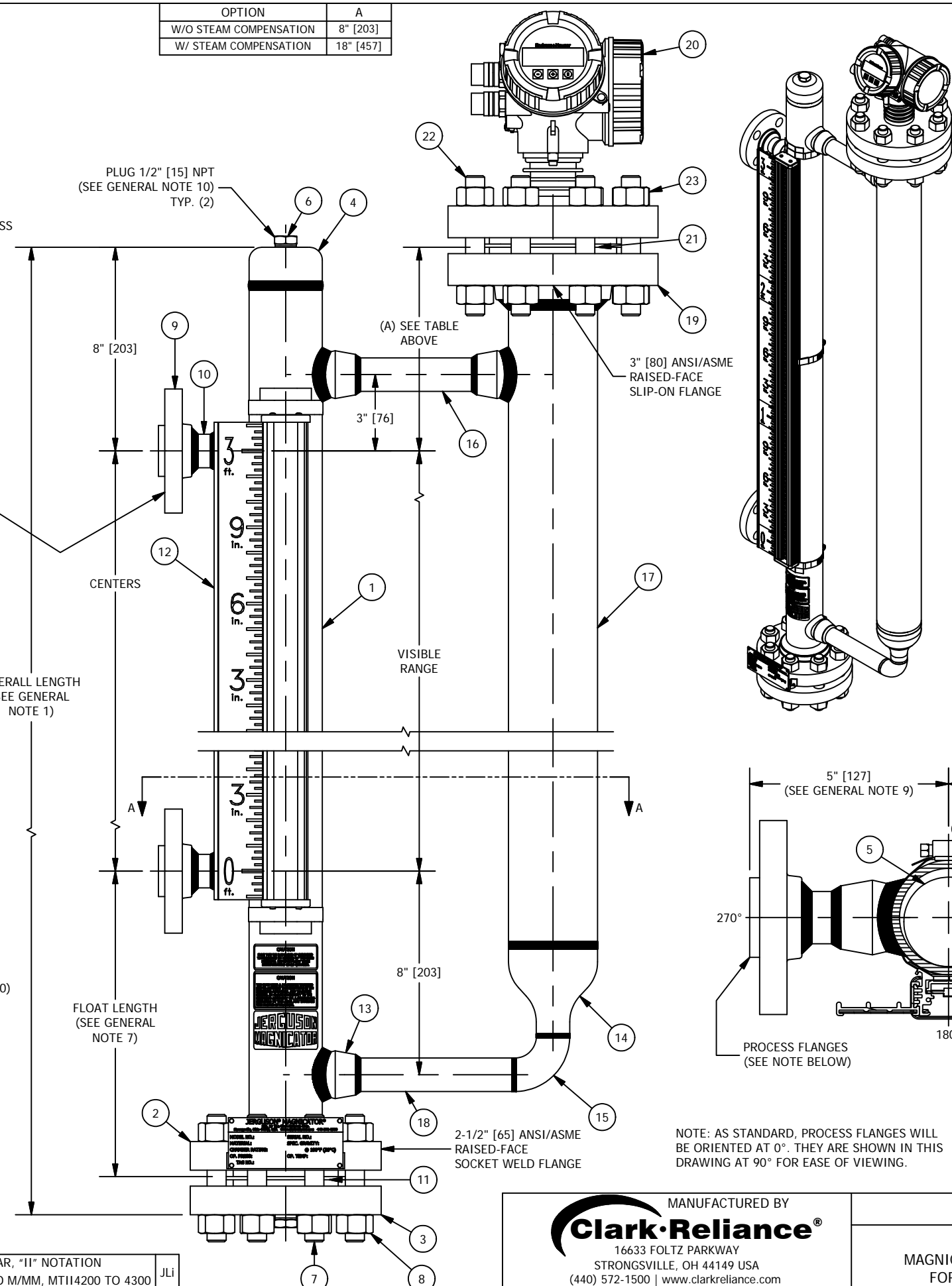


GENERAL NOTES:

