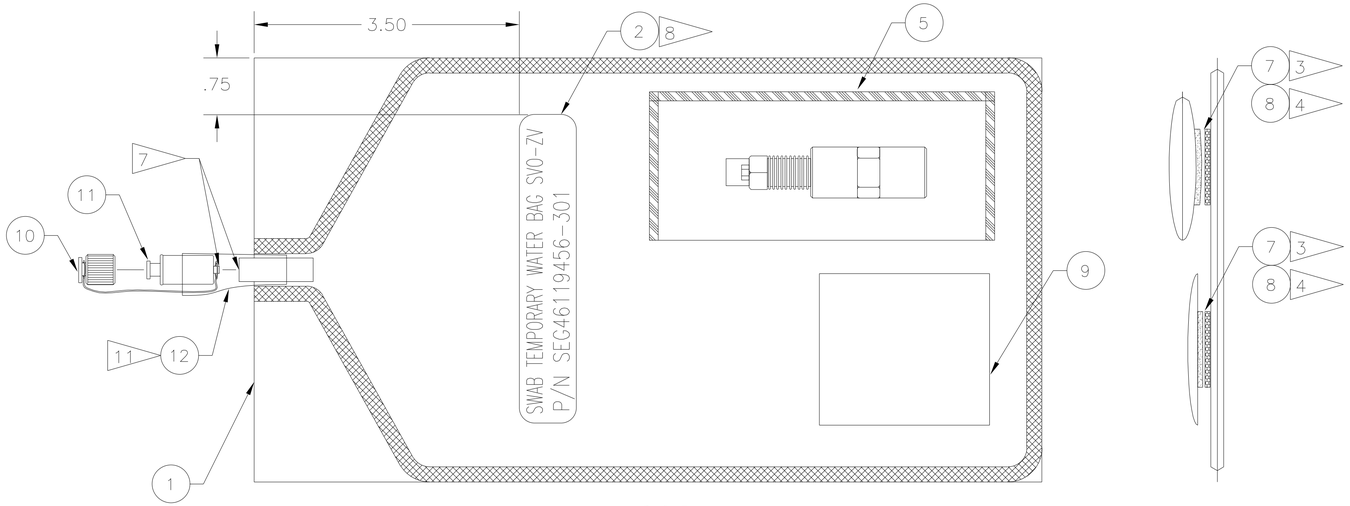
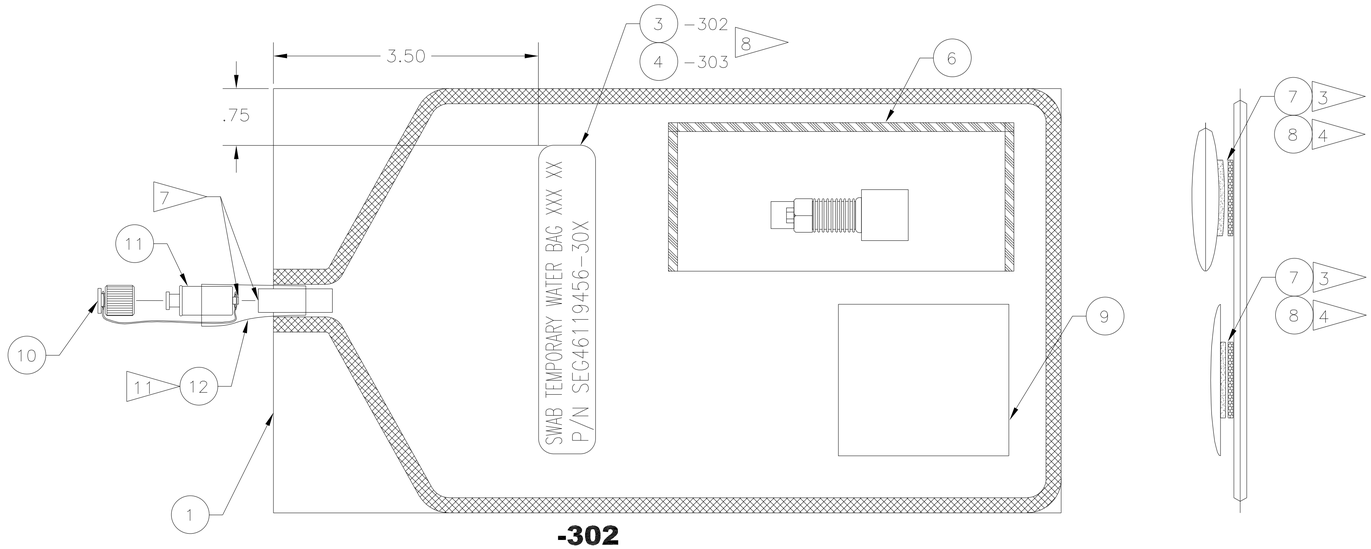
LTR	ZONE	REVISION



