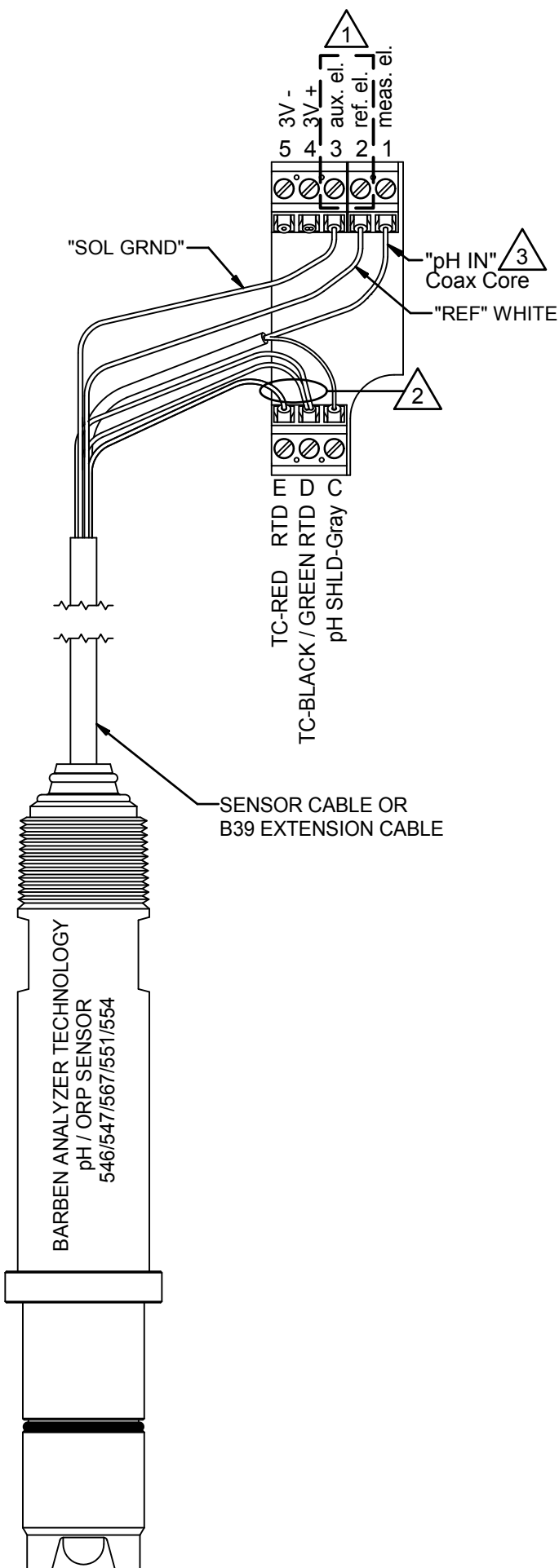


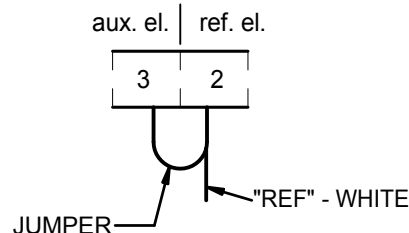
BARBEN ANALYZER TECHNOLOGY (BAT) pH/ORP SENSOR - WIRED TO KNICK STRATOS 2402pH / 2405pH
 BAT SENSOR CONFIGURATION: "E" TERMINATION



"IMPORTANT WARNING"

1 THE WIRING SHOWS A SENSOR WITH A "SOL GRND" WHICH IS AVAILABLE IN MODELS WITH (GT, UT & LT) e.g. (B-V-546-X-LT-X-X-X-X-X)

FOR SENSORS WITHOUT SOLUTION GROUND (FT, ST & DT) YOU MUST INSTALL A JUMPER



AND SENSOR DIAGNOSTICS MUST BE TURNED OFF.

