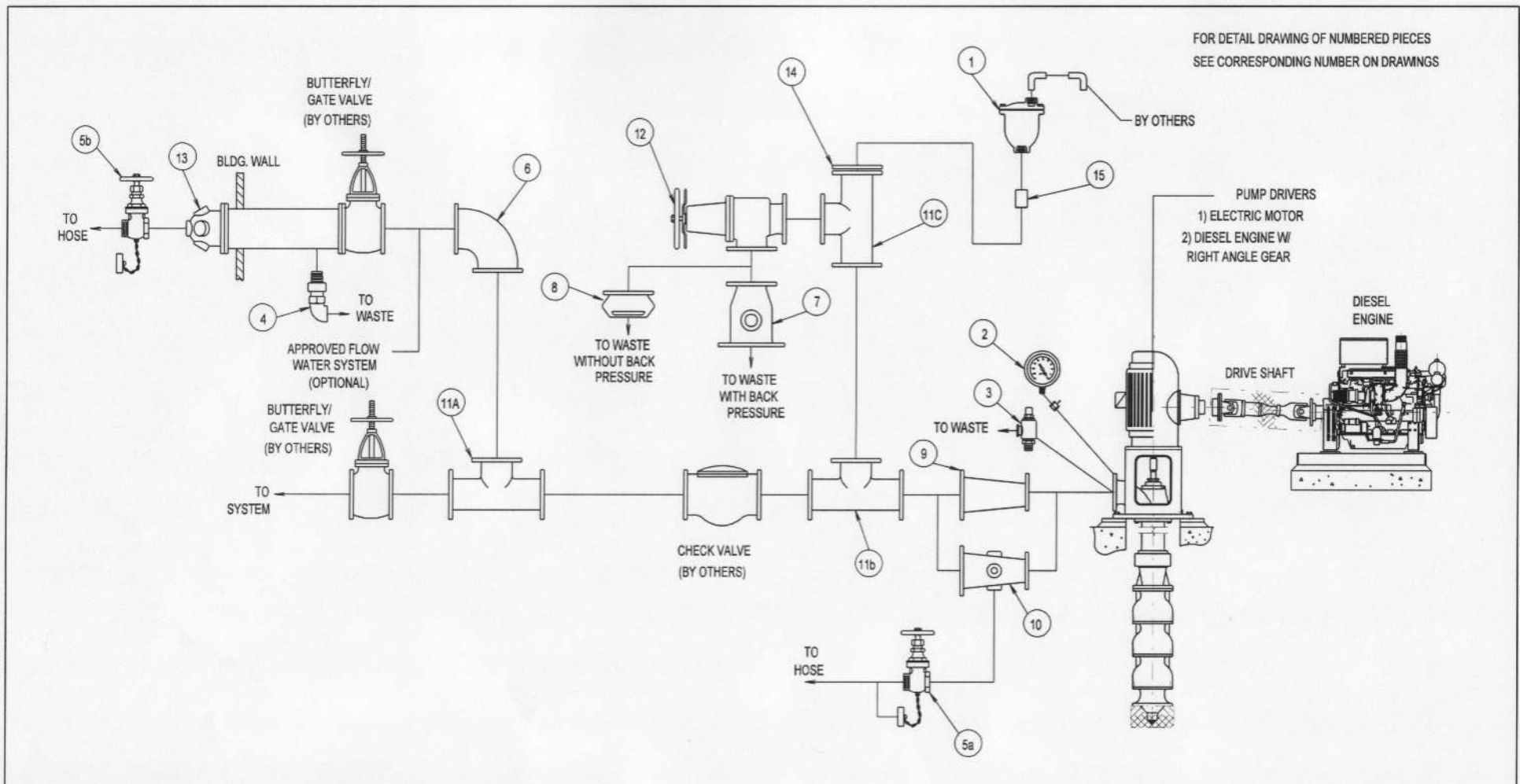


FOR DETAIL DRAWING OF NUMBERED PIECES
SEE CORRESPONDING NUMBER ON DRAWINGS



1) AUTOMATIC AIR RELEASE VALVE	9) CONCENTRIC DISCHARGE INCREASER
2) DISCHARGE GAUGE	10) INSIDE HOSE VALVE HEADER
3) RELIEF VALVE	11) TEE
4) BALL DRIP VALVE	12) MAIN RELIEF VALVE
5) HOSE VALVE	13) OUTSIDE HOSE VALVE HEADER
6) 90° ELBOW	14) REDUCING COMPANION FLANGE
7) ENCLOSED WASTE CONE	15) SHORT NIPPLE
8) OPEN WASTE CONE	

NOTE:

- 1) ITEMS 11B, 11C, 12, 7, & 8 ARE USED FOR VARIABLE SPEED DRIVES & PUMP PRESSURES ABOVE THE RATED SYSTEM PRESSURE.
- 2) ITEM 4 IS USED WITH ELECTRIC DRIVES ONLY.
- 3) ITEM 5a & 10 ARE USED WITH INSIDE HOSE VALVE HEADER ONLY.

PATTERSON PUMP COMPANY
A SUBSIDIARY OF THE GORMAN-RUPP COMPANY
TOCCOA, GEORGIA

**GENERAL FIRE PUMP
OPERATING LAYOUT**

DRAWN DOVER	DATE 12-5-98	DRAWING NO. D99-65186
SCALE NONE	APPROVED EP	