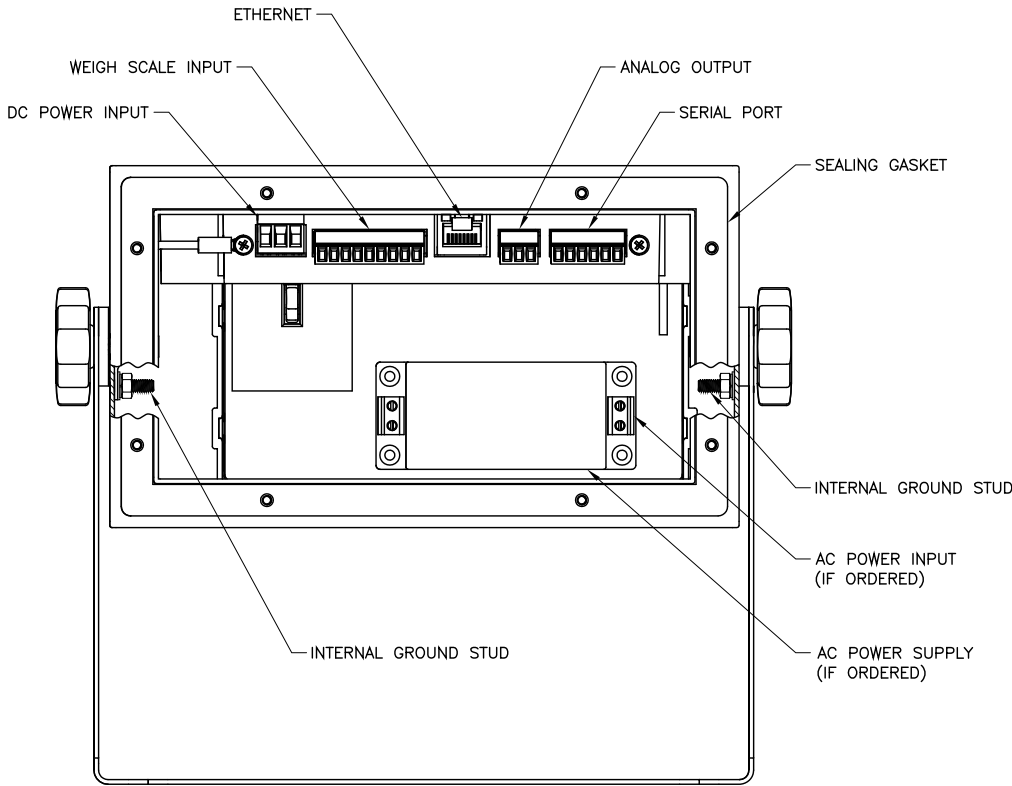
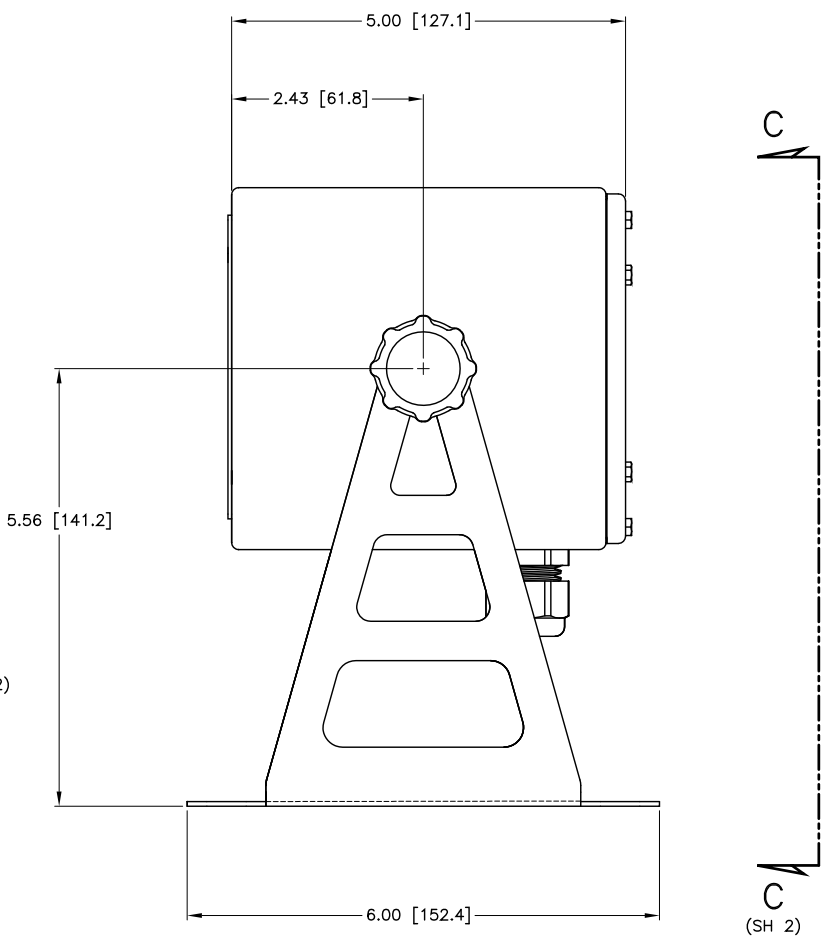
