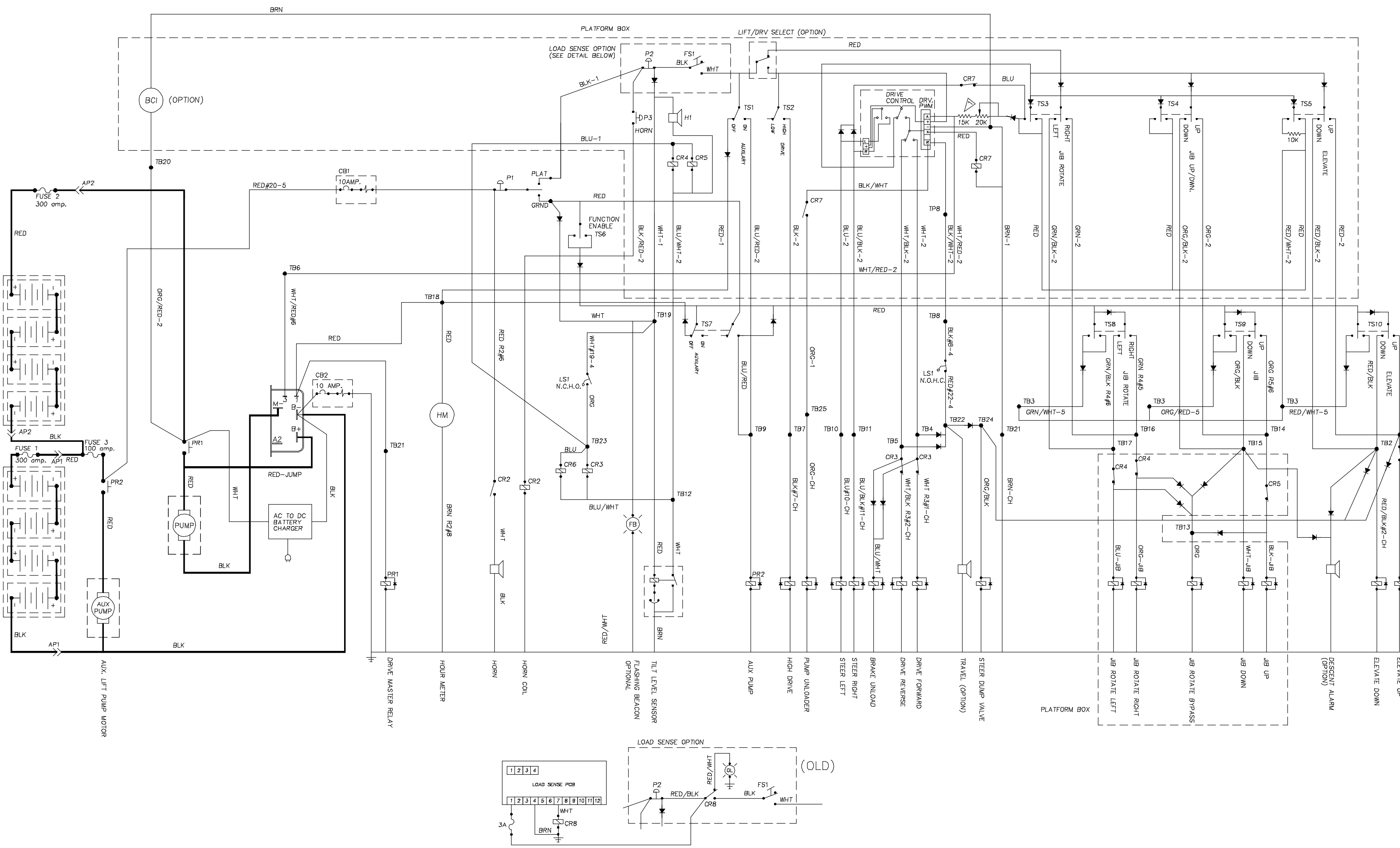
Z1 Z20/8 Z25/8

Z20-8 Z25-8 Index

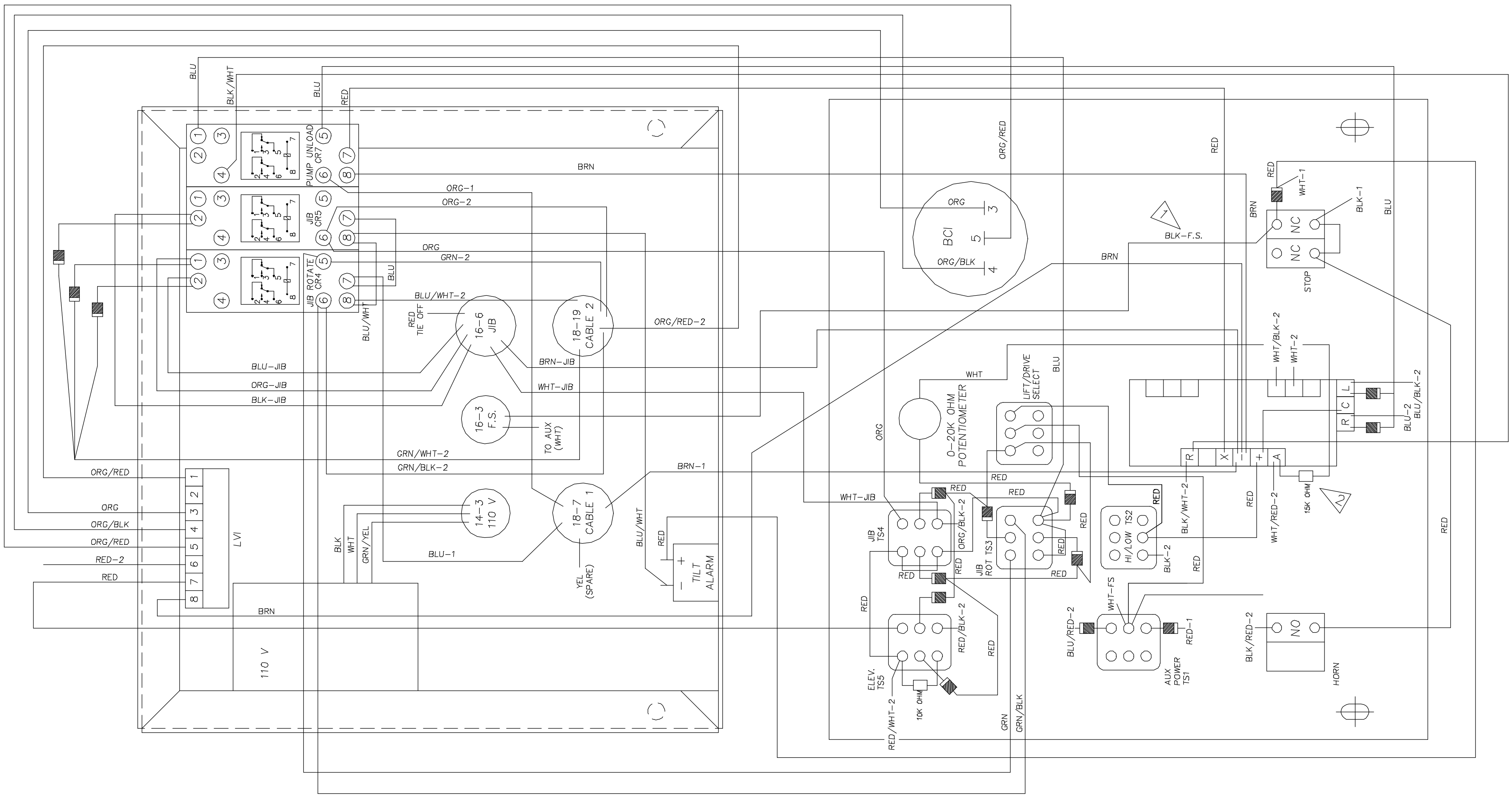
Z20/8 Z25/8
ELECTRICAL SCHEMATIC

NOTE:
EARLIER MODELS HAVE 10K OHM RESISTOR



Z20-8 Z25-8 Index

Z20/8 Z25/8
ELECTRICAL SCHEMATIC
LIFT/DRIVE SELECT & LVI/BCI OPTIONS



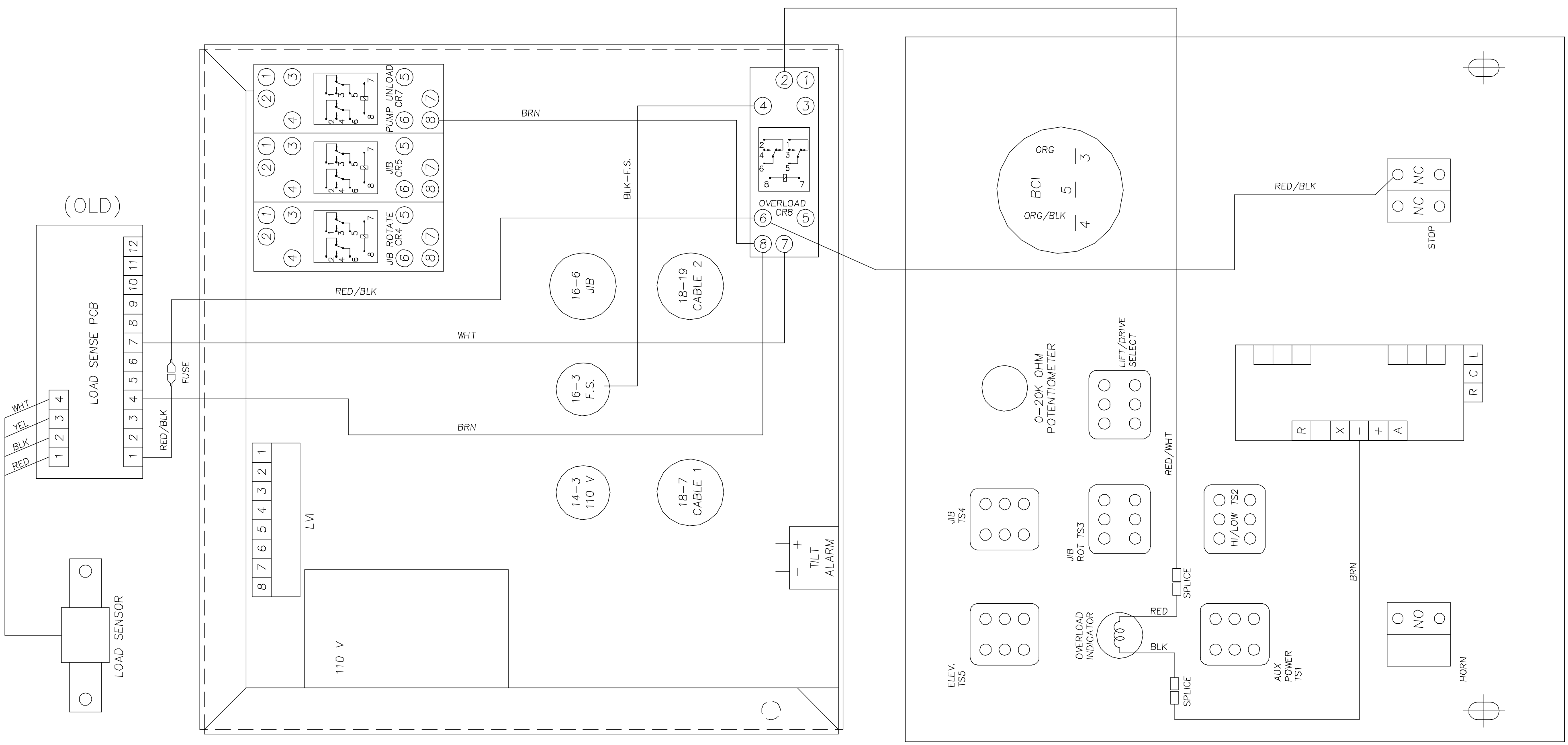
NOTE:

1. REMOVE THIS WIRE WHEN LOAD SENSE OPTION IS REQUIRED.
2. EARLIER MODELS HAVE 10K OHM RESISTOR

DWG. #ES20-6D

Z20-8 Z25-8 Index

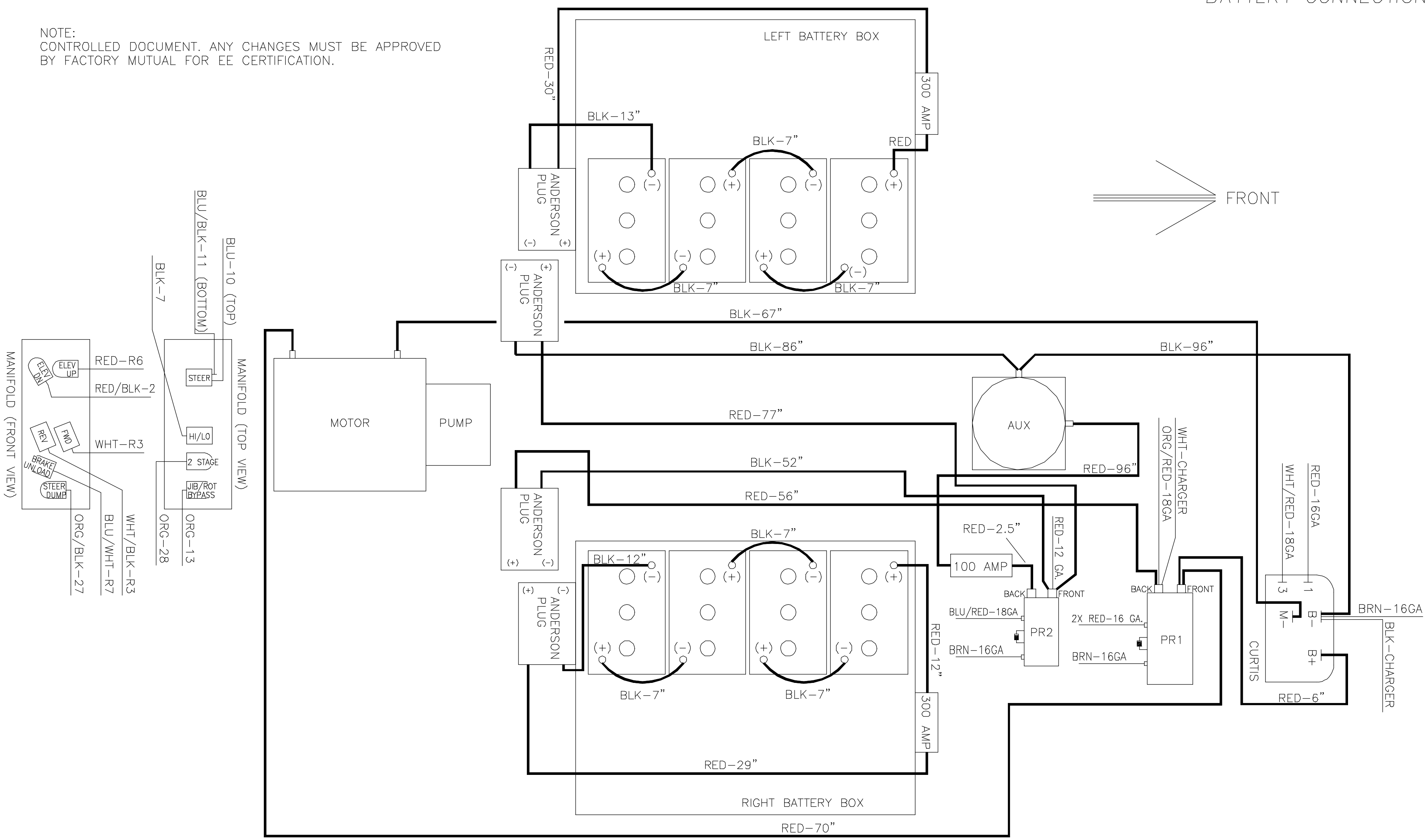
Z20/8 Z25/8
ELECTRICAL SCHEMATIC
LOAD SENSE OPTION



Z20-8 Z25-8 Index

Z20
ELECTRICAL SCHEMATIC
BATTERY CONNECTIONS

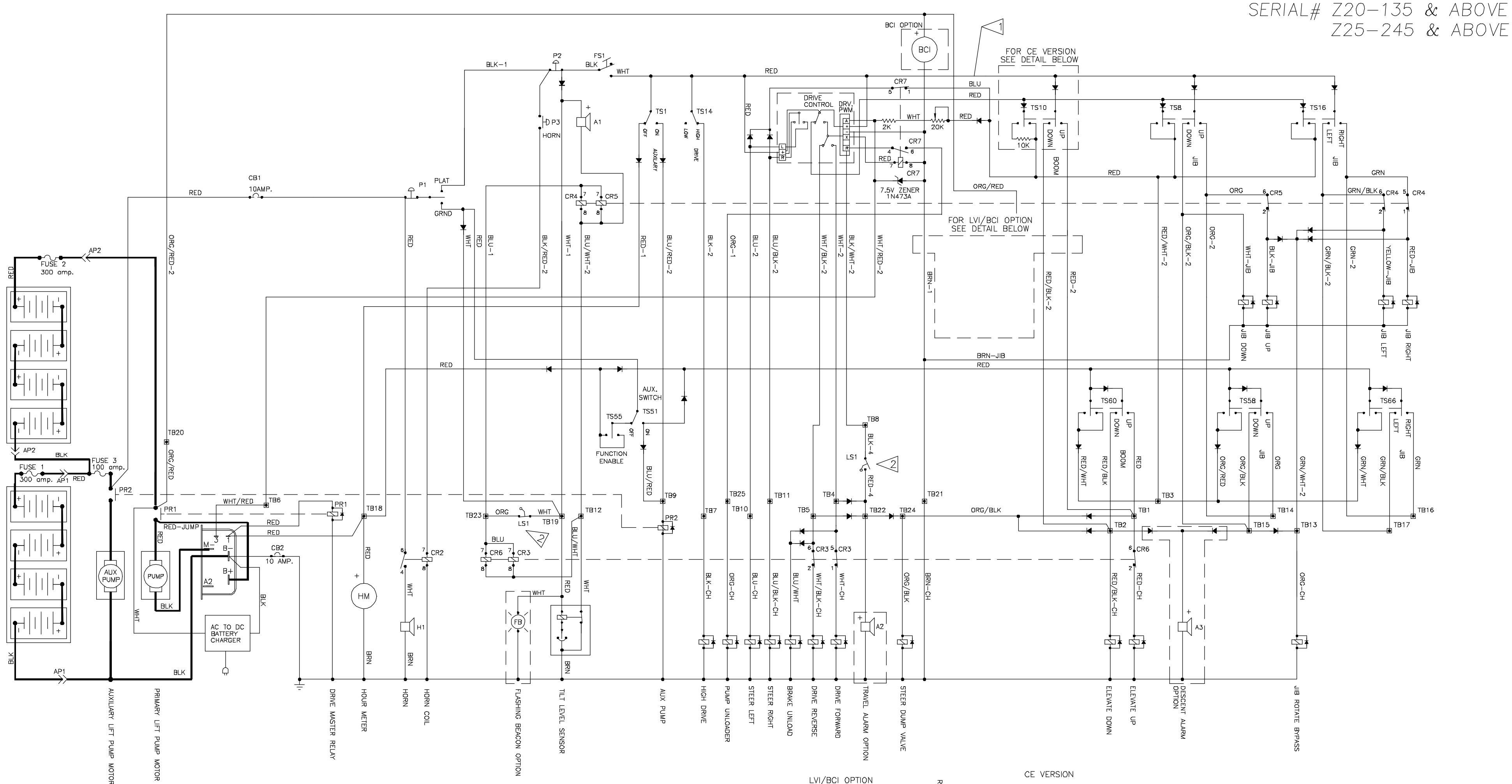
NOTE:
CONTROLLED DOCUMENT. ANY CHANGES MUST BE APPROVED BY FACTORY MUTUAL FOR EE CERTIFICATION.



