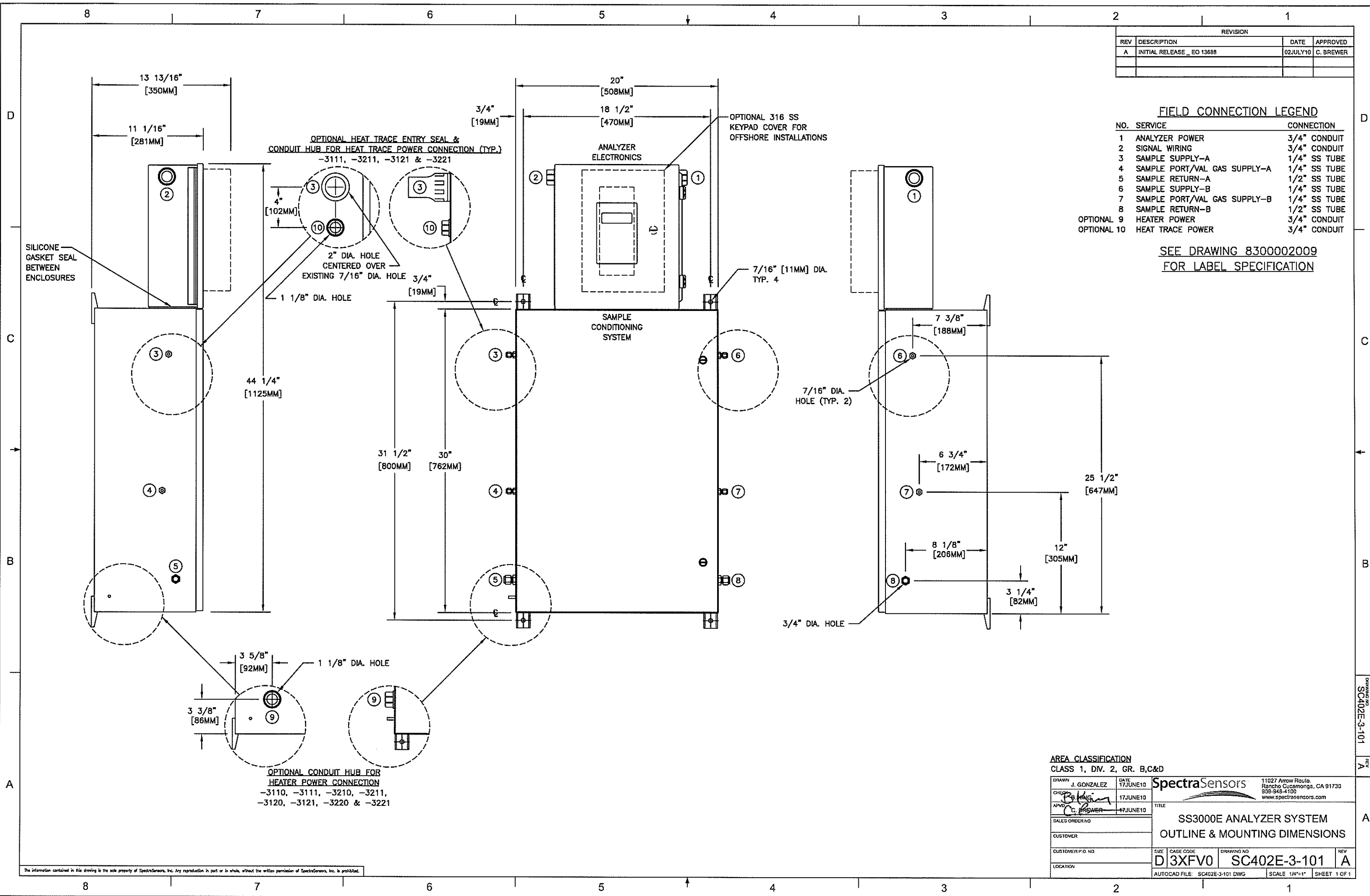


REVISION			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE - EO 13688	02JULY10	C. BREWER

FIELD CONNECTION LEGEND		
NO.	SERVICE	CONNECTION
1	ANALYZER POWER	3/4" CONDUIT
2	SIGNAL WIRING	3/4" CONDUIT
3	SAMPLE SUPPLY-A	1/4" SS TUBE
4	SAMPLE PORT/VAL GAS SUPPLY-A	1/4" SS TUBE
5	SAMPLE RETURN-A	1/2" SS TUBE
6	SAMPLE SUPPLY-B	1/4" SS TUBE
7	SAMPLE PORT/VAL GAS SUPPLY-B	1/4" SS TUBE
8	SAMPLE RETURN-B	1/2" SS TUBE
9	HEATER POWER	3/4" CONDUIT
10	HEAT TRACE POWER	3/4" CONDUIT

SEE DRAWING 830002009
FOR LABEL SPECIFICATION



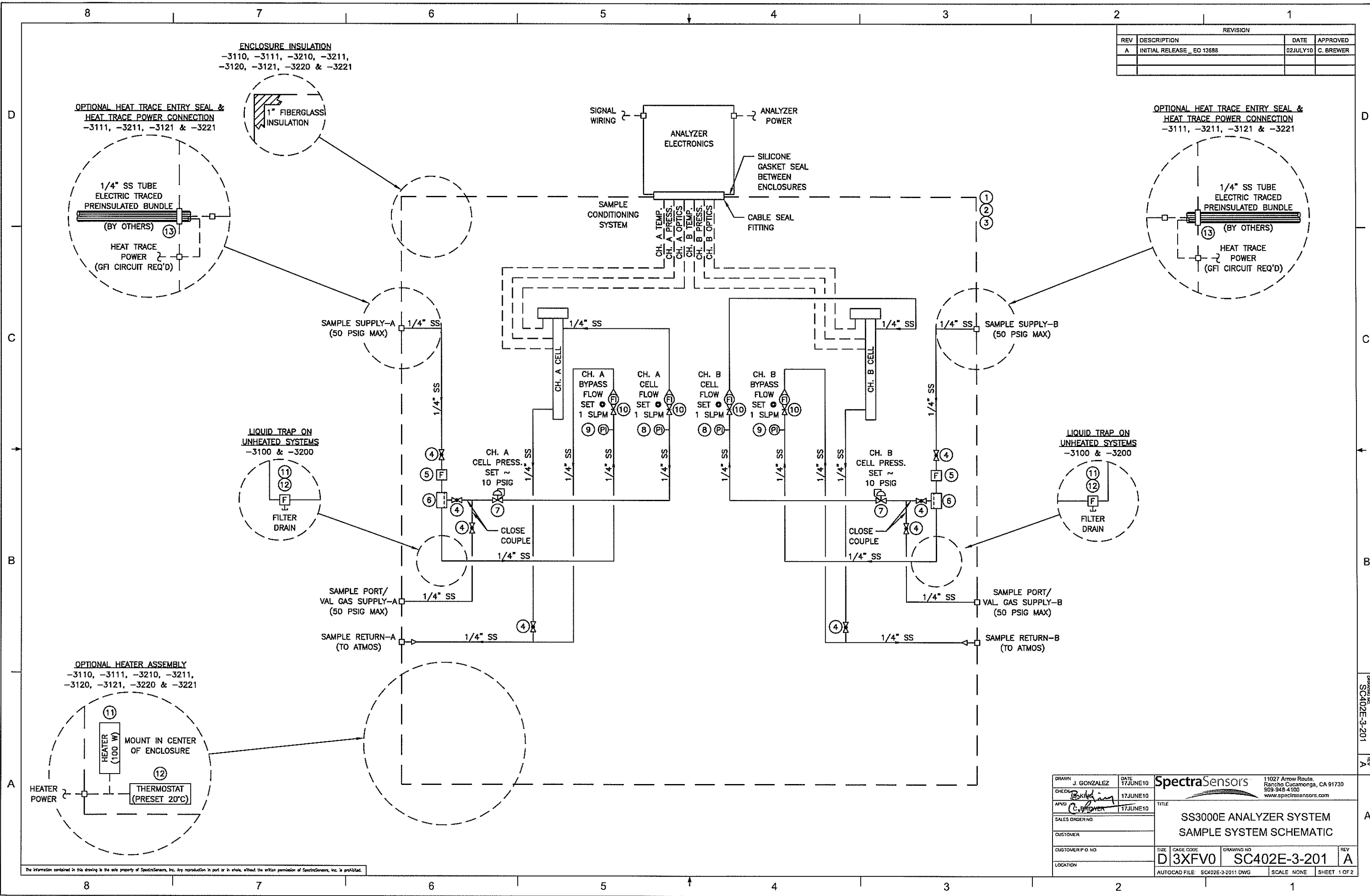
AREA CLASSIFICATION

CLASS 1, DIV. 2, GR. B,C&D

DRAWN J. GONZALEZ	DATE 17JUNE10		11027 Arrow Route, Rancho Cucamonga, CA 91730 909-948-4109 www.spectrasensors.com
DESIGN B. KING	DATE 17JUNE10		TITLE SS3000E ANALYZER SYSTEM OUTLINE & MOUNTING DIMENSIONS
APVD C. BREWER	DATE 17JUNE10	CUSTOMER	SALES ORDER NO.
CUSTOMER P.O. NO.	SIZE D 3XFV0	CAGE CODE	DRAWING NO. SC402E-3-101
LOCATION	AUTOCAD FILE SC402E-3-101.DWG	SCALE 1/4"=1"	REV A
		SHEET 1 OF 1	

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REVISION			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE_EO 13688	02JULY10	C. BREWER



