

REV.	ECO/DDC	DESCRIPTION	DATE	DRAFT	CHECK	APV'D
A	----	RELEASED.	05-29-14	V.J.C.	C.B.	V.J.C.
B	11504	REVISED PER ECN.	08-05-14	V.J.C.	N.H.S.	V.J.C.
C	11908	REVISED PER ECN.	08-21-17	V.J.C.	J.I.	V.J.C.
D	11991	REVISED PER ECN.	06-14-18	V.J.C.	D.M.	V.J.C.
D2	----	DDC; ADDED HIFS-4848-01 (1KLB CAPACITY) MODEL NUMBERS.	10-21-19	V.J.C.	J.I.	V.J.C.
D3	----	DDC; ADDED HIFS-3030-05 (5KLB CAPACITY) MODEL NUMBERS.	04-15-20	V.J.C.	J.I.	V.J.C.

6. SEE SHEETS 2, 3 AND 4 FOR ADDITIONAL INFORMATION.

5 IT SUMMING CARD, HARDY PART NUMBER HI6011IT-SC1, IS INSTALLED WITHIN INTERNAL JUNCTION BOX MODEL NUMBER HI 6011IT-SS1. SEE SHEET 4 FOR WIRING DIAGRAM.

4 SCALE CABLE, HARDY PART NUMBER 6020-0001-0, IS 8 CONDUCTOR, SHIELDED AND 20 FEET ± 2.00 INCHES IN LENGTH.

3 C2 WIRE COLOR CODE FLAG LABEL ON END OF CABLE

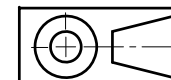
EXCITATION +	RED
EXCITATION -	BLACK
SENSE +	BLUE
SENSE -	BROWN
SIGNAL +	GREEN
SIGNAL -	WHITE
C2 +	GRAY
C2 -	VIOLET
SHIELD	YELLOW OR BARE


2. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.

1. RATED OUTPUT: 2.000 ±0.002mV/V.

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.

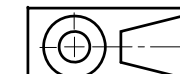



ITEM	QTY	PART NUMBER	DESCRIPTION	COMMENTS
0588-0149 OUTLINE DRAWING, FS SERIES HARDY FLOOR SCALES				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: N/A DECIMALS: NOMINAL ANGLES: N/A		CONTRACT NO.		 OUTLINE DRAWING, FS SERIES HARDY FLOOR SCALES
MATERIAL		APPROVALS		
		DRAWN V. CHULA	DATE 05-23-14	
FINISH		CHECKED C. BABB	DATE 05-29-14	
		APPROVED V. CHULA	DATE 05-29-14	
DO NOT SCALE DRAWING		ISSUED V. CHULA	DATE 05-29-14	
		PRODUCTION	DATE	FSCM 21316
		DRAWING NO. 0588-0149		REV. D
		FILE NAME: 588149D3.DWG		SCALE: NONE
				SHEET 1 OF 4

