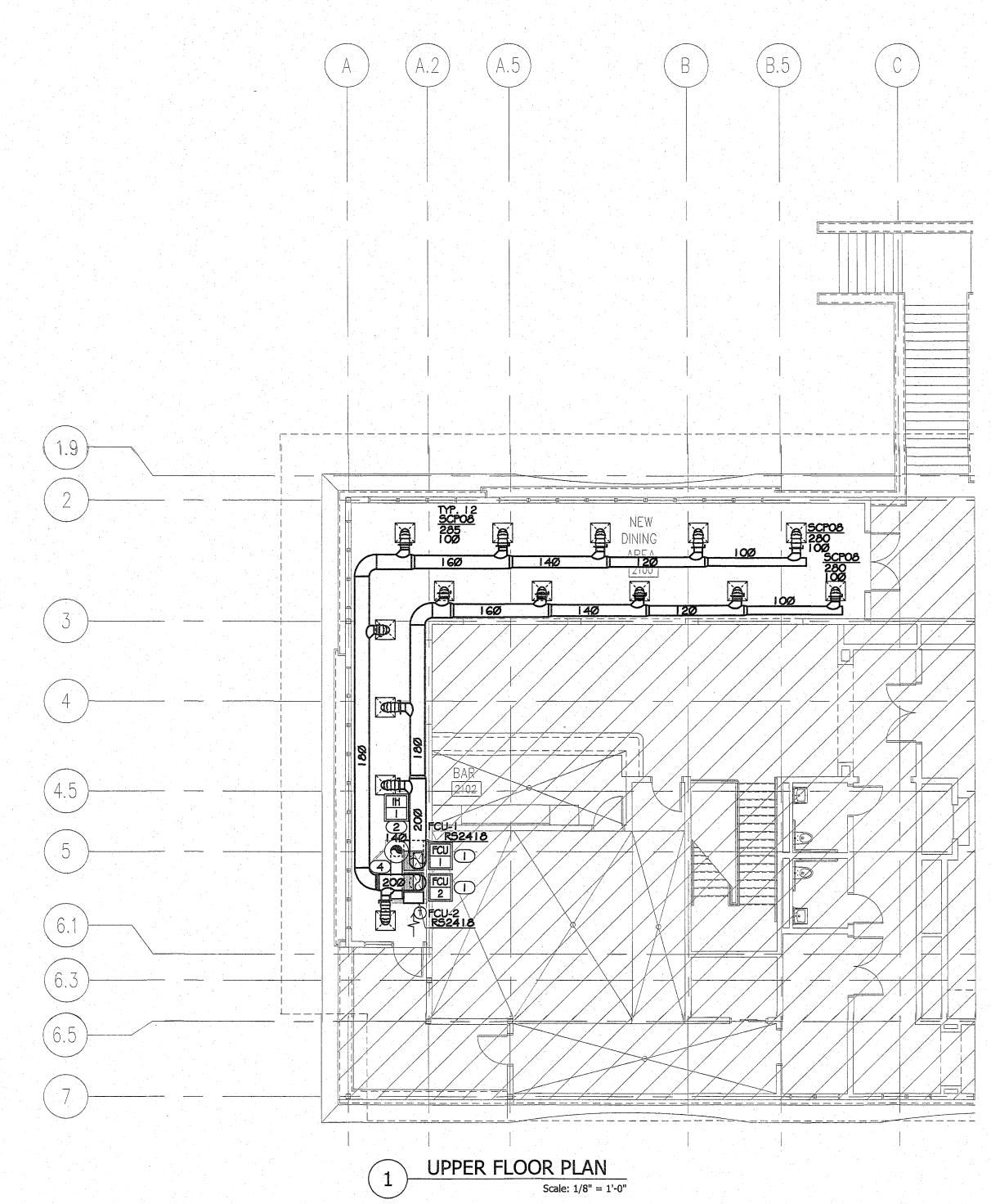
10/30/2020

GENERAL NOTES

- A. EACH SUPPLY DIFFUSER/REGISTER RUNOUT SHALL BE PROVIDED WITH A VOLUME DAMPER. REFER TO THE DIFFUSER TAKE-OFF DETAIL FOR ADDITIONAL INFORMATION.
- B. DRAWINGS ARE DIAGRAMMATIC ONLY; FINAL ROUTING OF DUCTWORK AND EQUIPMENT LOCATIONS SHALL BE DETERMINED IN THE FIELD. ADDITIONAL OFFSETS, ELBOWS, ETC. SHALL BE PROVIDED AND INSTALLED WITHOUT ADDITIONAL COST TO THE OWNER.
- CONTRACTOR TO FIELD COORDINATE HP-1 AND HP-2 ON ROOF WITH EXISTING EQUIPMENT.
- D. HATCHED AREAS NOT IN SCOPE.

KEYNOTES

- TRAP AND ROUTE I "Ø 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
- 4 OUTSIDE AIR DUCT TO RUN LOW IN CLOSET, CONNECTING TO EACH RETURN AIR PLENUM.



