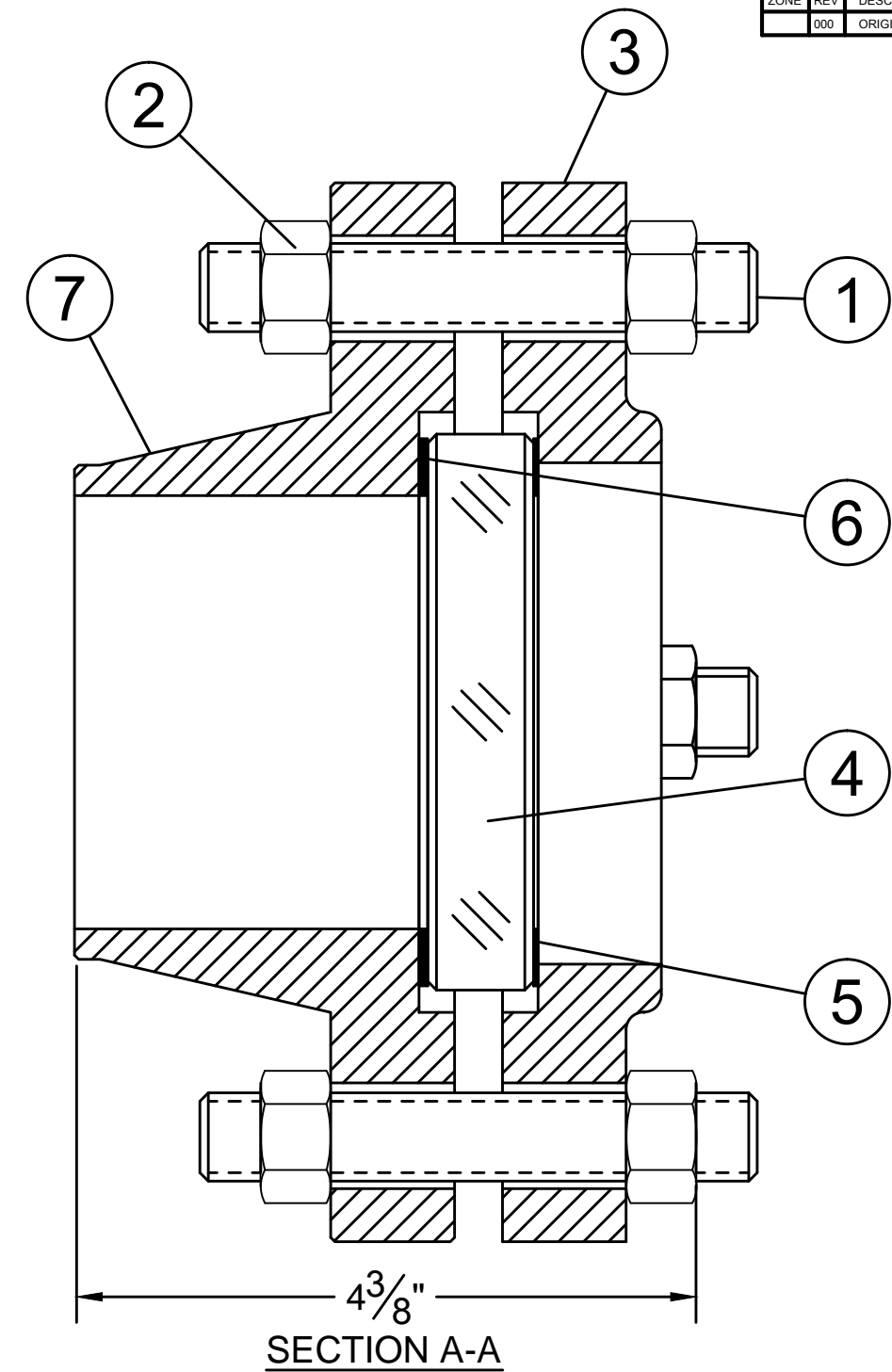
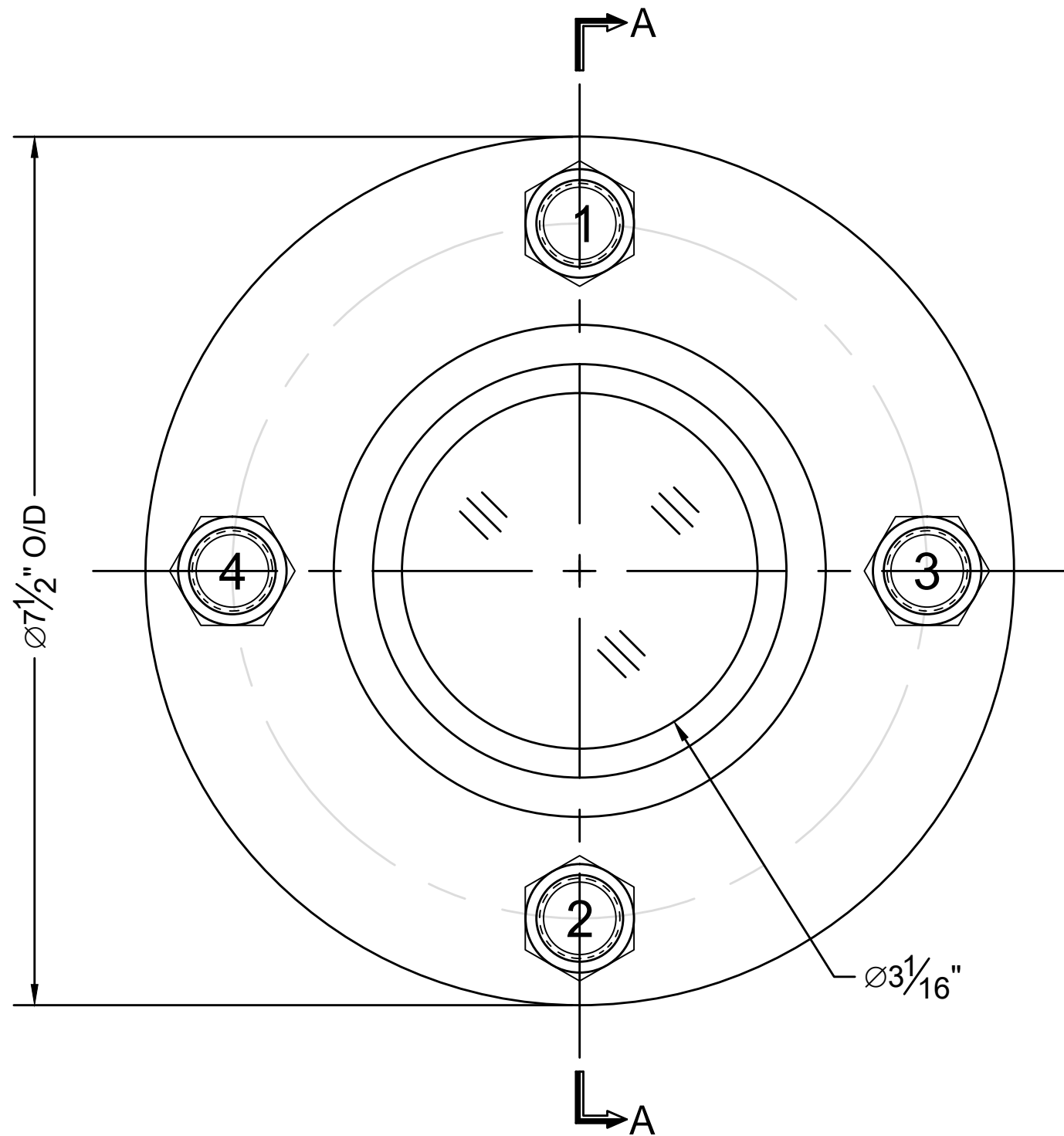


