


- NOTES:**
- FOR GENERAL NOTES SEE DRAWING M218, SHEET 1
 - THIS NOTE IS TO EXPLAIN THE BECD 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 PLGROM Q LIST DESIGNATION FOR FIRE PROTECTION QUALITY ASSURANCE REQUIREMENT. PLGROM Q LIST SECTION IV HAS DECLARED VARIOUS FIRE PROTECTION SYSTEMS AS Q-NON SAFETY RELATED I.e., Q-NR. SEE BECD SPECIFICATION M-504 AND PLGROM 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, BECD INSURANCE COMPANY OR THE U.S. OSHA FIRE PROTECTION REGULATIONS.
 - THIS VALVE IS FIELD SET FOR BALANCE AND THEN LOCKED.
 - 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.
 - DRAIN PIPING FROM RELIEF VALVES PACKING LEAK-OFFS, AND INSTRUMENT SWITCHES OR GAUGES ARE NOT FIRE PROTECTION-Q. THESE DRAINS ARE MARKED.
FP-Q OR NON FP-Q
 - TANKS T-107A AND T-107B ARE NON-Q PER SPECIFICATION M504. SEE NOTE 6, M218 SHEET 1.
 - LT = LOCKED THROTTLED
 - REFER TO DOMESTIC WATER BACKFLOW PREVENTERS TABLE, ZONE A-5, DRAWING M218 SHEET 3.
 - VENT VALVE, 3/4"-VT-103 HAS BEEN ABANDONED IN PLACE.
 - THIS CHECK VALVE HAS A 3/32" HOLE DRILLED IN ITS CLAPPER.
 - GLAND LEAKOFF LINES FROM ALL PUMPS ARE NON-FP-Q.



