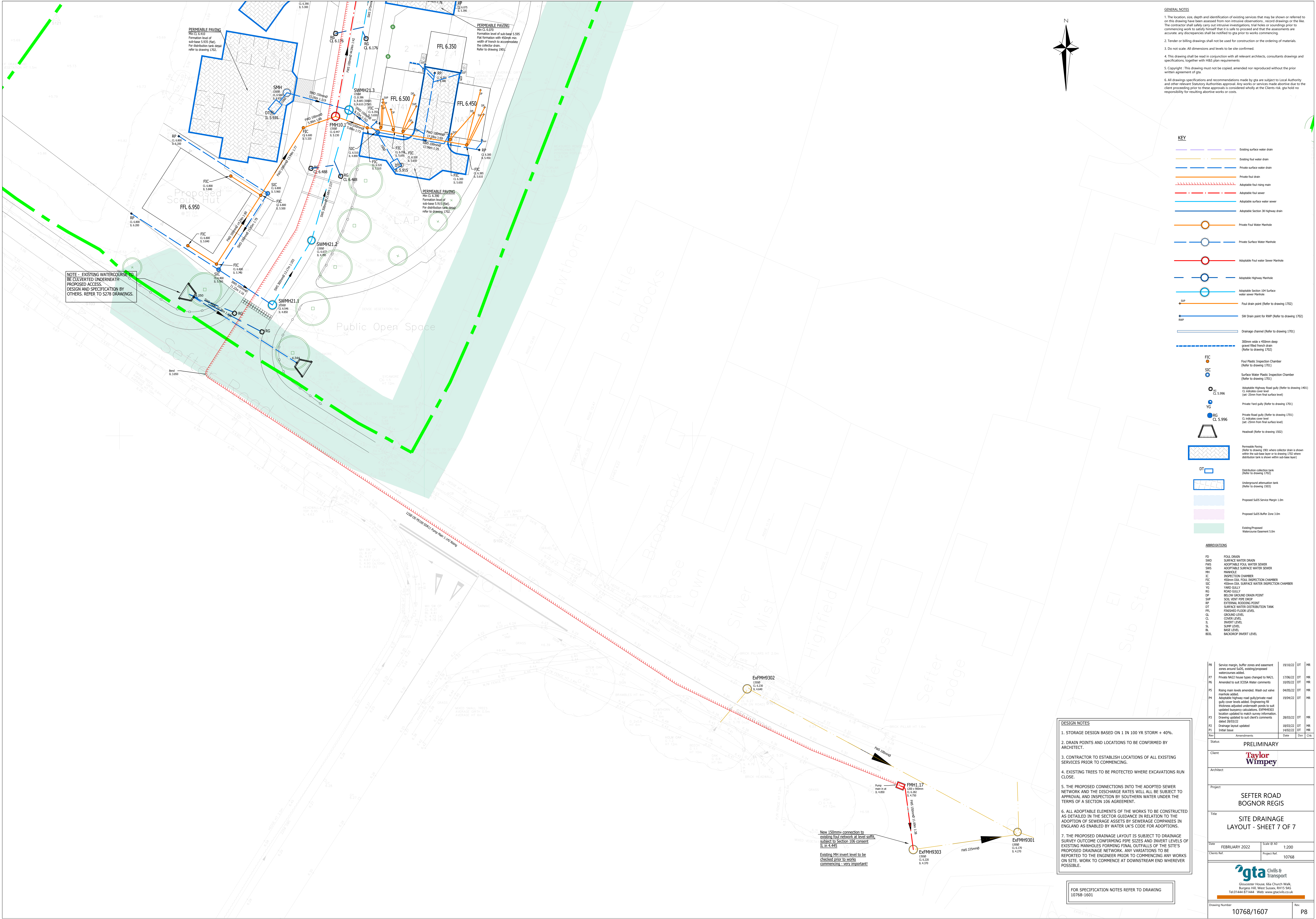




GENERAL NOTES

1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non-intrusive observations, record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to safely identify the location of any services and that the assessments are accurate. Any discrepancies shall be notified to gta prior to works commencing.
2. Tender or billing drawings shall not be used for construction or the ordering of materials.
3. Do not scale. All dimensions and levels to be site confirmed.
4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements.
5. Copyright: This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.
6. All drawings, specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory authorities approval. Any works or services made abortive due to the client proceeding prior to these approvals is considered wholly at the Clients risk, gta hold no responsibility for resulting abortive works or costs.

