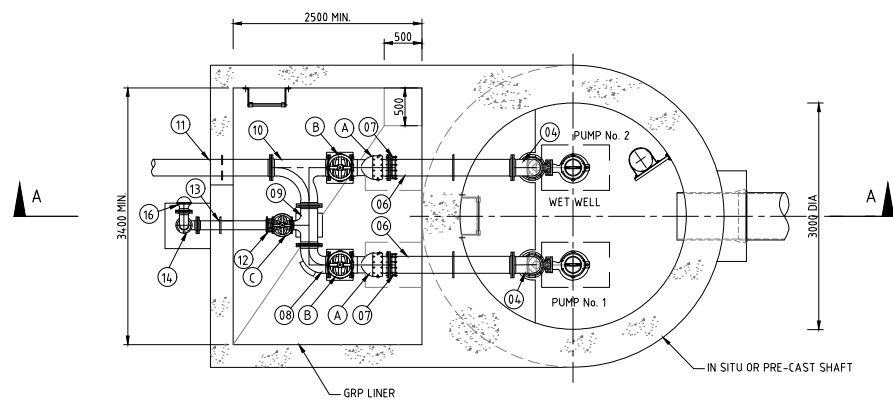
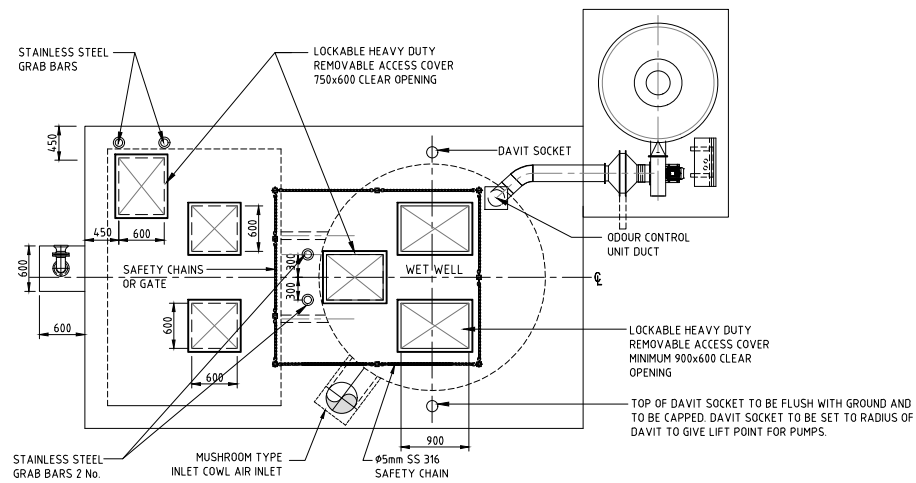
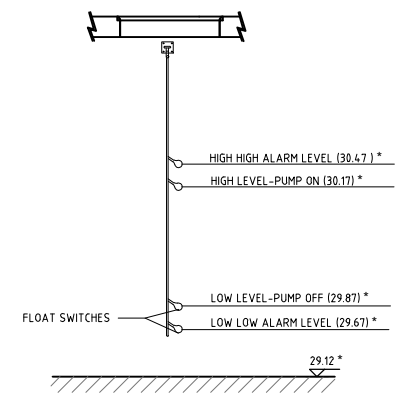




