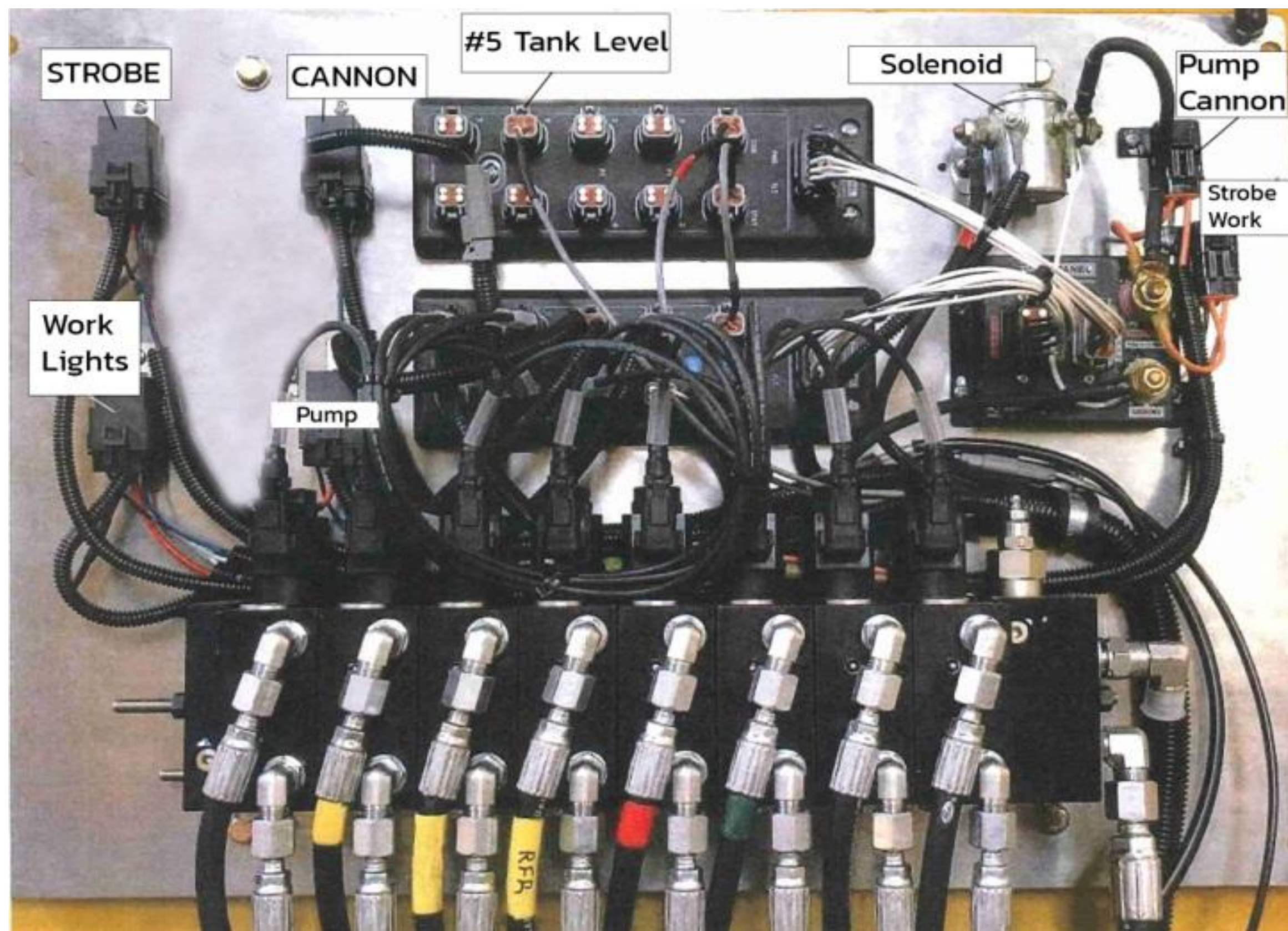


CAUTION

**PLEASE CONTACT CURRY
SUPPLY COMPANY BEFORE
ATTEMPTING ANY CHANGES TO
THE ELECTRICAL SYSTEMS.
DOING SO MAY CAUSE
EQUIPMENT DAMAGE OR VOID
WARRANTY.**

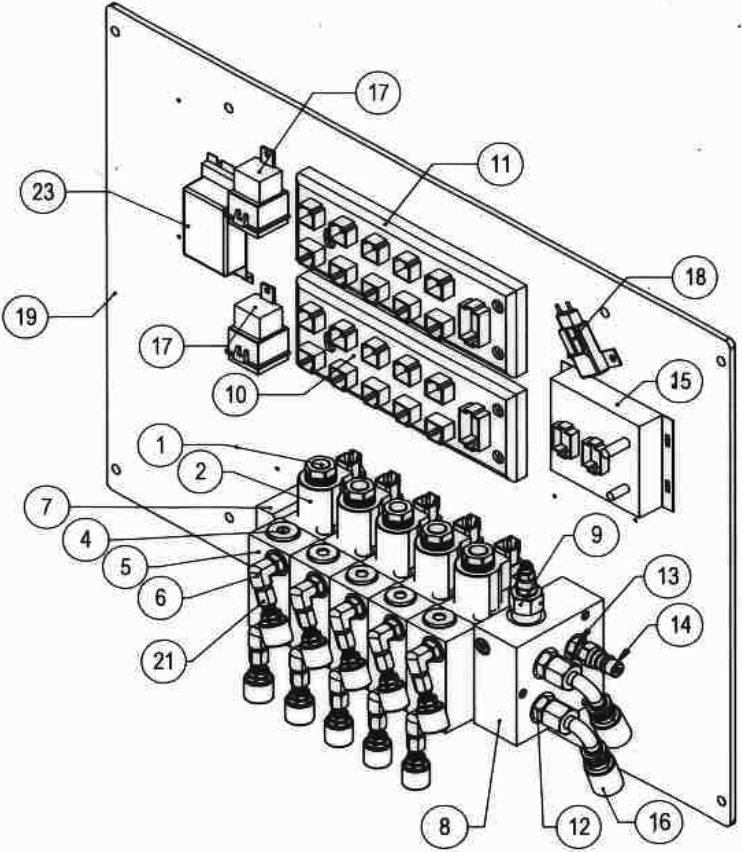
Table of Contents

Hydraulic Box Open View	3
1634-7800 Hydraulic Valve System Off Road Water 5 Valve	4
2187-1025 Articulated 2 Sides 3 Rear 2 Front with Level Sensor 3 of 4	5
2187-1025 Articulate 2 Sides 3 Rear with Level Sensor 2 of 4	6
1630-1100 2 Line Dump Cylinder Connections 2 of 2	7
1630-1000 4 Line Dump Cylinder Connections 1 of 2	8
Chassis Harness Connection Picture	9
Controller Connections 1 of 2	10
Controller Connections 2 of 2	11
Rear Wiring Identification	12
2187-1030 Hale Primer Wiring 2 of 2	13
8100 HD Nitro HD Kit 1 Water Cannon	14
41087000 Joystick Electric Elkhart Brass Nitro	15
Position Sensor Testing Elkhart Brass Nitro HD	16
37522000 Harness Module Monitor 15 FT	17
Connector Pin Diagram Elkhart Brass Nitro	18
2187-1025 12V Hoist Circuit Hydraulic Box New Design 1 of 4	19
2187-1025 12V Hoist Circuit Hydraulic Box Old Design 1 of 4	20
2187-1025 24V Hoist Circuit Hydraulic Box 2 of 9	21
2187-1043 Hitachi EH1700-3 Wiring 1 of 3	22
2187-1043 Hitachi EH1700-3 Pneumatic 2 of 2	23
2187-1025 Komatsu Standard Set Up In Sprinkler Mode Old Box 4 of 4	24
2187-1025 Komatsu Standard Set Up In Sprinkler Mode New Box 4 of 4	25
6125010 Hydrema Model 922G Wiring Diagram	26
6125000 Hydrema Model 922G Wiring Diagram 2 of 24	27
6125000 Hydrema Model 922G Wiring Diagram 3 of 24	28
6125000 Hydrema Model 922G Wiring Diagram 3A of 24	29
6125000 Hydrema Model 922G Wiring Diagram 3B of 24	30
6125000 Hydrema Model 922G Wiring Diagram 3C of 24	31
6125000 Hydrema Model 922G Wiring Diagram 4 of 24	32
6125000 Hydrema Model 922G Wiring Diagram 5 of 24	33
6125000 Hydrema Model 922G Wiring Diagram 6 of 24	34
6125000 Hydrema Model 922G Wiring Diagram 7 of 24	35
6125000 Hydrema Model 922G Wiring Diagram 8 of 24	36
6125000 Hydrema Model 922G Wiring Diagram 9 of 24	37
6125000 Hydrema Model 922G Wiring Diagram 10 of 24	38
6125000 Hydrema Model 922G Wiring Diagram 11 of 24	39
6125000 Hydrema Model 922G Wiring Diagram 12 of 24	40
6125000 Hydrema Model 922G Wiring Diagram 13 of 24	41
6125000 Hydrema Model 922G Wiring Diagram 14 of 24	42
6125000 Hydrema Model 922G Wiring Diagram 15 of 24	43
6125000 Hydrema Model 922G Wiring Diagram 16 of 24	44
6125000 Hydrema Model 922G Wiring Diagram 17 of 24	45
6125000 Hydrema Model 922G Wiring Diagram 18 of 24	46
6125000 Hydrema Model 922G Wiring Diagram 19 of 24	47
6125000 Hydrema Model 922G Wiring Diagram 20 of 24	48
6125000 Hydrema Model 922G Wiring Diagram 21 of 24	49
6125000 Hydrema Model 922G Wiring Diagram 22 of 24	50
6125000 Hydrema Model 922G Wiring Diagram 23 of 24	51
6125000 Hydrema Model 922G Wiring Diagram 24 of 24	52
6125000 Hydrema Model 922G Wiring Diagram 24A of 24	53



ITEM NO.	QTY.	PART NO.	STOCK DESC.
1	5	805314219	VALVE, SOLENOID, SV10-24-01-00-00-B-00
2	5	171149519	24V DE COIL, M16-24D-26W-DE
3	5	11169108	VALVE, CHECK, RPC06-5-00 PO
4	5	920000619	PLUG, CAVITY, NCS06/0
5	5	11195193	MVB10-W-LH-6S
6	10	6801-4-6	FITTING, 1/4 JIC - 3/8 MOR, 90 DEG, STEEL
7	1	11187937	MVB10-E
8	1	11233610	INLET W/CAVITY FOR REDUCING VALVE
9	1	83020488	VALVE, REDUCING, PRMP PRMP 064-EN-1-00-35
10	1	DP-34044-5-100	OUTPUT BLOCK (COMPUTER)
11	1	DP-34044-1	INPUT/OUTPUT COMBO BLOCK
12	2	6400-8	FITTING, 1/2" MJ - 1/2" MB
13	1	6401-6-4	FITTING, 3/8" MB - 1/4" MP, STEEL
14	1	H2F2	FITTING, PLUG, 1/4" COUPLING - FP
15	1	DP-37055-2	2 CONNECTOR POWER SPLITTER
16	2	G25179-0808X	FITTING, 1/2" HOSE - 1/2" FJ SWIVEL, 90 DEG SHORT, STEEL
17	2	H41388541	RELAY, 24V, WATER PROOF, 10/20A
18	1	784623	FUSE HOLDER, IN-LINE, ATO/ATC
19	1	1594-3300	OFF ROAD HYD. VALVE BOX
20	10		SPRAY HEAD HOSE CONNECTIONS
	20	G25170-0404X	FITTING, 1/4" HOSE - 1/4" FJ SWIVEL, STEEL
	-	4657-0120	HOSE, 1/4", HYDRAULIC, MEDIUM PRESSURE
23	1	PST-DCZ0903-W	CONVERTER, 12/24V - 9V DC
24	2	5ZMU8	SOCKET, WATER PROOF RELAY, WITH LEADS

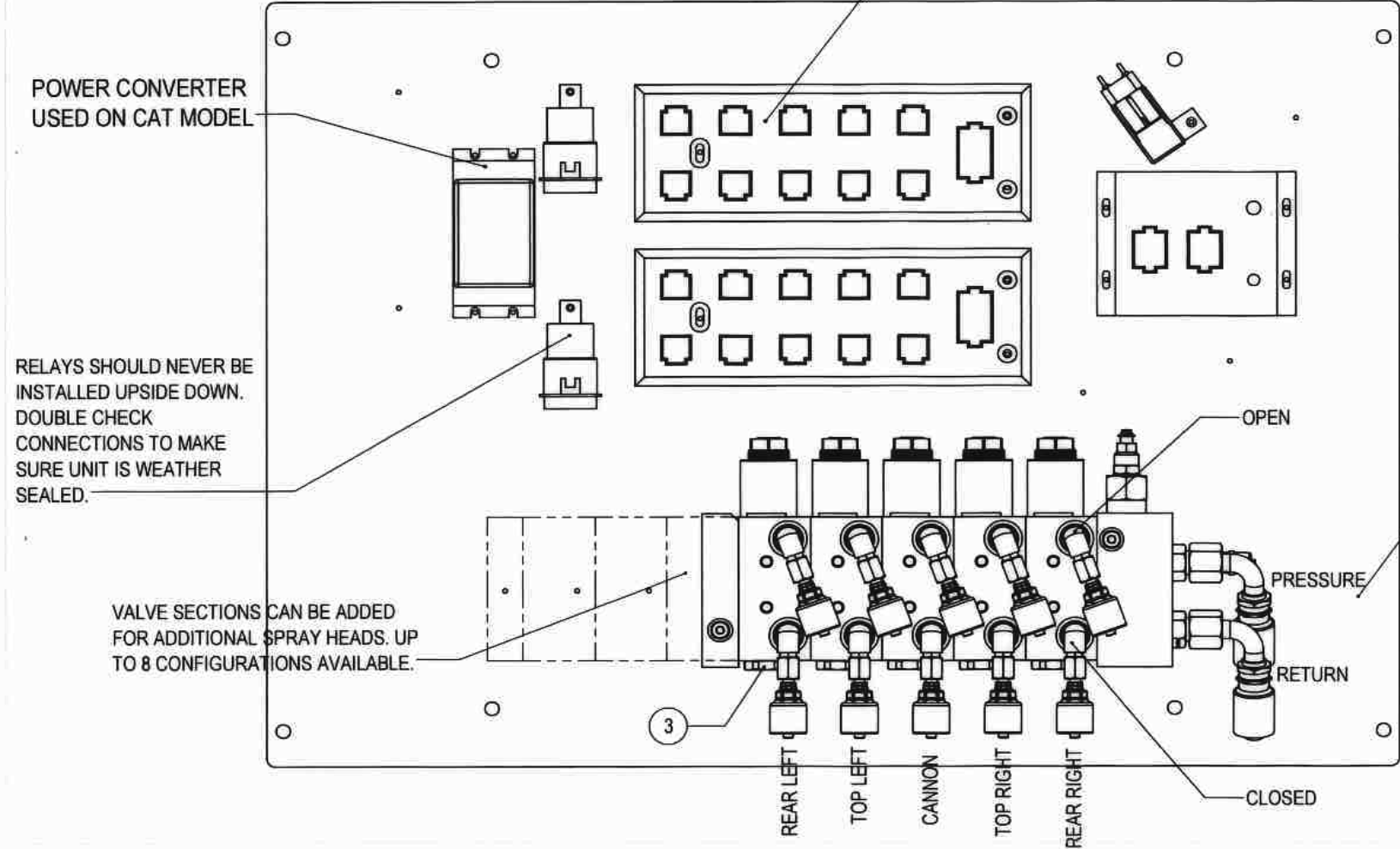
QTY.	PART NO.	STOCK DESC.	NOTES
1	DP-33026-3-002	KEYPAD/DISPLAY, 24V DC	
1	DP-34042-402	TERMINAL RESISTOR	LOCATED ON THE BACK OF THE CONTROL PAD
2	M-D185-XDBKIT	18 PIN CONNECTOR KIT	
1	DP-38022-400	PSF-2 CONNECTOR KIT	
1	RAM-202U	RAM MOUNT, 2.5" BASE	
1	RAM-107BU	RAM MOUNT, 1.5" RUGGED BASE	
1	RAM-201U	RAM MOUNT, DOUBLE SCKET ARM	
1		PVAS ASSMEBY KIT	ROD CONNECTOR KIT. PART NUMBERS DIFFER BASED ON THE AMOUNT OF VALVES USED.
3	7072-77501-7540060	Y-CABLE, 2' LENGTH	



COMBO OUTPUT BLOCK IS USED WITH A TANK FILL INDICATOR. WHEN A TANK IS EQUIPPED WITH A DIGITAL LEVEL INDICATOR, TOGGLING THE BOTTOM RIGHT BUTTON ON THE CONTROL PANEL BRINGS UP THE FILL DISPLAY ON THE CONTROLLER IN THE CAB.

ITEMS 1,2,3,4,5,6, 7, & 8 ARE TIED TO THE SPRAY HEAD COUNT. THIS ASSEMBLY MAKES UP THE CONTROL SYSTEM FOR (1) SPRAY HEAD UNIT.

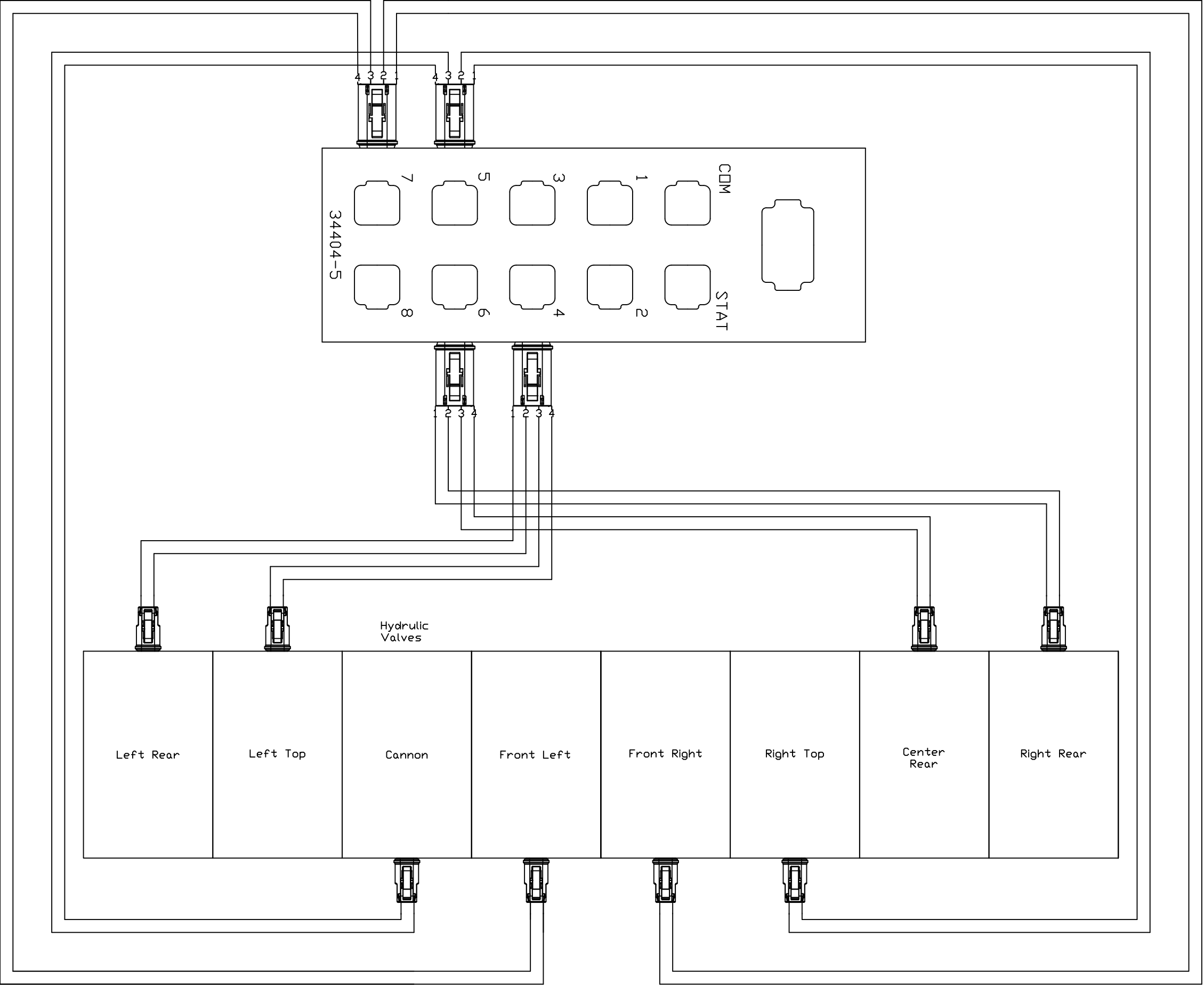
OPEN CIRCUIT ALLOWS THE SPRAY HEAD TO BE OPEN AND PUSH WATER. CLOSED CIRCUIT HOLDS HYDRAULIC PRESSURE TO KEEP THE SPRAY HEAD CLOSED. CHECK VALVE (3) KEEPS THE SYSTEM PRESSURE FROM BLEEDING OFF WHEN VALVE IS CLOSED.



PART NO.	1634-7800
TOLERANCES:	UNLESS OTHERWISE SPECIFIED:
FRACTIONAL:	± 1/8"
ANGULAR:	± 1°
TWO PLACE DECIMAL:	±.01"
THREE PLACE DECIMAL:	±.005"
PROPRIETARY AND CONFIDENTIAL	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.

NAME	DATE
MODEL BY: MLC	10/02/20
DRAWN BY: MLC	10/02/20
MATERIAL	ASM
PROCESS	A
THICKNESS	
UNITS	in
DO NOT SCALE DRAWING	

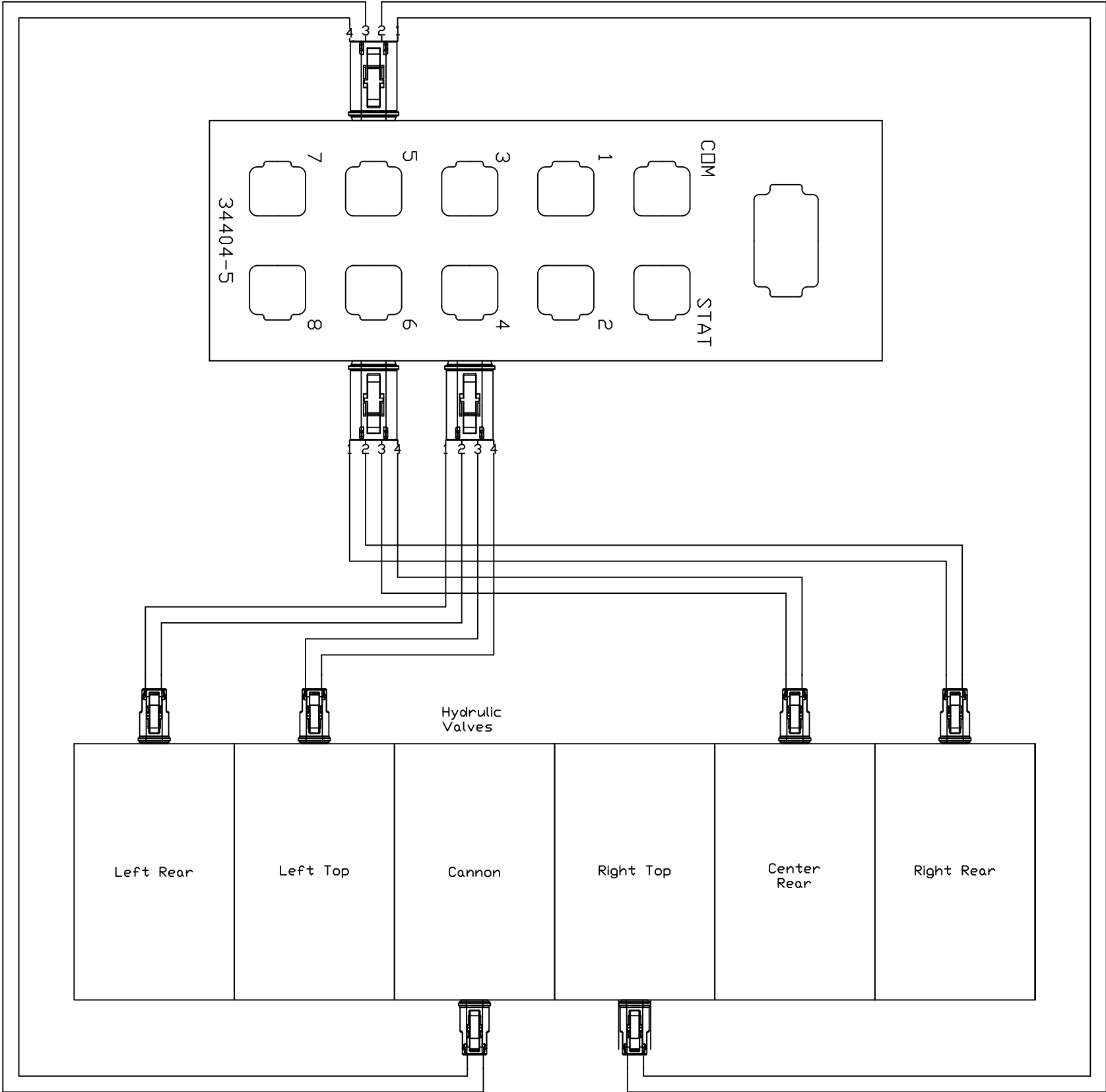
TITLE: HYDRAULIC VALVE SYSTEM, OFF ROAD WATER, 5 VALVE		
SIZE B	DRAWING NO. 1634-7800	REV 0
WEIGHT:		



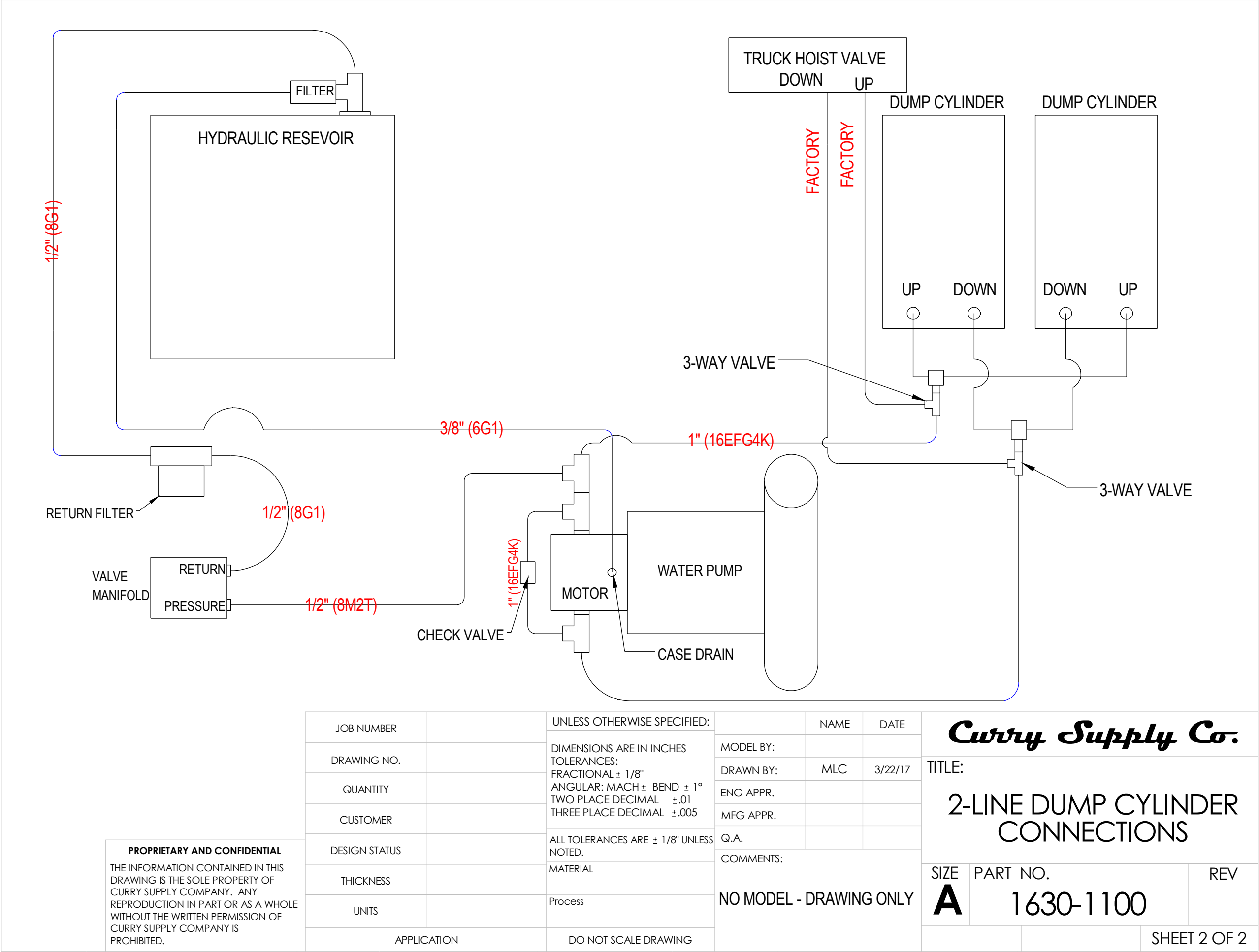
1



TITLE: ARTIC 2 SIDES 3 REAR 2 FRONT W/ LEVEL SENSOR		DATE: 5/24/2023
SIZE A3	DRAWING NO. 2187-1025	REV 5
SCALE: NTS	DRAWN BY: JS	SHEET 3 OF 4

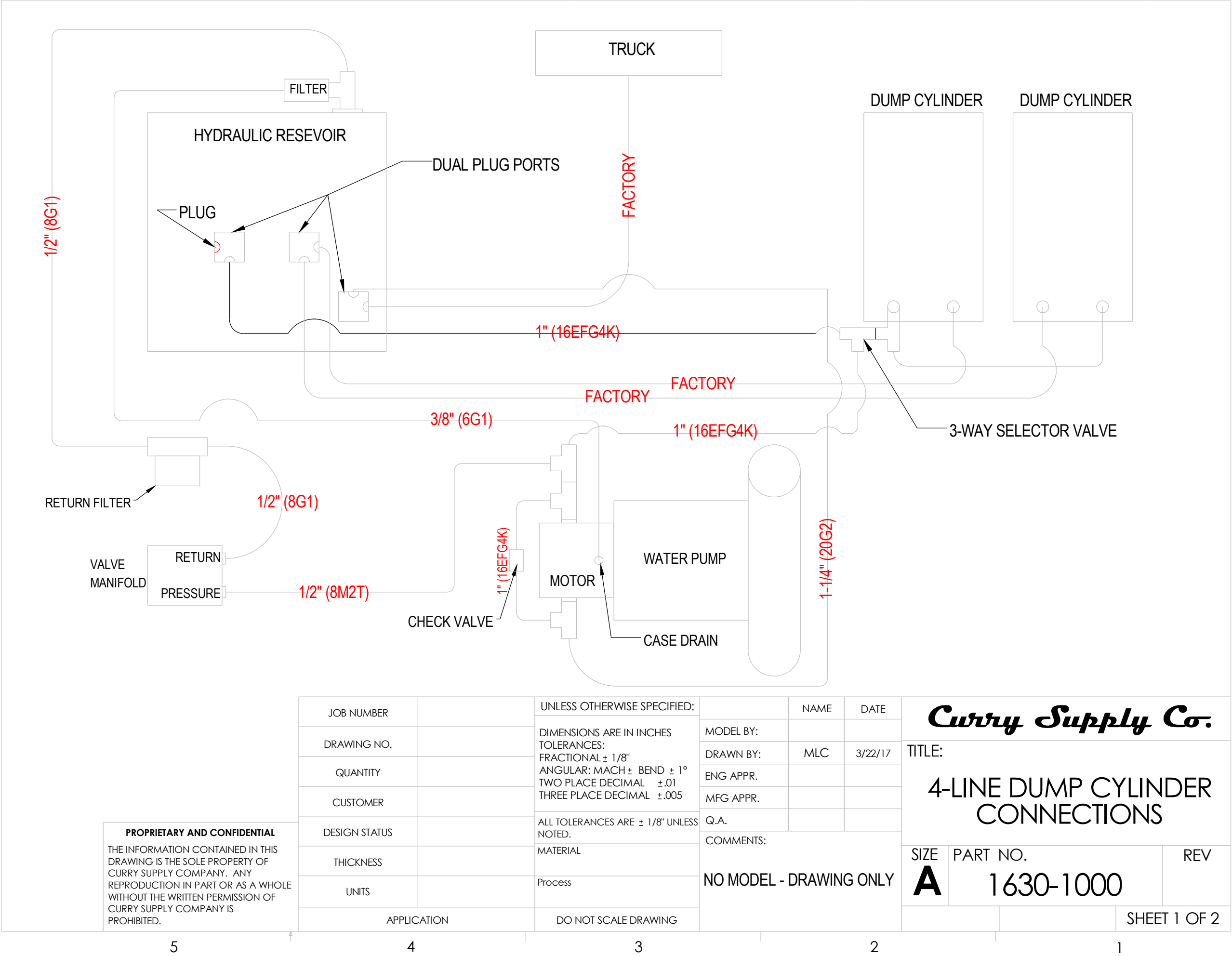


TITLE: ARTIC 2 SIDES 3 REAR W/ LEVEL SENSOR		DATE: 5/24/2023
SIZE A3	DRAWING NO. 2187-1025	REV 5
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 4



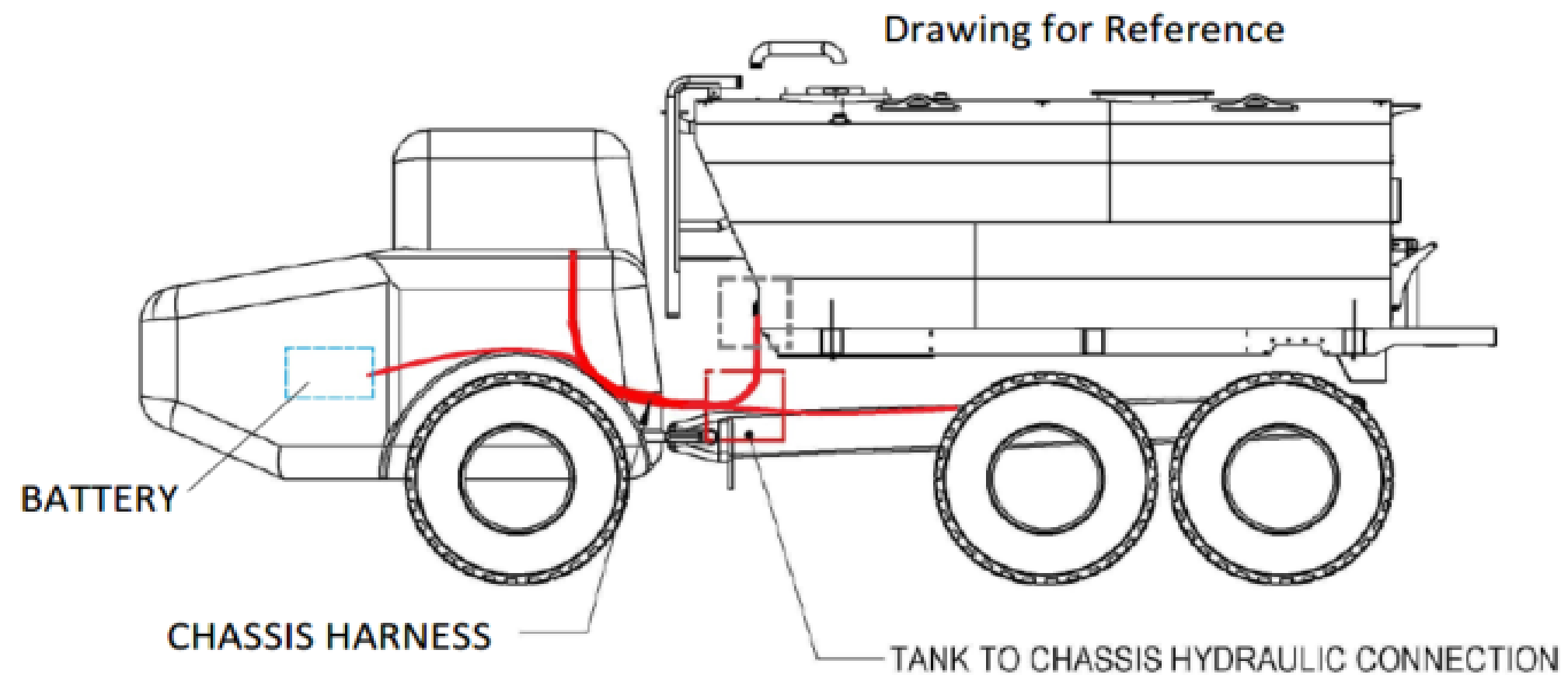
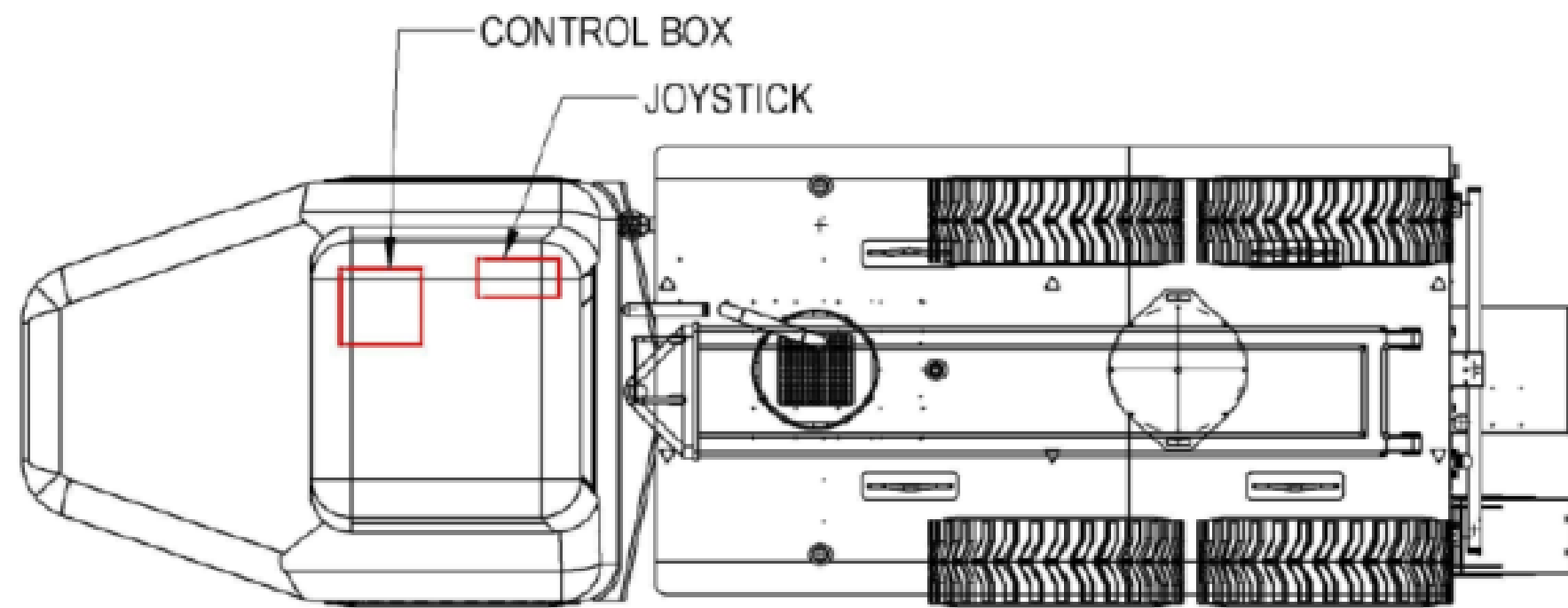
JOB NUMBER		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/8" ANGULAR: MACH ± BEND ± 1° TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005 ALL TOLERANCES ARE ± 1/8" UNLESS NOTED. MATERIAL Process DO NOT SCALE DRAWING		NAME	DATE	Curry Supply Co. TITLE: 2-LINE DUMP CYLINDER CONNECTIONS SIZEPART NO.REV A1630-1100 SHEET 2 OF 2		
DRAWING NO.			MODEL BY:					
QUANTITY			DRAWN BY:	MLC	3/22/17			
CUSTOMER			ENG APPR.					
DESIGN STATUS			MFG APPR.					
THICKNESS			Q.A.			NO MODEL - DRAWING ONLY		
UNITS			COMMENTS:					
APPLICATION								

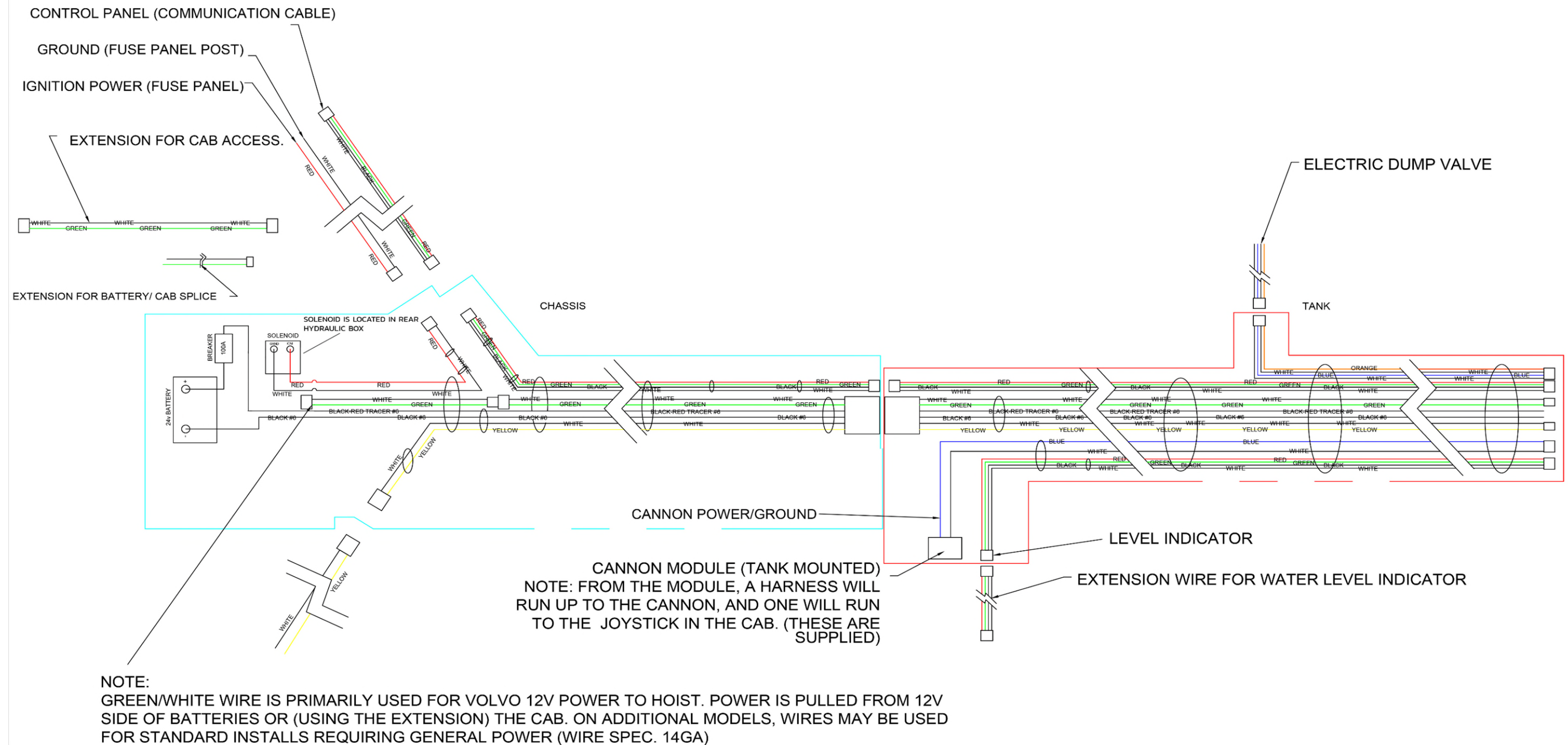
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
CURRY SUPPLY COMPANY. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
CURRY SUPPLY COMPANY IS
PROHIBITED.

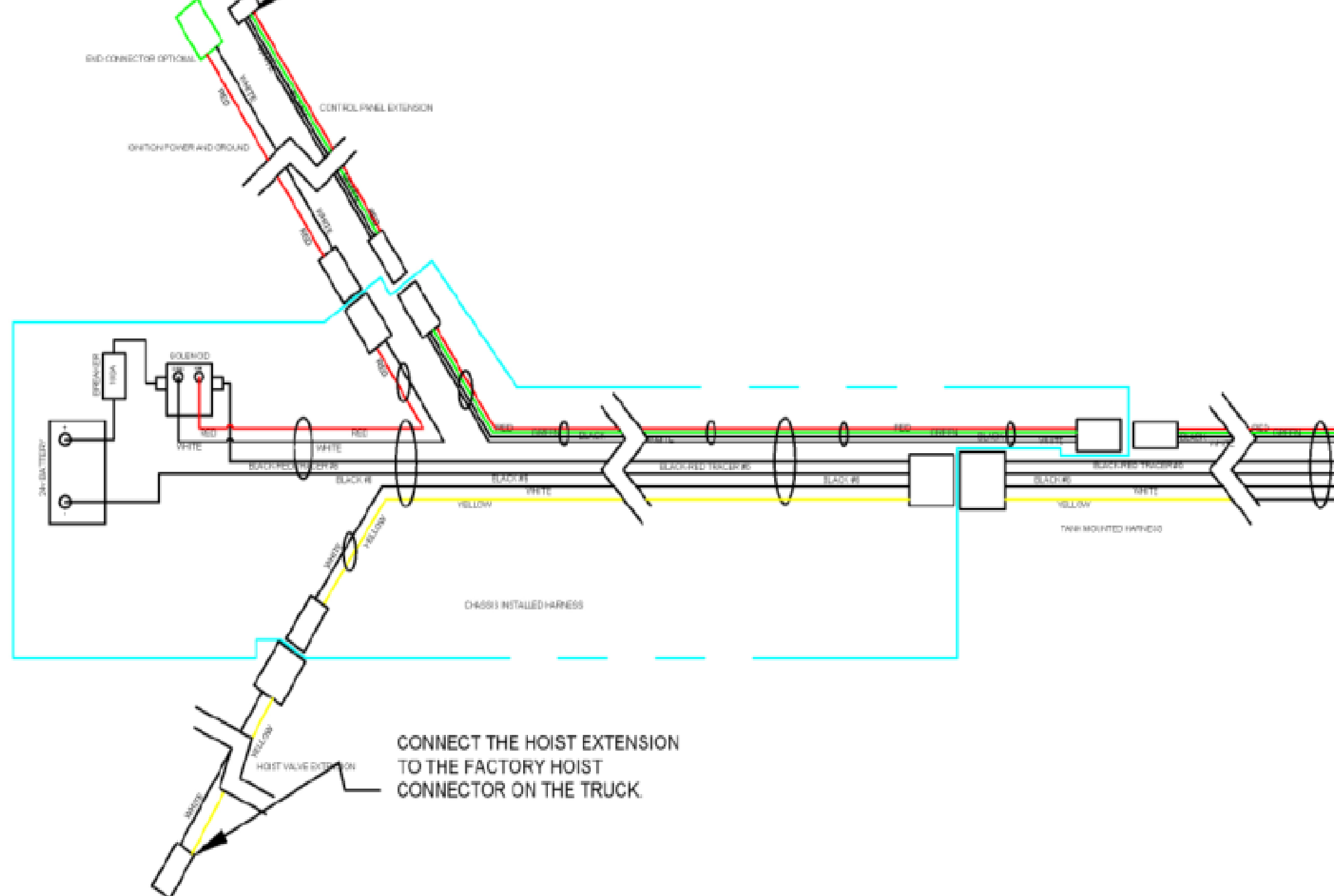
JOB NUMBER		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<i>Curry Supply Co.</i>		
DRAWING NO.		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/8" ANGULAR: MACH ± BEND ± 1° TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005	MODEL BY:			TITLE: 4-LINE DUMP CYLINDER CONNECTIONS		
QUANTITY			DRAWN BY:	MLC	3/22/17			
CUSTOMER			ENG APPR.					
DESIGN STATUS			MFG APPR.					
THICKNESS		ALL TOLERANCES ARE ± 1/8" UNLESS NOTED.	Q.A.					
UNITS		MATERIAL	COMMENTS: NO MODEL - DRAWING ONLY			SIZE	PART NO.	REV
APPLICATION		Process				A	1630-1000	
		DO NOT SCALE DRAWING						SHEET 1 OF 2



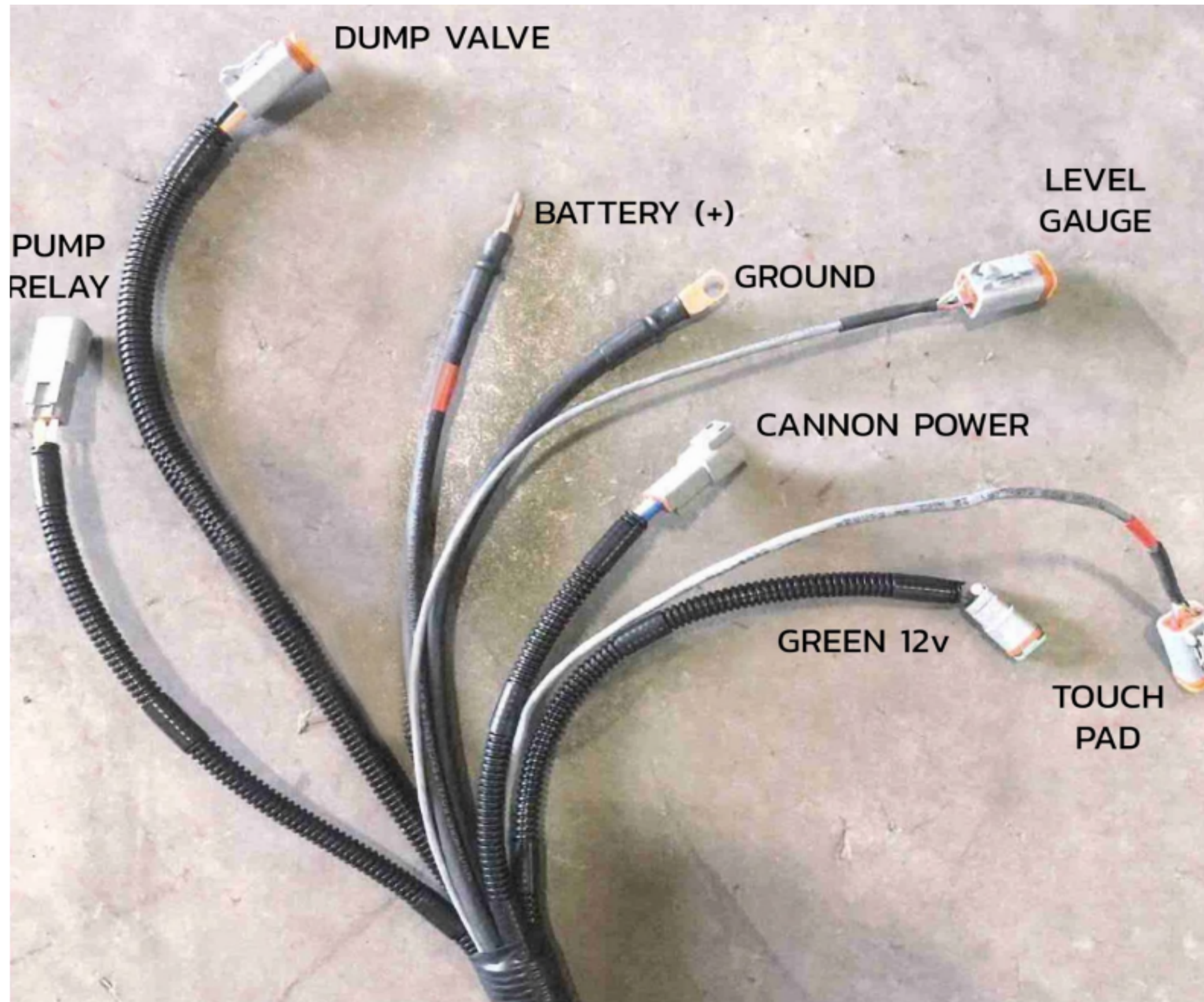


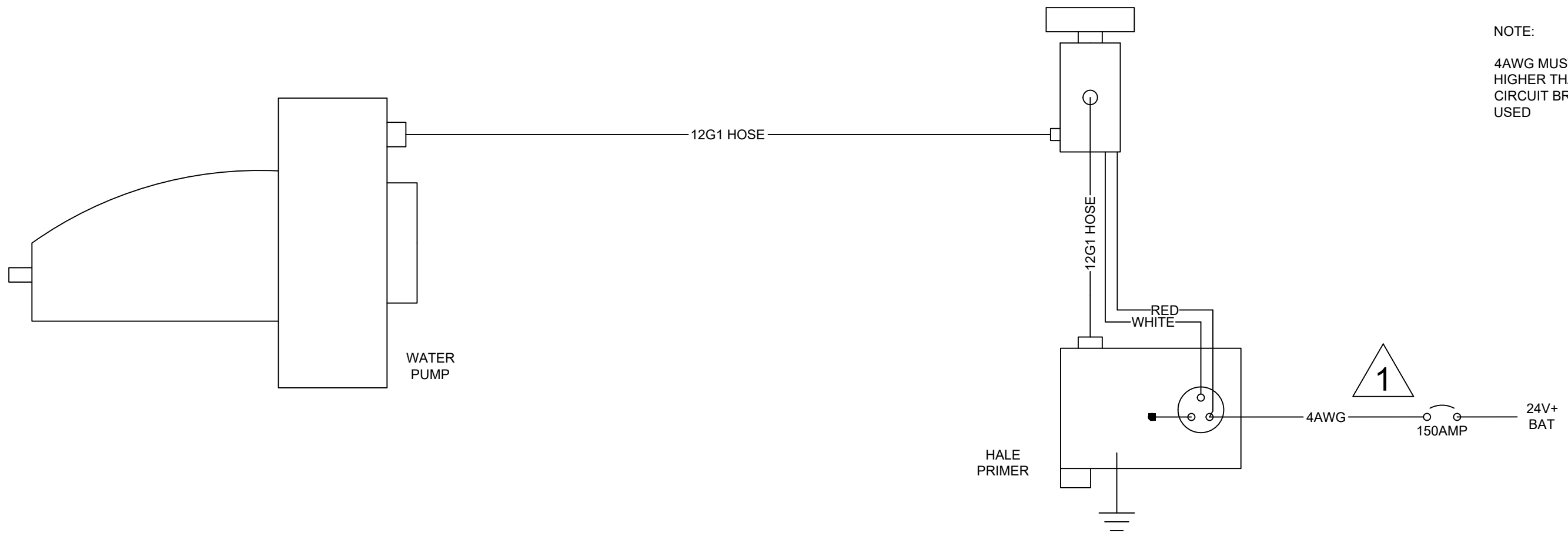
POWER FOR IGNITION
SHOULD BE LOCATED
INSIDE THE CAB.
THE END CONNECTOR
CAN BE USED FOR QUICK
REMOVAL.

