



Linear move irrigation system Wiring diagram

2022

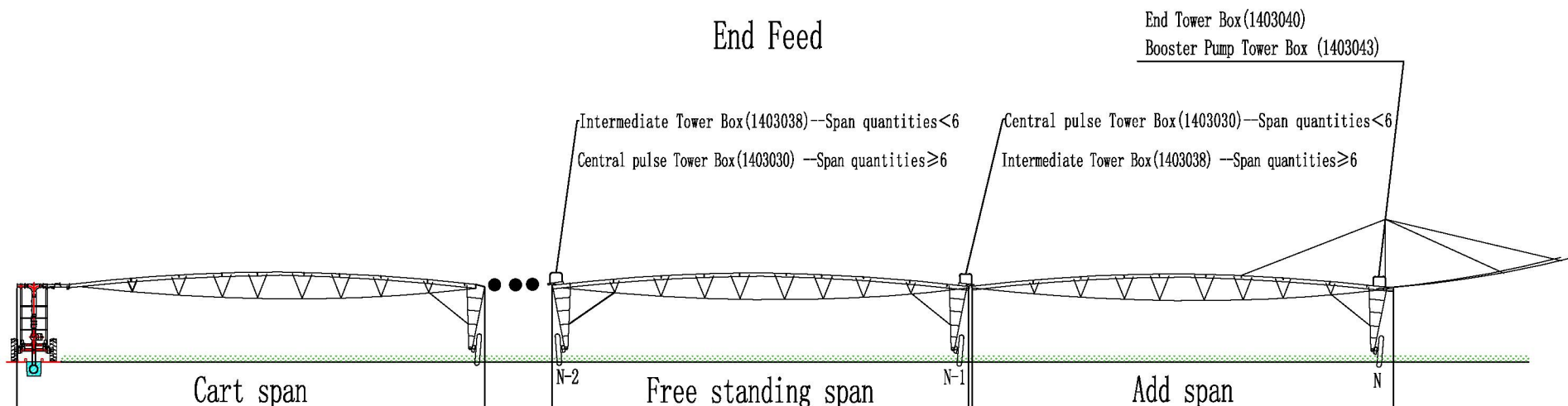


My dear client:

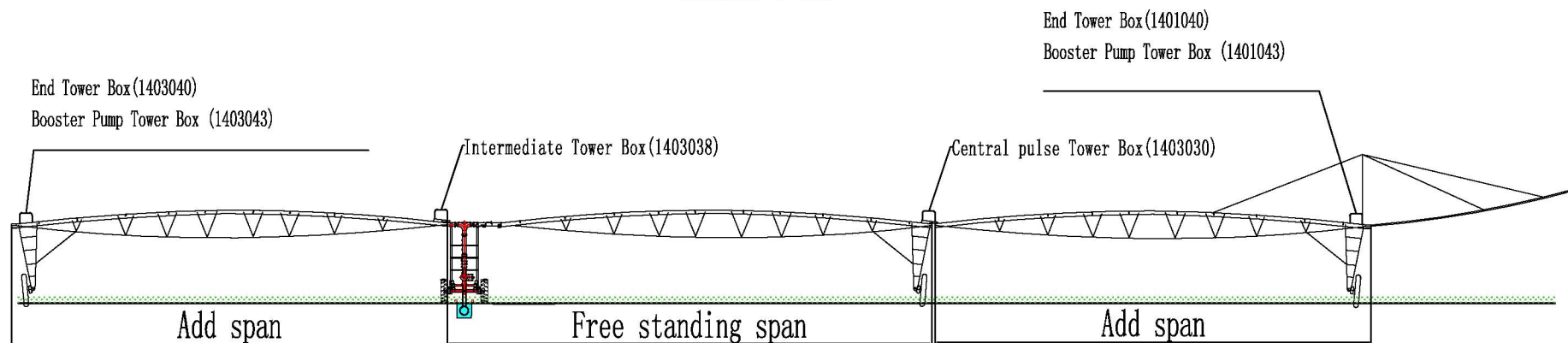
We appreciate your trust and support of Irritech and our irrigation system. The purpose of this manual is to assist you in understanding the electrical components and corresponding wiring diagram required to properly assemble your irrigation system. We have developed a colour coding scheme along with suitable photographs of the assembly to make the process as simple as possible. Customer satisfaction is the foundation of our business, and therefore, if you wish to provide feedback or ask for assistance throughout the assembly, operation or maintenance of your irrigation system, please let us know. Your feedback is of utmost importance to us.

