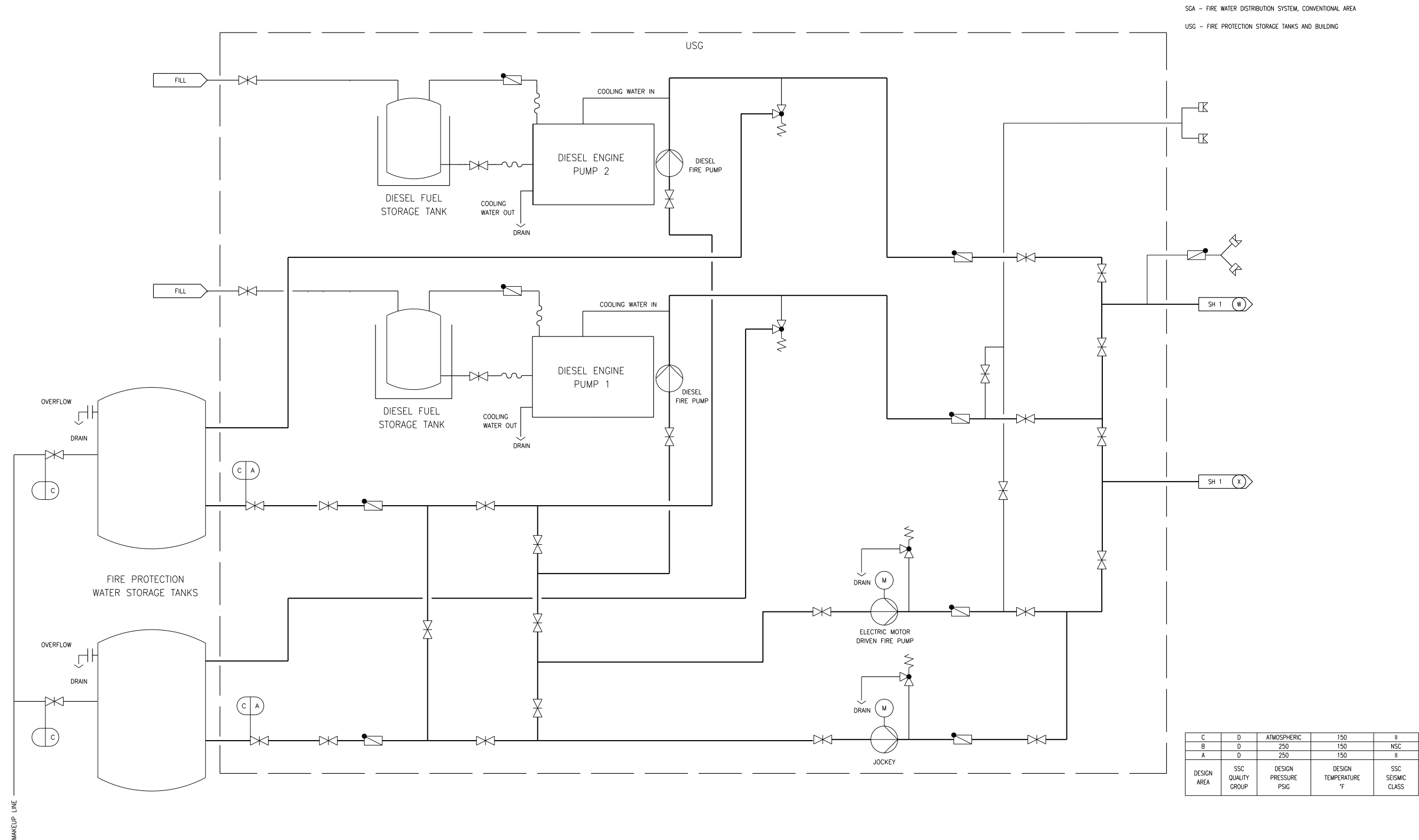
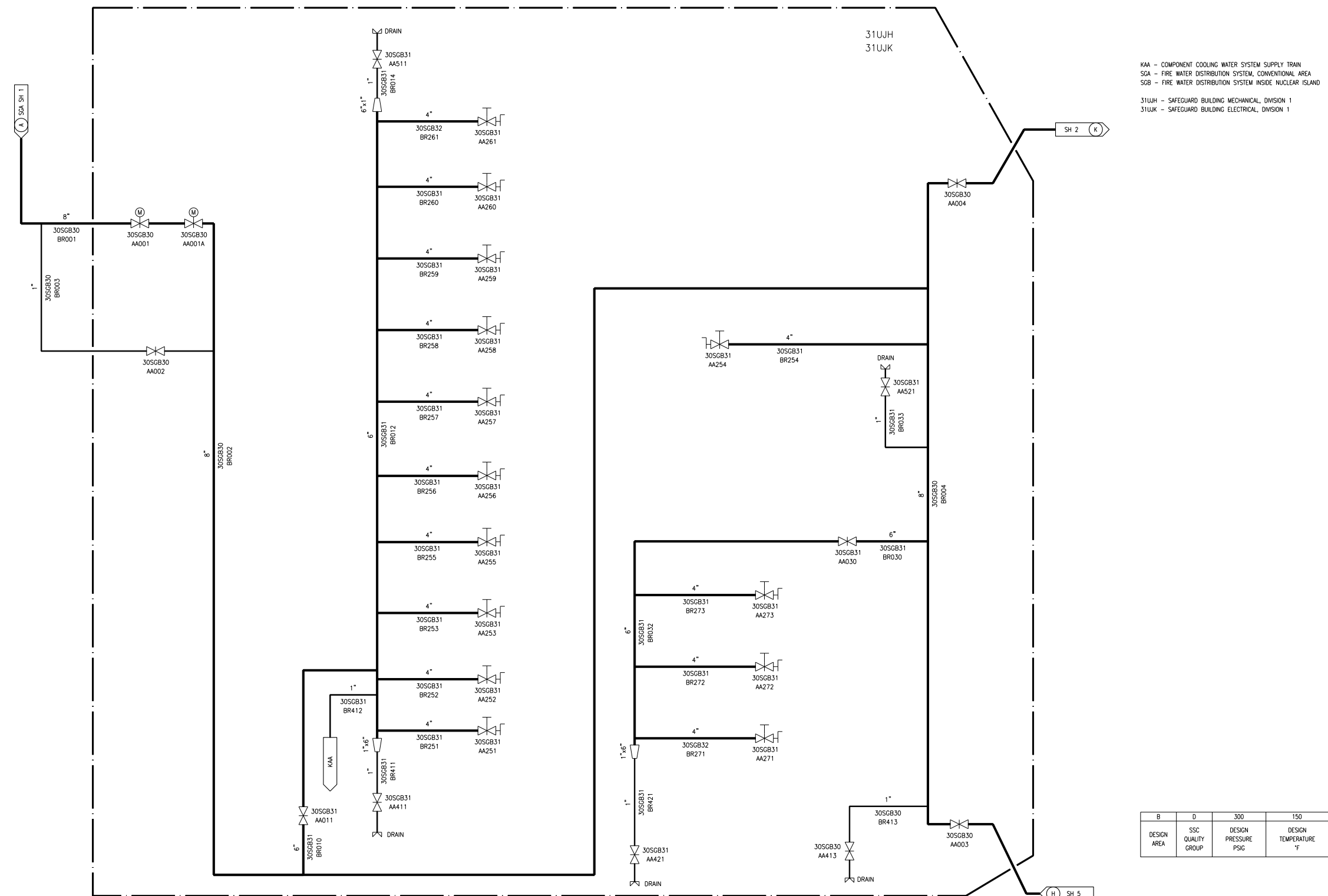


Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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SGA02T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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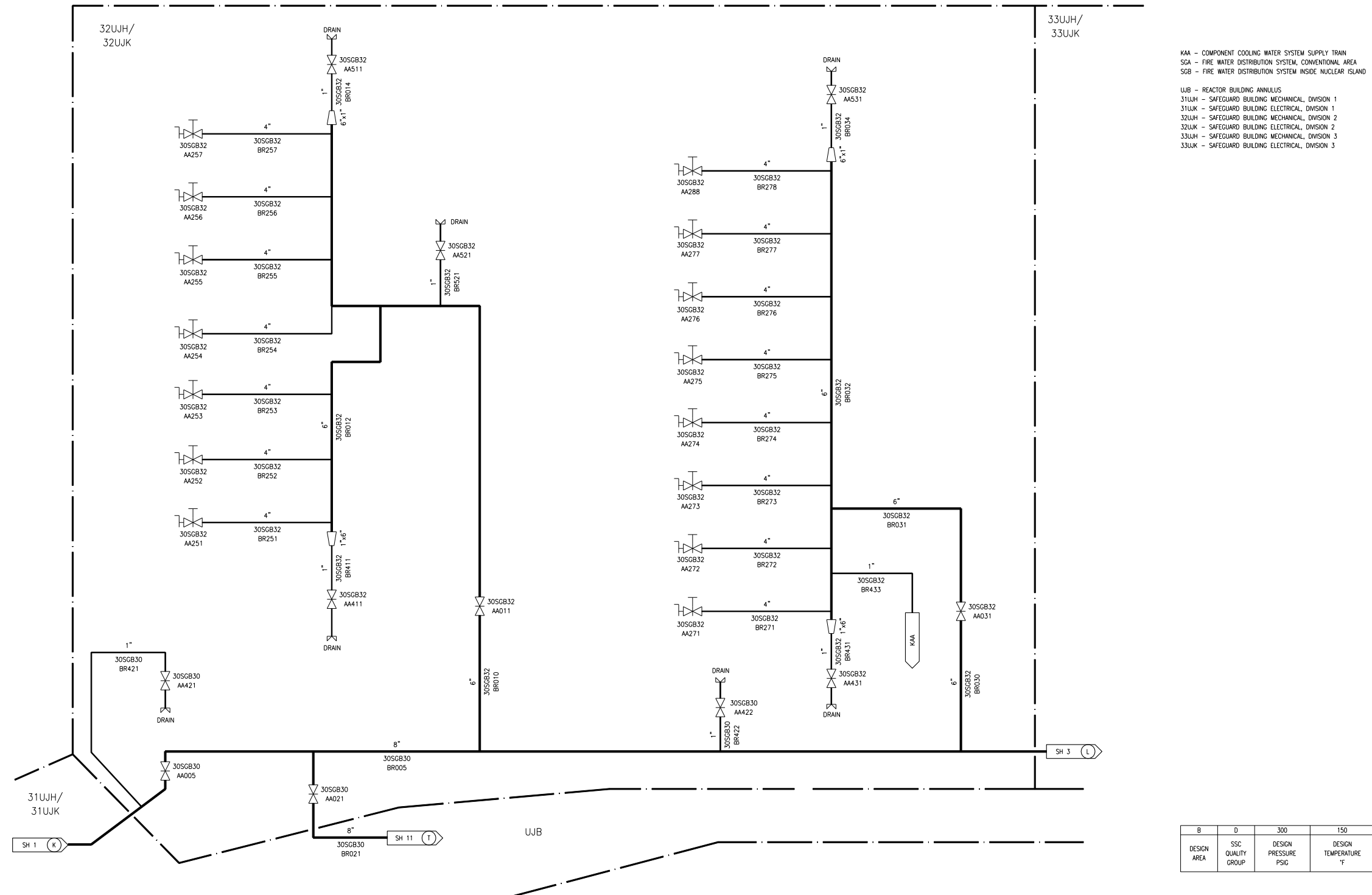


KAA - COMPONENT COOLING WATER SYSTEM SUPPLY TRAIN
 SGA - FIRE WATER DISTRIBUTION SYSTEM, CONVENTIONAL AREA
 SGB - FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND
 31UJH - SAFEGUARD BUILDING MECHANICAL, DIVISION 1
 31UJK - SAFEGUARD BUILDING ELECTRICAL, DIVISION 1

B	D	300	150	II
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

SGB01T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
Sheet 4 of 13



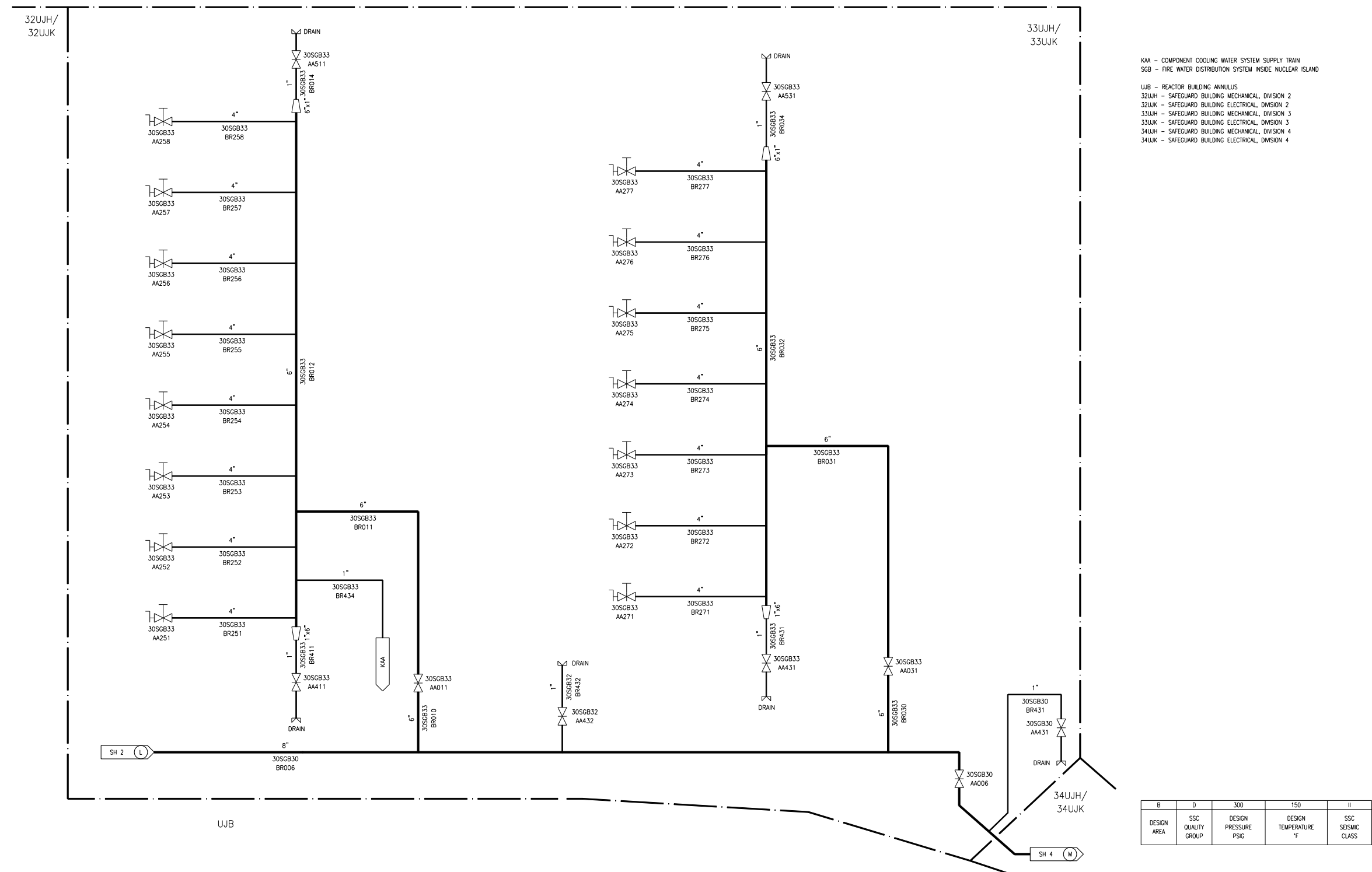
KAA - COMPONENT COOLING WATER SYSTEM SUPPLY TRAIN
 SGA - FIRE WATER DISTRIBUTION SYSTEM, CONVENTIONAL AREA
 SGB - FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND

 UJB - REACTOR BUILDING ANNULUS
 31UJH - SAFEGUARD BUILDING MECHANICAL, DIVISION 1
 31UJK - SAFEGUARD BUILDING ELECTRICAL, DIVISION 1
 32UJH - SAFEGUARD BUILDING MECHANICAL, DIVISION 2
 32UJK - SAFEGUARD BUILDING ELECTRICAL, DIVISION 2
 33UJH - SAFEGUARD BUILDING MECHANICAL, DIVISION 3
 33UJK - SAFEGUARD BUILDING ELECTRICAL, DIVISION 3

B	D	300	150	II
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

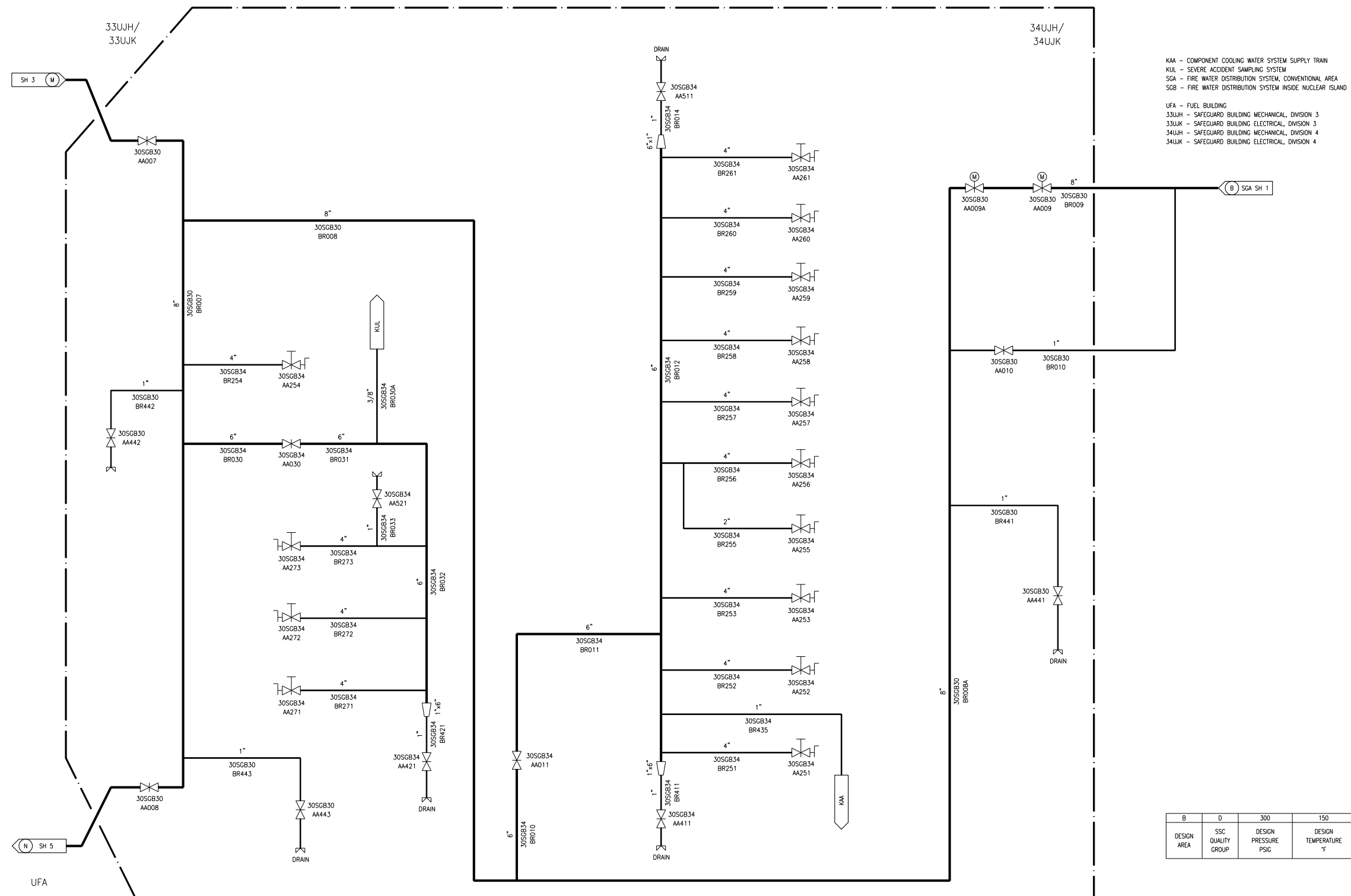
SGB02T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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SCB03T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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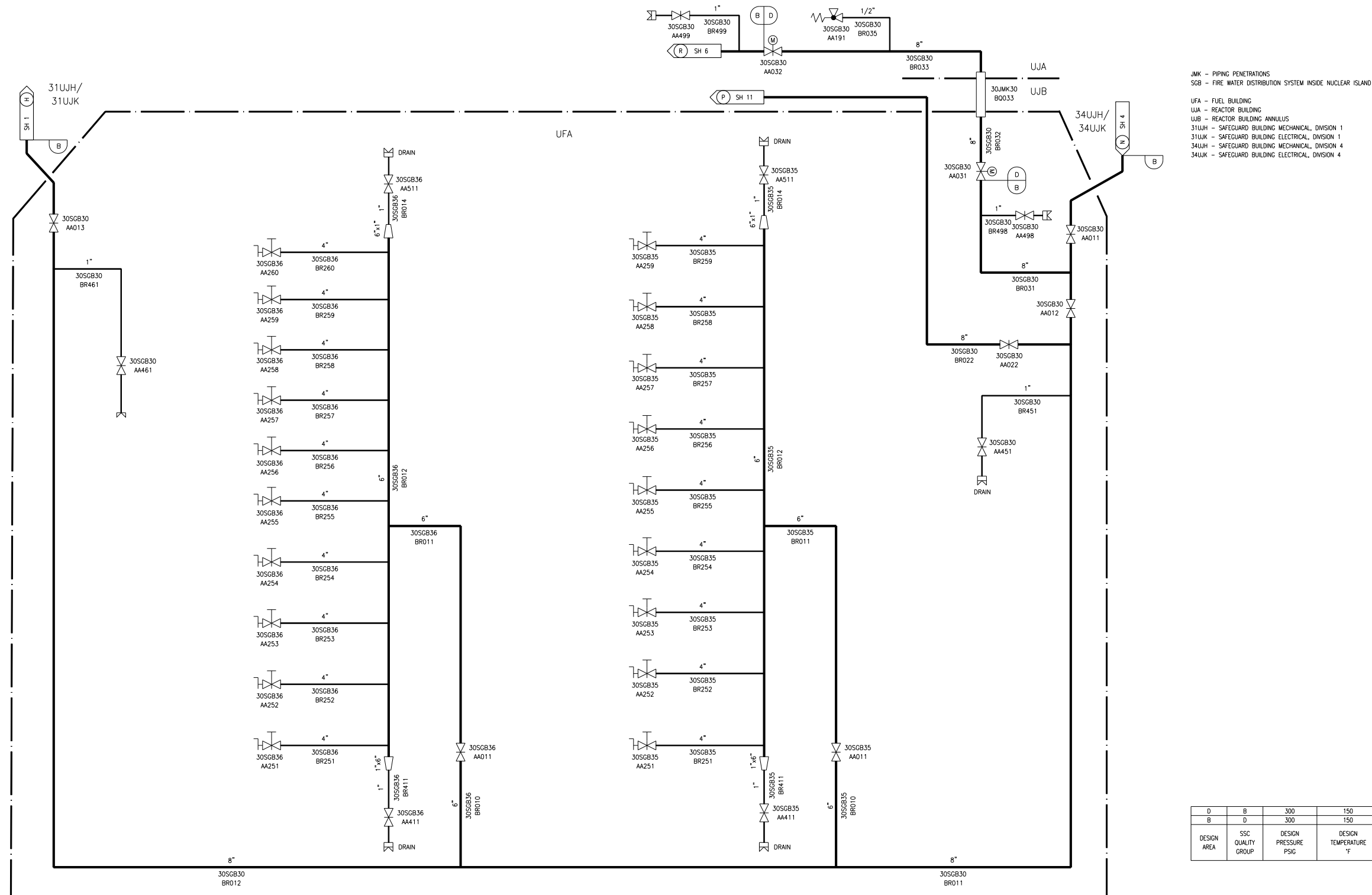


