

REV.	ECO/DDC	DESCRIPTION	DATE	DRAFT	CHECK	APV'D
A	----	RELEASED.	06-17-15	V.J.C.	N.H.S.	E.J.
B	11908	REVISED PER ECN.	08-21-17	V.J.C.	J.J.	V.J.C.
C	11991	REVISED PER ECN.	06-14-18	V.J.C.	D.M.	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

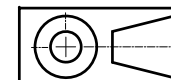
EXCITATION +	RED
EXCITATION -	BLACK
SENSE +	BLUE
SENSE -	BROWN
SIGNAL +	GREEN
SIGNAL -	WHITE
C2 +	GRAY
C2 -	VIOLET
SHIELD	YELLOW OR BARE


2. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.

1. RATED OUTPUT: 2.000 ±0.002mV/V.

NOTES: UNLESS OTHERWISE SPECIFIED

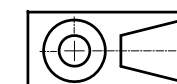
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ITEM	QTY	PART NUMBER	DESCRIPTION	COMMENTS								
0588-0174 OUTLINE DRAWING, FSLD SERIES HARDY LIFT DECK FLOOR SCALES												
PARTS LIST												
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: N/A DECIMALS: NOMINAL ANGLES: N/A		CONTRACT NO.		 HARDY PROCESS SOLUTIONS								
MATERIAL		APPROVALS										
		DRAWN V. CHULA	DATE 05-22-15									
FINISH		CHECKED N. SCHERRER	DATE 06-17-15									
		APPROVED E. JAMES	DATE 06-17-15									
DO NOT SCALE DRAWING		ISSUED V. CHULA	DATE 06-17-15	<table border="1"> <tr> <td>SIZE</td> <td>FSCM</td> <td>DRAWING NO.</td> <td>REV.</td> </tr> <tr> <td>D</td> <td>21316</td> <td>0588-0174</td> <td>C</td> </tr> </table>	SIZE	FSCM	DRAWING NO.	REV.	D	21316	0588-0174	C
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D	21316	0588-0174	C									
		PRODUCTION	DATE	<table border="1"> <tr> <td>FILE NAME:</td> <td>588174C1.DWG</td> <td>SCALE:</td> <td>NONE</td> <td>SHEET</td> <td>1 OF 4</td> </tr> </table>	FILE NAME:	588174C1.DWG	SCALE:	NONE	SHEET	1 OF 4		
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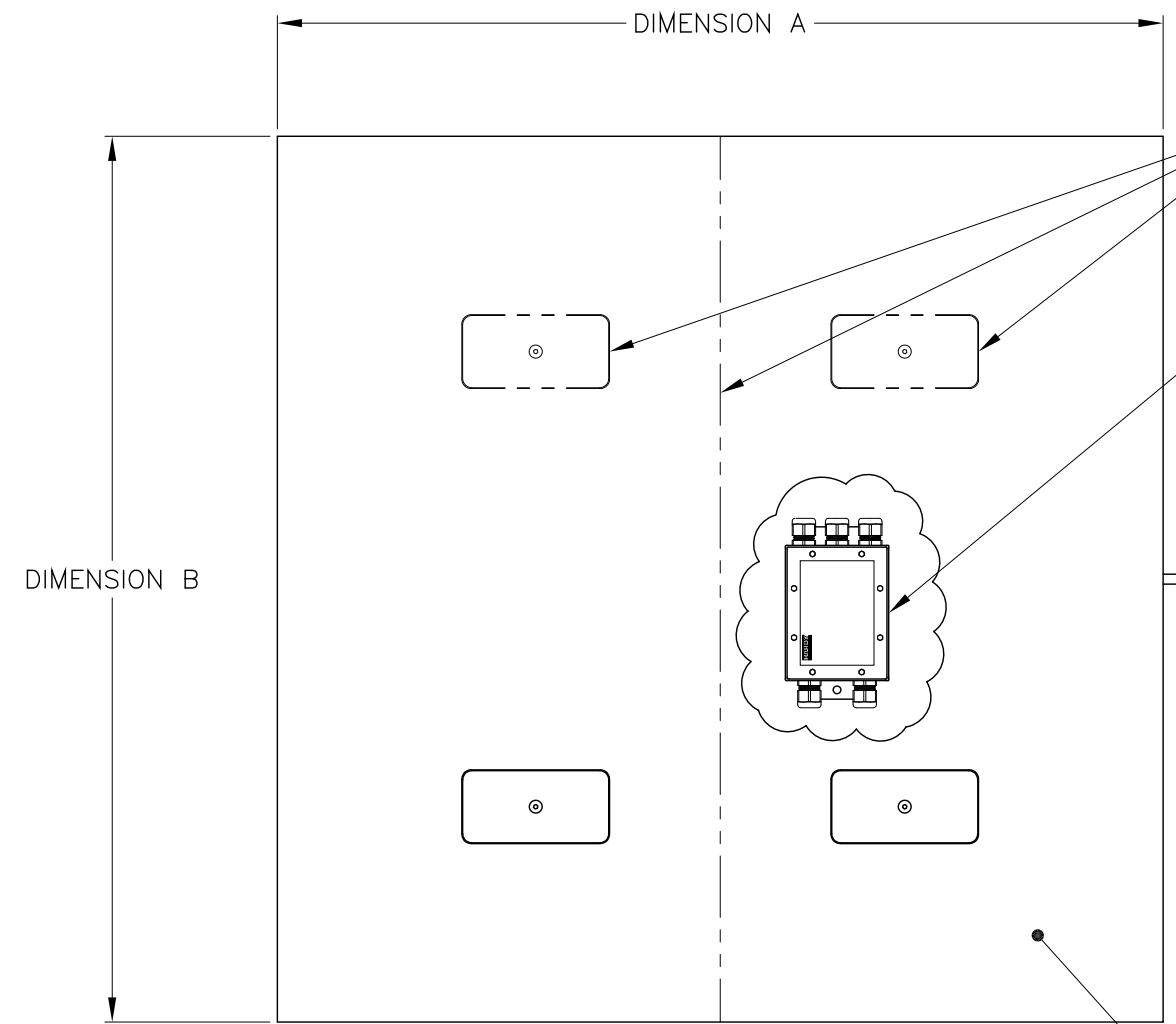
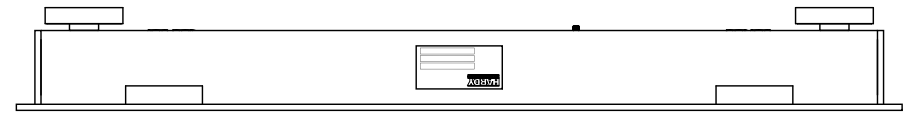
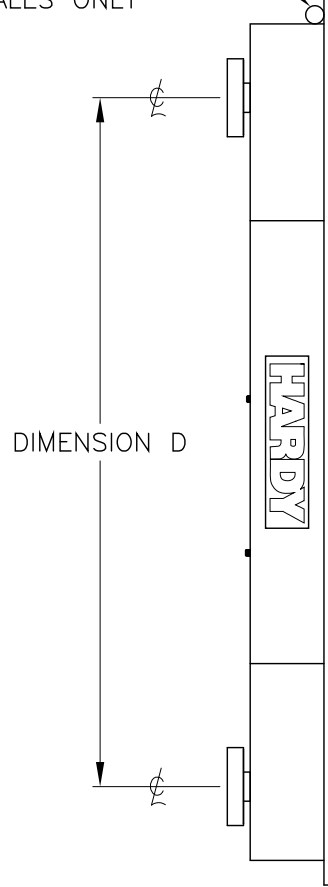
MODEL NUMBER CONFIGURATION CHART									
MODEL NUMBER	CAPACITY (LBS)	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	SCALE MATERIAL	DECK TYPE	LOAD SENSOR MODEL NUMBER	SHIPPING WEIGHT (LBS)
HIFSLD-3636-01-SS-S	1000	36 IN	36 IN	30.5 IN	28.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-500 (QTY 4)	290 (SCALE AND SKID)
