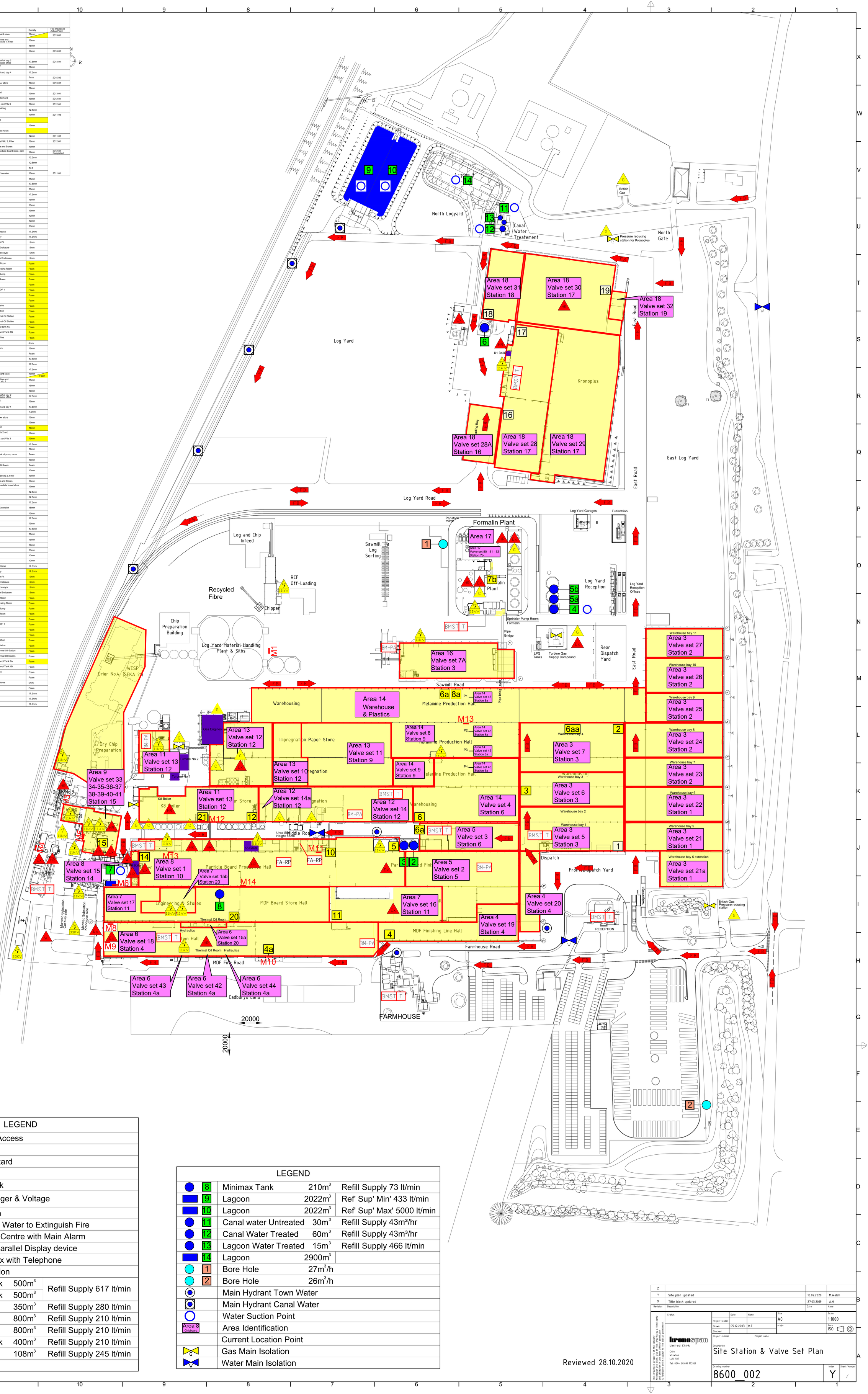
Sprinkler System Details

BMZ Line	Level	Area	Station	Alarm Valve Set	Fuait Valve Set	Type	Areas Covered	Density	Fire Insurance Action Point
1	GF / 1F	8	10	1		Wet (F)	Chipboard Controll & part board store K6 thermal oil pumproom	10mm	2013-01
2	GF / 1+2F	5	5	2		Wet	Chipboard Controll finishing line and part new finishing line & Dust Silo 1, Filter	15mm	
3	GF	5	6	3		Dry	Old Loading Bay	15mm	
4	GF	14	6	4		Wet	P9, parts P3 Presses	10mm	2013-01
5		4	4a	19		Wet	MDF finishing line		
6	GF / 1F	3	3	5		Dry	East warehouse bay 1 and half of bay 2 Sales office, despatch & Logistics office	17.5mm	2013-01
7	GF	3	3	6		Dry	East warehouse half of bay 2 and half of bay 3	15mm	
8	GF	3	3	7		Dry	East warehouse half of bay 3 and bay 4	17.5mm	
9	GF / 1+2F	16	3	7a		Dry	Sawmill buildings	7mm	2015-02
10	GF	14	9	8		Wet	Warehouse and Treated paper store	10mm	2013-01
11	GF	14	9	9		Wet	P11 press	10mm	
12	GF	13	9	10		Wet	Part Vits 2 and part Vits 3 and Part Warehouse	10mm	2013-01
13	GF	13	9	11		Wet	Part warehouse and parts Vits 2 and Vits 3 and parts P11 and P7	10mm	2012-01
14	GF / 1F	13	12	12		Dry	Esmil plant, part warehouse, part Vits 3	10mm	2012-01
15	GF / 1F	11	12	13		Dry	Raw Paper Store, Refiner Building	12.5mm	
16	GF / 1F	12	12	14		Wet	Vits 5, part P9 press	10mm	2011-03
17	GF / 1F	12	12	14a		Dry (F)	Thermal oil pump room Vits 5		
18	GF	8	14	15		Dry	Thermal Oil Boiler K6	10mm	
19	GF	6	20	15a		Dry (F)	MDF 2 Hydraulic / Thermal Oil Room		
20	GF / 1F	7	20	15b		Wet	Stores racking	12mm	2011-02
21	GF / 1F	7	11	16		Wet	Part finishing line MDF & Dust Silo 2, Filter	10mm	2012-01
22	GF / 1F	7	11	17		Wet	Part Intermediate board store and Stores	10mm	
23	GF / 1F	6	4	18		Wet	MDF1, MDF2 and part intermediate board store, part new finishing line MDF	10mm	2012-01 Completed
24	GF	4	4	19		Wet	New Finishing Line MDF	12.5mm	
25	GF	4	4	20		Dry	Loading area	12.5mm	
26	GF	3	1	21		Dry	Far East Warehouse bay 5	17.5	
27	GF	3	1	21a		Dry	Far East Warehouse bay 5 Extension	15mm	2011-01
28	GF	3	1	22		Dry	Far East Warehouse bay 6	15mm	
29	GF	3	2	23		Dry	Far East Warehouse bay 7	17.5mm	
30	GF	3	2	24		Dry	Far East Warehouse bay 8	15mm	
31	GF	3	2	25		Dry	Far East Warehouse bay 9	17.5mm	
32	GF	3	2	26		Dry	Far east Warehouse bay 10	15mm	
33	GF	3	2	27		Dry	Far East warehouse bay 11	15mm	
34	GF / 1F	18	17	28		Wet	Worktop production hall	10mm	
35	GF	18	16	28a		Dry	Loading Bay	13mm	
36	GF	18	17	29		Wet	Selco Saw, and warehouse	13mm	
37	GF	18	17	30		Wet	Flooring line and warehouse	13mm	
38	GF	18	18	31		Dry	Kronoplus North West Warehouse	17.5mm	
39	GF	18	19	32		Dry	Kronoplus North East Canopy	17.5mm	
