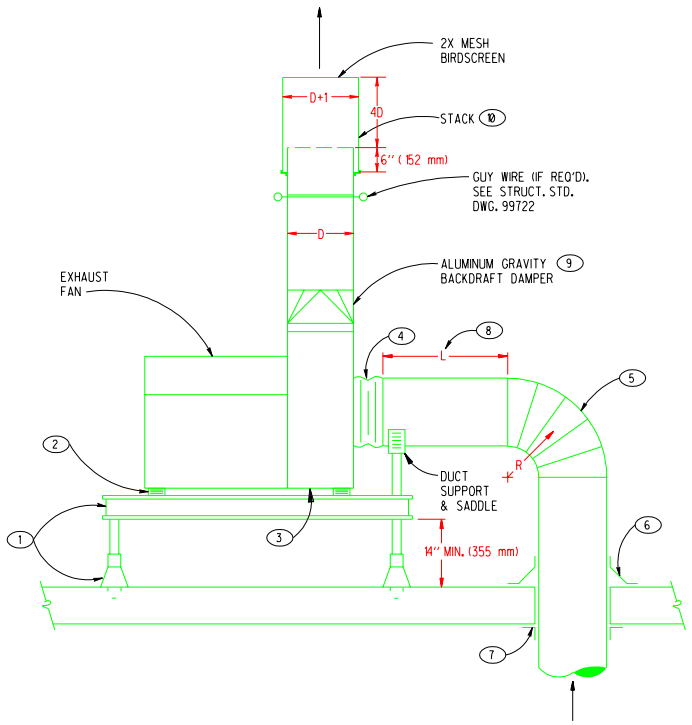

ROOF ROUND EXHAUST DUCT

SCALE: N.T.S.

KEYED NOTES

1. SEE ARCH. STD. DWGS. (CONSULT WITH ROOFING COMMITTEE FOR SPECIFIC DETAILS ON EQUIPMENT STAND CONSTRUCTION AND ATTACHMENT TO ROOF METHOD).
2. PROVIDE 90% CAPTIVE SPRING VIBRATION ISOLATORS BETWEEN FAN AND SUPPORT STAND, (SIESMIC ZONE 4 IN CALIF.).
3. OPEN DRAIN PIPE COUPLING IN HOUSING BOTTOM OR 3/8" (9.5 mm) DRAIN HOLE.
4. FIBERGLASS OR NYLON REINFORCED NEOPRENE FLEXIBLE CONNECTION WITH METAL EDGE CONNECTORS.
5. FIVE SECTION, LONG RADIUS ELBOW, R ≥ 1.5 DUCT DIAMETER.
6. FLASH AND SEAL DUCT AND ROOF PER ARCH. STD. DWGS.
7. ANGLE SUPPORT FOR ROOF OPENING PER ARCH. STD. DWGS.
8. FAN INLET DUCT LENGTH:

   L= 2.5 D D= INSIDE DUCT DIAMETER
9. PAINT EQUIPMENT STAND AND OUTSIDE DUCT AND STACK PER ARCH. STD. SPECIFICATIONS. MATERIALS OF COMPONENTS EXPOSED TO FUMES SHALL BE NON-REACTIVE WITH THE FUMES.
10. NOTE TO DESIGNER:

    CONSULT WITH STRUCTURAL ENGINEER AND ROOFING COMMITTEE TO ASCERTAIN NECESSITY FOR GUY WIRE SUPPORT.

REV	DATE	DESCRIPTION	DWN	CKD	APP
△					
△					
△	6-15-01	UDS MODS	EG	FL	
△ 1	1/00	REVISE	YMA	DW	

P.O.
PROJECT NO.

U.S. DEPARTMENT OF ENERGY

KIRTLAND AREA OFFICE ALBUQUERQUE, NEW MEXICO

SANDIA NATIONAL LABORATORIES

ROOF ROUND EXHAUST FAN

P.O.
PROJECT NO.
DRAWN BY
CHECKED BY
SNL ENGR
DATE 9/95

EXHAUST SYSTEMS STANDARD

SIZE D+ DRAWING NO MJ001STD SEQ.

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