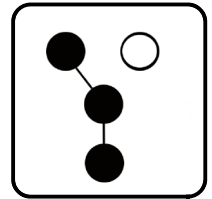


Wiring Diagrams

Automatic Transfer Switches



Models:

KCS/KCP/KCC
KBS/KBP/KBC

Controls:

MPAC™ 1200

MPAC™ 1500

KOHLER®
Power Systems

9001
KOHLER
POWER SYSTEMS
NATIONALLY REGISTERED

TP-6917 2/17c

This manual provides wiring diagrams for the automatic transfer switch models listed on the front cover. Use the chart on the next page to identify the diagrams for your model. Diagrams are arranged in alphanumeric order on the pages following the chart.

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Service Assistance

For professional advice on generator set power requirements and conscientious service, please contact your nearest Kohler distributor or dealer.

- Consult the Yellow Pages under the heading Generators—Electric.
- Visit the Kohler Power Systems website at KOHLERPower.com.
- Look at the labels and decals on your Kohler product or review the appropriate literature or documents included with the product.
- Call toll free in the US and Canada 1-800-544-2444.
- Outside the US and Canada, call the nearest regional office.

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Schematics and Wiring Diagrams

For **230-400 AMP KCS models equipped with the Decision-Maker® MPAC 1200 controller**, refer to the table below to identify the drawings for your unit. For all other KCS models, refer to the next table.

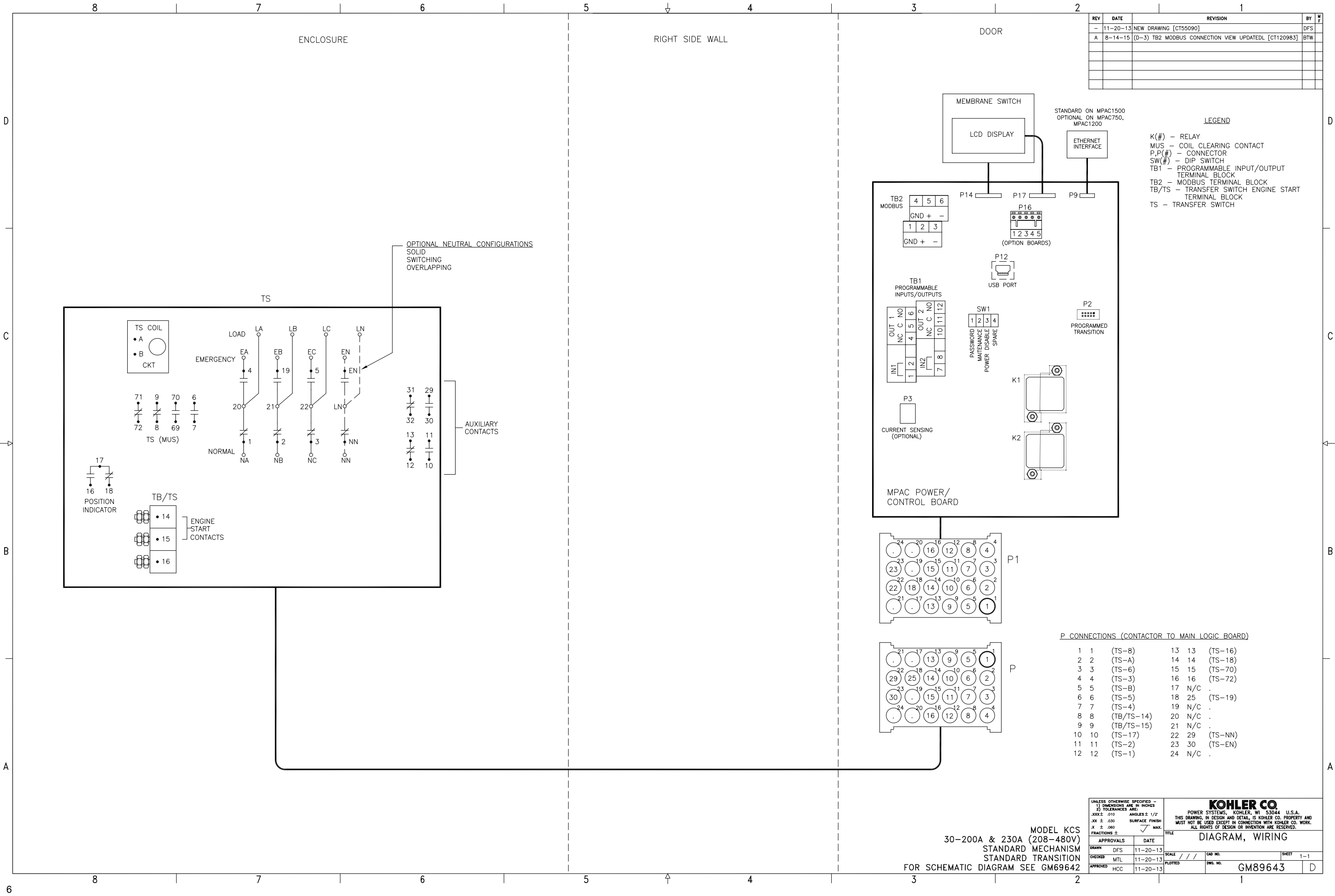
Model	Transition	Amps	Volts	Notes	Schematic	Page	Wiring Diagram	Page
Wall-mount models with 1223 mm (48 in.) enclosures:								
KCS	Standard	230	208-400	—	GM89642	5	GM89643	6
	Standard	230	600	Solid or Overlapping Neutral; Non-Seismic	GM93714	60	GM93715	61
	Standard	230	600	Solid or Overlapping Neutral; Seismic	GM89645	7	GM89646	8
	Standard	230	600	Switched Neutral	GM89645	7	GM89646	8
	Standard	260-400	208-600	Solid or Overlapping Neutral; Non-Seismic	GM93714	60	GM93715	61
	Standard	260-400	208-600	Solid or Overlapping Neutral; Seismic	GM89645	7	GM89646	8
	Standard	260-400	208-600	Switched Neutral	GM89645	7	GM89646	8
Floor-mount models with 1702 mm (67 in.) enclosures:								
KCS	Standard	230	208-400	—	GM89642	5	GM89643	6
	Standard	230	600	—	GM89645	7	GM89646	8
	Standard	260-600	208-600	—	GM89645	7	GM89646	8

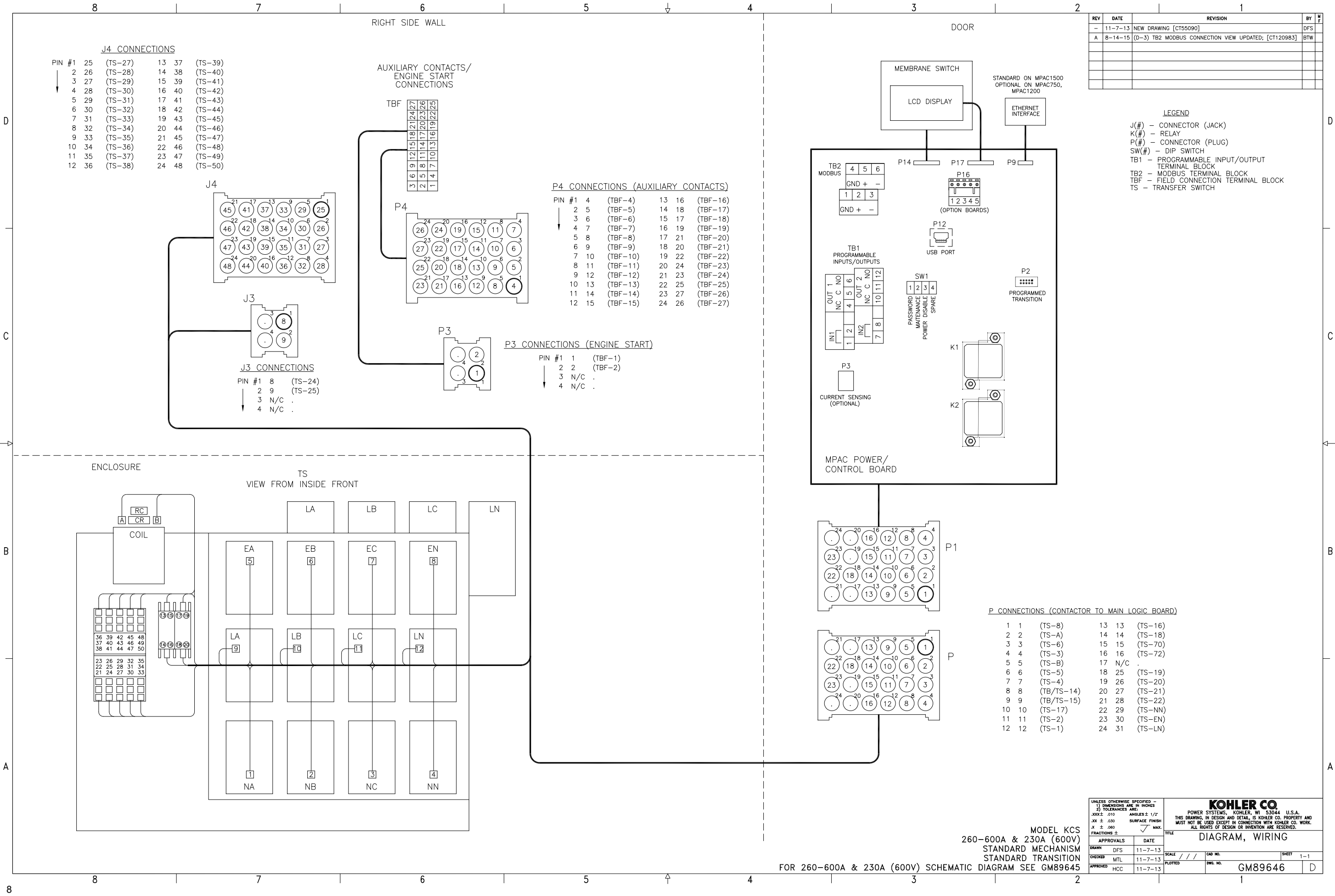
The drawings listed in the table below apply to all KCS/KCP/KCC models equipped with the Decision-Maker® MPAC 1200 or Decision-Maker® MPAC 1500 controller that are not listed in the previous table.

