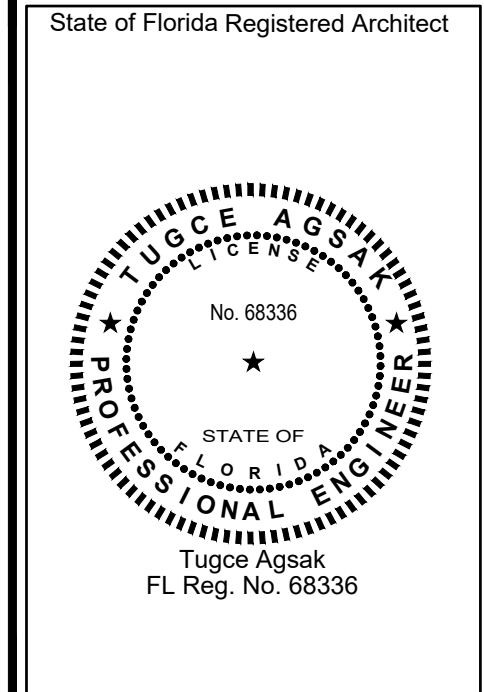


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project title
Burlington
 LADIES • MEN'S • KIDS • BABY HOME • COATS
 IN
 CORALWOOD SHOPPING CENTER
 UNITS 400 AND 410
 OCCUPANCY:
 Mercantile "M"
 400 DEL PRADO BLVD S. CAPE CORAL, FL 33909

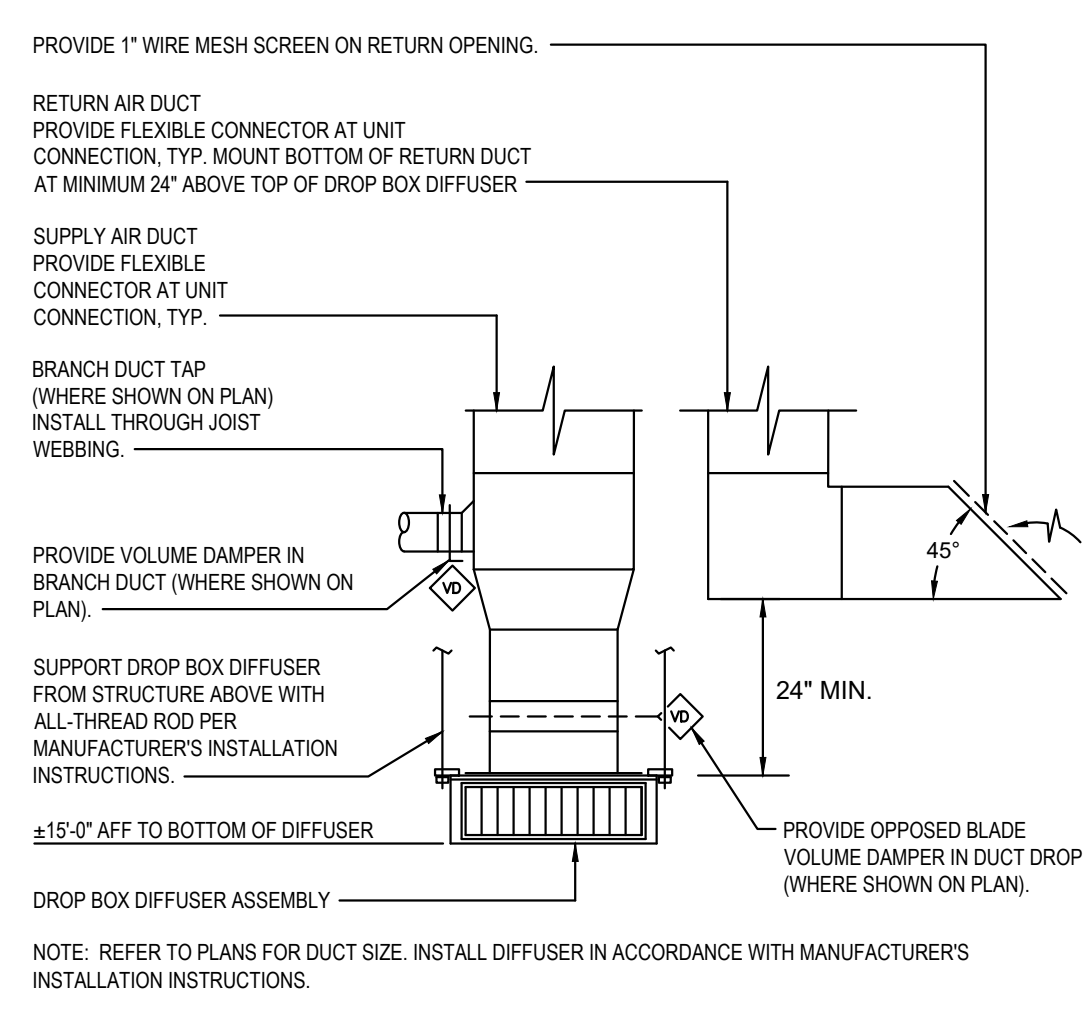
sheet title
MECHANICAL ENLARGED PLAN AND DETAILS
 DO NOT SCALE DRAWINGS
 USE FIGURED DIMENSIONS ONLY