HIFSLD-3636-01-SS-T	1000	36 IN	36 IN	30.5 IN	28.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-500 (QTY 4)	290 (SCALE AND SKID)
HIFSLD-3636-02-SS-S	2000	36 IN	36 IN	30.5 IN	28.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-1K (QTY 4)	290 (SCALE AND SKID)
HIFSLD-3636-02-SS-T	2000	36 IN	36 IN	30.5 IN	28.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-1K (QTY 4)	290 (SCALE AND SKID)
HIFSLD-3636-05-SS-S	5000	36 IN	36 IN	30.5 IN	28.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)	290 (SCALE AND SKID)
HIFSLD-3636-05-SS-T	5000	36 IN	36 IN	30.5 IN	28.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)	290 (SCALE AND SKID)
HIFSLD-4848-01-SS-S	1000	48 IN	48 IN	42.5 IN	40.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-500 (QTY 4)	440 (SCALE AND SKID)
HIFSLD-4848-01-SS-T	1000	48 IN	48 IN	42.5 IN	40.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-500 (QTY 4)	440 (SCALE AND SKID)
HIFSLD-4848-02-SS-S	2000	48 IN	48 IN	42.5 IN	40.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-1K (QTY 4)	440 (SCALE AND SKID)
HIFSLD-4848-02-SS-T	2000	48 IN	48 IN	42.5 IN	40.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-1K (QTY 4)	440 (SCALE AND SKID)
HIFSLD-4848-05-SS-S	5000	48 IN	48 IN	42.5 IN	40.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)	440 (SCALE AND SKID)
HIFSLD-4848-05-SS-T	5000	48 IN	48 IN	42.5 IN	40.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)	440 (SCALE AND SKID)
HIFSLD-6060-01-SS-S	1000	60 IN	60 IN	54.5 IN	52.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-500 (QTY 4)	695 (SCALE AND SKID)
HIFSLD-6060-01-SS-T	1000	60 IN	60 IN	54.5 IN	52.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-500 (QTY 4)	695 (SCALE AND SKID)
HIFSLD-6060-02-SS-S	2000	60 IN	60 IN	54.5 IN	52.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-1K (QTY 4)	695 (SCALE AND SKID)
HIFSLD-6060-02-SS-T	2000	60 IN	60 IN	54.5 IN	52.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-1K (QTY 4)	695 (SCALE AND SKID)
HIFSLD-6060-05-SS-S	5000	60 IN	60 IN	54.5 IN	52.0 IN	STAINLESS STEEL	SMOOTH	HI SBHF14-2.5K (QTY 4)	695 (SCALE AND SKID)
HIFSLD-6060-05-SS-T	5000	60 IN	60 IN	54.5 IN	52.0 IN	STAINLESS STEEL	TREAD	HI SBHF14-2.5K (QTY 4)	695 (SCALE AND SKID)

Maximum capacity (E_{max})	Pounds (Force)	1000, 2000, 5000
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



HARDY PROCESS SOLUTIONS			
TITLE OUTLINE DRAWING, FSLD SERIES HARDY LIFT DECK FLOOR SCALES			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0588-0174	C
FILE NAME: 588174C1.DWG		SCALE: NONE	SHEET 2 OF 4

LIFT DECK HINGE
36" X 36" AND
48" X 48"
SCALES ONLY



ADDITIONAL FEATURES
FOUND ON 60" X 60"
SCALES ONLY

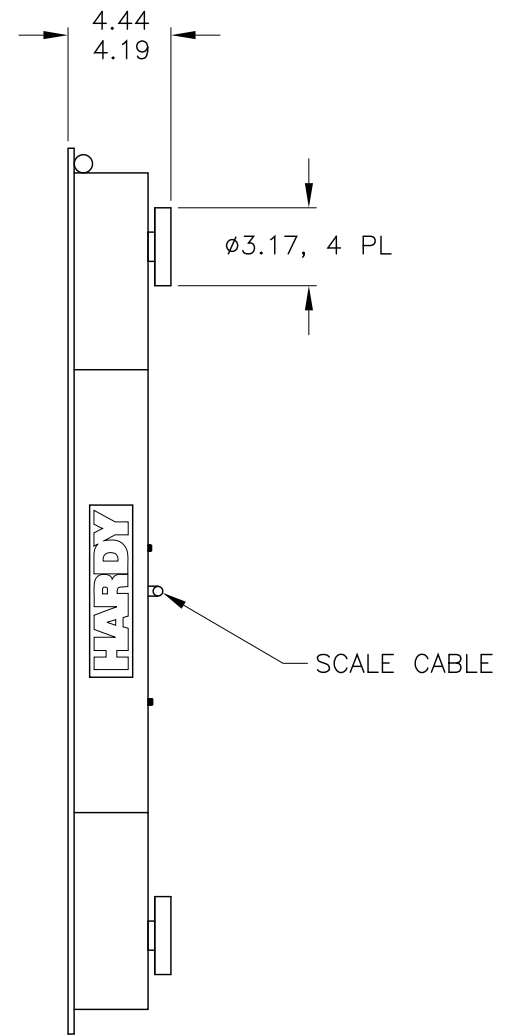
HI 6011IT-SS1
INTERNAL JUNCTION BOX
(ORIENTATION MAY VARY)

