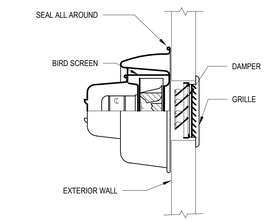
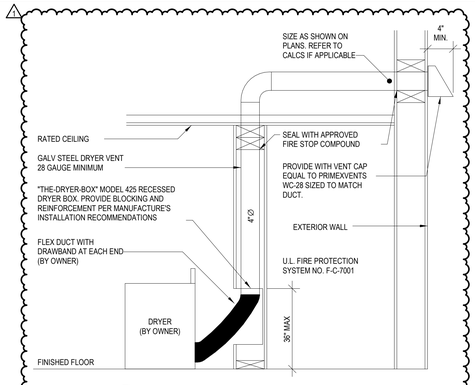
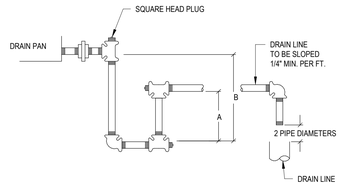


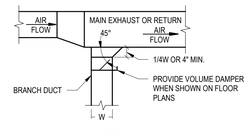


12 DRYER EXHAUST DETAIL
M300 NTS



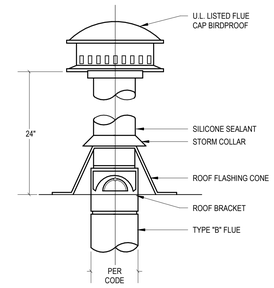
NOTES:
1. FILL TRAP MANUALLY ON INITIAL START-UP.
2. TRAP EACH COMPONENT DRAIN CONNECTION.
3. PIPE SIZE SHALL NOT BE LESS THAN DRAIN PAN CONNECTION SIZE.
4. A = NEGATIVE OR POSITIVE S.P. ON THE DRAIN PAN + 2" B = (2 NEGATIVE S.P.) + 4" FOR DRAW THRU UNITS B = A + 2" FOR BLOW THRU UNITS

14 CONDENSATE DRAIN TRAP PIPING DETAIL
M300 NOT TO SCALE

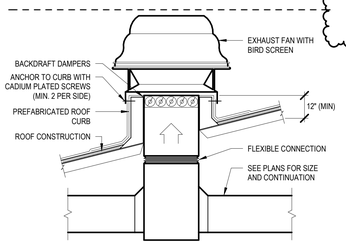


PLAN VIEW

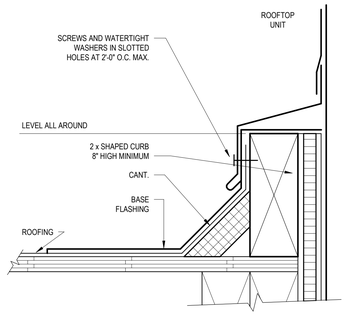
13 EXHAUST OR RETURN BRANCH DUCTOWRK DETAIL
M300 NOT TO SCALE



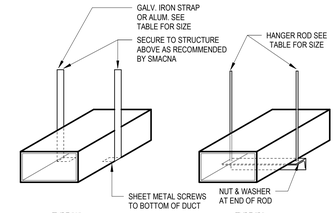
15 FLUE PIPE TERMINATION DETAIL
M300 NOT TO SCALE



SLOPE ROOF - DOWNBLAST



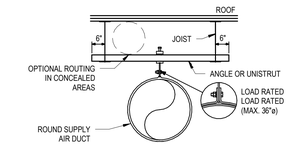
11 ROOFTOP UNIT CURB DETAIL
M300 NOT TO SCALE



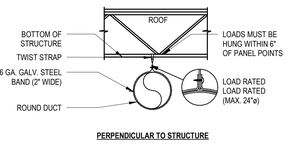
DUCT HANGER SCHEDULE					
DUCT SIZE (INCH)	TYPE OF HANGER	HANGER SPACING (FT)	STRAP SIZE	ROD SIZE (INCH)	ANGLE FOR BRACING
UP TO 12	A	8'-0"	1"x16GA	N.A.	N.A.
13 TO 18	A	8'-0"	1"x16GA	N.A.	N.A.
19 TO 30	A/B	8'-0"	1"x16GA	1/4"	1-1/2"x1-1/2"x1/8"
31 TO 42	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x1/8"
43 TO 54	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x1/8"
55 TO 60	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x1/8"
61 TO 84	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x3/16"
85 TO 96	B	8'-0"	N.A.	1/4"	1-1/2"x1-1/2"x3/16"
OVER 96	B	8'-0"		3/8"	2"x2"x1/4"

NOTES:
1. FOR SEVERAL DUCTS ON ONE HANGER, TYPE "B" MAY BE USED. SIZE OF HANGER WILL BE SELECTED ON THE SUM OF DUCT WIDTHS EQUAL TO MAX WIDTH OF DUCT SCHEDULE.
2. ON TYPE "A" HANGER, PROVIDE 3 HANGERS AT EACH TAKE-OFF OR BRANCH.

