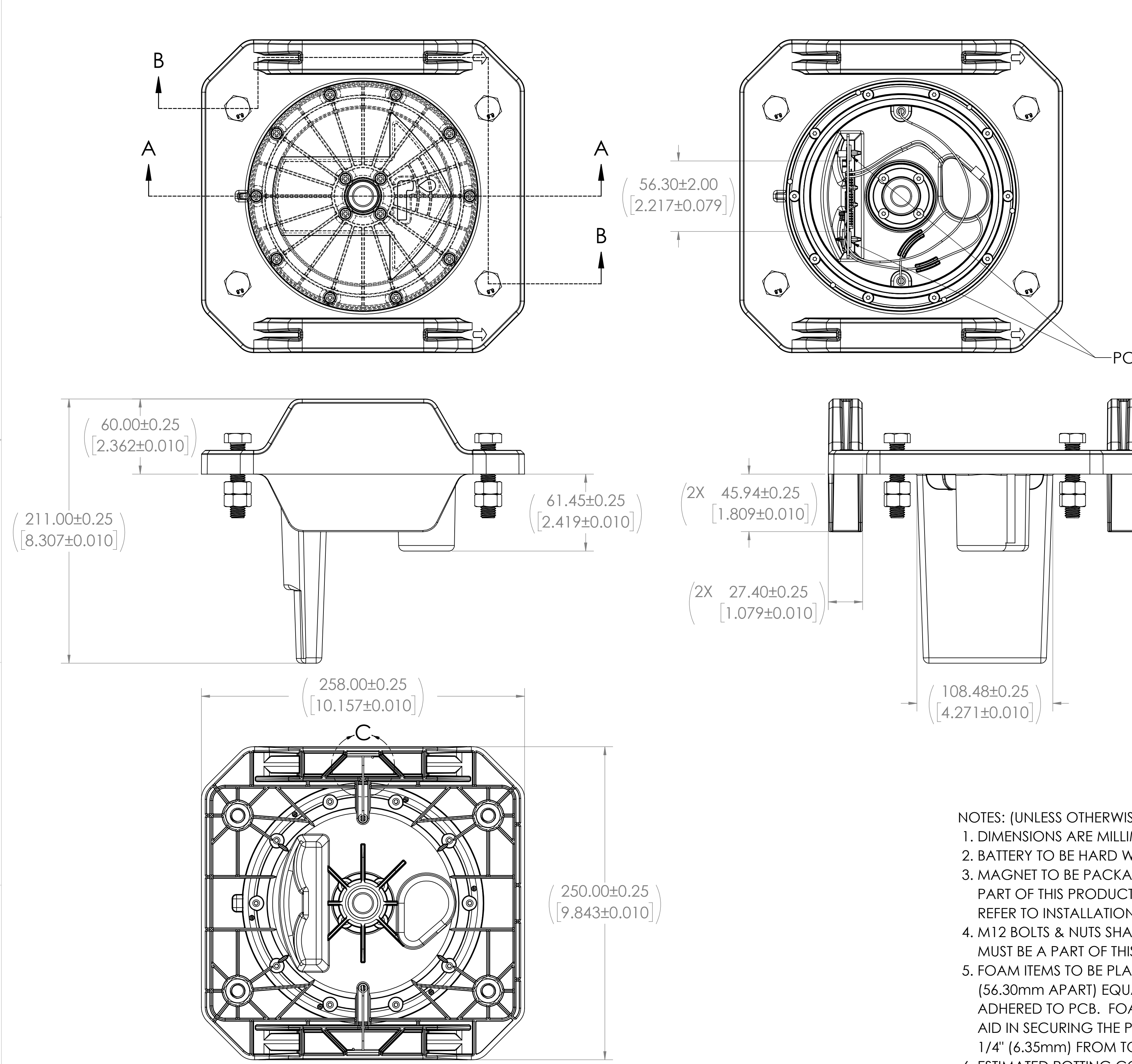
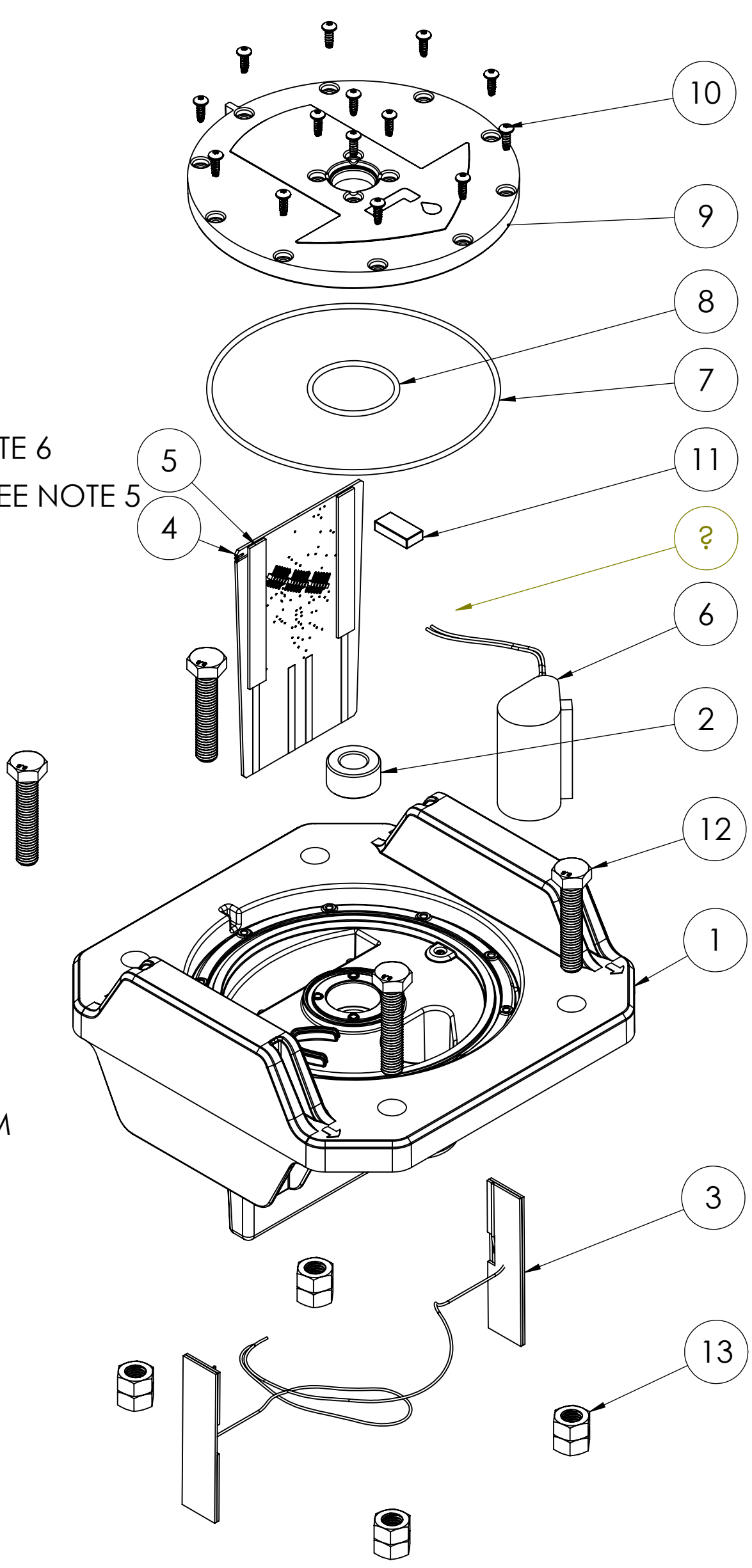


