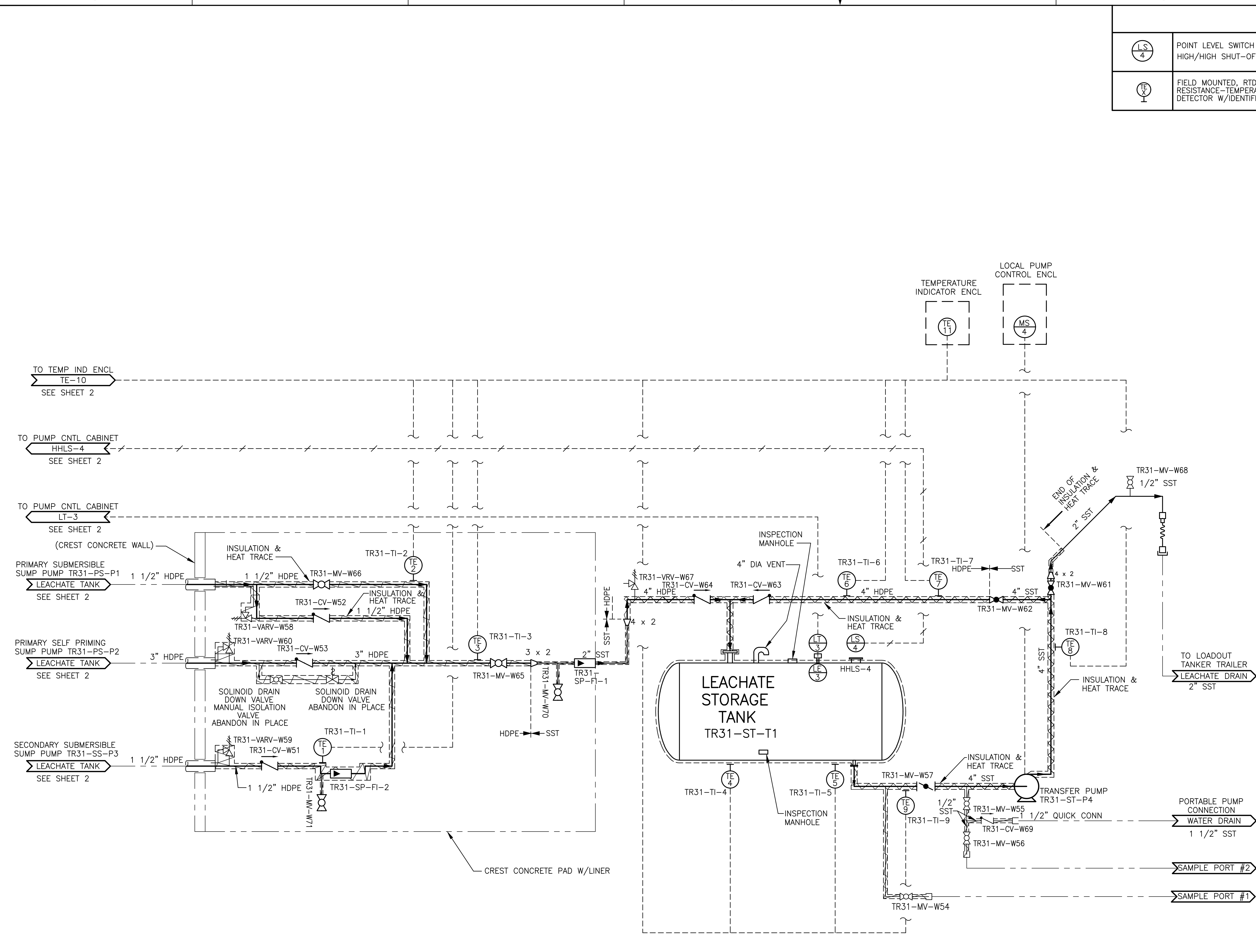


SYMBOL LEGEND			
	POINT LEVEL SWITCH HIGH/HIGH SHUT-OFF		CHECK VALVE
	FIELD MOUNTED, RTD (ELEMENT) RESISTANCE-TEMPERATURE DETECTOR W/IDENTIFICATION #		GLOBE VALVE
	BALL VALVE		ANGLE SAFETY VALVE
	BUTTERFLY VALVE		INLINE SAFETY VALVE
	REDUCER		DISCRETE SIGNAL
	INTERLOCK		ANALOG SIGNAL
	LOCAL MOUNTED, SHARED DISPLAY MOTOR STARTER W/IDENTIFICATION NUMBER		FLOAT SWITCH HIGH
	LEVEL INDICATOR CONTROLLER		FLOAT SWITCH LOW
	LOCAL MOUNTED, DISCRETE LEVEL ELEMENT/ LEVEL TRANSMITTER W/IDENTIFICATION NUMBER		SUMP PUMP
	BRAIDED CAM/ GROOVE HOSE W/COUPLER & CAP (CAP OPTIONAL)		

- INTERLOCK**
- I-1 LOW FLOAT SWITCH DEACTIVATES PUMP PS-P2 WHEN LEVEL REACHES 6" HIGH FLOAT SWITCH ACTIVATES PUMP WHEN LEVEL REACHES 30" IN RISER
 - I-2 LEVEL TRANSDUCER DEACTIVATES PUMP PS-P1 WHEN LEVEL REACHES 6" LEVEL TRANSDUCER ACTIVATES PUMP WHEN LEVEL REACHES 12" IN PRIMARY SUMP
 - I-3 LEVEL TRANSDUCER DEACTIVATES PUMP SS-P3 WHEN LEVEL REACHES 6" LEVEL TRANSDUCER ACTIVATES PUMP WHEN LEVEL REACHES 12" IN SECONDARY SUMP
 - I-4 LEVEL INDICATOR DEACTIVATES PUMPS PS-P1, PS-P2 & SS-P3 ON HIGH LEVEL (12"-14" FROM TOP) STORAGE TANK HHLS-4 DEACTIVATES PUMP WHEN LEVEL IS 10"-12" FROM TOP OF STORAGE TANK AND ILLUMINATES ROOF BEACON. PUMP FAILURE OF PS-P1, PS-P2 AND SS-P3 ACTIVATES ROOF BEACON.



**218-W-5 TRENCH 31
PIPING & INSTRUMENTATION DIAGRAM**

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DATE:
Jan 19, 2021

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	SCALE SHOWN	REV 9

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DRAWING TRACEABILITY LIST			REFERENCES		
NEXT USED ON			END ITEM		
			REVISIONS		