MODEL NUMBER CONFIGURATION CHART

MODEL NUMBER	CAPACITY (LBS)	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	SCALE MATERIAL	DECK TYPE	LOAD SENSOR MODEL NUMBER
HIFS-3030-01-PS-S	1000	30 IN	30 IN	24.5 IN	24.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-500 (QTY 4)
HIFS-3030-01-PS-T	1000	30 IN	30 IN	24.5 IN	24.5 IN	PAINTED STEEL	TREAD	HI SBHF14-500 (QTY 4)
HIFS-3030-01-SS-S	1000	30 IN	30 IN	24.5 IN	24.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-500 (QTY 4)
HIFS-3030-01-SS-T	1000	30 IN	30 IN	24.5 IN	24.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-500 (QTY 4)
HIFS-3030-02-PS-S	2500	30 IN	30 IN	24.5 IN	24.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-1K (QTY 4)
HIFS-3030-02-PS-T	2500	30 IN	30 IN	24.5 IN	24.5 IN	PAINTED STEEL	TREAD	HI SBHF14-1K (QTY 4)
HIFS-3030-02-SS-S	2500	30 IN	30 IN	24.5 IN	24.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-1K (QTY 4)
HIFS-3030-02-SS-T	2500	30 IN	30 IN	24.5 IN	24.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-1K (QTY 4)
HIFS-3030-05-PS-S	5000	30 IN	30 IN	24.5 IN	24.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-3030-05-PS-T	5000	30 IN	30 IN	24.5 IN	24.5 IN	PAINTED STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-3030-05-SS-S	5000	30 IN	30 IN	24.5 IN	24.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-3030-05-SS-T	5000	30 IN	30 IN	24.5 IN	24.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-3636-01-PS-S	1000	36 IN	36 IN	30.5 IN	30.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-500 (QTY 4)
HIFS-3636-01-PS-T	1000	36 IN	36 IN	30.5 IN	30.5 IN	PAINTED STEEL	TREAD	HI SBHF14-500 (QTY 4)
HIFS-3636-01-SS-S	1000	36 IN	36 IN	30.5 IN	30.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-500 (QTY 4)
HIFS-3636-01-SS-T	1000	36 IN	36 IN	30.5 IN	30.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-500 (QTY 4)
HIFS-3636-02-PS-S	2500	36 IN	36 IN	30.5 IN	30.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-1K (QTY 4)
HIFS-3636-02-PS-T	2500	36 IN	36 IN	30.5 IN	30.5 IN	PAINTED STEEL	TREAD	HI SBHF14-1K (QTY 4)
HIFS-3636-02-SS-S	2500	36 IN	36 IN	30.5 IN	30.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-1K (QTY 4)
HIFS-3636-02-SS-T	2500	36 IN	36 IN	30.5 IN	30.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-1K (QTY 4)
HIFS-4848-01-PS-S	1000	48 IN	48 IN	42.5 IN	42.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-500 (QTY 4)
HIFS-4848-01-PS-T	1000	48 IN	48 IN	42.5 IN	42.5 IN	PAINTED STEEL	TREAD	HI SBHF14-500 (QTY 4)
HIFS-4848-01-SS-S	1000	48 IN	48 IN	42.5 IN	42.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-500 (QTY 4)
HIFS-4848-01-SS-T	1000	48 IN	48 IN	42.5 IN	42.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-500 (QTY 4)
HIFS-4848-02-PS-S	2500	48 IN	48 IN	42.5 IN	42.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-1K (QTY 4)
HIFS-4848-02-PS-T	2500	48 IN	48 IN	42.5 IN	42.5 IN	PAINTED STEEL	TREAD	HI SBHF14-1K (QTY 4)
HIFS-4848-02-SS-S	2500	48 IN	48 IN	42.5 IN	42.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-1K (QTY 4)
HIFS-4848-02-SS-T	2500	48 IN	48 IN	42.5 IN	42.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-1K (QTY 4)