CEO: Majun 

End Feed



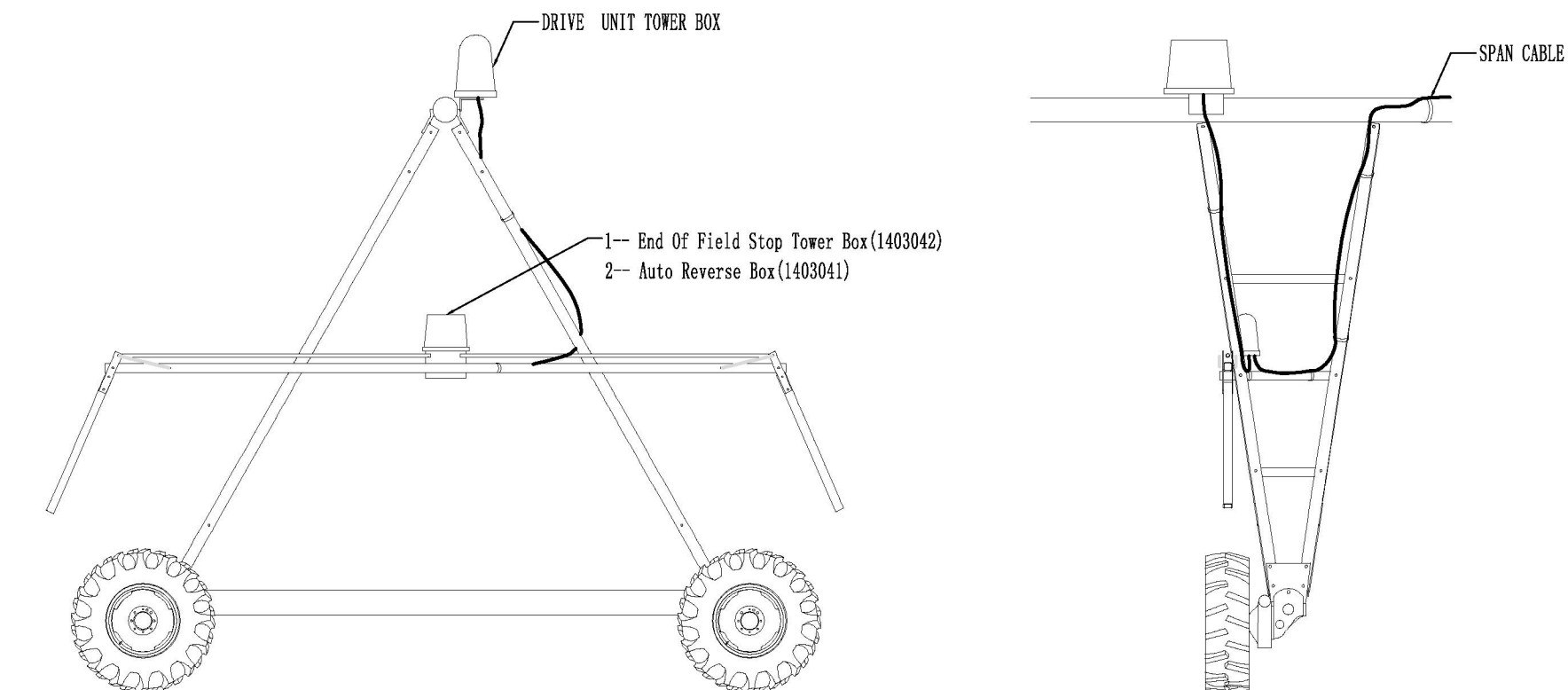
Center Feed





TOWER BOX LOCATION CHART

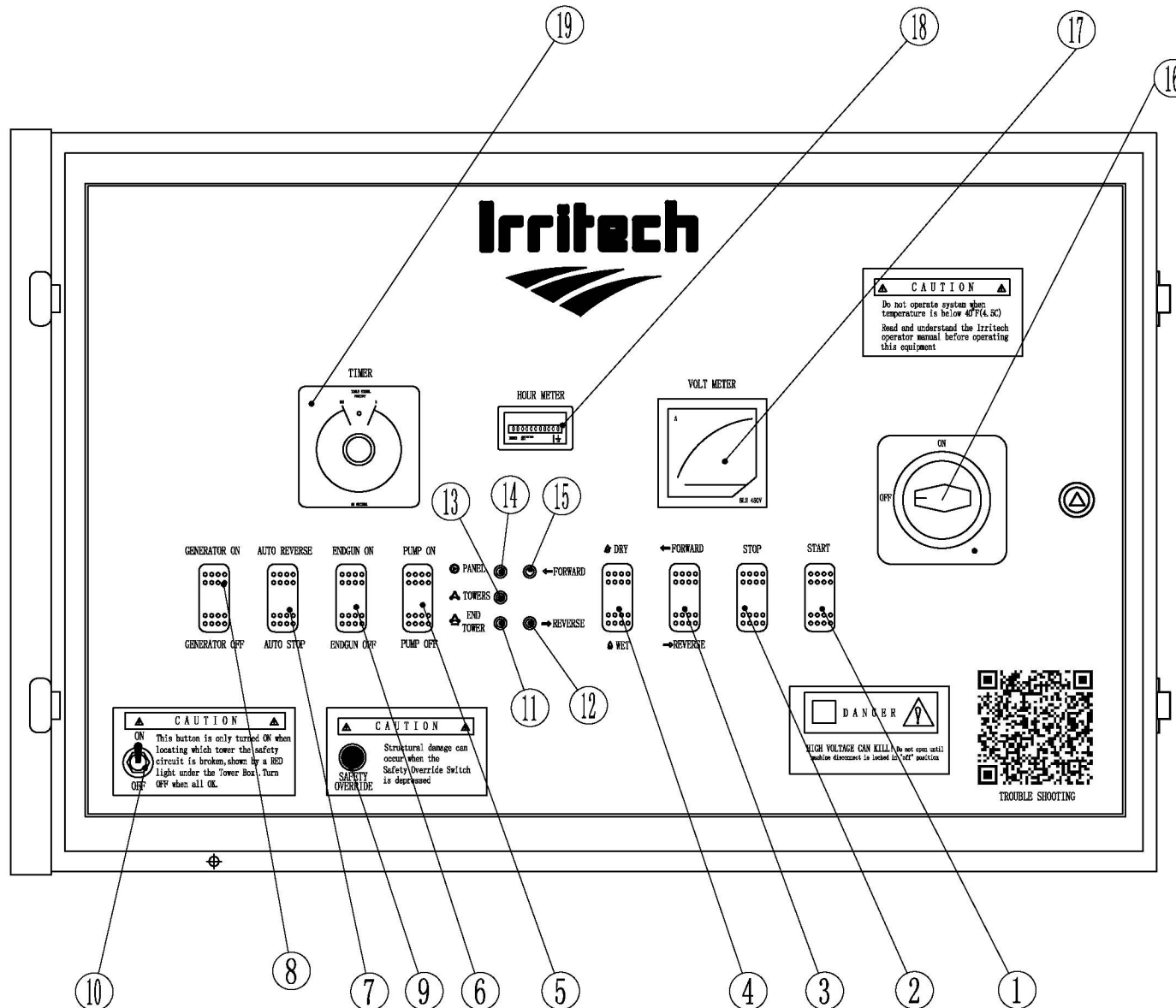
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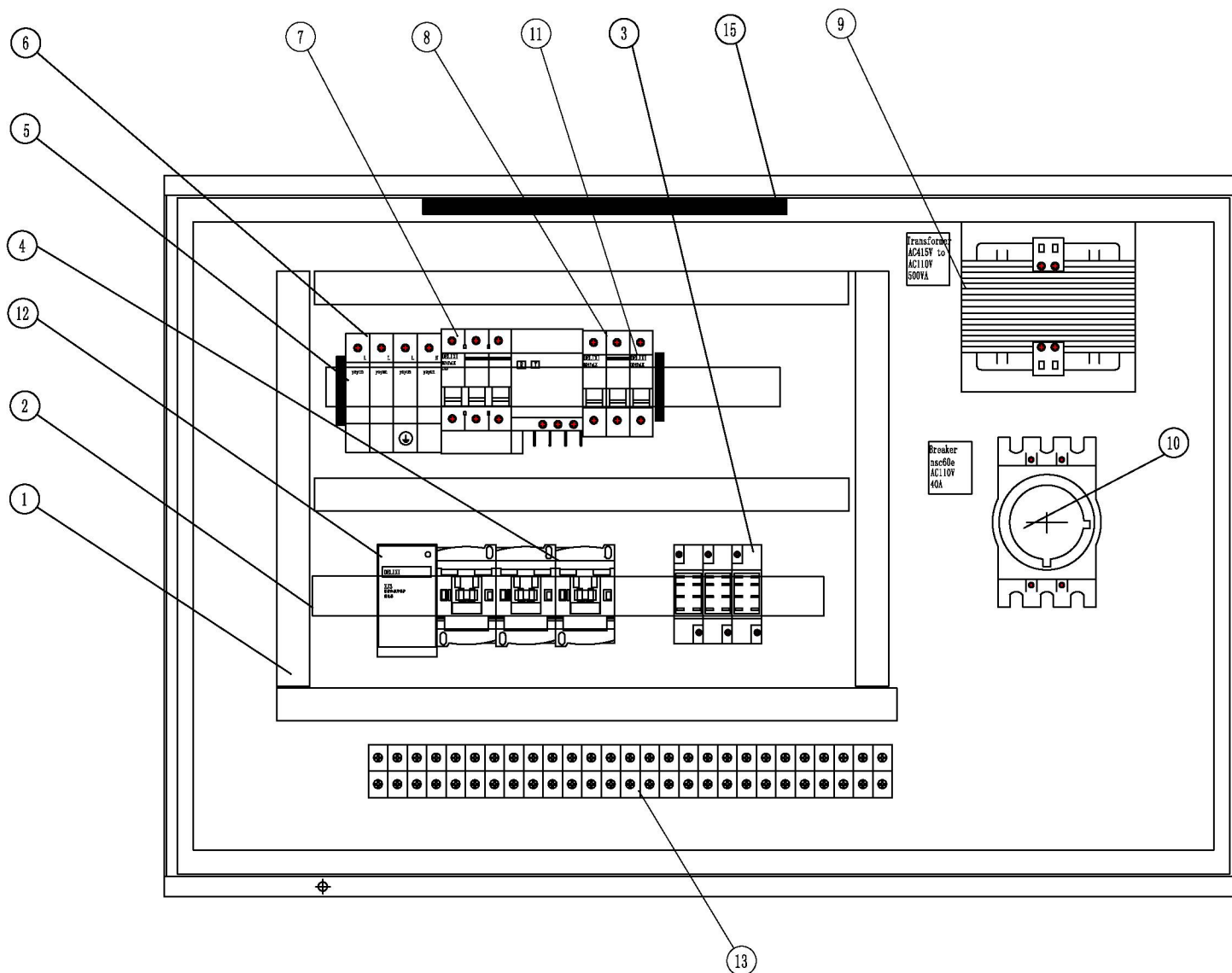


