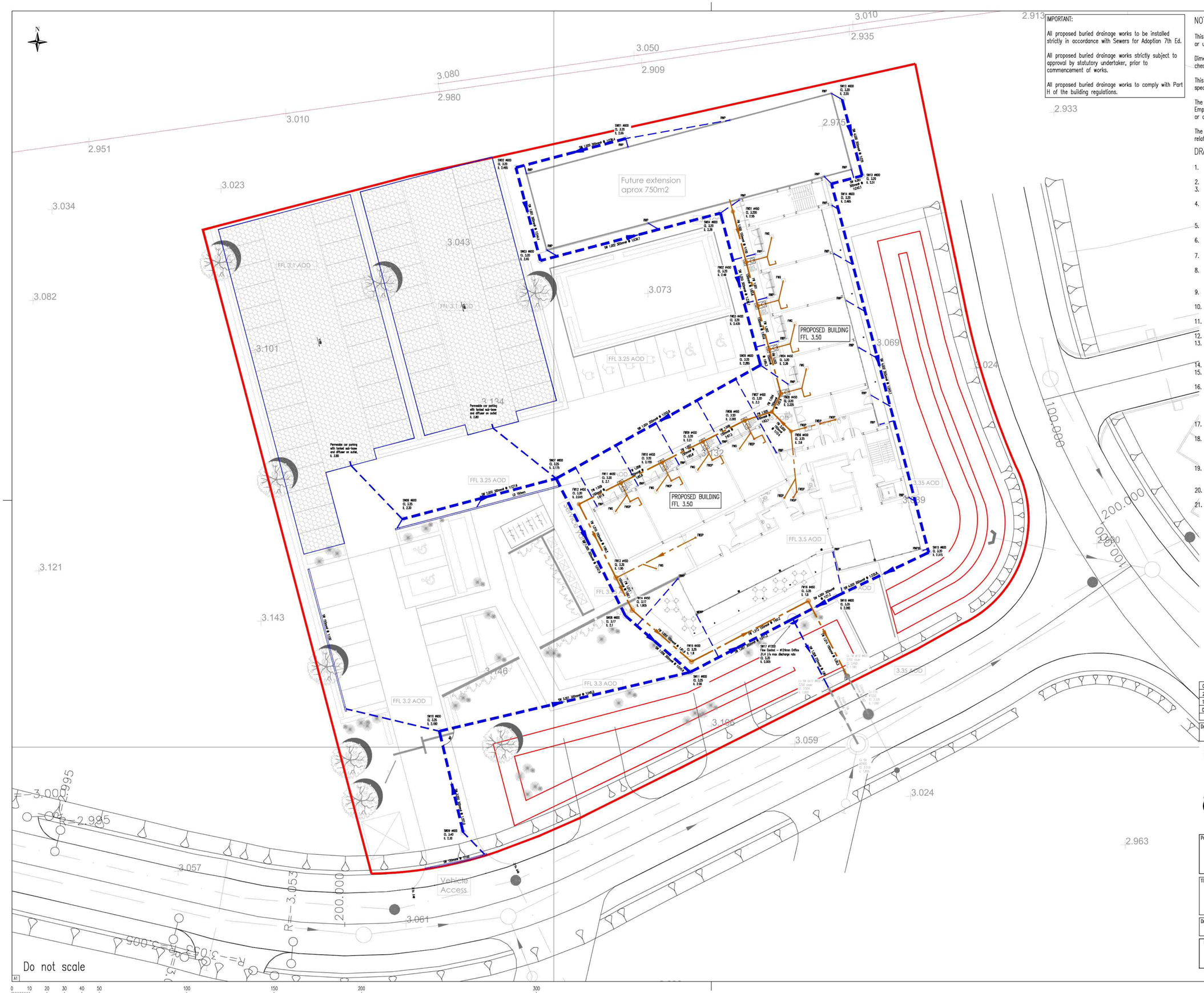


IMPORTANT:

All proposed buried drainage works to be installed strictly in accordance with Sewers for Adoption 7th Ed.

All proposed buried drainage works strictly subject to approval by statutory undertaker, prior to commencement of works.

All proposed buried drainage works to comply with Part H of the building regulations.

NOTES

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Dimensions must not be scaled from this drawing. The Contractor is to check and verify all building and site dimensions before work is put in hand.

