



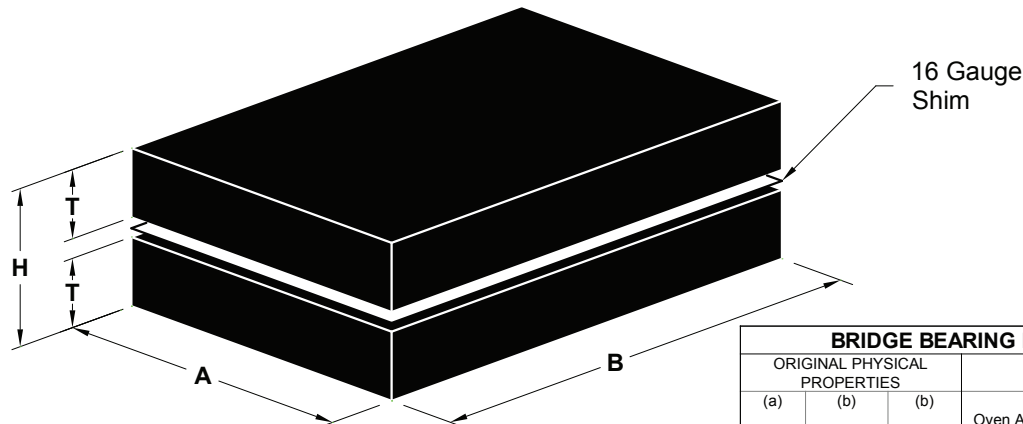
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JOB NAME _____
 CUSTOMER _____
 CUSTOMER P.O. _____
 MASON M.I. _____
 DWG. NO. _____

BBPSBBP

Layered Bridge
 Bearing Quality
 Neoprene Pads
 with Shim



ACTUAL PAD SIZES ARE AS SCHEDULED BELOW

Type BBP Thickness

| Size (T) | |
|----------|------|
| (in) | (mm) |
| 1/4 | 6 |
| 3/8 | 10 |
| 1/2 | 13 |
| 5/8 | 16 |
| 3/4 | 19 |
| 1 | 25 |
| 1 1/4 | 32 |
| 1 1/2 | 38 |

| BRIDGE BEARING NEOPRENE SPECIFICATIONS | | | | | | | |
|--|------------------------|-------------------------|--------------------------|------------------------|-------------------------|---|----------------------|
| ORIGINAL PHYSICAL PROPERTIES | | | TESTING FOR AGING | | | COMPRES-SION SET | |
| (a) | (b) | (b) | (c) | | | (d) | (e) |
| Duro-meter | Tensile Strength [min] | Elongat. at Break [min] | Oven Aging (70hrs/212°F) | | | 100 ppm in air by Vol. 20% Strain 100°F | 22hrs/212°F Method B |
| | | | Hard-ness [max] | Tensile Strength [max] | Elongat. at Break [min] | No Cracks | 35% (max) |
| 40±5 | 2000 psi | 450% | +15% | ±15% | -40% | No Cracks | 35% (max) |
| 50±5 | 2250 psi | 400% | +15% | ±15% | -40% | No Cracks | 35% (max) |
| 60±5 | 2250 psi | 350% | +15% | ±15% | -40% | No Cracks | 35% (max) |

(a)ASTM D-2240 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

| Typical 1" (25mm) Thick 60 duro BBP Loadings | | | | | | | |
|--|-----------|-----------------------|--------------|--|-----------|-----------------------|-----------------|
| Lower Load at 0.10" 3mm Deflection | | | | Maximum Load at 0.15" 3.8mm Deflection | | | |
| Pad Size (in) (mm) | | Load Range (lbs) (kg) | | Pad Size (in) (mm) | | Load Range (lbs) (kg) | |
| 2 x 2 | 51 x 51 | 300 - 450 | 135 - 205 | 8 x 8 | 203 x 203 | 20800 - 31200 | 10635 - 15955 |
| 3 x 3 | 76 x 76 | 990 - 1485 | 450 - 675 | 8 x 12 | 203 x 305 | 38400 - 57600 | 17455 - 26180 |
| 3 x 6 | 76 x 152 | 2340 - 3510 | 1065 - 1595 | 10 x 10 | 254 x 254 | 42500 - 63750 | 19320 - 28980 |
| 4 x 4 | 102 x 102 | 2400 - 3600 | 1090 - 1635 | 10 x 12 | 254 x 305 | 55200 - 82800 | 25090 - 37635 |
| 4 x 6 | 102 x 152 | 4080 - 6120 | 1855 - 2780 | 12 x 12 | 305 x 305 | 79200 - 118800 | 36000 - 54000 |
| 6 x 6 | 152 x 152 | 7600 - 12000 | 3455 - 5455 | 15 x 15 | 381 x 381 | 146250 - 219375 | 66480 - 99715 |
| 6 x 8 | 152 x 203 | 12000 - 18000 | 5455 - 8180 | 18 x 18 | 457 x 457 | 243000 - 364000 | 110455 - 165455 |
| 6 x 12 | 152 x 305 | 23400 - 35100 | 9455 - 14180 | 24 x 24 | 576 x 576 | 432000 - 648000 | 196365 - 294545 |

Approximate Load Corrections
 1/2" 13mm Pads - Twice the Load 2" 50mm Pads - Half the Load
 40 Duro-55%, 50 Duro-75%, 70 Duro-160% of 60 Duro loadings

PLAN VIEW OF PAD LOCATIONS

TAG : _____

UNIT : _____



Durometer of Pad Material to be: **DURO**

| | |
|-----|------|
| 1 : | 6 : |
| 2 : | 7 : |
| 3 : | 8 : |
| 4 : | 9 : |
| 5 : | 10 : |

Sets Required:

Type BBPSBBP Dimensions (inches) (mm)

| A | B | T | H |
|---|---|---|---|
| | | | |