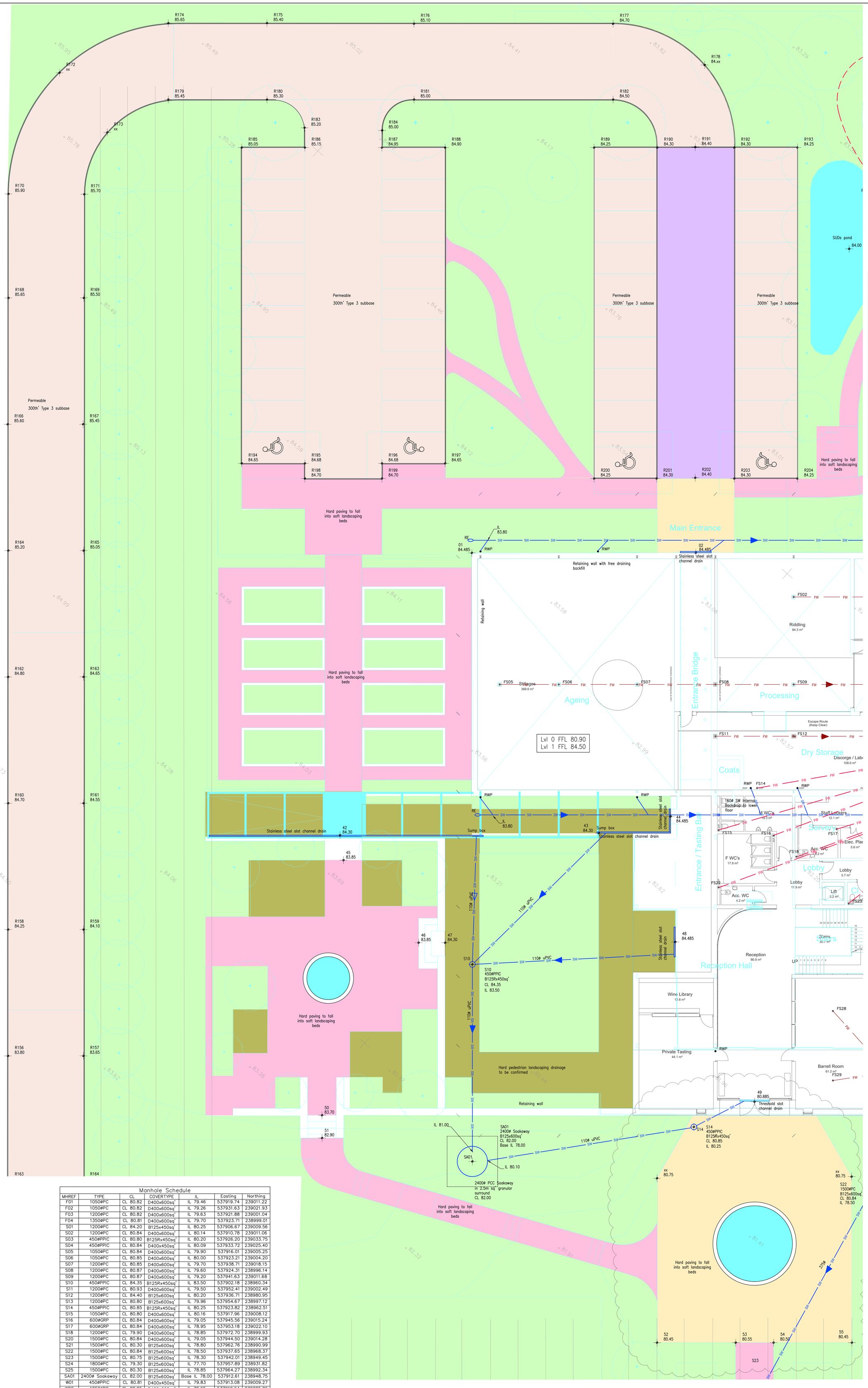


Notes.

