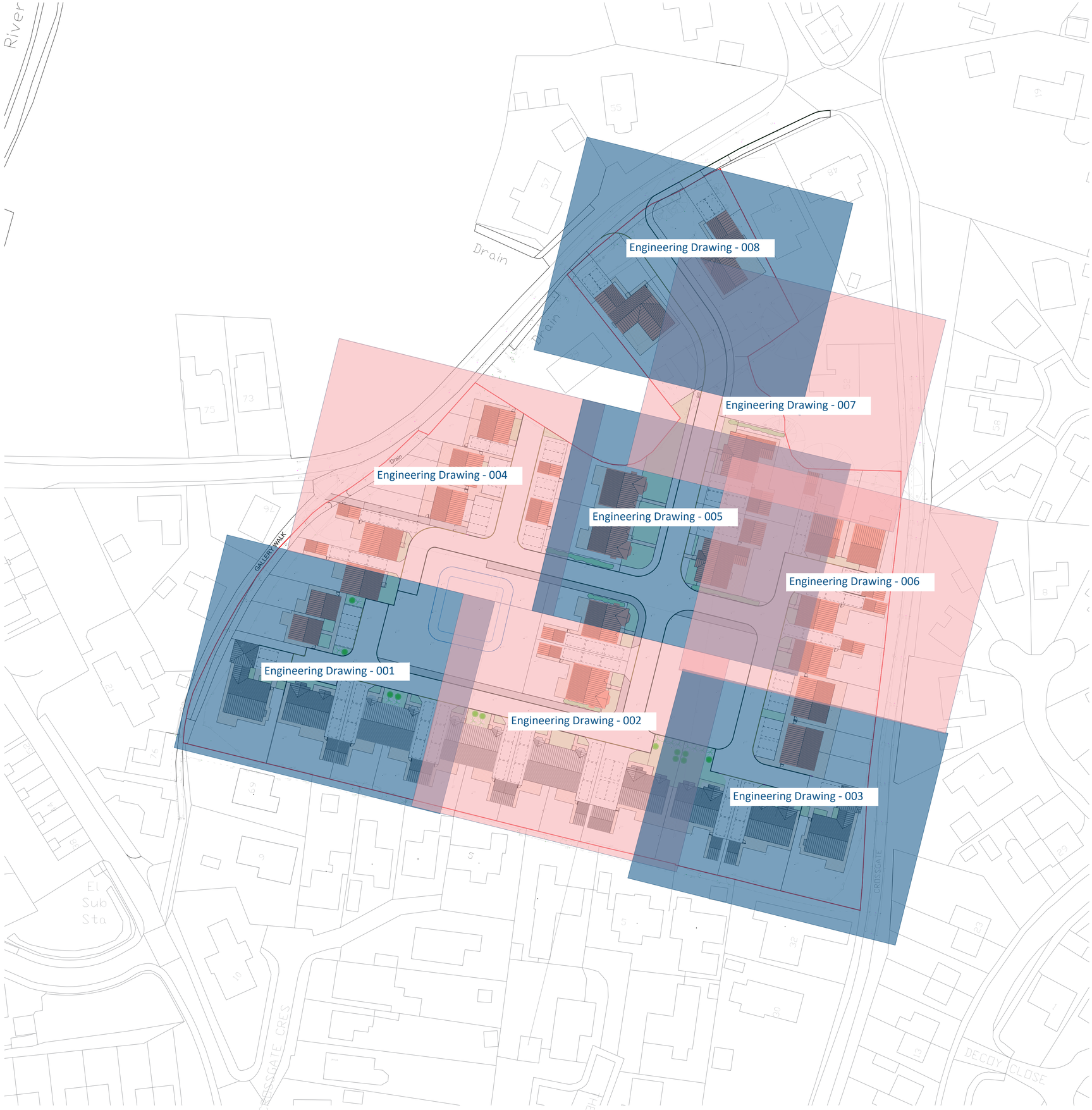


UNLESS STATED WITHIN THE CONTRACT THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF PARSONS CONSULTING ENGINEERS LTD. COPYING OF THE DESIGNS, DRAWINGS OR INTELLECTUAL PROPERTY IN FULL OR IN PART IS NOT PERMITTED.

