

PROJECT NAME: Summit Architects Flying Biscuit Landlord Scope of Work
PROJECT LOCATION: 19231 Highway 111, ME301, d49g
LAST CORRECTION: 19231 Highway 111, ME301, d49g
DATE: Thursday, August 20, 2020 8:53:19 AM
PLOTTER: Stacey Clappadiddle Thursday, August 20, 2020 8:53:22 AM

ROOFTOP UNIT SCHEDULE - GAS HEAT				
DESIGNATION	RTU-1	RTU-2	RTU-3	RTU-4
MANUFACTURER	YORK	YORK	YORK	YORK
MODEL NO.	ZJ078	ZJ078	ZJ078	ZJ078
NOMINAL TONNAGE	6.5	6.5	6.5	6.5
CAPACITY	CFM	2600	2600	2600
	TOTAL COOLING CAPACITY (MBH)	80.4	80.4	80.4
	SENSIBLE COOLING CAPACITY (MBH)	58.8	58.8	58.8
	ENT. AIR (DBWB)	80/67	80/67	80/67
	L.V.G. AIR (DBWB)	59.1/57.2	59.1/57.2	59.1/57.2
	MINIMUM E.E.R.	11.8	11.8	11.8
	HEATING INPUT (MBH)	120	120	120
	HEATING OUTPUT (MBH)	96	96	96
	STAGES OF HEATING	2	2	2
	EFFICIENCY	80%	80%	80%
UNIT DATA	OUTSIDE AIR CFM	SET BY TENANT	SET BY TENANT	SET BY TENANT
	TOTAL S.P. (IN. W.C.)	1.0	1.0	1.0
	FAN BRAKE HP	1.97	1.97	1.97
	FAN MOTOR HP	2.0	2.0	2.0
	NO. OF COMPRESSORS	2	2	2
	STAGES OF COOLING	2	2	2
	SMOKE DETECTORS	YES, NOTE 3	YES, NOTE 3	YES, NOTE 3
	RECEPTACLE	NOTE 4	NOTE 4	NOTE 4
	RELIEF	BAROMETRIC	BAROMETRIC	BAROMETRIC
	ECONOMIZER	DIFF. ENTHALPY	DIFF. ENTHALPY	DIFF. ENTHALPY
FILTER	TYPE	2"	2"	2"
	EFFICIENCY	MERV 8	MERV 8	MERV 8
	VOLTAGE/PHASE	208/3	208/3	208/3
	MINIMUM CIRCUIT AMPACITY	36.2	36.2	36.2
	MAXIMUM OVERCURRENT PROTECTION	45	45	45
	PANEL & CIRCUIT	EL-2,4,6	EL-8,10,12	EL-14,16,18
	WIRE & CONDUIT	(3)#8, #10G, ,3/4"C.	(3)#8, #10G, ,3/4"C.	(3)#8, #10G, ,3/4"C.
ELECT./CONT.	OVERCURRENT DEVICE	45A/3P CB	45A/3P CB	45A/3P CB
	DISCONNECT	60A-3P NF NEMA 3R	60A-3P NF NEMA 3R	60A-3P NF NEMA 3R
	CONTROL SEQUENCE	NOTE 5	NOTE 5	NOTE 5
	REFERENCE DRAWING/DETAIL	ME401	ME401	ME401
REMARKS	NOTE 1, 2	NOTE 1, 2	NOTE 1, 2	NOTE 1, 2