KEY

- Existing surface water drain
- Existing foul water drain
- Private surface water drain
- Private foul drain
- Adoptable foul rising main
- Adoptable foul sewer
- Adoptable surface water sewer
- Adoptable Section 38 highway drain
- Private Foul Water Manhole
- Private Surface Water Manhole
- Adoptable Foul Sewer Manhole
- Adoptable Highway Manhole
- Adoptable Section 104 Surface water sewer Manhole
- Foul drain point (Refer to drawing 1702)
- SW Drain point for RWP (Refer to drawing 1702)
- Drainage channel (Refer to drawing 1701)
- 300mm wide x 450mm deep gravel filled french drain (Refer to drawing 1702)
- FIC Foul Plastic Inspection Chamber (Refer to drawing 1701)
- SIC Surface Water Plastic Inspection Chamber (Refer to drawing 1701)
- Adoptable Highway Road gully (Refer to drawing 1401) CL indicates cover level (set 25mm from final surface level)
- Private Road gully (Refer to drawing 1701) CL indicates cover level (set 25mm from final surface level)
- Headwall (Refer to drawing 1502)
- Permeable Paving (Refer to drawing 1701 where collector drain is shown within the sub-base layer or to drawing 1702 where distribution tank is shown within sub-base layer)
- DT Distribution collection tank (Refer to drawing 1702)
- Underground attenuation tank (Refer to drawing 1702)
- Proposed SUDS Service Margin 1.0m
- Proposed SUDS Buffer Zone 3.0m
- Existing/Proposed Watercourse Exponent 1.0m

ABBREVIATIONS

- | | |
|------|---|
| FD | FOUL DRAIN |
| SWD | SURFACE WATER DRAIN |
| FWS | ADAPTABLE FOUL WATER SEWER |
| SWS | ADAPTABLE SURFACE WATER SEWER |
| MH | MANHOLE |
| IC | INSPECTION CHAMBER |
| FIC | 450mm DIA. FOUL INSPECTION CHAMBER |
| SIC | 450mm DIA. SURFACE WATER INSPECTION CHAMBER |
| YG | YARD GULLY |
| RG | ROAD GULLY |
| DP | BELOW GROUND DRAIN POINT |
| SP | SOIL VENT PIPE DRAIN |
| RP | EXTERNAL RISING POINT |
| DT | SURFACE WATER DISTRIBUTION TANK |
| FL | FINISHED FLOOR LEVEL |
| CL | COVER LEVEL |
| IL | INVERT LEVEL |
| SL | SUMP LEVEL |
| B | BASE LEVEL |
| BILL | BACKGROUND INVERT LEVEL |

DESIGN NOTES

1. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 40%.
2. DRAIN POINTS AND LOCATIONS TO BE CONFIRMED BY ARCHITECT.
3. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
4. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.
5. THE PROPOSED CONNECTIONS INTO THE ADOPTED SEWER NETWORK AND THE DISCHARGE RATES WILL ALL BE SUBJECT TO APPROVAL AND INSPECTION BY SOUTHERN WATER UNDER THE TERMS OF A SECTION 106 AGREEMENT.
6. ALL ADAPTABLE ELEMENTS OF THE WORKS TO BE CONSTRUCTED AS DETAILED IN THE SECTOR GUIDANCE IN RELATION TO THE ADOPTION OF SEWERAGE ASSETS BY SEWERAGE COMPANIES IN ENGLAND AS ENABLED BY WATER UK'S CODE FOR ADOPTIONS.
7. THE PROPOSED DRAINAGE LAYOUT IS SUBJECT TO DRAINAGE SURVEY OUTCOME CONFIRMING PIPE SIZES AND INVERT LEVELS OF EXISTING MANHOLES FORMING FINAL OUTFALLS OF THE SITE'S PROPOSED DRAINAGE NETWORK. ANY VARIATIONS TO BE REPORTED TO THE ENGINEER PRIOR TO COMMENCING ANY WORKS ON SITE. WORK TO COMMENCE AT DOWNSTREAM END WHEREVER POSSIBLE.

