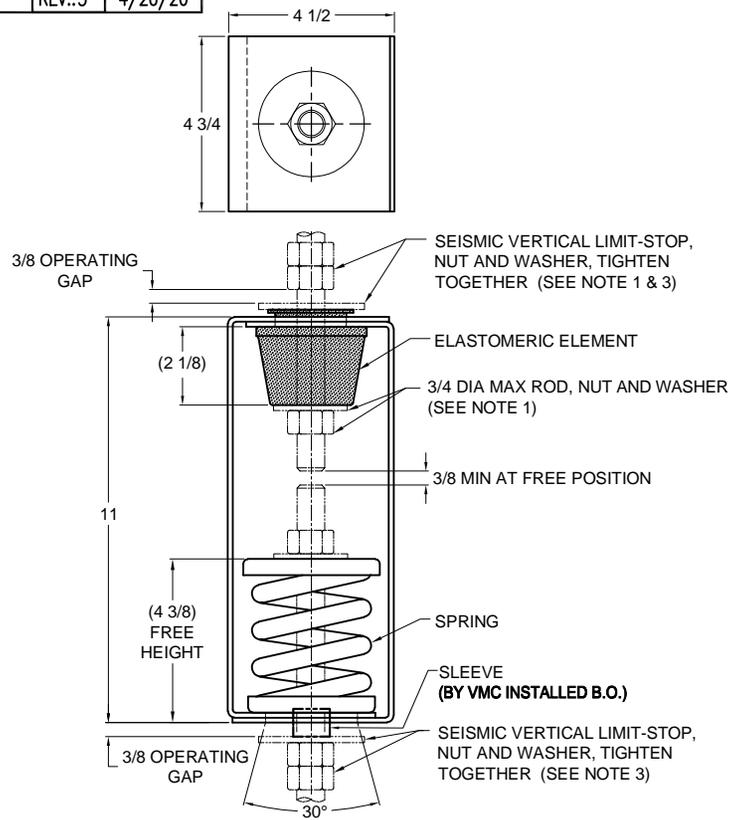
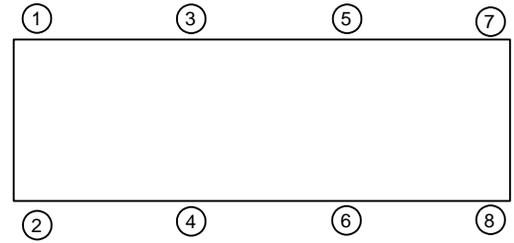


REV.	DESCRIPTION	DATE	BY



TYPE HRSA-1E PRE-COMPRESSED ELASTOMERIC & SPRING ANGULARITY HANGERS FOR 1" NOMINAL DEFLECTION					
HANGER	RATED LOAD (LBS)	DEFLECTION (IN)	SPRING RATE (LB/IN)	SPRING COLOR CODE	ELEMENT LOAD & COLOR CODE
HRSA-1E-195PR	195	2.21	100	DK BLUE	RE-C-380 BLACK
HRSA-1E-400PR	400	1.70	303	BLACK	RE-C-520 RED
HRSA-1E-650PR	650	1.44	619	RED	RE-C-840 GREEN
HRSA-1E-1000PR	1000	1.47	1000	TAN	RE-C-1070 GRAY
HRSA-1E-1400PR	1400	1.35	1400	PINK	RE-C-2000 BLUE
HRSA-1E-2000PR	2000	1.61	1802	WHITE	RE-C-2000 BLUE



- NOTES:**
- HANGER RODS, NUTS AND WASHERS, AS SHOWN, NOT BY THE VMC GROUP. INSTALL WASHER .165 THK. MIN. X 2-7/8 O.D. MIN. WITH REQUIRED INSIDE DIAMETER TO ACCOMMODATE ROD SIZE IN USE. THIS CAN BE ACCOMPLISHED BY USING A SINGLE WASHER OR BY STACKING NOT MORE THAN TWO WASHERS
 - STANDARD FINISH: HANGER BOX - PAINTED, POWDER COATED OR GALVANIZED STEEL, SPRING - POWDER COAT.
 - SEISMIC VERTICAL-STOP HARDWARE REQUIRED FOR SEISMIC APPLICATIONS .
 - ALL DIMENSIONS IN INCHES. INTERPRET PER ANSI Y14.
 - ALL DIMENSIONS ARE FOR REFERENCE, DIMENSIONS SHOWN AS NOMINAL.
 - ALL SPRINGS ARE DESIGNED WITH MINIMUM 50% OVER-TRAVEL.
 - HANGER BOXES ARE AVAILABLE PRE-COMPRESSED UP TO THEIR DESIGNATED MAX. LOAD. PERCENTAGE OF PRE-COMPRESSION TO BE DETERMINED BY ENGINEERED APPLICATION OR AS REQUESTED BY CUSTOMER. CONSULT FACTORY FOR POSSIBLE ADDITIONAL PARAMETERS AND OR LIMITATIONS.
 - HANGER BOXES WITH AN ELASTOMERIC ELEMENT HAVE UP TO AN ADDITIONAL 1/2" NOMINAL DEFLECTION.
 - DOUBLE LOWER NUT PROVIDED.
 - ROD EXTENSION BELOW LOWER NUT EXTENDS (1.5XROD DIA.) AS SHIPPED.
 - PRE-COMPRESSED 50% OF SPRING RATED DEFLECTION
 - RATED DEFLECTIONS ARE WITHIN 25% OF NOMINAL. HIGHER DEFLECTIONS ARE ALLOWED IF THEY MEET SPECIFICATIONS.

ISOLATOR SELECTIONS	
LOC 1:	LOC 2:
LOC 3:	LOC 4:
LOC 5:	LOC 6:
LOC 7:	LOC 8:
CUSTOMER EQPT. TAG:	

NOTE: MATERIAL SHOWN IS FOR (1) SET.

OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

CERTIFIED FOR:

JOB NAME: _____

CUSTOMER : _____

CUSTOMER P.O.: _____

SALES ORDER: _____

**MODEL HRSA-1E 195-2000 LBS.
PRE-COMPRESSED
ELASTOMERIC AND SPRING ANGULARITY
HANGERS
1 INCH DEFLECTION**



SCALE :	NONE	
SHEET:	1 OF 1	
DRAWING NO.:		REVISION