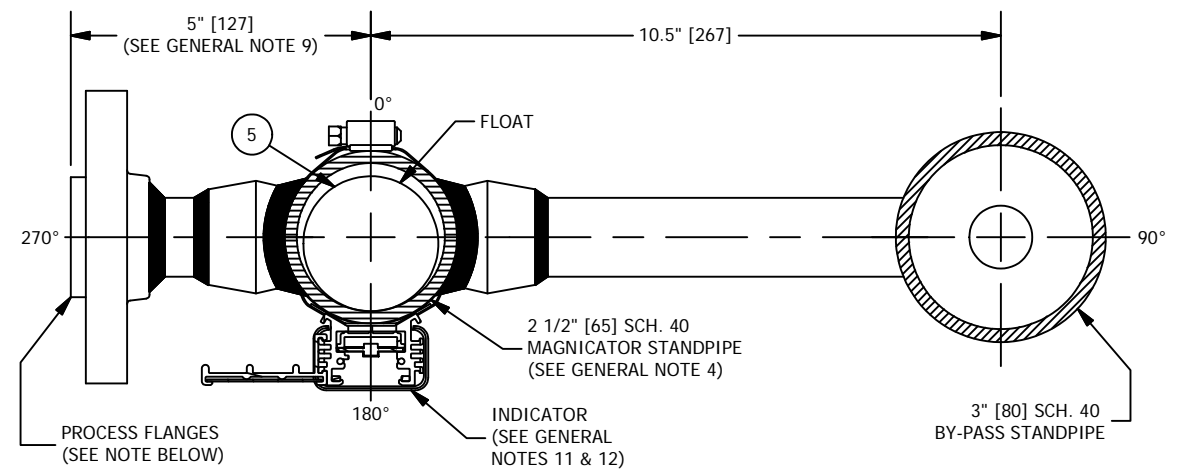
1. DIMENSIONS
  - SHOWN IN INCHES W/ MM EQUIVALENTS IN BRACKETS
  - OVERALL LENGTH = CENTERS + FLOAT LENGTH + MATING FLANGE THICKNESS + 8.125" [206]
2. OPERATING CONDITIONS
  - MAX PRESSURE, MAX TEMPERATURE, & MIN SPECIFIC GRAVITY REQUIRED FOR PROPER GAGE DESIGN
3. PART NUMBER
  - CONSULT "MAGNICATOR® MAGNETIC LIQUID LEVEL INDICATION PRODUCTS" (BULLETIN M100.01) FOR COMPLETE PART NUMBER DETAILS & LIST OF AVAILABLE OPTIONS
4. STANDPIPE SIZE
  - 2 1/2" [65] SCH. 40 (STANDARD) MAGNICATOR STANDPIPE / 3" [80] SCH. 40 (STANDARD) BY-PASS STANDPIPE
  - CONSULT FACTORY FOR OPTIONAL STANDPIPE SIZE AND/OR SCHEDULE (DEPENDENT ON OPERATING CONDITIONS)
5. MATERIALS OF CONSTRUCTION
  - 304/304LSS W/ CS TRIM (CAP, FLANGES, BOLTING, & PLUGS) (STANDARD)
  - 316/316LSS W/ CS TRIM (CAP, FLANGES, BOLTING, & PLUGS) (STANDARD)
  - ALL 304/304LSS (316SS BOLTING) (STANDARD)
  - ALL 316/316LSS (316SS BOLTING) (STANDARD)
  - CONSULT "MAGNICATOR® MAGNETIC LIQUID LEVEL INDICATION PRODUCTS" (BULLETIN M100.01) FOR A COMPLETE LIST OF AVAILABLE MATERIALS
6. FLOAT MATERIALS
  - 316LSS (STANDARD)
  - TITANIUM (STANDARD)
  - MONEL 400
  - HASTELLOY C276
7. FLOAT LENGTHS
  - 12" [305] (STANDARD)
  - 17" [432] (STANDARD)
  - 22" [559] (STANDARD)
  - LENGTHS DEPENDENT ON OPERATING CONDITIONS
  - CONSULT FACTORY FOR CUSTOM LENGTHS
8. GASKET MATERIALS
  - FLEXITALLIC "CGI" (OR EQUAL) SPIRAL-WOUND (STANDARD) W/ CS OUTER RING, 304 OR 316SS INNER RING, & GRAPHITE FILLER
  - CONSULT FACTORY FOR OPTIONAL GASKET MATERIALS
9. PROCESS FLANGES
  - 1/2" [15] THRU 1" [25] ANSI/ASME RAISED-FACE SOCKET WELD FLANGES (STANDARD) (MAY REQUIRE INCREASE IN SECTION A-A DIMENSION SHOWN)
  - 1 1/2" [40] THRU 6" [150] ANSI/ASME RAISED-FACE SOCKET WELD FLANGES (REDUCED TO 1") AVAILABLE ON REQUEST (WILL REQUIRE INCREASE IN SECTION A-A DIMENSION SHOWN)
  - RAISED-FACE DIN FLANGES AVAILABLE ON REQUEST
  - (2) SIDE FLANGES (STANDARD)
  - (2+) SIDE FLANGES AVAILABLE ON REQUEST
10. VENT / DRAIN CONNECTIONS
  - 1/2" [15] FNPT (SHOWN) (STANDARD)
  - 1/2" [15] THRU 1 1/2" [40] FNPT, MNPT, FSW, & MSW
  - 1/2" [15] TO 3" [80] RAISED-FACE ANSI/ASME & DIN FLANGED
11. INDICATION
  - YELLOW / BLACK FLAGS IN ALUMINUM HOUSING (SHOWN) (STANDARD)
  - HERMETICALLY-SEALED FLAGS IN POLYCARBONATE TUBE W/ 316SS FRAME (BULLETIN M100.110)
  - HERMETICALLY-SEALED FLAGS IN GLASS TUBE W/ 316SS FRAME (BULLETIN M100.110)
  - NIGHTSTAR™ (ILLUMINATED FLAGS) (120 OR 240 VAC) (BULLETIN M100.140)
12. SCALES
  - FEET / INCHES (SHOWN) (STANDARD)
  - METER / MILLIMETER
  - PERCENT
  - CONSULT FACTORY FOR SPECIAL SCALES
13. POINT LEVEL SWITCHES
  - SAS-16 TRI-MAGNET (BULLETIN M100.27)
  - RS-2 (SPDT) HERMETICALLY-SEALED REED (BULLETIN M100.20)
  - RS-2/2 (DPDT) HERMETICALLY-SEALED REED (BULLETIN M100.20)
14. 4-20mA TRANSMITTERS
  - GUIDED WAVE RADAR
  - MT11-4300 MAGNETOSTRICTIVE (BULLETIN M100.23)
  - RST2 REED SWITCH (BULLETIN M100.22)

