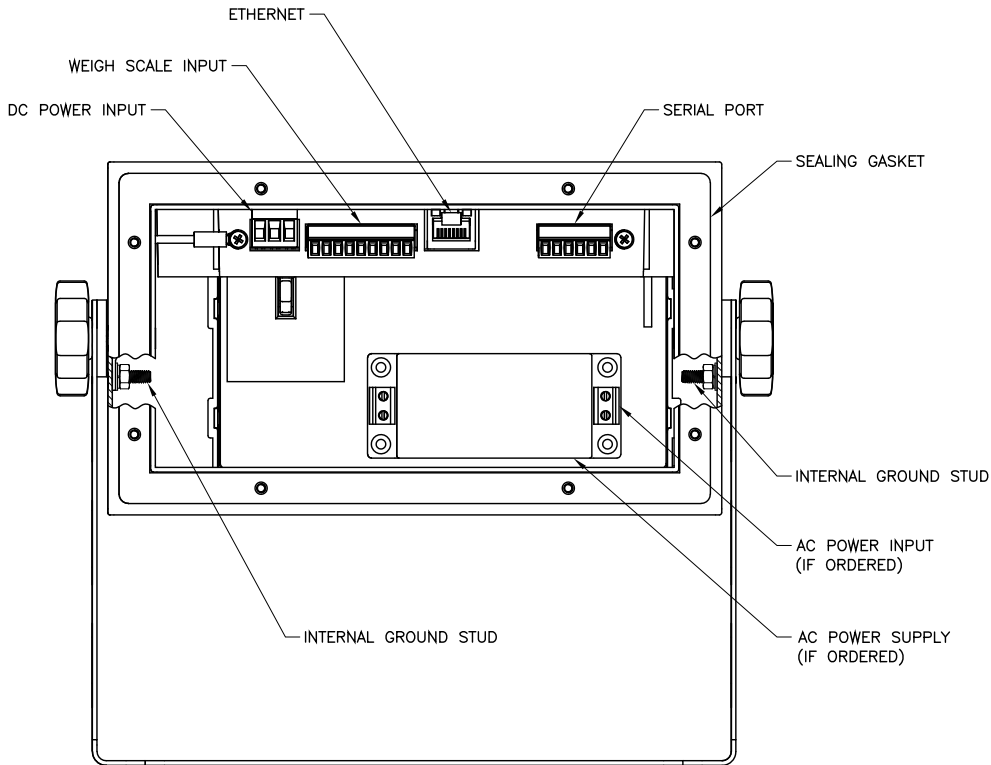
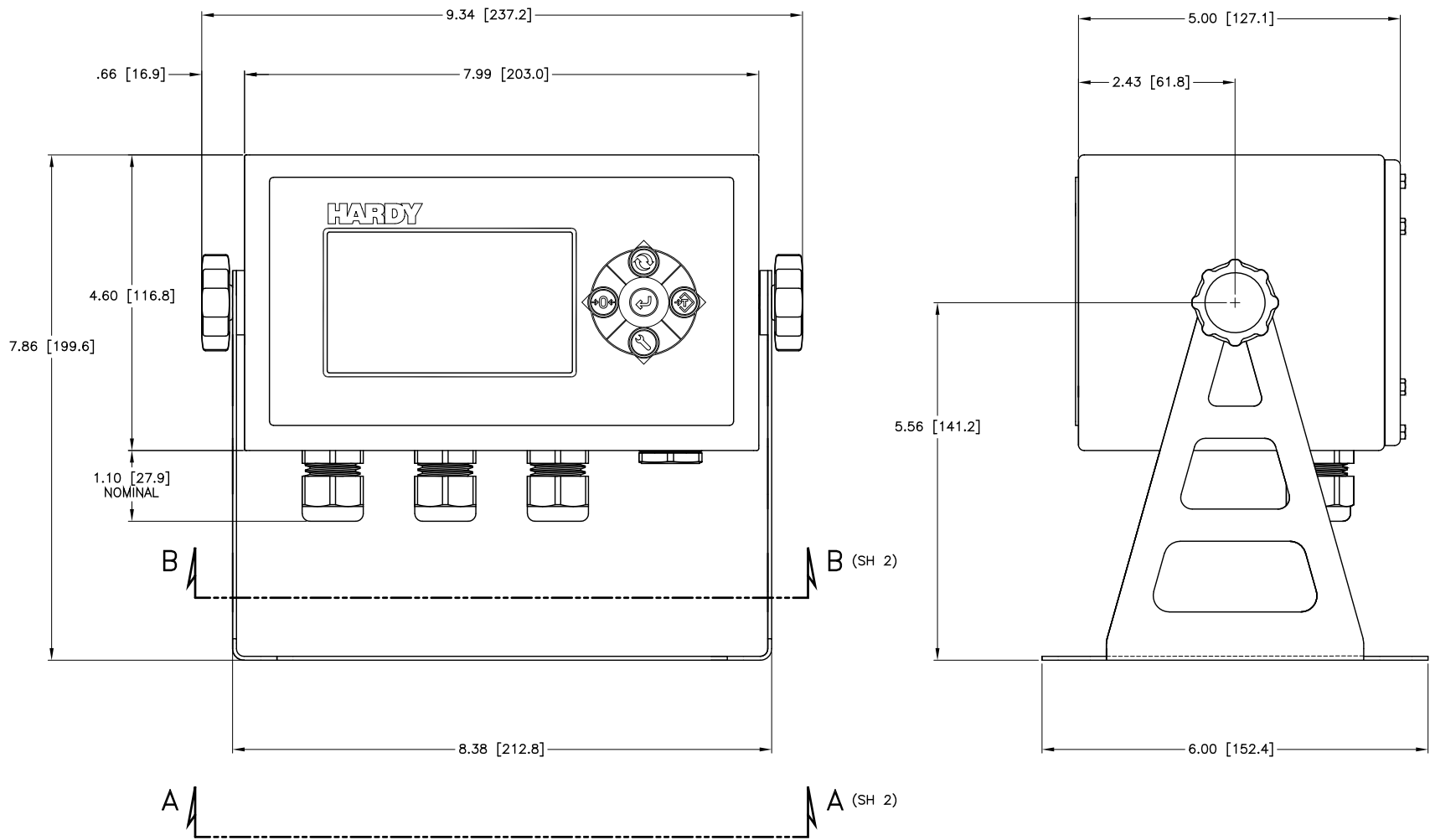