HIFS-4848-05-PS-S	5000	48 IN	48 IN	42.5 IN	42.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-4848-05-PS-T	5000	48 IN	48 IN	42.5 IN	42.5 IN	PAINTED STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-4848-05-SS-S	5000	48 IN	48 IN	42.5 IN	42.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-4848-05-SS-T	5000	48 IN	48 IN	42.5 IN	42.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-4848-10-PS-S	10000	48 IN	48 IN	42.5 IN	42.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-4848-10-PS-T	10000	48 IN	48 IN	42.5 IN	42.5 IN	PAINTED STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-4848-10-SS-S	10000	48 IN	48 IN	42.5 IN	42.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-4848-10-SS-T	10000	48 IN	48 IN	42.5 IN	42.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-4860-05-PS-S	5000	48 IN	60 IN	42.5 IN	54.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-4860-05-PS-T	5000	48 IN	60 IN	42.5 IN	54.5 IN	PAINTED STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-4860-05-SS-S	5000	48 IN	60 IN	42.5 IN	54.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-4860-05-SS-T	5000	48 IN	60 IN	42.5 IN	54.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-4860-10-PS-S	10000	48 IN	60 IN	42.5 IN	54.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-4860-10-PS-T	10000	48 IN	60 IN	42.5 IN	54.5 IN	PAINTED STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-4860-10-SS-S	10000	48 IN	60 IN	42.5 IN	54.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-4860-10-SS-T	10000	48 IN	60 IN	42.5 IN	54.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-4872-05-PS-S	5000	48 IN	72 IN	42.5 IN	66.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-4872-05-PS-T	5000	48 IN	72 IN	42.5 IN	66.5 IN	PAINTED STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-4872-05-SS-S	5000	48 IN	72 IN	42.5 IN	66.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-4872-05-SS-T	5000	48 IN	72 IN	42.5 IN	66.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-4872-10-PS-S	10000	48 IN	72 IN	42.5 IN	66.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-4872-10-PS-T	10000	48 IN	72 IN	42.5 IN	66.5 IN	PAINTED STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-4872-10-SS-S	10000	48 IN	72 IN	42.5 IN	66.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-4872-10-SS-T	10000	48 IN	72 IN	42.5 IN	66.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-6060-05-PS-S	5000	60 IN	60 IN	54.5 IN	54.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-6060-05-PS-T	5000	60 IN	60 IN	54.5 IN	54.5 IN	PAINTED STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-6060-05-SS-S	5000	60 IN	60 IN	54.5 IN	54.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-6060-05-SS-T	5000	60 IN	60 IN	54.5 IN	54.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-6060-10-PS-S	10000	60 IN	60 IN	54.5 IN	54.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-6060-10-PS-T	10000	60 IN	60 IN	54.5 IN	54.5 IN	PAINTED STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-6060-10-SS-S	10000	60 IN	60 IN	54.5 IN	54.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-6060-10-SS-T	10000	60 IN	60 IN	54.5 IN	54.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-6084-05-PS-S	5000	60 IN	84 IN	54.5 IN	78.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-6084-05-PS-T	5000	60 IN	84 IN	54.5 IN	78.5 IN	PAINTED STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-6084-05-SS-S	5000	60 IN	84 IN	54.5 IN	78.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)
HIFS-6084-05-SS-T	5000	60 IN	84 IN	54.5 IN	78.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)
HIFS-6084-10-PS-S	10000	60 IN	84 IN	54.5 IN	78.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-6084-10-PS-T	10000	60 IN	84 IN	54.5 IN	78.5 IN	PAINTED STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-6084-10-SS-S	10000	60 IN	84 IN	54.5 IN	78.5 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-6084-10-SS-T	10000	60 IN	84 IN	54.5 IN	78.5 IN	STAINLESS STEEL	TREAD	HI SBHF14-5K (QTY 4)
HIFS-7296-10-PS-S	10000	72 IN	96 IN	66.5 IN	90.5 IN	PAINTED STEEL	SMOOTH	HI SBHF14-5K (QTY 4)
HIFS-7296-10-PS-T	10000	72 IN	96 IN	66.5 IN	90.5 IN	PAINTED STEEL	TREAD	HI SBHF14-5K (QTY 4)

