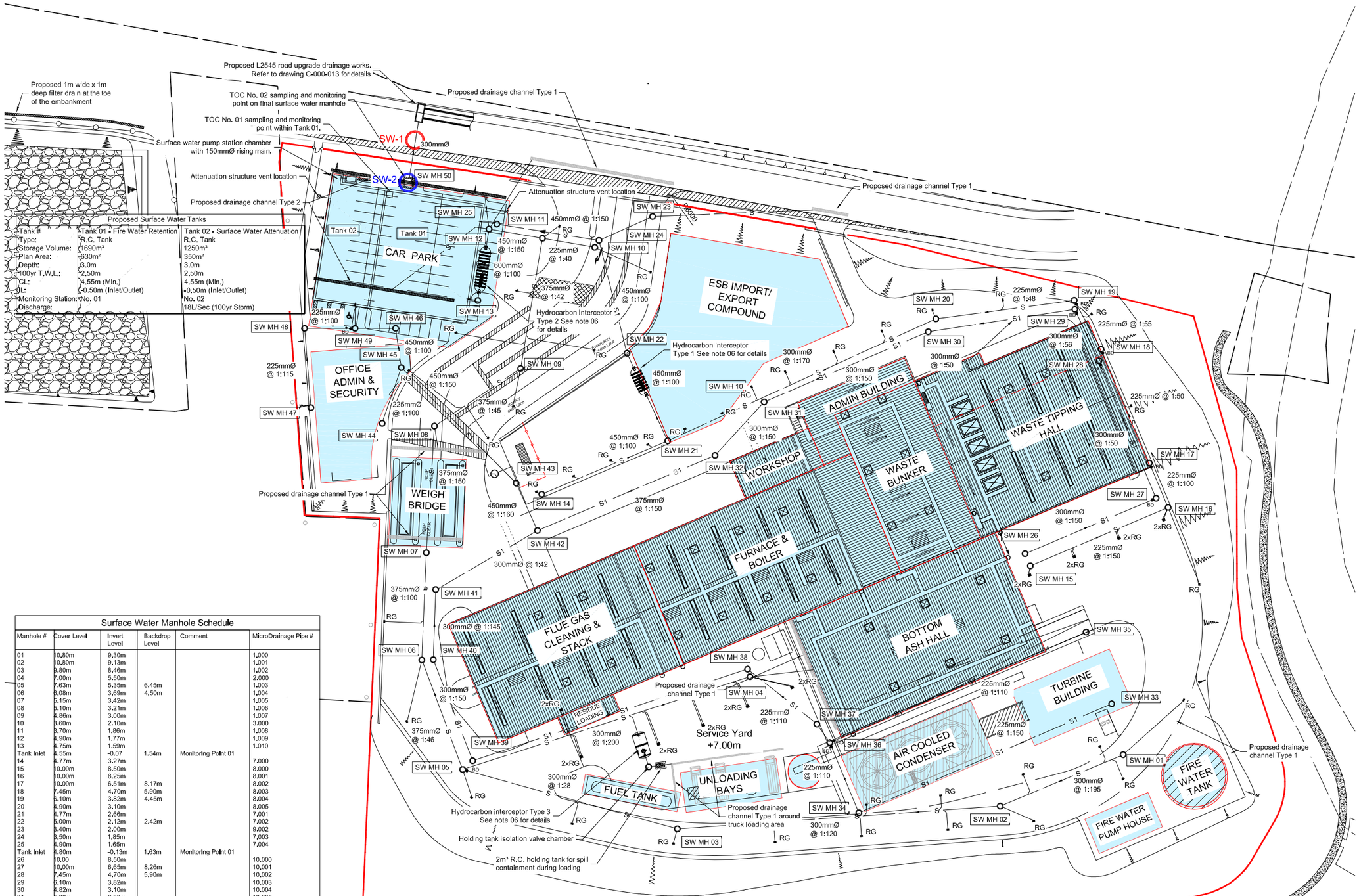


Proposed Surface Water Tanks

Tank #	Tank 01 - Fire Water Retention	Tank 02 - Surface Water Attenuation
Type:	R.C. Tank	R.C. Tank
Storage Volume:	1690m³	1250m³
Plan Area:	630m²	350m²
Depth:	3.0m	3.0m
100yr T.W.L.:	2.50m	2,50m
CL:	4.55m (Min.)	4,55m (Min.)
IL:	-0.50m (Inlet/Outlet)	-0.50m (Inlet/Outlet)
Monitoring Station:	No. 01	No. 02
Discharge:	18L/Sec (100yr Storm)	

