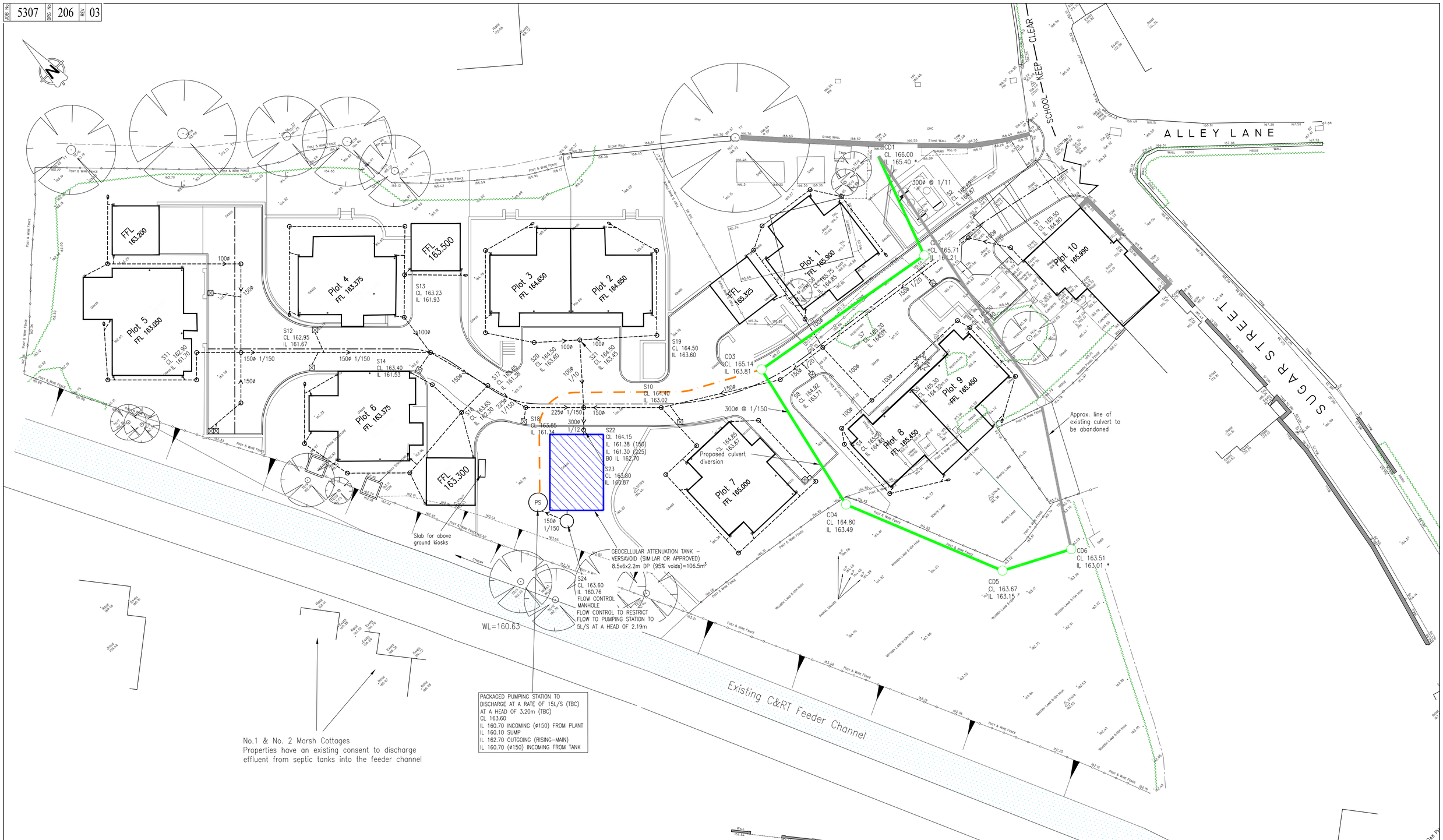
JOB No 5307 | DRG No 206 | REV 03



PACKAGED PUMPING STATION TO DISCHARGE AT A RATE OF 15L/S (TBC) AT A HEAD OF 3.20m (TBC)
CL 163.60
IL 160.70 INCOMING (ø150) FROM PLANT
IL 160.10 SUMP
IL 162.70 OUTGOING (RISING-MAIN)
IL 160.70 (ø150) INCOMING FROM TANK

