

NOTES

GENERAL

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS RELATE TO ORDNANCE DATUM UNLESS NOTED OTHERWISE.
4. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
5. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
6. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
7. THIS DRAWING IS COPYRIGHT © INTRADO CONSULTING ENGINEERS LTD.
8. TOPOGRAPHICAL SURVEY UNDERTAKEN BY CORNERPOINT SURVEYS LTD. PROJECT NUMBER S20661

NON-HOLDING TYPE:

8. ALL S.V.P.'S TO HAVE RODDING ACCESS POINT.
9. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES TO VERIFY LOCATION AND DEPTHS PRIOR TO ANY CONSTRUCTION WORK BEING UNDERTAKEN.
10. ALL PIPES AND FITTINGS TO BE PROPRIETARY PLASTIC SYSTEM COMPLYING WITH BSEN1401-1:2009 AND BUILDING REGULATIONS DOC. H.
11. WHERE PIPES PASS THROUGH FOUNDATIONS OR WALLS:
a) CAST IN THE PIPE. MAKE JOINTS APPROX. 150mm EITHER SIDE & ADD 500mm LENGTH OF ROCKER PIPE. OR b) SLEEVE PIPES WITH 50mm CLEARANCE ALL ROUND, COLLARED TO PREVENT DEBRIS.
12. PIPES BELOW BUILDING TO BE IN 6.0m LENGTHS.
13. INLET AND OUTLET PIPES TO BE LAID WITH LEVEL SOFFITS.
14. ALL CHAMBERS TO BE IN HARD LANDSCAPING UNLESS NOTED OTHERWISE.
15. ALL CHAMBER COVERS IN HARD LANDSCAPING AREAS TO BE RECESSED TO ALLOW PROPOSED SURFACING TO CARRY THROUGH. COVERS ORIENTATED TO ALIGN WITH THE PAVING DIRECTION
16. DRAINAGE DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 7th EDITION AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER
17. DRAINAGE DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 7th EDITION AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER

SITE GRID REFERENCE: ST266887
(326630mE, 188770mN)FOUL WATER DRAINAGE SUBJECT TO S104 & S106
APPROVAL BY DCWWSURFACE WATER DRAINAGE SUBJECT TO
NEWPORT CITY COUNCIL SAB APPROVALANY WORKS CARRIED OUT PRIOR TO THE ISSUE
OF RELEVANT APPROVALS ARE ENTIRELY AT THE
DEVELOPER'S RISK

P23	PERMAVOID NOTE UPDATED	CLC	06/05/2025
P22	NOTE ADDED TO RG6	CLC	17/04/2025
P21	UPDATED FOR SAB	CLC	16/04/2025
P20	SCHEDULE UPDATED	CLC	06/04/2025
P19	UPDATED FOR SAB	CLC	24/03/2025
P18	UPDATED FOR SAB	JE	06/03/2025
P17	UPDATED FOR SAB	JE	19/02/2025
P16	UPDATED FOR SAB	JE	29/01/2025
P15	UPDATED FOR SAB	JE	27/01/2025
P14	FOUL DRAINAGE ADDED	JE	13/01/2025
P13	UPDATED FOR SAB	JE	20/10/2024
P12	UPDATED FOR SAB	CLC	20/06/2024
P11	SITE LAYOUT AMENDED TO SUIT ARCHITECTS LAYOUT	AN	05/06/2024
P10	LEGEND UPDATED AND NOTE RE HAND DIG ADDED	CLC	10/04/2024
P9	SITE LAYOUT AMENDED TO SUIT ARCHITECTS LAYOUT	KMG	09/04/2024
P8	SITE LAYOUT AMENDED TO SUIT ARCHITECTS LAYOUT	CLC	18/03/2024
P7	GENERAL UPDATES	CLC	18/03/2024
P6	SITE LAYOUT UPDATED TO SUIT ARCHITECT LAYOUT	CLC	18/12/2023
P5	PRELIMINARY FOUL ROUTE ADDED	CLC	25/01/2023
P4	RPA COLOURS ADDED TO THE DRAWING	CLC	10/01/2022
P3	LEVELS ADDED & SUDS FEATURES AMENDED	CLC	22/12/2022
P2	SITE LAYOUT UPDATED	CLC	04/08/2022
P1	GREEN ROOF REMOVED AND BIO RETENTION ADDED	CLC	24/05/2022
REV.	DESCRIPTION	BY	DATE

