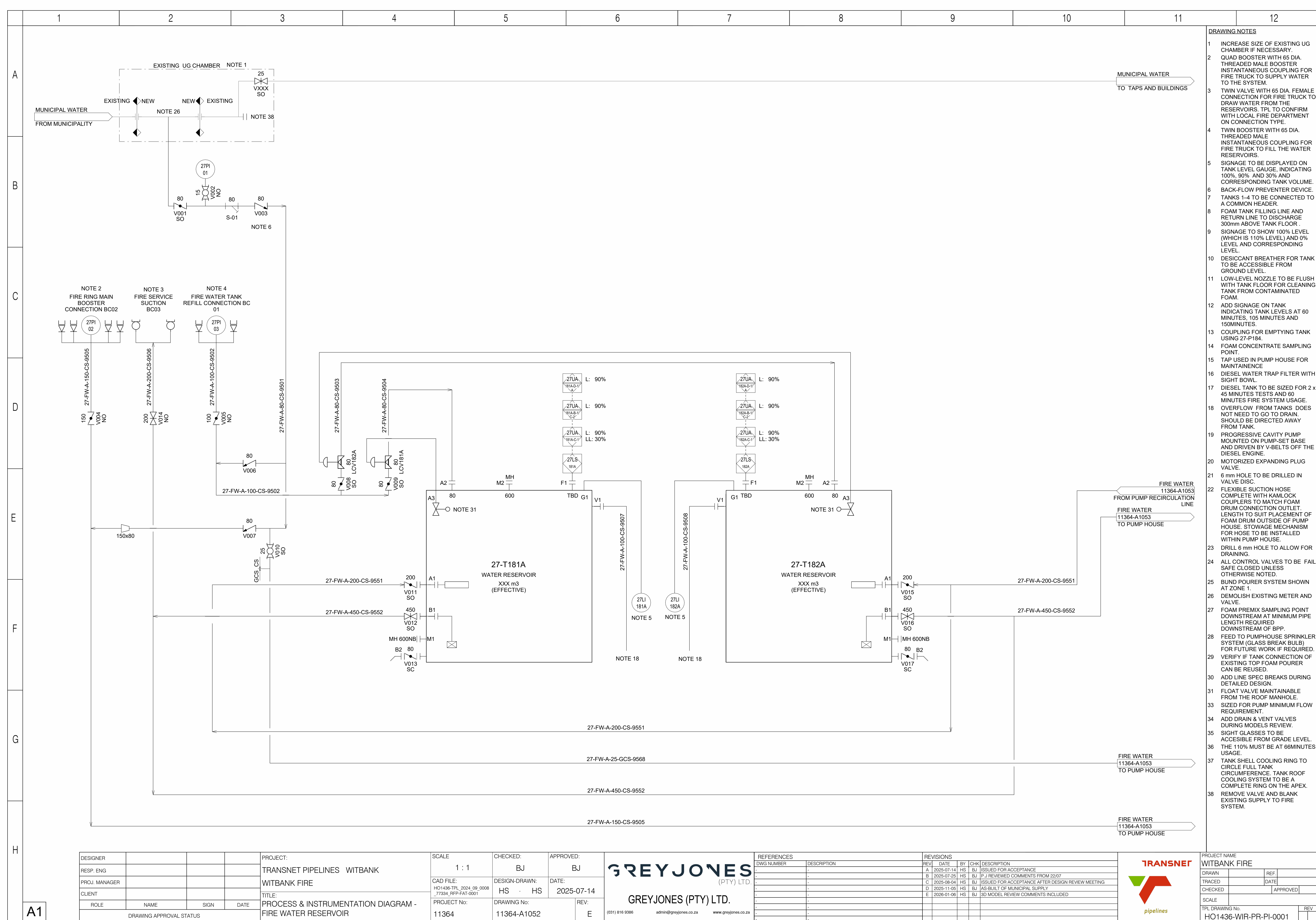
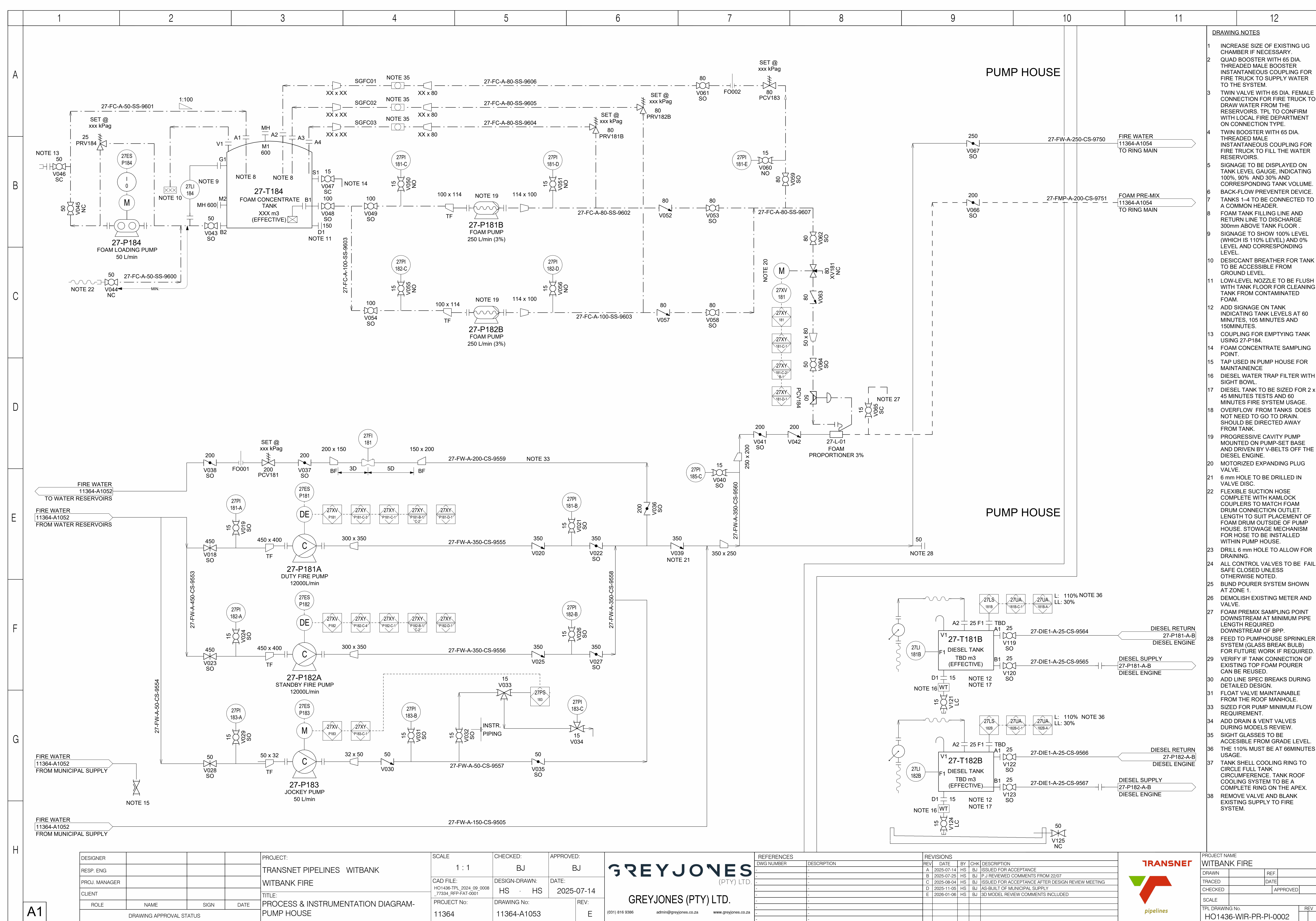
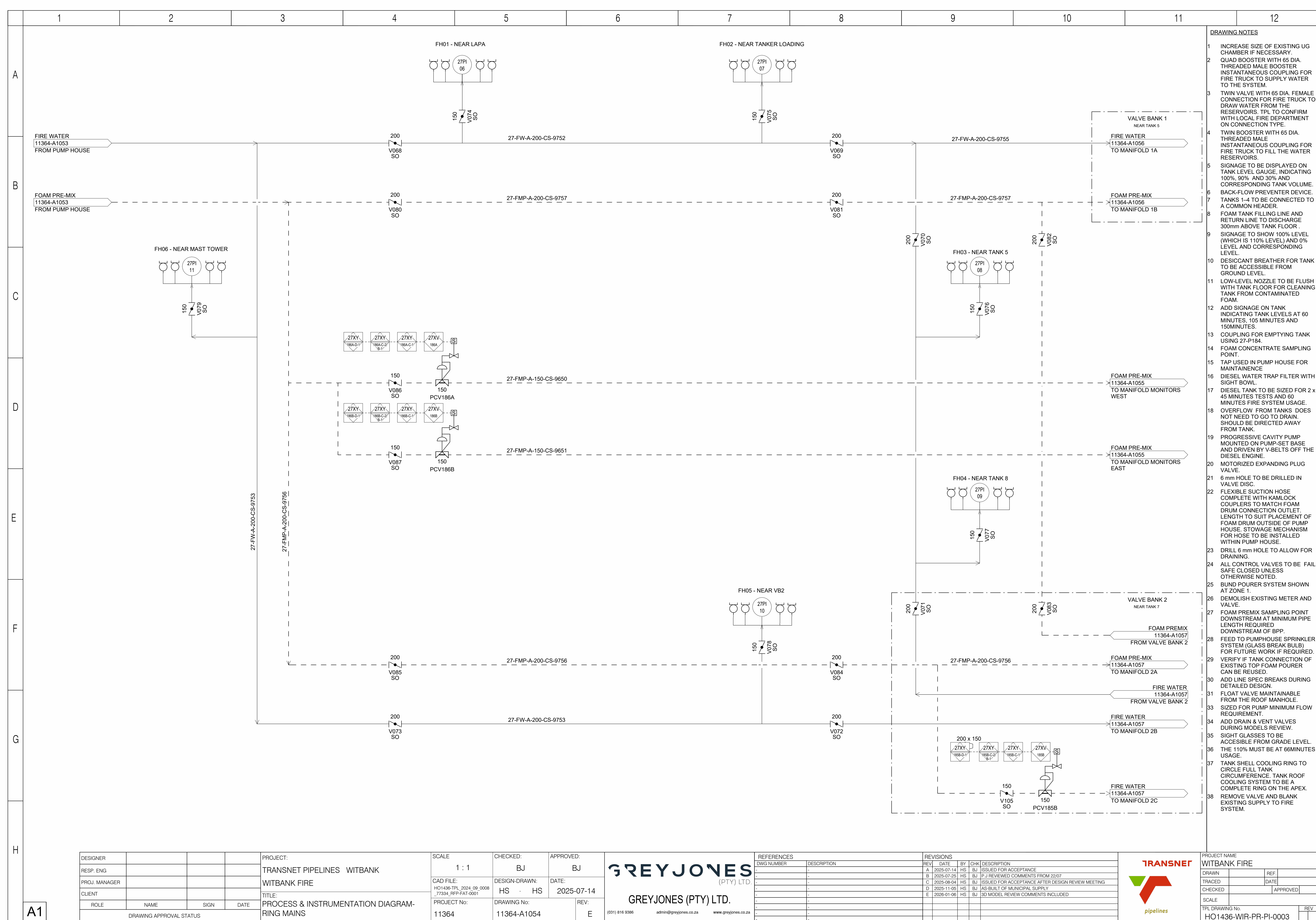
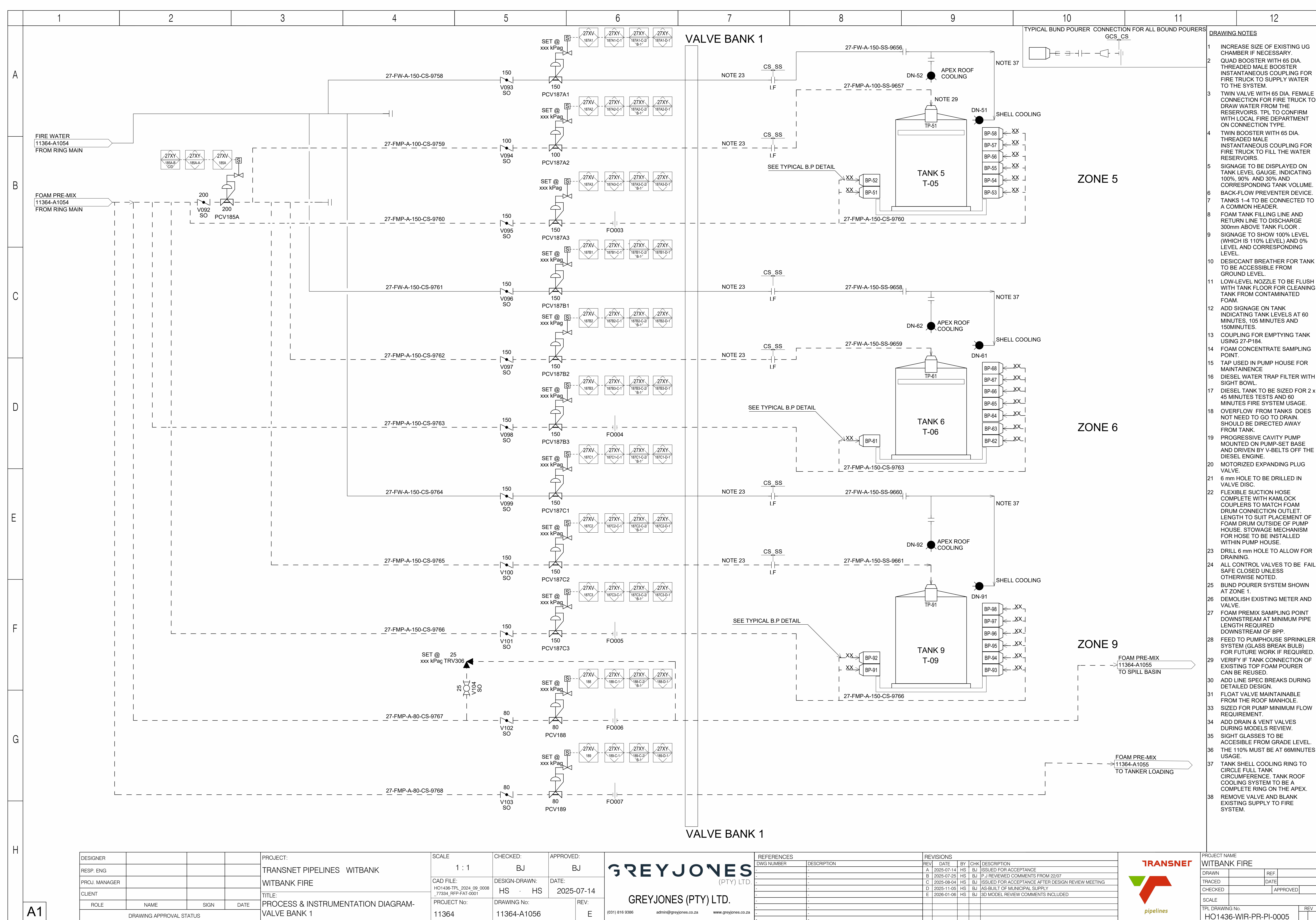
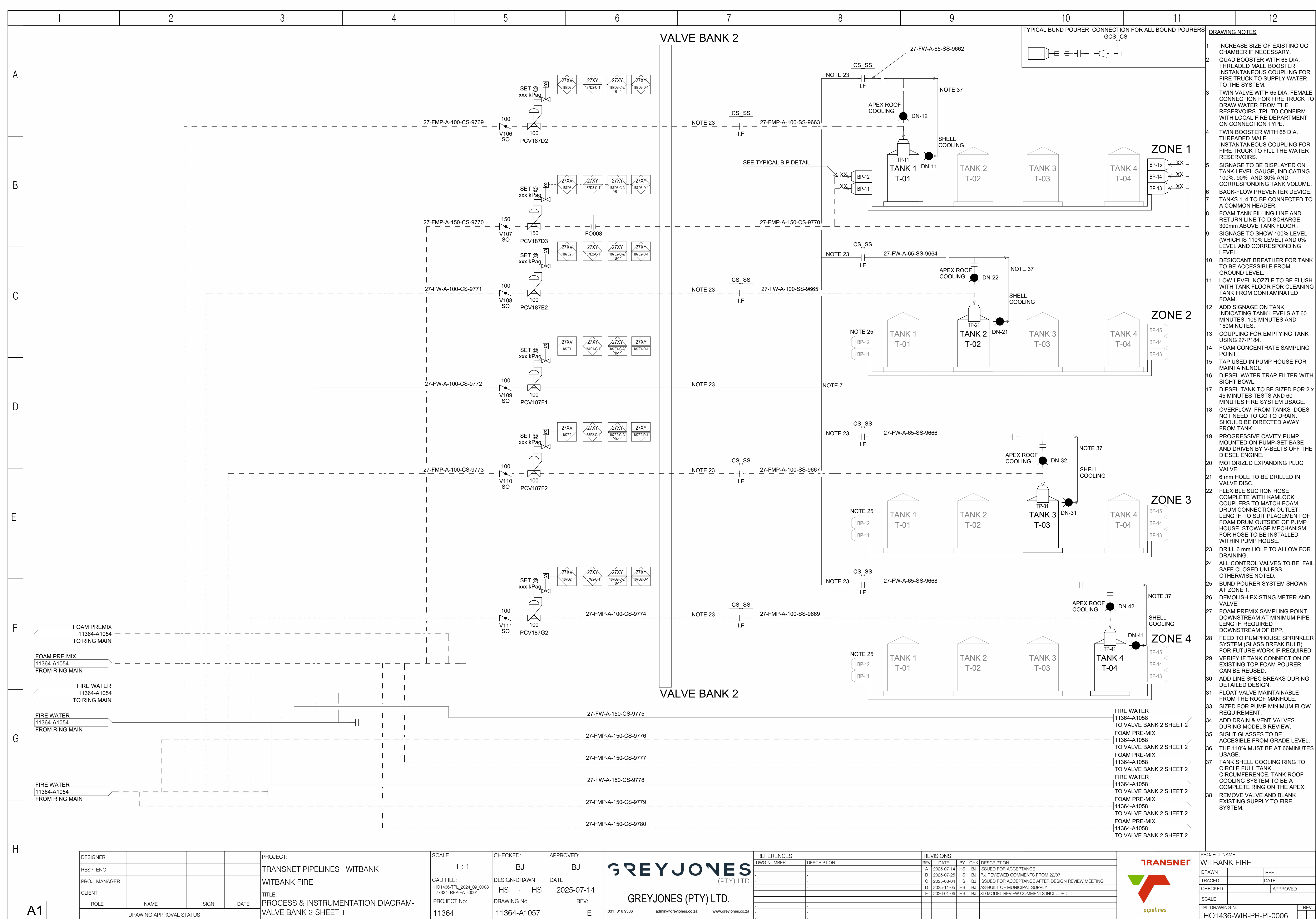


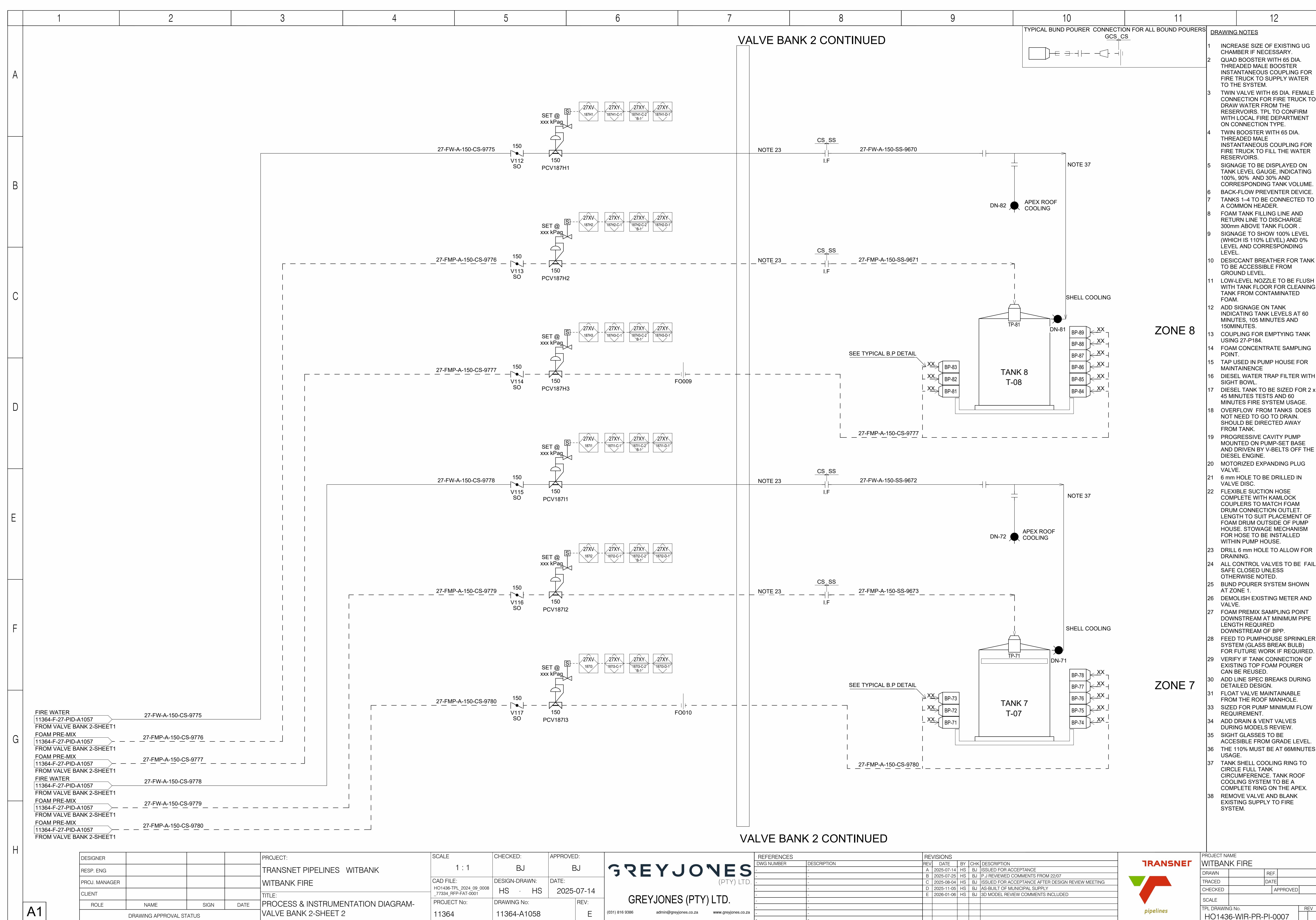












	1	2	3	4	5	6	7	8	9	10	11	12																						
A	VALVE POSITION		EQUIPMENT TAG LOCATION		CONTROL SYSTEM FUNCTION		LINE TYPE LEGEND		EQUIPMENT SYMBOLOGY		VALVE & PIPING SYMBOLOGY																							
	LC	LOCKED CLOSED	A	PROCESS CONTROL SYSTEM		FIELD LOCATION DIGITAL		FIRE WATER (FW)		HAND PUMP		THREADED / FLANGED BALL VALVE		BLIND FLANGE																				