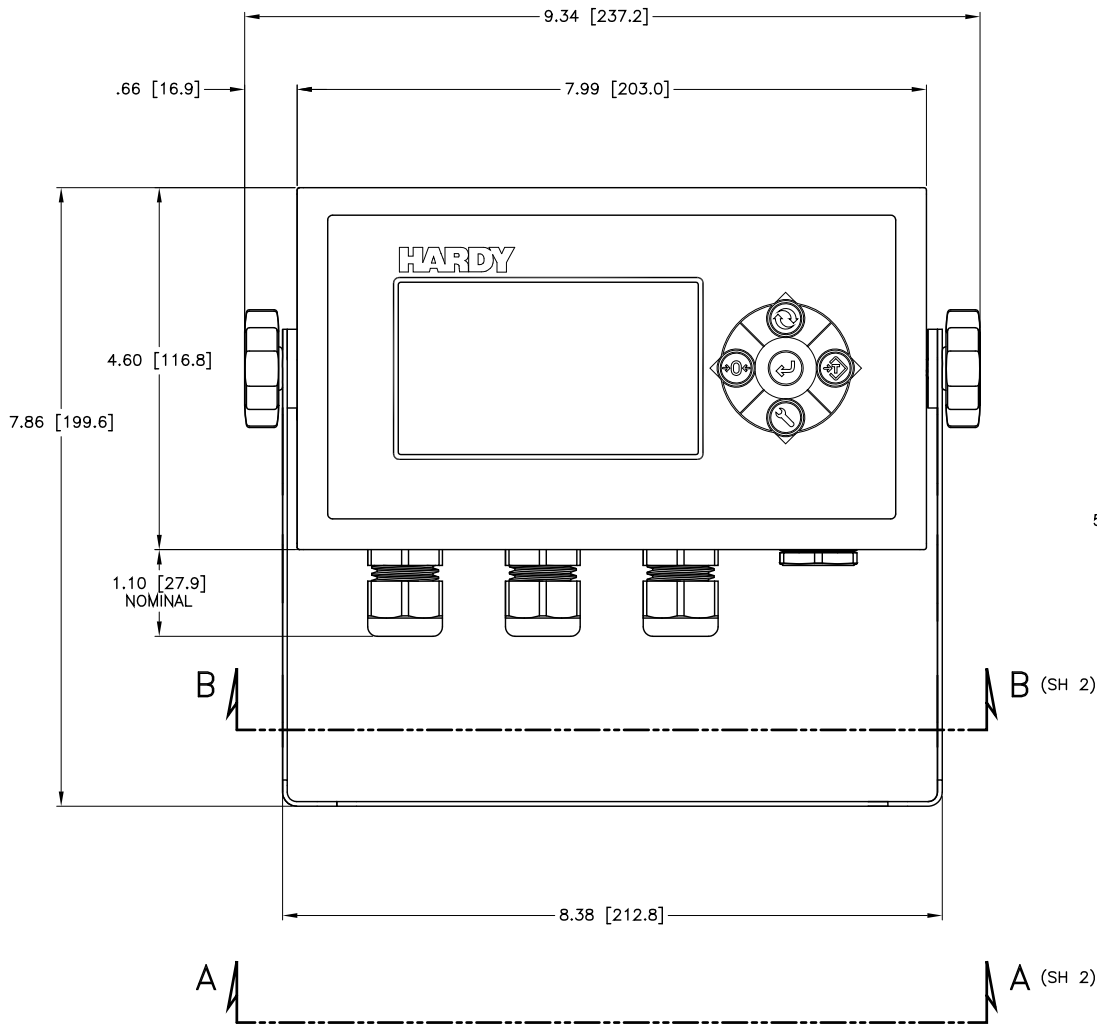


