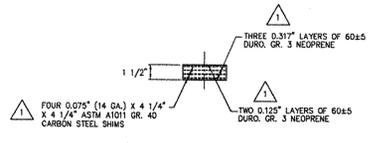


PLAN VIEW



ELEVATION

MK. 01, 592 RECD. - ITEM 531.10
 8 EACH AT ABUTTS. 1 & 2
 16 EACH AT PERS. 1 - 36

B'G. MK.	01
SHAPE FACTOR	3.35
COMP. AREA IN. 2	18.06
SHEAR AREA IN. 2	25.25
EFFECTIVE RUBBER IN.	1.20
LENGTH TO HEIGHT RATIO	3.75
R (DL + SOL) KIPS	5.7
R (LL) KIPS	2.8
MAX. ALLOWABLE STRESS PSI	1000
DESIGN ROTATION RAD.	0.014

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- NOTES:
- BEARING PADS TO BE MANUFACTURED IN ACCORDANCE WITH VT. AGENCY OF TRANSPORTATION STANDARD SPECIFICATION SECTION 731 AND THE PROJECT PLANS (ASHTO DIVISION 4 SECTION 16.2 AND ASHTO MATERIALS SPECIFICATION M251).
 - NEOPRENE IS 60 ± 5 DURO, GRADE 3. INTERNAL SHIMS ARE 14 GA. ASTM A1011 GR. 40.
 - THE BEARINGS WERE DESIGNED USING METHOD A, ASHTO SECTION 14.
 - TOLERANCES:
 - DESIGN THICKNESS -0, +1/4"
 - HORIZONTAL DIM. -0, +1/4"
 - THICKNESS OF INDIVIDUAL LAYERS AT ANY POINT WITHIN THE BEARINGS . . . ±20% OF DESIGN VALUE BUT NO MORE THAN ±1/8"
 - PARALLELISM WITH OPPOSITE FACE ±0.005 RADIAN
 - TOP & BOTTOM ±0.005 RADIAN
 - SIDES ±0.02 RADIAN
 - SIZE AND POSITION OF EXPOSED CONNECTION MEMBERS, HOLES, SLOTS OR INSERTS . . . ±1/8"
 - EDGE COVER -0, +1/8"
 - THICKNESS OF TOP & BTM LAYER . . . -0, THE SMALLER OF 1/16" AND 25% OF THE NOMINAL COVER LAYER THICKNESS
 - LEVEL 1 TESTING REQUIRED BY S.E.P.
 - ONLY ITEMS SHOWN ON THIS DRAWING ARE TO BE PROVIDED BY SEISMIC ENERGY PRODUCTS, L.P.

RECEIVED
 CK'D BY M. E. M. CK'D BY _____
 NOV 06 2003
 RESUBMIT _____ APPROVED ✓
 BY _____ DATE 11/6/03

REVISED PER VADT	11/3/03	
REV. NO.	DESCRIPTION	DATE
PROJECT NO.	STP BIKE (48)	COUNTY CHITTENDEN
CONTRACTOR	KUBROCK CONSTRUCTION CORP.	
Seismic Energy Products, L.P. STRUCTURAL BEARING FOR BRIDGES & BUILDINGS FABR. DIV.		
STATE OF VERMONT AGENCY OF TRANSPORTATION		
STRUCTURAL BEARING DETAILS FOR: STP BIKE (48), TOWN OF COLCHESTER, VT.		
CAD FILE NO. 18415VT	DATE: 10/02/03	P.O. NO. 362
CUSTOMER: KUBROCK CONSTRUCTION CORP. 237 BAY STREET CLARK FALLS, N.Y. 12801	DATE: 10/02/03	S.O. NO. 19415
DRAWN BY: _____	REV. 1	DATE: 09/03/07

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 19415
 SHEET 1 OF 1