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LOCATION:

A1 ... DRIVE STATION
A2 ... RETURN STATION
A3 ... MIDDLE STATION
A10... BOTTOM STATION

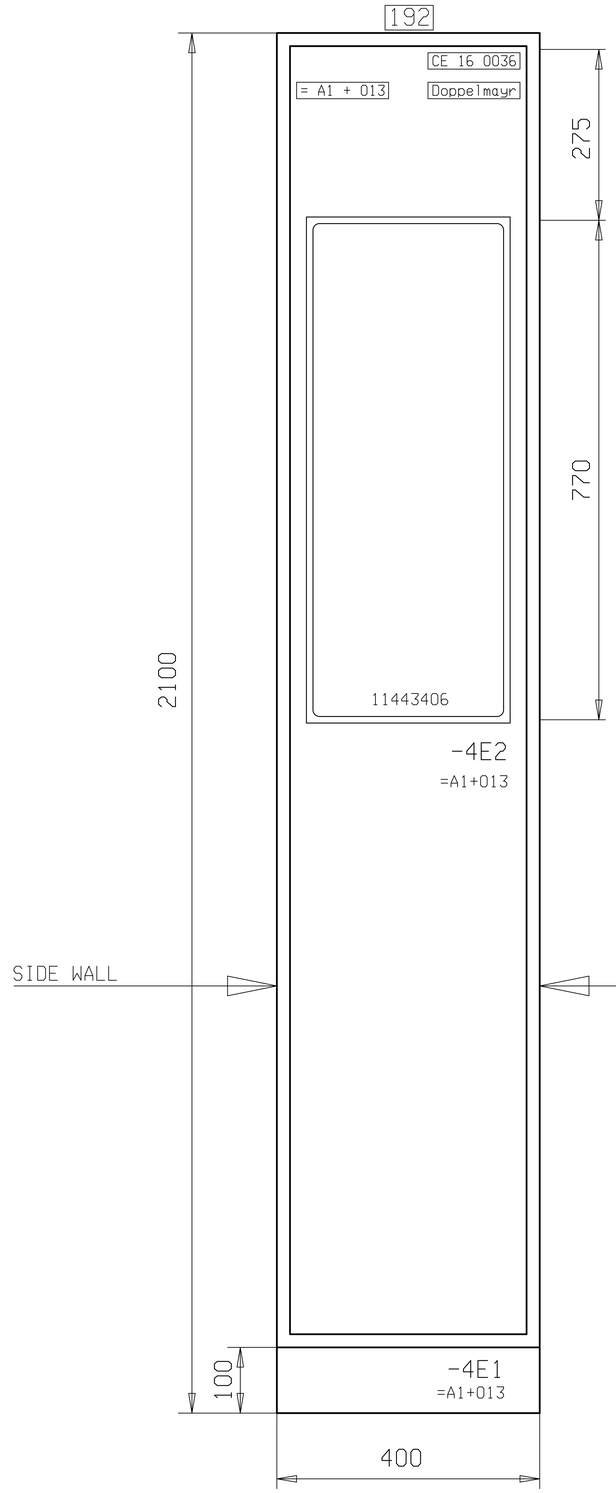
O1 ... CONTROL PANEL
O3 ... STATION
O4 ... REMOTE CONTROL
O5 ... BRAKE HYDRAULICS
O6 ... LIFT LINE / TOWERS
O7 ... LIGHTNING PROTECTION BOX
O8 ... OIL COOLER
O9 ... AUXILIARY DRIVE (ADDITIONAL HYDR.)
O10... HYDR. TENSIONING
O11... PARKING
O12... OPENING-CLOSING MECHANISM
O13... EMERGENCY DRIVE
O15... SCR UNIT
O16... POWER SUPPLY UNIT SCR-DRIVE
O18... LOADING CARPET
O20... LOADING GATE
O21... TERMINAL BOX LOADING GATE
O22... HYDRAULIC AGGREGATE LOADING GATE
O23... LOADING GATE
O25... BATTERY PANEL
O26... LOW VOLTAGE DISTRIBUTION
O30... LOUDSPEAKER EQUIPMENT
O31... TERMINAL BOX TB1
O131.. TERMINALBOX TB11
O32... TERMINAL BOX TB2
O132.. TERMINALBOX TB12
O33... TERMINAL BOX TB3
O34... TERMINAL BOX TB4
O134.. TERMINAL BOX "TB 14"
O35... TERMINAL BOX TB5
O135.. TERMINAL BOX "TB 15"
O36... TERMINAL BOX TB6
O37... TERMINAL BOX TB7
O38... TERMINAL BOX TB8
O39... TERMINAL BOX TB9
O41... R.M.C. 1
O42... R.M.C. 2
O43... R.M.C. 3
O44... R.M.C. 4 (INCOMING)
O45... R.M.C. 5 (OUTGOING)
O48... R.M.C. 8 RESTRAINING BAR INTERLOCK
O51... TELEPHONE CONNECTOR MACHINE ROOM
O52... TELEPHONE CONNECTOR THYRISTOR ROOM
O100.. TERMINAL BOX TENSIONING AGGREGATE
O101.. HYDR. TENSIONING UNIT
O102.. TERMINAL BOX LOAD CELL
O103.. LOAD CELL

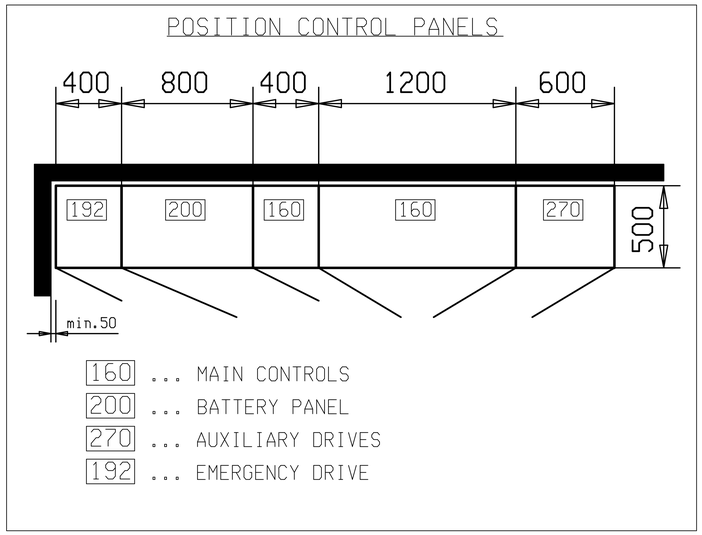
TERMINAL STRIP:

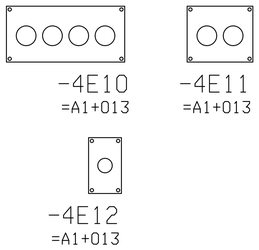
X0 ... POWER SUPPLY BATTERY PANEL
X1 ... 24V TERMINALS CONTROLS
X2 ... THREE-PHASE MOTORS
X3 ... AC CONNECTIONS
X4 ... POWER SUPPLY (AC)
X5 ... CONNECTIONS THYRISTOR PANEL
X6 ... LIMIT SWITCHES
X7 ... BRAKE HYDRAULICS
X8 ... REMOTE CONTROLS
X9 ... HYDR. TENSIONING - TERMINAL BOX TENSIONING AGGREGATE
X10... LOUDSPEAKER EQUIPMENT
X11...
X12...
X13...
X14...
X15...
X16... LIFT LINE (TOWERS)
X17... LIFT LINE (SIGNALS)
X18... ON LINE TELEPHONE
X19... CONNECTIONS TO AUX. DRIVE
X20...
X21... LIMIT SWITCHES FOR ANTI COLLISION SYSTEM
X22... PROXIMITY SWITCHES (FILTER TERMINALS)
X23... CONNECTIONS TO PARKING CONTROLS
X24...
X25... MEASURING CABLES
X26... MEASURING CABLES
X27... CONNECTION TO LOADING CARPET
X28...
X29...
X41... PRINT MAIN CONTROLS
X48... DIAGRAM R.M.C. 8
X60... MAGNETIC CLUTCH / SPINDLE MOTOR
X100 ... POWER SUPPLY 24V/DC
X101 ... CHARGE CONTROL

CHARACTERISTIC FEATURES OF THE SWITCHGEAR ASSEMBLY BY EN61439-1:

ELECTRICAL NETWORK	
POWER SYSTEM BY TYPE OF GROUND CONNECTION	TN-C-S
RATED VOLTAGE (Un)	24V
ALLOWED VOLTAGE DEVIATION AT THE CONNECTION OF SUPPLY	+/-5%
RATED FREQUENCY (fn)	50Hz
RATED IMPULSE STRENGTH VOLTAGE (Uimp)	-
RATED INSULATION VOLTAGE (Ui)	-
SHORT CIRCUIT RATING	
MAXIMUM PROSPECTIVE SHORT-CIRCUIT CURRENT AT THE CONNECTION OF SUPPLY < 10kA ROOT MEAN SQUARE	
PROTECTION OF PERSONS AGAINST ELECTRIC SHOCK BY IEC 60364-4-41	
KIND OF PROTECTION AGAINST ELECTRIC SHOCK - BASIC PROTECTION	BASIC PROTECTION BY CONSTRUCTIVE MEASURES
KIND OF PROTECTION AGAINST ELECTRIC SHOCK - FAULT PROTECTION	PROTECTIVE MULTIPLE EARTHING
INSTALLATION ENVIRONMENT	
INSTALLATION AREA	INDOOR
PROTECTION CLASS	CABINET BOTTOM SIDE: IPXXB; REMAINING PARTS OF THE CABINET: IP2X
AMBIENT TEMPERATURE	-10°C - +30°C
POLLUTION DEGREE	1
EMC - ENVIRONMENT	A
MAX. HUMIDITY	90%
CURRENT CARRYING CAPACITY	
RATED CURRENT (InA)	SEE OVERCURRENT PROTECTION DEVICES
RATED CURRENT (Inc)	SEE OVERCURRENT PROTECTION DEVICES







-4E3	=A1+013	1x	LSC-FRAME
-4E4	=A1+013	1x	SIDE WALL
-4E5	=A1+013	1x	DIVIDING WALL
-4E6	=A1+013	1x	ADDING UNIT
-4E7	=A1+013	1x	STICKER - CE
-4E8	=A1+013	1x	STICKER - "Doppelmayr-Logo"
-4E9	=A1+013	1x	STICKER - "=A1+013"
-4E13	=A1+013	1x	CONTROL PANEL DOOR MACHINED (TS 8405.510 li.)
-4E17	=A1+013	1x	WIRING MATERIAL A1+013

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CONTROL PANEL DIMENSIONS

DRIVE STATION | LV-CONTROL EMERGENCY DRIVE

=A1+013

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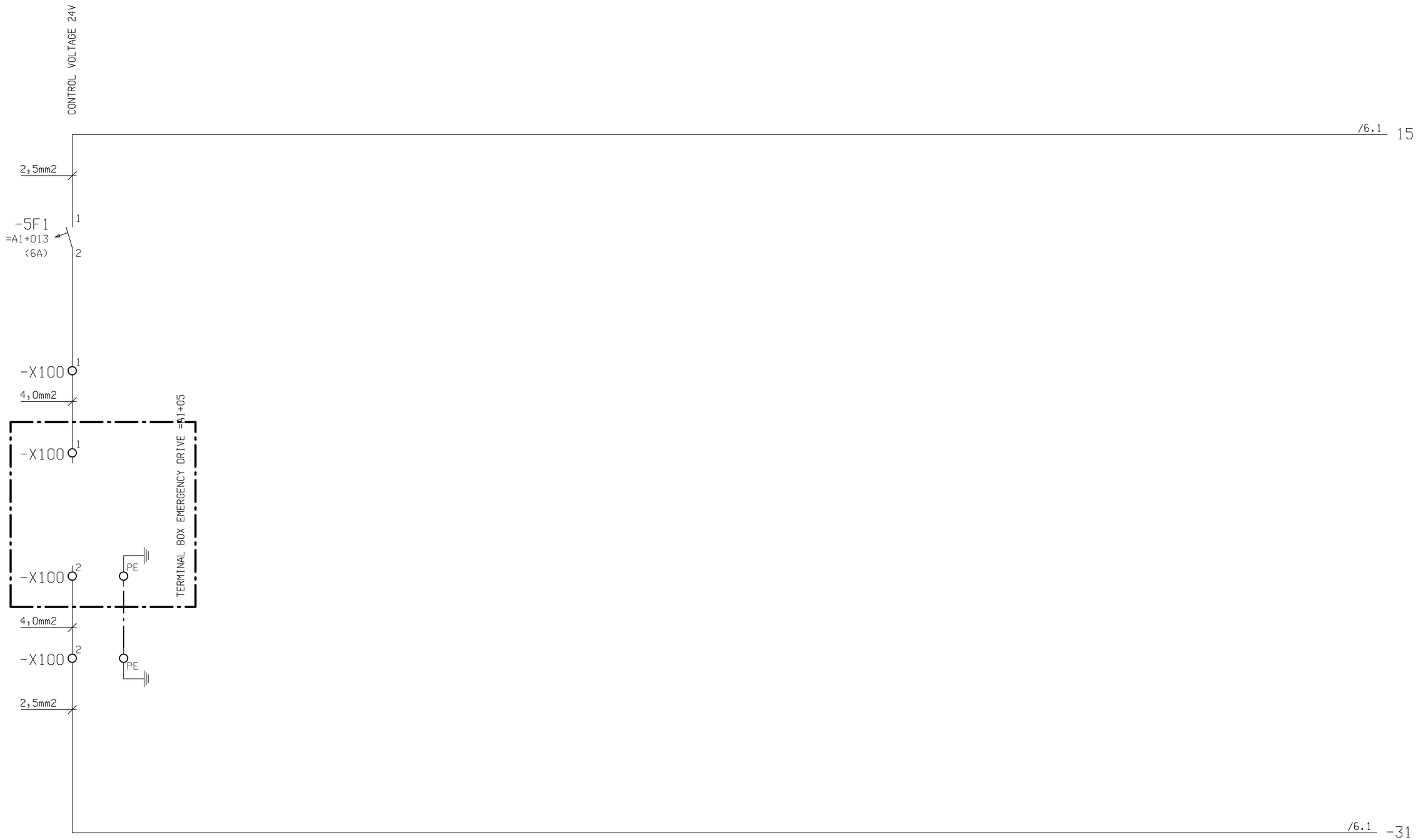

