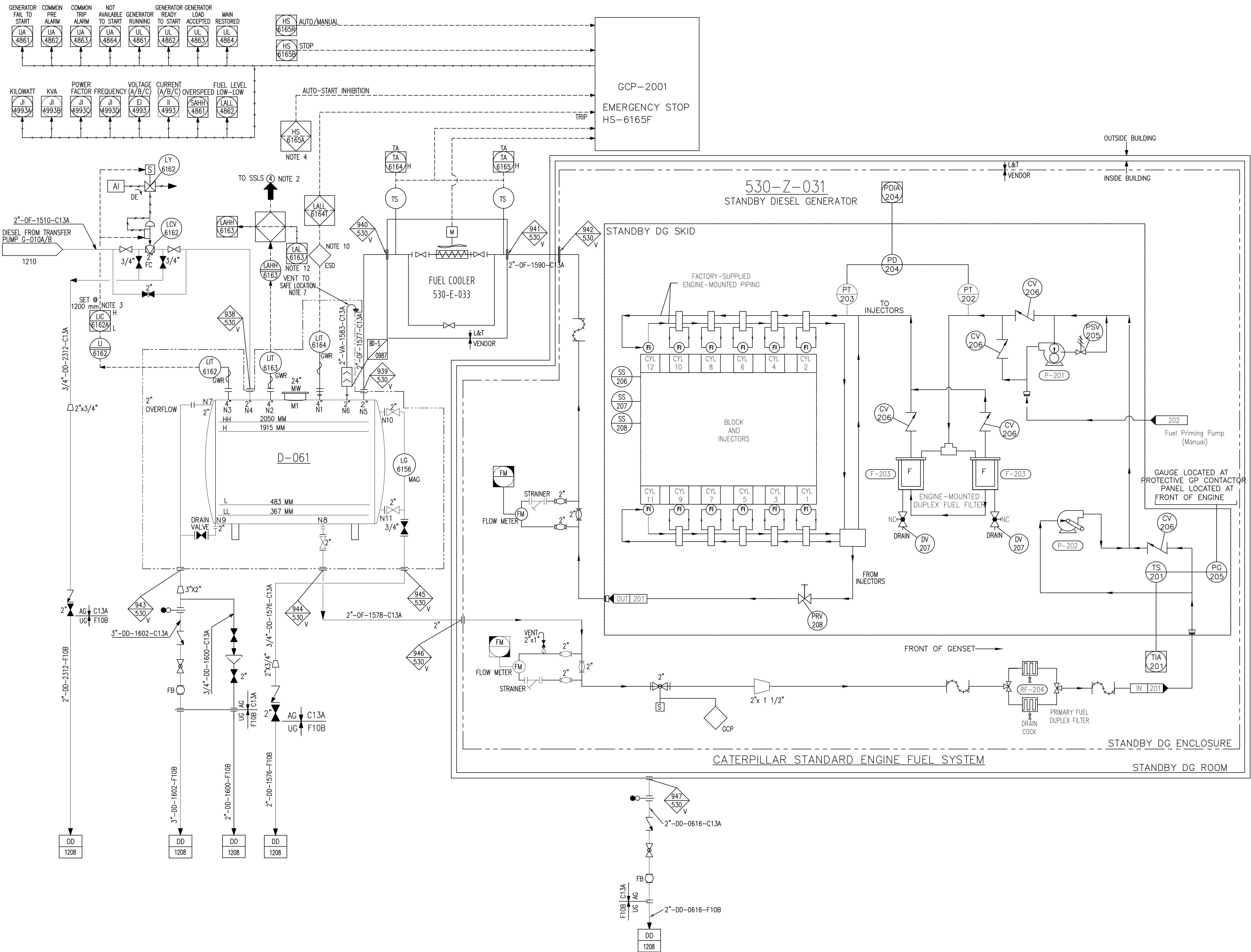


530-Z-031
STANDBY DIESEL GENERATOR
RATED CAPACITY KW (HP) : 3600 (4828)

530-D-061 NOTE 6
STANDBY GENERATOR DIESEL DAY TANK
CAPACITY m3 (BBLs) : 25 (159.25)
ID mm (ft-in) : 2286 (7'-6")
LENGTH mm (ft-in) : 6080 (19'-11")
OP. PRESS./DESIGN PRESS.Barg (psig) : ATM (ATM+STATIC HEAD)
OP. TEMP./DESIGN TEMP.°C (°F) : 15-55/93--3 (27~131/200~27)



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-1106.001, .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 PAID 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:

- DELETED.
- HIGH HIGH LIQUID ON ALL DAY TANKS STOPS DIESEL TRANSFER PUMPS (G-010A/B). HIGH HIGH LIQUID LEVEL ON INDIVIDUAL TANK CLOSES THE RESPECTIVE XV.
- LCV-6162 CLOSE @ HLL, LCV-6162 OPEN @ LLL
- POWER CUT-OFF CASE.
- DELETED
- DAY TANK IS PART OF DIESEL GENERATOR PACKAGE VENDOR SCOPE.
- VENT TO SAFE LOCATION ARE AS PER KOC-G-002.
- CATERPILLAR STANDARD DRAWING IS FOR INFORMATION ONLY. TAGGING AND SYMBOLS CANNOT BE MODIFIED.
- FOR DETAIL OF COOLING SYSTEM, AIR INTAKE/EXHAUST SYSTEM, FUEL SYSTEM, LUBE OIL SYSTEM, ALTERNATOR, ENCLOSURE & MODBUS SIGNAL REFER VENDOR DOCUMENT. AS THESE ARE PART OF VENDOR STANDARD DRAWINGS.
- LL INDICATION IN ESD HMI.
- TOTAL PEAK LOAD STARTING TIME AFTER MAINS POWER FAILURE IS 20 SEC.
- LOW LEVEL ON ANY DAY TANK WILL AUTO STOP DUTY DIESEL TRANSFER PUMP.

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

AS-BUILT	
LARSEN & TOUBRO LIMITED	
NAME :	VAIBHAV VERMA
DESIGNATION :	AGM
SIGNATURE :	
DATE :	28-Aug-2018
DEPT/ DIVISION :	ENGINEERING

Z0	ISSUED FOR AS-BUILT	HS/CHS	AKG	SRA	RAK	28.08.18
01	ISSUED FOR CONSTRUCTION	HS/CHS	AKG	SRA	RAK	02.08.16
0	ISSUED FOR CONSTRUCTION	PAK/CHS	AKG	SRA	RAK	29.06.16
D	ISSUED INCORPORATED CLIENT COMMENTS	PAK/CHS	AKG	SRA	RAK	27.05.16
C	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	11.09.15
B	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	17.02.15
A	ISSUED FOR APPROVAL	BAK/VSA	AKG	SRA	RAK	29.11.14
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE


CONTRACTOR REVISION



KUWAIT OIL CO.
K. S. C.



شركة نفط الكويت
ش.م.ك.

CONTRACTOR DETAILS:-			
 LARSEN & TOUBRO LIMITED FARIDABAD			
PROJECT TITLE:- NEW GATHERING CENTRE GC-30 IN NORTH KUWAIT			
DOCUMENT TITLE:- PIPING & INSTRUMENTATION DIAGRAM STANDBY GENERATOR			
PROJECT NO.	DRAWING NO.		
EF1902	CONTRACTOR DRG. NO.	REV.	KOC DRG. NO.
	50489-530-020-PID-1217	Z0	
	SHEET NO. 1 OF 1		SHEET NO.
	COMPANY DRG. NO.	REV.	
EF1902-530-DC0-PID-0217.001			
SHEET NO.			