

Calder Brothers Corporation
 450 E Warehouse Ct
 Taylors, SC 29687

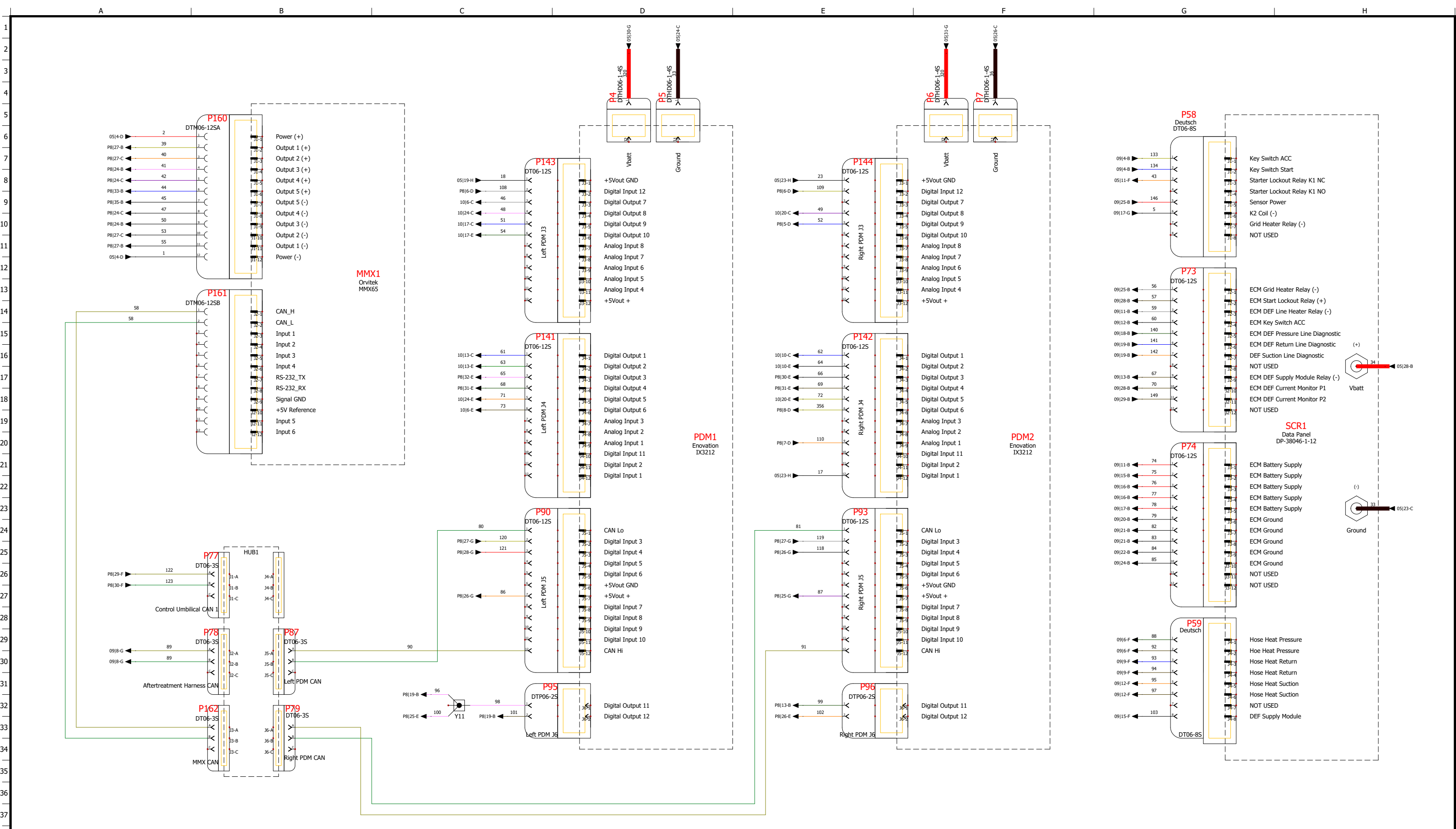
Main Fuse Panel

CONTRACT:

LOCATION: P Paver

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION
 0
 SCHEME
 05



Calder Brothers Corporation
 450 E Warehouse Ct
 Taylors, SC 29687

Tractor PDM Center

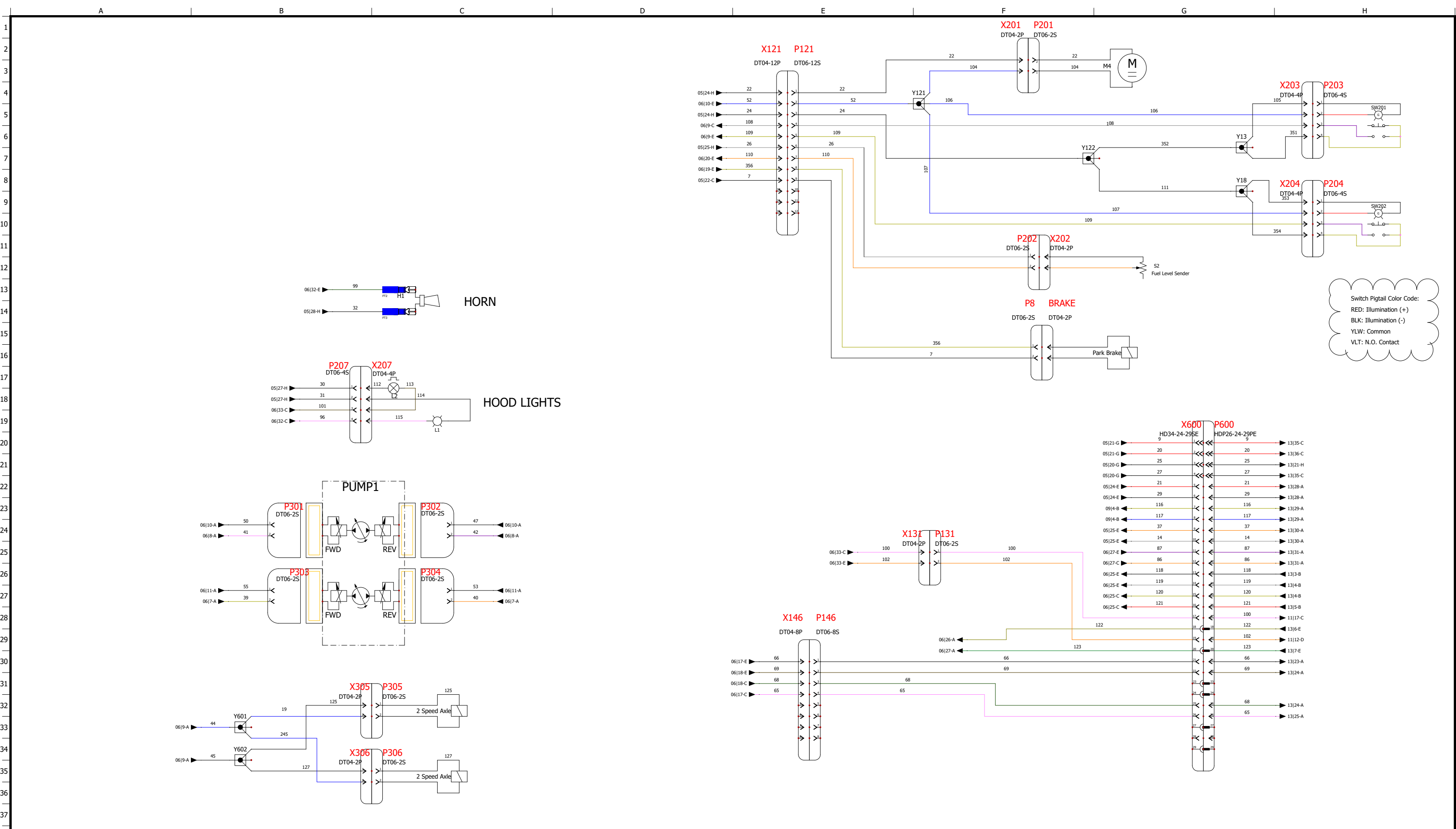
CONTRACT: _____

LOCATION: **P T EB PC1**

PDM Center

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION
0
 SCHEME
06



Calder Brothers Corporation
 450 E Warehouse Ct
 Taylors, SC 29687

Tractor Wiring

Engine Bay

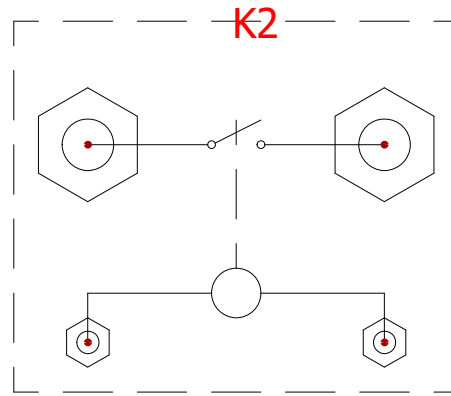
REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION	0
SCHEME	P8

CONTRACT:

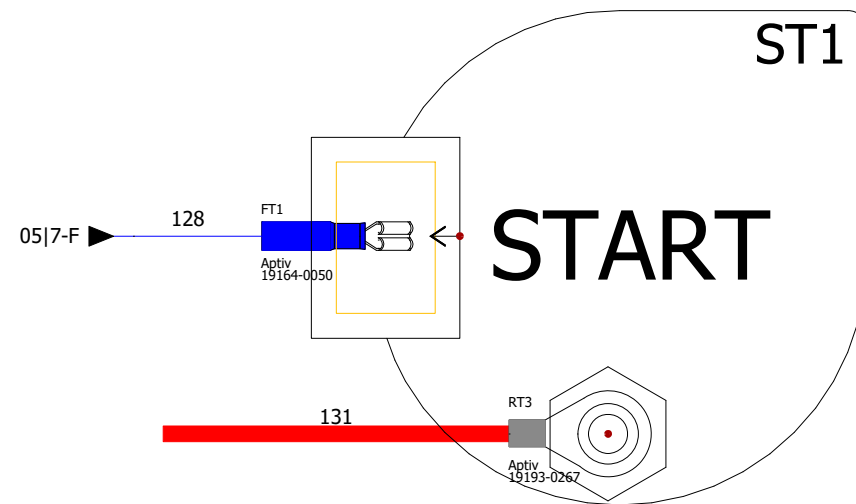
LOCATION: P T EB

ENGINE MOUNTED GRID HEAT CONTACTOR
POWER FROM ENGINE MOUNTED MAXI FUSE

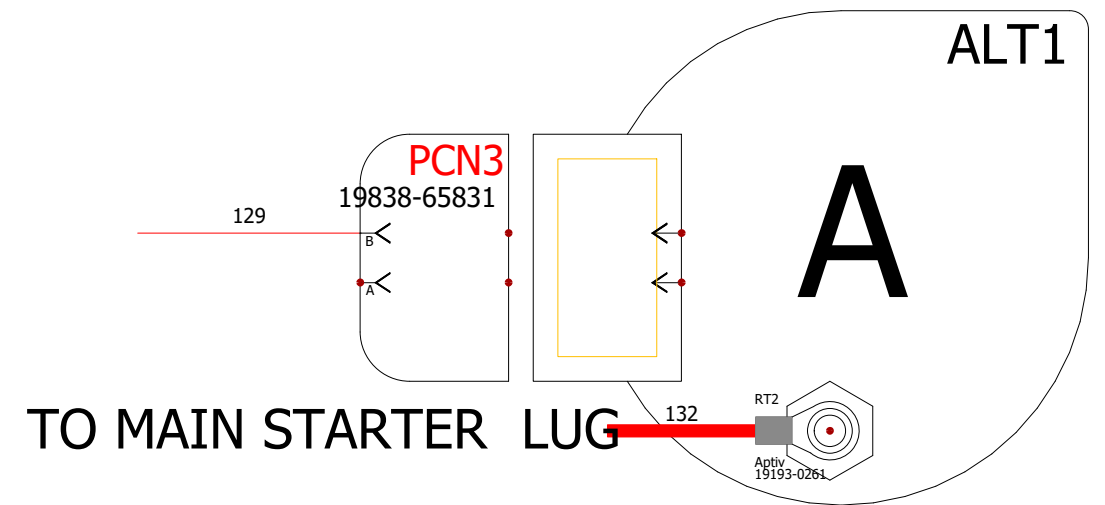


CONTROL FROM SCR HARNESS

NOTE: ALTERNATOR EXCITER W/
300 OHM SERIES RESISTOR FROM STARTER



TO ENGINE MOUNTED
MAXI FUSE BLOCK



TO MAIN STARTER LUG



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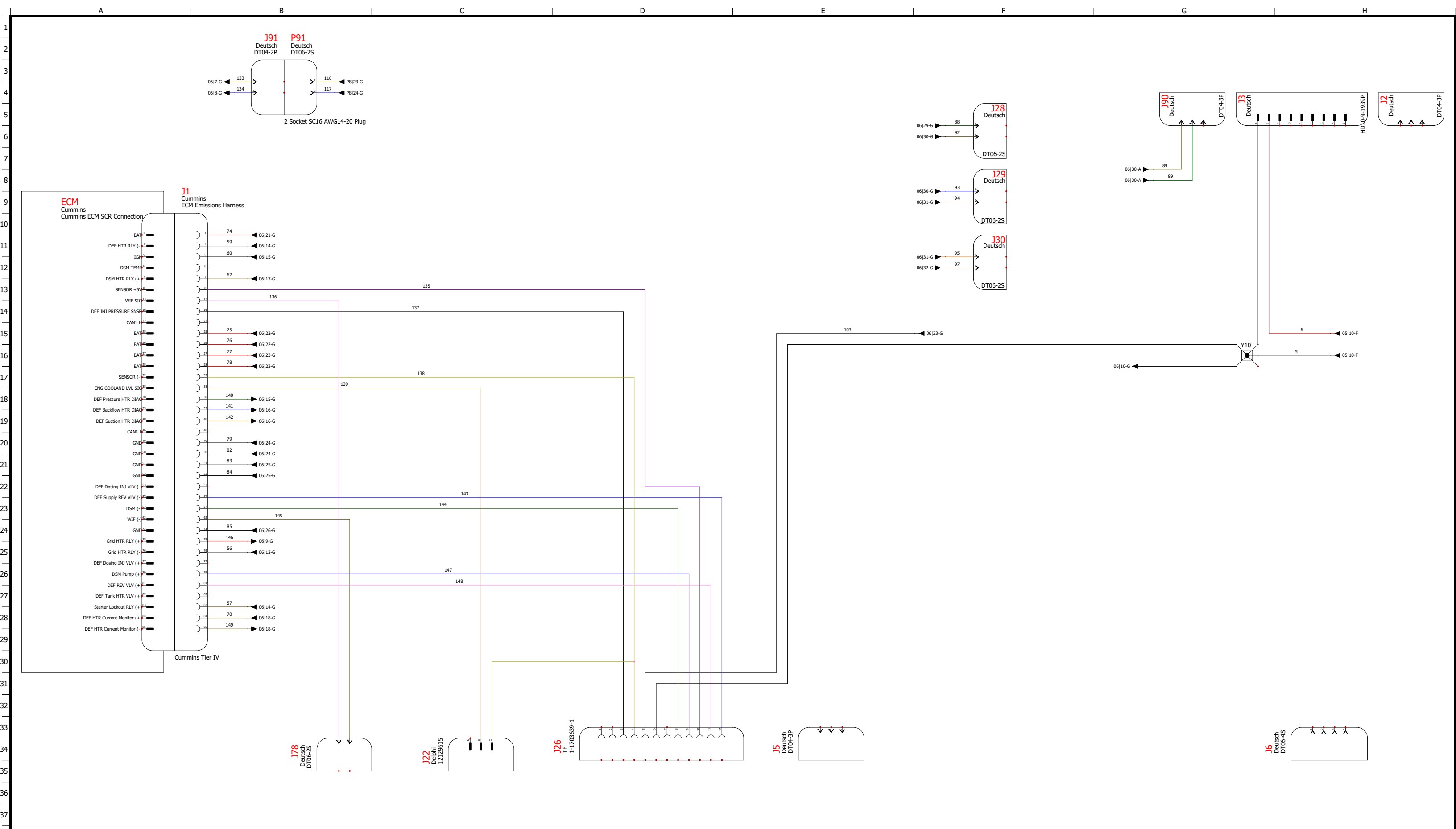
Engine

CONTRACT:

LOCATION: P T EB

Engine Bay

REV.	DATE	NAME	CHANGES	REVISION
0	9/29/2021	lgibson		0
				SCHEME
				08



MAULDIN
 BY CALDER BROTHERS

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SCR Emissions Control

CONTRACT:

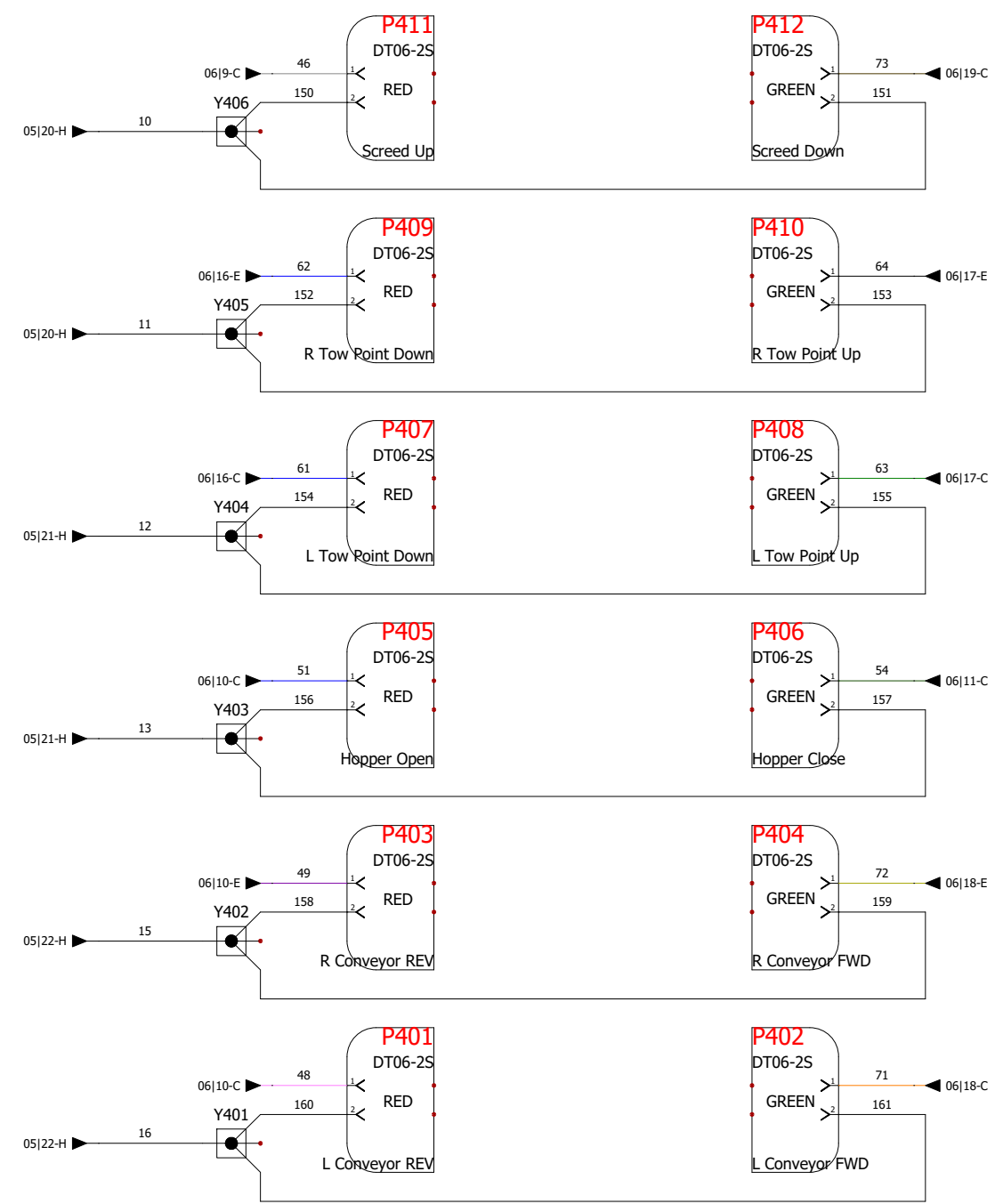
LOCATION: **P T EB AFT1** **Aftertreatment Control Harness**

REV.	DATE	NAME	CHANGES
0	10/6/2021	lgibson	
User data 1			User data 2

REVISION
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SCHEME
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450 E Warehouse Ct
Taylors, SC 29687

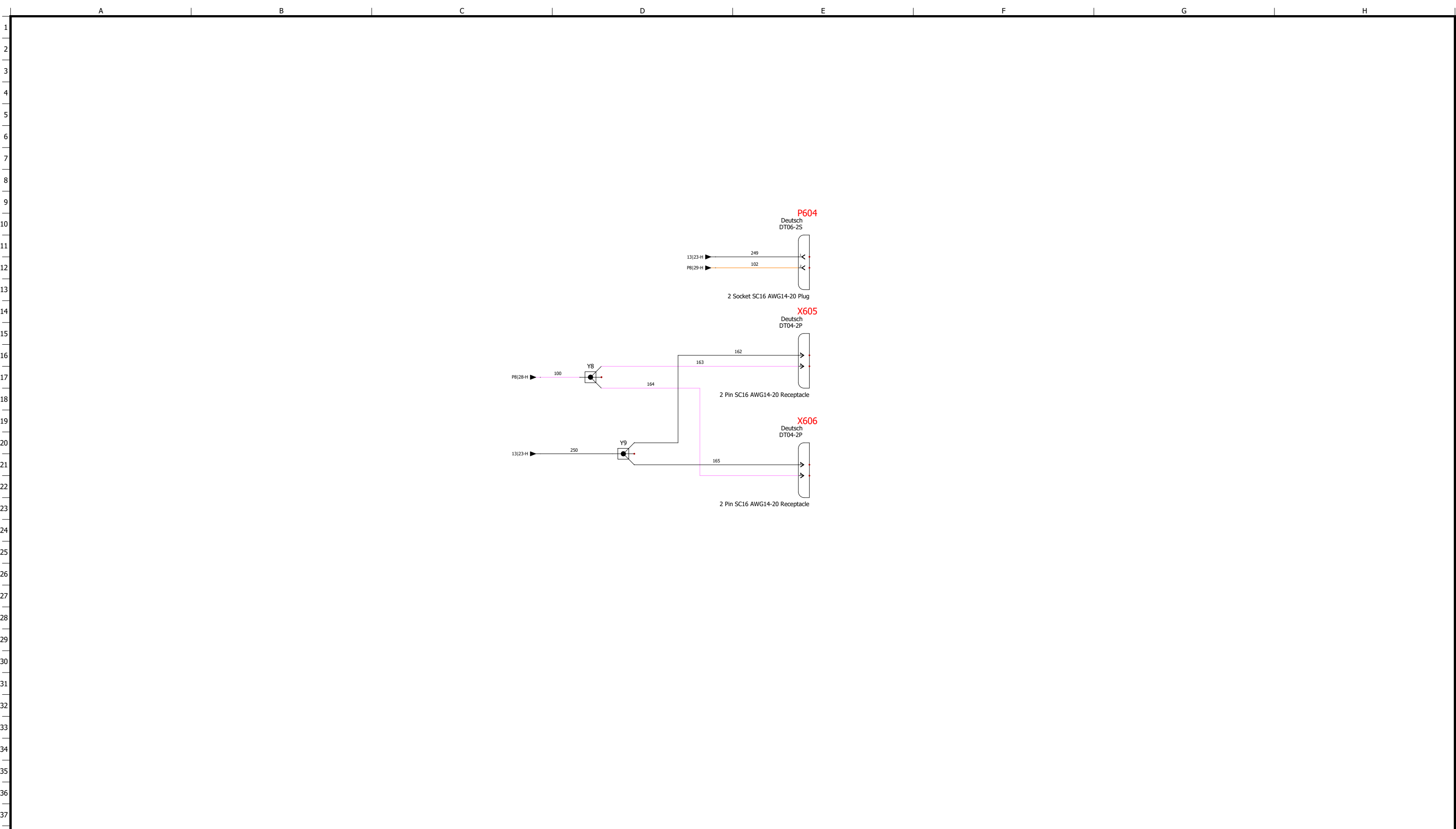
Tractor Valve Stack

CONTRACT:

LOCATION: P T HVS1

Hydraulic Valve Stack

				REVISION
				0
0	9/29/2021	lgibson		
REV.	DATE	NAME	CHANGES	SCHEME
				10
User data 1			User data 2	



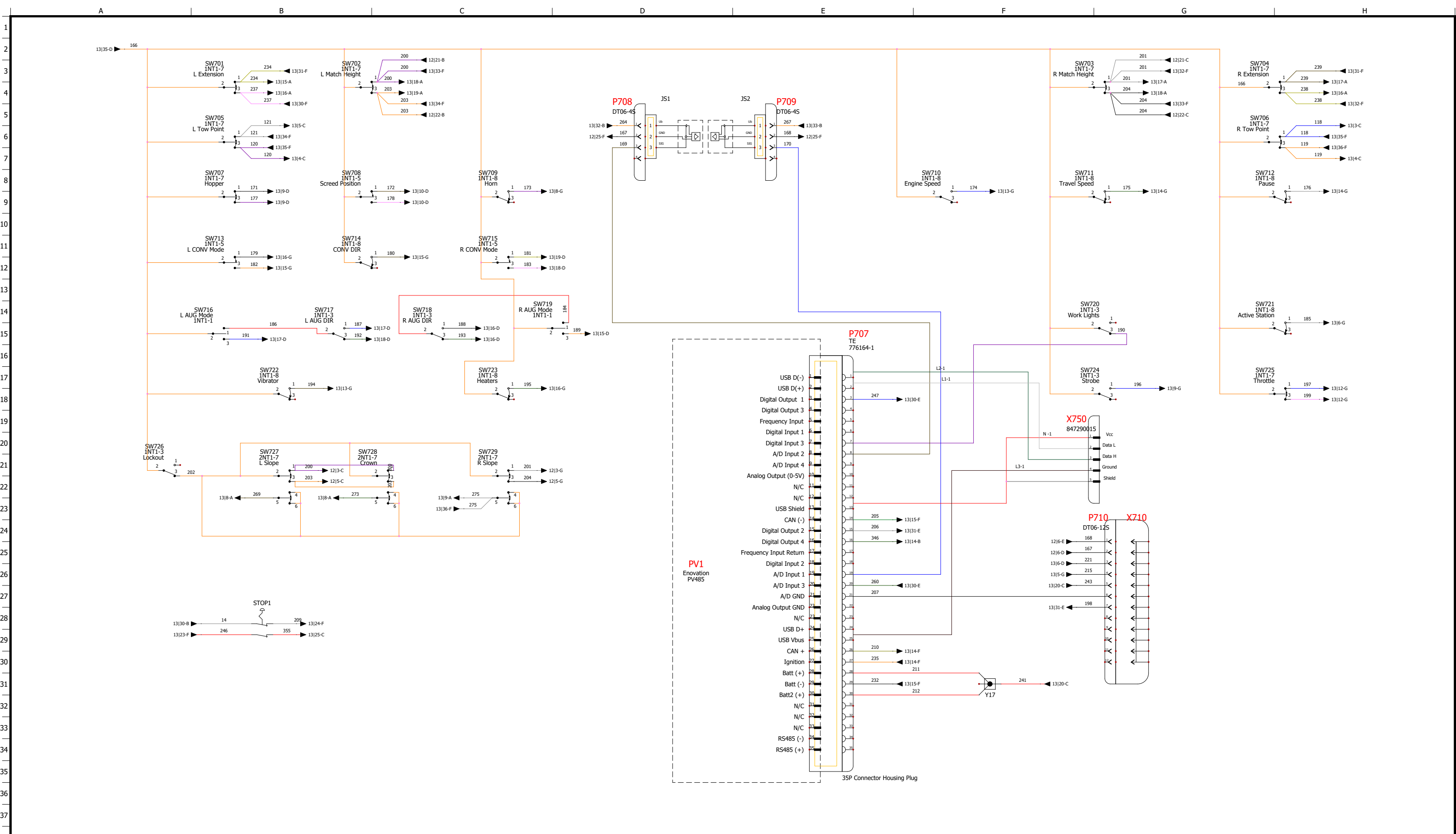
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Screed Control Umbilical

				REVISION
				0
0	1/27/2022	lgibson		
REV.	DATE	NAME	CHANGES	SCHEME
			User data 1	11
			User data 2	

CONTRACT:

LOCATION: P Paver



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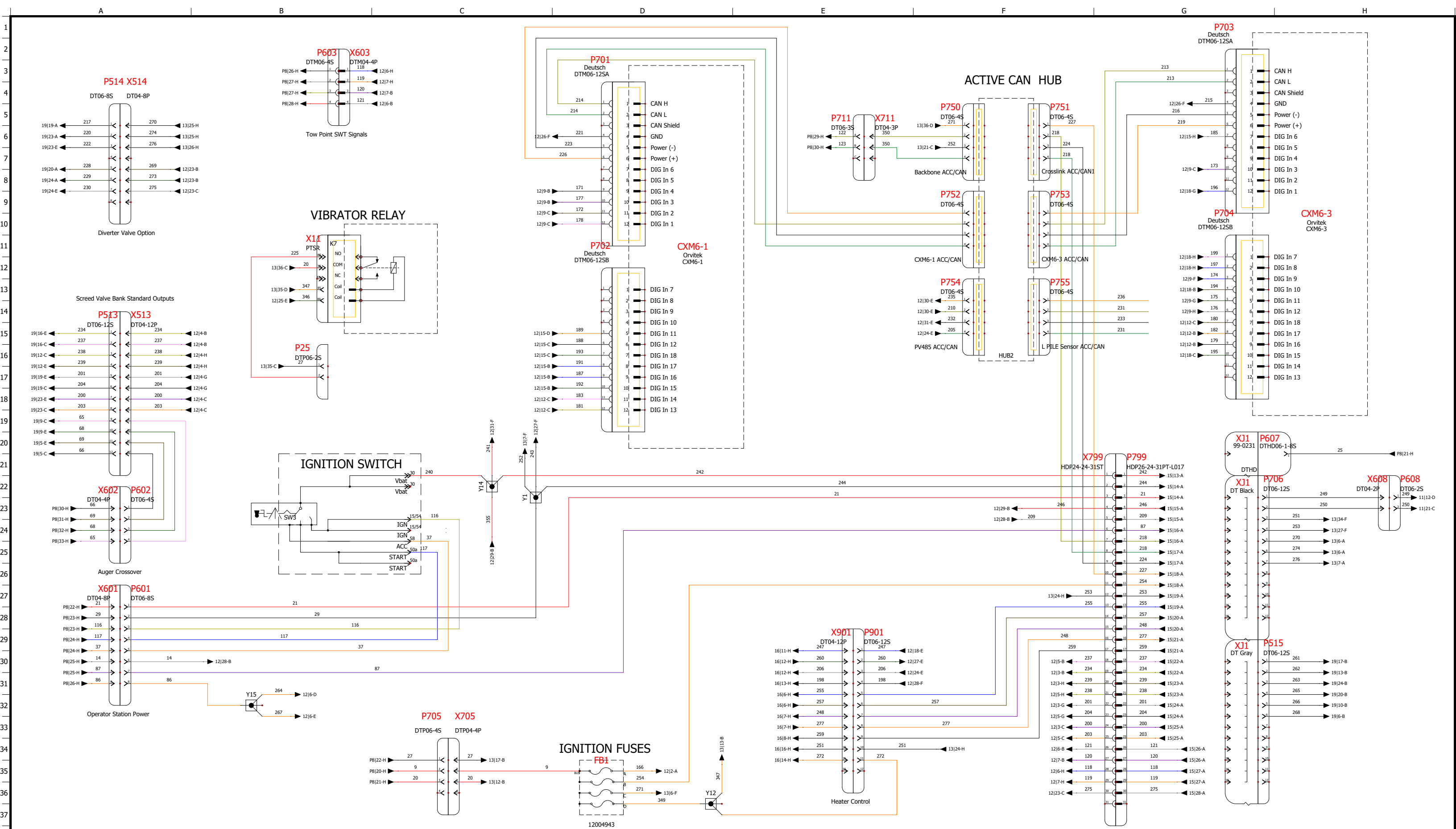
Left Operator Station Panel

CONTRACT: _____

LOCATION: P S SM OPL L Operator Station

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION
0
SCHEME
12



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Left Operator Station Base

CONTRACT: _____

LOCATION: **P S SM OPL** **L Operator Station**

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION
0
 SCHEME
13

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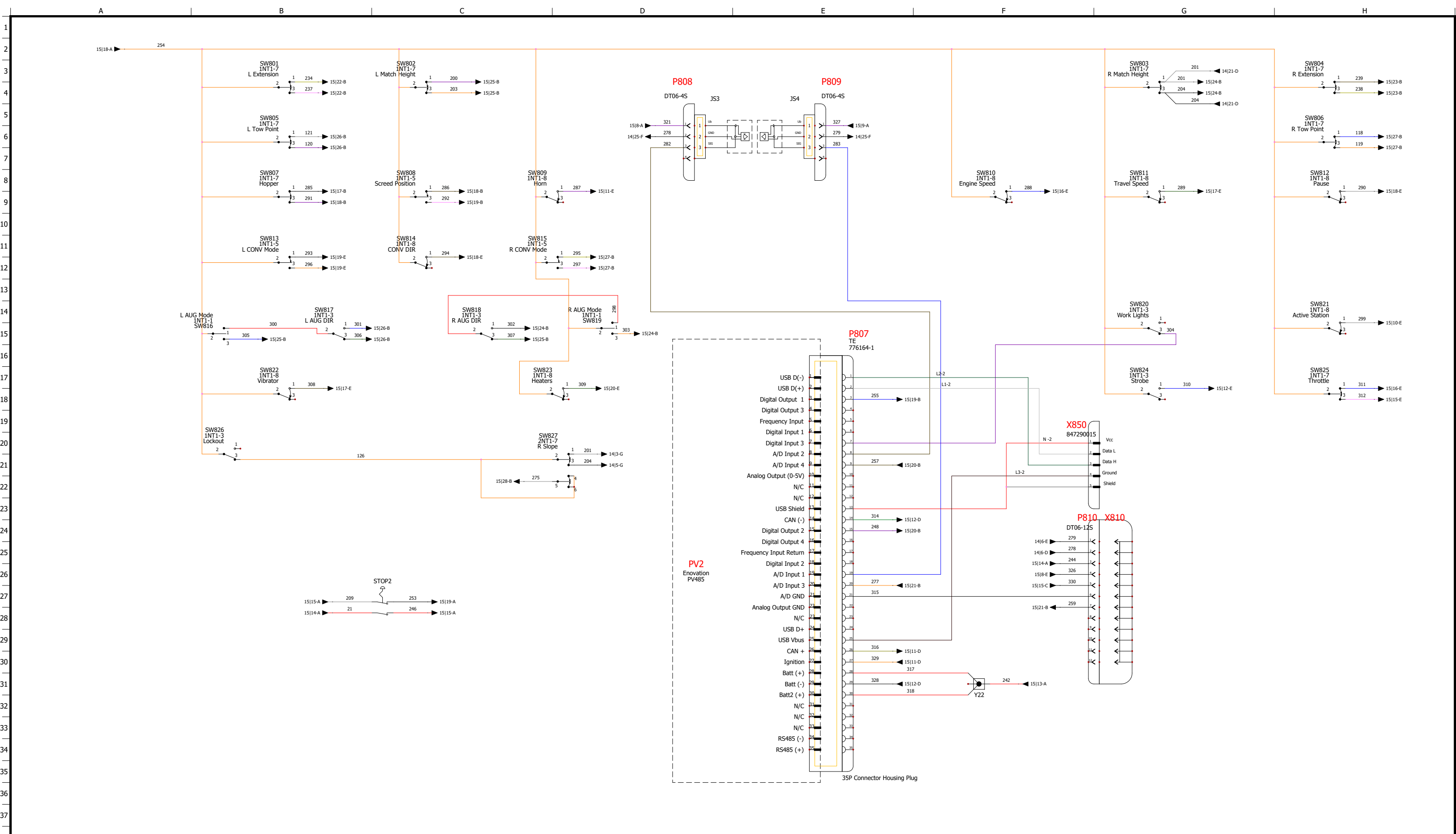
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Operator Station Remote Panels

0	3/15/2022	lgibson	
REV.	DATE	NAME	CHANGES
User data 1			User data 2

REVISION
0
SCHEME
20

CONTRACT: LOCATION: **P** Paver



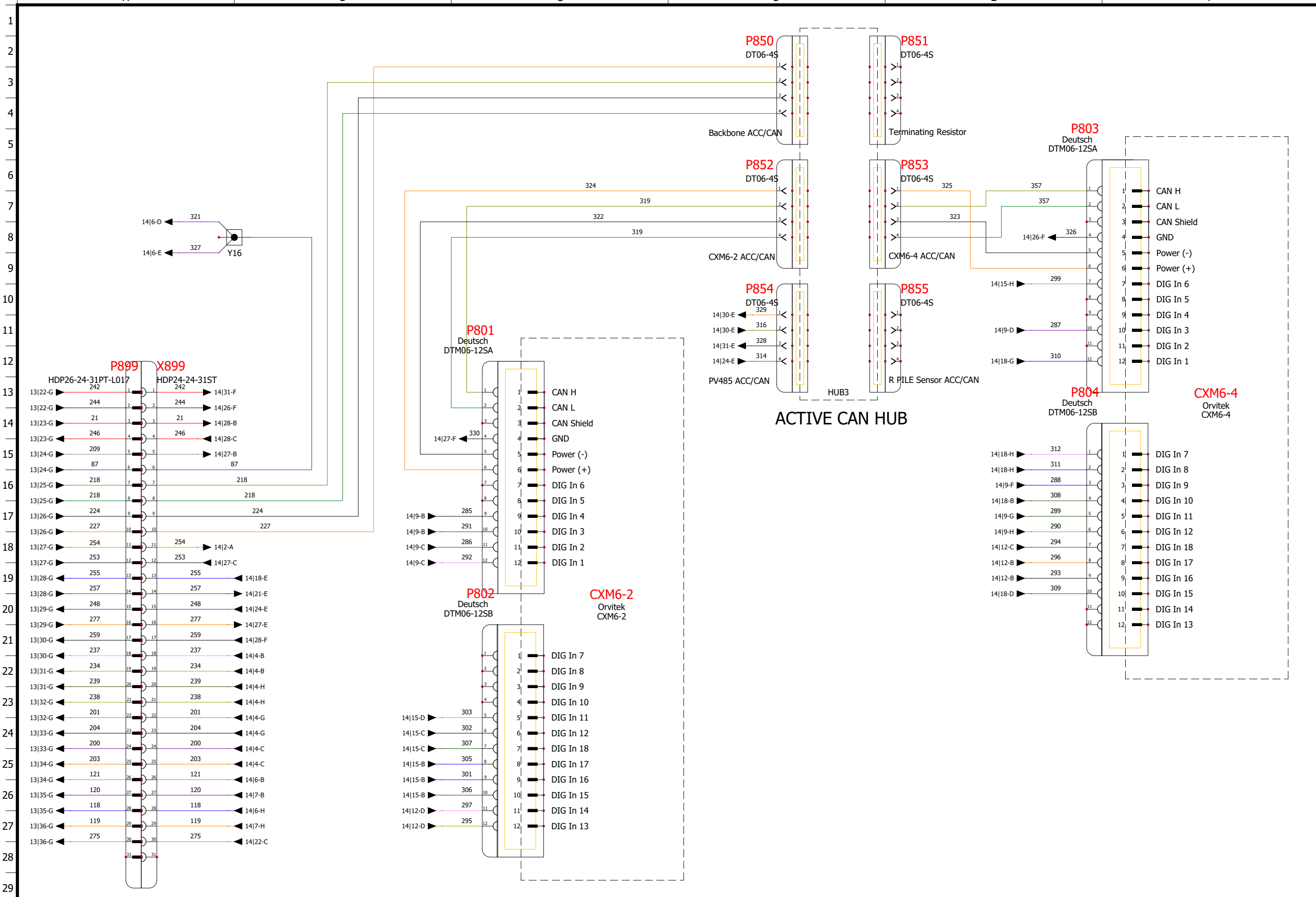
Calder Brothers Corporation
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 Taylors, SC 29687

Right Operator Station Panel

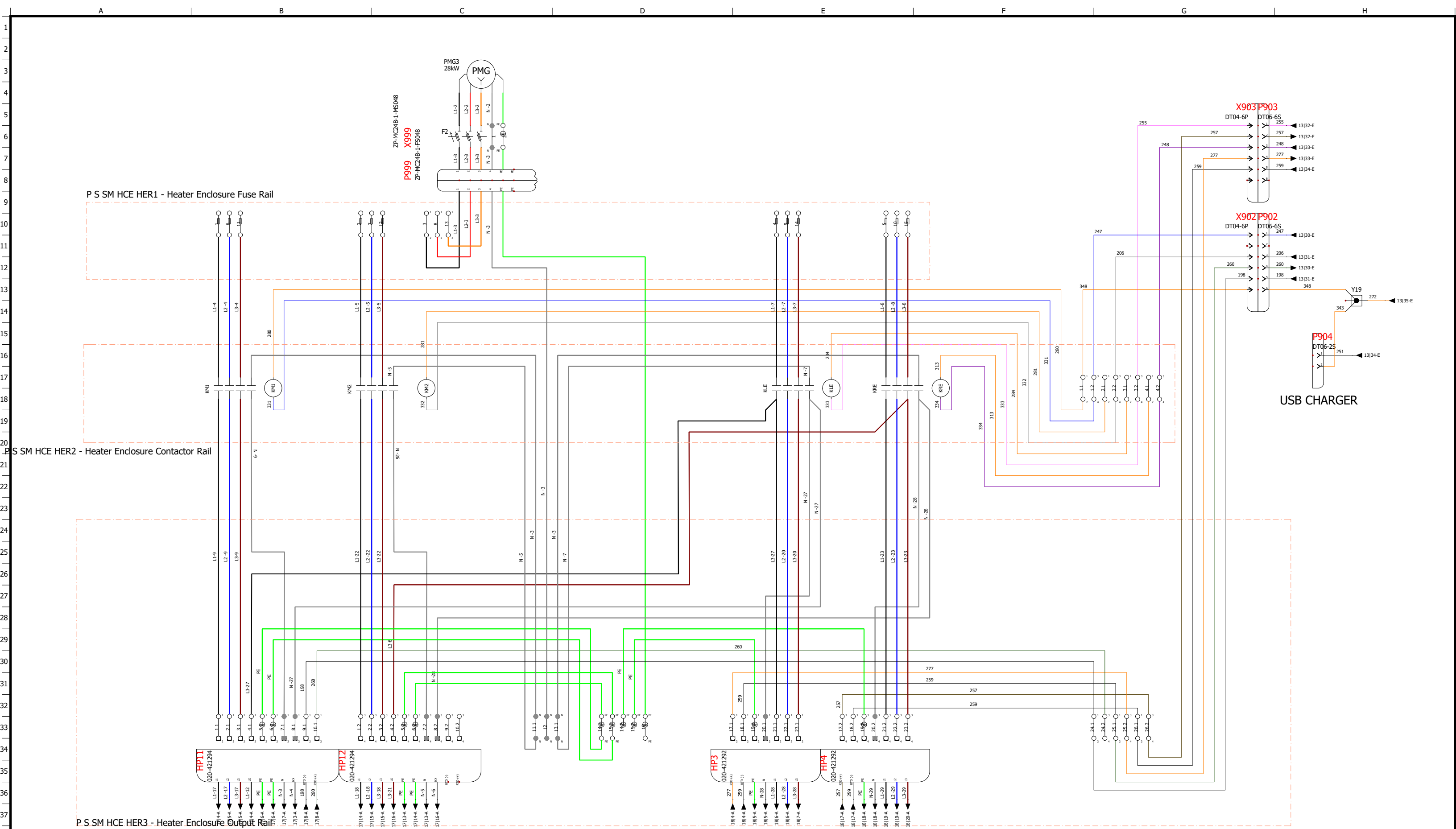
CONTRACT:

LOCATION: P S SM OPR R Operator Station

0	1/29/2022	lgibson		REVISION 0
REV.	DATE	NAME	CHANGES	SCHEME 14
User data 1			User data 2	



REV.	DATE	NAME	CHANGES
0	1/29/2022	lgibson	
User data 1			User data 2



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Four Zone Screed Control

CONTRACT: _____

LOCATION: **P S** Screed

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION
0
 SCHEME
16

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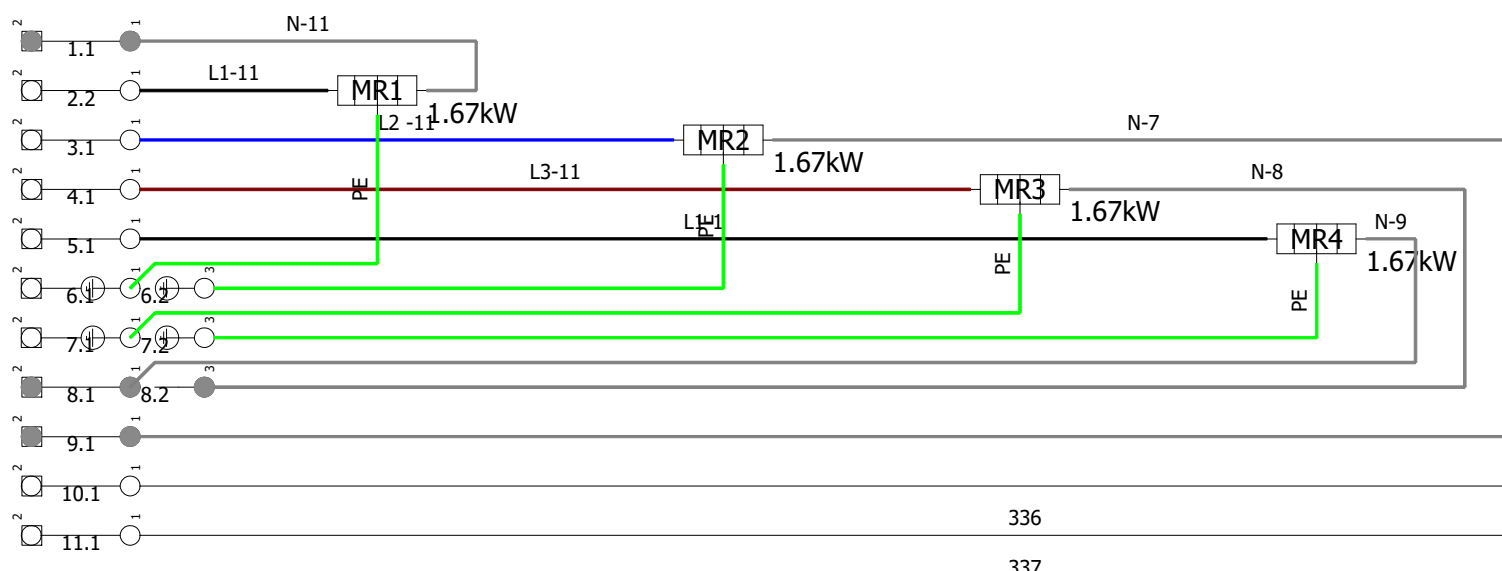
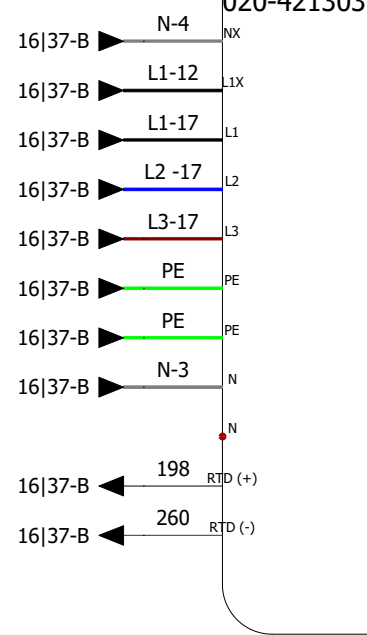
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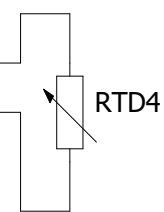
E

HP110

020-421303

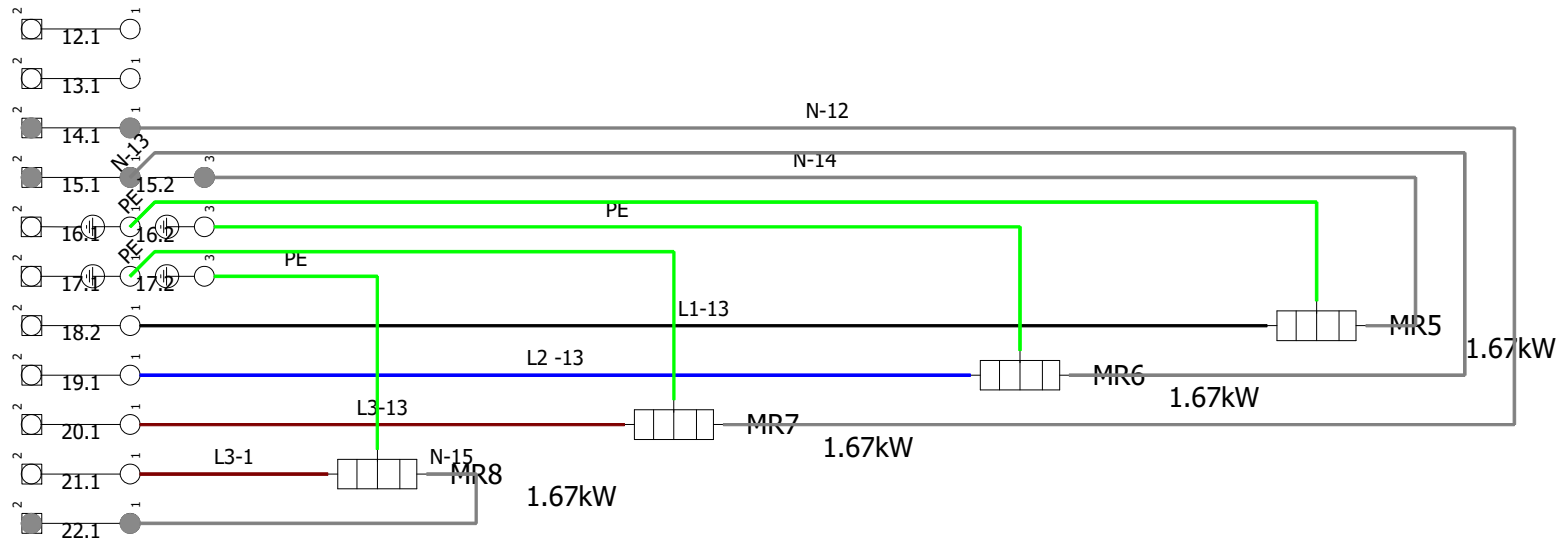
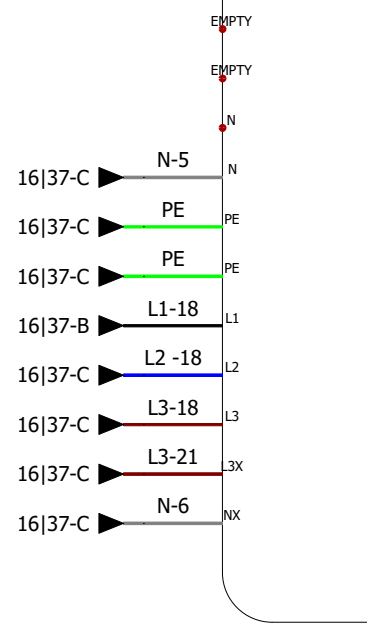