40	GF	9	15	33		Dry	K7 Boiler Plant Walking Floor Pit	5mm	
41	1F	9	15	34		Wet	K7 Boiler Plant Gas Burner Enclosure	5mm	
42	GF / 1F	9	15	35		Wet	K7 Boiler Plant Main Feed Conveyor	5mm	
43	GF	9	15	36		Wet	K7 Boiler Plant Walking Floor Enclosure	5mm	
44	GF	9	15	37		Wet	K7 Boiler Plant Compressor Room	Foam	
45	3F	9	15	38		Wet (F)	K7 Boiler Plant Steam Generating Room	Foam	
46	GF	9	15	39		Wet (F)	K7 Boiler Plant Thermal Oil Sump	Foam	
47	GF / 1F	9	15	40		Wet (F)	K7 Boiler Plant Thermal Oil Room	Foam	
48	GF	9	15	41		Wet (F)	Seka Filter	Foam	
49	GF	6	4a	42		Wet (F)	Thermal Oil Pump Station MDF 1	Foam	
50	GF	6	4a	43		Wet (F)	Steam Boiler room	Foam	
51	GF	6	4a	44		Wet (F)	Hydraulic Room MDF 1	Foam	
52	GF	14	6a	45		Wet (F)	Part 1 Press Thermal Oil Station	Foam	
53	GF	14	6a	46		Wet (F)	Part 2 Press Thermal Oil Station	Foam	
54	GF	14	8a	47		Wet (F)	Part 3 Press Hydraulic Thermal Oil Station	Foam	
55	GF	14	8a	48		Wet (F)	Part 4 Press Hydraulic Thermal Oil Station	Foam	
56	GF	14	3a	50		Wet (F)	Fire fighting foam to methanol tank 1A	Foam	
57	GF	17	7b	51		Dry (F)	Fire Fighting Foam To Methanol Tank 1B	Foam	
58	GF	17	7b	52		Dry (F)	Fire Fighting Foam To blank line	Foam	
59	GF	20	21	53		Dry	K8 Boiler Infeed C/V Deluge	5mm	
60	GF	20	21	54		Wet	Gas Engines 1,2 & 3 sprinklers	10mm	
61	GF	20	21	55		Dry (F)	K8 Thermal Oil Pumps	Foam	
62	GF	14	9a	56		Wet	P1&P2 Press hall building	17.5mm	
63	GF	14	9a	57		Dry	New Hall Storage area	17.5mm	
64	GF	14	9a	58		Dry	New Hall Storage Area	17.5mm	
65	GF / 1F	8	10		1	Wet (F)	Chipboard Controll & part board store K6 thermal oil pumproom	10mm Foam	
66	GF / 1+2F	5	5		2	Wet	Chipboard Controll finishing line and part new finishing line & dust silo 1	15mm	
67	GF	5	6		3	Dry	Old Loading Bay	15mm	
68	GF	14	6		4	Wet	P9, parts P3 Presses	10mm	
69	GF / 1F	3	3		5	Dry	East warehouse bay 1 and half of bay 2 Sales office, despatch & Logistics office	17.5mm	
70	GF	3	3		6	Dry	East warehouse half of bay 2 and half of bay 3	15mm	
71	GF	3	3		7	Dry	East warehouse half of bay 3 and bay 4	17.5mm	
72	GF / 1+2F	16	3		7a	Dry	Sawmill buildings	7.5mm	
73	GF	14	9		8	Wet	Warehouse and Treated paper store	10mm	
74	GF	14	9		9	Wet	P11 Press	10mm	
75	GF	13	9		10	Wet	Part Vits 2 and part Vits 3 and Part Warehouse	10mm	
76	GF	13	9		11	Wet	Part warehouse and parts Vits 2 and Vits 3 and parts P11 and P7	10mm	
77	GF / 1F	13	12		12	Dry	Esmil plant, part warehouse, part Vits 3	10mm	
78	GF / 1F	11	12		13	Dry	Raw Paper Store Refiner building	12.5mm	
79	GF / 1F	12	12		14	Wet	Vits 5, part P9 press	10mm	
80	GF / 1F	12	12		14a	Dry (F)	Vits 5, Hymmen Press thermal oil pump room	Foam	
81	GF	8	14		15	Dry	Thermal Oil Boiler K6	10mm	
82	GF	6	20		15a	Dry (F)	MDF 2 Hydraulic / Thermal Oil Room	Foam	
