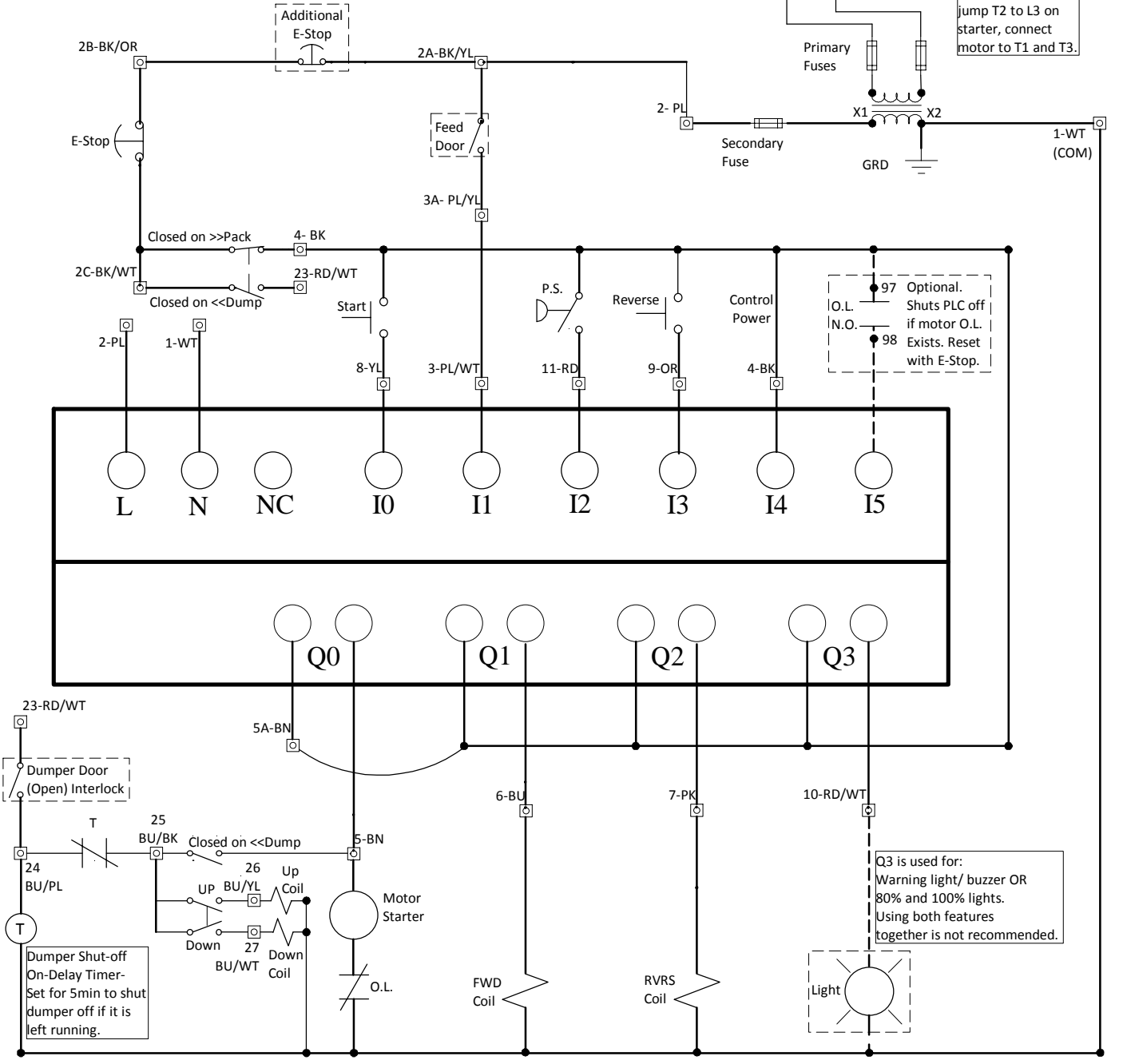


Notes:  
 Both E-stops act the same. Both feed doors act the same.  
 Maint door acts like E-stop. It does NOT count.  
 Dump/Door interlock prevents dumper activation unless door is fully open.  
 Dump/Off/Pack switch is 3 pos maintained. Dump position allows only UP and DOWN to activate. Motor starts in DUMP position. Timer Shuts dumper off if left unattended.  
 Wire Start and Reverse parallel for additional stations.  
 Dotted line boxes are optional connections- Jump if solid line connection, omit if dotted line connection.

Main disconnect/ branch circuit protection must be supplied by customer. Refer to fuse and breaker chart and local codes.

Main disconnect/ branch circuit protection must be supplied by customer. Refer to fuse and breaker chart and local codes.

\*\*For single phase jump T2 to L3 on starter, connect motor to T1 and T3.



Optional:  
 97 Shuts PLC off if motor O.L.  
 98 Exists. Reset with E-Stop.

Q3 is used for:  
 Warning light/ buzzer OR  
 80% and 100% lights.  
 Using both features together is not recommended.

Dumper Shut-off On-Delay Timer- Set for 5min to shut dumper off if it is left running.

Basic Timers:  
 T0-Forward | T1-Reverse | T2-Multi Cycle Timer | T3-Auto Shut Down | C0-Counter | Relay Timer- Dumper Shut Off

Description: Versa-Pak V5 WD Elec Marathon Twin Tandem Valves with PLC control:  
 Change out 3-position spring center key switch for 3-position maintained key switch, add Start button, add relay timer to shut dumper down if left on. Wire per diagram

## Dumper System Operation

Differences in Versa-Pak V5 CE and WD version.

- Always use Push/Pull E-Stop with our WD versions. This enables you to stop the machine when it is in Dump Position.
- Not compatible with Auto-Count (we do have an auto-count compatible WD with Elec Controls version)
- Not compatible with Eye Operate

Operation

- Key Switch is 3 position maintained. Left is DUMP | Center is OFF | Right is PACK
- Switch to DUMP. Motor will start. Dumper controls will lift or lower dumper
- Switch to PACK. Press Start. Compactor will cycle.

Dump Door Interlock

If Dump Door Interlock is used it should be installed so that the interlock is not made unless the door is all the way open and out of the way of the dumper. We typically use a magnet to hold the door in this position so the interlock is held closed (or interlock magnet is on the interlock switch). Motor will not come on if the interlock is not held closed.

