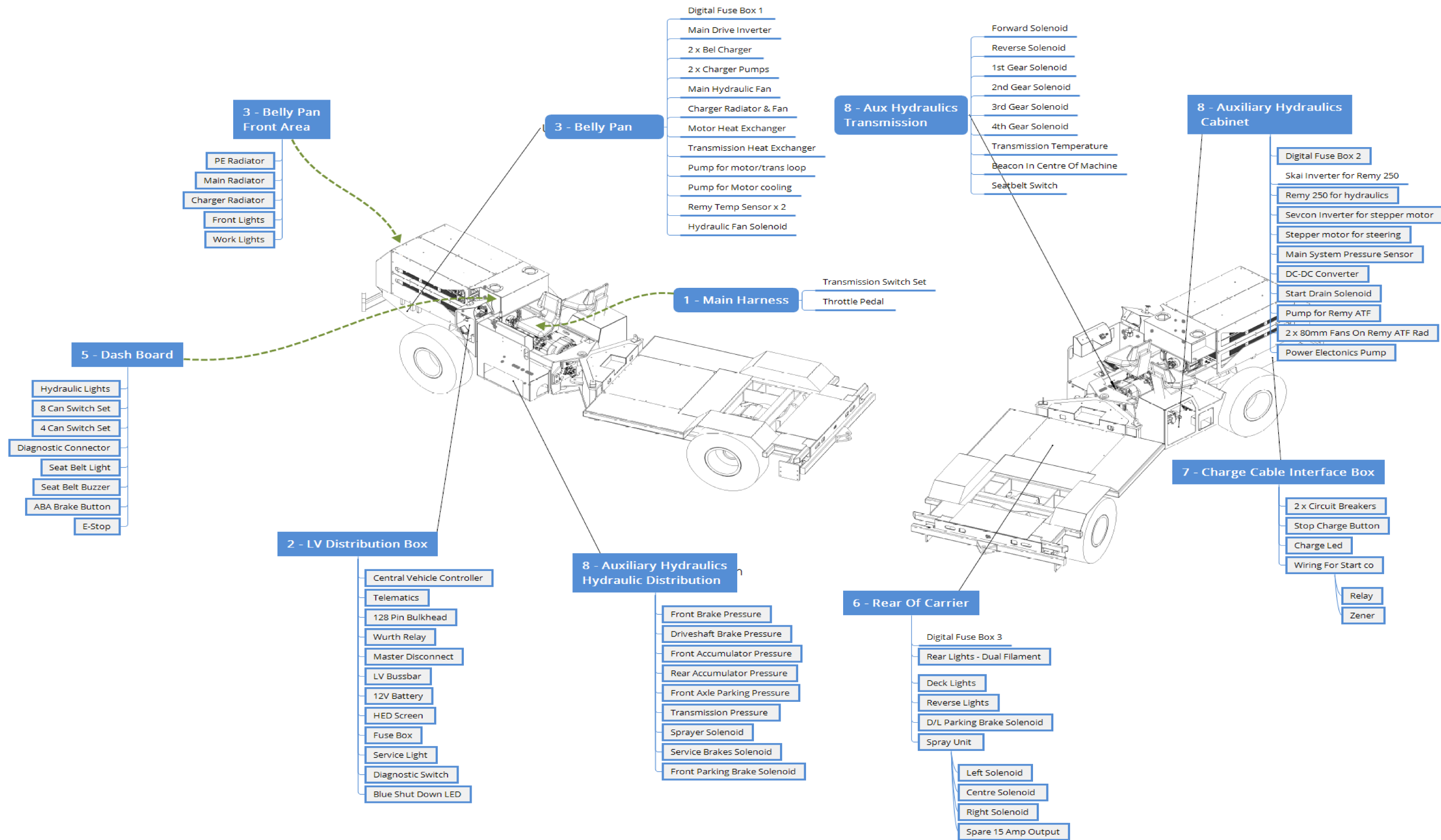


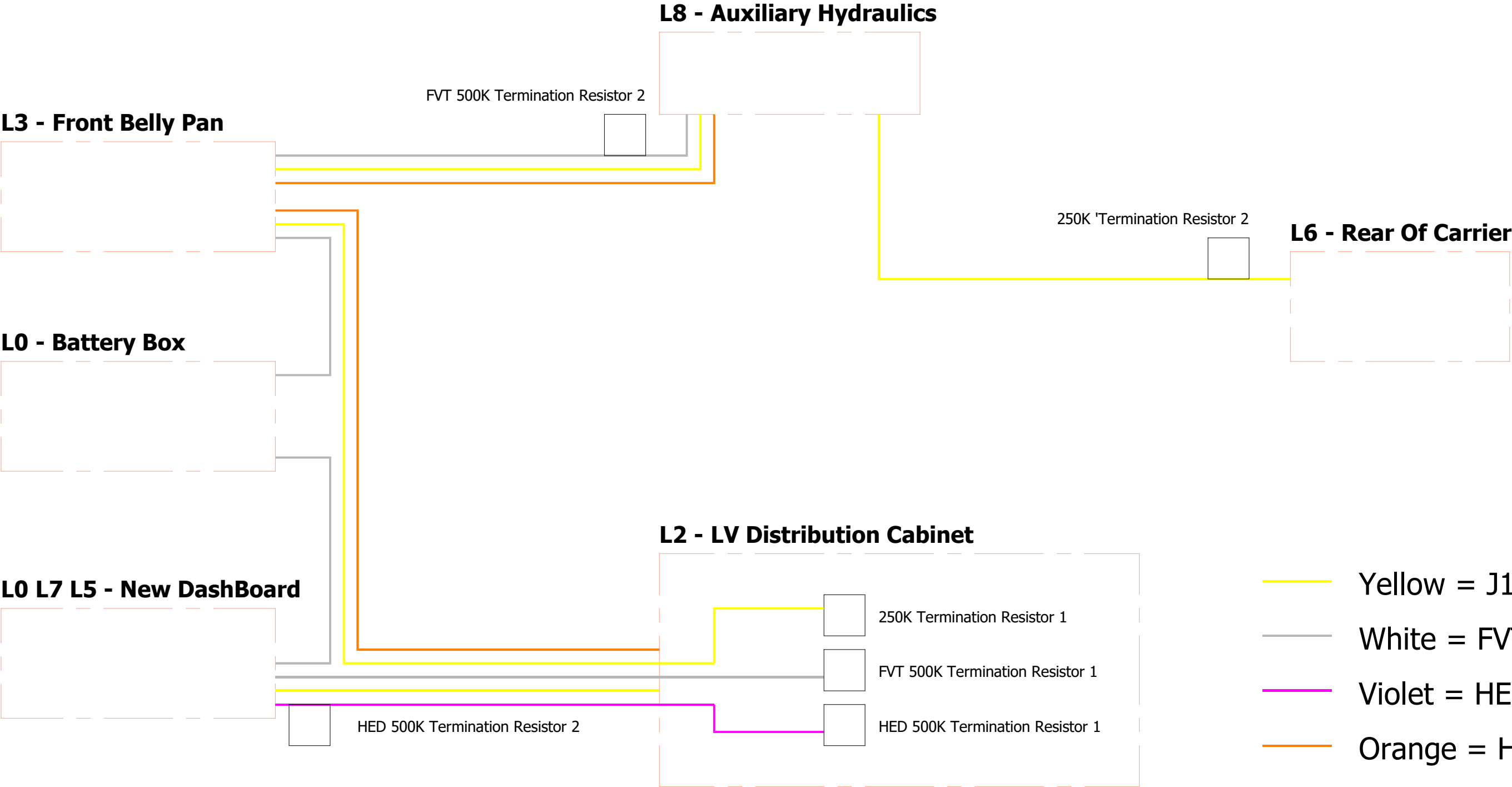
Carrier Rebuild Harness

Diagrams

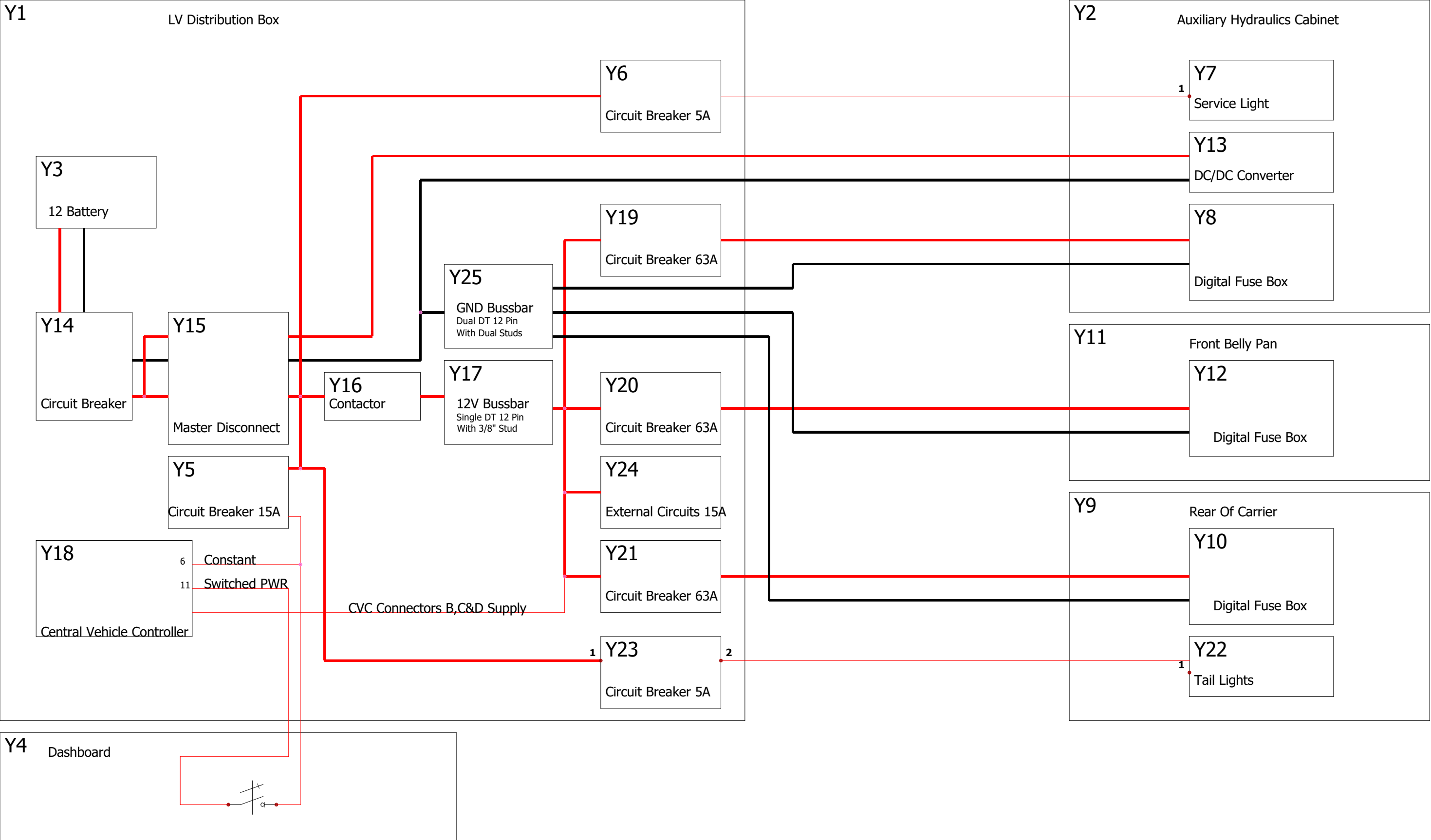
0	7/3/2019	Adam			
REV.	DATE	NAME	CHANGES		
Glencore ODP			FVT Research		REVISION 0
			CONTRACT:	User data 1 User data 2	SCHEME 0.1



FVT Research	Harness Locations							REVISION
								0
				0	6/10/2019	bzimm		
				REV.	DATE	NAME	CHANGES	SCHEME
CONTRACT:	LOCATION: L0 Main Location			User data 1			User data 2	0.2



FVT Research	CanBus Design					REVISION 0 SCHEM 0.3
		0	7/9/2019	Adam		
		REV.	DATE	NAME	CHANGES	
CONTRACT:	LOCATION: L0	Main Location			User data 1	User data 2

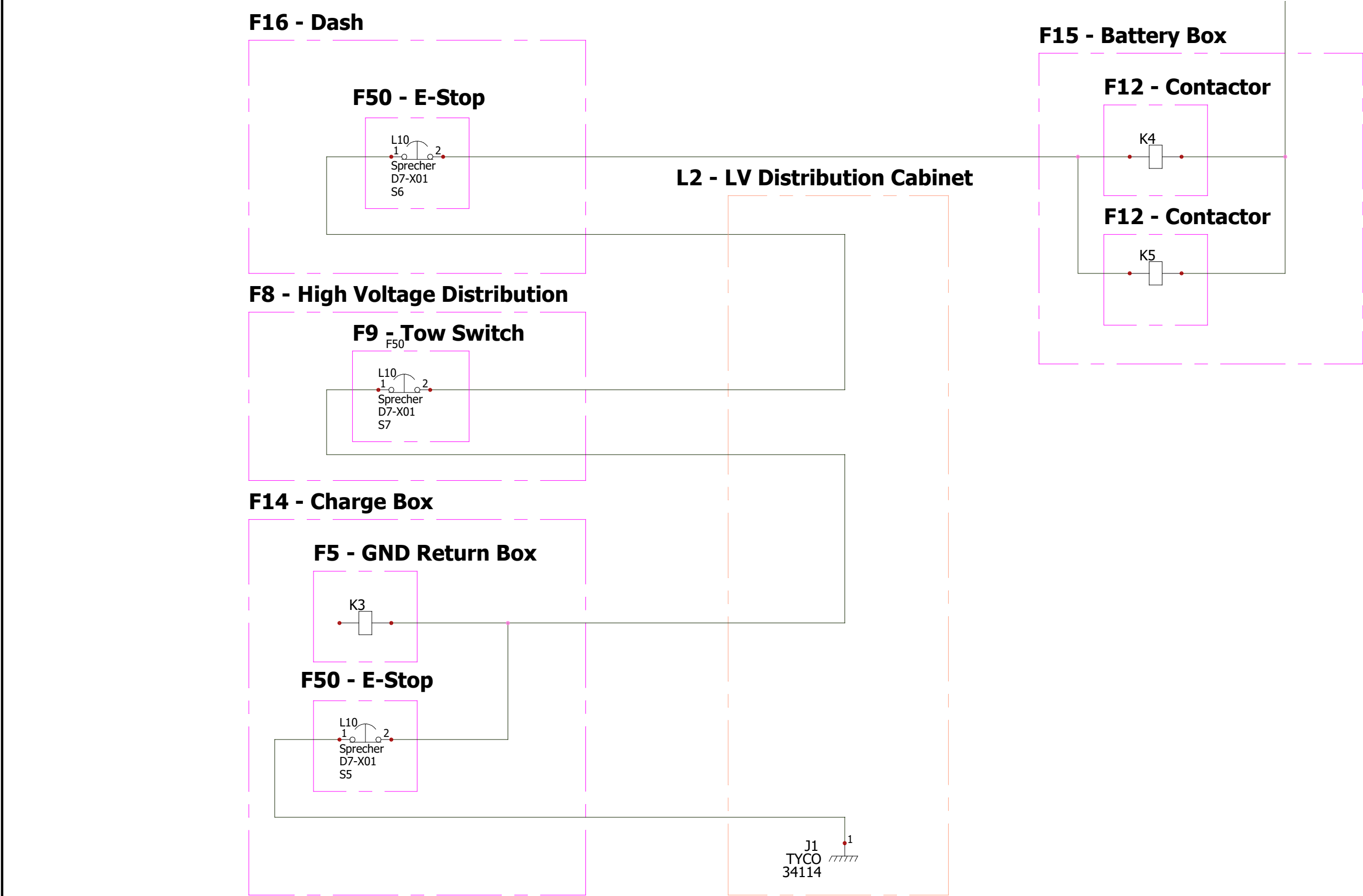


FVT Research

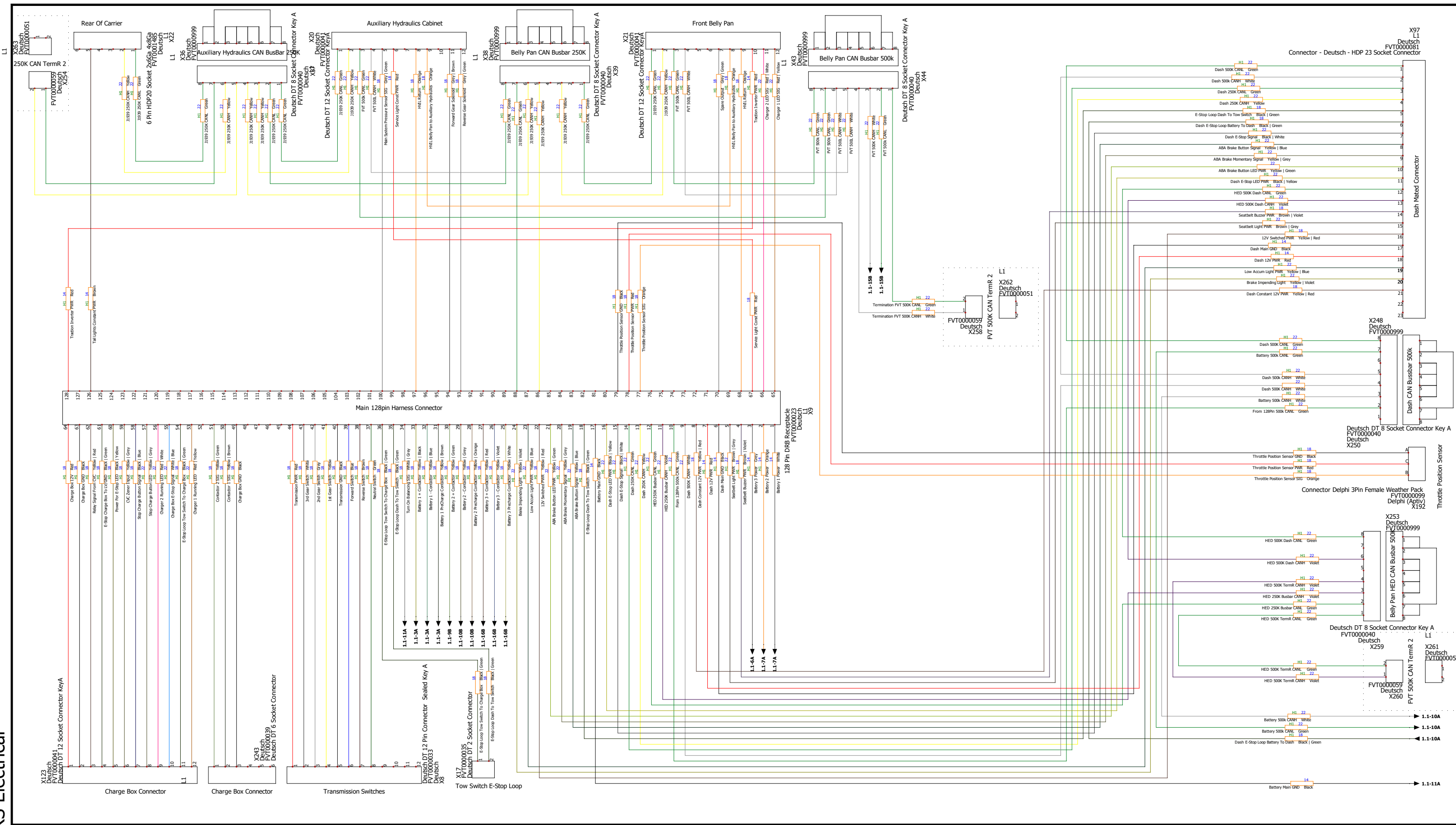
12V Supply Line Diagram

CONTRACT: LOCATION: L0 Main Location

				REVISION
0	7/9/2019	Adam		0
REV.	DATE	NAME	CHANGES	SCHEME
User data 1			User data 2	0.4



FVT Research	E-Stop High Level Drawing			REVISION	
				0	
				SCHEME	
				0.5	
CONTRACT:	LOCATION:	L6	Rear Of Carrier	User data 1	
				User data 2	



FVT Research

Main harness (128Pin)

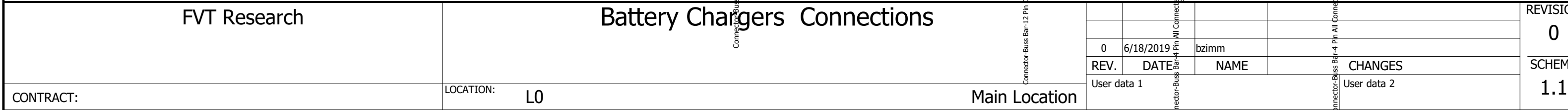