Classic Control Panel Arrangement Diagram

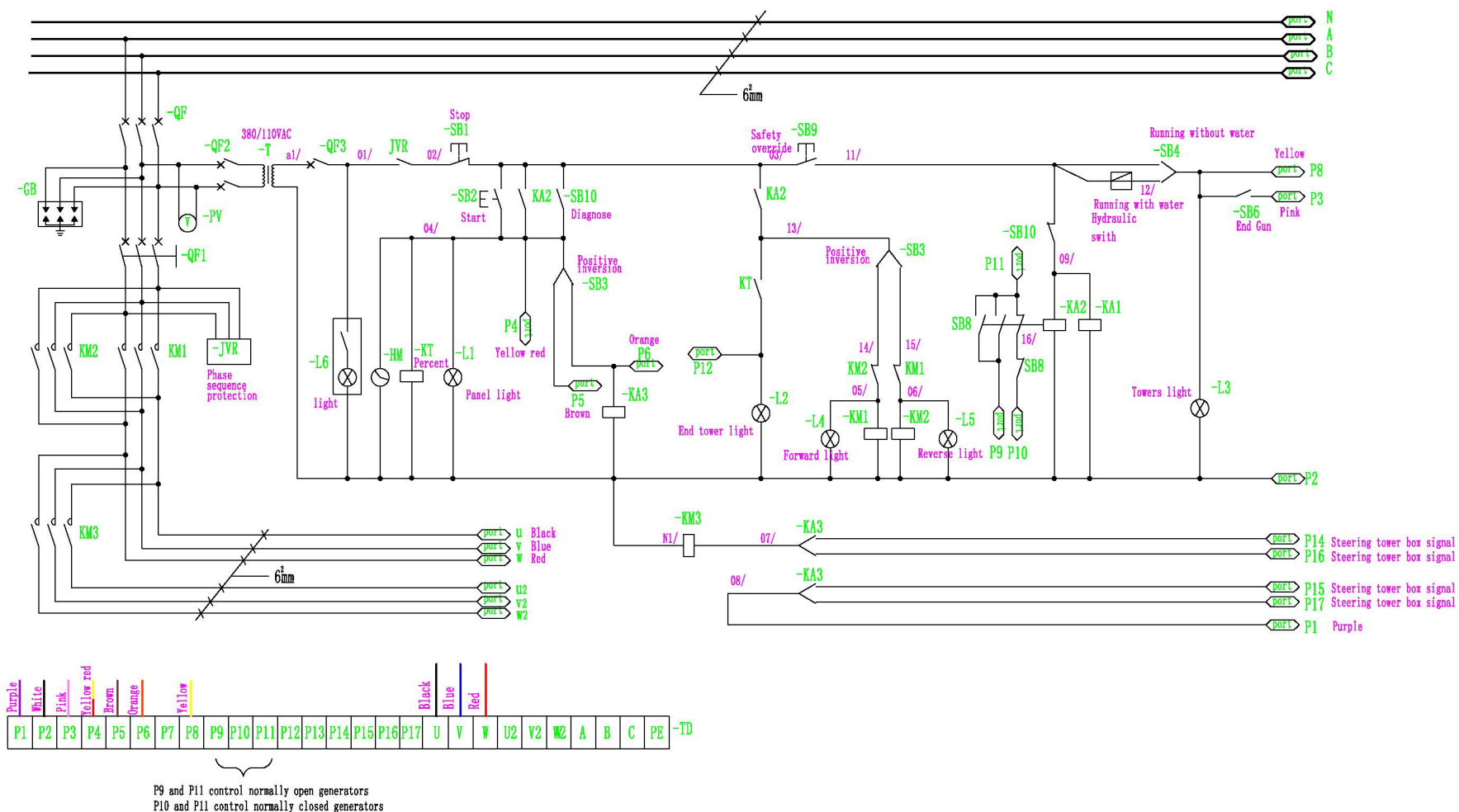
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19	KT	THE PERCENT TIMER
18	HM	HOUR METER
17	PV	VOLTMETER
16	QF	ROTATE THE HANDLE
15	L4	FORWARD LIGHT/RED
14	L1	PANEL LIGHT
13	L3	TOWERS LIGHT
12	L5	REVERSE LIGHT/RED
11	L2	END TOWER LIGHT
10	SB10	DIAGNOSE SWITCH
9	SB9	SAFETY OVERRIDE
8	SB8	GENERATOR SWITCH
7	SB7	AUTO REVERSE SWITCH
6	SB6	END GUN
5	SB5	PUMP SWITCH
4	SB4	DRY/WET SWITCH
3	SB3	FORWARD/REVERSE SWITCH
2	SB1	STOP SWITCH
1	SB2	START SWITCH
ITEM NO.	CODE	NAME



