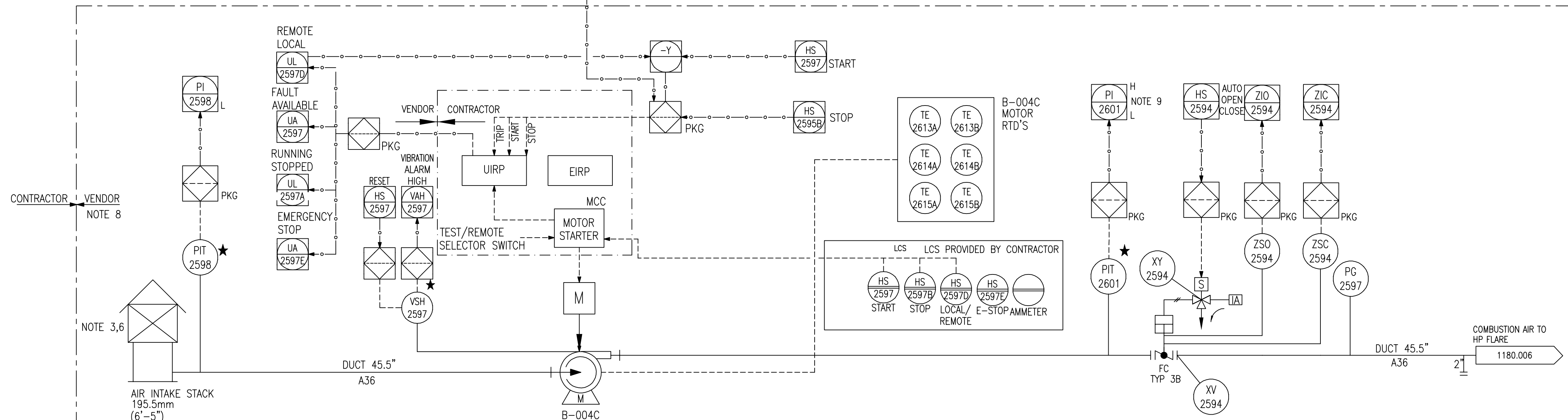
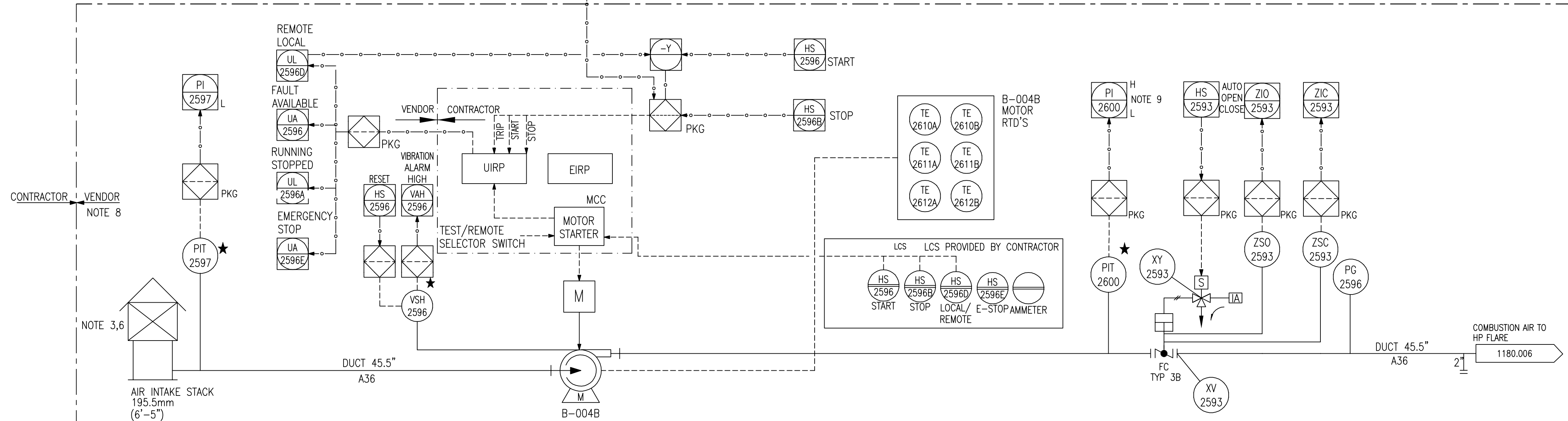