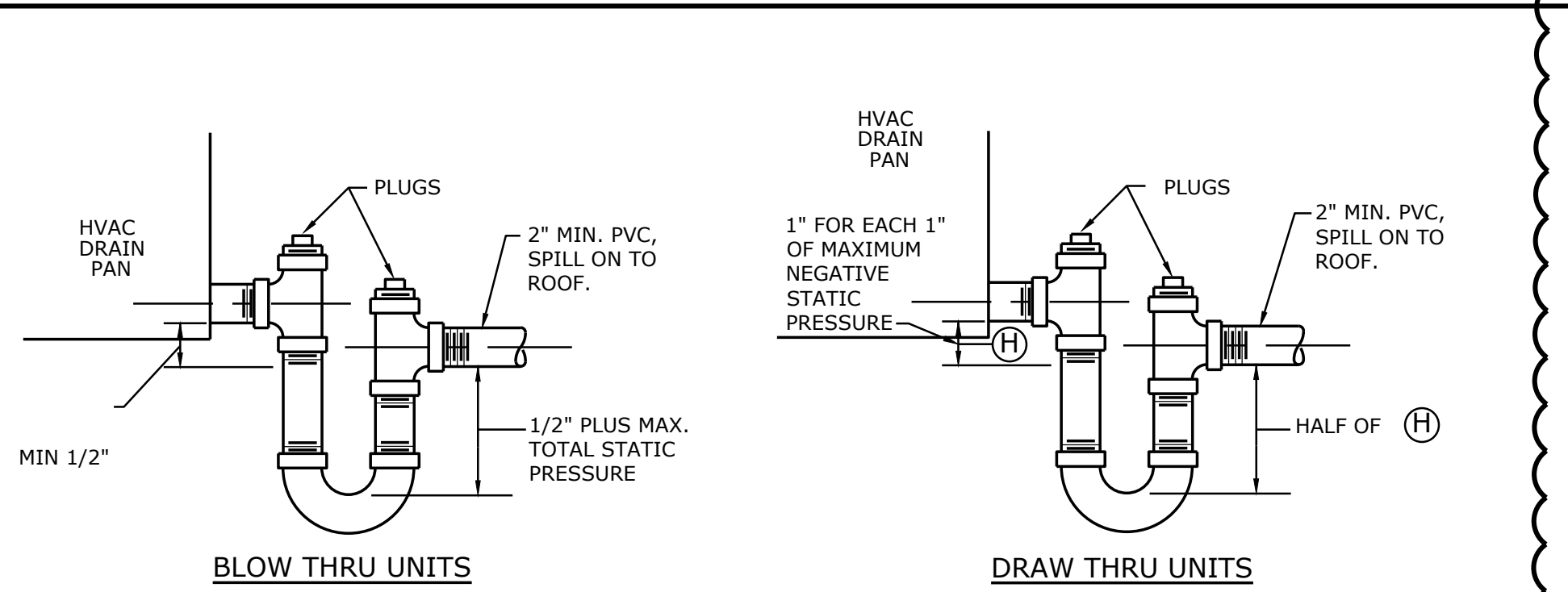
- NOTES:
- FURNISH WITH ALUMINIZED FURNACE, INTELLISPEED FAN, STANDARD DRAIN PAN, ROOF CURB, AND HAIL GUARD KIT. PROVIDE MODULATING OUTDOOR AIR DAMPER CAPABLE OF DEMAND CONTROL VENTILATION WITH CO2 SENSOR LOCATED IN UNIT OR DUCTWORK.
 - ROUTE DUCTWORK DOWN FROM UNIT TO THE BOTTOM OF STRUCTURE. REFER TO DETAIL AND INSULATION/LINER REQUIREMENTS.
 - FURNISH WITH FACTORY INSTALLED SMOKE DETECTOR IN RETURN AIR DUCT SECTION. FIRE ALARM CONTRACTOR TO CONNECT TO FIRE ALARM CONTROL PANEL AS REQUIRED.
 - FACTORY PROVIDED GFI / WP RECEPTACLE, UNPOWERED. CONTRACTOR TO FIELD WIRE PER PLANS.
 - PROVIDE FACTORY CONTROLLER FOR STAND-ALONE OPERATION. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT IN LOCKBOX. TEMPORARILY MOUNT IN SPACE. TENANT TO RELOCATE TO ITS FINAL LOCATION.

DUCTWORK SCHEDULE					
SERVICE	DUCT MATERIAL	DUCT SHAPE	SMACNA REQUIREMENTS		
			CLASSIFICATION	SEAL CLASS	LEAKAGE CLASS
SUPPLY AIR DUCTS CONNECTED TO RTU	GALVANIZED STEEL	RECTANGULAR	2" WG POSITIVE	B	12
	GALVANIZED STEEL	ROUND/FLAT OVAL (EXPOSED)	4" WG POSITIVE SPIRAL SEAM/FLAT OVAL	B	3
RETURN AIR AND TRANSFER AIR DUCTWORK	GALVANIZED STEEL	RECTANGULAR	2" WG NEGATIVE	B	12
GENERAL EXHAUST DUCTS TO THE INLET OF THE FAN	GALVANIZED STEEL	RECTANGULAR OR ROUND	2" WG NEGATIVE	B - RECTANGULAR A - ROUND	12 - RECTANGULAR 3 - ROUND

