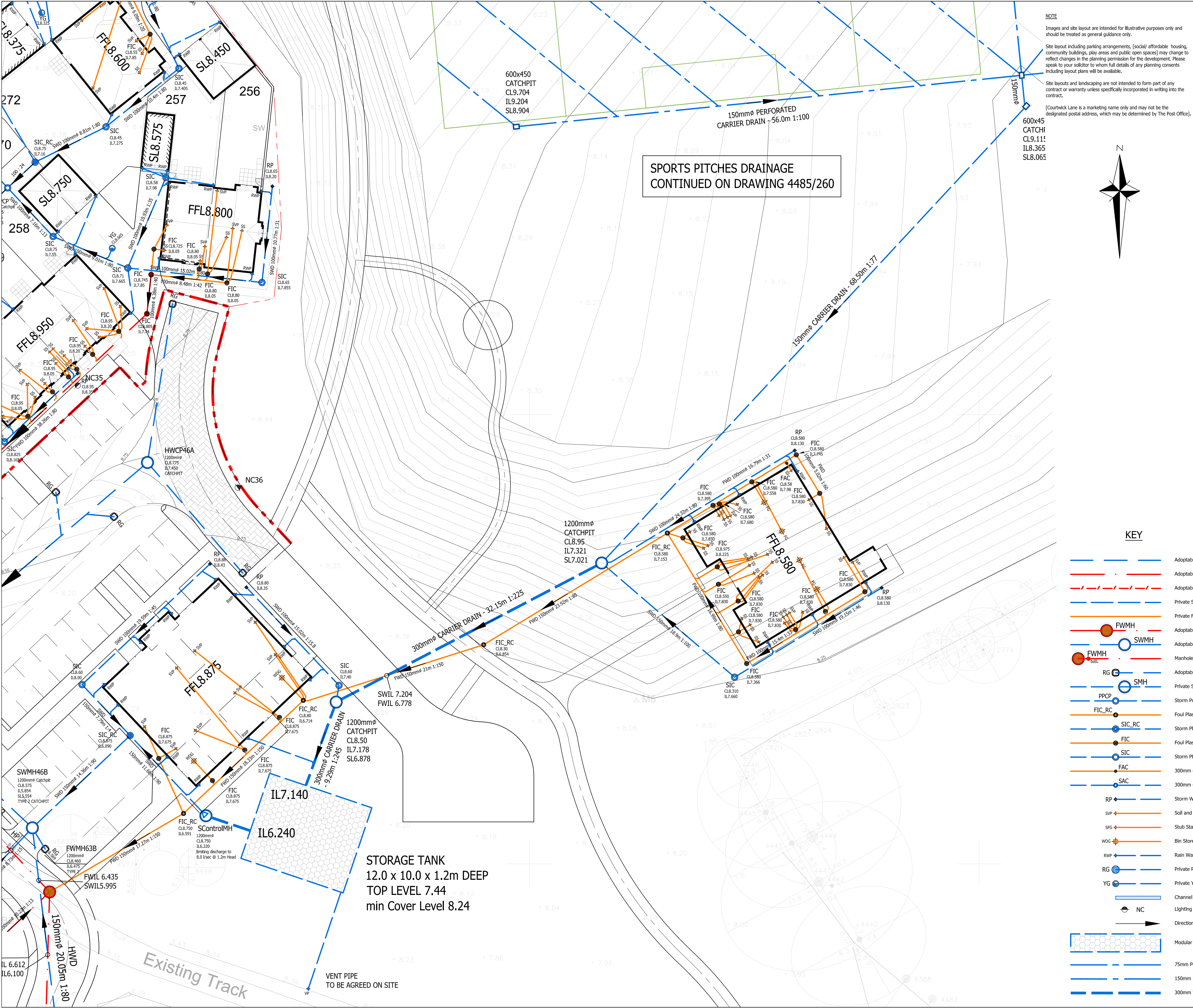




NOTE

Images and site layout are intended for illustrative purposes only and should be treated as general guidance only.

Site layout including parking arrangements, [social/ affordable housing, community buildings, play areas and public open spaces] may change to reflect changes in the planning permission for the development. Please speak to your solicitor to whom full details of any planning consents including layout plans will be available.

Site layouts and landscaping are not intended to form part of any contract or warranty unless specifically incorporated in writing into the contract.

[Courtwick Lane is a marketing name only and may not be the designated postal address, which may be determined by The Post Office].

- 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 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.

- DESIGN NOTES**
1. ALL ADAPTABLE SEWERS SHALL BE CONSTRUCTED TO THE STANDARDS LAID DOWN IN "SEWERS FOR ADOPTION" 7th EDITION, AND SOUTHERN WATER SPECIFICATIONS, WITH A VIEW TO ADOPTION UPON COMPLETION.
 2. BEFORE CONNECTIONS ARE MADE TO EXISTING DRAINAGE, IT'S LEVEL IS TO BE CHECKED AND CONFIRMED AGAINST LEVELS SHOWN ON THIS DRAWINGS AND THIS OFFICE INFORMED OF ANY SIGNIFICANT DIFFERENCE.
 3. ALL SEWERS WITH LESS THAN 1.2m OF COVER WHEN LAID BENEATH THE ROADS, OR 0.9m OF COVER IN OTHER AREAS, SHALL BE PROTECTED WITH CONCRETE IN ACCORDANCE WITH EITHER OF THE DETAILS SHOWN ON THE STANDARD DRAWING PROVIDED (FOR BEDDING TYPE LOCATIONS, REFER TO SEWER SECTIONS).
 4. THE MINIMUM SIZE OF PIPE CONNECTING GULLIES TO THE SOAKAWAYS SHALL BE 150mm DIA. LAID AT A MINIMUM GRADIENT OF 1 IN 80.
 5. ALL SOAKAWAYS TO BE CONSTRUCTED TO THE MINIMUM DEPTHS SHOWN ON THIS DRAWING AND THOSE SHOWN ON THE "STANDARD DRAWINGS".
 6. IN ORDER TO MAINTAIN THE SATISFACTORY FUNCTIONING OF SOAKAWAYS, ALL ROAD AND YARD GULLIES ARE TO BE "TRAPPED".
 7. ALL NON ADAPTABLE LATERALS BENEATH THE HIGHWAY SHALL BE BACKFILLED WITH LEAN MIX CONCRETE UNLESS OTHERWISE AGREED WITH THE HIGHWAYS ENGINEER.
 8. ALL PRIVATE SEWERS ARE TO BE 100mm DIA. UNLESS OTHERWISE STATED. THE PRIVATE DRAINAGE DESIGN ON THE PLAN HAS BEEN BASED ON THE PRINCIPLES OF A U-PVC SYSTEM. IT CAN BE ADAPTED TO SUIT A STONEWARE SYSTEM BUT REFERENCE SHOULD BE MADE TO THIS OFFICE BEFORE AMENDMENTS ARE MADE.
 9. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT "H" BRITISH STANDARD BS01, AND TO THE SATISFACTION OF THE BUILDING CONTROL SECTION.
 10. MANHOLES SITUATED WITHIN AREAS ACCESSIBLE TO MOTOR VEHICLES ARE TO BE FITTED WITH SUITABLE STRENGTH COVERS AND FRAMES.
 11. WHERE DRAINS PASS THROUGH FOUNDATIONS, A FLEXIBLE JOINT SHOULD BE PROVIDED WITHIN 150mm OF THE FACE OF THE STRUCTURE, WHERE TYPE 2 MANHOLES ARE EMPLOYED OR CONCRETE SURROUNDING IS ADDED TO OTHER MANHOLES A ROCKER PIPE OF MAX 600mm IN LENGTH SHALL BE PROVIDED EITHER SIDE OF THE MANHOLE, LAID AT A SLIGHTLY STEEPER GRADIENT TO ALLOW FOR SETTLEMENT.
 12. SLUB STACKS FITTED WITH AIR ADMITTANCE VALVES MAY BE USED INSTEAD OF SOIL AND VENT PIPES, SUBJECT TO THE ARCHITECTS APPROVAL, (EXCEPT WHERE THE DRAINAGE CONNECTION EXCEEDS 10m BEFORE CONNECTING WITH ANOTHER VENTILATED DRAIN OR INSPECTION CHAMBER OR MANHOLE). HEAD OF DRAIN VENT PIPES MUST NOT BE FITTED WITH AIR ADMITTANCE VALVES.
 13. SHALLOW PRIVATE DRAINS MAY REQUIRE PROTECTION USING CONCRETE SURROUND OR PAVING SLABS BRIDGING THE TRENCH SUBJECT TO THE BUILDING INSPECTOR'S REQUIREMENTS.
 14. APPROPRIATE MEASURES (TO BE AGREED WITH THE BUILDING CONTROL SECTION), ARE TO BE TAKEN TO DISCOURAGE RODENT ENTRY INTO THE PROPERTIES.
 15. WHERE DRAIN RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACKFILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
 16. REFERENCE SHOULD BE MADE TO THE STRUCTURAL ENGINEERS DETAILS FOR ALL ASPECTS OF FOUNDATION DESIGN AND CONSTRUCTION.
 17. BEFORE DETERMINING THE AMOUNT OF FACE BRICKWORK TO EACH UNIT, CONSIDERATION MUST BE GIVEN TO THE PROPOSED FINISHED GROUND LEVELS IN THE VICINITY OF THE PROPERTY. THE LEVELS SHOWN ON THE EXTERNAL WORKS DRAWINGS HAVE BEEN DESIGNED UPON THE PARAMETERS SET DOWN IN THE APPROVED DOCUMENT "H" OF THE BUILDING REGULATIONS 2000 (2004 EDITION) - REFER TO DRAWINGS 4485/230-234.
 18. THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
 19. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
 20. IT IS THE SUBCONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE.

KEY

- Adoptable Highway Drainage S38
- Adoptable Foul Drainage S104
- Adoptable Foul Rising Main S104
- Private Storm Drainage
- Private Foul Drainage
- FWMH
- Adoptable Foul Sewer Manhole
- SWMH
- Adoptable Highway Drainage Manhole
- FWMH with Backdrop Connection
- Adoptable Road Gully
- Private Storm Manhole
- Storm Polypropylene CatchPit IC
- PPCP
- FIC_RC
- Foul Plastic Reduced Cover IC
- SIC_RC
- Storm Plastic Reduced Cover IC
- FIC
- Foul Plastic Inspection Chamber - D202.6
- SIC
- Storm Plastic Inspection Chamber - D202.6
- FAC
- 300mm Foul Water Access Chamber
- SAC
- 300mm Storm Water Access Chamber
- RP
- Storm Water Rodding Point
- SVP
- Soil and Vent Pipe
- SFG
- Stub Stack or Direct Drain Connection
- WDG
- Bin Store Wash-Down Gully
- RWP
- Rain Water Pipe
- RG
- Private Road Gully
- YG
- Private Yard Gully
- Channel Drain
- Lighting Columns
- NC
- Direction of Fall
- Modular 'Crate' Storage Tank
- 75mm Perforated Land Drain
- 150mm Perforated Land Drain - Carrier Drain
- 300mm 'Twinwall' Carrier Drain

STORAGE TANK
12.0 x 10.0 x 1.2m DEEP
TOP LEVEL 7.44
min Cover Level 8.24

Existing Track

A	CHANGING FACILITIES MOVED TO COMPLY WITH FIRE HOSE LENGTH REQUIREMENTS			29.03.18	DMS	ds
-	INITIAL ISSUE			14.02.18	DMS	NS
Rev	Amendments			Date	Dsn	Chk
Status						
PRELIMINARY						
Client						
 BARRATT HOMES						
Project						
COURTWICK LANE LITTLEHAMPTON, W SUSSEX						
Title						
COMMERCIAL UNIT & CHANGING FACILITIES DRAINAGE LAYOUT						
Date		FEBRUARY 2018		Scale @ A1		1:200
Base Layout Ref.		CAD File ref.				
Clients Ref.		Project Ref.		4485		
 consulting engineers Gloucester House, 66a Church Walk, Burgess Hill, West Sussex, RH15 9AS Tel.01444 871444 Web: www.gtacivils.co.uk						
Drawing Number					Rev.	
4485/259					A	