-301



-302
-303

PRELIMINARY DWG
12/23/03
FOR ENGINEERING REVIEW ONLY

	-303	-302	-301	PART NUMBER	DESCRIPTION	MATERIAL	SPECIFICATION	ITEM
	AR	AR	AR	EA9460	EPOXY		10	13
	AR	AR	AR	M23053/8-008-C	SHRINK TUBING		MIL-I-23053	12
	1	1	1	80363	LUER LOCK VALVE, NEEDLELESS	POLYPROPYLENE, PVC, SILICONE	9	11
	1	1	1	65455	MALE LUER CAP WITH STRAP, NON VENTED, WHITE, ID .212" TUBE END	POLYETHYLENE, PVC	9	10
	1	1	1	D35100	BZK ANTISEPTIC TOWELETTE	BENZALKONIUM CHLORIDE FABRIC W/ OVERWRAP PAPER	6	9
	1	1	1	191033	FASTENER TAPE, HOOK	NYLON WHITE, ADH BACK 1.0 X 1.0	2	8
	1	1	1	190959	FASTENER TAPE, LOOP	NYLON WHITE, ADH BACK 1.0 X 1.0	2	7
	1	1		SEM46110793-306	WATER SAMPLE ASSY, PORTABLE, STERILE			6
			1	SEM46110793-305	ADAPTER PROBE ASSY, SVO-ZV PORT			5
2	1			SEG46119460-006	SWAB TEMPORARY WATER BAG SRV-K WARM LABEL			4
2		1		SEG46119460-005	SWAB TEMPORARY WATER BAG SRV-K HOT LABEL			3
2			1	SEG46119460-004	SWAB TEMPORARY WATER BAG SVO-ZV LABEL			2
	1	1	1	IP-0271	WATER BAG		1	1
	X			-303	SWAB TEMPORARY WATER BAG SRV-K WARM			
		X		-302	SWAB TEMPORARY WATER BAG SRV-K HOT			
			X	-301	SWAB TEMPORARY WATER BAG SVO-ZV			

11 APPLY HEAT SHRINK TUBING (ITEM 12) FROM STEM OF THE TEFLON WATER BAG (ITEM 1) OVER THE LIP OF THE LUER LOCK VALVE (ITEM 11). TRIM EXCESS AS NECESSARY.

10 DEXTER CORP, WINSOR LOCKS, CT

9 QOSINA, EDGEWOOD, NY

FLAG NOTES:

5. THIS ASSEMBLY DOES NOT CONTAIN FRACTURE CRITICAL PARTS.
4. CLEAN TO LEVEL GC PER NASA/JSC PRC-5001; WIPE CLEAN ALL SURFACES.
3. ALL DIMENSION ARE IN INCHES.
2. FABRICATE PER NASA/JSC SKZ36103755, JSC FABRICATION TOLERANCES AND PRACTICES.
1. INTERPRET DRAWING PER NASA/JSC JPG 8500.4, ENGINEERING DRAWING SYSTEM MANUAL.

NOTES: UNLESS OTHERWISE SPECIFIED

8 APPLY MARKING DECAL PER NASA/JSC 9002. LOCATE APPROXIMATELY AS SHOWN.

7 ROUGH SURFACE OF THE STEM OF THE TEFLON WATER BAG (ITEM 1) PRIOR TO APPLYING EPOXY (ITEM 13) TO THE THREADS OF THE TEFLON WATER BAG STEM AND ON THE INSIDE OF THE LUER LOCK VALVE (ITEM 11). LET CURE AT ROOM TEMPERATURE FOR 24 HOURS PRIOR TO HANDELING THE ASSEMBLY. EPOXY MUST BE CURED BEFORE APPLY HEAT SHRINK TUBING (ITEM 12) DO NOT BLOCK THE HOLE/PASSAGE WAY OF THE CONNECTOR WHERE AS TO RESTRICT FLUID FLOW.

6 PROFESSIONAL DISPOSABLES, ORANGEBERG, NY

5 HISCO, HOUSTON, TX

4 AFFIX FASTENER HOOK (ITEM 8) TO ITEMS 5, 6 AND 9 PER MANUFACTURES INSTRUCTIONS. APPLY APPROXIMATELY AS SHOWN.

3 AFFIX FASTENER LOOP (ITEM 7) TO WATER BAG (ITEM 1) PER MANUFACTURES INSTRUCTIONS. APPLY APPROXIMATELY AS SHOWN.

2 VELCRO USA, MANCHESTER, NH

1 AMERICAN FLUOROSEAL CORP., GAITHERSBURG, MD

FLAG NOTES:

UNLESS NOTED OTHERWISE DIM ARE IN INCHES, TOL ARE .0 ±.1 .000 ±.005 .00 ±.02 ANGLAR ±.5°

SURFACE FINISH IN MICROINCHES RMS UNLESS NOTED OTHERWISE ✓

FRACTURE CRITICAL ☐ YES ☒ NO

NEXT ASSY SJG46120231

EQUIPMENT TYPE ☒ FLT HDWR ☐ APPLICABLE GSE ☐ OTHER (SPECIFY) _____

SIGNATURES		DATE
DR	A. MISSICK	03/12/23
ENG	A. TUCKER	03/12/23
CH	TBD	03/12/23
APP		
QE		
MAT'L		
STRESS		
AUTH		

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS

SWAB TEMPORARY WATER BAG ASSEMBLY

PROJECT E049 SWAB EXPERIMENT

SIZE D | CAGE CODE 21356 | DWG NO SEG46119456 | REV

SCALE NONE | ORG EB4 | FMT A01OCT02 | SHEET 1 OF 1