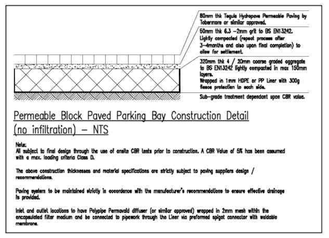
This drawing must be read and checked against any Architects or other specialists drawings.

The Contractor is to check and verify with all Statutory Authorities and the Employer the location and condition of any underground or overhead services or confirm that none exist prior to work commencing on site.

The Contractor shall comply with enactments regulations and working rules relating to safety health and welfare of workpeople.

DRAINAGE NOTES:

1. ALL DISCREPANCIES NOTED ON SITE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
2. All dimensions in millimeters and levels in meters unless noted otherwise.
3. All work is to be carried out in accordance with the current British Standards, Codes of Practice and Building Regulations.
4. The exact position, level, size and use of existing sewers to be confirmed on site. Any discrepancies to be reported to the Engineer PRIOR TO COMMENCEMENT OF WORKS.
5. All uncovered and shallow pipework to be protected against construction traffic as part of the Contractors temporary works requirements.
6. Cover levels shown are approximate only, subject to the finalised external works and landscaping scheme.
7. See Architect's details for all setting out dimensions to buildings and boundaries etc.
8. All connections to trapped road gullies and channels shall be 150mm nominal bore pipework min where not noted on the plan. No pipe work to be downsized in the direction of flow.
9. All un-noted buried pipework to be 150mm dia. unless subject to other notes or noted otherwise.
10. All buried pipework to be U-PVC type in accordance with Wis 4-35-01 unless noted otherwise.
11. All pipework entering and exiting manholes to be connected with pipe soffits level unless noted otherwise.
12. Pre-formed channels to be used at all manholes.
13. High strength concrete benching to be steel trowelled to a dense smooth face neatly shaped and finished to all branch connections and laid in accordance with the Specification.
14. Pipe bends to be provided to suit direction of flow.
15. All manhole covers and frames to be Ductile Iron Heavy Duty Grade D400 double triangular to BS EN 124 unless noted otherwise.
16. First flexible joint in pipes adjacent to all manholes and inspection chambers to be 600mm max. from inside face of manhole / inspection chamber, connecting to rocker pipe. For pipe diameters 150mm – 450mm the rocker pipe length shall be 500mm – 750mm and for pipe diameters 451mm – 675mm the rocker pipe length shall be 750mm – 1000mm.
17. All soft spots encountered in the trench formation to be removed and replaced with graded granular material unless instructed otherwise.
18. All Specialist attentuation tanks, soakaways and water treatment units to be installed as per manufacturers installation details and specifications. Contractor to liase with specialist suppiers for confirmation of bedding and surround requirements.
19. All buried concrete must cater for class DS1 sulphates conditions and AC1 aggressive chemical environment for concrete in accordance with BRE special digest 1.
20. The design of any temporary works required shall be the responsibility of the Contractor.
21. Abandoned buried pipework as a result of the works to be grubbed up, or sealed using ST2 concrete or 1:10 Cement:PFA mix grout. Specification and working method of grouting, strictly in accordance with Clause 506.3 of the Specification for Highway Works.



Permeable Block Paved Parking Bay Construction Detail (no infiltration) – NTS

Note.
All subject to final design through the use of onsite CBR tests prior to construction. A CBR Value of 6% has been assumed with a max. loading criteria Class 3.

The above construction thicknesses and material specifications are strictly subject to paving suppliers design / recommendations.

Paving system to be maintained strictly in accordance with the manufacturer's recommendations to ensure effective drainage is provided.

Inlet and outlet locations to have Polypipe Permaroll diffuser (or similar approved) wrapped in 2mm mesh within the encapsulated filter medium and to connected to pipework through the Liner via preformed spigot connector with welded membrane.

Date	Description	Drawn	Chkd	Rev
02.02.21	Site drainage network added to demonstrate connectivity.	AD	JA	P4
21.01.21	Updated to reflect Aecom site wide drainage model.	AD	JA	P3
10.12.20	Updated to reflect revised Architects' layout and levels.	AD	JA	P2
02.12.20	Initial Issue	AD	JA	P1

Drawing Status: Preliminary

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Project: Food Enterprise Zone Holbeach

Title: Proposed Drainage Layout

Drg Scale	Drawn	Checked	CHG job No.
1:200 @ A1	AD	JA	G610

Drawing Number: FEZ-CHG-XX-XX-DR-C-0300

Revision: P4

A1

0 10 20 30 40 50 100 150 200 300