B	LO	LOCKED OPEN	B	CONTROL ROOM		PRIMARY LOCATION DIGITAL		FOAM CONCENTRATE (FC)		ELECTRIC MOTOR		BUTTERFLY VALVE		FLANGE SET / INSULATING FLANGE																				
	NC	NORMALLY CLOSED	C	FIRE PUMP HOUSE				FOAM PREMIX (FMP)		DIESEL ENGINE		THREADED / FLANGED NEEDLE VALVE		NOZZLE																				
	NO	NORMALLY OPEN	D	GUARD HOUSE				DIESEL (DIE1)		GEAR PUMP		NON-RETURN VALVE		MANHOLE																				
C	SC	SEAL CLOSED	E	SPILL BASIN		AUXILIARY LOCATION DIGITAL		INSTRUMENTATION		PROGRESSIVE CAVITY PUMP		GATE VALVE		ORIFICE																				
	SO	SEAL OPEN	F	HAND STATION			PIPING IDENTIFIER			CENTRIFUGAL PUMP		BALL FLOAT VALVE		VORTEX BREAKER																				
	TANK NOZZLE IDENTIFICATION		G	ROAD LOADING						FLOATING BLANKET		PRESSURE RELIEF VALVE		DISPERSION NOZZLE																				
D	A	PROCESS INLETS	INSTRUMENT TAG AREA		INSTRUMENT FUNCTION		<table><tr><td>2708</td><td>DEPOT WITBANK HOWICK</td><td>AREA</td></tr><tr><td>FWFCFMPDIE1</td><td>FIRE WATER FOAM CONCENTRATE FOAM PREMIX DIESEL</td><td></td></tr><tr><td>AHFE</td><td>150LB CLASS 16 HDPE</td><td></td></tr><tr><td>CSGSPESS</td><td>CARBON STEEL GALVANIZED CS HDPE STAINLESS STEEL</td><td>MATERIAL</td></tr><tr><td>9500-9999</td><td>FIRE SYSTEM</td><td>NUMBER</td></tr><tr><td>9500-9549 9550-9649 9650-9749 9750-9849</td><td>TANK SUPPLY PUMP HOUSE ZONE PIPPING