HI 6510 SME SERIES WEIGHT PROCESSOR

REV.	ECO/DDC	DESCRIPTION	DATE	DRAFT	CHECK	APV'D
A	----	RELEASED.	07-02-15	V.J.C.	N.H.S.	T.N.
B	----	REVISED TO SHOW PRODUCTION ENCLOSURE AND MTG BRACKET.	08-09-16	V.J.C.	L.E.G.	V.J.C.



USER INTERFACE 3
(REAR PANEL REMOVED FOR CLARITY)

DIMENSIONS = IN [MM]

4. IF THE HI 6510 INSTRUMENT IS USED IN A MANNER NOT SPECIFIED BY HARDY PROCESS SOLUTIONS, THE PROTECTION PROVIDED BY THE INSTRUMENT MAY BE IMPAIRED.


3 SEE SHEETS 3 AND 4 FOR USER INTERFACE CONNECTIONS.

2. SEE SHEET 2 FOR ADDITIONAL SYSTEM VIEWS AND DIMENSIONS.

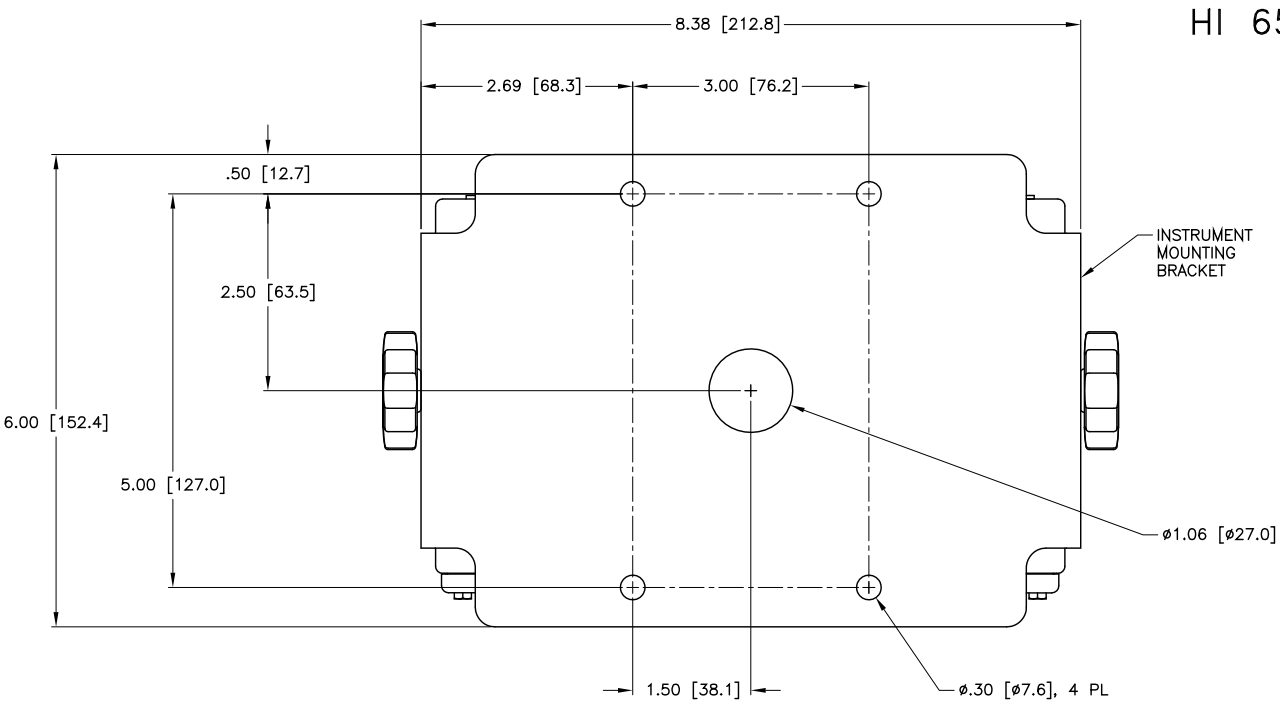
1. SEE HARDY PROCESS SOLUTIONS WEB SITE FOR ADDITIONAL MOUNTING AND WIRING INFORMATION.

