

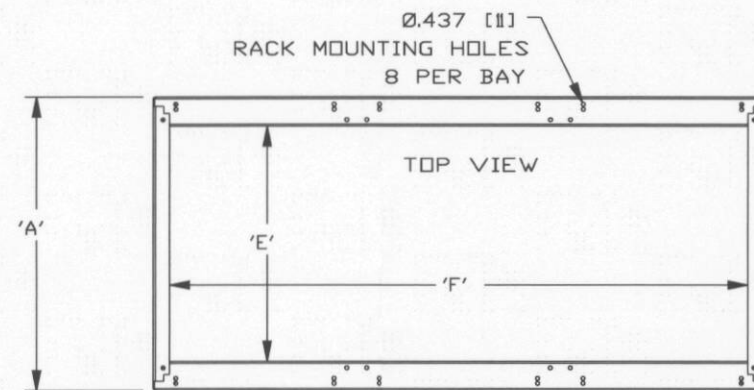
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NOTE:

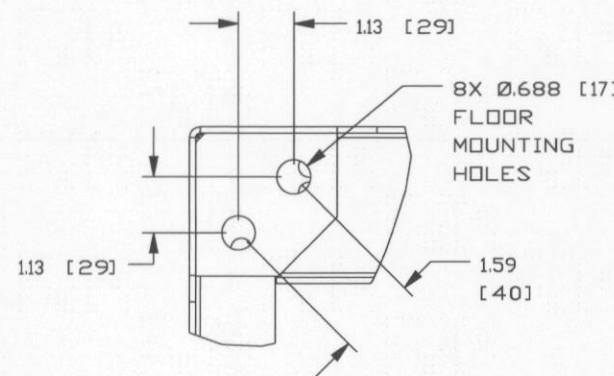
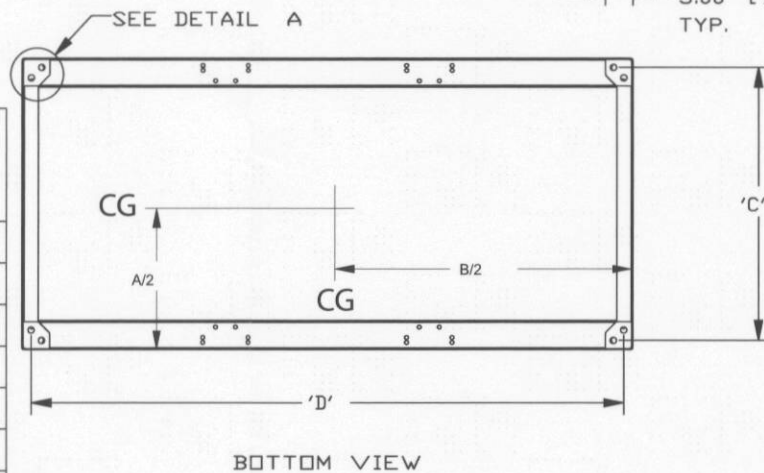
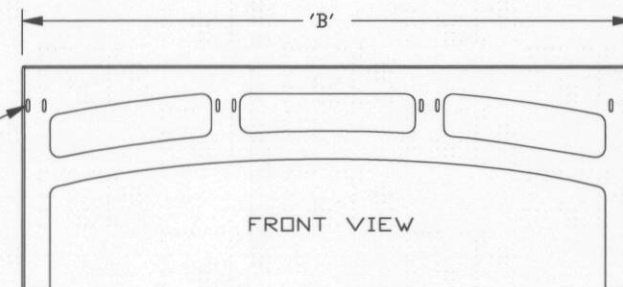
1. Z-4 MOUNTING BRACKETS REQUIRED.
MRK-Z4
VRK-Z4
2. SEE PAGE 2 FOR ALL APPLICABLE
OSHDP NOTES.