OPTION	A
W/O STEAM COMPENSATION	8" [203]
W/ STEAM COMPENSATION	18" [457]



BILL OF MATERIAL			
NO.	NAME OF PART	MATERIAL	REMARKS
1	MAGNICATOR STANDPIPE		
2	FLANGE, SOCKET WELD		
3	FLANGE, THREADED		
4	CAP		
5	FLOAT		
6	PLUG		
7	STUD		
8	HEAVY HEX NUT		
9	PROCESS FLANGE		
10	NIPPLE		
11	GASKET		
12	INDICATOR		
13	PIPET		
14	REDUCER, CONCENTRIC		
15	ELBOW		
16	STANDPIPE NIPPLE		
17	STANDPIPE NIPPLE		
18	BY-PASS STANDPIPE		
19	FLANGE, SOCKET WELD		
20	GUIDED WAVE RADAR, FLANGED		
21	GASKET		
22	STUD		
23	HEAVY HEX NUT		

OPERATING CONDITIONS	
MAX PRESSURE	
MAX TEMPERATURE	
MIN SPECIFIC GRAVITY	
PROCESS FLUID	



SECTION A-A

NOTE: AS STANDARD, PROCESS FLANGES WILL BE ORIENTED AT 0°. THEY ARE SHOWN IN THIS DRAWING AT 90° FOR EASE OF VIEWING.

REV	DATE	REVISION	BY
2	4/27/2018	DELETE LEVELSTAR, "II" NOTATION METRIC SCALE TO M/MM, MT114200 TO 4300	JLi

MANUFACTURED BY  
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**JERGUSON®**  
**MODEL MGWR-SF**  
 MAGNICATOR COUPLED WITH BY-PASS CHAMBER  
 FOR GUIDED WAVE RADAR TRANSMITTER  
 (W/ 600-2500# ANSI/ASME FLANGES)

DRAWN: SSF	REV.:
CHECKED: MK	2
DATE: 1/22/2014	
REVISION: 2	
DRAWING NO.: MGWR-SF6	