SCALE CABLE
20.00 FT ±2.00 IN
MEASURED FROM EXIT POINT
ON INTERNAL JUNCTION BOX

4

3

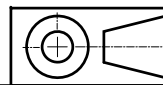
SCALE LIFT DECK



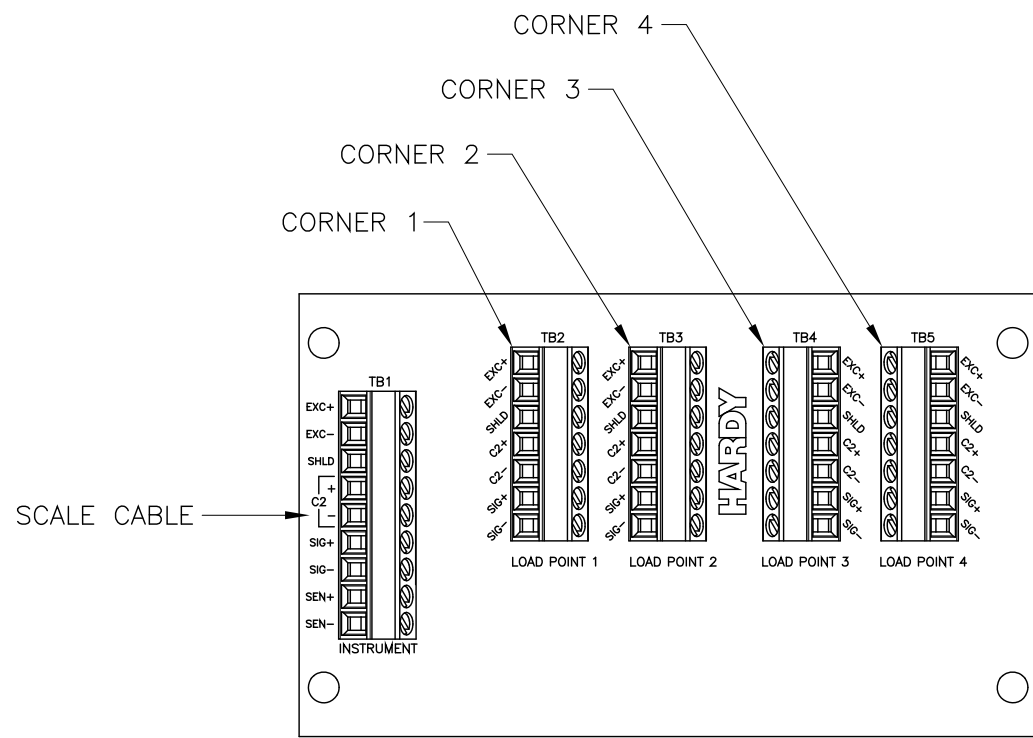
LIFT DECK HINGE
60" X 60"
SCALES ONLY



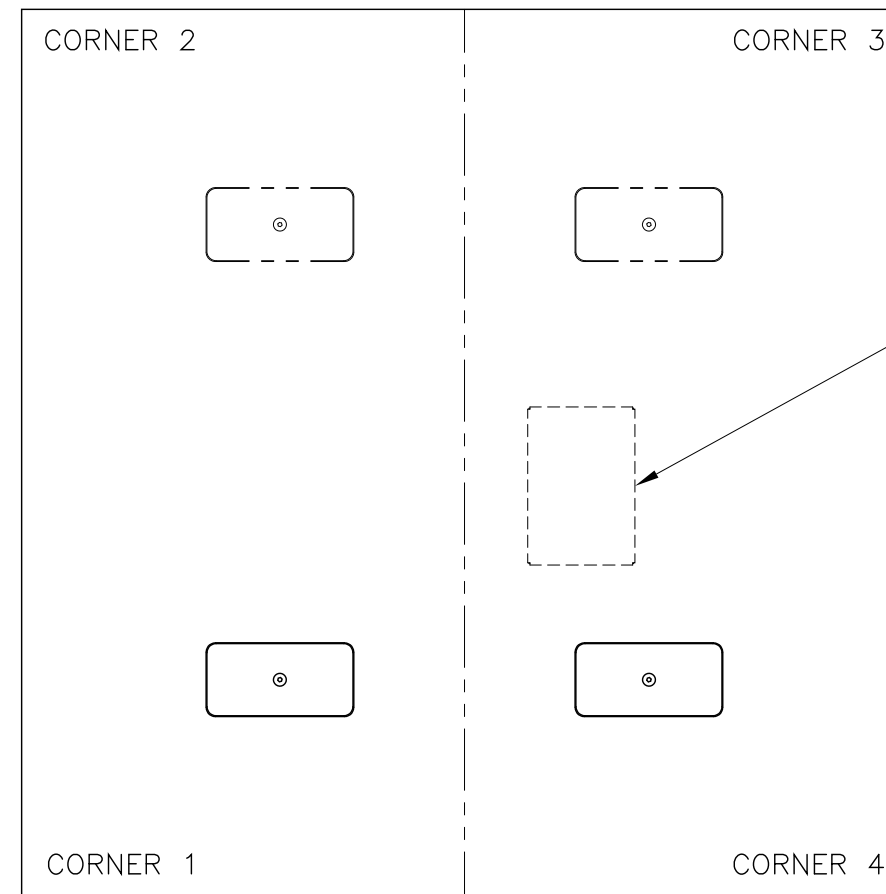
LIFT DECK HINGE
60" X 60"
SCALES ONLY



HARDY PROCESS SOLUTIONS			
TITLE OUTLINE DRAWING, FSLD SERIES HARDY LIFT DECK FLOOR SCALES			
SIZE D	FSCM 21316	DRAWING NO. 0588-0174	REV. C