PART NUMBER	'A' DEPTH	'B' WIDTH	'C' DEPTH MTNG HOLE C TO C	'D' WIDTH MTNG HOLE C TO C	'E' OPENING DEPTH	'F' OPENING WIDTH
SRB-1-MRK-2424	24.00 (610)	22.00 (559)	22.00 (559)	20.00 (508)	17.70 (450)	18.5 (470)
SRB-2-MRK-2424	24.00 (610)	44.03 (1118)	22.00 (559)	42.03 (1068)	17.70 (450)	40.53 (1029)
SRB-3-MRK-2424	24.00 (610)	66.06 (1678)	22.00 (559)	64.06 (1627)	17.70 (450)	62.56 (1589)
SRB-1-MRK-3124	31.40 (798)	22.00 (559)	29.40 (747)	20.00 (508)	25.10 (638)	18.5 (470)
SRB-2-MRK-3124	31.40 (798)	44.03 (1118)	29.40 (747)	42.03 (1068)	25.10 (638)	40.53 (1029)
SRB-3-MRK-3124	31.40 (798)	66.06 (1678)	29.40 (747)	64.06 (1627)	25.10 (638)	62.56 (1589)
SRB-1-MRK-3624	36.00 (914)	22.00 (559)	34.00 (864)	20.00 (508)	29.70 (754)	18.5 (470)
SRB-2-MRK-3624	36.00 (914)	44.03 (1118)	34.00 (864)	42.03 (1068)	29.70 (754)	40.53 (1029)
SRB-3-MRK-3624	36.00 (914)	66.06 (1678)	34.00 (864)	64.06 (1627)	29.70 (754)	62.56 (1589)
SRB-1-MRK-4224	42.00 (1067)	22.00 (559)	40.00 (1016)	20.00 (508)	35.70 (907)	18.5 (470)
SRB-2-MRK-4224	42.00 (1067)	44.03 (1118)	40.00 (1016)	42.03 (1068)	35.70 (907)	40.53 (1029)
SRB-3-MRK-4224	42.00 (1067)	66.06 (1678)	40.00 (1016)	64.06 (1627)	35.70 (907)	62.56 (1589)
SRB-1-MRK-4824	48.00 (1219)	22.00 (559)	46.00 (1168)	20.00 (508)	41.70 (1059)	18.5 (470)
SRB-2-MRK-4824	48.00 (1219)	44.03 (1118)	46.00 (1168)	42.03 (1068)	41.70 (1059)	40.53 (1029)
SRB-3-MRK-4824	48.00 (1219)	66.06 (1678)	46.00 (1168)	64.06 (1627)	41.70 (1059)	62.56 (1589)
SRB-1-DRK-3624	36.00 (914)	30.00 (762)	34.00 (864)	28.00 (711)	29.70 (754)	26.50 (673)
SRB-2-DRK-3624	36.00 (914)	60.03 (1525)	34.00 (864)	58.03 (1474)	29.70 (754)	56.53 (1436)
SRB-1-DRK-4224	42.00 (1067)	30.00 (762)	40.00 (1016)	28.00 (711)	35.70 (907)	26.50 (673)
SRB-2-DRK-4224	42.00 (1067)	60.03 (1525)	40.00 (1016)	58.03 (1474)	35.70 (907)	56.53 (1436)
SRB-1-DRK-4824	48.00 (1219)	30.00 (762)	46.00 (1168)	28.00 (711)	41.70 (1059)	26.50 (673)
SRB-2-DRK-4824	48.00 (1219)	60.03 (1525)	46.00 (1168)	58.03 (1474)	41.70 (1059)	56.53 (1436)

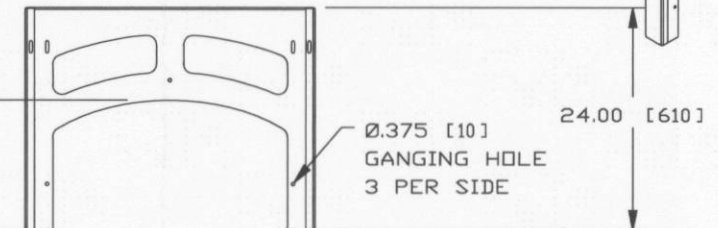
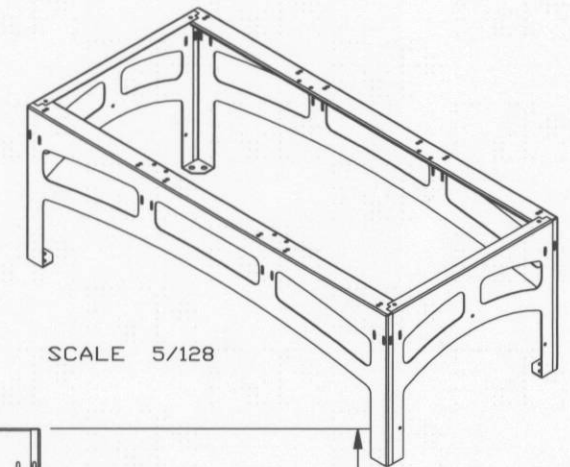