DWG. #ES20-4H

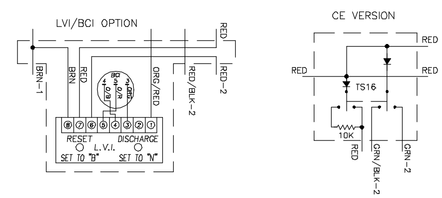
Z20-8 Z25-8 Index

Z20/25
ELECTRICAL SCHEMATIC
SERIAL# Z20-135 & ABOVE
Z25-245 & ABOVE



NOTES:

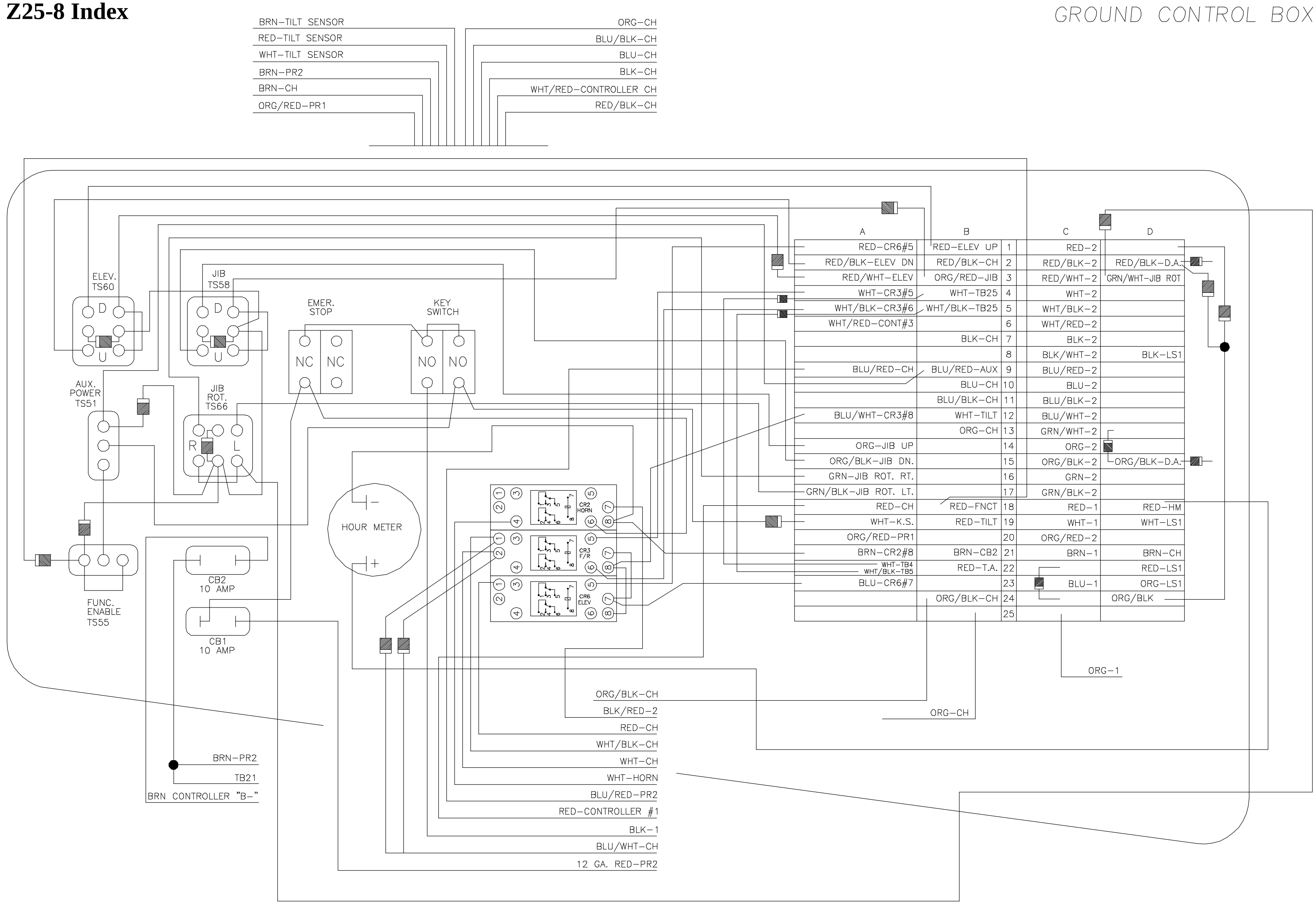
1. REMOVE THIS WIRE ON CE MODELS FOR LIFT/DRIVE SELECT (SEE DETAIL)
2. SWITCH SHOWN WITH BOOM IN RAISED POSITION
3. CONTROLLED DOCUMENT. ANY CHANGES MUST BE APPROVED BY FACTORY MUTUAL FOR EE CERTIFICATION.