8		7		6		5		4		3		2		1	
ITEM #		TITLE		SUPPLIER		PART_NUMBER		QTY.							
1		HOUSING, MAIN, SENSOR, MARK II		TBD		TT10724-01		1							
2		BUSHING, 15mm ID X 30mm OD		FABRICATOR		TT10728		1							
3		ASSY, ANTENNA, FOAM		TWISTHINK		TT10729		2							
4		ASSY, PCB SENSOR		TWISTHINK		TTA0113		1							
5		FOAM, 1/16" THK X 1/2" WIDE x 95mm LONG, PCB		MCMaster-CARR (OR EQUIV)		93275K113 (OR EQUIV)		2							
6		ASSY, BATTERY, SENSOR, MARK II		TADIRAN BATTERIES		TT10726-01		1							
7		O-RING, LARGE, 156mm ID		McMaster-CARR (OR EQUIV)		1302N205 (OR EQUIV)		1							
8		O-RING, SMALL, 45mm ID		McMaster-CARR (OR EQUIV)		9262K303 (OR EQUIV)		1							
9		COVER, HSG, SENSOR, MARK II		TBD		TT10725-01		1							
10		SCREW, THREAD FORMING, TORX DRIVE, NO8X0500		MCMaster-CARR (OR EQUIV)		99512A316 (OR EQUIV)		14							
11		MAGNET, .5" X 1" X .25" THK		K&J MAGNETICS, INC.		BX084PC-BLK		1							
12		BOLT, M12 X 1.75P X 100mmLONG, PATIALLY THD, CLASS 8.8		McMaster-CARR (OR EQUIV)		91280A739 (OR EQUIV)		4							
13		NUT, HEX, M12 X 1.75P, CLASS 8		McMaster-CARR (OR EQUIV)		90591A181 (OR EQUIV)		8							
15		RESIN, POTTING COMPOUND		EPIC RESINS (OR EQUIV.)		S7302 (OR EQUIV.)		1							