NOTES: UNLESS OTHERWISE SPECIFIED

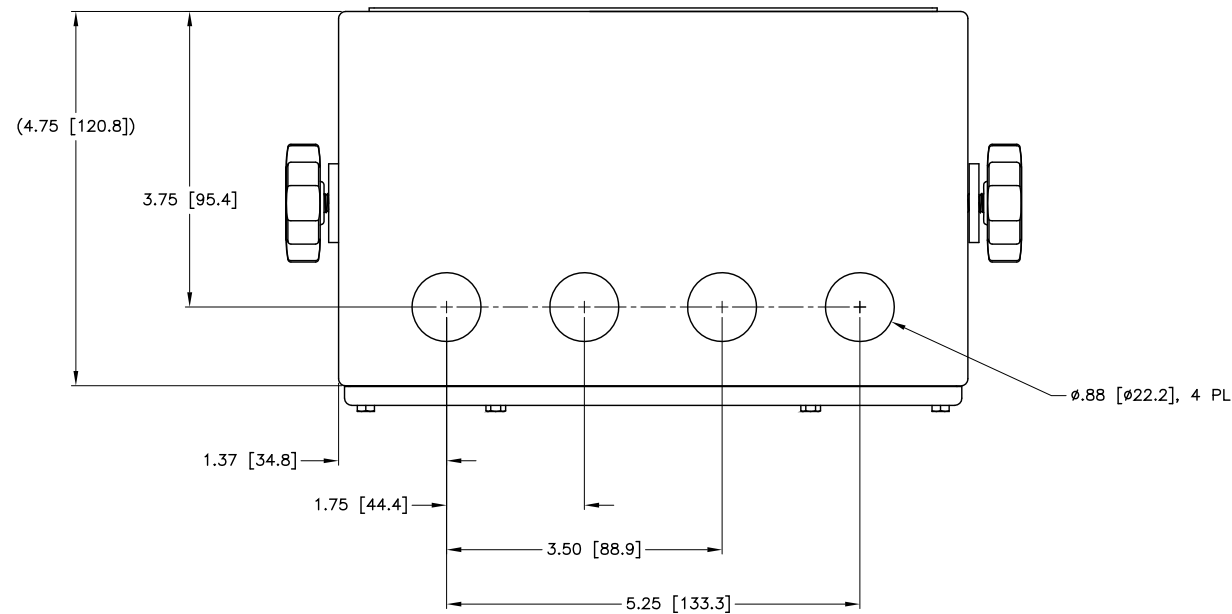
PROPRIETARY NOTICE
ALL DATA AND INFORMATION CONTAINED IN OR DISCLOSED BY THIS DOCUMENT IS CONFIDENTIAL AND PROPRIETARY INFORMATION OF HARDY PROCESS SOLUTIONS INC. AND ALL RIGHTS THEREIN ARE EXPRESSLY RESERVED. BY ACCEPTING THIS MATERIAL THE RECIPIENT AGREES THAT THIS MATERIAL AND THE INFORMATION CONTAINED THEREIN IS HELD IN CONFIDENCE AND IN TRUST AND SHALL NOT BE USED, COPIED, REPRODUCED IN WHOLE OR IN PART, NOR ITS CONTENTS REVEALED IN ANY MANNER TO OTHERS, EXCEPT TO MEET THE SPECIFIC PURPOSE FOR WHICH IT WAS DELIVERED.

		0584-0097	I/I DIAGRAM, HI 6510 SME SERIES WEIGHT PROCESSOR		SEE SEPARATE PARTS LIST		
ITEM	QTY	PART NUMBER	DESCRIPTION			COMMENTS	
PARTS LIST							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] FRACTIONS: N/A DECIMALS: .XX = N/A .XXX = N/A ANGLES: N/A		CONTRACT NO.		<div></div> <div>TITLE</div> <div>I/I DIAGRAM, HI 6510 SME SERIES WEIGHT PROCESSOR</div>			
		APPROVALS					
		DRAWN V. CHULA	DATE 07-02-15				
		CHECKED N. SCHERRER	DATE 07-02-15				
		APPROVED T. NORMAN	DATE 07-02-15				
MATERIAL				<div>SIZE</div> <div>D</div> <div>FSCM</div> <div>21316</div> <div>DRAWING NO.</div> <div>0584-0097</div> <div>REV.</div> <div>B</div>			
FINISH	ISSUED V. CHULA	DATE 07-02-15					
	PRODUCTION	DATE					
DO NOT SCALE DRAWING				FILE NAME:	584097B1.DWG	SCALE: NONE	SHEET 1 OF 4

HI 6510 SME SERIES WEIGHT PROCESSOR



VIEW A-A
SCALE: FULL



VIEW B-B
SCALE: FULL

QTY 3 CABLE GLAND FITTINGS, QTY 1 VENT DRAIN, QTY 4 NUTS, AND QTY 3 SEALING PLUGS ARE PACKED SEPARATELY INSIDE ENCLOSURE
[SEALING PLUG TO BE INSTALLED INTO CABLE GLAND FITTING WHEN SIGNAL CABLE IS NOT USED]

CABLE GRIP NUT – TORQUE TO 55 IN-LB [6.2NM]

