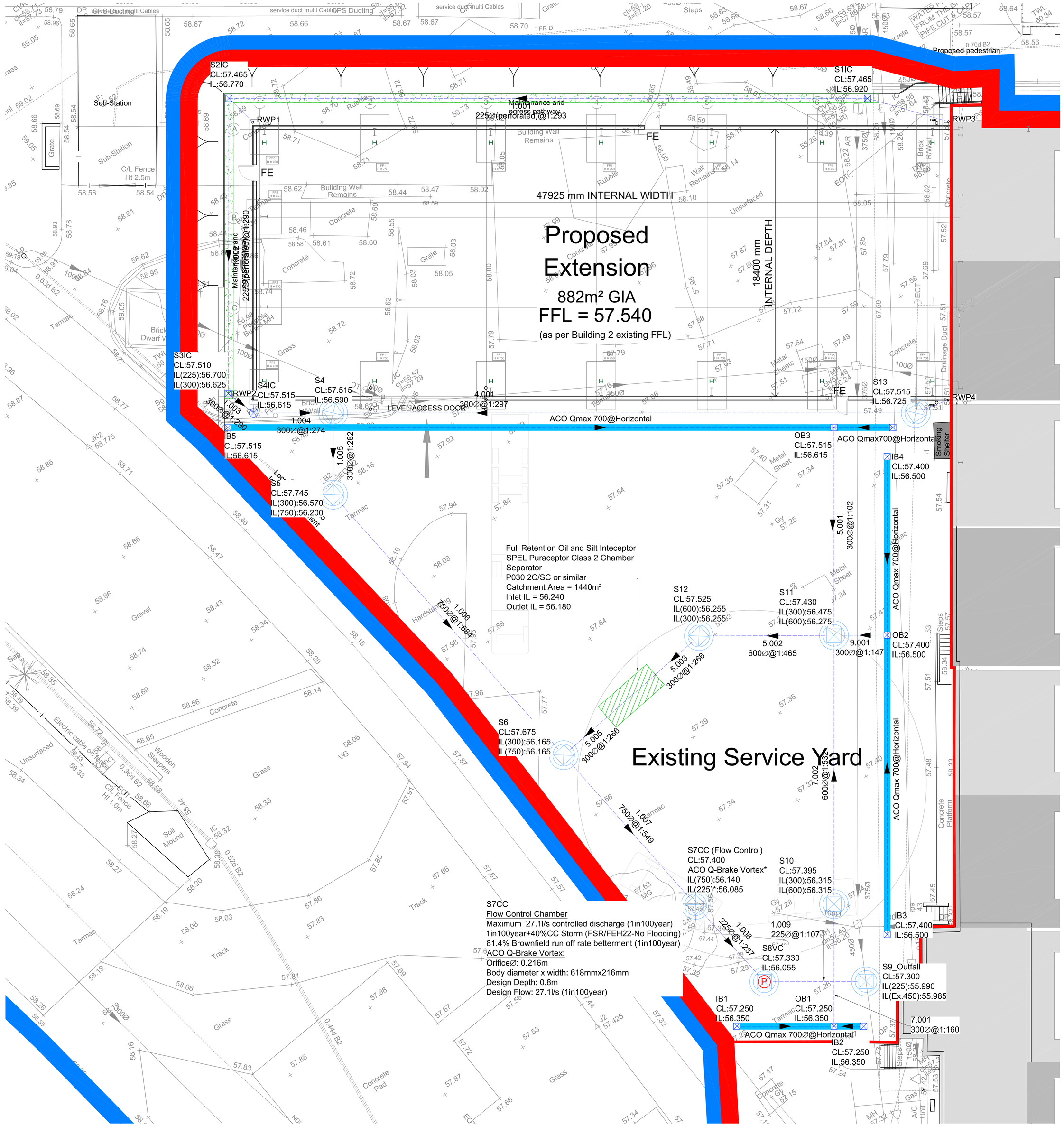

Structure ID	Easting (m)	Northing (m)	CL (m)	Depth (m)	Sump (m)	Dia (mm)	Structure Type	Cover Type	Connections	Pipe ID	IL (m)	Dia (mm)
StVC	440013.210	410226.899	57.330	1.575	0.300	1200	Manhole	F900	1 0	1.008 1.009	56.055 56.055	225 225
S10	440018.542	410226.564	57.395	1.380	0.300	1350	Manhole	F900	1 0	7.001 7.002	56.315 56.315	300 600
S18C	440051.375	410274.729	57.465	0.845	0.300	450	Manhole	B125	1 0	1.000 1.001	56.920 56.920	100 400
S6	440009.730	410247.432	57.675	1.810	0.300	1500	Manhole	F900	1 2 0	1.006 5.005 1.007	56.165 56.165 56.165	750 300 750
S12	440021.952	410249.449	57.525	1.570	0.300	1500	Manhole	F900	1 0	5.002 5.003	56.255 56.255	600 300
Int_In	440018.021	410248.800	57.575	1.335			Inteceptor Inlet		1 0	5.003 5.004	56.240 56.240	300 300
Int_Out	440013.660	410248.081	57.625	1.445			Inteceptor Outlet		1 0	5.004 5.005	56.180 56.180	300 300
S7CC	440011.996	410233.895	57.400	1.615	0.300	1500	Manhole Control Chamber with Q-brake Vortex	F900	1 0	1.007 1.008	56.140 56.085	750 225
Sft_Outfall	440019.118	410223.235	57.300	1.610	0.300	1200	Manhole	F900	1	1.009	55.990	225
S11	440029.879	410244.593	57.430	1.455	0.300	1500	Manhole	F900	1 2 3 0	5.001 7.002 9.001 5.002	56.475 56.275 56.475 56.275	300 600 300 600
OB2	440032.998	410242.672	57.400	0.900		450	Channel Drain Outlet Box	F900	1 2 0	10.000 9.000 9.001	56.500 56.500 56.500	450 450 300
IB4	440039.487	410253.092	57.400	0.900		450	Channel Drain Inlet Box	F900	0	10.000	56.500	450
OB3	440037.439	410256.730	57.515	0.900		450	Channel Drain Outlet Box	F900	1 2 0	5.000 6.000 5.001	56.615 56.615 56.615	450 450 300
IB6	440040.879	410254.587	57.515	0.900		450	Channel Drain Inlet Box	F900	0	6.000	56.615	450
IB1	440009.987	410225.294	57.250	0.900		450	Channel Drain Inlet Box	F900	0	7.000	56.350	450
IB2	440017.396	410220.679	57.250	0.900		450	Channel Drain Inlet Box	F900	0	8.000	56.350	450
OB1	440015.658	410221.760	57.250	0.900		450	Channel Drain Outlet Box	F900	1 2 0	7.000 8.000 7.001	56.350 56.350 56.350	450 450 300
S4IC	440004.060	410278.699	57.515	1.200	0.300	600	Inspection Chamber	F900	1 2 0	1.003 3.000 1.004	56.615 56.700 56.615	300 100 300
IB5	440002.025	410278.788	57.515	0.900		450	Channel Drain Inlet Box	F900	0	5.000	56.615	450