2 FOR SENSORS W/O TC, DISREGARD TC WIRES. PROGRAM ANALYZER FOR MANUAL TEMPERATURE COMPENSATION.

NOTE: 2402PH/2405PH ACCEPTS 2-WIRE TC's. USERS CAN WIRE AS SHOWN OR IF PREFERRED CUT BACK GREEN "TC RET" LEAD IF SUPPLIED.

3 FOR ORP SENSORS COAX CORE WILL BE LABELED "ORP IN" AND WIRING IS THE SAME.

ANALYZER CONFIGURATION AND SETTINGS

• WIRING

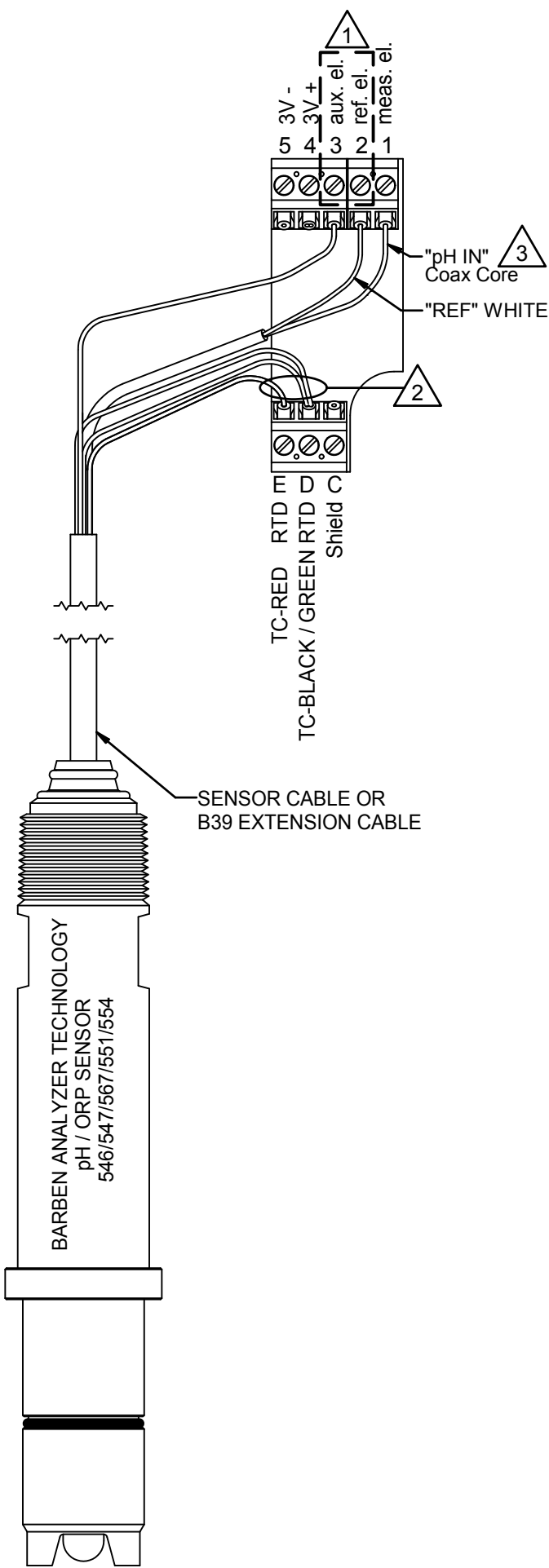
Description	Terminal - Lable
3 "pH IN" - Coax Core Wire	(1) Meas. El.
"REF" - White	(2) Ref. El.
"SOL GRND" - Clear (Drain)	(3) Aux. El.
"pH SHLD" - Coax Shield	(C) Shield
"TC RET" - Green (PT100, PT1000)	(D) RTD
"TC SNSE" - Black	(D) RTD
"TC IN" - Red	(E) RTD

- Select PT100, PT1000, 8550Ω or 3.01KΩ Balco (2405PH Only)
- Select automatic temperature compensation mode.

