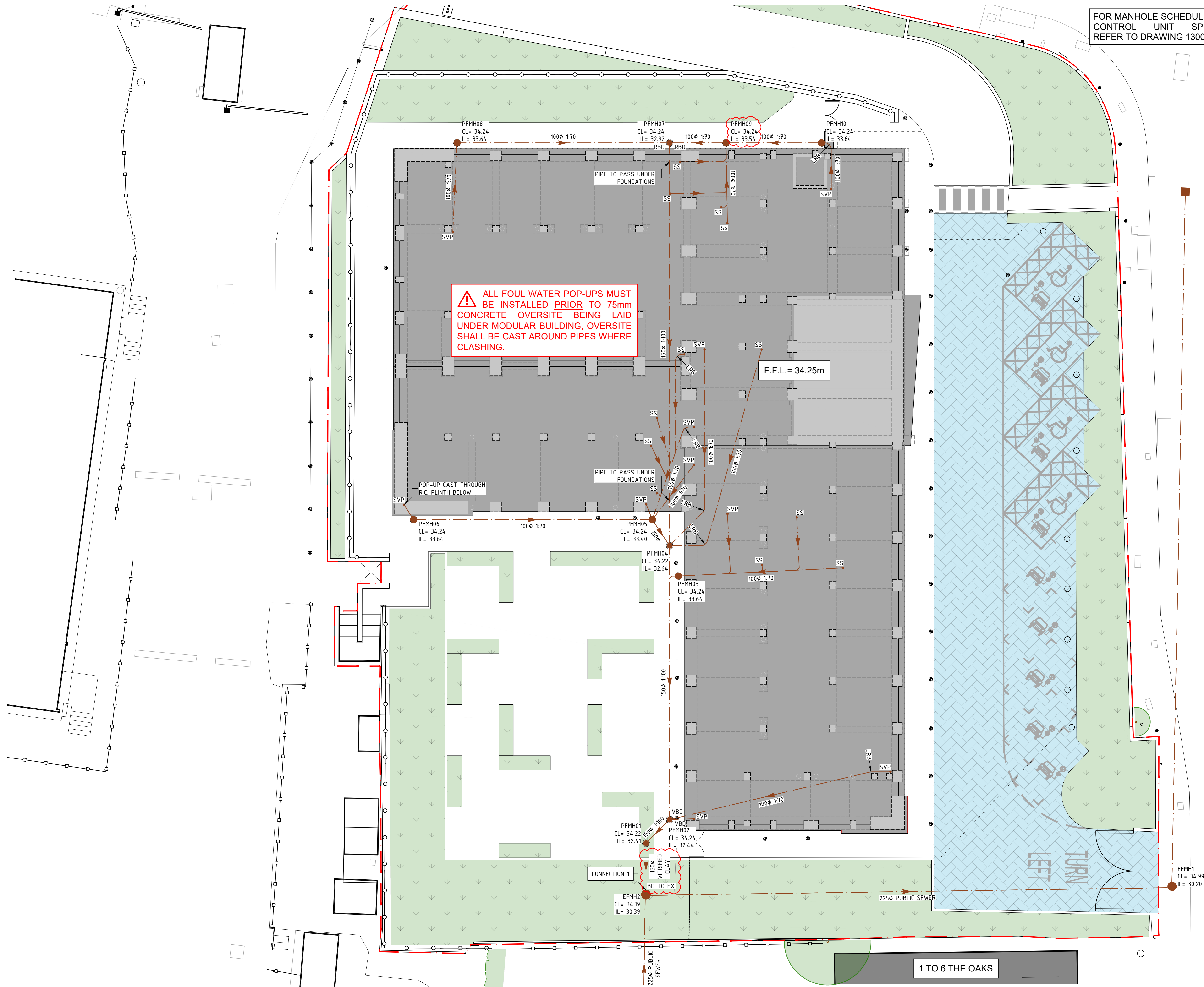




FOR MANHOLE SCHEDULE AND FLOW
CONTROL UNIT SPECIFICATION
REFER TO DRAWING 130001

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DRAINAGE NOTES

NOTATION KEY

- FOUL WATER PIPE RUN
- FOUL WATER MANHOLE OR INSPECTION CHAMBER
- SURFACE WATER PIPE RUN
- SURFACE WATER MANHOLE OR INSPECTION CHAMBER
- RWP: RAIN WATER PIPE
SVP: SOIL VENT PIPE
SS: STUB STACK
LD: LINEAR DRAIN (ACO OR SIMILAR)
TG: TRAPPED GULLY
VBD: VERTICAL BACKDROP
RBD: RAMPED BACKDROP
AT: ACCESS TURRET (TO GEOCELLULAR TANK)
EFMH: EXISTING FOUL WATER MANHOLE
ESMH: EXISTING SURFACE WATER MANHOLE
PFMH: PROPOSED FOUL WATER MANHOLE
PSMH: PROPOSED SURFACE WATER MANHOLE
P.C.C. RING: PRECAST CONCRETE RING CHAMBER
NEIC: NON-ENTRY INSPECTION CHAMBER (PLASTIC)
UIC: UNIVERSAL INSPECTION CHAMBER (PLASTIC)
SIC: SHALLOW INSPECTION CHAMBER (PLASTIC)
LRB: LONG RADIUS BEND

