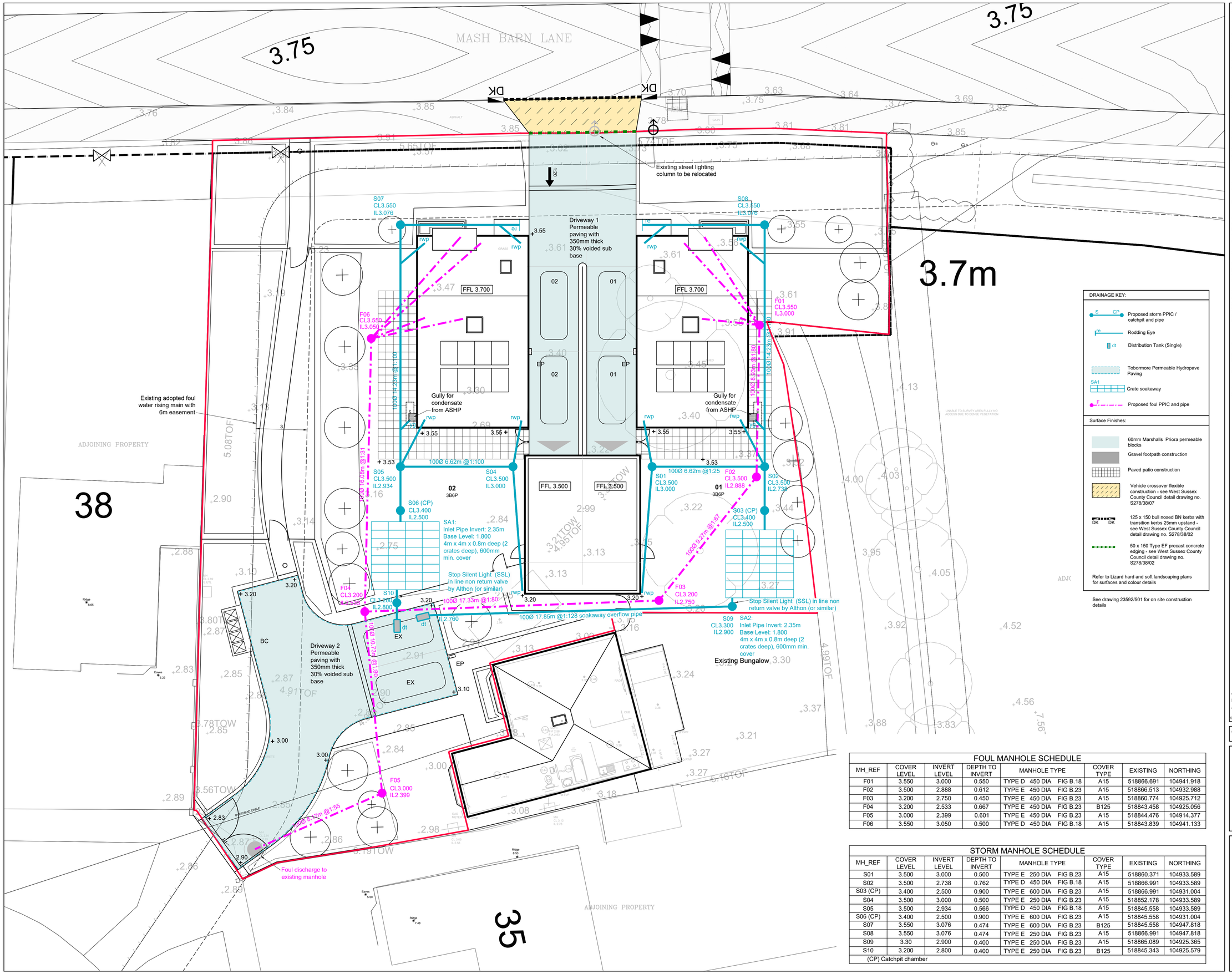

GENERAL NOTES:

1. All dimensions to be checked on site. All details and dimensions relating to sub-Contractors work must be checked and agreed between the sub-Contractor or supplier and the general Contractor.

2. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.

3. The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.

4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.

DRAINAGE NOTES:

1. All adoptable pipes, bends and junctions shall be vitrified clay in accordance with the current version of BS EN 295-1, with flexible joints and kitemark certified.

2. All Adoptable sewers shall be in strict accordance with the SSG Appendix C - Design and Construction Guidance. Unless otherwise stated adoptable sewers shall be 150mm diameter and shall be laid in a class S bedding. Where the depth to soffit is less than 1.2m under a public highway or 0.9m elsewhere the pipe shall be laid with a class Z bedding.

3. All private building drainage shall be constructed in strict in accordance with the current version of BS EN 752:2017. Unless otherwise specified building drainage shall be 100mm diameter and shall be laid at a minimum gradient of 1 in 40 for foul drains and 1 in 80 for surface water drains. All building drains shall be laid in class B bedding unless otherwise specified.