Model	Transition	Amps	Volts	Schematic	Page	Wiring Diagram	Page
KCS	Standard	30-200	208-600	GM89642	5	GM89643	6
	Standard	230	208-480	GM89642	5	GM89643	6
	Standard	230	600	GM89645	7	GM89646	8
	Standard	260-600	208-600	GM89645	7	GM89646	8
	Standard	800-1200	208-600	GM89647	9	GM89648	10
	Standard	1600-4000	208-600	GM89649	11	GM89650	12
KCP	Programmed	150-600	208-600	GM89656	15	GM89657	16
	Programmed	800-1200	208-600	GM89654	13	GM89655	14
	Programmed	1600-4000	208-600	GM89658	17	GM89659	18
KCC	Closed	150-600	208-600	GM89661	19	GM89662	20
	Closed	800-1200	208-600	GM89663	21	GM89664	22
	Closed	1600-4000	208-600	GM89665	23	GM89666	24

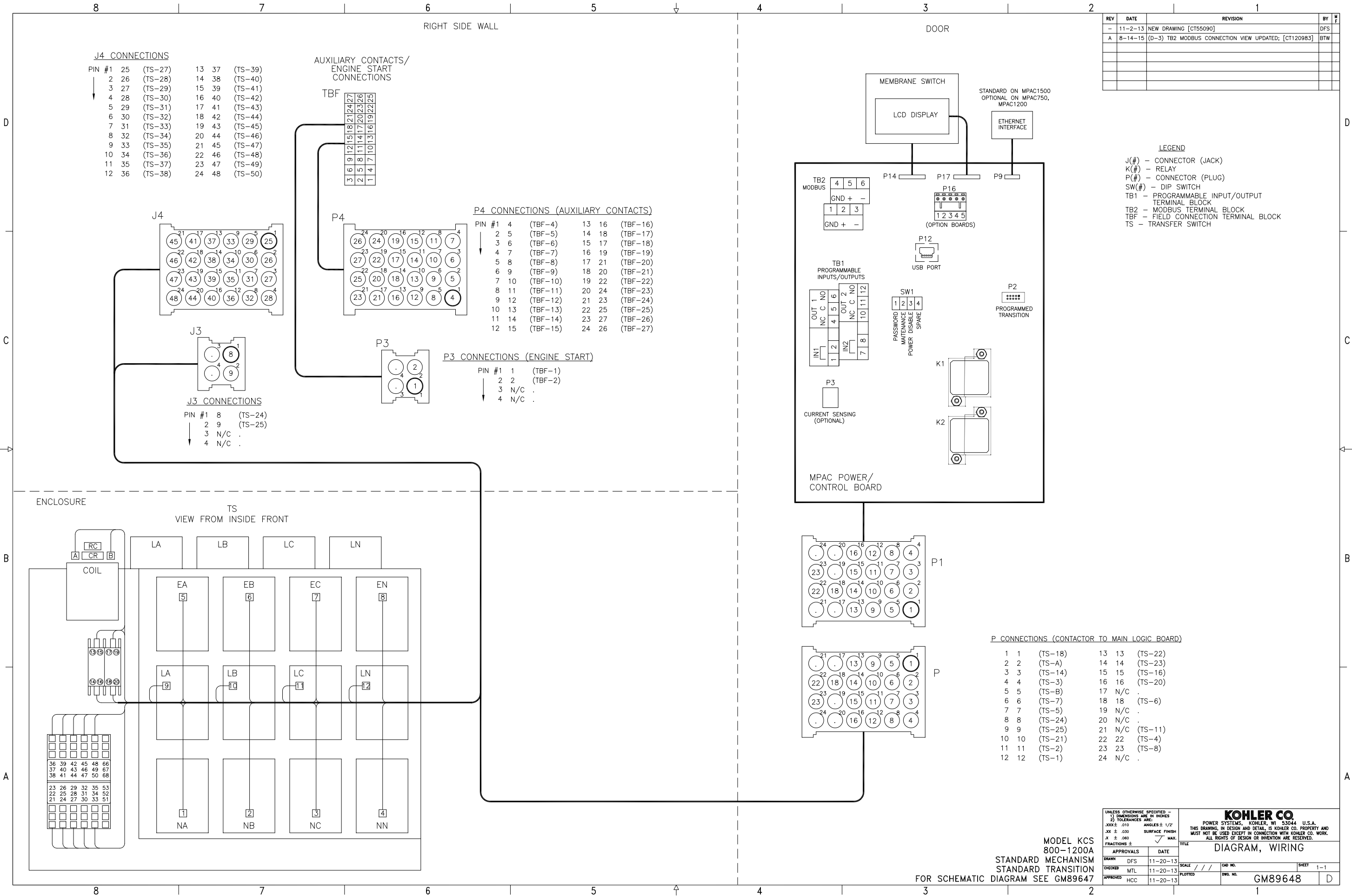
The drawings listed in the table below apply to bypass/isolation models KBS/KBP/KBC.

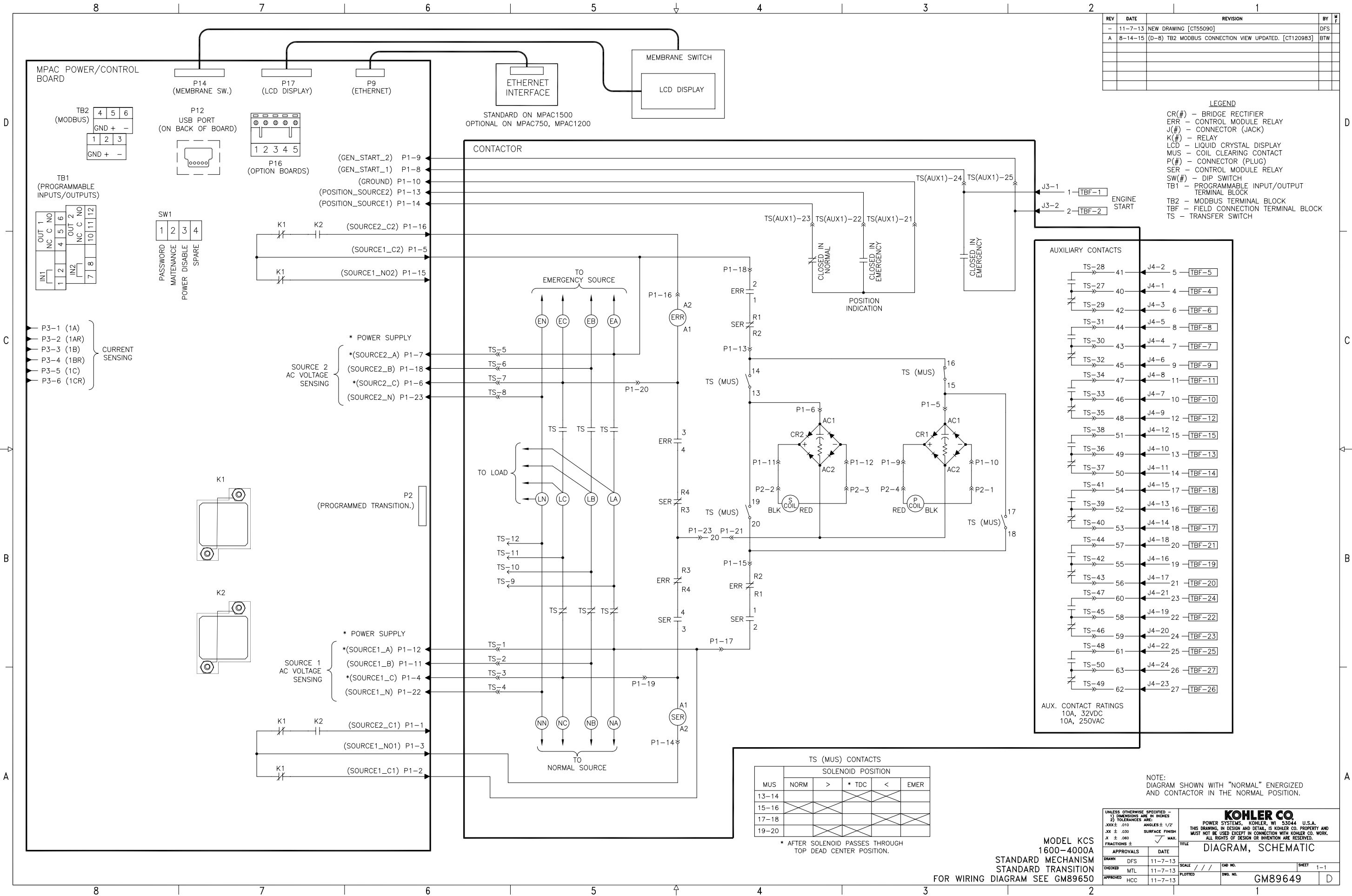
Model	Transition	Amps	Volts	Schematic	Page	Wiring Diagram	Page
KBS	Standard	150-600	208-600	GM89669	25-26	GM89670	27-28
	Standard	800-1200	208-600	GM89671	29-30	GM89672	31-32
	Standard	1600-4000	208-600	GM89674	34-35	GM89673	33
KBP	Programmed	150-600	20				

