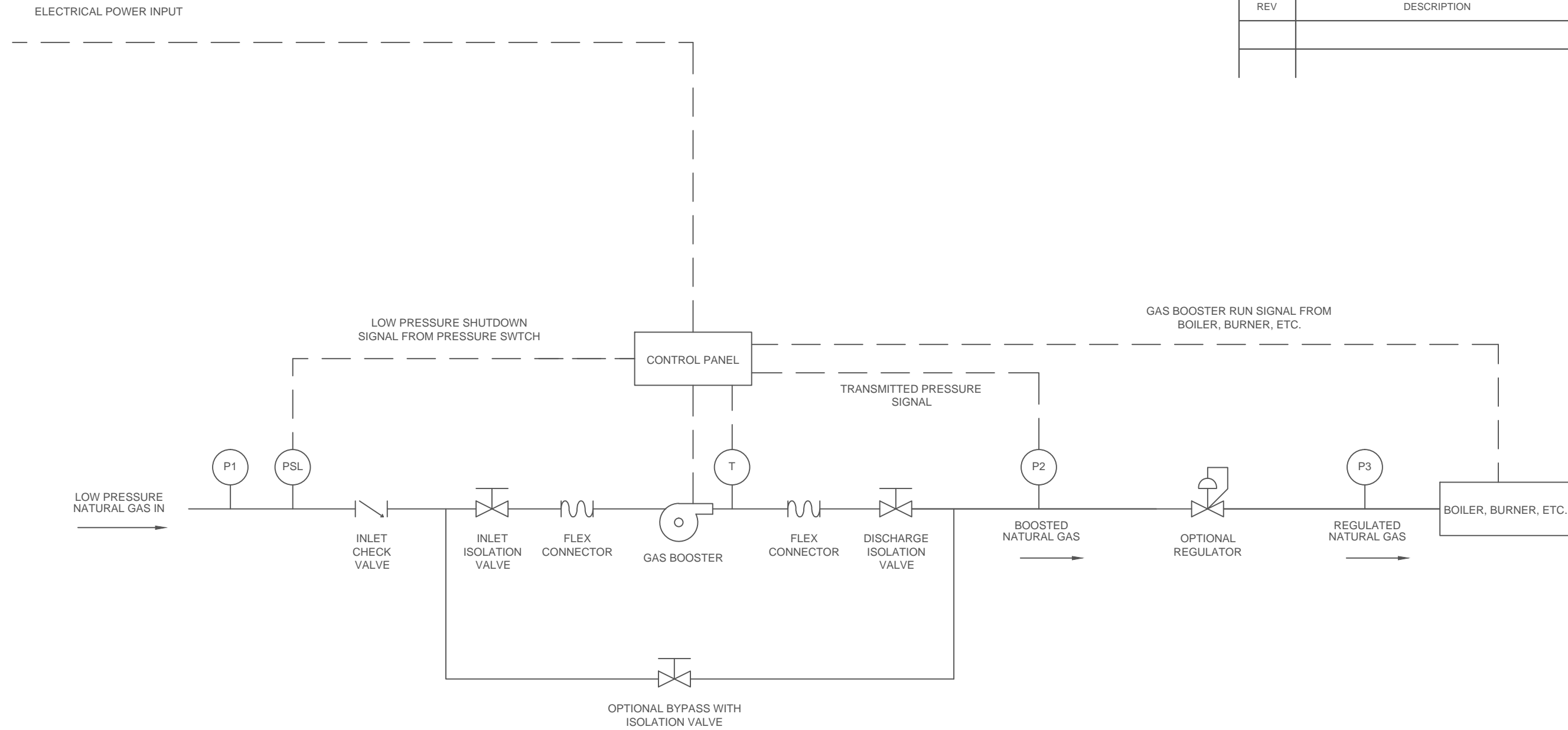


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



**NOTES**

- SOLID LINES INDICATE NATURAL GAS PIPING. DASHED LINES INDICATE ELECTRICAL WIRING.
- DIAGRAM DEMONSTRATES TYPICAL SETUP FOR GAS BOOSTER FEEDING A BOILER, BURNER, ETC.
- P1 INDICATES INCOMING PRESSURE GAUGE, P2 INDICATES BOOSTED PRESSURE GAUGE, P3 INDICATES REGULATED PRESSURE. FOR SYSTEMS UTILIZING PID CONTROL, P2 IS A PRESSURE TRANSMITTER. PID CONTROLLER OPTION IN CONTROL PANEL REQUIRED TO RECEIVE PRESSURE TRANSMITTER SIGNAL.
- PSL INDICATES LOW PRESSURE SHUTDOWN SWITCH.
- T INDICATES THERMOCOUPLE TO SENSE GAS BOOSTER TEMPERATURE AND SHUTDOWN SYSTEM UPON HIGH TEMPERATURE CONDITION. THERMOCOUPLE CONTROLLER OPTION IN CONTROL PANEL REQUIRED TO RECEIVE THERMOCOUPLE SIGNAL.
- RUN SIGNAL FROM BOILER, BURNER ETC. ALLOWS GAS BOOSTER TO RUN ONLY WHEN BOOSTED GAS IS REQUIRED.
- ISOLATION VALVES MAY BE PLUG VALVES OR BUTTERFLY VALVES DEPENDING ON INSTALLATION.
- SOME SYSTEMS MAY HAVE MULTIPLE REGULATORS DOWNSTREAM OF THE GAS BOOST SYSTEM DEPENDING ON QUANTITY AND VARIOUS PRESSURE REQUIREMENTS OF EQUIPMENT BEING SUPPLIED.

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TOLERANCES		action blower & equipment, inc.		
		TITLE P&ID, Gas Boost System		
DRAWN BY	RMH	SIZE	DWG NO	REV
CHECKED BY	RMH	<b>B</b>	Gas Booster System PID.dwg	<b>0</b>
APPROVED BY	RMH	SHEET 1 of 1		SCALE N/A
DATE	10/29/2015			