COMPONENTS SUBJECT TO AMR

 FIRE PROTECTION - WATER SYSTEM AMRM-17

E40 1/01 REVISED FOR PDC 01-18 PER DCM 12642		TEB	AEJ/DJL	SCALE	NONE	DESIGNED	ML	DRAWN	C.T. SURETTE	E
E39 1/01 REVISED FOR PDC 01-18 PER DCM 12658		TEB	AEJ/DJL							
E38 1/01 REVISED FOR PDC 01-18 PER DCM 12663		CTIS	AEJ/DJL							
E37 1/01 REVISED FOR PDC 01-18 PER DCM 12674		TEB	AEJ/DJL							
E36 1/01 REVISED FOR PDC 01-18 PER DCM 12684		TEB	AEJ/DJL							
E35 1/01 REVISED FOR PDC 01-18 PER DCM 12694		CTIS	AEJ/DJL							
E34 1/01 REVISED FOR PDC 01-18 PER DCM 12704		TEB	AEJ/DJL							
E43 1/01 REVISED FOR PDC 01-18 PER DCM 12714		TEB	AEJ/DJL							
E44 1/01 REVISED FOR PDC 01-18 PER DCM 12724		TEB	AEJ/DJL							
E45 1/01 REVISED FOR PDC 01-18 PER DCM 12734		TEB	AEJ/DJL							
E46 1/01 REVISED FOR PDC 01-18 PER DCM 12744		TEB	AEJ/DJL							
E47 1/01 REVISED FOR PDC 01-18 PER DCM 12754		TEB	AEJ/DJL							
E48 1/01 REVISED FOR PDC 01-18 PER DCM 12764		TEB	AEJ/DJL							
E49 1/01 REVISED FOR PDC 01-18 PER DCM 12774		TEB	AEJ/DJL							
E50 1/01 REVISED FOR PDC 01-18 PER DCM 12784		TEB	AEJ/DJL							
E51 1/01 REVISED FOR PDC 01-18 PER DCM 12794		TEB	AEJ/DJL							
E52 1/01 REVISED FOR PDC 01-18 PER DCM 12804		TEB	AEJ/DJL							
E53 1/01 REVISED FOR PDC 01-18 PER DCM 12814		TEB	AEJ/DJL							
E54 1/01 REVISED FOR PDC 01-18 PER DCM 12824		TEB	AEJ/DJL							
E55 1/01 REVISED FOR PDC 01-18 PER DCM 12834		TEB	AEJ/DJL							
E56 1/01 REVISED FOR PDC 01-18 PER DCM 12844		TEB	AEJ/DJL							
E57 1/01 REVISED FOR PDC 01-18 PER DCM 12854		TEB	AEJ/DJL							
E58 1/01 REVISED FOR PDC 01-18 PER DCM 12864		TEB	AEJ/DJL							
E59 1/01 REVISED FOR PDC 01-18 PER DCM 12874		TEB	AEJ/DJL							
E60 1/01 REVISED FOR PDC 01-18 PER DCM 12884		TEB	AEJ/DJL							
E61 1/01 REVISED FOR PDC 01-18 PER DCM 12894		TEB	AEJ/DJL							
E62 1/01 REVISED FOR PDC 01-18 PER DCM 12904		TEB	AEJ/DJL							
E63 1/01 REVISED FOR PDC 01-18 PER DCM 12914		TEB	AEJ/DJL							
E64 1/01 REVISED FOR PDC 01-18 PER DCM 12924		TEB	AEJ/DJL							
E65 1/01 REVISED FOR PDC 01-18 PER DCM 12934		TEB	AEJ/DJL							
E66 1/01 REVISED FOR PDC 01-18 PER DCM 12944		TEB	AEJ/DJL							
E67 1/01 REVISED FOR PDC 01-18 PER DCM 12954		TEB	AEJ/DJL							
E68 1/01 REVISED FOR PDC 01-18 PER DCM 12964		TEB	AEJ/DJL							
E69 1/01 REVISED FOR PDC 01-18 PER DCM 12974		TEB	AEJ/DJL							
E70 1/01 REVISED FOR PDC 01-18 PER DCM 12984		TEB	AEJ/DJL							
E71 1/01 REVISED FOR PDC 01-18 PER DCM 12994		TEB	AEJ/DJL							
E72 1/01 REVISED FOR PDC 01-18 PER DCM 13004		TEB	AEJ/DJL							
E73 1/01 REVISED FOR PDC 01-18 PER DCM 13014		TEB	AEJ/DJL							
E74 1/01 REVISED FOR PDC 01-18 PER DCM 13024		TEB	AEJ/DJL							
E75 1/01 REVISED FOR PDC 01-18 PER DCM 13034		TEB	AEJ/DJL							
E76 1/01 REVISED FOR PDC 01-18 PER DCM 13044		TEB	AEJ/DJL							
E77 1/01 REVISED FOR PDC 01-18 PER DCM 13054		TEB	AEJ/DJL							
E78 1/01 REVISED FOR PDC 01-18 PER DCM 13064		TEB	AEJ/DJL							
E79 1/01 REVISED FOR PDC 01-18 PER DCM 13074		TEB	AEJ/DJL							
E80 1/01 REVISED FOR PDC 01-18 PER DCM 13084		TEB	AEJ/DJL							
E81 1/01 REVISED FOR PDC 01-18 PER DCM 13094		TEB	AEJ/DJL							
E82 1/01 REVISED FOR PDC 01-18 PER DCM 13104		TEB	AEJ/DJL							
E83 1/01 REVISED FOR PDC 01-18 PER DCM 13114		TEB	AEJ/DJL							
E84 1/01 REVISED FOR PDC 01-18 PER DCM 13124		TEB	AEJ/DJL							
E85 1/01 REVISED FOR PDC 01-18 PER DCM 13134		TEB	AEJ/DJL							
E86 1/01 REVISED FOR PDC 01-18 PER DCM 13144		TEB	AEJ/DJL							
E87 1/01 REVISED FOR PDC 01-18 PER DCM 13154		TEB	AEJ/DJL							
E88 1/01 REVISED FOR PDC 01-18 PER DCM 13164		TEB	AEJ/DJL							
E89 1/01 REVISED FOR PDC 01-18 PER DCM 13174		TEB	AEJ/DJL							
E90 1/01 REVISED FOR PDC 01-18 PER DCM 13184		TEB	AEJ/DJL							
E91 1/01 REVISED FOR PDC 01-18 PER DCM 13194		TEB	AEJ/DJL							
E92 1/01 REVISED FOR PDC 01-18 PER DCM 13204		TEB	AEJ/DJL							
E93 1/01 REVISED FOR PDC 01-18 PER DCM 13214		TEB	AEJ/DJL							
E94 1/01 REVISED FOR PDC 01-18 PER DCM 13224		TEB	AEJ/DJL							
E95 1/01 REVISED FOR PDC 01-18 PER DCM 13234		TEB	AEJ/DJL							
E96 1/01 REVISED FOR PDC 01-18 PER DCM 13244		TEB	AEJ/DJL							
E97 1/01 REVISED FOR PDC 01-18 PER DCM 13254		TEB	AEJ/DJL							
E98 1/01 REVISED FOR PDC 01-18 PER DCM 13264		TEB	AEJ/DJL							
E99 1/01 REVISED FOR PDC 01-18 PER DCM 13274		TEB	AEJ/DJL							
E100 1/01 REVISED FOR PDC 01-18 PER DCM 13284		TEB	AEJ/DJL							

Q	2-4-05	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-M-218-SH-02-E45.DGN						
M218SH2-CALS-E45.CAL						