KAA - COMPONENT COOLING WATER SYSTEM SUPPLY TRAIN
 KUL - SEVERE ACCIDENT SAMPLING SYSTEM
 SGA - FIRE WATER DISTRIBUTION SYSTEM, CONVENTIONAL AREA
 SGB - FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND
 UFA - FUEL BUILDING
 33UJH - SAFEGUARD BUILDING MECHANICAL, DIVISION 3
 33UJK - SAFEGUARD BUILDING ELECTRICAL, DIVISION 3
 34UJH - SAFEGUARD BUILDING MECHANICAL, DIVISION 4
 34UJK - SAFEGUARD BUILDING ELECTRICAL, DIVISION 4

B	D	300	150	II
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

SGB04T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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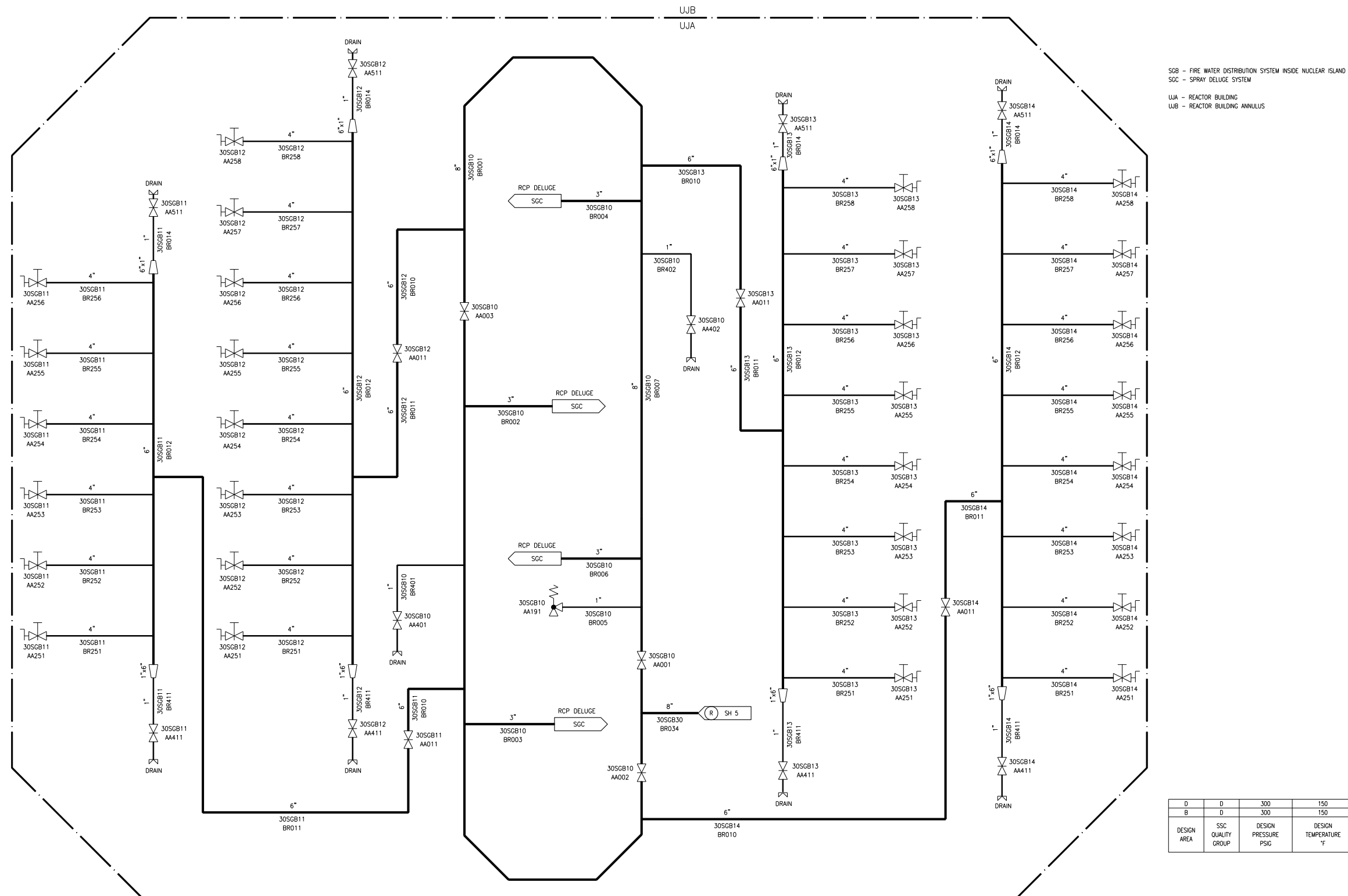


JMK - PIPING PENETRATIONS
 SGB - FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND
 UFA - FUEL BUILDING
 UJA - REACTOR BUILDING
 UJB - REACTOR BUILDING ANNULUS
 31UJH - SAFEGUARD BUILDING MECHANICAL, DIVISION 1
 31UJK - SAFEGUARD BUILDING ELECTRICAL, DIVISION 1
 34UJH - SAFEGUARD BUILDING MECHANICAL, DIVISION 4
 34UJK - SAFEGUARD BUILDING ELECTRICAL, DIVISION 4