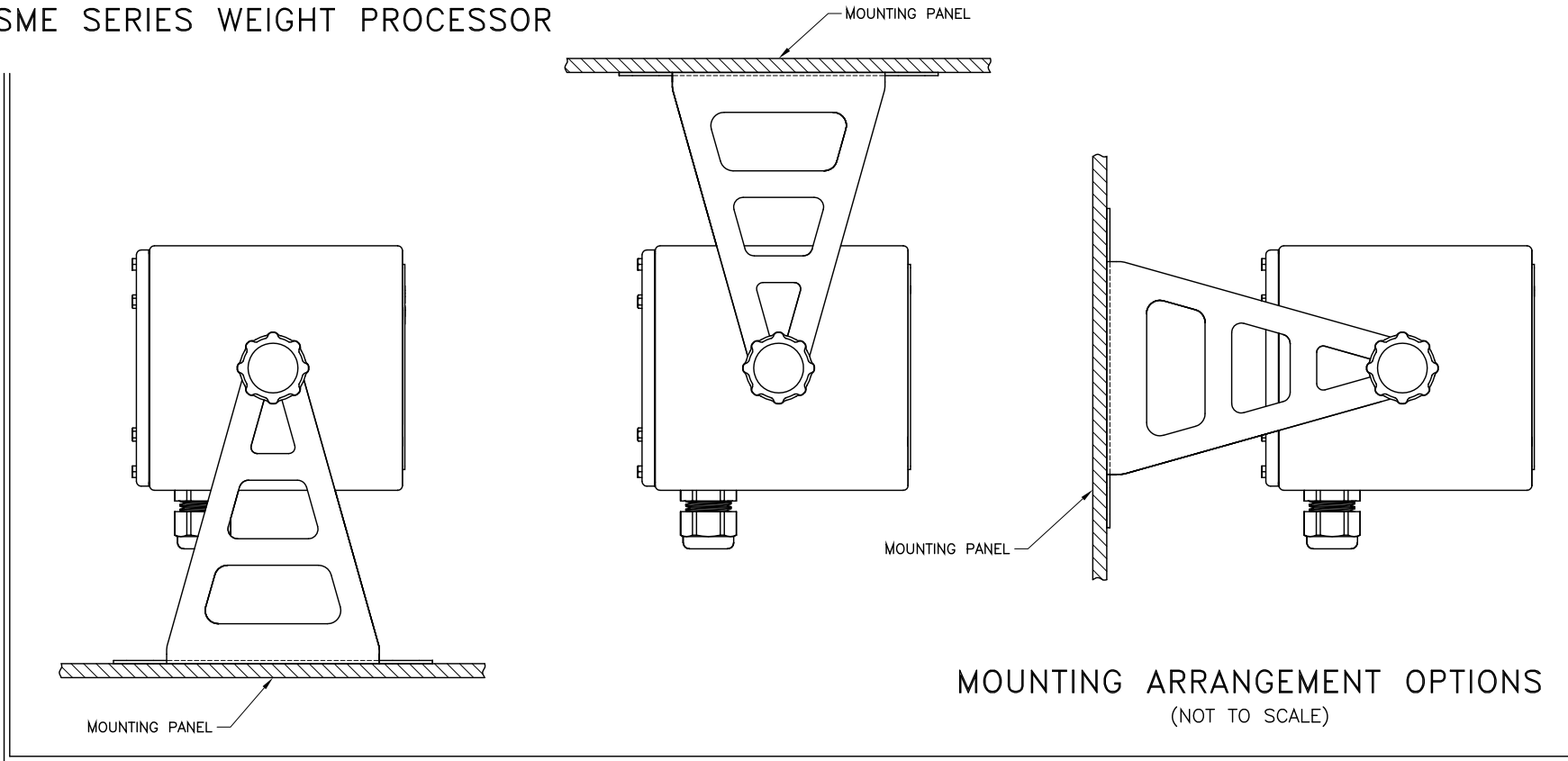
SEALING PLUG

CABLE GLAND FITTING

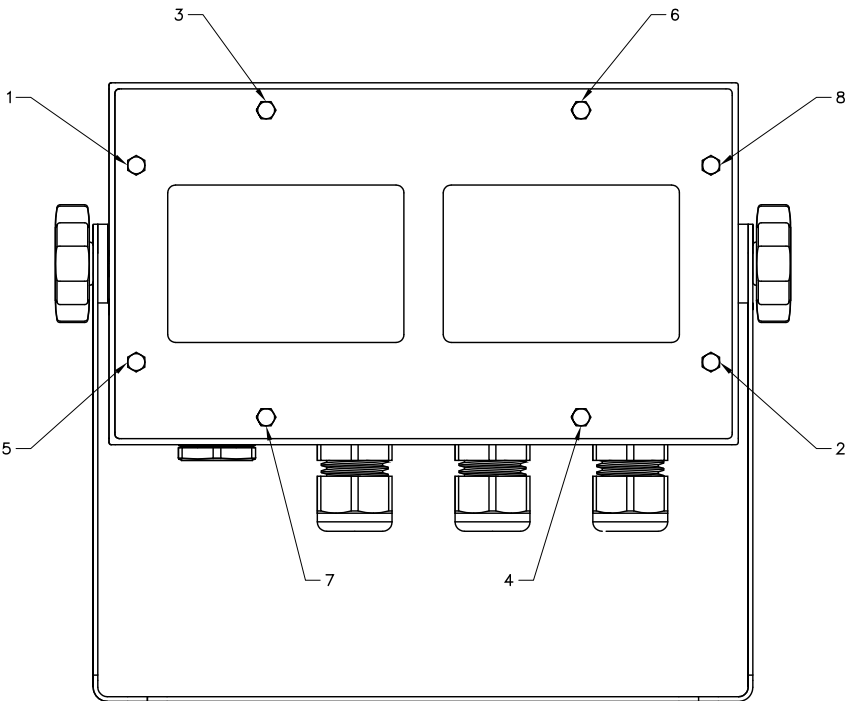
NUT – TORQUE TO 45 IN-LB [5.1NM]

