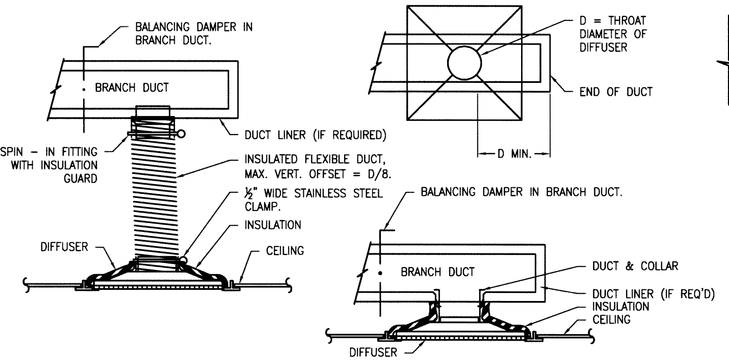
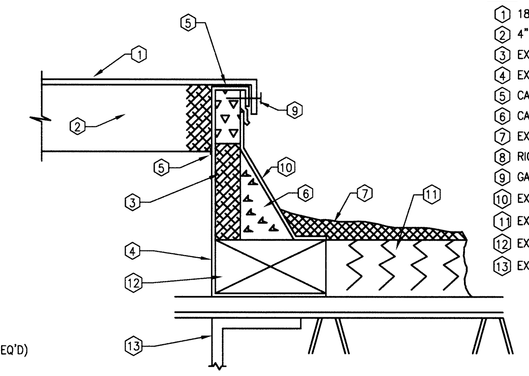


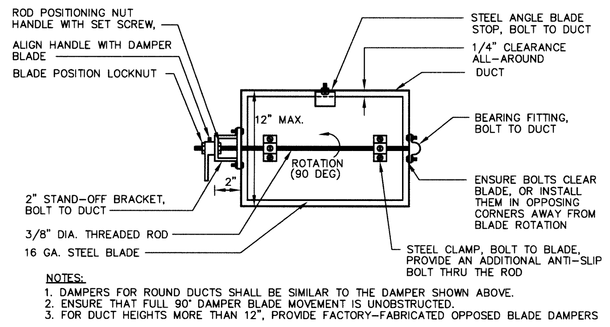
1 SUPPLY AIR DIFFUSER DETAIL
N.T.S.



KEY

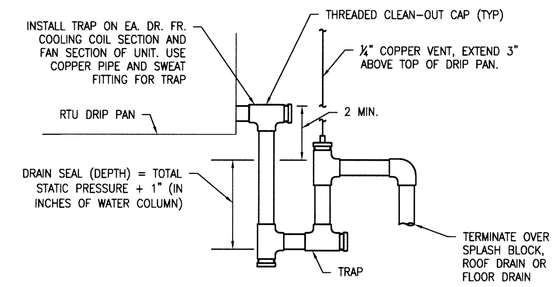
1. 18 GAUGE ALUMINUM CURB CAB
2. 4" RIGID INSULATION
3. EX ROOF CURB
4. EX GALVANIZED CURB BY H.C.
5. CAULK/SEALANT
6. CANT STRIP BY H.C.
7. EX ROOFING MATERIAL
8. RIGID INSULATION BY H.C.
9. GALVINIZED SCREW 3 PER SIDE
10. EX FLASHING
11. EXISTING ROOF
12. EX WOODBLOCK BY H.C.
13. EX STRUCTURAL STEEL SUPPORTS