Ø .34 [9] X 1.34 [34] DB
FOR MOUNTING ANGLE KITS

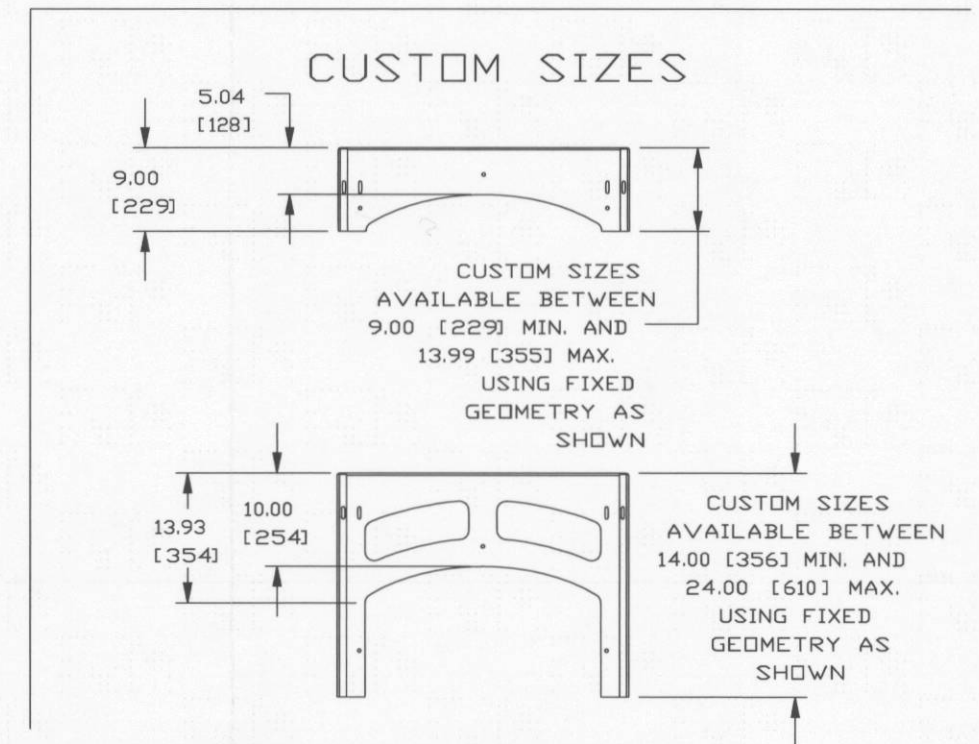


DETAIL A
MOUNTING FOOT DETAIL
SCALE 1/4

REV	DESCRIPTION	REV BY	REV DATE	APP'D BY	DATE APP.
-	PRODUCTION RELEASE		//////	JJP	10/18/04
A	SEE EC-030305-03	NC	03/03/05	JJP	03/03/05
B	SEE EC-061605-01	NC	06/16/05	JJP	06/16/05



SIDE VIEW



USED ON: SRB-3-MRK-3124	APPROVALS MODELED NC DRAWN NC	DATE 10/06/04 10/06/04		
NEXT ASSY: SRB-3-MRK-3124	CIRCLED DIMENSIONS ARE CRITICAL INSPECTION DIMENSIONS UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMAL: 2 PLC ±.03 3 PLC ±.010 FRACTIONS: ±1/32 ANGLES: ±1° SCALE = 3/64 SHEET 1 OF 1			
MATERIAL: SEE COMPONENTS			TITLE SEISMIC RISER BASE	
FINISH: --			PART NO. SRB-3-MRK-3124_96-01027	PART REV --
			SIZE B	DXF NO. --
			DWG NO. 96-01027_SRB_SERIES_RISER_BASES_1	DWG REV B

