

Foul Water Pipe Schedule				
Pipe Reference	Pipe Diameter (mm)	Pipe Gradient (1:X)	Pipe Length (m)	Comments
F1.000	150	68.3	34.2	
F1.001	150	147.4	32.4	
F2.000	150	56.0	40.3	
F1.002	150	147.8	22.9	
F3.000	100	41.0	32.8	
F1.003	150	146.2	18.3	Backdrop into existing chamber
F4.000	100	40.0	67.0	
F4.001	100	39.5	13.2	
F5.000	100	17.3	18.5	
F5.001	100	12.6	8.1	
F4.002	100	80.0	5.6	Backdrop into existing chamber

Surface Water Pipe Schedule				
Pipe Reference	Pipe Diameter (mm)	Pipe Gradient (1:X)	Pipe Length (m)	Comments
S1.000	150	20.5	30.7	
S1.001	225	150.0	59.3	
S1.002	225	148.6	19.3	
S2.000	150	20.5	12.8	
S1.003	300	202.7	7.1	
S3.000	225	58.6	29.3	
S3.001	225	150.0	18.7	
S3.002	225	145.7	18.9	
S4.000	225	50.1	4.0	
S4.001	225	48.8	3.9	
S3.003	300	222.3	21.2	
S5.000	150	44.9	18.4	
S5.001	225	102.4	27.1	
S5.002	225	148.4	21.5	
S5.003	225	136.1	21.0	
S5.004	300	73.7	5.2	

Foul Water Chamber Schedule						
Chamber Reference	Cover Level (mAOD)	Max Chamber Depth (m)	Chamber Diameter (m)	Easting (m)	Northing (m)	Comments
F1/1	82.20	0.80	0.60	415098.73	127256.52	
F1/2	82.20	1.30	1.35	415113.92	127285.93	
F2/1	82.20	0.80	1.20 x 0.675	415066.93	127265.67	
F1/3	82.20	1.52	1.20	415085.04	127300.68	
F3/1	82.20	0.80	0.60	415049.51	127281.44	
F1/4	82.20	1.68	1.20	415064.65	127311.10	
F1/5	82.89	5.21	Existing Chamber	415048.37*	127319.40*	New backdrop to be installed to limit construction depths.
F4/1	86.35	0.80	0.60	415084.44	127232.09	
F4/2	86.10	2.23	1.20	415024.83	127262.59	
F5/1	86.35	1.10	0.60	415050.72	127273.16	
F5/2	86.35	2.17	1.20	415034.26	127281.66	
F4/3	86.35	2.80	1.20	415030.41**	127274.58**	
F4/4	85.30	6.99	Existing Chamber	415025.44*	127277.18*	New backdrop to be installed to limit construction depths.
* Approximate location of existing chamber. Location to be confirmed on site prior to construction.						
** Location to suit connection to existing chamber.						

Surface Water Chamber Schedule						
Chamber Reference	Cover Level (mAOD)	Max Chamber Depth, inc. Sump (m)	Chamber Diameter (m)	Easting (m)	Northing (m)	Comments
S1/1	83.60	1.10	0.60	415101.74	127257.48	
S1/2	82.10	1.20	1.35	415115.85	127284.78	
S1/3	82.20	1.67	1.20	415062.43	127310.41	
S2/1	82.20	1.10	0.60	415047.65	127281.85	
S1/4	82.20	1.88	1.20	415053.54	127293.26	
S3/1	85.50	1.15	0.60	415099.43	127249.69	
S3/2	85.40	1.55	1.20	415085.96	127223.66	
S3/3	86.00	2.28	1.20	415067.91	127228.48	
S4/1	86.60	2.57	1.50	415061.00	127202.53	Chamber to contain penstock to allow for containment of contamination from plant compound.
S4/2	86.60	N/A	3.9 x 1.2*	415062.09	127206.39	Full retention oil separator.
S3/4	86.60	2.86	1.20	415063.08	127210.16	Chamber to contain non-return valve to prevent flow backing up to oil separator.
S5/1	86.35	1.10	0.60	415049.67	127274.85	
S5/2	86.24	1.48	1.20	415033.38	127283.43	
S5/3	86.00	1.50	1.20	415020.91	127259.32	
S5/4	85.90	1.55	1.20	415040.39	127250.19	
S5/5	86.80	3.30	1.35	415035.12	127229.91	
* Approximate size based on assumed plant compound area of 1200m2. Size to be confirmed at detailed design.						

- Notes
- Do not scale any items or information from this drawing.
 - This drawing is to be printed in colour.
 - All dimensions shown in metres unless otherwise stated.
 - All levels are in metres above ordnance Datum (AOD).
 - This Drawing represents a RIBA Stage 3 Design for the proposed foul water drainage for the principal routes only (branch connections from buildings and gully locations are not included), based on information provided to Mott MacDonald. This design is subject to change through RIBA Stage 4 and shall not be used for construction.
 - Topographical survey data taken from RSK Geosciences survey (Ref: 2321207-TOPO-XX-ZZ-3D-G-0001-001), received 14/07/2025.
 - Utilities data taken from RSK Geosciences Desk Study (Ref: 4340819-DB-R01(00)) and RSK Geosciences PAS 128 Survey (Ref: 4340819-R01(00)), received 17/03/2026.
 - Proposed connections to the existing Wessex Water public sewer subject to approval from Statutory Undertaker. Approval to be obtained by Contractor prior to construction.
 - Foul water pipes sizes to be a maximum of 150mm diameter. Pipe runs from WCs assumed to be laid at a minimum gradient of 1:150 if number of WCs is greater than five and at 1:80 otherwise. Pipe runs not containing WCs assumed to be laid at a minimum gradient of 1:40. All internal connection are assumed to be 100mm diameter pipes.

Key to symbols

Reference Drawings

STECC-MMD-XX-XX-DR-CE-520010 - Surface Water General Arrangement
STECC-MMD-XX-XX-DR-CE-520011 - Foul Water General Arrangement
STECC-MMD-XX-XX-SP-SE-520007 - RIBA Stage 3 Drainage Specification
STECC-MMD-ZZ-ZZ-RP-CE-930001 - RIBA Stage 3 Drainage Strategy

P02	17/06/26	HC	RIBA 3 Submission	OWD	AL
P01	12/06/26	HC	Issued for Planning	OWD	PB
Rev	Date	Drawn	Description	Ch'k'd	App'd

M

MOTT MACDONALD

Mott MacDonald House
8-10 Sydenham Road
Croydon, CR0 2EE
United Kingdom

T +44 (0)20 8774 2000
F +44 (0)20 8681 5706
W mottmac.com

Client

Salisbury National Health Service (NHS) Foundation Trust

Title

Salisbury District Hospital
Diagnostic and Surgical Hub (DASH)
RIBA Stage 3
Drainage Schedules

Designed	H Clark	HC	Eng check	O Dawes	OWD
Drawn	H Clark	HC	Coordination	P Barton	PB
Dwg check	O Dawes	OWD	Approved	P Barton	PB
Scale at A1	NTS	Status PRE	Rev P02	Security STD	
Drawing Number STECC-MMD-XX-XX-DR-CE-520012					