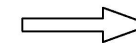
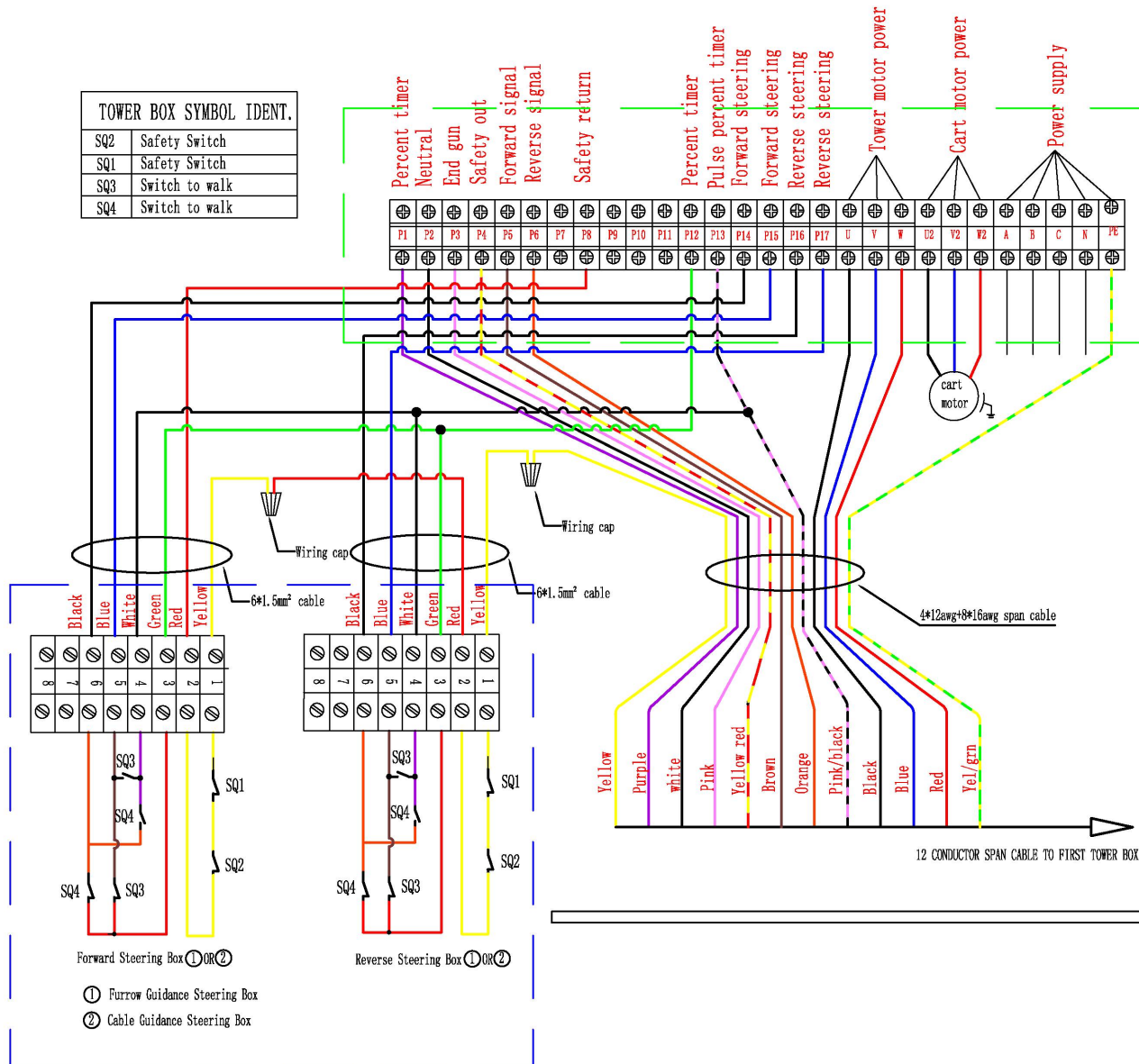
15	L6	NIGHT LIGHT
14		
13	TD	接线端子
12	JVR	PHASE SEQUENCE PROTECTION RELAY
11	OF3	BREAKER
10	QF	BREAKER
9	T	TRANSFORMER
8	QF2	BREAKER
7	QF1	THREE-PHASE LEAKAGE PROTECTOR
6	GB	SURGE PROTECTIVE DEVICES
5		BAFFLE
4	KM	CONTACTOR
3	KA1~KA3	RELAY
2		GUIDE RAIL
1		TRUNKING
ITEM NO.	CODE	NAME



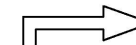


Linear Steering Wiring Diagram

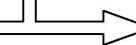
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Control panel

