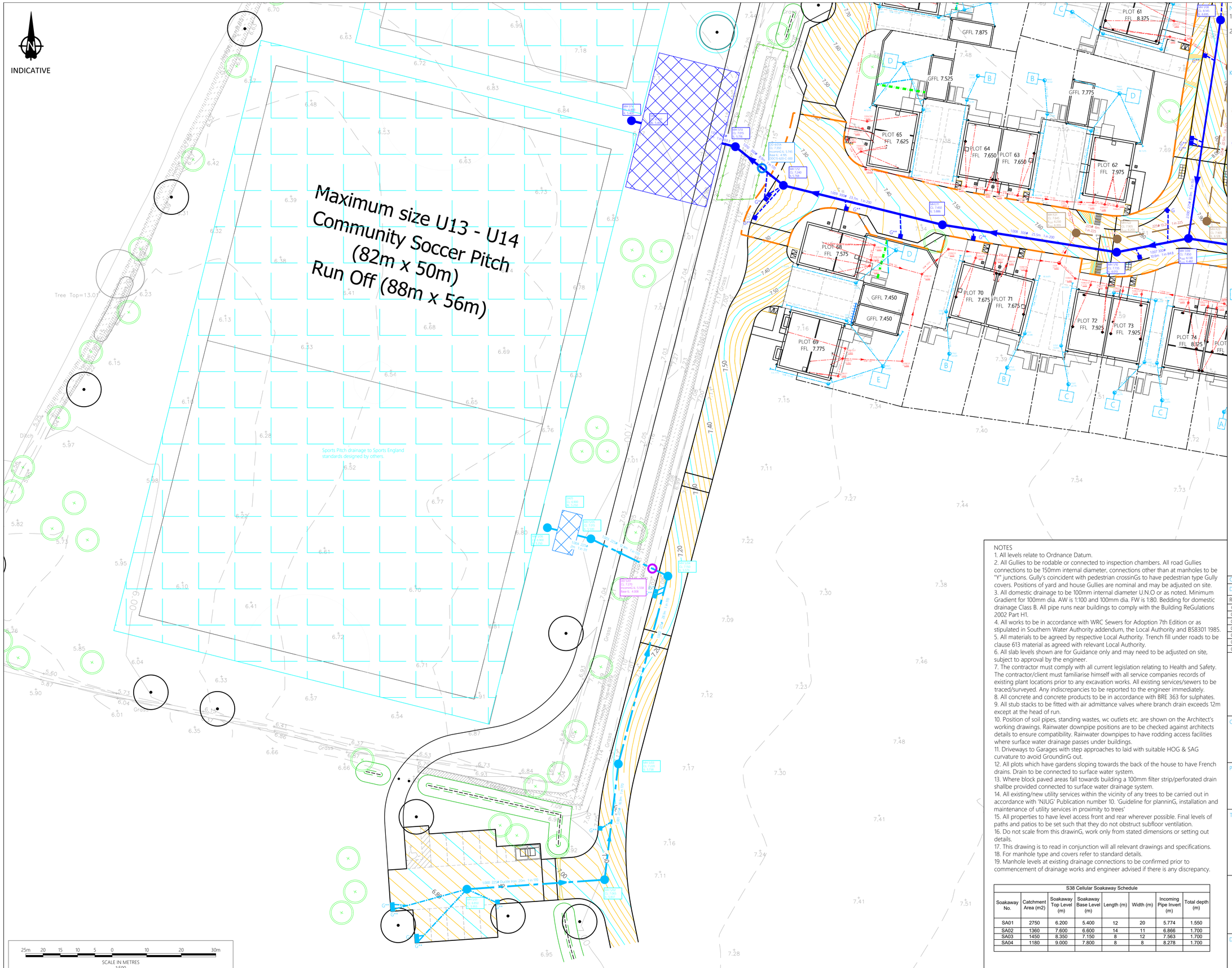

Notes

1. Do not scale from this drawing. All dimensions shown are in metres unless noted otherwise.
2. This drawing has been based upon topographical survey information produced by Brunel Surveys Ltd and Milestone Transport Planning cannot be held responsible for any discrepancies which may arise because of it.