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GENERAL

1. THE WORK SHOWN ON THESE DRAWINGS IS FOR THE SEISMIC ANCHORAGE OF THE SUBJECT RACK ENCLOSURES. MAXIMUM CONTENT CAPACITIES FOR VARIOUS HEIGHTS WITHIN THE BUILDING ARE PROVIDED.
2. THE WORK SHOWN HAS BEEN PRE-APPROVED BY OSHPD UNDER NUMBER OPA-2184.
3. ANCHORAGE DESIGN HAS BEEN DONE IN ACCORDANCE WITH THE 2007 EDITION OF THE CALIFORNIA BUILDING CODE, VOLUME 2A. USING THE FOLLOWING PARAMETERS:
- $I_p = 1.5$ (ESSENTIAL FACILITY INSTALLATIONS)
 $S_{MS} = F_{AS} = 2.85G$ (SITE CLASS D)
 $S_{DS} = 2/3 * S_{MS} = 1.90G$
 $A_p = 1.0$ AND $R_p = 1.5$ (ASCE TABLE 13.6-1)
 $Z, H =$ VARIES

LATERAL FORCE, $F_{P,H} = (0.4 A_p S_{DS} I_p W_p) / R_p(1 + 2 Z/H)$
VERTICAL FORCE, $F_{P,V} = 0.2 S_{DS} W_p$

INSTALLATION NOTES

1. THE MAXIMUM SEISMIC CONTENT CAPACITY OF THE RACK ENCLOSURE IS PROVIDED IN THE CAPACITY TABLE PROVIDED ON THESE DRAWINGS. THE STRUCTURAL ENGINEER-OF-RECORD (SEOR) SHALL VERIFY THAT THE WEIGHT OF RACK ENCLOSURE CONTENTS DOES NOT EXCEED THE APPROVED CAPACITY FOR THE LOCATION OF INSTALLATION.
2. THE SEOR SHALL VERIFY THAT THE EXISTING STRUCTURE IS ADEQUATE TO SUPPORT THE LOADS AND REACTIONS IMPOSED BY THE ANCHORED RACK ENCLOSURE IN ADDITION TO ALL OTHER LOADS AND FORCES.
3. RACK ENCLOSURES MAY BE ANCHORED TO EITHER A LIGHT- OR NORMAL-WEIGHT, REINFORCED CONCRETE FLOOR OR SLAB WITH A MINIMUM CONCRETE COMPRESSIVE STRENGTH ($F'c$) OF 3,000 PSI.
4. REINFORCED CONCRETE FLOOR SLABS SHALL HAVE A MINIMUM THICKNESS BASED ON THE ANCHOR TYPE AS NOTED BELOW:
- HILTI HDA-P UNDERCUT ANCHORS OF 0.47" DIA - MINIMUM SLAB THICKNESS OF 7-1/2"
- HILTI KWIK BOLT TZ EXPANSION ANCHORS OF 0.50" - MINIMUM SLAB THICKNESS OF 6"
5. DOCUMENTATION VERIFYING CONCRETE COMPOSITION, STRENGTH, AND THICKNESS SHALL BE SUBMITTED TO THE ENFORCEMENT AGENCY.
6. INSTALLATION OF THE RACK ENCLOSURES IS LIMITED TO INTERIOR OR ENVIRONMENTALLY PROTECTED LOCATIONS.