CONTRACT:

LOCATION:

L0

Main Location

				REVISION
				0
0	6/17/2019	bzimm	Just started building	
REV.	DATE	NAME	CHANGES	SCHEME
User data 1			User data 2	1.0



FVT Research								REVISION
				0	7/9/2019	Adam		
				REV.	DATE	NAME	CHANGES	
				User data 1				01
CONTRACT:		LOCATION: L0		Main Location		User data 2		SCHEME

FVT Research

LV Distribution Cabinet (128Pin & CVC)

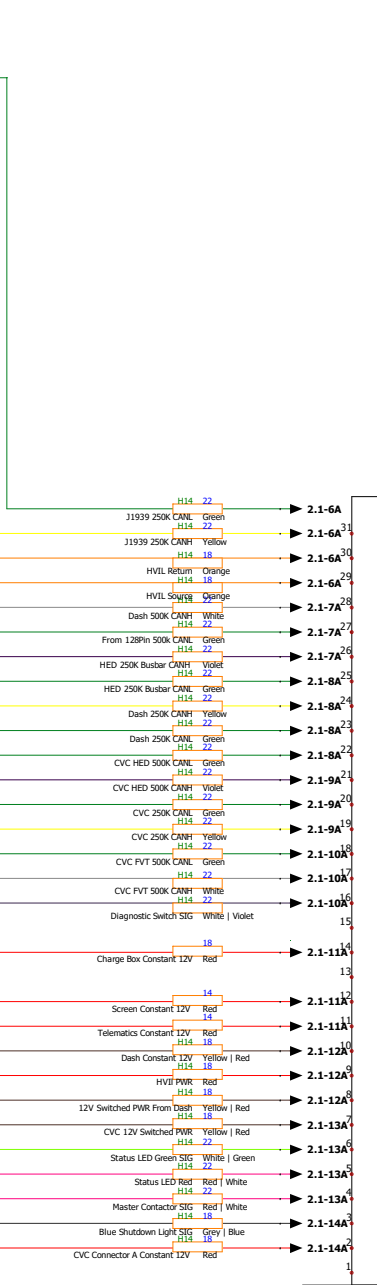
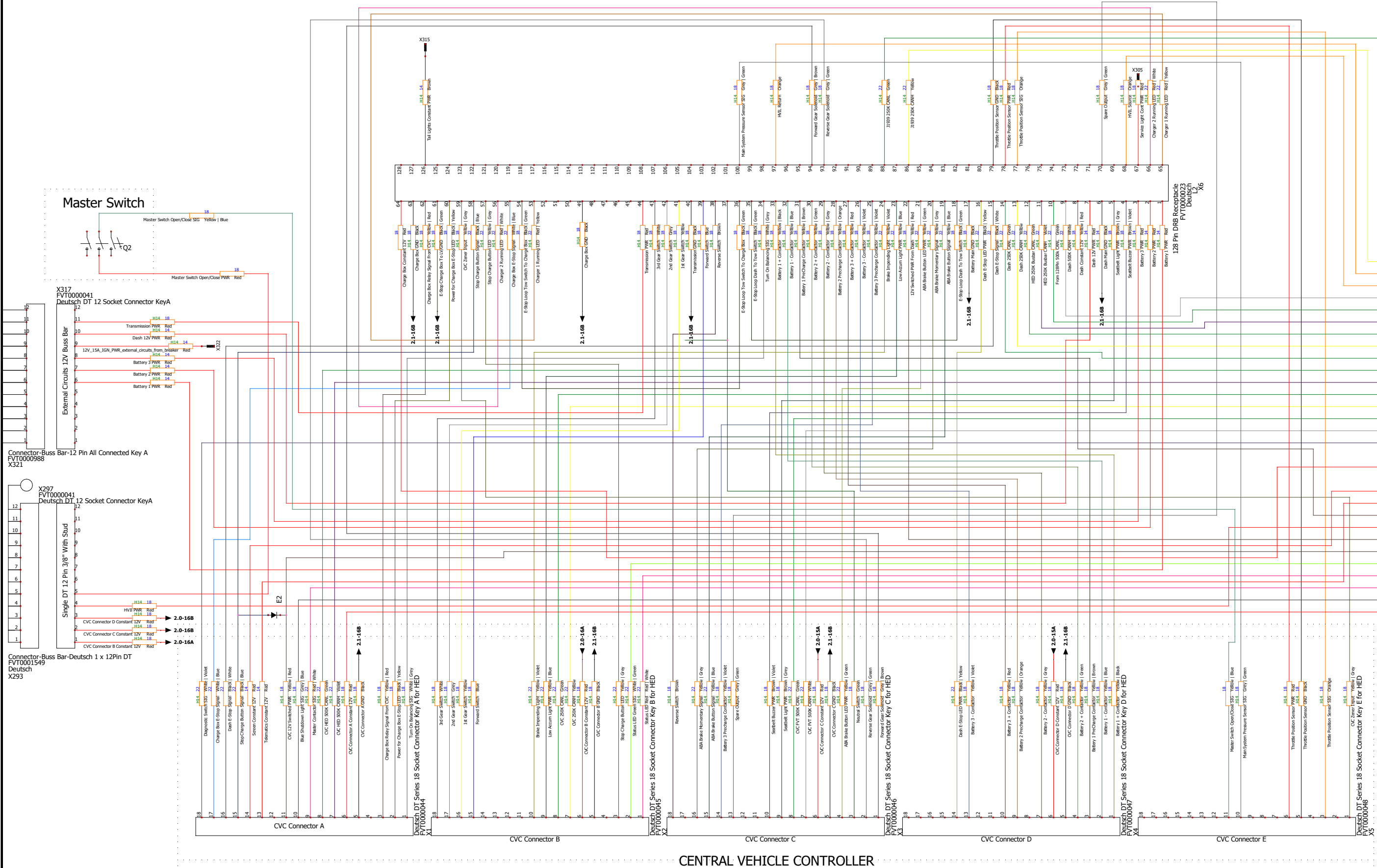
CONTRACT:

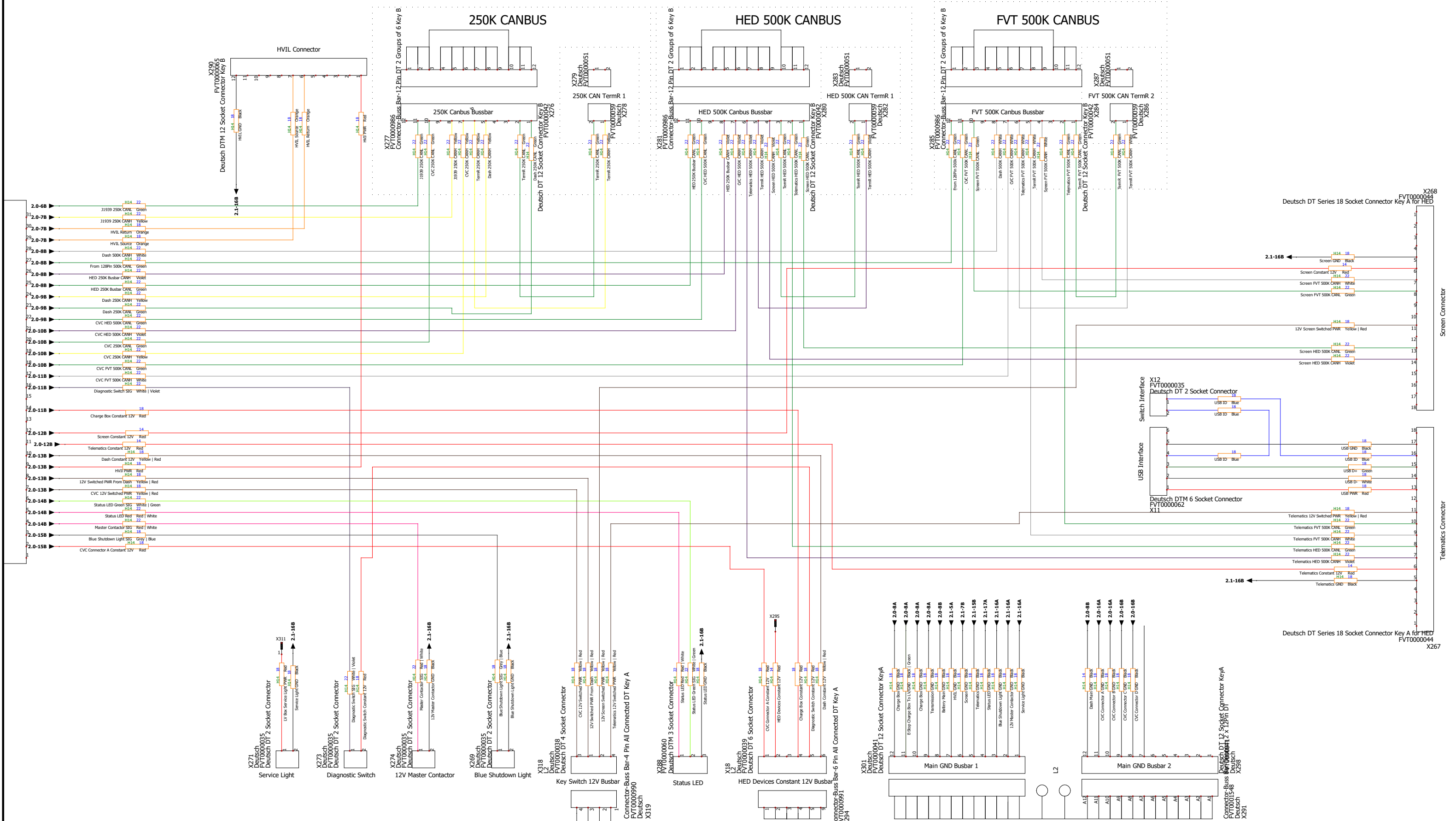
LOCATION: L0

Main Location

REV.	DATE	NAME	CHANGES	SCHEME 2.0
1	9/30/2019	Adam	Added charge switch wire and constant 12v	
0	7/25/2019	Adam		
User data 1			User data 2	

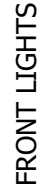
REVISION
1



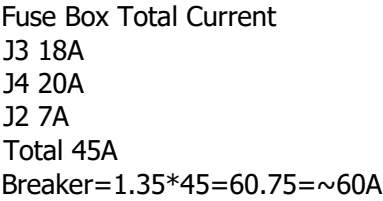


FVT Research	LV Distribution Cabinet (Auxiliary Components)	Belly		Pan GND Sealed BussBar	REVISION	
		1	9/30/2019	Adam		Added charge switch wire and constant 12v
		0	7/25/2019	Adam		
		REV.	DATE	NAME		CHANGES
		User data 1		User data 2		
CONTRACT:	LOCATION: L0	Main Location			SCHEM	
					2.1	