FOR SPECIFICATION NOTES REFER TO DRAWING 10768-1601

16	Service margin, buffer zones and easement zone around SUDS, existing/propose watercourses added.	19/10/22	DT	MR
17	Private N422 house types changed to N421.	17/06/22	DT	MR
18	Amended to suit ICOSA Water comments	10/05/22	DT	MR
19	Rising main levels amended. Wash out valve manhole added.	04/05/22	DT	MR
20	Adoptable highway road gully/private road gully cover levels added. Engineering III thickness adjusted underneath ponds to suit updated buoyancy calculations. EXFMH303 location updated to match survey information. Drawing updated to suit client's comments dated 20/03/22	19/04/22	DT	MR
21	Drainage layout updated	28/03/22	DT	MR
22	Initial issue	18/03/22	DT	MR
23	Amendments	14/02/22	DT	MR
24	Drawn	14/02/22	DT	MR
25	Checked	14/02/22	DT	MR
26	Approved	14/02/22	DT	MR
27	Final	14/02/22	DT	MR
28	Issue	14/02/22	DT	MR
29	Issue	14/02/22	DT	MR
30	Issue	14/02/22	DT	MR
31	Issue	14/02/22	DT	MR
32	Issue	14/02/22	DT	MR
33	Issue	14/02/22	DT	MR
34	Issue	14/02/22	DT	MR
35	Issue	14/02/22	DT	MR
36	Issue	14/02/22	DT	MR
37	Issue	14/02/22	DT	MR
38	Issue	14/02/22	DT	MR
39	Issue	14/02/22	DT	MR
40	Issue	14/02/22	DT	MR
41	Issue	14/02/22	DT	MR
42	Issue	14/02/22	DT	MR
43	Issue	14/02/22	DT	MR
44	Issue	14/02/22	DT	MR
45	Issue	14/02/22	DT	MR
46	Issue	14/02/22	DT	MR
47	Issue	14/02/22	DT	MR
48	Issue	14/02/22	DT	MR
49	Issue	14/02/22	DT	MR
50	Issue	14/02/22	DT	MR
51	Issue	14/02/22	DT	MR
52	Issue	14/02/22	DT	MR
53	Issue	14/02/22	DT	MR
54	Issue	14/02/22	DT	MR
55	Issue	14/02/22	DT	MR
56	Issue	14/02/22	DT	MR
57	Issue	14/02/22	DT	MR
58	Issue	14/02/22	DT	MR
59	Issue	14/02/22	DT	MR
60	Issue	14/02/22	DT	MR
61	Issue	14/02/22	DT	MR
62	Issue	14/02/22	DT	MR
63	Issue	14/02/22	DT	MR
64	Issue	14/02/22	DT	MR
65	Issue	14/02/22	DT	MR
66	Issue	14/02/22	DT	MR
67	Issue	14/02/22	DT	MR
68	Issue	14/02/22	DT	MR
69	Issue	14/02/22	DT	MR
70	Issue	14/02/22	DT	MR
71	Issue	14/02/22	DT	MR
72	Issue	14/02/22	DT	MR
73	Issue	14/02/22	DT	MR
74	Issue	14/02/22	DT	MR
75	Issue	14/02/22	DT	MR
76	Issue	14/02/22	DT	MR
77	Issue	14/02/22	DT	MR
78	Issue	14/02/22	DT	MR
79	Issue	14/02/22	DT	MR
80	Issue	14/02/22	DT	MR
81	Issue	14/02/22	DT	MR
82	Issue	14/02/22	DT	MR
83	Issue	14/02/22	DT	MR
84	Issue	14/02/22	DT	MR
85	Issue	14/02/22	DT	MR
86	Issue	14/02/22	DT	MR
87	Issue	14/02/22	DT	MR
88	Issue	14/02/22	DT	MR
89	Issue	14/02/22	DT	MR
90	Issue	14/02/22	DT	MR
91	Issue	14/02/22	DT	MR
92	Issue	14/02/22	DT	MR
93	Issue	14/02/22	DT	MR
94	Issue	14/02/22	DT	MR
95	Issue	14/02/22	DT	MR
96	Issue	14/02/22	DT	MR
97	Issue	14/02/22	DT	MR
98	Issue	14/02/22	DT	MR
99	Issue	14/02/22	DT	MR
100	Issue	14/02/22	DT	MR