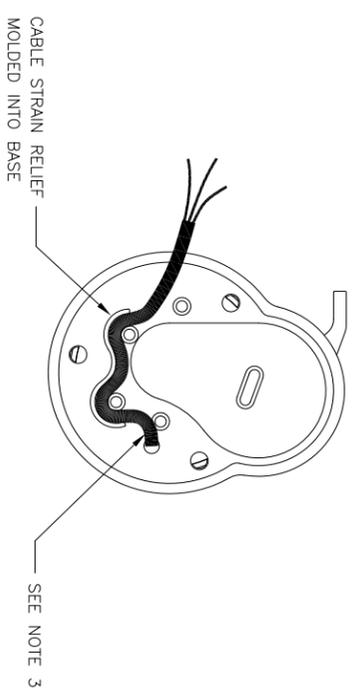
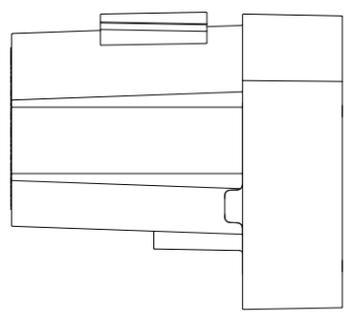
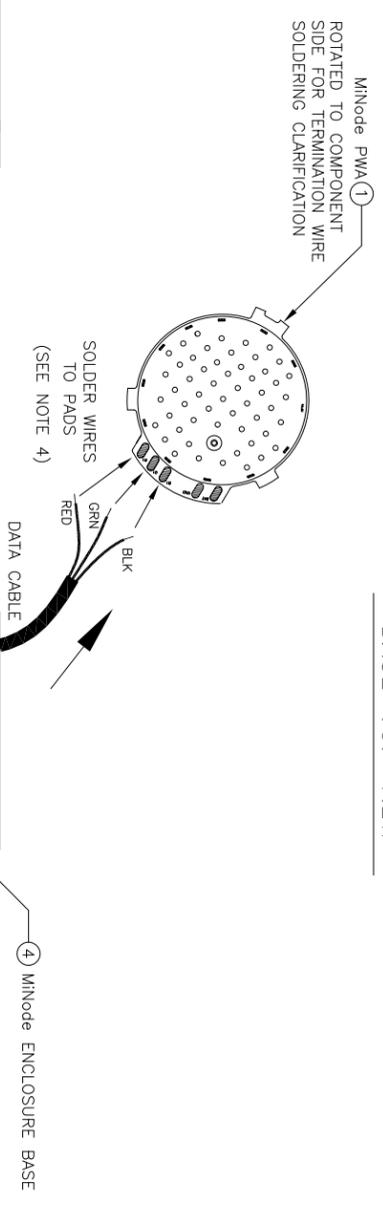


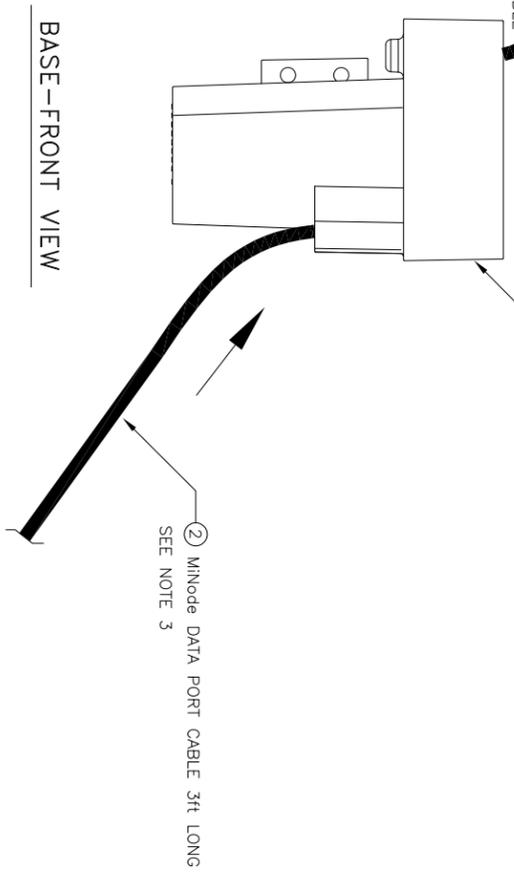
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
100	RELEASED PER ECN090010	06/09/09	



BASE-TOP VIEW



BASE-LEFT SIDE VIEW



BASE-FRONT VIEW

NOTES: UNLESS OTHERWISE SPECIFIED

- 1) THIS IS A STATIC SENSITIVE ASSEMBLY- USE STATIC ELIMINATING MEASURES DURING ASSEMBLY AND HANDLING.
- 2) MANUFACTURE TO IPC 610A CLASS 2 WORKMANSHIP STANDARDS