SPECIFICATION

- MAIN FOUL DRAINS AND BRANCHES TO TOILETS ARE TO BE 100mm NOMINAL DIAMETER LAID AT A GRADIENT NOT FLATTER THAN 1:70 WITH BRANCHES TO OTHER OUTLETS LAID AT 1:40 (FLOW RATE <1l/s) UNO.
- MAIN SURFACE DRAINS AND BRANCHES ARE TO BE 100mm NOMINAL DIAMETER LAID AT A GRADIENT NOT FLATTER THAN 1:100 UNO.
- DRAINS ARE TO BE CONSTRUCTED USING FLEXIBLE UPVC PIPES TO BS4660 OR VITRIFIED CLAY PIPES TO BS 65 WITH FLEXIBLE JOINTS BEDDED AND BACKFILLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND BS 8301.
- 100mm RIGID PIPES WITH LESS THAN 300mm COVER OR PIPES OF 150mm OR GREATER DIAMETER WITH LESS THAN 600mm COVER ARE TO BE SURROUNDED BY 150mm OF CONCRETE WITH MOVEMENT JOINTS PROVIDED AT EVERY PIPE JOINT.
- FLEXIBLE PIPES WITH LESS THAN 600mm COVER ARE TO BE SURROUNDED WITH CONCRETE OR TO HAVE CONCRETE PAVING SLABS LAID AS BRIDGING ABOVE THE PIPE. PIPES UNDER BUILDINGS ARE TO BE SURROUNDED WITH 100mm MIN. OF GRANULAR MATERIAL.
- ACCESS TO DRAINS MAY PROVIDED BY VITRIFIED CLAY, GRP OR POLYPROPYLENE INSPECTION CHAMBERS TO BS 7158, OR MANHOLES CONSTRUCTED USING CLASS B ENGINEERING BRICKS TO BS 3921, OR PRECAST CONCRETE SECTIONS TO BS 5911, SURROUNDED WITH 150mm OF CONCRETE MINIMUM DIMENSIONS TO CONFORM TO TABLE 8 OF BS 8301. COVERS AND FRAMES FOR MANHOLES/INSPECTION CHAMBERS MUST COMPLY WITH THE APPROPRIATE LOADING GRADE OF BS 437 OR BS 5911.
- PROVIDE GULLIES AND RWP'S WITH RODDABLE ACCESS.
- ALL PIPES THAT CONNECT TO MAIN RUN DRAINAGE MANHOLES TO BE FIXED 'CROWNS ADJACENT'.
- CONCRETE BEDDING & SURROUND TO BE MIX TYPE GEN 1 TO TABLE 6 OF BS 5328-PART 2 UNO. IF A DIFFERENT GEN MIX IS SPECIFIED IT WILL BE TO THE ABOVE TABLE.
- ALL RWP'S TO CONNECT INTO RODDABLE GULLIES.
- VENTILATION OF FOUL WATER SYSTEM TO BE CONFIRMED AND DESIGNED BY OTHERS TO COMPLY WITH BUILDING REGS.

P03	Preliminary	JL	CC	2026/05/12
P02	Preliminary	JL	CC	2026/05/08
P01	Preliminary	JL	CC	2026/04/17
REV	DETAIL	Dr	Ch	DATE

Client Name:
Richard Morris Construction Ltd.

Project Name:
Selwood HQ

Drawing Title:
Drainage G.A. Sheet 2
Proposed Site Foul Water Layout

AMA Project N°:	25042	AMA
Drawn By:	JL	Checked By: CC
First Issued:	Apr 2026	Scale @ A1: 1:125
Status:	S2	P03
Revision:		6A Nesbitts Alley, Hadley, Barnet, EN5 5XG +44(0)20 8361 8827 www.amad.co.uk

BIM Document Ref:
25042 - AMA - 01 - ZZ - DR - D - 130101
PROJECT N° - ORIGINATOR - VOLUME - LEVEL - FILE TYPE - ROLE - DRAWING N°