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337



HP120

020-421299



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Screed Main

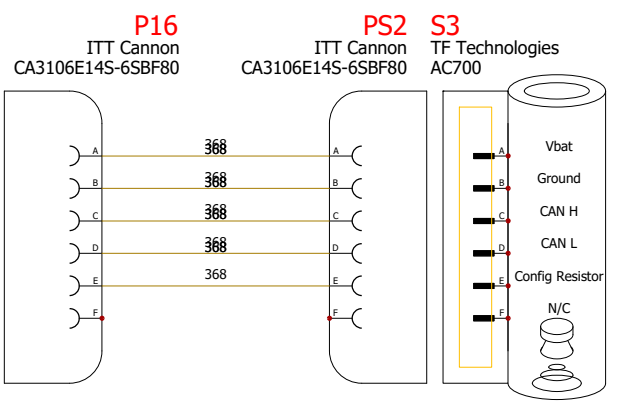
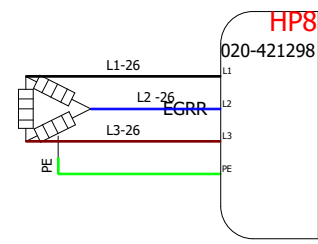
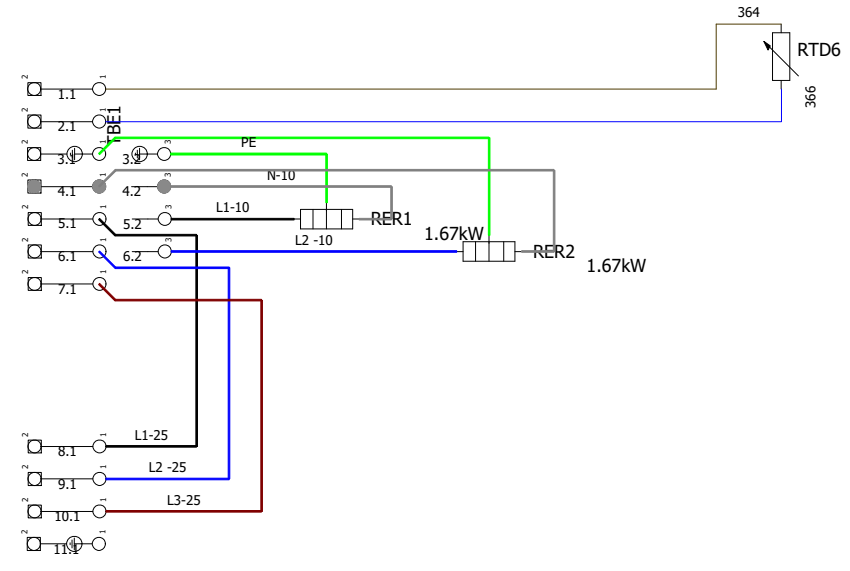
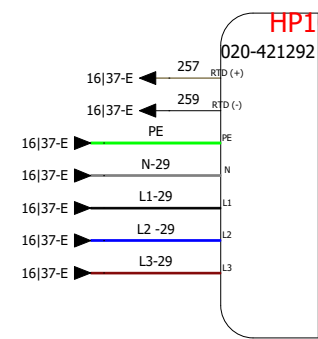
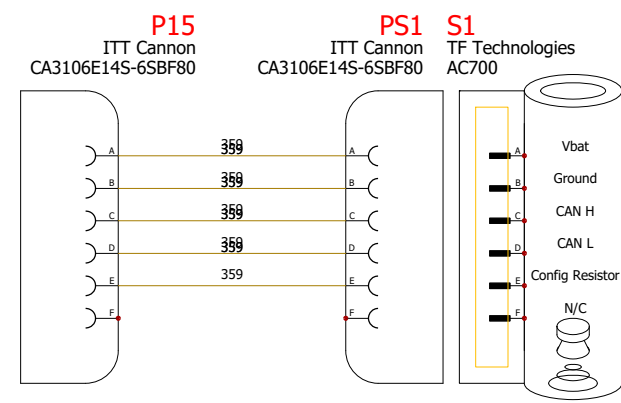
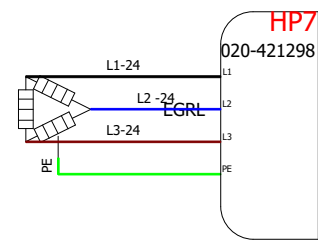
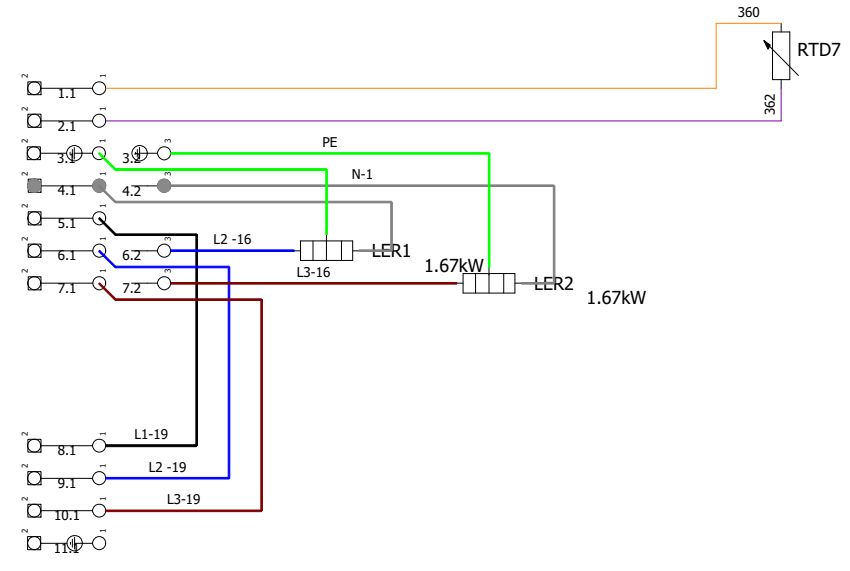
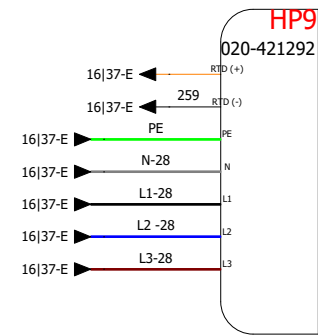
CONTRACT:

LOCATION: P

Paver

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION
0
SCHEME
17



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Screed Extensions

CONTRACT:

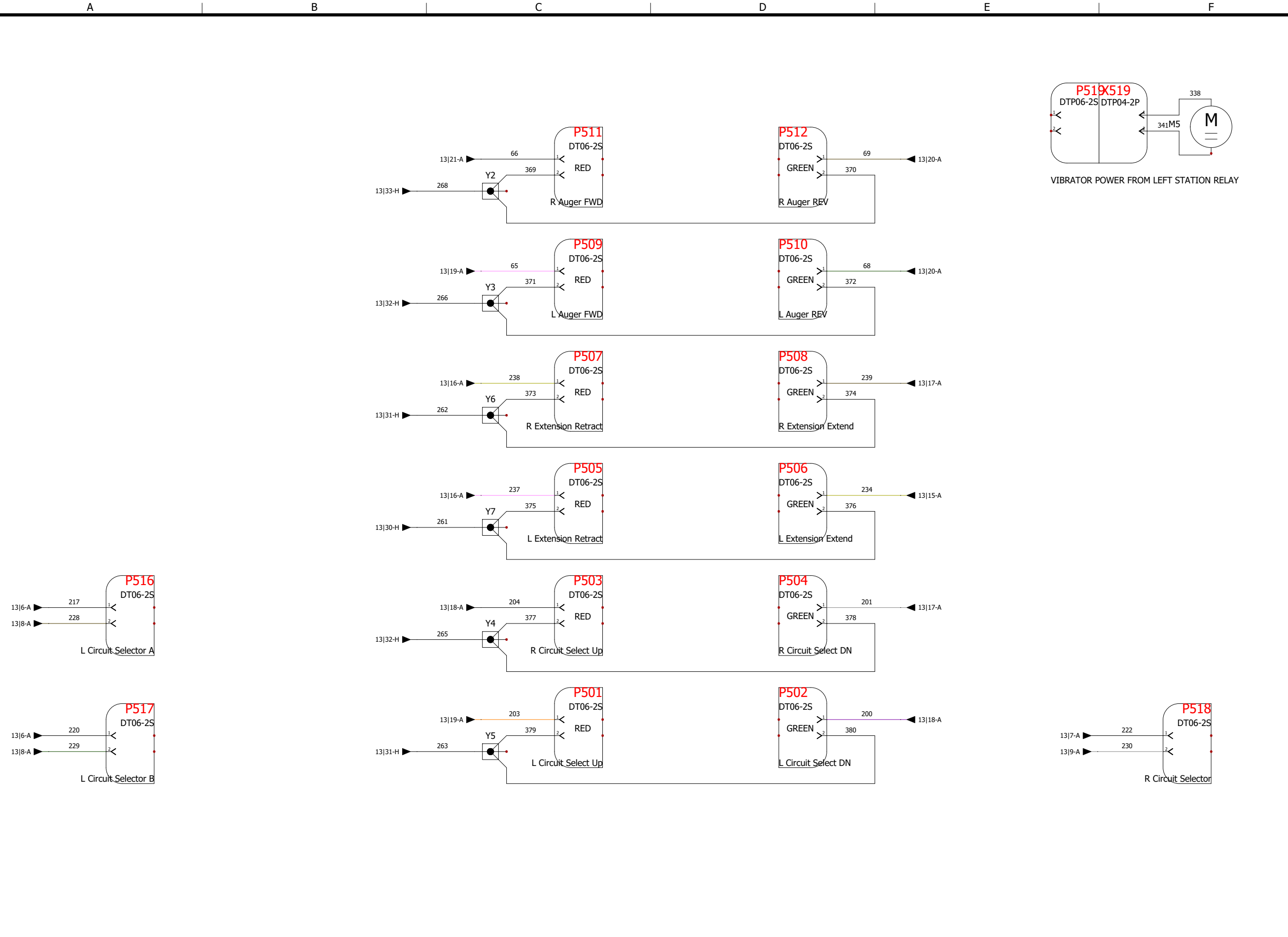
LOCATION: P

Paver

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION
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SCHEME
18

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Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

Screed Valve Stack

CONTRACT:

LOCATION: P S WS HS4

Screed Standard Valve Stack

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

REVISION
0
SCHEME
19

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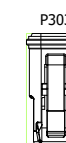
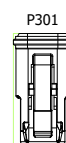
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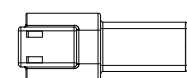
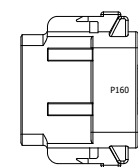
18

P160							Deutsch DTM06-12SA	
MMX J1		Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	MMX Power (+)	X307:2	2	RD	16	DT 20 Socket Ni		
2	L Track REV PWM	P303:2	39	YE	16	DT 20 Socket Ni		
3	R Track REV PWM	P304:2	40	OG	16	DT 20 Socket Ni		
4	L Track FWD PWM	P301:2	41	PK	16	DT 20 Socket Ni		
5	R Track FWD PWM	P302:2	42	VT	16	DT 20 Socket Ni		
6	2 Speed PWM	Y601	44	BU	16	DT 20 Socket Ni		
7	Spliced GND	Y602	45	BK	16	DT 20 Socket Ni		
8	Spliced GND	P302:1	47	BK	16	DT 20 Socket Ni		
9	Spliced GND	P301:1	50	BK	16	DT 20 Socket Ni		
10	Spliced GND	P304:1	53	BK	16	DT 20 Socket Ni		
11	Spliced GND	P303:1	55	BK	16	DT 20 Socket Ni		
12	MMX Power (-)	X307:1	1	BK	16	DT 20 Socket Ni		

P302							Deutsch DT06-2S	
Left Track Pump REV Plug		Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	Spliced GND	P160:8	47	BK	16			
2	R Track FWD PWM	P160:5	42	VT	16			

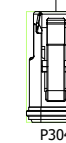
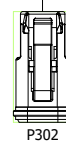


P303							Deutsch DT06-2S	
Right Track Pump REV Plug		Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	Spliced GND	P160:11	55	BK	16			
2	L Track REV PWM	P160:2	39	YE	16			



X307							Deutsch DT04-2P	
Drivetrain Controller Power		Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	MMX Power (-)	P160:12	1	BK	16	DT 16 Pin Ni		
2	MMX Power (+)	P160:1	2	RD	16	DT 16 Pin Ni		

P301							Deutsch DT06-2S	
Left Track Pump FWD Plug		Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	Spliced GND	P160:9	50	BK	16			
2	L Track FWD PWM	P160:4	41	PK	16			



P304							Deutsch DT06-2S	
Right Track Pump FWD Plug		Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	Spliced GND	P160:10	53	BK	16			
2	R Track REV PWM	P160:3	40	OG	16			

X305							Deutsch DT04-2P	
L Two Speed Axle		Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	Spliced GND	Y602	125	BK	16	DT 16 Pin Ni		
2	L Track 2 Speed PWM	Y601	19	BU	16	DT 16 Pin Ni		

X306							Deutsch DT04-2P	
R Two Speed Axle		Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	Spliced GND	Y602	127	BK	16	DT 16 Pin Ni		
2	R Track 2 Speed PWM	Y601	245	BU	16	DT 16 Pin Ni		



Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

Drivetrain Wiring Harness

CONTRACT:

LOCATION: P T WT HT4

Drivetrain Wiring Harness

REV.	DATE	NAME	CHANGES	REVISION
0	9/29/2021	Igibson		0
				SCHEME
				21

User data 1

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Engine Wiring Harness

0	9/29/2021	lgibson	
REV.	DATE	NAME	CHANGES
User data 1			User data 2

REVISION

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SCHEME

22

CONTRACT:

LOCATION: P T WT HE1

Engine Wiring Harness

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P141
Left PDM J4

Pin	Signal	Dest.	#	Color	AWG	Termination
1	L Tow Point Down PWM	P407-1	61	BU	16	DT 16 Socket NI
2	L Tow Point Up PWM	P408-1	63	GNBK	16	DT 16 Socket NI
3	L Auger FWD	X146-4	65	PK	16	DT 16 Socket NI
4	L Auger REV	X146-3	68	GN	16	DT 16 Socket NI
5	L Conveyor FWD PWM	P402-1	71	OG	16	DT 16 Socket NI
6	Screen Down PWM	P442-1	73	BN	16	DT 16 Socket NI
7						DT 16 Socket NI
8						DT 16 Socket NI
9						DT 16 Socket NI
10						DT 16 Socket NI
11						DT 16 Socket NI
12						DT 16 Socket NI

P143
Left PDM J3

Pin	Signal	Dest.	#	Color	AWG	Termination
1	L PDM Sensor GND	P1001-1	18	BK	16	DT 16 Socket NI
2	L Washdown SWT Signal	X121-4	108	GYBK	16	DT 16 Socket NI
3	Screened Up PWM	P411-1	46	GY	16	DT 16 Socket NI
4	L Conveyor REV PWM	P401-1	48	PK	16	DT 16 Socket NI
5	Hopper Open PWM	P406-1	51	BU	16	DT 16 Socket NI
6	Hopper Close PWM	P406-2	54	GN	16	DT 16 Socket NI
7						DT 16 Socket NI
8						DT 16 Socket NI
9						DT 16 Socket NI
10						DT 16 Socket NI
11						DT 16 Socket NI
12						DT 16 Socket NI

P1001
Ground Distribution A

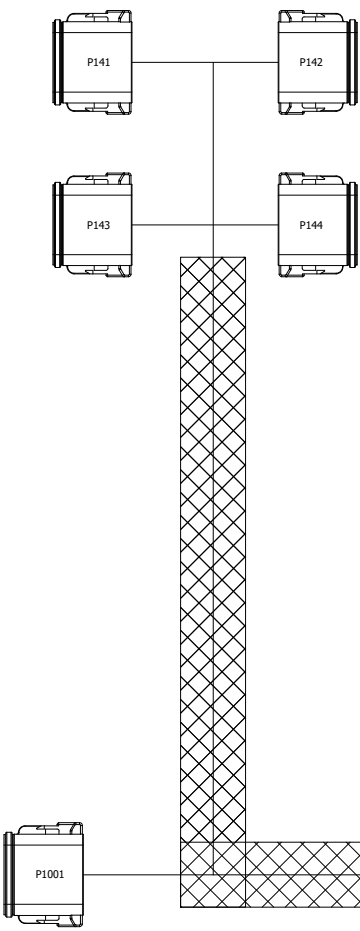
Pin	Signal	Dest.	#	Color	AWG	Termination
1	L PDM Sensor GND	P143-1	18	BK	16	DT 16 Socket NI
2	Screened GNDs	Y406	10	BK	16	DT 16 Socket NI
3	R Tow Point GNDs	Y405	11	BK	16	DT 16 Socket NI
4	L Tow Point GNDs	Y404	12	BK	16	DT 16 Socket NI
5	Hopper GNDs	Y403	13	BK	16	DT 16 Socket NI
6	R Conveyor GNDs	Y402	15	BK	16	DT 16 Socket NI
7	L Conveyor GNDs	Y401	16	BK	16	DT 16 Socket NI
8	R PDM Addressing BR 0	P142-12	17	BK	16	DT 16 Socket NI
9	R PDM Sensor GND	P144-1	23	BK	16	DT 16 Socket NI
10	Washdown GND	X121-1	22	BK	16	DT 16 Socket NI
11	Washdown SWT GNDs	X121-3	24	WHBK	16	DT 16 Socket NI
12	Fuel Sender GND	X121-6	26	GY	16	DT 16 Socket NI

P142
Right PDM J4

Pin	Signal	Dest.	#	Color	AWG	Termination
1	R Tow Point PWM	P409-1	62	BLWH	16	DT 16 Socket NI
2	R Tow Point Up PWM	P410-1	64	WH	16	DT 16 Socket NI
3	R Auger FWD	X146-5	66	WH	16	DT 16 Socket NI
4	R Auger REV	X146-2	69	BN	16	DT 16 Socket NI
5	R Conveyor FWD PWM	P403-1	72	YE	16	DT 16 Socket NI
6		X121-8	356	YE	16	DT 16 Socket NI
7						DT 16 Socket NI
8						DT 16 Socket NI
9		X121-7	110	OG	16	DT 16 Socket NI
10						DT 16 Socket NI
11						DT 16 Socket NI
12	R PDM Addressing BR 0	P1001-8	17	BK	16	DT 16 Socket NI

P144
Right PDM J3

Pin	Signal	Dest.	#	Color	AWG	Termination
1	R PDM Sensor GND	P1001-9	23	BK	16	DT 16 Socket NI
2	R Washdown SWT Signal	X121-5	109	YBK	16	DT 16 Socket NI
3						DT 16 Socket NI
4	R Conveyor REV PWM	P403-2	49	VT	16	DT 16 Socket NI
5	Washdown PWMs	X121-2	52	BLWH	16	DT 16 Socket NI
6						DT 16 Socket NI
7						DT 16 Socket NI
8						DT 16 Socket NI
9						DT 16 Socket NI
10						DT 16 Socket NI
11						DT 16 Socket NI
12						DT 16 Socket NI



P411
Screened Up

Pin	Signal	Dest.	#	Color	AWG	Termination
1	Screened Up PWM	P413-2	46	GY	16	
2	Spliced Ground	Y406	10	BK	16	

P409
R Tow Point Down

Pin	Signal	Dest.	#	Color	AWG	Termination
1	R Tow Point PWM	P411-2	62	BLWH	16	
2	Spliced Ground	Y405	11	BK	16	

P407
L Tow Point Down

Pin	Signal	Dest.	#	Color	AWG	Termination
1	L Tow Point Down PWM	P141-1	61	BU	16	
2	Spliced Ground	Y404	12	BK	16	