RACK ENCLOSURE CAPACITY TABLES

MAXIMUM CONTENT CAPACITY (POUNDS) (1),(2),(3)
HILTI HDA-P ANCHORS IN NORMAL-WEIGHT CONCRETE

RACK ENCLOSURE	RISER EMPTY WEIGHT	LOCATION IN BUILDING (Z/H)		
		GROUND	1/3	2/3 ROOF
SRB-1-MRK-24XX	30	1000	1000	1000 1000
SRB-2-MRK-24XX	36	1500	1500	1500 1500
SRB-3-MRK-24XX	50	2250	2250	2250 1900
SRB-1-MRK-31XX	33	1000	1000	1000 1000
SRB-2-MRK-31XX	45	1500	1500	1500 1500
SRB-3-MRK-31XX	50	2250	2250	2250 2250
SRB-1-MRK-36XX	45	1000	1000	1000 1000
SRB-2-MRK-36XX	53	1500	1500	1500 1500
SRB-3-MRK-36XX	55	2250	2250	2250 2250
SRB-1-MRK-42XX	45	1000	1000	1000 1000
SRB-2-MRK-42XX	53	1500	1500	1500 1500
SRB-3-MRK-42XX	55	2250	2250	2250 2250
SRB-1-MRK-48XX	45	1000	1000	1000 1000
SRB-2-MRK-48XX	53	1500	2000	2000 2000
SRB-3-MRK-48XX	55	2250	2250	2250 2250
SRB-1-DRK-36XX	50	1000	1000	1000 1000
SRB-2-DRK-36XX	55	1500	1500	1500 1500
SRB-1-DRK-42XX	50	1000	1000	1000 1000
SRB-2-DRK-42XX	55	1500	1500	1500 1500
SRB-1-DRK-48XX	53	1000	1000	1000 1000
SRB-2-DRK-48XX	55	1500	1500	1500 1500

MAXIMUM CONTENT CAPACITY (POUNDS) (1),(2),(3)
HILTI HDA-P ANCHORS IN LIGHT-WEIGHT CONCRETE

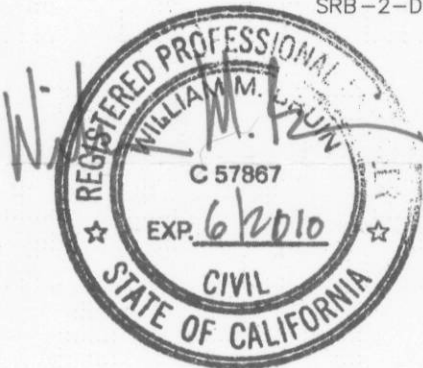
RACK ENCLOSURE	RISER EMPTY WEIGHT	LOCATION IN BUILDING (Z/H)		
		GROUND	1/3	2/3 ROOF
SRB-1-MRK-24XX	30	1000	1000	1000 925
SRB-2-MRK-24XX	36	1500	1500	1425 1100
SRB-3-MRK-24XX	50	2250	2125	1475 1125
SRB-1-MRK-31XX	33	1000	1000	1000 975
SRB-2-MRK-31XX	45	1500	1500	1500 1300
SRB-3-MRK-31XX	50	2250	2250	1800 1375
SRB-1-MRK-36XX	45	1000	1000	1000 975
SRB-2-MRK-36XX	53	1500	1500	1500 1400
SRB-3-MRK-36XX	55	2250	2250	1975 1500
SRB-1-MRK-42XX	45	1000	1000	1000 1000
SRB-2-MRK-42XX	53	1500	1500	1500 1500
SRB-3-MRK-42XX	55	2250	2250	2150 1650
SRB-1-MRK-48XX	45	1000	1000	1000 1000
SRB-2-MRK-48XX	53	1500	2000	2000 1625
SRB-3-MRK-48XX	55	2250	2250	2250 1775
SRB-1-DRK-36XX	50	1000	1000	1000 1000
SRB-2-DRK-36XX	55	1500	1500	1500 1450
SRB-1-DRK-42XX	50	1000	1000	1000 1000
SRB-2-DRK-42XX	55	1500	1500	1500 1500
SRB-1-DRK-48XX	53	1000	1000	1000 1000
SRB-2-DRK-48XX	55	1500	1500	1500 1500

