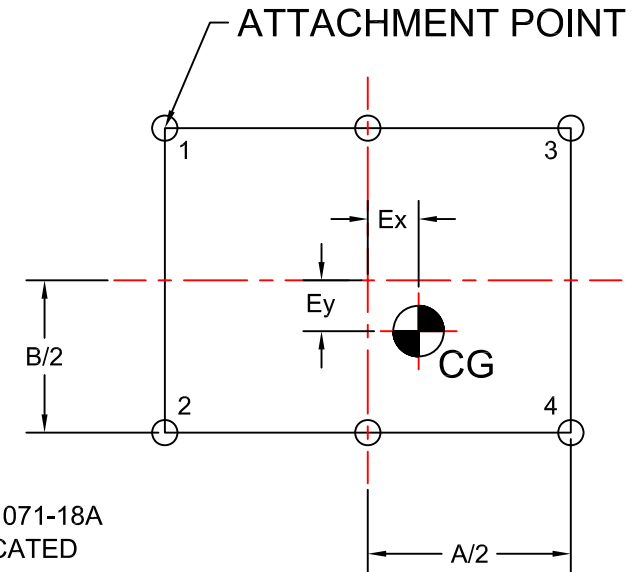


## KSCM-1 SEISMIC RESTRAINT KIT INSTALLATION INSTRUCTIONS:

- 1.) SHOWN AT THE RIGHT IS A COPY OF THE FIGURE THAT APPEARS IN THE TOP LEFT HAND QUADRANT OF THE "KINETICS SEISMIC CERTIFICATION" FOR THE PIECE OF EQUIPMENT TO BE MOUNTED. POINTS 1, 2, 3, AND 4 INDICATE THE APPROX. POSITIONS OF THE FIRST KSCM-1 KITS. THEY ARE LOCATED OFF OF THE GEOMETRIC CENTER LINES FOR THE EQUIPMENT.
- 2.) TYPICALLY (A) IS THE LOCATING DIMENSION ALONG THE LENGTH OF THE EQUIPMENT, AND (B) IS THE LOCATING DIMENSION ACROSS THE WIDTH OF THE EQUIPMENT. THESE DIMENSIONS, AS APPLIED TO THE KSCM-1 KITS ARE DEFINED IN S-88.071-18A. (A) WILL BE APPROX. EQUAL TO  $L_a$ , AND (B) WILL BE APPROX. EQUAL TO  $L_b$  AS SHOWN IN S-88.071-18A.
- 3.) THE C.G. LOCATION FOR THE EQUIPMENT IS LOCATED OFF OF THE GEOMETRIC CENTER OF THE EQUIPMENT BY ( $E_x$ ) ALONG THE LENGTH OF THE EQUIPMENT, AND ( $E_y$ ) ACROSS THE WIDTH OF THE EQUIPMENT.
- 4.) MEASURE AND MARK THE LOCATIONS OF THE KSCM-1 RESTRAINT KITS ON THE CURB USING S-88.071-18A AS A GUIDE. THERE MUST BE AT LEAST ONE KSCM-1 KIT FOR EACH SIDE OF THE CURB. WHEN LOCATED ACCORDING TO S-88.071-18A, THE KSCM-1 SEISMIC BRACKET KITS WILL ALLOW THE OPTIMUM LOAD DISTRIBUTION IN ALL SIDES OF THE CURB.
- 5.) DEPENDING ON THE CONSTRUCTION OF THE EQUIPMENT THE KSCM-1 KITS MAY BE INSTALLED BEFORE OR AFTER THE EQUIPMENT IS SET IN PLACE. SEE INS-88.071-18B FOR EXAMPLES. IN SOME CASES, ONE OF THE KSCM-1 BRACKETS MUST BE INSTALLED BEFORE THE EQUIPMENT IS SET IN PLACE. THE CONSTRUCTION OF THE EQUIPMENT MUST BE KNOWN AND STUDIED BEFORE SETTING THE EQUIPMENT TO ENSURE PROPER INSTALLATION OF THE KSCM-1 BRACKETS.
- 6.) ATTACHMENT OF THE KSCM-1 BRACKET TO THE CURB IS ACCOMPLISHED WITH THE THREE (3) No. 12-14 X 2.50 SELF-DRILLING TEK SCREWS. **TO BE EFFECTIVE, THE THREADED PORTION OF THESE SCREWS MUST PASS THROUGH THE WOODEN NAILER, AND THE SHEET METAL OF THE CURB SIDE WALL!**
- 7.) THE EQUIPMENT ATTACHMENT IS MADE WITH **THREE (3) No. 12-14 X 0.75 SELF DRILLING TEK SCREWS.** OPTIONAL ATTACHMENT IS MADE BY **THREE (3) 1/8 X 1.0 WELDS.** SEE INS-88.071-18B FOR DETAILED EXAMPLES.
- 8.) SEAL ALL EQUIPMENT PENETRATIONS WITH A GOOD RTV CAULKING COMPOUND, BY OTHERS.
- 9.) **WARNING:** WHEN ATTACHING TO EQUIPMENT USING SELF DRILLING TEK SCREWS, BE SURE ELECTRICAL CONTROL WIRES, CONDUITS AND FLUID HOSES ARE NOT IN THE PATHS OF THE TEK SCREWS!
- 10.) **CAUTION:** DO NOT BLOCK EQUIPMENT ACCESS AND MAINTENANCE DOORS WITH KSCM-1 BRACKETS!



REF. DWG.S: INS-88.071-18B AND S-88.071-18A



TITLE  
KSCM-1  
SEISMIC BRACKET KIT  
LOCATION & INSTALLATION

LAST DATE  
REVISED  
8/30/04

REVISED BY  
BB

DRAWING NO.  
INS-88.071-18A