P405
Hopper Open

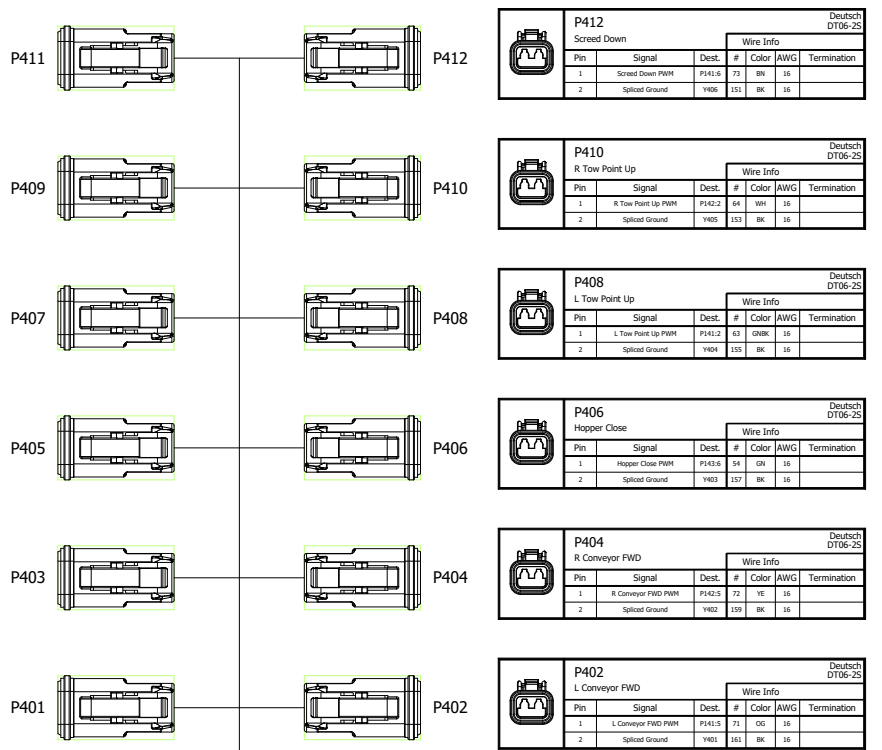
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Hopper Open PWM	P143-5	51	BU	16	
2	Spliced Ground	Y403	13	BK	16	

P403
R Conveyor REV

Pin	Signal	Dest.	#	Color	AWG	Termination
1	R Conveyor REV PWM	P144-4	49	VT	16	
2	Spliced Ground	Y402	15	BK	16	

P401
L Conveyor REV

Pin	Signal	Dest.	#	Color	AWG	Termination
1	L Conveyor REV PWM	P143-4	48	PK	16	
2	Spliced Ground	Y401	16	BK	16	



Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

Hydraulic Valve Stack Harness

CONTRACT:

LOCATION: P T WT HT2

Hydraulic Valve Stack Harness

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
			User data 1
			User data 2

REVISION
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SCHEME
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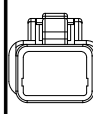
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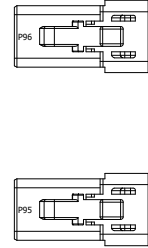
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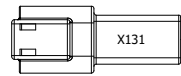
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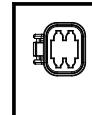
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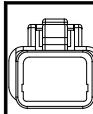
		P95 Left PDM J6		Deutsch DTP06-25		
		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Work Light PWM	Y11	98	PK	16	
2	Strobe PWM	P207:3	101	BN	16	

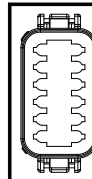


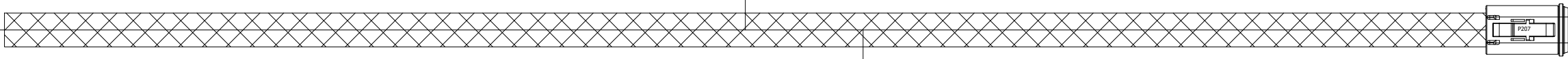
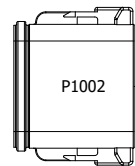
		X131 Screed Lighting & Backup Crossover		Deutsch DT04-2P		
		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Screed Worklights PWM	Y11	100	PK	16	DT 16 Pin Ni
2	Backup Alarm PWM	P96:2	102	OG	16	DT 16 Pin Ni



		P207 Tractor Lighting		Deutsch DT06-4S		
		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Strobe GND	P1002:1	30	BK	16	DT 16 Socket Ni
2		P1002:2	31	BK	16	DT 16 Socket Ni
3	Strobe PWM	P95:2	101	BN	16	DT 16 Socket Ni
4	Tractor Work Lights PWM	Y11	96	PK	16	DT 16 Socket Ni

		P96 Right PDM J6		Deutsch DTP06-25		
		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Horn PWM	FT2	99	GWWH	16	
2	Backup Alarm PWM	X131:2	102	OG	16	

		P1002 Ground Distribution B		Deutsch DT06-12S		
		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Strobe GND	P207:1	30	BK	16	DT 16 Socket Ni
2		P207:2	31	BK	16	DT 16 Socket Ni
3	Horn GND	FT3	32	BK	16	DT 16 Socket Ni
4						DT 16 Socket Ni
5						DT 16 Socket Ni
6						DT 16 Socket Ni
7						DT 16 Socket Ni
8						DT 16 Socket Ni
9						DT 16 Socket Ni
10						DT 16 Socket Ni
11						DT 16 Socket Ni
12						DT 16 Socket Ni



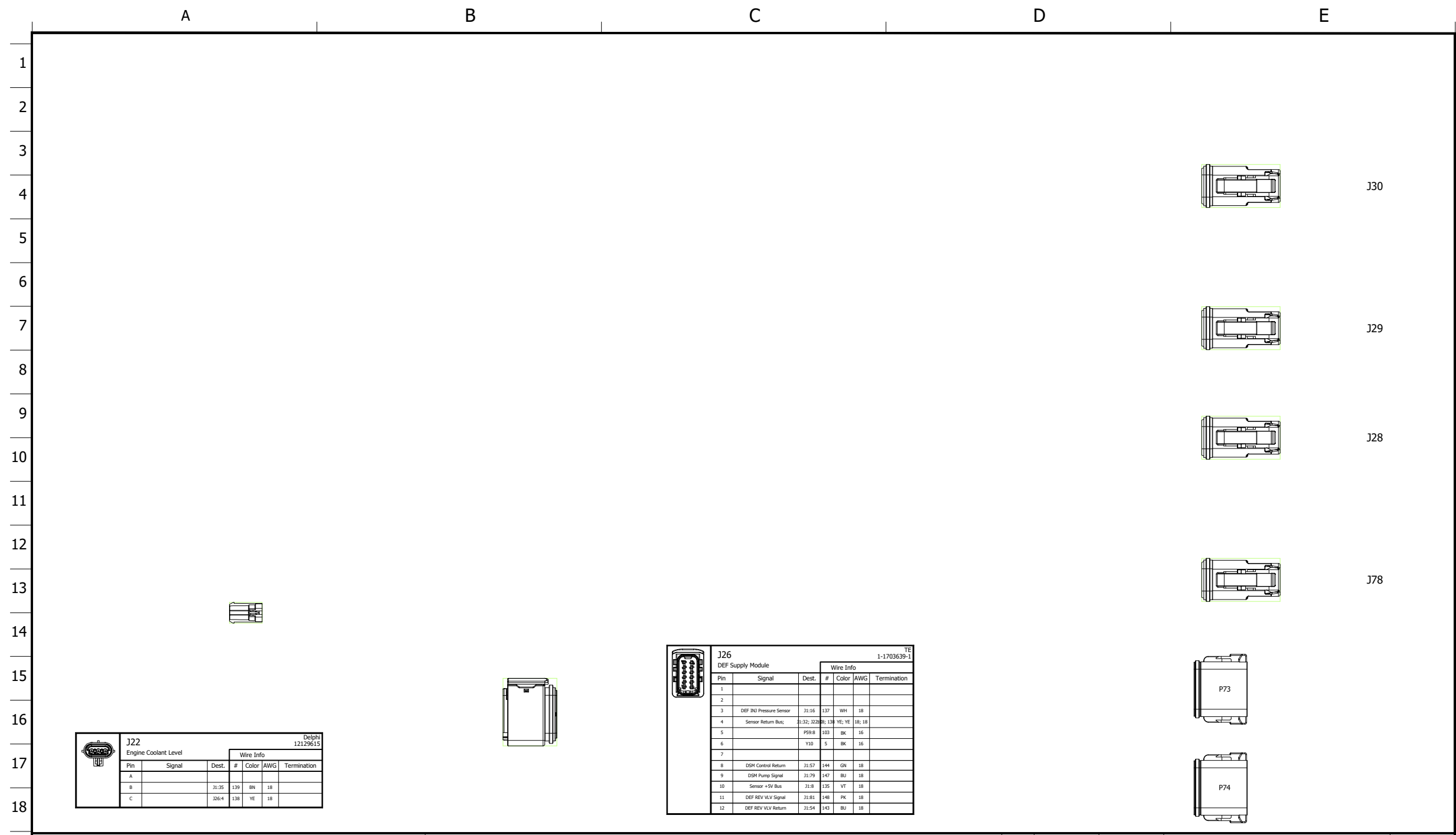
Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

Lighting and Signaling Harness

CONTRACT: LOCATION: P T WT HT6 Tractor Lighting and Signaling Harness

REV.	DATE	NAME	CHANGES
0	9/29/2021	lgibson	
User data 1			User data 2

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J22 Engine Coolant Level							Delphi 12123615			
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
A		J1:35	139	BN	18					
B		J26:4	138	YE	18					
C		J26:4	138	YE	18					

J26 DEF Supply Module							TE 1-1703639-1			
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
1										
2										
3	DEF INO Pressure Sensor	J1:56	137	WH	18					
4	Sensor Return Bus	J1:32; J2:28; 138	YE	18; 18; 18						
5		P59:8	103	BK	16					
6		Y10	5	BK	16					
7										
8	DSM Control Return	J1:57	144	GN	18					
9	DSM Pump Signal	J1:79	147	BU	18					
10	Sensor +5V Bus	J1:8	135	VT	18					
11	DEF REV VLV Signal	J1:81	148	PK	18					
12	DEF REV VLV Return	J1:54	143	BU	18					

J28 DEF Hose Pressure							Deutsch DT06-2S			
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
1		P59:1	88	GN	18					
2		P59:2	92	BN	18					


J29 DEF Hose Return							Deutsch DT06-2S			
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
1		P59:3	93	BU	18					
2		P59:4	94	BN	18					

J30 DEF Hose Suction							Deutsch DT06-7S			
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
1		P59:5	95	OG	18					
2		P59:6	97	BN	18					

J78 Water In Fuel							Deutsch DT06-2S			
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
1		J1:13	136	PK	18					
2		J1:62	145	BN	18					

P73 Aftertreatment Relay Box J2							Deutsch DT06-12S			
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
1		J1:76	56	GY	18	DT 16 Socket Ni				
2		J1:83	57	BN	18	DT 16 Socket Ni				
3		J1:3	59	GY	18	DT 16 Socket Ni				
4		J1:5	60	WH	18	DT 16 Socket Ni				
5		J1:38	140	GN	18	DT 16 Socket Ni				
6		J1:29	141	BU	18	DT 16 Socket Ni				
7		J1:40	142	OG	18	DT 16 Socket Ni				
8						DT 16 Socket Ni				
9		J1:7	67	BN	18	DT 16 Socket Ni				
10		J1:84	70	BN	18	DT 16 Socket Ni				
11		J1:85	149	BN	18	DT 16 Socket Ni				
12						DT 16 Socket Ni				

P74 Aftertreatment Relay Box J3							Deutsch DT06-12S			
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
1		J1:1	74	RD	16	DT 16 Socket Ni				
2		J1:25	75	RD	16	DT 16 Socket Ni				
3		J1:26	76	RD	16	DT 16 Socket Ni				
4		J1:27	77	RD	16	DT 16 Socket Ni				
5		J1:28	78	RD	16	DT 16 Socket Ni				
6		J1:49	79	BK	16	DT 16 Socket Ni				
7		J1:50	82	BK	16	DT 16 Socket Ni				
8		J1:51	83	BK	16	DT 16 Socket Ni				
9		J1:52	84	BK	16	DT 16 Socket Ni				
10		J1:73	85	BK	16	DT 16 Socket Ni				
11						DT 16 Socket Ni				
12						DT 16 Socket Ni				

	Calder Brothers Corporation 450 E Warehouse Ct Taylors, SC 29687	Aftertreatment Control Harness			REVISION	0	
					0 10/7/2021 lgibson	SCHEME	25
					REV. DATE NAME CHANGES User data 1 User data 2		
CONTRACT:	LOCATION: P T EB AFT1	Aftertreatment Control Harness					

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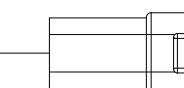
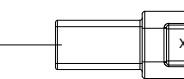
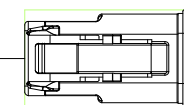
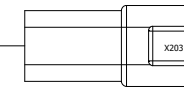
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X203							Deutsch DT04-4P
L Washdown							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Spliced GND	Y13	105	WHBK	16	DT 16 Pin Ni	
2	L Washdown SWT Light PWM	Y121	106	BUWH	16	DT 16 Pin Ni	
3	L Washdown SWT	P121:4	108	GYBK	16	DT 16 Pin Ni	
4	Spliced GND	Y13	351	WHBK	16	DT 16 Pin Ni	



P121							Deutsch DT06-12S
Washdown Crossover							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Washdown GND	X201:2	22	BK	16	DT 16 Socket Ni	
2	Washdown PWM	Y121	52	BUWH	16	DT 16 Socket Ni	
3	Washdown SWT GNDs	Y122	24	WHBK	16	DT 16 Socket Ni	
4	L Washdown SWT	X203:3	108	GYBK	16	DT 16 Socket Ni	
5	R Washdown SWT Signal	X204:3	109	YEBK	16	DT 16 Socket Ni	
6	Fuel Sender GND	P202:1	26	GY	16	DT 16 Socket Ni	
7	Fuel Sender	P202:2	110	OG	16	DT 16 Socket Ni	
8		P8:1	356	YE	16	DT 16 Socket Ni	
9		P8:2	7	BK	16	DT 16 Socket Ni	
10						DT 16 Socket Ni	
11						DT 16 Socket Ni	
12						DT 16 Socket Ni	



P202							Deutsch DT06-2S
Fuel Sender							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Fuel Sender GND	P121:6	26	GY	16		
2	Fuel Sender	P121:7	110	OG	16		

X201							Deutsch DT04-2P
Washdown Pump							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Washdown PWM	Y121	104	BUWH	16	DT 16 Pin Ni	
2	Washdown GND	P121:1	22	BK	16	DT 16 Pin Ni	

X204							Deutsch DT04-4P
R Washdown							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Spliced GND	Y18	353	WHBK	16	DT 16 Pin Ni	
2	R Washdown SWT Light PWM	Y121	107	BUWH	16	DT 16 Pin Ni	
3	R Washdown SWT Signal	P121:5	109	YEBK	16	DT 16 Pin Ni	
4		Y18	354	WHBK	16	DT 16 Pin Ni	



Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

Washdown and Fuel Harness

CONTRACT:

LOCATION: P T WT HT5

Washdown and Fuel Harness

User data 1

User data 2

0	1/27/2022	Igibson
REV.	DATE	NAME

CHANGES

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P146 Augers Crossover							Deutsch DT06-8S		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
1	R Auger FWD	X600:21	66	WH	16	DT 16 Socket Ni			
2	R Auger REV	X600:22	69	BN	16	DT 16 Socket Ni			
3	L Auger REV	X600:25	68	GN	16	DT 16 Socket Ni			
4	L Auger FWD	X600:26	65	PK	16	DT 16 Socket Ni			
5						DT 16 Socket Ni			
6						DT 16 Socket Ni			
7						DT 16 Socket Ni			
8						DT 16 Socket Ni			

X1 Aftertreatment Power Crossover							Deutsch DT04-6P		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
1	Dedicated Controller Ground	X600:6	29	BK	16	DT 16 Pin Ni			
2	Control Umbilical Controller +12V	X600:5	21	RD	16	DT 16 Pin Ni			
3	Keyswitch Accessory	X600:9	37	OG	16	DT 16 Pin Ni			
4	E-STOP Ground Interrupt	X600:10	14	GYBK	16	DT 16 Pin Ni			
5						DT 16 Pin Ni			
6						DT 16 Pin Ni			

P131 Scedd Lighting & Backup Crossover							Deutsch DT06-2S		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
1	Scedd Worklights PWM	X600:17	100	PK	16				
2	Backup Alarm PWM	X600:19	102	OG	16				

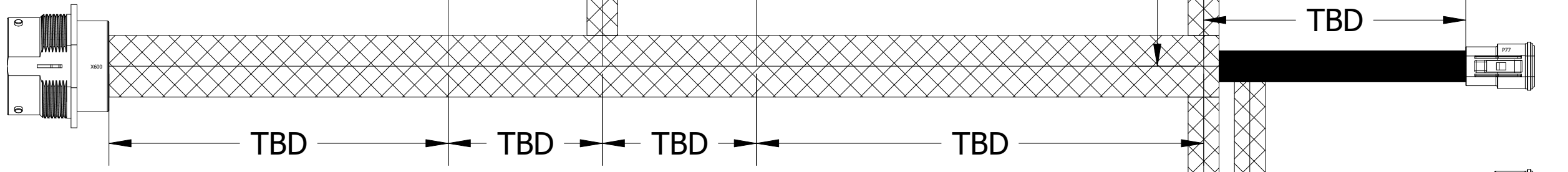
P87 Left PDM CAN							Deutsch DT06-3S		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
A	L PDM CAN HI	P90:12	90	YE	20				
C									

P90 Left PDM J5							Deutsch DT06-12S		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
1	L PDM CAN LO	P87:8	80	GN	20	DT 16 Socket Ni			
2	L Tow Point Up SWT Signal	X600:15	120	YEBK	16	DT 16 Socket Ni			
3	L Tow Point Down SWT Signal	X600:16	121	RDBK	16	DT 16 Socket Ni			
4						DT 16 Socket Ni			
5						DT 16 Socket Ni			
6						DT 16 Socket Ni			
7	L PDM +5V REF	X600:12	86	OGRD	16	DT 16 Socket Ni			
8						DT 16 Socket Ni			
9						DT 16 Socket Ni			
10						DT 16 Socket Ni			
11						DT 16 Socket Ni			
12	L PDM CAN HI	P87:A	90	YE	20	DT 16 Socket Ni			

P77 Control Umbilical CAN 1							Deutsch DT06-3S		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
A	Tractor CAN H	X600:18	122	YE	20				
C									

P91 Control Umbilical Starter Switch Signal							Deutsch DT06-2S		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
1	Keyswitch Ignition	X600:7	116	YE	16				
2	Keyswitch Start	X600:8	117	BU	16				