MINode ENCLOSURE ASSEMBLY INSTRUCTIONS

- 3) PLACE THE ENCLOSURE BASE (ITEM4) ON A FLAT SURFACE AND INSERT THE DATA PORT CABLE (ITEM2) THRU THE HOLE ON THE RIGHT SIDE & RUN IT THROUGH THE STRAIN RELIEF MOLDED INTO THE ENCLOSURE AS SHOWN IN THE TOP VIEW. BE SURE TO LEAVE ABOUT 1 INCH OF CABLE SLACK HANGING OUT THE TOP.
- 4) SOLDER THE 3 WIRES OF THE DATA PORT CABLE TO THE CONTACT PADS OF THE MINode PWA (ITEM1). INSERT THE WIRE INTO THE HOLES FROM THE COMPONENT SIDE AND SOLDER IN PLACE PER DIAGRAM AS FOLLOWS:
 - FROM THE BLACK WIRE TO THE "B1" PAD ON MINode PWA
 - FROM THE GREEN WIRE TO THE "G1" PAD ON MINode PWA
 - FROM THE RED WIRE TO THE "R1" PAD ON MINode PWA

INSTRUCTIONS CONTINUED ON SHEET 2

FOR PRODUCT STRUCTURE SEE 890-0024-003

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DWG file: 895-0024-003-1_A00

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES OR IN [MILLIMETERS]

TOLERANCES	
DECIMALS	ANGLES
X ± .03	± 1/2°
.XX ± .01	
.XXX ± .005	

MATERIAL	
FINISH	

APPROVALS		DATE
DRAWN BY:	M/FLM	06/05/09
CHECKED BY:		
APPROVED BY:		

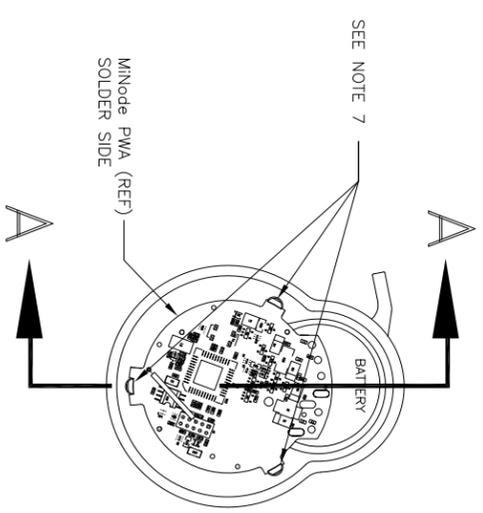
Mueller Systems

TITLE
ASSY & MODIFICATION DWG
MINode-WATER (1 PORT HI)
WITH 3 FT WIRE

SIZE	PART NO.	REV.
D	895-0024-003	100

SCALE 1:1 DO NOT SCALE DRAWING SHEET 1 OF 3

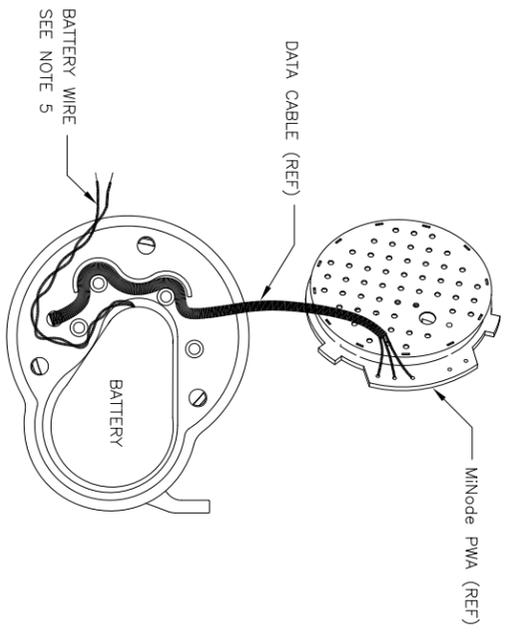
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	SEE SHEET 1 FOR REVISIONS		



