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TABLE OF CONTENTS

PAGE	PAGE DESCRIPTION	Date	Edited by
0_1	COPYRIGHT page	2024-03-11	seanhag7
0_2	Table of contents : 0_1 - 18	2024-03-11	seanhag7
1	Block diagram 1 1 Robot, 1 Conveyor, 1 Camera	2020-03-13	sethsta
2	Wiring diagram 1 DSQC377 Queue tracking/DSQC652 I/O 1 Robot, 1 Conveyor, 1 Camera	2020-03-13	sethsta
2.1	Wiring diagram 1 1 Robot, 1 Conveyor, 1 Camera	2020-03-13	sethsta
3	Block diagram 2 1 Robot, 1 Conveyor, 1 Sensor	2020-03-13	sethsta
4	Wiring diagram 2 1 Robot, 1 Conveyor, 1 Sensor	2020-03-13	sethsta
4.1	Wiring diagram 2 1 Robot, 1 Conveyor, 1 Sensor	2020-03-13	sethsta
5	Block diagram 3 1 Robot, 1 Sensor, No conveyor tracking	2020-03-13	sethsta
6	Wiring diagram 3 1 Robot, 1 Sensor, No conveyor tracking	2020-03-13	sethsta
6.1	Wiring diagram 3 1 Robot, 1 Sensor, No conveyor tracking	2020-03-13	sethsta
7	Block diagram 4 2 Robots, 1 Conveyor, 1 Camera Multi move controller E.g ATC and Load balancing	2020-03-13	sethsta
8	Wiring diagram 4 2 Robots, 1 Conveyor, 1 Camera Multi move controller E.g ATC and Load balancing	2023-02-16	seermes
8.1	Wiring diagram 4 2 Robots, 1 Conveyor, 1 Camera Multi move controller E.g ATC and Load balancing	2023-02-16	seermes
9	Unit mapping of predefined I/O signals	2010-12-16	sethsta
9.1	Unit mapping of predefined I/O signals	2017-10-19	sethsta
10	Unit mapping of conveyor signals and customer signals.	2010-12-16	sethsta
11	Block diagram #1 robot x 1 + conveyor + camera	2020-03-13	sethsta
12	Wiring diagram #9 Robot x 1 + Conveyor + Basler Scout camera, PNP & push/pull encoder Power-I/O cable 2000022909 & 2000026632	2024-03-11	seanhag7
13	Wiring diagram #10 Robot x 1 + Conveyor + Basler Scout camera, NPN encoder Power-I/O cable 2000022909 & 2000026632	2024-03-11	seanhag7
14	Wiring diagram #11 Robot x 1 + Conveyor + Basler Scout camera, PNP & push/pull encoder Power-I/O cable 2000034085	2024-03-11	seanhag7
15	Wiring diagram #12 Robot x 1 + Conveyor + Basler Scout camera, NPN encoder Power-I/O cable 2000034085	2024-03-11	seanhag7
18	Wiring diagram #13 Robot x 1 + Conveyor + Basler ace camera, PNP & push/pull encoder Power-I/O cable 2000034084	2024-03-11	seanhag7
19	Wiring diagram #14 Robot x 1 + Conveyor + Basler ace camera, NPN encoder Power-I/O cable 2000034084	2024-03-11	seanhag7
20	Revision page		

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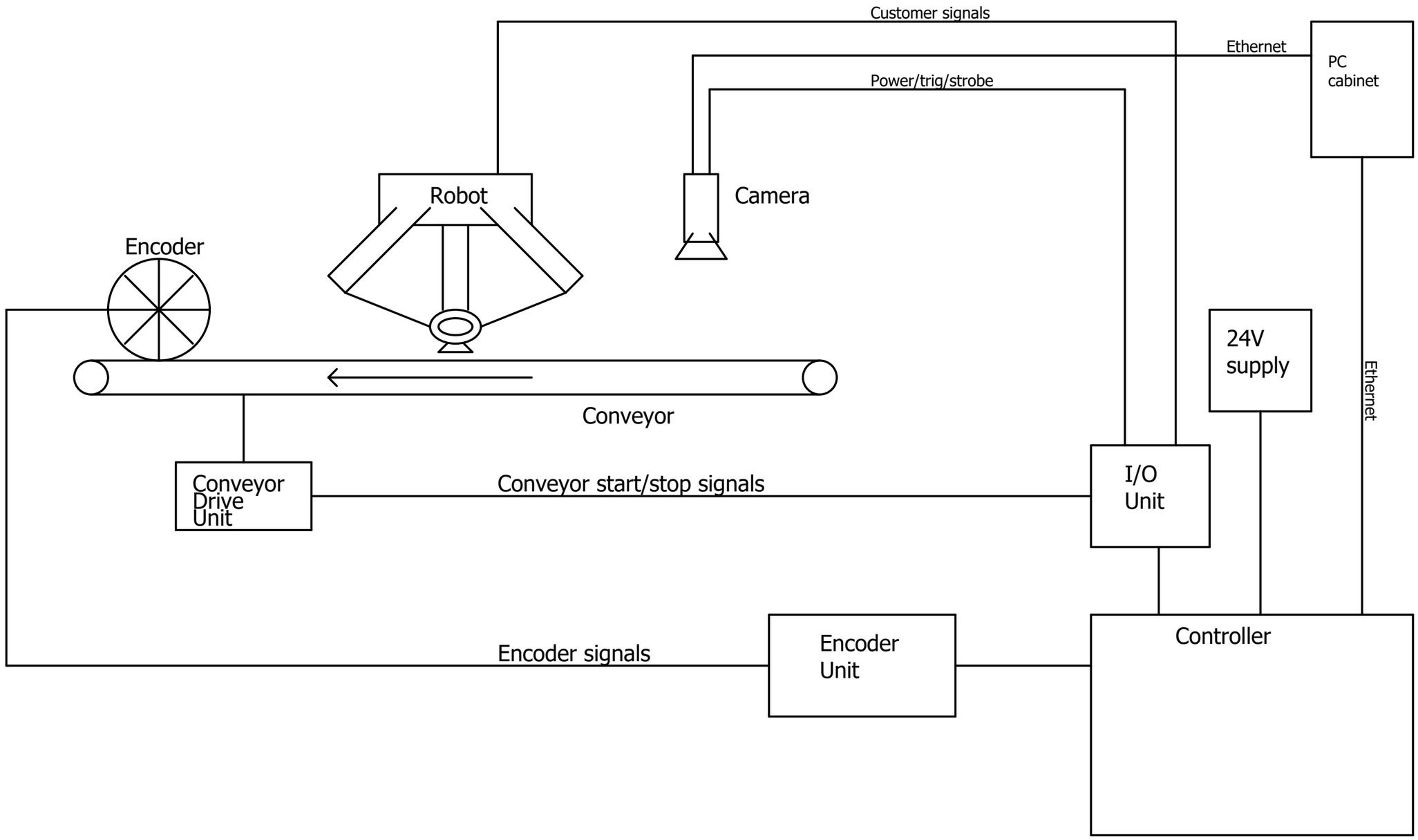

For detailed wiring diagram, please refer to "Wiring diagram 1"

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						Page 1 Next 2 Total 25

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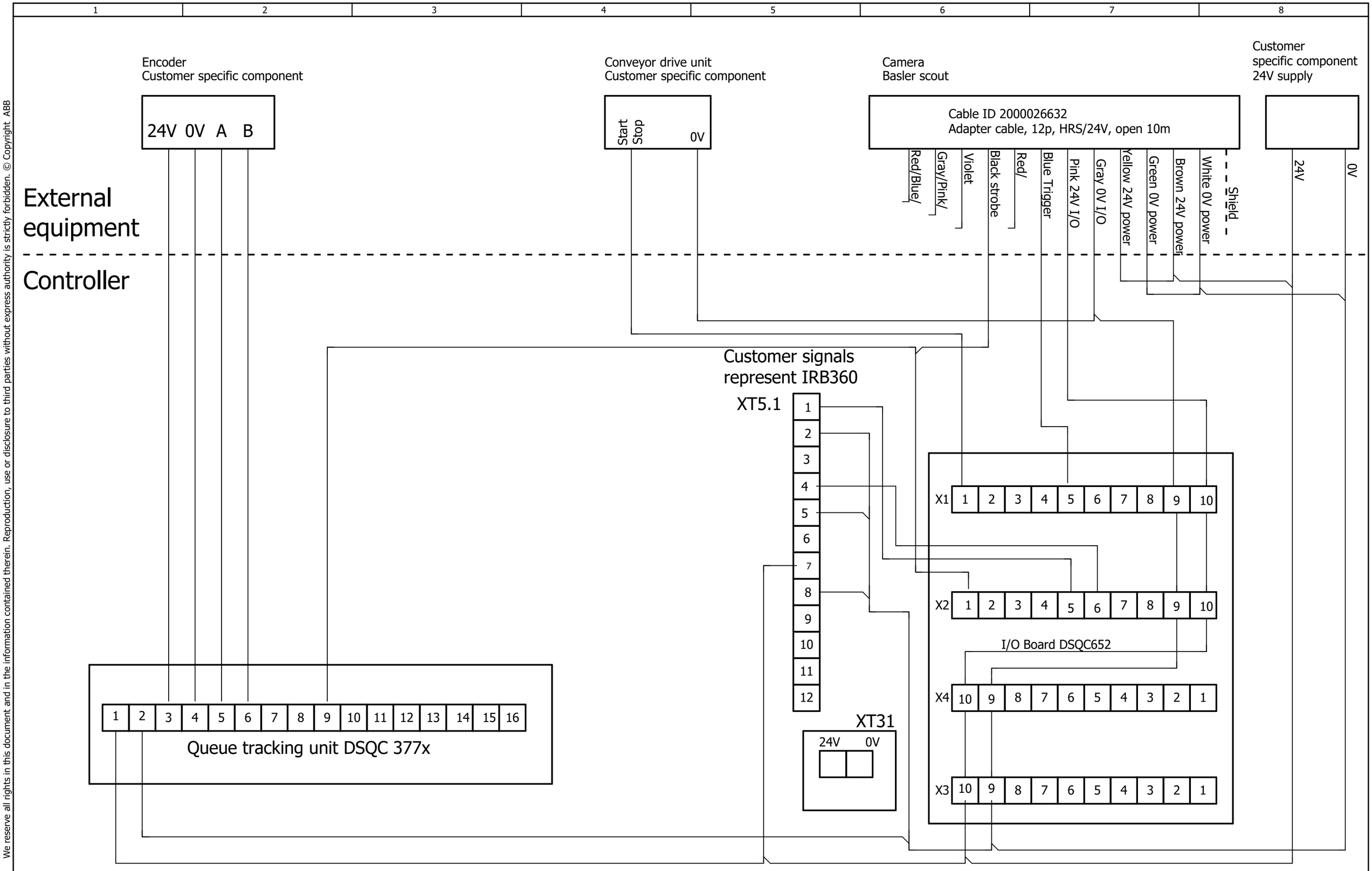