project number
 2022-027.01
 2022-027.02

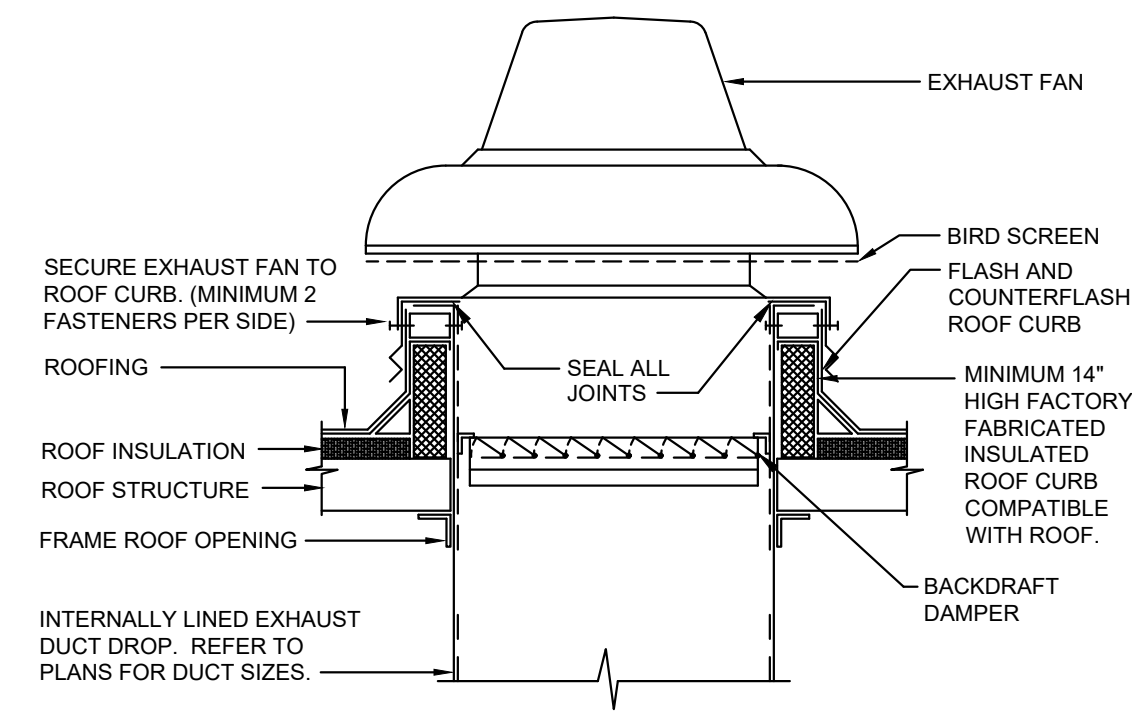
drawn ME
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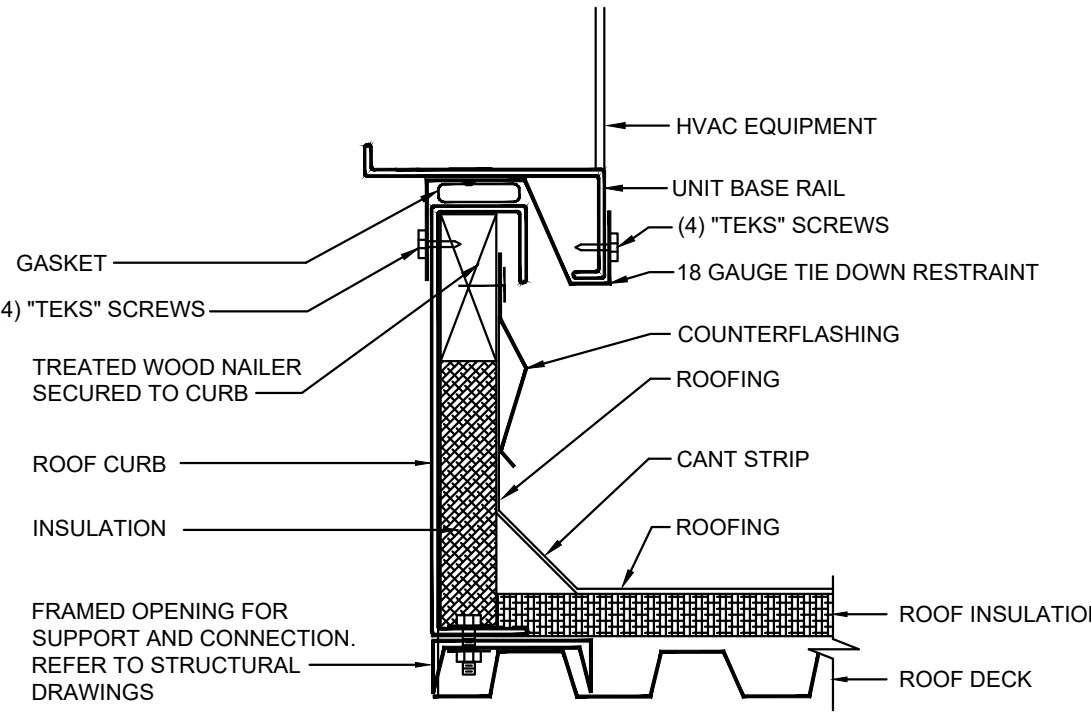
sheet
M1.1



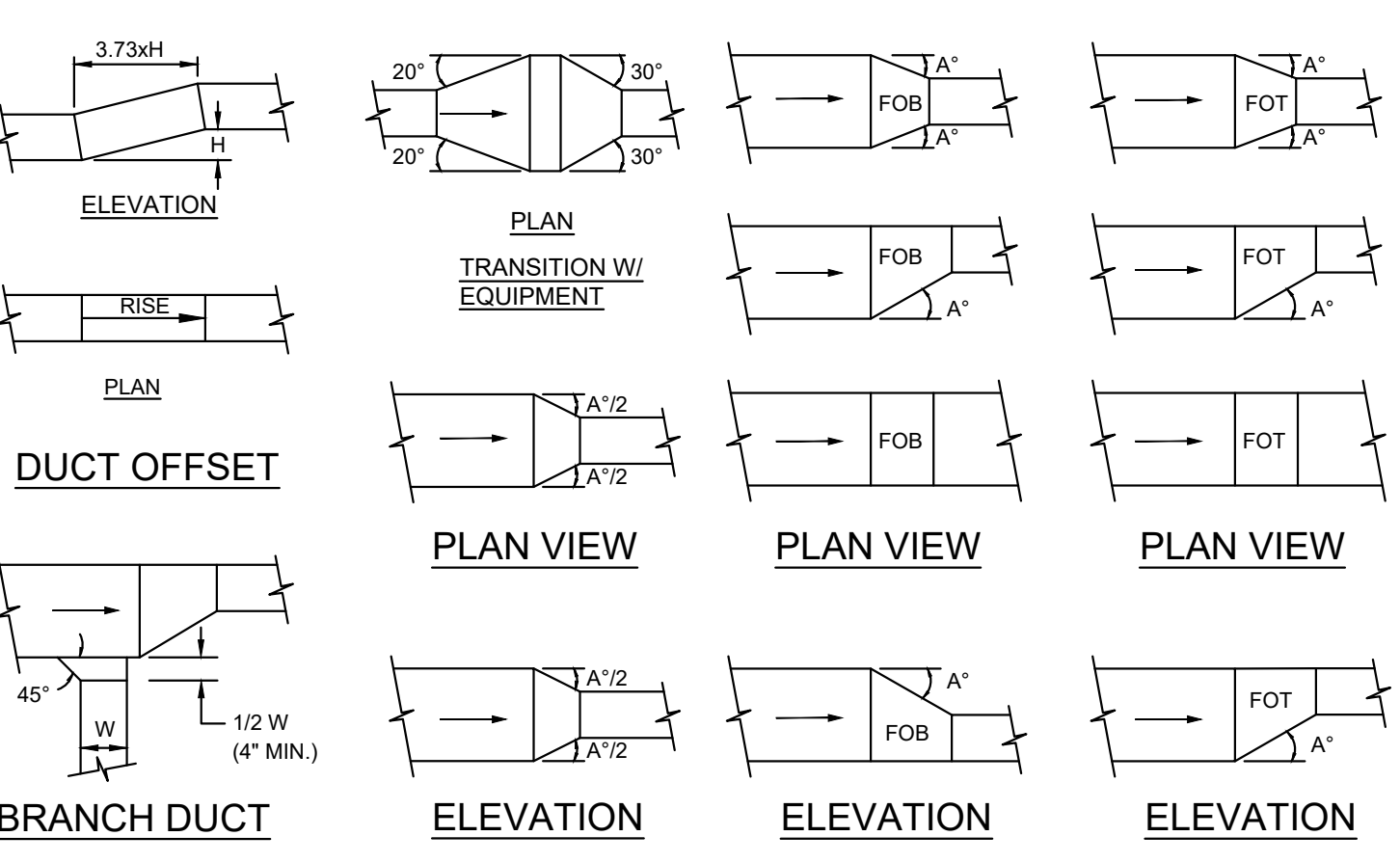
7 SUPPLY AND RETURN DUCT DETAIL
 M1.1 SCALE: NOT TO SCALE