HARNESS PLUGS INTO
THE BACK OF THE
CONTROL PANEL



CONNECT THE HOIST EXTENSION
TO THE FACTORY HOIST
CONNECTOR ON THE TRUCK.





NOTE:
4AWG MUST BE RATED
HIGHER THAN THE
CIRCUIT BREAKER
USED



TITLE:HALE PRIMER ISTALL HYDREMA		DATE 5/6/24
SIZE	DRAWING NO. 2187-1030	REV 1
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 2

NOTES:
DRAWING NOT TO SCALE.
FOR REFERENCE ONLY.

REV.	ZONE	DESCRIPTION	BY	ECN NUMBER
B	C7, C8	ADDED NOTE ABOUT EXTENSION HARNESS 37527000 BEING USED BETWEEN THE JOYSTICK AND MODULE	KAP	170512

NITRO HD JOYSTICK
P/N 41067000

OPTIONAL: EXTEND LENGTH BETWEEN
MODULE AND JOYSTICK UP TO 75
FEET BY ADDING UP TO 5 EXTENSION
HARNESSES, P/N 37527000 HERE.

OPTIONAL: REMOVE JOYSTICK
FROM ENCLOSURE AND
USE AS PANEL MOUNT

10" HARNESS

NITRO HD MODULE
P/N 81824001

NITRO HD MONITOR
P/N 00008101

MODULE TO JOYSTICK HARNESS
P/N 37523000

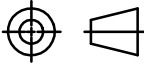
MODULE TO MONITOR HARNESS
P/N 37522000

8' HARNESS SUPPLIED
BY ELKHART BRASS

POWER & GROUND LEADS
TO BE CONNECTED BY CUSTOMER,
1' LENGTH, HEAT SHRINKABLE SPLICES

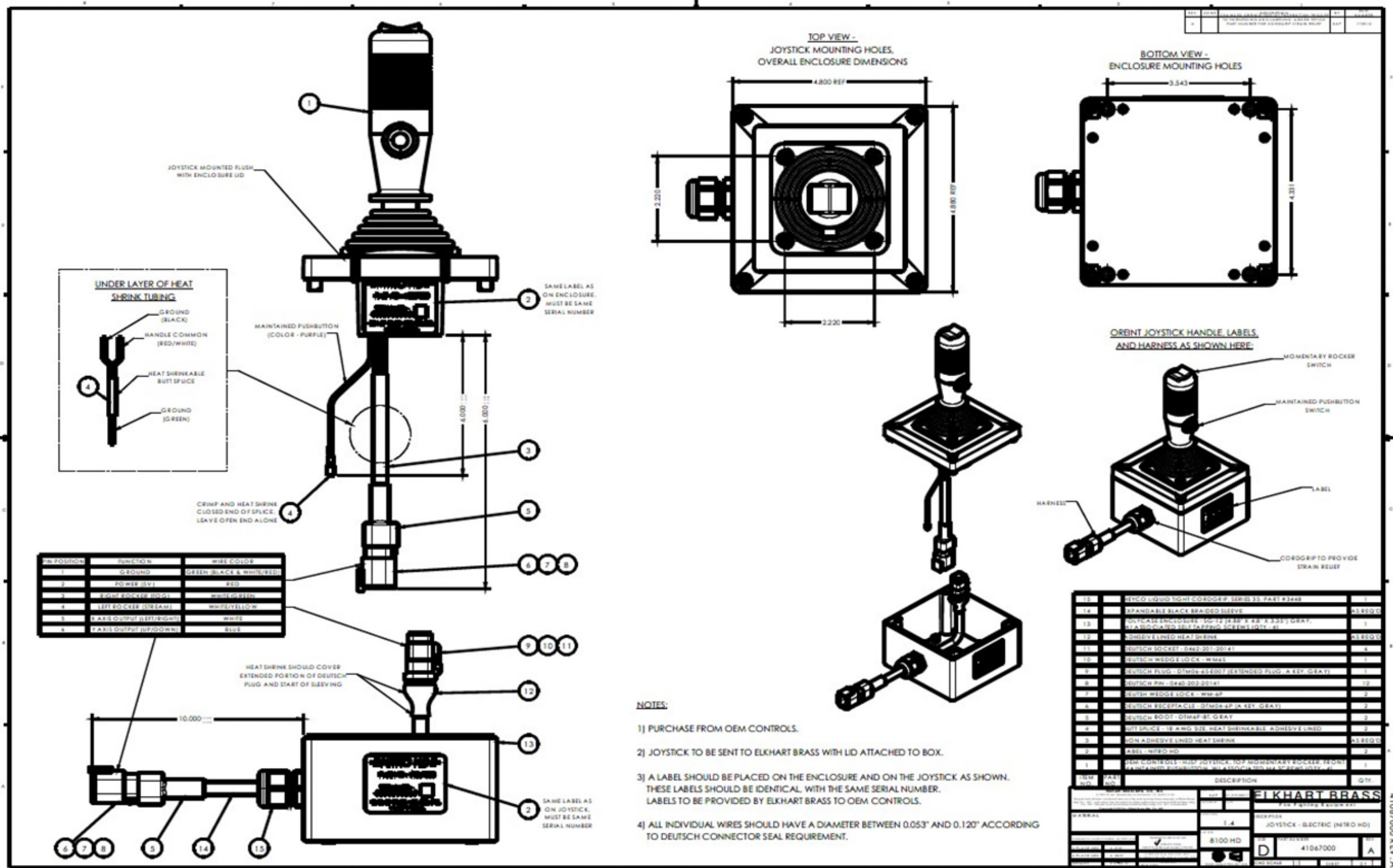
15' HARNESS SUPPLIED
BY ELKHART BRASS

NITRO HD LAYOUT DRAWING, KIT #1

ELKHART BRASS MFG. CO., INC. #1302 West Beardsley Ave, Elkhart, IN 46514, USA This print and all data contained here on is the sole and exclusive property of Elkhart Brass Mfg. Co., INC., and will not be disclosed to others without the consent of Elkhart Brass Mfg. Co., INC. This print must be returned to Elkhart Brass Mfg. Co., INC. if requested. Copyright © 2012 by Elkhart Brass Mfg. Co., INC.				DRAWN BY KAP DATE 12/01/2016		ELKHART BRASS Fire Fighting Equipment					
MATERIAL N/A				WEIGHT (LBS) 13.3		DESCRIPTION NITRO HD (KIT #1)					
TOLERANCE UNLESS OTHERWISE SPECIFIED		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT		ASSEMBLY  THIRD ANGLE PROJECTION		SIZE B		CATALOG NO. 8100 HD		REV. B	
1 PLACE DEC.	± .12"										
2 PLACE DEC.	REF	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M 1994				CAD SCALE 1:1		SHEET 1		OF 1	
ANGLES	± 1°	CAD MODEL: 8100 HD									

Ver. 1.0

8100 HD (00008102) REV. B



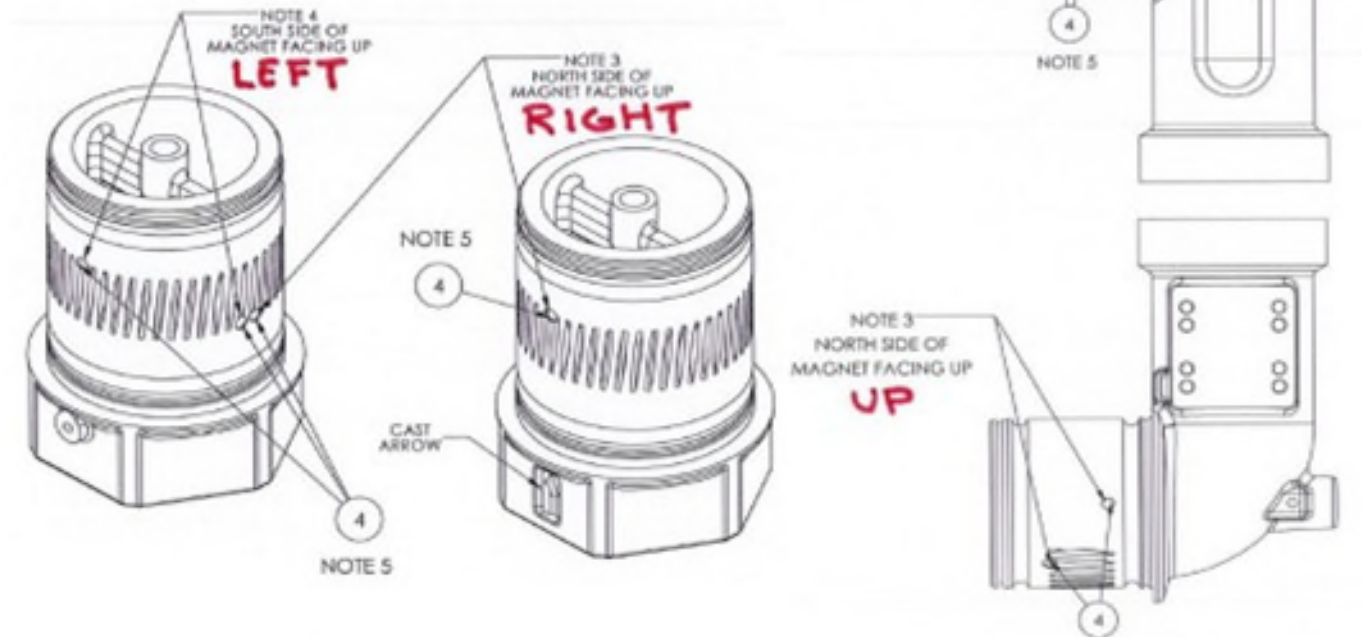
8100HD (Nitro HD) position sensor testing information

The position sensor used for controlling Vertical and Horizontal travel on the 8100HD (Nitro HD) is p/n 67566000.

- The sensors RED wire should have +5 volts on it.
- The sensors BLACK wire should be GROUND.
- The sensors GREEN wire should have;
 - Around +2.5v when no magnet is detected.
 - It should drop below +2.5 volts (around +1.5v) when detecting the North Pole of a magnet (RIGHT or UP).
 - It should go above +2.5 volts (around +3.5v) when detecting the South Pole of a magnet (LEFT or DOWN).

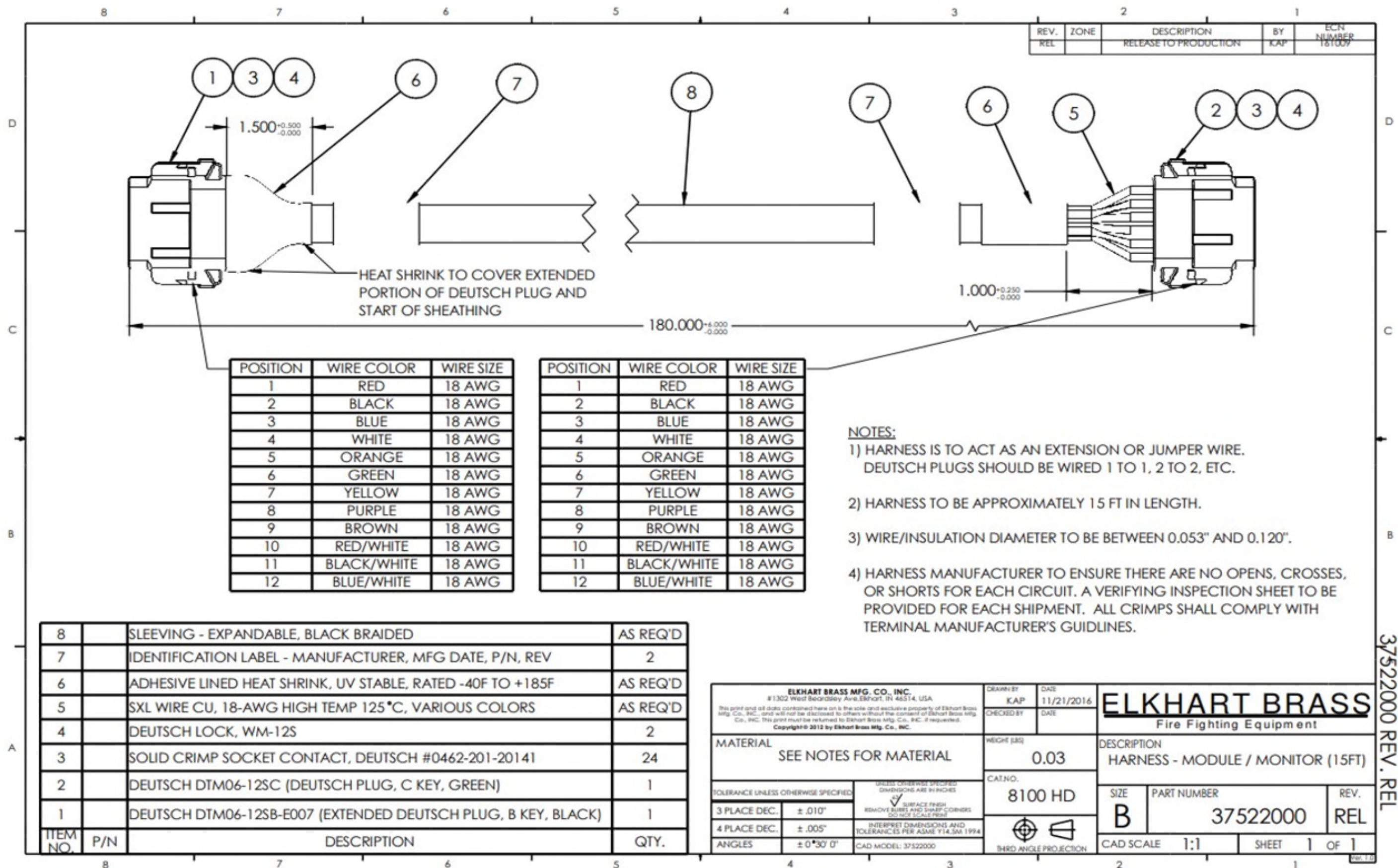
The magnets used on the 8100HD (Nitro HD) are p/n 46057000 and are positioned as follows.

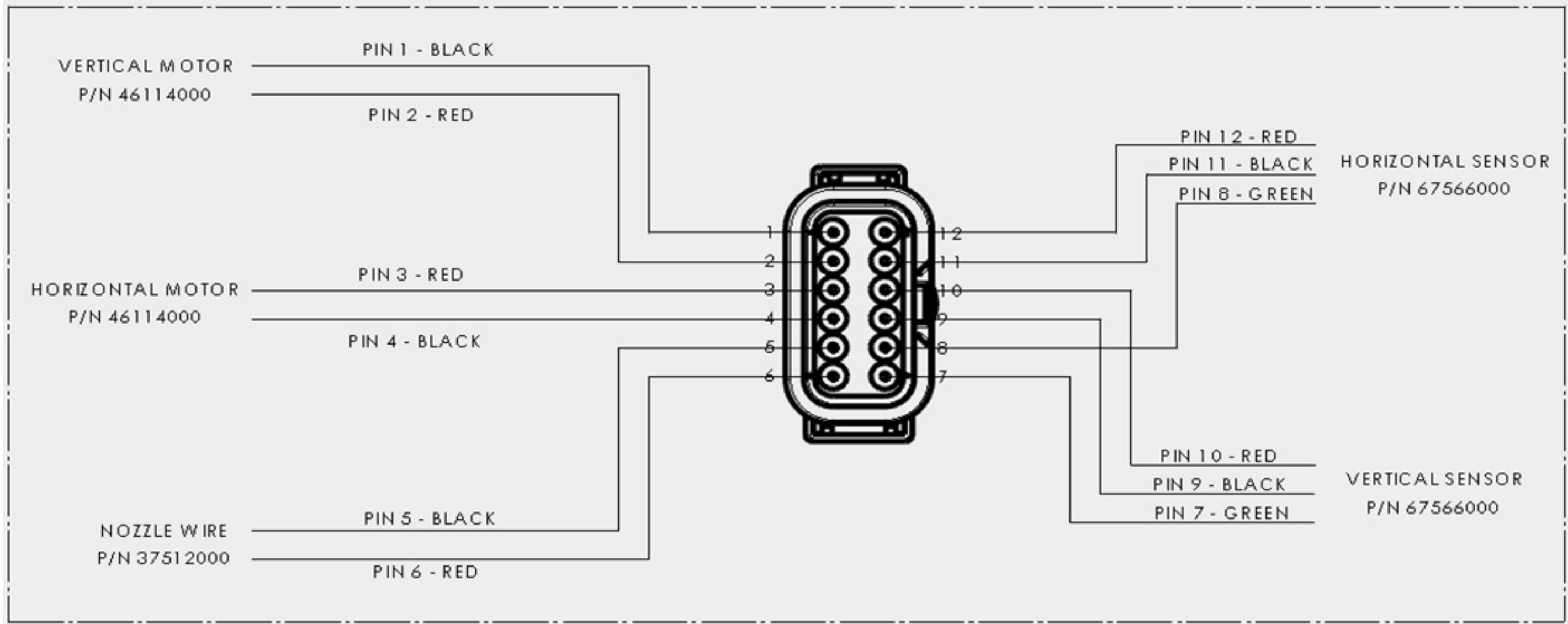
- North Pole facing out for RIGHT and UP limits.
- South Pole facing out for LEFT and DOWN limits.

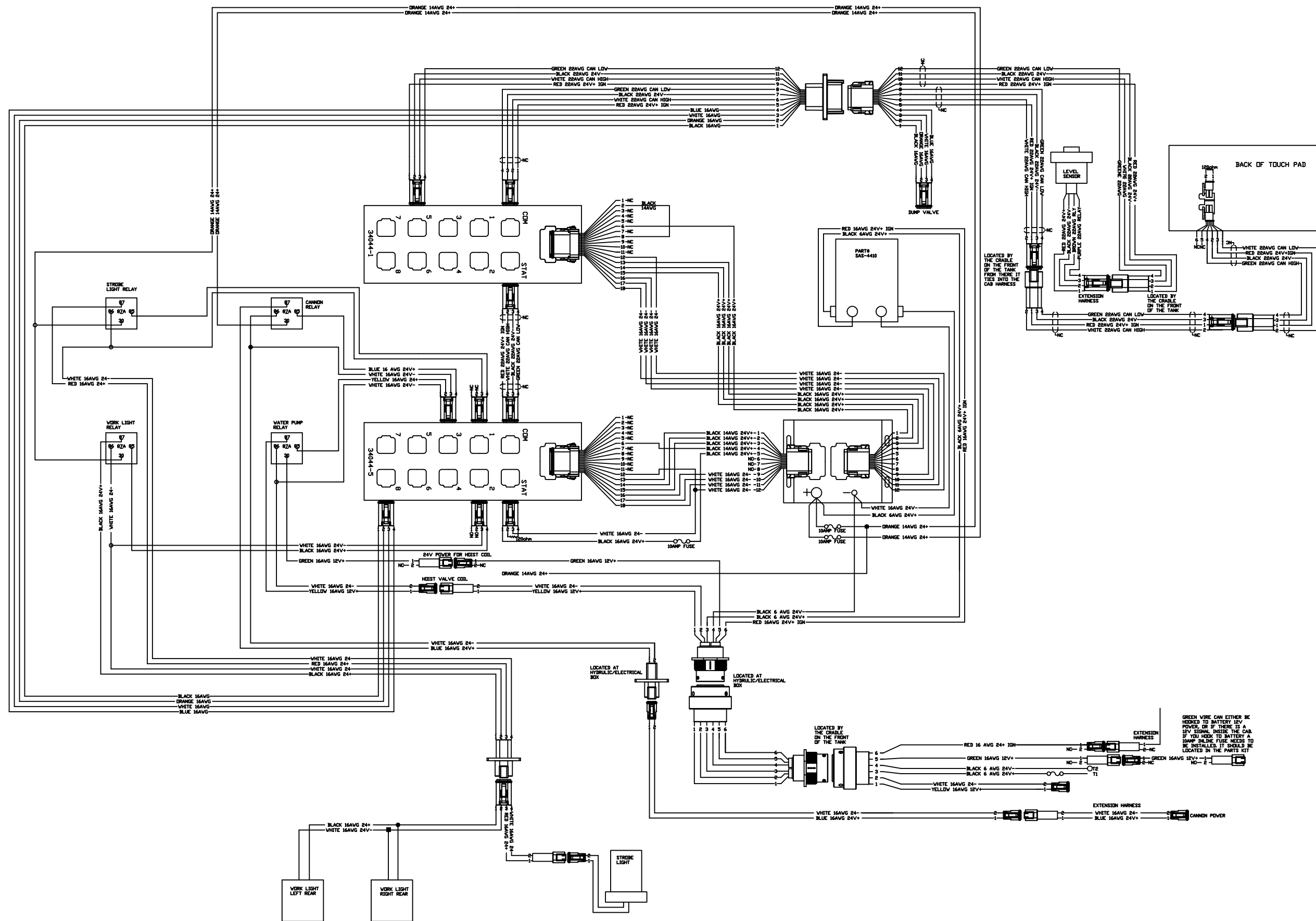


Last Revised 01/23/23

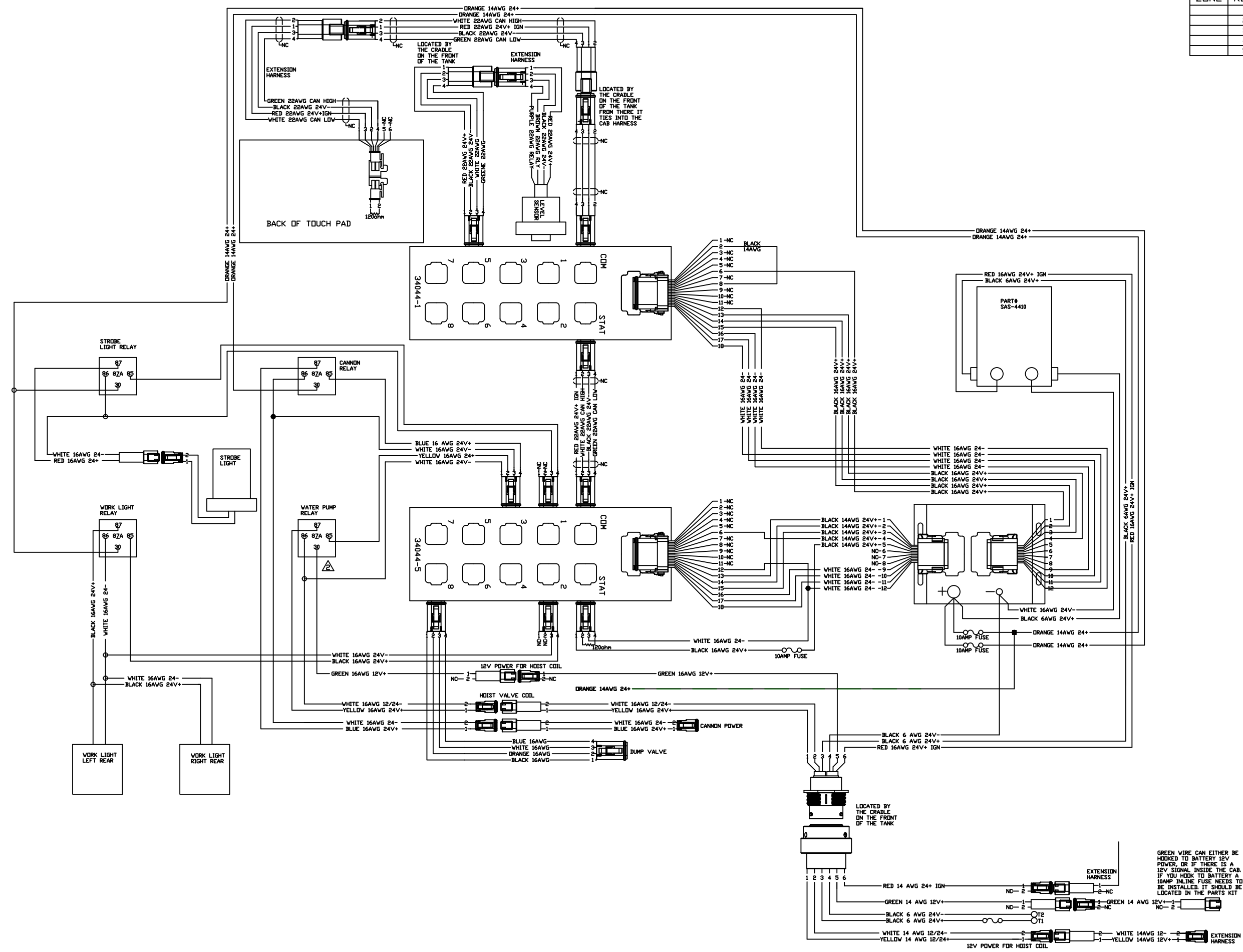
Elkhart Brass Mfg. Co., Inc. 1302 W. Beardsley Avenue • Elkhart, Indiana 46514 • 1-574-295-8330 • 1-800-346-0250
www.elkhartbrass.com







