



"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"

CASING SPACERS END SEALS - STYLE – CCES

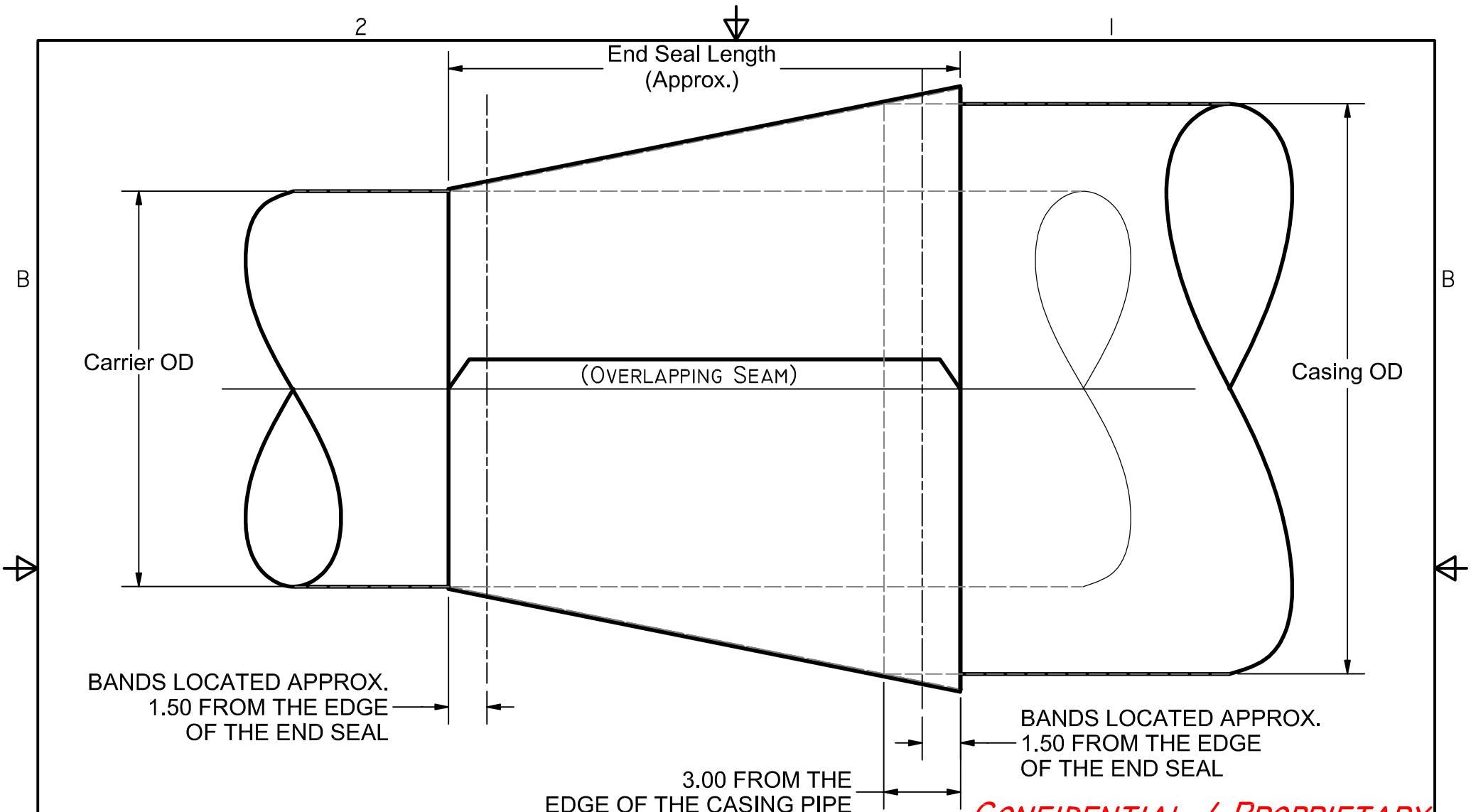
Casing spacer end seals shall be a pull-over type construction and made from Neoprene rubber with a thickness between 3/32 and 1/8 inch, dependent on size and flexibility needed for proper fitment and functionality. End Seals shall utilize T304 stainless steel bands for securing each end to the casing pipe and carrier pipe. Casing spacer end seals shall be Model CCES as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL.

These specifications are accurate at time of publication and are subject to change without prior notice.



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MATERIAL SPECIFICATIONS:

SEAL - NEOPRENE - 60 DUROMETER
 (OTHER MATERIALS AVAILABLE)
 BANDS - T304 STAINLESS STEEL

- NOTES: STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED
1. FINISH = XXXX
 2. 2 PLACE DECIMALS ± .03
 3. 3 PLACE DECIMALS ± .010
 4. ANGULAR DECIMALS ± 1/2 DEGREE.
 5. CHAMFER ALL MACHINED SURFACES .005-.010 x 45° AND REMOVE ALL BURRS.
 6. ALL PARTS MUST BE FREE FROM SCALE.
 7. NO TOLERANCE NEEDED ON REFERENCE DIMENSIONS.
 8. ALL BOLT CIRCLE TOLERANCES PER ANSI B16.5 PARA. 7.7
 9. CONCENTRICITY TO CENTERLINE .005

NOTES: (cont'd.)
 10. NOT for pressure applications.

End Seal Installation Guide		
Push in Carrier side before tightening End Seal		
MATERIAL: (See Material Specifications)	DRAWING NO:	
SCALE: NTS	DRAWN BY: M. Zimmerle	REVISED 1:
DATE: 04/28/2016	APP'D BY:	REVISED 2:
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