7 DUCT SUPPORT DETAIL
M300 NTS



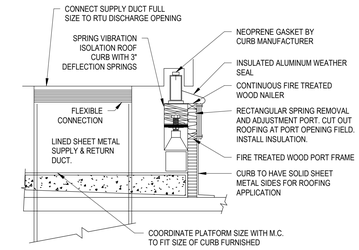
PARALLEL TO STRUCTURE



PERPENDICULAR TO STRUCTURE

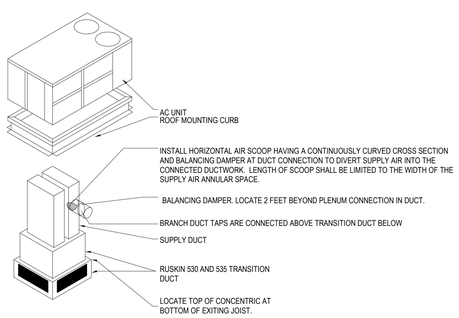
NOTE:
FOR DUCTS LARGER THAN 36"ø, USE TWO HANGER RODS, WIRES OR STRAPS TO SUPPORT DUCT FROM EACH SIDE.

6 DUCTWORK SUPPORT DETAIL
M300 NOT TO SCALE

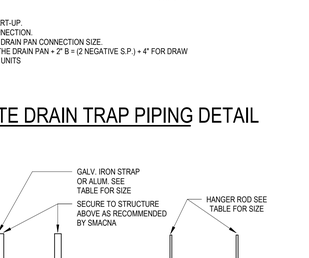


NOTE:
1. ROOF CURB TO FUNCTION AS A RETURN AIR PLENUM.

3 ROOFTOP VIBRATION ISOLATION CURB DETAIL
M300 NOT TO SCALE



10 CONCENTRIC DIFFUSER DETAIL
M300 6" = 1'-0"



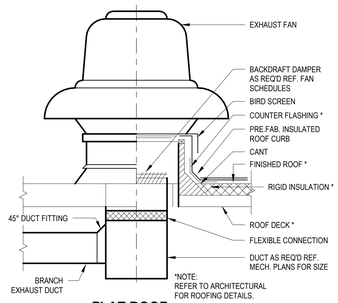
NOTE:
NORMALLY USED WHEN FULL RADIUS ELBOW IN FLEX DUCT CAN BE ACHIEVED.

DIFFUSER DETAIL - OPTION #1

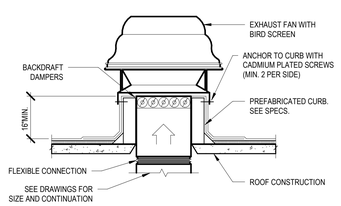
NOTE:
USED WHEN NORMAL RADIUS ELBOW CAN'T BE ATTACHED AS SHOWN IN OPTION #1.

DIFFUSER DETAIL - OPTION #2

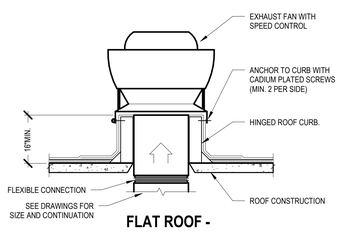
5 TYPICAL DIFFUSER AND GRILLE CONNECTIONS
M300 1/2" = 1'-0"



FLAT ROOF - DOWNBLAST

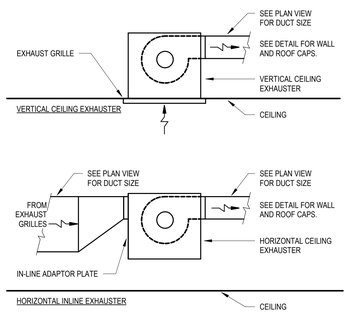


FLAT ROOF - DOWNBLAST

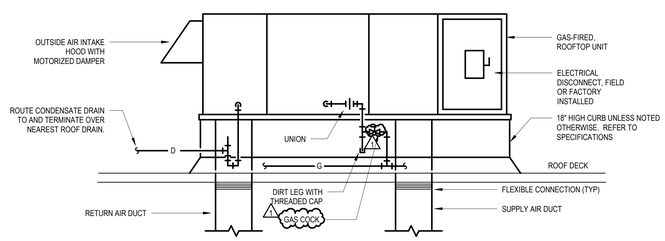


FLAT ROOF - UPBLAST

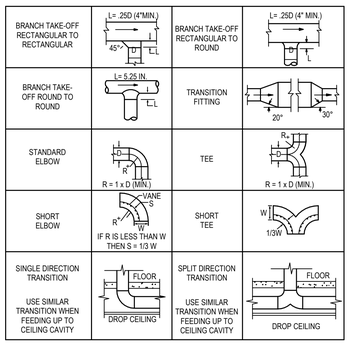
9 EXHAUST FAN DETAIL
M300 NTS



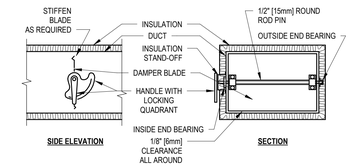
8 INLINE EXHAUSTER DETAIL
M300 NOT TO SCALE



4 ROOFTOP UNIT DETAIL
M300 NTS



1 TYPICAL DUCT TAKE-OFFS DETAIL
M300 NOT TO SCALE



NOTE:
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLAD DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI- BLADE DAMPERS & ROUND DAMPERS.

2 VOLUME DAMPER DETAIL
M300 NOT TO SCALE

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REMODEL

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SLICK CITY

NORMAN, OK

PROJECT NUMBER
NORMAN, OK

SHEET TITLE
MECHANICAL DETAILS

SHEET NUMBER
M300