DWG. #ES20-1K

Z20-8 Z25-8 Index

Z20/25
WIRING DIAGRAM
GROUND CONTROL BOX LEGEND

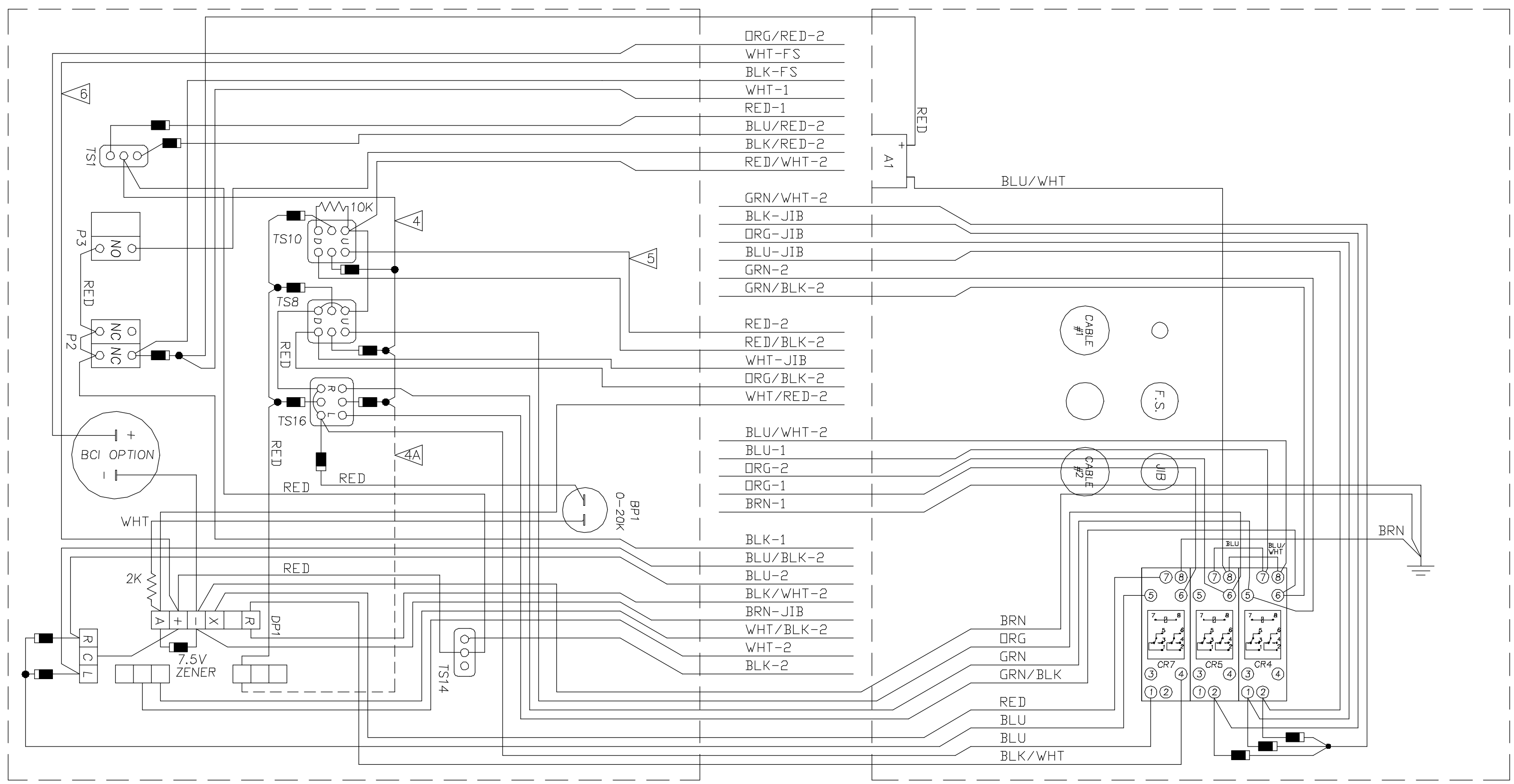


NOTE:
CONTROLLED DOCUMENT. ANY CHANGES MUST BE APPROVED
BY FACTORY MUTUAL FOR EE CERTIFICATION.

DWG. #ES20-2K

Z20-8 Z25-8 Index

Z20/25
WIRING DIAGRAM
PLATFORM CONTROL BOX LEGEND



NOTES:

4 REMOVE THIS WIRE ON CE MODELS FOR LIFT DRIVE SELECT

4A ADD THIS WIRE ON CE MODELS FOR LIFT DRIVE SELECT

5 REMOVE THIS WIRE ON LVI/BCI OPTION

6 REMOVE THIS WIRE WHEN LOAD SENSE OPTION IS REQUIRED

7. CONTROLLED DOCUMENT. ANY CHANGES MUST BE APROVED BY FACTORY MUTUAL FOR EE CERTIFICATION

LABEL	DESCRIPTION
P2	EMERGENCY STOP BUTTON
P3	HORN BUTTON
DP1	DRIVE CONTROLLER
BP1	BOOM FUNCTION SPEED POTENTIOMETER
TS1	AUXILIARY PUMP SWITCH
TS8	JIB UP/DOWN SWITCH
TS10	BOOM UP/DOWN SWITCH
TS14	DRIVE RANGE HI/LOW SWITCH
TS16	JIB ROTATE SWITCH
A1	TILT ALARM
BCI	BATTERY CHARGE INDICATOR (OPTION)
CR4	JIB ROTATE FUNCTION CUTOUT RELAY
CR5	JIB UP FUNCTION CUTOUT RELAY
CR7	PUMP UNLOADER RELAY

