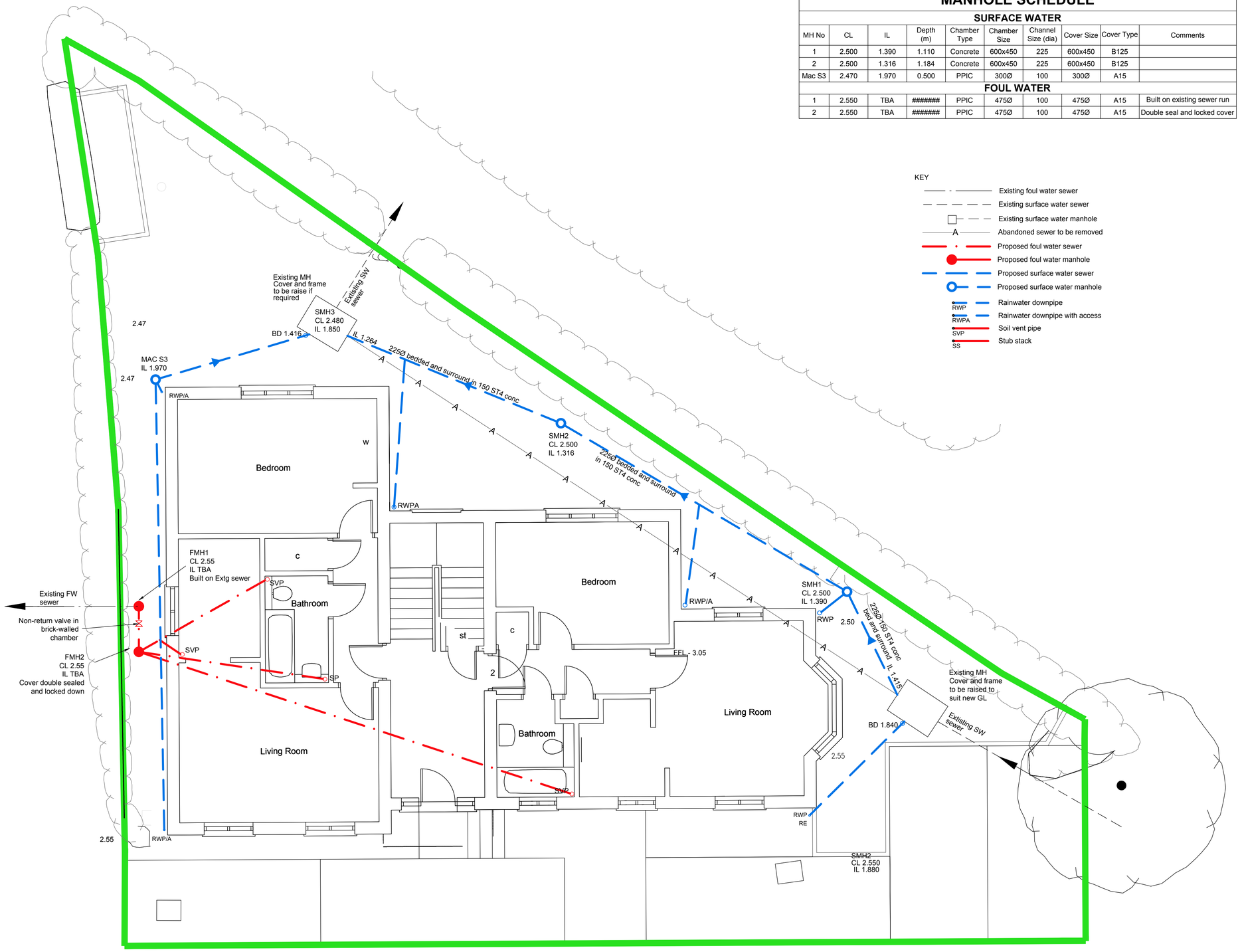

MANHOLE SCHEDULE

MH No	CL	IL	Depth (m)	Chamber Type	Chamber Size	Channel Size (dia)	Cover Size	Cover Type	Comments
SURFACE WATER									
1	2.500	1.390	1.110	Concrete	600x450	225	600x450	B125	
2	2.500	1.316	1.184	Concrete	600x450	225	600x450	B125	
Mac S3	2.470	1.970	0.500	PPIC	300Ø	100	300Ø	A15	
FOUL WATER									
1	2.550	TBA	#######	PPIC	475Ø	100	475Ø	A15	Built on existing sewer run
2	2.550	TBA	#######	PPIC	475Ø	100	475Ø	A15	Double seal and locked cover

