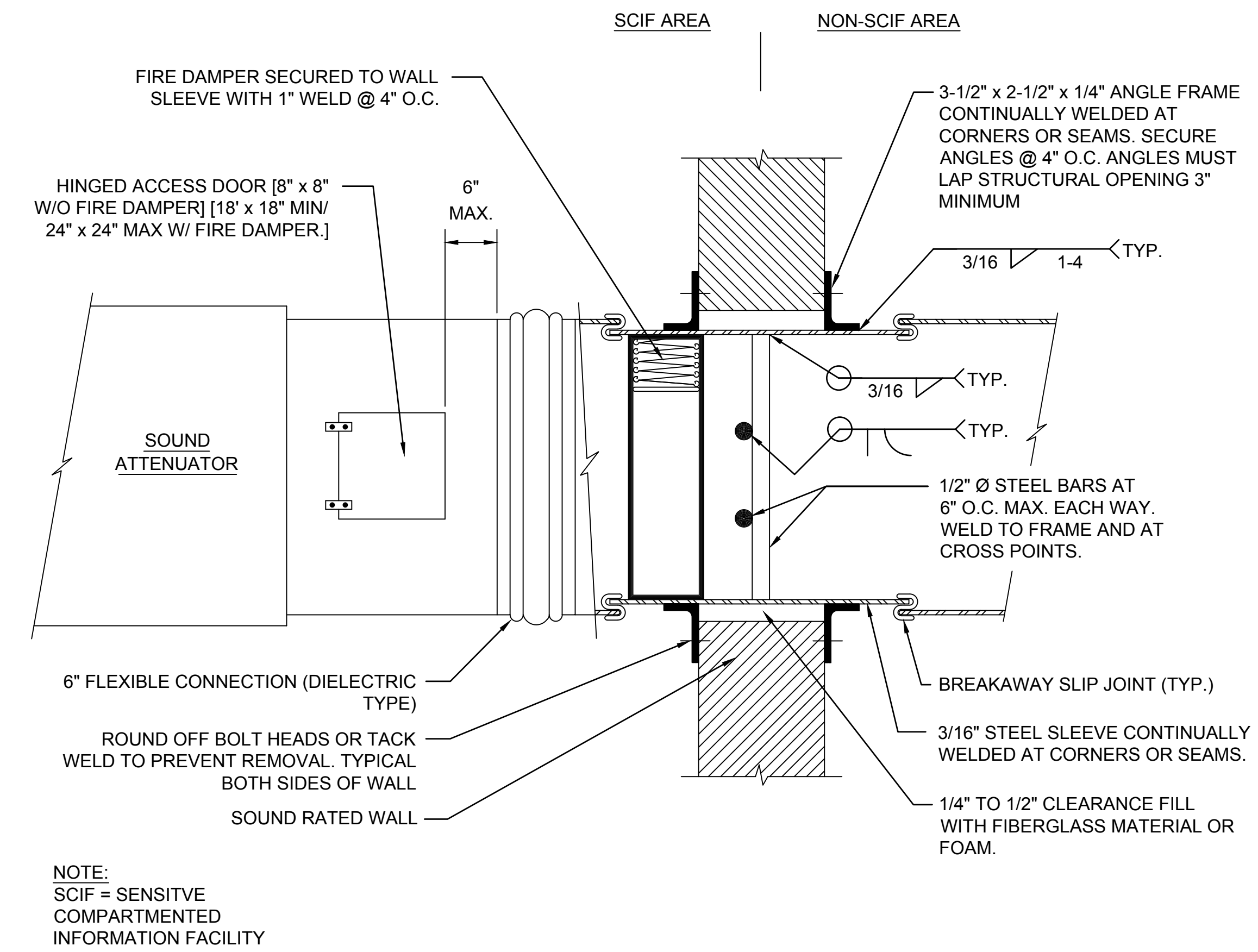


D  
C  
B  
A

**GENERAL NOTES:**

1. ANCHORAGE TO CONCRETE WALL OR SOLID BRICK, USE HILTI KWIK BOLT II EXPANSION ANCHORS 3/8" Ø (MIN.)
2. ANCHORAGE TO HOLLOW CONCRETE BLOCK, USE HILTI TOGGLE BOLT (CARBON STEEL) 1/2" Ø (MIN.)
3. ANCHORAGE TO METAL STUDS AND GYP. BOARD WALLS, USE CARBON STEEL THROUGH BOLT, 3/8" Ø (MIN.)
4. PROVIDE CARBON STEEL STRUCTURAL STEEL ANGLES, BARS & SHEET PER ASTM A36.
5. WELD PER AWS D1.1, STRUCTURAL STEEL.



NOTE:  
SCIF = SENSITIVE  
COMPARTMENTED  
INFORMATION FACILITY

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).

**SCIF AREA DUCT INSTALLATION DETAIL**  
SCALE: NONE

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

1. FIRE DAMPER REQUIRED WHEN PENETRATING A 2 HOURS OR GREATER RATED BARRIER.
2. CONTACT LANL SECURITY FOR ADDITIONAL SCIF REQUIREMENTS.
3. SEE SHEET 1 FOR ADDITIONAL NOTES.

NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
2	07-06-2017	UNCLASS	TO	ADMIN. CHANGES TO CAD STD. REV#5 FORMAT	JB	AJ	ML	ML	TO
1	09-16-2004	U	LB	GENERAL REVISION	RP	KM	MN	CD	TO

<b>ENGINEERING STANDARDS</b>									
<b>MECHANICAL</b>					DRAWN		R. PEARSON		
<b>SCIF AREA DUCT INSTALLATION DETAIL</b>					DESIGN		B. BEHRENDIS		
					CHECKED		R. TROUT		
TA- XX					BLDG- XX		DATE		03-10-04
SUBMITTED					APPROVED FOR RELEASE				
DISCIPLINE POC: CHARLES DUPRE					STANDARDS MANAGER: TOBIN ORUCH				
					SHEET		<b>2</b>		
<b>Los Alamos NATIONAL LABORATORY</b>					PO Box 1663 Los Alamos, New Mexico 87545				
D.C.: U					REVIEWER: LARRY BAYS		DATE: 03-10-04		
PROJECT ID					DRAWING NO		REV		<b>2</b>
<b>CHAPTER 6</b>					<b>ST-D3040-6</b>				

00% REVIEW  
NOT FOR CONSTRUCTION