RING MAIN</td><td>NUMBER GROUPS</td></tr></table>	2708	DEPOT WITBANK HOWICK	AREA	FWFCFMPDIE1	FIRE WATER FOAM CONCENTRATE FOAM PREMIX DIESEL		AHFE	150LB CLASS 16 HDPE		CSGSPESS	CARBON STEEL GALVANIZED CS HDPE STAINLESS STEEL	MATERIAL	9500-9999	FIRE SYSTEM	NUMBER	9500-9549 9550-9649 9650-9749 9750-9849	TANK SUPPLY PUMP HOUSE ZONE PIPPING RING MAIN	NUMBER GROUPS	GENERAL FUNCTION	FIRE SYSTEM SYMBOLOGY			FIRE HYDRANT		THREADED / FLANGED 3 WAY VALVE		SPEC BREAK
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B	PROCESS OUTLETS		FIELD LOCATION ANALOG				FOAM HYDRANT		PRESSURE SUSTAINING VALVE		FLOW DIRECTION																							
D	DRAIN NOZZLES					180	TEMPORARY		BOOSTER		PRESSURE VACUUM VENT		FLEXIBLE HOSE																					
E	G	LEVEL GAUGE NOZZLES				181	DUTY FIRE PUMP	INTERLOCKING					BREAK GLASS UNIT		EXPANDING PLUG VALVE		GOOSE NECK																	
	E	HANDHOLE NOZZLES				182	STANDBY FIRE PUMP						DIFFERENTIAL PRESSURE FLOW METER		CONCENTRIC REDUCER		WATER TRAP																	
	F	LEVEL INSTRUMENT NOZZLES				183	JOCKEY PUMP						FOAM POURER		ECCENTRIC REDUCER BOTTOM/TOP FLAT		SLOPE																	
F	M	MANWAY NOZZLES				184	FOAM LOADING PUMP	EQUIPMENT TAG TYPE					TANK DRENCHING NOZZLE		BALANCE PRESSURE PROPORTIONER		BREATHER																	