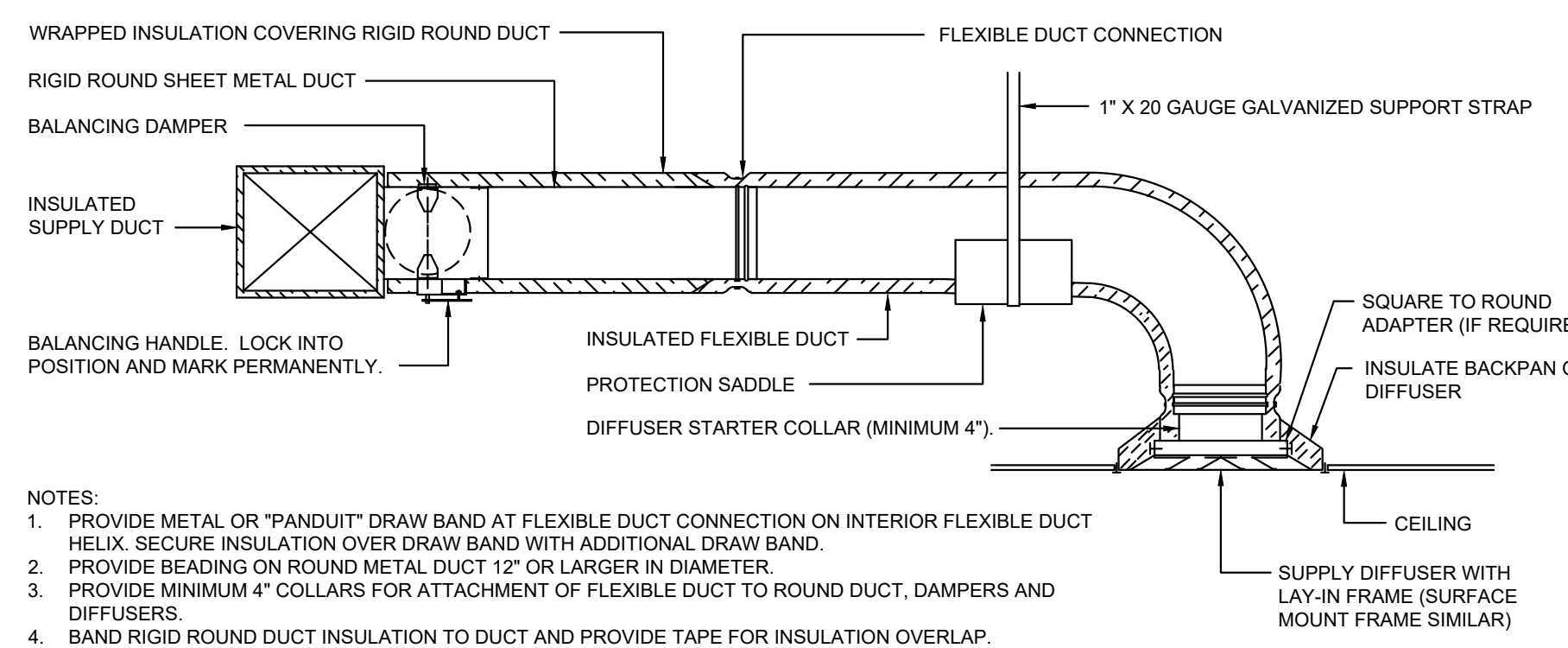
6 EXHAUST FAN DETAIL
 M1.1 SCALE: NOT TO SCALE



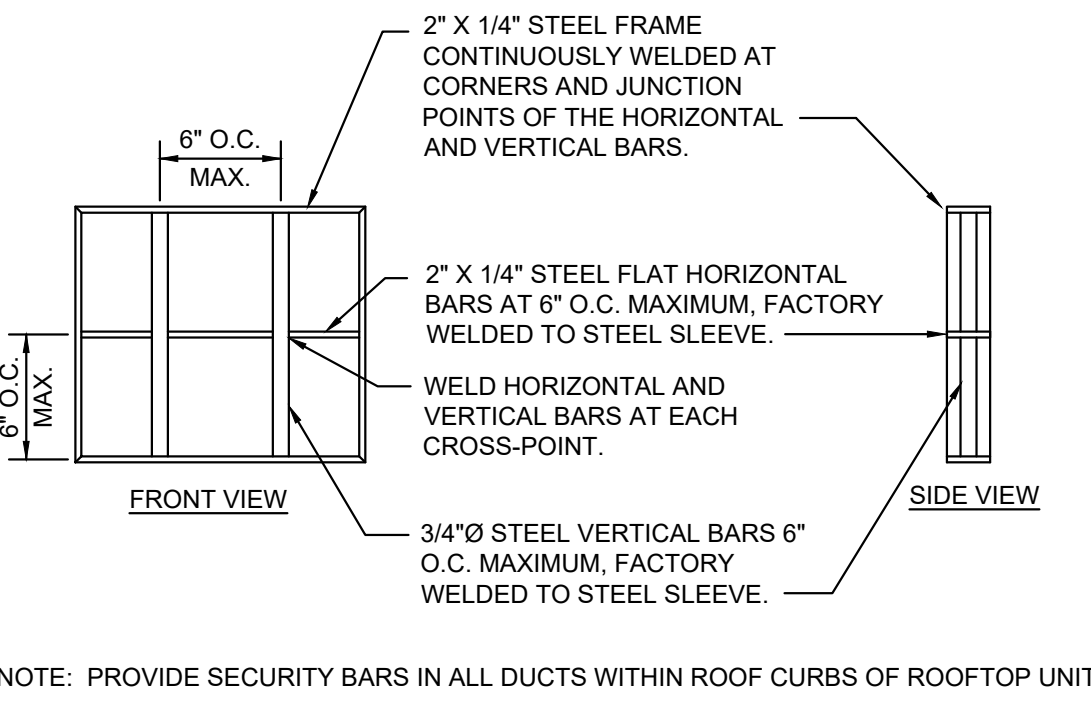
5 ROOFTOP UNIT CURB DETAIL
 M1.1 SCALE: NOT TO SCALE