NUT – TORQUE TO 45 IN-LB [5.1NM]

VENT DRAIN FITTING



MOUNTING ARRANGEMENT OPTIONS
(NOT TO SCALE)



VIEW C-C
SCALE: FULL

REAR COVER PLATE SCREW INSTALLATION AND TORQUE SEQUENCE ORDER:

- INSTALL AND HAND TIGHTEN SCREWS 1 THROUGH 8
- USING A 5.5MM NUT SOCKET, TORQUE SCREWS 1 THROUGH 8 TO 10 IN-LB [1.13NM] IN NUMERICAL SEQUENCE ORDER SHOWN

DIMENSIONS = IN [MM]

HARDY
PROCESS SOLUTIONS

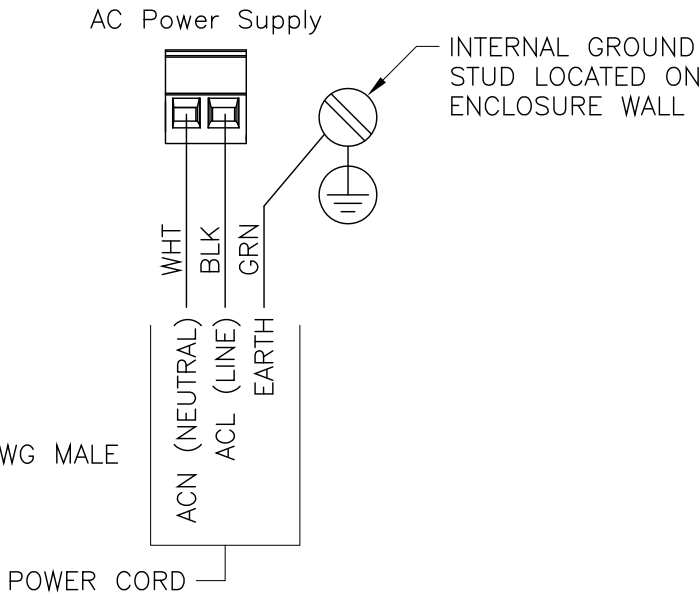
TITLE I/I DIAGRAM, HI 6510 SME SERIES WEIGHT PROCESSOR			
SIZE D	FSCM 21316	DRAWING NO. 0584-0097	REV. B
FILE NAME: 584097B1.DWG		SCALE: NONE	SHEET 2 OF 4

POWER INPUT TERMINATIONS

OPTION CODE AC

NOTES:

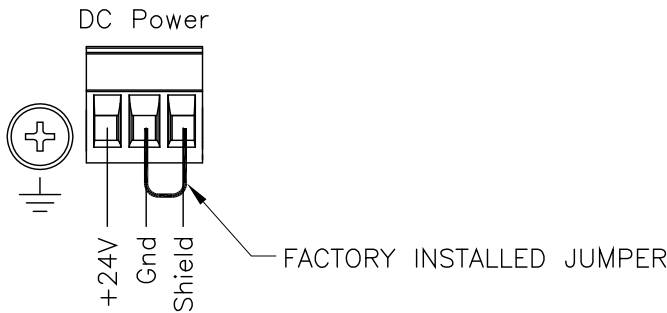
- 1. INPUT VOLTAGE RANGE:
120–240 VAC, 50–60 Hz, 0.6 AMP
- 2. TERMINAL BLOCK WIRE SIZE RANGE:
WIRE TEMPERATURE RATING TO BE 105° C.
16 AWG MAXIMUM / 22 AWG MINIMUM.
WIRE TIGHTENING TORQUE:
4.4 LB–IN NOMINAL
- 3. SEPARATE 6 FT LONG TYPE SJTOW 3 CONDUCTOR 18AWG MALE
POWER CORD ASSEMBLY SUPPLIED BY HARDY.