2 ROOF CURB CAP DETAIL
N.T.S.

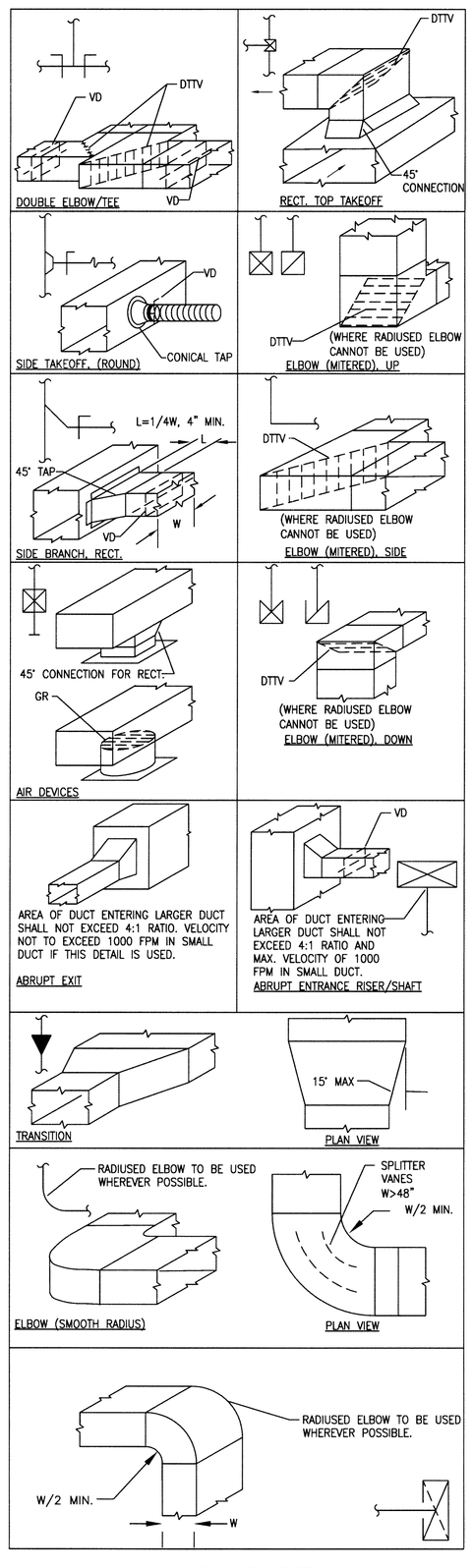


NOTES:
1. DAMPERS FOR ROUND DUCTS SHALL BE SIMILAR TO THE DAMPER SHOWN ABOVE.
2. ENSURE THAT FULL 90° DAMPER BLADE MOVEMENT IS UNOBSTRUCTED.
3. FOR DUCT HEIGHTS MORE THAN 12", PROVIDE FACTORY-FABRICATED OPPOSED BLADE DAMPERS

3 DETAIL - MANUAL DAMPER (ADJUSTABLE SINGLE - BLADE BALANCING TYPE)
N.T.S.



4 DRAIN CONNECTION FOR RTU'S DETAIL
N.T.S.



5 DUCTWORK DETAIL
N.T.S.

EXISTING ROOF TOP UNIT SCHEDULE

RTU NO.	UNIT DATA TOTAL CFM	MIN OA CFM	% OA	ESP IN H20	HEATING REQUIREMENTS TOTAL MBH	NATURAL GAS (CFH)	EAT F	LAT F	COOLING REQUIREMENTS TOTAL MBH	SENS MBH	EAT DB F	EAT WB F	LAT DB F	LAT WB F	UNIT ELECTRICAL CHARS V-PH-HZ	MCA	FLA	REMARKS
1	3,300	1,005	30.5	1.0	164	100	49.0	95.0	113	96	80.8	65.9	55.0	54.5	208-3-60	50.00	37	EX YORK UNIT
2	1,200	335	28.0	0.5	44	50	50.7	85.0	40	34	80.3	63.5	55.0	54.5	460-3-60	15.00	11.7	EX YORK UNIT

1. BALANCE EXISTING RTUS TO SCHEDULED CAPACITIES. REPLACE SHIEVES AND BELTS AS REQUIRED TO ACHIEVE NEW SUPPLY FAN AIR FLOW

JOHN J. SOLARCZYK
REGISTERED PROFESSIONAL ENGINEER

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
401 EAST WINDING HILL ROAD
MECHANICSBURG PA 17055
717-458-0272 FAX 717-458-0047
250 WEST MAIN STREET, SUITE 200
CHARLOTTESVILLE VA 22902
434-975-7262 FAX 434-975-7263
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RENOVATIONS TO COSMETOLOGY AND ALLIED HEALTH CLASSROOMS
FRANKLIN COUNTY CAREER AND TECHNOLOGY CENTER
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2463 LOOP ROAD CHAMBERSBURG, PENNSYLVANIA 17202

PYRAMID
Pyramid Engineering, P.C.
300 Fifth Ave, P.O. Box 3233
Altoona, PA 16602
814-946-9910

HVAC - DEMOLITION & NEW WORK FLOOR PLANS

PLOT SCALE: AS SHOWN
FILENAME:
DATE: 4/30/2014

PROJECT 2776

M0.2