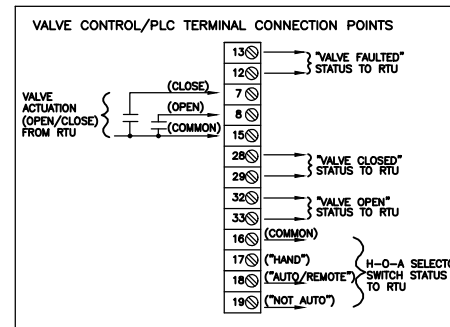
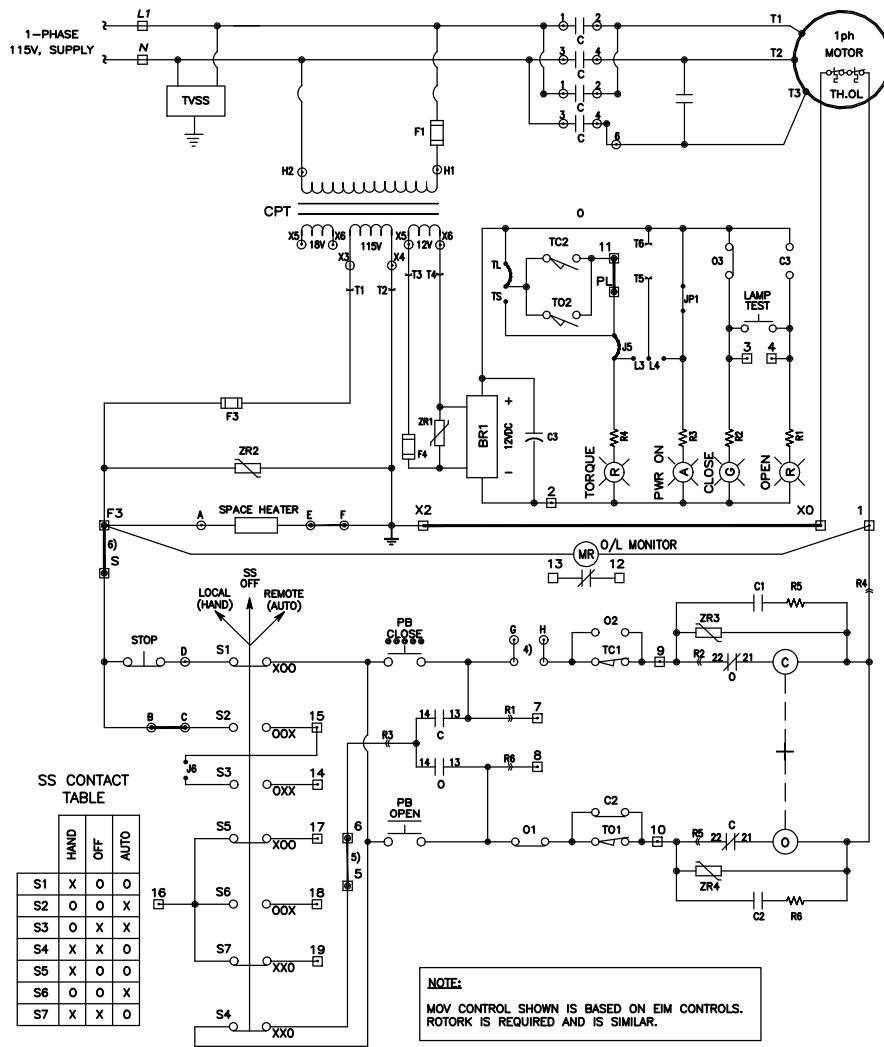




LEGEND

O—OPEN CONTACT
C—CLOSE CONTACT
⓪—OPENING COIL
⓪—CLOSING COIL
+—MECHANICAL INTERLOCK
CPT—CONTROL POWER TRANSFORMER
TH.O.L.—THERMAL OVERLOAD CONTACTS
SS—SELECTOR SWITCH (LOCAL—OFF—REMOTE)
PB—PUSHBUTTON
MR—MONITOR RELAY
ZR—ZENER DIODE
Ⓡ—RED INDICATING LIGHT
Ⓡ—AMBER INDICATING LIGHT
Ⓡ—GREEN INDICATING LIGHT