83	GF / 1F	7	20		15b	Wet	Stores racking	12mm	
84	GF / 1F	7	11		16	Wet	Part finishing line MDF & Dust Silo 2, Filter	10mm	
85	GF / 1F	7	11		17	Wet	Part Intermediate board store and Stores	10mm	
86	GF / 1F	6	4		18	Wet	MDF1, MDF2 and part intermediate board store part new finishing line MDF	10mm	
87	GF	4	4		19	Wet	New MDF finishing Line	12.5mm	
88	GF	4	4		20	Dry	Loading area	12.5mm	
89	GF	3	1		21	Dry	Far East Warehouse bay 5	17.5mm	
90	GF	3	1		21a	Dry	Far East Warehouse bay 5 Extension	15mm	
91	GF	3	1		22	Dry	Far East Warehouse bay 6	15mm	
92	GF	3	2		23	Dry	Far East Warehouse bay 7	17.5mm	
93	GF	3	2		24	Dry	Far East Warehouse bay 8	15mm	
94	GF	3	2		25	Dry	Far East Warehouse bay 9	17.5mm	
95	GF	3	2		26	Dry	Far east Warehouse bay 10	15mm	
96	GF	3	2		27	Dry	Far East warehouse bay 11	15mm	
97	GF / 1F	18	17		28	Wet	Worktop production hall	10mm	
98	GF	18	16		28a	Dry	Loading Bay	13mm	
99	GF	18	17		29	Wet	Selco Saw, and warehouse	13mm	
100	GF	18	17		30	Wet	Flooring line and warehouse	13mm	
101	GF	18	18		31	Dry	Kronoplus North West Warehouse	17.5mm	
102	GF	18	19		32	Dry	Kronoplus North East Canopy	17.5mm	
103	GF	9	15		33	Dry	K7 Boiler Plant Walking Floor Pit	5mm	
104	1F	9	15		34	Wet	K7 Boiler Plant Gas Burner Enclosure	5mm	
105	GF / 1F	9	15		35	Wet	K7 Boiler Plant Main Feed Conveyor	5mm	
106	GF	9	15		36	Wet	K7 Boiler Plant Walking Floor Enclosure	5mm	
107	GF	9	15		37	Wet	K7 Boiler Plant Compressor Room	Foam	
108	3F	9	15		38	Wet (F)	K7 Boiler Plant Steam Generating Room	Foam	
109	GF	9	15		39	Wet (F)	K7 Boiler Plant Thermal Oil Sump	Foam	
110	GF / 1F	9	15		40	Wet (F)	K7 Boiler Plant Thermal Oil Room	Foam	
111	GF	9	15		41	Wet (F)	Seka Filter	Foam	
112	GF	6	4a		42	Wet (F)	Thermal Oil Pump Station MDF 1	Foam	
113	GF	6	4a		43	Wet (F)	Steam Boiler room	Foam	
114	GF	6	4a		44	Wet (F)	Hydraulic Room MDF 1	Foam	
115	GF	14	6a		45	Wet (F)	Part 1 Press Thermal Oil Station	Foam	
116	GF	14	6a		46	Wet (F)	Part 2 Press Thermal Oil Station	Foam	
117	GF	14	8a		47	Wet (F)	Part 3 Press Hydraulic Thermal Oil Station	Foam	
118	GF	14	8a		48	Wet (F)	Part 4 Press Hydraulic Thermal Oil Station	Foam	
119	GF	17	7b		50	Dry (F)	Fire Fighting Foam To Methanol Tank 1A	Foam	
120	GF	17	7b		51	Dry (F)	Fire Fighting Foam To Methanol Tank 1B	Foam	
121	GF	17	7b		52	Dry (F)	Fire Fighting Foam Blank Line	Foam	
122	GF	17	7b		53	Dry (F)	K8 Boiler Infeed Conveyor	Foam	
123	GF / 1F	20	21		54	Wet	K8 Boiler Thermal Oil Pump Area	5mm	
124	GF	20	21		55	Wet (F)	Gas Engine 1,2,3	Foam	
125	GF	14	9a		56	Wet	P1/P2 Press Hall	17.5mm	
126	GF	14	9a		57	Dry	New Storage Hall Area	17.5mm	
127	GF	14	9a		58	Dry	New Storage Hall Area	17.5mm	