-	07/15/13	INITIAL	WC	JL
REV	DATE	DESCRIPTION	DWN	APVD

REVISIONS				
BAT pH/ORP SENSOR "E" TERMINATION KNICK STRATOS 2402pH / STRATOS 2405pH				
FOR 2402PH/2405PH TO BAT pH SENSORS				
DIMENSIONS IN INCHES				
TOLERANCES		Analyzer Technology, LLC O'BRIEN 5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)297-4740		
.0 ± .015"		DRAWN BY W. COWAN		
.00 ± .010"		ECO		
.000 ± .005"		DRAWING NO 1727		
FRACTIONAL ALL ± .015"		APVD BY J. LANG		
ANGLES ± 1/4°		DATE 07/15/2013		
UNLESS OTHERWISE SPECIFIED		SCALE 1:1		
		SIZE A		
		SHEET 1 OF 2		

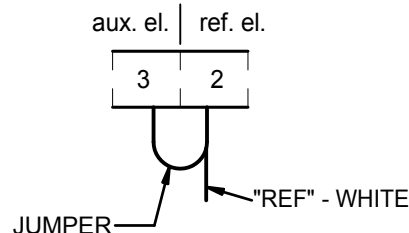
BARBEN ANALYZER TECHNOLOGY (BAT) pH/ORP SENSOR - WIRED TO KNICK STRATOS 2402pH / 2405pH
 BAT SENSOR CONFIGURATION: "C" TERMINATION



"IMPORTANT WARNING"

1 THE WIRING SHOWS A SENSOR WITH A "SOL GRND" WHICH IS AVAILABLE IN MODELS WITH (GT, UT & LT) e.g. (B-V-546-X-LT-X-X-X-X-X)

FOR SENSORS WITHOUT SOLUTION GROUND (FT, ST & DT) YOU MUST INSTALL A JUMPER



AND SENSOR DIAGNOSTICS MUST BE TURNED OFF.

2 FOR SENSORS W/O TC, DISREGARD TC WIRES. PROGRAM ANALYZER FOR MANUAL TEMPERATURE COMPENSATION.

NOTE: 2402PH/2405PH ACCEPTS 2-WIRE TC's. USERS CAN WIRE AS SHOWN OR IF PREFERRED CUT BACK GREEN "TC RET" LEAD IF SUPPLIED.

3 FOR ORP SENSORS COAX CORE WILL BE LABELED "ORP IN" AND WIRING IS THE SAME.

ANALYZER CONFIGURATION AND SETTINGS

• WIRING

Description	Terminal
3 "pH IN" - Coax Core Wire	(1) Meas. El.
"REF" - White	(2) Ref. El.
"SOL GRND" - Clear (Drain)	(3) Aux. El.
"TC RET" - Green	(D) RTD
"TC SNSE" - Black	(D) RTD
"TC IN" - Red	(E) RTD

- Select PT100, PT1000, 8550Ω or 3.01K Balco (2405PH Only)
- Select automatic temperature compensation mode.

-	07/15/13	INITIAL	WC	JL
REV	DATE	DESCRIPTION	DWN	APVD

REVISIONS				
BAT pH/ORP SENSOR "E" TERMINATION KNICK STRATOS 2402pH / STRATOS 2405pH				
FOR 2402PH/2405PH TO BAT pH SENSORS				
DIMENSIONS IN INCHES		 BARBEN ANALYZER TECHNOLOGY, LLC O'BRIEN		
TOLERANCES				
.0 ± .015" .00 ± .010" .000 ± .005"				
FRACTIONAL ALL ± .015"		5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)297-4740		
ANGLES ± 1/4°		DRAWN BY W. COWAN		DRAWING NO
UNLESS OTHERWISE SPECIFIED		APVD BY J. LANG		2P0275
		DATE 07/15/2013	SCALE 1:1	SHEET 2 OF 2