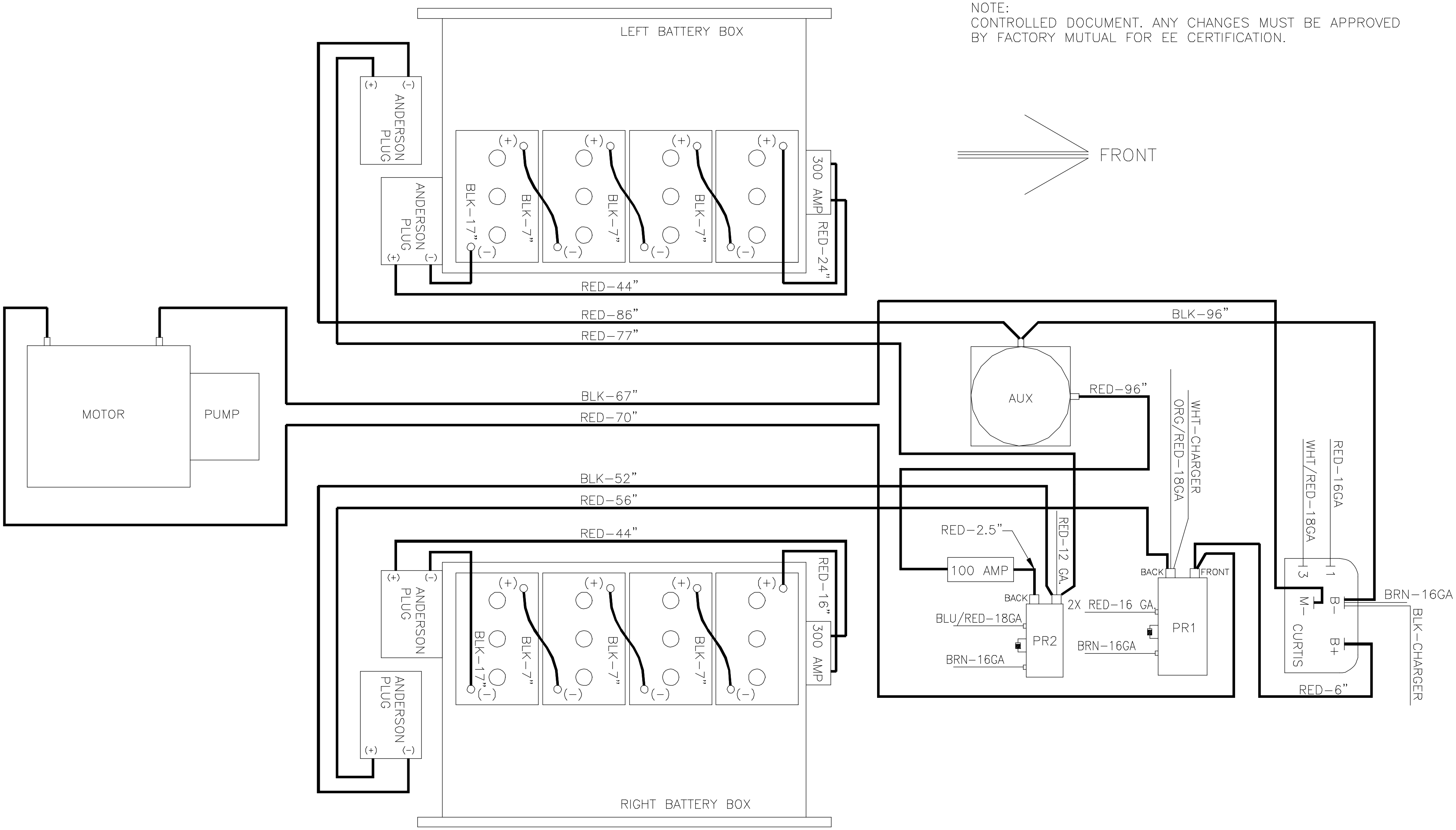
SPARE WIRES

RED-JIB
YEL-JIB
YEL-1

Z20-8 Z25-8 Index

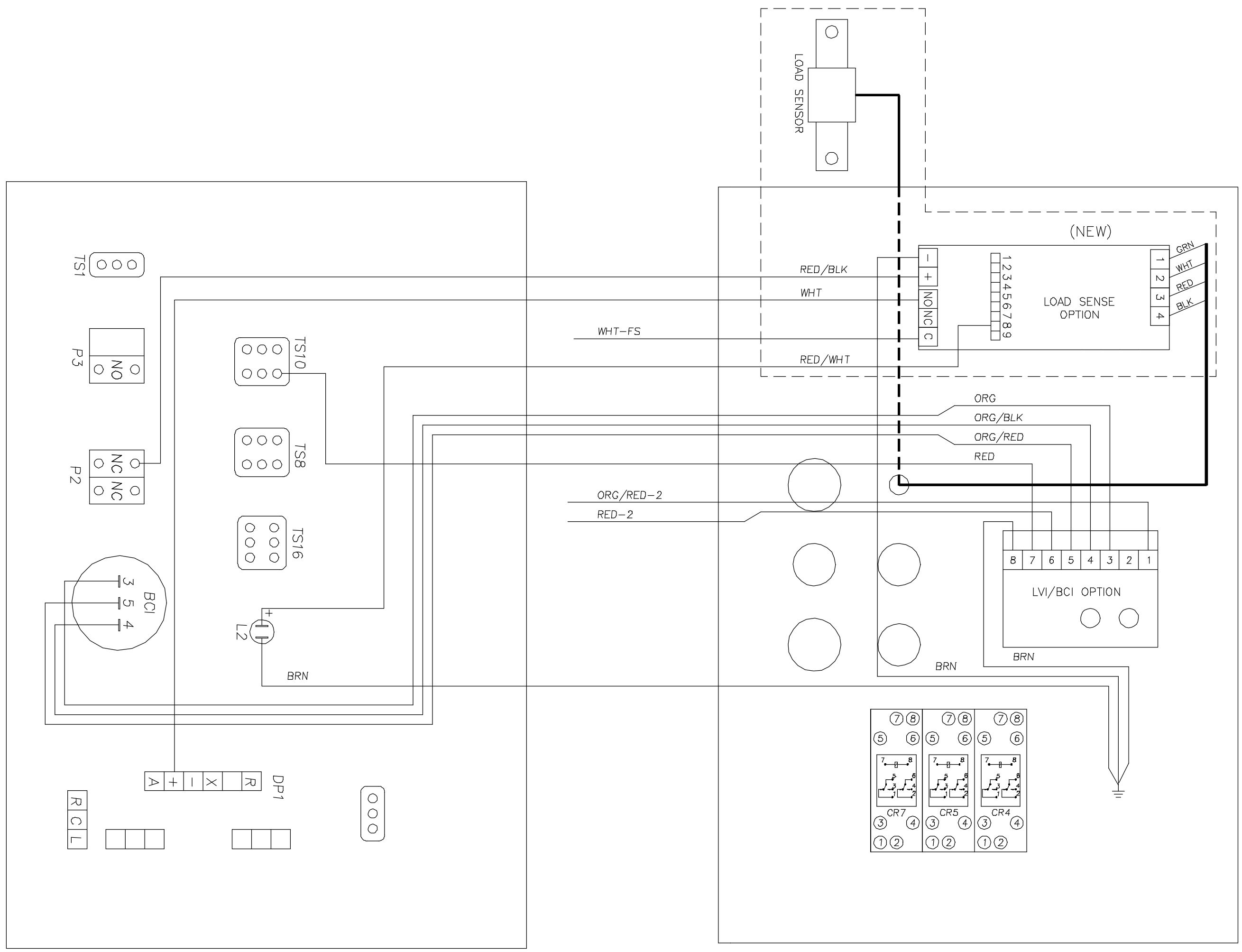
Z20/25
WIRING DIAGRAM

NOTE:
CONTROLLED DOCUMENT. ANY CHANGES MUST BE APPROVED BY FACTORY MUTUAL FOR EE CERTIFICATION.



