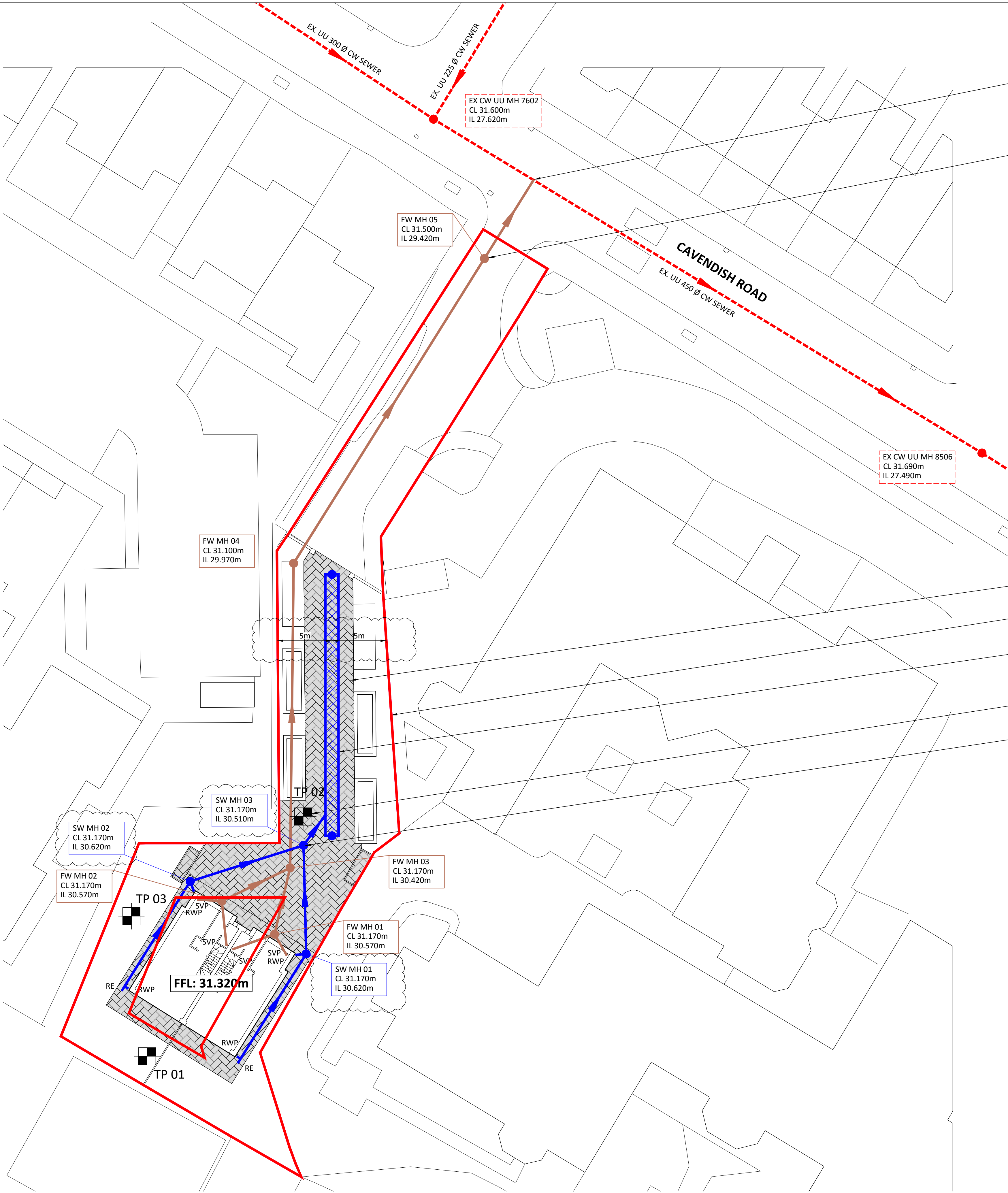