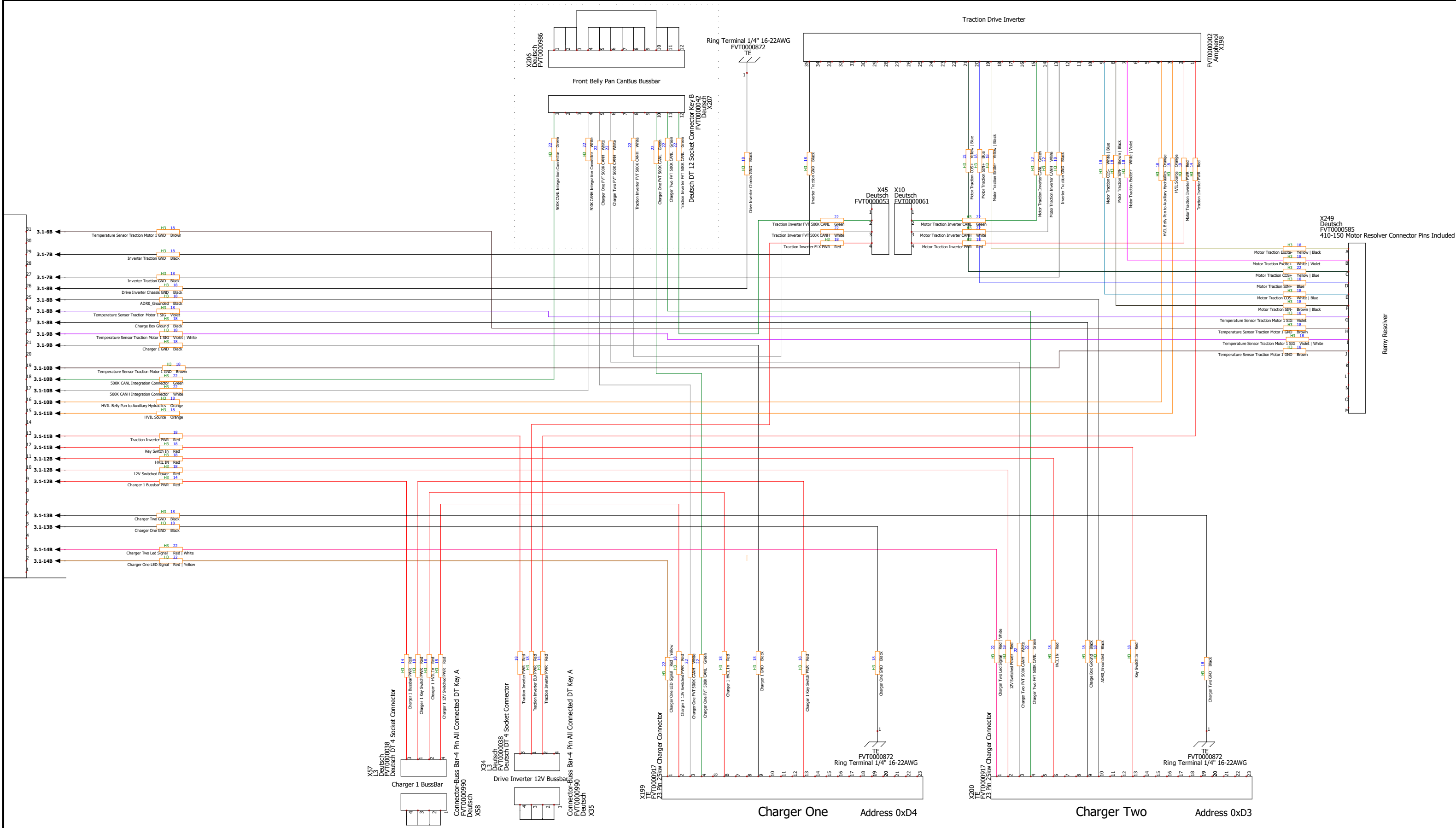
CHARGER COOLING



FVT Research	Front Belly Pan (Front Area)						REVISION 0 SCHEME 3.0
			0	7/8/2019	Adam		
			REV.	DATE	NAME	CHANGES	
CONTRACT:	LOCATION: L0 Main Location		User data 1		User data 2		



FVT Research	Front Belly Pan (Murphy)								REVISION 0
					0	7/8/2019	Adam		
					REV.	DATE	NAME	CHANGES	
					CONTRACT:	LOCATION:	L0	Main Location	User data 1



FVT Research

Front Belly Pan (Inverters)

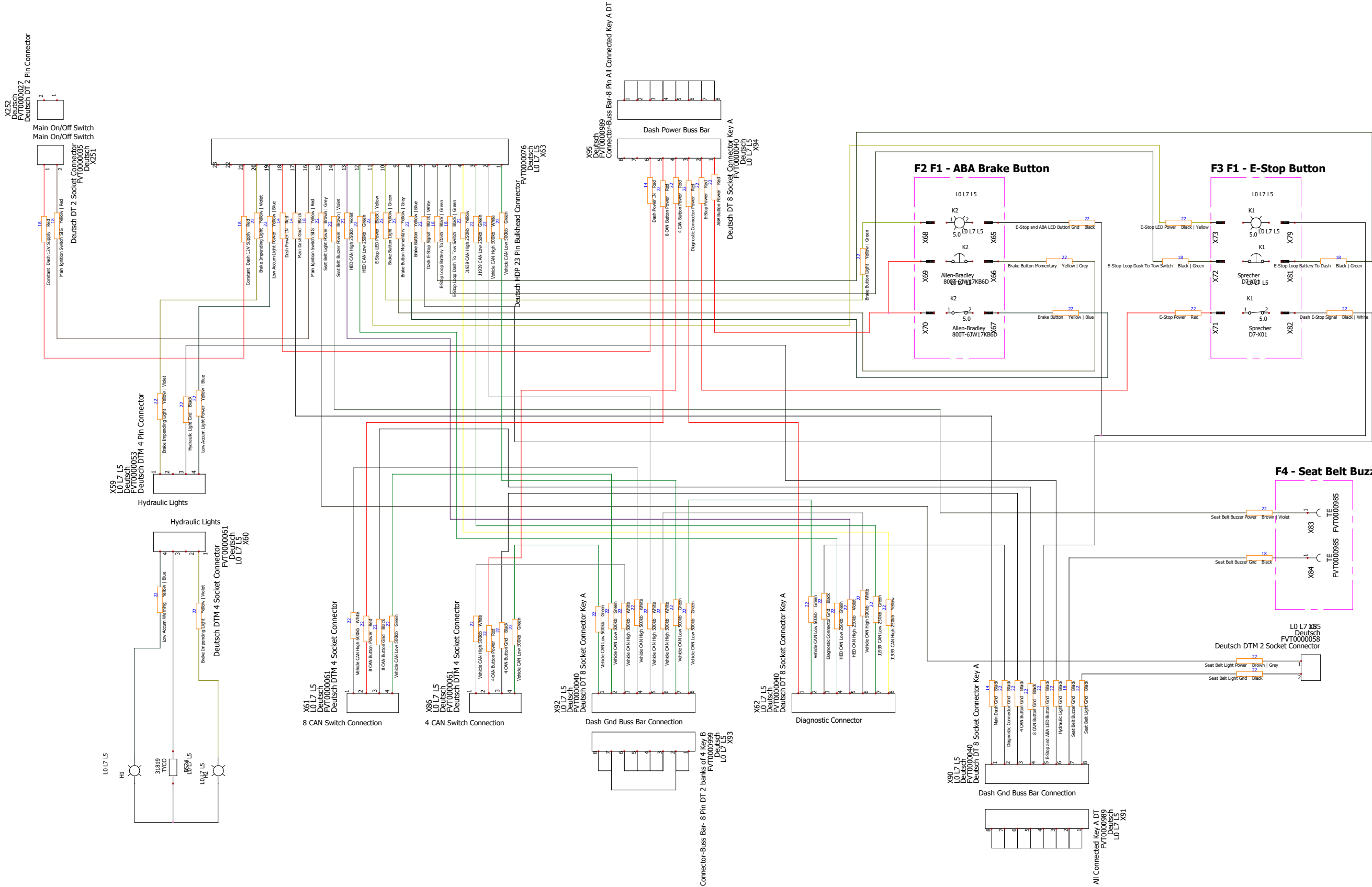
CONTRACT:

LOCATION: L0

Main Location

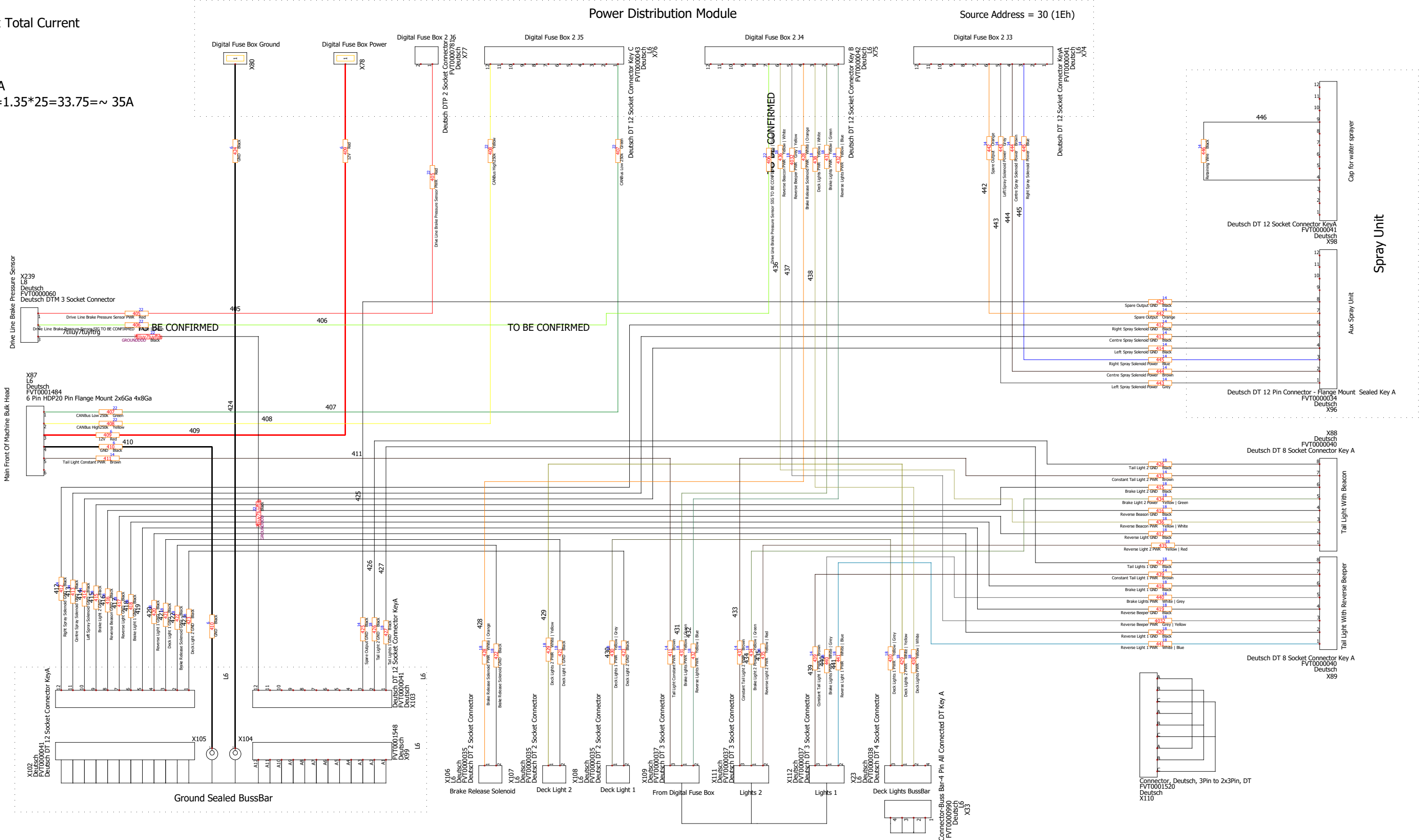
				REVISION
				0
0	7/8/2019	Adam		
REV.	DATE	NAME	CHANGES	
User data 1			User data 2	
				SCHEME
				3.2

FVT Research	Dash Harness				Connected			REVISION 0 SCHEMATIC 5.0	
					0	6/21/2019	bzimm		
					REV.	DATE	NAME		CHANGES
	CONTRACT:	LOCATION: L0 Main Location				User data 1		User data 2	

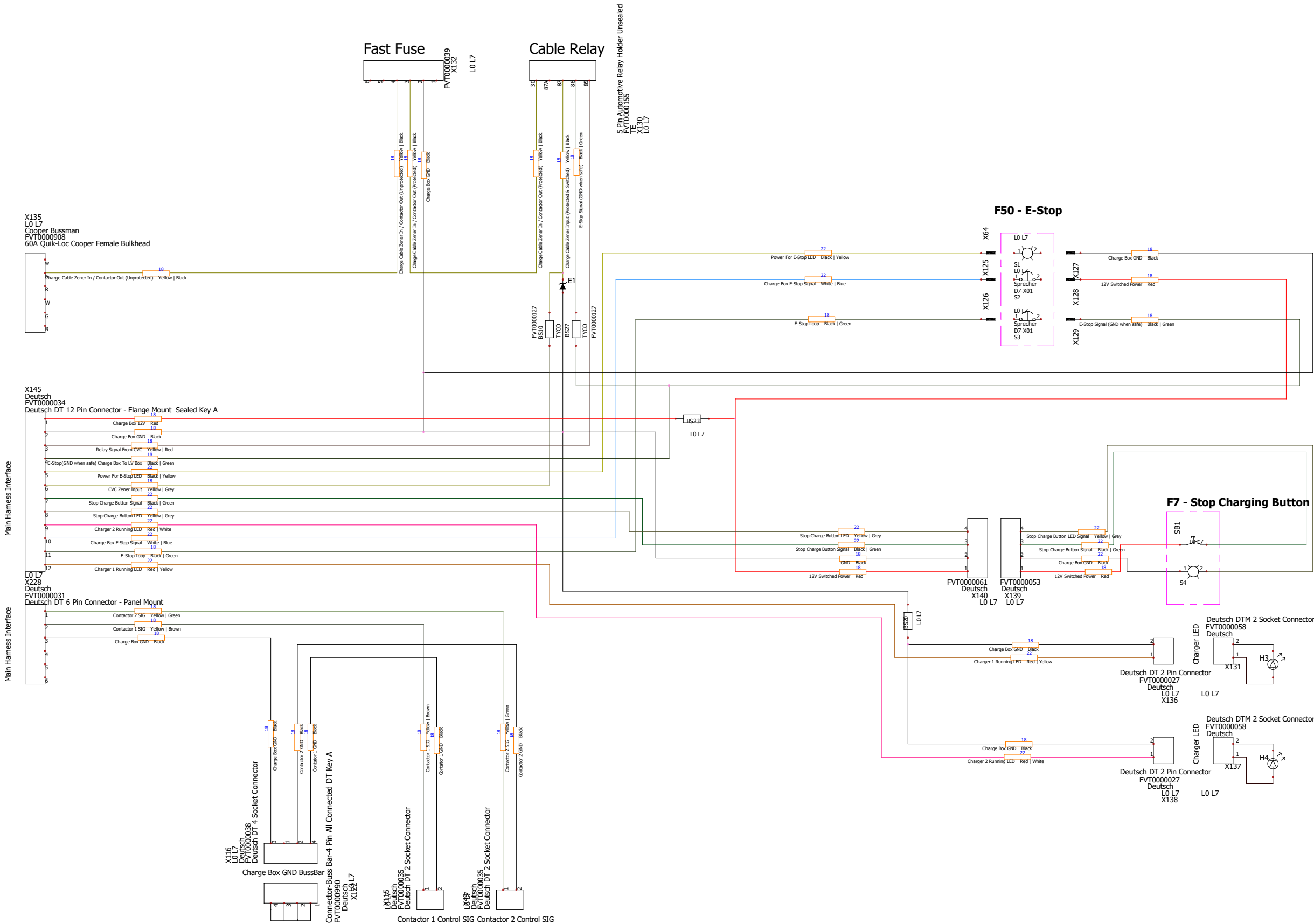


SOLIDWORKS Electrical

Fuse Box Total Current
J3 15A
J4 10A
J2 0A
Total 25A
Breaker = $1.35 \times 25 = 33.75 = \sim 35A$



FVT Research	Rear Of Carrier				REVISION
					0
		0	6/24/2019	Adam	
		REV.	DATE	NAME	CHANGES
CONTRACT:	LOCATION: L0 Main Location	User data 1			User data 2
					SCHEME 6.0



FVT Research

Charge Cable Interface Box

CONTRACT:

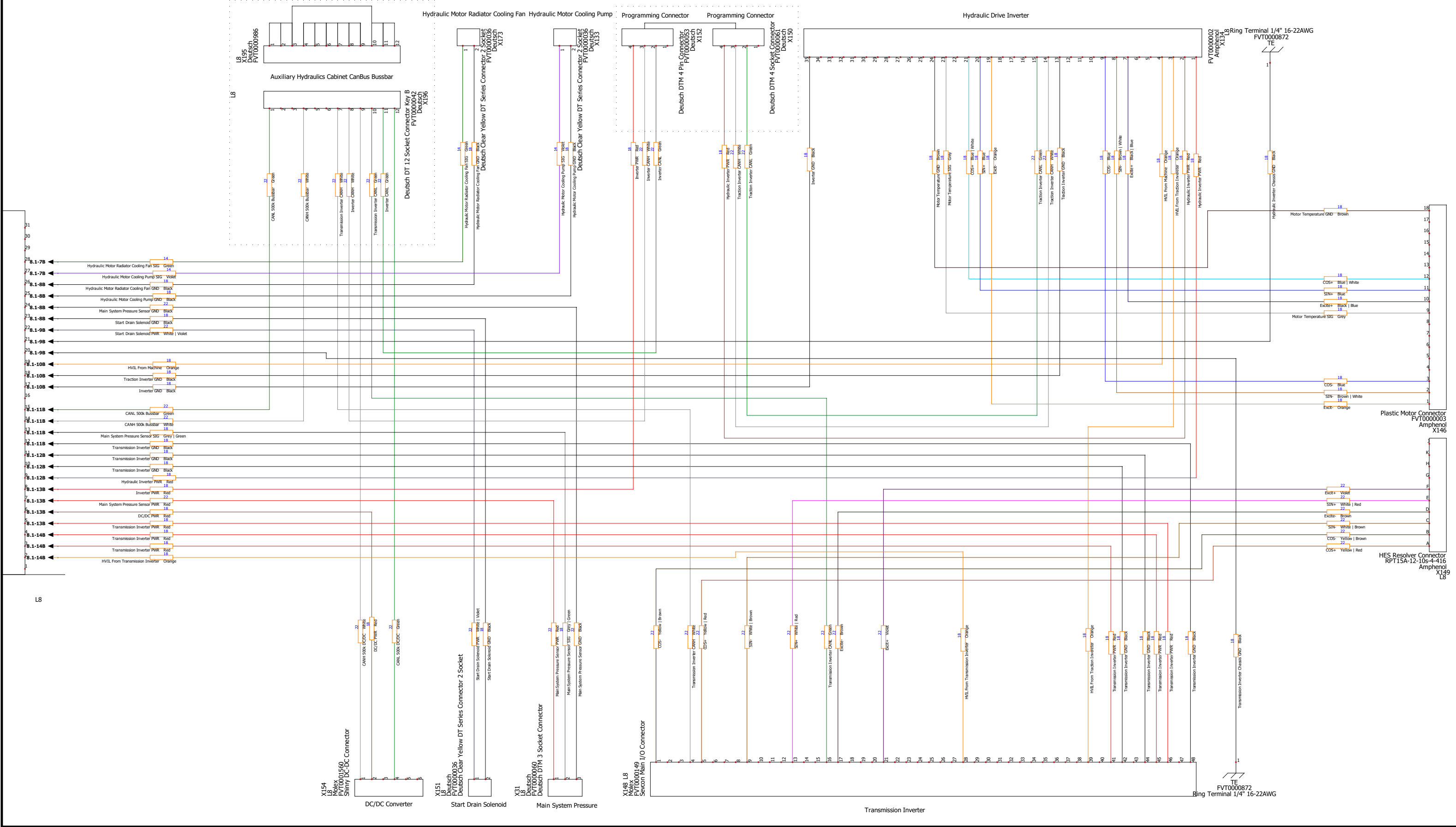
LOCATION:

L0

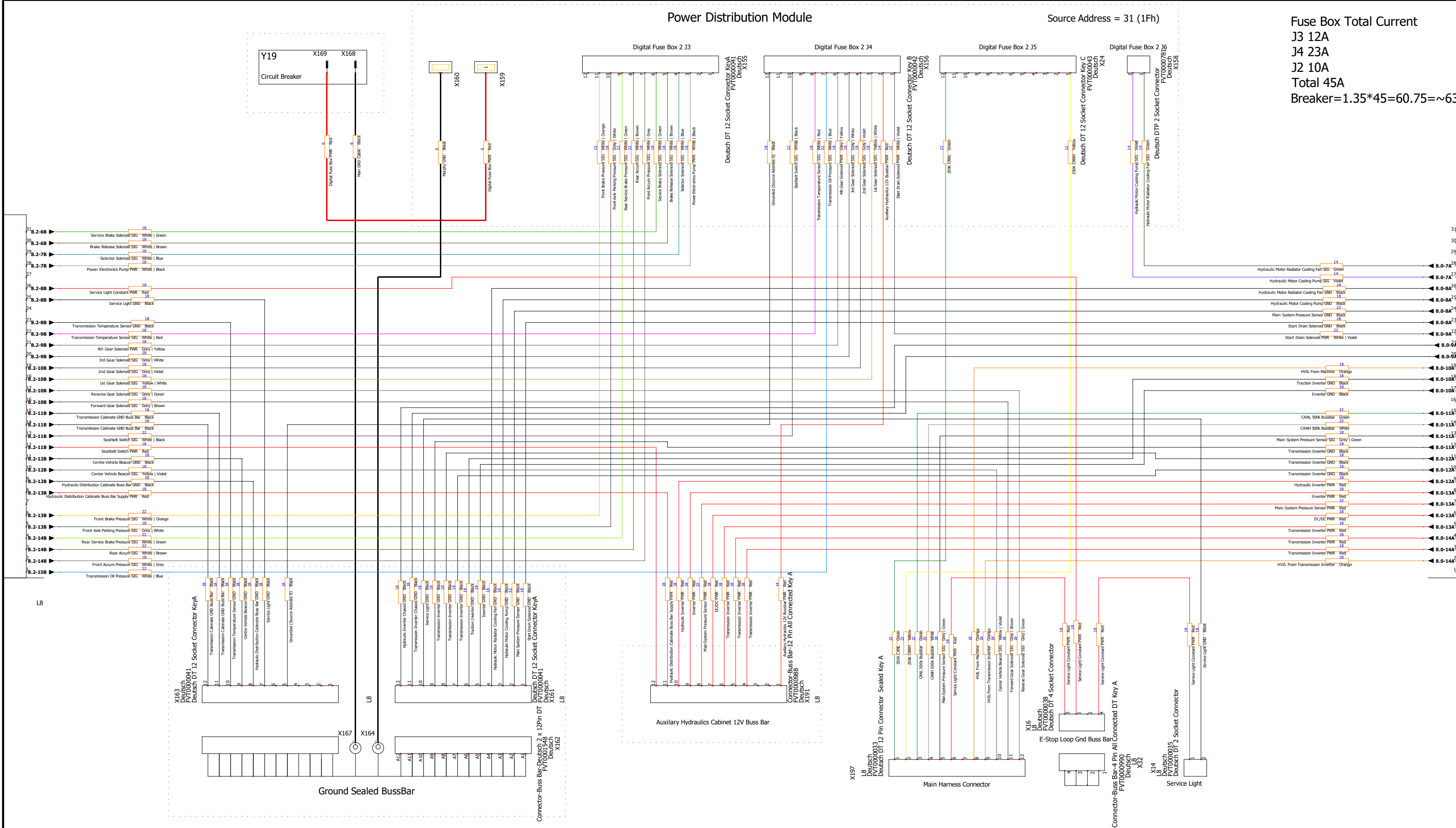
Main Location

REV.	DATE	NAME	CHANGES
0	6/21/2019	Adam	
User data 1			User data 2

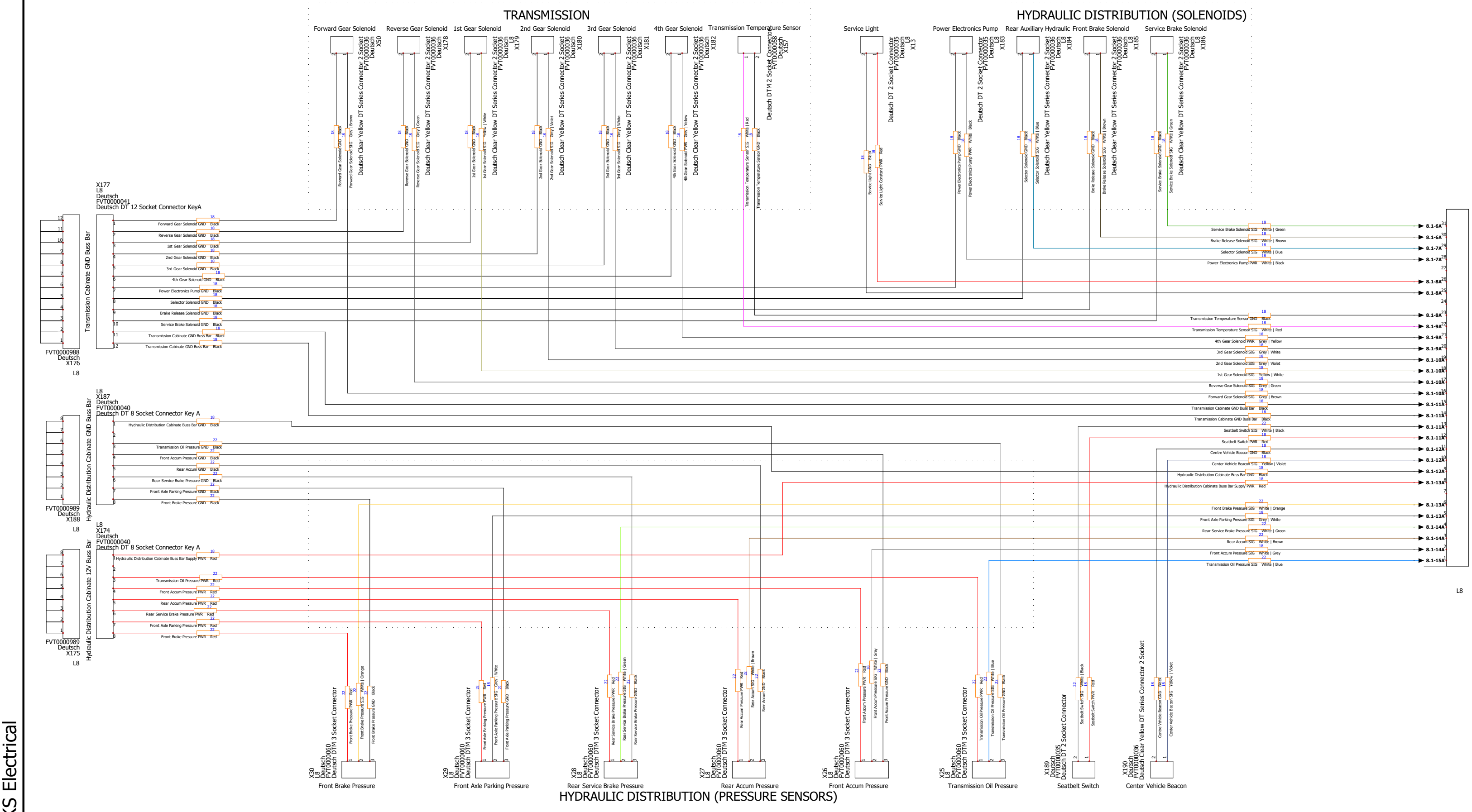
REVISION
0
SCHEME
7.0



FVT Research		Auxiliary Hydraulics (Inverters)			REVISION	
					1	
					SCHEME	
					8.0	
CONTRACT:		LOCATION: L0			Main Location	
					User data 1	
					User data 2	
					Edited pressure sensor names.	
					CHANGES	
					REV. DATE NAME	
					1 9/12/2019 Adam	
					0 7/3/2019 Adam	

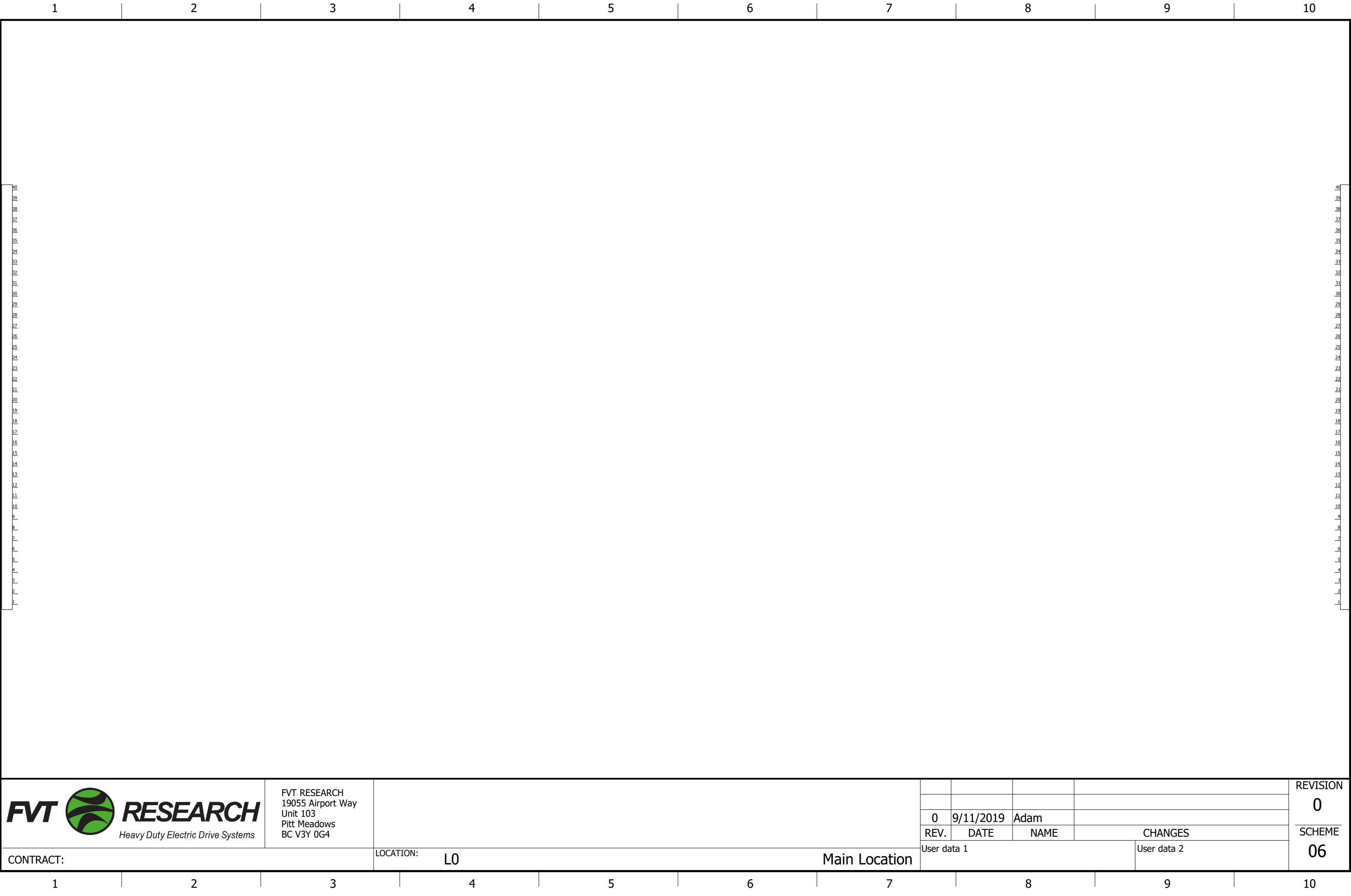


FVT Research	Auxiliary Hydraulics (Murphy)								REVISION 1 SCHEM 8.1
					1	9/12/2019	Adam	Edited pressure sensor names.	
					0	7/4/2019	Adam		
					REV.	DATE	NAME	CHANGES	
					User data 1			User data 2	
CONTRACT:	LOCATION: L0 Main Location								



FVT Research		Auxiliary Hydraulics (Hydraulic Distribution)			REVISION	
1		9/12/2019	Adam	Edited pressure sensor names.	1	
0		7/4/2019	Adam	Initial Drawing	SCHEME	
REV.		DATE	NAME	CHANGES	8.2	
User data 1				User data 2		
CONTRACT:		LOCATION: L0		Main Location		

FVT Research				Front Of Machine				REVISION	
								0	
								SCHEME	
CONTRACT:				LOCATION: L0 Main Location				9.0	



FVT RESEARCH
19055 Airport Way
Unit 103
Pitt Meadows
BC V3Y 0G4

LOCATION: **L0** **Main Location**

0	9/11/2019	Adam	
REV.	DATE	NAME	CHANGES
User data 1			User data 2

REVISION
0
SCHEME
06