50 **H**urt Pla**z**a SE : Suite 1100 : 404 522 8805 · 404 521 2118 (f)

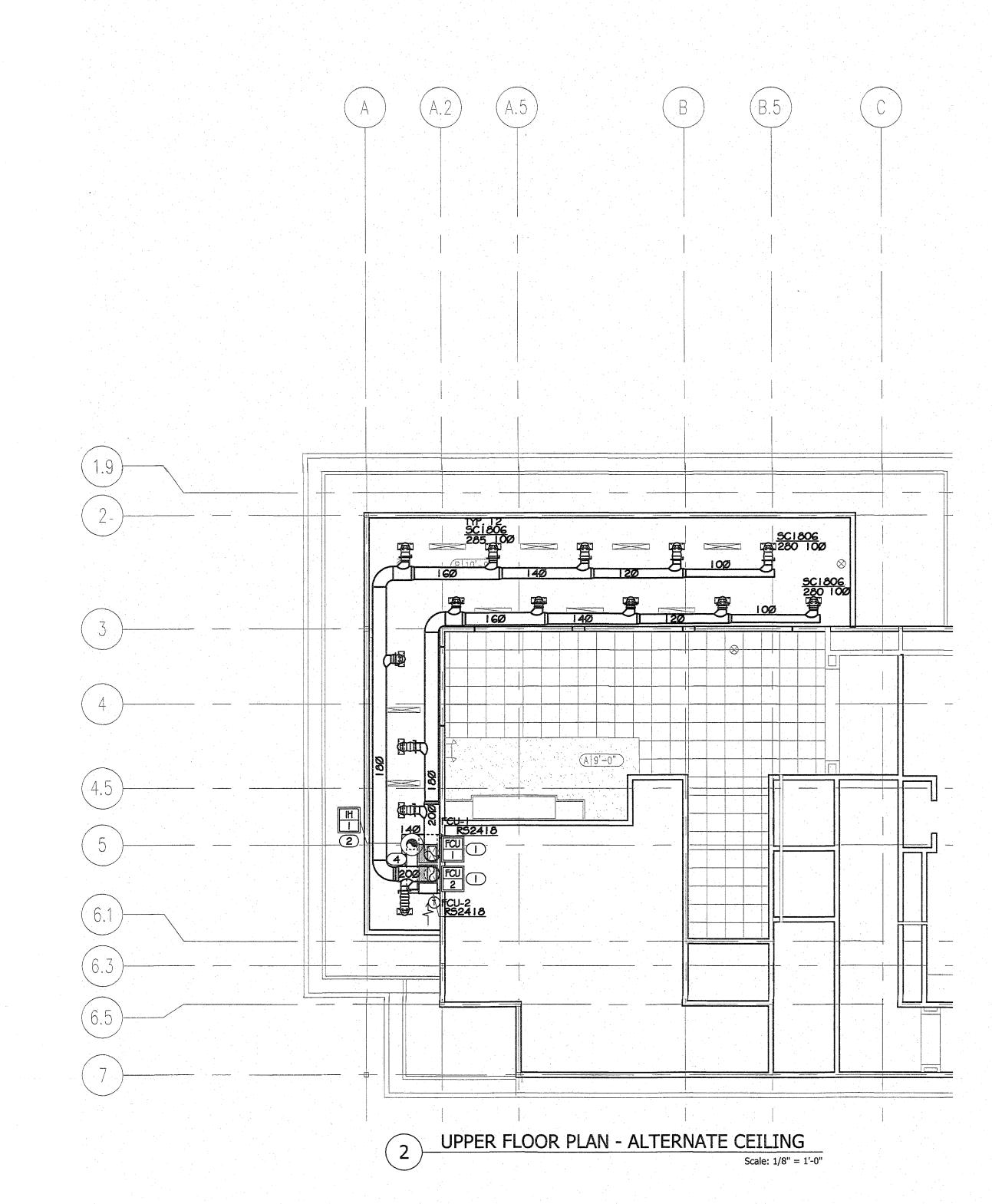
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: UPPER LEVEL FLOOR PLAN SHEET NO

PROJECT NO

SHEET TITLE



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SPECIFICATIONS
 CONTRACTOR SHALL REFER TO ALL RELATED DOCUMENTS, ARCHITECTURAL, STRUCTURAL,
CIVIL AND MEP DRAWINGS, AND FULLY UNDERSTAND THE SCOPE OF WORK AND CONDITION
OF CONSTRUCTION.
THE WORK UNDER THIS SPECIFICATIONS AND DRAWINGS SHALL INCLUDE ALL LABOR.
 ALL INSTALLATION OF DEVICES AND CONNECTION OF CONDUCTORS SHALL BE PERFORMED
BY LICENSED AND SKILLED ELECTRICIAN OR JOURNEYMAN.
ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE OWNER. IF ANY PORTION OF
THE WORK IS FOUND UNSATISFACTORY BY THE OWNER, IT SHALL BE REMOVED AND
REINSTALLED WITHOUT DELAY AT NO COST TO THE OWNER.
 THE WORK INCLUDES, BUT NOT LIMITED TO:
     THE COMPLETE ELECTRICAL DISTRIBUTION SYSTEM.
     ROUGH-IN AND FINAL CONNECTIONS TO ALL DEVICES REQUIRING ELECTRICAL POWER,
     INCLUDING OWNER PROVIDED EQUIPMENT.
     LIGHTING CONTROL
     LIGHTING FIXTURES
 EACH CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED BY THE
REGULATORY AUTHORITIES. ALL FEES RELATED TO OBTAINING PERMITS AND INSPECTION
SHALL BE PAID FOR BY EACH CONTRACTOR IN HIS TRADE.
 ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH LOCAL, COUNTY, STATE, AND
NATIONAL ELECTRICAL CODE 2017, SPECIFICATIONS, UTILITY COMPANY REQUIREMENTS AND
 ANY DIFFERENCES IN ABOVE MENTIONED REQUIREMENTS, THE MOST STERN SHALL
OVERRULE ALL OTHERS.
IN ADDITION TO ABOVE MENTIONED CODES AND SPECIFICATIONS, THE FOLLOWING
INDUSTRY STANDARDS SHALL BE COMPLIED IF THEY ARE MORE STRINGENT.
     IECC 2015
     ASHRAE 90.
 THE MANUFACTURER'S PUBLISHED DIRECTIONS SHALL BE FOLLOWED IN THE DELIVERY,
STORAGE, PROTECTION, INSTALLATION AND WIRING OF ALL EQUIPMENT AND MATERIAL.
 THE DRAWINGS SHOW DIAGRAMMATICALLY THE LOCATIONS OF THE VARIOUS LINES,
 CONDUITS, FIXTURES, AND EQUIPMENT AND THE METHOD OF CONNECTING AND
 CONTROLLING THEM. IT IS NOT INTENDED TO SHOW EVERY CONNECTION IN DETAIL AND ALL
FITTINGS REQUIRED FOR A COMPLETE SYSTEM. THE SYSTEMS SHALL INCLUDE BUT ARE NOT
 LIMITED TO THE ITEMS SHOWN ON THE DRAWINGS. EXACT LOCATIONS OF THESE ITEMS
SHALL BE DETERMINED BY REFERENCE TO THE GENERAL PLANS AND MEASUREMENTS AT THE
 BUILDING AND IN COOPERATION WITH THE OTHER SUBCONTRACTORS, AND IN ALL CASES,
 SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. THE OWNER RESERVES THE RIGHT
 TO MAKE ANY REASONABLE CHANGE IN THE LOCATION OF ANY PART OF THIS WORK WITHOUT
 ADDITIONAL COST TO THE OWNER.
 CONTRACTOR SHALL SEEK APPROVAL FROM THE OWNER FOR ANY CHANGES TO THE
 SPECIFICATIONS OR CONTRACT DOCUMENTS.
 ANY EXCEPTIONS, INCONSISTENCIES AND CONFLICTS IN CONTRACT DOCUMENTS,
 SPECIFICATIONS AND CONTRACT DOCUMENTS BY OTHER TRADE SHALL BE BROUGHT TO
 ATTENTION TO THE OWNER PRIOR TO BID.
 CONTRACTOR SHALL COORDINATE AND VERIFY THE WORK WITH EXISTING CONDITIONS AND
 THE WORK OF OTHER TRADE PRIOR TO ANY FABRICATIONS OR INSTALLATION. IF THE LAYOUT
OF THE DEVICES ON DRAWINGS ARE IMPRACTICAL TO THE CONDITION IN FIELD.
 CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY PRIOR TO ANY FABRICATION OR
INSTALLATION.
 ELECTRICAL DEVICES ARE INDICATED ON DRAWINGS AT APPROXIMATE LOCATIONS. THE
OWNER RESERVE THE RIGHT TO MAKE REASONABLE CHANGES IN LOCATIONS WITHOUT
 ADDITIONAL COSTS.