MAXIMUM CONTENT CAPACITY (POUNDS) (1),(2),(3)
HILTI KWIK BOLT TZ ANCHORS IN NORMAL-WEIGHT CONCRETE

RACK ENCLOSURE	RISER EMPTY WEIGHT	LOCATION IN BUILDING (Z/H)		
		GROUND	1/3	2/3 ROOF
SRB-1-MRK-24XX	30	1000	1000	1000 875
SRB-2-MRK-24XX	36	1500	1500	1400 1050
SRB-3-MRK-24XX	50	2250	2100	1450 1100
SRB-1-MRK-31XX	33	1000	1000	1000 925
SRB-2-MRK-31XX	45	1500	1500	1500 1150
SRB-3-MRK-31XX	50	2250	2250	1600 1200
SRB-1-MRK-36XX	45	1000	1000	1000 925
SRB-2-MRK-36XX	53	1500	1500	1500 1275
SRB-3-MRK-36XX	55	2250	2250	1775 1350
SRB-1-MRK-42XX	45	1000	1000	1000 950
SRB-2-MRK-42XX	53	1500	1500	1500 1425
SRB-3-MRK-42XX	55	2250	2250	2025 1500
SRB-1-MRK-48XX	45	1000	1000	1000 975
SRB-2-MRK-48XX	53	1500	2000	1950 1500
SRB-3-MRK-48XX	55	2250	2250	2200 1700
SRB-1-DRK-36XX	50	1000	1000	1000 1000
SRB-2-DRK-36XX	55	1500	1500	1500 1325
SRB-1-DRK-42XX	50	1000	1000	1000 1000
SRB-2-DRK-42XX	55	1500	1500	1500 1500
SRB-1-DRK-48XX	53	1000	1000	1000 1000
SRB-2-DRK-48XX	55	1500	1500	1500 1500

MAXIMUM CONTENT CAPACITY (POUNDS) (1),(2),(3)
HILTI KWIK BOLT TZ ANCHORS IN LIGHT-WEIGHT CONCRETE

RACK ENCLOSURE	RISER EMPTY WEIGHT	LOCATION IN BUILDING (Z/H)		
		GROUND	1/3	2/3 ROOF
SRB-1-MRK-24XX	30	1000	975	675 500
SRB-2-MRK-24XX	36	1500	1200	800 600
SRB-3-MRK-24XX	50	1800	1250	850 650
SRB-1-MRK-31XX	33	1000	1000	700 525
SRB-2-MRK-31XX	45	1500	1300	875 675
SRB-3-MRK-31XX	50	2150	1350	925 700
SRB-1-MRK-36XX	45	1000	1000	700 525
SRB-2-MRK-36XX	53	1500	1450	950 725
SRB-3-MRK-36XX	55	2250	1525	1050 775
SRB-1-MRK-42XX	45	1000	1000	725 550
SRB-2-MRK-42XX	53	1500	1500	1100 825
SRB-3-MRK-42XX	55	2250	1750	1175 900
SRB-1-MRK-48XX	45	1000	1000	750 575
SRB-2-MRK-48XX	53	1500	1725	1150 850
SRB-3-MRK-48XX	55	2250	1950	1300 950
SRB-1-DRK-36XX	50	1000	1000	875 650
SRB-2-DRK-36XX	55	1500	1500	1025 775
SRB-1-DRK-42XX	50	1000	1000	875 650
SRB-2-DRK-42XX	55	1500	1500	1150 850
SRB-1-DRK-48XX	53	1000	1000	875 650
SRB-2-DRK-48XX	55	1500	1500	1300 950



USED ON: SRB-3-MRK-3124	APPROVALS		DATE			
	MODELED	NC	10/06/04			
	DRAWN	NC	10/06/04			
NEXT ASSY: SRB-3-MRK-3124	CIRCLED DIMENSIONS ARE CRITICAL INSPECTION DIMENSIONS				TITLE SEISMIC RISER BASE --	
	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES					
	TOLERANCES ARE: DECIMAL: 2 PLC ±.03 3 PLC ±.010					
MATERIAL: SEE COMPONENTS	FRACTIONS: ±1/32				PART NO. SRB-3-MRK-3124_96-01027	
	ANGLES: ±1°				PART REV -	
	SCALE = 3/64				SIZE B DXF NO. --	
FINISH: --	SHEET 2 OF 3				DWG NO. 96-01027_SRB_SERIES_RISER_BASES_2	
					DWG REV B	

DEF-00111 REV A 10/16/06

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TABLE FOOTNOTES:

- (1) INCLUDES ALL DRK & MRK SERIES RISER BASES
WITH A HEIGHT BETWEEN 9 AND 24 INCHES.
- (2) CONTENT CAPACITY INCLUDES WEIGHT OF THE RACK
ENCLOSURES AND THE WEIGHT OF ALL LOADED
CONTENTS SUPPORTED ON THE RISER BASE.
- (3) THE SUPPORTED RACK ENCLOSURE CONTENTS SHALL
BE DISTRIBUTED WITHIN THE ENCLOSURE SUCH THAT
50% OF THE TOTAL WEIGHT IS LOCATED WITHIN THE
BOTTOM THIRD OF THE RACK ENCLOSURE HEIGHT,
25% IN THE MIDDLE THIRD, AND 25% IN THE TOP
THIRD.