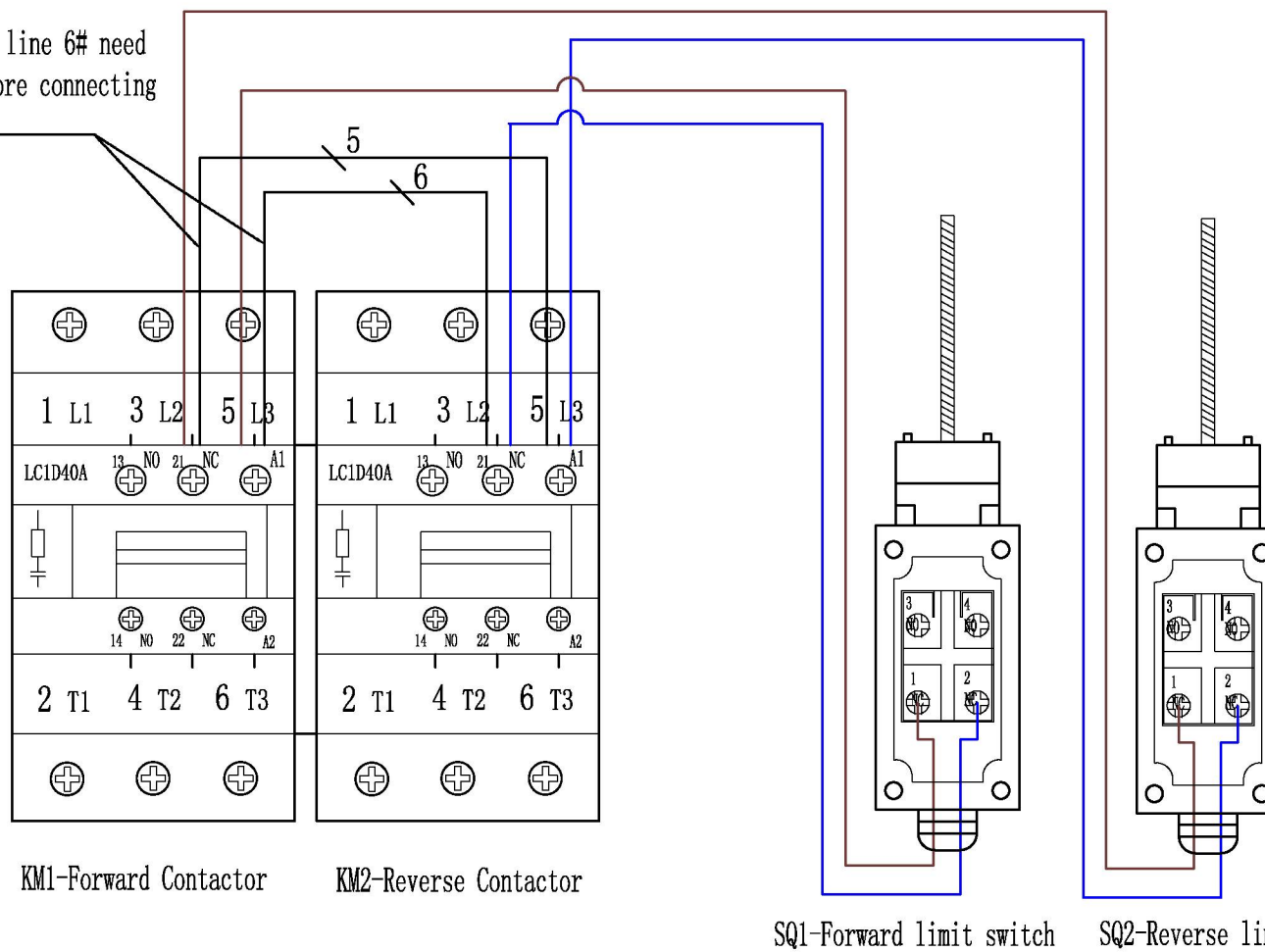


Furrow Guidance Steering Box



Cable Guidance Steering Box

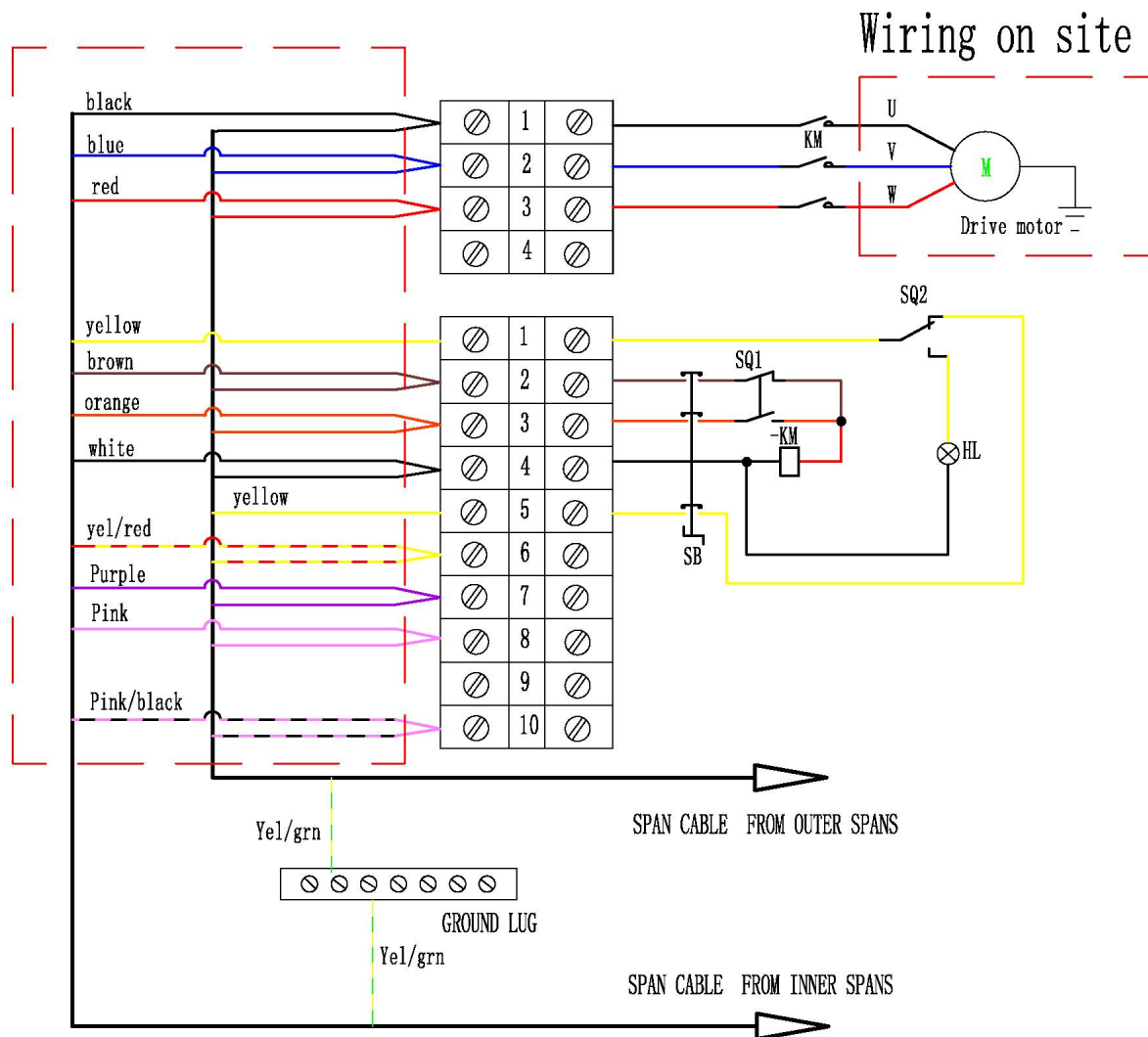
Note: Line 5# and line 6# need to be removed before connecting limit switch