- NOTES:
- SEE DUCTWORK INSULATION SCHEDULE FOR REQUIREMENTS ON DUCT INSULATION

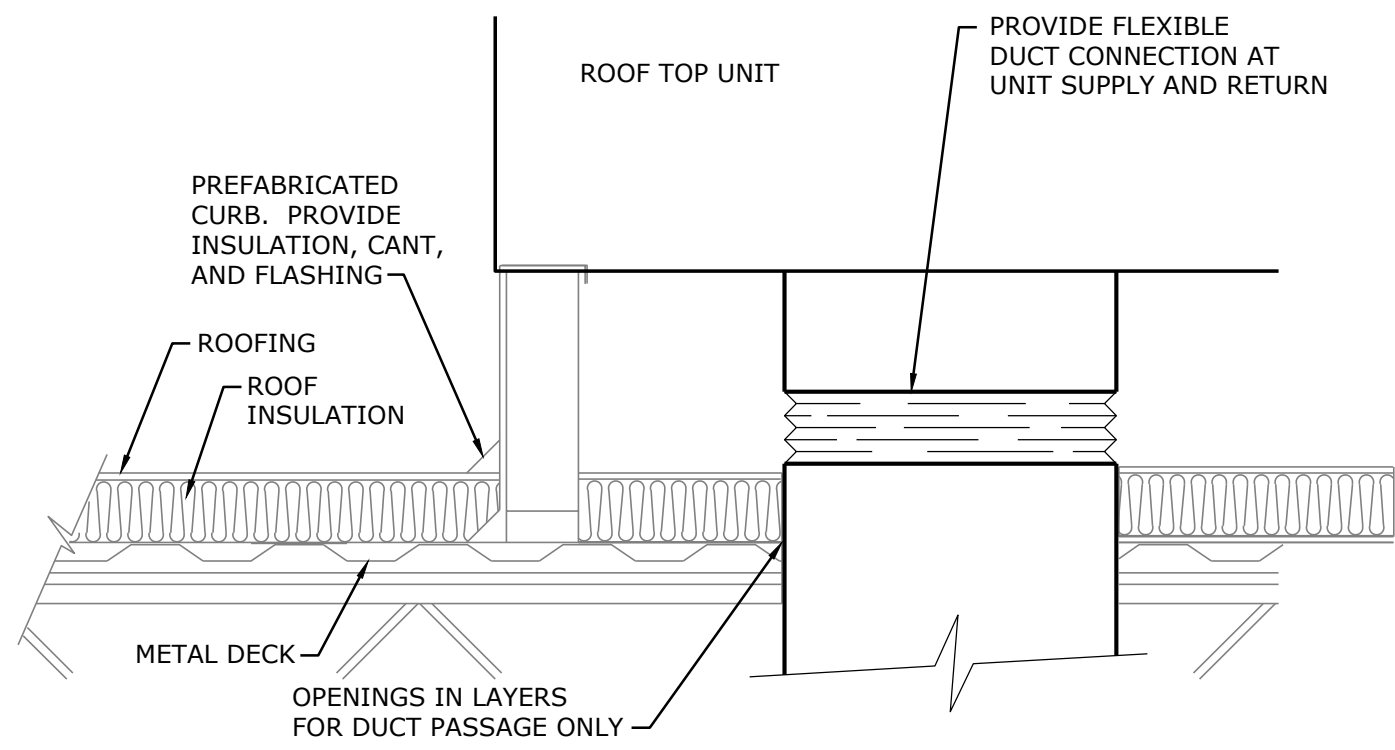
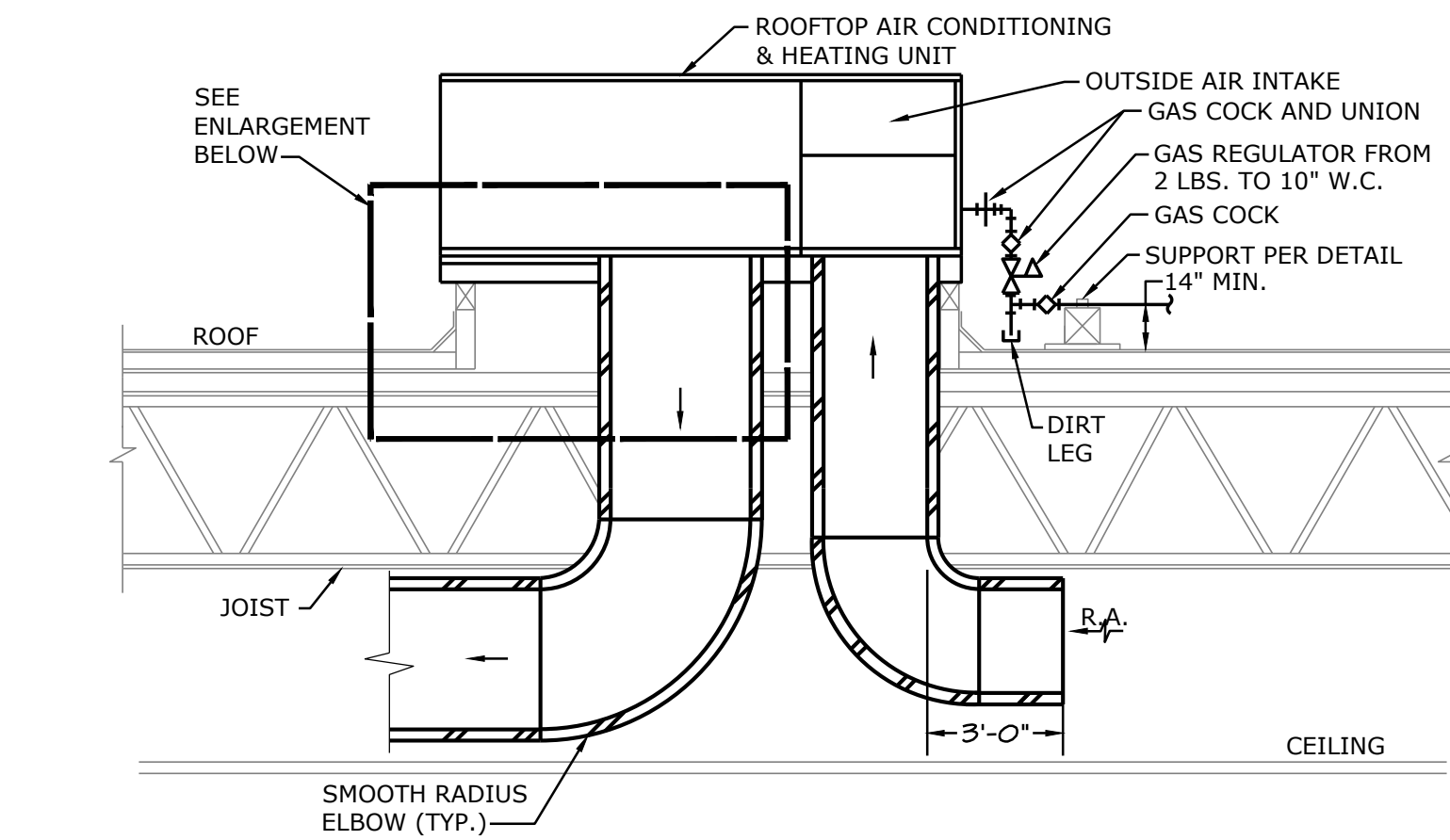
DUCTWORK INSULATION SCHEDULE	
SERVICE	INSULATION
CASINGS, HOUSINGS AND PLENUMS	2", 6 LB. FIBERGLASS BOARD, GCVB
CONCEALED DUCTWORK AS FOLLOWS:	1-1/2", 1.5 LB. RIGID FIBERGLASS BLANKET, VAPOR BARRIER FACED, WITH HEAVY DUTY FOIL-SCRM-KRAFT FACING.
ALL ROUND SUPPLY AIR AND UNLINED BRANCH TAKE-OFFS FOR ROUND DUCTS	
AND IN-LINE TRANSITIONS	
EXHAUST AIR BETWEEN ISOLATION DAMPER AND PENTRATION OF BUILDING EXTERIOR	
RELIEF AIR	

- NOTES:
- SEE DUCTWORK SCHEDULE FOR ITEMS THAT ARE TO BE LINED.
 - EXPOSED, LOW PRESSURE, ROUND AND FLAT OVAL SUPPLY AIR DUCTWORK IS NOT INSULATED.