Maximum capacity (E_{max})	Pounds (Force)	1000, 2000, 5000, 10000
Rated Output (R.O.) at Rated Capacity	mV/V	2.000 ±0.002
C2 Error	%R.O. lb (Force)	<0.02
Combined error	%R.O.	0.020
Creep error (30 minutes)	%R.O.	0.020
Temperature effect on minimum dead load output	%R.O./°C	≤ ±0.0011
Temperature effect on sensitivity	%/°C	≤ ±0.0011
Excitation Voltage (V_{max})	V	5
Zero balance	%R.O.	±5
Input resistance	Ω	1100 ±50 PER LOAD SENSOR
Output resistance	Ω	1000 ±2 PER LOAD SENSOR
Insulation resistance (⊙ 100VDC)	MΩ	≥ 5000
Compensated temperature range	°C	-10...+40
Operating temperature range	°C	-10...+80
Safe load limit	% E_{max}	200
Ultimate load	% E_{max}	300
Safe side load	% E_{max}	100
Maximum cornering error (measured with 1/2 capacity, 1/2 toward corner) of 1/2 capacity at center of scale	%	0.04



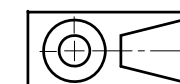
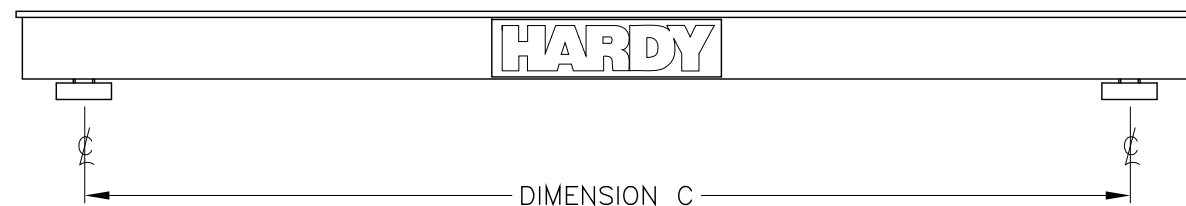
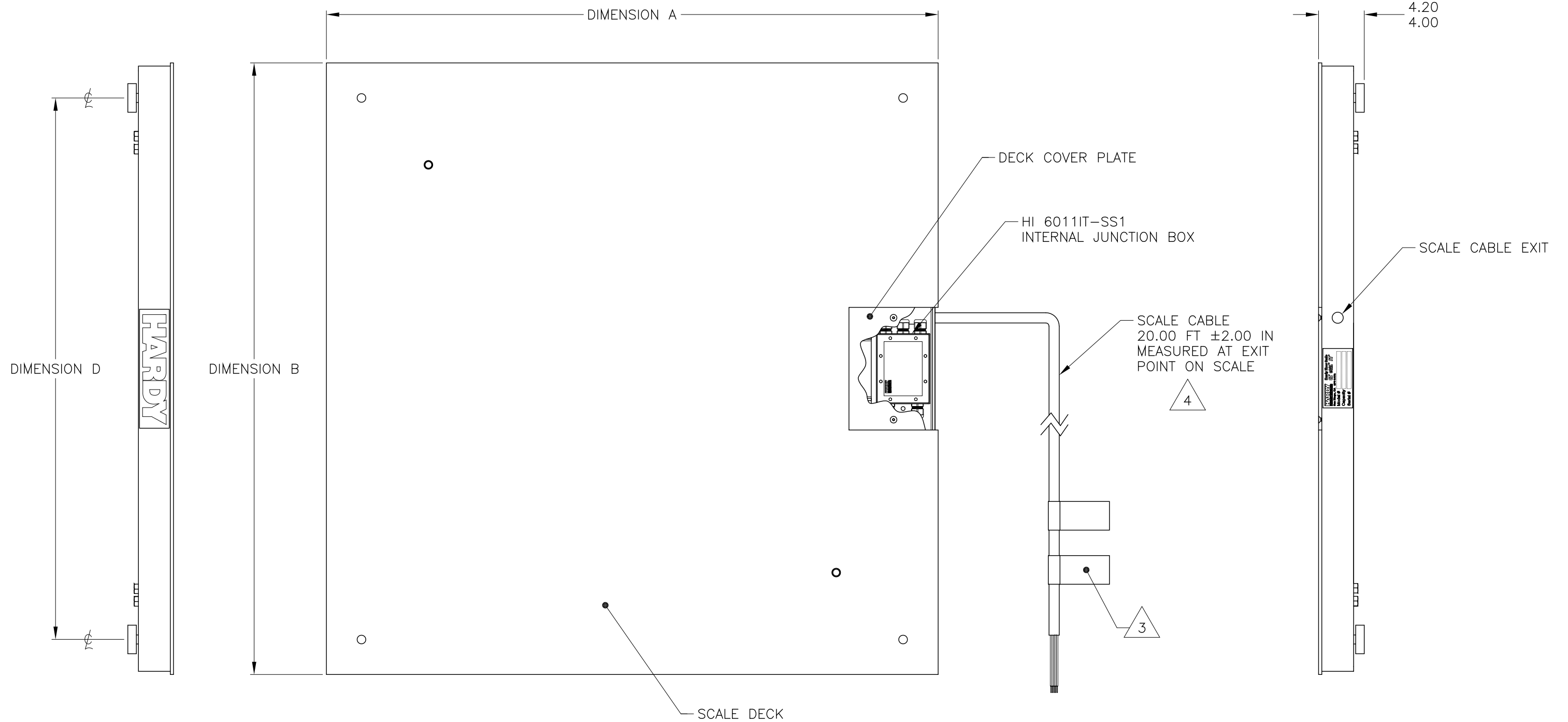