Timer

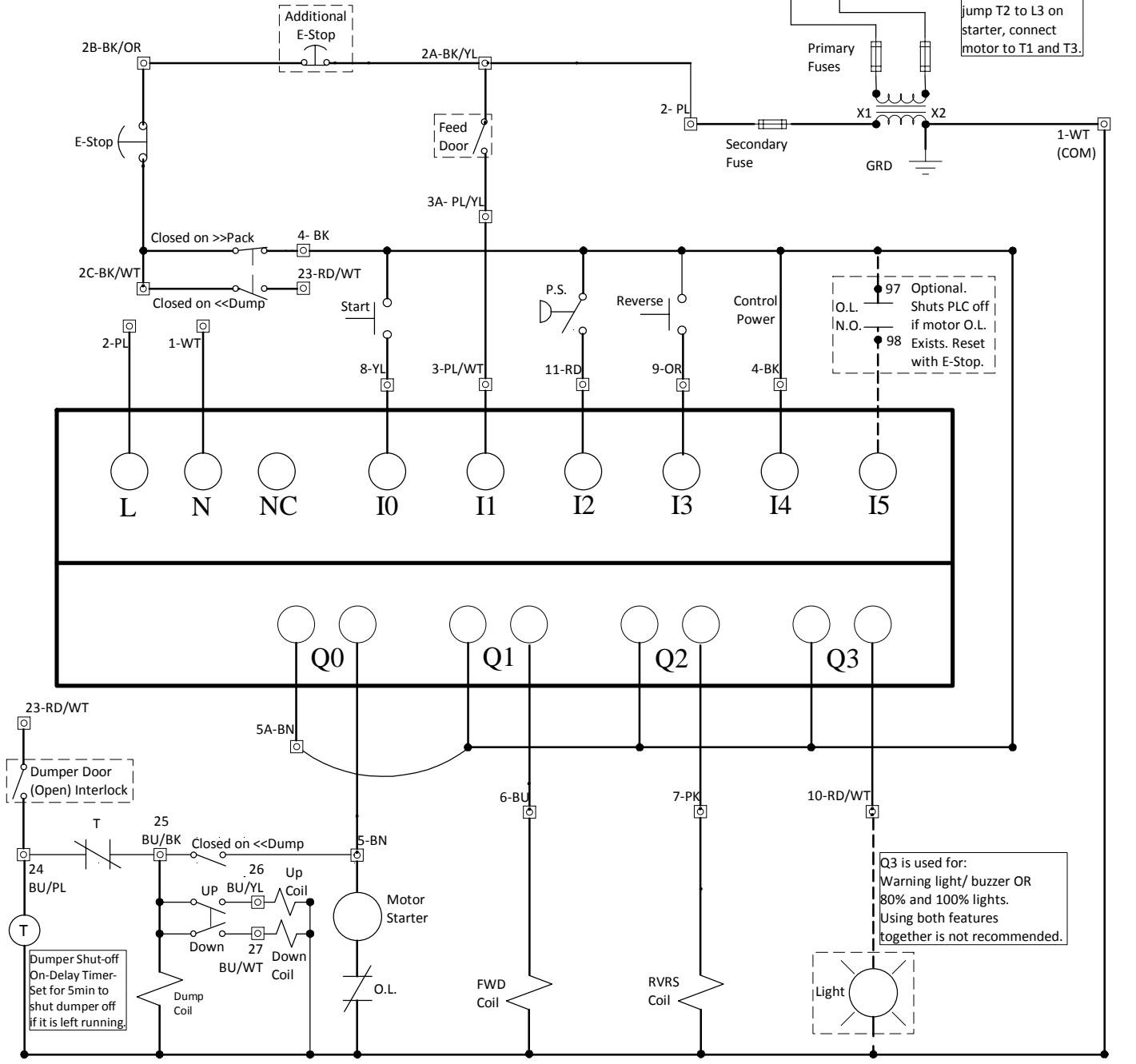
The relay style timer is used as an auto-shut off for the dumper. The timer is typically set at 5 minutes. If the dumper switch is on for 5 minutes or more the timer will turn on and shut the dumper system off. To reset, simply turn the machine off and back on or push and pull the E-Stop.

**Notes:**  
 Both E-stops act the same. Both feed doors act the same.  
 Maint door acts like E-stop. It does NOT count.  
 Dump/Door interlock prevents dumper activation unless door is fully open.  
 Dump/Off/Pack switch is 3 pos maintained. Dump position allows only UP and DOWN to activate. Motor starts in DUMP position. Timer Shuts dumper off if left unattended.  
 Wire Start and Reverse parallel for additional stations.  
 Dotted line boxes are optional connections- Jump if solid line connection, omit if dotted line connection.

Main disconnect/ branch circuit protection must be supplied by customer. Refer to fuse and breaker chart and local codes.

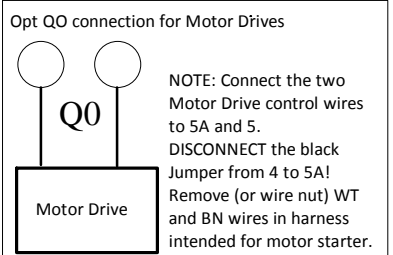
Main disconnect/ branch circuit protection must be supplied by customer. Refer to fuse and breaker chart and local codes.

\*\*For single phase jump T2 to L3 on starter, connect motor to T1 and T3.



97 Optional. Shuts PLC off if motor O.L.  
 N.O.  
 98 Exists. Reset with E-Stop.

Q3 is used for:  
 Warning light/ buzzer OR  
 80% and 100% lights.  
 Using both features together is not recommended.



**Basic Timers:**  
 T0-Forward | T1-Reverse | T2-Multi Cycle Timer | T3-Auto Shut Down | Relay Timer- Dumper Shut Off

**Description:** Versa-Pak V5 WD Electric dumper:  
 Add 2 pos directional valve to direct pump flow. Default to compactor valve, energized to dump valve.  
 Add 3 pos tandem valve for dumper.