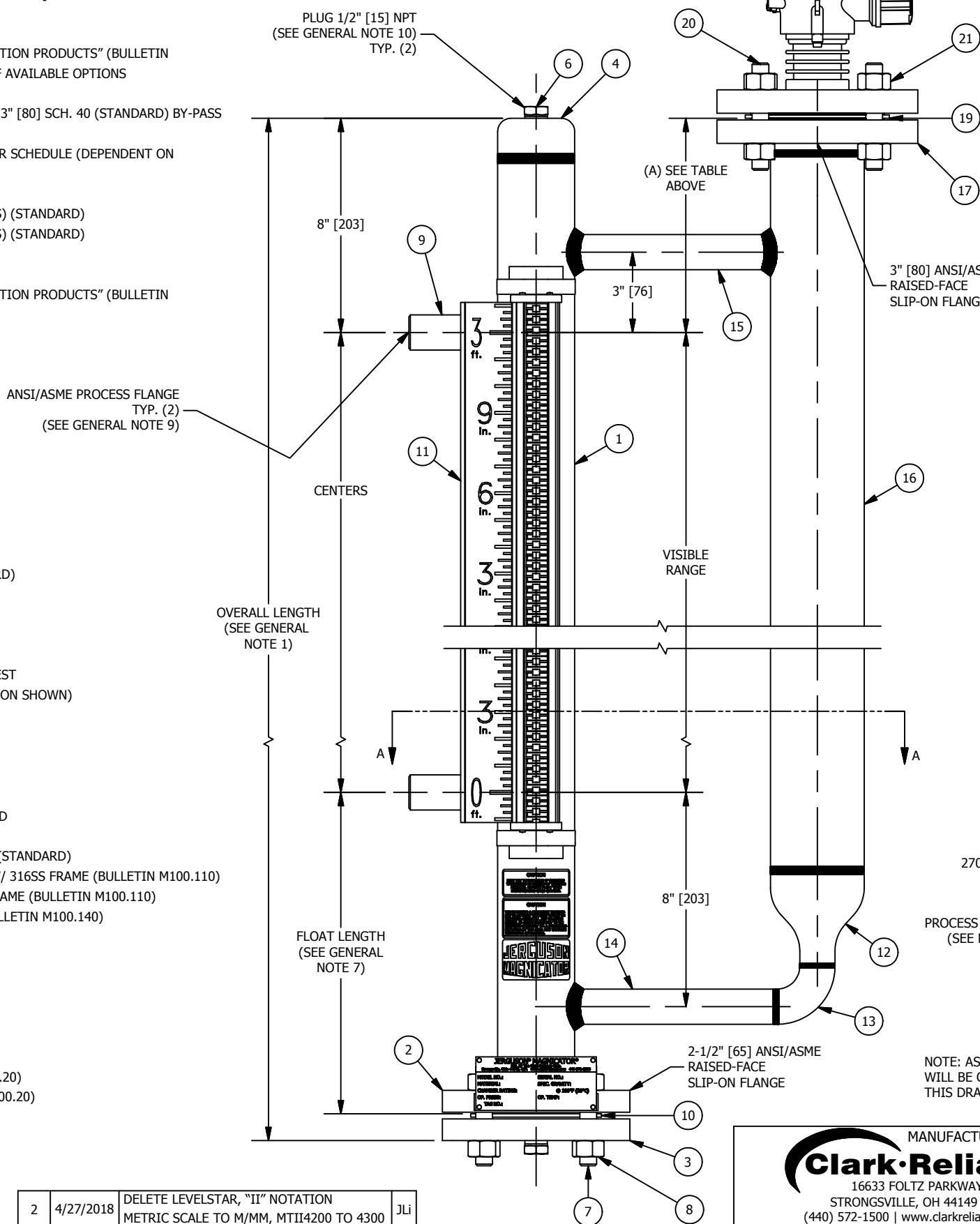


GENERAL NOTES:

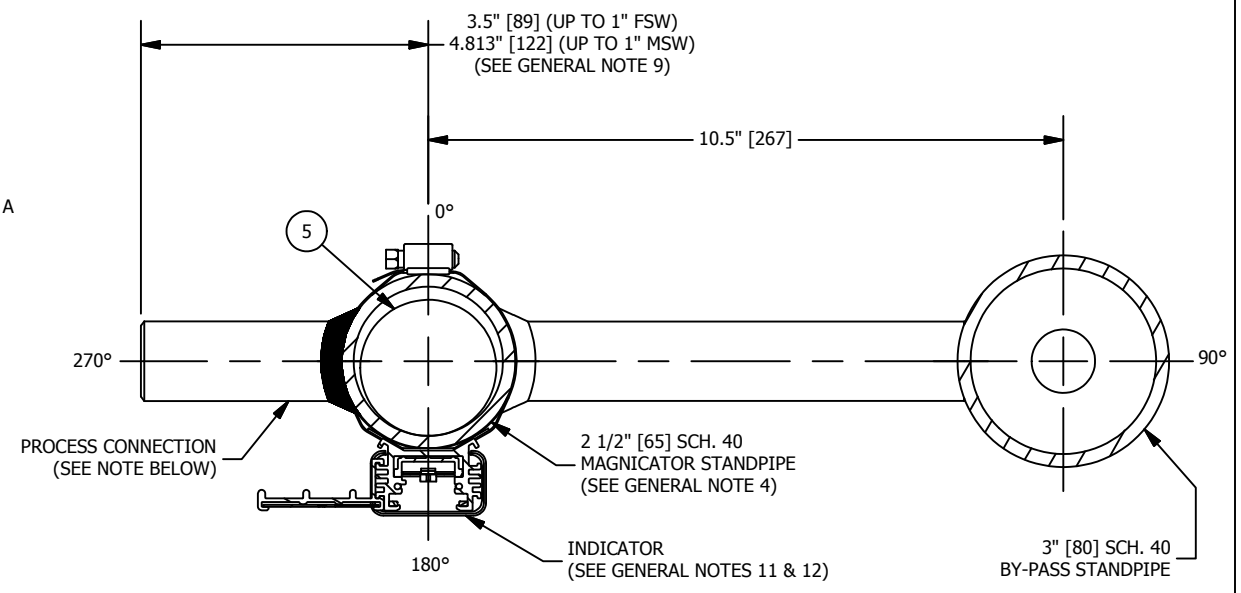
- DIMENSIONS**
  - SHOWN IN INCHES W/ MM EQUIVALENTS IN BRACKETS
  - OVERALL LENGTH = CENTERS + FLOAT LENGTH + MATING FLANGE THICKNESS + 8.063" [205]
- OPERATING CONDITIONS**
  - MAX PRESSURE, MAX TEMPERATURE, & MIN SPECIFIC GRAVITY REQUIRED FOR PROPER GAGE DESIGN
- PART NUMBER**
  - CONSULT "MAGNicator® 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 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
- 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
- PROCESS CONNECTIONS**
  - 1/2" [15] THRU 1" [25] FSW & MSW (STANDARD)
  - 1 1/2" [40] THRU 6" [150] FSW & MSW AVAILABLE ON REQUEST (REQUIRE FITTINGS THAT INCREASE SECTION A-A DIMENSION SHOWN)
  - (2) SIDE CONNECTIONS (STANDARD)
  - (2+) SIDE CONNECTIONS AVAILABLE ON REQUEST
- 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
- 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	FLANGE, THREADED		
4	CAP		
5	FLOAT		
6	PLUG		
7	STUD		
8	HEAVY HEX NUT		
9	PROCESS CONNECTION		
10	GASKET		
11	INDICATOR		
12	REDUCER, CONCENTRIC		
13	ELBOW		
14	STANDPIPE NIPPLE		
15	STANDPIPE NIPPLE		
16	BY-PASS STANDPIPE		
17	FLANGE, SLIP-ON		
18	GUIDED WAVE RADAR, FLANGED		
19	GASKET		
20	STUD		
21	HEAVY HEX NUT		

OPERATING CONDITIONS	
MAX PRESSURE	
MAX TEMPERATURE	
MIN SPECIFIC GRAVITY	
PROCESS FLUID	



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

SECTION A-A

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

MANUFACTURED BY

**Clark-Reliance®**

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**JERGUSON®**

MODEL MGWR-SW  
MAGNicator COUPLED WITH BY-PASS CHAMBER  
FOR GUIDED WAVE RADAR TRANSMITTER  
(W/ 150-300# ANSI/ASME FLANGES)

DRAWN: SSF	REV.:
CHECKED:	
DATE: 1/24/2014	
REVISION: 2 SSF	
DRAWING NO.: MGWR-SW1	REV.: 2