IB3	440022.111	410225.190	57.400	0.900		450	Channel Drain Inlet Box	F900	0	9.000	56.500	450
RWP1	440014.592	410295.704	63.540	6.595		100	RWP		0	2.000	56.945	100
S2IC	440014.061	410297.971	57.465	1.065	0.300	450	Inspection Chamber	B125	1 2 0	1.001 2.000 1.002	56.770 56.700 56.770	400 100 400
RWP2	440004.534	410279.609	63.540	6.595		100	RWP		0	3.000	56.945	100
S3IC	440003.290	410280.741	57.510	1.185	0.300	450	Inspection Chamber	B125	1 0	1.002 1.003	56.700 56.625	400 300
S5	440005.730	410271.027	57.745	1.845	0.300	1500	Manhole	F900	1 0	1.005 1.006	56.570 56.200	300 750
S4	440008.706	410275.805	57.515	0.925		1200	Manhole	F900	1 2 0	1.004 4.001 1.005	56.590 56.590 56.590	300 300 300
RWP4	440045.121	410254.189	63.540	6.595		100	RWP		0	4.000	56.945	100
RWP3	440055.252	410270.435	63.540	6.585		100	RWP		0	1.000	56.955	100
S13	440042.750	410254.600	57.515	0.790		1200	Manhole	F900	1 0	4.000 4.001	56.800 56.725	100 300

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Notes

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Key:

- 450Ø @ 1:300 — SW Drain (I/D & Gradient)
- S1MH — SW Manhole
- S1IC — SW Inspection Chamber
- P — Penstock/Valve Shut Off Chamber
- Channel Drain (ACO Qmax 700 or similar)
- IB — Channel Drain Inlet Unit
- OB — Channel Drain Outfall Unit
- RWP — Rainwater Down Pipe
- G — Road Gully 150Ø Pipe to all gully connections
- Filter Drain
- Development Boundary

Rev.	Description	By	Ckd	Date
P03	Site boundary lines updated	PM	GB	31.01.25
P02	Update to suit Client comments	AS	PM	06.12.24
P01	First Issue	AS	GB	23.10.24

RPS MAKING COMPLEX EASY
A TETRA TECH COMPANY
Sherwood House, Sherwood Avenue, Newark, Nottinghamshire, NG24 1QQ
T:01636 605 700 E: rpsnewark@rpsgroup.com

Client: Billington Structures Ltd

Project: Billington Structural Services Warehouse Extension

Title: Surface Water Drainage Layout

RPS Project Number	Scale @ A0	Date Created
794-DES-NWK-30729	1:100	17.10.24
Task Team Manager	Information Author	Task Information Manager
GB	AS	PM

Status: S2 (Suitable for Information)

Document Number: 30729-RPS-XX-XX-DR-C-1300

Revision: P03

Project Code – Originator – Functional– Spatial – Type – Discipline – Number

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