4. Where a pipe is within 1m of a foundation the trench shall be filled with class GEN 3 concrete up to the lowest level of the foundation. Where the trench is further than 1m from the foundation, the trench shall be filled with class GEN 3 concrete to a level below the lowest level for the foundation equal to the distance from the foundation less 150mm. In both cases the pipe shall be bedded and surrounded in 150mm thick class GEN 3 concrete.

5. Where pipes, external to the structures, have a depth to soffit from ground level of less than 450mm they shall have a class GEN 3 concrete encasement (150mm thick). In all other cases the pipes shall be bedded and surrounded with 100mm thick granular material.

6. In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreboard or polystyrene) shall be provided at a maximum of 8m centres (coinciding with pipe joints). The boards shall be pre-cut to pipe diameter and to a height and width equal to the concrete cross section. A board thickness of 18mm for pipes up to 450mm nominal diameter and 36mm for pipes over 450mm nominal diameter.

7. All svps shall have rodding access plates fitted at their bases (ground floor level).

8. Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.

9. Any discrepancy between the drawing and site should be reported immediately to the Engineer.

10. All manhole and chamber sizes are given as a minimum to meet the SSG Appendix C-Design and Construction Guidance

DRAINAGE KEY:

- S — CP: Proposed storm PPIC / catchpit and pipe
- re: Rodding Eye
- dt: Distribution Tank (Single)
- Tobormore Permeable Hydropave Paving
- SA1: Crate soakaway
- F: Proposed foul PPIC and pipe

Surface Finishes:

- 60mm Marshalls Priora permeable blocks
- Gravel footpath construction
- Paved patio construction
- Vehicle crossover flexible construction - see West Sussex County Council detail drawing no. S278/38/07
- DK DK: 125 x 150 bull nosed BN kerbs with transition kerbs 25mm upstand - see West Sussex County Council detail drawing no. S278/38/02
- 50 x 150 Type EF precast concrete edging - see West Sussex County Council detail drawing no. S278/38/02

Refer to Lizard hard and soft landscaping plans for surfaces and colour details

See drawing 23592/501 for on site construction details

N

-1m 0 1m 2m 3m 4m

FOUL MANHOLE SCHEDULE

MH_REF	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	MANHOLE TYPE	COVER TYPE	EXISTING	NORTHING
F01	3.550	3.000	0.550	TYPE D 450 DIA FIG B.18	A15	518866.691	104941.918
F02	3.500	2.888	0.612	TYPE E 450 DIA FIG B.23	A15	518866.513	104932.988
F03	3.200	2.750	0.450	TYPE E 450 DIA FIG B.23	A15	518860.774	104925.712
F04	3.200	2.533	0.667	TYPE E 450 DIA FIG B.23	B125	518843.458	104925.056
F05	3.000	2.399	0.601	TYPE E 450 DIA FIG B.23	A15	518844.476	104914.377
F06	3.550	3.050	0.500	TYPE D 450 DIA FIG B.18	A15	518843.839	104941.133

STORM MANHOLE SCHEDULE

MH_REF	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	MANHOLE TYPE	COVER TYPE	EXISTING	NORTHING
S01	3.500	3.000	0.500	TYPE E 250 DIA FIG B.23	A15	518860.371	104933.589
S02	3.500	2.738	0.762	TYPE D 450 DIA FIG B.18	A15	518866.991	104933.589
S03 (CP)	3.400	2.500	0.900	TYPE E 600 DIA FIG B.23	A15	518866.991	104931.004
S04	3.500	3.000	0.500	TYPE E 250 DIA FIG B.23	A15	518852.178	104933.589
S05	3.500	2.934	0.566	TYPE D 450 DIA FIG B.18	A15	518845.558	104933.589
S06 (CP)	3.400	2.500	0.900	TYPE E 600 DIA FIG B.23	A15	518845.558	104931.004
S07	3.550	3.076	0.474	TYPE E 600 DIA FIG B.23	B125	518845.558	104947.818
S08	3.550	3.076	0.474	TYPE E 250 DIA FIG B.23	A15	518866.991	104947.818
S09	3.30	2.900	0.400	TYPE E 250 DIA FIG B.23	A15	518865.089	104925.365
S10	3.200	2.800	0.400	TYPE E 250 DIA FIG B.23	B125	518845.343	104925.579

(CP) Catchpit chamber

REV	DATE	INT	DESCRIPTION	CHK
C	19.01.22	AJD	Design updated	SRM
B	17.11.21	AJD	Drawing updated	SRM
A	12.11.21	AJD	Vehicle crossover details added	SRM

Issue Status FOR TENDER

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CLIENT: The Community Stadium Ltd

PROJECT: 37 Barfield Park, Lancing

TITLE: Site Layout - Drainage And Levels

DRAWN	DATE	PROJECT NO.
A Davies	Nov 2021	23592
ENGINEER: S Doughty	CHECKED: SRM	DRG. No. 101 REV. C

SCALE: 1:100 @ A1, 1:200 @ A3