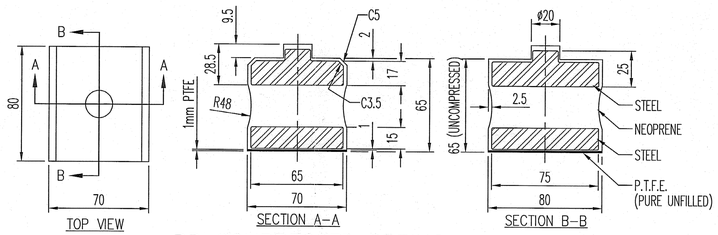
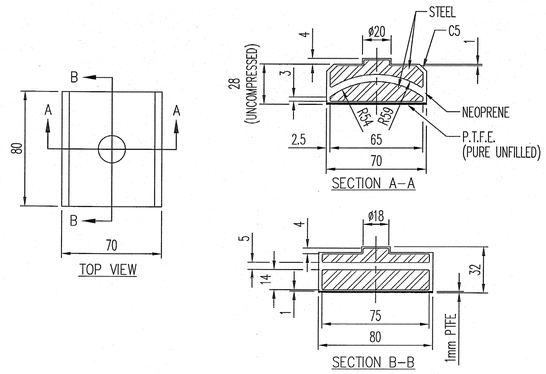


PRECOMPRESSED SPRING

SPECIFICATION:

1. ALL STEEL PARTS ARE TO BE GRADE GR50B
2. RUBBER REQUIREMENT: NEOPRENE
3. SHORE A DUROMETER: 65-70
4. LOAD DEFLECTION: 6mm AT LOAD OF 12kN
5. ALL SHARP EDGES TO BE RADIUS
6. NEOPRENE MATERIAL TO MEET ASTM D2000 LINE CALL OUT M3BC 717 B13 F17 K21 Z1
   WHERE Z1= COMPRESSION DEFLECTION OF MAX. 6mm AT 12kN FORCE
   (TO BE TESTED ON FINISHED PART)



SLIDE BEARING

SPECIFICATION:

1. ALL STEEL PARTS ARE TO BE GRADE GR50B
2. RUBBER REQUIREMENT: NEOPRENE
3. SHORE A DUROMETER: 60
4. LOAD DEFLECTION: 2.5mm AT LOAD OF 44.5kN
5. ALL SHARP EDGES TO BE RADIUS
6. NEOPRENE MATERIAL TO MEET ASTM D2000 LINE CALL OUT M3BC 617 B13 F17 K21 Z1
   WHERE Z1= COMPRESSION DEFLECTION OF MAX. 2.5mm AT 44.5kN FORCE
   (TO BE TESTED ON FINISHED PART)

SHOP DRAWING REVIEW

☐ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

☐ REJECTED ☐ REVISE AND RESUBMIT ☒ FURNISH AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc. Engineers, Planners, and Scientists Six Bedford Farms, Kitton Rd. Bedford, NH 03110 603 644 0888

Job Number: 50911
Reviewed By: SAH
Date: 6/1/06

REV.	DESCRIPTION	DATE	DET.	CKD.

D.S. BROWN
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.0332

4201 NOREX DRIVE
CHASKA, MINNESOTA 55318
952.368.3000
FAX: 952.448.7000

DSBROWN.COM

	ITEM	QUANTITY
LOCATION — VT 78 OVER MISSISQUOI BAY	–	–
BRIDGE — 2	–	–
PROJECT NO. — BRF 036-1 (1)	–	–
TOWN — ALBURG AND SWANTON	–	–
P.O. NO. — PO78559 MIS	–	–
SUPERVISOR — MARK KACZINSKI	–	–
CUSTOMER — CIANBRO CORPORATION	–	–
	–	–

DESCRIPTION: PRECOMPRESSED SPRING & BEARING DETAILS
COUNTIES OF GRAND ISLE AND FRANKLIN, VERMONT

SCALE:	DRAWN BY:	CHECKED BY:	DATE:	BRIDGE SHEET:
N.T.S.	RES	JLW	04-19-06	1 OF 1

PROJECT NUMBER	PRODUCT CODE	RELEASE	SHEET
12244	1021	1	16