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					Page 2 Next 2.1 Total 25

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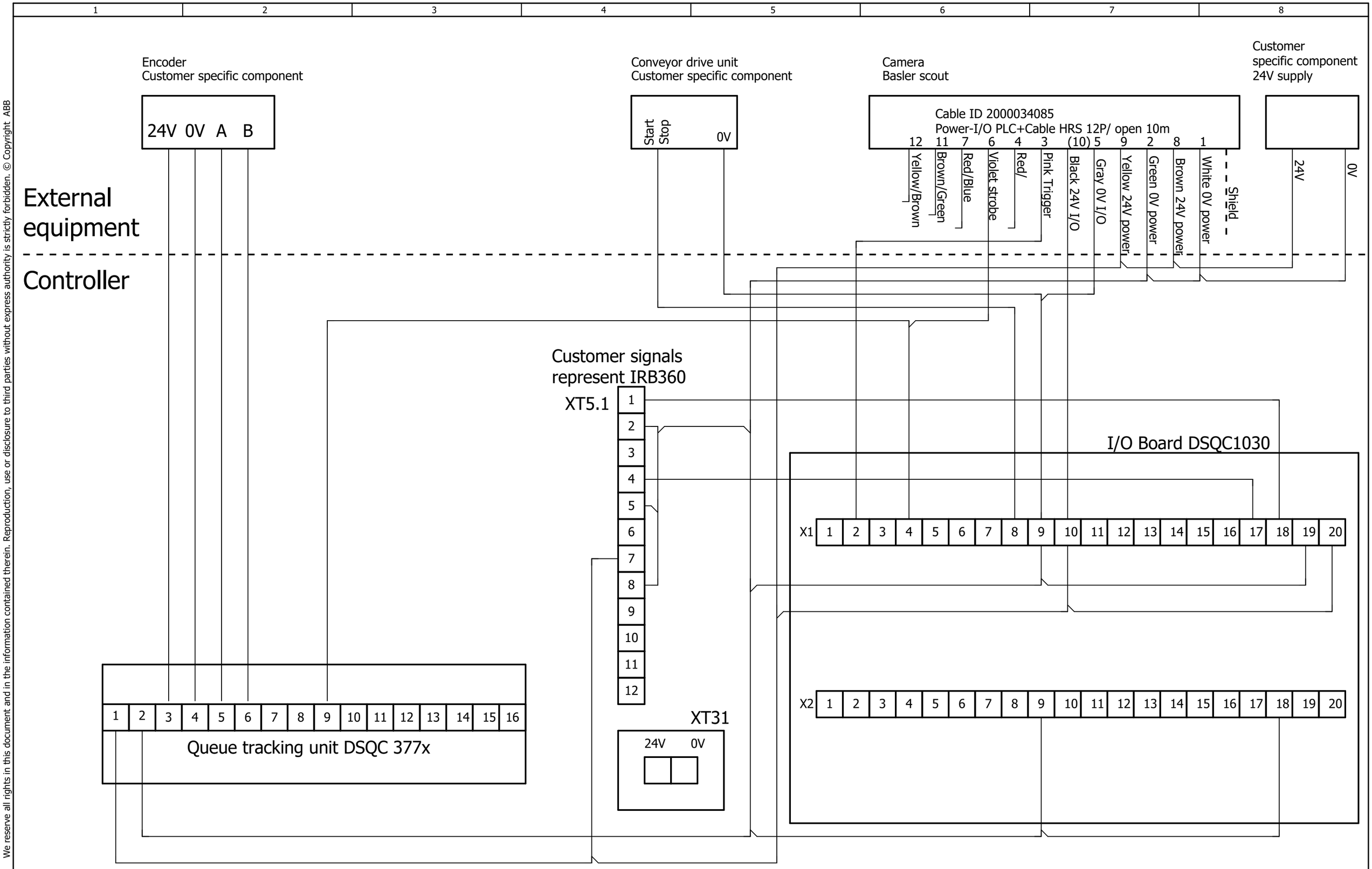

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Prepared by, date: AH	Approved by, date: SH 2024-03-12			Document no. 3HAC024480-008	Rev. Ind 07

Page 2.1
Next 3
Total 25

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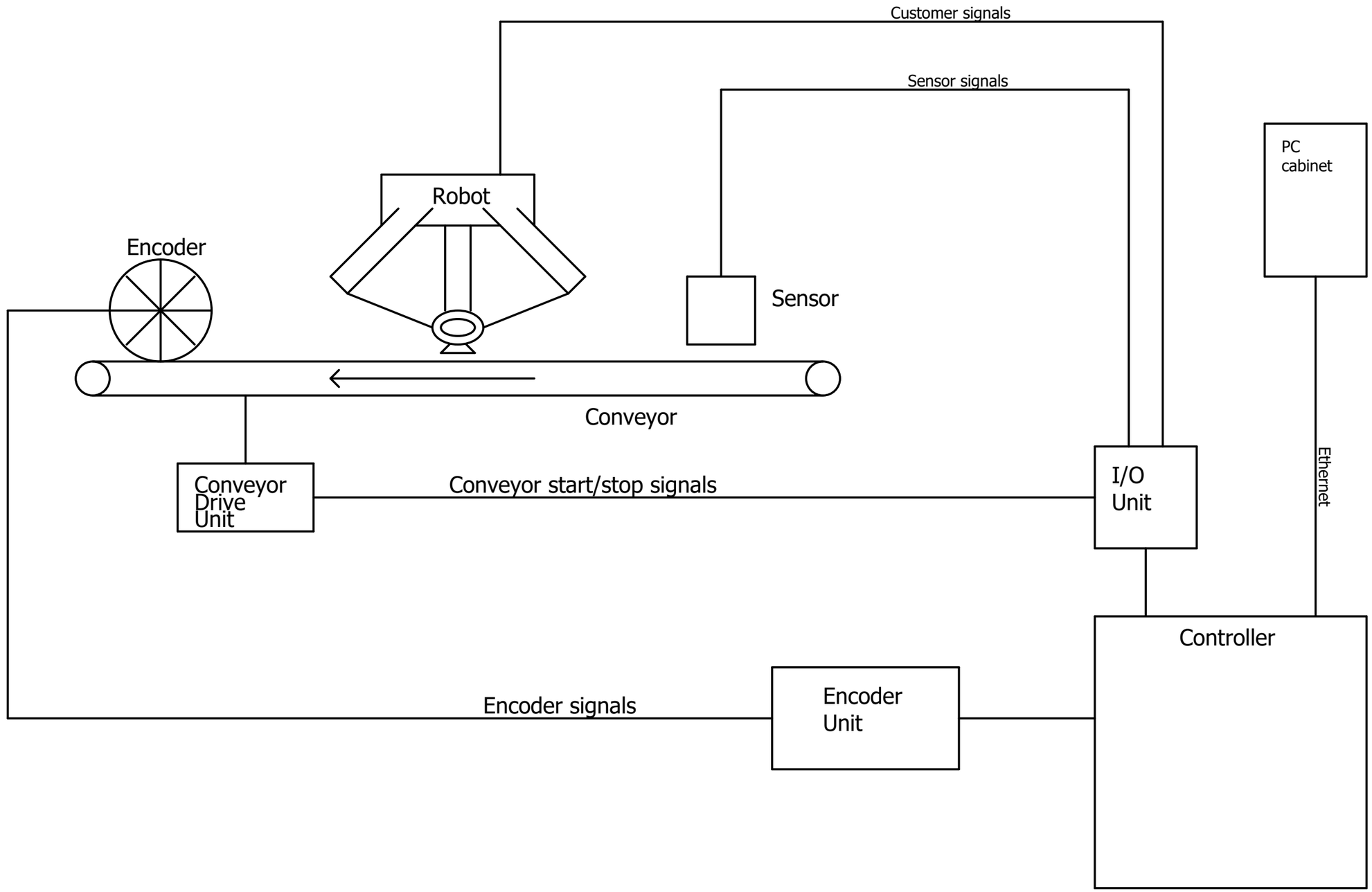

For detailed wiring diagram, please refer to "Wiring diagram 2"

