



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 TIE-IN LIST SEE DOCUMENT NO. 50489-530-020-LST-1003.

NOTES:

- 1. ALL INSTRUMENTS ARE LOCATED CLOSE TO WELLHEAD.
- 2. NO PIGGING REQUIREMENT IS ENVISAGED FOR TREATED WATER DISPOSAL PIPELINE.
- 3. ALARM CREATED IN SCADA & DISPLAYS IN SCADA & DCS.
- 4. STRAIGHT LENGTH REQUIREMENT FOR ORIFICE FLOW METER SHALL BE 20D UPSTREAM & 5D DOWNSTREAM.
- 5. CATHODIC PROTECTION INSULATION FLANGE IS SUPPLIED WITH PIPELINE.

LEGEND

--- BY OTHERS

HOLD:

- 1. CONNECTING P&ID NUMBER.

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

AS-BUILT
LARSEN & TOUBRO LIMITED
NAME : VAIBHAV VERMA
DESIGNATION : AGM
SIGNATURE :
DATE : 12-Sep-2018
DEPT/ DIVISION : ENGINEERING

Z0	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	RAK	12.09.18
01	ISSUED FOR CONSTRUCTION	BAK/SSI	AKG	SRA	RAK	10.11.16
0	ISSUED FOR CONSTRUCTION	PAK/ABY	AKG	SRA	RAK	28.03.16
B	ISSUED INCORPORATED CLIENT COMMENTS	JSI/SSI	AKG	SRA	RAK	16.10.15
0B	ISSUED INCORPORATED CLIENT COMMENTS	JSI/SSI	AKG	SRA	RAK	08.06.15
A	ISSUED FOR APPROVAL	JSI/ABY	AKG	SRA	RAK	23.01.15
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
				APPRD.		

CONTRACTOR REVISION

KUWAIT OIL CO.
K. S. C.

**شركة نفط الكويت**
ش.م.ك.

A Subsidiary of Kuwait Petroleum Corporation

CONTRACTOR DETAILS:-
 **LARSEN & TOUBRO LIMITED**
FARIDABAD

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

DOCUMENT TITLE:-
PIPING & INSTRUMENTATION DIAGRAM
TIE-IN FOR DISPOSAL WELL EWD 11 TO EWD 20

PROJECT NO.	DRAWING NO.
CONTRACTOR DRG. NO.	REV. KOC DRG. NO.
50489-530-020-PID-1311.004	Z0
SHEET NO. 4 OF 7	SHEET NO.
COMPANY DRG. NO.	REV.
SHEET NO.	