

APPROVAL DRAWING
EXTERNAL RESTRAINT OF COUPLING REQUIRED



CAUTION
COUPLINGS DO NOT PREVENT PIPE PULLOUT.
SUITABLE RESTRAINT SHOULD BE USED WHEN REQUIRED.

NOTES:


1. ROBAR'S 1948 / 1946 FABRICATED COUPLINGS MEET ALL AWWA C219 SPECIFICATIONS
2. PRESSURE RATED TO 165-psi WORKING OPERATING PRESSURE (WOP) WHEN INSTALLED PER ROBAR'S INSTALLATION INSTRUCTIONS ON PIPE WITHIN THE TOLERANCE SHOWN
3. CAPABLE OF A 50% WOP SURGE
4. FLEXIBLE COUPLINGS DO NOT PREVENT PIPE PULLOUT
5. EXTERNAL RESTRAINTS FOR PVC OR HDPE PIPE MUST NOT BE LOCATED WITHIN 6" OF THE COUPLING
6. TRANSITION COUPLINGS WILL MIGRATE TOWARDS THE SMALLER PIPE AT A FORCE EQUAL TO THE DIFFERENCE IN PIPE AREAS MULTIPLIED BY THE OPERATING PRESSURE.

MATERIALS:

- BARREL: ASTM A36
- END RINGS: ASTM A576, GRADE 1020 / A36
- GASKET: NBR PER ASTM D2000, NSF/ANSI/CAN 61 APPROVED
- BOLTS: AS LISTED ABOVE
- COATING:
 - STANDARD: WATERARMOR G17 FUSION BONDED THERMOPLASTIC PER AWWA C229 (FUNCTIONALLY CONFORMS WITH AWWA C213), NSF/ANSI/CAN 61 APPROVED
 - OPTIONAL: FUSION BONDED EPOXY PER AWWA C213, NSF/ANSI/CAN 61 APPROVED

PROPRIETARY AND CONFIDENTIAL

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REV	DO NOT SCALE DRAWING		TITLE:	
	NAME	DATE	S1946 33.73x32.00-.25x10-0048	
DRAWN	CT	09-JUL-2024		
COMMENTS:			<div></div> <div>ROBAR INDUSTRIES LTD</div> <div>Unit 112 - 19225 32 Avenue Surrey, BC, Canada, V3Z 1J8 www.robarindustries.com</div>	
WEIGHT: 176.516			SIZE	DWG. NO.
MATERIAL			A	A1592-000
AS NOTED			SHEET 1 OF 1	