TITLE: 12V HOIST CIRCUIT Hydraulic Box New Design		DATE: 4/2/2024
SIZE A3	DRAWING NO. 2187-1025	REV 5
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 4

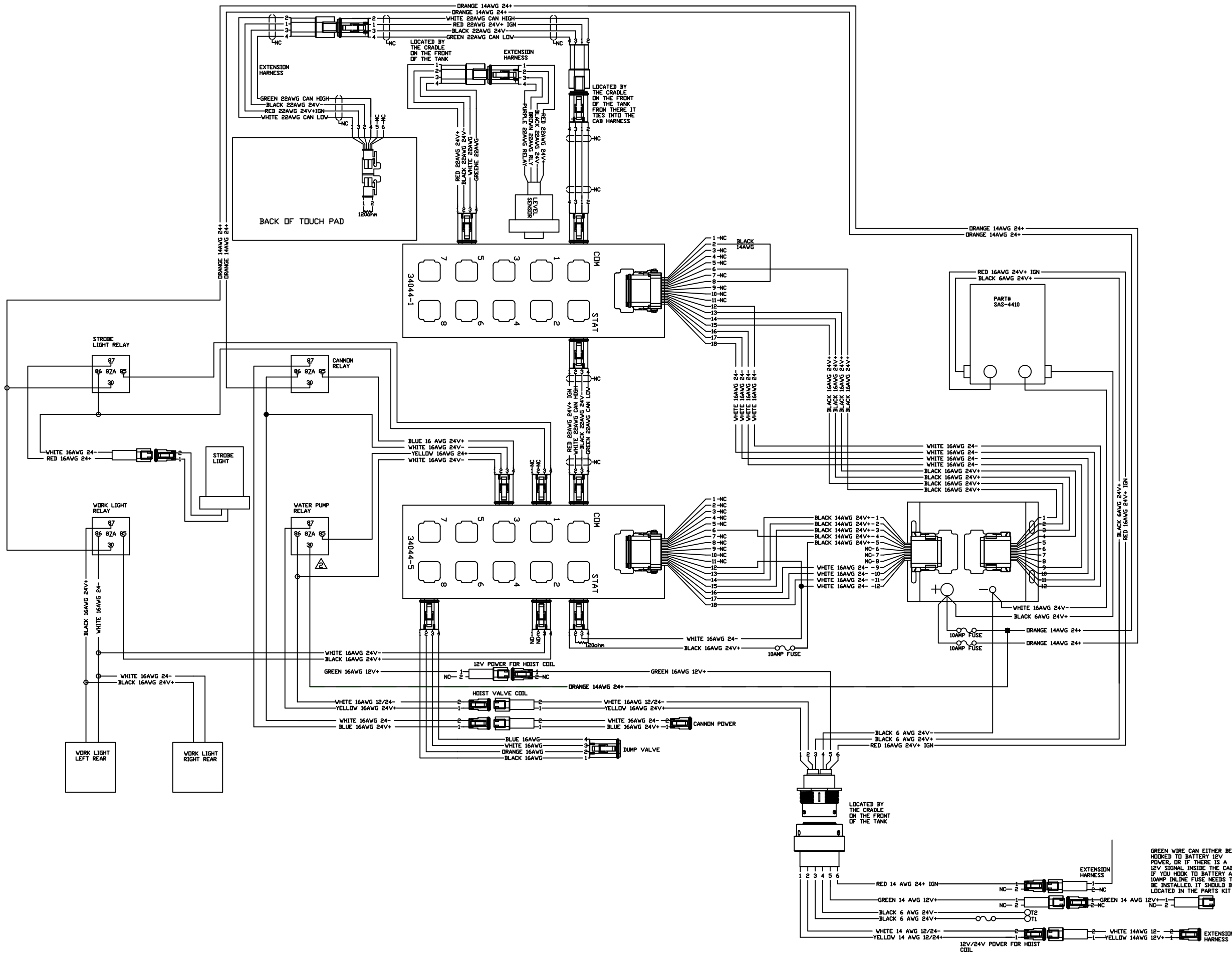


REVISION TABLE				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	added new hydraulic valve dwg on page 3	08/17/2023	JS
	2	added komatsu hoist circuit dwg	10/31/2023	JS
	3	ADDED VULKIN OFF ROAD CIRCUIT	12/12/2023	JS
	4	ADDED EPC SOL A	03/19/2024	JS
	5	ADDED NEW STYLE HYD BOX	04/02/2024	JS



TITLE: 12V HOIST CIRCUIT Hydraulic Box		DATE: 5/24/2023
SIZE A3	DRAWING NO. 2187-1025	REV 5
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 4

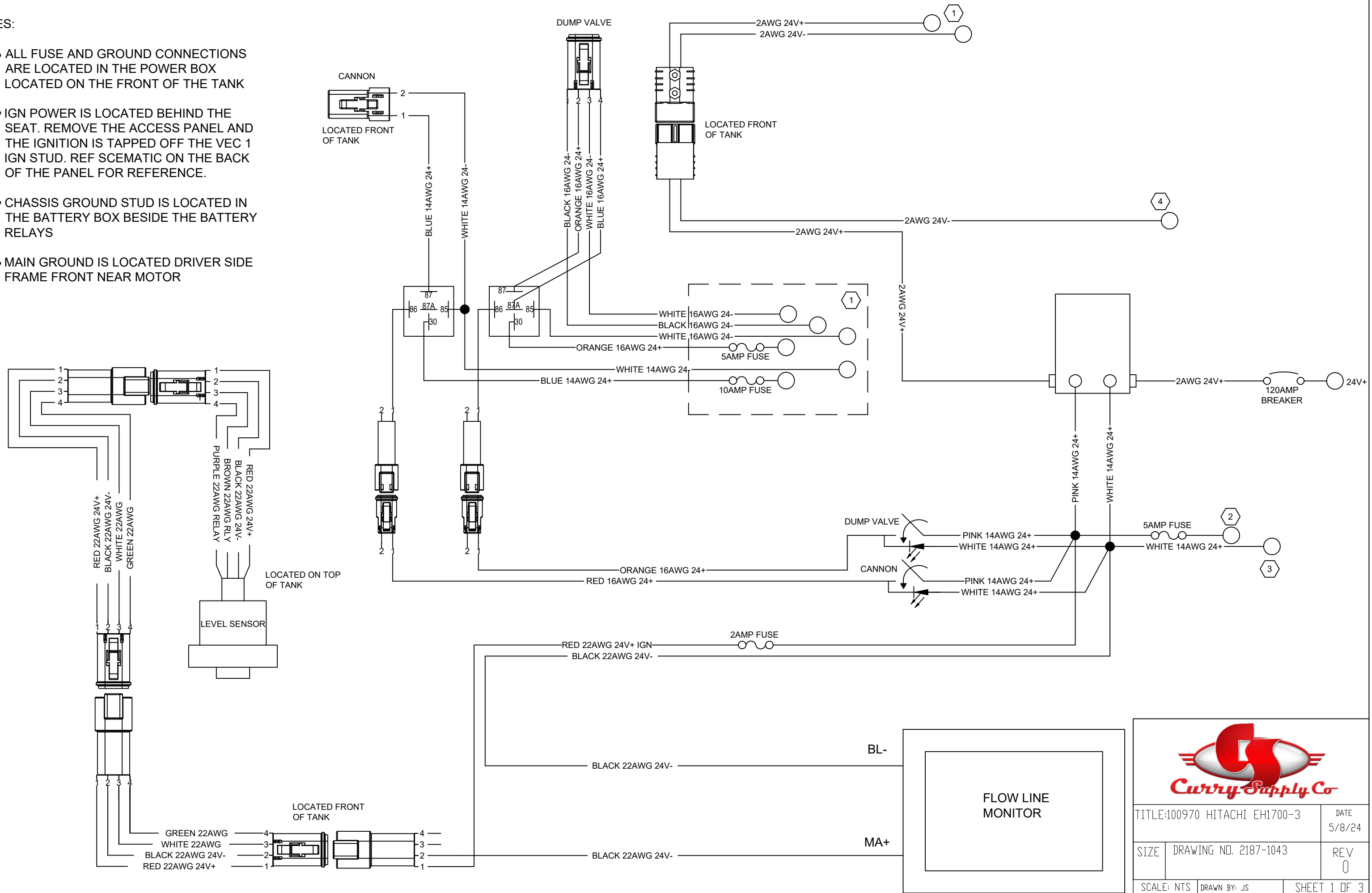
GREEN WIRE CAN EITHER BE HOOKED TO BATTERY 12V POWER, OR IF THERE IS A 12V SIGNAL INSIDE THE CAB. IF YOU HOOK TO BATTERY A 10AMP INLINE FUSE NEEDS TO BE INSTALLED. IT SHOULD BE LOCATED IN THE PARTS KIT



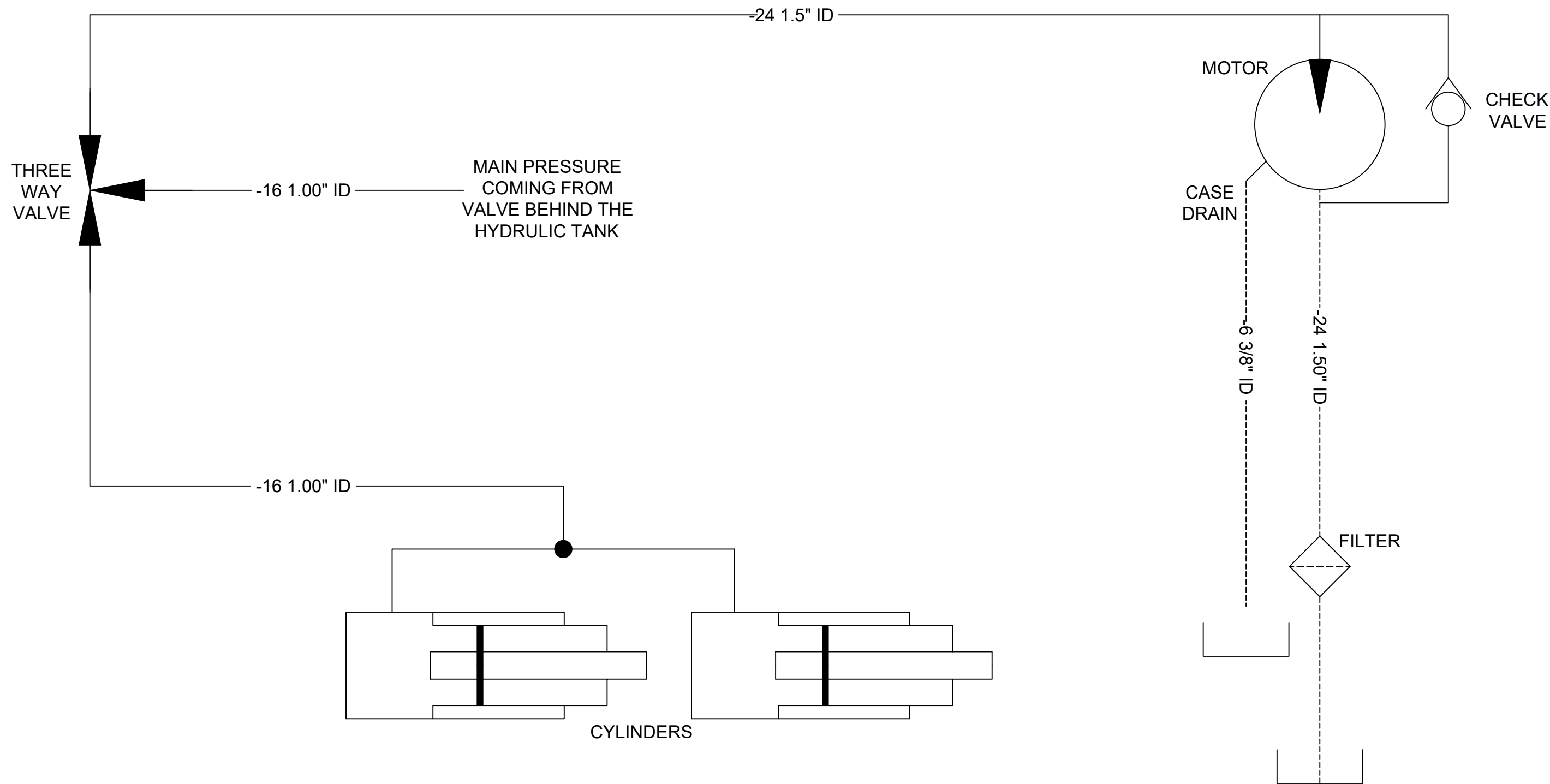
TITLE: 24V HOIST CIRCUIT Hydraulic Box		DATE: 5/24/2023
SIZE A3	DRAWING NO. 2187-1025	REV 5
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 9

NOTES:

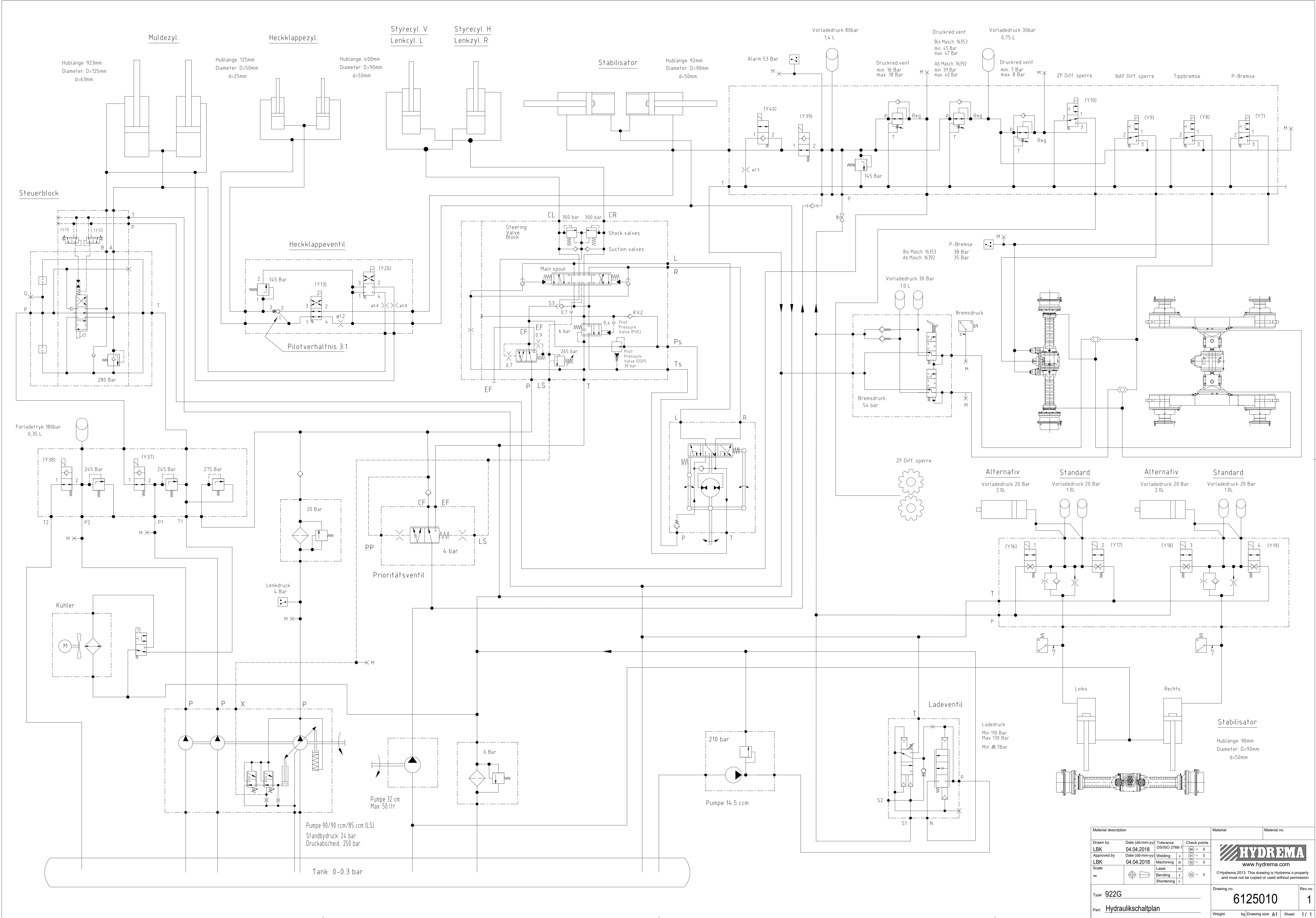
- 1 ALL FUSE AND GROUND CONNECTIONS ARE LOCATED IN THE POWER BOX LOCATED ON THE FRONT OF THE TANK
- 2 IGN POWER IS LOCATED BEHIND THE SEAT. REMOVE THE ACCESS PANEL AND THE IGNITION IS TAPPED OFF THE VEC 1 IGN STUD. REF SCHEMATIC ON THE BACK OF THE PANEL FOR REFERENCE.
- 3 CHASSIS GROUND STUD IS LOCATED IN THE BATTERY BOX BESIDE THE BATTERY RELAYS
- 4 MAIN GROUND IS LOCATED DRIVER SIDE FRAME FRONT NEAR MOTOR



TITLE:100970 HITACHI EH1700-3		DATE 5/8/24
SIZE	DRAWING NO. 2187-1043	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 3



TITLE:100970 HITACHI EH1700-3		DATE 5/8/24
SIZE	DRAWING NO. 2187-1043	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 2



Generelt

Diagrammet er opbygget som et nøglediagram, hvor strømkilderne øverst, og stel nederst er ført igennem på alle siderne. Diagrammet er velegnet til fejlfinding, idet ledninger og stikforbindelser er identificerbare.

Hver del i diagrammet med bogstav og nr., har henvisning til komponentlisten. Nederst på diagrammet er vist symboler for de aktuelle funktioner. (symbolforklaring, se evt. tegning 413620)

Alle ledninger som findes i praksis er ikke nødvendigvis at finde i diagrammet, men alle samlinger i et givet kredsløb er illustreret med et punkt -●- for en forbindelse og -o- for en stikforbindelse, f.eks. X2-38, hvor X2 er multistiknr. og 38 er ben nr.

Henvisninger: Eks.: X2-38 18 henvisning til multistik X2 ben 38 på side 18.

IN GENERAL

The circuit diagram is a key chart. The power sources are indicated at the top of the pages, the frame lead at the bottom. The circuit diagram is suited to trouble shooting, as the wires and connections are identifiable.

All parts with a letter and a number refer to the components list. At the bottom of the diagram you can see the symbols for the functions (for meaning of symbols see also drawing 413630).

Not all existing wires are shown in the circuit diagram. However, all connections of the different circuits are indicated with -●- and all connectors with -o-. For ex. X2-38: X2 = multi-connector and 38 = pin.

Example: X2-38 18 leads to multi-connector X2, pin 38 on page 18.

