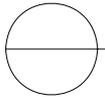


**GENERAL NOTES:**

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

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).

NOTE:  
SCIF = SENSITIVE  
COMPARTMENTED  
INFORMATION FACILITY



**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 GROUPS SEC-PPS1 & PPS2 & FOR ADDITIONAL SCIF REQUIREMENTS.
3. SEE SHEET 1 FOR ADDITIONAL NOTES.

1	9-16-04	U	GENERAL REVISION:	RP	KM	MIN	CD	TO	
NO	DATE	CLASS REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB APP	
<b>ENGINEERING STANDARDS PROGRAM</b>									
ENGINEERING STANDARDS MANUAL				DRAWN	R.PEARSON				
				DESIGN	B.BEHRENDIS				
SCIF AREA DUCT INSTALLATION DETAIL				CHECKED	R.TROUT				
BLDG X				TA-X	DATE		3-10-04		
SUBMITTED				APPROVED FOR RELEASE					
DISCIPLINE POC: CHARLES DUPRE				STANDARDS MANAGER: TOBIN ORUCH					
				SHEET		2			
				2		OF 2			
CLASSIFICATION: U				REVIEWER: LARRY BAYS		DATE:			
PROJECT ID				DRAWING NO		REV			
CHAPTER 6				ST-D3040-6					
						1			

C:\LANL\_Eng\Drawings\Eng\_Misc\Drawings\ST-D3040-0007.dwg, 10/01/04 @ 09:16, 003098