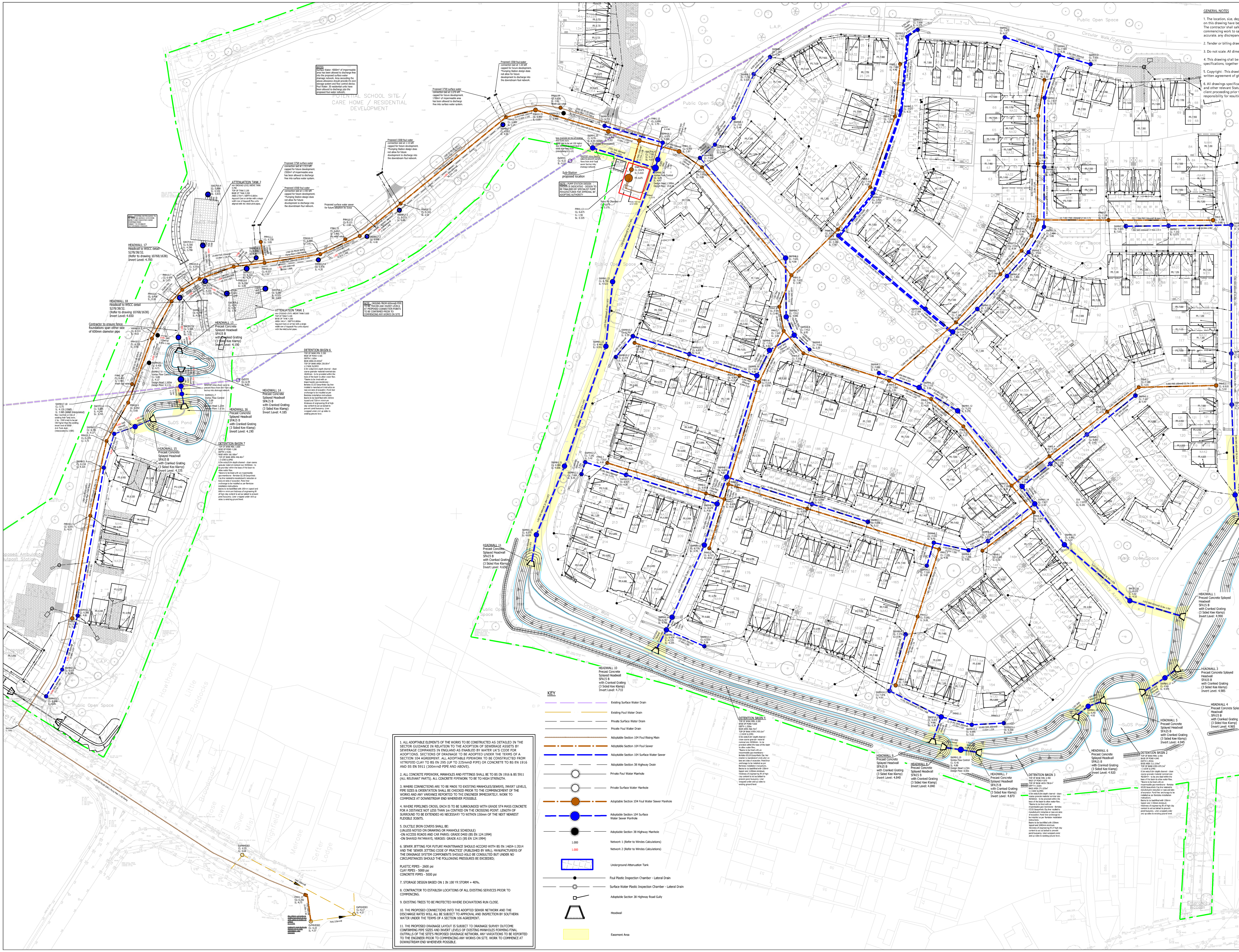


GENERAL NOTES

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 satisfy carry out intrusive investigations, trial holes or soundings pri or to commencing work to satisfy himself that it is safe to proceed 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.

1. ALL ADOPTABLE 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. SECTIONS OF DRAINAGE TO BE ADOPTED UNDER THE TERMS OF A SECTION 104 AGREEMENT. ALL ADOPTABLE PIPEWORK TO BE CONSTRUCTED FROM VITRIFIED CLAY TO BS EN 295 (UP TO 225mmØ PIPE) OR CONCRETE TO BS EN 1916 AND BS EN 5911 (300mmØ PIPE AND ABOVE).

2. ALL CONCRETE PIPEWORK, MANHOLES AND FITTINGS SHALL BE TO BS EN 1916 & BS 5911 (ALL RELEVANT PARTS). ALL CONCRETE PIPEWORK TO BE TO HIGH STRENGTH.

3. WHERE CONNECTIONS ARE TO BE MADE TO EXISTING MANHOLES/SEWERS, INVERT LEVELS, PIPE SIZES & ORIENTATION SHALL BE CHECKED PRIOR TO THE COMMENCEMENT OF THE WORKS AND ANY VARIANCE REPORTED TO THE ENGINEER IMMEDIATELY. WORK TO COMMENCE AT DOWNSTREAM END WHEREVER POSSIBLE.

4. WHERE PIPELINES CROSS, EACH IS TO BE SURROUNDED WITH GRADE ST4 MASS CONCRETE FOR A DISTANCE NOT LESS THAN 1m CENTRED ON THE CROSSING POINT. LENGTH OF SURROUND TO BE EXTENDED AS NECESSARY TO WITHIN 150mm OF THE NEXT NEAREST FLEXIBLE JOINTS.

5. DUCTILE IRON COVERS SHALL BE:
(UNLESS NOTED ON DRAWING OR MANHOLE SCHEDULE)
-ON ACCESS ROADS AND CAR PARKS: GRADE D400 (BS EN 124:1994)
-ON SHARED PATHWAYS, VERGES: GRADE A15 (BS EN 124:1994)

6. SEWER JETTING FOR FUTURE MAINTENANCE SHOULD ACCORD WITH BS EN 14654-1:2014 AND THE 'SEWER JETTING CODE OF PRACTICE' (PUBLISHED BY WRc). MANUFACTURERS OF THE DRAINAGE SYSTEM COMPONENTS SHOULD ASLO BE CONSULTED BUT UNDER NO CIRCUMSTANCES SHOULD THE FOLLOWING PRESSURES BE EXCEEDED;

PLASTIC PIPES - 2600 psi
CLAY PIPES - 5000 psi
CONCRETE PIPES - 5000 psi

7. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 40%.

8. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.

9. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.

10. 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.

11. 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.

KEY

- Existing Surface Water Drain
- Existing Foul Water Drain
- Private Surface Water Drain
- Private Foul Water Drain
- Adoptable Section 104 Foul Rising Main
- Adoptable Section 104 Foul Sewer
- Adoptable Section 104 Surface Water Sewer
- Adoptable Section 38 Highway Drain
- Private Foul Water Manhole
- Private Surface Water Manhole
- Adoptable Section 104 Foul Water Sewer Manhole
- Adoptable Section 104 Surface Water Sewer Manhole
- Adoptable Section 38 Highway Manhole
- 1.000 Network 1 (Refer to Windes Calculations)
- 1.000 Network 2 (Refer to Windes Calculations)
- Underground Attenuation Tank
- Foul Plastic Inspection Chamber - Lateral Drain
- Surface Water Plastic Inspection Chamber - Lateral Drain
- Adoptable Section 38 Highway Road Gully
- Headwall
- Easement Area

Rev	Amendments	Date	Dsn	Chk
P14	Revised to LLFA comments. Basin 5 removed and replaced with Tank 1. Control flows revised.	05/01/23	SDL	MR
P13	Updates to suit latest engineering layout. Substation and pumping station moved. Detention basin 4 amended. SW drainage amended from Headwall 11 to SWMH1.25, HWMH16.1 to SWMH1.25 & private sw drainage for plots 9-15.	03.11.22	DT	MR
P12	Updated to suit latest engineering layout. SWMH17.9 discharge flow rate updated. Detention basin 5 / attenuation tank 1 amended.	19/10/22	DT	MR
P11	Pumping station width changed from 9m to 9.5m.	09/06/22	DT	MR
P10	Pumping station outline added to Icosa Water comments.	08/06/22	DT	MR
P9	Notes regarding foul connection tails amended. (FMH11.1, FMH10.13, FMH10.14)	06/06/22	DT	MR
P8	Notes regarding foul connection tails added. (FMH10.13, FMH10.14)	01/06/22	DT	MR
P7	Run SWMH17.1-17.9, SWMH18.1-17.5, SWMH19.1-17.6 & Headwall 12 - SWCP17.6 subject to S104 agreement when future development proceeds.	12/05/22	DT	MR
P6	Amended to suit ICOSA Water comments	10/05/22	DT	MR
P5	Rising main levels amended. Wash out valve manhole added.	03/05/22	DT	MR
P4	Engineering fill thickness adjusted underneath ponds to suit updated buoyancy calculations. EXFMH9303 location updated to match survey information.	19/04/22	DT	MR
P3	Drawing updated to suit client's comments dated 28/03/22	28/03/22	DT	MR
P2	Drainage layout updated.	18/03/22	DT	MR
P1	Initial Issue	25/02/22	DT	MR

Status: PRELIMINARY

Client: Taylor Wimpey

Architect

Project: SEFTER ROAD BOGNOR REGIS

Title: SECTION 104 AGREEMENT PLAN

Date: FEBRUARY 2022
Scale @ A0: 1:500
Clients Ref.
Project Ref.: 10768

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Drawing Number: 10768/1140
Rev.: P14

ARUN DISTRICT COUNCIL P/88/22/DOC