

PIT INSTALLATION INSTRUCTIONS

Note #1: WE RECOMMEND THAT A CONTRACTOR PERFORM THE INSTALLATION PROCESS.
 Note #2: THE CONCRETE USED MUST BE A MINIMUM OF 3000 PSI.
 Note #3: USE THE ATTACHED INSTALLATION DRAWING FOR APPROPRIATE DIMENSIONS.

DIRECTIONS:

1. SELECT THE LOCATION THAT THE PIT WILL BE INSTALLED.
2. LAYOUT THE PIT FRAME OPENING BY MARKING DIMENSIONS "Lo" AND "Wo" ON THE EXISTING FLOOR. THE LINES FORMED WILL BE USED TO CUT THE OPENING IN THE FLOOR; THEREFORE THE LINES MUST BE PERFECTLY SQUARE.
3. USING A CONCRETE SAW, CUT ALONG THE LINES ON THE CONCRETE AND REMOVE THE FLOORING, STONES, DIRT, ETC UNTIL THE MINIMUM "D" DIMENSION IS MET.
4. POSITION THE PIT FRAME INTO THE PIT OPENING. MAKE SURE THAT THE TOP OF THE ANGLE IRON (PIT FRAME) IS FLUSH WITH THE TOP OF THE EXISTING FLOOR.

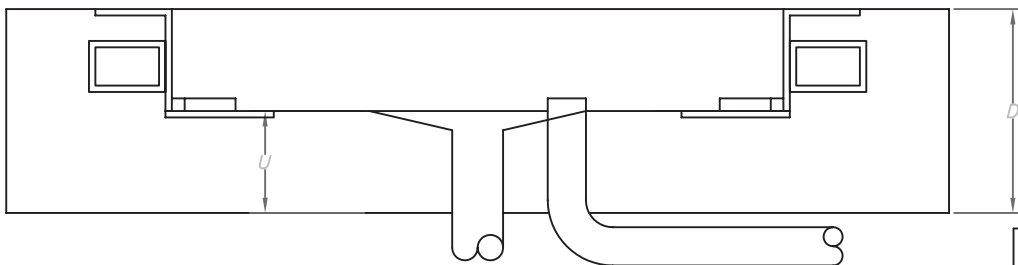
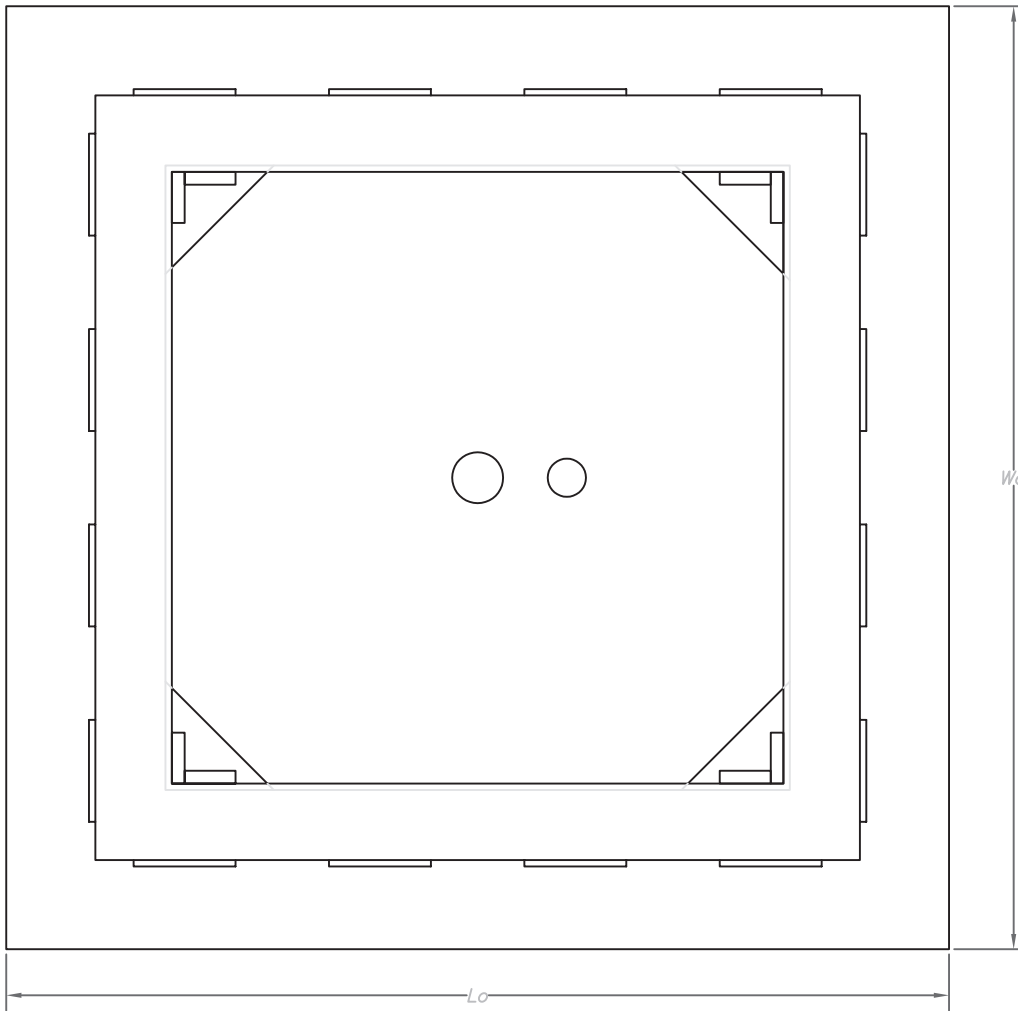
NOTE: STEP 4 CAN BE ACCOMPLISHED BY STRADDLING 4 PIECES OF CHANNEL, ANGLE, OR TUBING (1 PIECE ON EACH END AND 2 PIECES IN THE CENTER) ACROSS THE ENTIRE SPAN OF THE PIT OPENING. NEXT, USE CLAMPS TO SECURE THE FRAME UNDER THE STRADDLING PIECES OF CHANNEL, ANGLE, OR TUBING. THE PIT FRAME MUST BE SUSPENDED FLUSH WITH THE EXISTING FLOOR. STRADDLING PIECES SHOULD BE WEIGHTED SO THAT WHEN THE CONCRETE IS POURED, IT DOES NOT PUSH THE FRAME ABOVE THE LEVEL OF THE EXISTING FLOOR.