DWG. #ES20-4K

Z20/25
WIRING DIAGRAM
LOAD SENSE & LVI/BCI OPTIONS



LABEL	DESCRIPTION
P2	EMERGENCY STOP BUTTON
P3	HORN BUTTON
TS1	AUXILIARY SWITCH
TS8	JIB ELEVATE SWITCH
TS10	BOOM ELEVATE SWITCH
TS16	JIB ROTATE SWITCH
L2	OVERLOAD LIGHT (OPTION)

NOTE:

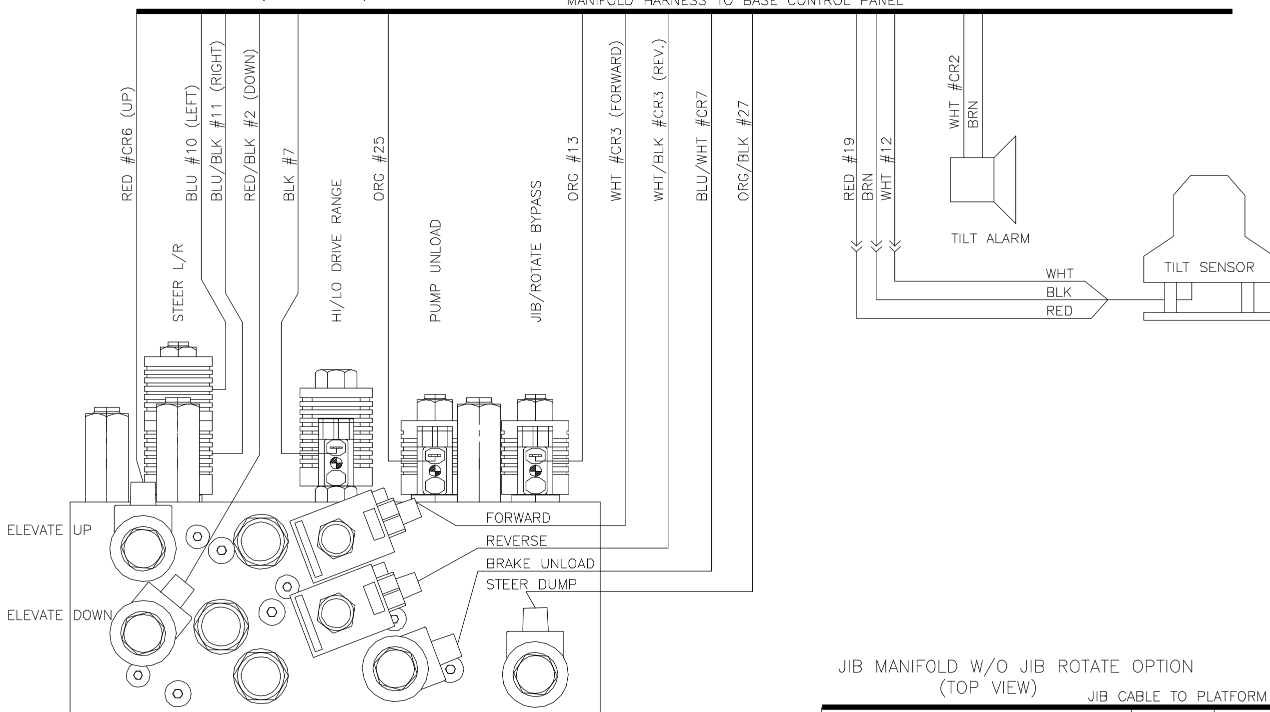
CONTROLLED DOCUMENT. ANY CHANGES MUST BE APROVED BY FACTORY MUTUAL FOR EE CERTIFICATION

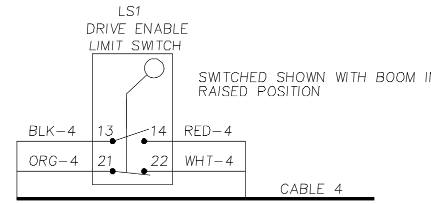
DWG. #ES20-5K

Z20-8 Z25-8 Index

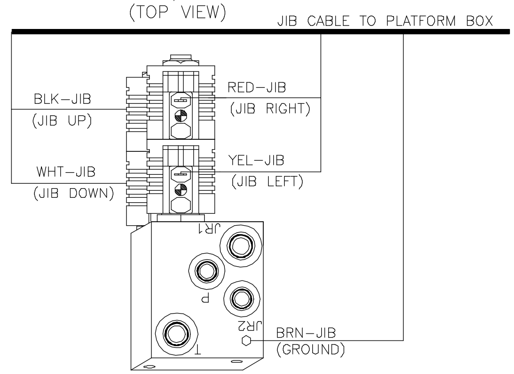
Z20/25
WIRING DIAGRAM
WITH MANIFOLDS & LIMIT SWITCHES

FUNCTION MANIFOLD
(BACK VIEW)





JIB MANIFOLD W/O JIB ROTATE OPTION
(TOP VIEW)