CONCRETE ANCHOR NOTES

1. CONCRETE ANCHORS SHALL BE ONE OF THE
FOLLOWING TWO TYPES MANUFACTURED BY HILTI, INC.
OF CARBON STEEL WITH DIAMETER, EMBEDMENT, AND
SPACING AS SHOWN ON THE DRAWINGS.
- HILTI HDA-P (PRESET CONFIGURATION) UNDERCUT
ANCHORS (ICC ESR 1546)
- HILTI KWK BOLT TZ (KB-TZ) EXPANSION ANCHORS
(ICC ESR 1917)
2. THE DISTANCE FROM THE ANCHOR TO THE EDGE OF
CONCRETE SLAB SHALL BE GREATER THAN OR EQUAL
TO THE LARGER OF:
- 1.5 TIMES THE ANCHOR EMBEDMENT DEPTH OR
- 10 TIMES THE NOMINAL ANCHOR DIAMETER
3. LOCATE ALL EXISTING REINFORCING BARS WITHIN 12
INCHES OF PROPOSED ANCHOR LOCATIONS PRIOR TO
DRILLING FOR CONCRETE ANCHORS. DO NOT CUT,
CORE, OR DRILL THROUGH EXISTING REINFORCING
BARS WITHOUT PRIOR APPROVAL FROM THE SEOR.
4. ALL CONCRETE ANCHORS SHALL BE INSTALLED WITH
PROPER TOOLS AND PROCEDURES IN STRICT
ACCORDANCE WITH MANUFACTURER'S
RECOMMENDATIONS AND ICC EVALUATION SERVICE
REPORTS REFERENCED ABOVE.
5. TENSION TESTING SHALL OCCUR 24 HOURS OR MORE
AFTER INSTALLATION OF THE CONCRETE ANCHORS.
6. APPLY TENSION TEST LOADS TO THE CONCRETE
ANCHORS WITHOUT REMOVING THE NUT. IF NUT
REMOVAL IS REQUIRED, REMOVE THE NUT AND INSTALL
A THREADED COUPLER TO THE SAME TORQUE AS THE
ORIGINAL NUT USING A TORQUE WRENCH AND THEN
APPLY THE TEST LOAD.
7. REACTION LOADS FROM TEST FIXTURES MAY BE
APPLIED IN CLOSE PROXIMITY TO THE ANCHOR BEING
TESTED PROVIDED THE ANCHOR IS NOT RESTRAINED
FROM WITHDRAWING BY THE FIXTURES.
8. TEST EQUIPMENT SHALL BE CALIBRATED BY AN
APPROVED TESTING LABORATORY IN ACCORDANCE WITH
STANDARD RECOGNIZED PROCEDURES.
9. ONE HALF (50%) OF EACH APPLICATION OF
CONCRETE ANCHORS SHALL BE TESTED IN TENSION
FOR 3 MINUTES ACCORDING TO THE TEST LOADS
SHOWN BELOW. ONE APPLICATION OF ANCHORS
SHALL BE DEFINED AS THOSE ANCHORS INSTALLED BY
A SINGLE CREW IN A SINGLE DAY. IF ANY ANCHOR
FAILS, IT SHALL BE REPLACED, RE-TESTED, AND ALL
ANCHORS IN THE SAME APPLICATION SHALL BE
TESTED. IF ANY ANCHOR FAILS, ALL PREVIOUSLY
UNTESTED ANCHORS INSTALLED BY THAT CREW SHALL
BE TESTED UNTIL TWENTY (20) CONSECUTIVE
ANCHORS PASS, THEN RESUME 50% TESTING.

