

## KEYS

## Mechanical

----- **Foul water to MH04**

\_\_\_\_\_ S/pump delivery, flex- 75mm

\_\_\_\_\_ S/pump delivery, steel - 75mm

----- Washout, steel - 75mm

**Pump 1&2 suction, steel - 75mm**

\_\_\_\_\_ Pump 1&2 delivery, steel - 50mm

**Aerated liquid to HWA , flex - 25mm**

Tested AL to MH00, centre core - 25mm

----- **AL from MH00, centre core to Public Sewer**

— — — — — **Blower line - 25mm flex**

## Electrical

----- Power supply to S/pump

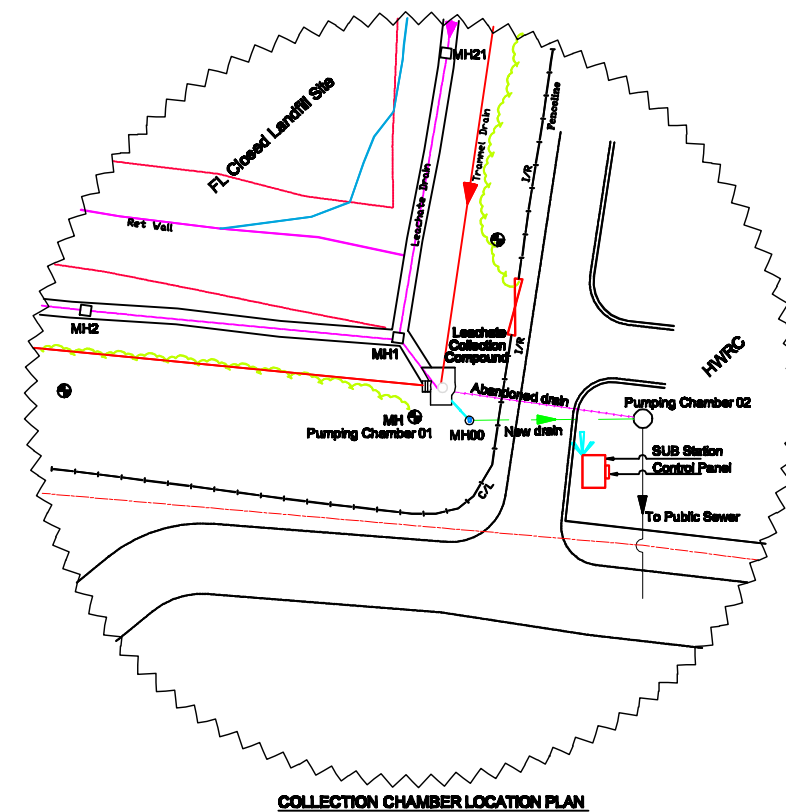
**Power supply to Pumps (1&2) control switch**


----- **Power supply to Sensors**

----- **Power supply to CCTV+Lights**

## Earthing

Component CHART		Component CHART	
Ref. in DWG	Component description	Ref. in DWG	Component description
1	Hightech Water Analyser MMD MK	13a	Power incomer to switch1
2a	Jetting tank (JT 1), Capacity- 2 cu.m	13b	Power incomer to switch2
2b	Jetting tank (JT 2), Capacity- 1 cu.m	14a	Switch1
2c	4 Adjustable steel legs JT1	14b	Switch2
2d	Pumps platform	15a	Supply to Pump1
2e	Leachate collected from site	15b	Supply to Pump2
3a	Pump 1	15c	Supply to Submersible Pump
3b	Pump 2	16a	Supply to Camera and Flood lights
3c	Submersible pump	16	General earthing
3d	Recirculating pump 1	17	Pipe support
3e	Recirculating pump 2	17a	50mm steel delivery pipe to JT2
3f	Garden Blower	18a	50mm steel flang joint
4	Analyzing Chamber	20a	Cover JT1
4a	Control Panel	20b	Cover JT2
4b	DAB	21a	Cowl on JT1
4c	Control system for pipe protection	21b	Cowl on JT2
5	Flow Meter	22a	Short handles
6a	High high level sensor on JT1	23	15mm valve
6b	High level sensor on JT1	23a	25mm valve
6c	Sensor in Collection chamber	24	15mm sampling point- UU sampling port
6d	Sensor in Collection chamber	25	Aerated liquid from JT2 to HWA
7	75mm flexible delivery hose to JT1	26	Aerated liquid from HWA to Analysing chamber
7a	75mm steel pipe to strainer	26a	Analysing chamber to JT2
7b	Strainer on platform	27	Over flow - return
7c	50mm steel sprayer pipe	27a	Blower line to JT1
7d	Sprayer nozzles (100 nos.)	27b	Blower line to JT2
7e	50mm steel sprayer pipe	28	100mm steel pipe -lighting column
7d	Sprayer nozzles (100 nos.)	29	Flood lights (2 nos)
8a	75mm Steel suction to pump1	30	CCTV Camera 1
8b	75mm Steel suction to pump2	31	Cable tray
10a	75mm Steel isolation valve on 8a.	32	MH 05 access cover
10b	75mm Steel isolation valve on 8b.	33	Ladder
10c	75mm Steel washout pipe from JT1	34	New chamber MH00
10d	75mm Steel isolation valve on washout 10c.	35	300mm UG flex
11a	75mm flange joint on Pump1	36	100mm UG drain
11b	75mm flange joint Pump2	37	Fencing (wiremesh)
12a	Non return valve on Pump1	38	Locable gate
12b	Non return valve on Pump2	39	Ducting



B	MODIFIED WITH CHAMBER LOCATION	SEP7 2014			
A	NEW PIPING ADDED	SEP7 2014			
Rev.	Amendment	Date			
Client					
Site <b>FOUL LAKE FORMER LANDFILL SITE</b>					
Title <b>CHAMBER LOCATION FLOW DIAGRAM AND COMPONENT DETAILS</b>					
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"><b>Metropolitan Recycling Waste Authority</b> <b>701 West</b> <b>Paul Mann Island</b> <b>Universal</b> <b>15 1st</b></div>					
A1	Drg. No. <b>MWDA.530-350-003</b>	Rev. <b>B</b>			
Drawn	Binu	Scale	NTS	Date	JUNE2014