 THE LINES INDICATING BRANCH CIRCUITS DO NOT REPRESENT THE ROUTING OF ELECTRICAL
CONDUITS. THEY INDICATE THE LAYOUT AND CONTROL OF CIRCUITS.
 PRODUCTS AND WORK
 MATERIALS FURNISHED SHALL BE NEW AND BY STANDARD MANUFACTURERS AND MUST
 CONFORM TO THE NATIONAL BOARD OF FIRE UNDERWRITER'S REQUIREMENTS AND BEAR THE
 UNDERWRITER'S LABORATORIES' SEAL OF APPROVAL.
 LISTED MANUFACTURERS, MODELS, OR CATALOGUE NUMBERS IN PART OR ALL SHALL ENTAIL
 TO INCLUDE THE PUBLISHED MANUFACTURER'S DESCRIPTION AND SPECIFICATION.
 CONTRACTOR SHALL NOT INTERPRET THAT THE LISTED MANUFACTURERS IN SPECIFICATIONS
OR DRAWINGS TO EXCLUDE ALL OTHER MANUFACTURERS
 CONTRACTOR SHALL MAKE CERTAIN THAT ALL EQUIPMENT FIT IN THE SPACE DESIGNATED
AND DESIGNED FOR THE SURROUNDINGS IT OCCUPIES.
 COMPLETE CATALOGUE ILLUSTRATION AND DESCRIPTIONS OF ALL EQUIPMENT SHALL BE
SUBMITTED TO THE OWNER PRIOR TO ORDERING ANY EQUIPMENT.
 ALL HORIZONTAL RUNS OF CONDUITS SHALL BE SUPPORTED BY MEANS OF APPROVED
HANGER FROM THE STRUCTURAL CEILING.
 COORDINATE THE WORK UNDER THIS SECTION WITH ALL OTHER TRADES.
 MANUFACTURERS: SQUARE D, B-LINE, ALLIED TUBE & CONDUIT, HOFFMAN, CARLON
ELECTRICAL, WIREMOLD.
 OUTDOORS EXPOSED: RIGID STEEL.
  OUTDOORS CONCEALED ABOVE GROUND: RIGID STEEL.
 OUTDOORS UNDERGROUND: TYPE EPC-40-PVC
 OUTDOORS CONNECTION TO VIBRATING EQUIPMENT (INCLUDING TRANSFORMERS AND
 MOTOR DRIVEN EQUIPMENT): LFMC.
 BOXES AND ENCLOSURES ABOVE GROUND: NEMA 3R UNLESS NOTED OTHERWISE ON PLANS.
 INDOORS EXPOSED NOT SUBJECT TO PHYSICAL DAMAGE: EMT.
 INDOORS EXPOSED NOT SUBJECT TO SEVERE PHYSICAL DAMAGE: EMT.
```

INDOORS EXPOSED SUBJECT TO SEVERE PHYSICAL DAMAGE: RIGID STEEL CONDUIT.

INDOORS CONNECTION TO VIBRATING EQUIPMENT: FMC, EXCEPT USE LFMC IN DAMP OR

LABELED PER UL 83, TYPE THHN/THWN, SOLID COPPER 600 VOLT INSULATION, UNIFORM

METAL CLAD (TYPE MC) CABLE WHERE INSTALLED IN ACCORDANCE WITH NEC ARTICLE 330.

LABELED PER UL 83, TYPE THHN/THWN, STRANDED COPPER, 600VOLT INSULATION, UNIFORM

CONTRACTOR MAY USE ALUMINUM CONDUCTORS FOR #4 AWG OR LARGER IN THE PLACE OF

COPPER CONDUCTORS. CONTRACTOR SHALL REFER TO NEC TABLE 3 10-16 FOR

INDOORS CONCEALED IN CEILINGS AND INTERIOR WALLS AND PARTITIONS: EMT.

WET LOCATIONS.

PIRELLIE

AETNA REPUBLIC

SOUTHWIRE

ENCORE WIRE

INDOORS DAMP OR WET LOCATIONS: IMC.

COPPER CONDUCTORS #10 AND SMALLER:

COLOR CODED JACKET WITH JACKET DATA.

COLOR CODED JACKET WITH JACKET DATA.

ACCEPTABLE MANUFACTURERS OF CONDUCTORS:

COPPER CONDUCTORS #8 OR LARGER:

INDOORS LOW-VOLTAGE CABLES: EMT.

SPECIFICATIONS

STANDARD PRODUCTS.

APPROVED MANUFACTURERS:

NON-REMOVABLE MONOLITHIC TIE-HANDLE.

BREAKERS" AT THE APPLIED CIRCUIT VOLTAGE.

DESCRIPTIONS AND MANUFACTURER TYPES.

GENERAL ELECTRIC

CUTLER HAMMER

SQUARE D

CONDUCTORS.

AND LAMP DATA.

PANELBOARD

GENERAL ELECTRIC

20-A BALLAST LOAD, 120/240VAC.

INDOOR OCCUPANCY SENSORS:

UILTRASONIC DETECTION METHOD.

OVERRIDES THE WEEKLY OPERATION ON HOLIDAYS.

UL773A. SENSOR IS POWERED FROM POWER PACK.

CUTLER HAMMER

SQUARE D

SIEMENS

LIGHTING CONTRO

TIME SWITCHES:

OF A PROGRAM

TIME CLOCK.