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	000	ORIGINAL ISSUE	6-4-13	GCP



QTY	SYM	DESCRIPTION
1	7	WELD NECK FLG
1	6	SEAL GASKET
1	5	CUSHION
1	4	LENS
1	3	LENS RETAINER
8	2	HEX NUT
4	1	THREADED STUD

BILL OF MATERIAL

Notes:

- [1] Certified Mill Test Reports are included for Lens Retainer [SYM#3] and Weld Pad [SYM#7].
- [2] "Certificate of Conformance" stating compliance with drawing and sales order documents available upon request at time of order.
- [3] It is the vessel fabricator's responsibility to verify that the weld pad offers sufficient reinforcement for the particular application.
- [4] Read and Understand Installation and maintenance manual before installation or service. Tighten fasteners in small increments to the values shown below following torque sequence shown do not exceed a maximum 3ft/lbs difference at anytime.

MODEL#	MAX. PRESSURE	ELASTOMERS	EXPANDED PTFE	GRAPHITE
3"NW-BW	150PS/FV	13 FT/LB	20 FT/LB	17 FT/LB

UNLESS OTHERWISE NOTED:  
 DIMENSIONS ARE IN INCHES.  
 DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINES.  
 BREAK CORNERS, REMOVE BURRS.  
 CASTING FILLET RADII:  $\frac{1}{8}$ "R  
 CAST CORER RADII:  $\frac{1}{16}$ "R

MACHINING TOLERANCES:  
 FRACTIONS:  $+\frac{1}{64}$   
 DECIMALS:  $\pm 0.010$   
 ANGLES:  $+\frac{1}{2}$  deg  
 FILLET RADII:  $\frac{1}{32}$ "R  
 MACHINED FINISH: RA 125u in  
 $\text{Ⓢ}$   $\text{Ⓣ}$   $\text{Ⓚ}$   $\text{Ⓛ}$   $\text{Ⓜ}$  WITHIN  $\frac{1}{64}$  FIM

ASME CODE CALCULATIONS AND ANY RESULTING ADDITIONAL MATERIAL NEEDED TO REINFORCE SIGHT GLASS OPENING TO MEET ASME CODE IS THE RESPONSIBILITY OF THE VESSEL MANUFACTURER.

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Rating:  
 1. Max. Temperature: Dependant on glass and gasket selection.  
 2. Max. Pressure: 150PSI/FV

DRAWN:	GCP	9/12/14
CHECKED:	GCP	9/12/14
APPROVED:	GCP	9/12/14



MODEL#: 3"NW-BW  
 3" 150# WELD NECK STYLE SIGHT GLASS

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	12740	01C048	0

SCALE: 3/4	EST. WEIGHT: 36 LB [16 KG]	SHEET: 1 OF 1
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