No.1 & No. 2 Marsh Cottages
Properties have an existing consent to discharge effluent from septic tanks into the feeder channel

LEGEND

- Proposed Surface Water Sewer & MH (Adopted)
- Proposed Foul Sewer & Manhole (Adopted)
- Proposed Surface Water Sewer & MH (Private)
- Existing Foul Sewer & Manhole (Private)
- Existing Sewer to be abandoned
- Existing Manhole to be abandoned
- S1.01 — New Surface Water Sewer and Reference
- F1.01 — New Foul/Combined Sewer and Reference
- SIC1 — New Surface Water Inspection Chamber and Reference (Private)
- RE1 — New SW Rodding Eye
- FIC1 — New Foul Inspection Chamber and Reference (Private)
- ACO — ACO Drain
- Backdrop
- Rising main
- G1 / SD — New Highway Gully
- Threshold Slot Drain

NOTES

1. All dimensions in metres unless noted otherwise.
2. All levels in metres unless noted othewise.
3. Proposed private drainage subject to the approval of Building Control.
4. Proposed private sewers designed generally in accordance with the requirements set out in "Sewers for Adoption" 7th Edition.
5. A Section 104 application to adopt the sewers must be made to United Utilities.
6. All proposed levels to be checked and confirmed on site by the contractor prior to commencement of works. Any discrepancies to be reported to the engineer immediately. All downstream levels to be checked and confirmed by the contractor prior to construction of any upstream drainage.
7. All proposed cover levels to be checked against proposed final finished surface levels and adjusted to suit on site (see also Architects drawings).
8. All inspection chambers shown to be 450mmø minimum for access and maintenance purposes.
9. All manholes to be 1200mmø dia unless noted otherwise.
10. Refer to architects drawings for all domestic foul & SW drainage connection positions around and within buildings.
11. Materials should comply with requirements of part E sections E2.21 and E2.22 of SfA7.
12. All pipes to be plastic in accordance with SFA 7th Edition Part E and note 12 above. Pipe entry and exit through walls to be in accordance with Approved Document H of Building Regulations 2010 paragraphs H 2.23, 2.24 and Diagram 7.
13. Class Z concrete bedding required where cover <1.2m in the carriageway and <900mm in private shared access roads and <350mm in private gardens and pathways. Compressible filler required at all joints throughout depth of concrete surround, Class S bedding elsewhere.
14. For highway drains Class Z bedding required for pipes <900mm cover, crown to surface.
15. ACO Drains to be M100D with sump units and trapped roddable outlet.
16. Covers to inspection chambers around buildings to be minimum B125 and D400 in all trafficked / car park areas.
17. All foul pipes to be 100mmø unless otherwise stated.
18. All surface water pipes to be 150mmø unless otherwise stated.
19. All foul pipes to have a minimum gradient of 1:40 (underslab) and 1:80 elsewhere, except as noted otherwise.
20. All SW pipes to have minimum gradient of 1:150 unless noted otherwise.
21. For details of foul drainage refer to drawing 5307/205.

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REV	DATE	NATURE OF REVISION	BY	CHECKED
03	03/01/17	FOR APPROVAL – TELEMETRY KIOSKS SHOWN	JME	DE
02	03/01/17	FOR APPROVAL – DRAINAGE COMPOUND REVISED TO SUIT LANDSCAPE ARCHITECTS COMMENTS	JME	DE

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CLIENT: BERNEL LTD

PROJECT: DEVELOPMENT ON LAND AT SUGAR STREET, RUSHTON SPENCER

DRAWING: PROPOSED SURFACE WATER DRAINAGE GA

SCALE	SIZE	DRAWN	CHKD	DATE	JOB	DRG	REV
1:200	A1	JME	DE	12.12.17	5307	206	03