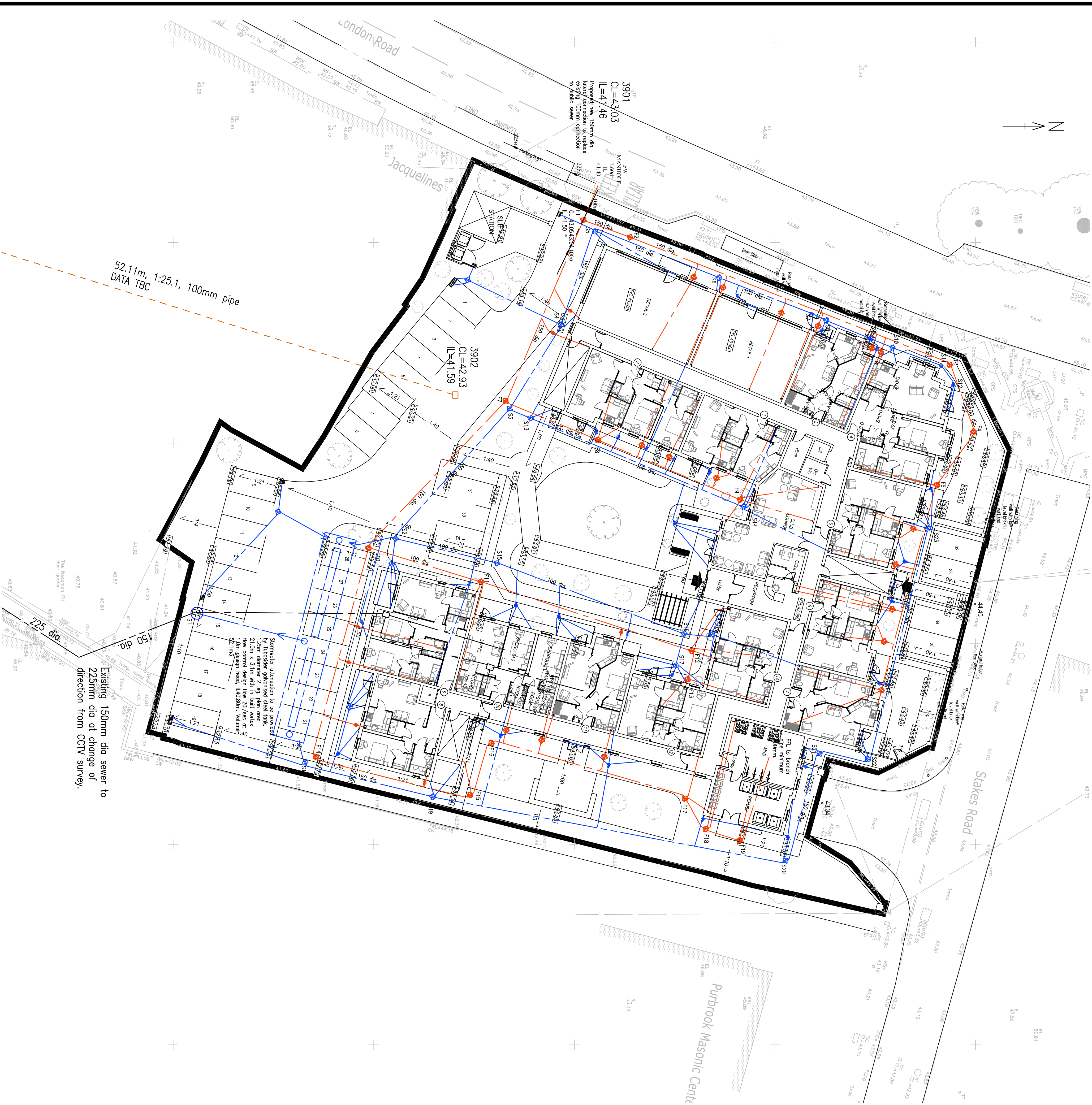




Foul Manhole Schedule

MH No.	COVER	INVERT LEVEL		DEPTH	MAX PIPE	MH	COVER TYPE
		IN	OUT				
F1	43.10	41.5	41.5	1.60	150	2	D400
F2	43.20	41.90	41.90	1.30	150	3	B125
F3	43.50	42.39	42.34	1.16	150	3	B125
F4	43.43	42.40	42.40	1.03	100	3	B125
F5	43.48	42.485	42.485	1.00	100	3	B125
F6	43.48	42.75	42.75	0.73	100	3	B125
F7	43.4	41.71	41.66	1.74	150	2	B125
F8	43.50	42.55	42.55	0.95	100	3	B125
F9	43.50	42.75	42.75	0.75	100	3	B125
F10	43.32	41.90	41.85	1.47	150	3	B125
F11	43.50	42.445	42.425	1.08	100	3	B125
F12	43.50	42.70	42.70	0.80	100	3	B125
F13	43.50	42.75	42.75	0.75	100	3	B125
F14	42.79	42.125	42.125	0.67	100	3	B125
F15	43.34	42.325	42.325	1.02	100	3	B125
F16	43.5	42.40	42.40	1.10	100	3	B125
F17	43.5	42.65	42.65	0.85	100	3	B125
F18	43.5	42.70	42.70	0.80	100	3	B125
F19	43.5	42.75	42.75	0.75	100	3	B125

