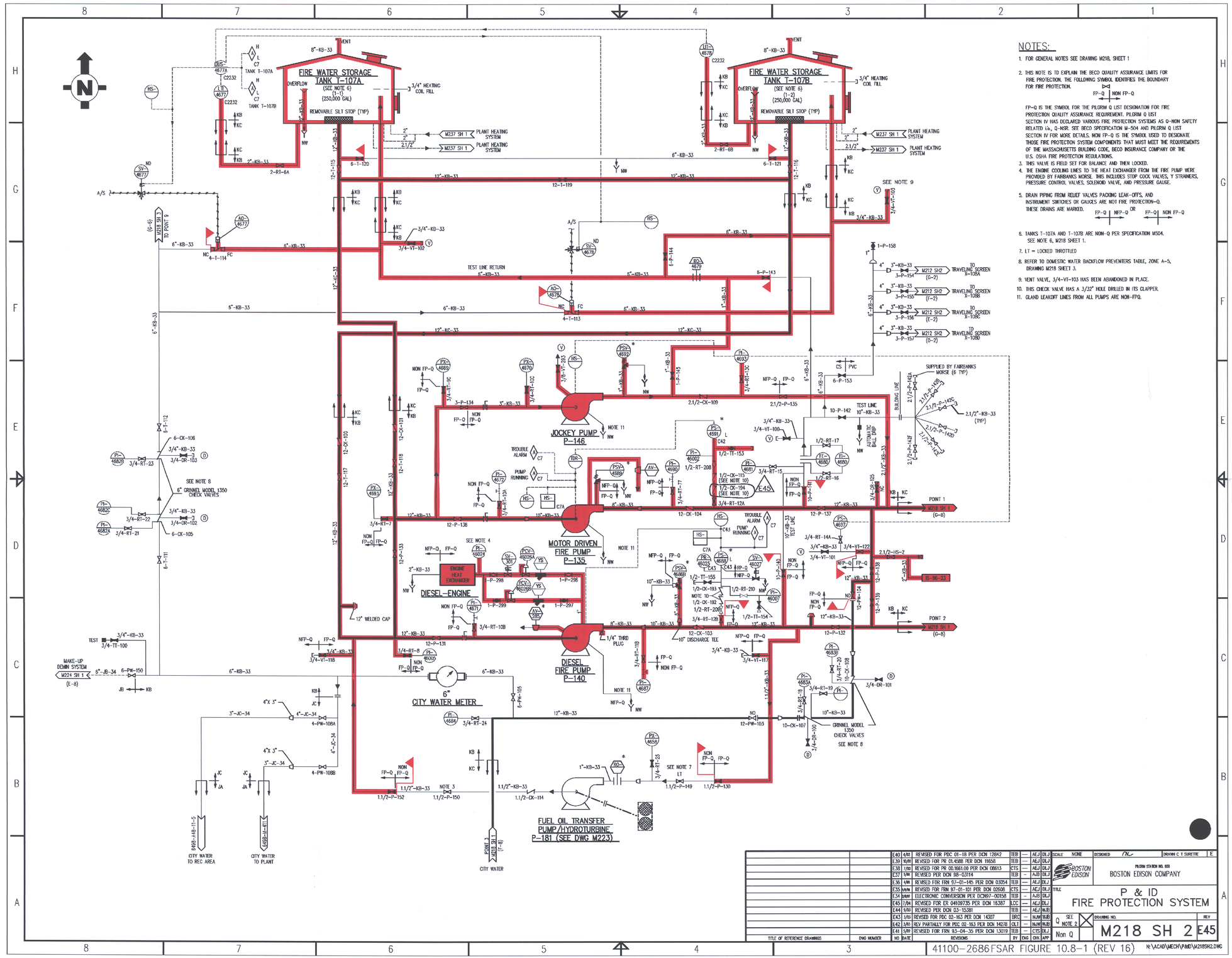

NOTES:

1. FOR GENERAL NOTES SEE DRAWING M218, SHEET 1
2. THIS NOTE IS TO EXPLAIN THE BECO QUALITY ASSURANCE LIMITS FOR FIRE PROTECTION. THE FOLLOWING SYMBOL IDENTIFIES THE BOUNDARY FOR FIRE PROTECTION.

   FP-Q | NON FP-Q

   FP-Q IS THE SYMBOL FOR THE PILGRIM Q LIST DESIGNATION FOR FIRE PROTECTION QUALITY ASSURANCE REQUIREMENT. PILGRIM Q LIST SECTION IV HAS DECLARED VARIOUS FIRE PROTECTION SYSTEMS AS Q-NON SAFETY RELATED (i.e., Q-NSR). SEE BECO SPECIFICATION M-504 AND PILGRIM Q LIST SECTION IV FOR MORE DETAILS. NON FP-Q IS THE SYMBOL USED TO DESIGNATE THOSE FIRE PROTECTION SYSTEM COMPONENTS THAT MUST MEET THE REQUIREMENTS OF THE MASSACHUSETTS BUILDING CODE, BECO INSURANCE COMPANY OR THE U.S. OSHA FIRE PROTECTION REGULATIONS.
3. THIS VALVE IS FIELD SET FOR BALANCE AND THEN LOCKED.
4. THE ENGINE COOLING LINES TO THE HEAT EXCHANGER FROM THE FIRE PUMP WERE PROVIDED BY FAIRBANKS MORSE. THIS INCLUDES STOP COCK VALVES, Y STRAINERS, PRESSURE CONTROL VALVES, SOLENOID VALVE, AND PRESSURE GAUGE.
5. DRAIN PIPING FROM RELIEF VALVES PACKING LEAK-OFFS, AND INSTRUMENT SWITCHES OR GAUGES ARE NOT FIRE PROTECTION-Q. THESE DRAINS ARE MARKED.

   FP-Q | NFP-Q OR FP-Q | NON FP-Q
6. TANKS T-107A AND T-107B ARE NON-Q PER SPECIFICATION M504. SEE NOTE 6, SHEET 1.
7. LT = LOCKED THROTTLED
8. REFER TO DOMESTIC WATER BACKFLOW PREVENTERS TABLE, ZONE A-5, DRAWING M218 SHEET 3.
9. VENT VALVE, 3/4-VT-103 HAS BEEN ABANDONED IN PLACE.
10. THIS CHECK VALVE HAS A 3/32" HOLE DRILLED IN ITS CLAPPER.
11. GLAND LEAKOFF LINES FROM ALL PUMPS ARE NON-FPQ.

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

FIRE PROTECTION - WATER SYSTEM AMRM-17

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	2-4-05					

REVISIONS

LRA-M-218-SH-02-0

CAD FILE: LRA-M-218-SH-02_E45.DGN

MASTER FILE: M218SH2-CALS_E45.CAL

TITLE OF REFERENCE DRAWINGS	DWG NUMBER	NO	DATE	REVISIONS	BY	ENG	CHK	APP
		E40	4/01	REVISED FOR PDC 01-18 PER DCN 12842	TEB	—	AEJ	DLJ
		E39	11/01	REVISED FOR PR 01-6588 PER DCN 11658	TEB	—	AEJ	DLJ
		E38	1/00	REVISED FOR PR 00-1661.00 PER DCN 08613	CTS	—	AEJ	DLJ
		E37	1/99	REVISED PER DCN 98-03114	TEB	—	AJB	DLJ
		E36	4/98	REVISED FOR FRN 97-01-145 PER DCN 03054	TEB	—	AEJ	DLJ
		E35	11/96	REVISED FOR FRN 97-01-101 PER DCN 02608	CTS	—	AEJ	DLJ
		E34	10/94	ELECTRONIC CONVERSION PER DCN97-001358	TEB	—	AJB	DLJ
		E45	7/04	REVISED FOR ER 04109735 PER DCN 16387	LCC	—	AEJ	DLJ
		E44	5/03	REVISED PER DCN 03-15381	TEB	—	AEJ	WLB
		E43	3/03	REVISED FOR PDC 02-163 PER DCN 14307	BRC	—	NJW	WLB
		E42	3/00	REV PARTIALLY FOR PDC 02-163 PER DCN 14238	QLJ	—	NJW	WLB
		E41	5/99	REVISED FOR FRN 93-04-35 PER DCN 13019	TEB	—	CTS	DLJ

SCALE: NONE | DESIGNED: TK | DRAWN: C T SURETTE | E

BOSTON EDISON

PROJ STATION NO. 600
BOSTON EDISON COMPANY

TITLE
P & ID
FIRE PROTECTION SYSTEM

Q SEE NOTE 2 | Non Q

DRAWING NO. M218 SH 2 | REV E45

41100-2686FSAR FIGURE 10.8-1 (REV 16)

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0-13