

REV.	ECO/DDC	DESCRIPTION	DATE	DRAFT	CHECK	APV'D
A	----	RELEASED.	05-18-17	V.J.C.	E.M.J.	V.J.C.

DIMENSION TABLE

MODEL NUMBER	CAPACITY LBS [KG]	WIDTH IN [MM]	HEIGHT IN [MM]	FOOTPRINT IN [MM]	MATERIAL GAGE
E-SCALE-6500EIP-1212-33	33 [15]	11.75 [298.4]	1.54 [39.1]	9.86 [250.5]	12 (0.105 IN [2.67MM])
E-SCALE-6500EIP-1212-66	66 [30]	11.75 [298.4]	1.56 [39.6]	9.86 [250.5]	12 (0.105 IN [2.67MM])
E-SCALE-6500EIP-1212-130	130 [60]	11.75 [298.4]	1.75 [44.5]	9.86 [250.5]	12 (0.105 IN [2.67MM])
E-SCALE-6500EIP-2424-130	130 [60]	23.62 [600.0]	1.78 [45.2]	21.68 [550.5]	11 (0.120 IN [3.05MM])
E-SCALE-6500EIP-2424-330	330 [150]	23.62 [600.0]	1.68 [42.7]	21.68 [550.5]	11 (0.120 IN [3.05MM])
E-SCALE-6500EIP-2424-660	660 [300]	23.62 [600.0]	1.87 [47.5]	21.68 [550.5]	11 (0.120 IN [3.05MM])
E-SCALE-6500EIP-2424-1300	1300 [590]	23.62 [600.0]	2.05 [52.1]	21.68 [550.5]	11 (0.120 IN [3.05MM])
E-SCALE-6500PB-1212-33	33 [15]	11.75 [298.4]	1.54 [39.1]	9.86 [250.5]	12 (0.105 IN [2.67MM])
E-SCALE-6500PB-1212-66	66 [30]	11.75 [298.4]	1.56 [39.6]	9.86 [250.5]	12 (0.105 IN [2.67MM])
E-SCALE-6500PB-1212-130	130 [60]	11.75 [298.4]	1.75 [44.5]	9.86 [250.5]	12 (0.105 IN [2.67MM])
E-SCALE-6500PB-2424-130	130 [60]	23.62 [600.0]	1.78 [45.2]	21.68 [550.5]	11 (0.120 IN [3.05MM])
E-SCALE-6500PB-2424-330	330 [150]	23.62 [600.0]	1.68 [42.7]	21.68 [550.5]	11 (0.120 IN [3.05MM])
E-SCALE-6500PB-2424-660	660 [300]	23.62 [600.0]	1.87 [47.5]	21.68 [550.5]	11 (0.120 IN [3.05MM])
E-SCALE-6500PB-2424-1300	1300 [590]	23.62 [600.0]	2.05 [52.1]	21.68 [550.5]	11 (0.120 IN [3.05MM])

7 EXERCISE CAUTION WHEN REMOVING SCALE TOP COVER.
SCALE TOP COVER MUST MAINTAIN GROUND CONNECTION TO SCALE BOTTOM.

6 SCALE TOP COVER MUST BE REMOVED TO PERFORM CABLE TERMINATIONS.
SEE SHEET 2 FOR SCALE TOP COVER NUT LOCATION AND TORQUE SPECIFICATIONS.

5 SEE SHEET 4 FOR CABLE WIRING TERMINATIONS.

4. SEE SHEET 3 FOR SCALE WIRING ACCESS AND CONNECTOR LOCATIONS.

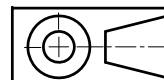
3. SEE SHEET 2 FOR SCALE DIMENSION VIEWS.


2. SCALE TOP COVER MATERIAL IS STAINLESS STEEL. SCALE BOTTOM MATERIAL IS POWDER COATED STEEL.

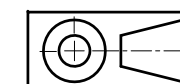
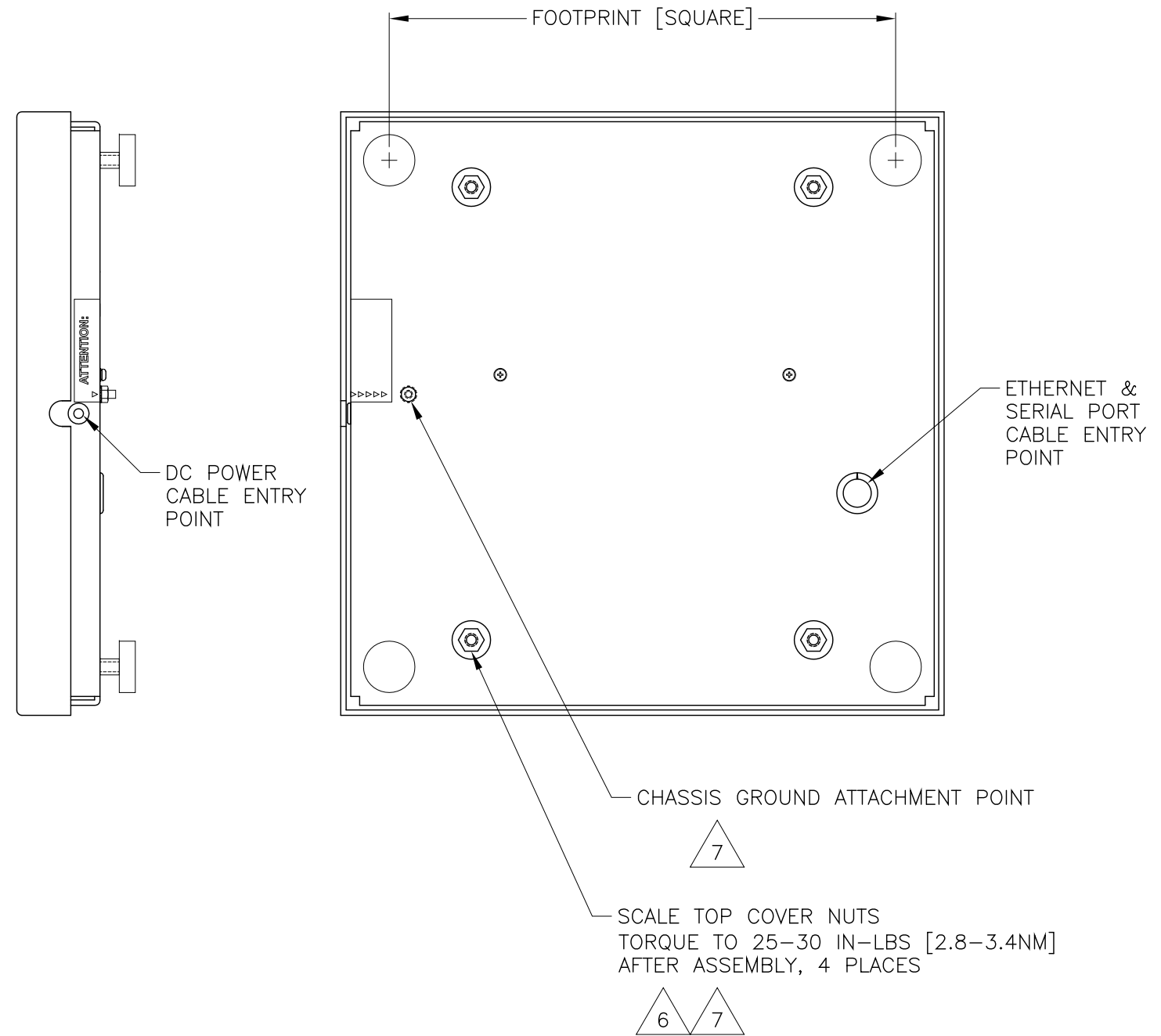
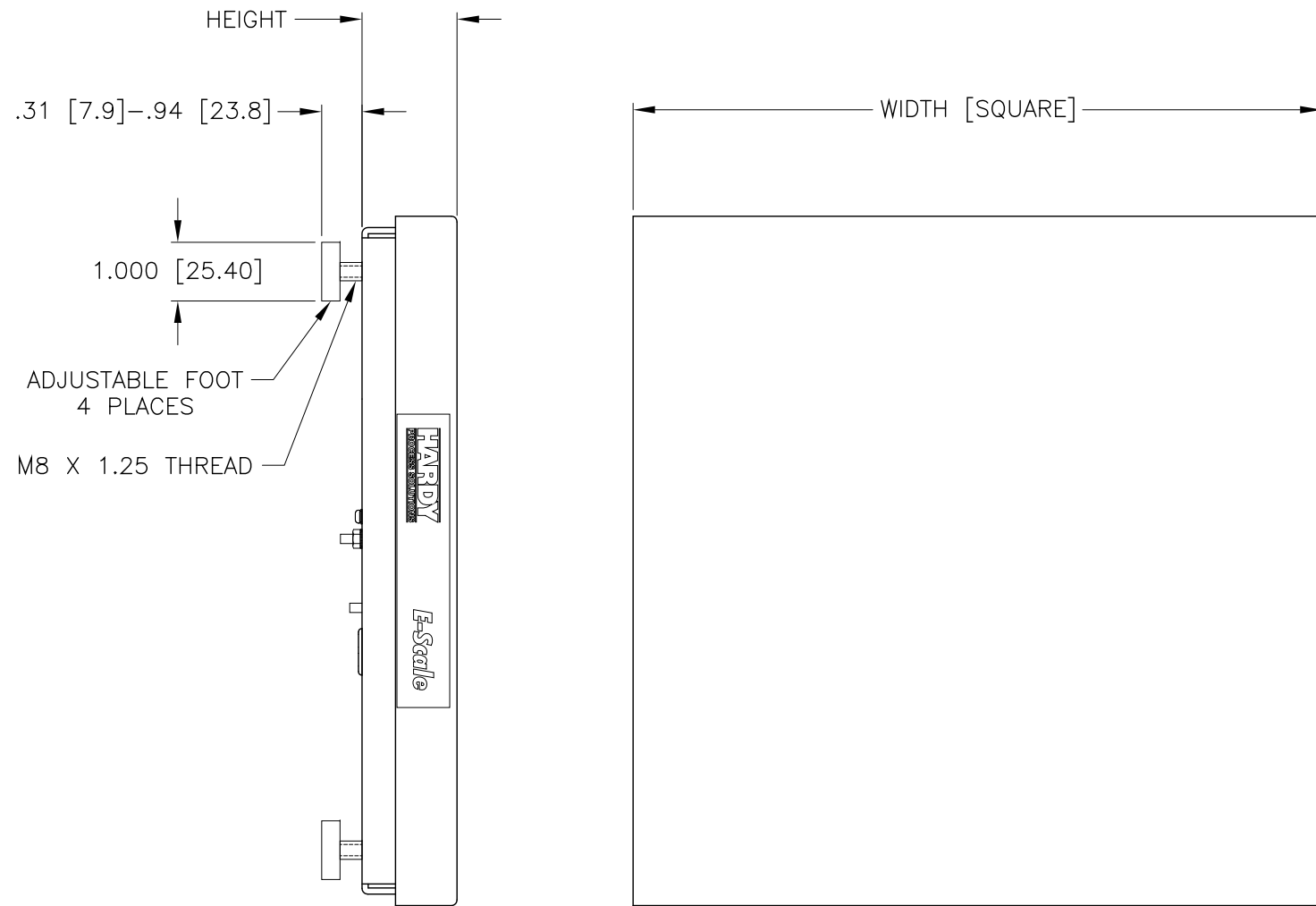
1. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.