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client

NEWPORT CITY HOMES

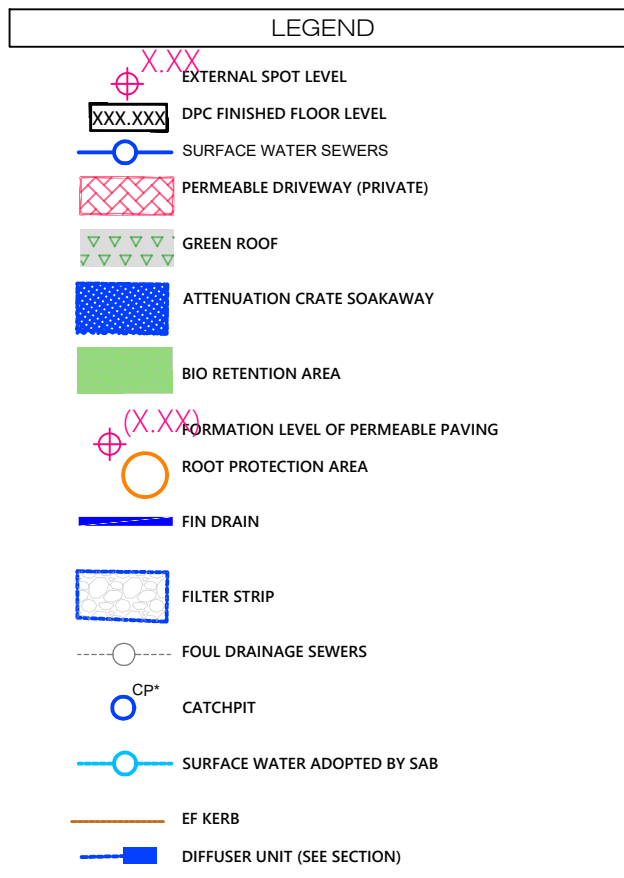
project

ST JOHNS COURT

drawing title

DRAINAGE STRATEGY
NORTHERN SITE

drawn	chid	scale	date
KMG	CC	1:200 @ A1	MAY 2021
Preliminary	☒	Job No.	Drawing No.
Tender	☐	IR21004	111
Construction	☐		Rev.
			P23



Impermeable Area (m2)	980
(Includes for urban creep)	
SAB Feature	Area (m ²)
RG1	8.3
RG2	7.4
RG3	6.2
RG4	8.3
RG5	11.4
RG6	146
Green Roof	21
Total	208.6
	21,29%

SAB FEATURE	TOP LEVEL	INVERT LEVEL
RG1	52.750	51.625
RG2	52.549	51.000
RG3	51.950	50.965
RG4	51.750	50.500
RG5	51.420	50.403
RG6	50.850	49.000

ANY DRAINAGE WORKS IN
CLOSE PROXIMITY OF THE
ROOT PROTECTION ZONE
IS TO HAND DIG

Pipe Number	US/MH Name	US/IL (m)	US/CL (m)	US D.Depth (m)	US/MH Diam/Len (mm)
1.000	S1A Perm Pave	51.400	52.750	1.200	1200
1.001	S1	51.290	52.640	1.200	1200
1.002	S2	51.260	52.600	1.100	450
2.000	S3 Perm Pave	51.500	52.690	0.240	200
1.003	S4	51.000	52.650	1.400	450
1.004	S5	50.965	51.550	0.835	450
1.005	S6	50.900	51.700	1.400	450
1.006	S7	50.453	51.420	0.817	450
1.007	S8	50.000	51.200	1.000	450
3.000	C3 Perm Pave	49.650	50.400	0.525	200
1.008	S9 (How Control)	49.515	50.690	0.950	1200 LP
1.009	S10	49.440	50.350	0.655	600
4.000	C3 Raingarden	49.000	50.750	1.000	200
4.001	S11	48.952	50.200	1.000	600
4.002	S12 (How Control)	48.912	50.300	1.200	1200
1.010	S13	48.630	50.225	1.141	1500

Pipe Number	US/MH Name	Pipe Length (m)	Slope (1:30)	US/IL (m)	US/CL (m)	Pipe DIA (mm)
1.000	S1A Perm Pave	3.130	28.3	51.400	52.750	150
1.001	S1	4.500	150.0	51.290	52.640	150
1.002	S2	7.700	161.0	51.260	52.600	150
2.000	S3 Perm Pave	4.800	150.0	51.500	52.690	150
1.003	S4	8.300	150.0	51.000	52.650	150
1.004	S5	8.400	150.0	50.965	51.550	150
1.005	S6	7.100	150.0	50.900	51.700	150
1.006	S7	6.200	150.0	50.453	51.420	150
1.007	S8	11.000	28.3	50.000	51.200	150
3.000	C3 Perm Pave	12.100	149.4	49.650	50.400	225
1.008	S9	11.300	150.0	49.515	50.690	225
1.009	S10	4.400	59.3	49.440	50.350	225
4.000	C3 Raingarden	7.200	150.0	49.000	50.750	150
4.001	S11	6.000	150.0	48.952	50.200	150
4.002	S12	8.000	150.0	48.912	50.300	150
1.010	S13	10.200	150.0	48.630	50.225	225

US/MH Name	US/IL (m)	US/CL (m)	US/MH Diam/Len (mm)
F1	51.850	52.700	315
F2	51.500	52.400	315
F3	51.250	52.100	315
F4	51.159	52.000	315
F5	50.950	51.900	315
F6	51.089	51.700	315
F7	50.650	51.500	315
F8	50.597	51.650	315
F9	50.566	51.000	315
F10	50.501	50.930	1200
F11	49.350	50.250	315
F12	50.100	50.950	315
F13	50.058	50.850	315
F14	50.044	50.300	315
F15	50.008	50.200	315