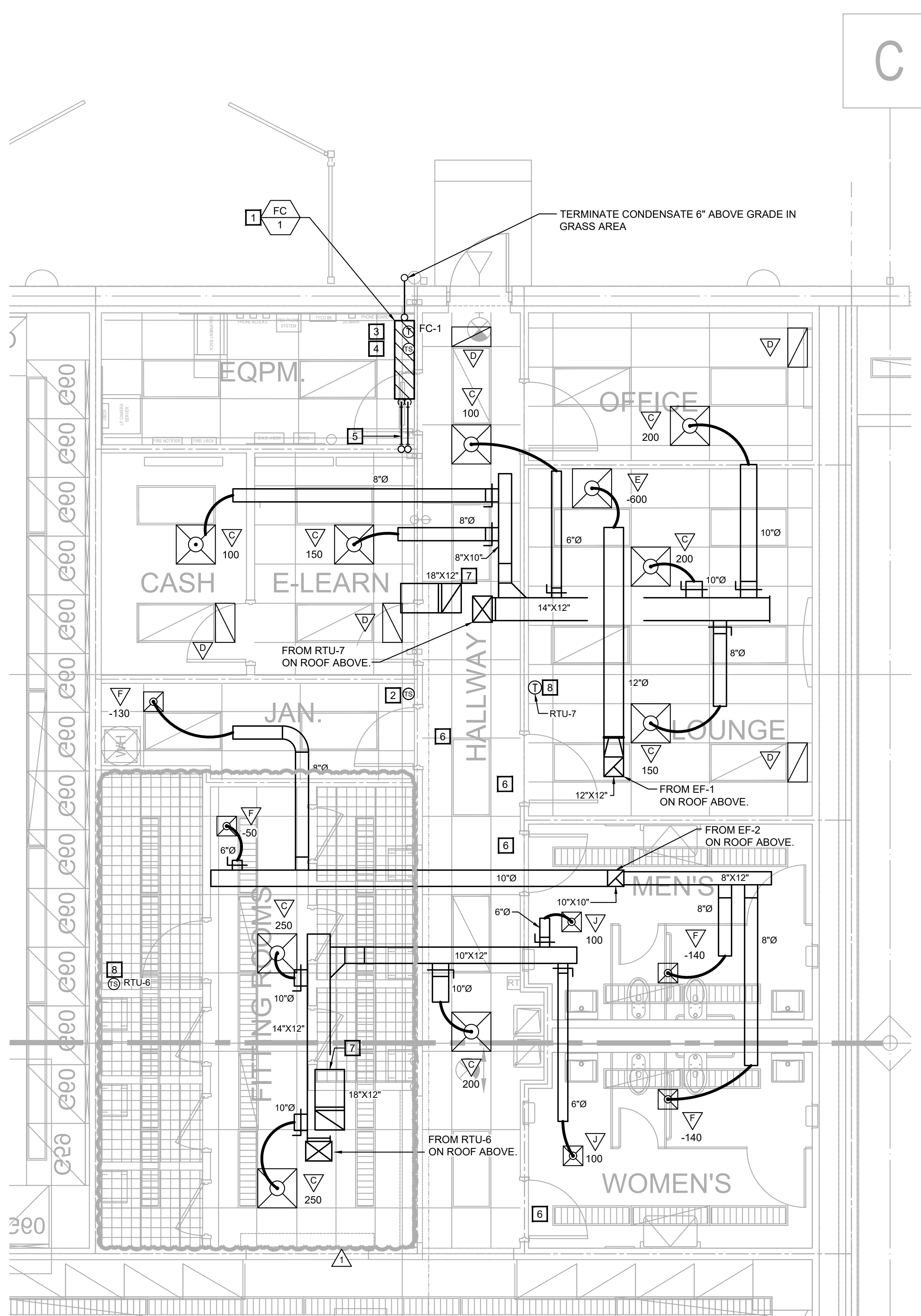
4 LOW VELOCITY DUCT FITTINGS DETAIL
 M1.1 SCALE: NOT TO SCALE



