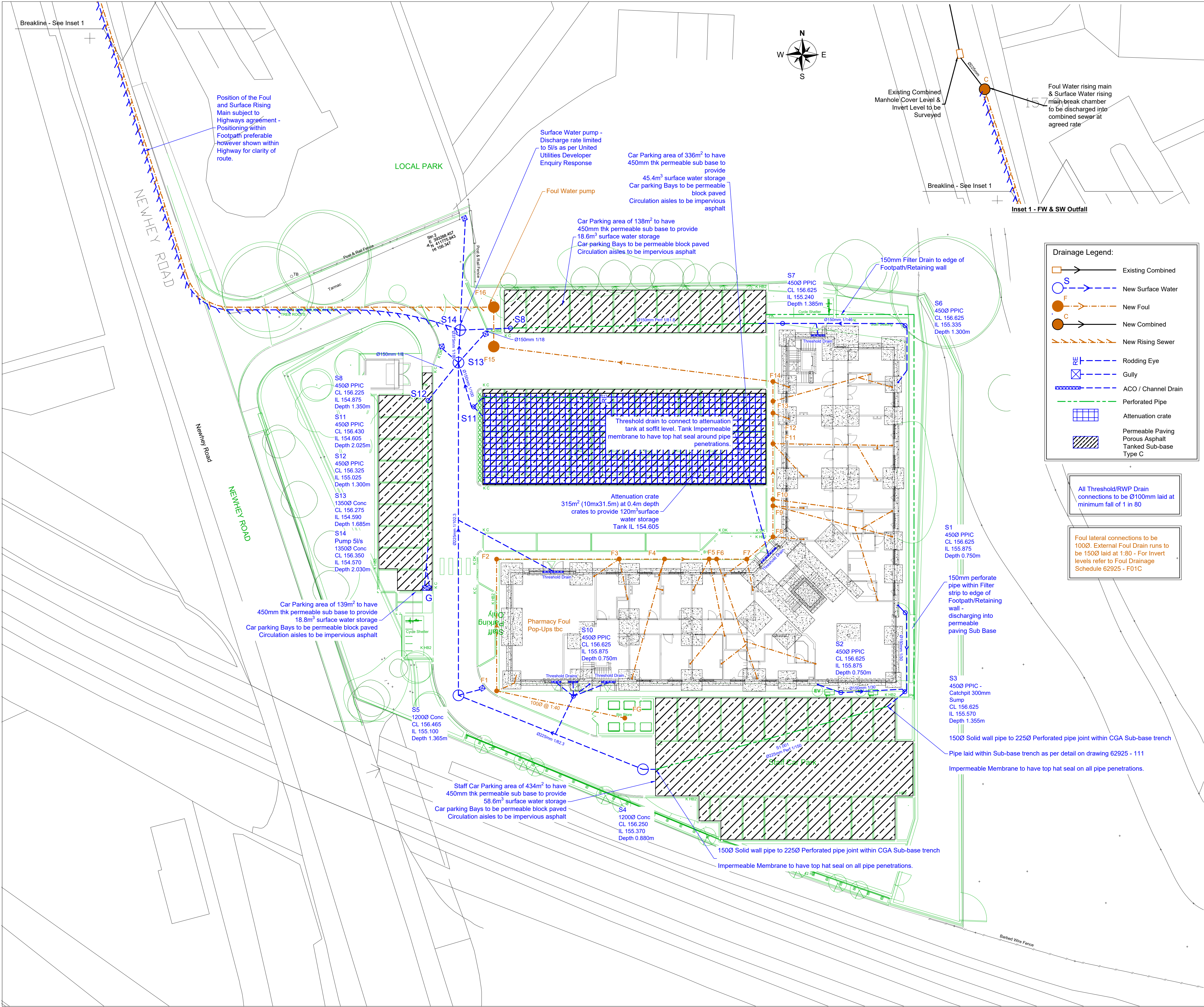




- Drainage:
1. The position, line, level and diameter of all existing drainage apparatus should be confirmed on site prior to the commencement of the works. Any discrepancies should be reported to PRP immediately.
 2. The connection of foul and surface water drainage to the existing public sewer system shall be subject to the approval of the water authority
 3. For positions of all rainwater pipes & foul outlets refer to Architect's drawings.
 4. Drainage designed in accordance with the Sewerage Sector Guidance, Design and Construction Guidance ("the Code") Approved Version 2.0, 10 March 2020.
 5. All joints between precast manhole components shall have a minimum uncompressed thickness of 10mm of proprietary bitumen or resin mastic sealant.
 6. Chambers & manholes with outgoing pipes of greater than Ø600mm shall be fitted with removable stainless steel (grade 316) safety chains or polypropylene rope.
 7. Storm & foul branch connections are to be laid at gradients of between 1:10 & 1:80
 8. All in-situ concrete shall be minimum grade GEN3.
 9. Precast concrete cover & reducing slabs to be heavy duty reinforced concrete to BS 5911.
 10. Rising mains shall be black MDPE SDR11 as WI 4-32-03 & joints & fittings to be in accordance with WI 4-32-04. Other approved pipe materials to be in accordance with their relevant BS.
 11. Manhole covers & frames shall be manufactured in cast iron or ductile iron & shall comply with requirements of BS EN 124 & shall be kite marked or equivalent.
 12. All completed work shall be suitably protected from damage by construction work. Damaged drainage will not be accepted. It is recommended that no heavy loading or underground work is permitted above or near unprotected drainage, and that dumpers, trucks, fork lifts or other heavy vehicles are not driven along or near pipe runs.
 13. Inspection chambers, soakaways and flow control units are to be installed strictly in accordance with manufacturer guidance and instructions

NO site visit has been made to inspect variations and this drawing has been prepared based upon the best of our knowledge and information provided by the Contractor and Architect.

Drainage Legend:

- Existing Combined
- New Surface Water
- New Foul
- New Combined
- New Rising Sewer
- Rodding Eye
- Gully
- ACO / Channel Drain
- Perforated Pipe
- Attenuation crate
- Permeable Paving
- Porous Asphalt
- Tanked Sub-base
- Type C

All Threshold/RWP Drain connections to be Ø100mm laid at minimum fall of 1 in 80

Foul lateral connections to be 100Ø. External Foul Drain runs to be 150Ø laid at 1:80 - For Invert levels refer to Foul Drainage Schedule 62925 - F01C

C8	15/02/2023	FINAL CONSTRUCTION ISSUE	KMV/ TC
C7	10/08/2022	Minor Text amendment	MAS/ JM
C6	08/08/2022	Double Gully added to Low point adjacent motorcycle parking	MAS/ JM
C5	15/07/2022	Site layout updated	MAS/ JM
C4	30/06/2022	Site layout updated	GAJ/ JM
C3	27/05/2022	Foul Drainage Layout amended. Tank Invert level and S11 invert amended	MAS/ JM
C2	06/05/2022	SW Pump moved to reflect Proposed Sub-station position. Foul Drainage amended to reflect latest Architect plan. Drainage levels amended.	MAS/ JM
C1	22/03/2022	Construction Issue - Permeable Paving Key change to indicate change to Porous Asphalt. S11 & Tank Invert Level Change	MAS/ JM
Rev	Date	Description	By / Chk



consulting engineers & surveyors

Catherine House
Old Harborough Road
Brixworth, NN6 9BX

Telephone: 01604 889 870
northampton@prp.uk.com
www.prp.uk.com

Leicester
Northampton
London

engineering excellence | creating advantage

Client:
United Healthcare Developments Ltd

Architect:
PRP

Project:
Proposed Healthcare Centre
Newhey Road, Milnrow
Rochdale

Title:
Drainage Strategy

Status:
FINAL CONSTRUCTION

Engineer: MS Date: March 2020

Drawn: MS Scales @ A1:

Checked: JM 1:200

Project No: 62925 Drg No: 101 Rev: C8