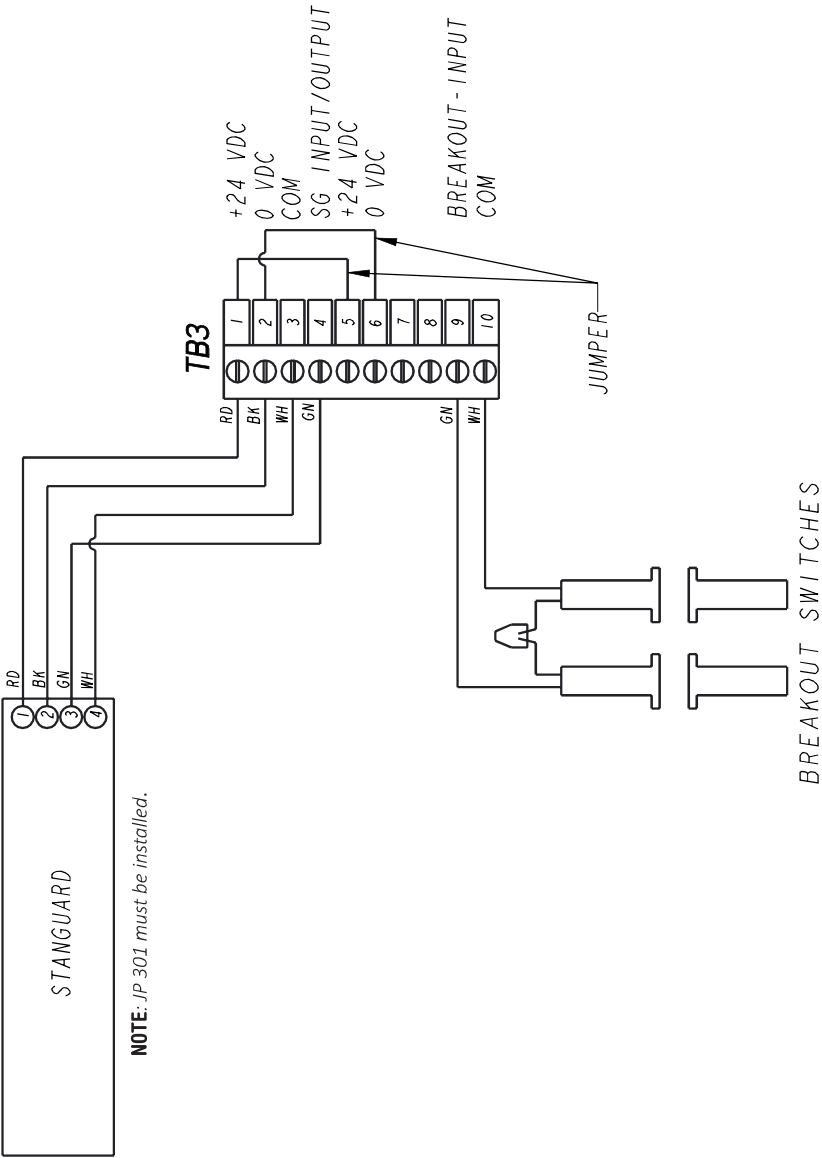
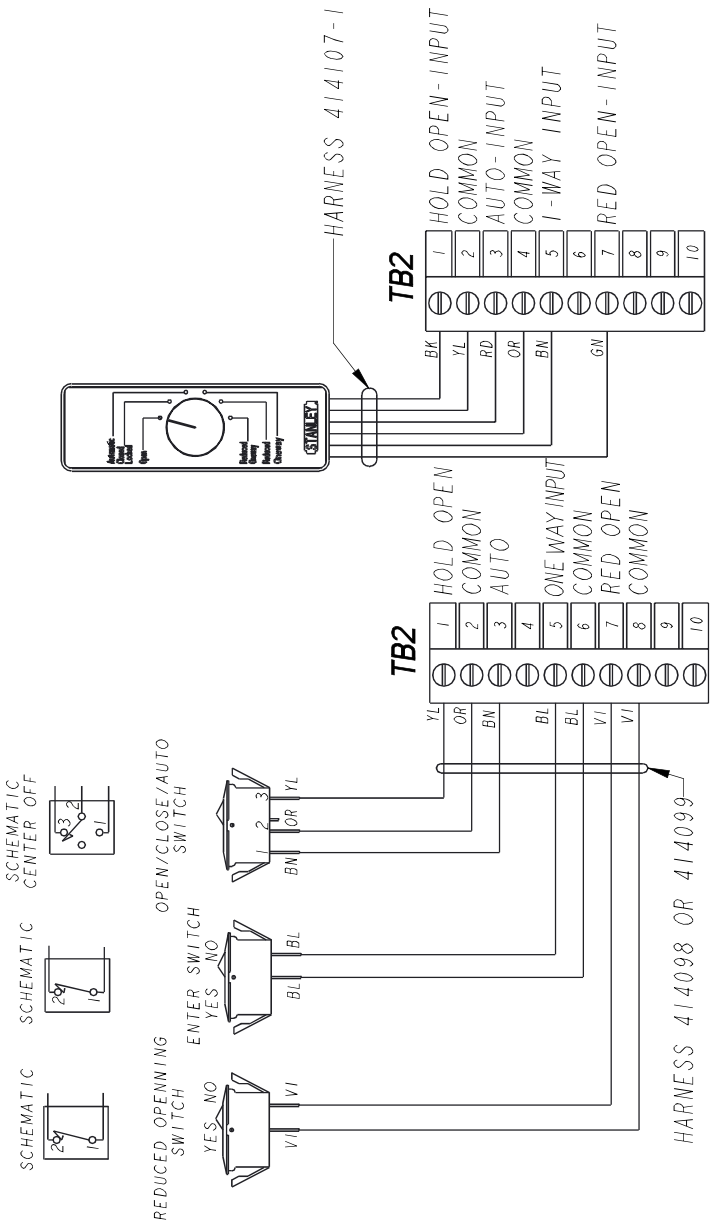