3 DIFFUSER CONNECTION DETAIL - FLEX DUCT
 M1.1 SCALE: NOT TO SCALE



2 SECURITY BAR DETAIL
 M1.1 SCALE: NOT TO SCALE

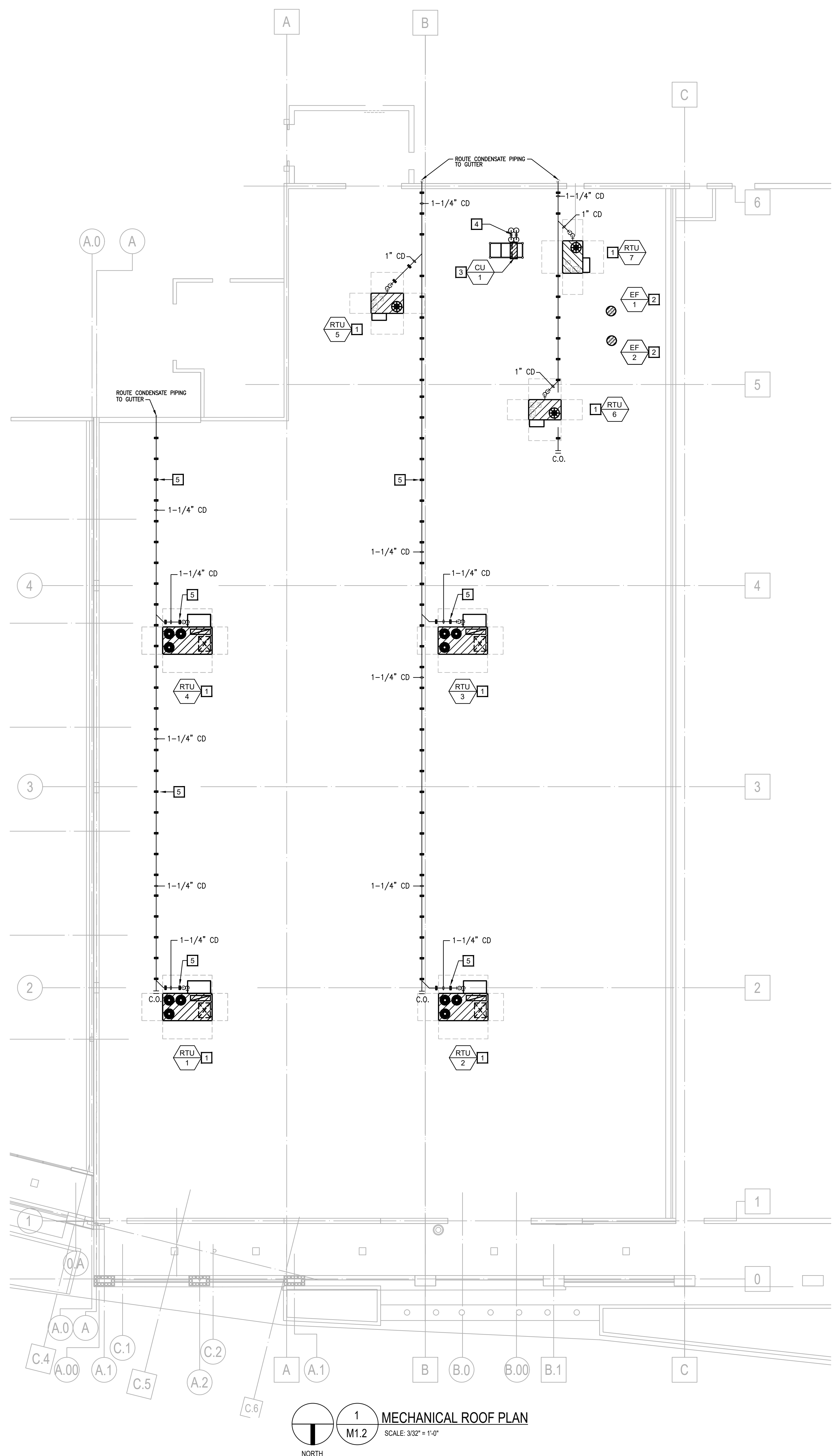


- MECHANICAL PLAN NOTES**
- 1 PROVIDE WALL MOUNTED DUCTLESS SPLIT SYSTEM AIR CONDITIONING UNIT. INSTALL UNIT LEVEL FOR PROPER CONDENSATE DRAINAGE. INSTALL BOTTOM OF UNIT 6" ABOVE TOP OF DOOR.
 - 2 BUILDING AUTOMATION SYSTEM CONTRACTOR SHALL PROVIDE MONITORING TEMPERATURE SENSOR AT 5'-0" ABOVE FINISHED FLOOR. TEMPERATURE SENSOR SHALL INITIATE AN ALARM AT THE BUILDING AUTOMATION SYSTEM WHEN TEMPERATURE FALLS BELOW 45°F.
 - 3 PROVIDE ACCESSORY WALL MOUNTED CONTROLLER AT 5'-0" ABOVE FINISHED FLOOR. SET TO MAINTAIN 72°F. LOCATE SENSOR ON WALL OPPOSITE OF UNIT.
 - 4 BUILDING AUTOMATION SYSTEM CONTRACTOR SHALL REMOVE THERMOSTAT AND INTERFACE FC-1 WITH BAS THROUGH THE ADAPTER PAC-US44CN-1. BAS INPUTS / OUTPUTS REQUIRED ARE HIGH FAN, COOL 1, COOL 2, AND SPACE TEMPERATURE. PROGRAM UNIT ACCORDINGLY.
 - 5 PROPOSED REFRIGERANT PIPING ROUTE. DEVIATIONS FROM THIS PROPOSED ROUTE SHALL REQUIRE APPROVAL BY OWNER AND MANUFACTURER OR THE MANUFACTURER'S REPRESENTATIVE. PRIOR TO ANY WORK, REFRIGERANT PIPE(S) SIZES SHALL BE DETERMINED BY COMPRESSORIZED EQUIPMENT MANUFACTURER OR THEIR REPRESENTATIVE, WHO SHALL ALSO DETERMINE THE NEED FOR DOUBLE SUCTION PIPE RISERS, ACCUMULATORS AND OTHER APPURTENANCES REQUIRED FOR PROPER LONG TERM OPERATION OF EQUIPMENT. REFRIGERANT PIPE(S) SIZING AND ROUTING SHALL MEET ALL SYSTEM OPERATING CONDITIONS. CONTRACTOR SHALL PROVIDE OWNER AND ENGINEER LETTERS AND DRAWINGS THAT ADEQUATELY DEPICT THE REFRIGERANT PIPING AND COMPONENTS, AND INDICATE RECOMMENDATIONS PROVIDED TO THEM BY THE MANUFACTURER OR THEIR REPRESENTATIVE. INSTALL FROM ROOF PENETRATION TO SPACE TIGHT TO ROOF DECK. PROVIDE PIPE CURB PENETRATIONS AND SUPPORTS. INSULATE VAPOR AND LIQUID LINE WITH 1" THICK FLEXIBLE UNICELLULAR INSULATION (ARMAFLEX AP). PAINT INSULATION LOCATED OUTDOORS WITH ARMAFLEX WB FINISH. TRAP AND SLOPE LINES PER MANUFACTURER'S RECOMMENDATIONS.
 - 6 UNDERCUT DOOR 1" FOR TRANSFER AIR.
 - 7 TERMINATE DUCT OPEN. REFERENCE DETAIL #7 ON SHEET M1.1.
 - 8 PROVIDE TEMPERATURE SENSOR ON COLUMN OR WALL AT 7'-0" ABOVE FINISHED FLOOR AND WIRE TO EQUIPMENT INDICATED ON PLAN.

1 MECHANICAL ENLARGED OFFICE AND FITTING ROOM PLAN
 M1.1 SCALE: 1/4" = 1'-0"

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- MECHANICAL PLAN NOTES**
- 1 PROVIDE ROOFTOP UNIT AND CURB. COORDINATE UNIT WITH STRUCTURE. SHIM UNIT AND CURB LEVEL FOR PROPER CONDENSATE DRAINAGE. PROVIDE FLEXIBLE CONNECTORS ON SUPPLY AND RETURN AIR DUCT CONNECTIONS. TRANSITION TO DUCT SIZES SHOWN ON SHEETS M1.0 AND M1.1.
 - 2 PROVIDE ROOF MOUNTED EXHAUST FAN AND CURB.
 - 3 PROVIDE CONDENSING UNIT AND EQUIPMENT SUPPORT RAILS FOR MOUNTING ON ROOF. SUPPORTS RAILS SHALL SPAN A MINIMUM OF TWO BAR JOISTS. COORDINATE TYPE OF SUPPORT RAIL REQUIRED WITH ROOFING CONTRACTOR.
 - 4 PROPOSED REFRIGERANT PIPING ROUTE. DEVIATIONS FROM THIS PROPOSED ROUTE SHALL REQUIRE APPROVAL BY OWNER AND MANUFACTURER OR THE MANUFACTURER'S REPRESENTATIVE. PRIOR TO ANY WORK, REFRIGERANT PIPE(S) SIZES SHALL BE DETERMINED BY COMPRESSORIZED EQUIPMENT MANUFACTURER OR THEIR REPRESENTATIVE, WHO SHALL ALSO DETERMINE THE NEED FOR DOUBLE SUCTION PIPE RISERS, ACCUMULATORS AND OTHER APPURTENANCES REQUIRED FOR PROPER LONG TERM OPERATION OF EQUIPMENT. REFRIGERANT PIPE(S) SIZING AND ROUTING SHALL MEET ALL SYSTEM OPERATING CONDITIONS. CONTRACTOR SHALL PROVIDE OWNER AND ENGINEER LETTERS AND DRAWINGS THAT ACCURATELY DEPICT THE REFRIGERANT PIPING AND COMPONENTS, AND INDICATE RECOMMENDATIONS PROVIDED TO THEM BY THE MANUFACTURER OR THEIR REPRESENTATIVE. INSTALL FROM ROOF PENETRATION TO SPACE TIGHT TO ROOF DECK. PROVIDE PIPE CURB PENETRATIONS AND SUPPORTS. INSULATE VAPOR AND LIQUID LINE WITH 1" THICK FLEXIBLE CELLULAR INSULATION (ARMAFLEX) PAINT INSULATION LOCATED OUTDOORS WITH ARMAFLEX WB FINISH. TRAP AND SLOPE LINES PER MANUFACTURER'S RECOMMENDATIONS.
 - 5 PROVIDE ROOF PIPE SUPPORT IN EVERY 4'-0" OF PIPING. (TYPICAL)



