



GENERAL NOTES:

- A. FOR STANDARD SYMBOLS AND NOMENCLATURE SEE DRAWINGS 50489-530-020-PID-1104.001 & .002.
B. ALL EQUIPMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 530-..
C. ALL INSTRUMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 030-..
D. FOR TYPICAL INSTRUMENT CONNECTION SBDV, XV, MOV & ESDV DETAILS SEE DRAWINGS 50489-530-020-PID-1106.001, .002, .003, .004, .005, .006 & .007.
E. 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.
F. 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.
G. FOR MATERIAL SELECTION DIAGRAM SEE DRAWINGS 50489-530-020-MSD-1001.001 TO 1023.
H. DETAIL NUMBERING FOR CI, SC, CC & CP SEE DRAWING 50489-530-020-PID-1108.003.
I. PAINTING & COATING ARE IN ACCORDANCE WITH KOC-P-001.
J. LOW POINT DRAIN & HIGH POINT VENT ARE INDICATED IN P&ID.
K. FOR CAUSE & EFFECT REFER DOC. NO. 50489-530-020-PHL-1009.
L. FOR ALARM VALUES REFER DOC. NO. 50489-530-020-SUM-1006.

NOTES:

1. FLUSHING CONNECTION IS PROVIDED AT END OF COLLECTION HEADERS AND AT ANY CHANGES IN DIRECTION OF UNDERGROUND PIPE OF 90°.
2. ADDITIONAL CLEANING FACILITIES ARE PROVIDED AT ANY CHANGES IN DIRECTION OF 45° AND AT A MAXIMUM OF 50 METER INTERVALS ON STRAIGHT RUN.
3. EQUIPMENT AND INSTRUMENT ISOLATION VALVES ARE SHOWN ON CONTINUATION P&IDs.
4. 4"-CO INDICATES CLEAN OUT FLANGE IN CONCRETE CLEAN OUT PIT.
5. DELETED.
6. SLOPE OF ALL THE BRANCH LINES, MAIN & SUB HEADERS ARE 1:200 IN THE DIRECTION OF FLOW.
7. TIE-IN FOR DRAIN LINES INTO SUB HEADER FROM BRANCH HEADER IS AT 45° IN THE DIRECTION OF FLOW.
8. ALL DRAIN PIPING SHOWN IN THIS P&ID IS LAID UNDERGROUND, EXCEPT IN CLEAN-OUT PIT.

AS-BUILT
KOC APPROVAL

NAME / KOC No: _____
DESIGNATION: _____
GROUP / TEAM: _____
SIGNATURE: _____
DATE: _____

AS-BUILT

LARSEN & TOUBRO LIMITED

NAME: VAIBHAV VERMA
DESIGNATION: AGM
SIGNATURE: _____
DATE: 26-Aug-2018
DEPT/ DIVISION: ENGINEERING

Z0	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	RAK	26.08.18
01	ISSUED FOR CONSTRUCTION	BAK/SSI	AKG	SRA	RAK	12.12.16
0	ISSUED FOR CONSTRUCTION	PAK/CHS	AKG	SRA	RAK	28.04.16
D	ISSUED INCORPORATED CLIENT COMMENTS	HSH/CHS	AKG	SRA	RAK	18.03.16
C	ISSUED INCORPORATED CLIENT COMMENTS	JSI/ABY	AKG	SRA	RAK	07.13.15
0C	ISSUED INCORPORATED CLIENT COMMENTS	JSI/VSA	AKG	SRA	RAK	30.05.15
B	ISSUED INCORPORATED CLIENT COMMENTS	JSI/ABY	AKG	SRA	RAK	20.02.15
A	ISSUED FOR APPROVAL	JSI/ABY	AKG	SRA	RAK	11.12.14
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
				APPRD.		

CONTRACTOR REVISION



CONTRACTOR DETAILS:-
LARSEN & TOUBRO LIMITED
FARIDABAD

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

DOCUMENT TITLE:-
PIPING & INSTRUMENTATION DIAGRAM
SLOPS TANK GRAVITY DRAIN SYSTEM HEADER

PROJECT NO.	DRAWING NO.		
EF1902	CONTRACTOR DRG. NO.	REV.	KOC DRG. NO.
	50489-530-020-PID-1207.002	Z0	
	SHEET NO. 2 OF 3	REV.	SHEET NO.
	COMPANY DRG. NO.		
	EF1902-530-DCO-PID-0207.002	A2	
	SHEET NO.		