X600 Umbilical Control														Deutsch HD34-24-29SE			
Pin	Signal	Dest.	#	Color	AWG	Termination	Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info			
1	High Current ACC	P3:3	9	RD	12	DT 12 Socket Ni	19	Backup Alarm PWM	P131:2	102	OG	16	DT 16 Socket Ni				
2	Vibrator Supply	P3:4	25	RD	12	DT 12 Socket Ni	20	Tractor CAN L	P77:B	123	GN	20	DT 20 Socket Ni				
3	Control Umbilical High Current GND	P3:1	20	BK	12	DT 12 Socket Ni	21	R Auger FWD	P146:1	66	WH	16	DT 16 Socket Ni				
4	Scedd Vibrator GND	P3:2	27	BK	12	DT 12 Socket Ni	22	R Auger REV	P146:2	69	BN	16	DT 16 Socket Ni				
5	Control Umbilical Controller +12V	X1:2	21	RD	16	DT 16 Socket Ni	23						DT 20 Socket Ni				
6	Dedicated Controller Ground	X1:1	29	BK	16	DT 16 Socket Ni	24						DT 20 Socket Ni				
7	Keyswitch Ignition	P91:1	116	YE	16	DT 16 Socket Ni	25	L Auger REV	P146:3	68	GN	16	DT 16 Socket Ni				
8	Keyswitch Start	P91:2	117	BU	16	DT 16 Socket Ni	26	L Auger FWD	P146:4	65	PK	16	DT 16 Socket Ni				
9	Keyswitch Accessory	X1:3	37	OG	16	DT 16 Socket Ni	27						DT 20 Socket Ni				
10	E-STOP Ground Interrupt	X1:4	14	GYBK	16	DT 16 Socket Ni	28						DT 16 Socket Ni				
11	R PDM +5V REF	P93:7	87	VTRD	16	DT 16 Socket Ni	29						DT 20 Socket Ni				
12	L PDM +5V REF	P90:7	86	OGRD	16	DT 16 Socket Ni											
13	R Tow Point Down SWT Signal	P93:3	118	WHBK	16	DT 16 Socket Ni											
14	R Tow Point Up SWT Signal	P93:2	119	GYBK	16	DT 16 Socket Ni											
15	L Tow Point Up SWT Signal	P90:2	120	YEBK	16	DT 16 Socket Ni											
16	L Tow Point Down SWT Signal	P90:3	121	RDBK	16	DT 16 Socket Ni											
17	Scedd Worklights PWM	P131:1	100	PK	16	DT 16 Socket Ni											
18	Tractor CAN H	P77:A	122	YE	20	DT 20 Socket Ni											



P93 Right PDM J5							Deutsch DT06-12S		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
1	R PDM CAN LO	P79:8	81	GN	20	DT 16 Socket Ni			
2	R Tow Point Up SWT Signal	X600:14	119	GYBK	16	DT 16 Socket Ni			
3	R Tow Point Down SWT Signal	X600:13	118	WHBK	16	DT 16 Socket Ni			
4						DT 16 Socket Ni			
5						DT 16 Socket Ni			
6						DT 16 Socket Ni			
7	R PDM +5V REF	X600:11	87	VTRD	16	DT 16 Socket Ni			
8						DT 16 Socket Ni			
9						DT 16 Socket Ni			
10						DT 16 Socket Ni			
11						DT 16 Socket Ni			
12	R PDM CAN HI	P79:A	91	YE	20	DT 16 Socket Ni			

P79 Right PDM CAN							Deutsch DT06-3S		
Pin	Signal	Dest.	#	Color	AWG	Termination	Wire Info		
A	R PDM CAN HI	P93:12	91	YE	20				
C									



Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

Tractor Control Umbilical

CONTRACT:

LOCATION: P T WT HT3

Tractor Control Umbilical

REV.	DATE	NAME	CHANGES
0	1/27/2022	Igibson	
User data 1			User data 2

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NOTE LENGTHS NOT TO SCALE

X605		Deutsch DT04-2P					
Left Worklights		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Spliced Ground	Y9	162	BK	16	DT 16 Pin Ni	
2	Screed Work Lights PWM	Y8	163	PK	16	DT 16 Pin Ni	

X606		Deutsch DT04-2P					
Right Work Light		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Spliced Ground	Y9	165	BK	16	DT 16 Pin Ni	
2	Screed Work Lights PWM	Y8	164	PK	16	DT 16 Pin Ni	

X705		Deutsch DTP04-4P					
Screed Power		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Screed Vibrator GND	P25:1	27	BK	12		
2	Fused Backbone ACC	FB1:BUS	9	RD	12		
3	Vibrator Supply	X11:30	20	RD	12		
4							

X602		Deutsch DT04-4P					
Auger Crossover		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	R Auger FWD PWM	P600:21	66	WH	16	DT 16 Pin Ni	
2	R Auger REV PWM	P600:22	69	BN	16	DT 16 Pin Ni	
3	L Auger REV PWM	P600:25	68	GN	16	DT 16 Pin Ni	
4	L Auger FWD PWM	P600:26	65	PK	16	DT 16 Pin Ni	

P711		Deutsch DT06-3S					
Tractor Can Crossover		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
A	Umbilical CAN1 HI	P600:18	122	YE	20		
B	Control Umbilical CAN1 LO	P600:20	123	GN	20		
C							

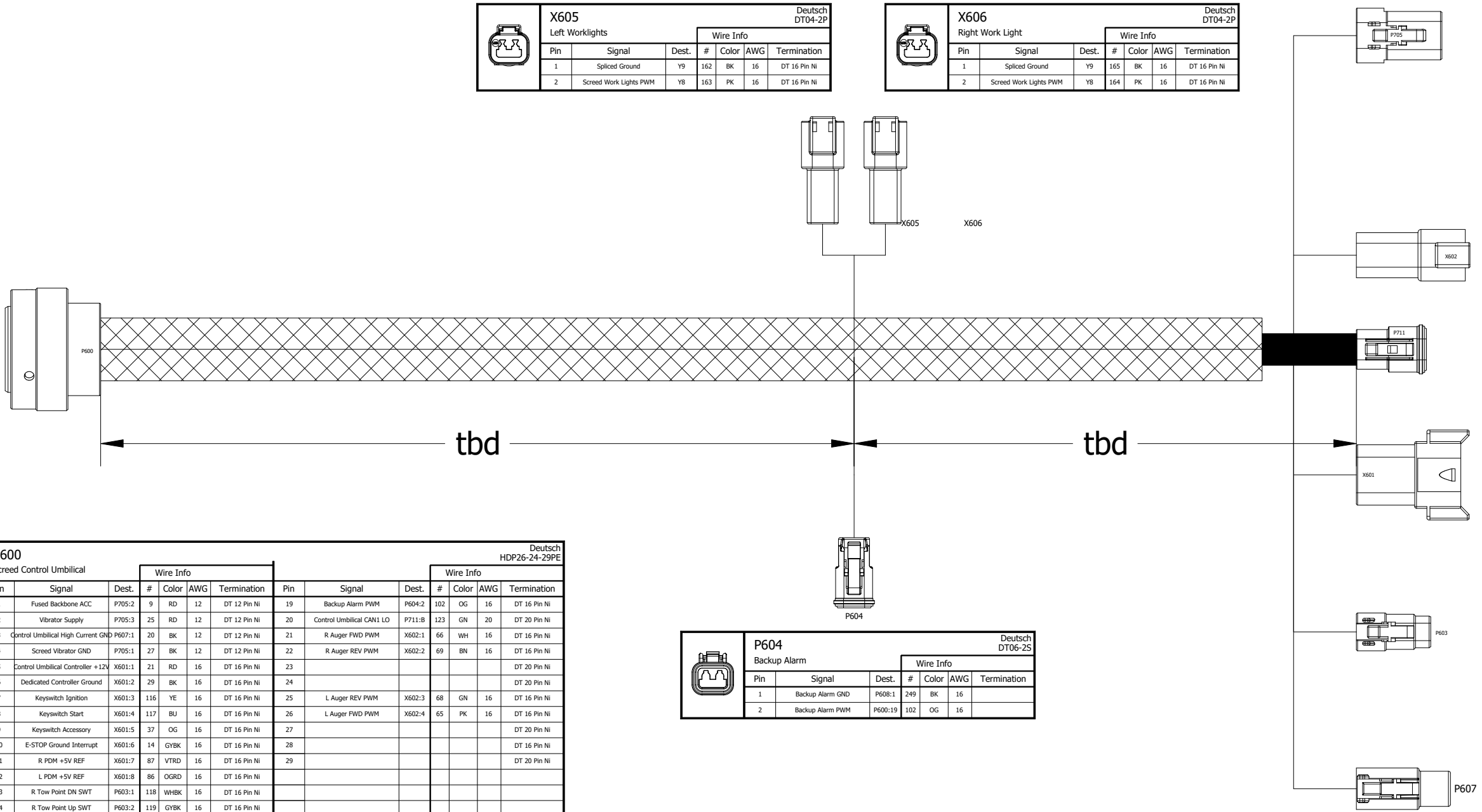
X601		Deutsch DT04-8P					
Operator Station Power		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Control Umbilical Controller +12V	P600:5	21	RD	16	DT 16 Pin Ni	
2	Dedicated Controller Ground	P600:6	29	BK	16	DT 16 Pin Ni	
3	Keyswitch Ignition	P600:7	116	YE	16	DT 16 Pin Ni	
4	Keyswitch Start	P600:8	117	BU	16	DT 16 Pin Ni	
5	Keyswitch Accessory	P600:9	37	OG	16	DT 16 Pin Ni	
6	E-STOP Ground Interrupt	P600:10	14	GYBK	16	DT 16 Pin Ni	
7	R PDM +SV REF	P600:11	87	VTRD	16	DT 16 Pin Ni	
8	L PDM +SV REF	P600:12	86	OGRD	16	DT 16 Pin Ni	

P603		Deutsch DTM06-4S					
Tow Point SWT Signals		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	R Tow Point DN SWT	P600:13	118	WHBK	16	DT 20 Socket Ni	
2	R Tow Point Up SWT	P600:14	119	GYBK	16	DT 20 Socket Ni	
3	L Tow Point Up SWT	P600:15	120	YEBK	16	DT 20 Socket Ni	
4	L Tow Point DN SWT	P600:16	121	RDBK	16	DT 20 Socket Ni	

P607		Deutsch DTHD06-1-8S					
Ground Power Distribution Block		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Control Umbilical High Current GND	P600:3	25	BK	12		

P600		Deutsch HDP26-24-29PE											
Screed Control Umbilical		Wire Info						Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	Pin	Signal	Dest.	#	Color	AWG	Termination
1	Fused Backbone ACC	P705:2	9	RD	12	DT 12 Pin Ni	19	Backup Alarm PWM	P604:2	102	OG	16	DT 16 Pin Ni
2	Vibrator Supply	P705:3	25	RD	12	DT 12 Pin Ni	20	Control Umbilical CAN1 LO	P711:8	123	GN	20	DT 20 Pin Ni
3	Control Umbilical High Current GND	P607:1	20	BK	12	DT 12 Pin Ni	21	R Auger FWD PWM	X602:1	66	WH	16	DT 16 Pin Ni
4	Screed Vibrator GND	P705:1	27	BK	12	DT 12 Pin Ni	22	R Auger REV PWM	X602:2	69	BN	16	DT 16 Pin Ni
5	Control Umbilical Controller +12V	X601:1	21	RD	16	DT 16 Pin Ni	23					DT 20 Pin Ni	
6	Dedicated Controller Ground	X601:2	29	BK	16	DT 16 Pin Ni	24					DT 20 Pin Ni	
7	Keyswitch Ignition	X601:3	116	YE	16	DT 16 Pin Ni	25	L Auger REV PWM	X602:3	68	GN	16	DT 16 Pin Ni
8	Keyswitch Start	X601:4	117	BU	16	DT 16 Pin Ni	26	L Auger FWD PWM	X602:4	65	PK	16	DT 16 Pin Ni
9	Keyswitch Accessory	X601:5	37	OG	16	DT 16 Pin Ni	27					DT 20 Pin Ni	
10	E-STOP Ground Interrupt	X601:6	14	GYBK	16	DT 16 Pin Ni	28					DT 16 Pin Ni	
11	R PDM +SV REF	X601:7	87	VTRD	16	DT 16 Pin Ni	29					DT 20 Pin Ni	
12	L PDM +SV REF	X601:8	86	OGRD	16	DT 16 Pin Ni							
13	R Tow Point DN SWT	P603:1	118	WHBK	16	DT 16 Pin Ni							
14	R Tow Point Up SWT	P603:2	119	GYBK	16	DT 16 Pin Ni							
15	L Tow Point Up SWT	P603:3	120	YEBK	16	DT 16 Pin Ni							
16	L Tow Point DN SWT	P603:4	121	RDBK	16	DT 16 Pin Ni							
17	Screed Worklights PWM	Y8	100	PK	16	DT 16 Pin Ni							
18	Umbilical CAN1 HI	P711:A	122	YE	20	DT 20 Pin Ni							

P604		Deutsch DT06-2S					
Backup Alarm		Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Backup Alarm GND	P608:1	249	BK	16		
2	Backup Alarm PWM	P600:19	102	OG	16		



Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

Screed Control Umbilical

CONTRACT:

LOCATION: P S WS HS1

Screed Control Umbilical

REV.	DATE	NAME	CHANGES	REVISION
0	1/28/2022	Igibson		0
			User data 1	SCHEME
			User data 2	33

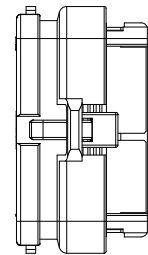
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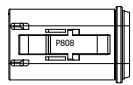
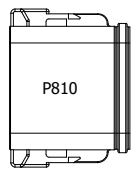


P807
Right Operator PV485

Wire Info						Wire Info							
Pin	Signal	Dest.	#	Color	AWG	Termination	Pin	Signal	Dest.	#	Color	AWG	Termination
1		X850:3	L2-2	GN	20		19	R Joystick Signal	P809:3	283	BU	18	
2		X850:2	L1-2	WH	20		20	L EXT RTD Signal	X899:16	277	OG	16	
3	L EXT Heater Zone Signal	X899:13	255	PK	16		21	PV485 Sensor GND	P810:6	315	WH	16	
4							22						
5							23						
6							24						
7	Work Lights SWT	SW820:3	304	VT	16		25		X850:4	L3-2		20	
8	L Joystick Signal	P808:3	282	BN	18		26		P854:2	316	YE	20	
9	R EXT RTD Signal	X899:14	257	BN	16		27		P854:1	329	OG	16	
10							28	Crosslink +12V	Y22	317	RD	16	
11							29	Splitter GND	P854:3	328	BK	16	
12							30	Crosslink +12V	Y22	318	RD	16	
13		X850:5	N-2	RD	20		31						
14		P854:4	314	GN	20		32						
15	R EXT Heater Zone Signal	X899:15	248	VT	16		33						
16							34						
17							35						
18													

P810
Right Operator Signal Ground Bus

Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
1	R Joystick GND	P809:2	279	BK	16	DT 16 Socket Ni
2	L Joystick GND	P808:2	278	BK	16	DT 16 Socket Ni
3	Crosslink Sensor GND	X899:2	244	BK	16	DT 16 Socket Ni
4	CXM6-4 Sensor GND	P803:4	326	BK	16	DT 16 Socket Ni
5	CXM6-2 Sensor GND	P801:4	330	BK	16	DT 16 Socket Ni
6	PV485 Sensor GND	P807:21	315	WH	16	DT 16 Socket Ni
7	Heater Extension Sensor GND	X899:17	259	WH	16	DT 16 Socket Ni
8						DT 16 Socket Ni
9						DT 16 Socket Ni
10						DT 16 Socket Ni
11						DT 16 Socket Ni
12						DT 16 Socket Ni

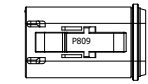


P808
Left Joystick Plug

Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
1	R PDM +5V REF	Y16	321	VT	18	DT 16 Socket Ni
2	L Joystick GND	P810:2	278	BK	16	DT 16 Socket Ni
3	L Joystick Signal	P807:8	282	BN	18	DT 16 Socket Ni
4						DT 16 Socket Ni

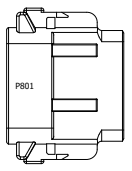
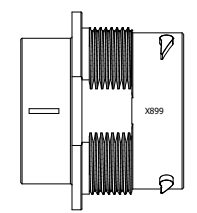
P809
Left Joystick Plug

Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
1	R PDM +5V REF	Y16	327	VT	18	DT 16 Socket Ni
2	R Joystick GND	P810:1	279	BK	16	DT 16 Socket Ni
3	R Joystick Signal	P807:19	283	BU	18	DT 16 Socket Ni
4						DT 16 Socket Ni



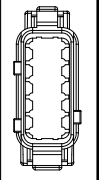
X899
Right Operator Crosslink

Wire Info						Wire Info							
Pin	Signal	Dest.	#	Color	AWG	Termination	Pin	Signal	Dest.	#	Color	AWG	Termination
1	Crosslink Controller +12V	Y22	242	RD	16	DT 16 Socket Ni	19	L EXT Retract SWT	SW801:1	234	YE	16	DT 16 Socket Ni
2	Crosslink Sensor GND	P810:3	21	BK	16	DT 16 Socket Ni	20	R EXT Retract SWT	SW804:1	239	BN	16	DT 16 Socket Ni
3	Control +12V	STOP2	244	RD	16	DT 16 Socket Ni	21	R EXT Extend SWT	SW804:3	238	YE	16	DT 16 Socket Ni
4	E-STOP'd +12V	STOP2	246	RD	16	DT 16 Socket Ni	22	R Match Height DN SWT	SW803:1	201	GY	16	DT 16 Socket Ni
5	Crosslink ESTOP Interrupt	STOP2	209	GYBK	16	DT 16 Socket Ni	23	R Match Height Up SWT	SW803:3	204	WH	16	DT 16 Socket Ni
6	R PDM +5V REF	Y16	87	VT	16	DT 16 Socket Ni	24	L Match Height DN SWT	SW802:1	200	VT	16	DT 16 Socket Ni
7	Splitter CAN1 Hi	P850:2	218	YE	20	DT 16 Socket Ni	25	L Match Height Up SWT	SW802:3	203	OG	16	DT 16 Socket Ni
8	Splitter CAN Lo	P850:4	218	GN	20	DT 16 Socket Ni	26	L Tow Point DN SWT	SW805:1	121	GY	18	DT 16 Socket Ni
9	Splitter GND	P850:3	224	BK	16	DT 16 Socket Ni	27	L Tow Point Up SWT	SW805:3	120	VT	18	DT 16 Socket Ni
10	Splitter ACC	P850:1	227	OG	16	DT 16 Socket Ni	28	R Tow Point DN SWT	SW806:1	118	BU	18	DT 16 Socket Ni
11	SWT Bank Fused ACC	SW804:2	254	OG	16	DT 16 Socket Ni	29	R Tow Point Up SWT	SW806:3	119	OG	18	DT 16 Socket Ni
12	GROUND	STOP2	253	BK	16	DT 16 Socket Ni	30	R Slope Diverter SWT	SW827:5	275	GY	16	DT 16 Socket Ni
13	L EXT Heater Zone Signal	P807:3	255	PK	16	DT 16 Socket Ni	31						DT 16 Socket Ni
14	R EXT RTD Signal	P807:9	257	BN	16	DT 16 Socket Ni							
15	R EXT Heater Zone Signal	P807:15	248	VT	16	DT 16 Socket Ni							
16	L EXT RTD Signal	P807:20	277	OG	16	DT 16 Socket Ni							
17	Heater Extension Sensor GND	P810:7	259	WH	16	DT 16 Socket Ni							
18	L EXT Extend SWT	SW801:3	237	PK	16	DT 16 Socket Ni							



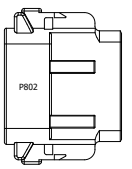
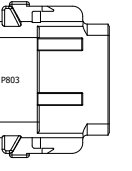
P801
CXM6-2 Gray

Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
1	CXM6-2 CAN Hi	P852:2	319	YE	20	DT 20 Socket Ni
2	CXM6-2 CAN Lo	P852:4	319	GN	20	DT 20 Socket Ni
3						DT 20 Socket Ni
4	CXM6-2 Sensor GND	P810:5	330	BK	16	DT 20 Socket Ni
5	Splitter GND	P852:3	322	BK	16	DT 20 Socket Ni
6	Splitter ACC	P852:1	324	OG	16	DT 20 Socket Ni
7						DT 20 Socket Ni
8						DT 20 Socket Ni
9	Hopper SWT Close	SW807:1	285	WH	18	DT 20 Socket Ni
10	Hopper SWT Open	SW807:3	291	VT	18	DT 20 Socket Ni
11	Screed Position SWT Lift	SW808:1	286	BN	18	DT 20 Socket Ni
12	Screed Position SWT Float	SW808:3	292	PK	18	DT 20 Socket Ni



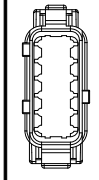
P803
CXM6-4 Gray

Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
1	CXM6-4 CAN Hi	P853:2	357	YE	20	DT 20 Socket Ni
2	CXM6-4 CAN Lo	P853:4	357	GN	20	DT 20 Socket Ni
3						DT 20 Socket Ni
4	CXM6-4 Sensor GND	P810:4	326	BK	16	DT 20 Socket Ni
5	Splitter GND	P853:3	323	BK	16	DT 20 Socket Ni
6	Splitter ACC	P853:1	325	OG	16	DT 20 Socket Ni
7	Active Station SWT	SW821:1	299	GY	18	DT 20 Socket Ni
8						DT 20 Socket Ni
9						DT 20 Socket Ni
10	Horn SWT	SW809:1	287	VT	18	DT 20 Socket Ni
11						DT 20 Socket Ni
12	Strobe SWT	SW824:1	310	BU	18	DT 20 Socket Ni



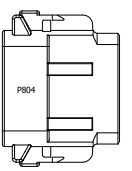
P802
CXM6-2 Black

Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
1						DT 20 Socket Ni
2						DT 20 Socket Ni
3						DT 20 Socket Ni
4						DT 20 Socket Ni
5	R Auger Mode SWT Auto	SW819:3	303	OG	18	DT 20 Socket Ni
6	R Auger Direction SWT FWD	SW818:1	302	WH	18	DT 20 Socket Ni
7	R Auger Direction SWT REV	SW818:3	307	GN	18	DT 20 Socket Ni
8	L Auger Mode SWT Auto	SW816:3	305	BUBK	18	DT 20 Socket Ni
9	L Auger Direction SWT FWD	SW817:1	301	BU	18	DT 20 Socket Ni
10	L Auger Direction SWT REV	SW817:3	306	GN	18	DT 20 Socket Ni
11	R Conveyor Mode SWT Auto	SW815:3	297	PK	18	DT 20 Socket Ni
12	R Conveyor Mode SWT Manual	SW815:1	295	YE	18	DT 20 Socket Ni



P804
CXM6-4 Black

Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Throttle SWT (+)	SW825:3	312	PK	18	DT 20 Socket Ni
2	Throttle SWT (-)	SW825:1	311	BU	18	DT 20 Socket Ni
3	Engine Speed SWT	SW810:1	288	BUBK	18	DT 20 Socket Ni
4	Vibrator SWT	SW822:1	308	BN	18	DT 20 Socket Ni
5	Travel Speed SWT	SW811:1	289	GNPK	18	DT 20 Socket Ni
6	Pause SWT	SW812:1	290	GY	18	DT 20 Socket Ni
7	Conveyor Direction SWT	SW814:1	294	BN	18	DT 20 Socket Ni
8	L Conveyor Mode SWT Auto	SW813:3	296	OG	18	DT 20 Socket Ni
9	L Conveyor Mode SWT Manual	SW813:1	293	WH	18	DT 20 Socket Ni
10	Heaters SWT	SW823:1	309	GN	18	DT 20 Socket Ni
11						DT 20 Socket Ni
12						DT 20 Socket Ni



Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

R Operator Station

CONTRACT:

LOCATION: P S SM OPR

R Operator Station

REV.	DATE	NAME	CHANGES
0	1/30/2022	Igibson	
User data 1			User data 2

REVISION
0
SCHEME
35

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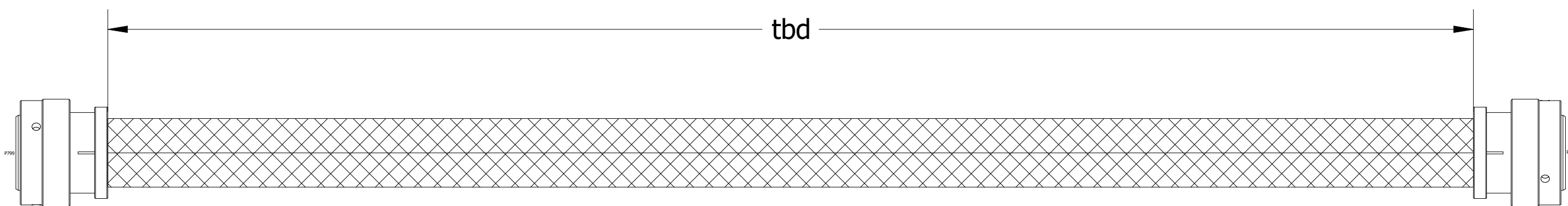
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P799										Deutsch HDP26-24-31PT-L017			
Left Operator Station Backbone				Wire Info				Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	Pin	Signal	Dest.	#	Color	AWG	Termination
1	Control Umbilical Controller +12V	P899:1	242	RD	16	DT 16 Pin Ni	19	L EXT Retract SWT	P899:19	234	YE	16	DT 16 Pin Ni
2	Dedicated Controller Ground	P899:2	21	BK	16	DT 16 Pin Ni	20	R EXT Retract SWT	P899:20	239	BN	16	DT 16 Pin Ni
3	Control +12V	P899:3	244	RD	16	DT 16 Pin Ni	21	R EXT Extend SWT	P899:21	238	YE	16	DT 16 Pin Ni
4	E-STOP'd +12V	P899:4	246	RD	16	DT 16 Pin Ni	22	R Match Height DN SWT	P899:22	201	GY	16	DT 16 Pin Ni
5	E-STOP Ground Interrupt	P899:5	209	GYBK	16	DT 16 Pin Ni	23	R Match Height Up SWT	P899:23	204	WH	16	DT 16 Pin Ni
6	R PDM +5V REF	P899:6	87	VTRD	16	DT 16 Pin Ni	24	L Match Height DN SWT	P899:24	200	VT	16	DT 16 Pin Ni
7	Splitter CAN1 Hi	P899:7	218	YE	20	DT 16 Pin Ni	25	L Match Height Up SWT	P899:25	203	OG	16	DT 16 Pin Ni
8	Splitter CAN Lo	P899:8	218	GN	20	DT 16 Pin Ni	26	L Tow Point DN SWT	P899:26	121	GY	18	DT 16 Pin Ni
9	Splitter GND	P899:9	224	BK	16	DT 16 Pin Ni	27	L Tow Point Up SWT	P899:27	120	VT	18	DT 16 Pin Ni
10	Splitter ACC	P899:10	227	OG	16	DT 16 Pin Ni	28	R Tow Point DN SWT	P899:28	118	BU	18	DT 16 Pin Ni
11	SWT Bank Fused ACC	P899:11	254	OG	16	DT 16 Pin Ni	29	R Tow Point Up SWT	P899:29	119	OG	18	DT 16 Pin Ni
12	GROUND	P899:12	253	BK	16	DT 16 Pin Ni	30	R Slope Diverter SWT	P899:30	275	GY	16	DT 16 Pin Ni
13	L EXT Heater Zone Signal	P899:13	255	PK	16	DT 16 Pin Ni	31					DT 16 Pin Ni	
14	R EXT RTD Signal	P899:14	257	BN	16	DT 16 Pin Ni							
15	R EXT Heater Zone Signal	P899:15	248	VT	16	DT 16 Pin Ni							
16	L EXT RTD Signal	P899:16	277	OG	16	DT 16 Pin Ni							
17	R Operator Station Sensor GND	P899:17	259	WH	16	DT 16 Pin Ni							
18	L EXT Extend SWT	P899:18	237	PK	16	DT 16 Pin Ni							

P899										Deutsch HDP26-24-31PT-L017			
Left Operator Station Backbone				Wire Info				Wire Info					
Pin	Signal	Dest.	#	Color	AWG	Termination	Pin	Signal	Dest.	#	Color	AWG	Termination
1	Control Umbilical Controller +12V	P799:1	242	RD	16	DT 16 Pin Ni	19	L EXT Retract SWT	P799:19	234	YE	16	DT 16 Pin Ni
2	Dedicated Controller Ground	P799:2	21	BK	16	DT 16 Pin Ni	20	R EXT Retract SWT	P799:20	239	BN	16	DT 16 Pin Ni
3	Control +12V	P799:3	244	RD	16	DT 16 Pin Ni	21	R EXT Extend SWT	P799:21	238	YE	16	DT 16 Pin Ni
4	E-STOP'd +12V	P799:4	246	RD	16	DT 16 Pin Ni	22	R Match Height DN SWT	P799:22	201	GY	16	DT 16 Pin Ni
5	E-STOP Ground Interrupt	P799:5	209	GYBK	16	DT 16 Pin Ni	23	R Match Height Up SWT	P799:23	204	WH	16	DT 16 Pin Ni
6	R PDM +5V REF	P799:6	87	VTRD	16	DT 16 Pin Ni	24	L Match Height DN SWT	P799:24	200	VT	16	DT 16 Pin Ni
7	Splitter CAN1 Hi	P799:7	218	YE	20	DT 16 Pin Ni	25	L Match Height Up SWT	P799:25	203	OG	16	DT 16 Pin Ni
8	Splitter CAN Lo	P799:8	218	GN	20	DT 16 Pin Ni	26	L Tow Point DN SWT	P799:26	121	GY	18	DT 16 Pin Ni
9	Splitter GND	P799:9	224	BK	16	DT 16 Pin Ni	27	L Tow Point Up SWT	P799:27	120	VT	18	DT 16 Pin Ni
10	Splitter ACC	P799:10	227	OG	16	DT 16 Pin Ni	28	R Tow Point DN SWT	P799:28	118	BU	18	DT 16 Pin Ni
11	SWT Bank Fused ACC	P799:11	254	OG	16	DT 16 Pin Ni	29	R Tow Point Up SWT	P799:29	119	OG	18	DT 16 Pin Ni
12	GROUND	P799:12	253	BK	16	DT 16 Pin Ni	30	R Slope Diverter SWT	P799:30	275	GY	16	DT 16 Pin Ni
13	L EXT Heater Zone Signal	P799:13	255	PK	16	DT 16 Pin Ni	31					DT 16 Pin Ni	
14	R EXT RTD Signal	P799:14	257	BN	16	DT 16 Pin Ni							
15	R EXT Heater Zone Signal	P799:15	248	VT	16	DT 16 Pin Ni							
16	L EXT RTD Signal	P799:16	277	OG	16	DT 16 Pin Ni							
17	R Operator Station Sensor GND	P799:17	259	WH	16	DT 16 Pin Ni							
18	L EXT Extend SWT	P799:18	237	PK	16	DT 16 Pin Ni							



Calder Brothers Corporation
450 E Warehouse Ct
Taylors, SC 29687

Operator Station Crosslink

CONTRACT:

LOCATION: P S WS HS3

Operator Station Crosslink

REV.	DATE	NAME	CHANGES
0	1/29/2022	Igibson	
User data 1			User data 2

REVISION
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SCHEME
36

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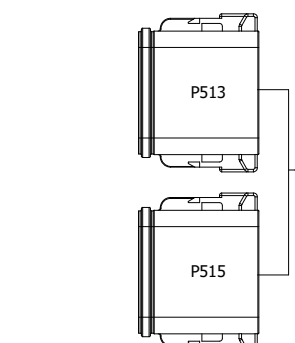
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P513							Deutsch DT06-12S	
Screed Valve Bank Standard Outputs							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1		P506:1	234	YE	16	DT 16 Socket Ni		
2		P505:1	237	PK	16	DT 16 Socket Ni		
3		P507:1	238	YE	16	DT 16 Socket Ni		
4		P508:1	239	BN	16	DT 16 Socket Ni		
5	R Match Height DN SWT	P504:1	201	GY	16	DT 16 Socket Ni		
6	R Match Height Up SWT	P503:1	204	WH	16	DT 16 Socket Ni		
7	L Match Height DN SWT	P502:1	200	VT	16	DT 16 Socket Ni		
8	L Match Height Up SWT	P501:1	203	OG	16	DT 16 Socket Ni		
9	L Auger FWD PWM	P509:1	65	PK	16	DT 16 Socket Ni		
10	L Auger REV PWM	P510:1	68	GN	16	DT 16 Socket Ni		
11	R Auger REV PWM	P512:1	69	BN	16	DT 16 Socket Ni		
12	R Auger REV PWM	P511:1	66	WH	16	DT 16 Socket Ni		



P515							Deutsch DT06-12S	
Ground Distribution B							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	L EXT GNDs	Y7	261	BK	16	DT 16 Socket Ni		
2	R EXT GNDs	Y6	262	BK	16	DT 16 Socket Ni		
3	L Circuit Select GNDs	Y5	263	BK	16	DT 16 Socket Ni		
4	R Circuit Select GNDs	Y4	265	BK	16	DT 16 Socket Ni		
5	L Auger GNDs	Y3	266	BK	16	DT 16 Socket Ni		
6	R Auger GNDs	Y2	268	BK	16	DT 16 Socket Ni		
7						DT 16 Socket Ni		
8						DT 16 Socket Ni		
9						DT 16 Socket Ni		
10						DT 16 Socket Ni		
11						DT 16 Socket Ni		
12						DT 16 Socket Ni		

P511							Deutsch DT06-2S	
R Auger FWD							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	R Auger REV PWM	P513:12	66	WH	16			
2	Spliced Ground	Y2	369	BK	16			

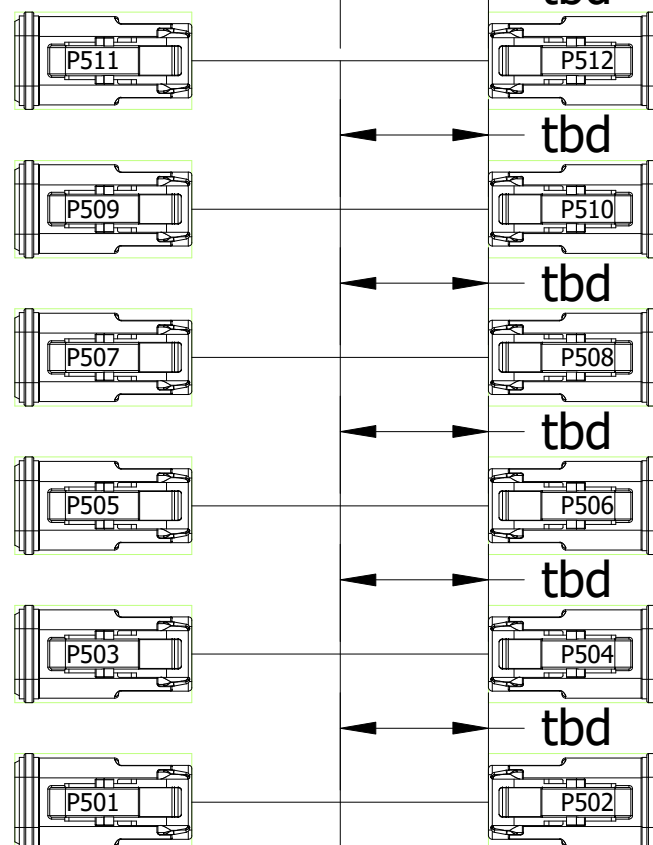
P509							Deutsch DT06-2S	
L Auger FWD							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	L Auger FWD PWM	P513:9	65	PK	16			
2	Spliced Ground	Y3	371	BK	16			

P507							Deutsch DT06-2S	
R Extension Retract							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1		P513:3	238	YE	16			
2	Spliced Ground	Y6	373	BK	16			

P505							Deutsch DT06-2S	
L Extension Retract							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1		P513:2	237	PK	16			
2	Spliced Ground	Y7	375	BK	16			

P503							Deutsch DT06-2S	
R Circuit Select Up							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	R Match Height Up SWT	P513:6	204	WH	16			
2	Spliced Ground	Y4	377	BK	16			

P501							Deutsch DT06-2S	
L Circuit Select Up							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	L Match Height Up SWT	P513:8	203	OG	16			
2	Spliced Ground	Y5	379	BK	16			



P512							Deutsch DT06-2S	
R Auger REV							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	R Auger REV PWM	P513:11	69	BN	16			
2	Spliced Ground	Y2	370	BK	16			