HI 6500 SME SERIES WEIGHT PROCESSOR



USER INTERFACE 3
(REAR PANEL REMOVED FOR CLARITY)

5 FOR CLASS I, II, III DIV. 2 APPLICATIONS, THE CABLE GLAND SET PROVIDED WITH THE UNIT ARE NOT ACCEPTABLE. THE CUSTOMER IS RESPONSIBLE FOR REPLACING THE CABLE GLAND SET WITH THE APPROPRIATE CONDUIT FITTINGS TO MEET THE HAZARDOUS AREA REQUIREMENTS. WIRE PER LOCAL ELECTRICAL CODE.

4. IF THE HI 6500 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

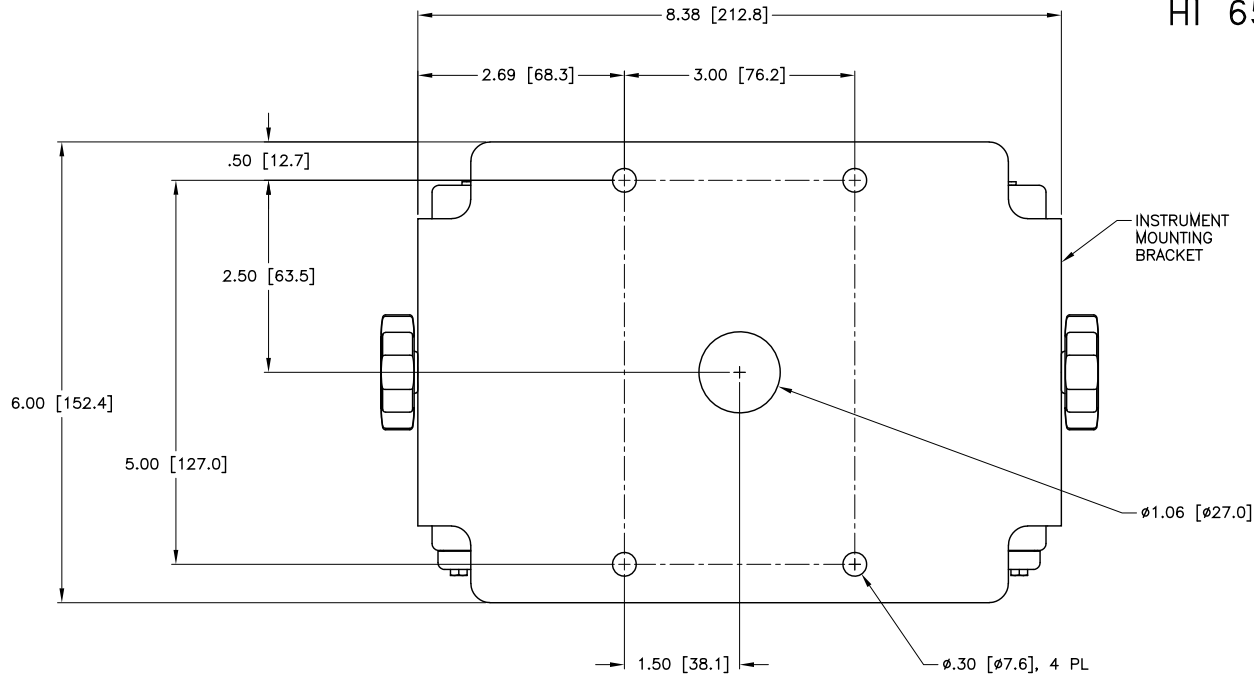
PROPRIETARY NOTICE
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REV.	ECO/DDC	DESCRIPTION	DATE	DRAFT	CHECK	APV'D
A	----	RELEASED.	07-02-15	V.J.C.	N.H.S.	T.N.
B	----	REVISED TO SHOW PRODUCTION ENCLOSURE AND MTG BRACKET.	08-09-16	V.J.C.	L.E.G.	V.J.C.
C	11881	REVISED PER ECN.	08-07-17	V.J.C.	E.M.J.	V.J.C.
D	12171	REVISED PER ECN.	12-17-24	V.J.C.	L.N.	V.J.C.

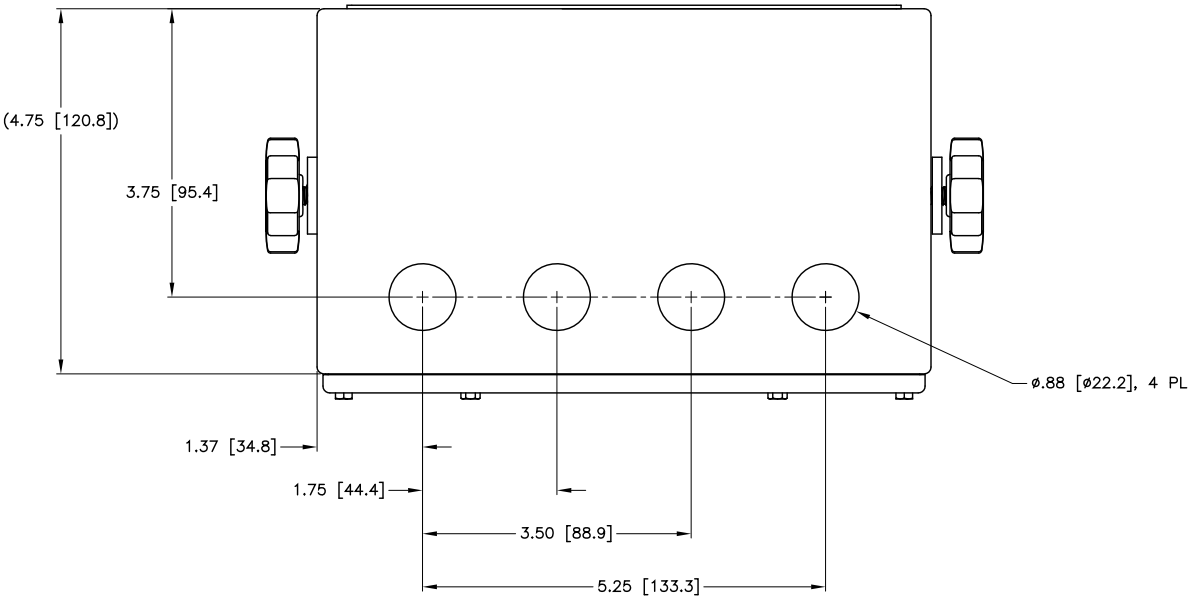
DIMENSIONS = IN [MM]