Foul inspection chambers/manholes scheduled for main runs only. All inspection chambers connecting lateral drains to have invert levels of 42.750m unless noted otherwise.

Surface Water Manhole Schedule

MH No.	COVER	INVERT LEVEL		DEPTH	MAX PIPE	MH	COVER TYPE
		IN	OUT				
S1	42.35	40.6	40.6	1.75	150	2	D400
S2	43.35	41.6	41.6	1.75	150	2	B125
S3	43.40	42.1	42.05	1.35	150	3	B125
S4	43.38	42.20	42.20	1.18	150	3	B125
S5	43.15	42.35	42.35	0.80	150	3	B125
S6	43.40	42.60	42.55	0.85	150	3	B125
S7	43.4	42.7	42.7	0.70	100	3	B125
S8	43.5	42.75	42.75	0.75	100	3	B125
S9	43.5	42.85	42.85	0.65	100	3	B125
S10	43.5	42.9	42.9	0.60	100	3	B125
S11	43.5	43.0	43.0	0.50	100	3	B125
S12	43.5	43.05	43.05	0.45	100	3	B125
S13	43.5	42.65	42.65	0.85	100	3	B125
S14	43.5	42.95	42.95	0.55	100	3	B125
S15	43.5	42.70	42.70	0.80	100	3	B125
S16	43.5	42.90	42.90	0.60	100	3	B125
S17	43.5	42.95	42.95	0.55	100	3	B125
S18	42.7	41.38	41.38	1.32	150	3	B125
S19	43.3	42.07	42.07	1.23	150	3	B125
S20	43.50	42.58	42.58	0.92	150	3	B125
S21	43.60	42.70	42.70	0.90	150	3	B125
S22	43.6	42.75	42.75	0.85	150	3	B125
S23	43.50	43.00	43.0	0.50	150	3	B125

Surface water inspection chambers/manholes scheduled for main runs only. All inspection chambers connecting lateral drains to main runs to have invert levels at 43.00m unless noted otherwise.

Notes:

THIS DRAWING IS NOT TO BE SCALED

1. Cross-references
- This drawing is to be read in conjunction with all relevant architects' and engineers' drawings and specifications. Any inconsistencies or errors should be referred to the engineer immediately and confirmed in writing.
2. Minimum gradient for surface water pipes to be 1 in 100.
3. Minimum gradient for foul pipes to be 1 in 80.
4. Concrete protection to be provided to all pipes where cover to the crown of the pipe is less than:-
 - garden/paths/no vehicles 350mm
 - private driveways/vehicles < 7.5T 500mm
 - drives/parking areas with limited access for vehicles with a gross weight > 7.5 900mm
 - highways 1200mm
5. For proposed levels of all pipes, footways and surf/landscape areas refer to Landscape Architects details.
6. --- Indicates existing drains, all drains within the site to be abandoned to be grubbed out and backfilled with min C20 concrete and the foundations adopted in accordance with the Structural Engineers details.

HEALTH AND SAFETY

The construction of drainage and external paving shown on this drawing is considered to be of a routine nature to a suitably experienced Contractor. However the Contractor's attention is drawn to the potential instability of excavations particularly backfill materials in existing drainage trenches. It is also to be noted that as the site has had a previous use there may be unrecorded buried services, etc. Appropriate risk assessment/method statement/working practices should be developed and followed in accordance with the requirements of the Construction (Design and Management) Regulations 2015. In relation to existing sewers, there may be asbestos cement or fibre reinforced concrete pipes within the site or Public Sewerage network and the Contractor is to ensure that any persons carrying out the works are competent and adequately trained, safe systems of work are in place and disposed of any pipework/affected material is carried out in accordance with current legislation. Attention is drawn to: The Control of Asbestos at Work Regulations 1987 and amendment 1992 and all other legislation relating to health and safety at work.

revision	description	date
A	layout updated	19/06/17
Revision details		
Client	McCraith & Stone Latter Life Greater Life	

Architect
kenn scadden associates
Job title
38-44 London Road
Putbrook
Hampshire
Drawing title
Drainage Layout