TITLE

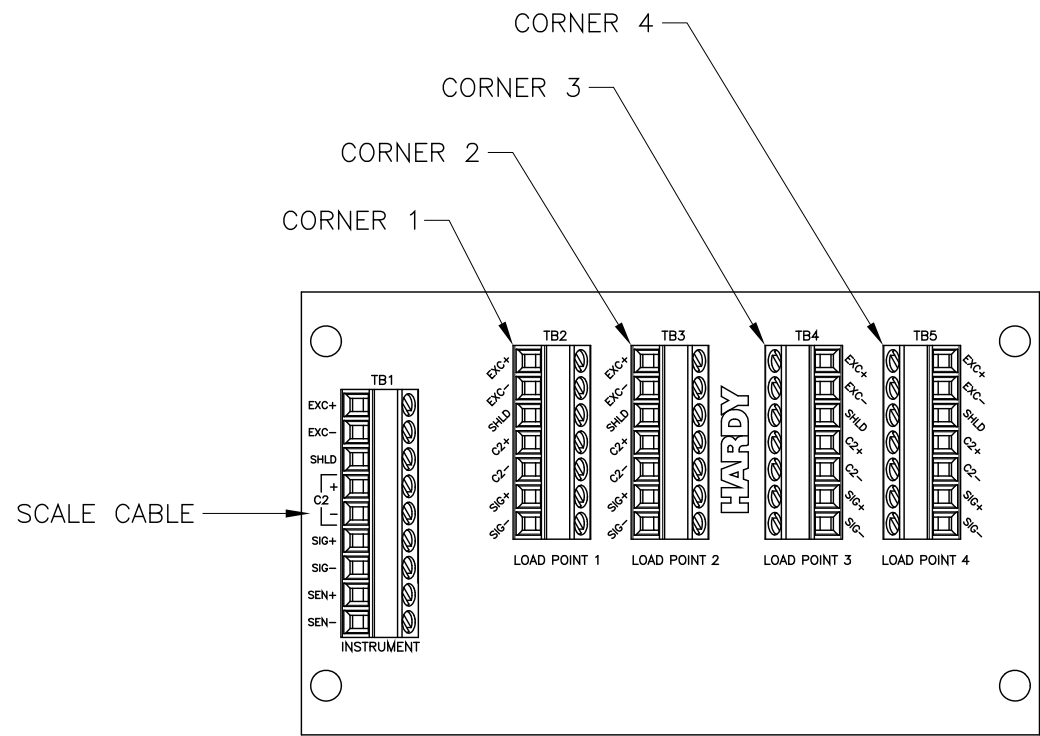
OUTLINE DRAWING, FS SERIES

HARDY FLOOR SCALES

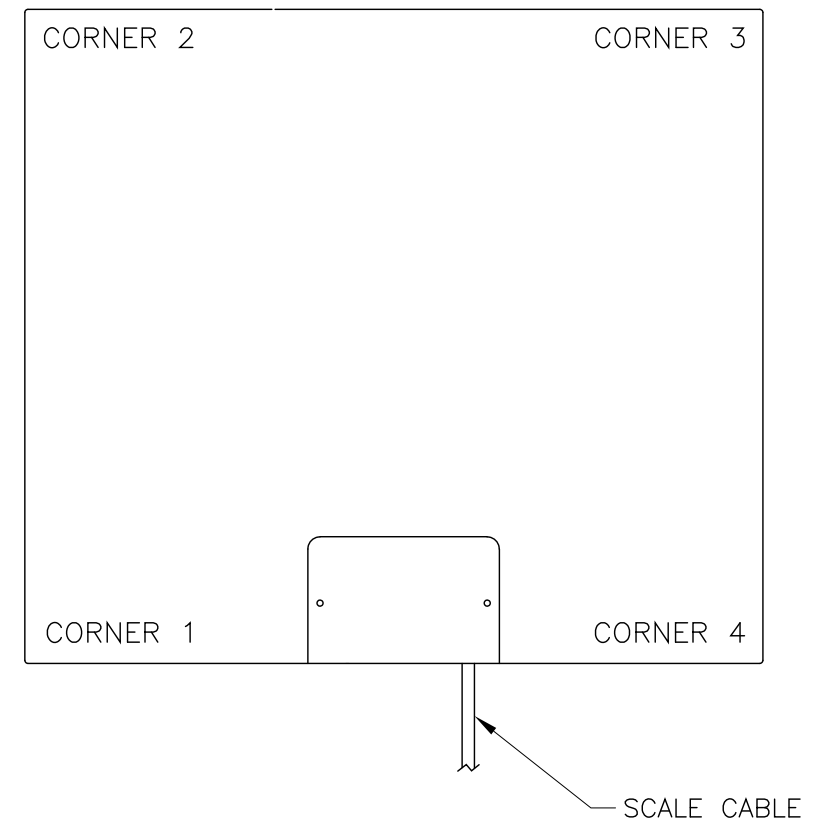
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0588-0149	D
FILE NAME: 588149D3.DWG		SCALE: NONE	SHEET 2 OF 4