Intermediate Tower Box Wiring Diagram

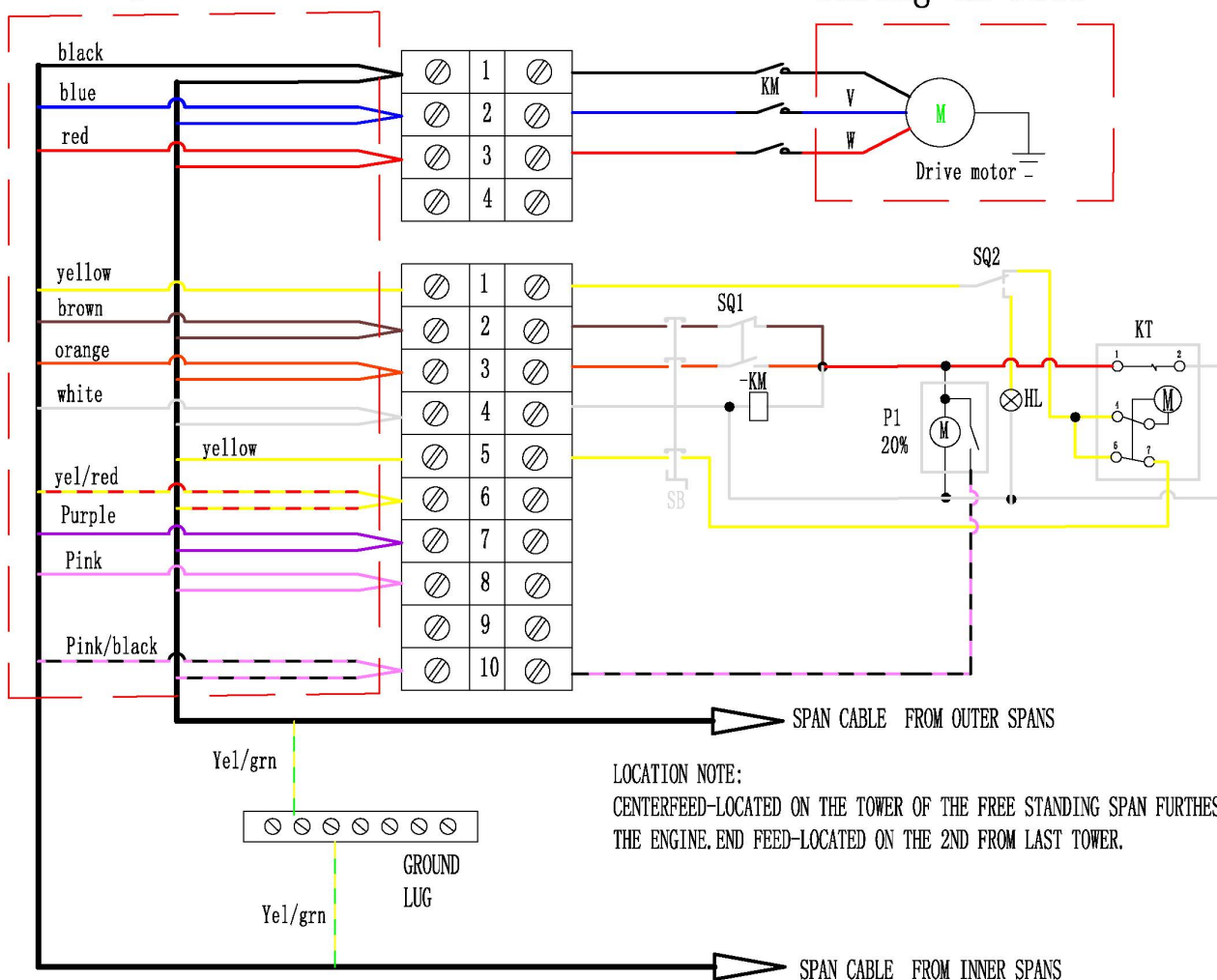
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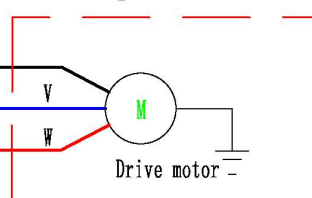
Intermediate Tower Box
(PN:1403038)

TOWER BOX SYMBOL IDENT.	
KM	Drive Contactor
SQ2	Safety Switch
SQ1	Motor Microswitch
SB	Manual Power Disconnect
HL	Indicator Light