D	B	300	150	I
B	D	300	150	II
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

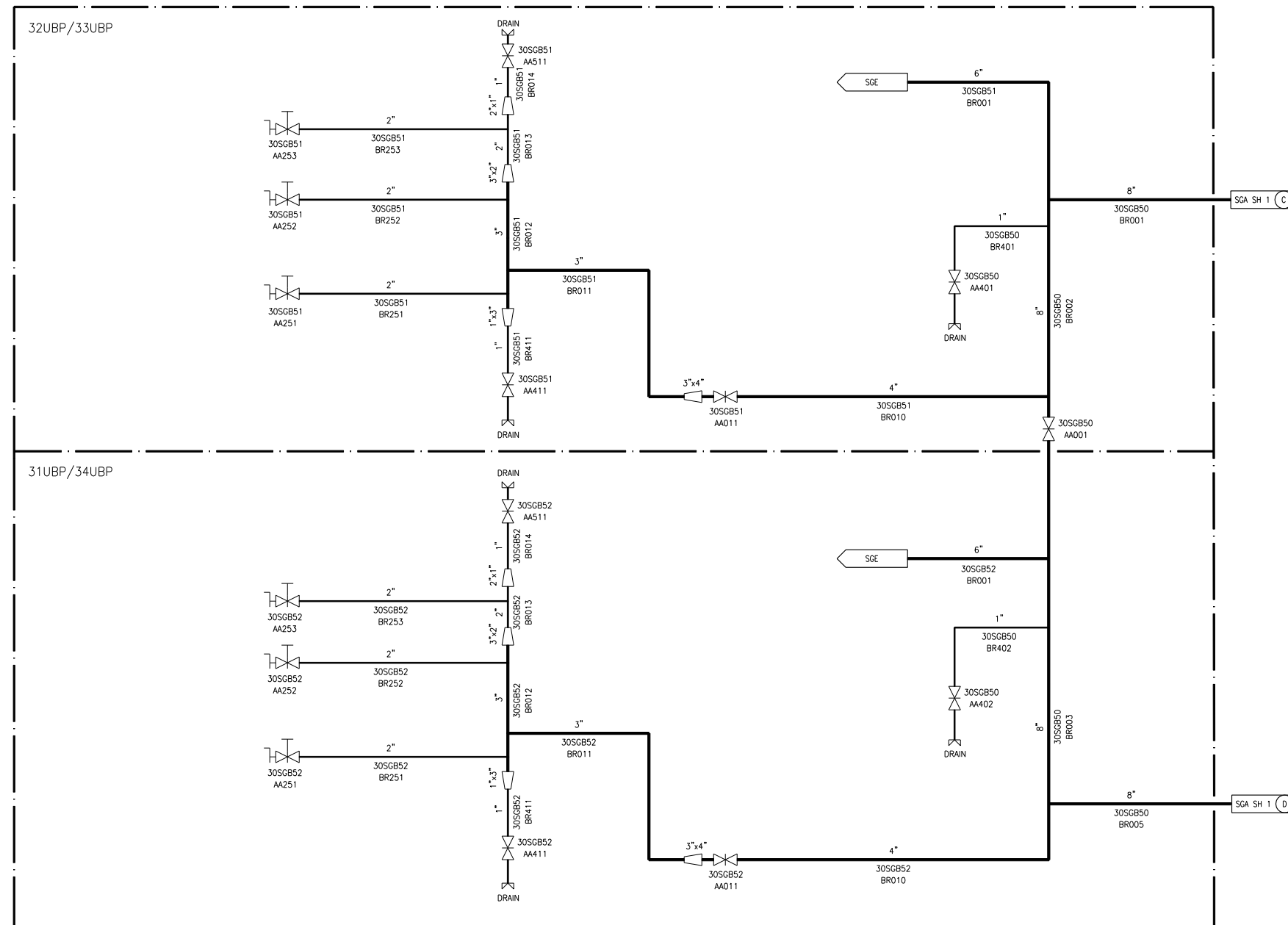
SGB05T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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SGB06T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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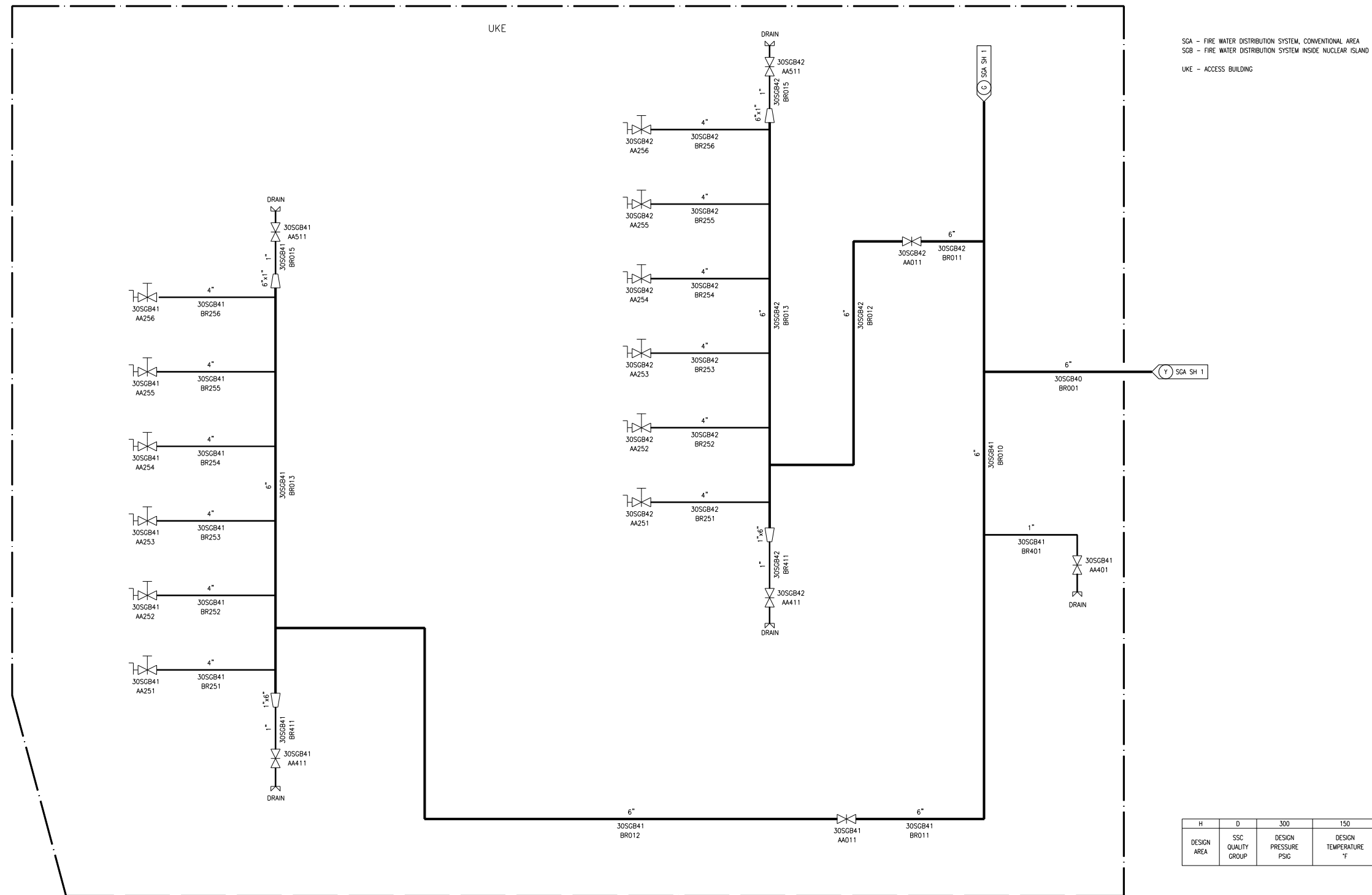
SGA - FIRE WATER DISTRIBUTION SYSTEM, CONVENTIONAL AREA
 SGB - FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND
 SGE - SPRINKLER SYSTEMS