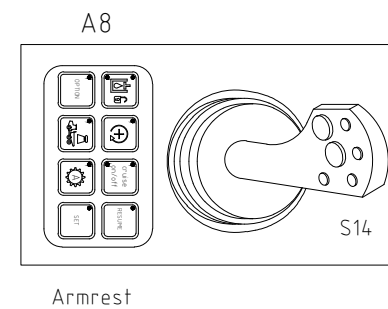
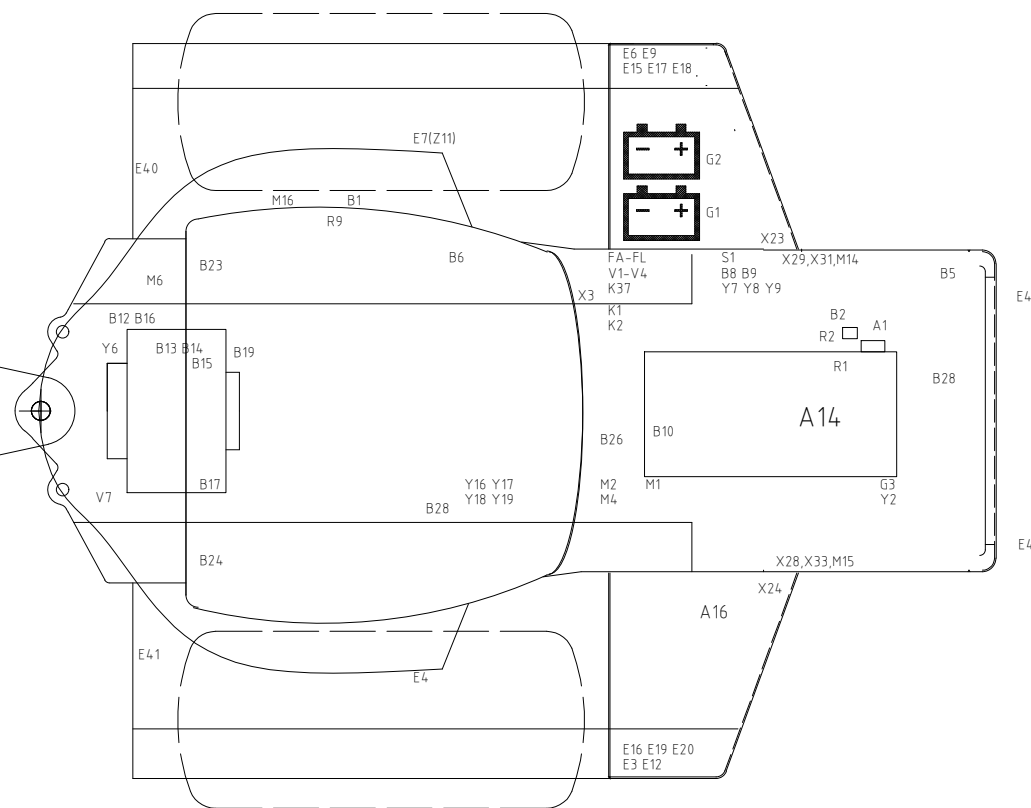
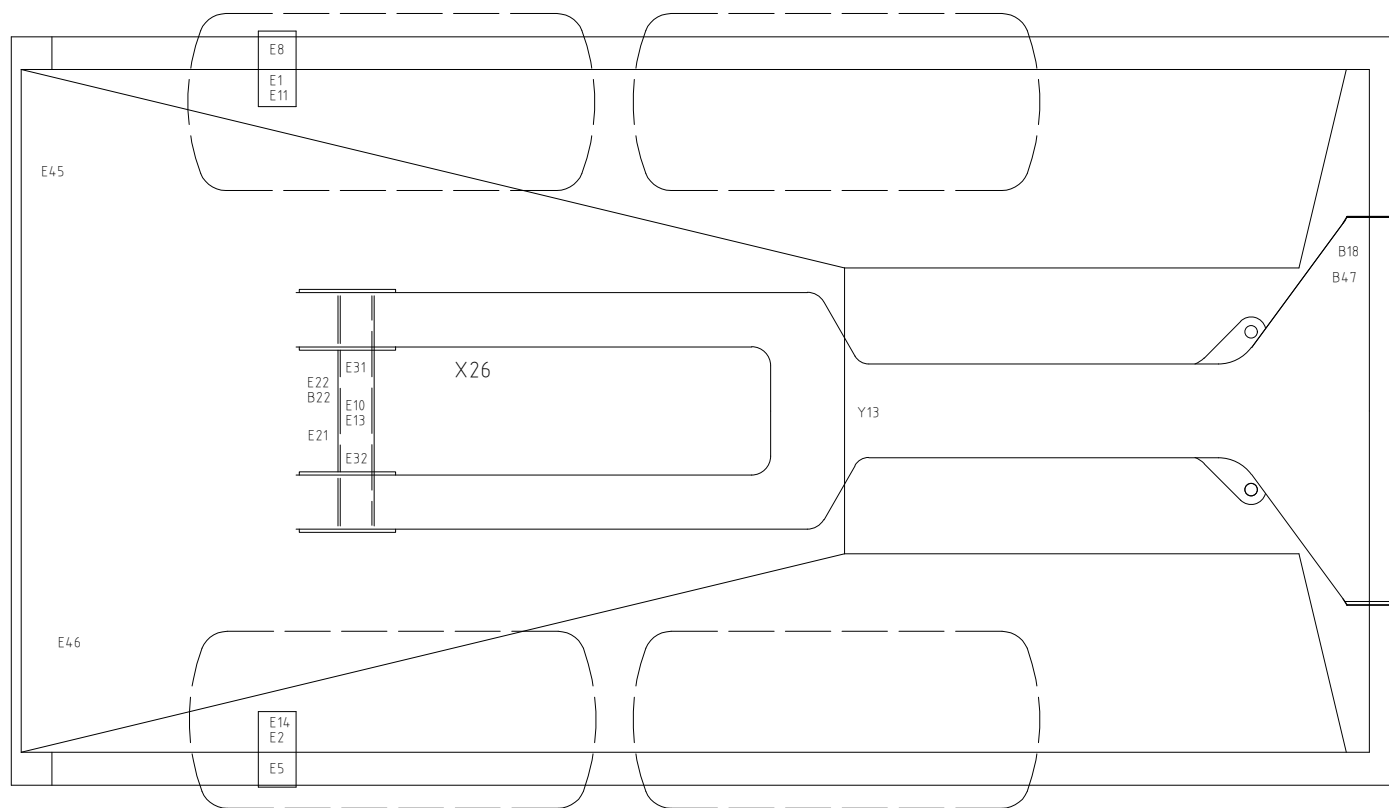
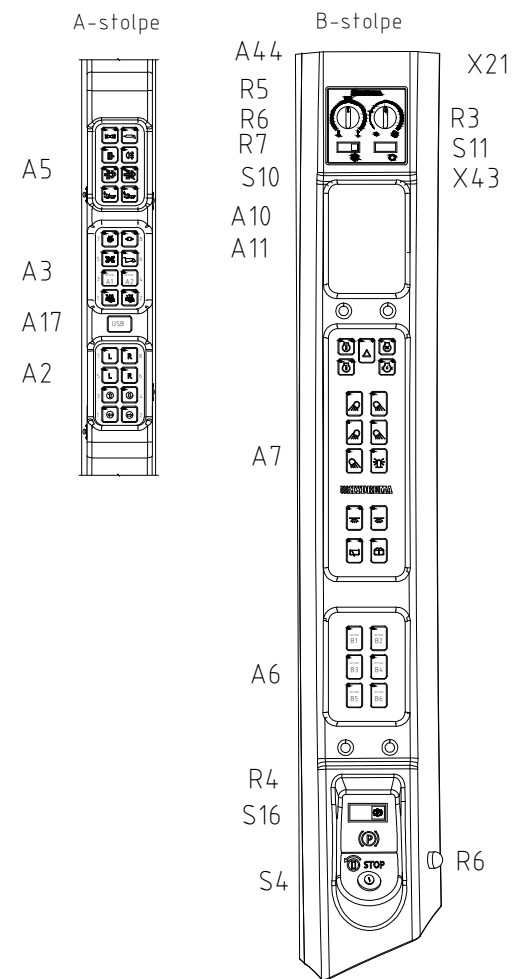
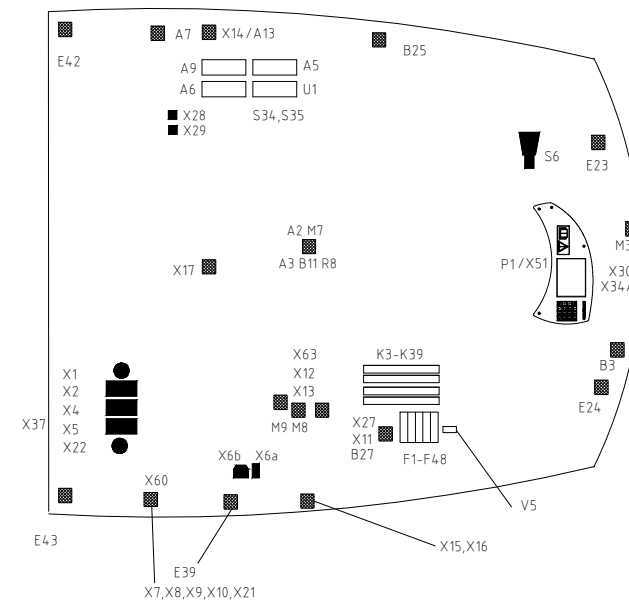
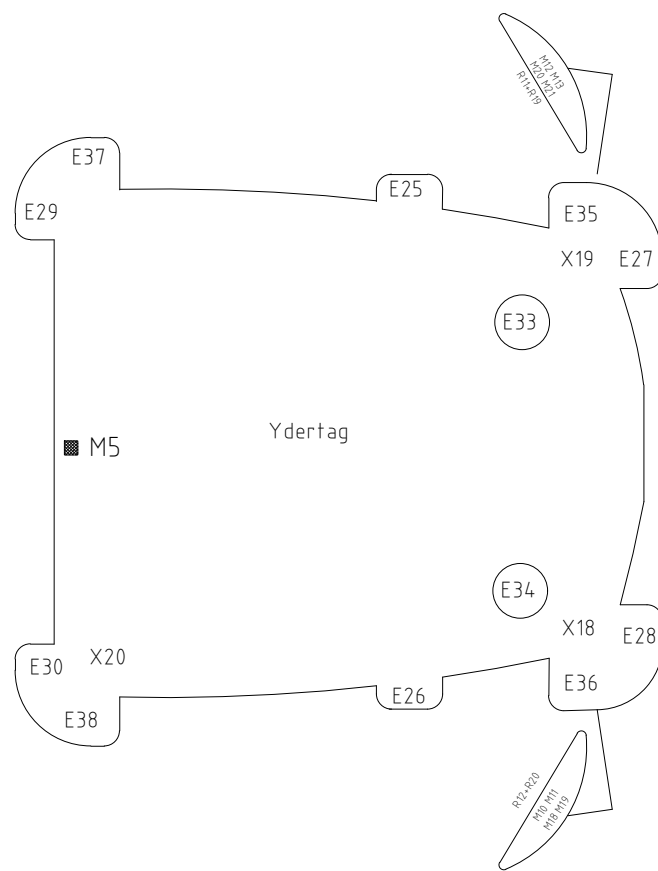
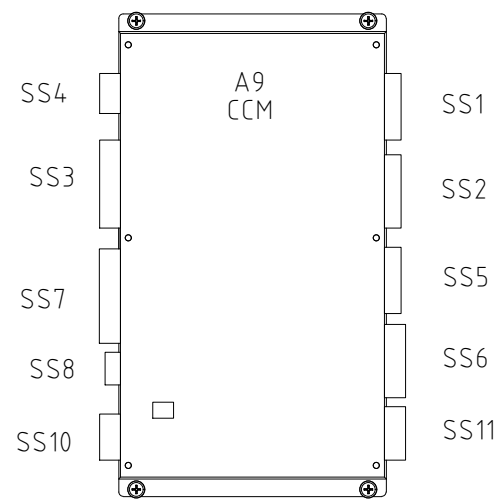
ALLGEMEINES

Der Schaltplan ist Schlüsseldiagramm. Die Stromquellen sind über alle Seiten hinweg ganz oben und die Masseleitung unten angezeigt. Der Schaltplan eignet sich zur Fehlersuche, da Leitungen und Verbindungen identifizierbar sind.

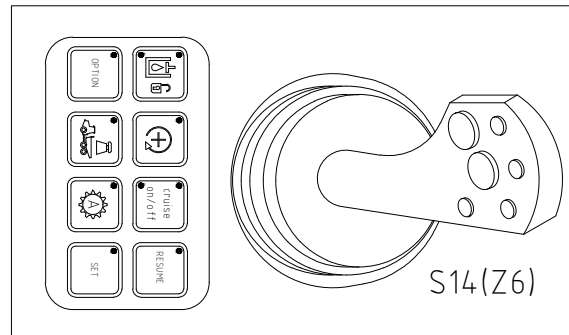
Alle Teile mit Buchstabe und Nr. beziehen sich auf die Bauteileliste. Ganz unten im Schaltplan sind Symbole für die Funktionen gezeigt (zur Symbolerklärung s. auch Zeichnung 413630).

Nicht alle vorhandenen Leitungen sind im Schaltplan zu finden. Doch sind im jeweiligen Stromkreis alle Anschlüsse mit -●- und alle Steckerverbindungen mit -o- wiedergegeben, z. B. X2-38: Multistecker X2 und Steckerstift 38.

Beispiel: X2-38 18 weist auf Multistecker X2 und Steckerstift 38 auf Seite 18 hin.



A8 (Z6)

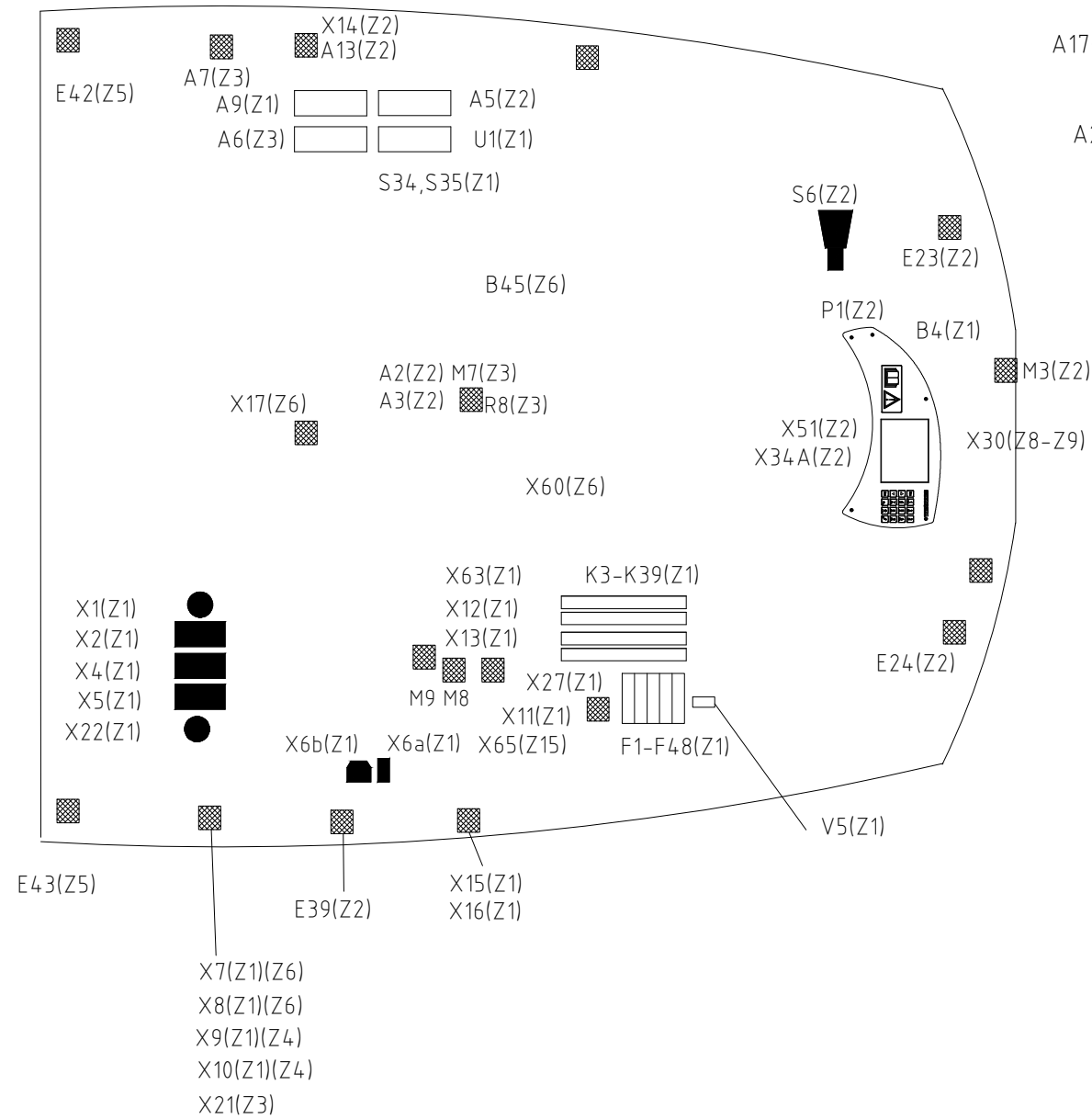
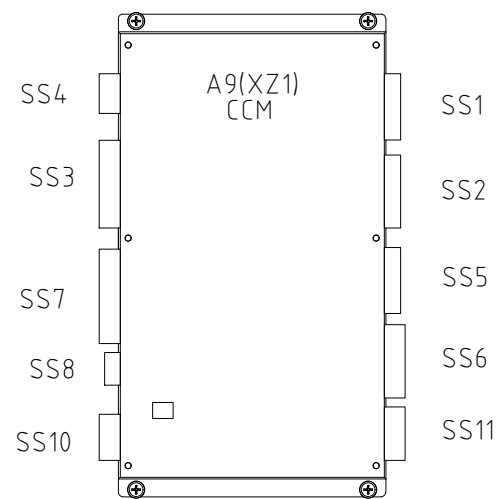


Armlehne

KABINE

A-stolpe(Z2)

B-stolpe(Z3)

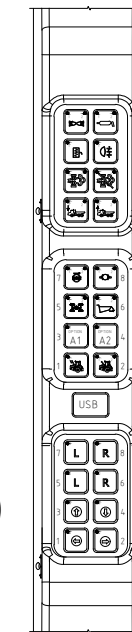


A5(Z2)

A3(Z2)

A17(Z2)

A2(Z2)



R5(Z3)
R7(Z3)
S10(Z3)

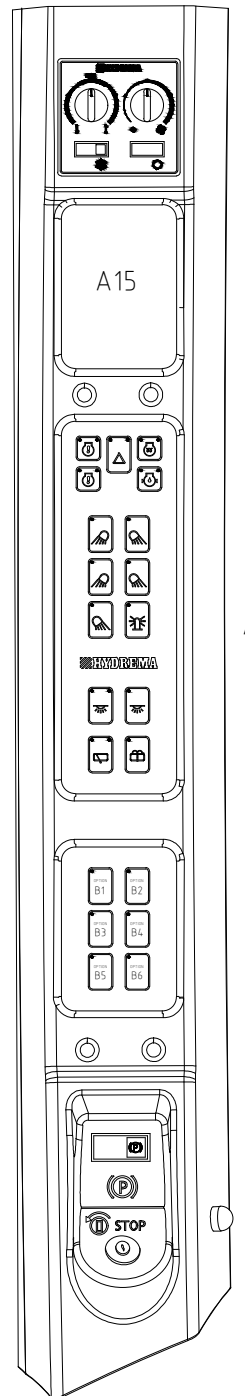
A7(Z3)

A6(Z3)

R4(Z3)

S16(Z3)

S4(Z3)

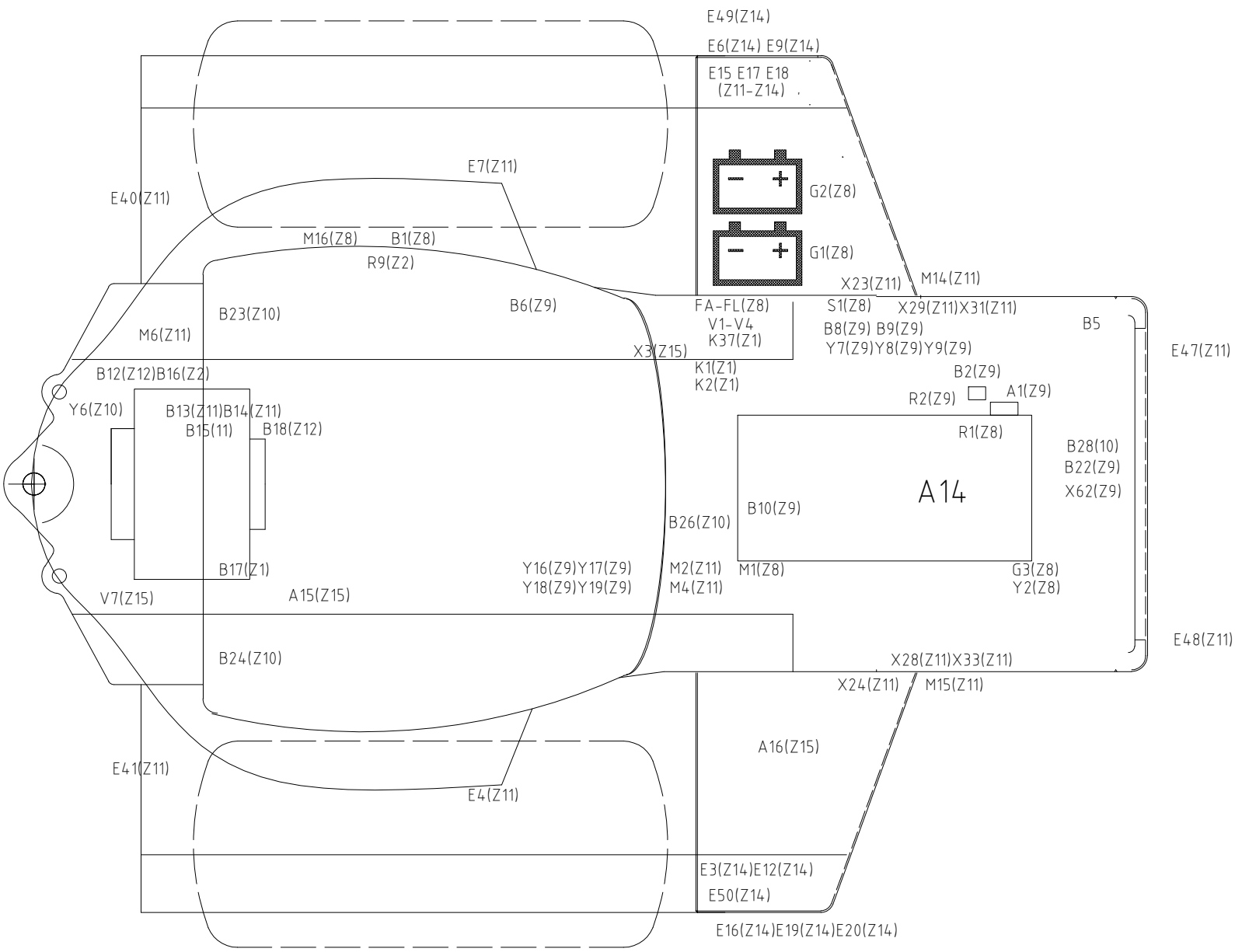


X21(Z3)
S11(Z3)

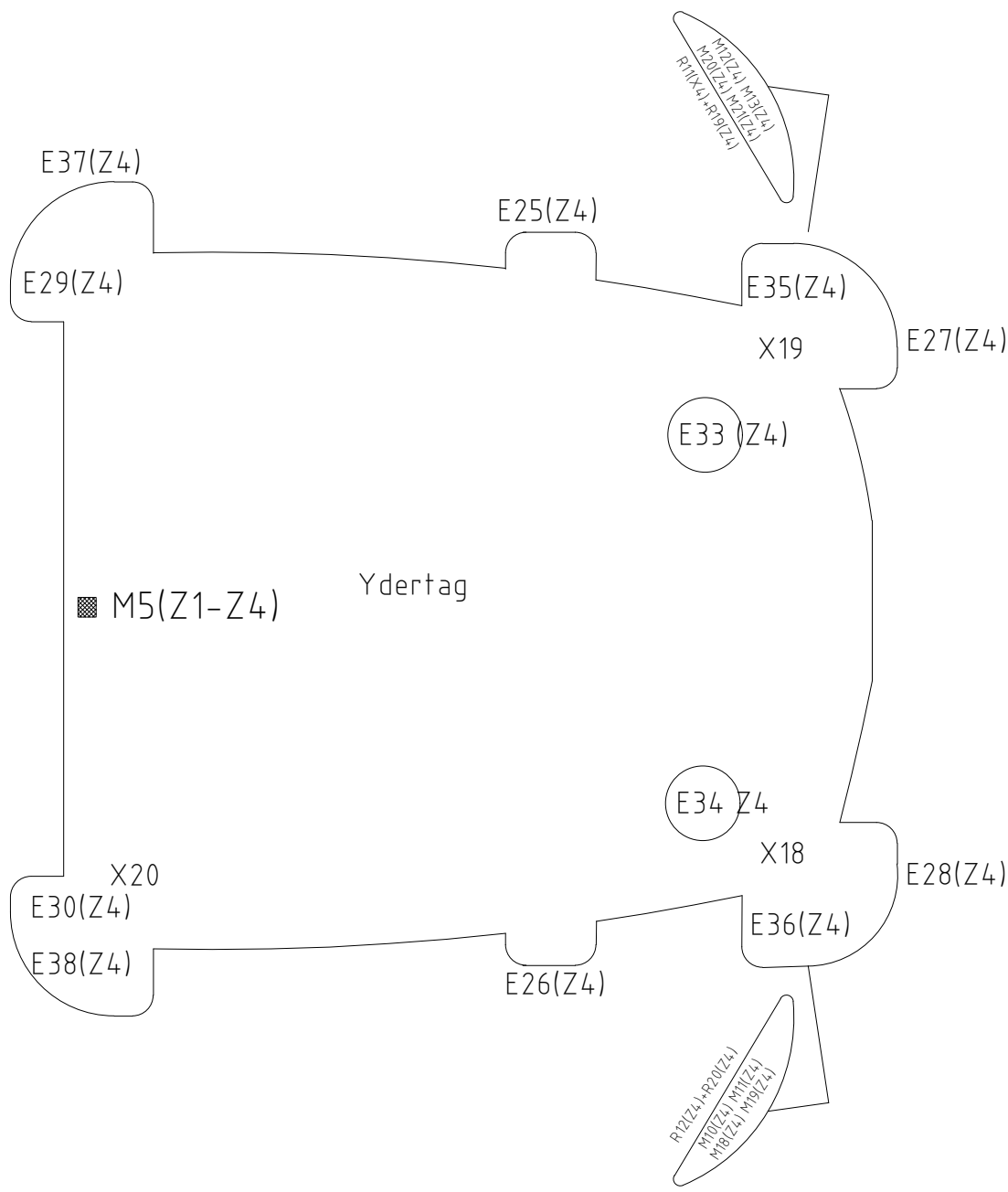
A18

R6(Z3)

