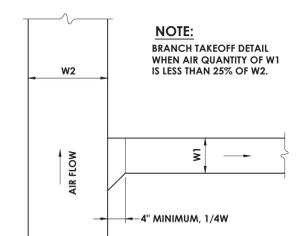


1 DIFFUSER DETAIL  
H800 NOT TO SCALE



2 BRANCH TAKE-OFF DETAIL  
H800 NOT TO SCALE

BLOWER COIL SCHEDULE																										
MARK	SUPPLY CFM	MIN. OA CFM	RETURN CFM	FAN DATA				ELECTRICAL DATA				STEAM HEATING COIL DATA				DX COOLING DATA				WT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS				
				EXT. SP.	TOTAL SP.	RPM	BHP	VOLT	PH	HZ	MBH	TEMP. F	ENT. LVS	INLET (PSI)	FACE AREA (FT <sup>2</sup> )	COND. LBHR	DX FACE AREA (FT <sup>2</sup> )	ROWS	FP1				EAT. F. (AVB)	DB (DBWB)	LAF. F. (DBWB)	COOLING MBH
BC-1	1977	310	1667	1.5	2.45	2676	1.34	209	3	60	50.8	59.1	99.2	2	6.3	87.8	6.4	3	12	78.5/66.1	56.1/54.8	67.7	46.9	1405	KRIEGER KAH-30X45	1.3,4.5
BC-2	1645	190	1455	1.5	2.98	2640	1.32	209	3	60	57.1	61.8	93.9	2	3.9	58.5	3.8	5	10	77.2/65.7	54.5/53.7	58.6	40.3	1225	KRIEGER KAH-30X36	1.2,4.5

REMARKS:  
1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH  
2. PROVIDE ACCESS DOORS AND COIL CONNECTIONS ON LEFT SIDE  
3. PROVIDE ACCESS DOORS AND COIL CONNECTIONS ON RIGHT SIDE  
4. PROVIDE 2" SPRING ISOLATORS ON SUPPLY FANS  
5. FILTER MEDIA MERV 8 WITH 0.3" ALLOWANCE ADDED FOR MERV 13

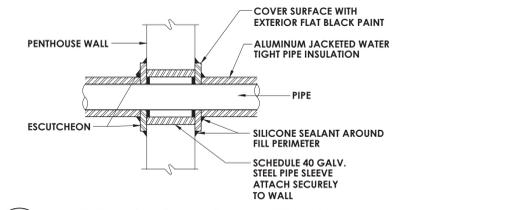
AIR COOLED CONDENSER UNIT SCHEDULE														
MARK	LOCATION	SERVES	NOMINAL TONS	NET CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	ELECTRICAL DATA			REFRIGERANT	SEER/EER	OPERATING WEIGHT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS	
						VOLTI/B	MCA	POWER (KW)						
ACCU-1	ROOF	BC-1	5	56.7	39.8	209/3	21.2	4.56	R-410A	14/12	205	YORK YCD068315	1	
ACCU-2	ROOF	BC-2	4	44.2	39.2	209/3	18.4	4.1	R-410A	15.75/12.75	200	YORK YCD488315	1	

REMARKS:  
1. PROVIDE FACTORY MOUNTED DISCONNECT.  
2.  
3.

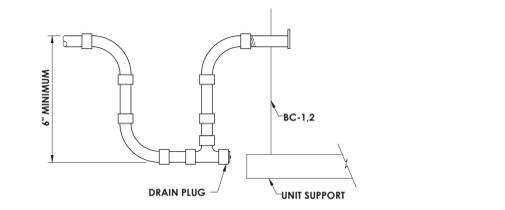
GRAVITY VENTILATOR SCHEDULE								
MARK	LOCATION	SERVICE	THROAT AREA (SQ. FT.)	HOOD AREA (SQ. FT.)	AIR FLOW (CFM)	SP (IN. W.G.)	TYPICAL UNIT MFG & MODEL NO.	REMARKS
GV-1	ROOF	BC-1 AND BC-2 OUTSIDE AIR	1	4.7	600	0.026	GREENHECK GRSI-16	1, 2