P510							Deutsch DT06-2S	
L Auger REV							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	L Auger REV PWM	P513:10	68	GN	16			
2	Spliced Ground	Y3	372	BK	16			

P508							Deutsch DT06-2S	
R Extension Extend							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1		P513:4	239	BN	16			
2	Spliced Ground	Y6	374	BK	16			

P506							Deutsch DT06-2S	
L Extension Extend							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1		P513:1	234	YE	16			
2	Spliced Ground	Y7	376	BK	16			

P504							Deutsch DT06-2S	
R Circuit Select DN							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	R Match Height DN SWT	P513:5	201	GY	16			
2	Spliced Ground	Y4	378	BK	16			

P502							Deutsch DT06-2S	
L Circuit Select DN							Wire Info	
Pin	Signal	Dest.	#	Color	AWG	Termination		
1	L Match Height DN SWT	P513:7	200	VT	16			
2	Spliced Ground	Y5	380	BK	16			



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Screed Standard Valve Stack

CONTRACT: LOCATION: P S WS HS4 Screed Standard Valve Stack

REV.	DATE	NAME	CHANGES	REVISION
0	1/28/2022	Igibson		0
			User data 1	SCHEME
			User data 2	37

A

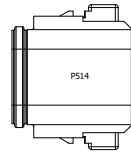
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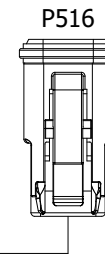
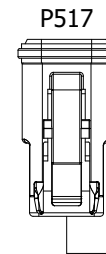
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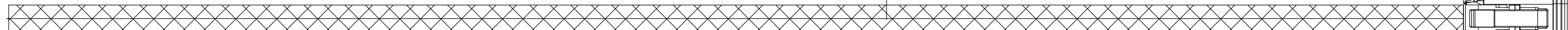
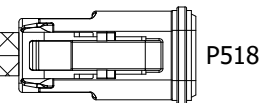
P514							Deutsch DT06-8S
Diverter Valve Option							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Ground	P516:1	217	BK	16	DT 16 Socket NI	
2	Ground	P517:1	220	BK	16	DT 16 Socket NI	
3	Ground	P518:1	222	BK	16	DT 16 Socket NI	
4						DT 16 Socket NI	
5	L Diverter A SWT	P516:2	228	BN	16	DT 16 Socket NI	
6	L Diverter B SWT	P517:2	229	GN	16	DT 16 Socket NI	
7	R Diverter SWT	P518:2	230	GY	16	DT 16 Socket NI	
8						DT 16 Socket NI	

P516							Deutsch DT06-2S
L Circuit Selector A							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Ground	P514:1	217	BK	16		
2	L Diverter A SWT	P514:5	228	BN	16		



P517							Deutsch DT06-2S
L Circuit Selector B							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Ground	P514:2	220	BK	16		
2	L Diverter B SWT	P514:6	229	GN	16		

P518							Deutsch DT06-2S
R Circuit Selector							Wire Info
Pin	Signal	Dest.	#	Color	AWG	Termination	
1	Ground	P514:3	222	BK	16		
2	R Diverter SWT	P514:7	230	GY	16		



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Diverter Valve Option

CONTRACT:

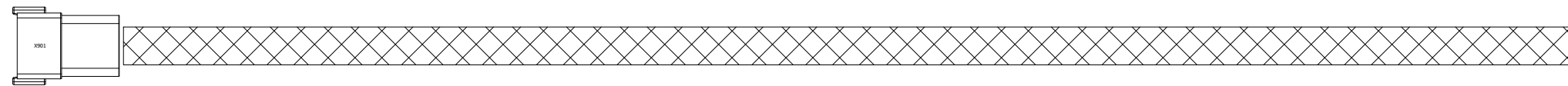
LOCATION: P S WS HS5

Diverter Valve Option

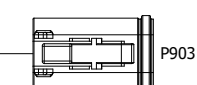
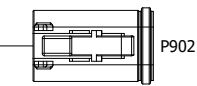
REV.	DATE	NAME	CHANGES
0	1/30/2022	lgibson	
User data 1			User data 2

REVISION
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SCHEME
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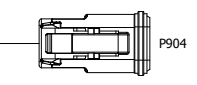
NOTE LENGTHS NOT TO SCALE



P902		Deutsch DT06-6S				
Left Operator Station Heat Control		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Main Heater Zone A Signal	X901:1	247	BU	16	DT 16 Socket NI
2						DT 16 Socket NI
3	Main Heater Zone B Signal	X901:3	206	GY	16	DT 16 Socket NI
4	Main Heater RTD Signal	X901:2	260	GN	16	DT 16 Socket NI
5	Heater Main Sensor GND	X901:4	198	WH	16	DT 16 Socket NI
6	Spliced Fused ACC	Y19	348	OG	16	DT 16 Socket NI



P903		Deutsch DT06-6S				
Right Operator Station Heat Control		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	L EXT Heater Zone Signal	X901:5	255	PK	16	DT 16 Socket NI
2	R EXT RTD Signal	X901:6	257	BN	16	DT 16 Socket NI
3	R EXT Heater Zone Signal	X901:7	248	VT	16	DT 16 Socket NI
4	L EXT RTD Signal	X901:8	277	OG	16	DT 16 Socket NI
5	R Operator Station Sensor GND	X901:9	259	WH	16	DT 16 Socket NI
6						DT 16 Socket NI



P904		Deutsch DT06-2S				
USB Charger		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Power Ground	X901:10	251	BK	16	DT 16 Socket NI
2	Fused ACC	Y19	343	OG	16	DT 16 Socket NI

X901		Deutsch DT04-12P				
Heater Control		Wire Info				
Pin	Signal	Dest.	#	Color	AWG	Termination
1	Main Heater Zone A Signal	P902:1	247	BU	16	DT 16 Pin NI
2	Main Heater RTD Signal	P902:4	260	GN	16	DT 16 Pin NI
3	Main Heater Zone B Signal	P902:3	206	GY	16	DT 16 Pin NI
4	Heater Main Sensor GND	P902:5	198	WH	16	DT 16 Pin NI
5	L EXT Heater Zone Signal	P903:1	255	PK	16	DT 16 Pin NI
6	R EXT RTD Signal	P903:2	257	BN	16	DT 16 Pin NI
7	R EXT Heater Zone Signal	P903:3	248	VT	16	DT 16 Pin NI
8	L EXT RTD Signal	P903:4	277	OG	16	DT 16 Pin NI
9	R Operator Station Sensor GND	P903:5	259	WH	16	DT 16 Pin NI
10	Power Ground	P904:1	251	BK	16	DT 16 Pin NI
11	Fused ACC	Y19	272	OG	16	DT 16 Pin NI
12						DT 16 Pin NI



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Heater Control

CONTRACT:

LOCATION: P S WS HS6

Heater Control

REV.	DATE	NAME	CHANGES
0	1/30/2022	Igibson	
User data 1			User data 2

REVISION

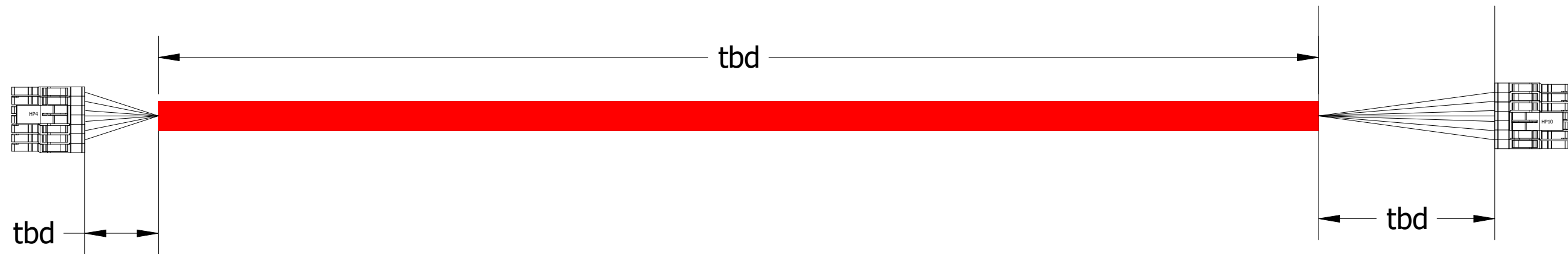
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SCHEME

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NOTE LENGTHS NOT TO SCALE

HP10						
Right Extension Harness Plug, Resistor						Calder Brothers 020-421292
Pin	Signal	Dest.	#	Color	AWG	Termination
RTD (+)	Right Extension RTD (+)	HP4:RTD (+)	339	BN	16	Black Ferrule
RTD (-)	Right Extension RTD (-)	HP4:RTD (-)	344	WH	16	Black Ferrule
PE	Protective Ground	HP4:PE	PE	GNYE	16	Black Ferrule
N	R Extension Neutral	HP4:N	N-29	GY	16	Black Ferrule
L1	R Extension L1	HP4:L1	1-29	BK	16	Black Ferrule
L2	R Extension L2	HP4:L2	2-29	BU	16	Black Ferrule
L3	R Extension L3	HP4:L3	3-29	BN	16	Black Ferrule



HP4						
Right Extension Harness Plug, Resistor						Calder Brothers 020-421292
Pin	Signal	Dest.	#	Color	AWG	Termination
RTD (+)	Right Extension RTD (+)	HP10:RTD (+)	339	BN	16	Black Ferrule
RTD (-)	Right Extension RTD (-)	HP10:RTD (-)	344	WH	16	Black Ferrule
PE	Protective Ground	HP10:PE	PE	GNYE	16	Black Ferrule
N	R Extension Neutral	HP10:N	N-29	GY	16	Black Ferrule
L1	R Extension L1	HP10:L1	1-29	BK	16	Black Ferrule
L2	R Extension L2	HP10:L2	2-29	BU	16	Black Ferrule
L3	R Extension L3	HP10:L3	3-29	BN	16	Black Ferrule

HP8						
Right End Gate Resistor Plug						Calder Brothers 020-421298
Pin	Signal	Dest.	#	Color	AWG	Termination
L1	R End Gate L1	EGRR	1-26	BK	16	Black Ferrule
L2	R End Gate L2	EGRR	2-26	BU	16	Black Ferrule
L3	R End Gate L3	EGRR	3-26	BN	16	Black Ferrule
PE	Protective Ground	EGRR	PE	GNYE	16	Black Ferrule



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Right Extension Resistor

CONTRACT:

LOCATION: P S WS HS8

Right Extension Resistor

0	3/4/2022	Igibson
REV.	DATE	NAME

User data 1

CHANGES

User data 2

REVISION

0

SCHEME

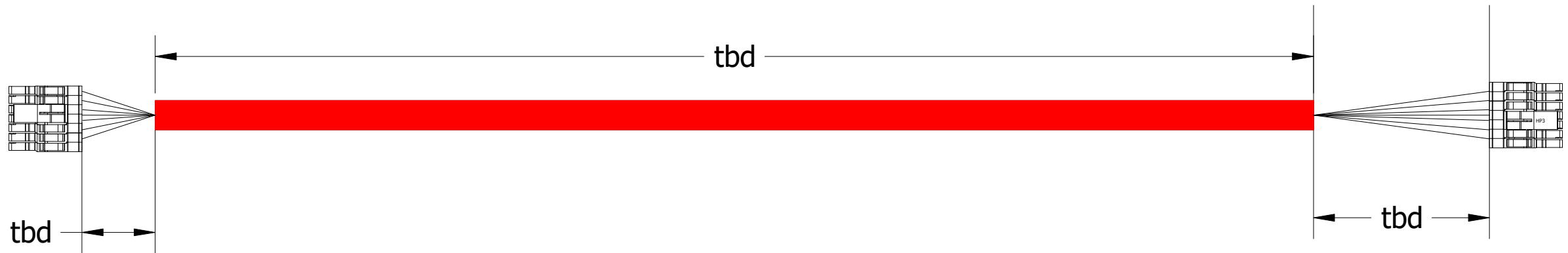
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NOTE LENGTHS NOT TO SCALE

HP3 Left Extension Harness Plug, Resistor Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
RTD (+)	L Extension RTD (+)	HP9:RTD (+)340	OG	16		Black Ferrule
RTD (-)	L Extension RTD (-)	HP9:RTD (-)342	WH	16		Black Ferrule
PE	Protective Ground	HP9:PE	PE	GNYE	16	Black Ferrule
N	L Extension Neutral	HP9:N	N-28	GY	16	Black Ferrule
L1	L Extension L1	HP9:L1	L1-28	BK	16	Black Ferrule
L2	L Extension L2	HP9:L2	L2-28	BU	16	Black Ferrule
L3	L Extension L3	HP9:L3	L3-28	BN	16	Black Ferrule

HP9 Left Extension Harness Plug, Resistor Wire Info						
Pin	Signal	Dest.	#	Color	AWG	Termination
RTD (+)	L Extension RTD (+)	HP3:RTD (+)340	OG	16		Black Ferrule
RTD (-)	L Extension RTD (-)	HP3:RTD (-)342	WH	16		Black Ferrule
PE	Protective Ground	HP3:PE	PE	GNYE	16	Black Ferrule
N	L Extension Neutral	HP3:N	N-28	GY	16	Black Ferrule
L1	L Extension L1	HP3:L1	L1-28	BK	16	Black Ferrule
L2	L Extension L2	HP3:L2	L2-28	BU	16	Black Ferrule
L3	L Extension L3	HP3:L3	L3-28	BN	16	Black Ferrule

HP7 Left End Gate Resistor Plug						
Pin	Signal	Dest.	#	Color	AWG	Termination
L1	L End Gate L1	EGR1	L1-24	BK	16	Black Ferrule
L2	L End Gate L2	EGR2	L2-24	BU	16	Black Ferrule
L3	L End Gate L3	EGR3	L3-24	BN	16	Black Ferrule
PE	Protective Ground	EGR4	PE	GNYE	16	Black Ferrule



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Left Extension Resistor

CONTRACT:

LOCATION: P S WS HS9

Left Extension Resistor

REV.	DATE	NAME	CHANGES	REVISION
0	3/4/2022	lgibson		0
User data 1			User data 2	SCHEME
				41

NOTE LENGTHS NOT TO SCALE

HP11		Calder Brothers 020-421294				
Pin	Signal	Dest.	#	Color	AWG	Termination
L1	Main Screed Bank A L1	HP110:L1	1-17	BK	16	Black Ferrule
L2	Main Screed Bank A L2	HP110:L2	2-17	BU	16	Black Ferrule
L3	Main Screed Bank A L3	HP110:L3	3-17	BN	16	Black Ferrule
LX	Left Extension Crossover L1	HP110:L1X	1-12	BK	16	Black Ferrule
PE	Protective Ground	HP110:PE	PE	GNYE	16	Black Ferrule
PE	Protective Ground	HP110:PE	PE	GNYE	16	Black Ferrule
N	Main Bank A Neutral	HP110:N	N-3	GY	16	Black Ferrule
NX	L Extension Crossover Neutral	HP110:NX	N-4	GY	16	Black Ferrule
RTD (-)	Main Screed RTD (-)	HP110:RTD	398	WH	16	Black Ferrule
RTD (+)	Main Screed RTD (+)	HP110:RTD	360	GNWH	16	Black Ferrule

HP120		Calder Brothers 020-421299				
Pin	Signal	Dest.	#	Color	AWG	Termination
EMPTY						Black Ferrule
EMPTY						Black Ferrule
N						Black Ferrule
N	Main Bank B Neutral	HP12:N	N-5	GY	16	Black Ferrule
PE	Protective Ground	HP12:PE	PE	GNYE	16	Black Ferrule
PE	Protective Ground	HP12:PE	PE	GNYE	16	Black Ferrule
L1	Main Screed Bank B L1	HP12:L1	1-18	BK	16	Black Ferrule
L2	Main Screed Bank B L2	HP12:L2	2-18	BU	16	Black Ferrule
L3	Main Screed Bank B L3	HP12:L3	3-18	BN	16	Black Ferrule
L3X	R Extension Crossover L3	HP12:L3X	3-21	BN	16	Black Ferrule
NX	R Extension Crossover Neutral	HP12:NX	N-6	GY	16	Black Ferrule



HP12		Calder Brothers 020-421294				
Pin	Signal	Dest.	#	Color	AWG	Termination
L1	Main Screed Bank B L1	HP120:L1	1-18	BK	16	Black Ferrule
L2	Main Screed Bank B L2	HP120:L2	2-18	BU	16	Black Ferrule
L3	Main Screed Bank B L3	HP120:L3	3-18	BN	16	Black Ferrule
LX	R Extension Crossover L3	HP120:L3X	3-21	BN	16	Black Ferrule
PE	Protective Ground	HP120:PE	PE	GNYE	16	Black Ferrule
PE	Protective Ground	HP120:PE	PE	GNYE	16	Black Ferrule
N	Main Bank B Neutral	HP120:N	N-5	GY	16	Black Ferrule
NX	R Extension Crossover Neutral	HP120:NX	N-6	GY	16	Black Ferrule
RTD (-)						Black Ferrule
RTD (+)						Black Ferrule

HP110		Calder Brothers 020-421303				
Pin	Signal	Dest.	#	Color	AWG	Termination
NX	L Extension Crossover Neutral	HP11:NX	N-4	GY	16	Black Ferrule
L1X	Left Extension Crossover L1	HP11:L1X	1-12	BK	16	Black Ferrule
L1	Main Screed Bank A L1	HP11:L1	1-17	BK	16	Black Ferrule
L2	Main Screed Bank A L2	HP11:L2	2-17	BU	16	Black Ferrule
L3	Main Screed Bank A L3	HP11:L3	3-17	BN	16	Black Ferrule
PE	Protective Ground	HP11:PE	PE	GNYE	16	Black Ferrule
PE	Protective Ground	HP11:PE	PE	GNYE	16	Black Ferrule
N	Main Bank A Neutral	HP11:N	N-3	GY	16	Black Ferrule
N						Black Ferrule
RTD (+)	Main Screed RTD (-)	HP11:RTD	398	WH	16	Black Ferrule
RTD (-)	Main Screed RTD (+)	HP11:RTD	360	GNWH	16	Black Ferrule



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Main Screed Resistor

REV.	DATE	NAME	CHANGES	REVISION
0	3/4/2022	lgibson		0
User data 1			User data 2	SCHEME
Main Screed Resistor				42

CONTRACT: LOCATION: P S WS HS10