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CONTROLS 24V

DRIVE STATION

LV-CONTROL EMERGENCY DRIVE

=A1+013

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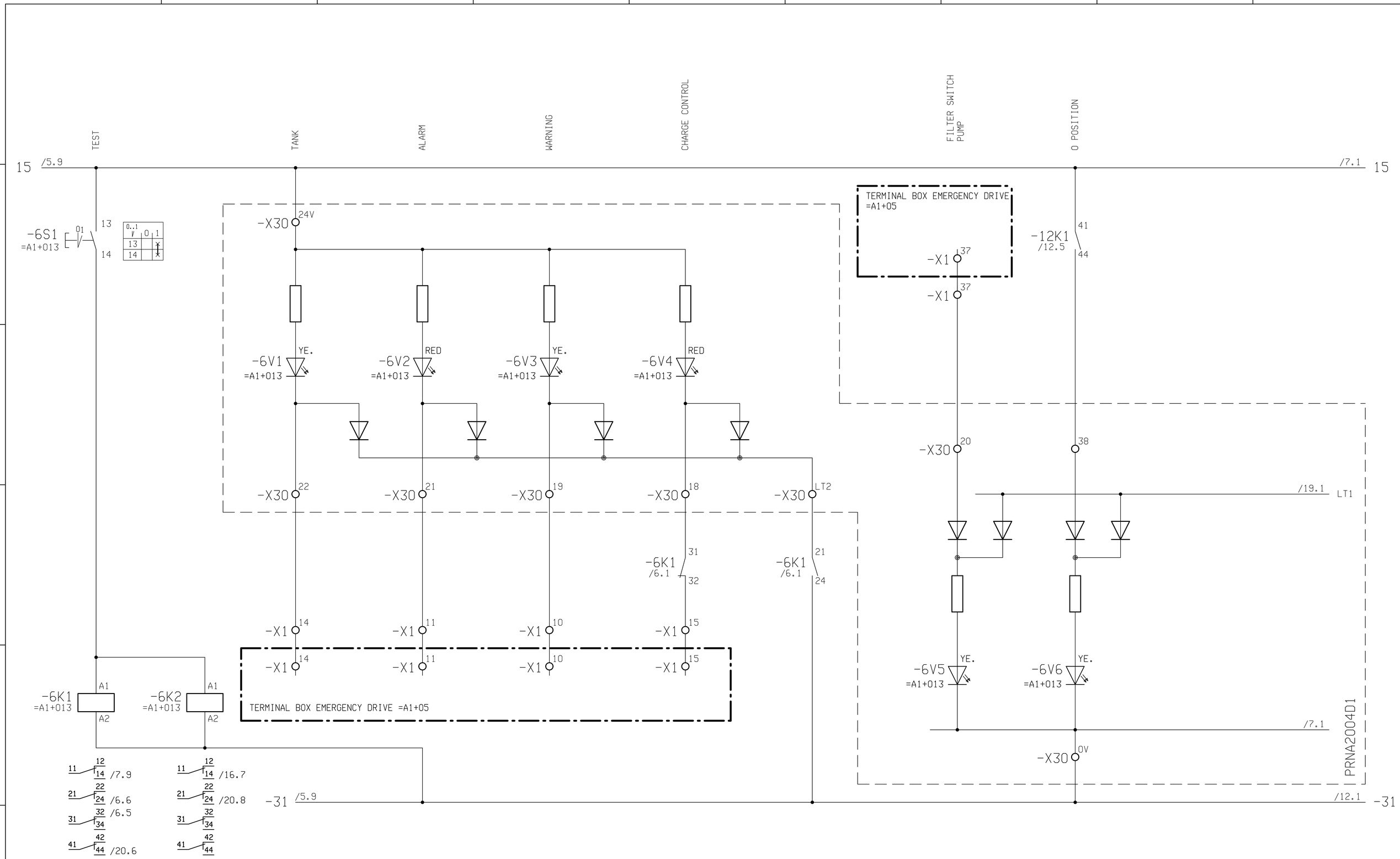

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CONTROL LIGHTS

DRIVE STATION | LV-CONTROL EMERGENCY DRIVE

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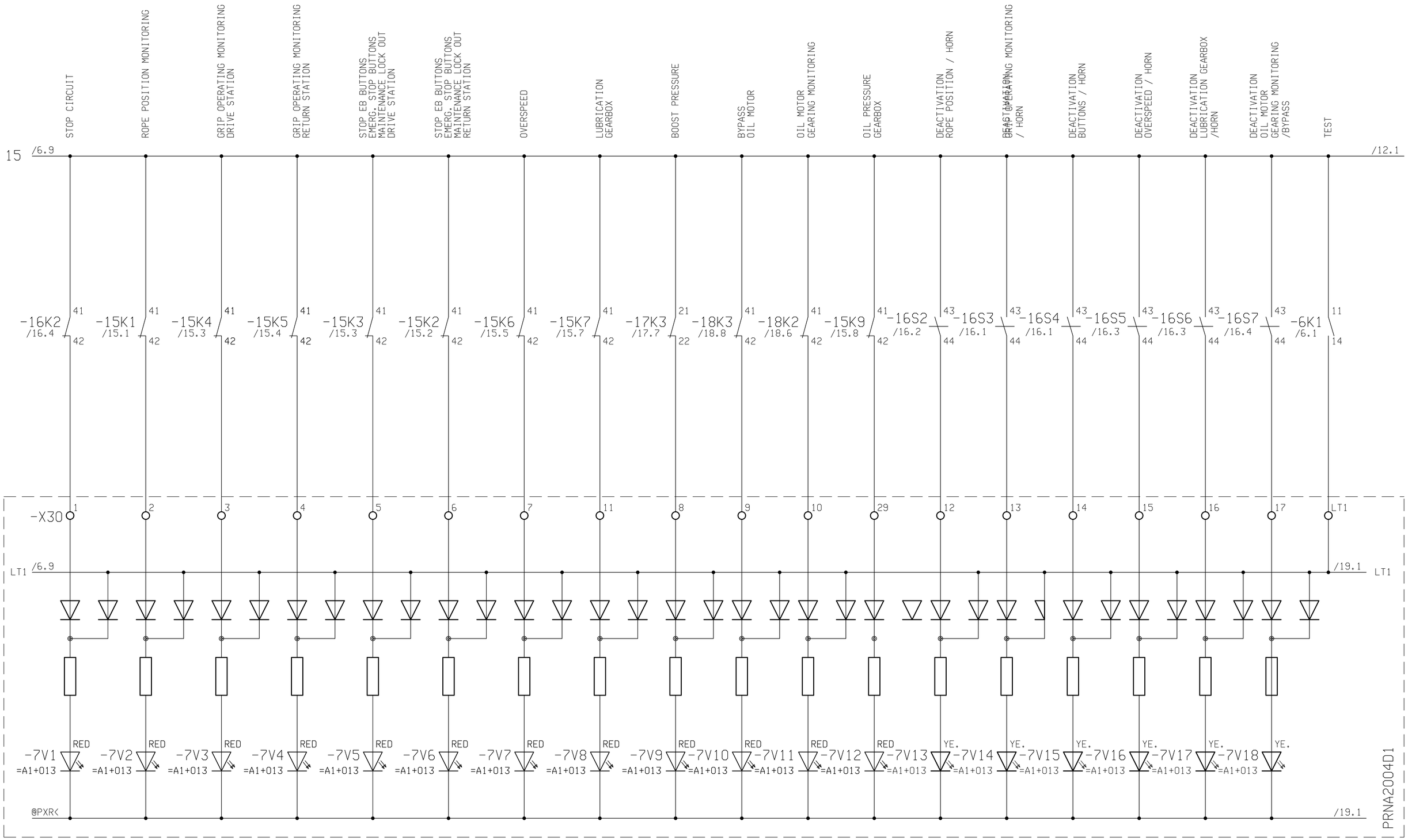

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DRIVE STATION

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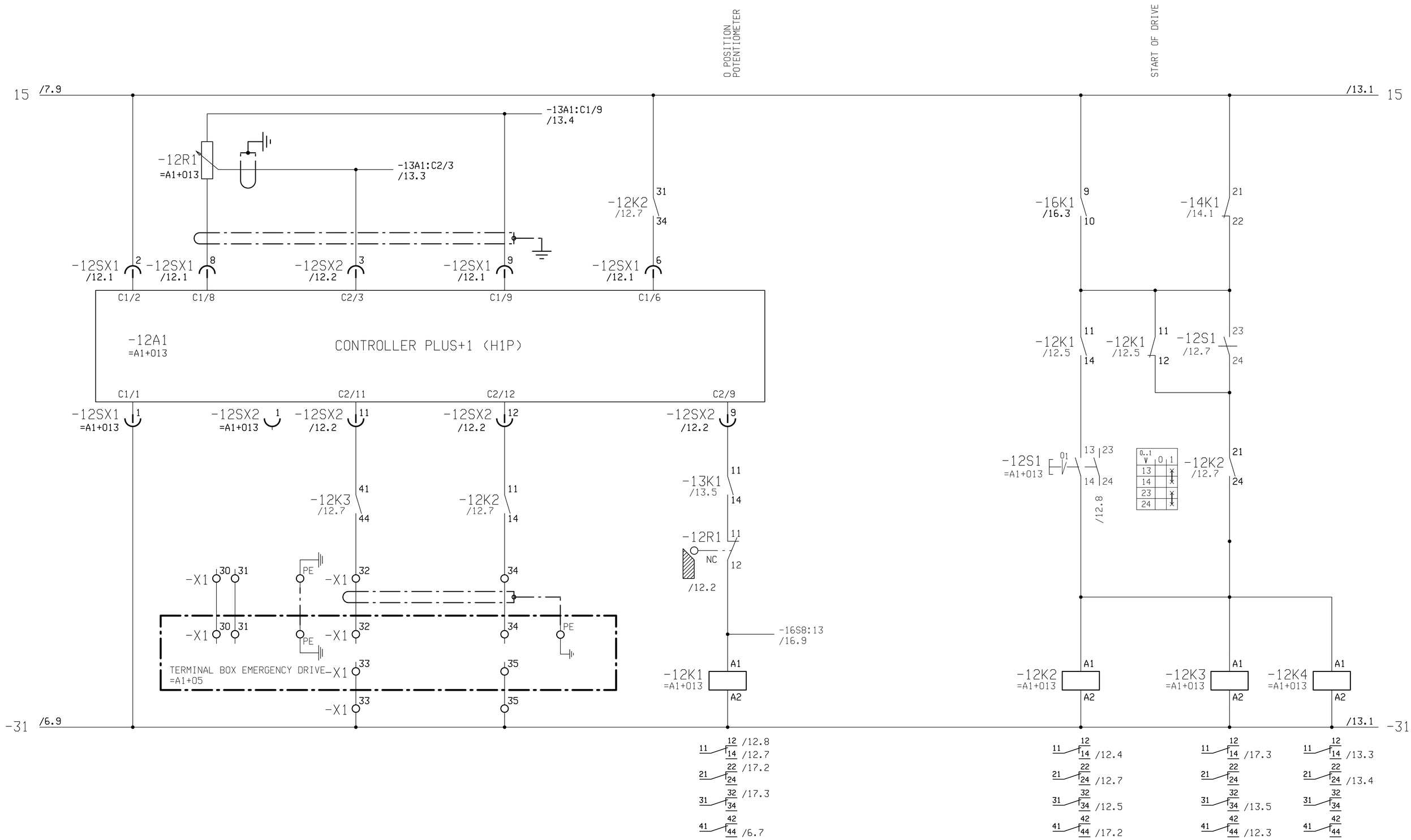

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CONTROLS 24V PROPORTIONAL VALVE 1

DRIVE STATION | LV-CONTROL EMERGENCY DRIVE

=A1+013

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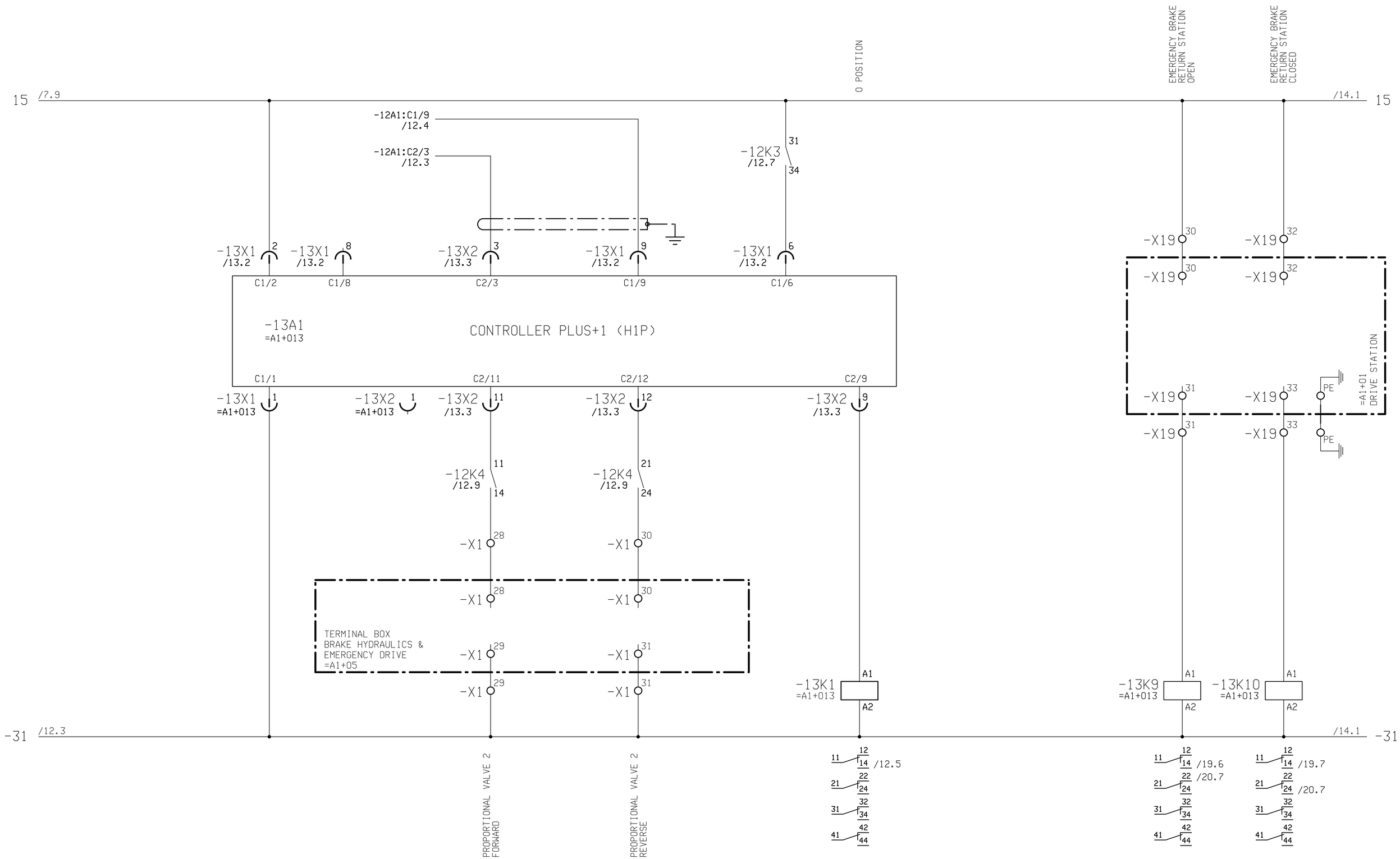