KEY

- Existing foul water sewer
- Existing surface water sewer
- Existing surface water manhole
- A — Abandoned sewer to be removed
- Proposed foul water sewer
- Proposed foul water manhole
- Proposed surface water sewer
- Proposed surface water manhole
- RWP — Rainwater downpipe
- RWPA — Rainwater downpipe with access
- SVP — Soil vent pipe
- SS — Stub stack

- DO NOT SCALE FROM THIS DRAWING -
All dimensions in mm U.N.O

NOTES:

1. This drawing is to be read in conjunction with all other relevant Engineers, Architects, Specialists details, the Specification.
2. Any grid lines, building lines etc are to be set out in accordance with the relevant Architects drawings.
3. All underground drainage work to be installed in accordance with Building Regulations and British Standard Code of Practice 8301 and En752.
4. The Contractor is to establish the installed level of existing sewers before commencing any other drainage works.
5. Drainage pipework shall be clayware to BS.EN.295 as Hepworth SuperSleve or pVC-U to BS 1402 as Polypipe Terrain. Drains laid under buildings to be clayware unless notified otherwise.
6. Drainage trenches shall be excavated down to firm ground in accordance with detail drawing.
7. Drain trenches shall be backfilled with approved material to allow compaction to meet the appropriate standard.
8. Drains under drives with less than 900 cover, or drains under gardens with less than 600 cover to be encased in concrete.
9. The long radius drain bend at the base of each vent stack shall have an invert 750mm below finished floor level and terminate with a Terrain collar boss.
10. Unless stated otherwise private drains that are clayware to have class B bed and surround and private drains that are plastic to have class S bed and surround. Drains laid under buildings to have class S bed and surround unless notified otherwise.
11. Drains to be 100Ø, have a minimum cover of 350mm and laid at a minimum gradient of 1 in 80 (FW), 1 in 100 (SW) unless noted otherwise. FW drains under buildings to be laid at a minimum gradient of 1 in 40, unless noted otherwise.
12. Drains shall terminate at the level agreed with the plumbing subcontractor, with a blank end or cap to prevent debris passing into the system.
13. Manufacturers recommendations for installation shall be adhered to at all times.
14. Soakaways shall be positioned a minimum of 5m away from buildings and highways.

CDM REGULATIONS HAZARDS
RESIDUAL RISKS

- Excavations in the ground:
  Check for existing underground services.
- Excavations in the ground:
  Consider stability of sides of excavation.
- Excavations in the ground:
  Check and control ground water levels.
- Excavations adjacent to existing foundations:
  Work must be carried out strictly in accordance with the details on this drawing.
- Excavations adjacent to existing foundations:
  Do not excavate lower than the existing foundations unless expressly indicated on these drawings and then only after receiving approval from the Engineer of a Method Statement for the task

Please refer to the Designers Hazard Assessment for full details of control measures and fuller information

Rev		By	Chk'd	Date
A	Revised to suit Architects comments, MHs revised	MG	BP	23/10/17

Status: PRELIMINARY

Client: BIRCHSIDE MANAGEMENT LTD

Project: ROSELAND
STATION APPROACH
THE CAUSEWAY, ARUNDEL

Title: DRAINAGE LAYOUT

GURNEY consulting engineers

Job No.	Drg No.	Rev
9712	01	A

Drawn by	Date
rw	18.10.17

Checked by	Scale
BRP	1:50 @ A1

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ARUN DISTRICT COUNCIL LV/421/TODC