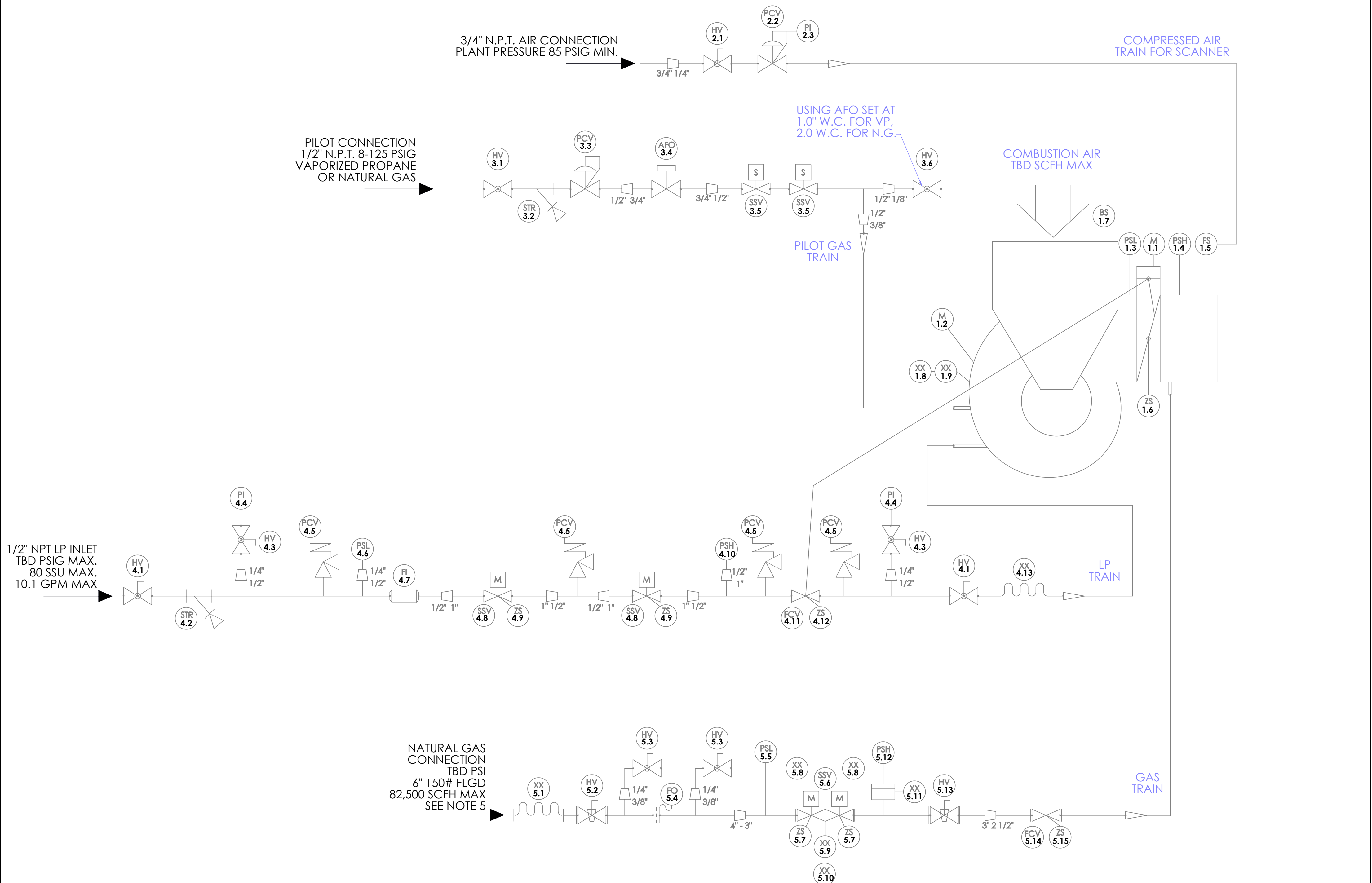


	1	2	3	4	5
	ITEM #	DEVICE	PART #	DESCRIPTION	QTY
K	1			MAIN BODY	1
	1.1	M	001001	CONTROL MOTOR, ACTUATOR BARBER COLMAN EA57-00370-000-0	1
	1.2	M	082629	MOTOR 60HP, 3600, 364TS, TEFC PREMIUM	1
	1.3	PSL	075699	LOW PRESSURE SWITCH UE J400-443	1
	1.4	PSH	075699	HIGH PRESSURE SWITCH UE J400-443	1
J	1.5	FS	103953	SCANNER FLAME SELF-CHECKING FIREYE 45UV5-1009	1
	1.6	ZS	005788	SIEMENS 3SE03-AR1/EATON E50SA SINGLE POLE	1
	1.7	BS	FT0001952A01	SILENCER ASSEMBLY	1
	1.8	XX	071195	IGNITION TRANSFORMER 120V/60Hz 6000V DONGAN A06-SA6X-C-1	1
	1.9	XX	075050	IGNITOR AUBURN I-144	1
H	2			COMPRESSED AIR TRAIN FOR SCANNER	1
	2.1	HV	002588	VALVE BALL 1/4 NPT 100# SMITH BRONZE BODIED	1
	2.2	PCV	081166	REGULATOR WITH PRESSURE GAUGE 1/4" NPT 3-30 psig SMC AR20-N02-1Z	1
	2.3	PI	W(081166)	INTEGRAL PRESSURE GAUGE OF 081166, 0-60 PSIG	1
	3			PILOT GAS TRAIN	1
G	3.1	HV	078909	VALVE BALL 1/2" NPT W/ LOCK RUB S9241	1
	3.2	STR	071187	STRAINER 1/2" NPT. 20 MESH	1
	3.3	PCV	074187	REGULATOR 1/2" NPT 1-2.2 PSIG FISHER R622 LIGHT BLUE SPRING	1
	3.4	AFO	082363	VALVE GAS LIMITING 3/4" FIVES NORTH AMERICAN 1807-0	1
	3.5	SSV	081185	SAFETY SHUTOFF VALVE 1/2" NC 110-120V/50-60Hz ASCO 8215G020	2
F	3.6	HV	076471	VALVE BALL 1/4" NPT APOLLO 80-101-01	1
	4			LP TRAIN	1
	4.1	HV	078909	VALVE BALL 1/2" NPT W/ LOCK RUB S9241	2
	4.2	STR	071187	STRAINER 1/2" NPT. 20 MESH	1
	4.3	HV	076471	VALVE BALL 1/4" NPT APOLLO 80-101-01	2
E	4.4	PI	044256	PRESSURE GAUGE 1/4" NPT 0-300 PSIG	2
	4.5	PCV	075316	VALVE RELIEF 1/2" NPT FISHER H144 HYDROSTATIC	4
	4.6	PSL	081505	LOW FUEL PRESSURE SWITCH (RANGE 9-300 PSI) UE H100 15733	1
	4.7	FI	076221	FLOW INDICATOR 1/2" NPT 1.4-14 GPM LP	1
	4.8	SSV	084342	SAFETY SHUTOFF VALVE CO-AX 1" FNPT, FOR LP, 120V/40-60Hz	2
D	4.9	ZS	W(084342)	PROOF OF CLOSURE SWITCH INTEGRAL TO 084342	2
