



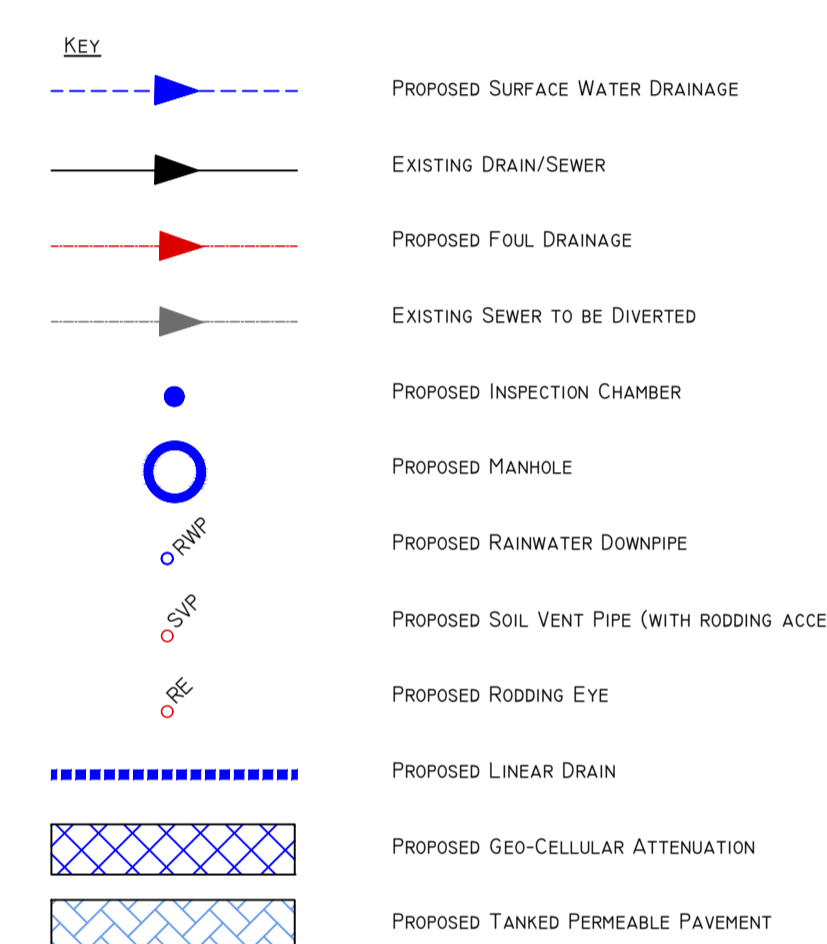
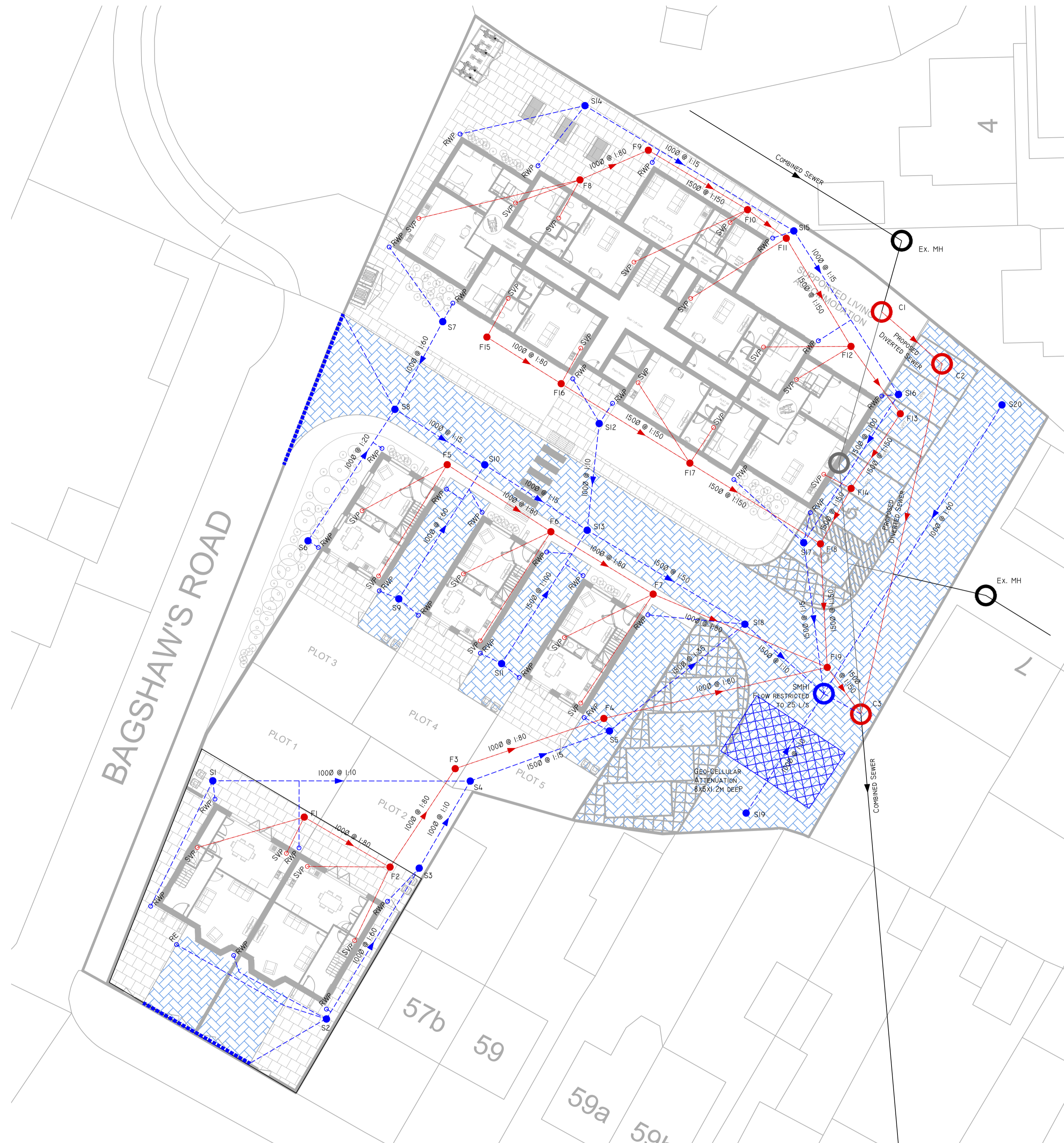
ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR

Drainage Notes

1. ALL 100Ø PROPOSED FOUL DRAINAGE PIPES SHOWN ARE TO BE LAID AT A GRADIENT OF 1:80.
2. ALL 150Ø PROPOSED FOUL DRAINAGE PIPES SHOWN ARE TO BE LAID AT A GRADIENT OF 1:150.
3. ALL EXISTING LAND DRAINS ENCOUNTERED ON SITE DURING CONSTRUCTION ARE TO BE RE-CONNECTED.
4. TEMPORARY PROTECTION TO BE PROVIDED TO DRAINAGE WORK DURING CONSTRUCTION AS NECESSARY.
5. TOPOGRAPHICAL SURVEY AND ARCHITECTURAL LAYOUT BASED ON THIRD PARTY INFORMATION.
6. ANTICIPATED FOUL FLOW RATES CALCULATED USING DISCHARGE UNIT METHOD TO BS EN 12056-2.
7. DRAWING TO BE READ IN CONJUNCTION WITH CAUSEWAY FLOW DESIGN PACK.
8. PIPES TO BE STRUCTURED WALLED TO BS EN 13476, POLYPROPYLENE TO BE EN 1852 OR PVC-U TO BS EN 1401.
9. BOTH CLAY AND CONCRETE PIPES SHALL BE STRENGTH CLASS 120 (100/150MM MIN CRUSHING STRENGTH 28kN/M). THERMOPLASTIC PIPES SHALL HAVE A MINIMUM RING STIFFNESS OF SN4.
10. PIPES WHICH RUN ADJACENT TO BUILDINGS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH BUILDING REGULATIONS PART H, CLAUSES 2.23 TO 2.25.
11. CLASS Z CONCRETE BED AND SURROUND TO ALL FOUL AND SURFACE WATER PIPES WITH LESS THAN 900MM COVER DEPTH. TYPE S GRANULAR BED AND SURROUND TO ALL FOUL AND SURFACE WATER PIPES WITH GREATER THAN 900MM COVER DEPTH.
12. ALL MANHOLES AND INSPECTION CHAMBERS SUBJECT TO VEHICULAR LOADING TO HAVE D400 LOAD-RATED COVERS AND FRAMES TO BS EN 124. B125 LOAD-RATED COVERS AND FRAMES TO ALL OTHER CHAMBERS.
13. CONCRETE TO BE GENI UNLESS SPECIFIED OTHERWISE.
14. THE FIRST FLEXIBLE JOINT IN PIPES ADJOINING A MANHOLE SHALL BE A MAXIMUM LENGTH OF 600MM FROM THE INSIDE FACE OF THE MANHOLE, CONNECTING TO A ROCKER PIPE. THE LENGTH OF THE ROCKER PIPE SHALL BE 600MM.
15. ALL FOUL AND SURFACE WATER PIPES TO BE CONSTRUCTED TO BUILDING REGULATIONS PART H.
16. HYDROBRAKE TO RESTRICT FLOWS TO 25 L/S.
17. PERMEABLE PAVEMENT SUB-BASE TO CONSIST OF MIN. 30% VOIDS, E.G. MOT TYPE 3.
18. SOFT SPOTS (<5% CBR) TO BE EXCAVATED AND REMOVED FROM SITE, TO BE REINSTATED WITH MOT TYPE 1 LAID AND COMPACTED IN 100-150MM THICK LAYERS.

General notes

1. This drawing is copyright and property of Moran Structural Consultants Ltd. This drawing must not be reproduced in part or in whole without prior written authority.
2. This drawing must not be scaled from; any dimensional discrepancies to be reported to Moran Structural Consultants prior to commencing construction and/or fabrication.
3. This drawing must be read in conjunction with all other relevant specification and information prepared by Moran Structural Consultants and all architects and services setting out.
4. All temporary works design and implementation are the responsibility of the principal contractor.
5. All dimensions are in meters unless stated otherwise.



PROPOSED DRAINAGE LAYOUT
SCALE 1:200

REV	AMENDMENT	BY	DATE

PURPOSE OF ISSUE
PRELIMINARY

MORAN STRUCTURAL Consultants
CONSULTING CIVIL & STRUCTURAL ENGINEERS.
G2 Ash Tree Court, Mellors Way
Nottingham Business Park
NG8 8PY
OFFICE: 0115 926 3333
WEBSITE: www.moransc.co.uk
ENQUIRIES: info@moransc.co.uk

CLIENT
HOCKLEY DEVELOPMENTS LTD

PROJECT
**FOXWOOD EMBASSY
BAGSHAW'S ROAD, SHEFFIELD**

DRAWING TITLE
PROPOSED DRAINAGE LAYOUT

SHEET SIZE	SCALE	DATE	DRAWN	CHECKED	STATUS
A1	1:200	NOV-2023	CC	MM	PR
MSC PROJECT No:	DRAWING No:	REV			
P2023-224	P2023-224-3000	-			