REVISIONS					
REV	ACTION	DRAWN	CHECKED	APPROVED	DATE
AA	L15485	BUSHNELL	KASTNER	BUSHNELL	04/27/04

ASSEMBLY/QUANTITY	ITEM NO.	PART NUMBER	DESCRIPTION	REF/ZONE DESIG MATERIAL	UNIT MEAS

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMAL .XX ± — .XXX ± —
ANGULAR ± —

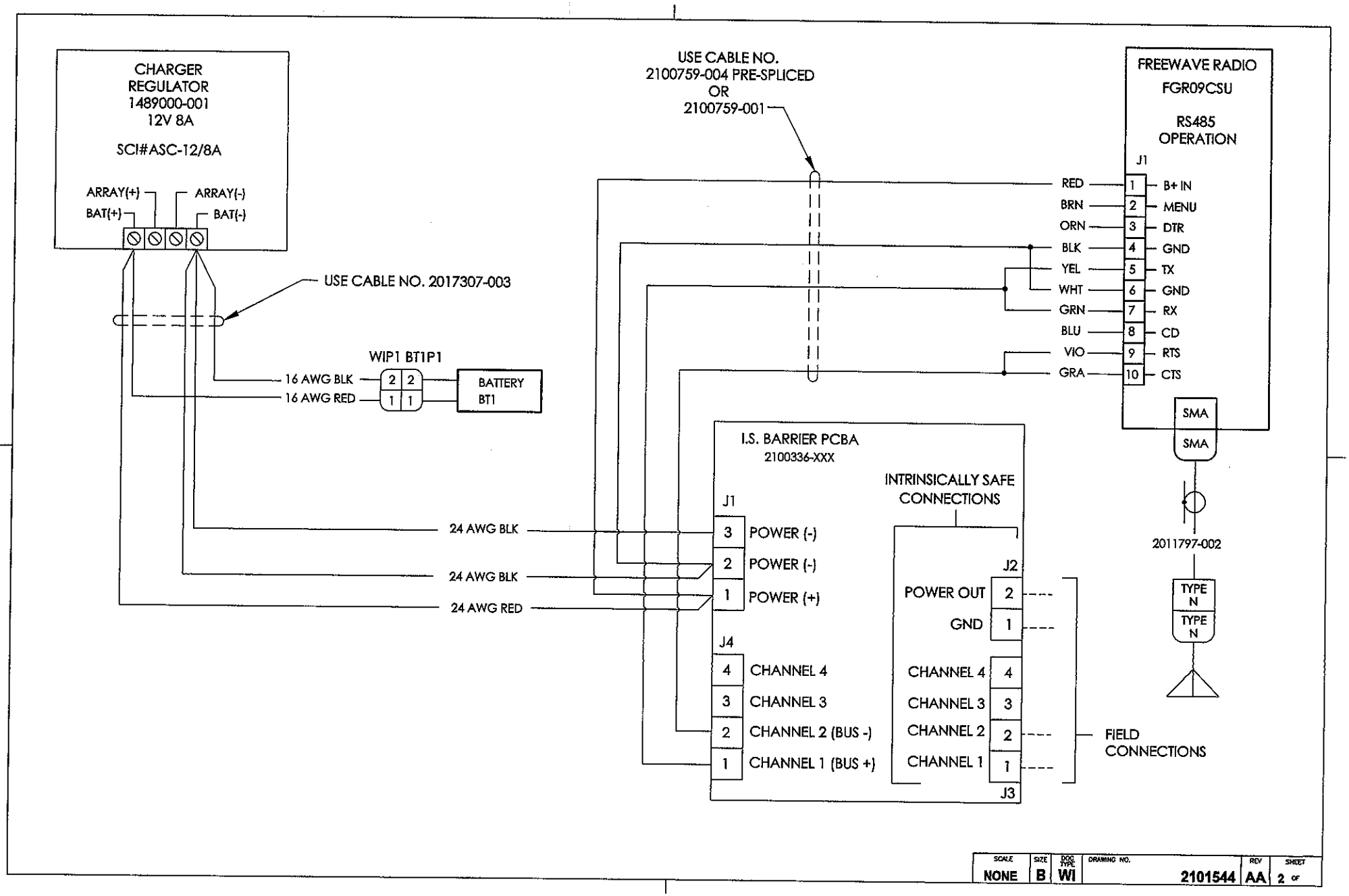
BREAK ALL SHARP CORNERS AND EDGES
DIMENSIONS APPLY BEFORE FINISH

PRODUCT LINE TOTALFLOW®	LEVEL 3	
DESIGN J. BUSHNELL	DATE 04/04	
DRAWN A. KASTNER	04/04/21	
CHECKED A. KASTNER	04/04/21	
APPROVED J. BUSHNELL	04/04/21	

ABB TOTALFLOW Products

TITLE
WIRING INTERCONNECT
SCI CHGR REG TO I.S. BARRIER & FREEWAVE
WI

SCALE	SIZE	DOC TYPE	DRAWING NO.	REV	SHEET
NONE	B	WI	2101544	AA	1 OF 2


CHARGER
REGULATOR
1489000-001
12V 8A
SCI#ASC-12/8A
ARRAY(+)
ARRAY(-)
BAT(+)
BAT(-)
USE CABLE NO. 2017307-003
WIP1 BT1P1
16 AWG BLK
16 AWG RED
BATTERY
BT1
USE CABLE NO.
2100759-004 PRE-SPLICED
OR
2100759-001
FREEWAVE RADIO
FGR09CSU
RS485
OPERATION
J1
RED 1 B+ IN
BRN 2 MENU
ORN 3 DTR
BLK 4 GND
YEL 5 TX
WHT 6 GND
GRN 7 RX
BLU 8 CD
VIO 9 RTS
GRA 10 CTS
SMA
SMA
2011797-002
TYPE N
TYPE N
I.S. BARRIER PCBA
2100336-XXX
INTRINSICALLY SAFE
CONNECTIONS
J1
24 AWG BLK
24 AWG BLK
24 AWG RED
3 POWER (-)
2 POWER (-)
1 POWER (+)
J4
4 CHANNEL 4
3 CHANNEL 3
2 CHANNEL 2 (BUS -)
1 CHANNEL 1 (BUS +)
J2
POWER OUT 2
GND 1
CHANNEL 4 4
CHANNEL 3 3
CHANNEL 2 2
CHANNEL 1 1
J3
FIELD
CONNECTIONS
SCALE NONE
SIZE B
DOC TYPE WI
DRAWING NO. 2101544
REV AA
SHEET 2 OF