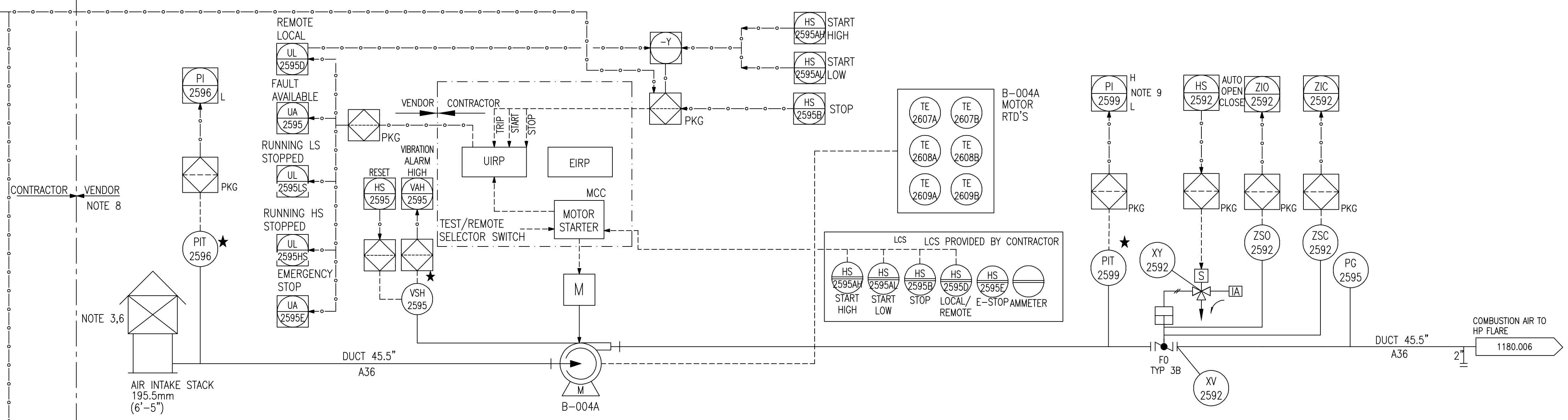