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 FL REG. NO. 68336

project title
Burlington
 LADIES • MEN'S • KIDS • BABY HOME • COATS
 IN
 CORALWOOD SHOPPING CENTER
 UNITS 400 AND 410
 OCCUPANCY:
 Mercantile "M"
 400 DEL PRADO BLVD S. CAPE CORAL, FL 33909

sheet title
MECHANICAL ROOF PLAN
 DO NOT SCALE DRAWINGS
 USE FIGURED DIMENSIONS ONLY

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 ISSUE 10-20-2022

sheet
M1.2

MECHANICAL ROOF PLAN
 SCALE: 3/32" = 1'-0"
 NORTH

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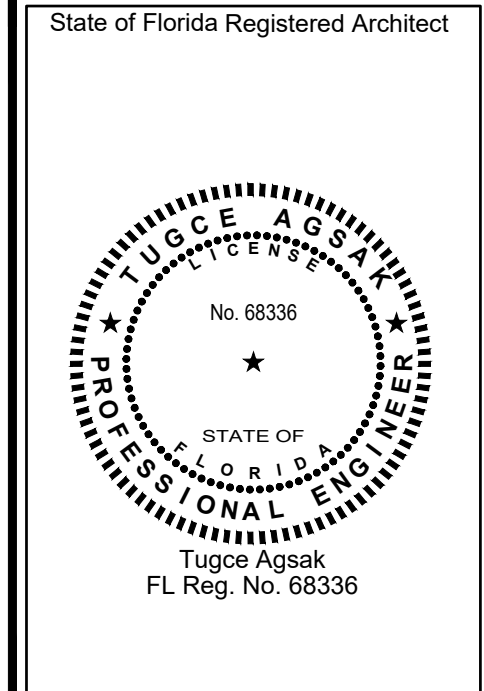


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MICHIGAN
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Farmington Hills, Michigan 48334
1248 324 8800 1248 324 0661
FLORIDA
1807 Edgewater Drive
Orlando, Florida 32804
1407 930 2526

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No. 68336
Tugge Agsak
FL Reg. No. 68336

project title

Burlington
LADIES • MEN'S • KIDS • BABY • HOME • COATS

IN
CORALWOOD
SHOPPING CENTER
UNITS 400 AND 410

OCCUPANCY:
Mercantile "M"

400 DEL PRADO BLVD S. CAPE CORAL, FL 33990

sheet title

MECHANICAL SCHEDULES

DO NOT SCALE DRAWINGS
USE FIGURED DIMENSIONS ONLY

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M2.0

EXHAUST AND VENTILATION FAN SCHEDULE												
EF #	MANUFACTURER & MODEL NUMBER	AREA SERVED	TYPE	DRIVE TYPE	AIR FLOW (CFM)	EXTERNAL STATIC (IN W.C.)	FAN SPEED (RPM)	FAN POWER & VOLTAGE	APPROX WEIGHT (LBS)	MAXIMUM SOUND LEVEL	ACCESSORIES	NOTES
1	GREENHECK G-095-VG	BREAKROOM	CENTRIFUGAL DOWNBLAST	DIRECT	600	0.35	1,373	1/6 HP 120V-1PH	100	7.2	1-4	1
2	GREENHECK G-990-D	TOILET ROOMS, JANITOR AND FITTING ROOMS	CENTRIFUGAL DOWNBLAST	DIRECT	480	0.5	1,535	1/15 HP 120V-1PH	100	7.2	1-4	1

ACCESSORIES (PROVIDED THROUGH MANUFACTURER)

- FACTORY MOUNTED AND WIRED DISCONNECT SWITCH.
- BACKDRAFT DAMPER
- INTEGRAL FAN SPEED CONTROL FOR BALANCING.
- 14" HIGH INSULATED ROOF CURB, HIGH WIND RATED FL# 13225.1 AND MIAMI-DADE NOA #19-0717.02

NOTES

- ELECTRICAL CONTRACTOR SHALL WIRE FAN CIRCUIT TO AN EMPLOYEE CONTRACTOR IN THE LIGHTING CONTROL PANEL.
- BAS VENDOR SHALL DISPLAY ON-OFF STATUS OF EXHAUST FAN ON THE BAS.
- APPROVED ALTERNATE MANUFACTURERS: COOK, JENNAIR, PENNBARRY.

GRILLE, REGISTER AND DIFFUSER SCHEDULE											
MARK #	MANUFACTURER	MODEL	TYPE	NECK SIZE (L"XW")	FACE SIZE (L"XW")	FRAME TYPE	DAMPER	FINISH	NOISE CRITERIA LEVEL	MATERIAL	NOTES
B	RUSKIN ROOFTOP SYSTEMS	01-570-4028	DOUBLE DEFLECTION DROP BOX DIFFUSER	40"X40"	60"X11" (8 SIDES)	DUCT MOUNTED	--	PER ARCHITECT	<30	ALUMINUM	PROVIDE WITH DUCT CAP ACCESSORY.
C	PRICE	SCD	SQUARE CONE DIFFUSER	PER PLAN	24"X24"	LAY-IN	--	WHITE	<30	STEEL	3 CONE PROVIDE RAPID MOUNT FRAME FOR EACH DIFFUSER INSTALLED IN A GYPSUM BOARD CEILING.
D	PRICE	81	EGGCRATE GRILLE	22"X10"	24"X12"	LAY-IN	--	WHITE	<30	STEEL	PROVIDE RAPID MOUNT FRAME FOR EACH GRILLE INSTALLED IN GYPSUM BOARD CEILINGS.
E	PRICE	81	EGGCRATE GRILLE	22"X22"	24"X24"	LAY-IN	OPPOSED BLADE	WHITE	<30	STEEL	PROVIDE RAPID MOUNT FRAME FOR EACH GRILLE INSTALLED IN A GYPSUM BOARD CEILING. PROVIDE SQUARE TO ROUND ADAPTER FOR DUCT CONNECTION.
F	PRICE	81	EGGCRATE GRILLE	10"X10"	12"X12"	LAY-IN	OPPOSED BLADE	WHITE	<30	STEEL	PROVIDE RAPID MOUNT FRAME FOR EACH DIFFUSER INSTALLED IN A GYPSUM BOARD CEILING. PROVIDE SQUARE TO ROUND ADAPTER FOR DUCT CONNECTION.
G	PRICE	520	REGISTER	20"X10"	22"X12"	SURFACE MOUNT	OPPOSED BLADE	WHITE	<30	STEEL	
H	PRICE	520	REGISTER	12"X8"	14"X10"	SURFACE MOUNT	OPPOSED BLADE	WHITE	<30	STEEL	
I	PRICE	535	LOUVERED GRILLE	22"X22"	24"X24"	SURFACE MOUNT	--	WHITE	<30	STEEL	
J	PRICE	SCD	SQUARE CONE DIFFUSER	PER PLAN	12"X12"	LAY-IN/DUCT MOUNT	--	WHITE	<30	STEEL	PROVIDE RAPID MOUNT FRAME FOR EACH DIFFUSER INSTALLED IN A GYPSUM BOARD CEILING.
K	PRICE	535	SQUARE CONE DIFFUSER	10"X10"	12"X12"	SURFACE MOUNT	--	WHITE	<30	STEEL	LOUVERED OPENINGS SHALL FACE NEAREST WALL.
L	PRICE	535	LOUVERED GRILLE	22"X10"	24"X12"	SURFACE MOUNT	--	WHITE	<30	STEEL	
M	PRICE	520	REGISTER	12"X4"	14"X6"	SURFACE MOUNT	OPPOSED BLADE	WHITE	<30	STEEL	