POWER PACK

MOLDED CASE CIRCUIT BREAKER

ELECTRICAL GENERAL NOTES THE DESIGN OF THIS SET OF DOCUMENT IS BASED ON NEC 2017. ELECTRICAL CONTRACTOR SHALL REFER TO ALL OTHER DESIGN DRAWINGS PRIOR TO BID AND INCLUDE SCHEDULE OF ALL FUSES, RATINGS, TIME COORDINATION DATA, MANUFACTURER'S RETAIN FULL UNDERSTANDING OF THE SCOPE OF WORK. STANDARD DATA AND TIME-CURRENT CURVES. ALL DATA SHALL BE BASED ON TEST OF FIXTURE TYPE INDICATED BY UPPER CASE CHARACTERS, SWITCHING AND GROUPING DESIGNATED BY LOWER CASE LETTER AND CIRCUIT BY NUMBER (WHERE APPLICABLE). REFER TO THE ARCHITECTURAL/INTERIORS REFLECTED CEILING PLANS FOR EXACT FIXTURE PLACEMENT AND DIMENSIONS. REFER TO THE ARCHITECTURAL/INTERIORS DOCUMENTS FOR ACTUAL DEVICE LOCATIONS AND DIMENSIONS. THERMAL-MAGNETIC BOLT-IN TYPE CIRCUIT BREAKERS WITH QUICK-MAKE, QUICK-BREAK CONTACTS: TRIP-FREE OPERATION WITH OVER-THE-CENTER TOGGLE HANDLE OR COORDINATE THE INSTALLATION OF ALL CEILING MOUNTED DEVICES (FIRE ALARM SYSTEM DEVICES AND SPEAKERS, SOUND SYSTEM SPEAKER, ETC.) TO BE SYMMETRICAL ABOUT LIGHT FIXTURES AND SPRINKLER HEADS. REFER TO THE ARCHITECTURAL REFLECTED CEILING MULTI-POLE BREAKERS SHALL HAVE INTERNAL COMMON TRIP AND COMMON RESET WITH A PLAN. TYPICAL. SINGLE TOGGLE HANDLE OR NON-REMOVABLE MONOLITHIC TIE-HANDLE. ALL MOUNTING OF EQUIPMENT IS AS SHOWN UNLESS OTHERWISE NOTED. COORDINATE WITH TRIP RATINGS SHALL BE MOLDED ON THE HANDLE OR FACE OF BREAKER. ARCHITECT THE COLOR/FINISHES OF ALL ELECTRICAL DEVICES, OUTLETS, COVERPLATES AND BREAKER TERMINALS SHALL BE RATED TO ACCOMMODATE A MINIMUM OF 75 DEGREE C. EMERGENCY BATTERY PACKS AND EXIT SIGNS SHALL BE CONNECTED AHEAD OF ANY BREAKER SHALL BE RATED FOR MOUNTING AND OPERATION IN ANY POSITION; SHALL ACCOMMODATE AND MATCH THE TYPE OF TERMINATIONS REQUIRED. REFER TO MECHANICAL DRAWINGS FOR DUCT SMOKE DETECTOR LOCATIONS AND SINGLE POLE BREAKERS RATED 15 AND 20 AMPERES SHALL BE UL LABELED AS "SWITCHING QUANTITIES OPERATION SHALL INCLUDE DUAL CONTACT BASE WITH LOCAL EQUIPMENT SHUTDOWN AND FIRE ALARM SIGNAL INITIATION. WHEN CONDUCTOR OR CONDUIT SIZE IS INDICATED FOR BRANCH CIRCUIT HOME RUN, THE MULTI-POLE BREAKERS RATED 100 AMPERES AND LARGER SHALL BE MOLDED CASE THERMAL-MAGNETIC BOLT-IN TYPE BREAKER WITH ADJUSTABLE INSTANTANEOUS TRIP. CONDUCTOR AND CONDUIT SIZE INDICATED SHALL BE USED FOR THE COMPLETE CIRCUIT. REFER TO THE APPROPRIATE DRAWINGS FOR THE EXACT LOCATION AND REQUIREMENTS OF EQUIPMENT INSTALLED UNDER OTHER DIVISIONS OF THE DOCUMENTS, WHICH REQUIRE ELECTRICAL SERVICE. EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED IN ALL RACEWAYS. SCHEDULE BY TYPE DESIGNATION ALL LIGHTING FIXTURES, EACH COMPLETE WITH DATA SHEET WITH COMPLETE PHYSICAL, ELECTRICAL AND LIGHTING CHARACTERISTICS, LAMP TYPE WALL SWITCHES CONTROLLING CIRCUITS OF OPPOSITE PHASES SHALL NOT BE INSTALLED IN COMMON BOX UNLESS PERMANENT BARRIER IS PROVIDED. REFER TO THE "LIGHTING FIXTURE SCHEDULE" IN THE DRAWINGS FOR INDIVIDUAL FIXTURE ALL HOME RUNS SHALL RUN PARALLEL TO STRUCTURE AS MUCH AS POSSIBLE WHERE CEILING IS EXPOSED. PROVIDE LAMPS FOR EACH FIXTURE OF QUANTITY, TYPE AND COLOR AS LISTED IN LIGHTING ALL RACEWAY AND EQUIPMENT SUPPORTS AND HANGERS SHALL BE FULLY COORDINATED FIXTURE SCHEDULE. GE, SYLVANIA OR PHILIPS ARE ACCEPTABLE. WITH STRUCTURAL DRAWINGS TO INSURE LOCATION OF SAME OCCURS WITHIN FOUR (4) INCHES OF PANEL POINT ON BAR JOISTS. EACH LIGHTING FIXTURE SHALL BE UL LABELED FOR PROPER OPERATION IN THE TYPE OF CEILING CONSTRUCTION AND FOR THE MOUNTING ARRANGEMENT ON/IN WHICH IT IS COORDINATE LOCATION OF ALL FLOOR MOUNTED MECHANICAL AND PLUMBING EQUIPMENT IN ORDER TO VERIFY POWER & CONTROL RACEWAY CONCEALED IN SLABS TERMINATED AT PROPER LOCATION. FIELD VERIFY ACTUAL CEILING SLOPE FOR FIXTURES INSTALLED IN SAME AND ACTUAL FIELD DIMENSIONS AND ANGLES OF CONSTRUCTION FOR ANY FIXTURE CONFORMING THE SHAPE DISCONNECT SWITCHES, MOTOR STARTERS AND OTHER ELECTRICAL EQUIPMENT INSTALLED AND LENGTH OF SAME, FOR COORDINATION OF FIXTURE CONSTRUCTION. ABOVE ACCESSIBLE CEILINGS, AND REQUIRING ACCESS FOR MAINTENANCE, SHALL BE INSTALLED WITH BOTTOM OF DEVICE ONE (1) FOOT ABOVE CEILING TO PROVIDE READY ACCESSIBILITY. IMECHANICAL, PLUMBING, FIRE PROTECTION AND OTHER EQUIPMENT ARE SHOWN ON FLOOR INCLUDE SCHEDULE OF EACH PANELBOARD WITH ALL DEVICES AND COMPLETE WITH PHYSICAL AND PLAN IN APPROXIMATE LOCATION. COORDINATE WITH M, P, FP AND CONTRACT ELECTRICAL DATA AND WITH RATINGS FOR EACH COMPONENT INCLUDING BREAKER/FUSE OVERLAY DRAWINGS/SUBMITTALS FOR EXACT LOCATION OF EQUIPMENT. GENERAL DIAGRAMATIC RACEWAY INTERCONNECTIONS