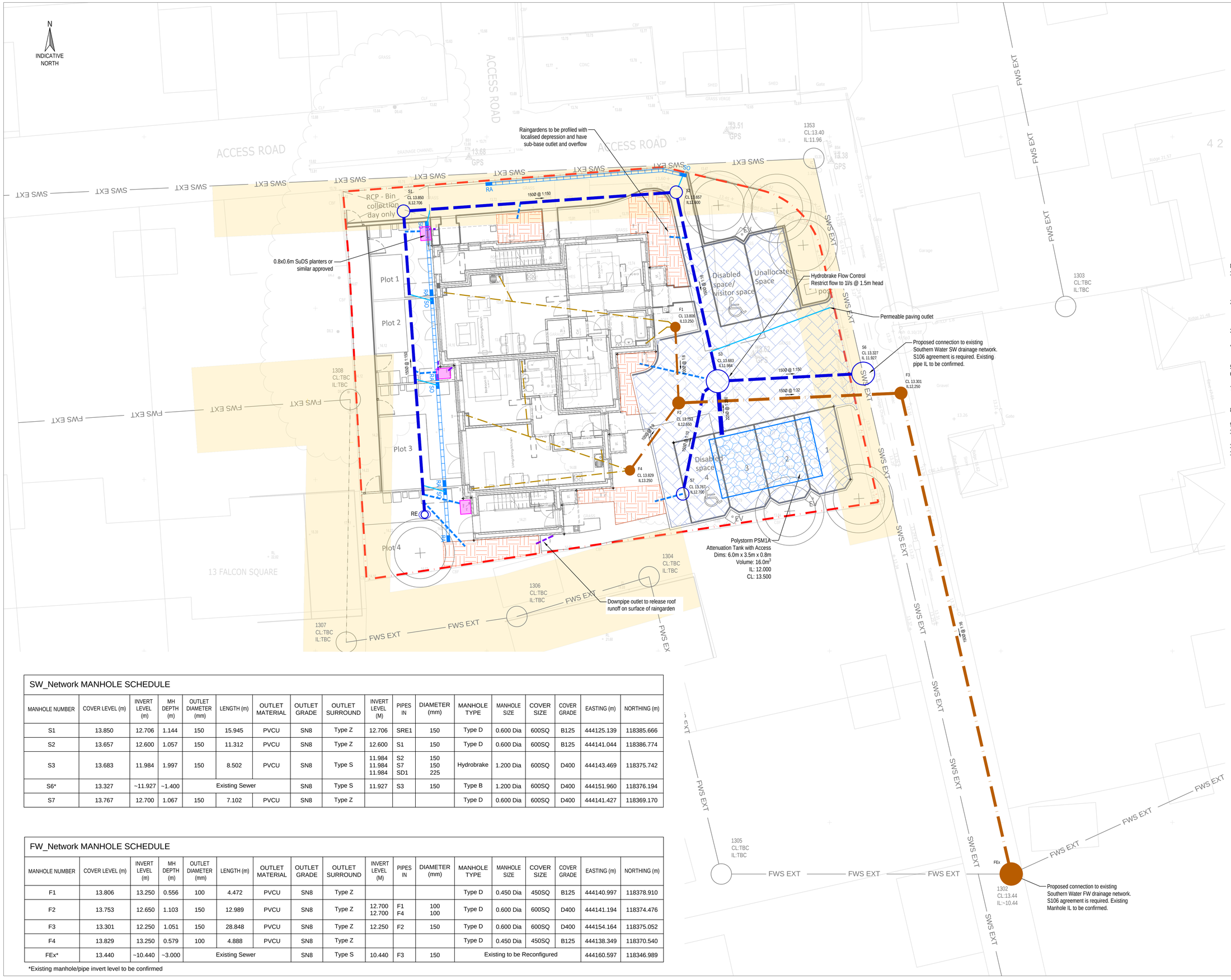

LEGEND

- Existing Public Foul Sewer
- Existing Public Surface Water Sewer
- Proposed Foul Water Sewer
- Proposed Surface Water Sewer
- Proposed SVP/SS Connection
- Proposed RWP Connection
- Proposed Downpipe Diversion
- Proposed Attenuation Tank
- Proposed Rodding Eye
- Proposed Gully
- Proposed Channel Drain
- Proposed Permeable Paving
- Proposed Raingarden
- Proposed SuDSplanter
- Indicative SW Easement

Notes:

1. Locations of existing sewers taken from Southern Water asset plans and topographic survey and may be inaccurate or incomplete. Downstream connection points and impacted sewer positions/levels to be confirmed prior to commencement.
2. All drainage to be constructed in accordance with Design and Construction Guidance for foul and surface water sewers (DCG) and all relevant Southern Water Addendums, building regulations 2010 approved document Part H and BS EN 752:2008.
3. Proposed drainage strategy is in accordance with approved drainage principles agreed under planning reference F/23/95177.
4. Attenuation storage shown has been sized to contain the 1 in 100 year including 40% climate change allowance rainfall event, while offsite discharges are restricted to 1l/s.
5. Flows to be restricted via a hydrobrake unit or similar approved.
6. Connection to public surface and foul sewer subject to confirmation by Southern Water and subsequent S106 application.
7. All drainage products to be installed in accordance with the manufacturer's or supplier's instructions. Inform designer if any conflict arise.
8. Proposed attenuation storage designed to Polystorm PMS1 specification with inspection unit to be provided at at inlet/outlet.
9. Channel Drains to be ACO Multidrain or similar approved.
10. Setting out of RWP and SVP points to be taken from architects plans.
11. SuDSPlanter to be SUDSPlanter 0.8x0.6m box or similar approved.
12. Refer to drawing 23270_550&551 for drainage details.

SW_Network MANHOLE SCHEDULE

MANHOLE NUMBER	COVER LEVEL (m)	INVERT LEVEL (m)	MH DEPTH (m)	OUTLET DIAMETER (mm)	LENGTH (m)	OUTLET MATERIAL	OUTLET GRADE	OUTLET SURROUND	INVERT LEVEL (M)	PIPES IN	DIAMETER (mm)	MANHOLE TYPE	MANHOLE SIZE	COVER SIZE	COVER GRADE	EASTING (m)	NORTHING (m)
S1	13.850	12.706	1.144	150	15.945	PVCU	SN8	Type Z	12.706	SRE1	150	Type D	0.600 Dia	600SQ	B125	444125.139	118385.666
S2	13.657	12.600	1.057	150	11.312	PVCU	SN8	Type Z	12.600	S1	150	Type D	0.600 Dia	600SQ	B125	444141.044	118386.774
S3	13.683	11.984	1.997	150	8.502	PVCU	SN8	Type S	11.984 11.984 11.984	S2 S7 SD1	150 150 225	Hydrobrake	1.200 Dia	600SQ	D400	444143.469	118375.742
S6*	13.327	~11.927	~1.400	Existing Sewer			SN8	Type S	11.927	S3	150	Type B	1.200 Dia	600SQ	D400	444151.960	118376.194
S7	13.767	12.700	1.067	150	7.102	PVCU	SN8	Type Z				Type D	0.600 Dia	600SQ	D400	444141.427	118369.170

FW_Network MANHOLE SCHEDULE

MANHOLE NUMBER	COVER LEVEL (m)	INVERT LEVEL (m)	MH DEPTH (m)	OUTLET DIAMETER (mm)	LENGTH (m)	OUTLET MATERIAL	OUTLET GRADE	OUTLET SURROUND	INVERT LEVEL (M)	PIPES IN	DIAMETER (mm)	MANHOLE TYPE	MANHOLE SIZE	COVER SIZE	COVER GRADE	EASTING (m)	NORTHING (m)
F1	13.806	13.250	0.556	100	4.472	PVCU	SN8	Type Z				Type D	0.450 Dia	450SQ	B125	444140.997	118378.910
F2	13.753	12.650	1.103	150	12.989	PVCU	SN8	Type Z	12.700 12.700	F1 F4	100 100	Type D	0.600 Dia	600SQ	D400	444141.194	118374.476
F3	13.301	12.250	1.051	150	28.848	PVCU	SN8	Type Z	12.250	F2	150	Type D	0.600 Dia	600SQ	D400	444154.164	118375.052
F4	13.829	13.250	0.579	100	4.888	PVCU	SN8	Type Z				Type D	0.450 Dia	450SQ	B125	444138.349	118370.540
FEx*	13.440	~10.440	~3.000	Existing Sewer			SN8	Type S	10.440	F3	150	Existing to be Reconfigured				444160.597	118346.989

*Existing manhole/pipe invert level to be confirmed

Rev	Date	Description	By	Apvd
T5	01.05.25	Separator replaced with SuDS features	MB	MB
T4	02.04.25	Cover levels revised for topo level changes	MB	MB
T3	17.03.25	Revised for RSA comments. MH S4 removed.	MB	MB
T2	17.01.24	Revised for finished levels	MB	DG
T1	17.11.23	Tender issue	MB	MB

PROJECT:
NIGHTINGALE AVE, EASTLEIGH

TITLE:
DRAINAGE LAYOUT

CLIENT:
DOSWELL PROJECTS

SCALE@A1:
1:100

PROJECT REF:
23270

DRAWING No: 500

REV: T5

Revision Referencing
P = Preliminary A = Approval T = Tender C = Construction

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