REMARKS:  
1. PROVIDE WITH WIRE MESH BIRD SCREEN.  
2. PROVIDE MANUFACTURER'S 18-INCH INSULATED ROOF CURB

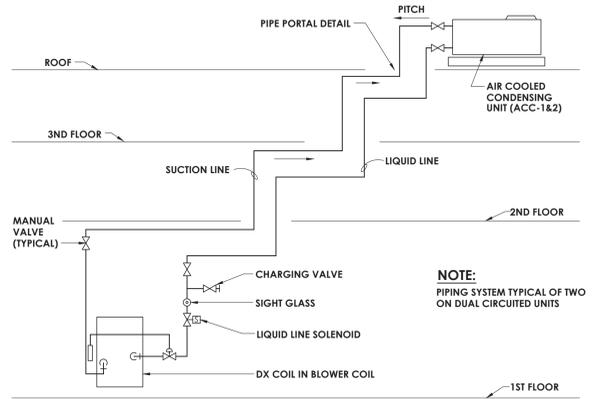
REGISTERS, GRILLES, AND DIFFUSERS							
MARK	APPLICATION	MATERIAL	TYPE	FINISH	FACE SIZE	DESIGN EQUIP.	REMARKS
D1	SUPPLY	STEEL	LAY IN	WHITE	24X24	PRICE SCD	-
D2	SUPPLY	STEEL	LAY IN	WHITE	12X12	PRICE SCD	-
D3	SUPPLY	STEEL	SIDE WALL	WHITE	SEE PLANS	PRICE S10	-
G1	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PDDR	-
G2	RETURN/EA	STEEL	LAY IN	WHITE	12X12	PRICE PDDR	-
G3	RETURN/EA	STEEL	SIDE WALL	WHITE	SEE PLANS	PRICE S30	-



3 PIPE THROUGH NON-RATED WALL  
H800 NOT TO SCALE

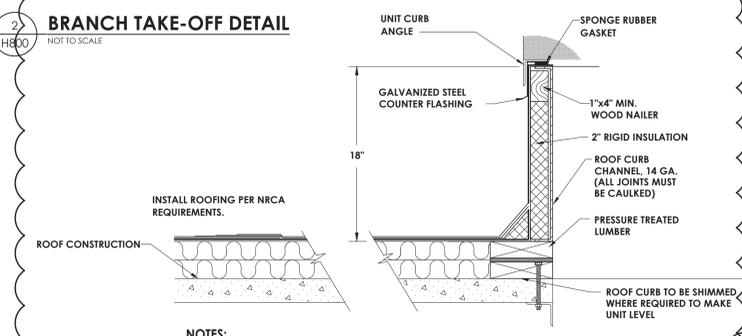


5 CONDENSATE TRAP DETAIL  
H800 NOT TO SCALE



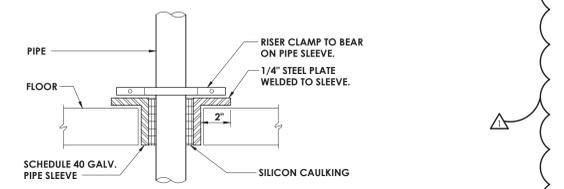
NOTE:  
PIPING SYSTEM TYPICAL OF TWO ON DUAL CIRCUITED UNITS