ENCLOSURE INSULATION
 -3110, -3111, -3210, -3211,
 -3120, -3121, -3220 & -3221

OPTIONAL HEAT TRACE ENTRY SEAL & HEAT TRACE POWER CONNECTION
 -3111, -3211, -3121 & -3221

OPTIONAL HEAT TRACE ENTRY SEAL & HEAT TRACE POWER CONNECTION
 -3111, -3211, -3121 & -3221

LIQUID TRAP ON UNHEATED SYSTEMS
 -3100 & -3200

LIQUID TRAP ON UNHEATED SYSTEMS
 -3100 & -3200

OPTIONAL HEATER ASSEMBLY
 -3110, -3111, -3210, -3211,
 -3120, -3121, -3220 & -3221

DRAWN J. GONZALEZ	DATE 17JUNE10	SpectraSensors		11027 Arrow Route, Rancho Cucamonga, CA 91730 909-948-4100 www.spectrasensors.com
CHECKED [Signature]	DATE 17JUNE10	TITLE SS3000E ANALYZER SYSTEM SAMPLE SYSTEM SCHEMATIC		
APPROVED C. BREWER	DATE 17JUNE10	CUSTOMER		
SALES ORDER NO.		CUSTOMER P.O. NO.		
CUSTOMER		SIZE D	CAGE CODE 3XFV0	DRAWING NO. SC402E-3-201
LOCATION		AUTOCAD FILE: SC402E-3-2011.DWG		SCALE: NONE
				REV A
				SHEET 1 OF 2

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DRAWING NO. SC402E-3-201
 REV. A

REVISION			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE _ EO 13588	02JULY10	C. BREWER

