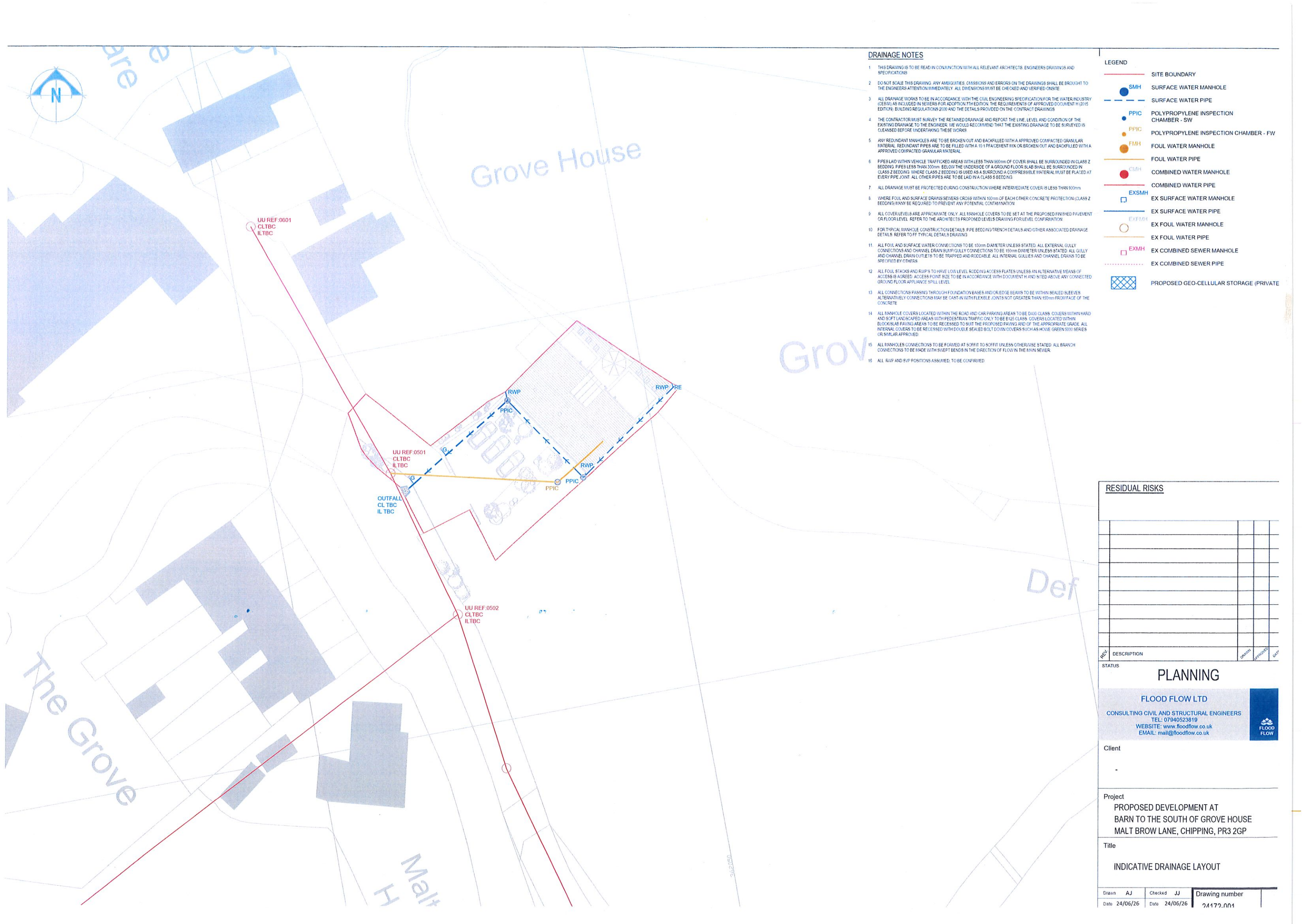




DRAINAGE NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS DRAWINGS AND SPECIFICATIONS
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON THE DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED AND VERIFIED ON SITE
3. ALL DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (CERN) AS INCLUDED IN SEVERALS FOR ADOPTION 11TH EDITION. THE REQUIREMENTS OF APPROVED DOCUMENT H (2015 EDITION) BUILDING REGULATIONS 2000 AND THE DETAILS PROVIDED ON THE CONTRACT DRAWINGS
4. THE CONTRACTOR MUST SURVEY THE RETAINED DRAINAGE AND REPORT THE LINE, LEVEL AND CONDITION OF THE EXISTING DRAINAGE TO THE ENGINEER. WE WOULD RECOMMEND THAT THE EXISTING DRAINAGE TO BE SURVEYED IS CLEARED BEFORE UNDERTAKING THESE WORKS
5. ANY REDUNDANT MANHOLES ARE TO BE BROKEN OUT AND BACKFILLED WITH AN APPROVED COMPACTED GRANULAR MATERIAL. REDUNDANT PIPES ARE TO BE FILLED WITH A 10:1 FILL OR BROKEN OUT AND BACKFILLED WITH AN APPROVED COMPACTED GRANULAR MATERIAL
6. PIPES LAID WITHIN VEHICLE TRAFFICKED AREAS WITH LESS THAN 600mm OF COVER SHALL BE SURROUNDED IN CLASS 2 BEDDING. PIPES LESS THAN 300mm BELOW THE UNDERSIDE OF A GROUND FLOOR SLAB SHALL BE SURROUNDED IN CLASS 2 BEDDING. WHERE CLASS 2 BEDDING IS USED AS A SURROUND A COMPRESSIBLE MATERIAL MUST BE PLACED AT EVERY PIPE JOINT. ALL OTHER PIPES ARE TO BE LAID IN A CLASS 5 BEDDING
7. ALL DRAINAGE MUST BE PROTECTED DURING CONSTRUCTION WHERE INTERMEDIATE COVER IS LESS THAN 600mm
8. WHERE FOUL AND SURFACE DRAIN SEWERS CROSS WITHIN 100mm OF EACH OTHER CONCRETE PROTECTION (CLASS 2 BEDDING) MAY BE REQUIRED TO PREVENT ANY POTENTIAL CONTAMINATION
9. ALL COVER LEVELS ARE APPROXIMATE ONLY. ALL MANHOLE COVERS TO BE SET AT THE PROPOSED FINISHED PAVEMENT OR FLOOR LEVEL. REFER TO THE ARCHITECTS PROPOSED LEVELS DRAWING FOR LEVEL CONFIRMATION
10. FOR TYPICAL MANHOLE CONSTRUCTION DETAILS, PIPE BEDDING/TRENCH DETAILS AND OTHER ASSOCIATED DRAINAGE DETAILS, REFER TO TYPICAL DETAILS DRAWING
11. ALL FOUL AND SURFACE WATER CONNECTIONS TO BE 100mm DIAMETER UNLESS STATED. ALL EXTERNAL GULLY CONNECTIONS AND CHANNEL DRAIN SUBMITTAL CONNECTIONS TO BE 150mm DIAMETER UNLESS STATED. ALL GULLY AND CHANNEL DRAIN OUTLETS TO BE TRAPPED AND ROCCABLE. ALL INTERNAL GULLIES AND CHANNEL DRAINS TO BE SPECIFIED BY OTHERS