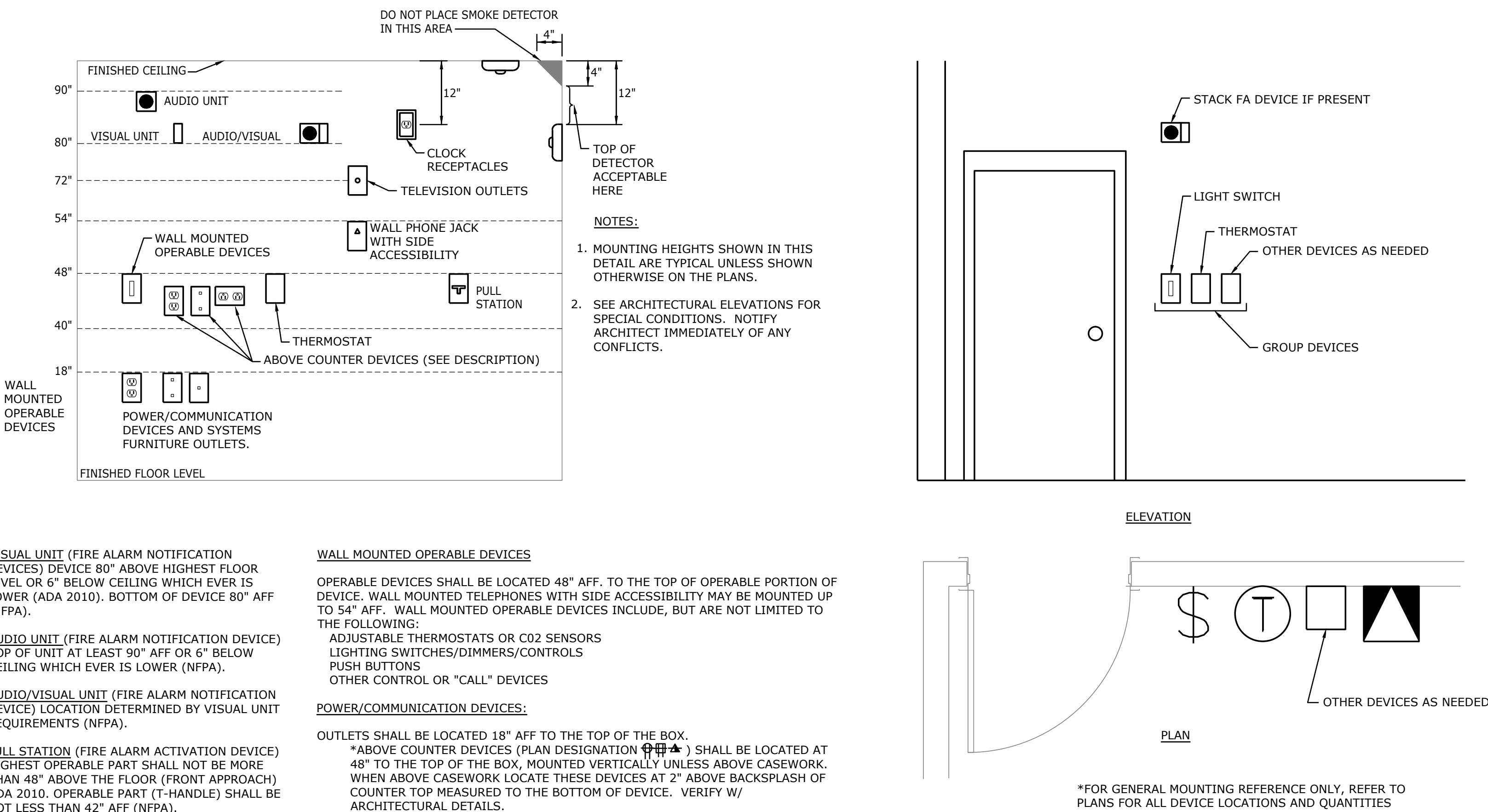
CONDENSATE DRAIN TRAP DETAIL

NOT TO SCALE



ROOFTOP UNIT AND CURB DETAIL

NOT TO SCALE



WALL MOUNTED DEVICES: MOUNTING HEIGHTS

NO SCALE