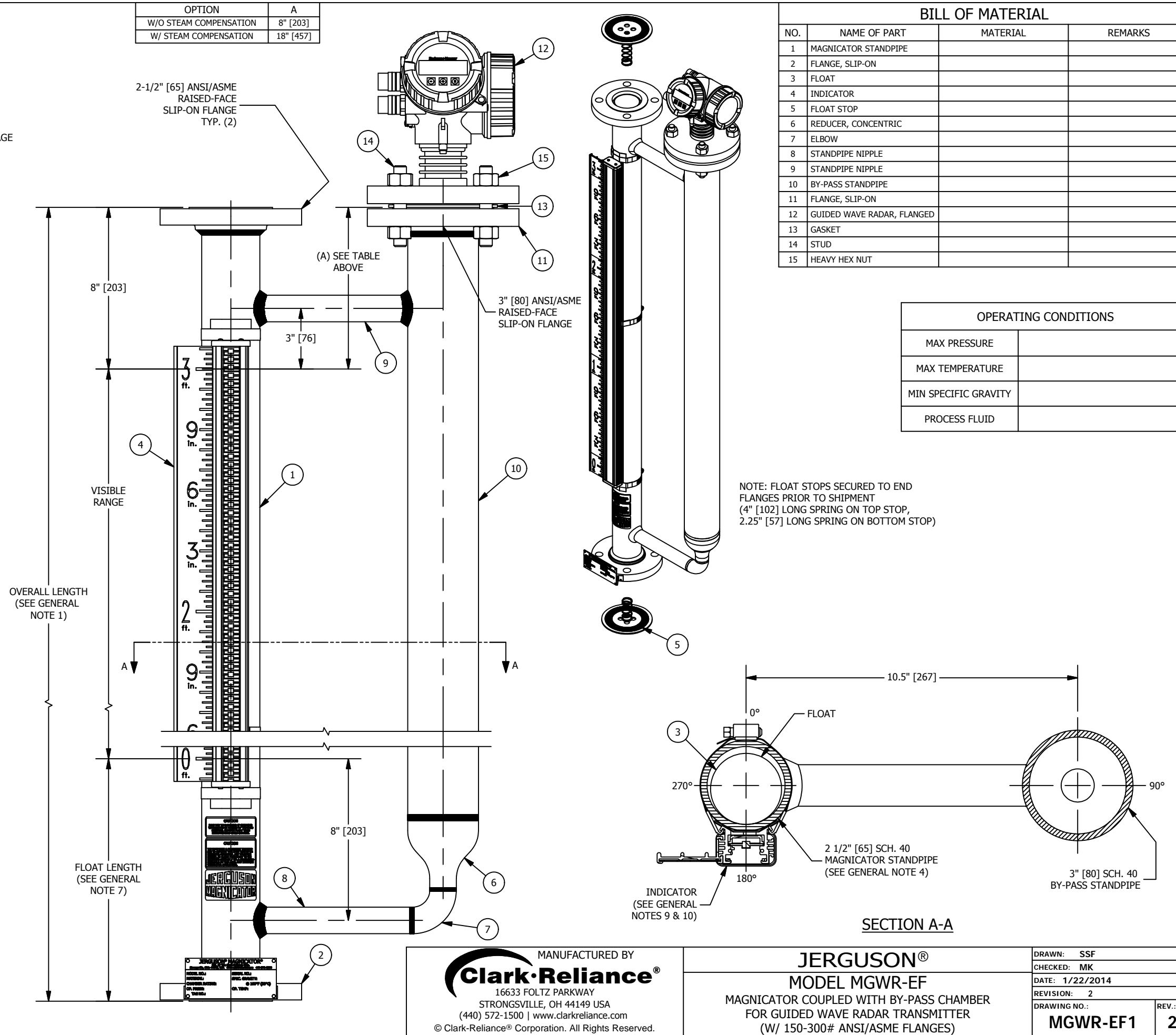


GENERAL NOTES:

- DIMENSIONS**
 - SHOWN IN INCHES W/ MM EQUIVALENTS IN BRACKETS
 - OVERALL LENGTH = VISIBLE RANGE + FLOAT LENGTH + 8" [203]
- OPERATING CONDITIONS**
 - MAX PRESSURE, MAX TEMPERATURE, & MIN SPECIFIC GRAVITY REQUIRED FOR PROPER GAGE DESIGN
- PART NUMBER**
 - CONSULT "MAGNICATOR® MAGNETIC LIQUID LEVEL INDICATION PRODUCTS" (BULLETIN M100.01) FOR COMPLETE PART NUMBER DETAILS & LIST OF AVAILABLE OPTIONS
- 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)
- MATERIALS OF CONSTRUCTION**
 - 304/304LSS W/ CS FLANGES (STANDARD)
 - 316/316LSS W/ CS FLANGES (STANDARD)
 - ALL 304/304LSS (STANDARD)
 - ALL 316/316LSS (STANDARD)
 - CONSULT "MAGNICATOR® MAGNETIC LIQUID LEVEL INDICATION PRODUCTS" (BULLETIN M100.01) FOR A COMPLETE LIST OF AVAILABLE MATERIALS
- FLOAT MATERIALS**
 - 316LSS (STANDARD)
 - TITANIUM (STANDARD)
 - MONEL 400
 - HASTELLOY C276
- FLOAT LENGTHS**
 - 12" [305] (STANDARD)
 - 17" [432] (STANDARD)
 - 22" [559] (STANDARD)
 - LENGTHS DEPENDENT ON OPERATING CONDITIONS
 - CONSULT FACTORY FOR CUSTOM LENGTHS
- GASKET MATERIALS**
 - GARLOCK IFG5500 (MAX TEMPERATURE ≤ 550°F) (STANDARD)
 - GRAFOIL® (MAX TEMPERATURE > 550°F) (STANDARD)
 - CONSULT FACTORY FOR OPTIONAL GASKET MATERIALS
- 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)
- SCALES**
 - FEET / INCHES (SHOWN) (STANDARD)
 - METER / MILLIMETER
 - PERCENT
 - CONSULT FACTORY FOR SPECIAL SCALES
- 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)
- 4-20mA TRANSMITTERS**
 - GUIDED WAVE RADAR
 - MTII-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, SLIP-ON		
3	FLOAT		
4	INDICATOR		
5	FLOAT STOP		
6	REDUCER, CONCENTRIC		
7	ELBOW		
8	STANDPIPE NIPPLE		
9	STANDPIPE NIPPLE		
10	BY-PASS STANDPIPE		
11	FLANGE, SLIP-ON		
12	GUIDED WAVE RADAR, FLANGED		
13	GASKET		
14	STUD		
15	HEAVY HEX NUT		

OPERATING CONDITIONS

MAX PRESSURE	
MAX TEMPERATURE	
MIN SPECIFIC GRAVITY	
PROCESS FLUID	

NOTE: FLOAT STOPS SECURED TO END FLANGES PRIOR TO SHIPMENT (4" [102] LONG SPRING ON TOP STOP, 2.25" [57] LONG SPRING ON BOTTOM STOP)

SECTION A-A

MANUFACTURED BY
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JERGUSON®
MODEL MGWR-EF
 MAGNICATOR COUPLED WITH BY-PASS CHAMBER
 FOR GUIDED WAVE RADAR TRANSMITTER
 (W/ 150-300# ANSI/ASME FLANGES)

DRAWN: SSF	REV.:
CHECKED: MK	2
DATE: 1/22/2014	
REVISION: 2	
DRAWING NO.: MGWR-EF1	

2	4/27/2018	DELETE LEVELSTAR, "II" NOTATION METRIC SCALE TO M/MM, MTII4200 TO 4300	JLi
REV	DATE	REVISION	BY