OPTION CODE DC

NOTES:

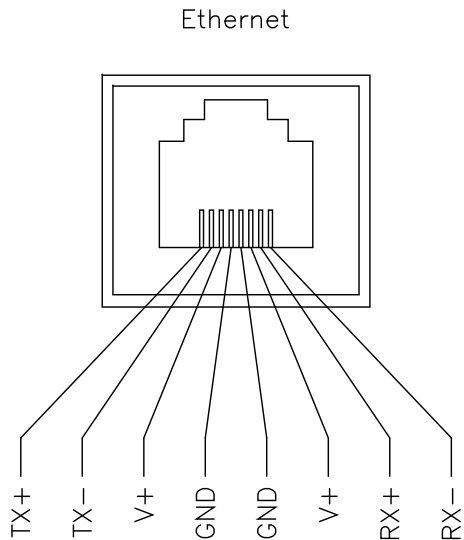
- 1. CLASS II INPUT VOLTAGE RANGE [24VDC NOMINAL]:
12–24 VDC, 0.15–0.33 AMP, 4 WATTS MAXIMUM
- 2. TERMINAL BLOCK WIRE SIZE RANGE:
WIRE TEMPERATURE RATING TO BE 105° C.
12 AWG MAXIMUM / 22 AWG MINIMUM.
WIRE TIGHTENING TORQUE:
4.4 LB–IN MINIMUM / 5.3 LB–IN MAXIMUM.



ETHERNET TERMINATION

NOTES:

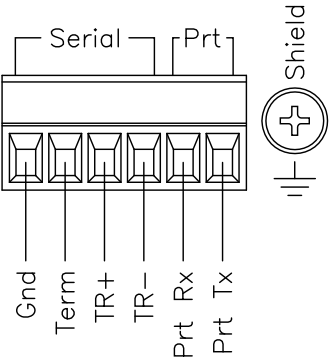
- 1. SEE USER’S GUIDE FOR ADDITIONAL INFORMATION ON
ETHERNET TERMINATIONS.
- 2. CONNECTOR TYPE: RJ–45, 8 PIN
- 3. N.C. = NOT CONNECTED.



SERIAL PORT TERMINATIONS

NOTES:

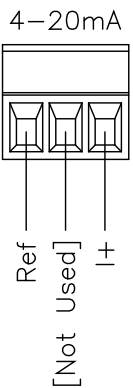
- 1. SEE USER’S GUIDE FOR ADDITIONAL INFORMATION ON
SERIAL TERMINATIONS.
- 2. DO NOT BUNDLE SERIAL WIRING WITH POWER WIRING,
RELAY CABLE OR ANY OTHER HIGH ENERGY CABLES.
- 3. TERMINAL BLOCK WIRE SIZE RANGE: 22 AWG MIN / 16 AWG MAX.
WIRE TEMPERATURE RATING TO BE 90° C.
WIRE TIGHTENING TORQUE: 2 LB–IN MINIMUM / 4 LB–IN MAXIMUM.



4–20mA ANALOG OUTPUT TERMINATIONS

NOTES:

- 1. SEE USER’S GUIDE FOR ADDITIONAL INFORMATION ON
ANALOG OUTPUT TERMINATIONS.
- 2. DO NOT BUNDLE ANALOG OUTPUT WIRING WITH POWER WIRING,
RELAY CABLE OR ANY OTHER HIGH ENERGY CABLES.
- 3. TERMINAL BLOCK WIRE SIZE RANGE: 22 AWG MIN / 16 AWG MAX.
WIRE TEMPERATURE RATING TO BE 90° C.
WIRE TIGHTENING TORQUE: 2 LB–IN MINIMUM / 4 LB–IN MAXIMUM.



DIMENSIONS = IN [MM]

