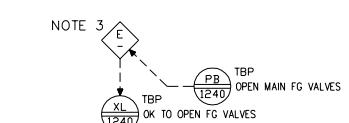
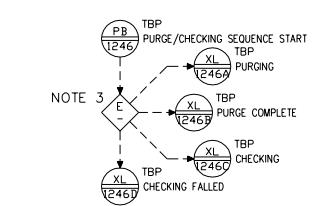
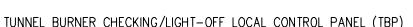
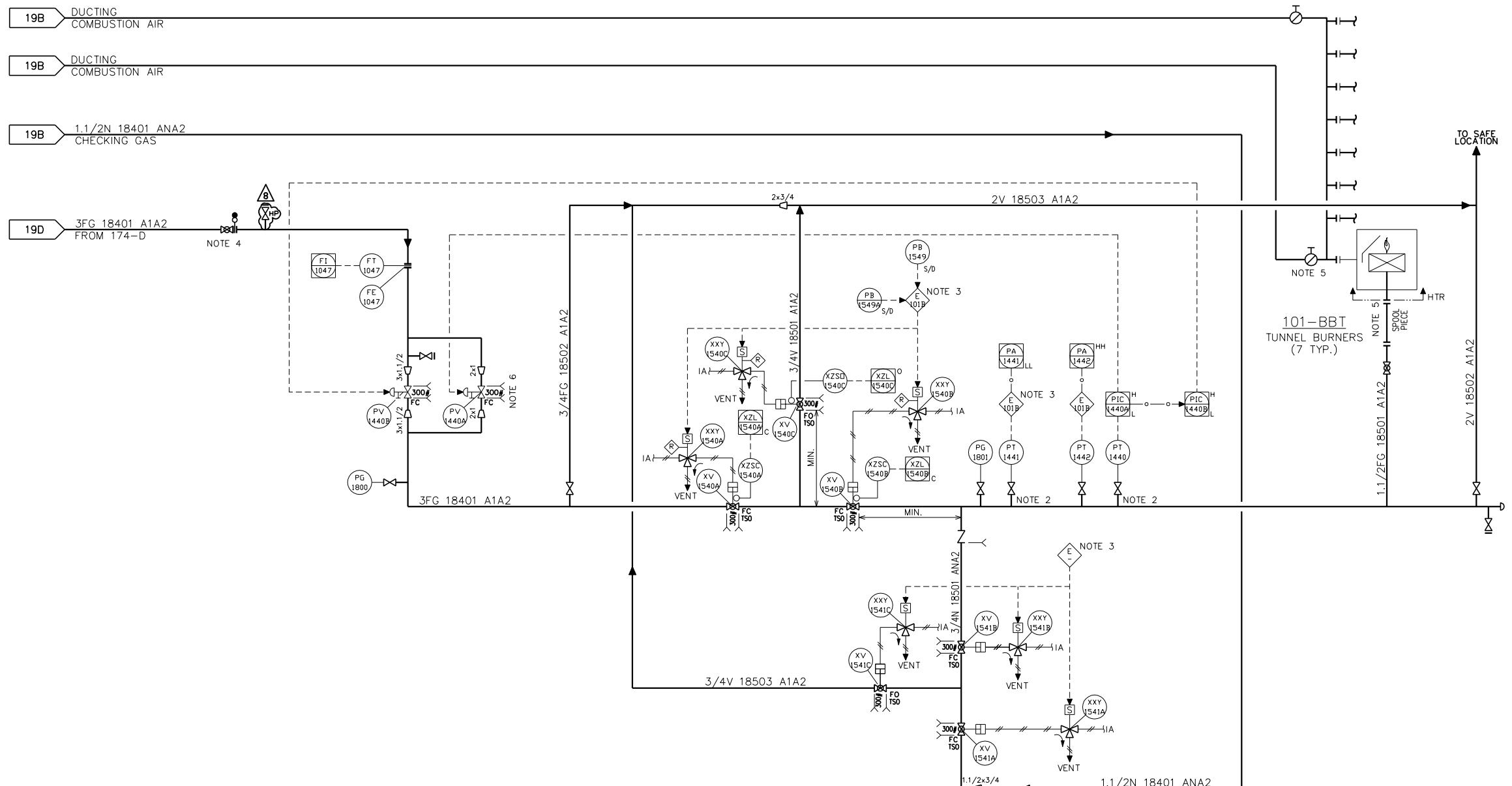


101-BBT TUNNEL BURNERS		
DES./OPER.TEMP.	°C	345/-
DES./OPER.PRESS.	kg/cm <sup>2</sup> G	-
MATERIAL		-
BURNER NO.		7
HEAT DUTY/BURNER	GCAL/h	1.6

- NOTES**

  1. FOR GENERAL NOTES AND SYMBOLS SEE DRAWING 4A, 4B.
  2. LOCATE PRESSURE TRANSMITTER PROCESS CONNECTIONS ON MANIFOLD CLOSE TO BURNERS.
  3. REFER TO WRITE-UP BY CONTROL SYSTEMS ENGINEERING FOR INTERLOCK DESCRIPTION.
  4. DENOTES ISOLATION VALVE TO BE LOCATED AT GRADE A MINIMUM OF 15M FROM FURNACE AND GROUPED.
  5. TOTAL OF 7 LINES EACH AND 7 BURNERS FOR TUNNEL.
  6. PV-1440A IS SET TO MAINTAIN MINIMUM FIRE.



	RE-ISSUED FOR CONSTRUCTION (AFC-3)	TS	ABA	DU	HCR	ANS	HK	US	GL	14/11
H	RE-ISSUED FOR CONSTRUCTION (AFC-2)	TS	ABA	DU	HCR	AF	HK	US	GL	25/06
G	RE-ISSUED FOR CONSTRUCTION (AFC-1)	TS	ABA	DU	HCR	AF	HK	US	GL	10/04
F	ISSUED FOR CONSTRUCTION (AFC)	EB	ABA	DU	RW	IU	SHL	S	GL	26/11
E	RE-ISSUED FOR APPROVAL (AFD-1)	EB	ABA	DU	RW	IU	SHL	S	GL	25/06
D	RE-ISSUED FOR APPROVAL (AFD)	EB	ABA	DU	RW	IU	SHL	S	GL	22/06
C	ISSUED FOR DETAIL DESIGN (AFT-2)	EB	ABA	JM	YSP	BSP	HM	SL	GL	14/05
REV.	DESCRIPTION	DMW	CHD	DESQ	CHC	APVQ	APW	AUDT	ESQS	DAT

**REVISIONS**

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PROJECT NAME : KALTIM-5 PROJECT  
2500 MTPD AMMONIA AND 3500 MTPD UREA

BONTANG, EAST KALIMANTAN, INDONESIA  
CLIENT NAME : **PUPUK KALTIM**

KBR

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**PIPING & INSTRUMENT FLOW DIAGRAM  
FUEL GAS TUNNEL BURNERS**

SCALE  DWG. NO. K5-01-E1-PD-19E-1