Wiring on site



Wiring on site

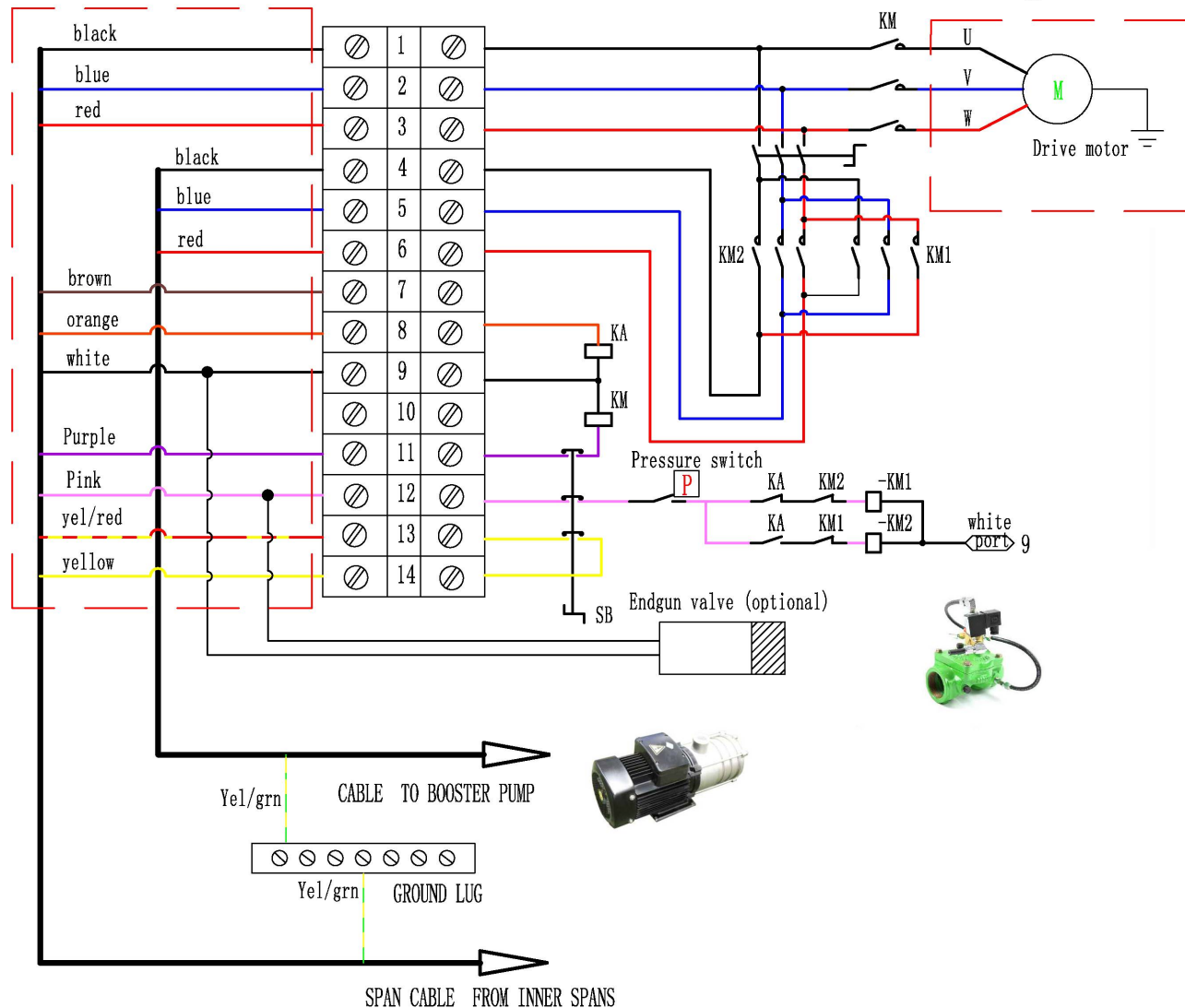


Central pulse Tower box
(PN:1403030)

TOWER BOX SYMBOL IDENT.	
KM	Drive Contactor
SQ2	Safety Switch
SQ1	Motor Microswitch
KT	Overwatering Timer
SB	Manual Power Disconnect
HL	Indicator Light
P1	Percent Timer

Wiring on site

Wiring on site



Booster Pump Tower Box
(PN:1403043)

TOWER BOX SYMBOL IDENT.

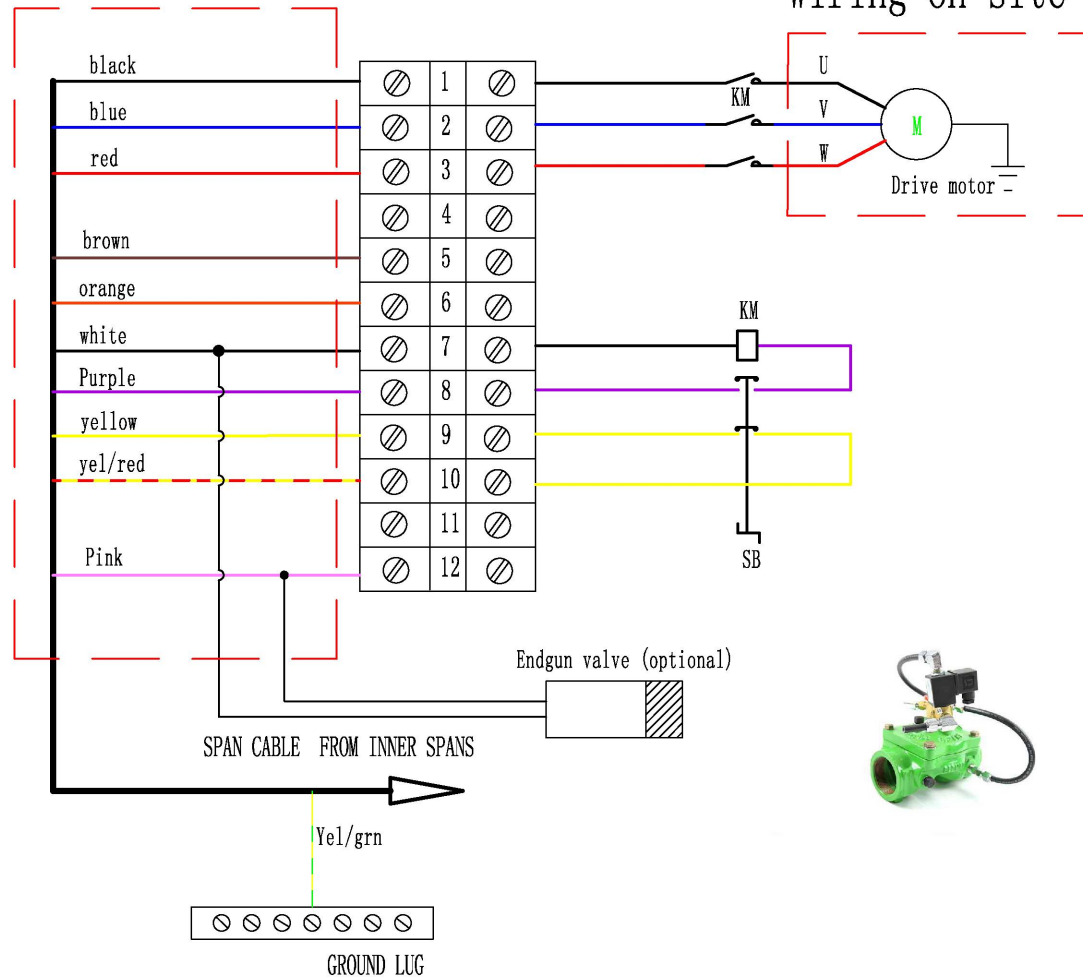
KM	Drive Contactor
SB	Manual Power Disconnect
KA	Relay
KM1-2	Pump Contactor



End Tower Box Wiring Diagram

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Wiring on site



End Tower Box
(PN:1403040)

TOWER BOX SYMBOL IDENT.