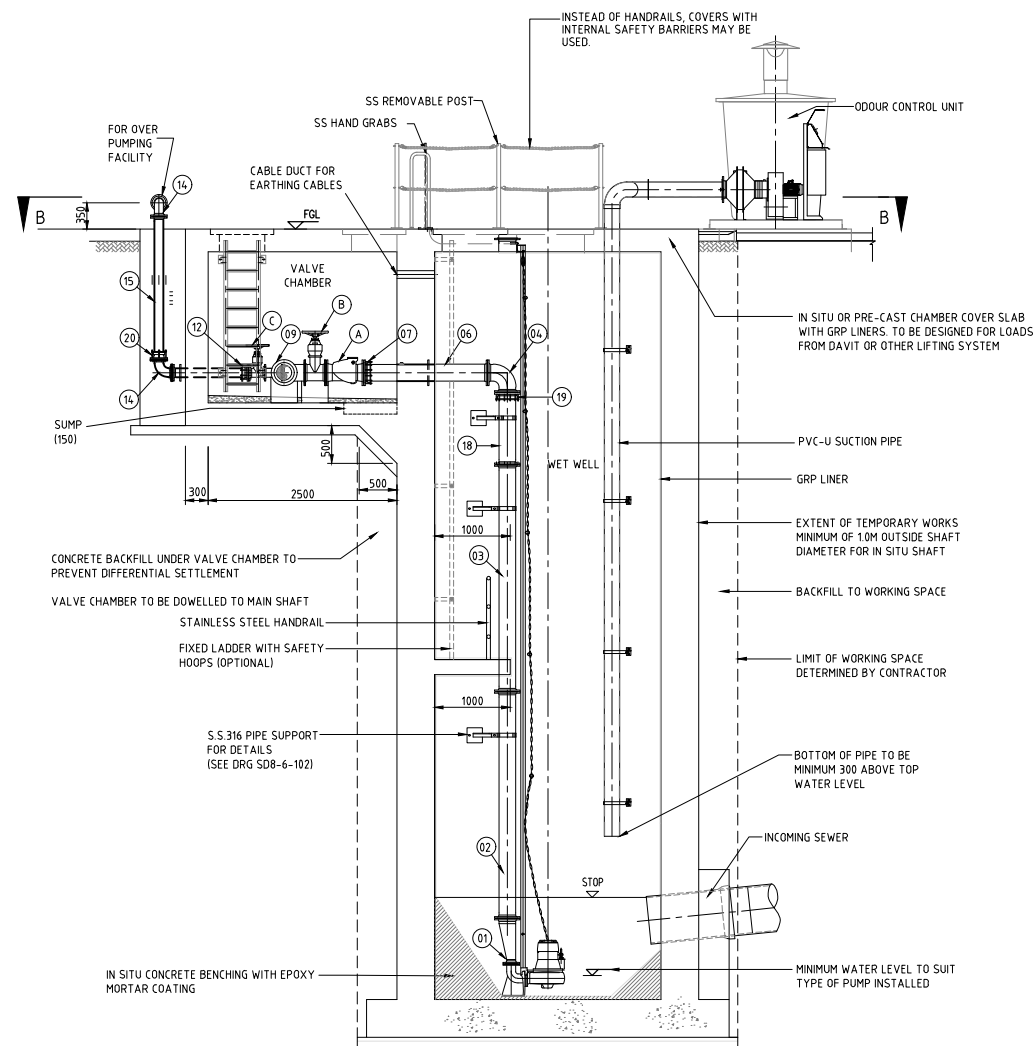
PLAN SECTION B-B
SCALE 1:50



PLAN OF GROUND LEVEL SLAB
SCALE 1:50



OPERATION LEVEL DETAILS
SCALE N.T.S.
* - ACTUAL LEVELS TO BE STATED



SECTION A-A
SCALE 1:50

ITEM	No. OFF *	MATERIAL	DESCRIPTION
01		DI	FLAT TAPER, ALL FLANGED
02		DI	ALL FLANGED PIPE
03		DI	ALL FLANGED PIPE
04		DI	SHORT RADIUS BEND, ALL FLANGED
05		-	NOT USED
06		DI	FLANGED/SPIGOT PIPE WITH PUDDLE FLANGE
07		DI	FLANGE ADAPTER
08		DI	90 DEGREE BEND, ALL FLANGED
09		DI	UNEQUAL TEE, ALL FLANGED
10		DI	RADIAL TEE, ALL FLANGED
11		DI	FLANGED/SPIGOT PIPE WITH PUDDLE FLANGE
12		DI	FLANGE ADAPTER DN150
13		DI	FLANGED/SPIGOT PIPE WITH PUDDLE FLANGE
14		DI	SHORT RADIUS BEND, ALL FLANGED
15		DI	FLANGED SPIGOT PIPE CUT TO SUIT
16		DI	BAUER COUPLING MALE FLANGED
17		-	NOT USED
18		DI	FLANGED SPIGOT PIPE - CUT TO SUIT
19		DI	FLANGE ADAPTOR
20		DI	FLANGE ADAPTOR
A		-	NON RETURN VALVE
B		-	GATE VALVE
C		-	GATE VALVE DN150

* DATA TO BE PROVIDED BY DESIGNER

PUMP CAPACITY	HEAD (m)	G.L. (QNHdM)	FINISHED FLOOR LEVEL (QNHdM)	PIPE INLET (QNHdM)	BASE SLAB (QNHdM)	RISING MAN (QNHdM) I.L.	HIGH LEVEL ALARM (QNHdM)	DUTY START-TWL (QNHdM)	DUTY STOP-BWL (QNHdM)	LOW LEVEL ALARM (QNHdM)

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT Q.C.S. UNLESS OTHERWISE AGREED WITH THE ENGINEER.
- ALL LEVELS ARE IN METRES AND RELATE TO QATAR NATIONAL HEIGHT DATUM (QNHd).
- ALL PIPEWORK, VALVES AND FITTINGS WITHIN CHAMBERS ARE DUCTILE IRON, UNLESS STATED OTHERWISE.
- REFER TO DRAWING SD 8-4-251 FOR TYPICAL ARRANGEMENT PLAN.

ALL DETAILS AND DIMENSIONS ARE INDICATIVE AND TO BE USED AS A GUIDELINE FOR DESIGN PURPOSE OF CATEGORY A PUMPING STATIONS.

LEGENDS:

F.F.L.	:	FINISHED FLOOR LEVEL
F.G.L.	:	FINISHED GROUND LEVEL
F.R.L.	:	FINISHED ROAD LEVEL
P.L.	:	PAVEMENT LEVEL
DI	:	DUCTILE IRON
MS	:	MILD STEEL
SS	:	STAINLESS STEEL
FL	:	FLANGED
PE	:	PLAIN ENDED
PVC-U	:	POLYVINYL CHLORIDE UNPLASTICIZED
So	:	SOCKET
Sp	:	SPIGOT
C	:	CENTRE
F	:	FACE

5	APR 19	ISSUED FOR USE	
4	01 MAR 19	REVALIDATED ISSUE	
3	23NOV15	ISSUED FOR REVIEW	
2	23FEB15	APPROVED FOR USE	
1	18JAN15	ISSUED FOR REVIEW	
0	04NOV14	APPROVED FOR USE	

Rev.	Date	Revision Details	Appd.
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هيئة الأشغال العامة
Public Works Authority

P.O.Box: 22188
Tel.: 00974 44950000
Fax: 00974 44950999
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PROJECTS AFFAIRS

QCS Section:
Section 8 - Drainage Works
Part 4 - Pipeline Installation

Drawing Title:

FOUL SEWER
PUMPING STATION (CAT. A)
WET WELL

Approved:	Sheet No:	1 OF 1
Date:	APRIL 2019	Scale: AS SHOWN
Drawing Number:	SD 8-4-250	Revision: