

MANHOLE SCHEDULE

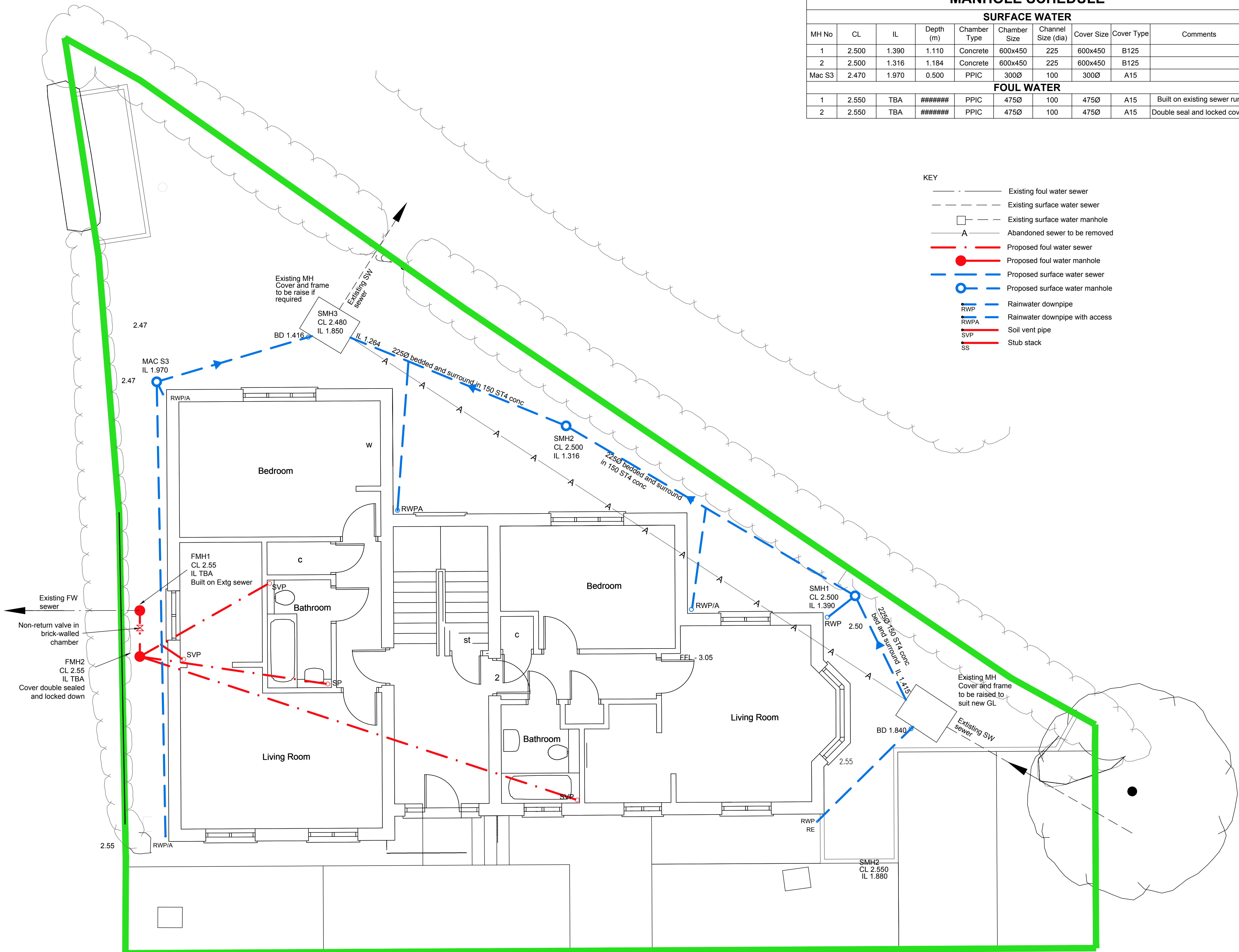
SURFACE WATER									
MH No	CL	IL	Depth (m)	Chamber Type	Chamber Size	Channel Size (dia)	Cover Size	Cover Type	Comments
1	2.500	1.390	1.110	Concrete	600x450	225	600x450	B125	
2	2.500	1.316	1.184	Concrete	600x450	225	600x450	B125	
Mac S3	2.470	1.970	0.500	PPIC	300Ø	100	300Ø	A15	
FOUL WATER									
1	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

- NOTES:
- This drawing is to be read in conjunction with all other relevant Engineers, Architects, Specialists details, the Specification.
 - Any grid lines, building lines etc are to be set out in accordance with the relevant Architects drawings.
 - All underground drainage work to be installed in accordance with Building Regulations and British Standard Code of Practice 8301 and En752.
 - The Contractor is to establish the installed level of existing sewers before commencing any other drainage works.
 - 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.
 - Drainage trenches shall be excavated down to firm ground in accordance with detail drawing.
 - Drain trenches shall be backfilled with approved material to allow compaction to meet the appropriate standard.
 - Drains under drives with less than 900 cover, or drains under gardens with less than 600 cover to be encased in concrete.
 - 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.
 - 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.
 - 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.
 - Drains shall terminate at the level agreed with the plumbing subcontractor, with a blank end or cap to prevent debris passing into the system.
 - Manufacturers recommendations for installation shall be adhered to at all times.
 - 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



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

Status PRELIMINARY

Client BIRCHSIDE MANAGEMENT LTD

Project ROSELAND
STATION APPROACH
THE CAUSEWAY, ARUNDEL

Title DRAINAGE LAYOUT



Job No.	Drg No.	Rev
9712	01	A
Drawn by	Date	
rw	18.10.17	
Checked by	Scale	
BRP	1:50 @ A1	