Latest revision: See page revision diagram	ABB	Lab/Office: RA/RDP	PickMaster 3 Block diagram 2 1 Robot, 1 Conveyor, 1 Sensor	Status: APPROVED	Plant: = Location: + Sublocation: +
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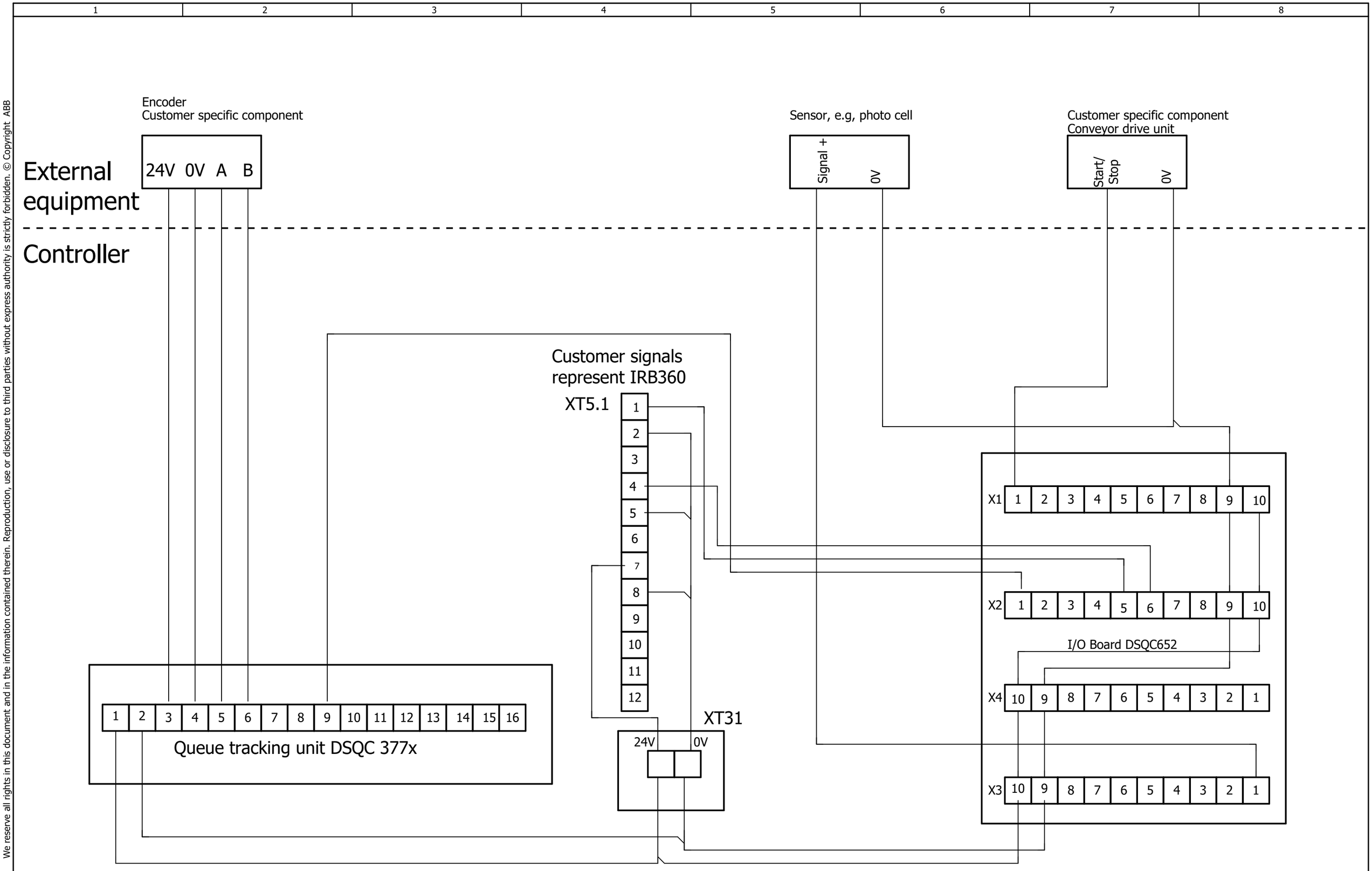

Latest revision: See page revision diagram		Lab/Office: RA/RDP	PickMaster 3 Wiring diagram 2 1 Robot, 1 Conveyor, 1 Sensor	Status: APPROVED	Plant: = Location: + Sublocation: +
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					Page 4 Next 4.1 Total 25

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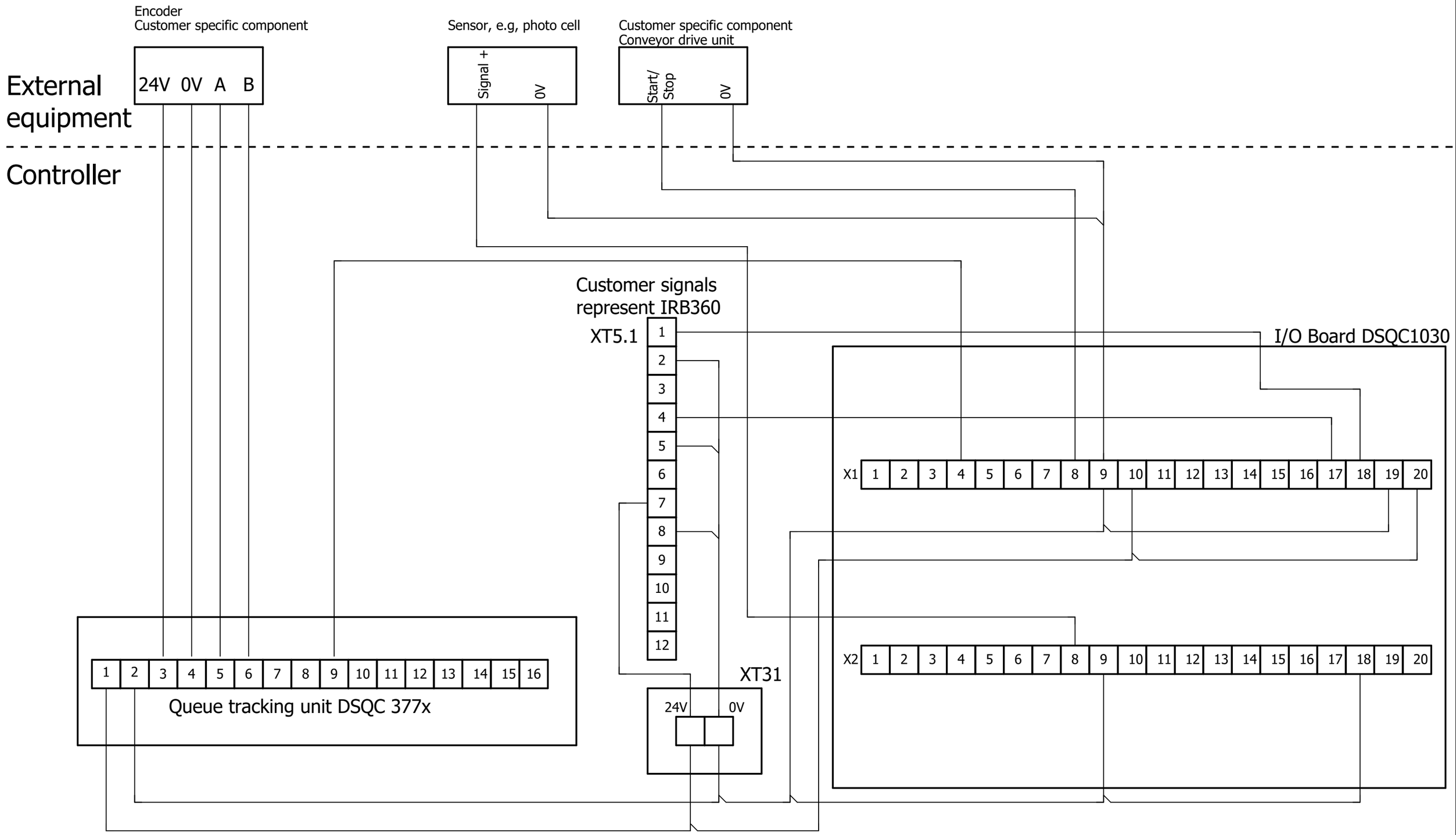

Latest revision: See page revision diagram		Lab/Office: RA/RDP	PickMaster 3 Wiring diagram 2 1 Robot, 1 Conveyor, 1 Sensor	Status: APPROVED	Plant: = Location: + Sublocation: +
Prepared by, date: AH	Approved by, date: SH 2024-03-12			Document no. 3HAC024480-008	Rev. Ind 07
					Page 4.1 Next 5 Total 25

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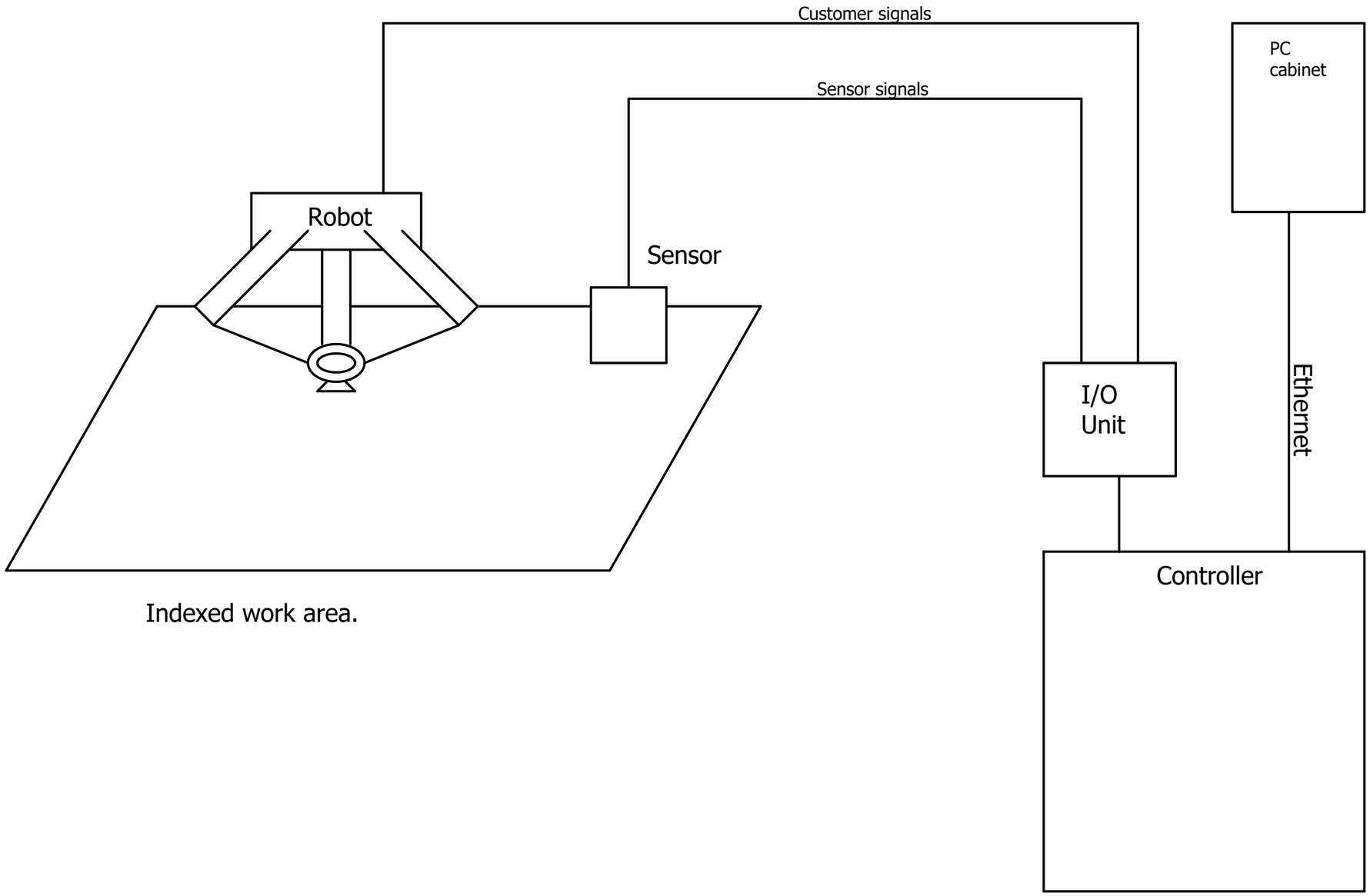