SEE NOTE 6  
SEE NOTE 5



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- DIMENSIONS ARE MILLIMETERS [INCHES].
  - BATTERY TO BE HARD WIRED TO LOCATION SHOWN (SEE SHT 4).
  - MAGNET TO BE PACKAGED AS A SEPARATE ITEM AND MUST BE A PART OF THIS PRODUCT OFFERING.  
REFER TO INSTALLATION INSTRUCTION FOR MAGNET APPLICATION.
  - M12 BOLTS & NUTS SHALL BE PACKAGED AS A SEPARATE ITEM AND MUST BE A PART OF THIS PRODUCT OFFERING.
  - FOAM ITEMS TO BE PLACED IN APPROXIMATE LOCATIONS SHOWN (56.30mm APART) EQUAL DISTANCE FROM CENTER OF PCB, AND ADHERED TO PCB. FOAM SHALL LINE UP WITH RIBS IN HOUSING TO AID IN SECURING THE PCB PROPERLY AND LOCATED APPROXIMATELY 1/4" (6.35mm) FROM TOP EDGE OF PCB.
  - ESTIMATED POTTING COMPOUND VOLUME: 153,025 mm<sup>3</sup> COMBINED.  
ALTERNATE COMPOUND MUST HAVE EQUIVALENT DIELECTRIC PROPERTIES

twisthink

DESIGN TECHNOLOGY STRATEGY

43 East 8th Street, Suite 250  
Holland, Michigan 49423

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DO NOT SCALE DRAWING  
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UNLESS OTHERWISE SPECIFIED:  
TOLERANCES: .X = ± 0.5  
.XX = ± 0.25  
.XXX = ± 0.130  
ANGLES: = ± 0.5°

TITLE  
ASSY, SENSOR, MARK II

CUSTOMER  
CHARITY WATER

PROJECT  
MARK II SENSOR

CODE

PROJECT LEADER:

INDUSTRIAL DESIGNER:

ELECTRICAL ENGINEER:

MECHANICAL ENGINEER:

DRAWN BY:

TT10723

DOCUMENT NUMBER

DOC.

REV.