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1. This drawing is to be read in conjunction with the specification and all other relevant Engineer's, Architect's and specialist subcontractor's drawings.
2. Work to figured dimensions only.

NOTES (Underground Drainage)

1. All drainage to conform to current British and/or European Standards and Part H of The Building Regulations. All fittings shall hold a current Agrément Certificate and be compliant with the appropriate British Standard for that item.
2. All internal foul drainage runs are to be 100mmØ pipework laid at a minimum of 1:40 fall.
3. Manhole cover levels are indicative and are to match the proposed ground levels.
4. All foul stacks/vent pipes are to have long radius rest bends.
5. All foul and rainwater pipes to have rodding access just above ground floor level.
6. All internal channels/gullies to be roddable.
7. Locations of Stub Stacks (SS), Soil Vent Pipes (SVP), Floor Sockets (FS) & Floor Gullies (FG) are schematic. Refer to M&E/Architects drawings for exact setting out.
8. M&E Contractor to ensure the heads of the foul system are vented to open air.
9. For above ground building drainage details refer to M&E drawings.
10. All existing pipes that are to be retained are to be surveyed for condition and repaired/replaced where necessary.

KEY

SOx Chamber Type & Size Cover Type CL xx.xx IL xx.xx	Manhole reference indicates type and size, cover ref, cover and invert levels
FS	Indicates a 100ø floor socket
YG	Indicates a 225sq' Yard Gully
RG	Indicates a 450sq' PCC Road Gully with D400 hinged cover (DU388C by Durey)
Channel Drain	Indicates a channel drain
SP	Indicates a sampling point
——ww——ww——	Wine Waste Drain
——fw——fw——	Foul Water Drain
——sw——sw——	Surface Water Drain
× × ×	Drain to be removed

MANHOLE COVER KEY

D400x600sq'	DU35CA 600sq' class D400 solid top cast iron cover
B125x450sq'	DUH036 450sq' class B125 solid top cast iron cover
B125Rx450sq'	DU131A 450sq' class B125 recessed galv' cover

Cover references by Durey Castings Ltd (01324 272424)

NOTE
ALL NEW SURFACE WATER PIPES TO BE 160ø uPVC UNO.
ALL NEW FOUL WATER PIPES TO BE 110ø uPVC UNO.

All Drainage Details shown on drawing 1315–110.

KERB KEY

EF Edging	50x150 PCC edging
HB kerb	250x125 HB2 PCC kerb
BN kerb	125x125BN bullnose PCC kerb
TK kerb	Transition between BN & HB2

NOTE
levels to HB, TK, BN kerbs are relative to the watermark levels NOT the top of kerb. If in doubt ask.

KEY

- Permeable Surface
- Bound Gravel
- Rock Setts
- Concrete
- Wetlands
- Landscaping
- Permeable Paving
- Porcelain Paving
- Asphalt Bellmouth