OF EQUIPMENT, FIXTURES AND LABELED PER UL #67 AND #50, CONFORM WITH NEMA #250 AND PB |, NFPA #70-384 AND 70-373 DEVICES ARE INDICATED ON FLOOR AND REFLECTED CEILING PLANS, REFER TO STRUCTURAL AND ARCHITECTURAL PLANS FOR ELEVATION CHANGES AND RACEWAY ROUTES. ALL JUNCTION BOXES SHALL BE LABELED WITH PANEL AND CIRCUIT DESIGNATION. RACEWAY FOR EXTERIOR LIGHTING MAY BE INDICATED OUTSIDE OF BUILDING FOOTPRINT FOR PROVIDE TYPED CIRCUIT DIRECTORY WITH EACH CIRCUIT SERVING DEVICES AND AREA IT'S SERVING. CLARITY. ROUTE ALL EXTERIOR LIGHTING RACEWAY WITHIN BUILDING STRUCTURE. POWER AND COMMUNICATIONS/DATA CONDUITS CAN CROSS AT 90°, BUT WHERE PARALLEL, SHALL BE A MINIMUM OF 8" APART. TELEVISION AND RADIO ANTENNAS CABLES SHALL HAVE SURGE PROTECTION. GROUND ALL PROVIDE TVSS FOR FIRE ALARM CONTROL PANEL. FIELD COORDINATE MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CHARACTERISTICS SOLID STATE, PROGRAMMABLE, WITH ALPHANUMERIC DISPLAY; COMPLYING WITH UL 917. WITH DIV. 15 CONTRACTOR PRIOR TO ROUGH-IN. ADJUST ELECTRICAL CONNECTIONS IF NECESSARY TO MATCH ACTUAL EQUIPMENT IN FIELD. FOR EXAMPLE, COORDINATE THE NAMEPLATE OVERCURRENT PROTECTION DEVICE RATING OF MECHANICAL EQUIPMENT TWO ON-OFF SET POINTS ON A 24-HOUR SCHEDULE AND ANNUAL HOLIDAY SCHDULE THAT AMONG MECHANICAL AND ELECTRICAL SUBCONTRACTORS. ADJUST CIRCUIT BREAKER TO MATCH NAMEPLATE RATING OF EQUIPMENT AT NO ADDITIONAL COST. ALLOW CONNECTION OF A PHOTOELECTRIC RELAY AS SUBSTITUTE FOR ON-OFF FUNCTION FIELD COORDINATE MECHANICAL AND PLUMBING EQUIPMENT REQUIREMENTS FOR ANY SUPPLEMENTAL POWER REQUIREMENTS, INCLUDING BUT NOT LIMITED TO CONTROL CIRCUITS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BRING ALL EQUIPMENT TO ITS INTENDED BATTERY BACKUP FOR NOT LESS THAN SEVEN DAYS RESERVE TO MAINTAIN SCHEDULES AND OPERATIONAL STATUS. REFER TO FIRE PROTECTION DRAWINGS FOR LOCATIONS OF FLOW AND TAMPER SWITCHES. EACH PENETRATION OF A FIRE RESISTANT RATED ASSYMBLY BY A PIPE. TUBE WIRE OR WALL OR CEILING MOUNTED SOLID-STATE INDOOR OCCUPANCY SENSORS WITH A SEPARATE CONDUIT SHALL BE PROTECTED BY A THROUGH PENETRATION FIRE STOP SYSTEM THAT HAS BEEN TESTED ACCORDING TO ASTME 814 OR E199. ADJUSTABLE TIME-DELAY OVER A RANGE OF 1 TO 30 MINUTES. ELECTRIC RECEPTACLES, SWITCHES, OUTLETS, ETC. SHALL NOT BE INSTALLED BACK TO BACK ON FIRE RESISTANCE RATED WALLS. THEY SHALL BE AT LEAST 24-INCHES APART. SENSOR OUTPUT: CONTACTS RATED TO OPERATE THE CONNECTED RELAY, COMPLYING WITH LIGHT SWITCHES AND ELECTRICAL OUTLETS, LOCATED IN ROOMS ACCESSIBLE TO THE DISABLED SHALL BE LOCATED NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES POWER PACK: DRY CONTACTS RATED FOR 20-A BALLAST LOAD AT 120 OR 277 VAC. ABOVE THE FINISHED FLOOR SURFACE. IF THE REACH OR THE CONTROL IS OVER AN AUTOMATIC LIGHT-LEVEL SENSOR: ADJUSTABLE FROM 2 TO 200 FC (21.5 TO 2152 LUX); OBSTRUCTION, THE MINIMUM HEIGHT SHALL BE REACHED TO 44 INCHES FOR A FORWARD TURN LIGHTS OFF WHEN SELECTED LIGHTING LEVEL IS PRESENT. APPROACH OR 46 INCHES FOR A SIDE APPROACH. DUAL SENSOR TYPE: DETECT OCCUPANCY AREA USING PIR (PASSIVE INFRA-RED) AND REFER TO LOW VOLTAGE CONSULTANT'S DRAWINGS FOR VOICE, DATA AND CATV OUTLET LOCATIONS. REFER TO LY CONSULTANTS DRAWINGS FOR ANY ADDITIONAL INFORMATION. CONNECT ALL EXIT SIGNS TO NEAREST UNSWITCHED PORTION OF THE LIGHTING CIRCUIT IN ELECTRICAL BOXES INSTALLED IN FIRE RATED WALLS SHALL MAINTAIN THE INTEGRITY OF THE RATED WALL. SUPPORT ALL VERTICAL RACEWAY PER NEC TABLE 300.19(A). MAKE ELECTRICAL CONNECTIONS TO ELECTRIC WATER COOLERS FROM GFCI PROTECTED

OUTLET IN WALL BEHIND COOLER HOUSING. THE OUTLET AND CORD SHALL NOT BE VISIBLE

COORDINATE WITH CUTSHEETS OF ALL EQUIPMENT TO BE INSTALLED AND PROVIDE

FINAL COLOR, FINISH AND OTHER AESTHETIC PORTIONS OF ALL DEVICES SHALL BE COORDINATED WITH ARCHITECT OR OWNER'S REPRESENTATIVE. THIS SET OF DRAWINGS

PROVIDE PLENUM RATED CABLES IF THE CABLES ARE EXPOSED AND ROUTED THROUGH

FOR ALL FUSES 1200A OR HIGHER, PROVIDE ARC ENERGY REDUCTION PER NEC 240.67.

WHERE HIGHEST TRIP SETTING IN INSTALLED OVERCURRENT DEVICE IS 1200A OR HIGHER,

MAINTENANCE SWITCH, INSTANTANEOUS TRIP SETTING, OR OTHER APPROVED METHOD AS

CONTRACTOR TO PROVIDE DOCUMENTATION OF CIRCUIT BREAKER(S) LOCATION AND

PROVIDE AT LEAST ONE METHOD TO REDUCE CLEARING TIME VIA ENERGY-REDUCING

ALL EXPOSED HORIZONTAL RUNS OF CONDUITS SHALL BE EITHER PARALLEL OR

ADDITIONAL CIRCUITS FOR CONTROLS IF REQUIRED BY MANUFACTURER.

DOES NOT SUPERCEDE ARCHITECTURAL OR INTERIOR DOCUMENTS.

FROM PUBLIC VIEW.

PERPENDICULAR TO EXTERIOR WALLS.

LISTED PER NEC 240.87(B).