DATE:

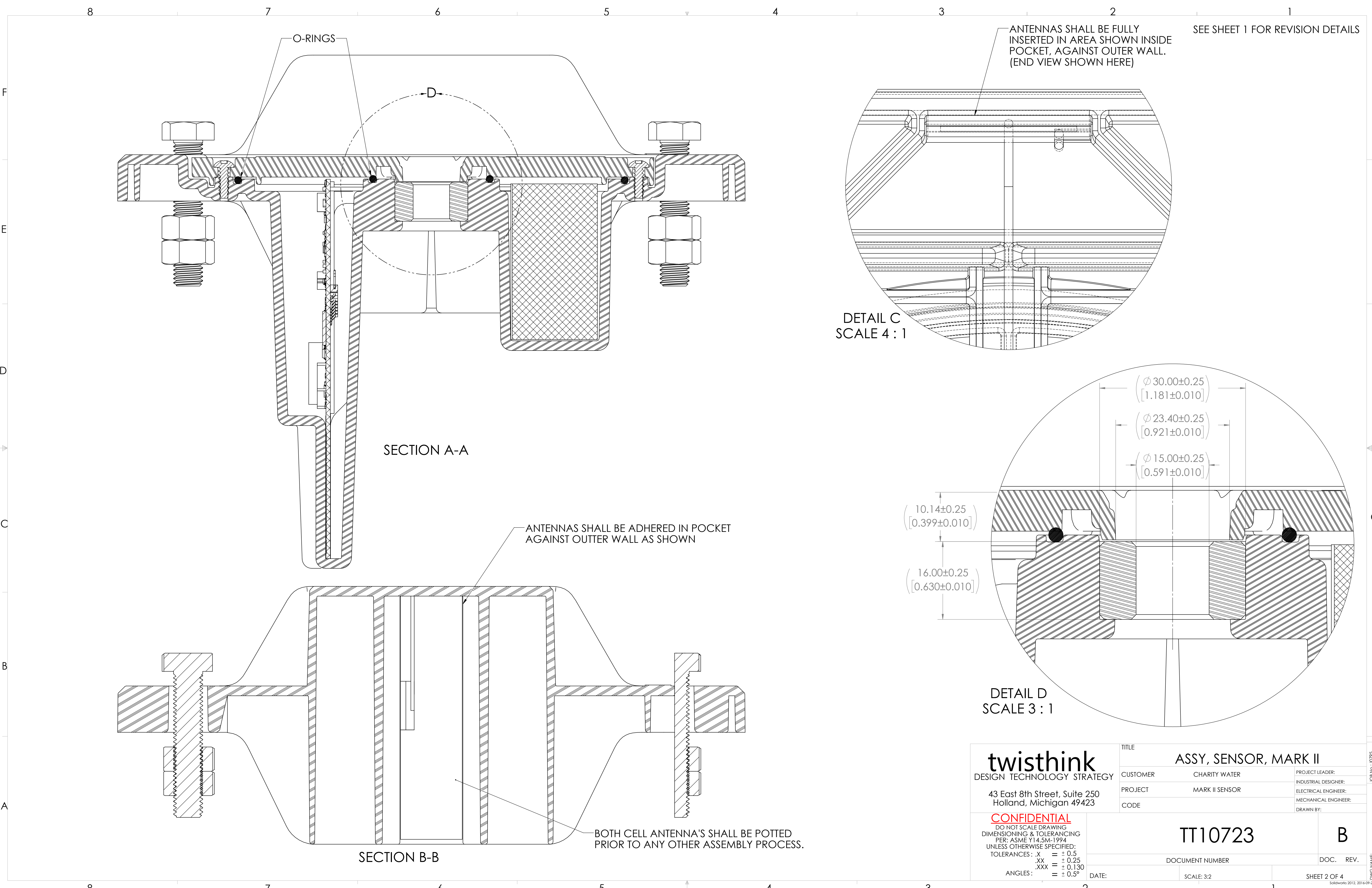
SCALE: 1:2

SHEET 1 OF 4

JOB No.: 10795

DWG NAME









—2X - FEED THRU HOLES WILL NEED TO BE SEALED OFF PRIOR TO POTTING TO CONTAIN POTTING TO BOTTOM SIDE ONLY

SHEET 3 OF 4

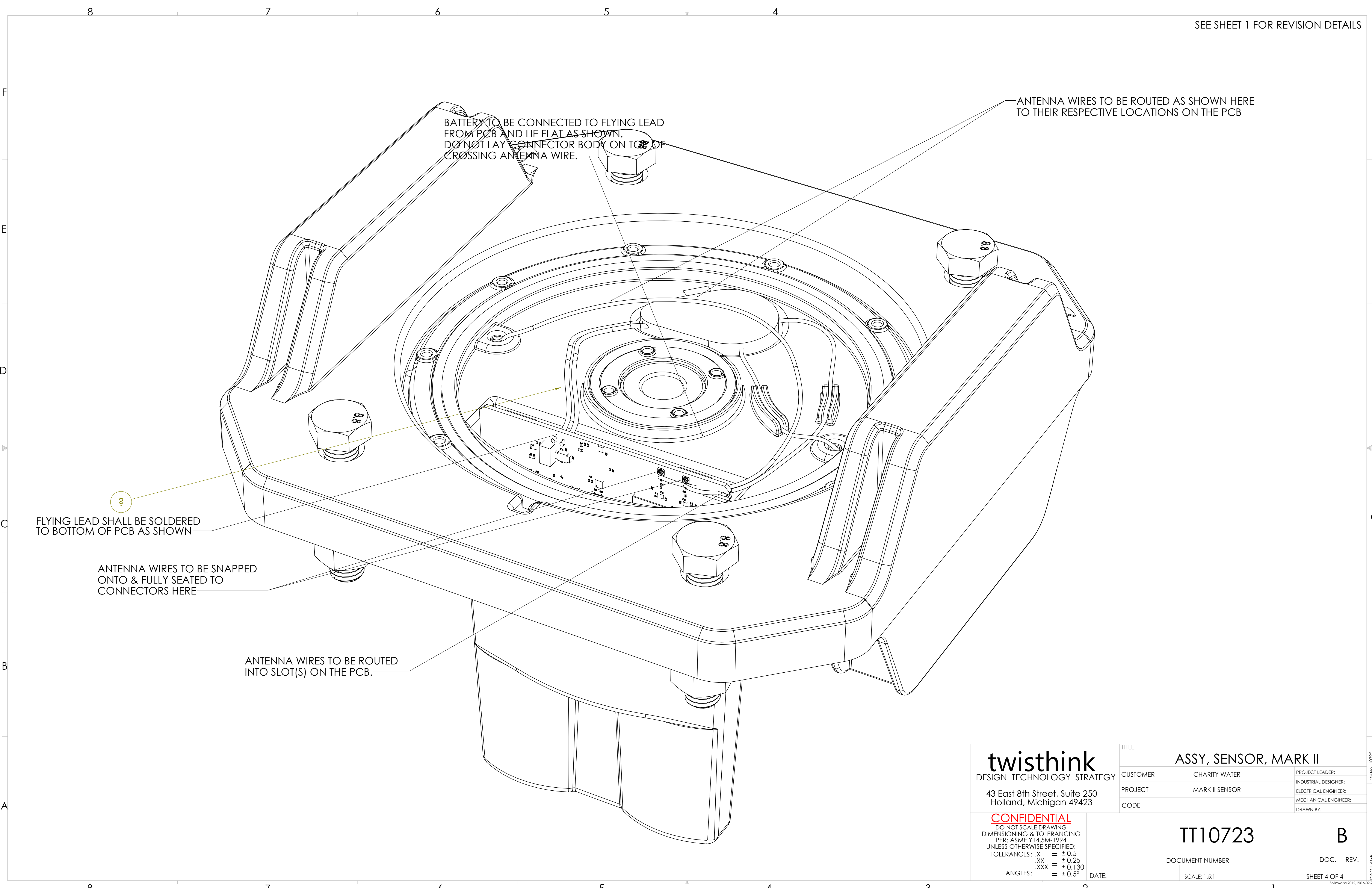


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TITLE ASSY, SENSOR, MARK II		PROJECT LEADER:
CUSTOMER CHARITY WATER	PROJECT MARK II SENSOR	INDUSTRIAL DESIGNER:
CODE		ELECTRICAL ENGINEER:
		MECHANICAL ENGINEER:
		DRAWN BY:

DOCUMENT NUMBER TT10723		DOC. REV. B
DATE:	SCALE: 1.5:1	SHEET 4 OF 4

JOB No.: 1075

DWG NAME