Attachment 2
iQ System Wiring Diagram
(Sheet 1 of 10)



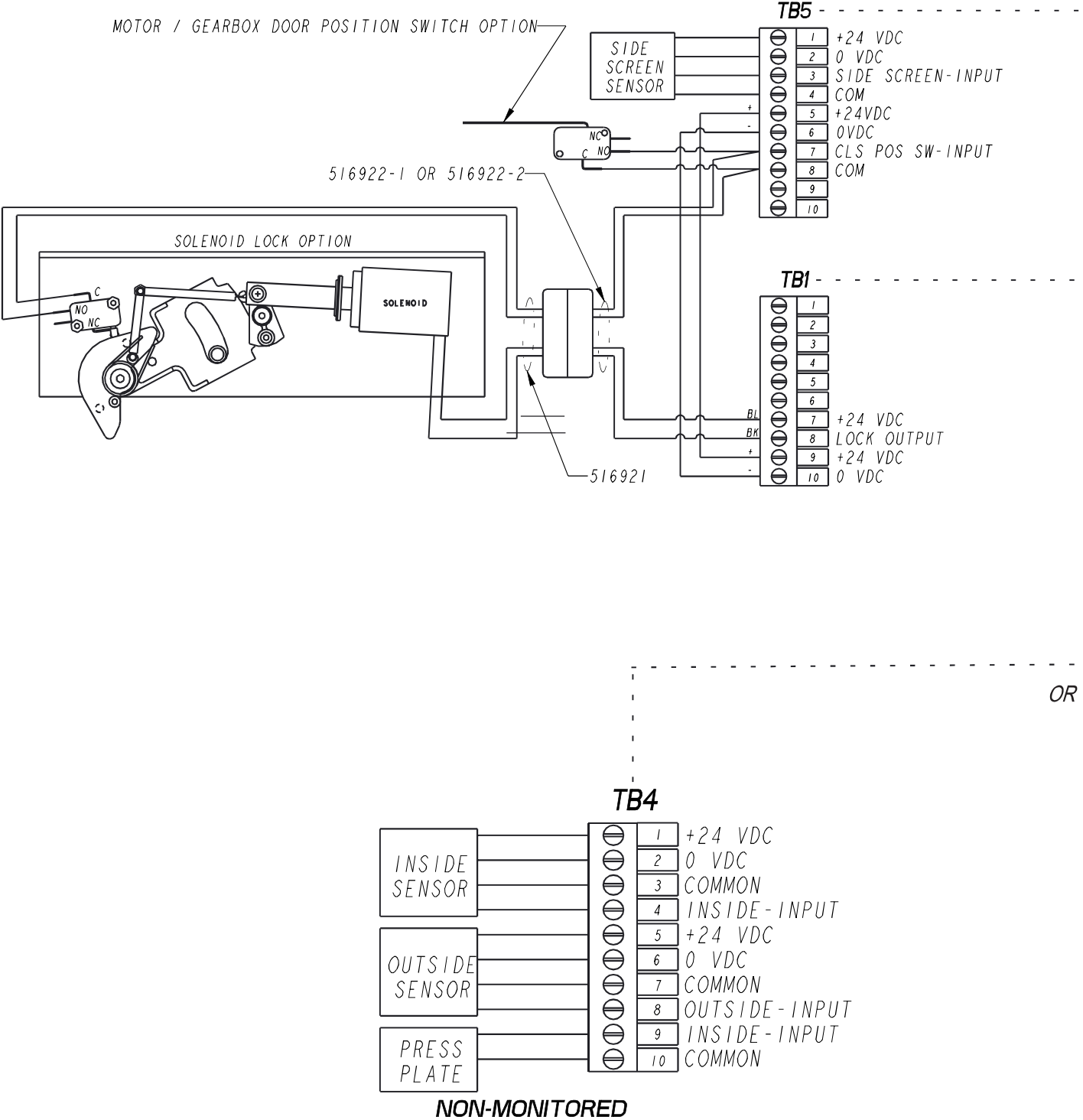
NOTE: JP 301 must be installed.