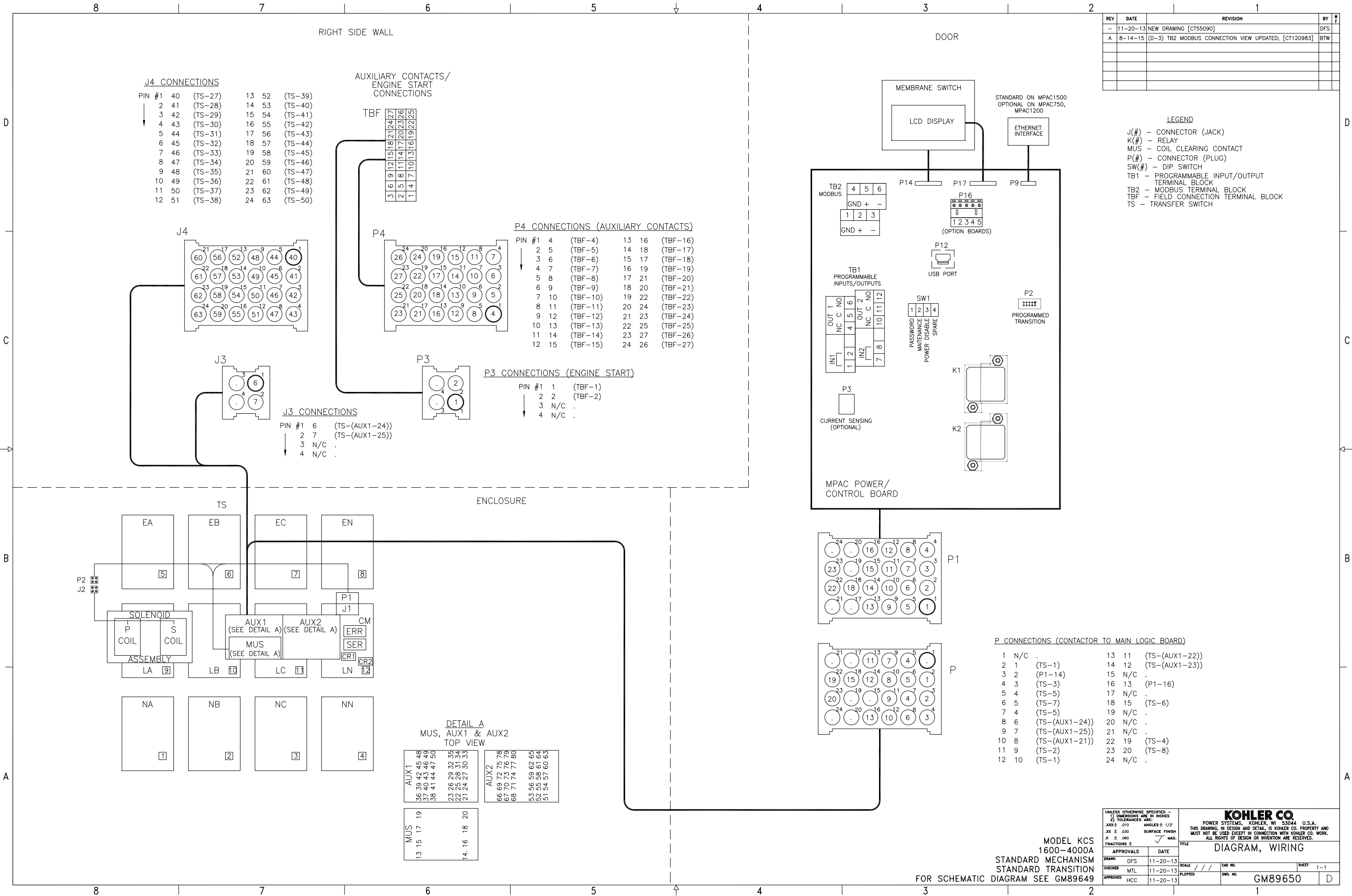


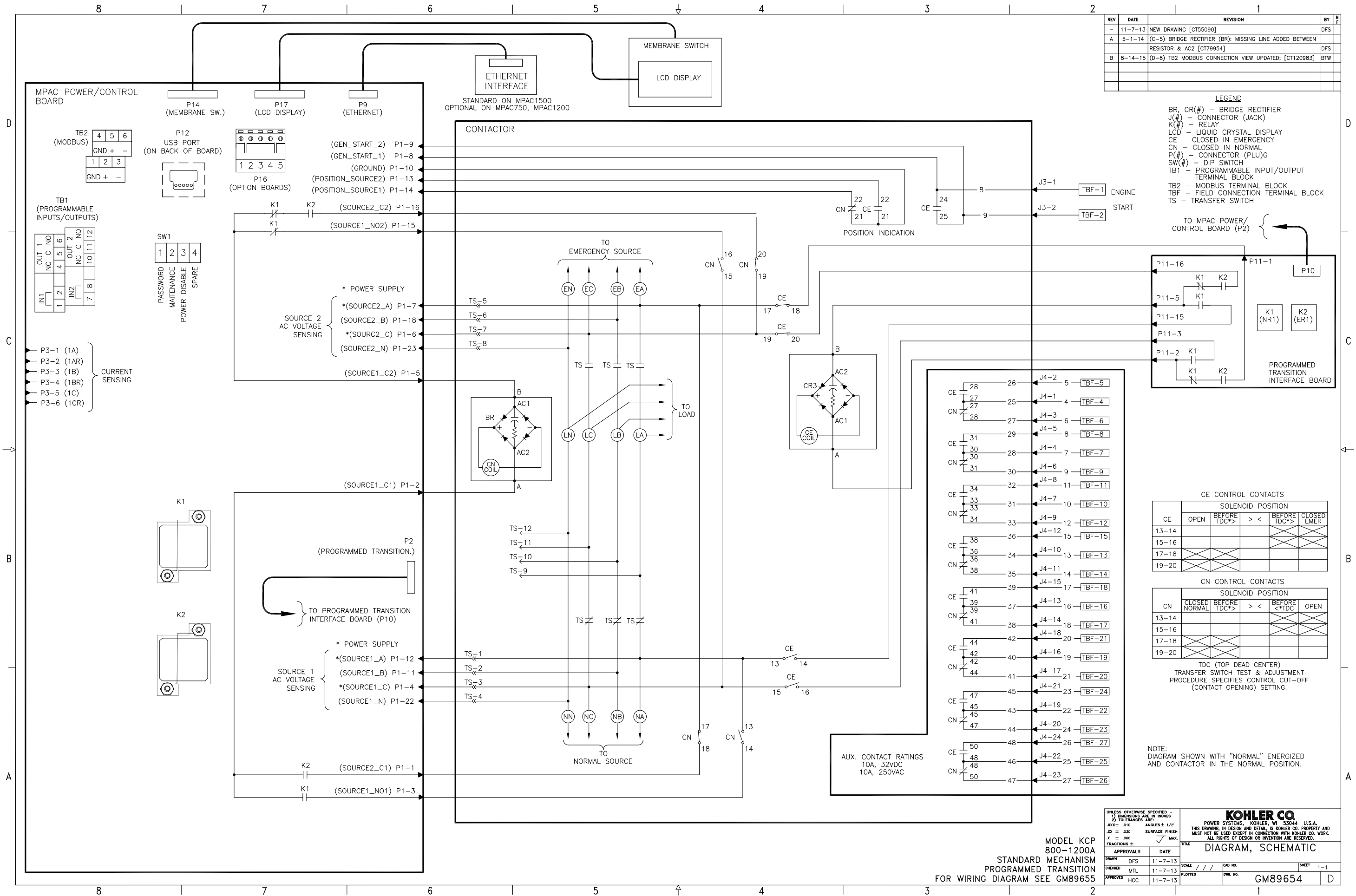


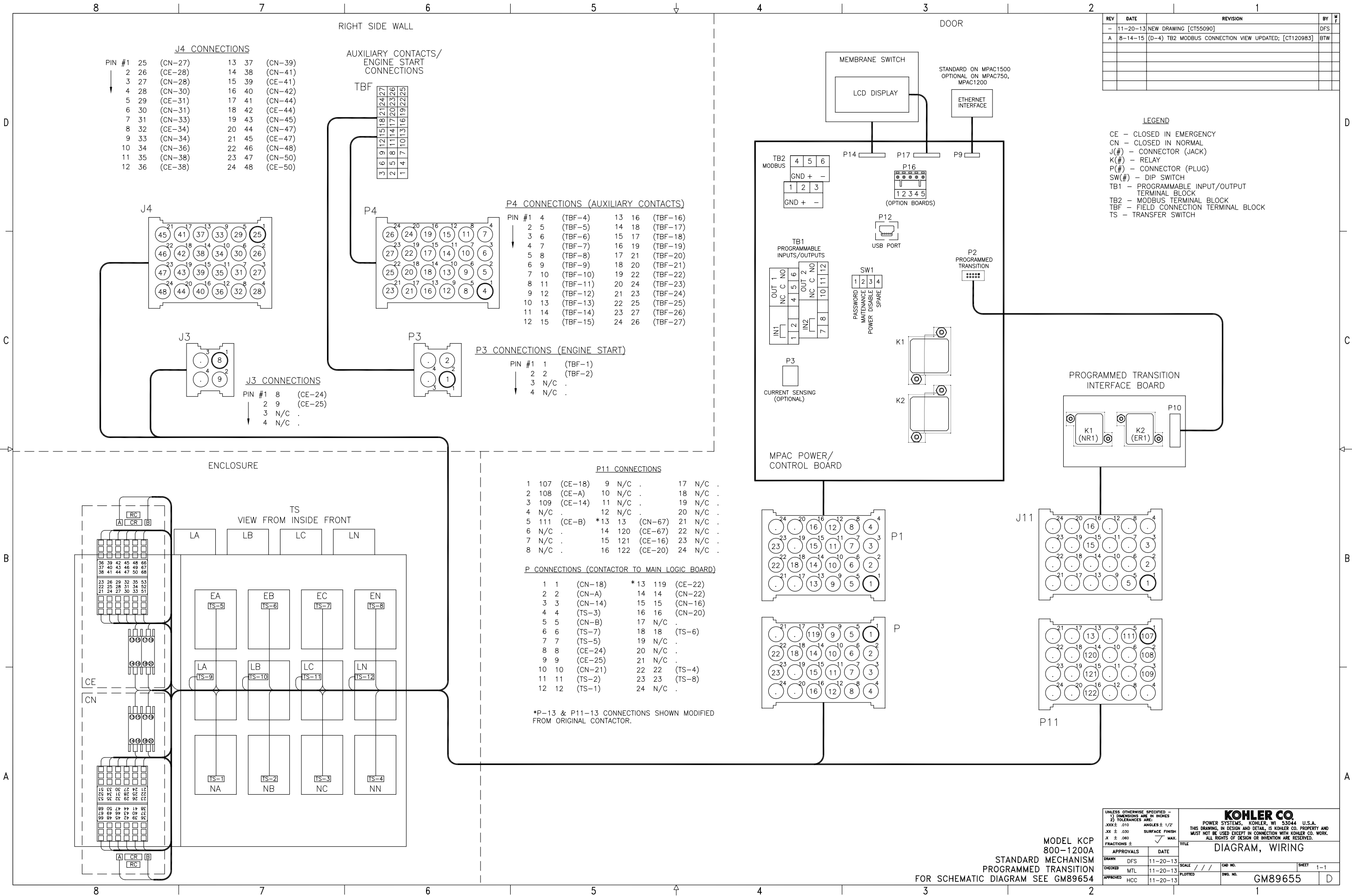
REV	DATE	REVISION	BY	W	F
-	11-7-13	NEW DRAWING [CT55090]	DFS		
A	8-14-15	(D-8) TB2 MODBUS CONNECTION VIEW UPDATED; [CT120983]	BTW		
				</	