*** BEFORE CONTINUING, BE CERTAIN THAT THE FRAMEWORK IS AS LEVEL AND SQUARE AS POSSIBLE. ***

NOTE: SLOPING THE FLOOR (SEE DRAWING) IS ONLY NECESSARY IF A DRAIN IS REQUIRED FOR THE APPLICATION.

5. DETERMINE THE LOCATION OF THE INDICATOR. CUT A TROUGH INTO THE CONCRETE FROM UNDER THE FRAME TO THE POINT OF THE INDICATOR. RUN THE CONDUIT FROM THE DESIRED INDICATOR LOCATION TO UNDER THE PIT FRAME, AND STOP IT APPROXIMATELY 1/2 INCH ABOVE THE LEVEL OF THE LEVELING FOOT LOCATOR PADS.
 NOTE: CONDUIT MUST BE A MINIMUM OF 1 INCH, BUT THE CONDUIT MUST BE LARGE ENOUGH TO FIT THE 9-PIN CONNECTOR AT THE END OF THE INDICATOR CABLE, THEREFORE IT MAY NEED TO BE APPROXIMATELY 1 1/2" TO 2".
6. POUR CONCRETE INTO THE FLOOR OF THE PIT OPENING UNTIL THE CONCRETE IS FLUSH WITH THE LEVELING FEET LOCATOR PADS. LET THE CONCRETE HARDEN TO THE POINT THAT WHEN THE WALLS ARE POURED IT DOES NOT PUSH THE EXISTING CONCRETE INTO THE BOTTOM OF THE PIT FRAME. THE CONCRETE CANNOT RISE IN THE MIDDLE BECAUSE IT WILL TOUCH THE BOTTOM OF THE SCALE WHEN IT IS INSTALLED.

MUST BE SUSPENDED FLUSH WITH THE EXISTING FLOOR. STRADDLING PIECES SHOULD BE WEIGHTED SO THAT WHEN THE CONCRETE IS POURED, IT DOES NOT PUSH THE FRAME ABOVE THE LEVEL OF THE EXISTING FLOOR.



PART NUMBER	CAPACITY	DIMENSIONS			
		Lo	Wo	U	D
24 x 24 x 3	1-5K	39"	39"	4"	8"
30 x 30 x 3	1-5K	45"	45"	4"	8"
36 x 36 x 3	1-5K	51"	51"	4"	8"
48 x 48 x 3	1-10K	63"	63"	5"	9"
48 x 60 x 3	5-10K	63"	75"	5"	9"
48 x 72 x 3	5-10K	63"	87"	5"	9"
60 x 60 x 3	5-10K	75"	75"	5"	9"
60 x 60 x 4	20K	75"	75"	6"	11"
60 x 84 x 4	10-20K	75"	99"	6"	11"

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES

CAS	ITEM	QTY	PART NO	DESCRIPTION	JOB NO
	DRAWN				PART NO
	FILE NO				REVISION NO
	DECIMAL	X = ±.05 XX = ±.01 XXX = ±.005		MODEL: HFS-SS Pit Frame Installation (ON-BOARD JUNCTION BOX)	SCALE N/A DATE 2/21/13
	ANGULAR	± 1°			DRAWING NO
	SURFACE FINISH	✓			
	BREAK SHARP EDGES	.010--.020			