Manhole Schedule

MHREF	TYPE	CL	COVERTYPE	IL	Easting	Northing
F01	1050øPC	CL 80.82	D400x600sq'	IL 79.46	537919.74	239011.22
F02	1050øPC	CL 80.82	D400x600sq'	IL 79.26	537931.63	239021.93
F03	1200øPC	CL 80.82	D400x600sq'	IL 79.63	537921.88	239001.04
F04	1350øPC	CL 80.81	D400x600sq'	IL 79.70	537923.71	238999.01
S01	1200øPC	CL 84.20	B125x450sq'	IL 80.25	537906.67	239009.56
S02	1200øPC	CL 80.84	D400x600sq'	IL 80.14	537910.78	239011.06
S03	450øPPIC	CL 80.80	B125Rx450sq'	IL 80.20	537926.20	239033.75
S04	450øPPIC	CL 80.84	D400x450sq'	IL 80.09	537933.72	239025.40
S05	1050øPC	CL 80.84	D400x600sq'	IL 79.90	537916.01	239005.25
S06	1050øPC	CL 80.85	D400x600sq'	IL 80.00	537923.21	239004.20
S07	1200øPC	CL 80.85	D400x600sq'	IL 79.70	537938.71	239018.15
S08	1200øPC	CL 80.87	D400x600sq'	IL 79.60	537924.31	238996.14
S09	1200øPC	CL 80.87	D400x600sq'	IL 79.20	537941.63	239011.68
S10	450øPPIC	CL 84.35	B125Rx450sq'	IL 83.50	537902.18	238960.34
S11	1200øPC	CL 80.93	D400x600sq'	IL 79.50	537952.41	239002.49
S12	1200øPC	CL 84.40	B125x600sq'	IL 80.20	537936.71	238980.95
S13	1200øPC	CL 80.80	B125x600sq'	IL 79.96	537954.67	238997.12
S14	450øPPIC	CL 80.85	B125Rx450sq'	IL 80.25	537923.82	238962.51
S15	1050øPC	CL 80.80	D400x600sq'	IL 80.16	537917.96	239008.12
S16	600øGRP	CL 80.84	D400x600sq'	IL 79.05	537945.56	239015.24
S17	600øGRP	CL 80.84	D400x600sq'	IL 78.95	537953.18	239022.10
S18	1200øPC	CL 79.90	D400x600sq'	IL 78.85	537972.70	238999.93
S20	1500øPC	CL 80.84	D400x600sq'	IL 79.05	537944.50	239014.28
S21	1500øPC	CL 80.30	B125x600sq'	IL 78.80	537962.76	238990.99
S22	1500øPC	CL 80.84	B125x600sq'	IL 78.50	537937.65	238968.37
S23	1500øPC	CL 80.75	B125x600sq'	IL 78.30	537942.01	238949.45
S24	1800øPC	CL 79.30	B125x600sq'	IL 77.70	537957.89	238931.82
S25	1500øPC	CL 80.30	B125x600sq'	IL 78.85	537964.27	238992.34
SA01	2400ø Soakway	CL 82.00	B125x600sq'	Base IL 78.00	537912.61	238948.75
W01	450øPPIC	CL 80.81	D400x450sq'	IL 79.83	537913.08	239009.27
W02	1050øPC	CL 80.85	D400x600sq'	IL 79.65	537919.64	239005.86
W03	1200øPC	CL 80.87	D400x600sq'	IL 78.84	537925.35	239011.00
W04	450øPPIC	CL 80.85	D400x450sq'	IL 79.85	537920.70	239001.33
W05	450øPPIC	CL 80.84	D400x450sq'	IL 80.20	537925.96	238998.84
W06	1200øPC	CL 80.87	D400x600sq'	IL 78.96	537931.78	239004.08
W07	1200øPC	CL 80.87	D400x600sq'	IL 79.05	537938.91	239010.50
W08	1050øPC	CL 80.80	D400x600sq'	IL 79.34	537946.25	239002.40
W09	1050øPC	CL 80.83	D400x600sq'	IL 79.44	537948.90	238999.46
W10	1200øPC	CL 84.48	B125Rx600sq'	IL 80.30	537932.27	238975.92
W11	1050øPC	CL 80.85	D400x600sq'	IL 79.60	537953.16	238994.73

REV.	AMENDMENTS	BY	DATE	CHECKED
B	Levels added/clarified to paved area.	LC	22.11.24	SRB
A	Updated to suit LLFA design criteria.	LC	23.05.24	SRB

STATUS: PLANNING

PROJECT: Newsells Whiteley Hill Winery

CLIENT: Newsells Park Estate

ARCHITECT: Designcubed

TITLE: Underground Drainage and Externals Plan Sheet 1 of 3

Job No. 1315 | DRAWING No. 100B | DATE 03.04.2023 | SCALE 1:100@A0 | DRAWN LC | CHECKED SRB

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