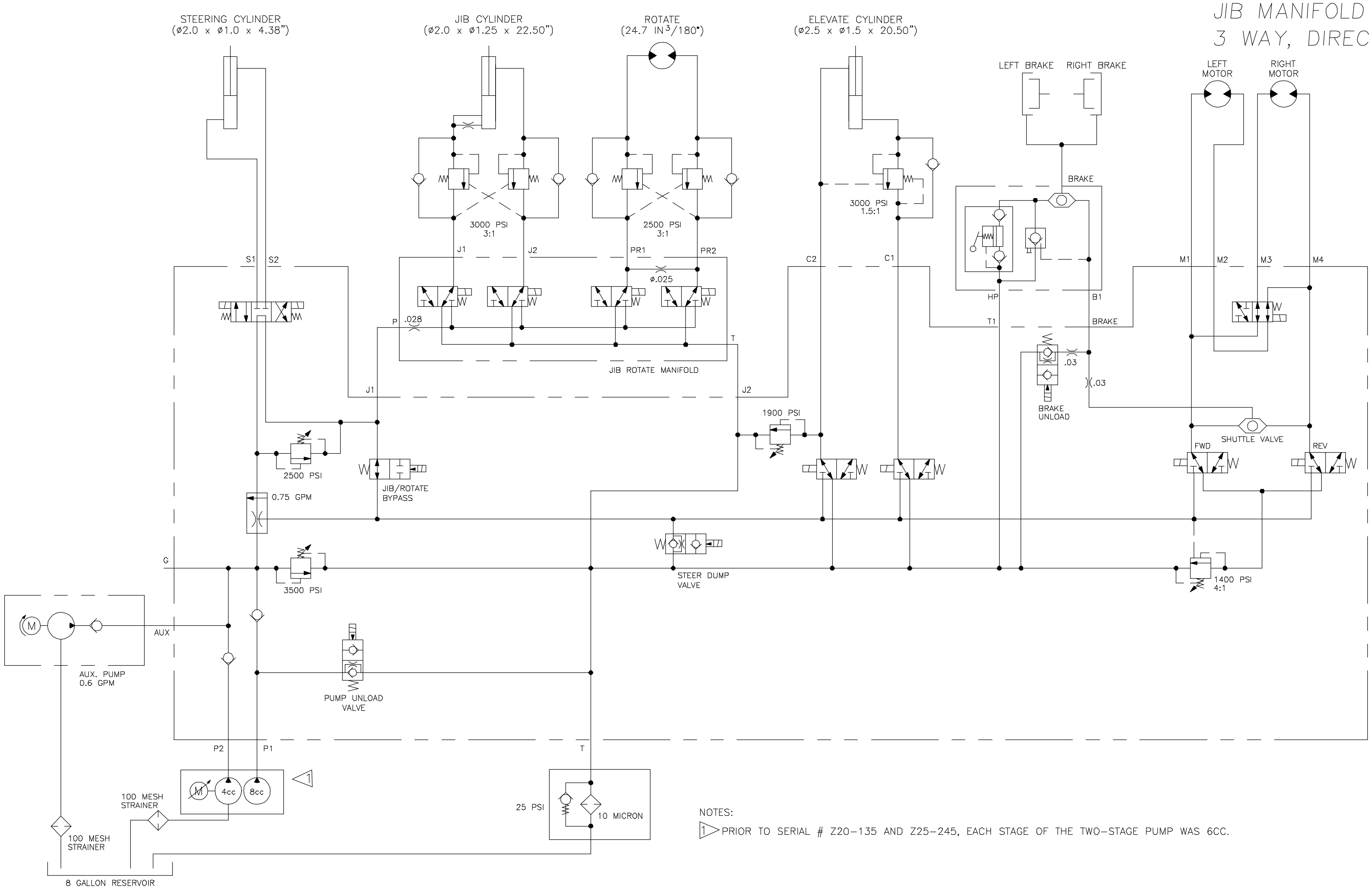


DWG. #ES20-6K

Z20-8 Z25-8 Index

Z20/25

HYDRAULIC SCHEMATIC
JIB MANIFOLD WITH 2 POS.,
3 WAY, DIRECTIONAL VALVE



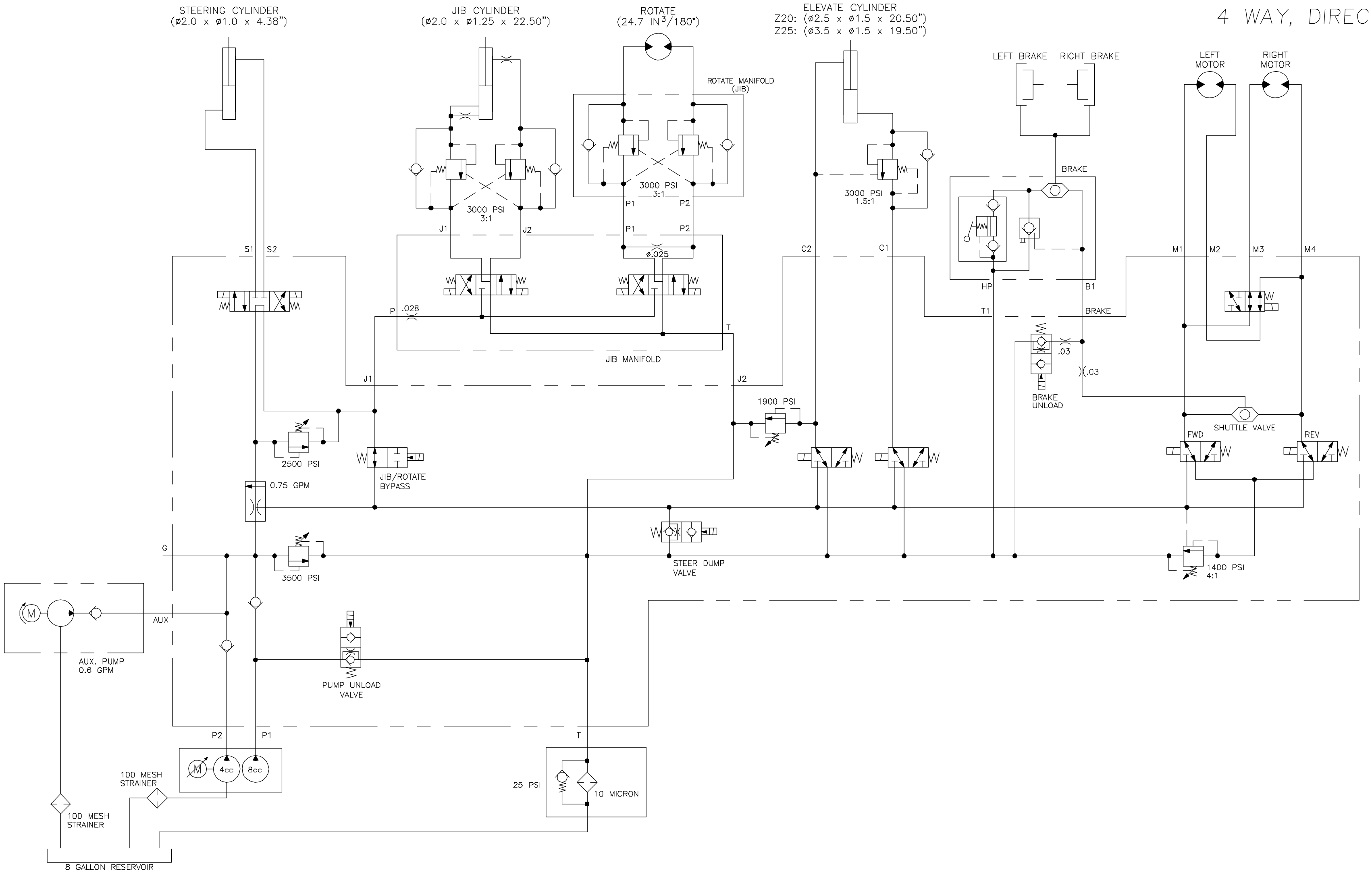
NOTES:

1 PRIOR TO SERIAL # Z20-135 AND Z25-245, EACH STAGE OF THE TWO-STAGE PUMP WAS 6CC.

DWG. #HS0005F

Z20-8 Z25-8 Index

Z20/25
HTDRAULIC SCHEMATIC
JIB MANIFOLD WITH 3 POS.,
4 WAY, DIRECTIONAL VALVE



DWG. HS0005G