12. ALL FOUL, STACKS AND RWPS TO HAVE LOW LEVEL ROCCING ACCESS PLATES UNLESS AN ALTERNATIVE MEANS OF ACCESS IS AGREED. ACCESS POINT SIZE TO BE IN ACCORDANCE WITH DOCUMENT H AND SITED ABOVE ANY CONNECTED GROUND FLOOR APPLIANCE SPILL LEVEL
13. ALL CONNECTIONS PASSING THROUGH FOUNDATION BASES AND/OR EDGE BEAMS TO BE WITHIN SEALED SLEEVES. ALTERNATIVELY CONNECTIONS MAY BE CAST-IN WITH FLEXIBLE JOINTS NOT GREATER THAN 150mm FROM FACE OF THE CONCRETE
14. ALL MANHOLE COVERS LOCATED WITHIN THE ROAD AND CAR PARKING AREAS TO BE D400 CLASS. COVERS WITHIN HARD AND SOFT LANDSCAPED AREAS WITH PEDESTRIAN TRAFFIC ONLY TO BE B125 CLASS. COVERS LOCATED WITHIN BLOCKSLAB PAVING AREAS TO BE RECESSED TO SUIT THE PROPOSED PAVING AND OF THE APPROPRIATE GRADE. ALL INTERNAL COVERS TO BE RECESSED WITH DOUBLE SEALED BOLT DOWN COVERS SUCH AS HUNT, GREEN 5000 SERIES OR SIMILAR APPROVED
15. ALL MANHOLES CONNECTIONS TO BE FORMED AT SOFFIT UNLESS OTHERWISE STATED. ALL BRANCH CONNECTIONS TO BE MADE WITH SHEFT BENDS IN THE DIRECTION OF FLOW IN THE MAIN SEWER
16. ALL RWP AND SVP POSITIONS ASSUMED, TO BE CONFIRMED

LEGEND

- SITE BOUNDARY
- SMH SURFACE WATER MANHOLE
- SURFACE WATER PIPE
- PPIC POLYPROPYLENE INSPECTION CHAMBER - SW
- PPIC POLYPROPYLENE INSPECTION CHAMBER - FW
- FMH FOUL WATER MANHOLE
- FOUL WATER PIPE
- CMH COMBINED WATER MANHOLE
- COMBINED WATER PIPE
- EXSMH EX SURFACE WATER MANHOLE
- EX SURFACE WATER PIPE
- EXFMH EX FOUL WATER MANHOLE
- EX FOUL WATER PIPE
- EXMH EX COMBINED SEWER MANHOLE
- EX COMBINED SEWER PIPE
- PROPOSED GEO-CELLULAR STORAGE (PRIVATE)

RESIDUAL RISKS

REV	DESCRIPTION	ISSUED	APPROVED	DATE

STATUS

PLANNING

FLOOD FLOW LTD

CONSULTING CIVIL AND STRUCTURAL ENGINEERS

TEL: 07940523819

WEBSITE: www.floodflow.co.uk

EMAIL: mail@floodflow.co.uk

Client

Project

PROPOSED DEVELOPMENT AT BARN TO THE SOUTH OF GROVE HOUSE

MALT BROW LANE, CHIPPING, PR3 2GP

Title

INDICATIVE DRAINAGE LAYOUT

Drawn	AJ	Checked	JJ	Drawing number
Date	24/06/26	Date	24/06/26	24172_001