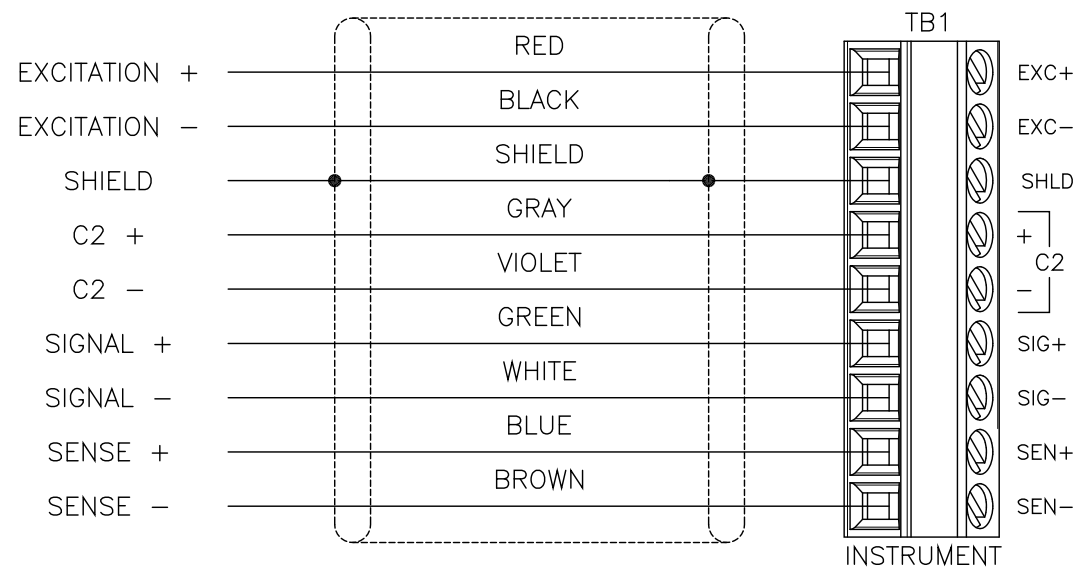
HARDY PROCESS SOLUTIONS			
TITLE OUTLINE DRAWING, FS SERIES HARDY FLOOR SCALES			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0588-0149	D
FILE NAME: 588149D3.DWG		SCALE: NONE	SHEET 3 OF 4



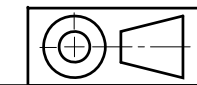
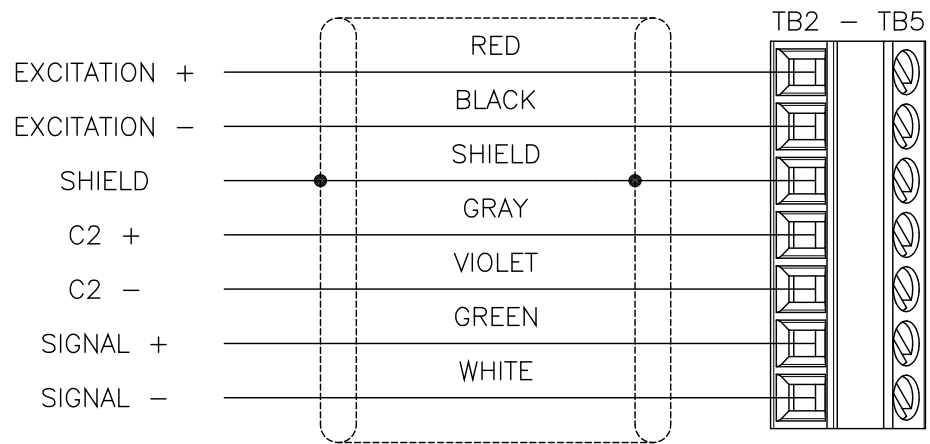
IT SUMMING CARD 



SCALE CABLE WIRING



LOAD CELL CABLE WIRING



HARDY PROCESS SOLUTIONS			
TITLE OUTLINE DRAWING, FS SERIES HARDY FLOOR SCALES			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0588-0149	D
FILE NAME: 588149D3.DWG		SCALE: NONE	SHEET 4 OF 4