Attachment 2
iQ System Wiring Diagram
(Sheet 2 of 10)



Attachment 2
iQ System Wiring Diagram
(Sheet 3 of 10)

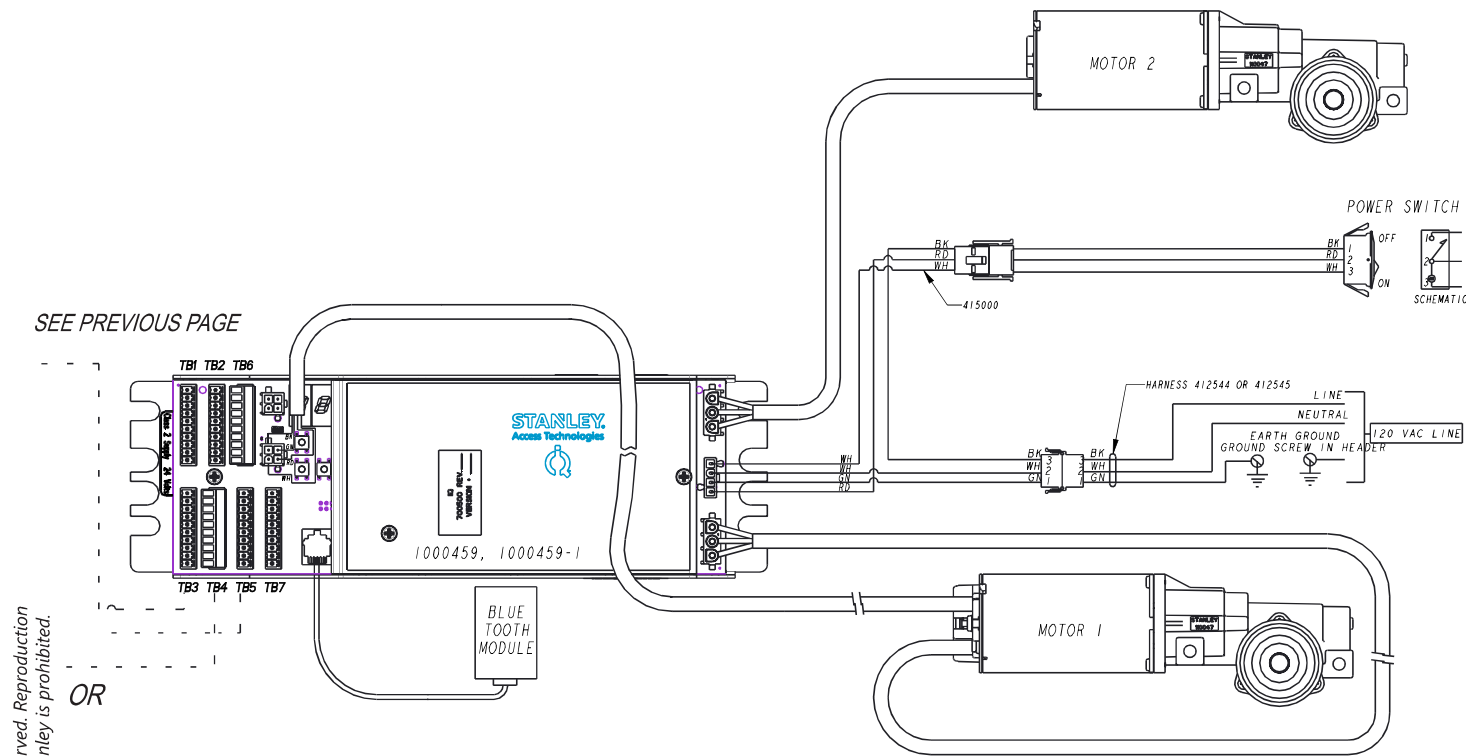
SEE NEXT PAGE



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01.25.2019

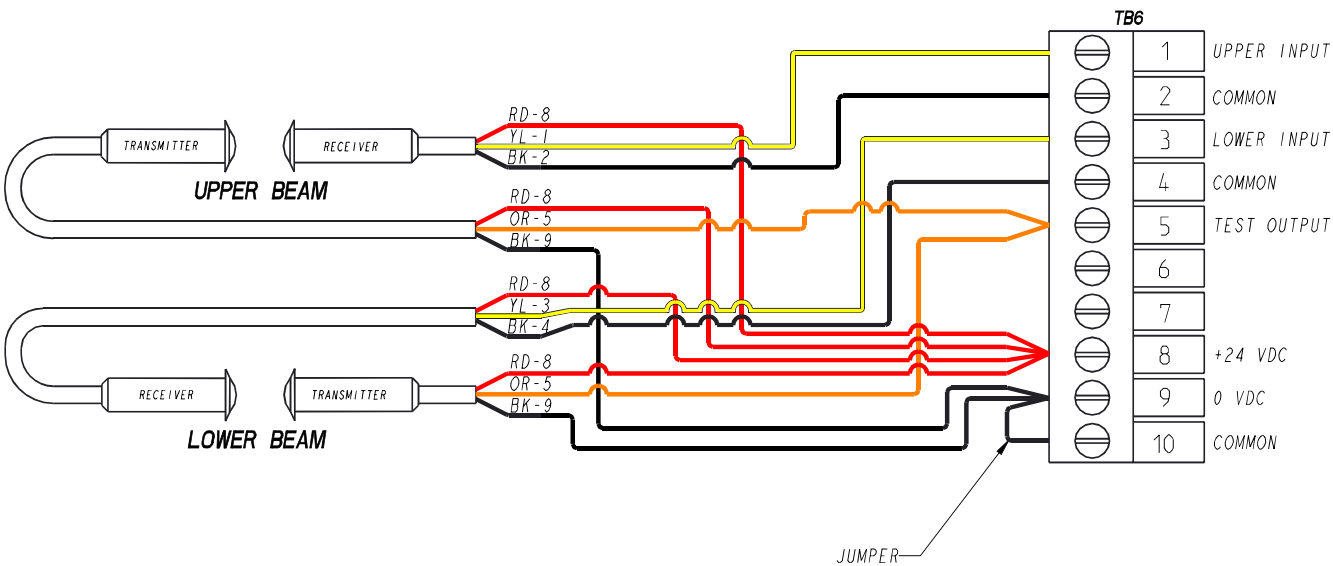
Attachment 2
iQ System Wiring Diagram
(Sheet 4 of 10)



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Attachment 2
iQ System Wiring Diagram
(Sheet 5 of 10)

PHOTO BEAM PRO HOLDING BEAM/
STANLEY PHOTO BEAM

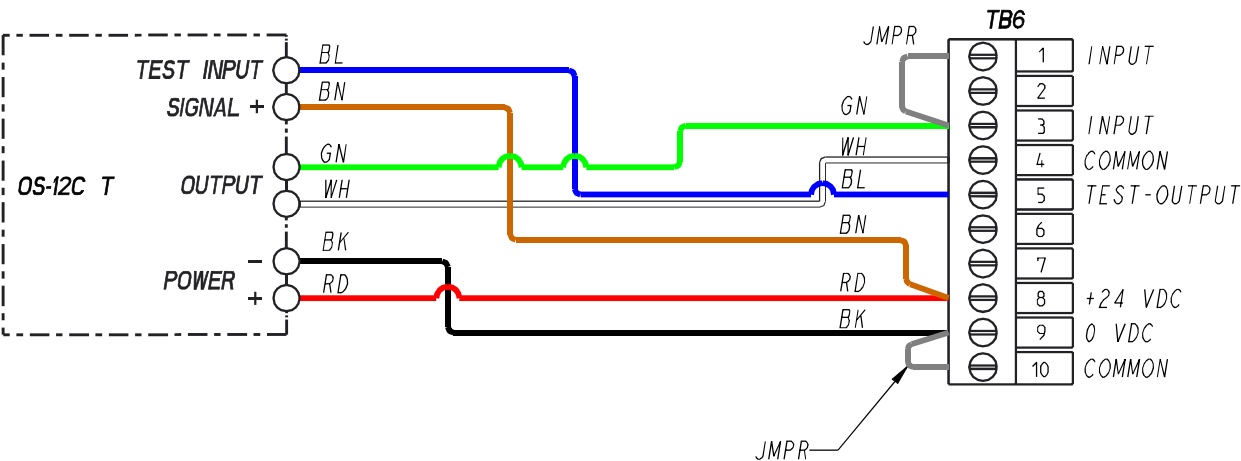


On the iQ: Set **INDEX 20** to **VALUE 01** (Monitored Beam).

TB6	COLOR	DUAL HOLDING BEAM WIRING
1	YL	OUTPUT UPPER RECEIVER
2	BK	(-) UPPER RECEIVER
3	YL	OUTPUT LOWER RECEIVER
4	BK	(-) LOWER RECEIVER
5	OR	TRANSMITTER CONTROL LOWER AND UPPER
6	--	NO CONNECTION
7	--	NO CONNECTION
8	RD	(+) ALL RECEIVERS AND TRANSMITTERS
9	BK	(-) LOWER AND UPPER TRANSMITTERS, JUMPER TO TB6-10
10	BK	JUMPER FROM TB6-9

Attachment 2
iQ System Wiring Diagram
(Sheet 6 of 10)

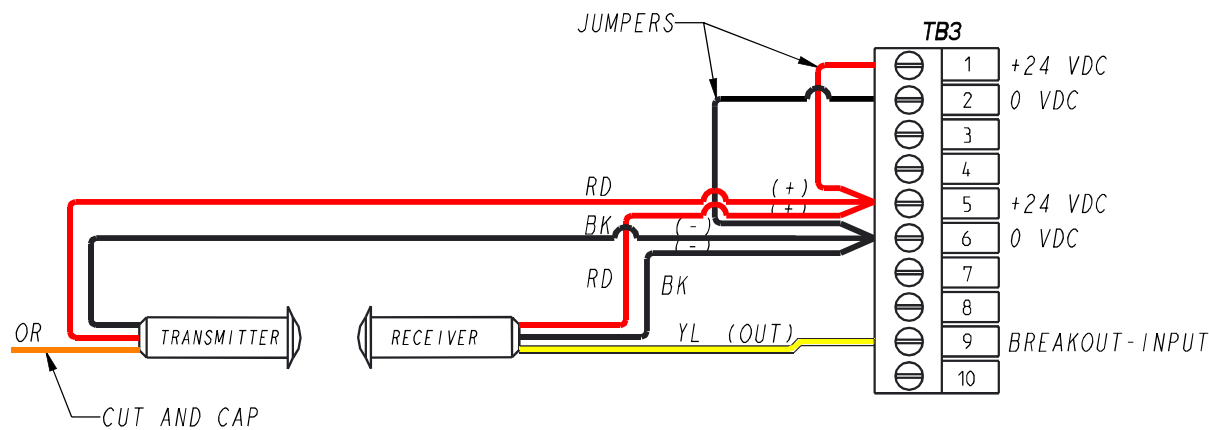
OPTEX OS-12C T
DOORWAY HOLDING BEAM



Program the OS-12 CT set to “D” - Active High / N.C.
On the iQ: Set INDEX 20 to VALUE 01 (Monitored Beam).

Attachment 2
iQ System Wiring Diagram
(Sheet 7 of 10)