CONCRETE ANCHORS TEST LOADS FOR NORMAL-
WEIGHT CONCRETE

ANCHOR TYPE	ANCHOR DIAMETER (INCHES)	MINIMUM EMBEDMENT (INCHES)	TENSION TEST LOAD (LBS)
HDA-P	0.47	5	8574
KB-TZ	1/2	3 1/4	3750

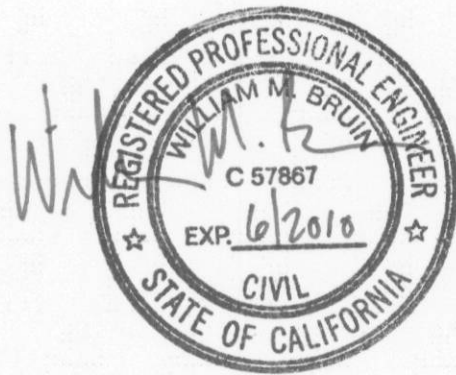
*WHEN USED IN LIGHT-WEIGHT CONCRETE, ANCHOR
TEST LOADS ARE MULTIPLIED BY 0.60.

*TEST LOADS ARE BASED ON OSHPD 'CODE
APPLICATION NOTICE' 2-1916A.8 METHOD 2; 2 TIMES
THE MAXIMUM ALLOWABLE TENSION LOAD BUT NOT TO
EXCEED 80% OF NOMINAL ANCHOR YIELD STRENGTH.

10. TENSION TESTING OF THE CONCRETE ANCHORS SHALL
BE DONE IN THE PRESENCE OF THE INSPECTOR-OF-
RECORD AND A REPORT OF THE TEST RESULTS SHALL
BE SUBMITTED TO THE ENFORCEMENT AGENCY.
11. THE TENSION TEST OF AN ANCHOR SHALL BE
ACCEPTED IF THERE IS NO OBSERVABLE MOVEMENT
DURING THE APPLICATION OF THE TEST LOAD. A
PRACTICAL WAY TO DETECT OBSERVABLE MOVEMENT IS
WHETHER THE WASHER UNDER THE NUT BECOMES
LOOSE.

HOW TO USE THIS PRE-APPROVAL

1. THE SEOR SHALL DETERMINE THE FOLLOWING:
- A. THE MODEL NUMBER OF THE UNIT TO BE USED.
- B. THE ELEVATION OF THE ROOF, H.
- C. THE ELEVATION OF THE FLOOR WHERE THE UNIT
WILL BE INSTALLED ON, Z.
2. THE SEOR SHALL THEN DETERMINE THE RATIO OF Z/H
AND CONSULT THE APPLICABLE TABLE TO DETERMINE
THE MAXIMUM WEIGHT OF THE CONTENTS THAT CAN
BE STORED ON THE RACK.
3. SEOR SHALL VERIFY THAT A PLACARD IS PLACED ON
THE RACK STATING THE FOLLOWING:
- A. UNIT MODEL NUMBER.
- B. NAME OF THE BUILDING IN WHICH IT WILL BE
INSTALLED.
- C. HIGHEST FLOOR WHERE IT CAN BE USED.
- D. MAXIMUM WEIGHT OF THE CONTENTS THAT CAN BE
STORED ON THE RACK.
- E. A PROMINENT WARNING TO STORE THE HEAVIEST
ITEMS ON THE LOWER LEVELS OF THE RACK.
4. SEOR SHALL VERIFY THAT THE CONCRETE FLOOR
MEETS THE REQUIREMENTS OF THIS PRE-APPROVAL.
5. SEOR SHALL VERIFY THAT THE EXISTING STRUCTURE IS
ADEQUATE TO SUPPORT THE LOADS AND FORCES
IMPOSED ON IT BY THIS UNIT IN ADDITION TO ALL
OTHER LOADS AND FORCES.



USED ON: SRB-3-MRK-3124	APPROVALS MODELED NC DRAWN NC	DATE 10/06/04 10/06/04		
NEXT ASSY: SRB-3-MRK-3124	CIRCLED DIMENSIONS ARE CRITICAL INSPECTION DIMENSIONS UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMAL: 2 PLC ±.03 3 PLC ±.010 FRACTIONS: ±1/32 ANGLES: ±1°			
MATERIAL: SEE COMPONENTS	SCALE = 3/64		TITLE SEISMIC RISER BASE --	
FINISH: --	SHEET 3 OF 3		PART NO. SRB-3-MRK-3124_96-01027	PART REV -
			SIZE B	DXF NO. --
			DWG NO. 96-01027_SRB_SERIES_RISER_BASES_3	DWG REV B

DEF-00111 REV A 10/16/06