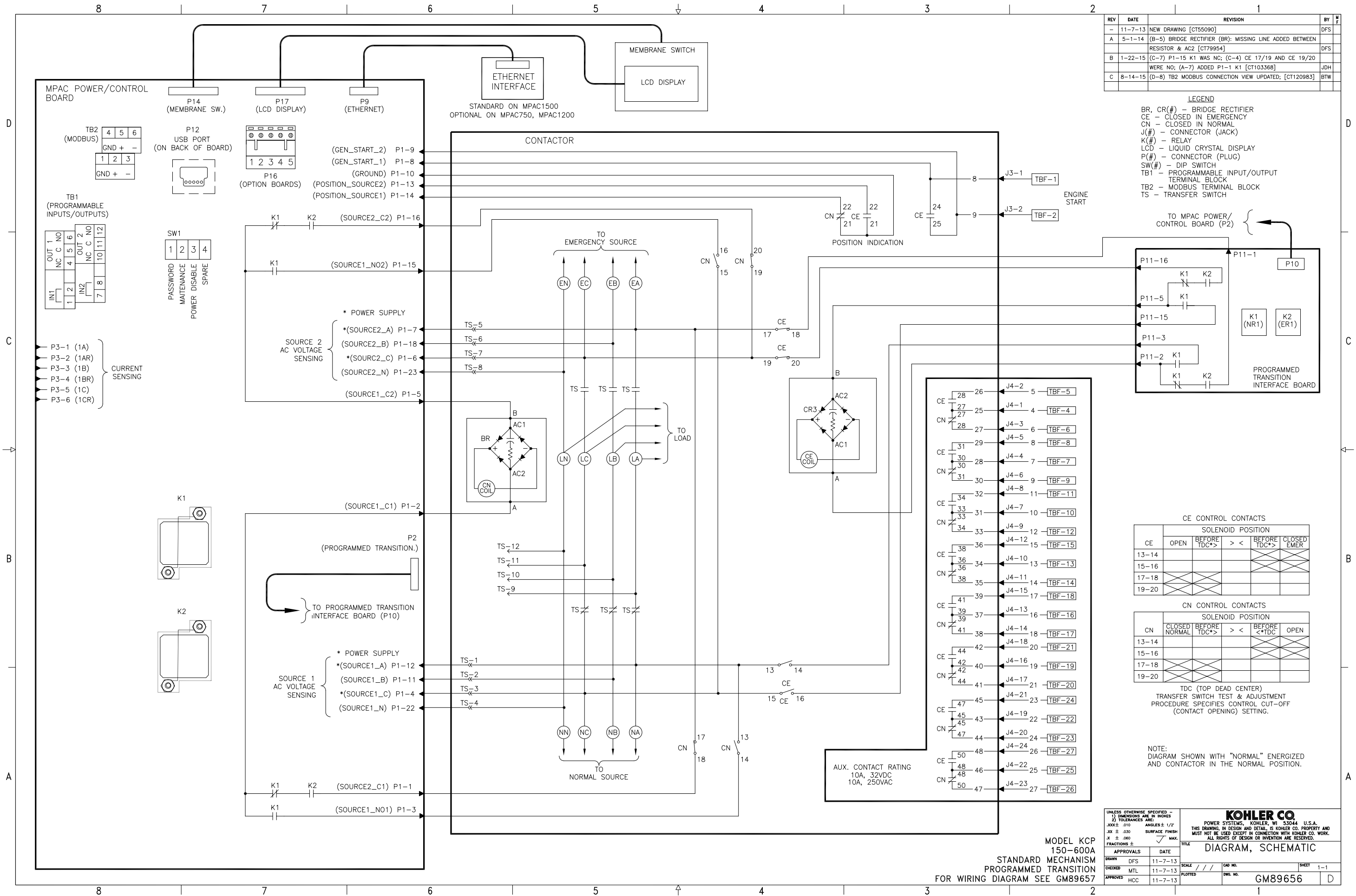


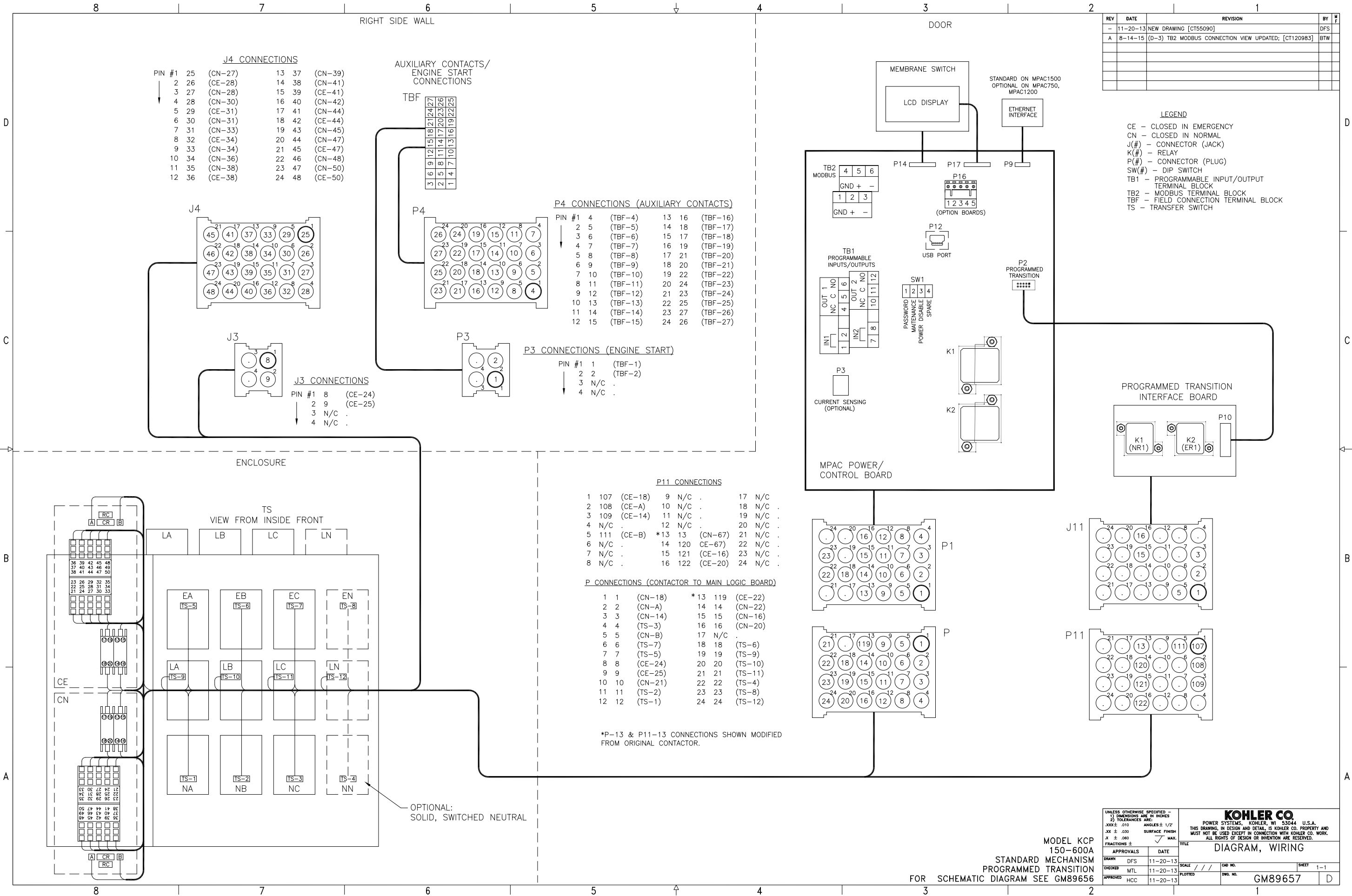


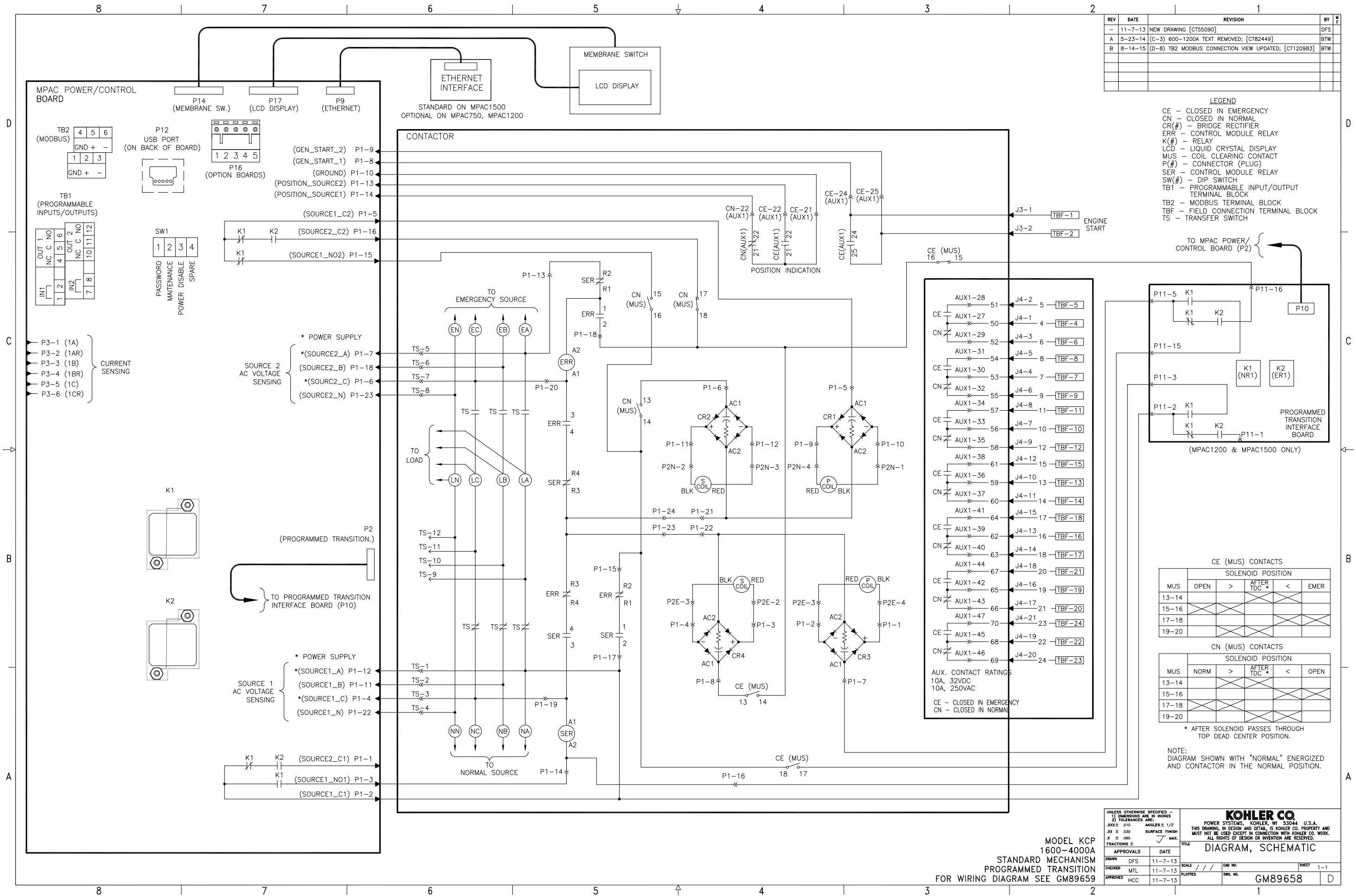