LEGEND		
FB	Fire Brigade Access	
ER	Escape route	
C	Chemical Hazard	
G	Gas Hazard	
EX	Explosion Risk	
10kV	Electrical Danger & Voltage	
HR	Fire Risk High	
W	Danger Using Water to Extinguish Fire	
BMZ	Alarm control Centre with Main Alarm	
BM-PA	Fire Alarm - Parallel Display device	
BMST T	Fire Alarm Box with Telephone	
6	Sprinkler Station	
2	Sprinkler Tank 500m³	Refill Supply 617 lt/min
3	Sprinkler Tank 500m³	
4	Water Tank 350m³	Refill Supply 280 lt/min
5a	Water Tank 800m³	Refill Supply 210 lt/min
5b	Water Tank 800m³	Refill Supply 210 lt/min
6	Sprinkler Tank 400m³	Refill Supply 210 lt/min
7	Water Tank 108m³	Refill Supply 245 lt/min
M4	Manifolds	

LEGEND			
8	Minimax Tank	210m³	Refill Supply 73 lt/min
9	Lagoon	2022m³	Ref' Sup' Min' 433 lt/min
10	Lagoon	2022m³	Ref' Sup' Max' 5000 lt/min
11	Canal water Untreated	30m³	Refill Supply 43m³/hr
12	Canal Water Treated	60m³	Refill Supply 43m³/hr
13	Lagoon Water Treated	15m³	Refill Supply 466 lt/min
14	Lagoon	2900m³	
1	Bore Hole	27m³/h	
2	Bore Hole	26m³/h	
	Main Hydrant Town Water		
	Main Hydrant Canal Water		
	Water Suction Point		
Area 8 Chipboard	Area Identification		
	Current Location Point		
G	Gas Main Isolation		
W	Water Main Isolation		

Reviewed 28.10.2020

Revision	Description	Date	Name
Z			
Y	Site plan updated	18.02.2020	M.Welch
X	Title block updated	27.03.2019	A.H

Status

	Date	Name
Project leader		
Drawn	05.12.2003	M.T
Checked		

Size A0 | Scale 1:1000 | Norm ISO

Project number | Project name

Kronospan Limited Chirk, Chirk, Wrexham, LL14 5NT, Tel: 0044 (0)1691 773361

Description: Site Station & Valve Set Plan

Drawing number: 8600_002 | Index: Y | Sheet/Number: /

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