	4.10	PSH	081505	HIGH FUEL PRESSURE SWITCH RANGE (9-300 PSI)	1
	4.11	FCV	078559	MOD. VALVE 1/2" NPT FOR LP	1
	4.12	ZS	005788	SIEMENS 3SE03-AR1/EATON E50SA SINGLE POLE	1
	4.13	XX	073981	HOSE FLEX METAL 1/2X12 MNPT	1
C	5			GAS TRAIN	1
	5.1	XX	070037	HOSE FLEX METAL 4X36 FLG	1
	5.2	HV	075461	VALVE PLUG 4" RESUN R1431	1
	5.3	HV	076471	VALVE BALL 1/4" NPT APOLLO 80-101-01	2
	5.4	FO	FT0000060P05	FLOW ORIFICE PLATE 4-150-2.5	1
B	5.5	PSL	075700	LOW FUEL PRESSURE SWITCH (RANGE 0-30 PSI) UE J400-454	1
	5.6	SSV	075708	SAFETY SHUTOFF VALVE 3" VGD40.080U GAS SIEMENS W/TWO SKP15.011U1 ACTUATORS	1
	5.7	ZS	W(075708)	PROOF OF CLOSURE SWITCH INTEGRAL TO SSV	2
	5.8	XX	084339	SIEMENS SKP ACTUATOR HEATER 120V	2
	5.9	XX	104254	CABLE HEAT TRACE 10 WATT/FT 120V	1
A	5.10	XX	103957	SWITCH CONTROL TEMP ATEMNC 120VAC 15A & 250VAC 10A	1
	5.11	XX	096061	PRESSURE SNUBBER	1
	5.12	PSH	075700	HIGH FUEL PRESSURE SWITCH (RANGE 0-30 PSI) UE J400-454	1
	5.13	HV	006994	VALVE RESUN D-126 3" 2-WAY FULL PORT 200 LB WOG 150# FLG	1
	5.14	FCV	099316	VALVE BUTTERFLY 3" VKF41. 80C	1
	5.15	ZS	005788	SIEMENS 3SE03-AR1/EATON E50SA SINGLE POLE	1



NOTE:

1. ALL CONTROL WIRING IS TERMINATED IN THE BURNER JUNCTION BOX.
2. BUILT TO THE PREVISIONS OF NFPA-86
3. PLANT VOLTAGE - 480V/60Hz/3PH
4. CONTROL VOLTAGE - 120V/60Hz
5. OVERPRESSURE PROTECTION MUST BE PROVIDED. CONSULT LOCAL GAS PROVIDER FOR MORE INFORMATION.

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H:\FT\BURNER MODELS\P&ID\MAIN ASSEMBLIES\

NO	REVISION		APPR	BY	DATE
		ASTEC, INC. P.O. BOX 72787 * 4101 JEROME AVENUE * CHATTANOOGA, TN 37407			
RELEASE INFORMATION					
GUIDON HOLDINGS					
PART NAME:		P&ID BURNER			
MACHINE		WJ-40U-G-LP-HA-SFF-S			
DWN:		ALG	CHKD:	APPR:	
DATE:	SHEET:	SCALE:	DWG NO:	REV:	
6/21/2019	1 OF 1	1:0.95	NO-112	P&ID 00	