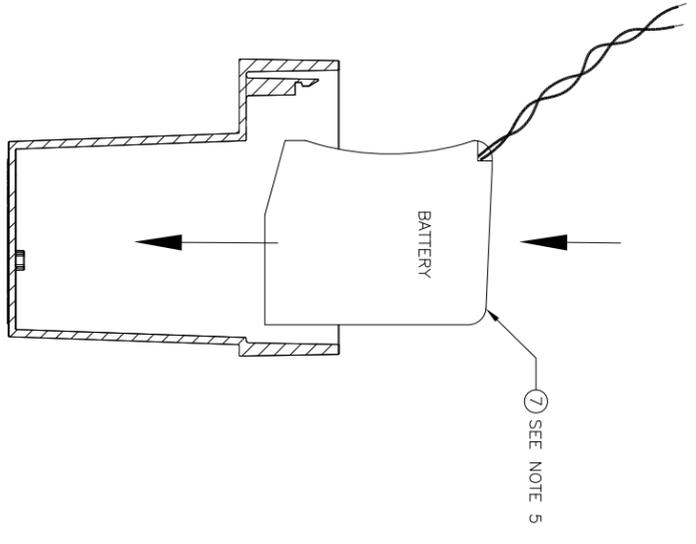
PWA INSTALL -TOP VIEW

- MINode ASSEMBLY INSTRUCTIONS – CONT FOM SHT 1
- INSTALL THE BATTERY (ITEM7) INTO THE BASE AS SHOWN AND LEAVE THE BATTERY WIRES HANGING OUT OF THE ENCLOSURE.
 - ONCE THE BATTERY IS IN PLACE, SOLDER THE WIRES TO THE PADS OF THE MINode PWA. INSERT THE WIRE INTO THE HOLES FROM THE COMPONENT SIDE AND SOLDER IN PLACE PER DIAGRAM AS FOLLOWS:
 - FROM THE BLACK WIRE TO THE "GND" PAD ON MINode PWA
 - FROM THE RED WIRE TO THE "BAT" PAD ON MINode PWA
 - ONCE THE BATTERY WIRES ARE SOLDERED, ROTATE THE MINode PWA SO THAT THE SHIELD IS FACING TOWARDS THE BATTERY & THE ANTENNA IS FACING UPWARDS. LINE UP THE 3 TABS OF THE ASSEMBLY WITH THE 3 LOCKING CLIPS OF THE BASE AND INSERT DOWN IN PLACE (SEE TOP VIEW). MOVE THE WIRES OF BATTERY AND THE DATA CABLE SO THAT THEY DON'T INTERFERE WITH THE INSTALLATION.

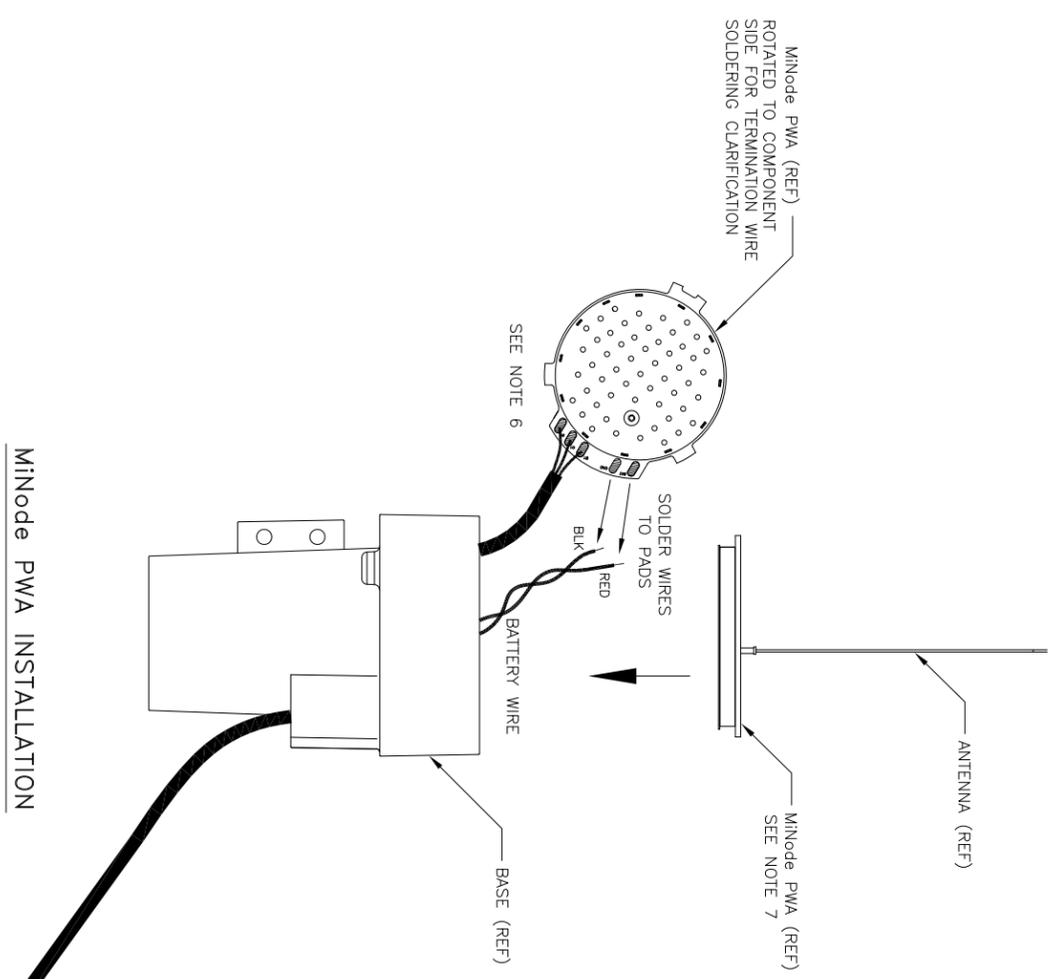
INSTRUCTIONS CONTINUED ON SHEET 3



BATTERY INSTALL-TOP VIEW



BATTERY INSTALLATION
(ROTATED TO SIDE VIEW FOR CLARITY)



MINode PWA INSTALLATION

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DWG file: 895-0024-003-2-100

SIZE	PART NO.	REV.
D	895-0024-003	100
SCALE: NONE	DO NOT SCALE DRAWING	SHEET 2 OF 3

