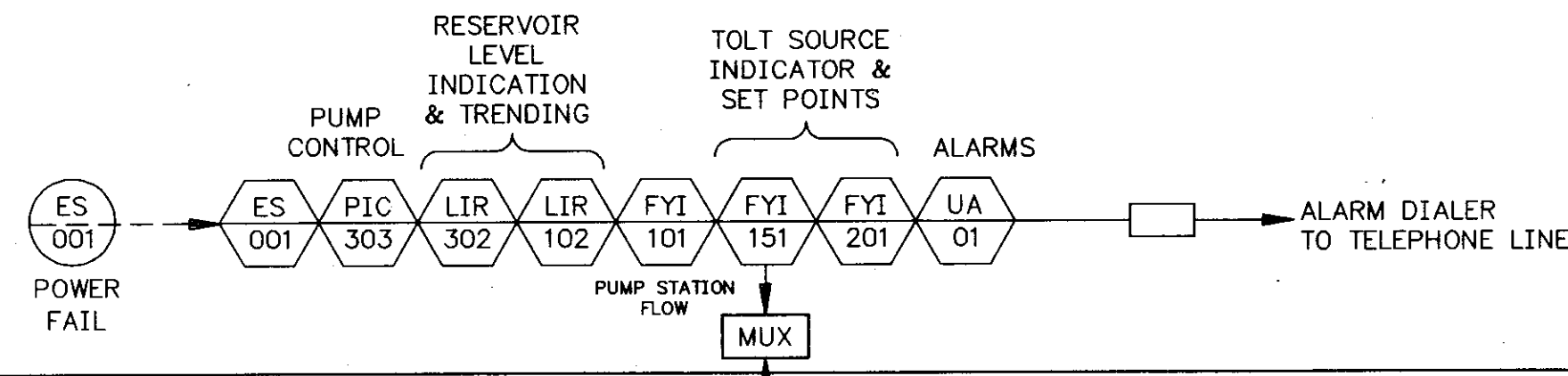


CITY SHOP



### SYMBOLS LEGEND

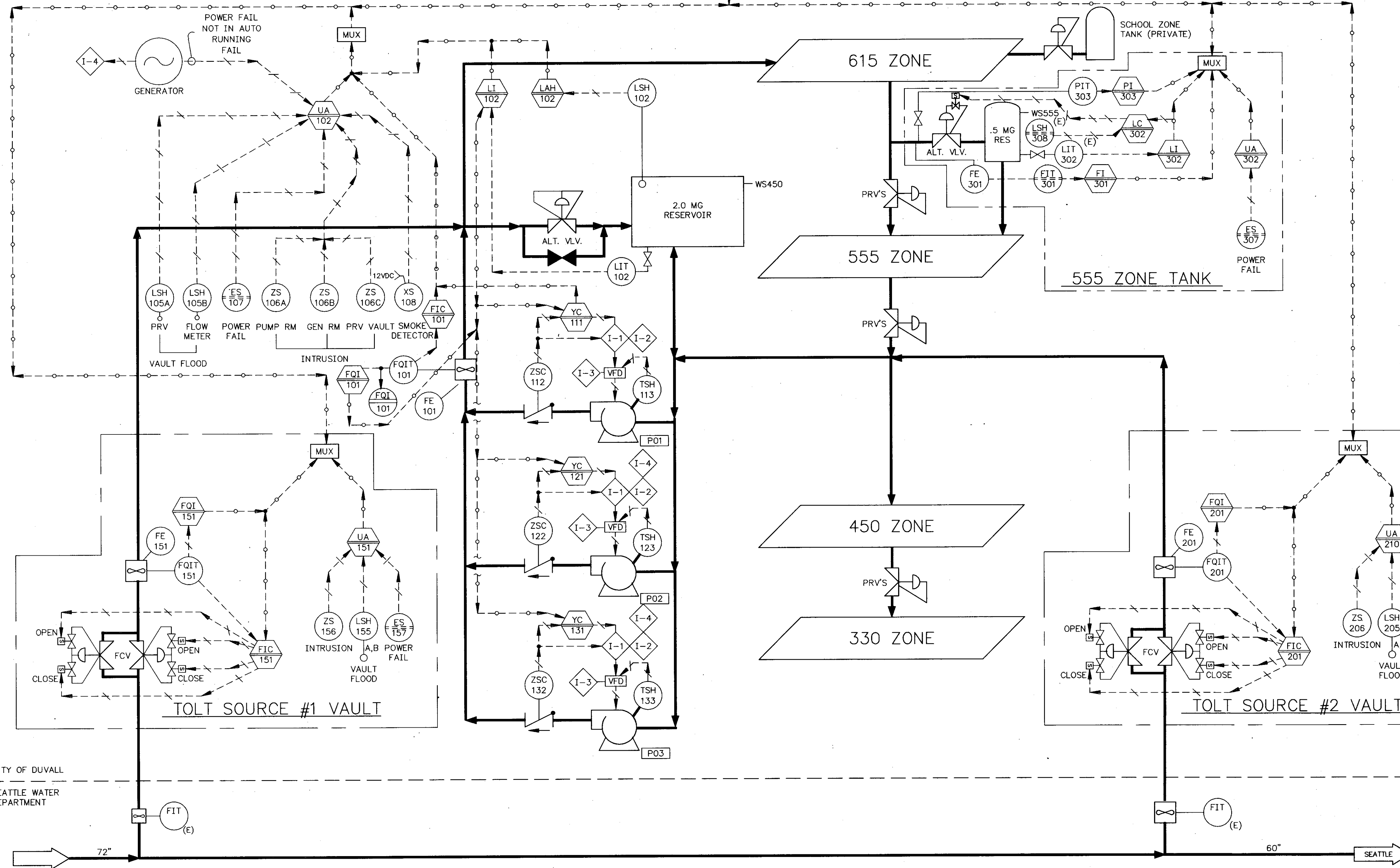
- CITY SHOP RTU
- RTU FUNCTION
- 001 SERIES CITY SHOP
- 100 SERIES RES/P.S. SITE
- 150 SERIES TOLT #1 SOURCE
- 200 SERIES TOLT #2 SOURCE (BIG ROCK RD.)
- 300 SERIES 555 ZONE STANDPIPE
- SOLENOID VALVE
- DIAPHRAM (CLA) VALVE
- VARIABLE FREQUENCY DRIVE
- PUMP
- PROPELLER TYPE FLOW METER
- TELEPHONE COMMUNICATIONS EQUIPMENT

### ABBREVIATIONS

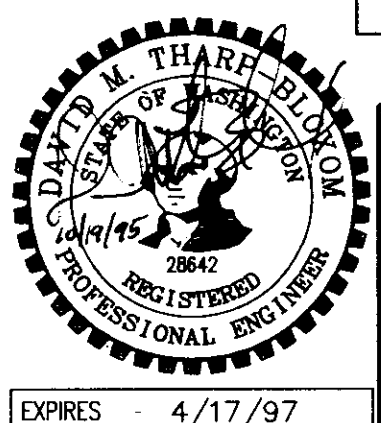
- ES POWER FAIL SENSOR
- FIC FLOW CONTROLLER
- FIT FLOW TRANSMITTER
- FIT FLOW TOTALIZER
- FQI FLOW TOTALIZER
- LIT LEVEL TRANSMITTER
- LSH HIGH LEVEL SWITCH
- UA TROUBLE ALARM
- XS SMOKE DETECTOR
- YC EVENT CONTROLLER
- ZSC INTRUSION (DOOR) SWITCH
- ZSC VALVE CLOSED POSITION SWITCH
- (E) EXISTING INSTRUMENT

### INTERLOCK NOTES:

- I-1 VFD CAN NOT DISENGAGE UNTIL CHECK VALVE IS FULLY CLOSED.
- I-2 IF RESERVOIR REACHES A LOW LEVEL, PUMPS ARE STOPPED.
- I-3 MOTOR OVER TEMP. SHALL SHUT DOWN VFD AND INITIATE A VFD FAULT ALARM.
- I-4 ONLY ONE 100 HP PUMP CAN OPERATE AT A TIME ON STAND-BY POWER.



CITY OF DUVALL  
SEATTLE WATER DEPARTMENT



REVISIONS	GENERAL NOTES

DESIGNED BY	DMB
DRAWN BY	MAR
CHECKED BY	DRB
APPROVED BY	<b>BL</b>
DATE PRINTED	9/7/95
SCALE	NONE
F.B. NO.	X

**HAMMOND, COLLIER & WADE - LIVINGSTONE ASSOCIATES, INC.**

CONSULTING ENGINEERS LAND SURVEYORS

SEATTLE (206) 632-2664      WENATCHEE (509) 662-1762      CHELAN (509) 682-2462

CITY OF DUVALL  
1995 WATER SYSTEM IMPROVEMENTS

PROCESS & INSTRUMENTATION DIAGRAM

JOB NO.	95006.3
DRAWING NO.	P1
SHEET OF	18 OF 27

ENGINEERING, INC.  
P.O. BOX 12884  
Mill Creek, WA. 98082-0884  
(206) 338-2416