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CONTROLS 24V PROPORTIONAL VALVE 2

DRIVE STATION

LV-CONTROL EMERGENCY DRIVE

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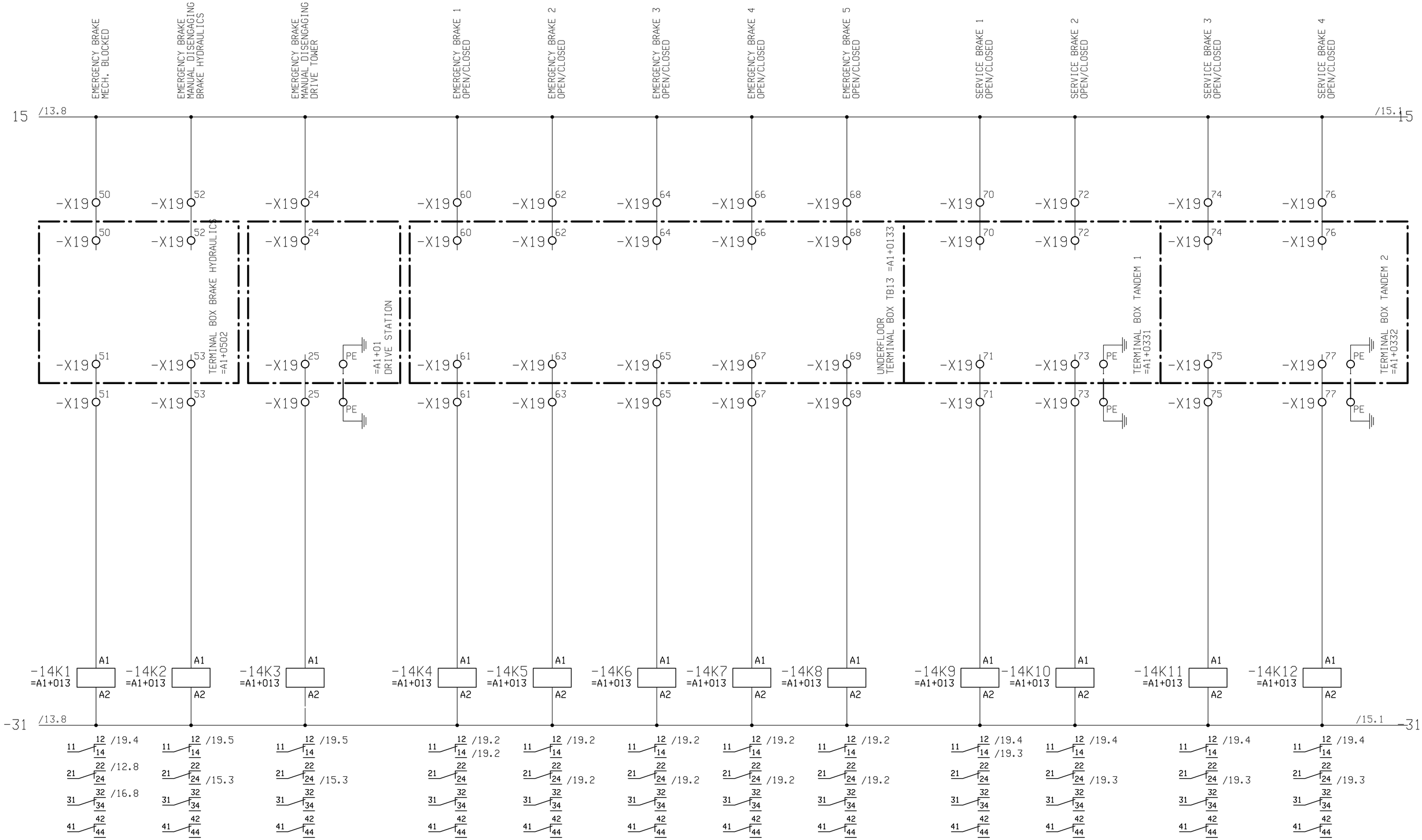

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CONNECTIONS TO MAIN CONTROLS

DRIVE STATION | LV-CONTROL EMERGENCY DRIVE

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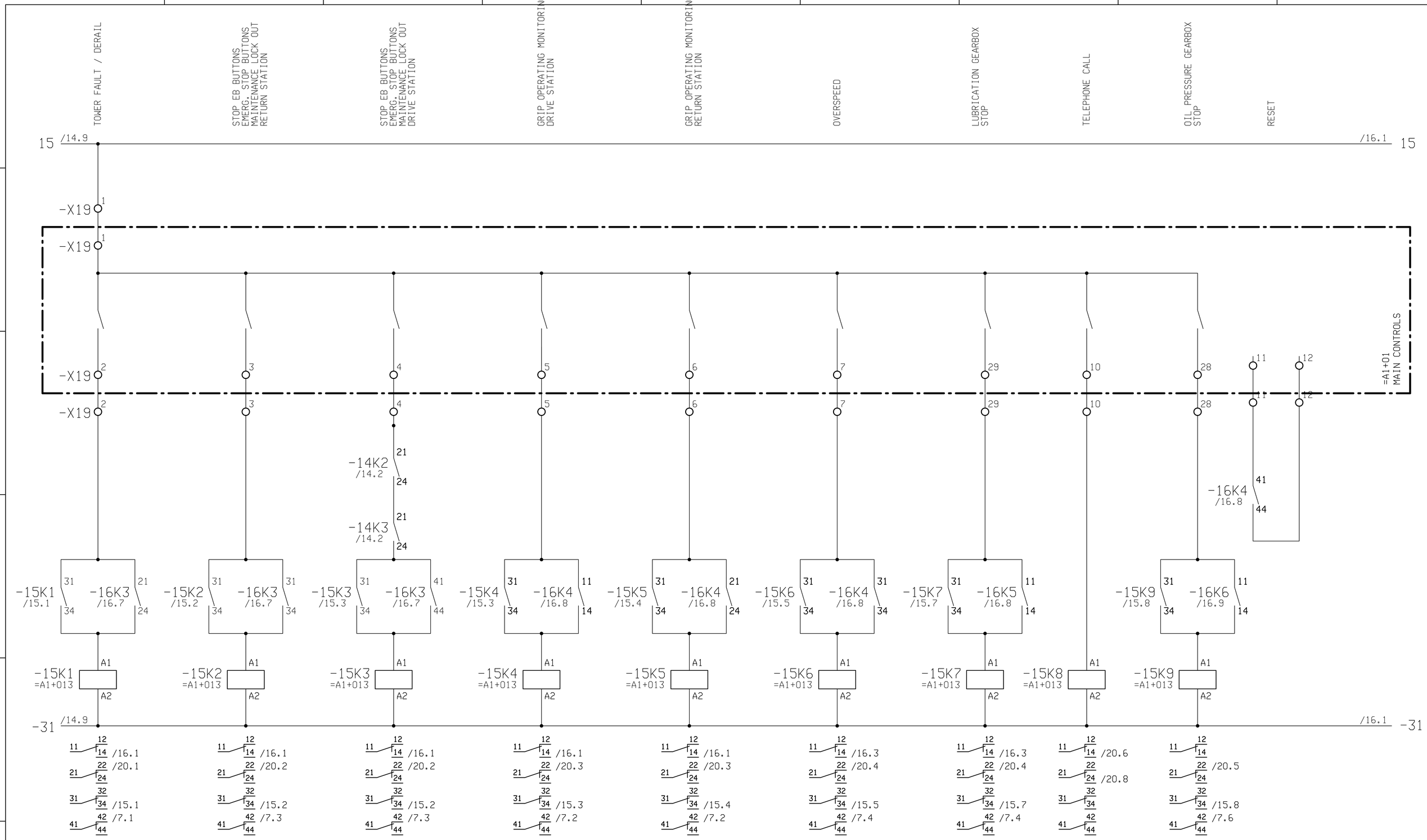

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CONNECTIONS TO MAIN CONTROLS

DRIVE STATION | LV-CONTROL EMERGENCY DRIVE

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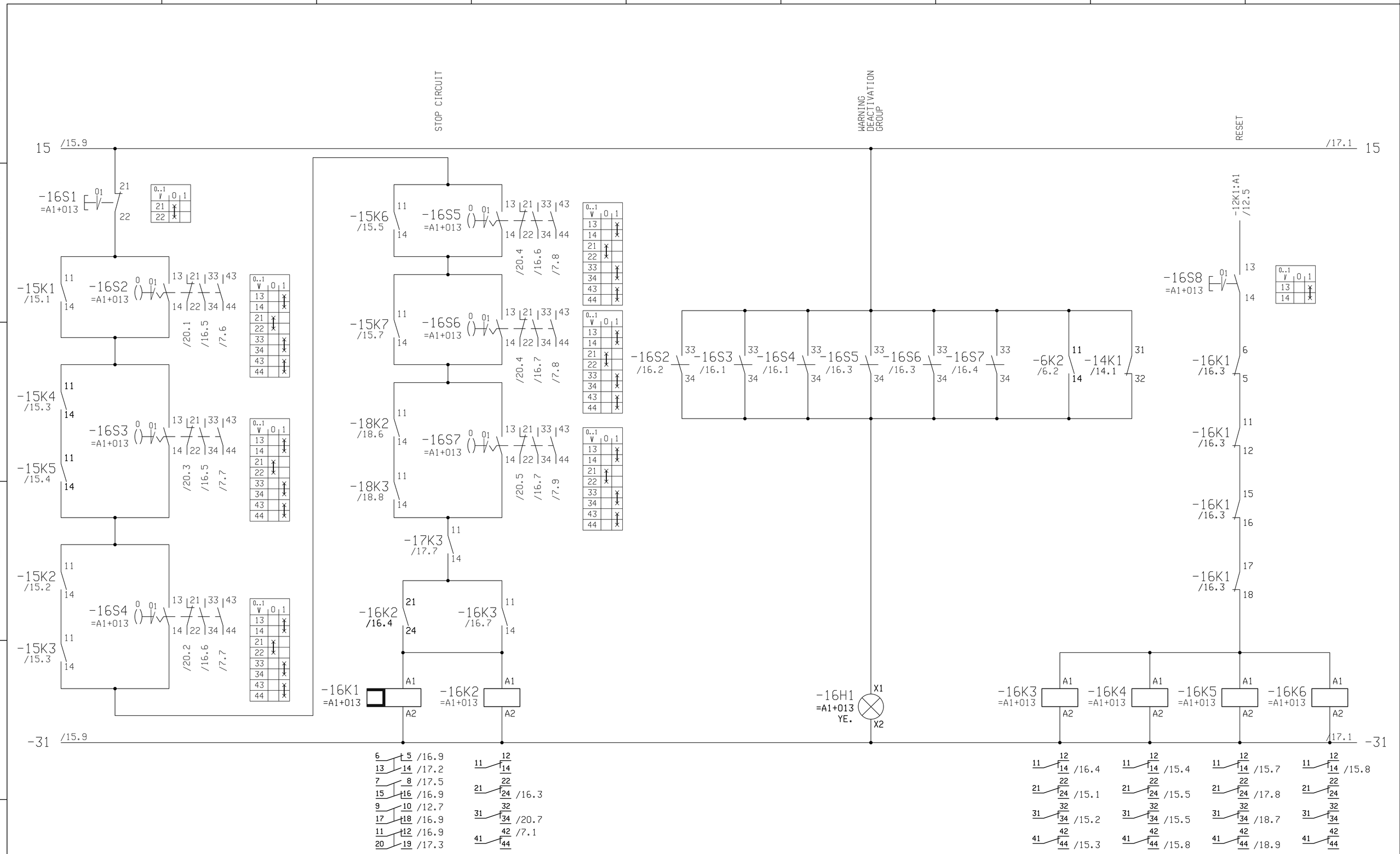

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STOP CIRCUIT

DRIVE STATION | LV-CONTROL EMERGENCY DRIVE

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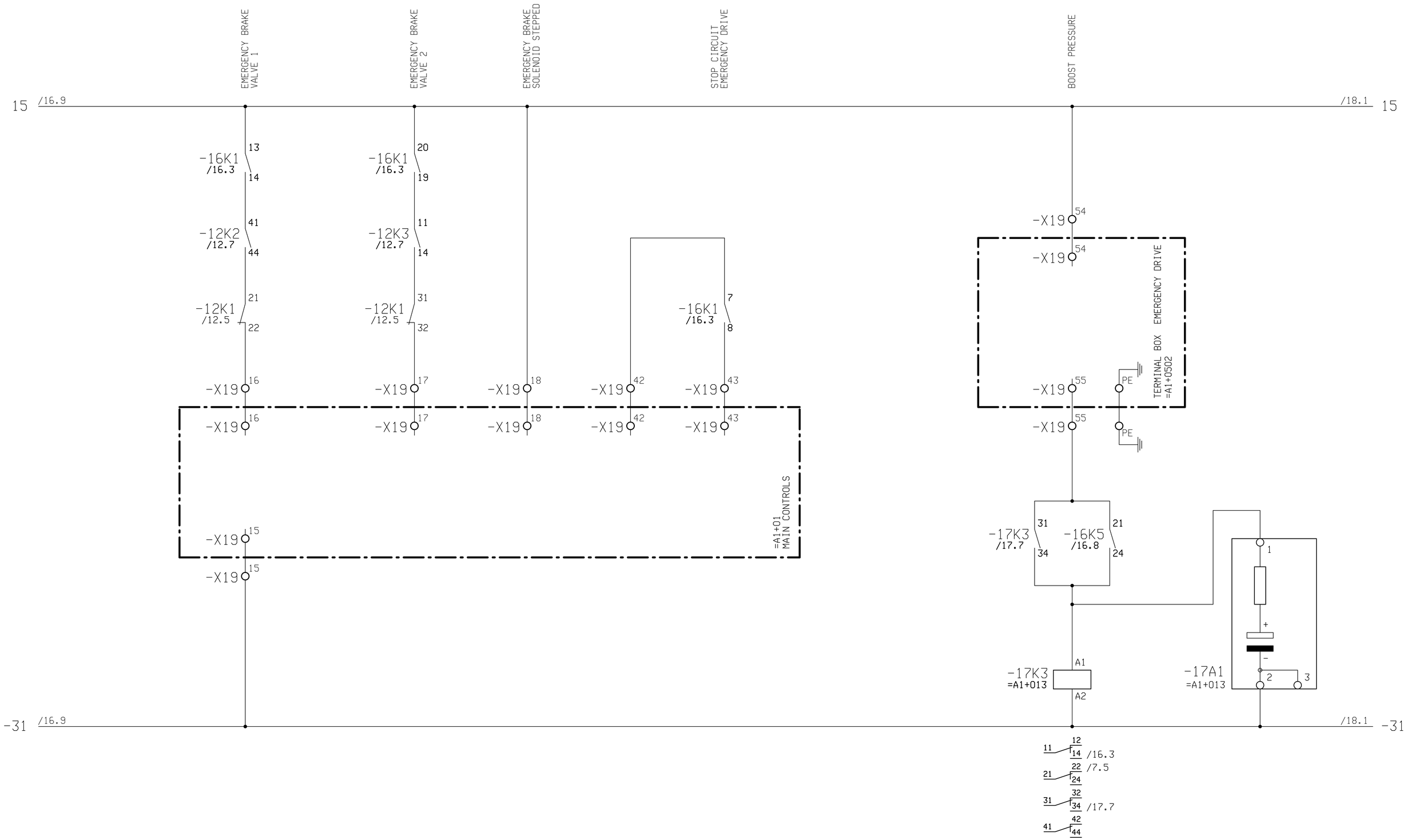

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CONTROLS 24V

DRIVE STATION | LV-CONTROL EMERGENCY DRIVE

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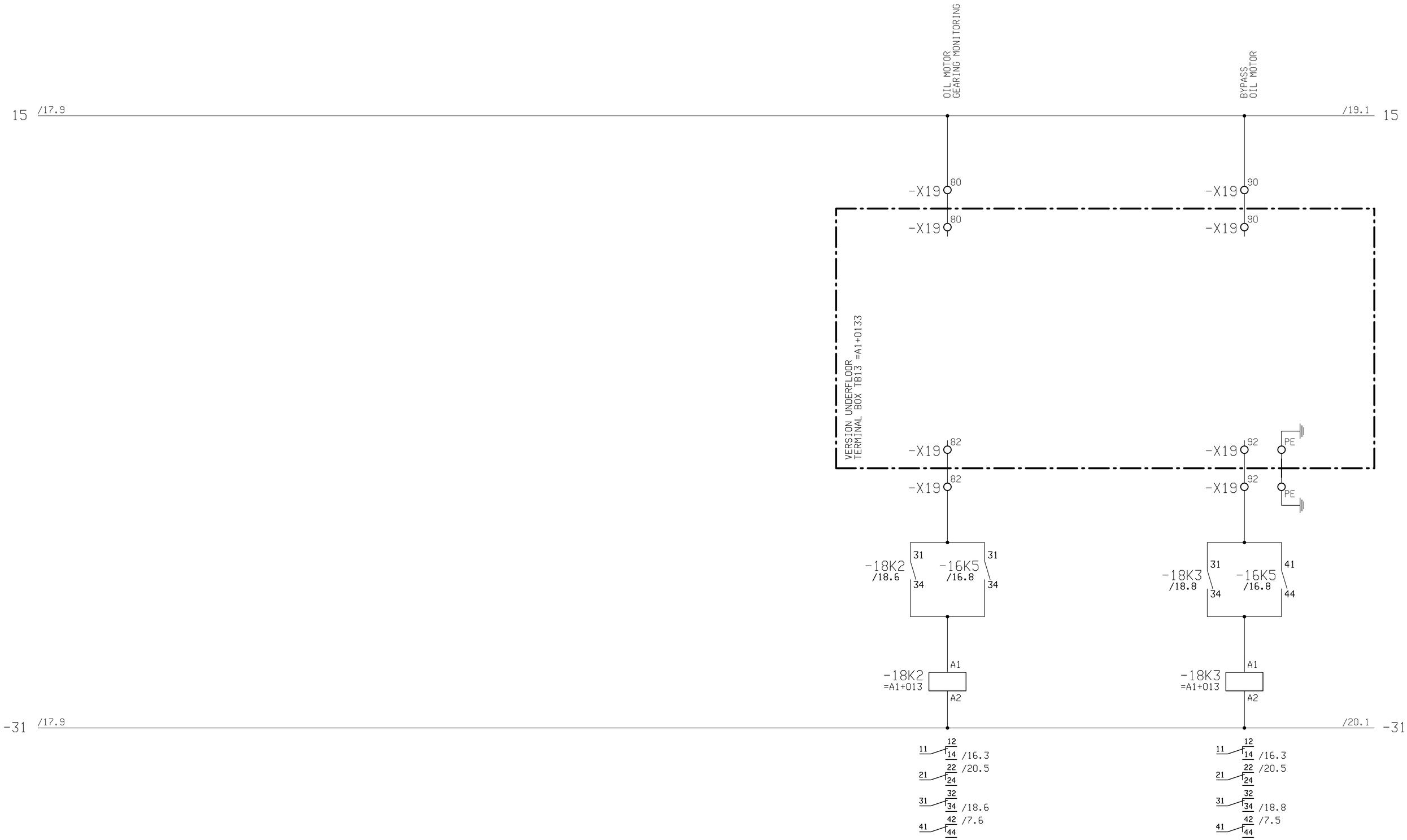

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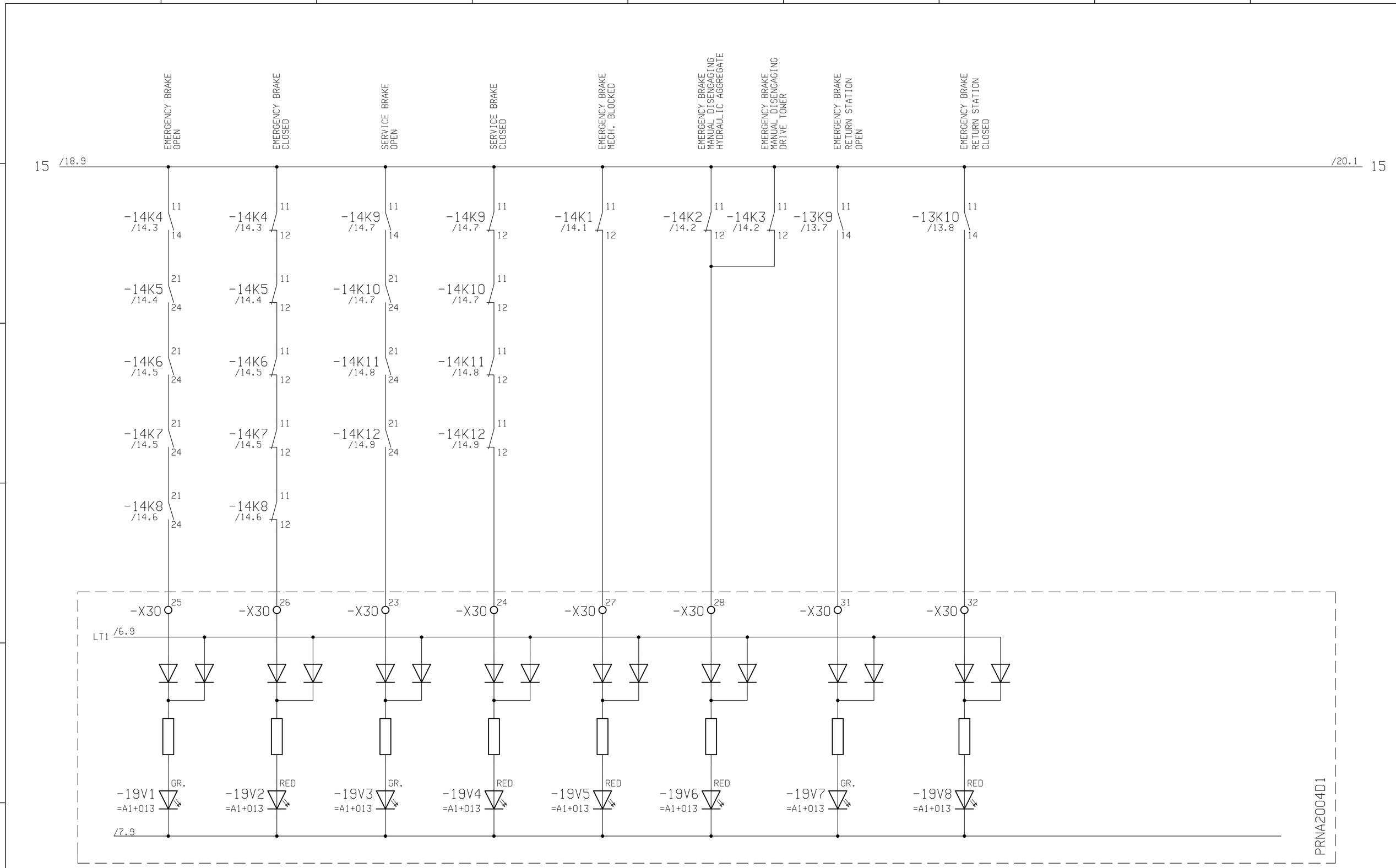

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CONTROL LIGHTS

DRIVE STATION

LV-CONTROL EMERGENCY DRIVE

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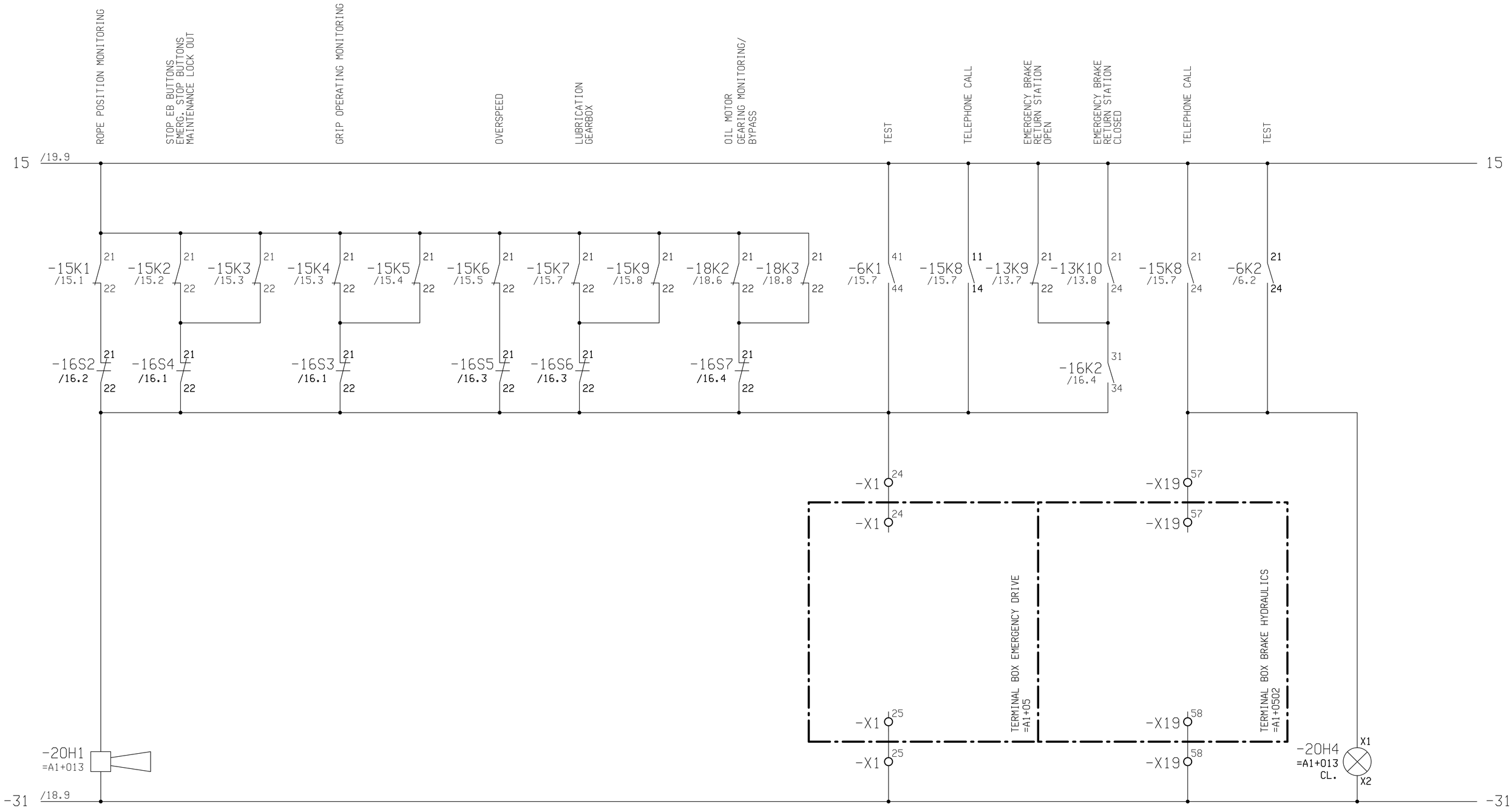

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DRIVE STATION | LV-CONTROL EMERGENCY DRIVE

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