NOTES: UNLESS OTHERWISE SPECIFIED

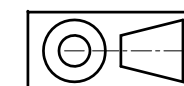
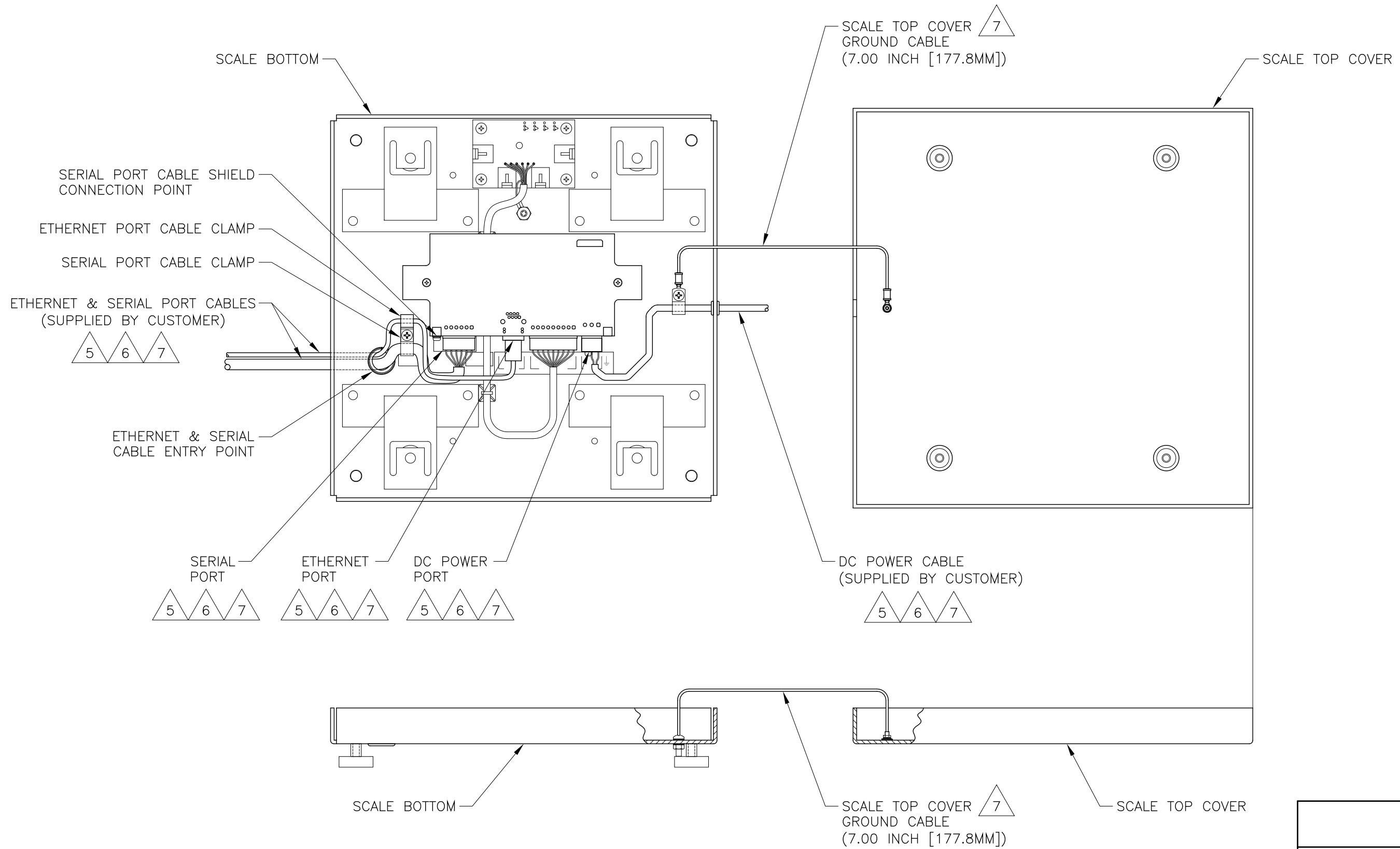
PROPRIETARY NOTICE
ALL DATA AND INFORMATION CONTAINED IN OR DISCLOSED BY THIS DOCUMENT IS CONFIDENTIAL AND PROPRIETARY INFORMATION OF HARDY PROCESS SOLUTIONS INC. AND ALL RIGHTS THEREIN ARE EXPRESSLY RESERVED. BY ACCEPTING THIS MATERIAL THE RECIPIENT AGREES THAT THIS MATERIAL AND THE INFORMATION CONTAINED 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.



		0584-0104	I/I DIAGRAM, BENCH SCALE, E-SCALE-6500 SERIES		SEE NOTES
ITEM	QTY	PART NUMBER	DESCRIPTION	COMMENTS	
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: N/A DECIMALS: .XX = ±.03 .XXX = ±.010 ANGLES: ±0°, 30'		CONTRACT NO.		 I/I DIAGRAM, BENCH SCALE, E-SCALE-6500 SERIES	
MATERIAL		APPROVALS			
FINISH		DRAWN V. CHULA	DATE 05-04-17		
DO NOT SCALE DRAWING		CHECKED E. JAMES	DATE 05-18-17		
		APPROVED V. CHULA	DATE 05-18-17	SIZE D	FSCM 21316
		ISSUED V. CHULA	DATE 05-18-17	DRAWING NO. 0584-0104	REV. A
		PRODUCTION	DATE	FILE NAME: 584104A1.DWG	SCALE: NONE
				SHEET 1 OF 4	



HARDY PROCESS SOLUTIONS			
TITLE I/I DIAGRAM, BENCH SCALE, E-SCALE-6500 SERIES			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0584-0104	A
FILE NAME: 584104A1.DWG		SCALE: NONE	SHEET 2 OF 4