LEGEND MOUNTING SYMBOLS DUPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R 42" AFF OR 6" ABOVE DUPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R COUNTER TOP QUADRAPLEX RECEPTACLE, 120V, 20A, NEMA 18" AFF QUADRAPLEX RECEPTACLE, 120V, 20A, NEMA 42" AFF OR 6" ABOVE FLUSH WITH FINISHED DUPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R. FLOOR DUPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R IN CEILING SPECIAL RECEPTACLE, CONFIGURATION AND 8" AFF ELECTRICAL CHARACTERISTIC AS NOTED ON DWG JUNCTION BOX FLUSH IN WALL WITH COVER. SIZE JUNCTION BOX FLUSH IN CEILING WITH COVER. JUNCTION BOX FLUSH IN FINSHED FLOOR WITH FLUSH WITH FINISHED COVER. SIZE PER NEC FLOOR 42" AFF 42" AFF **3** / \$3 SWITCH - 3 WAY 5WITCH - WALL MTD, INTEGRAL OCCUPANCY 42" AFF ¢ / \$05 SWITCH - WALL MTD, LOW VOLTAGE, PILOT LIGHT 42" AFF 42" AFF SWITCH - WALL MTD, DIMMING **D** / \$D SWITCH - CEILING MOUNTED OCCUPANCY SENSOR IN CEILING 18" AFF TV OUTLET TELEPHONE OUTLET TELEPHONE OUTLET. SUBSCRIPT: F - FIREMAN'S 42" AFF OR 6" ABOVE PHONE, H - HOUSE PHONE, P - PAY PHONE COUNTER TOP TELEPHONE / DATA COMBINATION OUTLET FLUSH WITH FINISHED TELEPHONE / DATA COMBINATION OUTLET FLOOR 42" AFF OR 6" ABOVE TELEPHONE / DATA COMBINATION OUTLET COUNTER TOP DATA OUTLET 18" AFF ∇ 42" AFF OR 6" ABOVE DATA OUTLET COUNTER TOP DISCONNECT SWITCH. SUBSCRIPT: AMP / # OF AS INDICATED ON POLES / ENCLOSURE FUSED DISCONNECT SWITCH. SUBSCRIPT: AMP / # AS INDICATED ON OF POLES / ENCLOSURE / FUSE SURFACE MOUNTED ELECTRICAL PANELBOARD. REFER TO PANELBOARD SCHEDULE SURFACE MOUNTED EQUIPMENT AS NOTED ON DRAWING ON WALL HOME RUN WITH WIRE TICKS, XX - PANEL DESIGNATION, # - CIRCUIT DESIGNATION. WIRE TICKS - (1) NEUTRAL , (3) HOT III & (1) GROUND . SMOKE DETECTOR. CEILING / WALL MOUNTED HEAT DETECTOR, CEILING/WALL MOUNTED FIRE ALARM NOTIFICATION DEVICE. AUDIO AND 80" AFF FIRE ALARM NOTIFICATION DEVICE. AUDIO. 80" AFF FIRE ALARM NOTIFICATION DEVICE. VISUAL. 80" AFF FIRE ALARM INITIATION DEVICE. PULL STATION. 42" AFF

ABBREV	TATIONS		
AC	6" ABOVE COUNTER SPACE OR 42" AFF	IG	ISOLATED GROUND
AF	AMP FUSE	ISC	SHORT CIRCUIT CURRENT
AFF	ABOVE FINISHED FLOOR	LTG	LIGHTING
AL	ALUMINUM	MTD	MOUNTED
BTC	BELOW FINISHED CEILING	N	NEUTRAL
BKR	BREAKER	NL	NIGHT LIGHT
CND	CONDUIT	NEC	NATIONAL ELECTRICAL CODE
CONN	CONNECTED OR CONNECTION	PNL	PANEL
СТВ	CABLE TV TERMINAL BACKBOARD	RECPT	RECEPTACLE
CU	COPPER	TEL	TELEPHONE
DN.	DOWN	TTB	TELEPHONE TERMINAL BOARD
EC	EMPTY CONDUIT	TV	TELEVISION
ELEC	ELECTRICAL	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
FACP	FIRE ALARM CONTROL PANEL	TYP	TYPICAL
FAA	FIRE ALARM ANNUNCIATOR PANEL	XFMR	TRANSFORMER
G OR GRND	GROUND	UG	UNDERGROUND
GFCI OR GF	GROUND FAULT CIRCUIT INTERRUPTER	WP	WEATHERPROOF



129 Union County Recreation Road, Blairsville, Georgia



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SHEET TITLE

GENERAL NOTES
REFER TO ARCHITECTURAL REFLECTION MOUNTED DEVICES.

REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES.

ALL RECEPTACLES SHALL BE GROUNDED AS REQUIRED BY ARTICLE 250-146.

COMCHECK COMPLIANCE REPORT NOT NEEDED AS MORE THAN HALF OF LIGHTING FIXTURES ARE EXISTING TO REMAIN.

ALL EXISTING ELECTRICAL DEVICES TO REMAIN UNLESS SPECIFIED ON DRAWING.

PROVIDE UNSWITCHED HOT LEG OF CIRCUIT TO EMERGENCY LIGHTING AND EXIT SIGNS.

KEYNOTES

EXISTING 400A 30 SPACES ELECTRICAL PANEL IN FIRST FLOOR MAIN ELECTRICAL ROOM TO BE REPLACED WITH NEW 600A 42 SPACES ELECTRICAL PANEL. RE-FEED PANEL FROM MDP THAT CURRENTLY USES 1504A OF AVAILABLE 1800A. USE (2)3"C, 3#350kcmil, #350kcmil N, #1G FOR WIRE SIZE AND 600A/3P BREAKER.