KEY

- S104 Adoptable Foul Water Sewer Pipe, Diameter, Material, Gradient and BeddinG
- S104 Adoptable Foul Manhole (1200mm diameter unless stated otherwise)
- S38 Adoptable Highway Drain
- S38 Adoptable Highway Catchpit Manhole to WSCC Std Detail WSCC/278/38/13 (1200mm diameter unless stated otherwise)
- G** S38 Highway Gully with 150mm Dia Connection Pipe
- S38 Highway Soakaway to WSCC Std Detail WSCC/278/38/34-35
- Foul Drain with Type 3 450mm Internal Dia. Inspection Chamber, Pipe Diameter and Gradient
- Foul Drain with Type 4 250/350mm Internal Dia. Inspection Chamber, Pipe Diameter and Gradient
- Surface Water Drain with Type 3 450mm Internal Dia. Inspection Chamber, Pipe Diameter and Gradient and Invert Level
- Surface Water Rodding Eye and Invert Level
- B Surface Water Crate House Soakaway. Refer to standard detail. Maximum depth to invert of crate 1.68m below finished Ground level. Depth of crates shall be 1.2m. Crate plan dimensions as follows: A = 1.0m x 1.5m; B = 1.5m x 1.5m; C = 1.5m x 2.0m; D = 2.0m x 2.0m; E = 2.0m x 2.5m; F = 2.5m x 2.5m
- Aco Drain
- Trench Soakaway with Grass surface at low point in Gardens for Garden surface water run-off
- P4SVT S# ### Silt pit with reference number and pipe invert level
- DDV/** Hydro International Concrete Downstream Defender Select Advanced Vortex for Unit Reference refer to plan or similar approved.

NOTES

1. All levels relate to Ordnance Datum.
2. All Gullies to be rodable or connected to inspection chambers. All road Gullies connections to be 150mm internal diameter, connections other than at manholes to be "Y" junctions. Gully's coincident with pedestrian crossinGs to have pedestrian type Gully covers. Positions of yard and house Gullies are nominal and may be adjusted on site.
3. All domestic drainage to be 100mm internal diameter U.N.O or as noted. Minimum Gradient for 100mm dia. AW is 1:100 and 100mm dia. FW is 1:80. Bedding for domestic drainage Class B. All pipe runs near buildings to comply with the Building ReGulations 2002 Part H1.
4. All works to be in accordance with WRC Sewers for Adoption 7th Edition or as stipulated in Southern Water Authority addendum, the Local Authority and BS8301 1985.
5. All materials to be agreed by respective Local Authority. Trench fill under roads to be clause 613 material as agreed with relevant Local Authority.
6. All slab levels shown are for Guidance only and may need to be adjusted on site, subject to approval by the engineer.
7. The contractor must comply with all current legislation relating to Health and Safety. The contractor/client must familiarise himself with all service companies records of existing plant locations prior to any excavation works. All existing services/sewers to be traced/surveyed. Any indiscrepancies to be reported to the engineer immediately.
8. All concrete and concrete products to be in accordance with BRE 363 for sulphates.
9. All stub stacks to be fitted with air admittance valves where branch drain exceeds 12m except at the head of run.
10. Position of soil pipes, standing wastes, wc outlets etc. are shown on the Architect's working drawings. Rainwater downpipe positions are to be checked against architects details to ensure compatibility. Rainwater downpipes to have rodding access facilities where surface water drainage passes under buildings.
11. Driveways to Garages with step approaches to laid with suitable HOG & SAG curvature to avoid GroundinG out.
12. All plots which have gardens sloping towards the back of the house to have French drains. Drain to be connected to surface water system.
13. Where block paved areas fall towards building a 100mm filter strip/perforated drain shallbe provided connected to surface water drainage system.
14. All existing/new utility services within the vicinity of any trees to be carried out in accordance with 'NJUG' Publication number 10. 'Guideline for planninG, installation and maintenance of utility services in proximity to trees'
15. All properties to have level access front and rear wherever possible. Final levels of paths and patios to be set such that they do not obstruct subfloor ventilation.
16. Do not scale from this drawinG, work only from stated dimensions or setting out details.
17. This drawing is to read in conjunction will all relevant drawings and specifications.
18. For manhole type and covers refer to standard details.
19. Manhole levels at existing drainage connections to be confirmed prior to commencement of drainage works and engineer advised if there is any discrepancy.

S38 Cellular Soakaway Schedule

Soakaway No.	Catchment Area (m2)	Soakaway Top Level (m)	Soakaway Base Level (m)	Length (m)	Width (m)	Incoming Pipe Invert (m)	Total depth (m)
SA01	2750	6.200	5.400	12	20	5.774	1.550
SA02	1360	7.600	6.600	14	11	6.866	1.700
SA03	1450	8.350	7.150	8	12	7.563	1.700
SA04	1180	9.000	7.800	8	8	8.278	1.700

Ordnance Survey Licence number: 100057360

Drawing Revisions

Rev:	Drn:	Date:	Details	Chk:
C01	BM	16/04/2024	CONSTRUCTION ISSUE	BM
C02	AM	22/04/2024	Minor amendments	BM
C03	AM	03/05/2024	Minor amendments	BM
C04	AM	12/07/2024	Bollards added and bunds amended	BM
C05	AM	13/09/2024	Minor amendments	BM
C06	AM	17/09/2024	Minor amendments	BM
C07	AM	20/09/2024	Minor amendments	BM

Client:
Persimmon Homes (Thames Valley) Ltd

Project:
West Sompting, West Sussex

Title:
Phase 1 Engineering Details - Drainage Layout

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