APPROVED ALTERNATE MANUFACTURERS: KRUEGER, METALAIR AND TITUS

OUTSIDE AIR CALCULATIONS VERIFYING COMPLIANCE WITH FBMC 2020.									
ROOM NAME / TYPE	OCCUPANCY CLASSIFICATION	AREA (SQ.FT.)	VENTILATION REQUIRED (CFM/SQ.FT.)	OCCUPANCY (SQ.FT./PERSON)	VENTILATION REQUIRED (CFM/PERSON)	NUMBER OF PEOPLE	TOTAL VENTILATION REQUIRED (CFM)	UNIT MARK	TOTAL VENTILATION PROVIDED (CFM)
SALES AREA	SALES	16,058	0.12	133.3	7.5	120	2,830	RTU-1	780
VESTIBULE	SALES	175	0.12	66.7	7.5	3	41	RTU-2	780
							0	RTU-3	660
							0	RTU-4	660
						TOTAL	2,871	TOTAL	2,880

NOTES:

- THE AREA SQ.FT. IS THE NET AREA EXCLUDING ALL WALLS THICKNESS AND UNCONDITIONED AREAS.
- 50% OF THE MAIN SALES FLOOR AREA SQUARE FOOTAGE IS NOT OCCUPIED DUE TO THE SALES RACKS. OCCUPANCY SQFT/PERSON HAS BEEN ADJUSTED ACCORDINGLY.

OUTSIDE AIR CALCULATIONS VERIFYING COMPLIANCE WITH FBMC 2020.									
ROOM NAME / TYPE	OCCUPANCY CLASSIFICATION	AREA (SQ.FT.)	VENTILATION REQUIRED (CFM/SQ.FT.)	OCCUPANCY (SQ.FT./PERSON)	VENTILATION REQUIRED (CFM/PERSON)	NUMBER OF PEOPLE	TOTAL VENTILATION REQUIRED (CFM)	UNIT MARK	TOTAL VENTILATION PROVIDED (CFM)
HALLWAY	CORRIDORS	244	0.06	-	-	-	6	RTU-6	110
FITTING ROOMS	SALES	365	0.12	-	7.5	8	104		
REST ROOMS	-	72	-	-	-	-	-		
						TOTAL	110	TOTAL	110

NOTES:

- THE AREA SQ.FT. IS THE NET AREA EXCLUDING ALL WALLS THICKNESS AND UNCONDITIONED AREAS.

OUTSIDE AIR CALCULATIONS VERIFYING COMPLIANCE WITH FBMC 2020.									
ROOM NAME / TYPE	OCCUPANCY CLASSIFICATION	AREA (SQ.FT.)	VENTILATION REQUIRED (CFM/SQ.FT.)	OCCUPANCY (SQ.FT./PERSON)	VENTILATION REQUIRED (CFM/PERSON)	NUMBER OF PEOPLE	TOTAL VENTILATION REQUIRED (CFM)	UNIT MARK	TOTAL VENTILATION PROVIDED (CFM)
OFFICE / CASH / E-LEARN	OFFICE SPACES	286	0.06	-	5	6	47	RTU-7	110
LOUNGE	OFFICE SPACES	257	0.06	-	-	12	75	RTU-7	110
HALL	CORRIDORS	72	0.06	-	-	-	6		
						TOTAL	129	TOTAL	220

NOTES:

- THE AREA SQ.FT. IS THE NET AREA EXCLUDING ALL WALLS THICKNESS AND UNCONDITIONED AREAS.

OUTSIDE AIR CALCULATIONS VERIFYING COMPLIANCE WITH FBMC 2020.									
ROOM NAME / TYPE	OCCUPANCY CLASSIFICATION	AREA (SQ.FT.)	VENTILATION REQUIRED (CFM/SQ.FT.)	OCCUPANCY (SQ.FT./PERSON)	VENTILATION REQUIRED (CFM/PERSON)	NUMBER OF PEOPLE	TOTAL VENTILATION REQUIRED (CFM)	UNIT MARK	TOTAL VENTILATION PROVIDED (CFM)
RECEIVING	SHIPPING / RECEIVING	1,695	0.12	-	-	-	203	RTU-5	245
						TOTAL	203	TOTAL	245

NOTES:

- THE AREA SQ.FT. IS THE NET AREA EXCLUDING ALL WALLS THICKNESS AND UNCONDITIONED AREAS.

SPLIT DX FAN COIL AND CONDENSING UNIT SCHEDULE																					
FC #	CU #	FAN COIL MANUFACTURER & MODEL NUMBER	CONDENSING UNIT MANUFACTURER & MODEL NUMBER	AREA SERVED	NOMINAL TONNAGE	ENERGY EFFICIENCY (SEER)	AIR FLOW (CFM)	AMBIENT (FDB)	GROSS COOLING CAPACITY (MBH)	COOLING (FDB)	EAT (FDB/FWB)	VOLTAGE	MCA	MOCP	WEIGHT	CONDENSING UNIT VOLTAGE	MCA	MOCP	WEIGHT	ACCESSORIES	NOTES
1		MITSUBISHI PKA-A24HA7	MITSUBISHI PUV-A24NH7	EQUIPMENT ROOM	2	21.4	710	95	24,000	8067	208V-1PH	1	15	50	208V-1PH	19	25	165	1-4	1-4	

ACCESSORIES (PROVIDED THROUGH MANUFACTURER)

- PROVIDE WITH WIRED REMOTE CONTROLLER.
- PROVIDE WITH WIND BAFFLE FOR OPERATION DOWN TO 0°F.
- PROVIDE MITSUBISHI THERMOSTAT INTERFACE KIT MODEL PAC-US444CN-1.
- PROVIDE LOW VOLTAGE TRANSFORMER 24VA, 120/208/240 PRI TO 24 VAC SEC.

NOTES

- INSTALL ACCESSORIES FURNISHED WITH UNIT.
- PROVIDE NON-PROGRAMMABLE 2-STAGE THERMOSTAT.
- INSTALL THERMOSTAT INTERFACE KIT MODEL PAC-US444CN-1, TRANSFORMER, AND WIRE TO NON-PROGRAMMABLE THERMOSTAT.
- ONCE UNIT IS COMMISSIONED, BAS CONTRACTOR SHALL REMOVE REMOTE CONTROLLER AND INTERFACE WITH BAS THROUGH PAC-US444CN-1. BAS INPUT/OUTPUTS REQUIRED ARE HIGH FAN, COOL, 1, COOL, 2, AND SPACE TEMPERATURE. PROGRAM UNIT ACCORDINGLY.