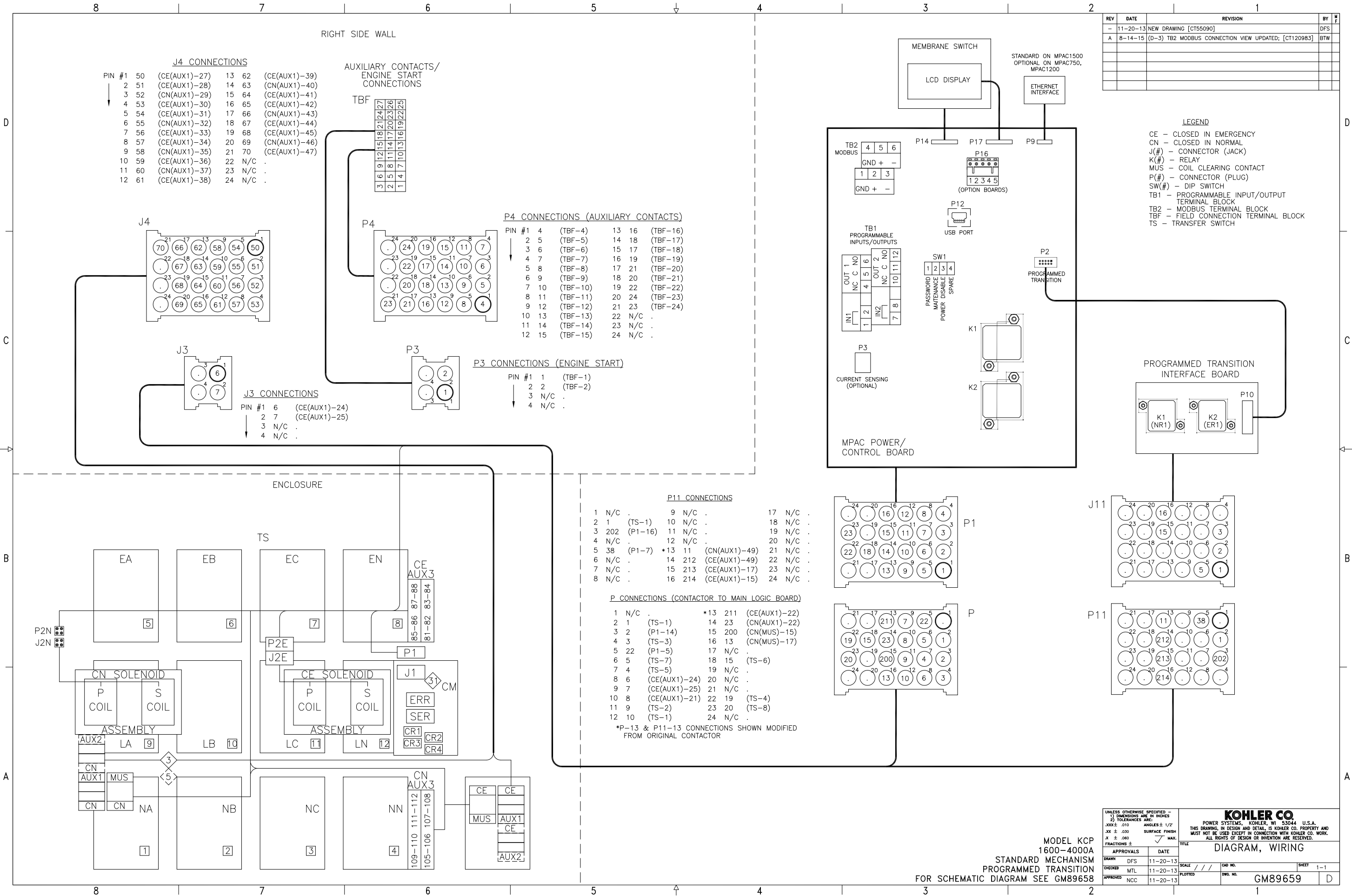


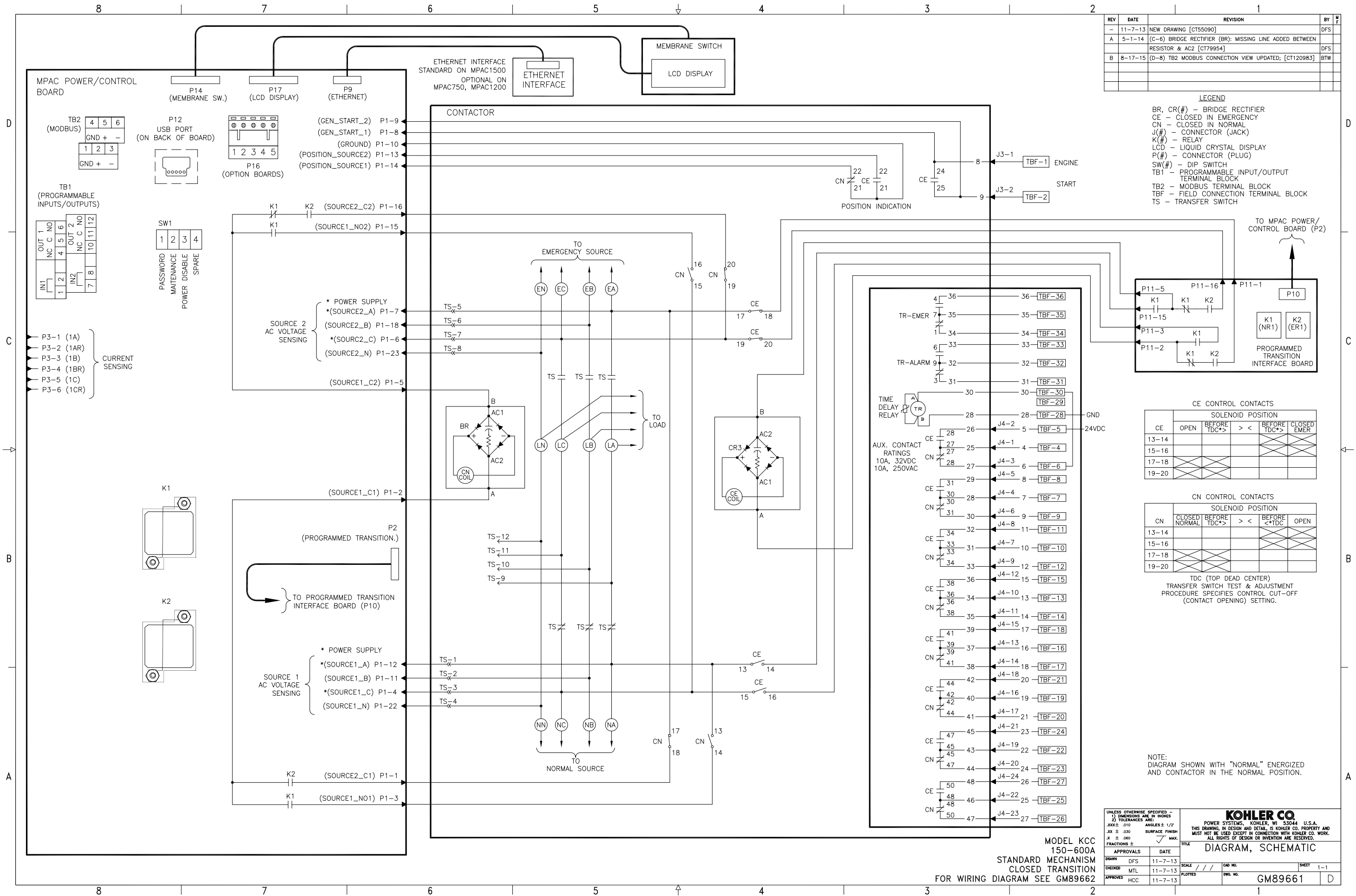


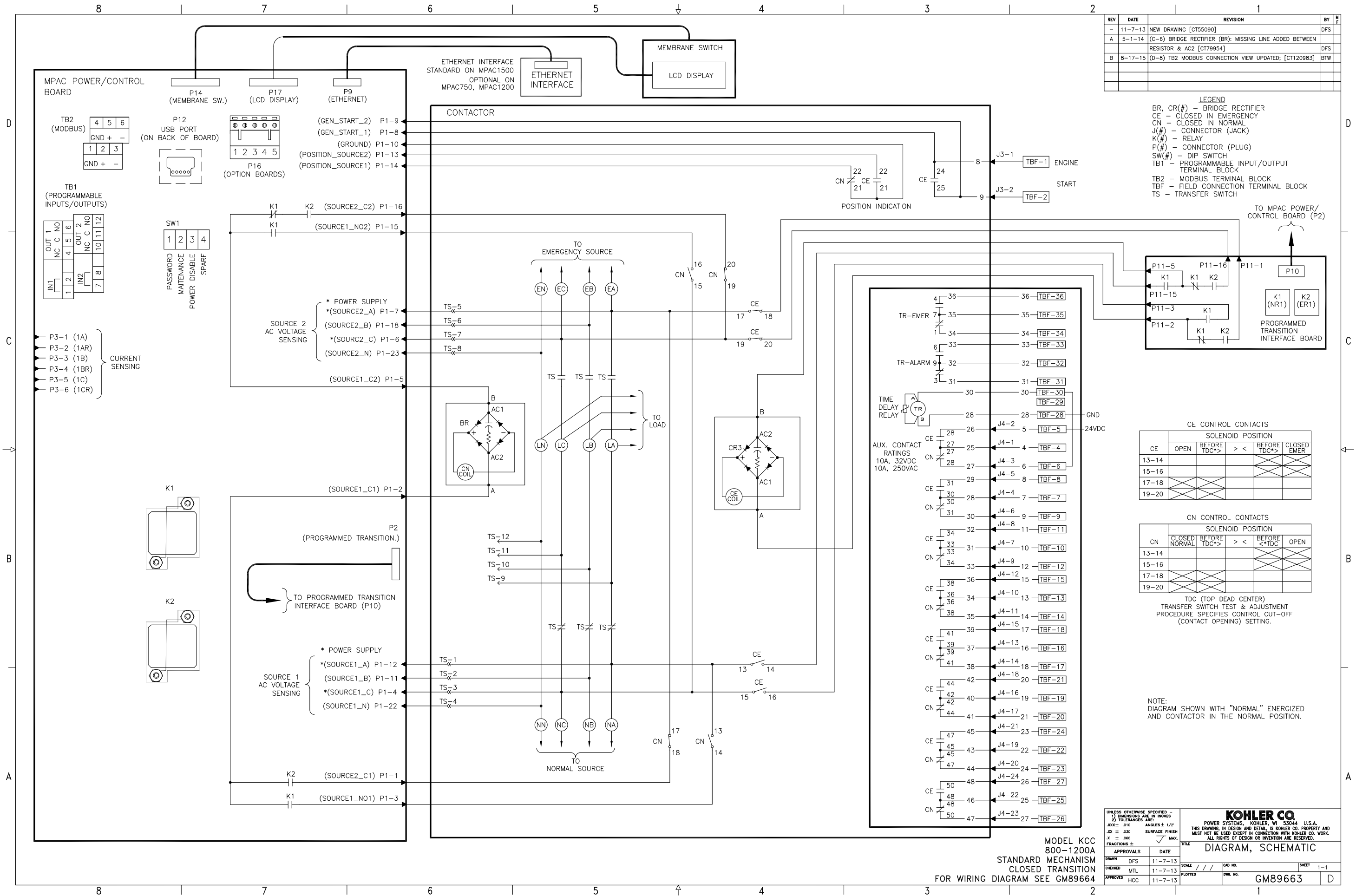


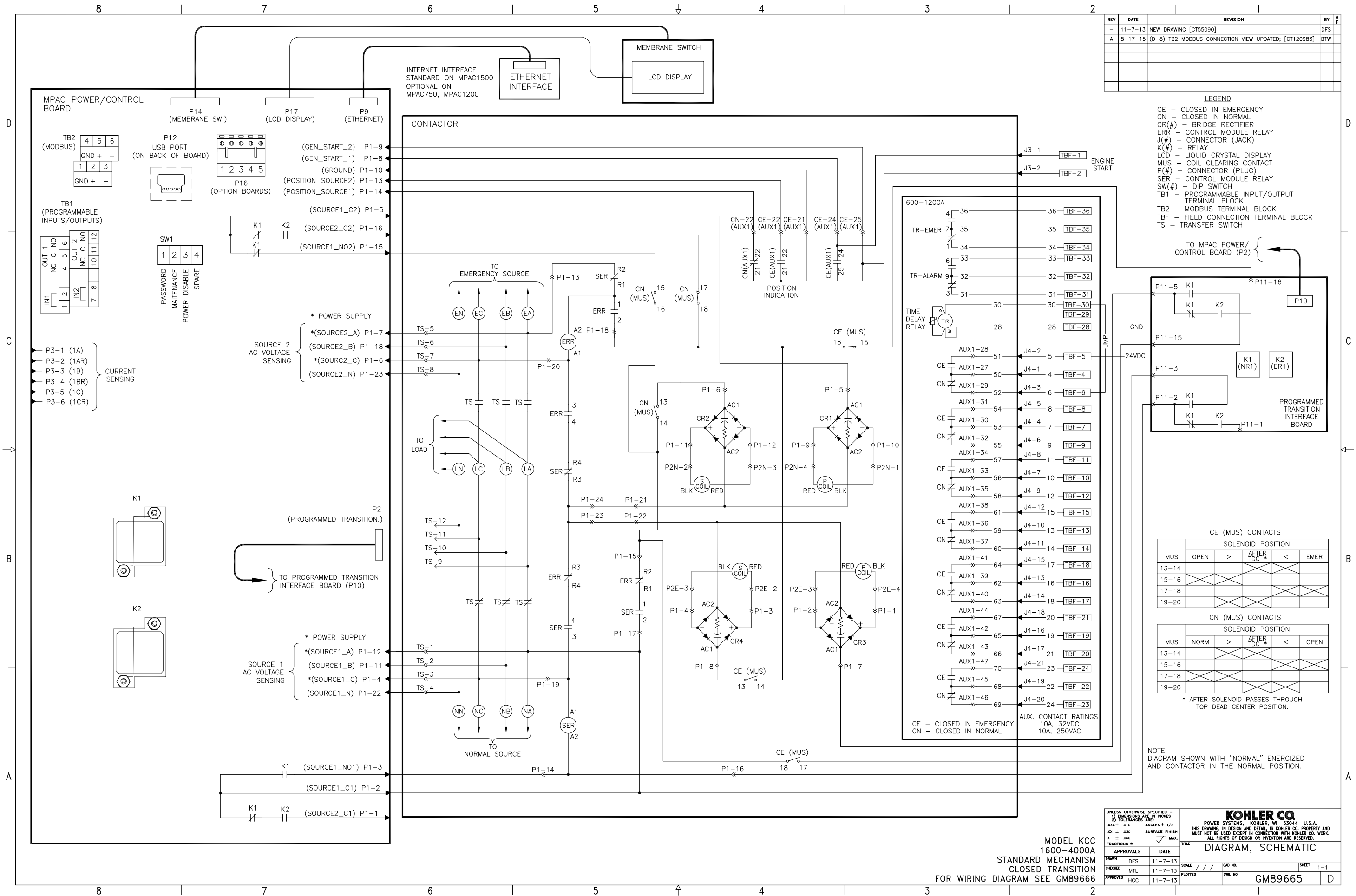


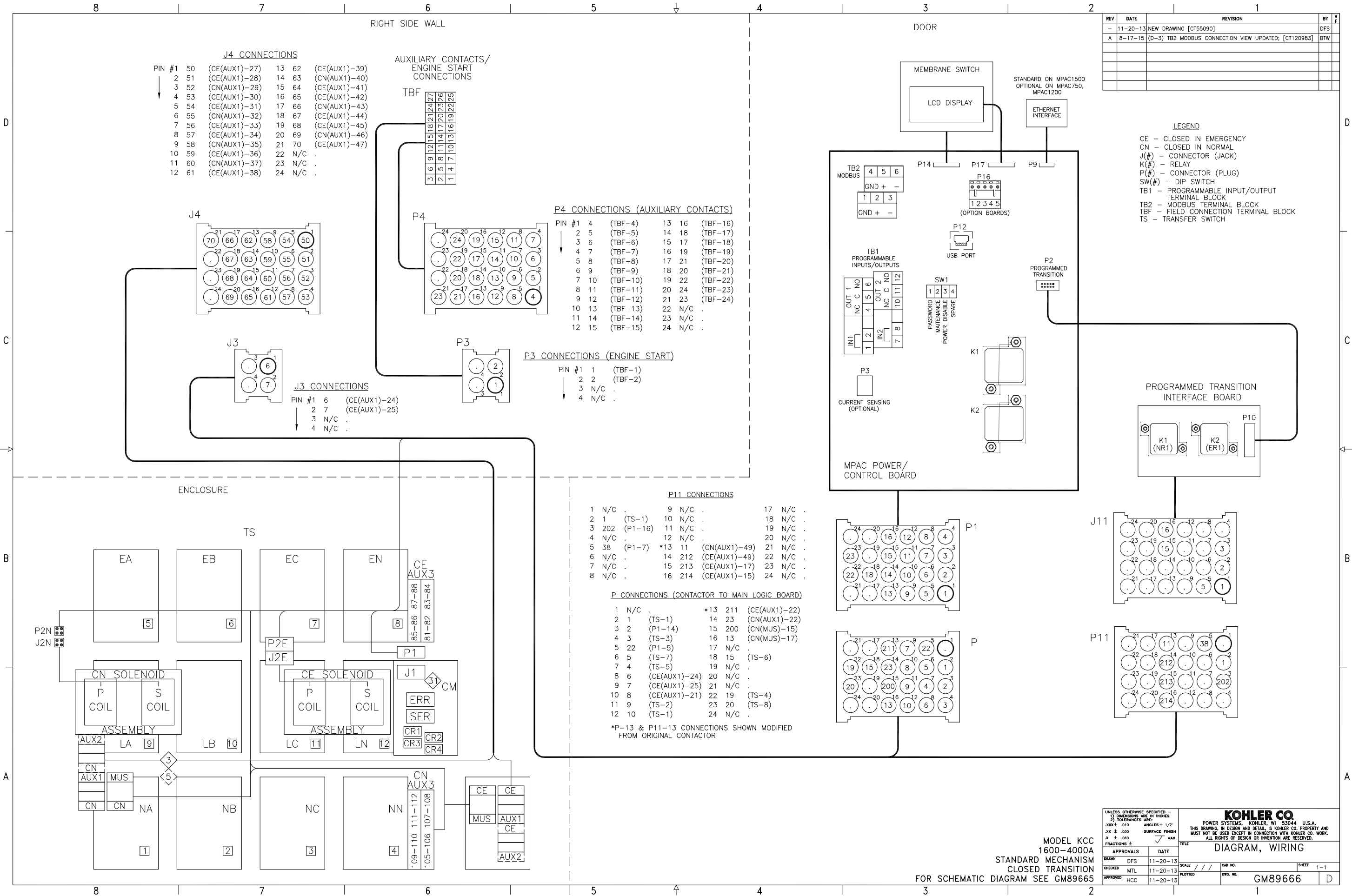


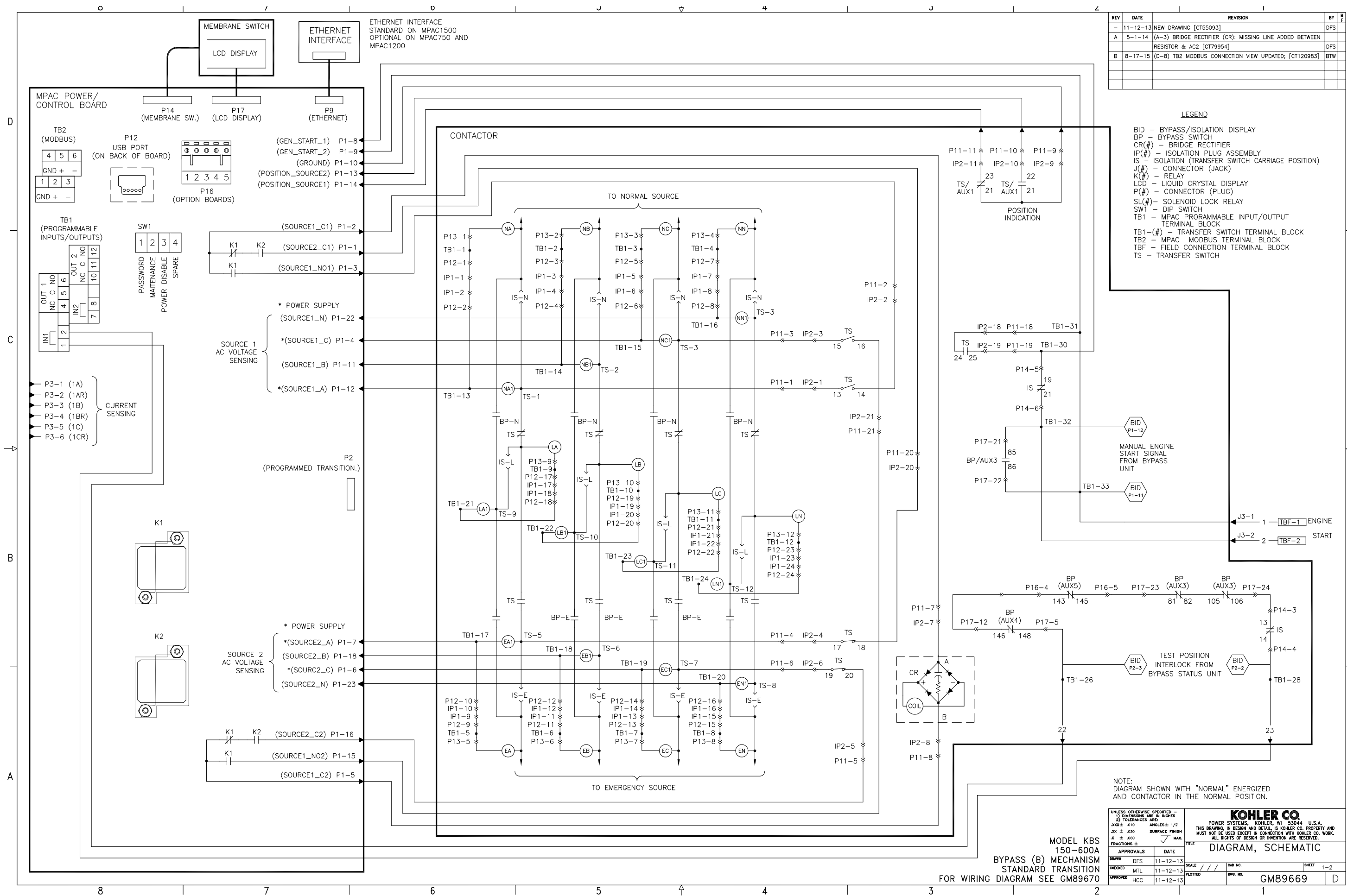


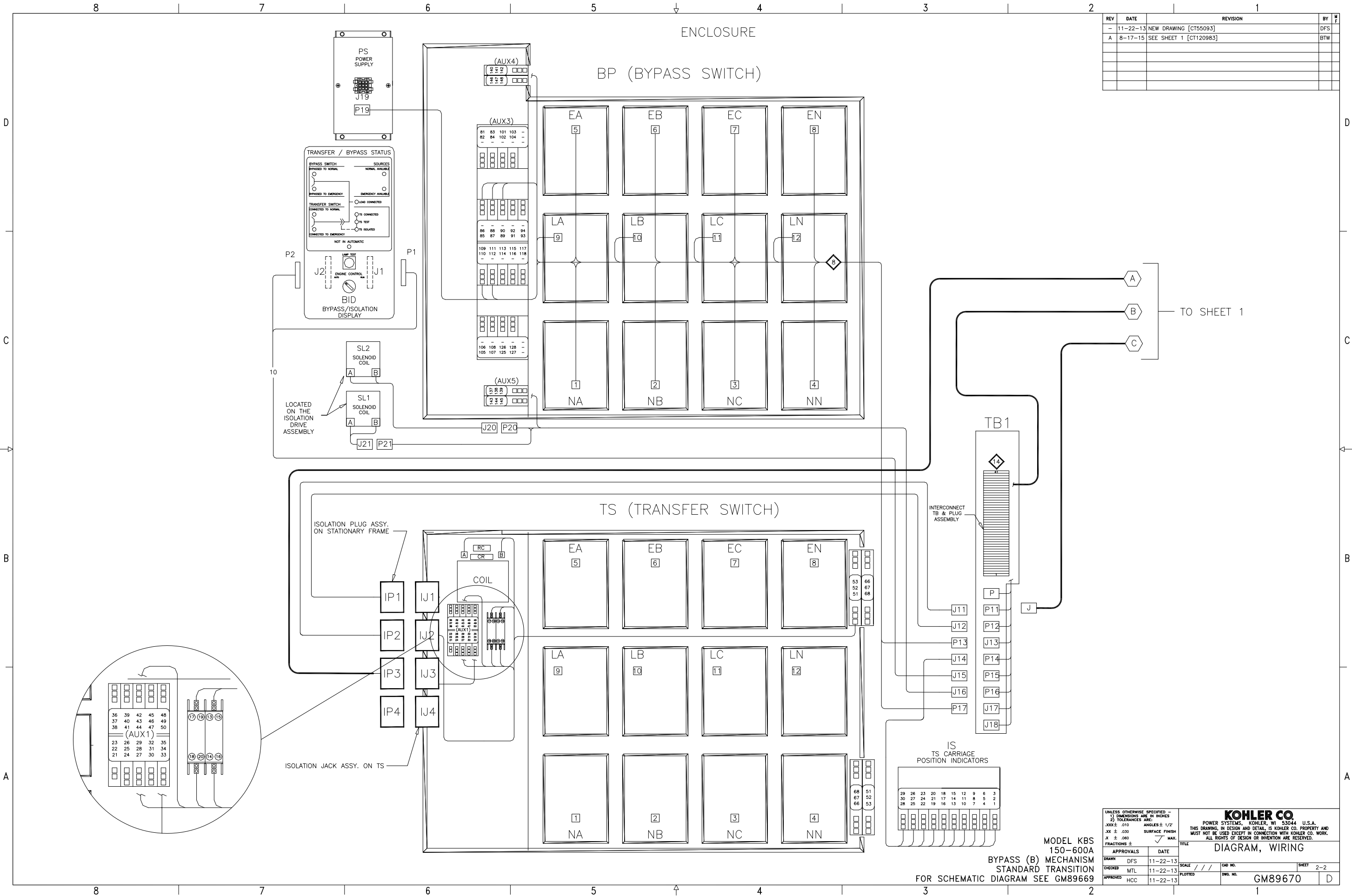


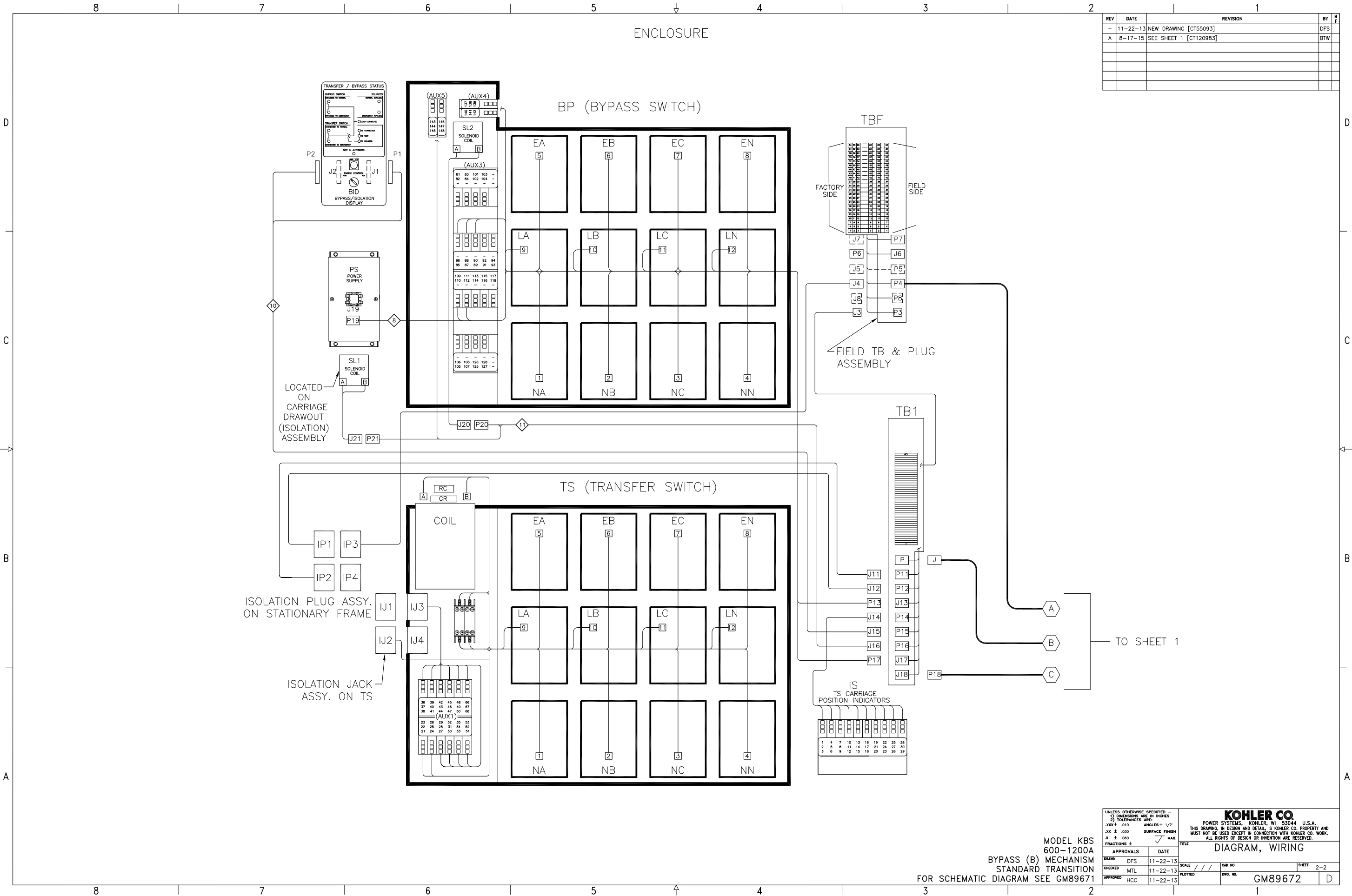


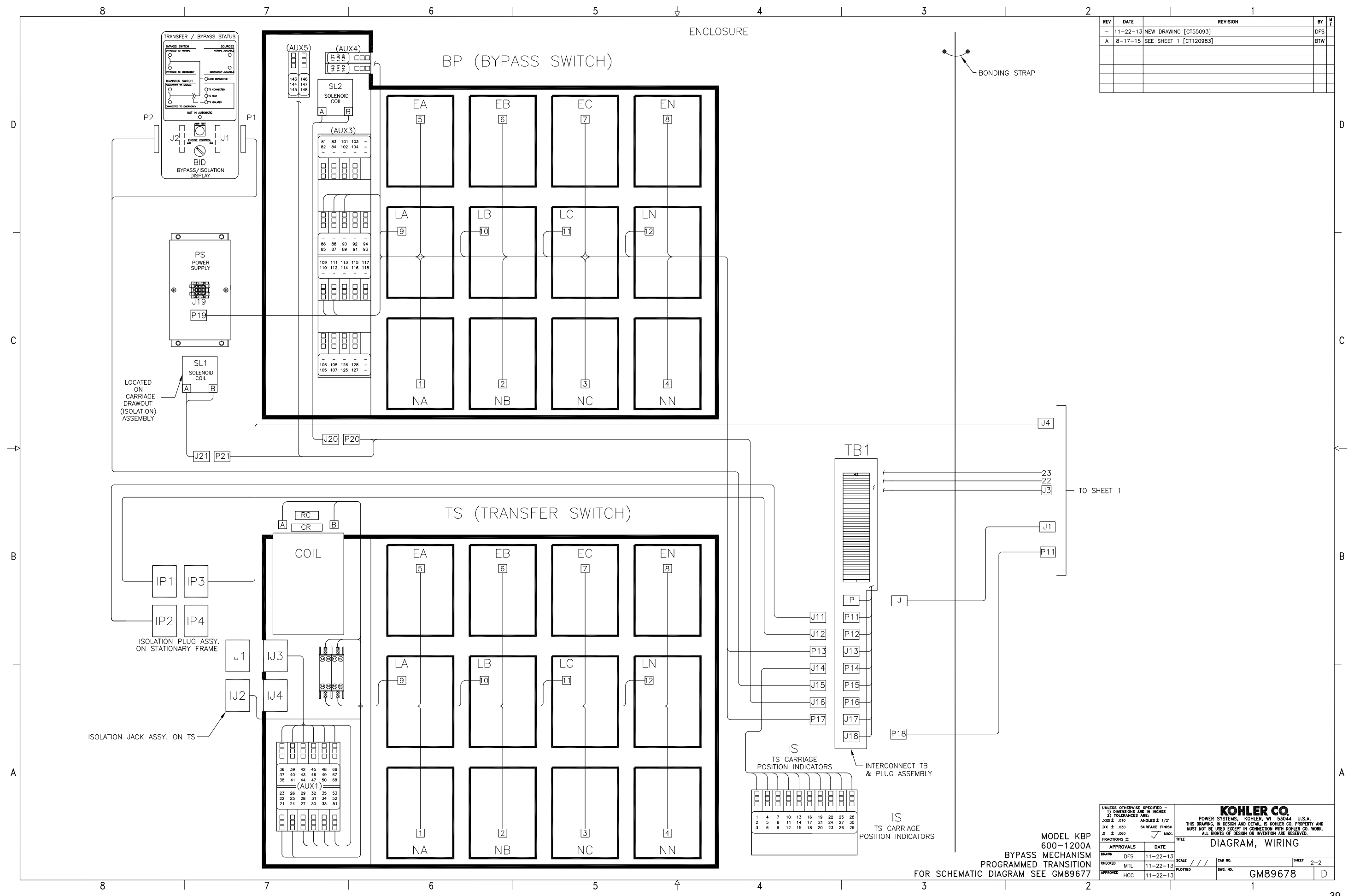


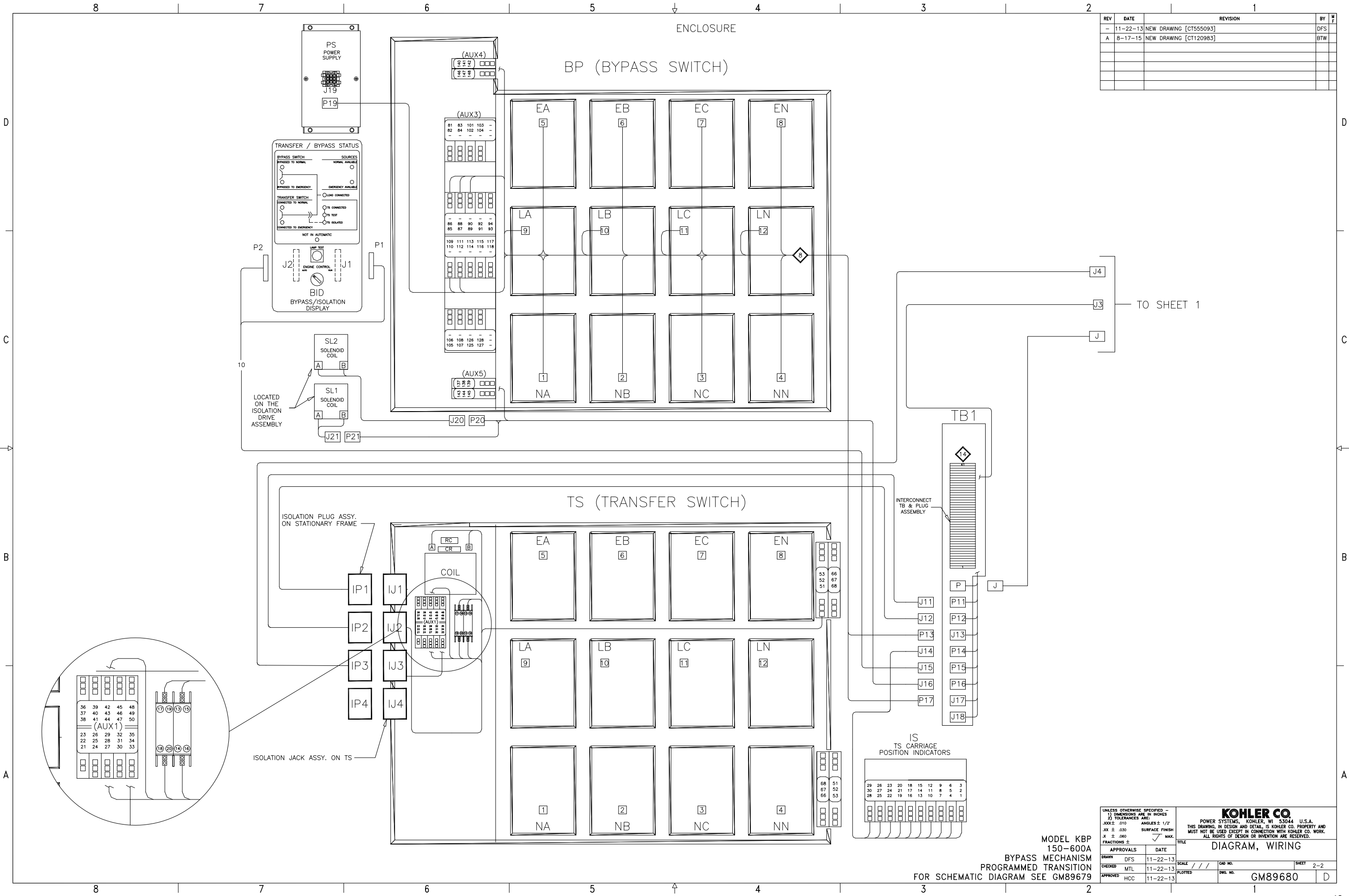


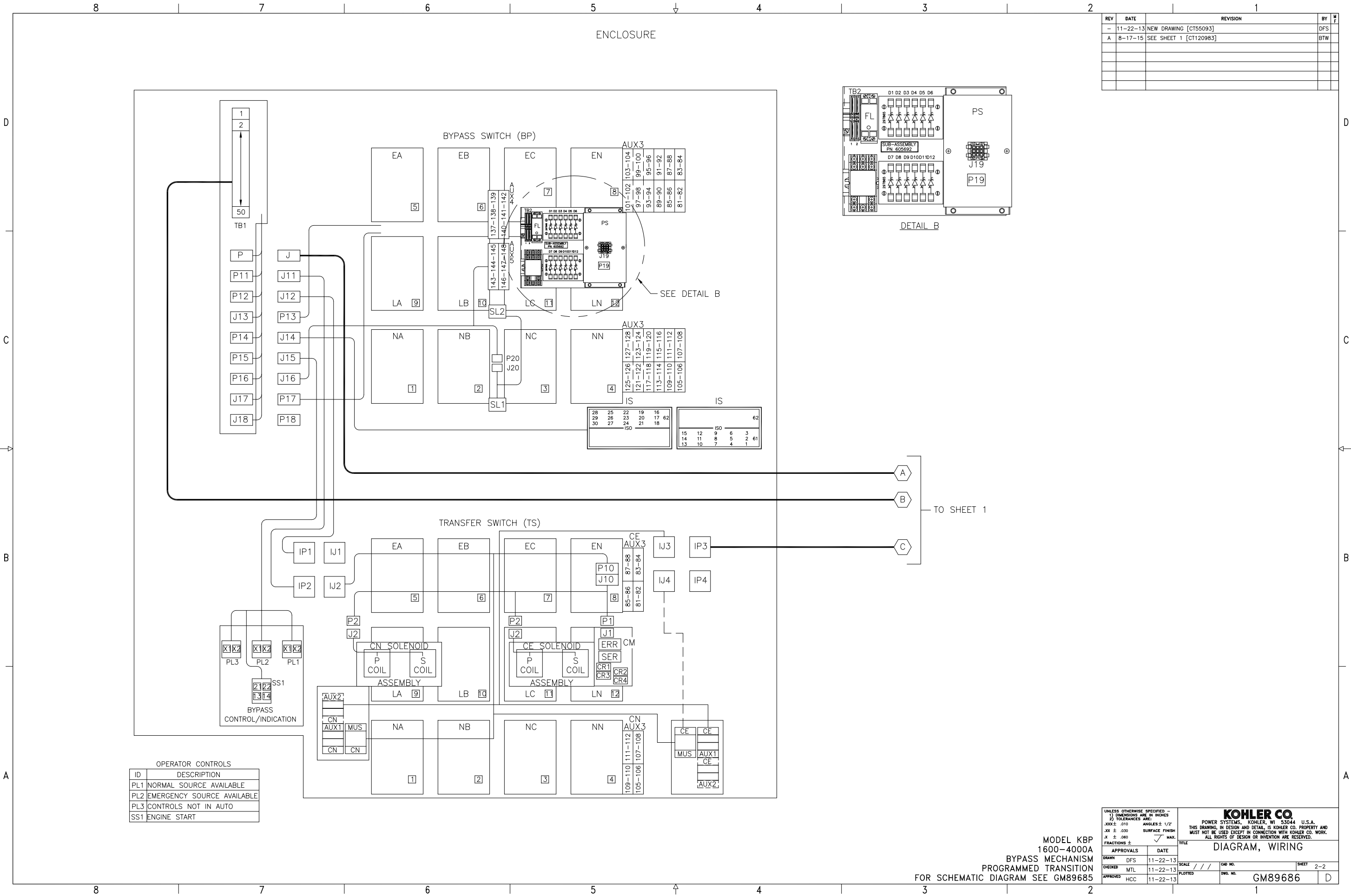