		0584-0096	I/I DIAGRAM, HI 6500 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.		 TITLE I/I DIAGRAM, HI 6500 SME SERIES WEIGHT PROCESSOR		
		APPROVALS				
		DRAWN V. CHULA	DATE 07-02-15			
		CHECKED N. SCHERRER	DATE 07-02-15			
MATERIAL		APPROVED T. NORMAN	DATE 07-02-15	SIZE D 21316 DRAWING NO. 0584-0096 REV. D		
FINISH		ISSUED V. CHULA	DATE 07-02-15			
		PRODUCTION	DATE			
DO NOT SCALE DRAWING				FILE NAME: 584096D1.DWG	SCALE: NONE	SHEET 1 OF 4

HI 6500 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

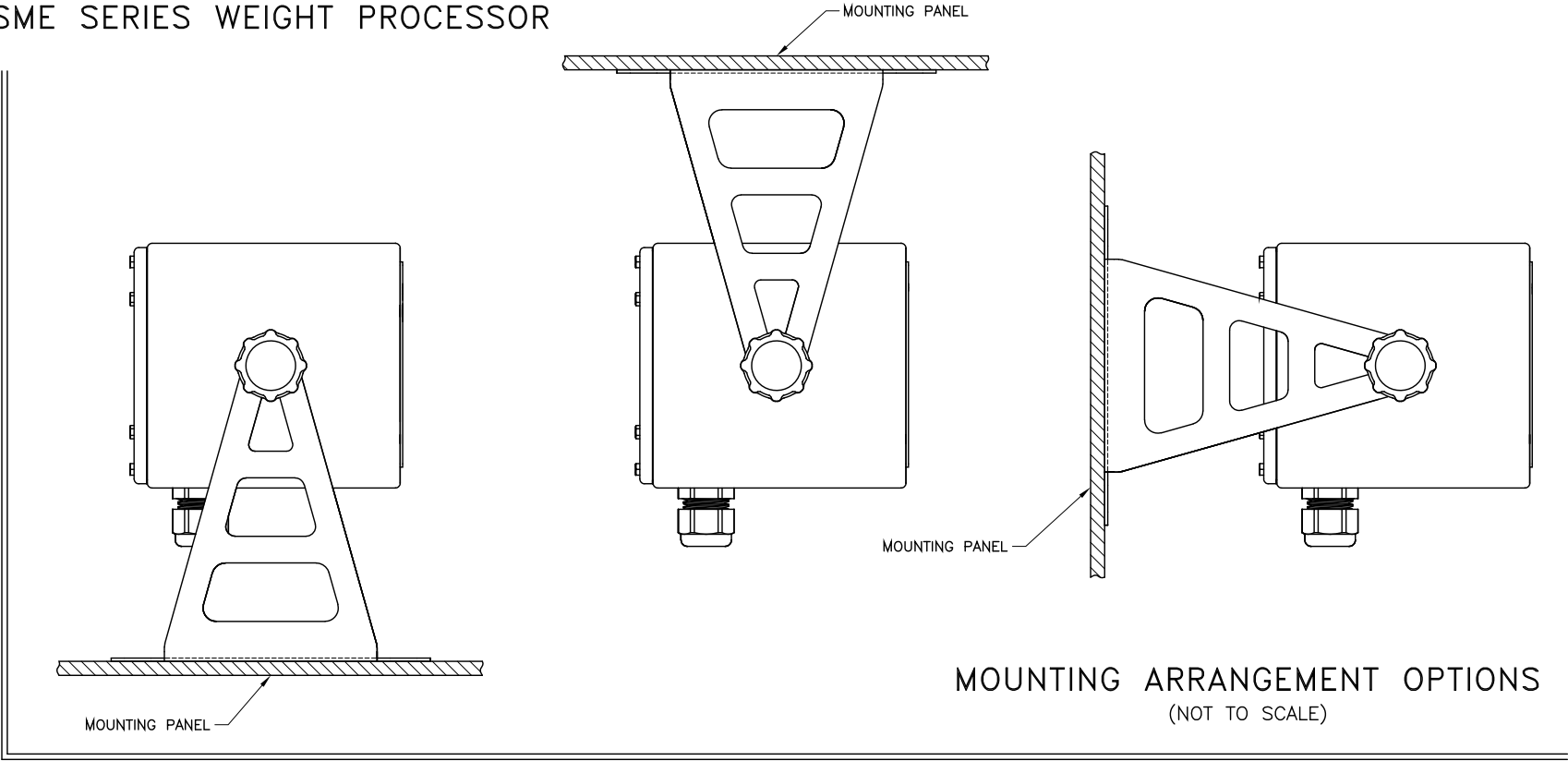
NUT - TORQUE TO
45 IN-LB [5.1NM]

NUT - TORQUE TO
45 IN-LB [5.1NM]

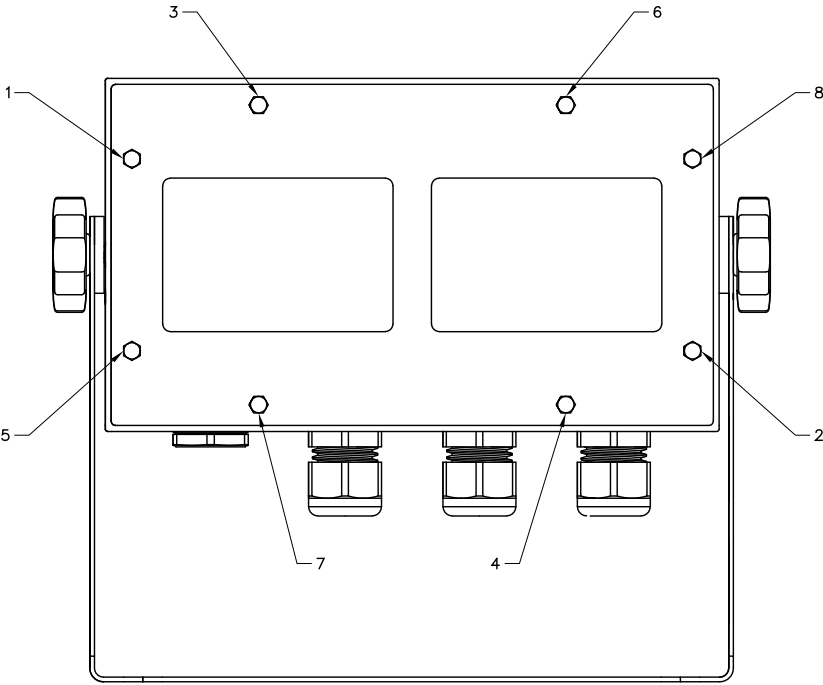
VENT DRAIN FITTING

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



MOUNTING ARRANGEMENT OPTIONS
(NOT TO SCALE)



VIEW C-C
SCALE: FULL

DIMENSIONS = IN [MM]

HARDY
PROCESS SOLUTIONS

TITLE
I/I DIAGRAM, HI 6500 SME
SERIES WEIGHT PROCESSOR

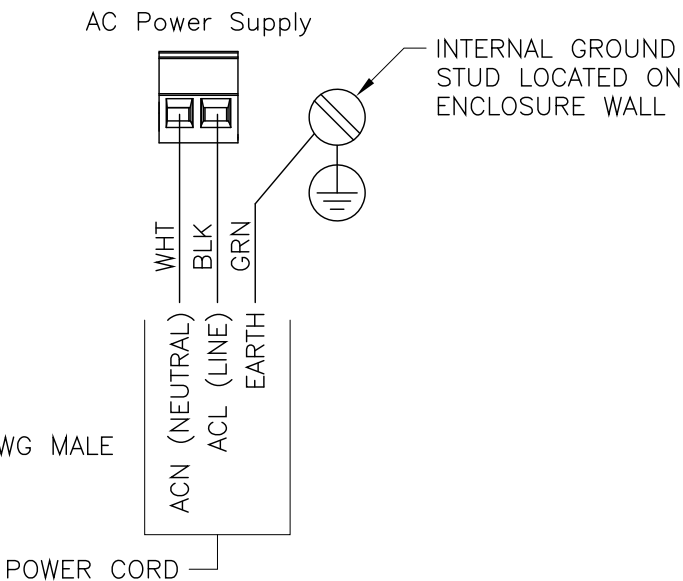
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0584-0096	D

FILE NAME: 584096D1.DWG SCALE: NONE SHEET 2 OF 4

POWER INPUT TERMINATIONS

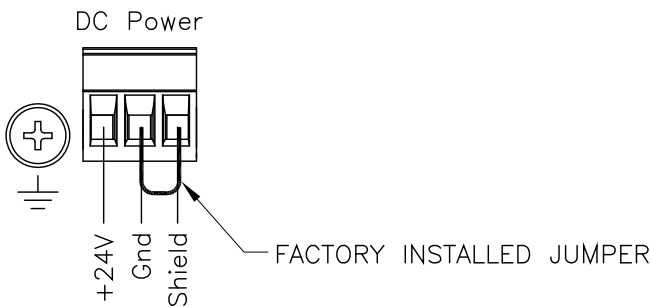
OPTION CODE AC

- NOTES:
- 1. INPUT VOLTAGE RANGE:
120–240 VAC, 50–60 Hz, 0.3 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.



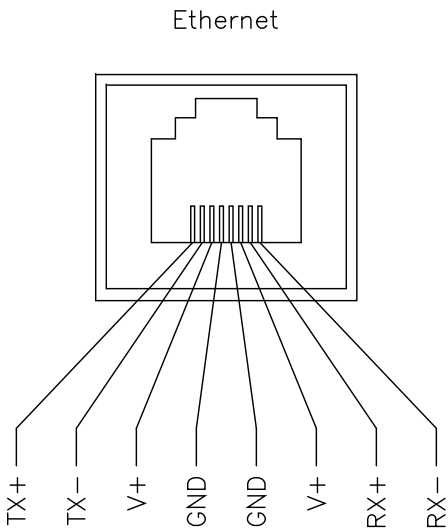
OPTION CODE DC

- 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.



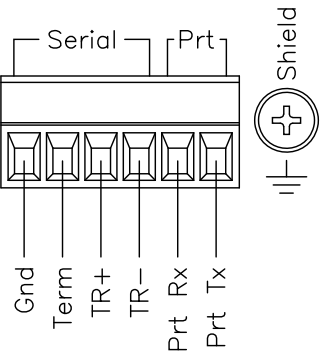
ETHERNET TERMINATION

- 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.