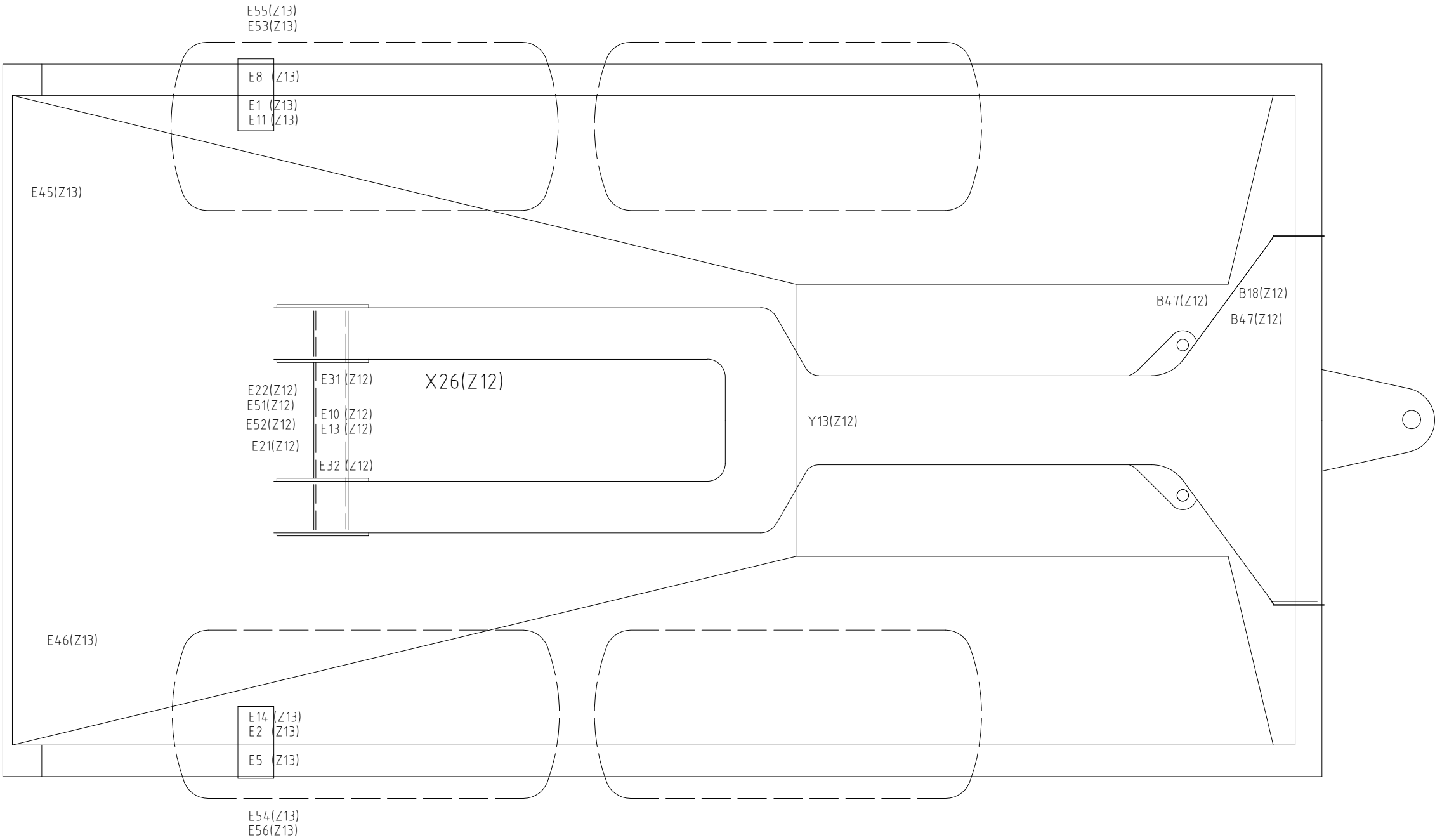
VORDERRAHMEN



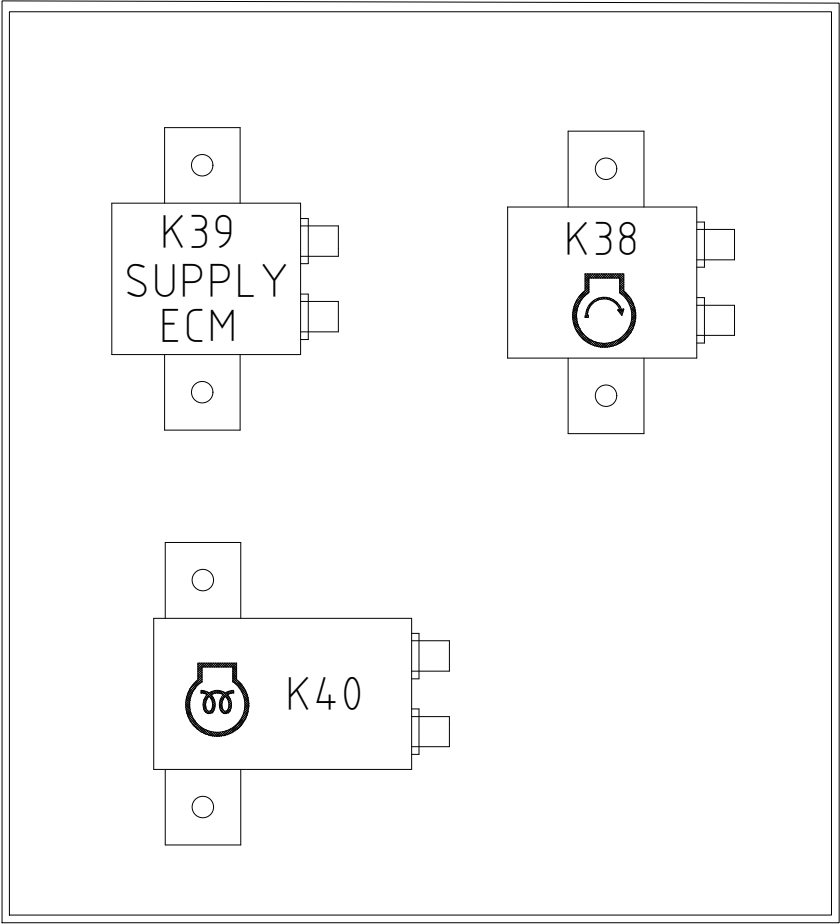
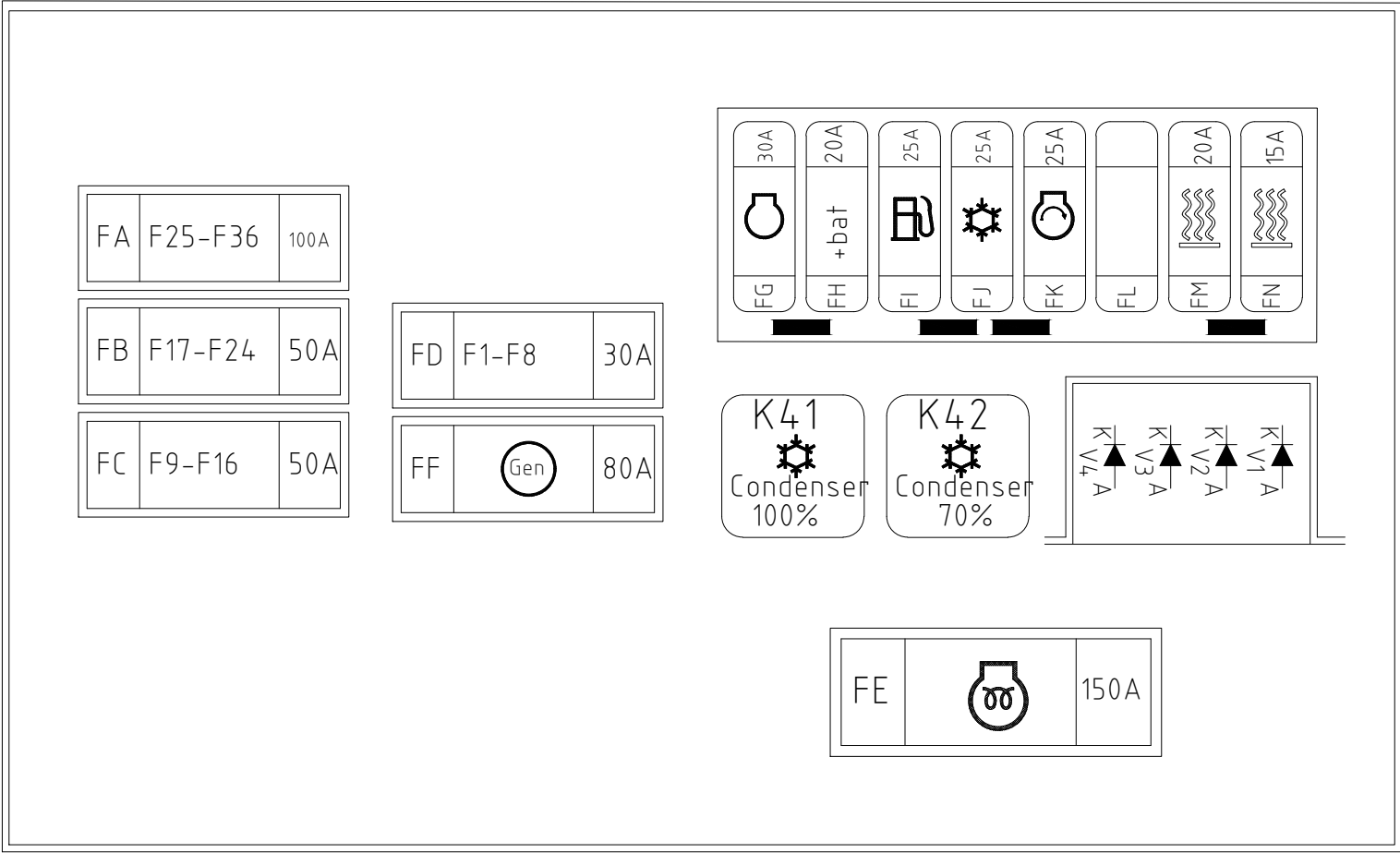
DACH

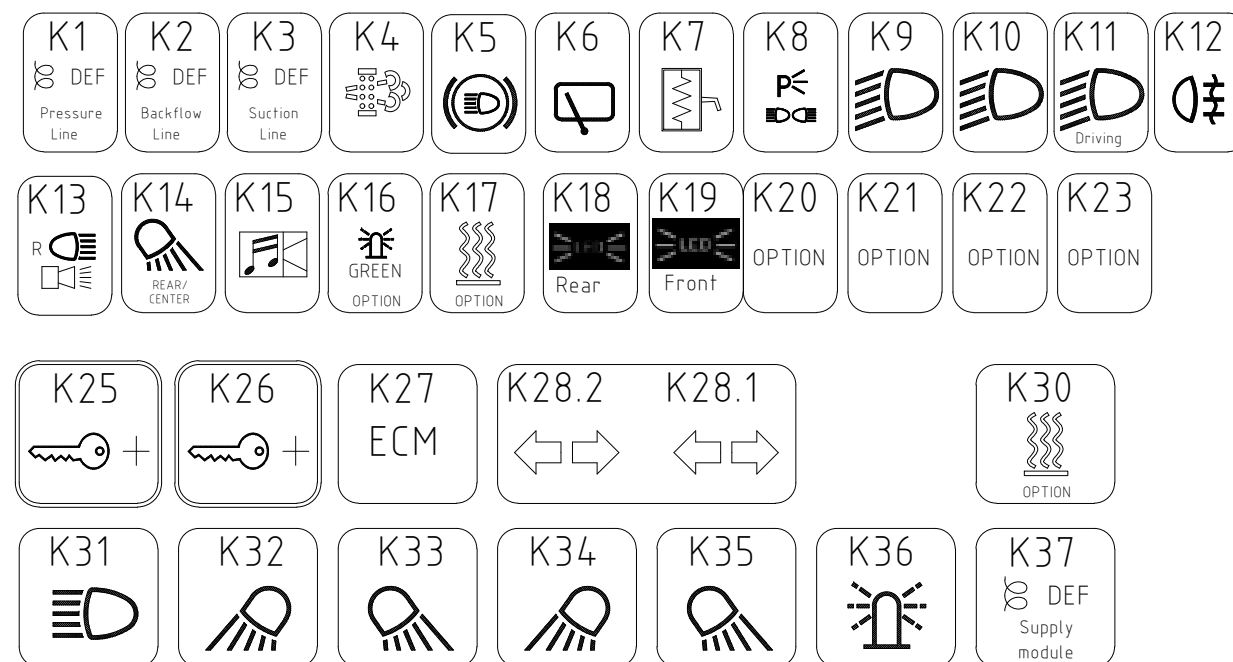


HINTERRAHMEN/MULDE

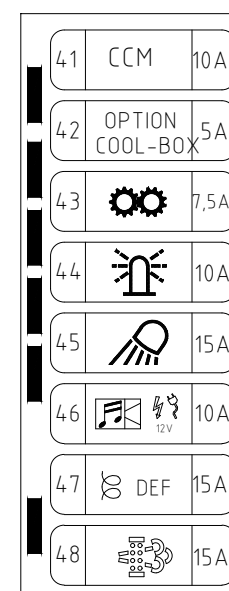
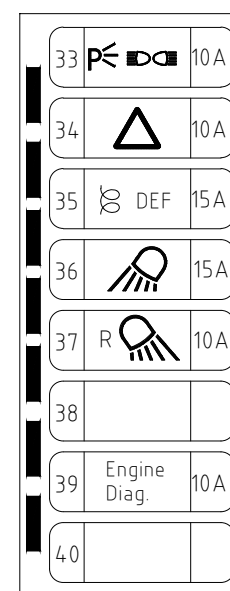
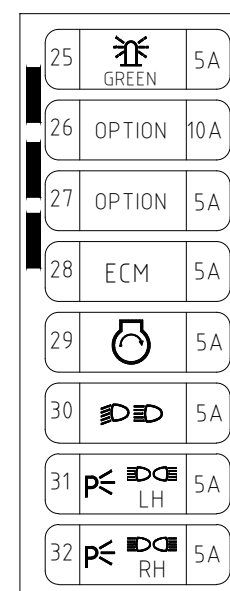
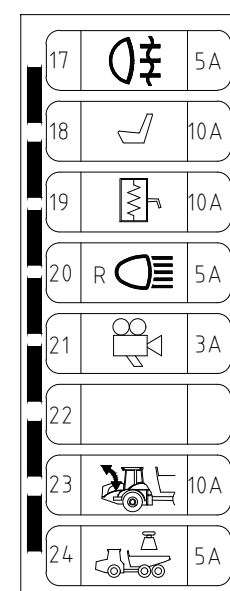
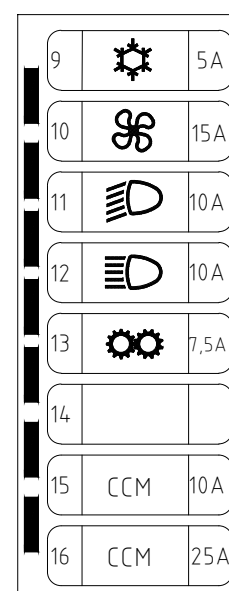
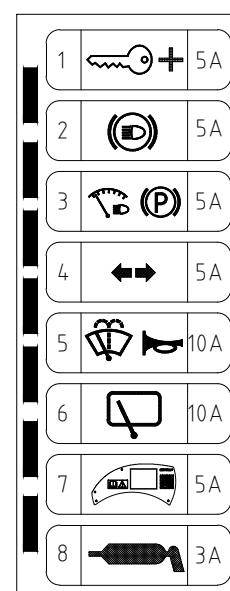
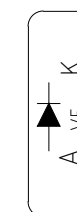


MOTORRAUM





KABINE



Centralsmøring
option: F8

Green beacon
option: F25, K21

F1-F8
Supply from keyswitch
GR1-15 FUSE FD

F17-F28
Supply from powerrelay
GR3-15 FUSE FB

F33-F40
Supply from
GR4-30 FUSE FA

F41-F46
Supply from
GR4-30 FUSE FA

F9-F16
Supply from powerrelay
GR2-15 FUSE FC

F29-F32
Supply from different
sources

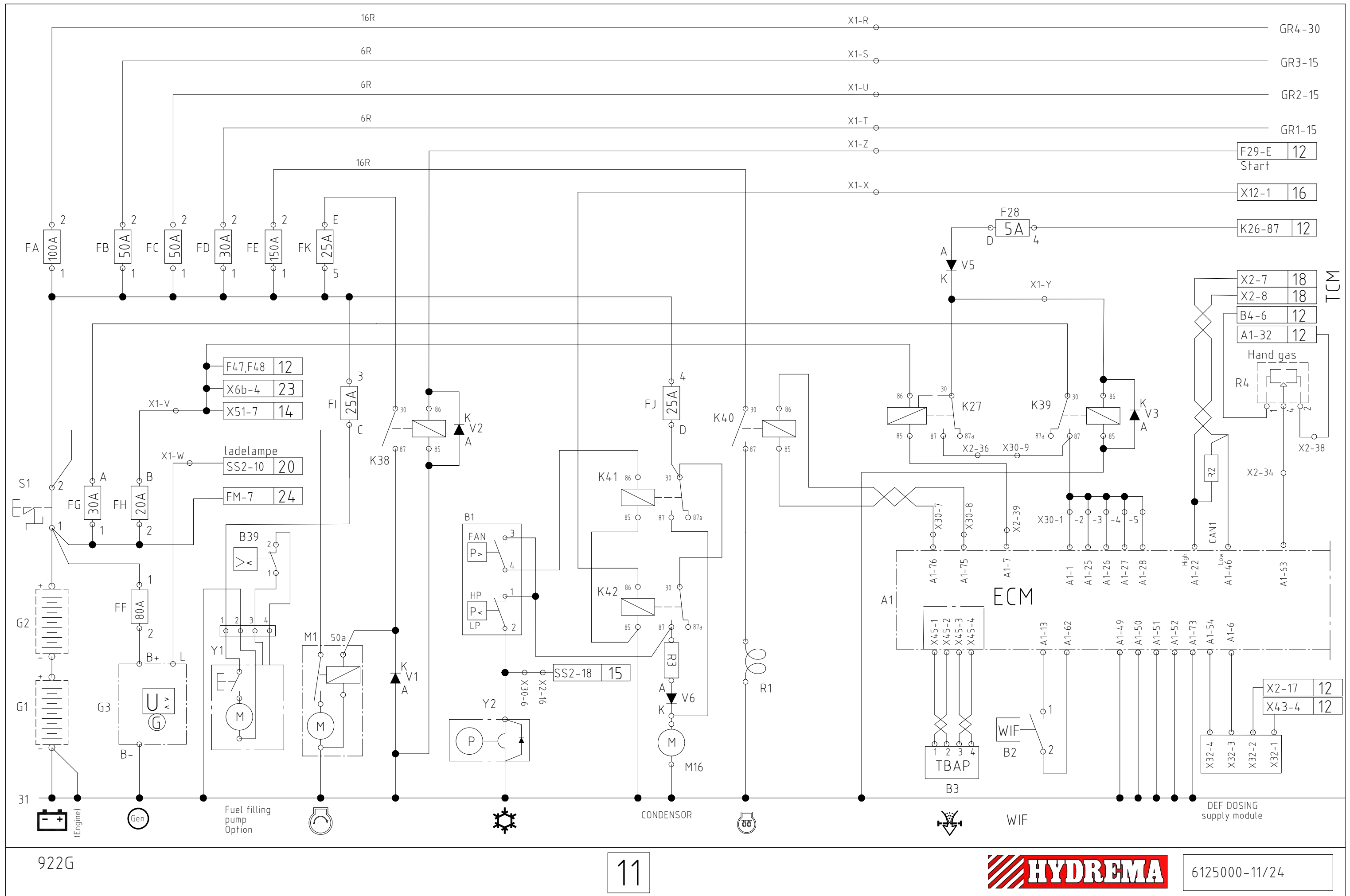
F47-F48
Supply from
FUSE FH

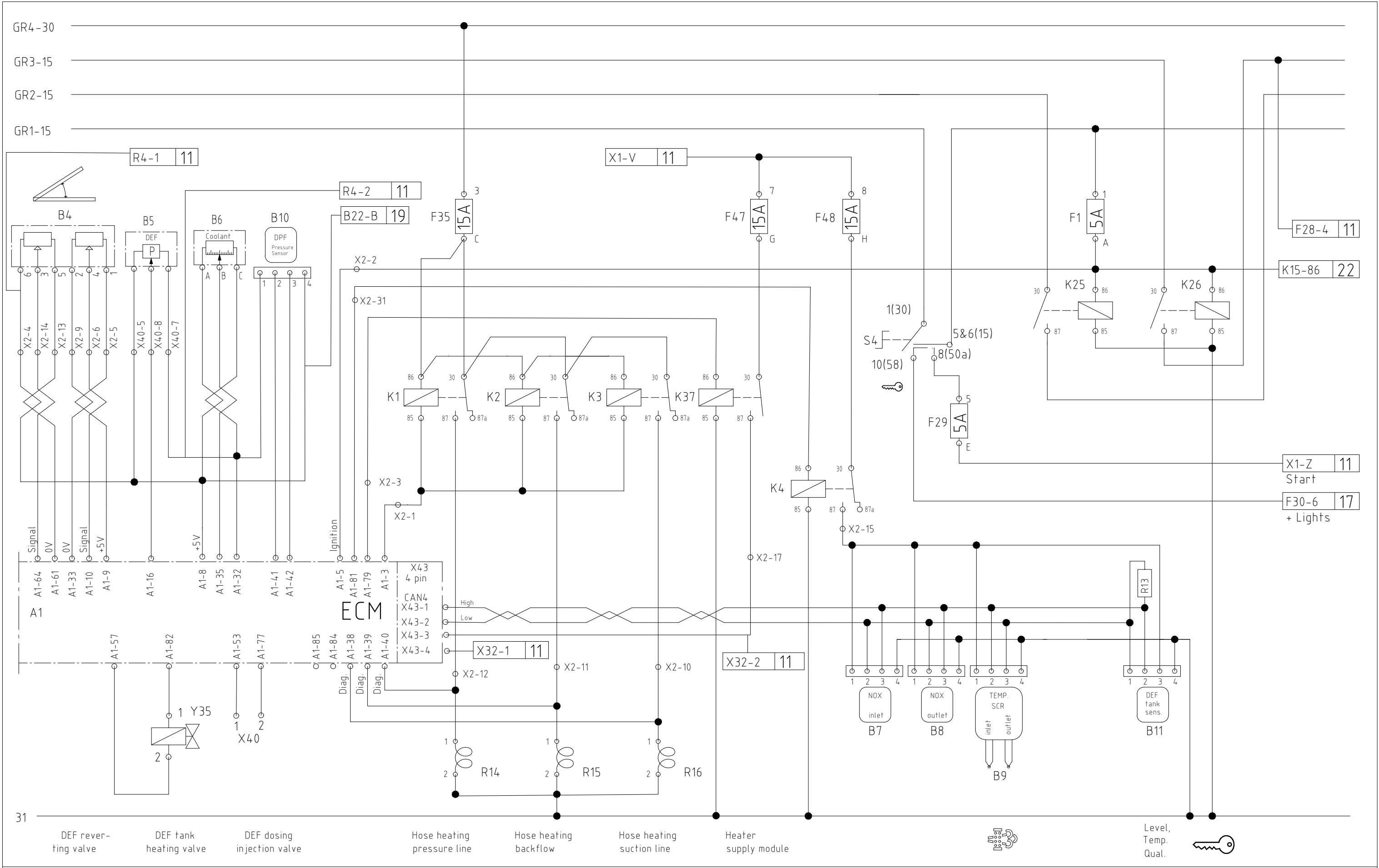
FIG	BETEGNELSE	DESCRIPTION	BEZEICHNUNG	PG	HARNESS	NOTE
B28	Converter temperatur	Wandler temperatur	Converter temperature	18	Z10	
B29	Trykgiver affjedr. venstre	Druckgeber Federung L.	Sensor suspension L.	19	Z12	
B30	Trykgiver affjedr. højre	Druckgeber Federung R.	Sensor suspension R.	19	Z12	
B31	luftfilter	Luftfilter	Airfilter	15	Z11	
B32	TIP SENSOR PAYLOAD	TIP SENSOR PAYLOAD	TIP SENSOR PAYLOAD	19	Z12	
B34	Motorhjelm kontakt	Motorhaubeschalter	Hood open	20	Z11	
B35	Niveau venstre	Niveau Links	Level left	19	Z10	
B36	Niveau højre	Niveau Rechts	Level right	19	Z10	
B37	Bakalarm	Rückfahralarm	Reversing alarm	21	Z12	
B39	Niveau kontakt	Niveau Schalter	Level switch	11	Z8	
B40	Kardan sensor	Kardanzsensor Vorderachse	Sensor front axle	20	Z11	
B41	Hyd. oliefilter	Hydraulikölfilter	Hydraulic oil filter	19	Z10	
B42	ZF-Diff.spær	ZF-Diff.sperre	ZF-Diff. lock	20	Z10	
B45	Kontakt i seletås	Gurtschloss Schalter	Seat belt switch	22	Z6	
B46	Tryktransducer Muldecyylinder	Druckgeber Muldezyylinder	Pressure transducer Muldezyylinder	20	Z12	
B47	Vinkelmåler	Winkelgeber	Angle encoder	19	Z12	
B48	TIP SENSOR UP	TIP SENSOR UP	TIP SENSOR UP	19	Z12	
E1	Stoplys venstre	Bremslicht Links	Brake light left	13	Z13	
E2	Stoplys højre	Bremslicht Rechts	Brake light right	13	Z13	
E3	Blinklys højre F	Blinklicht Recht V	Indicators RF	13	Z14	
E4	Blinklys højre S	Blinklicht Recht S	Indicators RS	13	Z11	
E5	Blinklys højre B	Blinklicht Recht H	Indicators RR	13	Z13	
E6	Blinklys venstre F	Blinklicht Links V	Indicators LF	13	Z14	
E7	Blinklys venstre S	Blinklicht Links S	Indicators LS	13	Z11	
E8	Blinklys venstre B	Blinklicht Links H	Indicators LR	13	Z13	
E9	P-lys venstre F	Standlicht LF	P-light LF	17	Z14	
E10	Nummerpl.lys V	Kennzeichenlicht L	Licencepl.light L	17	Z12	
E11	Baglys venstre	Standlicht LH	Taillights L	17	Z13	
E12	P-lys højre	Standlicht RV	P-light RF	17	Z14	
E13	Nummerpl.lys H	Kennzeichenlicht R	Licencepl.light R	17	Z12	
E14	Baglys højre	Standlicht RH	Taillights R	17	Z13	
E15	Nærlys venstre	Abblendlicht L	Dipped beam L	17	Z11-Z14	
E16	Nærlys højre	Abblendlicht R	Dipped beam R	17	Z11-Z14	
E17	Fjernlys venstre	Fernlicht L	Main beam L	17	Z11-Z14	
E18	Fjernlys venstre	Fernlicht L	Main beam L	17	Z11-Z14	
E19	Fjernlys højre	Fernlicht R	Main beam R	17	Z11-Z14	
E20	Fjernlys højre	Fernlicht R	Main beam R	17	Z11-Z14	
E21	Tågebaglys	Nebelschlusslicht	Fog light Rear	21	Z12	
E22	Baklys	Rückfahrlicht	Reversing light	21	Z12	
E23	Løftlys	Deckenbeleuchtung	Interieur light	15	Z2	
E24	Løftlys	Deckenbeleuchtung	Interieur light	15	Z2	
E25	Trinlys	Trittleuchte	Step board light	15	Z4	
E26	Trinlys	Trittleuchte	Step board light	15	Z4	
E27	Arb.lys VF	Arbeitslicht LV	Work light LF	21	Z4	

FIG	BETEGNELSE	DESCRIPTION	BEZEICHNUNG	PG	HARNESS	NOTE
E28	Arb.lys HF	Arbeitslicht RV	Work light RF	21	Z4	
E29	Arb.lys VB	Arbeitslicht LH	Work light LR	21	Z4	
E30	Arb.lys HB	Arbeitslicht RH	Work light RR	21	Z4	
E31	Arb.lys bag	Arbeitslicht hinten	Work light rear	21	Z12	
E32	Arb.lys bag	Arbeitslicht hinten	Work light rear	21	Z12	
E33	Rotorblink	Rundumleuchte	Beacon	22	Z4	
E34	Rotorblink	Rundumleuchte	Beacon	22	Z4	
E35	Arb.lys s VF	Arbeitslicht s LV	Work light s LF	22	Z4	
E36	Arb.lys s HF	Arbeitslicht s RV	Work light s RF	22	Z4	
E37	Arb.lys s VB	Arbeitslicht s LH	Work light s LR	22	Z4	
E38	Arb.lys s HB	Arbeitslicht s RH	Work light s RR	22	Z4	
E39	Kabinebelysning 1x rød	Kabinebeleuchtung 1x rot	Cabin lighting 1x red	15	Z2	
E40	Arb.lys midt	Arbeitslicht mitte	Work light center	21	Z11	
E41	Arb.lys midt	Arbeitslicht mitte	Work light center	21	Z11	
E42	Højtaler	Lautsprecher	Speaker	22	Z5	
E43	Højtaler	Lautsprecher	Speaker	22	Z5	
E44	A/C lys	A/C Folien Licht	A/C overlay light	16		
E45	Flash, bag venstre	Flash, hinten links	Flash, rear LH	22	Z13	
E46	Flash, bag højre	Flash, hinten rechts	Flash, resr RH	22	Z13	
E47	Flash, frem venstre	Flash, Vorne links	Flash, front LH	22	Z11	
E48	Flash, frem højre	Flash, Vorne rechts	Flash, front RH	22	Z11	
E49	EX markeringslys venster	EX MARK LIGHT LEFT	EX MARK LIGHT LEFT	17	Z14	
E50	EX markeringslys højre	EX MARK LIGHT RIGHT	EX MARK LIGHT RIGHT	17	Z14	
E51	EX markeringslys venster	EX MARK LIGHT LEFT	EX MARK LIGHT LEFT	17	Z12	
E52	EX markeringslys højre	EX MARK LIGHT RIGHT	EX MARK LIGHT RIGHT	17	Z12	
E53	EX markeringslys venster	EX MARK LIGHT LEFT	EX MARK LIGHT LEFT	17	Z13	
E54	EX markeringslys højre	EX MARK LIGHT RIGHT	EX MARK LIGHT RIGHT	17	Z13	
E55	Flash, bag venstre	Flash, hinten links	Flash, rear LH	22	Z13	
E56	Flash, bag højre	Flash, hinten rechts	Flash, resr RH	22	Z13	
FA	Hovedsikring Gr.4	Hauptsicherung Gr.4	Main fuse Gr.4	4,11	Z8	
FB	Hovedsikring Gr.3	Hauptsicherung Gr.3	Main fuse Gr.3	4,11	Z8	
FC	Hovedsikring Gr.2	Hauptsicherung Gr.2	Main fuse Gr.2	4,11	Z8	
FD	Hovedsikring Gr.1	Hauptsicherung Gr.1	Main fuse Gr.1	4,11	Z8	
FE	Forvarmer	Vorwärmen	Pre-heating	4,11	Z8	
FF	Generator	Generator	Alternator	4,11	Z8	
FG	Motorstyring	Motorsteuerung	Engine controler	4,11	Z8	
FH	+bat til display	+bat für Display	+bat for display	4,11	Z8	
FI	Tankningspumpe	Betankungspumpe	Re-fuel pump	4,11	Z8	
FJ	A/C Condenser	A/C Kondensator	A/C Condensor	4,11	Z8	
FK	Starterrelæ	Starter relais	Starter relay	4,11	Z8	
FL					Z8	
FM	Oliefyr (Option)	Standheizung (Option)	Water Heater (Option)	4,16	Z8,Z15	
FN	Oliefyr (Option)	Standheizung (Option)	Water Heater (Option)	4,16	Z8,Z15	
F1	Tænding	Zündung	Ignition	5,12	Z1	
F2	Stoplys	Bremslicht	Brake light	5,13	Z1	
F3	Kontaktlys+keypads	Kontaktlicht+Keypads	Switch light+keypads	5,14	Z1	
F4	Blinklys	Blinklicht	Indicators	5,13	Z1	
F5	Forrudevisker, horn	Frontwisher, Hupe	Front wiper,horn	5,14	Z1	
F6	Bagrudevisker	Hechwisher	Rear wiper	5,13,15	Z1	
F7	Instrumentdisplay	Display	Display	5,14	Z1	
F8	Centralsmøring	Zentralschmierung	Lubrication system	5,17	Z1	
F9	A/C anlæg	A/C Anlage	Aircondition	5,16	Z1	
F10	Varmeapparat	Heizung	Heater	5,16	Z1	
F11	Nærlys	Abblendlicht	Dipped beam	5,17	Z1	
F12	Fjernlys	Fernlicht	High beam	5,17	Z1	
F13	Transmission	Getriebe	Transmission	5,18	Z1	
F14						

FIG	BETEGNELSE	DESCRIPTION	BEZEICHNUNG	PG	HARNESS	NOTE
F15	Central elektronikbox CCM	Central Electric CCM	Central control module	5,19	Z1	
F16	Central elektronikbox CCM	Central Electric CCM	Central control module	5,19	Z1	
F17	Tågebaglys	Nebelschlussleuchte	Fog light rear	5,21	Z1	
F18	Sæde	Sitz	Seat	5,21	Z1	
F19	Spejlvarme	Spiegelheizung	Mirror defroster	5,14	Z1	
F20	Baklys	Rückfahrlicht	Reversing light	5,21	Z1	
F21	Bakkamera	Rückfahrkamera	Rear view camera	5,22	Z1	
F23	Hjelmstyring	Haubesteuerung	Hood controller	5,20	Z1	
F24	Lastcelle	Lastmesssystem	Load cell	5,20	Z1	
F25	Grønt rotorblink (option)	Grünes Rundumlampe (Option)	Green rotating beacon (option)	5,22	Z1	
F26	Option	Option	Option	5,23	Z1	
F27	Option	Option	Option	5,23	Z1	
F28	ECM tidsrelæ	ECM Timer	ECM timer	5,11	Z1	
F29	Startsignal	Startsignal	Start signal	5,12	Z1	No power from main fuse
F30	Nærlys/Fjernlys	Abblendlicht/Fernlicht	Dipped beam/High beam	5,17	Z1	No power from main fuse
F31	Parkeringslys venstre	Standlicht links	Parking light LH	5,17	Z1	No power from main fuse
F32	Parkeringslys højre	Standlicht rechts	Parking light RH	5,17	Z1	No power from main fuse
F33	Parkeringslys	Standlicht	Parking light	5,17	Z1	
F34	Advarselsblink	Warnblinklicht	Hazard light	5,13	Z1	
F35	DEF slangevarme	DEF Schlauch Heizung	DEF Hose heating	5,12	Z1	
F36	Arbejdslys frem og bag	Arbeitsscheinwerfer vorne und hinten	Work light rear and front	5,21	Z1	
F37	Arbejdslys bag lad/midt	Arbeitsrückscheinwerfer Mulde/Mitte	Rear work light, dumper body/middle	5,21	Z1	
F39	Motordiagnose	Motor Diagnose	Engine diagnose	5,14	Z1	
F40						
F41	CCM	CCM	CCM	5	Z1	
F42	Option, Køleboks	Option, Kühlbox	Option, Cool-Box	5, 19	Z1	
F43	Transmission	Getriebe	Transmission	5, 18	Z1	
F44	Rototblink	Rundumleuchte	Rotating beacon	5, 22	Z1	
F45	Arbejdslys sider	Arbeitsscheinwerfer L+R	Work light LH and RH	5, 22	Z1	
F46	Omformer og 24 volt udtag	Umformer und 24 Volt Steckdose	Converter and 24V plug	5, 22	Z1	
F47	DEF forsyningsmodul	DEF Versorgungspumpe	DEF Supply module	5,12	Z1	
F48	Udstødnings efterbehandling	Abgas Nachbehandlung	Exhaust aftertreatment	5, 12	Z1	
G1	Batteri	Batterie	Battery	11	Z8	
G2	Batteri	Batterie	Battery	11	Z8	
G3	Generator	Generator	Alternator	11	Z8	

FIG	BETEGNELSE	DESCRIPTION	BEZEICHNUNG	PG	HARNESS	NOTE
K1	DEF varme, trykslange	DEF Heizung, Druckschlauch	DEF heating, pressureline	5, 12	Z1	
K2	DEF varme, returslange	DEF Heizung, Returschlauch	DEF heating, backflowline	5, 12	Z1	
K3	DEF varme, sugeslange	DEF Heizung,Sauchschlauch	DEF heating, suctionline	5, 12	Z1	
K4	Udstødning efterbehandling	Auspuff Veredelung	Aftertreatment	5, 12	Z1	
K5	Bremselys	Bremslicht	Brake light	5, 13,20	Z1	
K6	Visker bagrude	Heckscheibenwischer	Windscreen wiper (rear)	5, 13	Z1	
K7	Spejlvarme	Spiegelheizung	Defroster, mirror	5, 14	Z1	
K8	Positionsllys	Standlicht	Position Light	5, 17	Z1	
K9	Nærlys/Fjernlys	Abblendlicht /Fernlicht	Dipped beam/High beam	5, 17	Z1	
K10	Nærlys	Abblendlicht	Dipped beam	5, 17	Z1	
K11	Kørellys	Tagfahrlicht	Driving light	5, 17	Z1	
K12	Tågebaglys	Nebelschlussleuchte	Rear fog light	5, 21	Z1	
K13	Baklys	Rückfahrcheinwerfer	Reversing light	5, 21	Z1	
K14	Arbejdslys bag lad/midt	Arbeitsrückscheinwerfer Mulde/Mitte	Rear work light, dumper body/middle	5, 21	Z1	
K15	Radiofrakobling	Radioabschaltung	Radio turn-off	5, 22	Z1	
K16	Grønt rotorblink	Rundumleuchte RH (Grün)	Rotating beacon (green)	5, 22	Z1	
K17	Oliefyr (Option)	Standheizung (Option)	Water Heater (Option)	5, 16	Z1	
K18	Flashlys bagved	Flashlicht hinten	Flashlight behind	5, 22	Z1	
K19	Flashlys foran	Flashlicht vorn	Flashlight front	5, 22	Z1	
K20	Option	Option	Option	5, 23	Z1	
K21	Option	Option	Option	5, 23	Z1	
K22	Option	Option	Option	5, 23	Z1	
K23	Option	Option	Option	5, 23	Z1	
K25	Effektrelæ gr. 2	Leistungsrelais Gr. 2	Power relay gr. 2	5, 12	Z1	
K26	Effektrelæ gr. 3	Leistungsrelais Gr. 3	Power relay gr. 3	5, 12	Z1	
K27	Timer relæ, motor	Timer Relais, Motor	Timer relay, Engine	5, 11	Z1	
K28	Blinkrelæ	Blinkrelais	Flash relay	5, 13	Z1	
K30	Oliefyr (Option)	Standheizung (Option)	Water Heater (Option)	5, 16	Z1	
K31	Fjernlys	Fernlicht	Main beam	5, 17	Z1	
K32	Arbejdslys frem	Arbeitsscheinwerfer vorn kab.	Work light - front	5, 21	Z1	
K33	Arbejdslys bag	Arbeitsscheinwerfer hinten Kab	Work light - rear	5, 21	Z1	
K34	Arbejdslys frem-side	Arbeitsscheinwerfer vorn Ecken	Work light - front corner	5, 22	Z1	
K35	Arbejdslys bag-side	Arbeitsscheinwerfer seite Kab	Side work light	5, 22	Z1	
K36	Rotorblink	Rundumleuchte	Rotating beacon	5, 22	Z1	
K37	DEF-DOSING, SUPPLY MODULE	DEF-DOSIERUNG, SUPPLY MODUL	DEF-DOSING, SUPPLY MODULE	5, 12	Z1	
K38	Startrelæ	Startrelais	Starting relay	4, 11	Z8	
K39	Forsyning CCM	Versorgung CCM	Supply CCM	4, 11	Z8	
K40	Forvarmerrelæ	Vorwärmer Relais	Preheater relay	4, 11	Z8	
K41	A/C Condensor	A/C Kondensator	A/C Condenser	4, 11	Z8	
K42	A/C Condensor 70%	A/C Kondensat. 70%	A/C Condenser 70%	4, 11	Z8	