31UBP - EMERGENCY POWER GENERATING, DIVISION 1
 32UBP - EMERGENCY POWER GENERATING, DIVISION 2
 33UBP - EMERGENCY POWER GENERATING, DIVISION 3
 34UBP - EMERGENCY POWER GENERATING, DIVISION 4

B	D	300	150	II
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

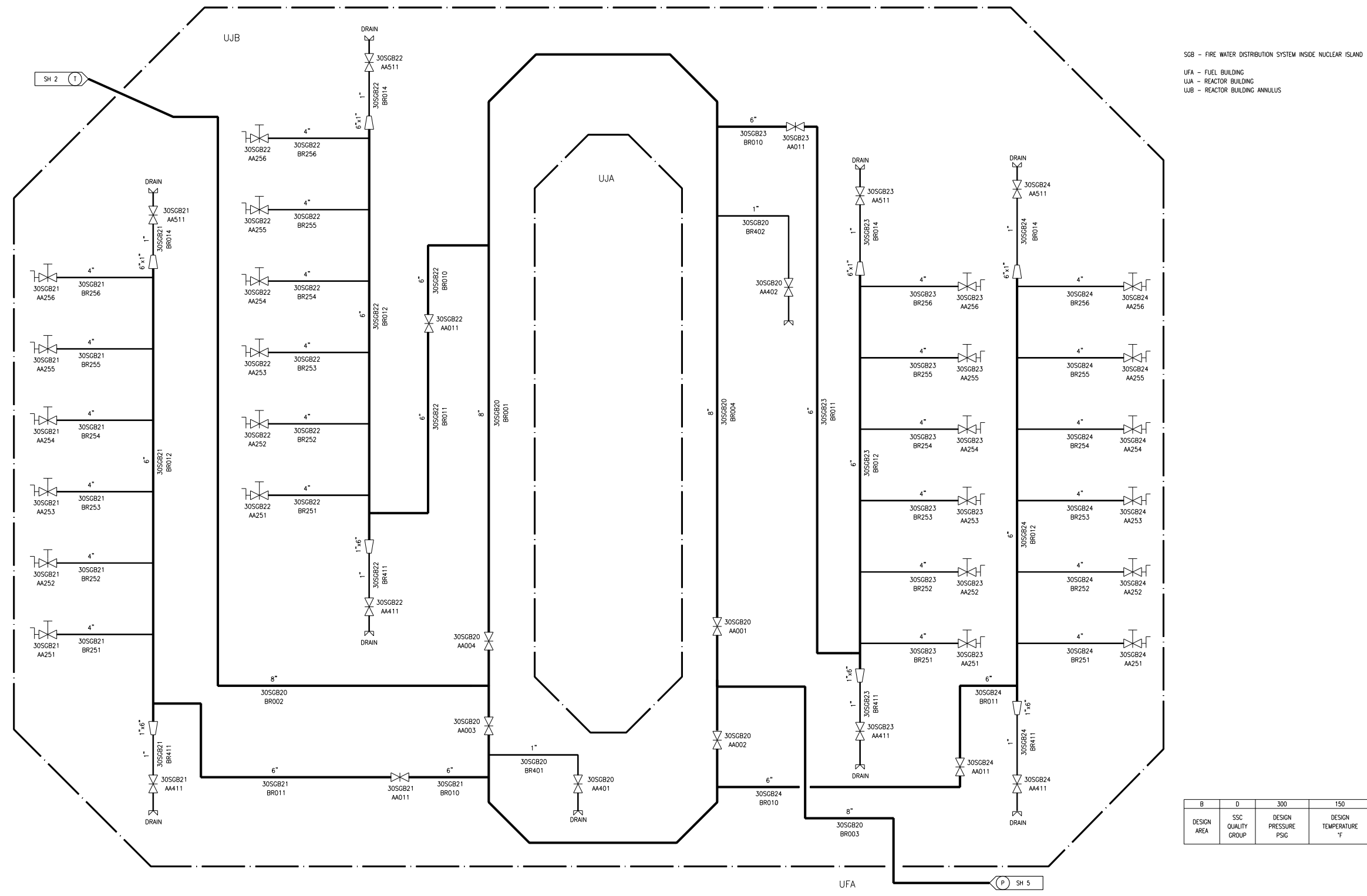
SGB07T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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SGB10T2

Figure 9.5.1-1—Fire Water Distribution System Inside Nuclear Island
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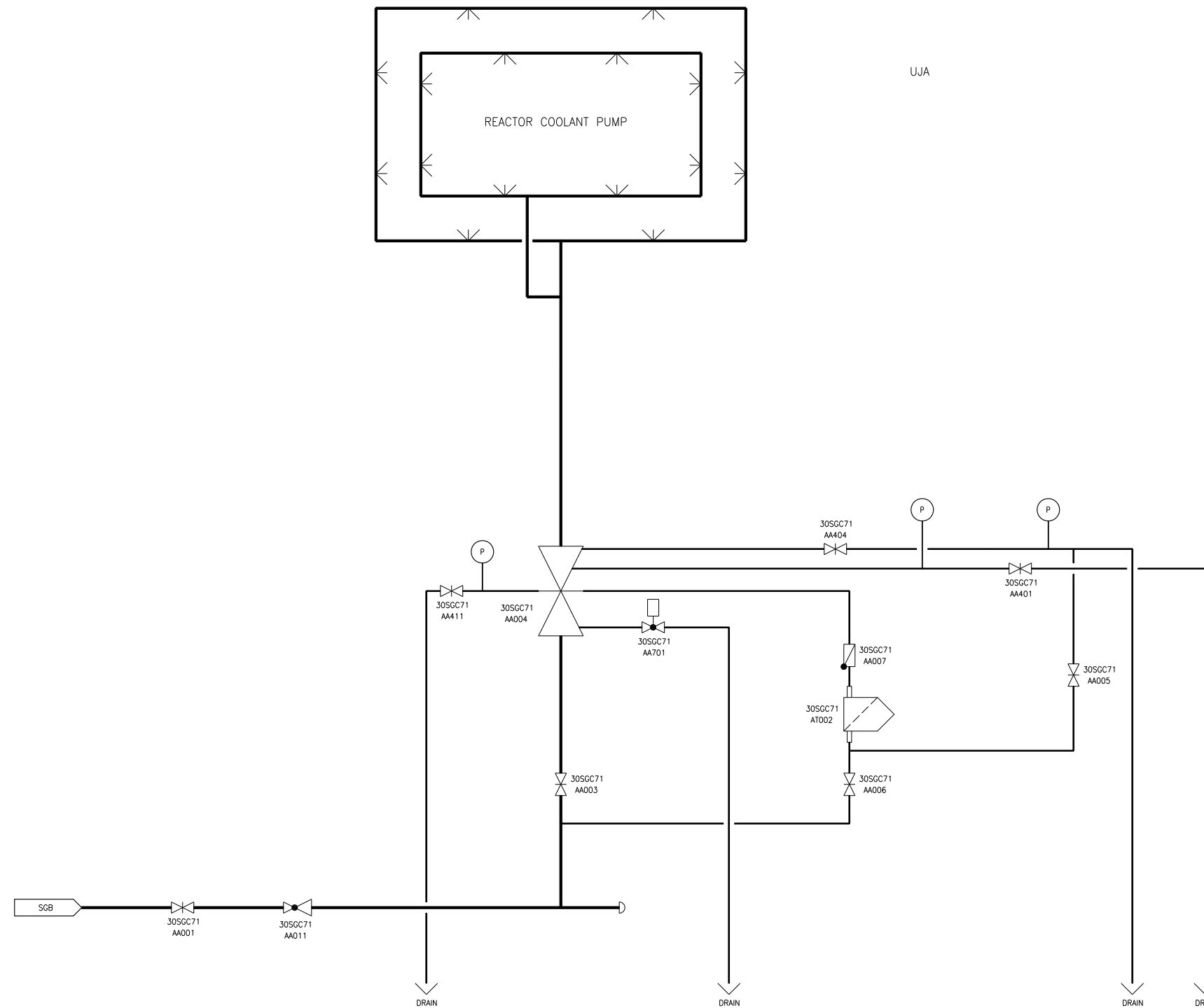