For detailed wiring diagram, please
refer to "Wiring diagram 3"

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					Page 5 Next 6 Total 25

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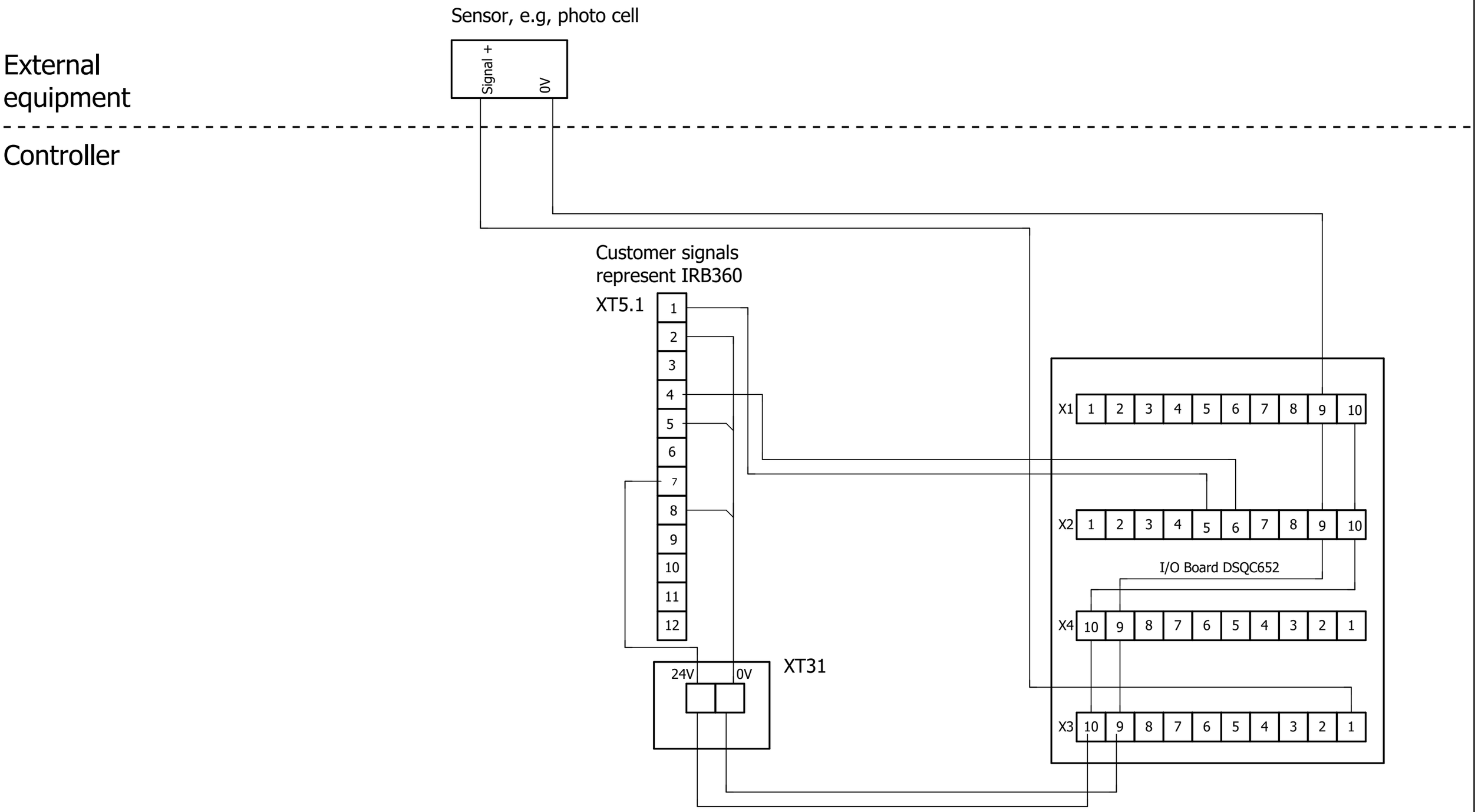

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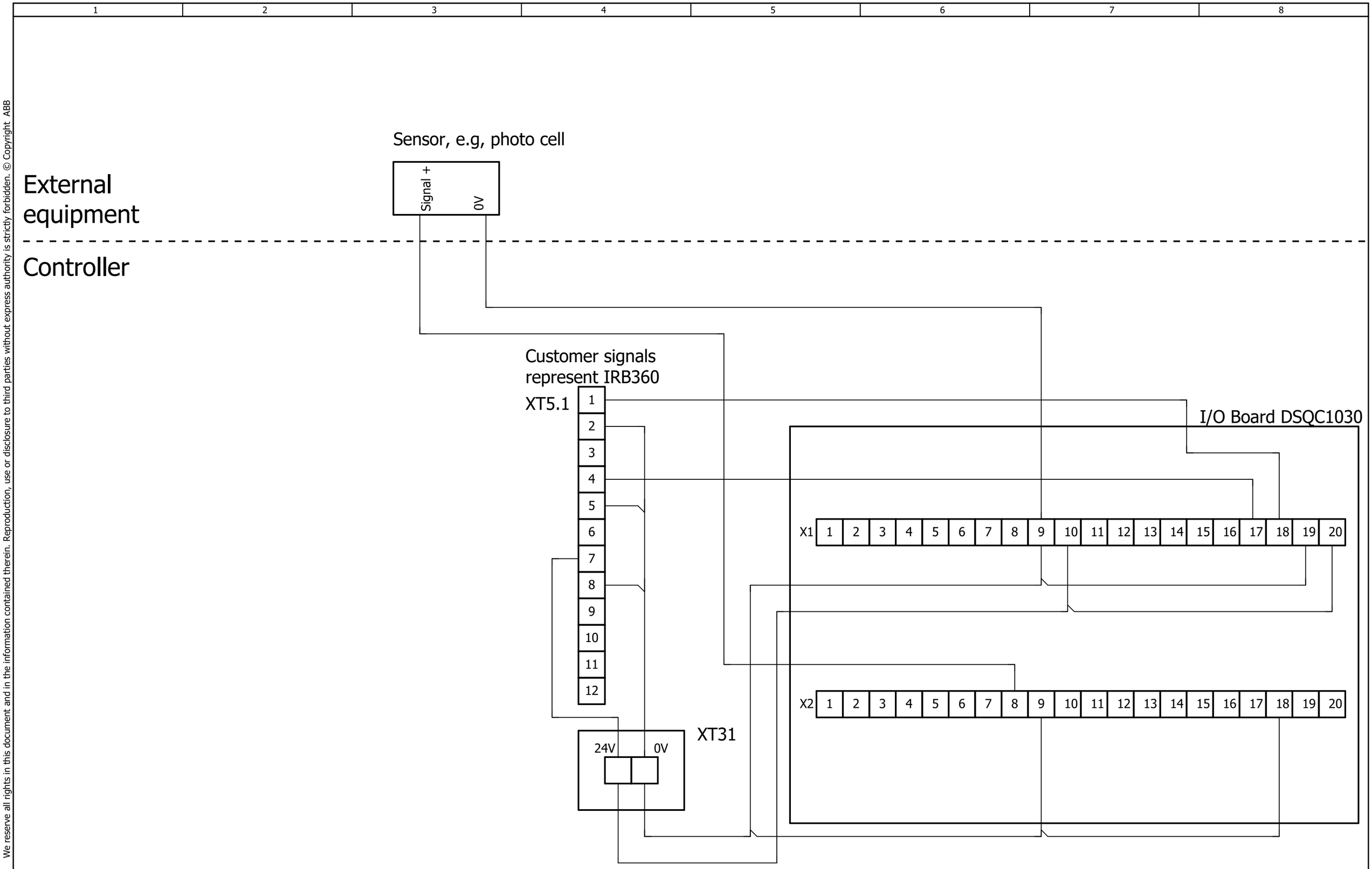

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					Page 6.1 Next 7 Total 25

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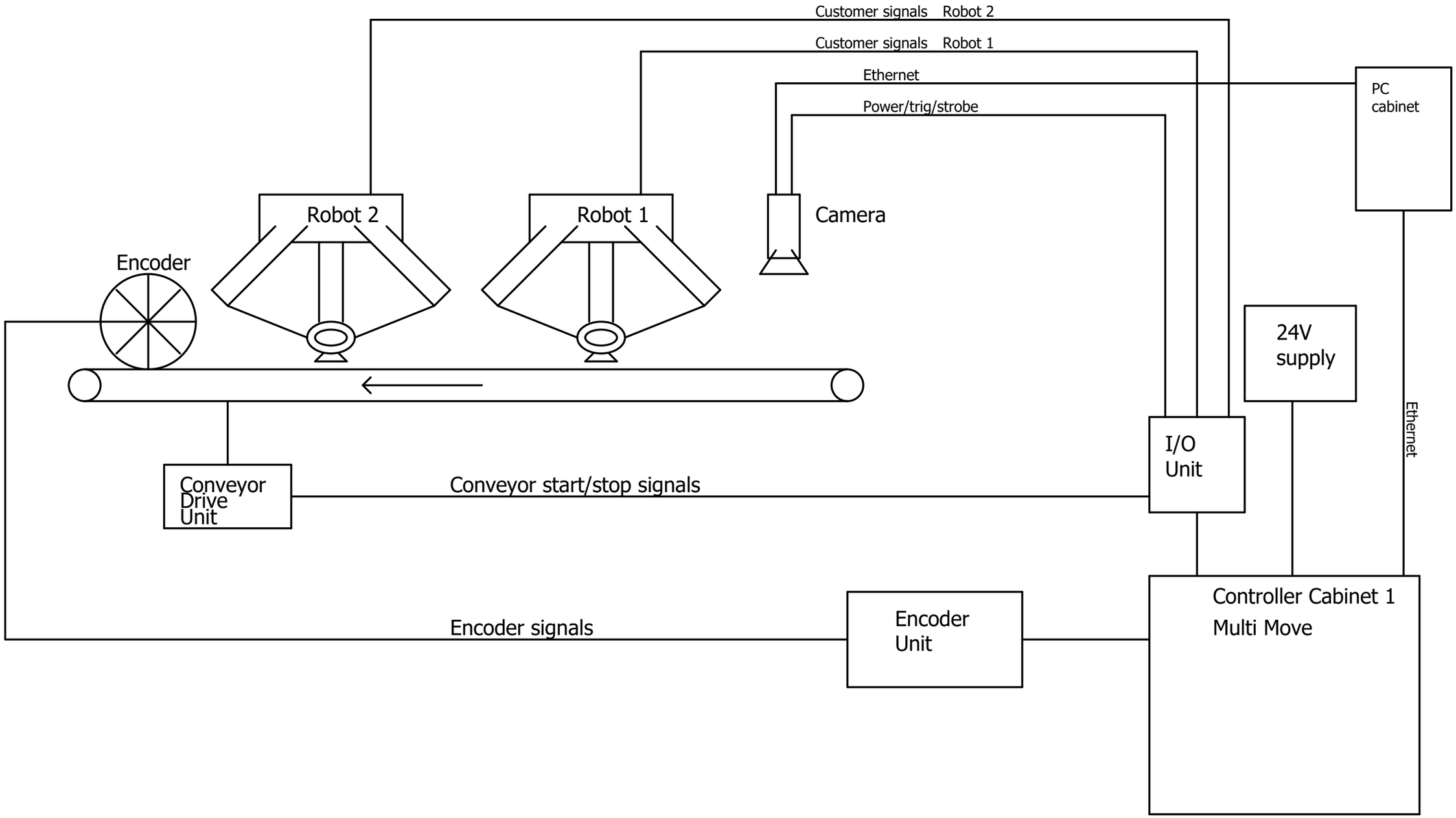