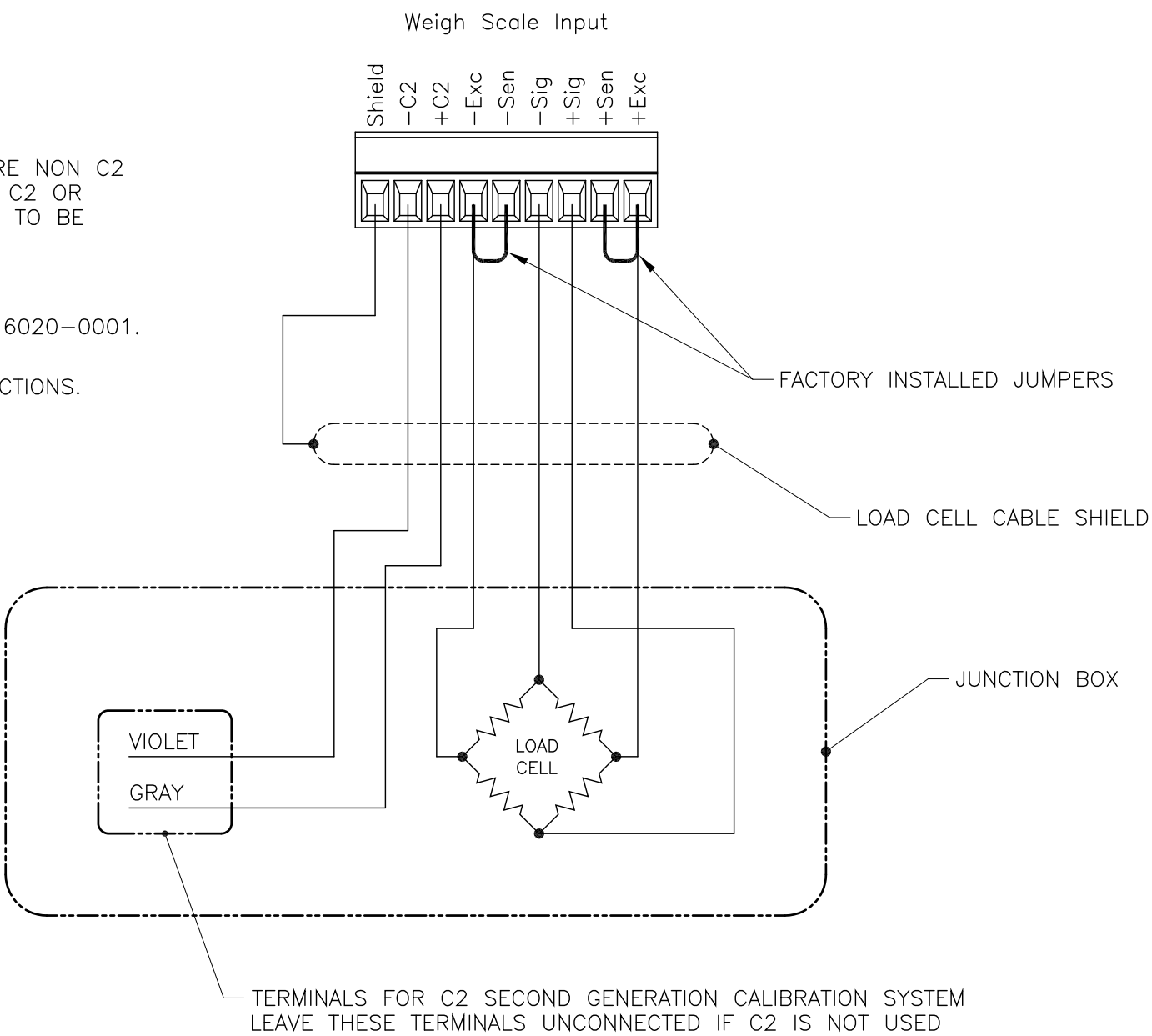
HARDY PROCESS SOLUTIONS			
TITLE I/I DIAGRAM, HI 6510 SME SERIES WEIGHT PROCESSOR			
SIZE D	FSCM 21316	DRAWING NO. 0584–0097	REV. B
FILE NAME: 584097B1.DWG		SCALE: NONE	SHEET 3 OF 4

WEIGH SCALE INPUT TERMINATIONS

NOTES:

- 2

FACTORY INSTALLED JUMPERS TO REMAIN IN PLACE ONLY FOR FOUR WIRE NON C2 LOAD CELL CONNECTION. JUMPERS TO BE REMOVED FOR SIX WIRE NON C2 OR EIGHT WIRE C2 LOAD CELL CONNECTIONS. EXCITATION AND SENSE WIRES TO BE CONNECTED TOGETHER IN JUNCTION BOX.
3. REQUIRED LOAD CELL CABLE FOR C2 SECOND GENERATION CALIBRATION SYSTEM AND INTEGRATED TECHNICIAN: HARDY PROCESS SOLUTIONS P/N 6020-0001.
4. SEE USER’S GUIDE FOR ADDITIONAL INFORMATION ON LOAD CELL CONNECTIONS. USER’S GUIDE IS LOCATED ON HARDY PROCESS SOLUTIONS WEB SITE.
5. TERMINAL BLOCK WIRE SIZE RANGE: 22 AWG MIN / 16 AWG MAX.
WIRE TEMPERATURE RATING TO BE 90° C.
WIRE TIGHTENING TORQUE: 2 LB-IN MINIMUM / 4 LB-IN MAXIMUM.
6. FOR CLARITY, ONLY ONE LOAD SENSOR CONNECTION IS SHOWN.



DIMENSIONS = IN [MM]

<div><div>HARDY</div><div>PROCESS SOLUTIONS</div></div>			
TITLE I/I DIAGRAM, HI 6510 SME SERIES WEIGHT PROCESSOR			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0584-0097	B
FILE NAME: 584097B1.DWG		SCALE: NONE	SHEET 4 OF 4