BILL OF MATERIALS

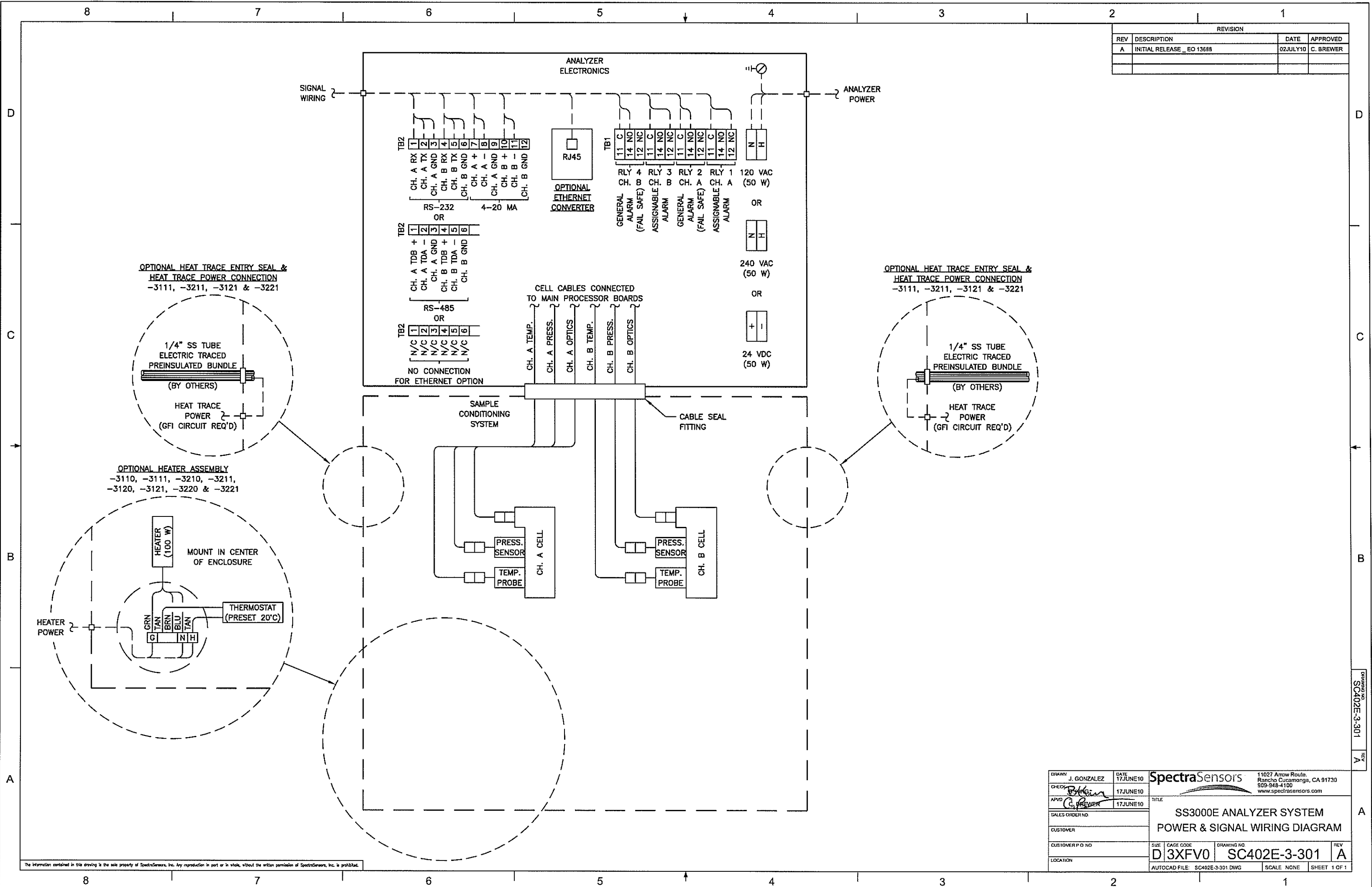
	ITEM	QTY	DESCRIPTION	MANUFACTURER	PART NO.	SSI PART NO.
FOR -31XX	{ 1	1	ASSY, SHS ENCLOSURE, E-SERIES, 30X20, 304	SPECTRASENSORS	8000002547	8000002547
	{ 2	1	MOUNTING BRACKET KIT (SS)	HOFFMAN	CMFKSS	140040001
FOR -32XX	{ 1	1	ASSY, SHS ENCLOSURE, E-SERIES, 30X20, 316	SPECTRASENSORS	8000002548	8000002548
	{ 2	1	MOUNTING BRACKET KIT (SS)	HOFFMAN	CMFKSS	140040001
	3	1	PANEL, SHS, E-SERIES, 2-CHAN, 2-STREAM	SPECTRASENSORS	SPECTRASENSORS	1400002254
	4	8	BALL VALVE, 1/4" TF (SS)	SWAGelok	SS-42GS4	6130304254
	5	2	FILTER (TEE-TYPE), 7 MICRON, 1/4" TF (SS)	SWAGelok	SS-4TF-7	6101520074
	6	2	MEMBRANE SEPARATOR, 1/4" FNPT (SS)	A+ CORP	120-005-SS	6101671208
	7	2	PRESS. REGULATOR, 25 PSIG, 1/4" FNPT (SS)	GO	PR1-1A11A3D111	6132125254
	8	2	PRESS. GAUGE (1.5"), 30 PSIG, 1/8" MNPT (SS)	MCDANIEL	SBL	6100002004
	9	2	PRESS. GAUGE (1.5"), 60 PSIG, 1/8" MNPT (SS)	MCDANIEL	SCL	6200000006
	10	4	FLOWMETER (W/VALVE), 2 SLP, 1/4" FNPT (SS)	KING	74C123G081123810	6134100274
FOR -3X00	{ 11	2	FILTER (GLASS BOWL), 1/4" FNPT (SS)	UFS/HEADLINE	117G	6101510004
	{ 12	2	FILTER ELEMENT, MICROFIBER	UFS/HEADLINE	12-32-70K	6101614001
FOR -3X1X	{ 11	1	HEATER (DIV. 1), 100 W, 120 VAC	INTERTEC	CNA100T3-120V	5300002017
	{ 12	1	THERMOSTAT (DIV. 1), PRESET 20°C	INTERTEC	AT-X/2	5300002003
FOR -3X2X	{ 11	1	HEATER (DIV. 1), 100 W, 240 VAC	INTERTEC	CNA100T3-240V	5300002018
	{ 12	1	THERMOSTAT (DIV. 1), PRESET 20°C	INTERTEC	AT-X/2	5300002003
FOR -3XX1	13	2	HEAT TRACE ENTRY SEAL, 2.10" ID	INTERTEC	ISS4S	6100002161

DRAWN J. GONZALEZ	DATE 17JUNE10	SpectraSensors		11027 Arrow Route, Rancho Cucamonga, CA 91730 909-948-4100 www.spectrasensors.com
CHECKED <i>[Signature]</i>	17JUNE10	TITLE SS3000E ANALYZER SYSTEM SAMPLE SYSTEM SCHEMATIC		
APPROVED C. BREWER	17JUNE10	SIZE D	CAGE CODE 3XFV0	DRAWING NO. SC402E-3-201
SALES ORDER NO.		CUSTOMER		REV A
CUSTOMER P O NO.		AUTOCAD FILE: SC402E-3-2012.DWG		SCALE: NONE
LOCATION		SHEET 2 OF 2		

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DRAWING NO. SC402E-3-201 REV. A

REVISION			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE - EO 13688	02JULY10	C. BREWER



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DRAWN J. GONZALEZ	DATE 17JUNE10	SpectraSensors 11027 Arrow Route, Rancho Cucamonga, CA 91730 909-948-4100 www.spectrasensors.com
CHECKED <i>[Signature]</i>	DATE 17JUNE10	
APPROVED C. BREWER	DATE 17JUNE10	TITLE SS3000E ANALYZER SYSTEM POWER & SIGNAL WIRING DIAGRAM
SALES ORDER NO.	CUSTOMER	SIZE D
CUSTOMER P.O. NO.	CAGE CODE 3XFV0	DRAWING NO. SC402E-3-301
LOCATION	AUTOCAD FILE SC402E-3-301.DWG	SCALE NONE
		REV A
		SHEET 1 OF 1

DRAWING NO. SC402E-3-301

REV A