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

Panel KP			MOUNTING SURFACE	VOLTS BUS A NEUTF	MPS	08Y/120V 600 100%	3P 4W	AIC 22,000 MAIN BKR MLO LUGS STANDARD
KT CKT BKR		LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
20/	2	0.8	EXISTING RECEPTACLE EXISTING HEATED AIR CURTAIN	a b c	2 4 6	20/1 15/2	0.4	EXISTING RECEPTACLE EXISTING COOLER EVAPORATOR COIL
7 15/2 9	2 .	2.2	EXISTING ICE MAKER	a b	8	15/2	0.6	EXISTING FREEZER EVAPORATOR COIL
20/ 3 20/ 5 20/	1	2.0 2.0 2.0	EXISTING RECEPTACLE EXISTING RECEPTACLE EXISTING RECEPTACLE	c a b	14	20/1 15/2	0.4	EXISTING LIGHTING SPACE
7 20/ 9 20/ 1 20/		1.2 1.2 1.2	EXISTING RECEPTACLE EXISTING RECEPTACLE EXISTING RECEPTACLE	Ь	18 20 22	20/1 20/1 20/1	0.9 0.5 0.2	RECEPTACLE LIGHTING LIGHTING
3 20/ 5 225 7		0.0 63.5	SPACE EXISTING PANEL KP2	a b	26 28	20/1	0.0 35.5	SPACE EXISTING PANEL KP2A
9 80/2 3	2	15.9	FCU-I	а	30 32 34	80/2	15.9	FCU-2
5 50/2 7	2	6.7	HP-1	c		50/2	6.7	HP-2
9 20/		0.0	SPACE SPACE	ЬС	40 42	20/1 20/1	0.0	SPACE SPACE
			CONN CALC KVA KVA					DNN CALC VA KVA
LIGHTIN			.1 1.3 (125%) 63.5 15.9 (25%)			ORS EPTACLES HEN	144	7 10.9 (50%>10)
						UIPMENT	5.0	4.0 (80%)
						AL LOAD ANCED 3-PI AD	HASE	176.1 488.8 A

PHASE A PHASE B

PHASE C

114%

102%

