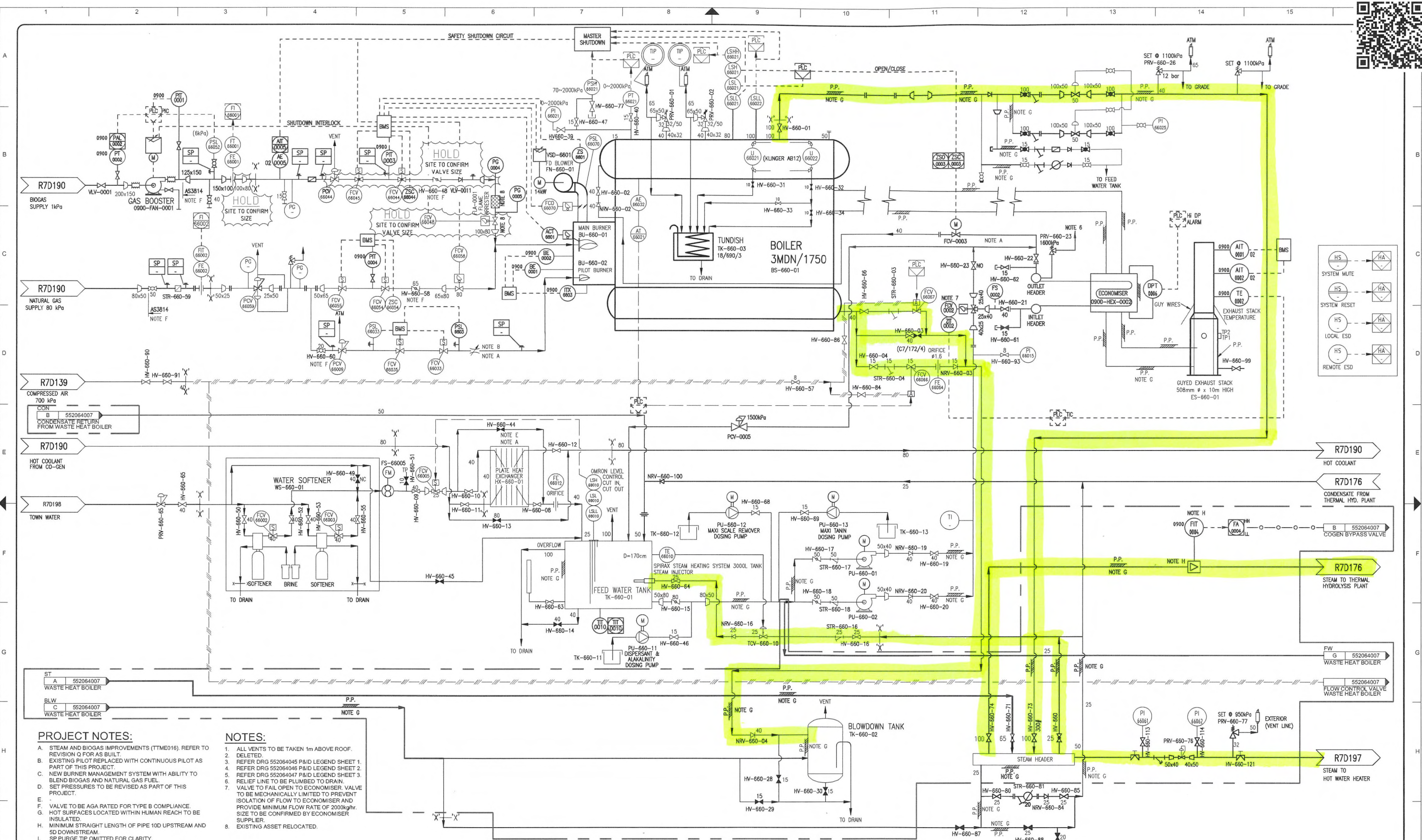


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PROJECT NOTES:

- STEAM AND BIOGAS IMPROVEMENTS (TTME016). REFER TO REVISION Q FOR AS BUILT.
- EXISTING PILOT REPLACED WITH CONTINUOUS PILOT AS PART OF THIS PROJECT.
- NEW BURNER MANAGEMENT SYSTEM WITH ABILITY TO BLEND BIOGAS AND NATURAL GAS FUEL.
- SET PRESSURES TO BE REVISED AS PART OF THIS PROJECT.
- VALVE TO BE AGA RATED FOR TYPE B COMPLIANCE.
- HOT SURFACES LOCATED WITHIN HUMAN REACH TO BE INSULATED.
- MINIMUM STRAIGHT LENGTH OF PIPE 10D UPSTREAM AND 5D DOWNSTREAM.
- SP PURGE TIP OMITTED FOR CLARITY.
- RED ITEMS SHOWN - NEW PROJECT SCOPE - EQUIPMENT, PIPING AND INSTRUMENTATION.

NOTES:

- ALL VENTS TO BE TAKEN 1m ABOVE ROOF.
- DELETED.
- REFER DRG 552064045 P&ID LEGEND SHEET 1.
- REFER DRG 552064046 P&ID LEGEND SHEET 2.
- REFER DRG 552064047 P&ID LEGEND SHEET 3.
- RELIEF LINE TO BE PLUMBED TO DRAIN.
- VALVE TO FAIL OPEN TO ECONOMISER. VALVE TO BE MECHANICALLY LIMITED TO PREVENT ISOLATION OF FLOW TO ECONOMISER AND PROVIDE MINIMUM FLOW RATE OF 2000kg/hr. SIZE TO BE CONFIRMED BY ECONOMISER SUPPLIER.
- EXISTING ASSET RELOCATED.

ENGINEERING CERTIFICATION NOTE
1 RPEQ ENGINEER SIGNOFF LIMITED TO THE HIGHLIGHTED SCOPE OF WORKS.

AMENDMENTS						AS CONSTRUCTED CERTIFICATION FOR DRAWING REVISION		ENGINEERING CERTIFICATION				DESIGN DRAFTING				PROJECT TEAM		ASSET/PROJECT		DRAWING TITLE		SHEET OF	
							I CERTIFY THAT THE AS CONSTRUCTED DETAILS SHOWN ON THIS PLAN ARE A TRUE AND ACCURATE RECORD OF THE WORKS.	A. CONNELL*	20448	PROCESS	29.01.21	A.TILKE	29.01.21	 Fulton Hogan	ST022 OXLEY CREEK STP PROCESS		MAIN BOILER						
								SIGNATURE	RPEQ No.	DISCIPLINE	DATE	DRAFTED BY	DATE	 SMC	0900 ENERGY RECOVERY		THERMAL HYDROLYSIS BOILER						
								S.BAYAN*	20109	MECHANICAL	29.01.21	A.CONNELL	29.01.21	 UrbanUtilities	STEAM & BIOGAS IMPROVEMENTS		PIPING & INSTRUMENTATION						
								SIGNATURE	RPEQ No.	DISCIPLINE	DATE	DESIGNED BY	DATE					DIAGRAM					
0	29.01.21	ISSUED FOR CONSTRUCTION				AC	1 AC	20448		SMEC		UU CIP CODE TTM016				DRAWING STATUS		URBAN UTILITIES DRAWING No.		REV.			
REV.	DATE	DESCRIPTION				DESIGNER SIGNED	RPEQ SIGNED	RPEQ NO.		COMPANY NAME		NAME RPEQ No.		UU FILE REFERENCE P19/134									
														UU CONTRACT No. N/A									
								S.BAYAN* 29.01.21				DESIGN MANAGER'S SIGNATURE DATE											
								N.SULLIVAN* 29.01.21				PRINCIPAL CONTRACTOR'S SIGNATURE DATE											
								COMPANY NAME															