SGB - FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND
 UFA - FUEL BUILDING
 UJA - REACTOR BUILDING
 UJB - REACTOR BUILDING ANNULUS

B	D	300	150	II
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

SGB11T2

Figure 9.5.1-2—Spray Deluge Systems Layout
Sheet 1 of 2



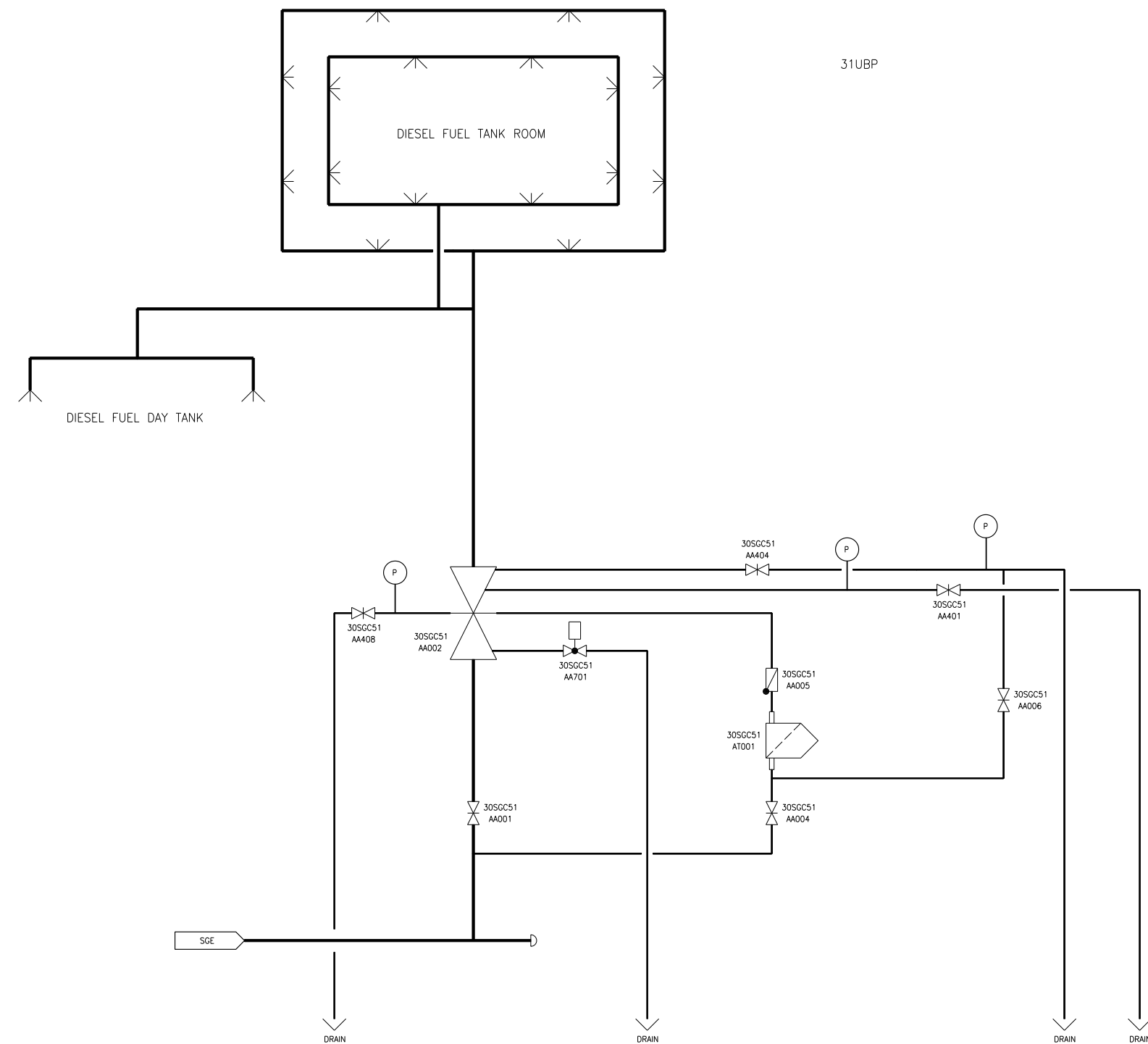
SGB - FIRE WATER SYSTEM; NUCLEAR ISLAND
SGC - SPRAY DELUGE SYSTEM
UJA - REACTOR BUILDING

NOTE:
REACTOR COOLANT PUMP LOOP 1 SHOWN, REPRESENTATIVE OF SPRAY
DELUGE SYSTEM FOR LOOPS 2, 3 AND 4.