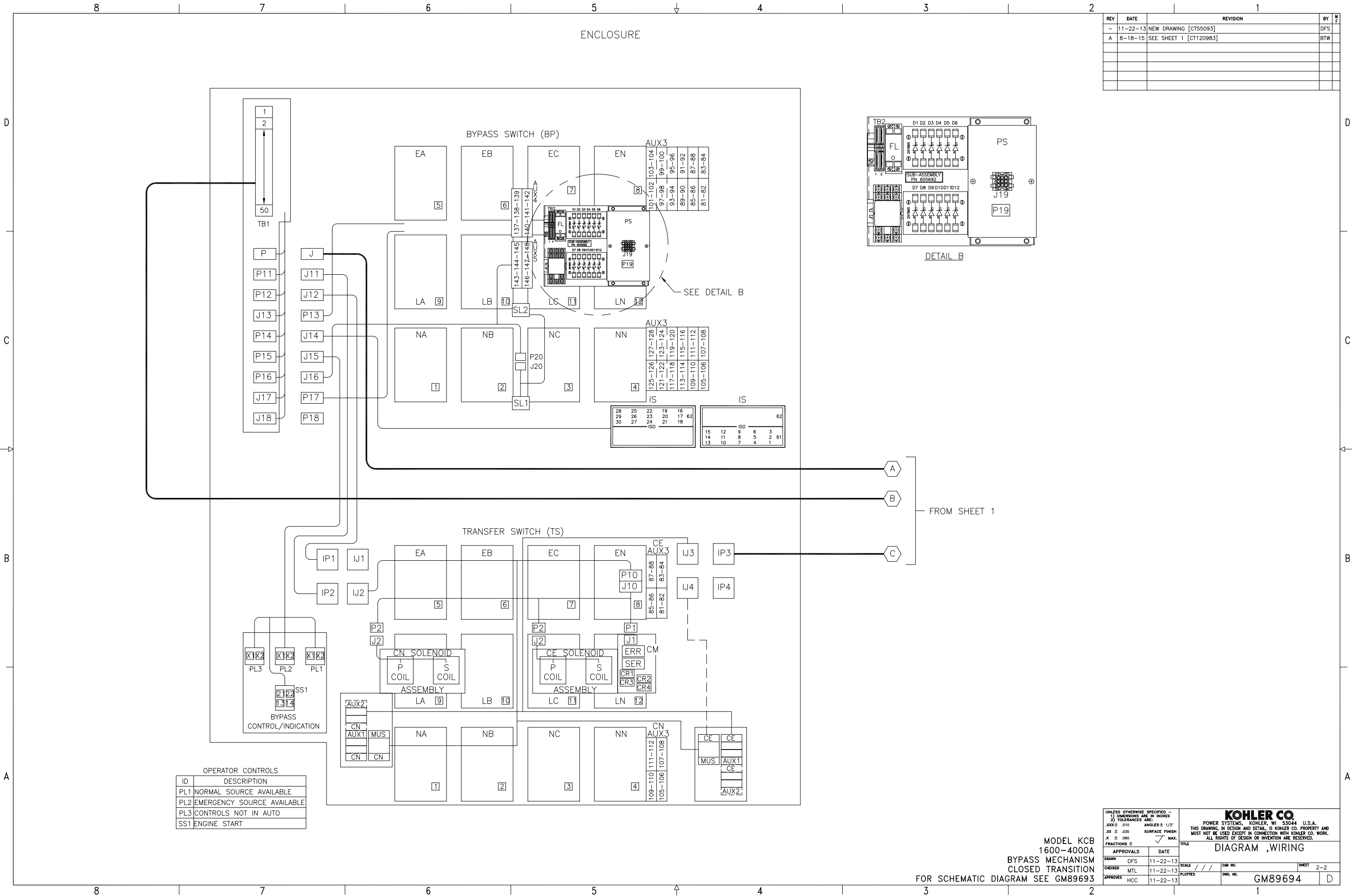


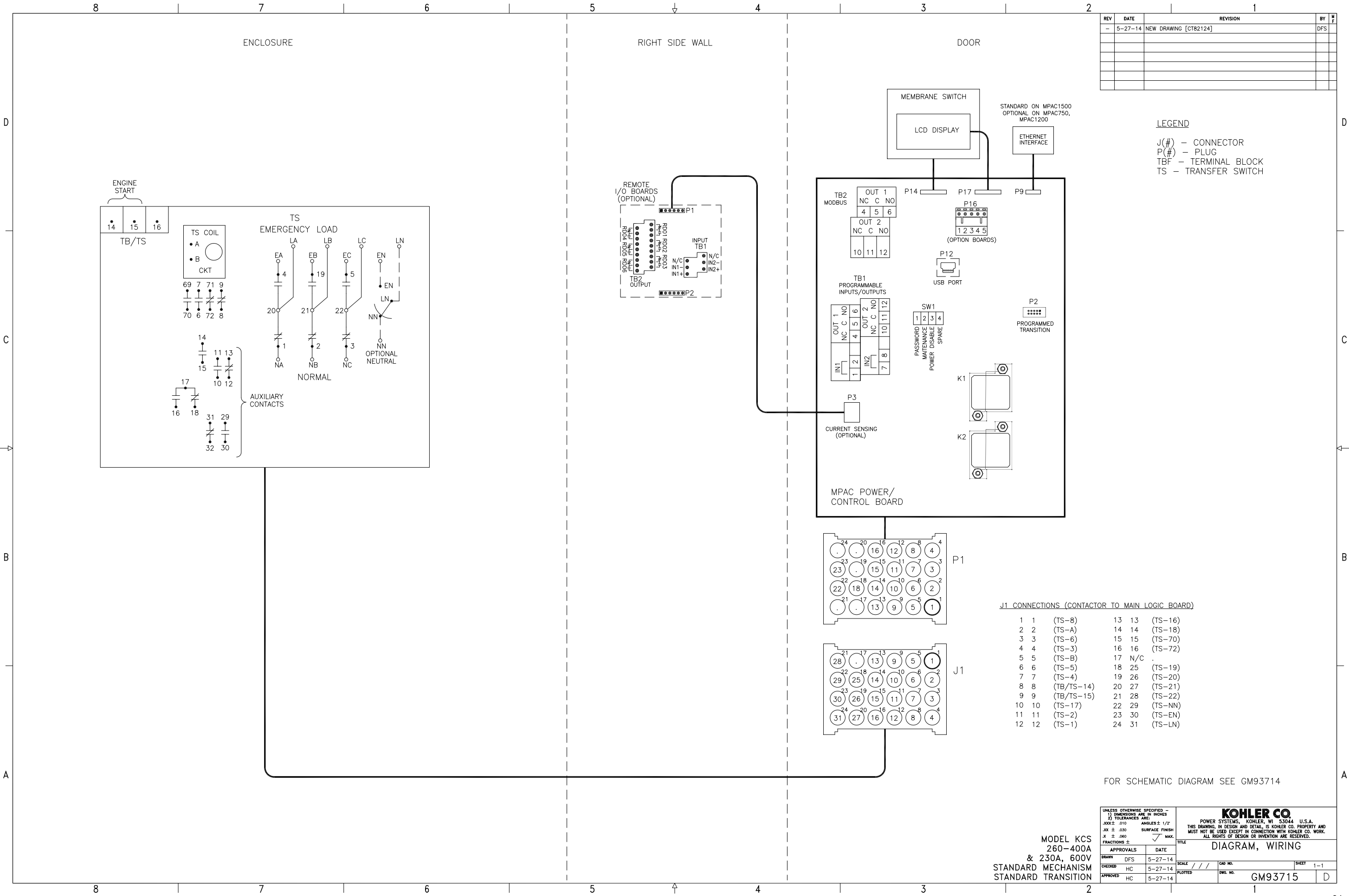












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