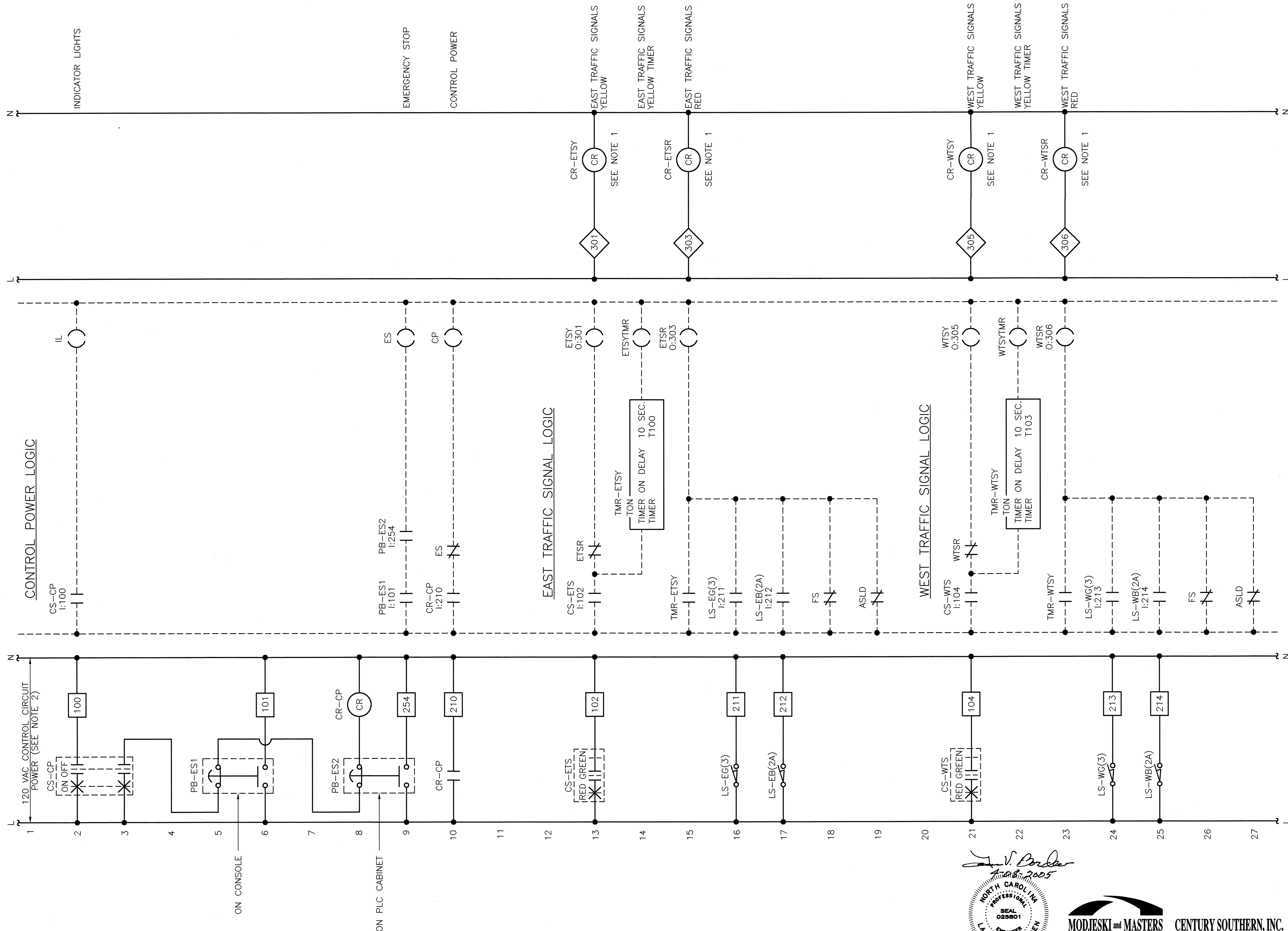


HARDWIRED INPUTS

INTERNAL PLC LOGIC

HARDWIRED OUTPUTS



NOTES:

1. NEW CONTROL RELAYS, INTERFACE WITH EXISTING TRAFFIC SIGNAL HEADS.
2. THE CONTRACTOR AND CONTROL SYSTEM VENDOR SHALL COORDINATE THE POWER SUPPLY SOURCES FOR THE CONTROL SYSTEM TO ACCOMPLISH SEGMENTING AS FOLLOWS. THE PLC CABINET AND MOTOR CONTROL CENTER SHALL BE FED FROM A CIRCUIT FROM PANELBOARD LP-1A. THE CONSOLE SHALL BE FED FROM A SEPARATE CIRCUIT (BUT ON THE SAME PHASE) FROM PANELBOARD LP-1A. THE EAST TOWER PLC CABINET SHALL BE FED FROM A CIRCUIT FROM PANELBOARD LP-3. THE WEST TOWER PLC CABINET SHALL BE FED FROM A CIRCUIT FROM PANELBOARD LP-2.



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH			
CAPE FEAR RIVER CROSSING WILMINGTON, NORTH CAROLINA			
CONTROL CIRCUIT - 1			
DESIGNED	G.L. FASICK	DATE	APRIL, 2005
CHECKED	N.E. ALGER	DRAWING NO.	15 OF 53
DRAWN BY		R.L. REED	
SCALE		NONE	
CHECKED		G.L. FASICK	