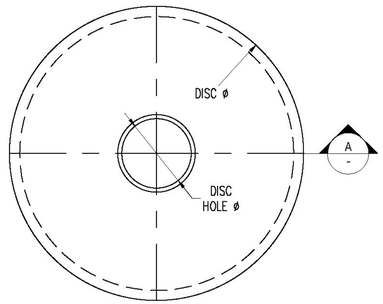
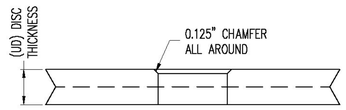
ASSEMBLY
11



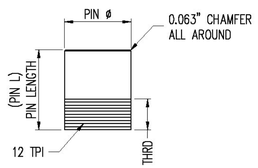
URETHANE DISC PLAN



SECTION 'A'

NOTE: THE DISC SHALL BE INSTALLED WITH THE CHAMFER ON THE SHEAR PIN HOLE FACING UP

URETHANE DISC SCHEDULE (DMG)						
ASSEM MK	PIECE MK	QTY	UD	DISC ø	DISC HOLE ø	DISC MATERIAL
11A	11ud1	3	1.188	11.125	2.000	POLYETHER URETHANE
11B	11ud2	2	1.125	10.813	2.625	POLYETHER URETHANE



PIN DETAIL

SHEAR PIN SCHEDULE (DMG)						
ASSEM MK	PIECE MK	QTY	PIN ø	PIN L	THRD	PIN MATERIAL
11A	11pn1	3	1.875	2.688	1.000	AISI 4000 SERIES; Fy = 95 ksi (min), Fu = 115 ksi (min)
11B	11pn2	2	2.500	3.063	1.250	AISI 4000 SERIES; Fy = 95 ksi (min), Fu = 115 ksi (min)

PTFE DISC SCHEDULE (DMG)				
ASSEM MK	PIECE MK	QTY	PTFE DIMENSIONS	PTFE DISC MATERIAL
11A	11pf1	3	0.188 X 12.250ø	PURE VIRGIN UNFILLED
11B	11pf2	2	0.188 X 11.750ø	PURE VIRGIN UNFILLED

GUIDE BAR LOW-FRICTION MAT'L SCHEDULE (DMG)				
ASSEM MK	PIECE MK	QTY	LOW-FRICTION MAT'L DIMENSIONS	LOW-FRICTION MATERIAL
11A	11pg1	6	0.188 X 0.625 X 12.250	25% CARBON FILLED, PIGMENTED
11B	11pg2	4	0.188 X 1.500 X 11.750	25% CARBON FILLED, PIGMENTED

SEE SHT. 11 FOR ASSEMBLY & DESIGN INFORMATION.
SEE SHT. 13, 14, & 15 FOR ADDITIONAL SUB-ASSEMBLY DETAILS.
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED

Vermont Agency of Transportation
RECEIVED
Morristown BRS 0240(3)S Disc Bearing Submittal_Rev 2_Approved 12.8.17.pdf
CK'D BY CLC OK'D BY CWC
December 1, 2017
RESUBMIT NO Approved
BY C. CARLSON DATE 12/08/17

REV.	DESCRIPTION	DATE	DET.	CKD.

D.S. BROWN
A GIBRALTAR INDUSTRIES COMPANY
THE D.S. BROWN COMPANY
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.0332
WWW.DSBROWN.COM

LOCATION — VT RTE 15A MAJOR COLLECTOR
BRIDGE — NO. 1
PROJECT — BRS 0240(3)S & STP HES 030-2(28)
PROJECT NAME — MORRISTOWN
P.O. NO. — K1619
DESIGNER — T.Y. LIN INTERNATIONAL
CUSTOMER — WINTERSET, INC.

ITEM	QUANTITY
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DESCRIPTION: DMG UNI-DIRECTIONA HLMR SUB-ASSEMBLY DETAILS
LAMOILLE CO., VT

SCALE:	DRAWN BY:	CHECKED BY:	DATE:	
N.T.S.	DA	KTG	11/17	–
PROJECT NUMBER	PROJECT CODE	RELEASE	SHEET	
53146	1114	1	12	