B	D	175	122.4	NSC
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

SGC01T2

Figure 9.5.1-2—Spray Deluge Systems Layout
Sheet 2 of 2



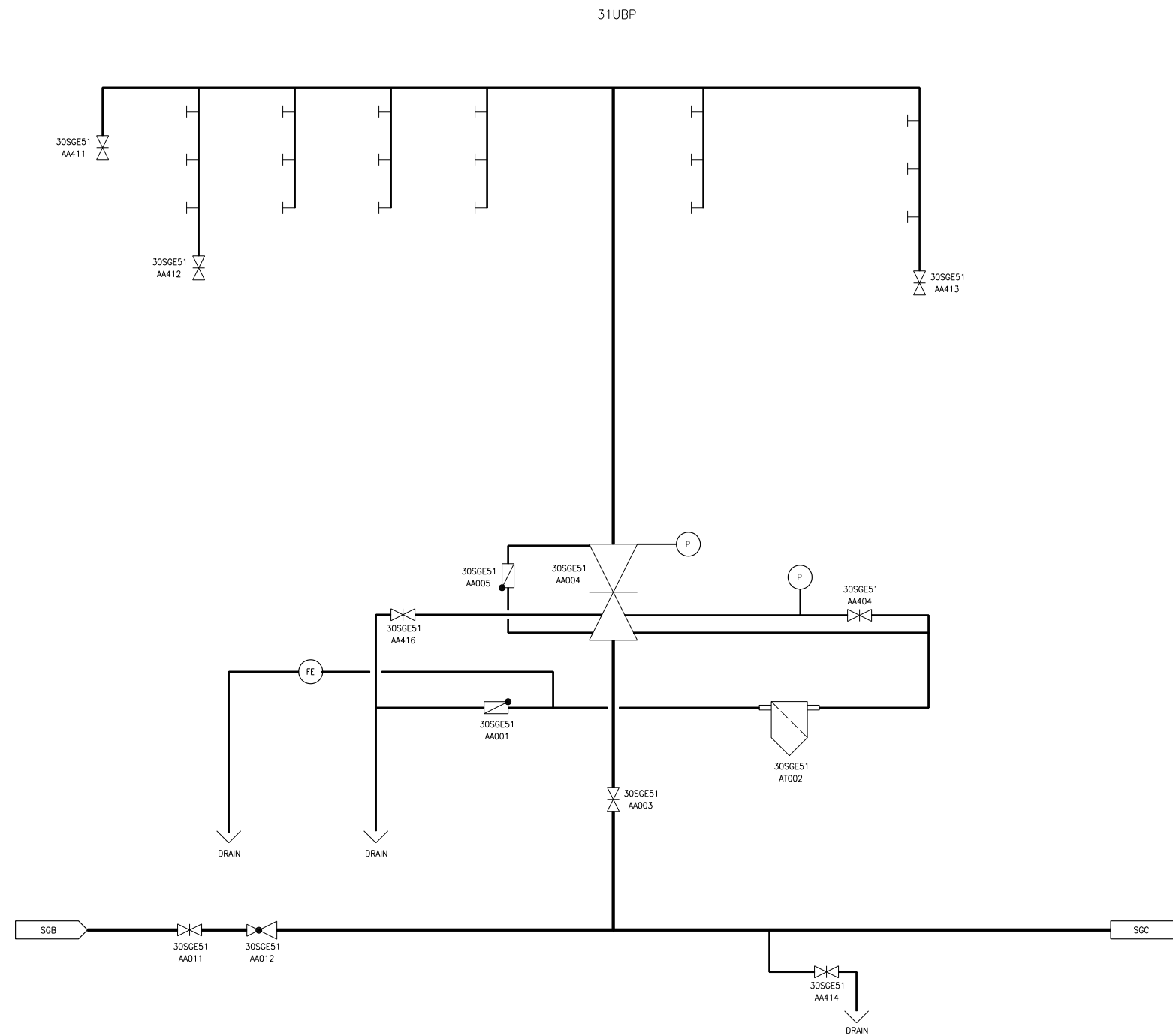
SGC - SPRAY DELUGE SYSTEM
SGE - SPRINKLER SYSTEMS
31UBP - EMERGENCY DIESEL GENERATING BUILDING, DIVISION 1

NOTE:
SPRAY DELUGE DIVISION 1 SHOWN, REPRESENTATIVE OF DIVISIONS 2, 3 AND 4.

B	D	175	122.4	NSC
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

SGC02T2

Figure 9.5.1-3—Sprinkler Systems Layout



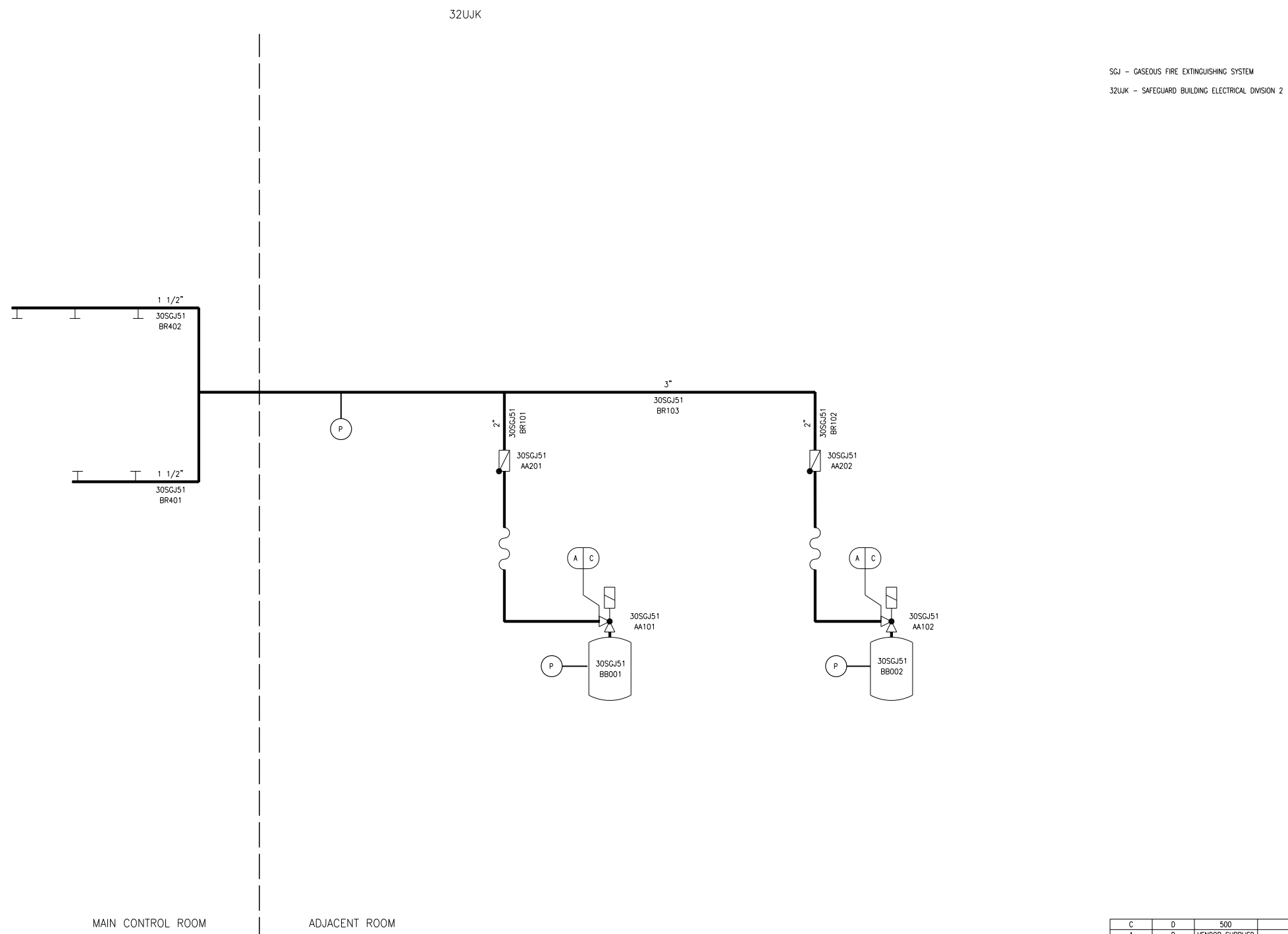
SGB - FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND
 SGC - SPRAY DELUGE SYSTEMS
 SGE - SPRINKLER SYSTEMS
 31UBP - EMERGENCY DIESEL GENERATING BUILDING, DIVISION 1

NOTE:
 SPRINKLER DIVISION 1 SHOWN, IS REPRESENTATIVE OF DIVISIONS 2, 3 AND 4.

B	D	175	122.4	NSC
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE °F	SSC SEISMIC CLASS

SGE01T2

Figure 9.5.1-4—Gaseous Fire Extinguishing Systems Layout



SGJ01T2