ROOFTOP UNIT SCHEDULE (HIGH EFFICIENCY WITH ELECTRIC HEAT)																					
RTU #	MANUFACTURER & MODEL NUMBER	NOMINAL TONNAGE	SUPPLY AIRFLOW (CFM)	ESP (IN)	OUTSIDE AIR	HEATING CAPACITY			GROSS COOLING CAPACITY						ELECTRICAL DATA			WEIGHT (LBS)	ACCESSORIES	NOTES	
						INPUT (KW)	OUTPUT (MBH)	STAGES	EAT (FDB/FWB)	TOTAL (MBH)	SENSIBLE (MBH)	LAT (FDB/FWB)	EER (SEER)	IEER	AMBIENT TEMP (F)	S/A FAN HP VOLTAGE	MCA				MOCP
1&2	CARRIER 50LCA12	10	3,600	0.7	830	12.4	42.2	1	79,767.8	121.6	84.4	58,057.2	13.1	20.8	95	3.7 HP 460V-3PH	32	35	2,200	1, 2, 4-18	1-10
3&4	CARRIER 50LCA09	8.5	2,900	0.7	660	12.4	42.2	1	79,767.7	103.9	71.0	57,056.4	13.7	21.0	95	2.4 HP 460V-3PH	31	35	2,200	1, 2, 4-18	1-10
5	CARRIER 50CC-MB42CS	5	1,750	0.8	265	10.6	36.2	1	78,067.2	61.7	40.7	56,456.0	16.1	--	95	1.4 HP 460V-3PH	20	20	800	1, 3, 5-17	1-10
6	CARRIER 50CC-MB42CS	3	900	0.8	110	5.5	16.7	1	79,568.2	33.9	20.1	58,756.4	16.1	--	95	0.7 HP 460V-3PH	11	15	700	1, 3, 5-16	1-10
7	CARRIER 50CC-MB42CS	3	900	0.8	110	5.5	16.7	1	79,568.2	33.9	20.1	58,756.4	16.1	--	95	0.7 HP 460V-3PH	11	15	700	1, 3, 5-16	1-10

ACCESSORIES (PROVIDE THROUGH MANUFACTURER)

- 14" TALL FACTORY ROOF CURB. CURBS SHALL BE THYBAR TC-6 SERIES WITH NOA # 16-0219.01
- INTEGRATED ECONOMIZER WITH DIFFERENTIAL ENTHALPY AND FIXED DRY BULB CONTROL AND FAULT DETECTION AND DIAGNOSTICS. PROVIDE WITH LOW LEAK DAMPERS (REFER TO ENERGY CODE FOR EXACT REQUIREMENTS).
- PROVIDE WITH MINIMUM TWO SPEEDS OF FAN CONTROL DURING ECONOMIZER OPERATION. HIGH LIMIT SHUT OFF CONTROL SETPOINT SHALL BE 75°FDB AND OUTDOOR ENTHALPY LESS THAN INDOOR ENTHALPY.
- BAROMETRIC RELIEF DAMPER FOR UNITS SMALLER THAN 6 TONS.
- POWERED RELIEF FAN ON UNITS 6 TONS AND GREATER.
- NON-FUSED DISCONNECT.
- 120V UNFUSED GFCI CONVENIENCE OUTLET WITH WEATHER COVER.
- TWO SETS OF 2" MERV-5 FILTERS.
- STAGED AIR VOLUME SUPPLY FAN. SUPPLY AIR STAGING SHALL BE ACCOMPLISHED WITH EITHER A VFD OR EC MOTOR.
- HINGED ACCESS PANELS.
- THROUGH THE BASE ELECTRICAL CONNECTION.
- HIGH AND LOW PRESSURE SWITCHES.
- CONDENSATE OVERFLOW SWITCH.
- SUPPLY AIR TEMPERATURE SENSOR.
- SYSTEM AIR CONTROLS WITH OPEN BACKET ACCESS TO BURLINGTON EMS.
- ACROSS THE CONDENSING COIL PROTECTION.
- CARRIER COMBO SPACE TEMPERATURE WITH RELATIVE HUMIDITY SENSOR (MODEL Z52-H-CAR).
- PROVIDE UNIT WITH HOT-GAS REHEAT FOR DEHUMIDIFICATION.
- PROVIDE DUCT SMOKE DETECTOR IN SUPPLY DUCT.

NOTES (TO CONTRACTOR)

- BURLINGTON HAS A NATIONAL ACCOUNT WITH CARRIER. COORDINATE WITH CARRIER EARLY IN CONSTRUCTION TO VERIFY LEAD TIMES FOR EQUIPMENT. CONTRACTOR SHALL EMAIL THE MECHANICAL SCHEDULE PLUS ANY APPLICABLE NOTES AS REQUIRED TO SECURE AN ACCURATE QUOTATION TO STRATEGIC NATIONAL ACCOUNTS. CONTRACTOR SHALL DIRECT QUESTIONS CONCERNING THE CARRIER EQUIPMENT TO BOB EDWELER, STRATEGIC ACCOUNT MANAGER AT (973) 224-6142 OR AT BOB.EDWELER@CARRIER.COM.
- REFER TO PLANS FOR SENSOR LOCATIONS AND MOUNTING HEIGHTS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE 200 AMP 208V CONVENIENCE OUTLET.
- ELECTRICAL CONTRACTOR AND/OR FIRE ALARM CONTRACTOR SHALL INTERLOCK ROOFTOP UNIT WITH FIRE ALARM SYSTEM TO SHUT DOWN UNIT UPON DETECTION OF SMOKE.
- MECHANICAL CONTRACTOR SHALL INSTALL ALL ACCESSORIES FURNISHED WITH UNIT.
- PROVIDE BURGLAR BARS IN ALL DUCTS WITHIN ROOF CURBS OF ROOFTOP UNITS.
- INSTALL ONE SET OF FILTERS DURING INSTALLATION OF UNITS AND PRIOR TO INITIAL START UP. INSTALL SECOND SET OF FILTERS PRIOR TO STORE TURNOVER.
- HVAC INSTALLATION SHALL BE COMPLETE AND ROOFTOP UNITS SHALL BE OPERATIONAL, WITH SPACE SENSORS FINISHED BY MANUFACTURER INSTALLED. PRIOR TO BAS SYSTEM INSTALLATION AND MANUFACTURER'S INSPECTION. DO NOT USE TEMPORARY THERMOSTATS. EQUIPMENT IS NOT DESIGNED TO OPERATE WITH TEMPORARY THERMOSTAT.
- MECHANICAL CONTRACTOR SHALL COORDINATE WITH CARRIER'S DISTRIBUTOR TO SCHEDULE AN HVAC INSPECTION BY A CARRIER COMMERCIAL SERVICE FACTORY TECHNICIAN. INSPECTION SHALL BE HELD AFTER ALL REQUIRED WORK PER THE CONSTRUCTION DOCUMENTS IS COMPLETED INCLUDING RTU SET UP, TESTING, PRE-FUNCTIONAL CHECKLISTS, TAG, AND FULL EMS INTEGRATION IN PREPARATION FOR 3RD PARTY COMMISSIONING INSPECTIONS OF COMPLETE SYSTEMS. ALLOW 30 DAYS FROM REQUEST FOR TECHNICIAN TO ARRIVE ON SITE. INCLUDE COST OF MANUFACTURER'S INSPECTION IN INSTALLING CONTRACTORS BID. INSPECTIONS BY OTHERS TO MEET THIS REQUIREMENT WILL NOT BE ACCEPTED.
- REFER TO SPECIFICATIONS FOR TEST AND BALANCE REQUIREMENTS.

