

VOLUME 5

**DESIGN DOCUMENTS,
INCLUDING DRAWINGS**

Section 5.1

List of drawings attached

Wastewater Treatment plant

No	Name	Drawing No
1.	Arc. And Civil Plan	C1
2.	Civil Details_1	C2
3.	Civil Details_2	C3
4.	Civil Details_3	C4
5.	Mechanical and Hydraulic plan	M1
6.	Mechanical and Hydraulic details_1	M2
7.	Mechanical and Hydraulic details_2	M3
8.	Mechanical and Hydraulic details_3	M4

Irrigation Network

No	Name	Drawing No
1.	Location map for Al-Mawasi proposed pipes	CL-01
2.	Plan and profile for road R01 from St. 0 to St. 50	CL-02
3.	Plan and profile for road R01 from St. 50 to St. 100	CL-03
4.	Plan and profile for road R01 from St. 100 to St. 150	CL-04
5.	Plan and profile for road R01 from St. 150 to St. 163	CL-05
6.	Plan and profile for road R02 from St. 0 to St. 37	CL-06

7.	Plan and profile for road R02 from St. 37 to St. 64	CL-07
8.	Plan and profile for road R03 and R04	CL-08
9.	Plan and profile for road R05 and R06	CL-09
10.	Plan and profile for road R07 and R08	CL-10
11.	Plan and profile for road R09 and R10	CL-11
12.	Plan and profile for road R11	CL-12
13.	General details 1/2	CL-13
14.	General details 2/2	CL_14

Booster station

No	Name	Drawing No
1.	Site layout	BS-M-001
2.	Manifold details	BS-M-002
3.	Pumping station details	BS-M-003
4.	General details 1/2	BS-M-004
5.	General details 2/2	BS-M-005
6.	Septic tank details	BS-C-001
7.	Booster station shed details	BS-C-002
8.	Electrical legend and symbols	BS-E-001
9.	Site layout electrical details	BS-E-002
10.	Main distribution board – MDB	BS-E-003

11.	MDB layout	BS-E-004
12.	Motor Control Centre – MCC	BS-E-005
13.	220-24Volt control circuit	BS-E-006
14.	VFD Control circuit	BS-E-007
15.	MCC Layout	BS-E-008
16.	PLC configuration	BS-E-009
17.	PLC inputs	BS-E-010
18.	PLC outputs	BS-E-011
19.	24V external control	BS-E-012
20.	Earthing and protection details	BS-E-013

Service Building

No	Name	Drawing No
1.	Service building ground floor and roof plan	SB-A-001
2.	Service building elevations and sections	SB-A-002
3.	Service building windows details	SB-A-003
4.	Service building steel details	SB-A-004
5.	Service building doors details	SB-A-005
7.	Service building column axes & found details	SB-S-001
8.	Service building ground beams & col. Details	SB-S-002

9.	Service building ground slab details	SB-S-003
10.	Service building beams details	SB-S-004
11.	Service building structural details	SB-S-005
12.	Service building electrical system	SB-E-001
13.	Service building sanitary system	SB-M-001
14.	Service building plumping details 1-2	SB-M-002
15.	Service building plumping details 2-2	SB-M-003