For detailed wiring diagram,
please refer to "wiring diagram 4".

Latest revision: See page revision diagram		ABB	Lab/Office: RA/RDP	PickMaster 3 Block diagram 4 2 Robots, 1 Conveyor, 1 Camera Multi move controller E.g ATC and Load balancing	Status: APPROVED	Plant: = Location: + Sublocation: +
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						Page 7 Next 8 Total 25

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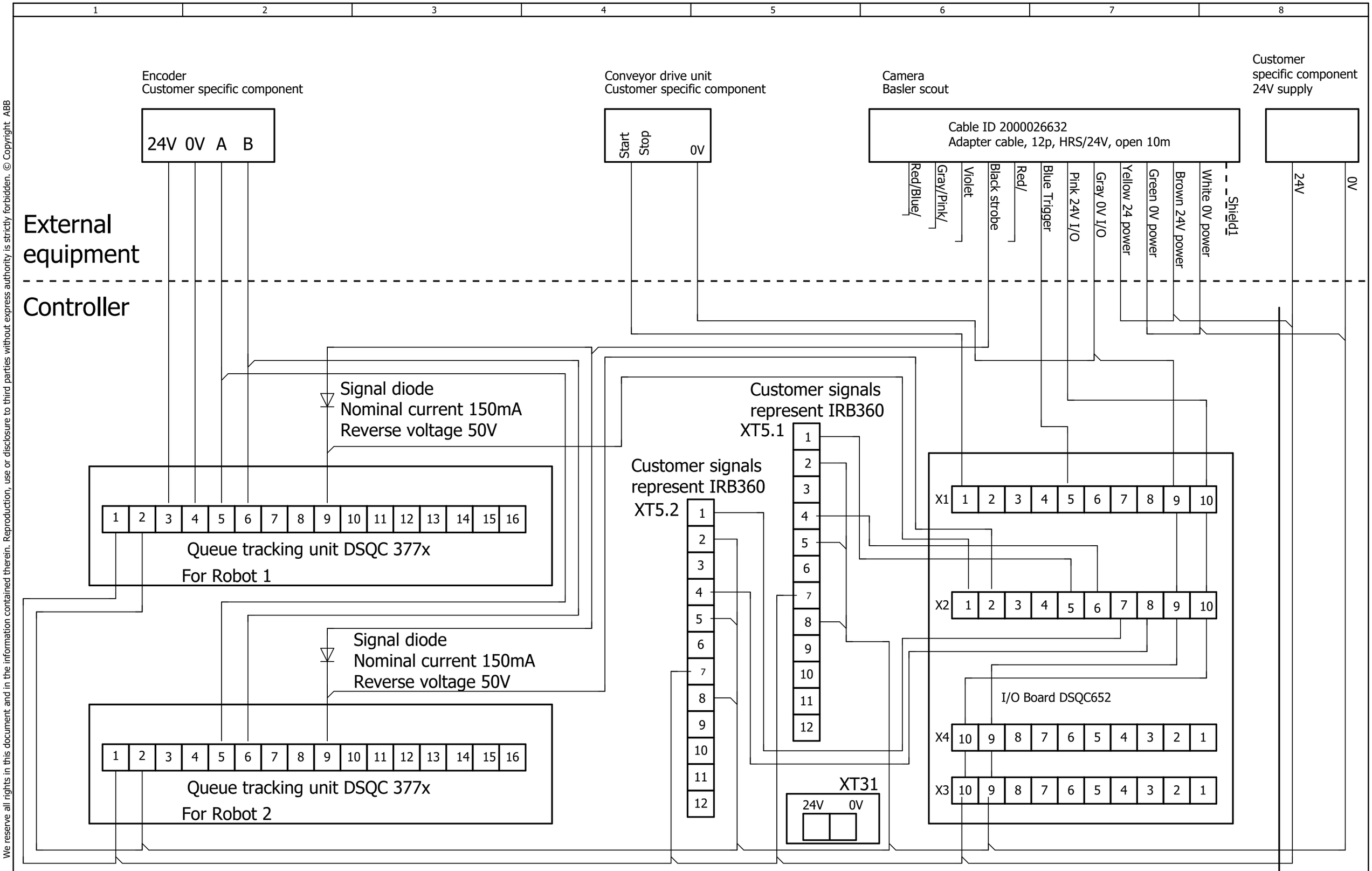

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					Page 8 Next 8.1 Total 25

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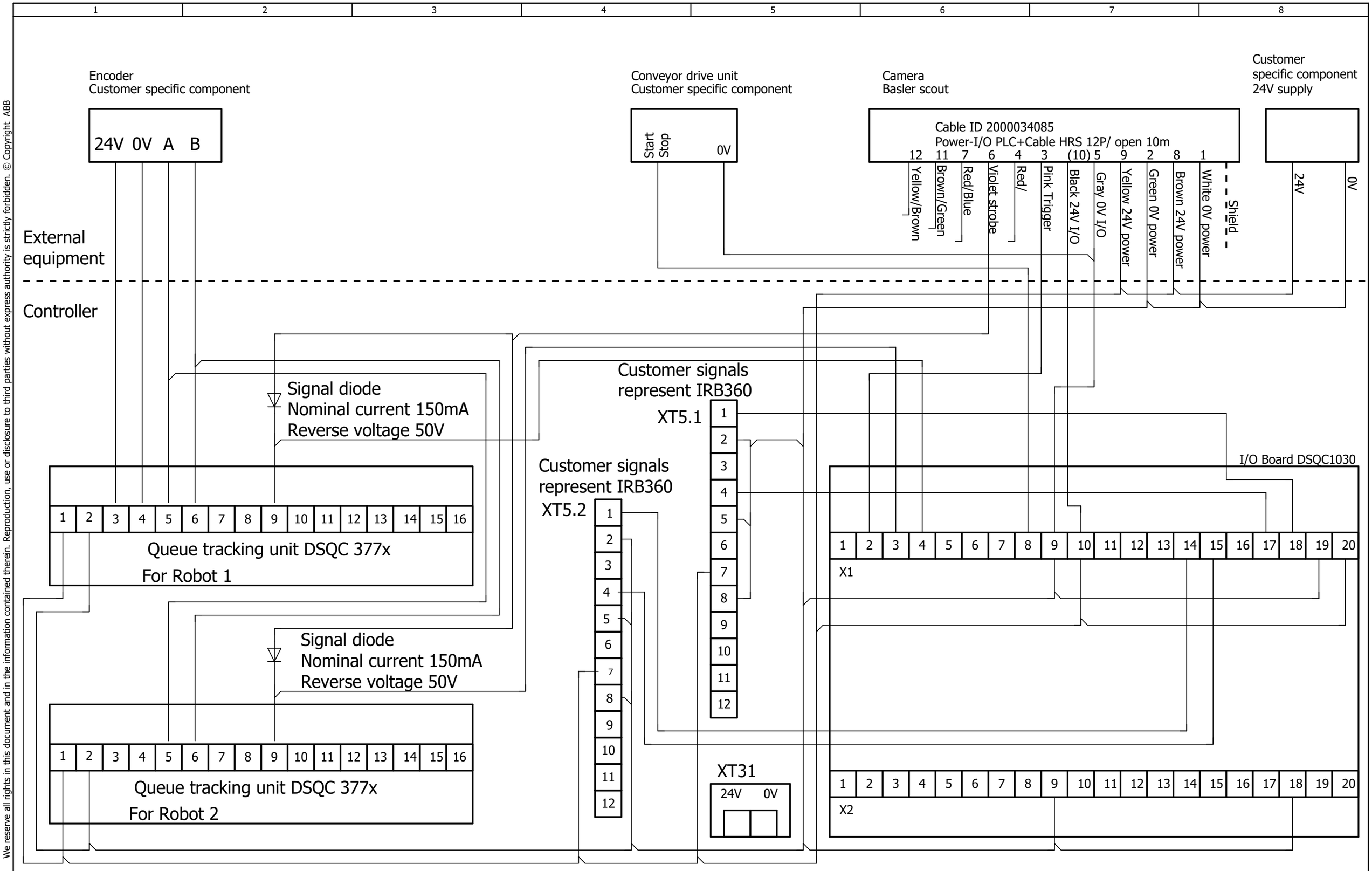

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Prepared by, date: AH	Approved by, date: SH 2024-03-12				Document no. 3HAC024480-008 Rev. Ind 07 Page 8.1 Next 9 Total 25

Unit mapping of predefined I/O signals DSQC652

do Start Cnv 1	X1:1	di 1-1	X3:1
do Start Cnv 2	X1:2	di 2-1	X3:2
do Start Cnv 3	X1:3	di 3-1	X3:3
do Start Cnv 4	X1:4	di 4-1	X3:4
do Trig Vis 1	X1:5	di 5-1	X3:5
do Trig Vis 2	X1:6	di 6-1	X3:6
do Trig Vis 3	X1:7	di 7-1	X3:7
do Trig Vis 4	X1:8	di 8-1	X3:8
0V	X1:9	0V	X3:9
24V	X1:10	24V	X3:10

do Man Sync 1	X2:1	di 9-1	X4:1
do Man Sync 2	X2:2	di 10-1	X4:2
do Man Sync 3	X2:3	di 11-1	X4:3
do Man Sync 4	X2:4	di 12-1	X4:4
do Vacuum 1	X2:5	di 13-1	X4:5
do Blow 1	X2:6	di 14-1	X4:6
do Vacuum 2	X2:7	di 15-1	X4:7
do Blow 2	X2:8	di 16-1	X4:8
0V	X2:9	0V	X4:9
24V	X2:10	24V	X4:10

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Unit mapping of predefined I/O signals DSQC1030

do Trig Vis 2	X1:1	DO_8
do Trig Vis 1	X1:2	DO_7
do Man Sync 2	X1:3	DO_6
do Man Sync 1	X1:4	DO_5
do Start Cnv 4	X1:5	DO_4
do Start Cnv 3	X1:6	DO_3
do Start Cnv 2	X1:7	DO_2
do Start Cnv 1	X1:8	DO_1
0V	X1:9	
24V	X1:10	
do Blow 4	X1:11	DO_16
do Vacuum 4	X1:12	DO_15
do Blow 3	X1:13	DO_14
do Vacuum 3	X1:14	DO_13
do Blow 2	X1:15	DO_12
do Vacuum 2	X1:16	DO_11
do Blow 1	X1:17	DO_10
do Vacuum 1	X1:18	DO_9
0V	X1:19	
24V	X1:20	

di 1-1	X2:8
di 2-1	X2:7
di 3-1	X2:6
di 4-1	X2:5
di 5-1	X2:4
di 6-1	X2:3
di 7-1	X2:2
di 8-1	X2:1
0V GND	X2:9
di 9-1	X2:17
di 10-1	X2:16
di 11-1	X2:15
di 12-1	X2:14
di 13-1	X2:13
di 14-1	X2:12
di 15-1	X2:11
di 16-1	X2:10
0V GND	X2:18

0V GND	X4:1
+24V PWR	X4:2
	X4:3
	X4:4

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Unit mapping DSQC377x

24V (in)	1
0V (in)	2
24V (out)	3
0V (out)	4
A (in)	5
B (in)	6
Start signal (in)	9

Unit mapping customer signals XT5.1 (IRB360)

Vacuum (out)	1
0V	2
Blow (out)	4
0V	5
24V	7
0V	8
Vaccum sensor (in)	9

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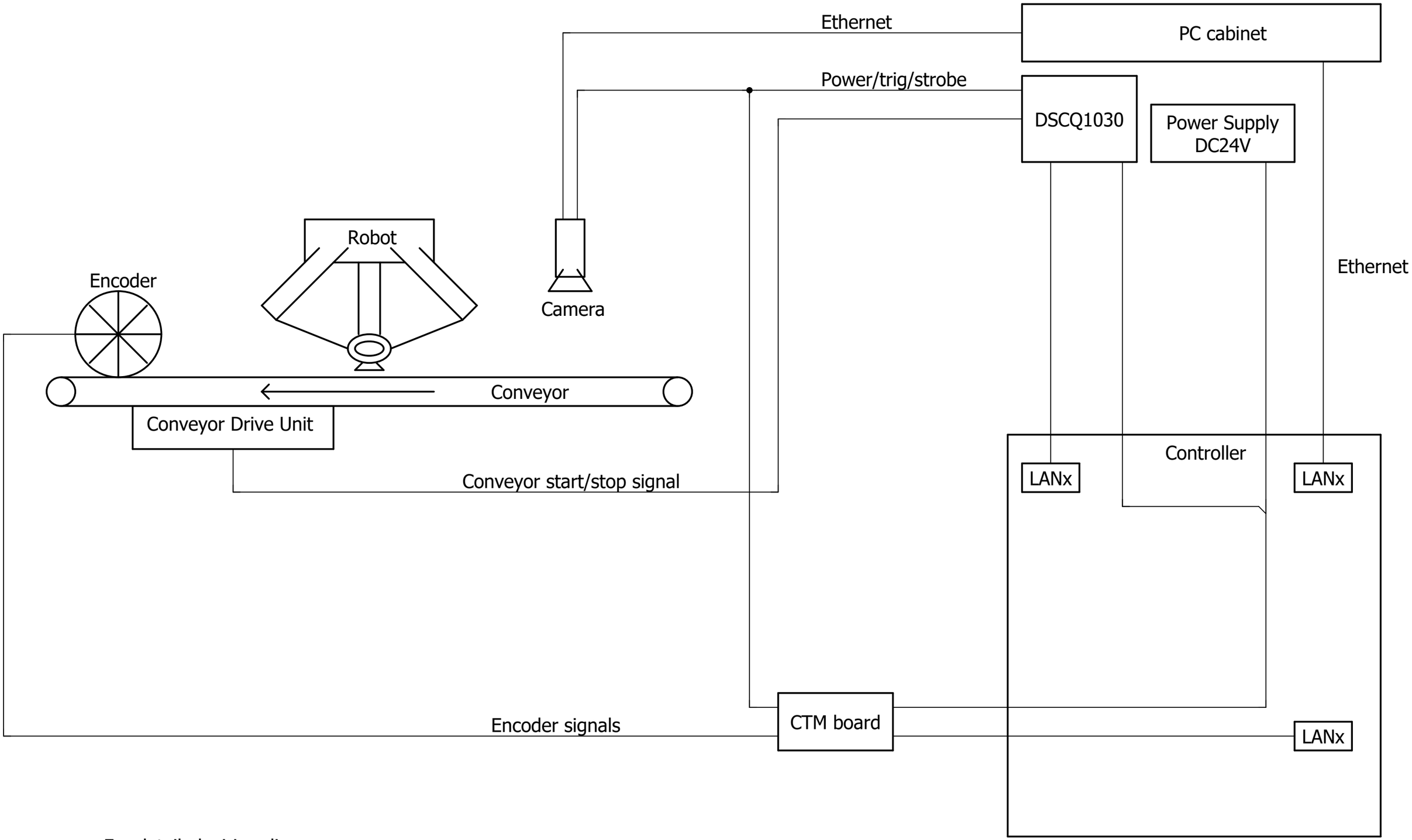

For detailed wiring diagram,
please refer to "Wiring diagram #9 to #14"

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						Page 11 Next 12 Total 25

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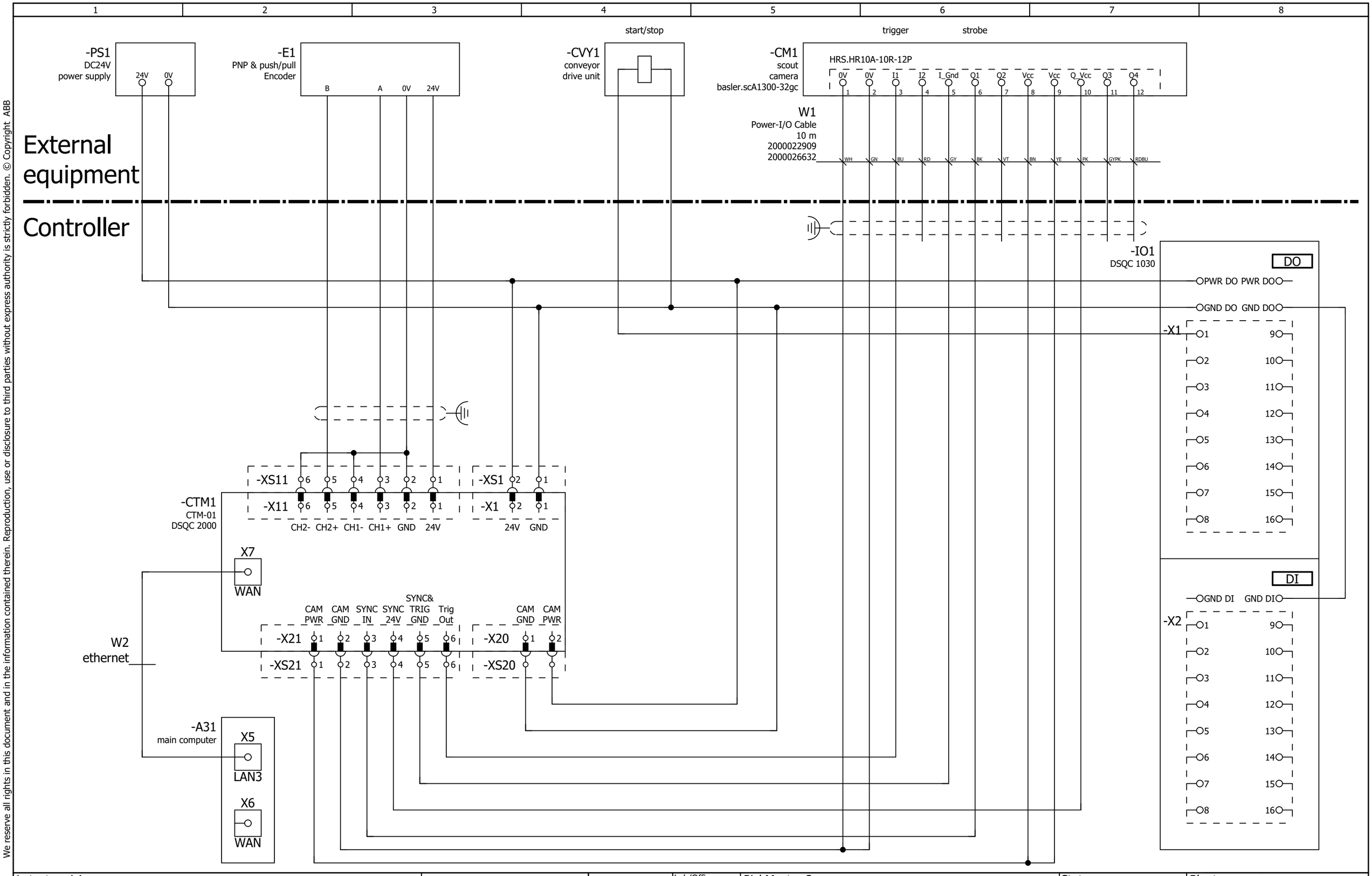

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					Page 12 Next 13 Total 25

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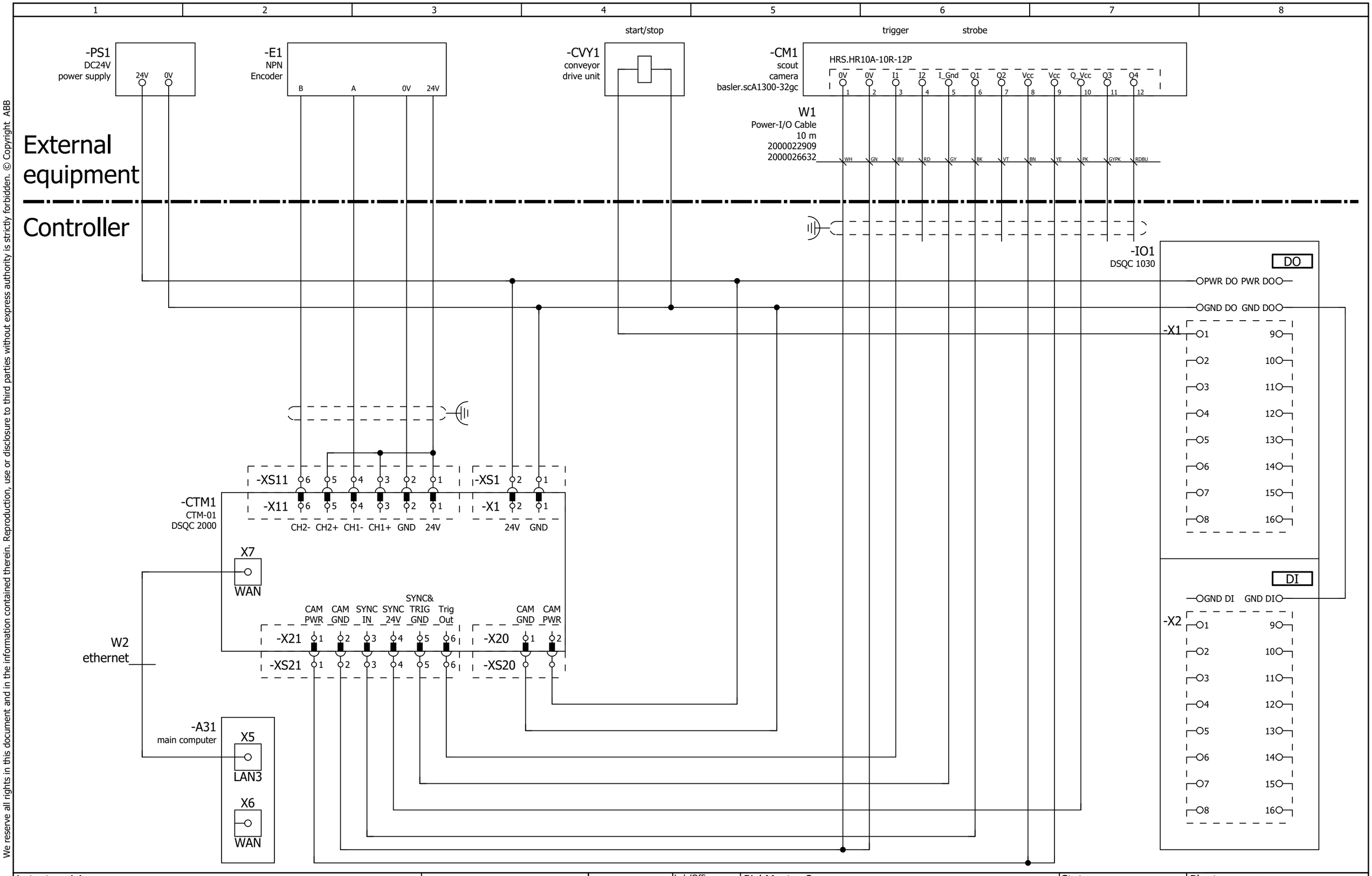

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					Page 13 Next 14 Total 25

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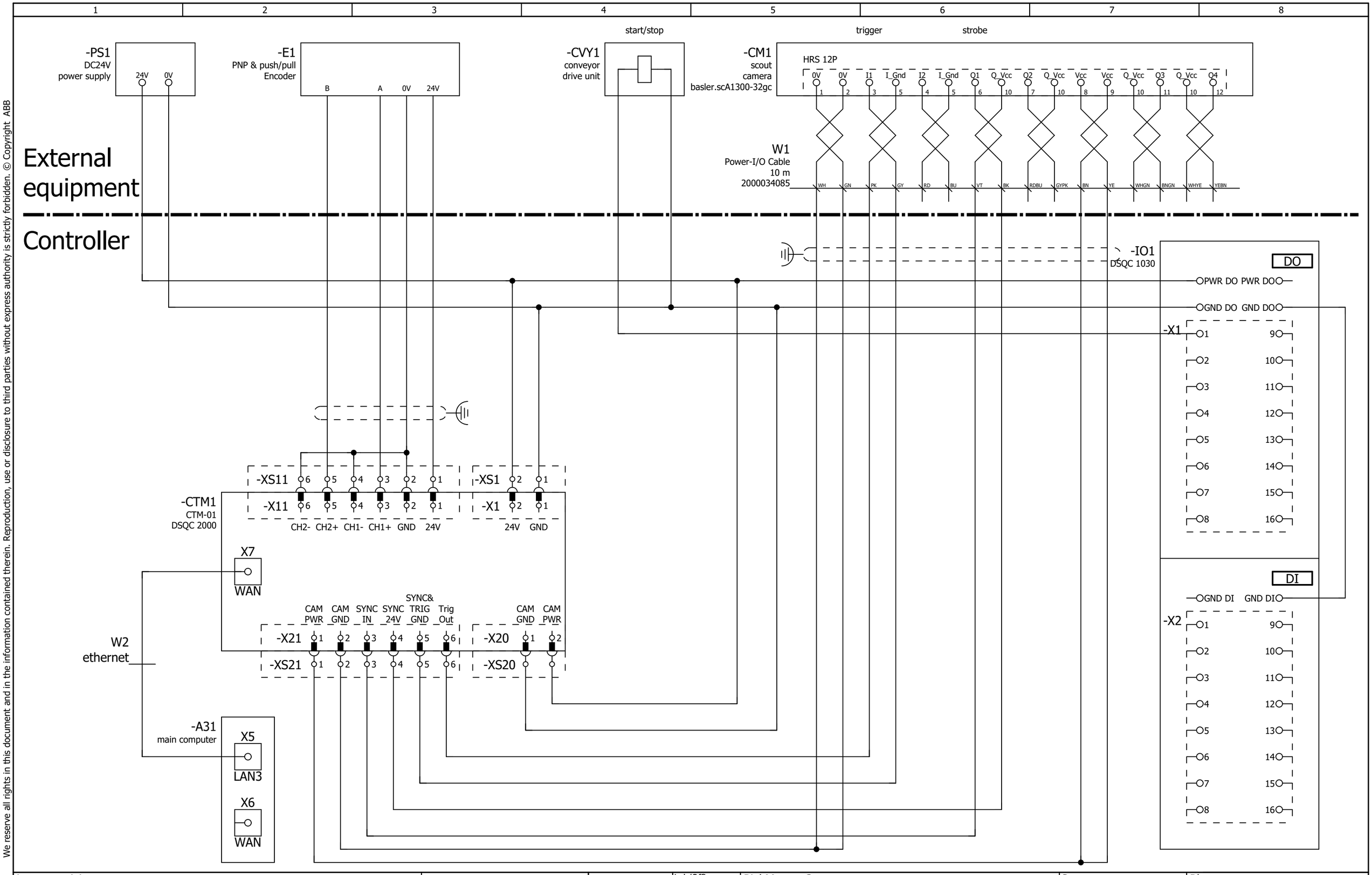

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				Document no. 3HAC024480-008	Rev. Ind 07
					Page 14 Next 15 Total 25

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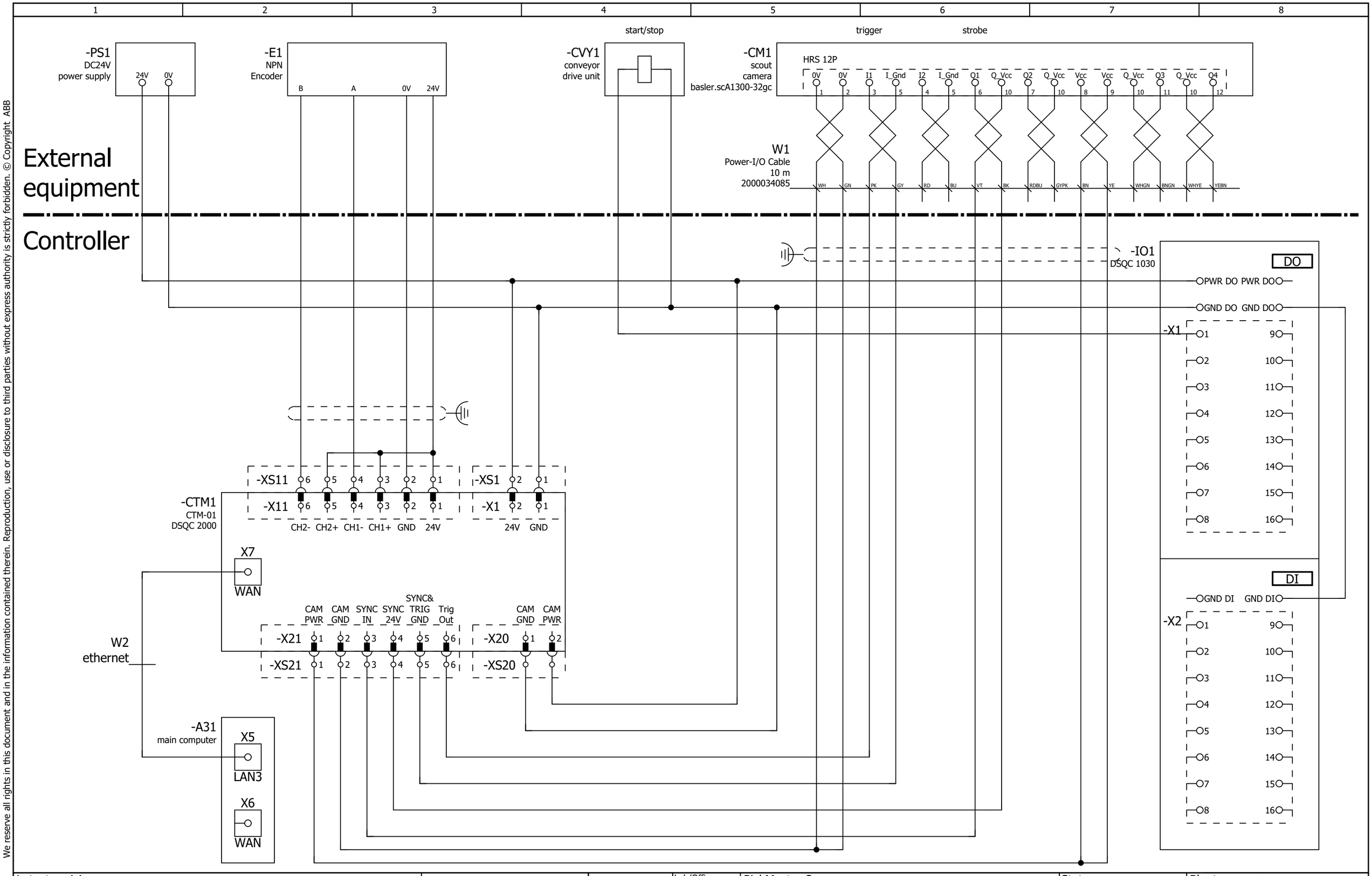