HP FLARE FLOW
SIGNAL FROM FIT-0595

1179



B-004A (NOTE 7)
HP FLARE AIR BLOWER
FLOWRATE m³/h (MMSCFD) : 168.032 (241.96)
DRIVER POWER kw (hp) : 121 / 27 (162 / 36)
MOLECULAR WEIGHT (kg/kgmol) : 29
UTC NO.
TRIM NO.

B-004B/C (NOTE 7)
HP FLARE AIR BLOWER
FLOWRATE m³/h (MMSCFD) : 168.032 (241.96)
DRIVER POWER kw (hp) : 121 / 27 (162 / 36)
MOLECULAR WEIGHT (kg/kgmol) : 29
UTC NO.
TRIM NO.

GENERAL NOTES:

- FOR STANDARD SYMBOLS AND NOMENCLATURE SEE DRAWINGS 50489-530-020-PID-1104.001 & .002.
- ALL EQUIPMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 530-.
- ALL INSTRUMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 030-.
- FOR TYPICAL INSTRUMENT CONNECTION SBDV, XV, MOV & ESDV DETAILS SEE DRAWINGS 50489-530-020-PID-1106.002, .003, .004, .005, .006 & .007.
- FOR MISCELLANEOUS PIPING TYPICAL VALVING, DRAINAGE & GENERAL ARRANGEMENT OF LEVEL INSTRUMENTS, PUMPS, STRAINERS & CONTROL VALVES SEE DRAWINGS 50489-530-020-PID-1108.001 TO 1108.010.
- DRAWING NUMBERS SHOWN IN P&ID CONTINUATION BOXES ARE ABBREVIATED SHOWING DRAWING SEQUENTIAL NUMBERS ONLY. THE FULL FORM OF THE DRAWING NUMBER IS 50489-530-020-PID-XXXX.SHT.NO.
- FOR MATERIAL SELECTION DIAGRAM SEE DRAWINGS 50489-530-020-MSD-1001.001 TO 1023.
- DETAIL NUMBERING FOR CI, SC, CC & CP SEE DRAWING 50489-530-020-PID-1108.003.
- PAINTING & COATING ARE IN ACCORDANCE WITH KOC-P-001.
- LOW POINT DRAIN & HIGH POINT VENT ARE INDICATED IN P&ID.
- FOR CAUSE & EFFECT REFER DOC. NO. 50489-530-020-PHL-1009.
- FOR ALARM VALUES REFER DOC. NO. 50489-530-020-SUM-1006.

NOTES:

- HP FLARE IS B 100% SMOKELESS AIR-ASSISTED TYPE WITH 3 BLOWERS (3X33%).
- LOGIC CONTROL AND SEQUENCE FOR BLOWER AUTOMATIC OPERATION BY PLC BLOWER CONTROL LOGIC.
- AIR BLOWER INTAKE FILTER IS ELEVATED 3M TO AVOID DRIFTING SAND ENTERING THE SYSTEM.
- DCS ALARM FOR AIR BLOWER "NOT RUNNING" IS PROVIDED.
- HP FLARE PACKAGE TRAIN-A IS 100% SPARE FOR TRAIN-B.
- INLET SILENCER IS INTEGRATED PART OF AIR BLOWER INTAKE FILTER.
- BLOWER (B-004A) IS DUAL SPEED & BLOWER (B-004B/C) IS FIXED SPEED.
- VENDOR PID NO: 50489-020-00052-PID-V001 SHEET 8 OF 8.
- PAL-2599 / 2600 AND 2601 ALARM ARE IN SERIES WITH RESPECTIVE BLOWER RUNNING STATUS.

KEY

- ★ LOOSE SUPPLIED BY VENDOR AND INSTALLED BY CONTRACTOR.

AS-BUILT	
KOC APPROVAL	
NAME / KOC No:	
DESIGNATION :	
GROUP / TEAM :	
SIGNATURE :	
DATE :	

AS-BUILT	
LARSEN & TOUBRO LIMITED	
NAME :	VAIBHAV VERMA
DESIGNATION :	AGM
SIGNATURE :	
DATE :	20-Sep-2018
DEPT/ DIVISION :	ENGINEERING

20	ISSUED FOR AS-BUILT	BAK/CHS	AKG	SRA	RAK	20.09.18
01	ISSUED FOR CONSTRUCTION	BAK/CHS	AKG	SRA	RAK	23.09.16
0	ISSUED FOR CONSTRUCTION	HSB/CHS	AKG	SRA	RAK	19.07.16
B	ISSUED INCORPORATED CLIENT COMMENTS	HSB/CHS	AKG	SRA	RAK	03.06.16
A	ISSUED FOR APPROVAL	PAK/VSA	AKG	SRA	RAK	16.04.16
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE

CONTRACTOR REVISION



CONTRACTOR DETAILS:-
LARSEN & TOUBRO LIMITED
FARIDABAD

PROJECT TITLE:-
NEW GATHERING CENTRE GC-30
IN NORTH KUWAIT

DOCUMENT TITLE:- PIPING & INSTRUMENTATION DIAGRAM
HIGH PRESSURE FLARE (Z-029B) TRAIN B
(HP FLARE AIR BLOWER B-004A/B/C)

PROJECT NO.	DRAWING NO.
CONTRACTOR DRG. NO.	REV. KOC DRG. NO.
50489-530-020-PID-1180.007	Z0
SHEET NO. 7 OF 7	SHEET NO.
COMPANY DRG. NO.	REV.
EF1902-530-DCO-PID-0180.001	A4
SHEET NO.	