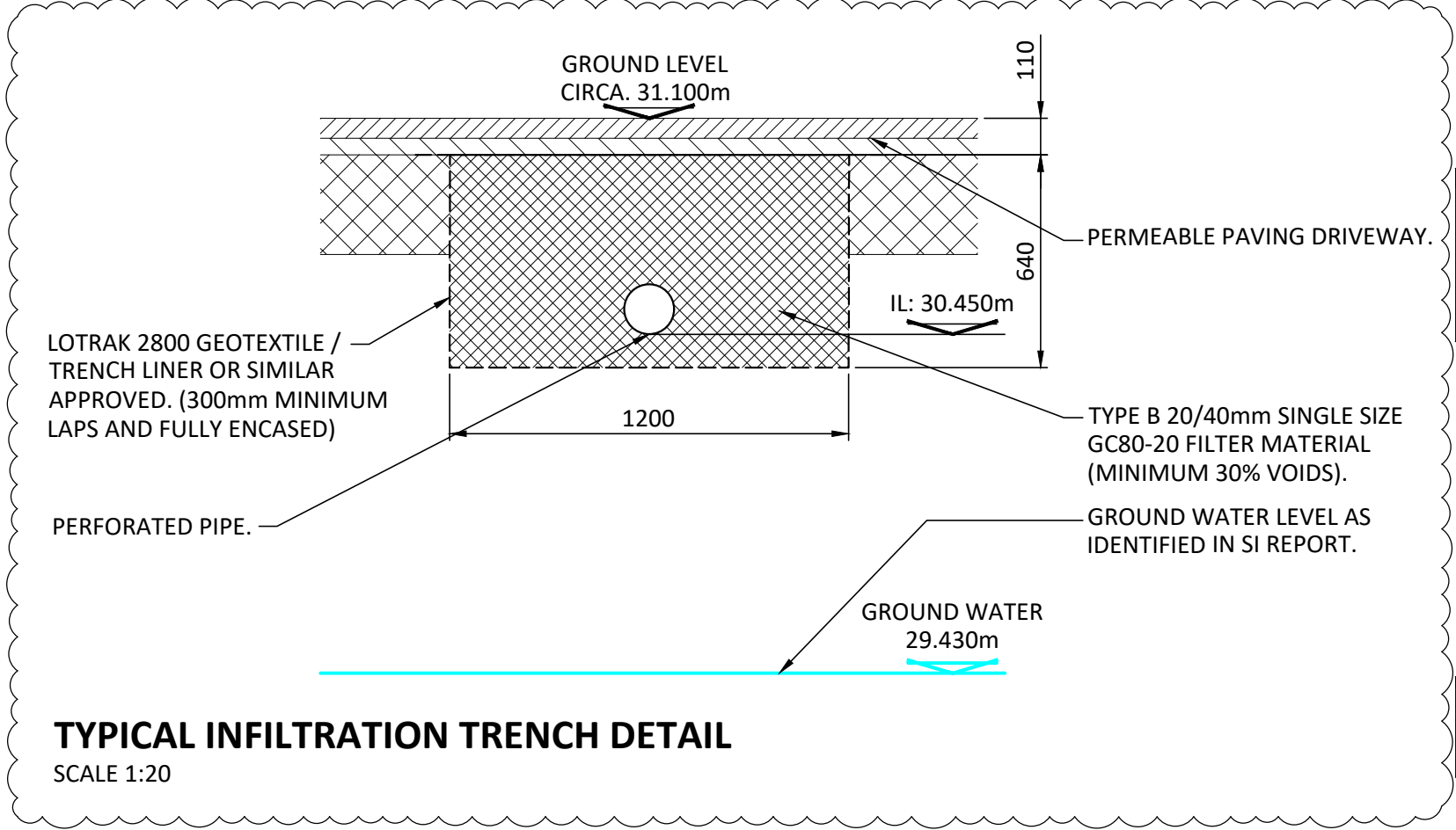