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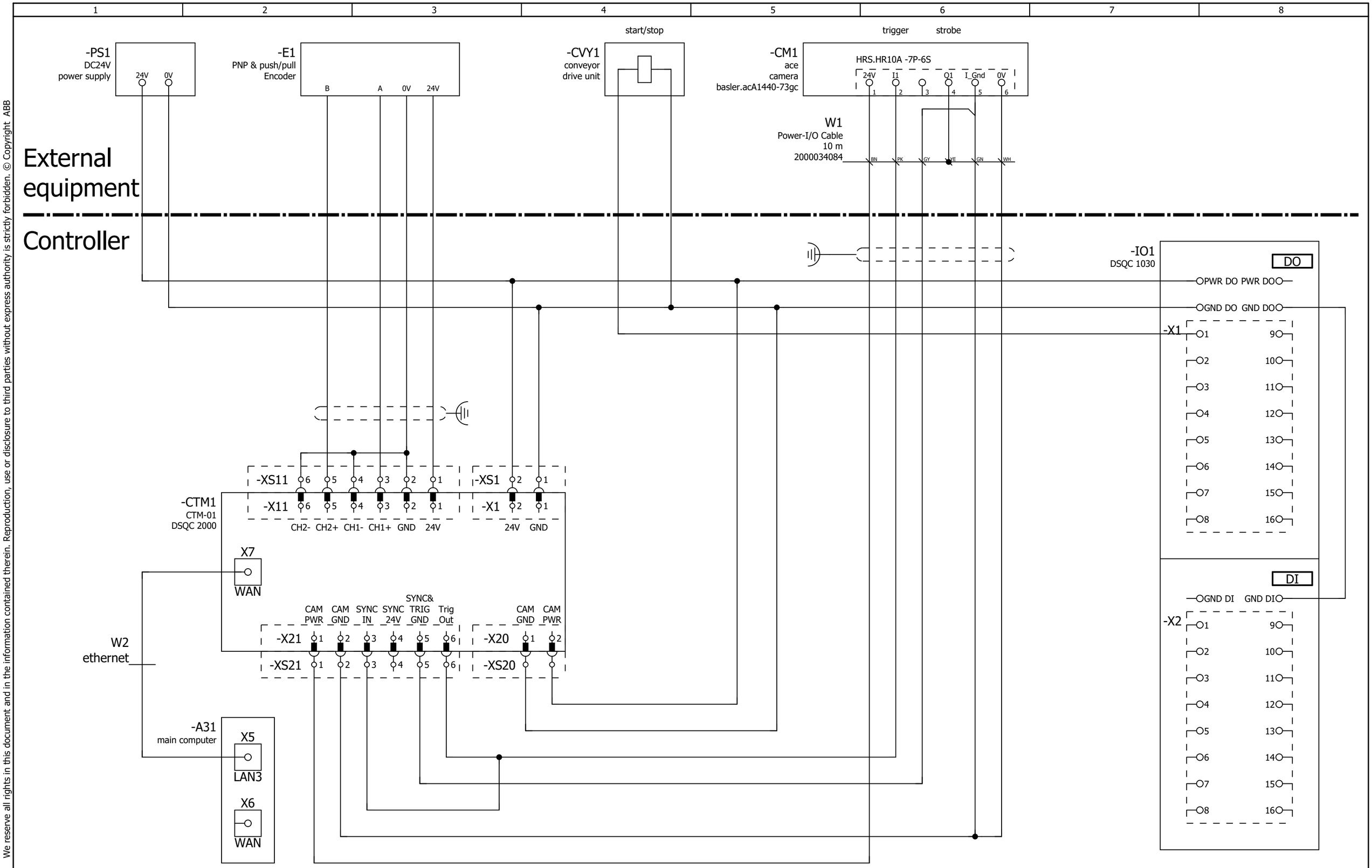

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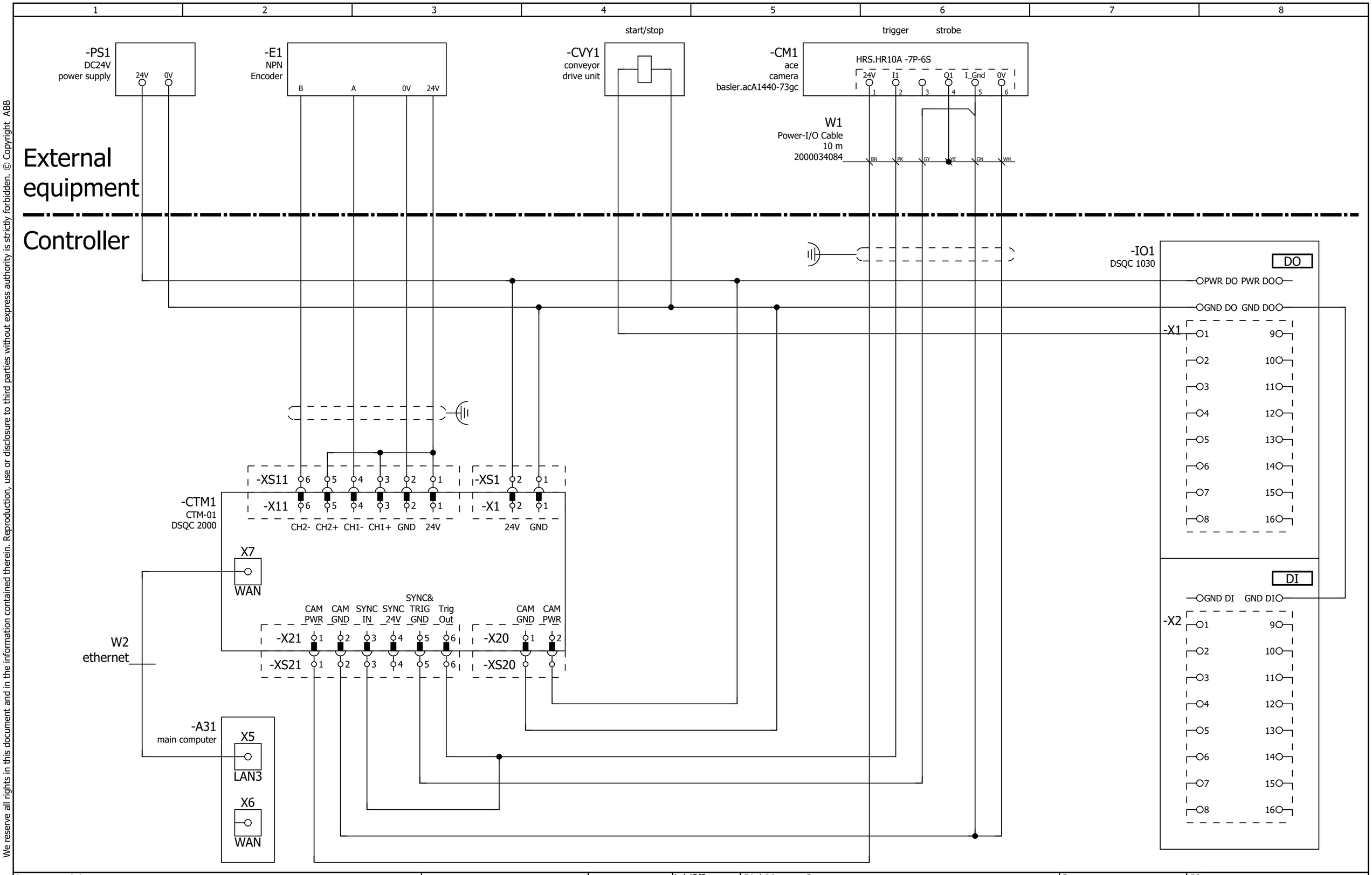

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Rev. 07, ECO 500000132284, WI 507100, 2024-03-11 AH:
Pg 0_2, General update
Pg 12 & 13, Power-I/O-cable 2000026632 added
Pg 16 & 17, Removed
Pg 12 to 19, Page description updated.

Rev. 06, eco 125973, WI 480111, 2023-02-24 EM:
Pg 8 to 8,1/6-7: Cable designation added.
Pg 13 to 17: Connection between CMT1 and CM1 adjusted.
Pg 18 to 19: New page added.

Rev. 05 2020-03-27 TS/
Sheet 11 to 17 added included with CTM-board DSQC 2000// Revision diagram sheet 11 was exchanged to sheet 18.//Sheet 0_2 Table of contest was updated.
General change: Text "IRC5" was exchanged with "Controller"//"PickMaster_3" added to the title field.
Sheet 1 Encoder unit block added coordinate column 5// I/O unit block added coordinate column 6.

Rev. 04 20180912 TS/RDE2 Sheet 2 and 2.1 Review by Srinivas Patnak info sent to H Knobel. rel 18.2. Text added to camera Basler scout coordinate column 6//Sheet 0.1 and 0.2 added.

Rev. 03 20171019 TS/PRIC
I/O Board DSQC1030 added to new in sheet, 2.1, 4.1, 6.1, 8.1, 9.1 rev. sheet 11 added. ECO500000093964/ design review by A.Lager.

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