	P	PRESSURE INSTRUMENT NOZZLES				185	MAINLINE PUMP HOUSE						OSCILLATING MONITOR		SIGHT GLASS		HOSE COUPLING																	
	S	SAMPLE OR ANALYSER NOZZLES				186	MANIFOLD						FIXED MONITOR		DIAPHRAGAM VALVE		END CAP																	
G	T	TEMPERATURE INSTRUMENT NOZZLES				187	TANK FARM	EQUIPMENT NUMBER					PRESSURE REGULATING SOLENOID OPERATED CONTROL VALVE		GLOBE VALVE		SOCKET AND PLUG																	
	V	VENT NOZZLES				188	SPILL BASIN						ON/OFF SOLENOID OPERATED CONTROL VALVE		BATTERY LIMIT																			
	W	RELIEVE VALVE NOZZLES				189	ROAD LOADING																											
H	DRAWING APPROVAL STATUS		EQUIPMENT TAG TYPE		INTERLOCKING		FIRE SYSTEM SYMBOLOGY		FIRE SYSTEM SYMBOLOGY		FIRE SYSTEM SYMBOLOGY																							
A1	DESIGNER		PROJECT:		SCALE		CHECKED:		APPROVED:		REFERENCES																							
A1	RESP. ENG		TRANSNET PIPELINES WITBANK		1 : 1		BJ		BJ		REVISIONS																							
A1	PROJ. MANAGER		WITBANK FIRE		CAD FILE:		DESIGN-DRAWN:		DATE:		DESCRIPTION																							
A1	CLIENT		TITLE:		PROJECT No:		DRAWING No:		REV:		BY																							
A1	ROLE		NAME		SIGN		DATE		DATE		DATE																							
A1	DRAWING APPROVAL STATUS		PROCESS & INSTRUMENTATION DIAGRAM-LEGEND		11364		11364-A1059		E		GREYJONES (PTY) LTD.																							
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