83.5%

GENER	RAL SCH	HEDULE				
CALLOUT	SYMBOL	VOLTS	KVA	CIRCUIT	WIRE CALLOUT	DISCONNECT DESCRIPTION
FCU-I	∞ □	208/120V 2P 3W	15.87	KP-31,33	1-1/4"C,2#2,#2N,#8G	100A/2P/NEMA 1
FCU-2	800	208/120V 2P 3W	15.87	KP-32,34	1-1/4"C,2#2,#2N,#8G	I OOA/2P/NEMA I
HP-1 2	8 □	208/120V 2P 3W	6.66	KP-35,37	3/4"C,2#6,#6N,#10G	60A/2P/NEMA 3R
HP-2 2	∞ □	208/120V 2P 3W	6.66	KP-36,38	3/4"C,2#6,#6N,#10G	GOA/2P/NEMA 3R

DESCRIPTION

THERMOPLASTIC EXIT SIGN WITH BACKUP

2x2 LED RECESSED TROFFER

RECESSED 4' LED STRIP

EMERGENCY LIGHTING UNIT

PENDANT

MODEL

TO BE SELECTED

LITHONIA BLWP4

COMBINATION EXIT/EMERGENCY LIGHTING UNIT LITHONIA LHQM-LED-R-HO | 120V 1P 2W

LITHONIA ELM2-LED

LQM-S-W-3-R-120/277-EL-N

LITHONIA 2GTL-2-33L--EZ | 120V 1P 2W

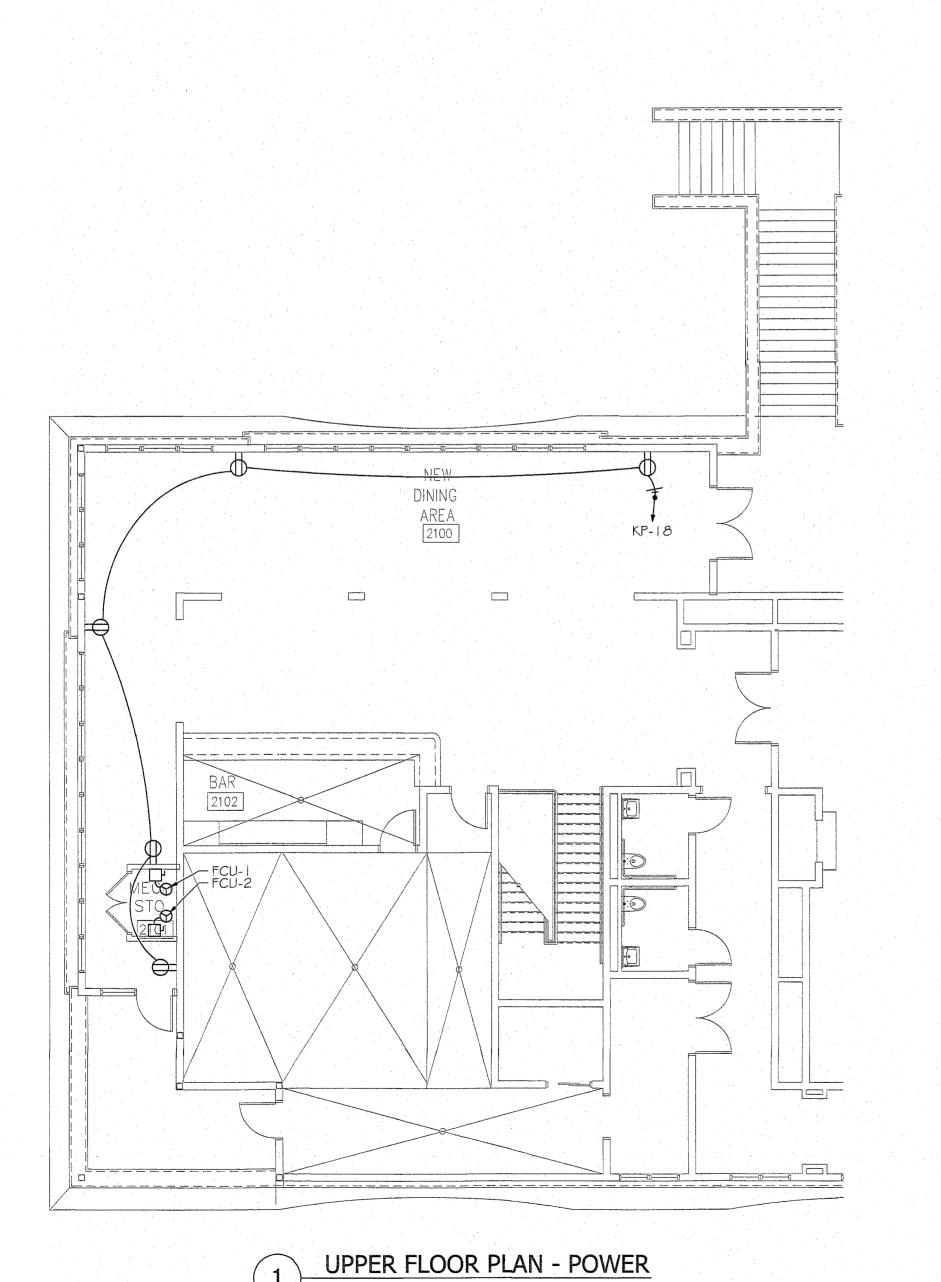
VOLTS

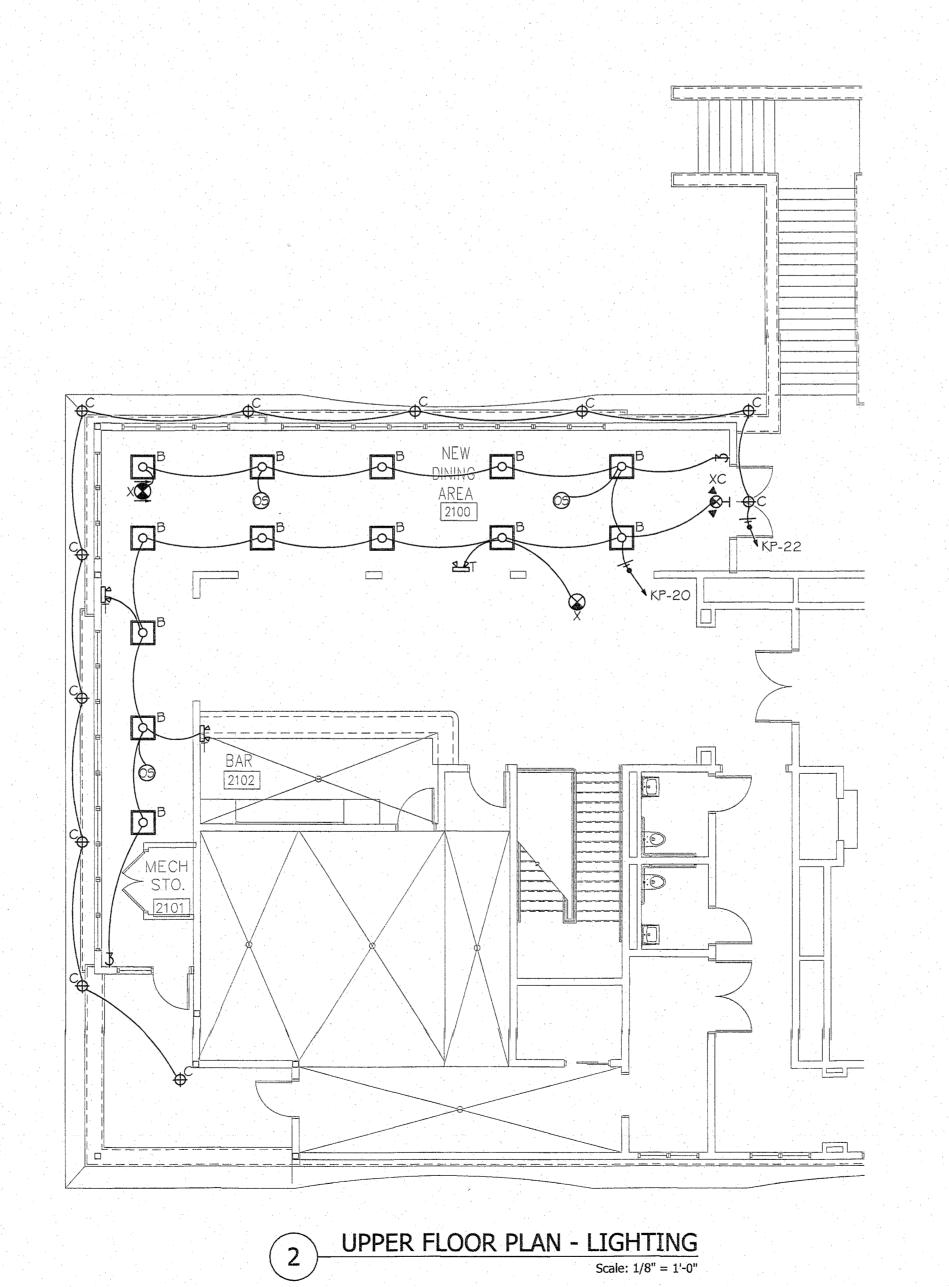
120V IP 2W

120V 1P 2W

120V 1P 2W

120V IP 2W





LUMINAIRE SCHEDULE

SYMBOL

(1) 35W LED

(I) I GW LED

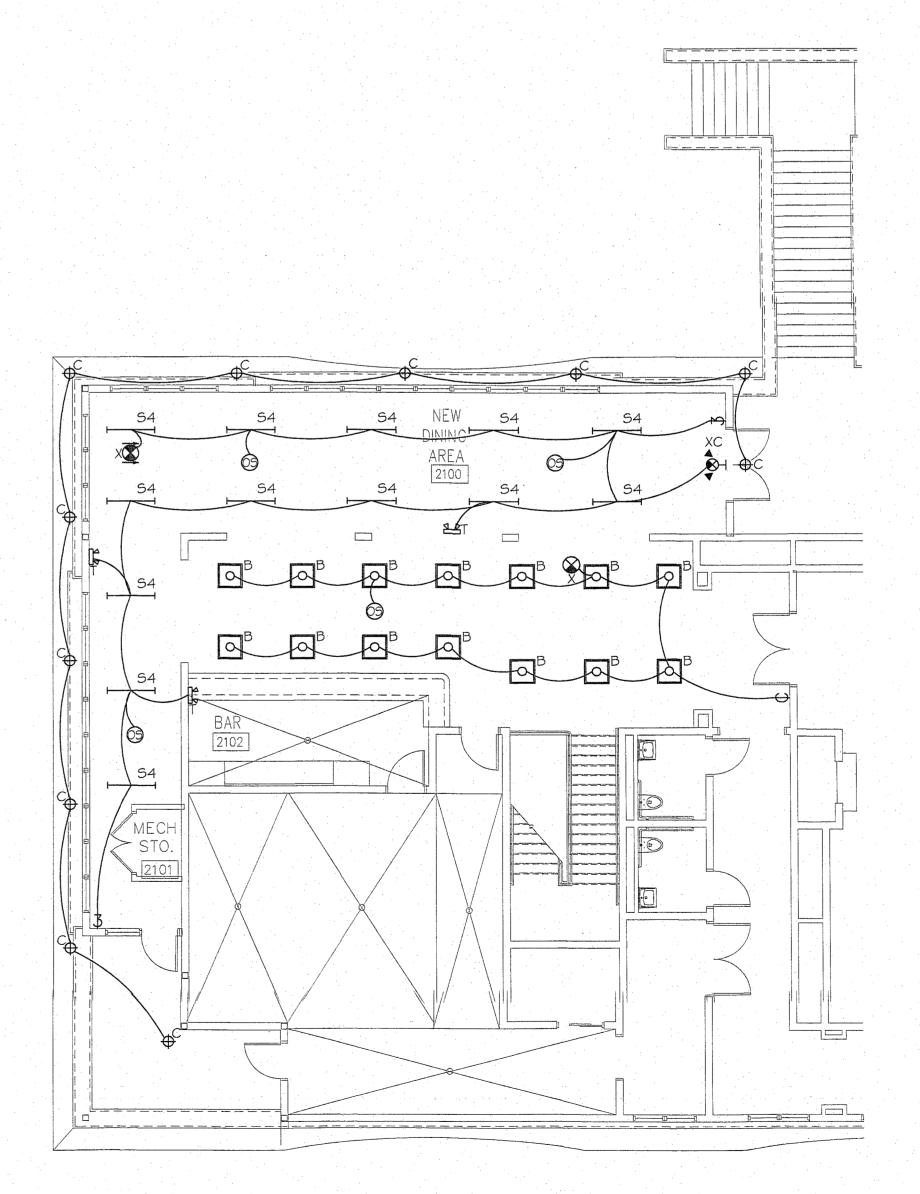
(I) 25W LED

(2) 1.5W LED

(1) 5W LED

(2) 1.5W LED

CALLOUT



UPPER FLOOR PLAN - LIGHTING ALTERNATE

Scale: 1/8" = 1'-0"



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REVISIONS

10/30/2020

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