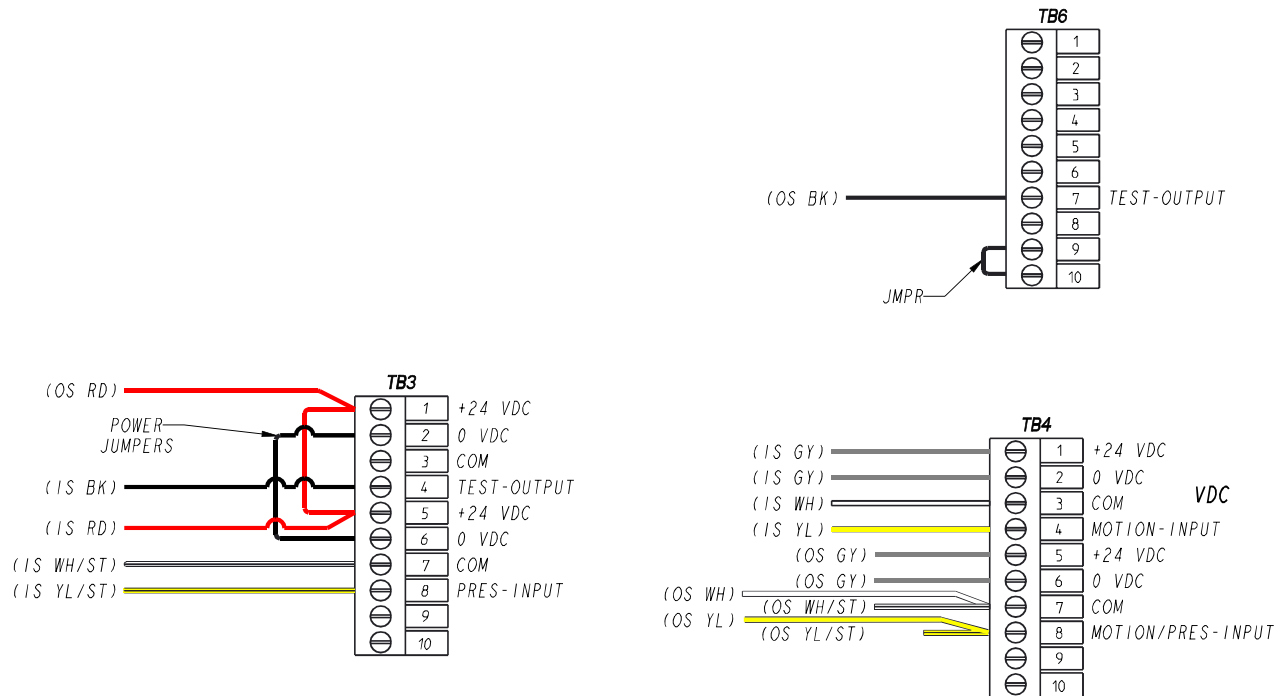
PHOTO BEAM PRO BREAKOUT BEAM



TB3	COLOR	PHOTO BEAM PRO BREAKOUT BEAM
1	RD	JUMPER FROM TB3-5
2	BK	JUMPER FROM TB3-6
3	--	NO CONNECTION
4	--	NO CONNECTION
5	RD	JUMPER FROM TB3-1, (+) RECEIVER AND TRANSMITTER
6	BK	JUMPER FROM TB3-2, (-) RECIEVER AND TRANSMITTER
7	--	NO CONNECTION
8	--	NO CONNECTION
9	YL	OUTPUT RECEIVER
10	--	NO CONNECTION

Attachment 2 iQ System Wiring Diagram (Sheet 8 of 10)

X ZONE T & ST 2 MONITORED SENSORS



X-Zone ST

For Security Applications / 1-WAY

Key DIP Switch settings: 10 and 11 **DOWN**; 12, 13, 14, 15 and 16 **UP**.

X-Zone ST and X-Zone (ST)

Key DIP Switch settings: 10 and 11 **DOWN**; 12, 14 and 15 **UP**.

iQ

Remove JP301.

Set index 19 to Value = 00 (Sensor Monitoring with Threshold Control).

X-Zone T

Key DIP Switch settings: 11 and 12 **DOWN**; 13 and 15 **UP**.

iQ

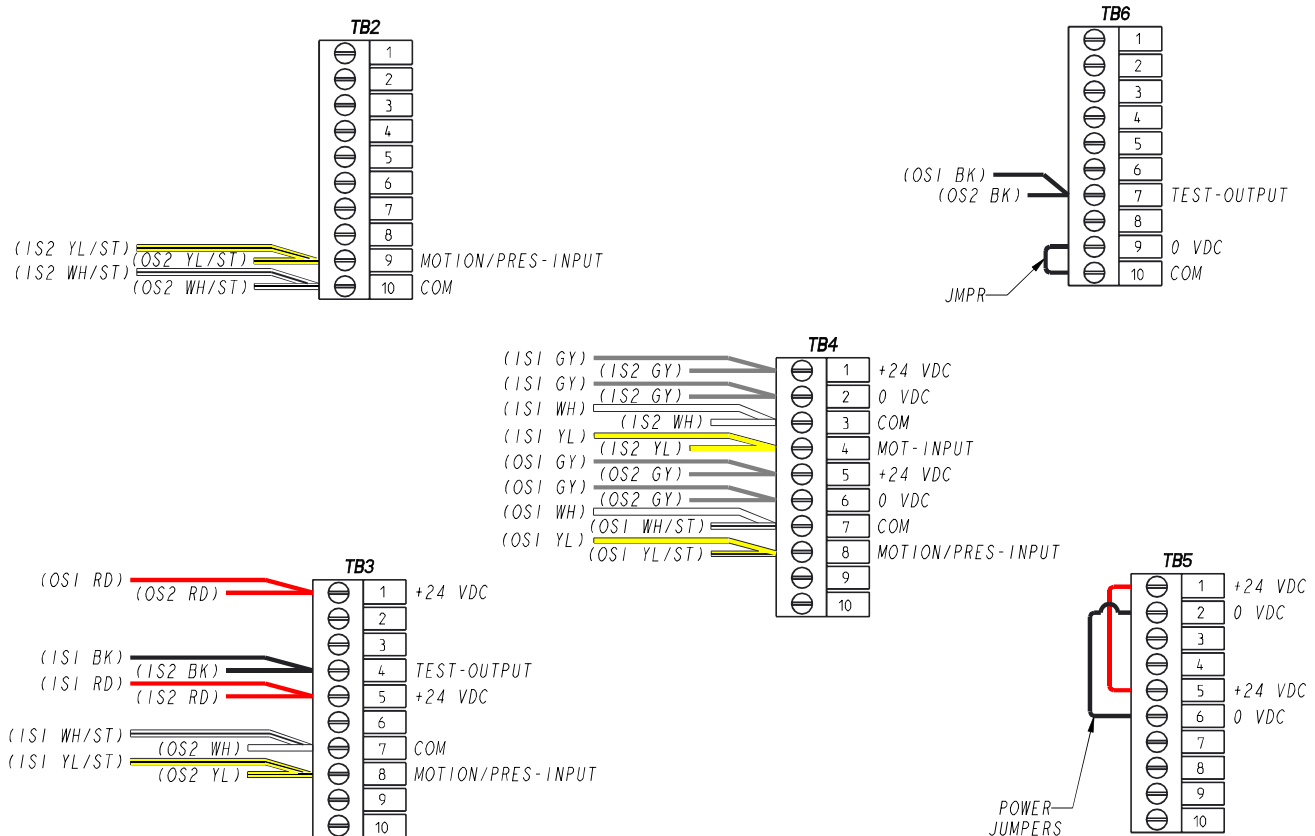
Remove JP301.