NOTES

- CONTACTS SHOWN: VALVE CLOSED; VOLTAGE: OFF; S/S: HAND
- CUSTOMER WIRES TO TERMINALS ON PWR AND TBM MODULES.
M2CP INTERNAL TERMINAL INTERCONNECT WIRING POINTS
FIELD CONNECTED WIRING BY OTHERS.
- TORQUE SWITCH () "TC1" & "TO1" NC CONTACTS OPEN, AND () "TC2" & "TO2" N.O. CONTACTS MAKE ON FIELD ADJUSTABLE MECHANICAL OVERLOAD IN (C) "CLOSE" OR IN (O) "OPEN" DIRECTION.
- FOR TORQUE SEATED VALVE: INSTALL G TO H STRAP ON LSM.
- FOR MAINTAINED PB CONTROL: REMOVE 5 TO 6 STRAP ON TBM.
- FOR REMOTE STOP PB OR RELAY: REMOVE F3 TO S STRAP ON TBM.
- O & C (22-31) REVERSING CONTACTOR NC INTERLOCK CONTACTS.
O & C (14-13) MOMENTARY PUSHBUTTON N.O. SEAL-IN CONTACTS.
- MOTOR THERMAL CONTACTS OPEN WITH EXCESSIVE TEMPERATURE.
- POSITION INDICATOR PILOT LIGHTS: LED SOLID-STATE
"OPEN" INDICATES: FULL OPEN (RED)
"CLOSE" INDICATES: FULL CLOSED (GREEN)
MID-POSITION: BOTH "OPEN" AND "CLOSE" ILLUMINATED.
"PWR ON" AND "TORQUE" INDICATORS ARE ONLY VISIBLE WITH COVER OPEN FOR CONVENIENCE DURING MAINTENANCE PROCEDURES.

SS CONTACT TABLE

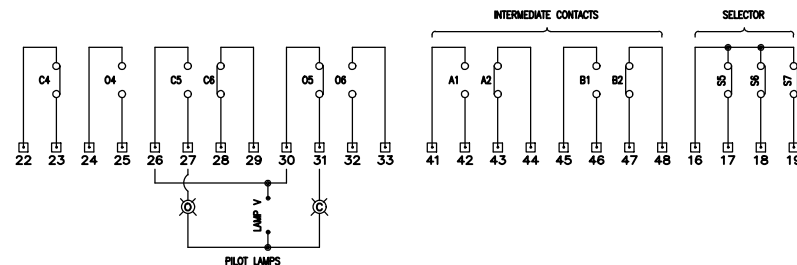
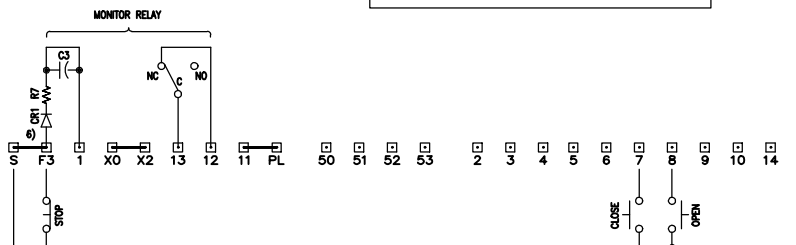
	HAND	OFF	AUTO
S1	X	O	O
S2	O	O	X
S3	O	X	X
S4	X	X	O
S5	X	O	O
S6	O	O	X
S7	X	X	O

NOTE:

MOV CONTROL SHOWN IS BASED ON EIM CONTROLS. ROTORK IS REQUIRED AND IS SIMILAR.

NOTE:

SET VALVE TO FAIL IN PLACE ON LOSS OF POWER.



REUSE SYSTEM STANDARD SERVICE CONNECTIONS
OPEN/CLOSE VALVE SINGLE CONTROL PANEL SITE
OPEN/CLOSED MOV CONTROL DIAGRAM

REVISION DATE:
APRIL 2006

NTS



SHEET NO.
NP-E4