FILE NAME: 588174C1.DWG		SCALE: NONE	SHEET 3 OF 4

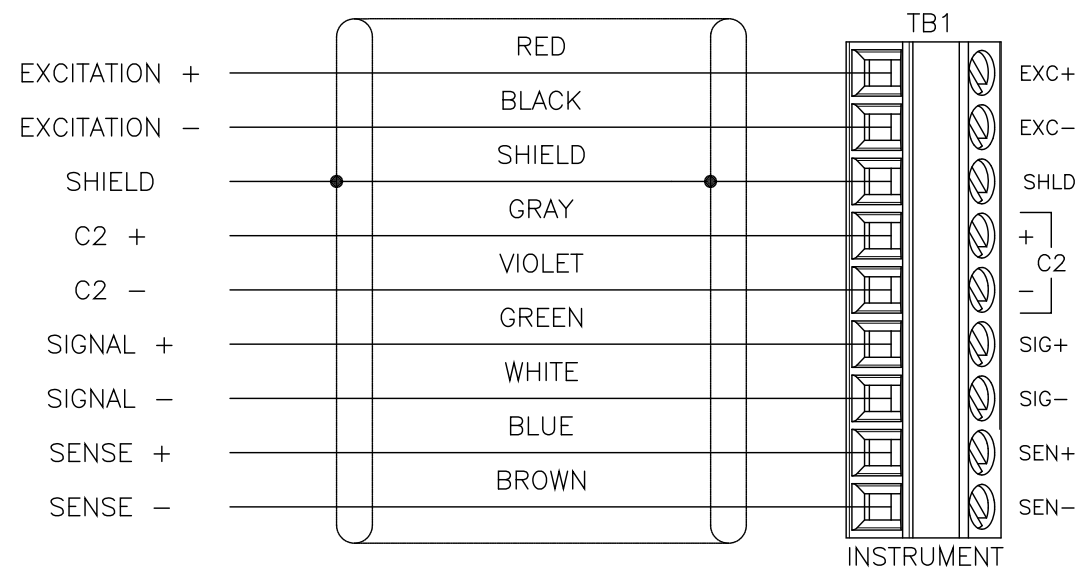


IT SUMMING CARD 5

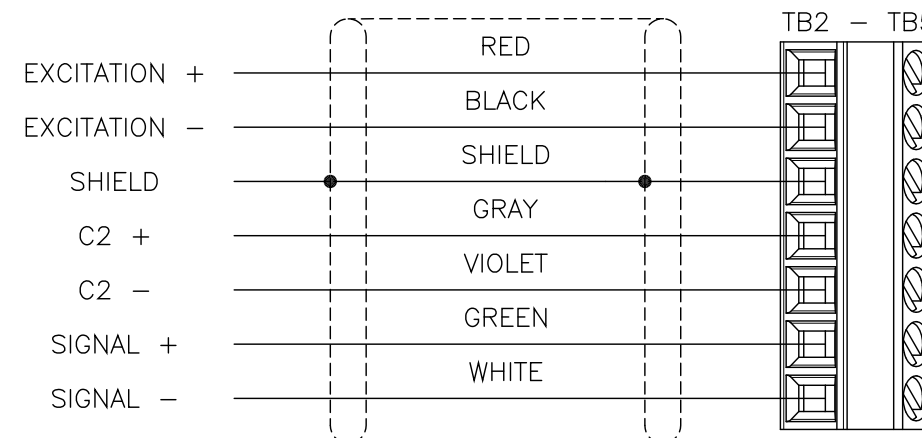


HI 6011IT-SS1
INTERNAL JUNCTION BOX
(ORIENTATION MAY VARY)

SCALE CABLE WIRING



LOAD CELL CABLE WIRING



HARDY PROCESS SOLUTIONS			
TITLE OUTLINE DRAWING, FSLD SERIES HARDY LIFT DECK FLOOR SCALES			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0588-0174	C
FILE NAME: 588174C1.DWG		SCALE: NONE	SHEET 4 OF 4