Set index 19 to Value = 03 (Monitored 2 Sensors).

NOTE:: The X-Zone ST will replace the X-Zone (ST) in 2019.

Attachment 2 iQ System Wiring Diagram (Sheet 9 of 10)

X ZONE T & ST 4 MONITORED SENSORS



X-Zone ST

For Security Applications / 1-WAY

Key DIP Switch settings: 10 and 11 **DOWN**; 12, 13, 14, 15 and 16 **UP**.

X-Zone ST and X-Zone (ST)

Key DIP Switch settings: 10 and 11 **DOWN**; 12, 14 and 15 **UP**.

iQ

Remove JP301.

Set index 19 to Value = 01 (Monitored 4 Sensors - Threshold Zone Control).

X-Zone T

Key DIP Switch settings: 11 and 12 **DOWN**; 13 **UP** and 15 **UP**.

iQ

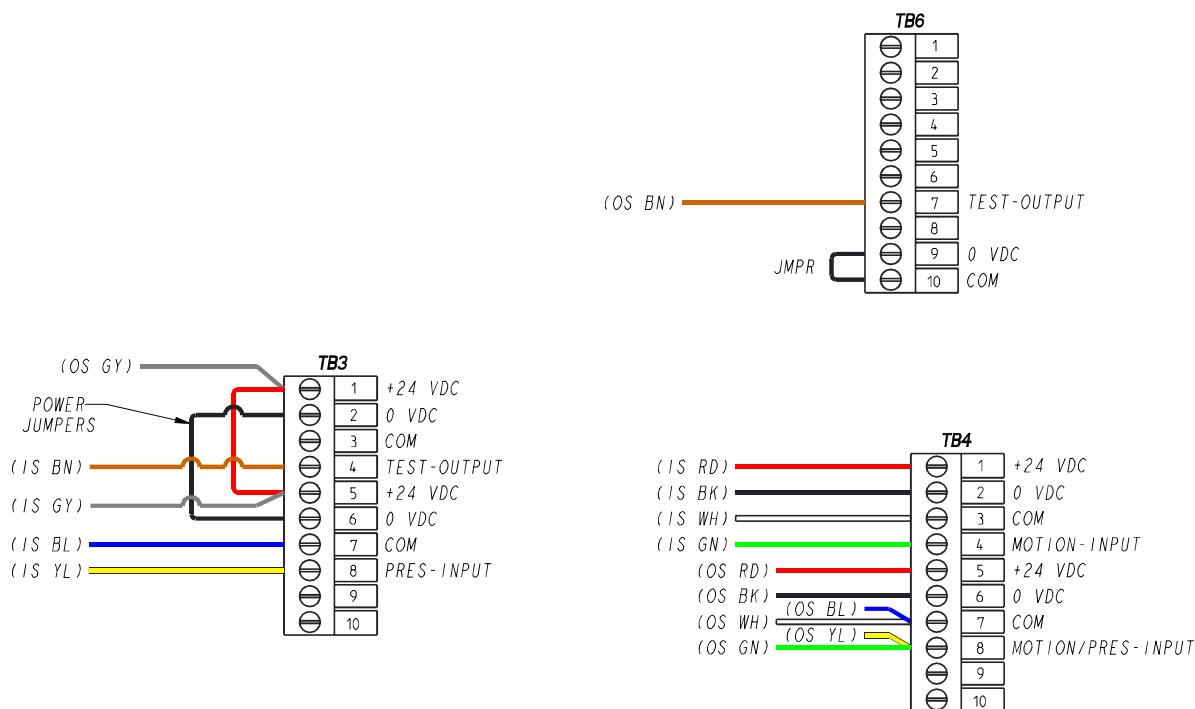
Remove JP301.

Set index 19 to Value = 05 (Monitored 4 Sensors).

NOTE: The X-Zone ST will replace the X-Zone (ST) in 2019.

Attachment 2 iQ System Wiring Diagram (Sheet 10 of 10)

HOTRON HR100-ST



HR100 ST

Recommended DIP Switch settings:

DIP Switch X: (2, 3, and 4 = **UP**) (1 = **DOWN**).