PROPOSED DRAINAGE PLAN
SCALE 1:200



TYPICAL INFILTRATION TRENCH DETAIL
SCALE 1:20

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DRAINAGE KEY	GENERAL NOTES
INDICATES EXISTING FW DRAINAGE INDICATES EXISTING CW DRAINAGE INDICATES EXISTING SW DRAINAGE	INDICATES NEW FW DRAINAGE INDICATES NEW CW DRAINAGE INDICATES NEW SW DRAINAGE
ALL NEW SURFACE AND FOUL WATER PIPES TO BE 100mm Ø UNO. ALL MANHOLES TO BE CONCRETE ENCASED PPIC'S, REFER TO DETAIL ON DRAWING 2751 - 101. ALL MANHOLE COVERS TO BE D400 LOAD RATING.	
CDM DESIGNER'S RISK ASSESSMENT BRENNANCONSULT ASSUME THAT THE CONTRACTOR IS COMPETENT IN MATTERS OF HEALTH & SAFETY AND IS AWARE OF ALL THE NORMAL RISKS ASSOCIATED WITH CONSTRUCTION OF THE TYPE SHOWN ON THIS DRAWING. REMAINING UNUSUAL RISKS ARE:	
CONSTRUCTION	CHK'D.
1. POSSIBILITY OF UNCHARTED BURIED SERVICES. CONTRACTOR TO SURVEY AND SCAN FOR LOCATION OF ANY POSSIBLE BURIED SERVICES IN ADVANCE OF ANY FOUNDATION WORKS BEING UNDERTAKEN.	CB
MAINTENANCE / CLEANING	
NO UNUSUAL RISKS	CB
DECOMMISSIONING / DEMOLITION	
NO UNUSUAL RISKS	CB

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ASSOCIATED DRAWINGS. ANY DISCREPANCY IS TO BE RAISED PRIOR TO CONSTRUCTION. ANY CONSTRUCTION WORKS WHICH COMMENCE BEFORE THESE DRAWINGS ARE APPROVED ARE AT THE RISK OF THE BUILDING CONTRACTOR.
 2. ALL DIMENSIONS ARE IN MILLIMETERS (mm). DO NOT SCALE FROM THIS DRAWING, WORK TO STATED DIMENSIONS ONLY.
 3. BUILDING CONTRACTOR TO ENSURE ALL WORKS COMPLY WITH THE CURRENT EDITION OF THE BUILDING REGULATIONS. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH APPROVED DOCUMENT REGULATION 7.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATION, ERECTION AND REMOVAL OF ALL TEMPORARY WORKS AND SHALL PROVIDE ALL TEMPORARY BRACING AS NECESSARY TO MAINTAIN STRUCTURAL STABILITY DURING CONSTRUCTION.
 5. IF THE CONTRACTOR CONSIDERS THAT HE DOES NOT HAVE SUFFICIENT INFORMATION TO SAFELY COMPLETE THE WORKS DETAILED ON THIS DRAWING, HE SHOULD CONTACT THE ENGINEER.
- DRAINAGE NOTES**
1. ALL PRIVATE DRAINAGE WITHIN THE SITE IS TO COMPLY WITH THE REQUIREMENTS OF BS EN 752 AND BUILDING REGULATIONS APPROVED DOCUMENT H.
 2. DETAILS OF EXISTING SEWERS SHALL BE CONFIRMED BY THE CONTRACTOR ON SITE PRIOR TO THE COMMENCEMENT OF WORKS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHOULD CHECK THE LEVELS OF ALL NEW OUT FALLS IN RELATION TO EXISTING SEWERS PRIOR TO ANY CONSTRUCTION TO ENSURE THE PROPOSED DESIGN CAN BE ACHIEVED.
 3. THE CONTRACTOR SHALL ASCERTAIN THE DEPTHS, SIZES AND LOCATIONS OF ALL SERVICES TO BE CROSSED BEFORE EXCAVATION COMMENCES. ANY CONFLICT IN LEVELS BETWEEN NEW AND EXISTING SEWERS TO BE NOTIFIED TO THE ENGINEER.
 4. ALL PIPES, CONNECTIONS, GULLIES, ACCESS FITTINGS, INSPECTION CHAMBERS, AND MANHOLES ARE TO COMPLY WITH THE BUILDING REGULATIONS.
 5. PIPE BEDDING MATERIAL TO BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS, TAKING ACCOUNT OF THE DEPTH & LOADING IN RELATION TO THE PIPE STRENGTH, AND MODIFIED IF NECESSARY WHERE BELOW WATER LEVEL. BEDDING PROPOSALS ARE TO BE ISSUED FOR CONSIDERATION.
 6. PIPES CONNECTED TO CHAMBERS ARE TO HAVE SOFFITS LEVEL U.N.O. PIPES 150mm IN DIAMETER OR SMALLER MAY BE LOWERED TO CENTRE LINES LEVEL.
 7. ALL RWP CONNECTIONS TO BE 100mm DIAMETER U.N.O. LAID TO A FALL NO FLATTER THAN 1:40 AND WITH ROD ACCESS AT THE BASE.
 8. ALL BRICKWORK IN CONNECTION WITH DRAINAGE IS TO BE SOLID CLASS B ENGINEERING BRICK TO BS3921.
 9. ALL PRECAST CONCRETE PIPES, CHAMBER PRODUCTS AND ROAD GULLIES SHALL BE TO BS5911 AND BE KITE MARKED.
 10. ALL INSITU AND CONCRETE PRODUCTS SHALL COMPLY WITH CLASS D51 REQUIREMENTS FOR SULPHATE EXPOSURE IN ACCORDANCE WITH BRE SPECIAL DIGEST 1, CONCRETE IN AGGRESSIVE GROUND (2001) PART 1: TABLE 2.
 11. UPON COMPLETION OF THE WORKS THE CONTRACTOR SHALL CLEAN ALL DRAINAGE BY JETTING, REMOVING ALL DEBRIS FROM SITE. NO DEBRIS SHALL BE PERMITTED TO ENTER THE EXISTING DRAINAGE SYSTEM.
 12. ALL PROPRIETARY PRODUCTS TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS.
 13. ALL RWPs TO DISCHARGE BY DIRECT CONNECTION INTO RODDABLE ACCESS GULLY, WITH INTERGRAL TRAP.
 14. ALL SVP'S & WWP'S POP UP'S TO CONSIST OF SLOW BENDS.

- DRAINAGE STRATEGY**
1. THE FOUL DRAINAGE SHALL CONNECT INTO THE 450mm Ø PUBLIC COMBINED SEWER IN CAVENDISH ROAD.
 2. THE SURFACE WATER SHALL BE DISPOSED WITH THE USE OF AN INFILTRATION TRENCH ON SITE AS PRELIMINARY TRIAL HOLES HAVE CONFIRMED THE GROUND CONDITIONS TO BE GRANULAR SANDS.

E	MINOR AMENDMENTS, REFER TO REV CLOUDS	WSS	18.04.23	CB
D	MINOR AMENDMENTS, REFER TO REV CLOUDS	JR	03.04.23	CB
C	ISSUED TO DISCHARGE PLANNING CONDITIONS	WSS	20.12.22	CB
B	SITE BOUNDARY LINE UPDATED	WSS	22.02.22	CB
A	ISSUED FOR PLANNING	WSS	21.02.22	CB
O	PRELIMINARY ISSUE	WSS	18.01.22	CB
REV	REVISION DESCRIPTION	BY	DATE	CHECKED

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NEW RESIDENTIAL DEVELOPMENT
PROPOSED DRAINAGE PLAN

Status PLANNING					
Project No. 2751	Series Code	Drawing No. 100	Revision E		
Scale 1:100	Size A1	Drawn JR	Date JAN 22	Checked CB	Passed CB