NOTES

1. Do not scale this drawing.

2. All dimensions are in millimetres unless stated otherwise.

3. This drawing to be read in conjunction with all other relevant drawings and specifications.

4. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

STANDARD DRAINAGE NOTES:

1. Except where specifically shown otherwise all below ground pipes / connections shall be 100mm dia PVC (to BS 4660) or VC (to BS 5481) with flexible joints and laid to minimum falls of 1 in 40, except where connected to WC when falls may be 1 in 80.
2. All gravity pipe runs to be tested to a standing head of 1500mm head of water above the invert at the head of the pipe run (but not exceeding 4000mm at the lower end)
3. For details of bed and surround requirements refer to long-sections and standard details. In all other situations provide 150mm of 10mm single-sized rounded gravel bedding and surround.
4. Except where specifically shown otherwise, pipes to be a minimum of 900mm below roads/driveways and 600mm below gardens/fields.
5. Ventilating pipes to be provided at the head of each drain and to any branch longer than 6m where a single appliance is connected, or 12m where a group of appliances is connected.
6. Step-irons shall not be fitted in any chambers unless specified otherwise.
7. Manhole/Gully covers shall be regulated to suit finished levels and crossfalls
8. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations
9. Drains passing beneath buildings to have minimum 100mm granular fill or flexible filling around pipe. Where the pipe crown is within 300mm of the underside of the slab, pipe shall be encased in concrete integral with the slab.
10. Drains passing through walls below ground level to have minimum 50mm clearance all round and opening in walls to be masked all round with rigid sheet material to prevent ingress of fill or vermin. Openings in walls for pipes shall have concrete lintels to support wall construction above
11. Unless labeled otherwise type 3 subbase below permeable car parking spaces to be 350mm
12. Permeable driveways for Plots 28-41 to include at least 150mm of type 3
13. Unless labeled otherwise pipes to be PVC of 100mm Dia
14. Pipes downstream Road gullies to be PVC of 150mm Dia
15. Setting out points to be at the front face of the kerb
16. Permeable Paving and subbase tanked against house with Eco Flex underground drainage geomembrane, impermeable geotextile or similar

STANDARD ROADS / FOOTPATH NOTES:

1. Subgrade to be proof rolled with one pass of a smooth-wheeled roller having a mass per M-width of roll of not less than 2,100-kg or a Vibrating Roller having a mass per M-width of roll of not less than 700-kg or a Vibrating Plate Compactor having a mass per m2 of not less than 1400-kg. Any soft spots shall be removed and replaced with Type 1 compacted in layers not exceeding 150mm thickness.
2. All formations are to be treated with an approved herbicide before placing sib-base material on a geotextile separation membrane (Terram 1000 or similar approved)
3. All sub-base material is to be non-frost-susceptible. All concrete to be sulphate resisting

P4	Site name changed	ZEK	25.03.21

Client

Postland Management Ltd

Project

The Burrells
Milestone Lane
Pinchbeck

Title

Engineering Drawings
Key Plan

Job No	21027		
Drawing No	21027-009	Rev	P4
Status	Preliminary		
Scale	1:500	Date	23.02.21
Project Engineer	TBP	Drawn By	ZEK
		Checked By	TBP
		Approved By	

CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015

THE CONTRACTORS ATTENTION IS DRAWN TO THE ABNORMAL RISKS IDENTIFIED BELOW, ANNOTATED ON THE DRAWING AND EXPLAINED IN THE ASSOCIATED DESIGN RISK REGISTERS

LEGEND

- YOU MUST NOT DO
- HAZARD OR DANGER
- YOU MUST DO
- CAUTION

ABNORMAL RISKS IDENTIFIED:

parsons
Providing engineering solutions for the Built Environment
4 Angel House, Eastgate ,Whittlesey, Peterborough, PE7 1SE
07961 783825
www.parsonsengineers.co.uk