Surface Water Manhole Schedule

Manhole #	Cover Level	Invert Level	Backdrop Level	Comment	MicroDrainage Pipe #
01	10.80m	9.30m			1.000
02	10.80m	9.13m			1.001
03	9.80m	8.46m			1.002
04	7.00m	5.50m			2.000
05	7.63m	5.35m	6.45m		1.003
06	5.08m	3.69m	4.50m		1.004
07	5.15m	3.42m			1.005
08	5.10m	3.21m			1.006
09	4.86m	3.00m			1.007
10	3.60m	2.10m			3.000
11	3.70m	1.86m			1.008
12	4.90m	1.77m			1.009
13	4.75m	1.59m			1.010
Tank Inlet	4.55m	-0.07	1.54m	Monitoring Point 01	
14	4.77m	3.27m			7.000
15	10.00m	8.50m			8.000
16	10.00m	8.25m			8.001
17	10.00m	6.51m	8.17m		8.002
18	7.45m	4.70m	5.90m		8.003
19	6.10m	3.82m	4.45m		8.004
20	4.90m	3.10m			8.005
21	4.77m	2.66m			7.001
22	5.00m	2.12m	2.42m		7.002
23	3.40m	2.00m			9.002
24	3.50m	1.85m			7.003
25	4.90m	1.65m			7.004
Tank Inlet	4.80m	-0.13m	1.63m	Monitoring Point 01	
26	10.00	8.50m			10.000
27	10.00m	6.65m	8.26m		10.001
28	7.45m	4.70m	5.90m		10.002
29	6.10m	3.82m			10.003
30	4.82m	3.10m			10.004
31	5.00m	2.80m			10.005
32	5.00m	2.68m			10.006
33	11.00m	9.50m			11.000
34	11.00m	9.05m			11.001
35	11.00m	9.50m			12.000
36	11.00m	5.60m	8.88m		11.002
37	7.00m	5.55m			11.003
38	7.00m	5.35m			11.004
39	7.60m	4.87m			11.005
40	6.08m	4.21m	4.69m		11.006
41	5.78m	4.09m			11.007
42	4.90m	2.39m	3.40m		10.007
43	5.00m	2.28m			10.008
44	5.00m	3.50m			13.000
45	5.00m	2.01m	3.35m		10.009
46	4.80m	1.86m			10.010
47	5.00m	3.50m			14.000
48	5.00m	3.29m			14.001
49	4.80m	1.80m	3.17m		10.011
Tank Inlet	4.70m	-0.20m	1.77m		
Pumpstation	4.55m	-0.50m		18L/Sec Discharge	1.012
50	4.55m	3.00m		Monitoring Point 02	1.013
Road	2.90m	0.36m		2x1500mm Pipes	1.014

DRAINAGE PLAN
(SCALE 1:1000 @A3)

NOTE: - DO NOT SCALE, USE FIGURED DIMENSIONS ONLY
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH
- ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
- ALL DIMENSIONS TO BE CHECKED ON SITE.
- IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE ARCHITECT IMMEDIATELY

REV.	DESCRIPTION.	BY.	APPR.	DATE.
E	ISSUED FOR INFORMATION	E O'N	JMD	24.06.2019
D	ISSUED FOR INFORMATION	E O'N	JMD	21.06.2019
C	ISSUED FOR INFORMATION	E O'N	JMD	10.06.2019
B	ISSUED FOR INFORMATION	E O'N	JMD	07.06.2019
A	ISSUED FOR COMMENT	E O'N	JMD	30.05.2019

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MEA McElroy Associates
ENGINEERS TO INDUSTRY
72 Haddington Road, Ballsbridge, D4, Tel: 660 9000 E Mail: info@mea.ieWeb: www.mea.ie

CLIENT.
INDAVER

PROJECT.
INDAVER RINGASKIDDY

TITLE.
DRAINAGE PLAN

DESIGNED:	CHECKED:	APPRD:
PS	PS	PS
DRAWN:	DATE:	SCALE: AS SHOWN @ A3
E O'N	JUNE 19	

DRG.No. 28059CD5013 REV. E