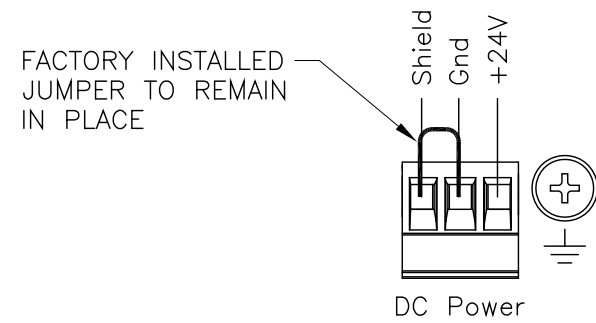


HARDY PROCESS SOLUTIONS			
TITLE I/I DIAGRAM, BENCH SCALE, E-SCALE-6500 SERIES			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0584-0104	A
FILE NAME: 584104A1.DWG		SCALE: NONE	SHEET 3 OF 4

POWER INPUT TERMINATIONS

NOTES:

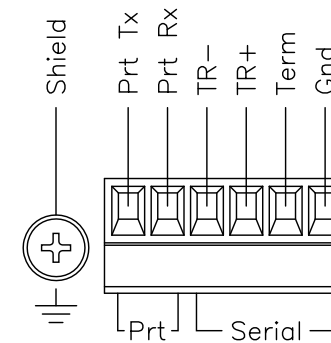
1. CLASS II INPUT VOLTAGE RANGE [24VDC NOMINAL]:
12–24 VDC, 0.15–0.33 AMP, 7 WATTS MAXIMUM
2. TERMINAL BLOCK WIRE SIZE RANGE:
12 AWG MAXIMUM / 22 AWG MINIMUM.
WIRE TEMPERATURE RATING TO BE 105° C.
WIRE TIGHTENING TORQUE:
4.4 LB-IN MINIMUM / 5.3 LB-IN MAXIMUM.
3. CABLE CLAMP DIAMETER: \varnothing 0.25 INCH [\varnothing 6.3MM] NOMINAL.



SERIAL PORT TERMINATIONS

NOTES:

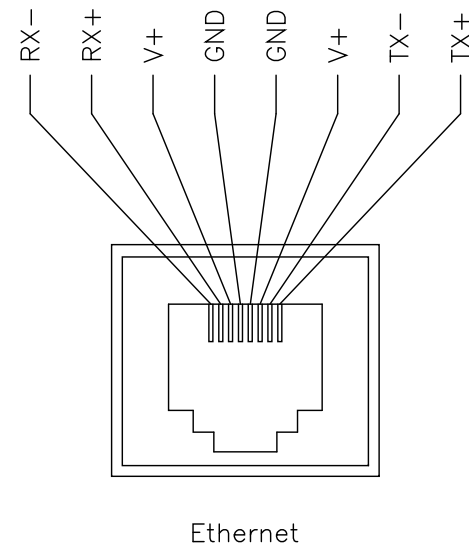
1. SEE USER'S GUIDE FOR ADDITIONAL INFORMATION ON SERIAL TERMINATIONS.
2. DO NOT BUNDLE SERIAL WIRING WITH POWER WIRING, RELAY CABLE OR ANY OTHER HIGH ENERGY CABLES.
3. TERMINAL BLOCK WIRE SIZE RANGE: 22 AWG MIN / 16 AWG MAX.
WIRE TEMPERATURE RATING TO BE 90° C.
WIRE TIGHTENING TORQUE: 2 LB-IN MINIMUM / 4 LB-IN MAXIMUM.
4. CABLE CLAMP DIAMETER: \varnothing 0.31 INCH [\varnothing 7.9MM] NOMINAL.



ETHERNET TERMINATION

NOTES:

1. SEE USER'S GUIDE FOR ADDITIONAL INFORMATION ON ETHERNET TERMINATIONS.
2. CONNECTOR TYPE: RJ-45, 8 PIN.
3. CABLE CLAMP DIAMETER: \varnothing 0.19 INCH [\varnothing 4.8MM] NOMINAL.



HARDY PROCESS SOLUTIONS			
TITLE I/I DIAGRAM, BENCH SCALE, E-SCALE-6500 SERIES			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0584-0104	A
FILE NAME: 584104A1.DWG		SCALE: NONE	SHEET 4 OF 4