DIP Switch Y: (1, 2, 3 and 4 = **UP**)

DIP Switch Z: (1, 2, 3 and 4 = **UP**) (5 and 6 = **DOWN**).

{**UP** = **OFF**} {**DOWN** = **ON**}

iQ Settings

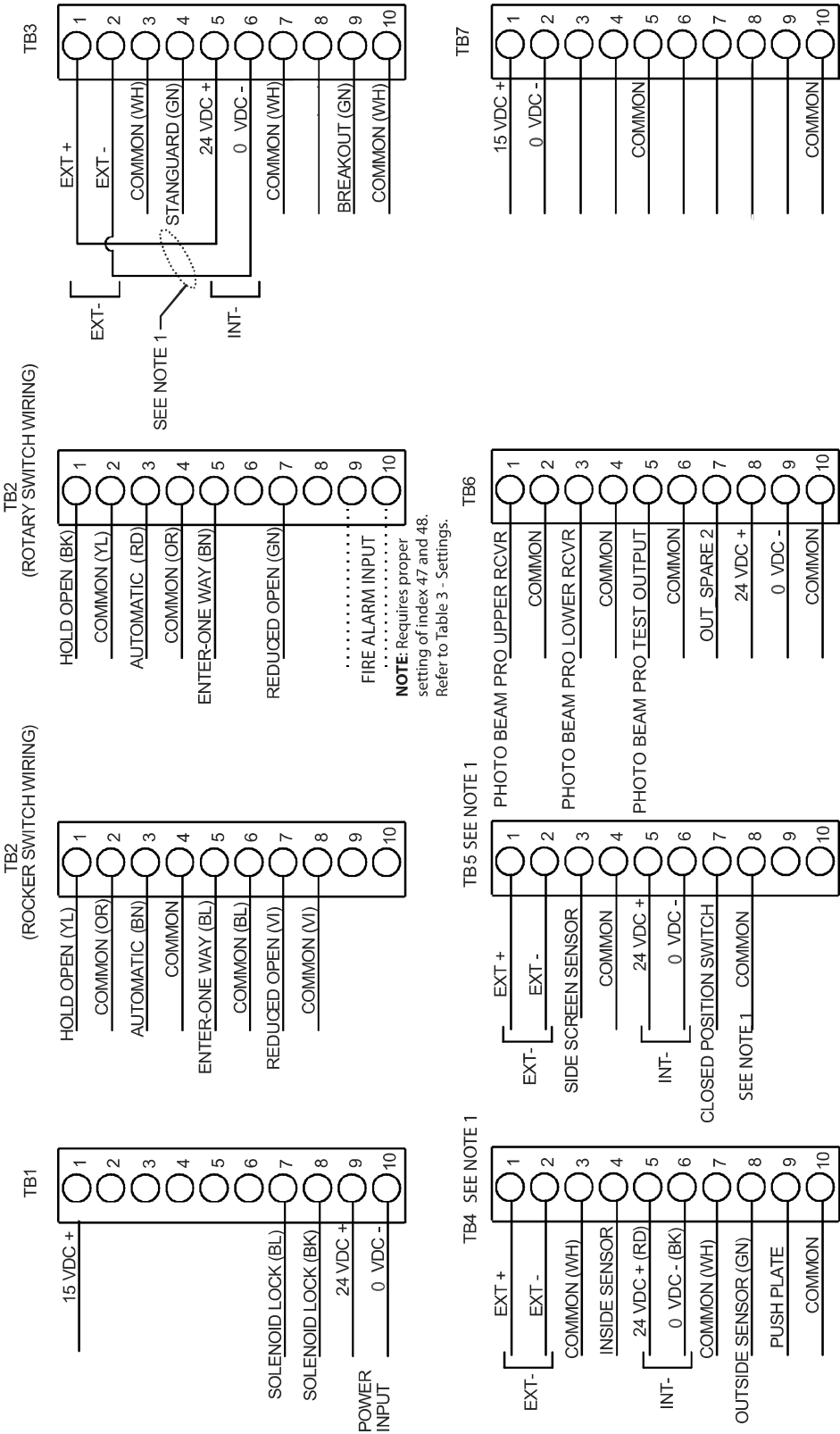
Remove JP301.

Set index 19 to Value = 03 (Monitored 2 Sensors).



CAUTION: Tapered HR100 ST base plate must removed before sensor is installed for threshold sensor detection.

Attachment 3
iQ Terminal Block Connections -- TB1 through TB7
(Sheet 1 of 1)



NOTE 1. REMOVE JUMPERS ON TB3 IF EXTERNAL POWER SUPPLY IS USED. JUMPERS ON TB3 CONNECT INTERNAL POWER SUPPLY (INT) TO THE EXTERNAL POWER SUPPLY BUS (EXT).