8 REFRIGERANT PIPING SCHEMATIC  
H800 NOT TO SCALE

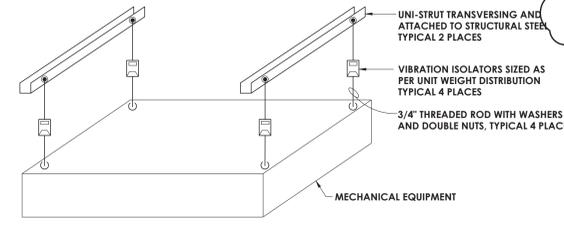


NOTES:  
1. ALL ROOF TOP HVAC EXHAUST FANS REQUIRED TO HAVE CURB AND CURB INTERIOR AS SHOWN UNLESS OTHERWISE NOTED.  
2. INSTALL ROOFING PER NRCA RECOMMENDATIONS. COORDINATE WITH OWNER AND EXISTING ROOFING MANUFACTURER TO MAINTAIN WARRANTY.  
3. REMOVE EXISTING ROOFING AND ROOF INSULATION DOWN TO EXISTING ROOF DECK AS NECESSARY FOR INSTALLATION OF HVAC EQUIPMENT CURB. CUT OPENING IN EXISTING ROOF DECK AND PROVIDE STRUCTURAL SUPPORT FOR MECHANICAL EQUIPMENT AND OPENING EDGE.  
4. SECURE EQUIPMENT TO RAIL WITH CADMIUM PLATED HARDWARE.  
5. INSTALLATION OF ALL MECHANICAL EQUIPMENT, RAILS AND CURBS SHALL CONFORM TO NYS BUILDING CODE SECTION 1604.9 AND THE WIND RESTRAINT REQUIREMENTS OF THIS PROJECT.

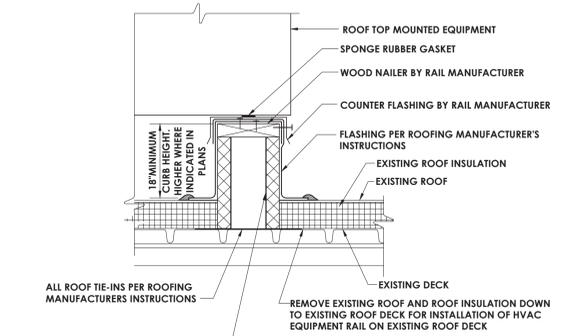
4 ROOF VENT ROOF CURB DETAIL - EXISTING ROOF  
H800 NOT TO SCALE



6 PIPE THROUGH NON-RATED FLOOR  
H800 NOT TO SCALE

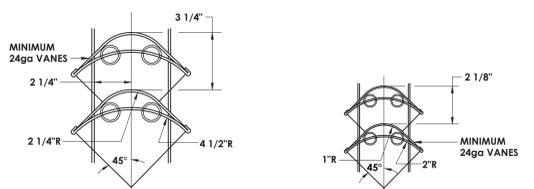


9 INDOOR UNIT SUPPORT INSTALLATION DETAIL  
H800 NOT TO SCALE

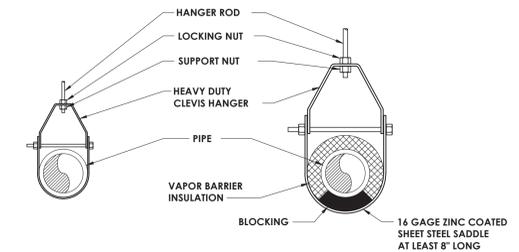


NOTE:  
1. INSTALL ROOFING PER NRCA RECOMMENDATIONS. COORDINATE WITH OWNER AND EXISTING ROOFING MANUFACTURER TO MAINTAIN WARRANTY.  
2. REMOVE EXISTING ROOFING AND ROOF INSULATION DOWN TO EXISTING ROOF DECK AS NECESSARY FOR INSTALLATION OF HVAC EQUIPMENT CURB. CUT OPENING IN EXISTING ROOF DECK AND PROVIDE STRUCTURAL SUPPORT FOR MECHANICAL EQUIPMENT AND OPENING EDGE. CRICKET AWAY FROM RAILS FOR DRAINAGE.  
3. SECURE EQUIPMENT TO RAIL WITH CADMIUM PLATED HARDWARE.  
4. INSTALLATION OF ALL MECHANICAL EQUIPMENT, RAILS AND CURBS SHALL CONFORM TO NYS BUILDING CODE SECTION 1604.9 AND THE WIND RESTRAINT REQUIREMENTS OF THIS PROJECT.

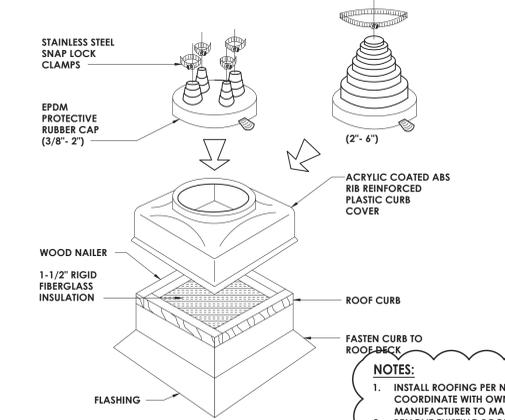
7 EQUIPMENT, DUCT AND PIPING ROOF RAILS  
SCALE: NOT TO SCALE