DIMENSIONS = IN [MM]

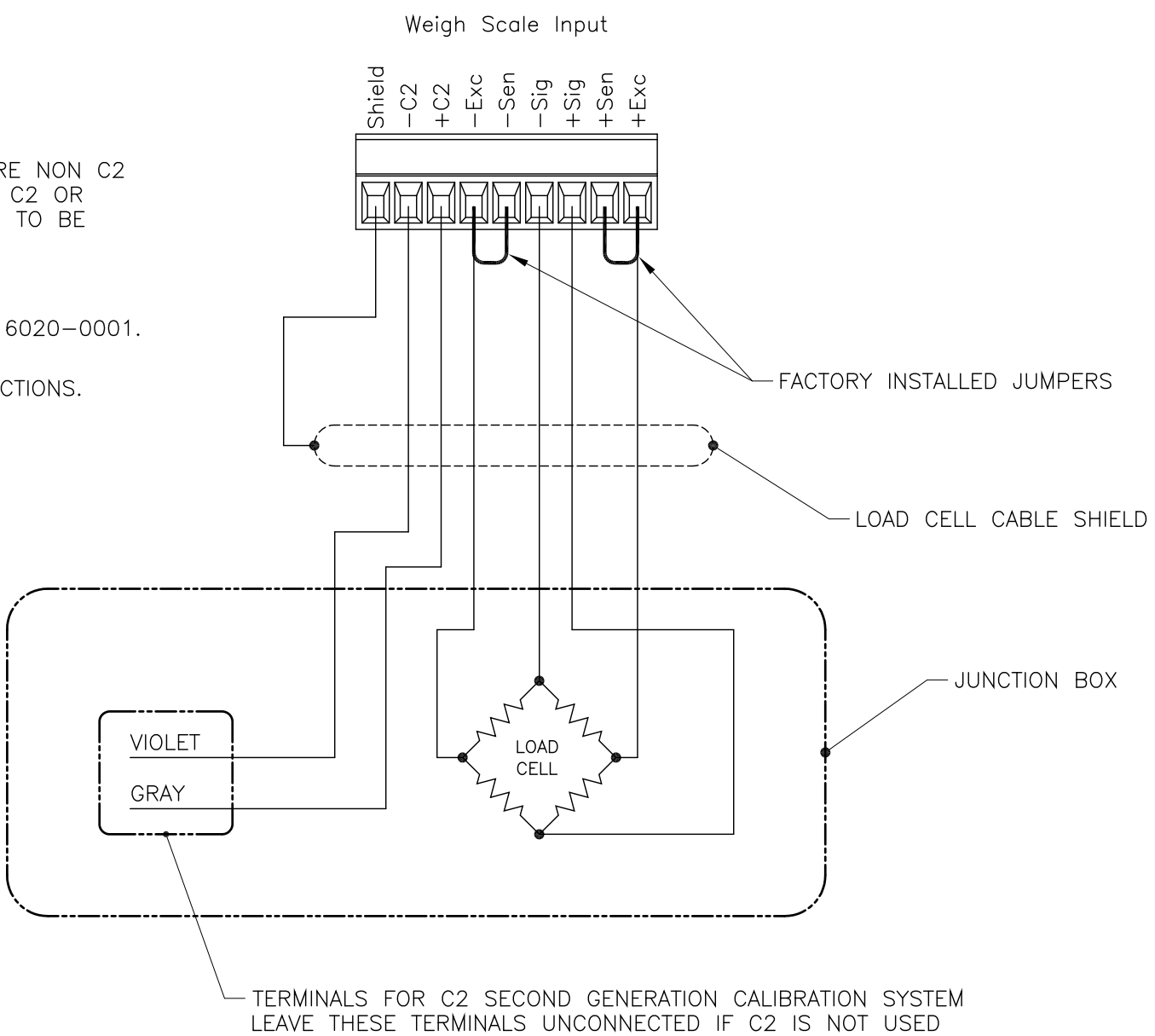
HARDY PROCESS SOLUTIONS			
TITLE I/I DIAGRAM, HI 6500 SME SERIES WEIGHT PROCESSOR			
SIZE D	FSCM 21316	DRAWING NO. 0584–0096	REV. D
FILE NAME: 584096D1.DWG		SCALE: NONE	SHEET 3 OF 4

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]

HARDY PROCESS SOLUTIONS			
TITLE I/I DIAGRAM, HI 6500 SME SERIES WEIGHT PROCESSOR			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0584-0096	D
FILE NAME: 584096D1.DWG		SCALE: NONE	SHEET 4 OF 4