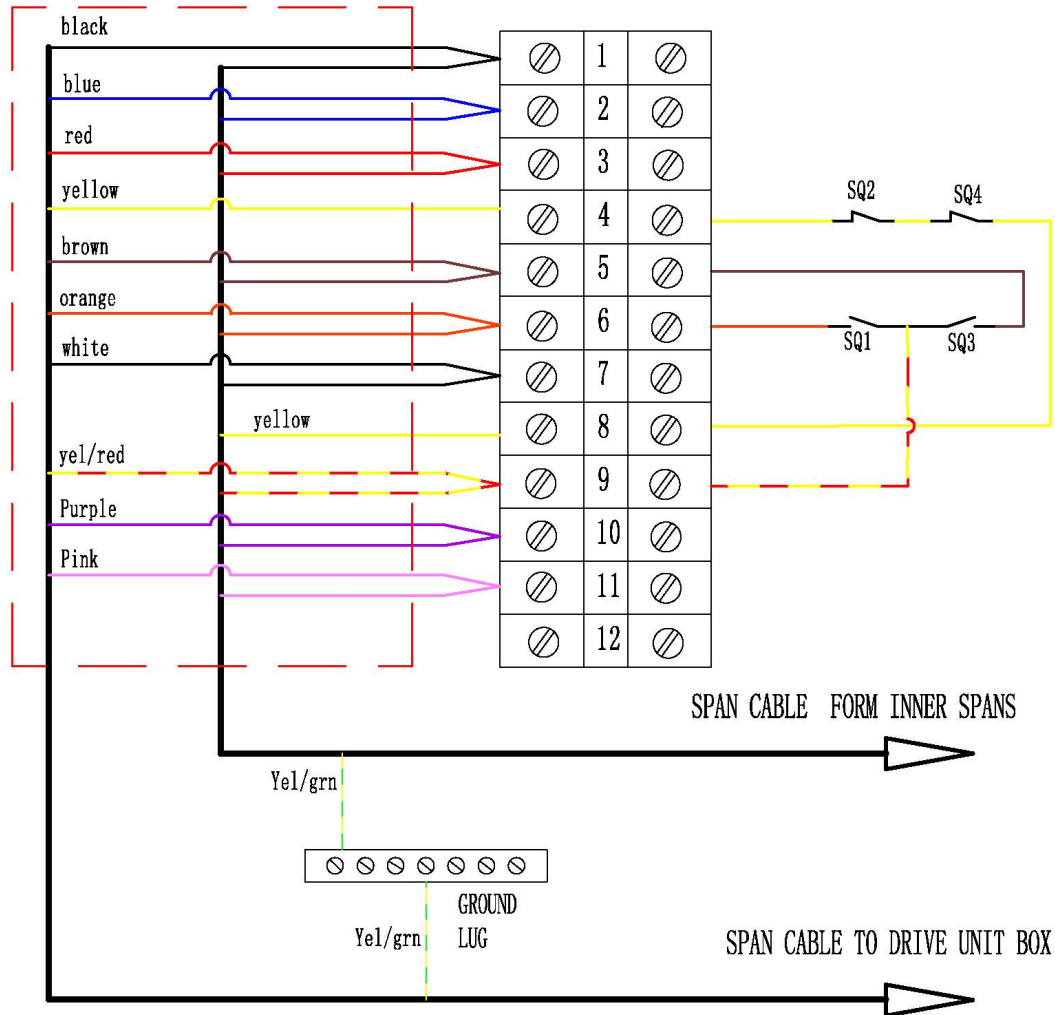
KM	Drive Contactor
SB	Manual Power Disconnect



Auto Reverse Box Wiring Diagram

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Wiring on site



Auto Reverse Box
(PN:1403041)

TOWER BOX SYMBOL IDENT.

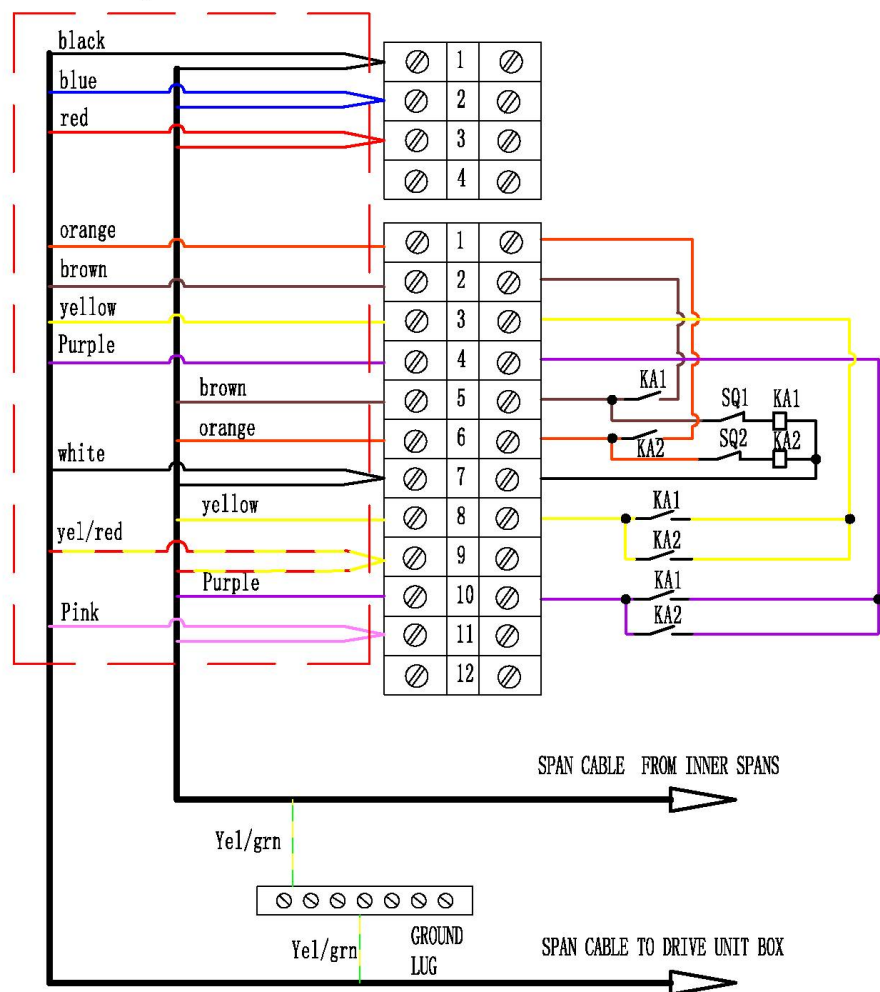
TOWER BOX SYMBOL IDENT.	
SQ1	Reverse Switch
SQ2	Safety Switch
SQ3	Forward Switch
SQ4	Safety Switch



End Of Field Stop Tower Box Wiring Diagram

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Wiring on site



End Of Field Stop Tower Box
(PN:1403042)

TOWER BOX SYMBOL IDENT.	
KA1	FWD STOP RELAY
KA2	REV STOP RELAY
SQ1	STOP FWD SWITCH
SQ2	STOP REV SWITCH