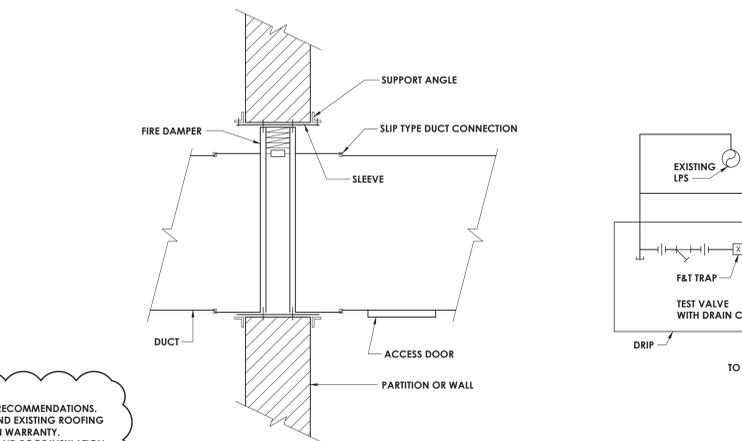
10 TYPICAL TURNING VANE DETAIL  
H800 NOT TO SCALE



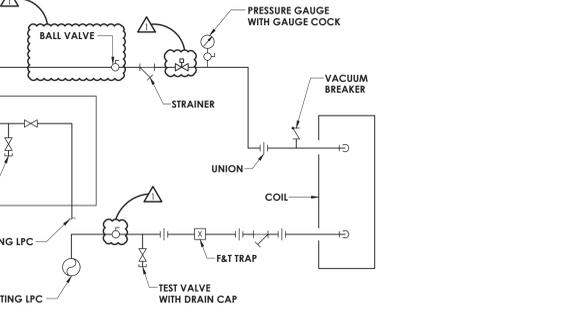
11 PIPE SUPPORT DETAIL  
H800 NOT TO SCALE



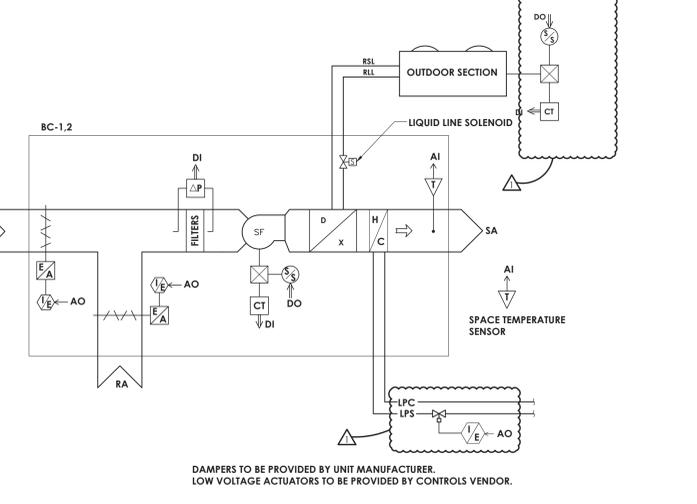
12 PIPE PORTAL DETAIL  
H800 NOT TO SCALE



13 VERTICAL FIRE DAMPER DETAIL  
H800 NOT TO SCALE



14 STEAM COIL PIPING DETAIL  
H800 NOT TO SCALE



15 FAN COIL CONTROL SCHEMATIC - STEAM BC-1,2  
H800 NOT TO SCALE

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Date last accessed: 12/22/2020 9:44 AM  
Date last plotted: 12/22/2020 12:45 PM  
Plotted By: Brendon Mazza

REVISIONS	NO.	DATE	DESCRIPTION
	1	12/18/2020	BID ADDENDUM 1

NO.	DATE	DESCRIPTION
1	12/18/2020	BID ADDENDUM 1

OSSINING UNION FREE SCHOOL DISTRICT  
OSSINING HIGH SCHOOL  
GUIDANCE OFFICE RENOVATIONS  
29 SOUTH HIGHLAND AVENUE, OSSINING, NEW YORK 10562  
SED # 66-14-01-03-0-003-039