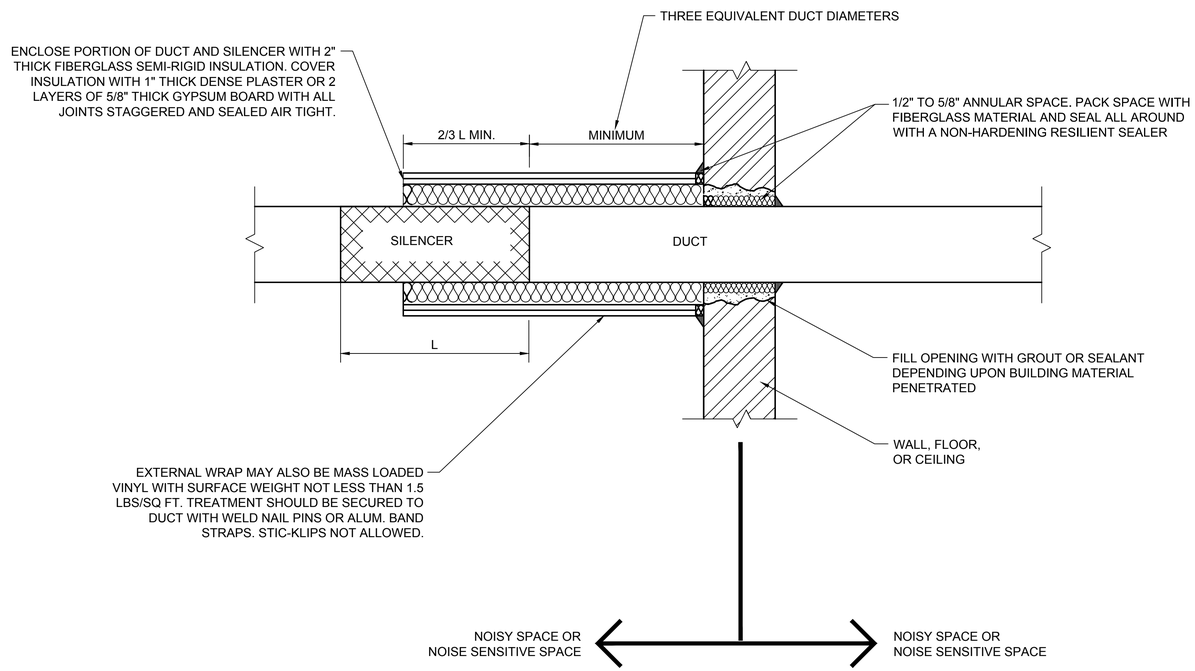
NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM MECHANICAL POC.
2. REFER TO ENGINEERING STANDARDS MANUAL MECHANICAL CHAPTER FOR CRITERIA ON SOUND CONTROL.
3. DETAILS ARE NOT APPLICABLE FOR FIRE RATED BARRIERS, OR RADIATION, EXPLOSIVE, AND EMF SEALS.
4. RODENT-PROOFING: WHEN PENETRATING AN EXTERIOR WALL, ROOF, OR FLOOR, PROVIDE A METAL COLLAR SECURELY FASTENED TO THE STRUCTURE.
5. EXTERNAL ENCLOSURE MAY BE USED INSIDE OR OUTSIDE OF NOISY SPACE DEPENDING ON JOB CONDITIONS AND THE CONFIGURATIONS OF DUCTS.



SOUND CONTROL DETAIL

SCALE: NONE

DRAWING DEVELOPED FOR ML-3/ ML-4 PROJECTS. FOR ML-1/ ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

00% REVIEW
NOT FOR CONSTRUCTION

NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
4	06-23-2017	UNCLASS	TO	ADMIN. CHANGES TO CAD STD. REV#5 FORMAT & SHEET NUMBER WAS 4 OF 5.	JB	AJ	ML	ML	TO
3	8-14-03	U	LB	EDITORIAL CHANGES & DWG. NO. WAS ST6940.	RP	SS	RR	GG	TO
2	9-6-02	U	LB	ADDED SHEET 5	RP	JR	GG	GG	TO
1	4-30-01	U	LB	REVISED TO COMPLY WITH DRAFTING MANUEL & ADDED NOTE 3	RP	RR	KB	TO	TO

ENGINEERING STANDARDS

MECHANICAL

SOUND CONTROL DETAIL
DUCT PENETRATION W/SILENCER (ALTERNATIVE)

TA- XX BLDG- XX

DRAWN	R.PEARSON
DESIGN	R.ROMERO
CHECKED	K.BECKMAN
DATE	06-28-99

SUBMITTED
DISCIIPLINE POC: GURINDER GREWAL

APPROVED FOR RELEASE
STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY
PO Box 1663
Los Alamos, New Mexico 87545

SHEET 4 OF 4

D.C.: U | REVIEWER: LARRY BAYS | DATE: 06-28-99

PROJECT ID: CHAPTER 6 | DRAWING NO: ST-D10-30GEN-3 | REV 4