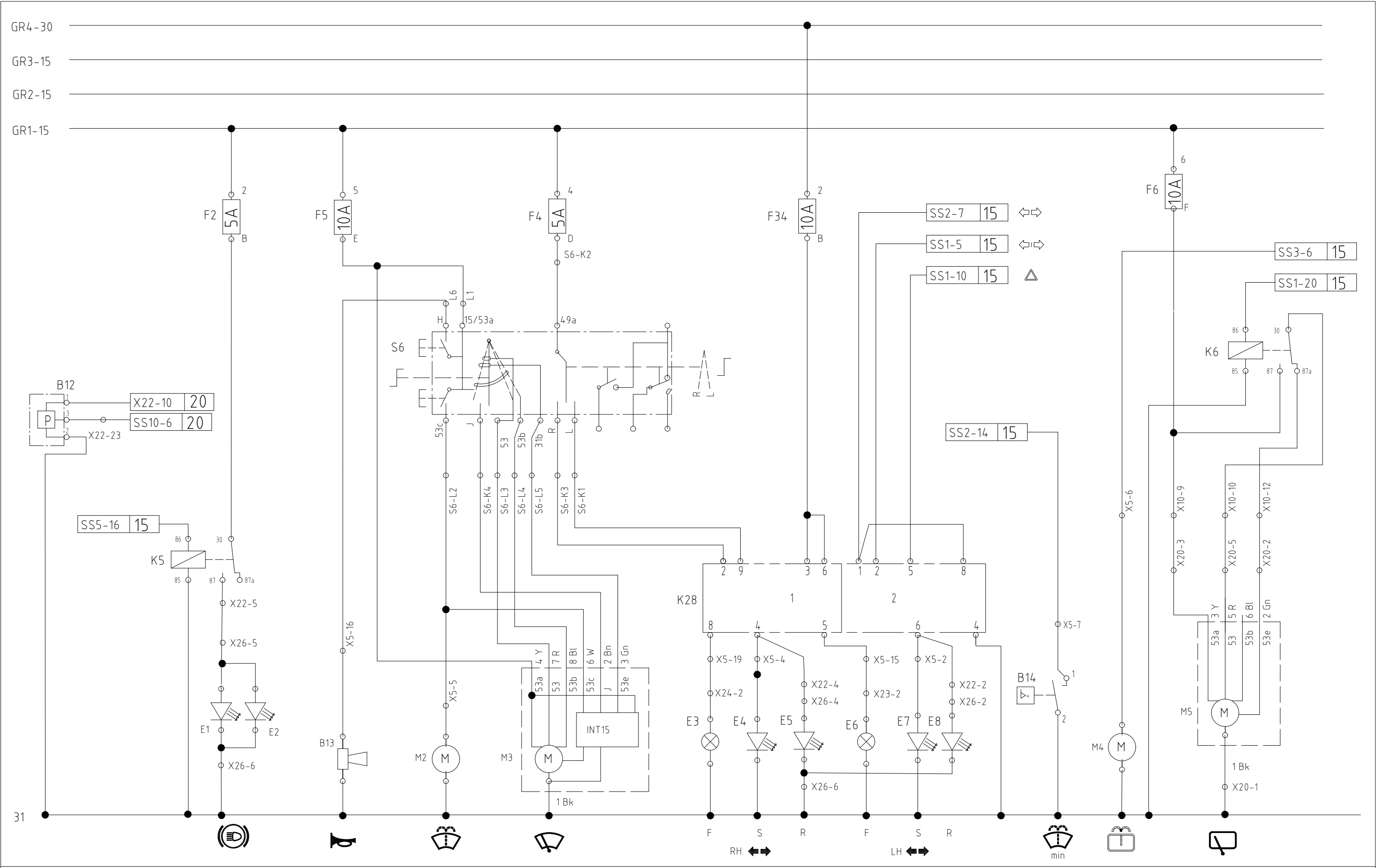


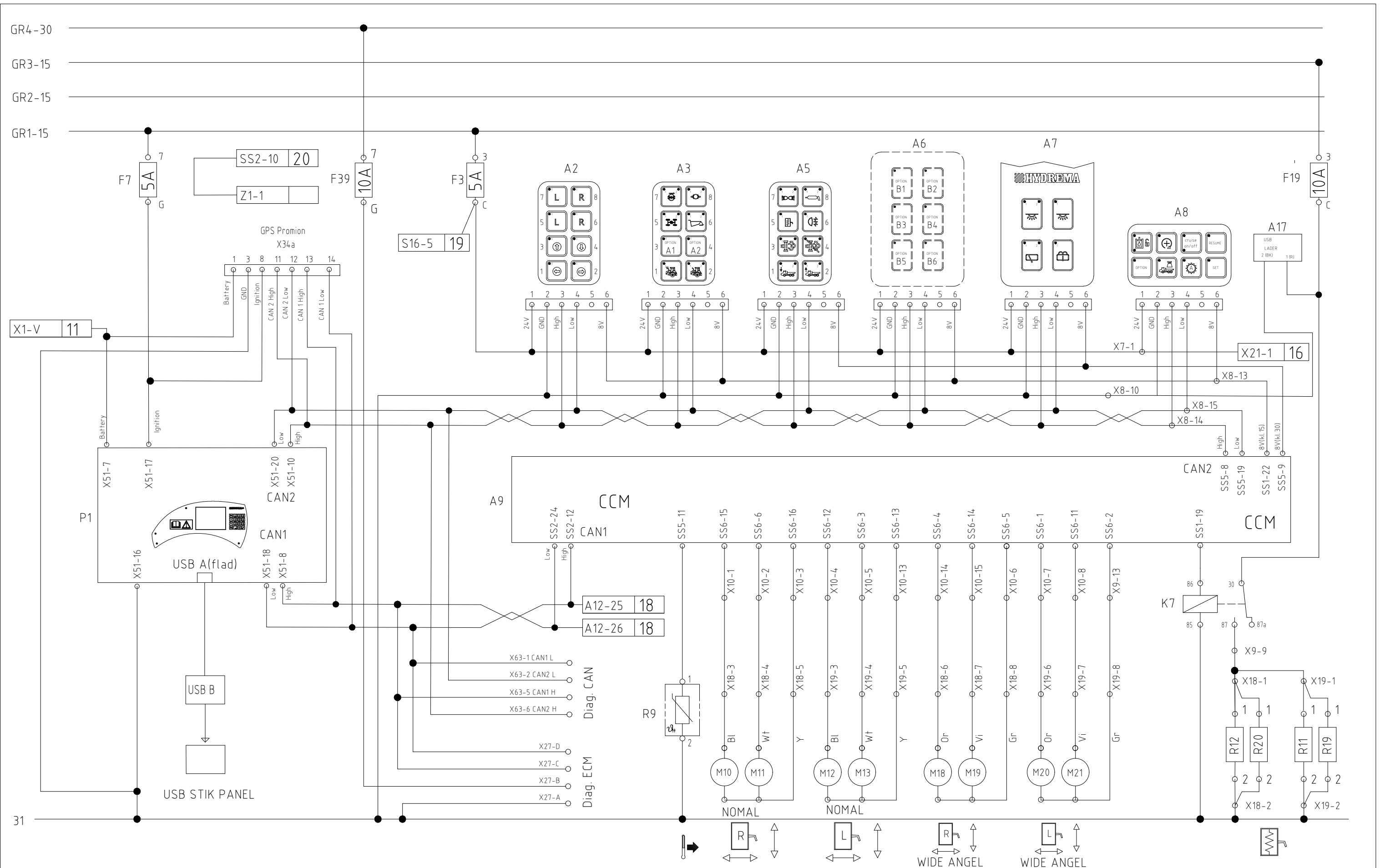
922G

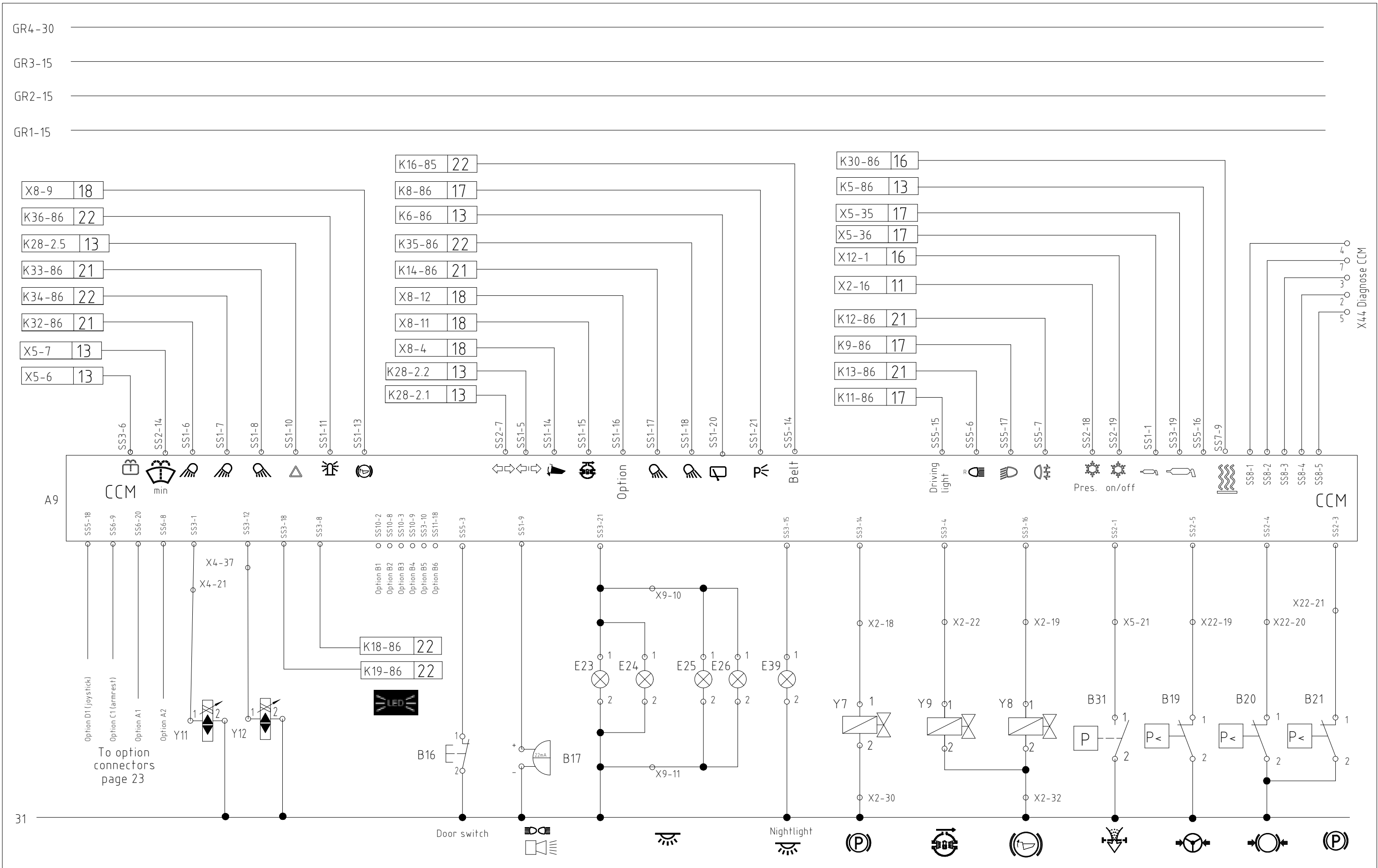
12

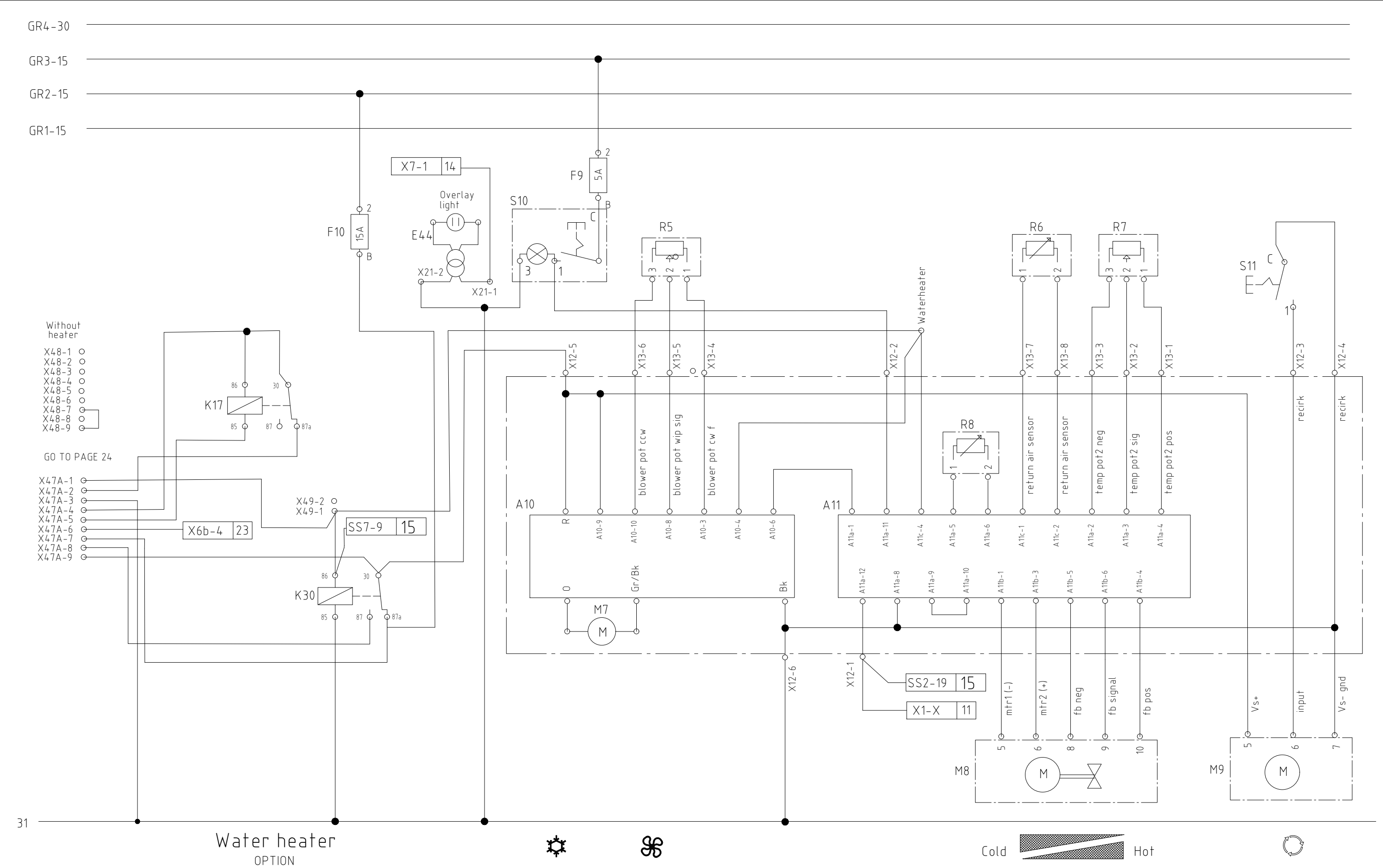


6125000-12/24







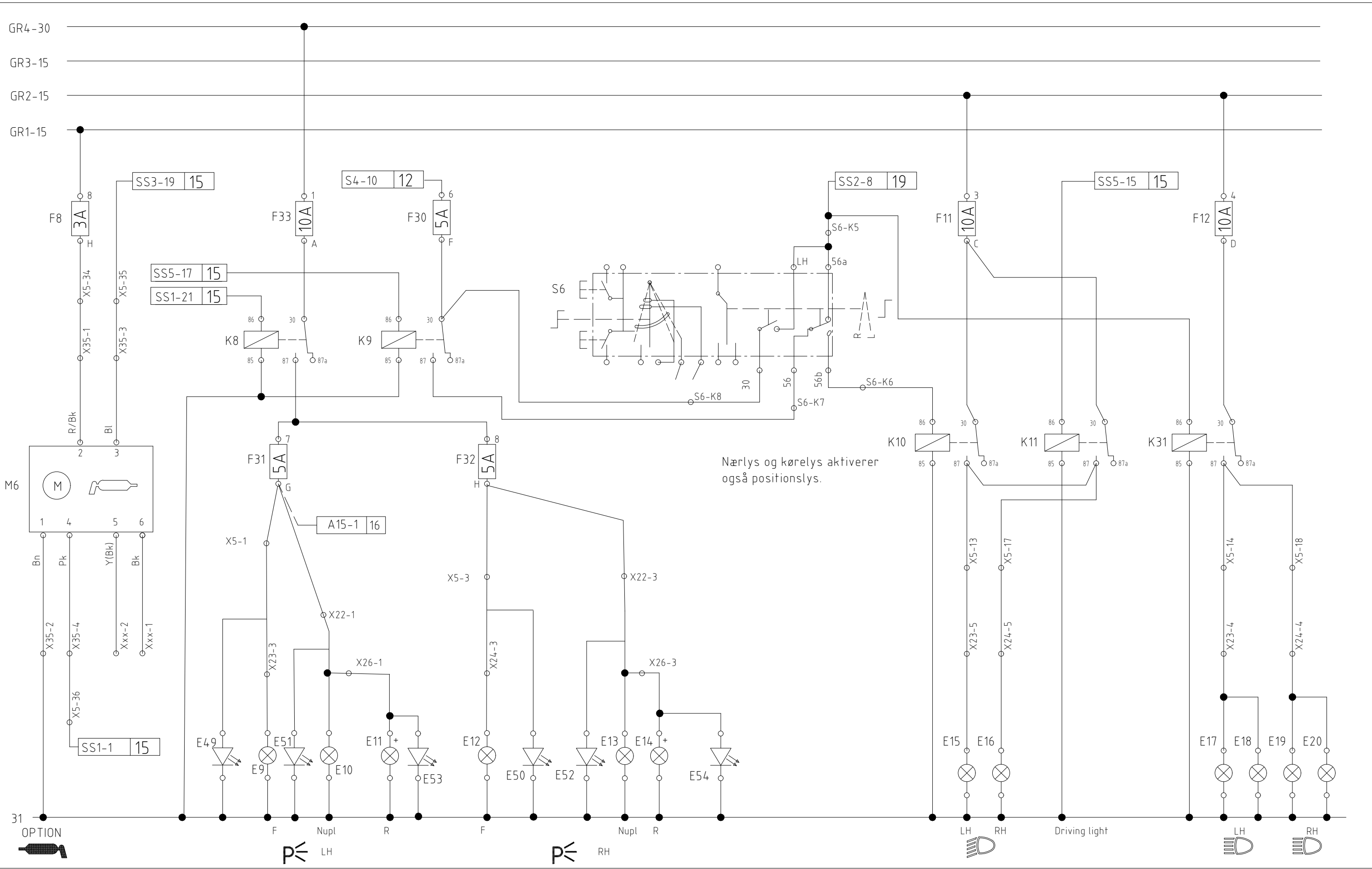


922G

16



6125000-16/24

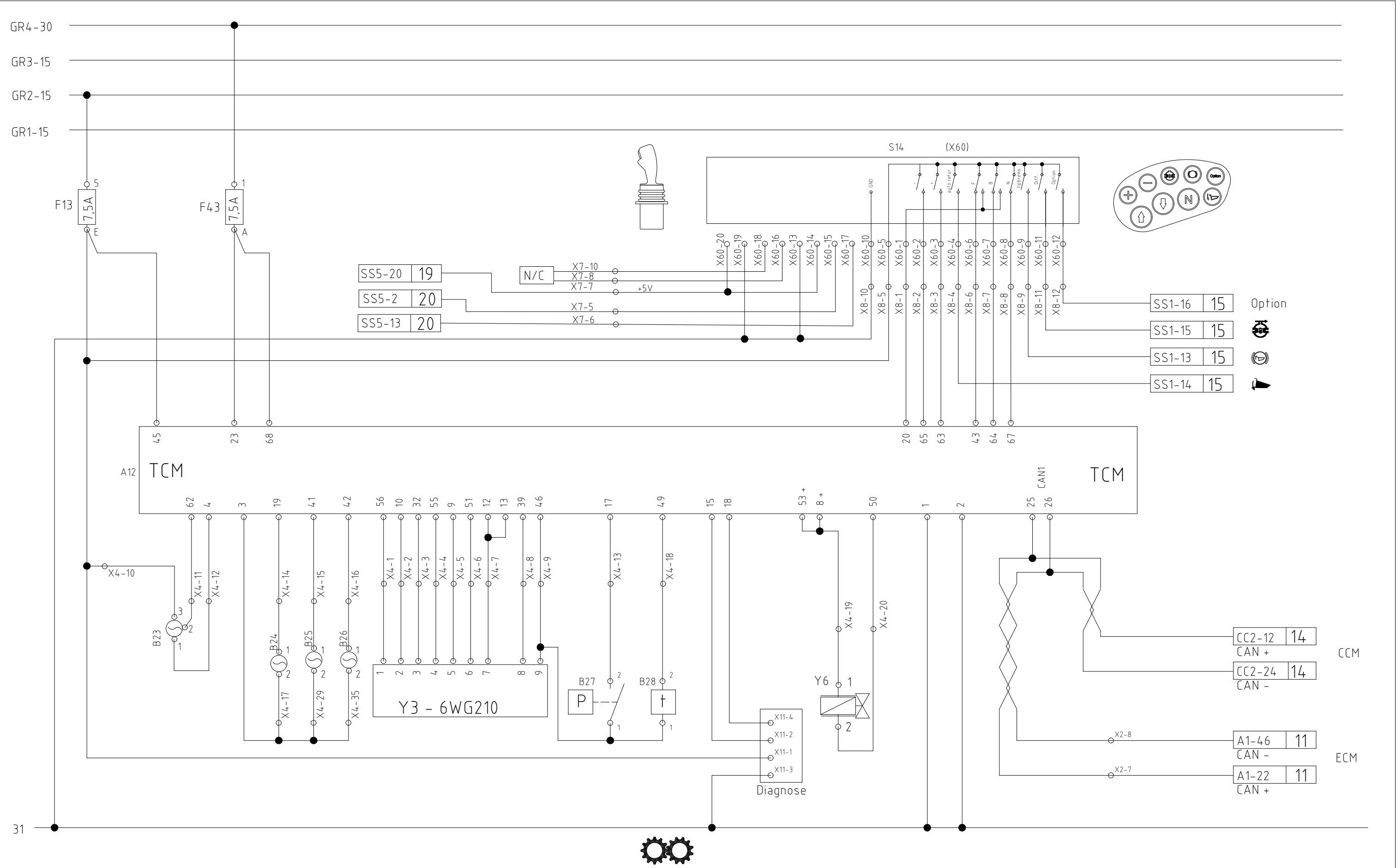


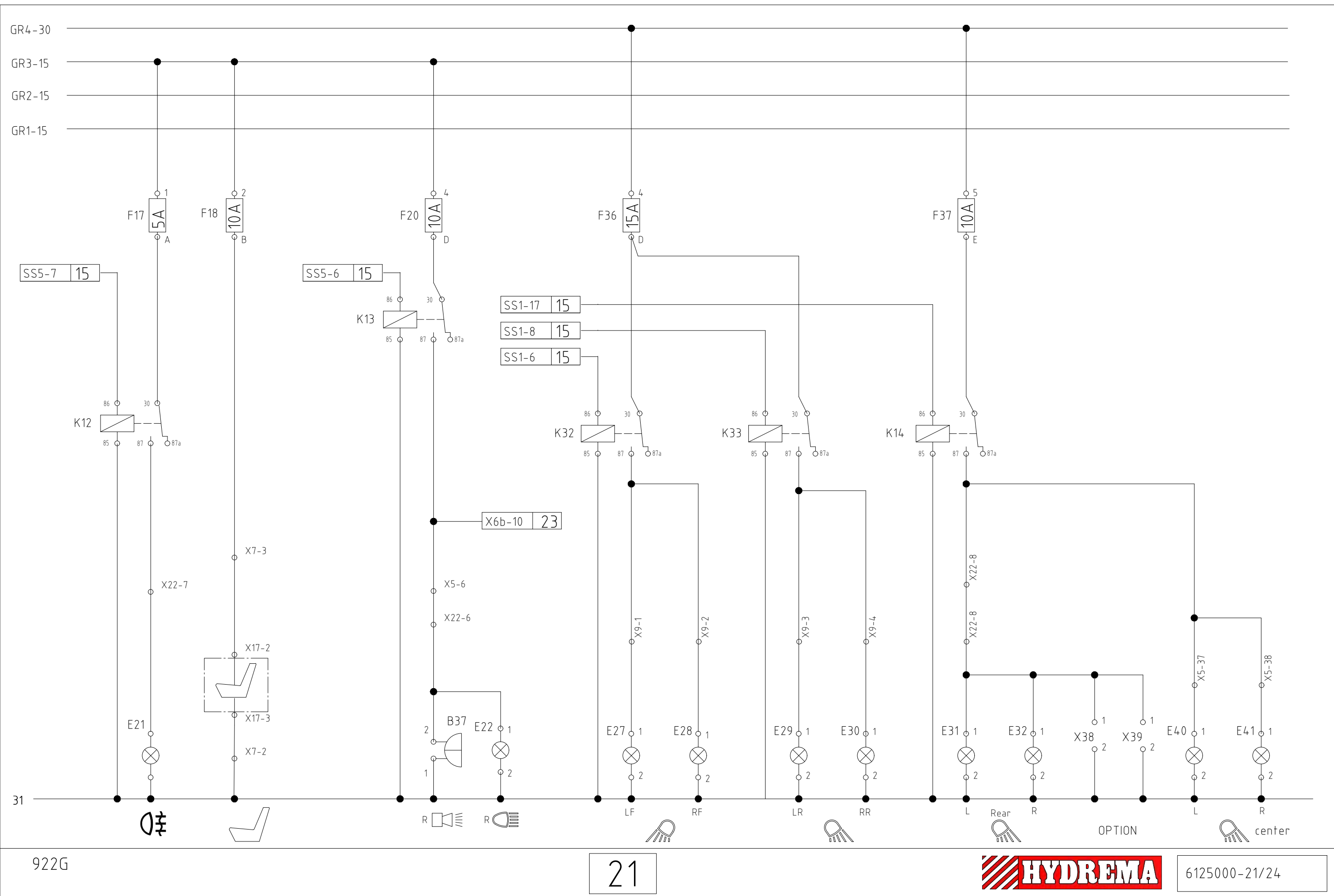
922G

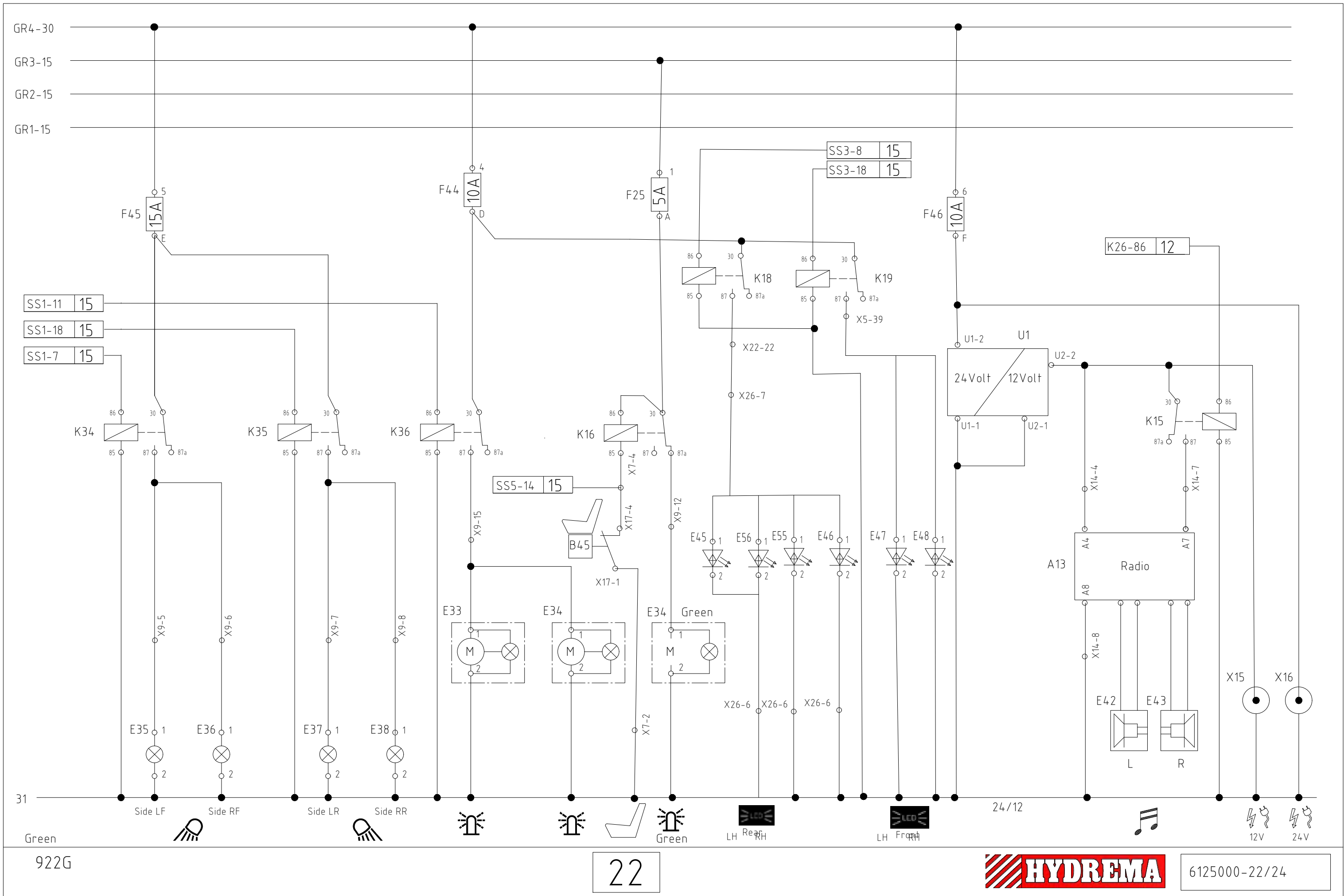
17

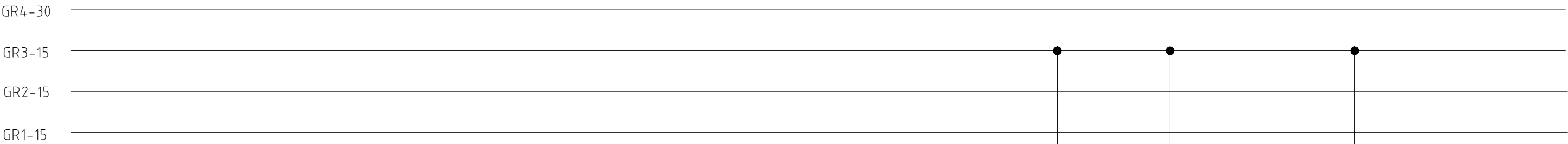


6125000-17/24

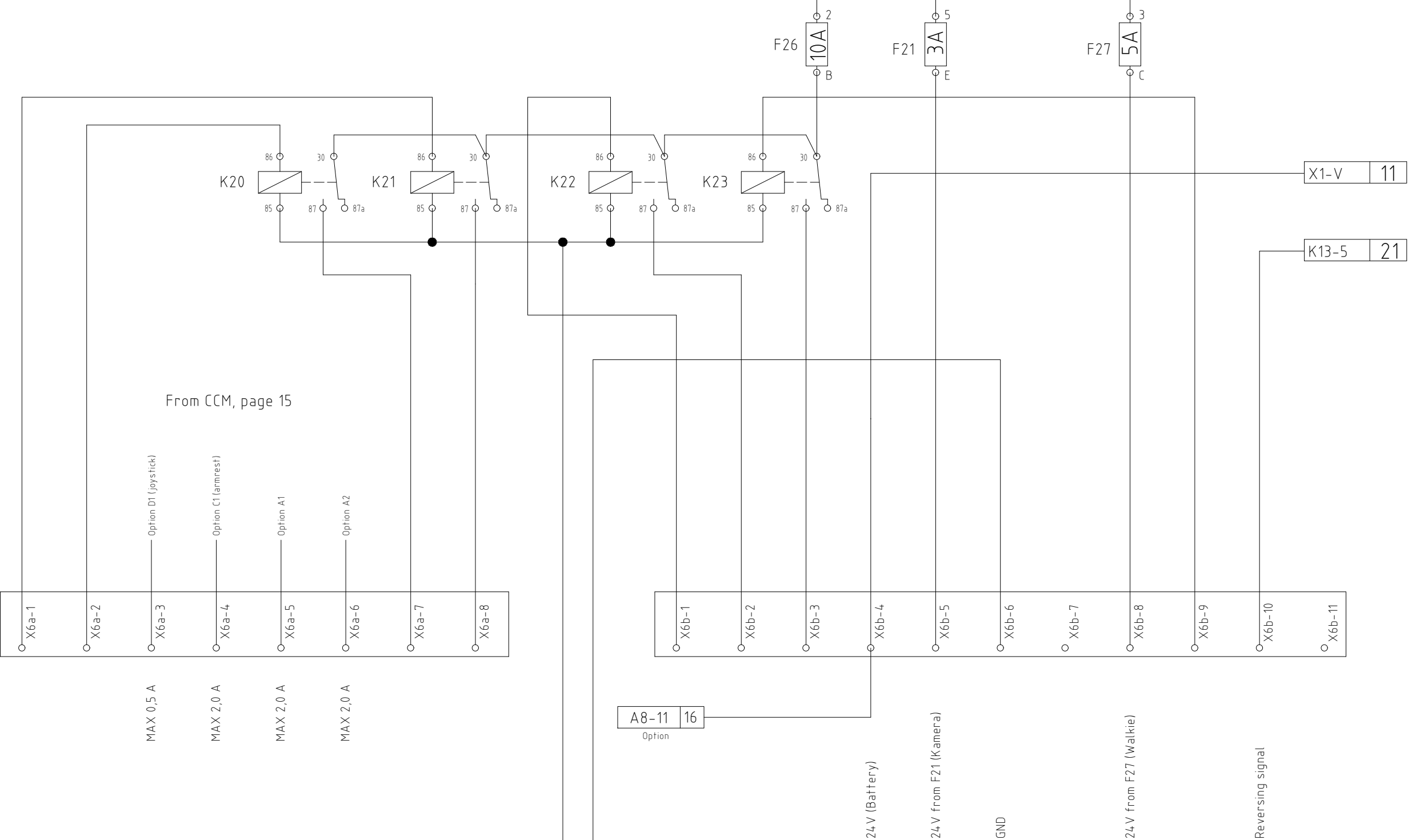








Option-connectors X6
placed by the fuse/relay panel.



GR4-30

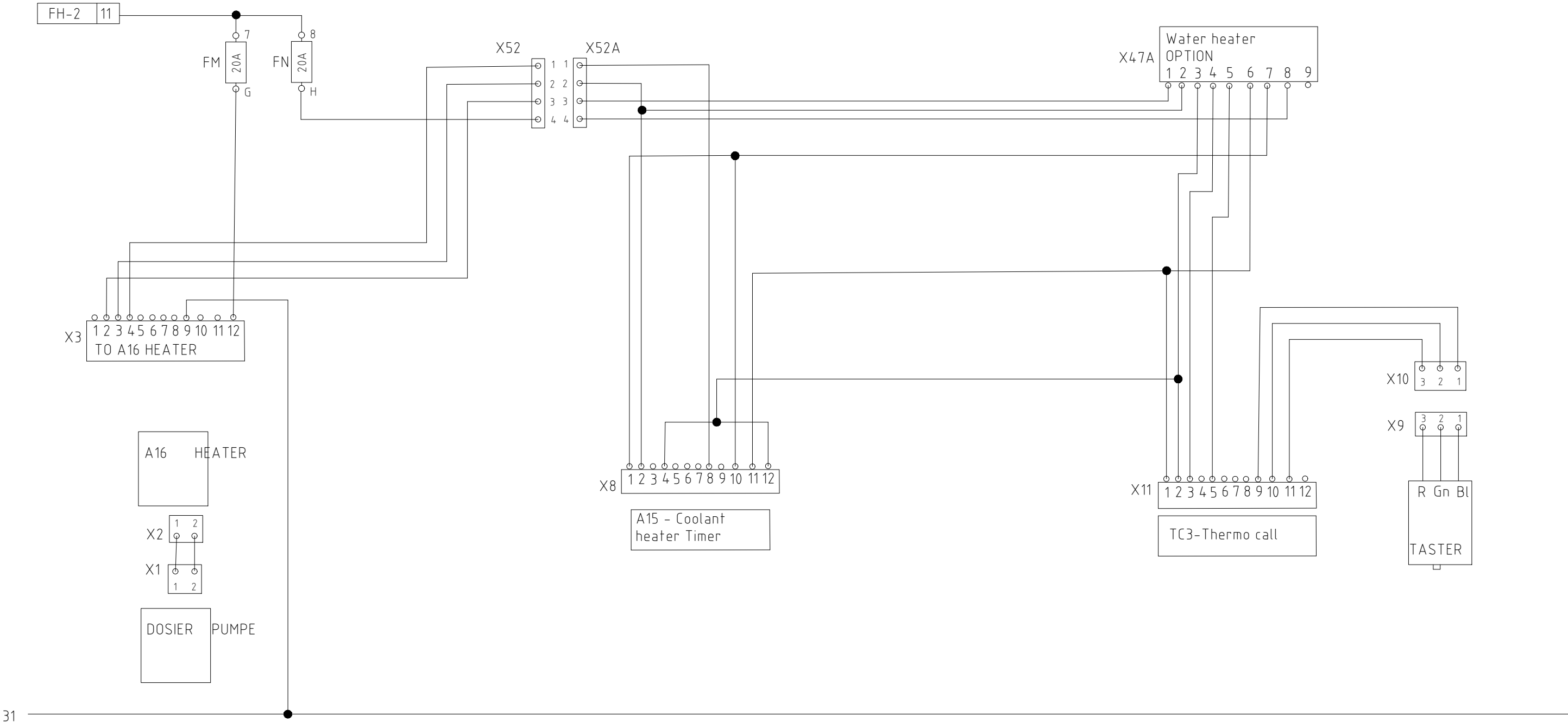
GR3-15

GR2-15

GR1-15

Option-connectors X47

With heater from page 16



GR4-30

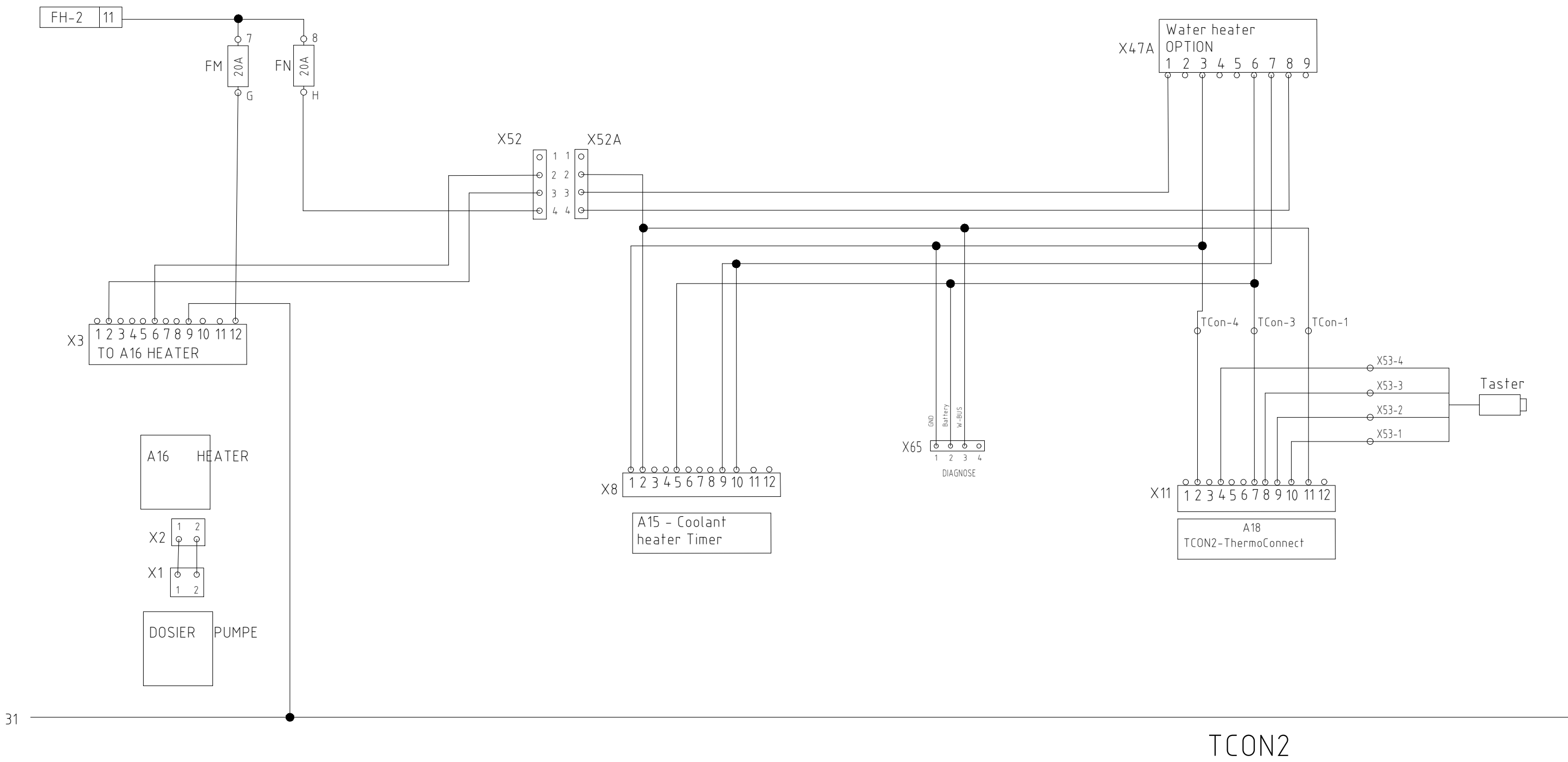
GR3-15

GR2-15

GR1-15

Option-connectors X47

With heater from page 16



922G

24a



6125000-24a/24