

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
Do not scale from this drawing.

NOTES

- THE LOCATION AND LEVEL OF EXISTING DRAINAGE CONNECTIONS AND DRAINAGE SERVICES IS TO BE CHECKED PRIOR TO COMMENCEMENT OF WORKS. ANY VARIANCE TO THE DETAILS ON THIS DRAWING AND THE SCHEDULE IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE DESIGN IS BASED ON THE INFORMATION AVAILABLE ON THE DATE OF ISSUE FROM OTHER PARTS (E.G. ARCHITECT AND M.E. ENGINEER). IT IS SUBJECT TO CHANGE RESULTING FROM UPDATES TO THE AVAILABLE INFORMATION FROM OTHERS.
- THE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE MBS SPECIFICATION, ASSOCIATED MANHOLE SCHEDULE AND STANDARD DRAINAGE DETAIL DRAWINGS WHERE APPLICABLE.
- THE POSITIONS OF FOUL AND SURFACE WATER DRAINAGE POINTS ARE INDICATED ONLY. REFER TO THE ARCHITECT'S DRAWINGS FOR SETTING OUT DETAILS.
- MANHOLES, SEWERS, LATERAL CONNECTIONS ETC. AND ANY OTHER PART OF THE WORK INTENDED FOR ADOPTION UNDER A SECTION 106 AGREEMENT OR CONSTRUCTION IN ACCORDANCE WITH SERVICES FOR ADOPTION (SECTION 106) OR LATEST AND TO THE APPROVAL OF THE WATER AND HIGHWAY AUTHORITIES.
- UNOCCUPIED FLOORS AND ROOFS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS, BS EN 12526 AND BS EN 12066.
- DRAINS ARE TO BE CONNECTED TO A MAIN DRAIN OR TO A DRAINAGE POINT PRESSURE TO EN 12066. SPECIAL PROVISIONS APPLY TO BASEMENT FLOOR SABS - SEE DETAILED DRAINAGE AND STRUCTURAL DRAWINGS. CONCRETE ENCASMENT TO BE REINFORCED AS PER PERFORMANCE DETAIL.
- PROPOSED DRAINAGE TO BE CONNECTED TO A MAIN DRAIN OR TO A DRAINAGE POINT PRESSURE TO EN 12066. SPECIAL PROVISIONS APPLY TO BASEMENT FLOOR SABS - SEE DETAILED DRAINAGE AND STRUCTURAL DRAWINGS. CONCRETE ENCASMENT TO BE REINFORCED AS PER PERFORMANCE DETAIL.
- ALL SOIL CONNECTIONS UNDER BUILDINGS TO BE 100mm DIA. UNLESS NOTED OTHERWISE AND SHOULD BE REDUCIBLE FROM GROUND LEVEL.
- ALL RWP CONNECTIONS TO BE 100mm DIAMETER AND TO BE LAD AT A REDUCIBLE FROM ABOVE GROUND LEVEL.
- RAINWATER DOWN PIPES TO CONNECT TO A DRAIN VIA A FIRST FLOOR OR BE CONNECTED TO A MAIN DRAIN OR TO A DRAINAGE POINT PRESSURE TO EN 12066. SPECIAL PROVISIONS APPLY TO BASEMENT FLOOR SABS - SEE DETAILED DRAINAGE AND STRUCTURAL DRAWINGS. CONCRETE ENCASMENT TO BE REINFORCED AS PER PERFORMANCE DETAIL.
- CHIMNEY DRAINS TO BE 100mm DIA. UNLESS NOTED OTHERWISE AND SHOULD BE REDUCIBLE FROM ABOVE GROUND LEVEL.
- IN CASES OF SUSPENDED FLOOR SLABS, DRAINS ARE TO BE CAST THROUGH THE FLOOR SLAB INTO UNDISTURBED GROUND. THE DRAIN SHALL BE SURROUNDED BY A 200mm DIA. CONCRETE CIRCULAR WELL COMPACTED IN LAYERS NOT EXCEEDING 25mm.
- ALL INTERNAL FLOOR DRAINS TO BE SPECIFIED BY THE ARCHITECT.
- ANY PIPE OR GALLEY OR OTHER FITTING OR DUCT PENETRATING THE BASEMENT SLAB OR WALL IS TO BE WATERPROOFED USING HYPOPHILIC STIMPS OR FODDER LAMINATES TO ENSURE A WATER TIGHT JUNT.
- CONCRETE SURROUND TO DRAINAGE PIPES AND FITTINGS MAY BE REQUIRED IN CERTAIN CASES - REFER TO DETAILED DRAINAGE DRAWINGS AND RELEVANT STRUCTURAL DETAILS.
- EXISTING FOUNDATIONS AND RETAINING WALLS MUST NOT BE UNDERMINED BY NEW DRAINAGE PIPES UNLESS AGREED IN WRITING WITH THE STRUCTURAL ENGINEER. THE STRUCTURAL ENGINEER SHALL BE RESPONSIBLE FOR THE STRUCTURAL ENGINEER OR CONSULTANT TO COMMENCEMENT OF WORKS.

NOT FOR CONSTRUCTION

REV	DATE	BY	CHK	DESCRIPTION
P2	10/02/16	KCT	PCN	Preliminary Issue
P1	23/02/15	KCT	Fire	Preliminary Issue

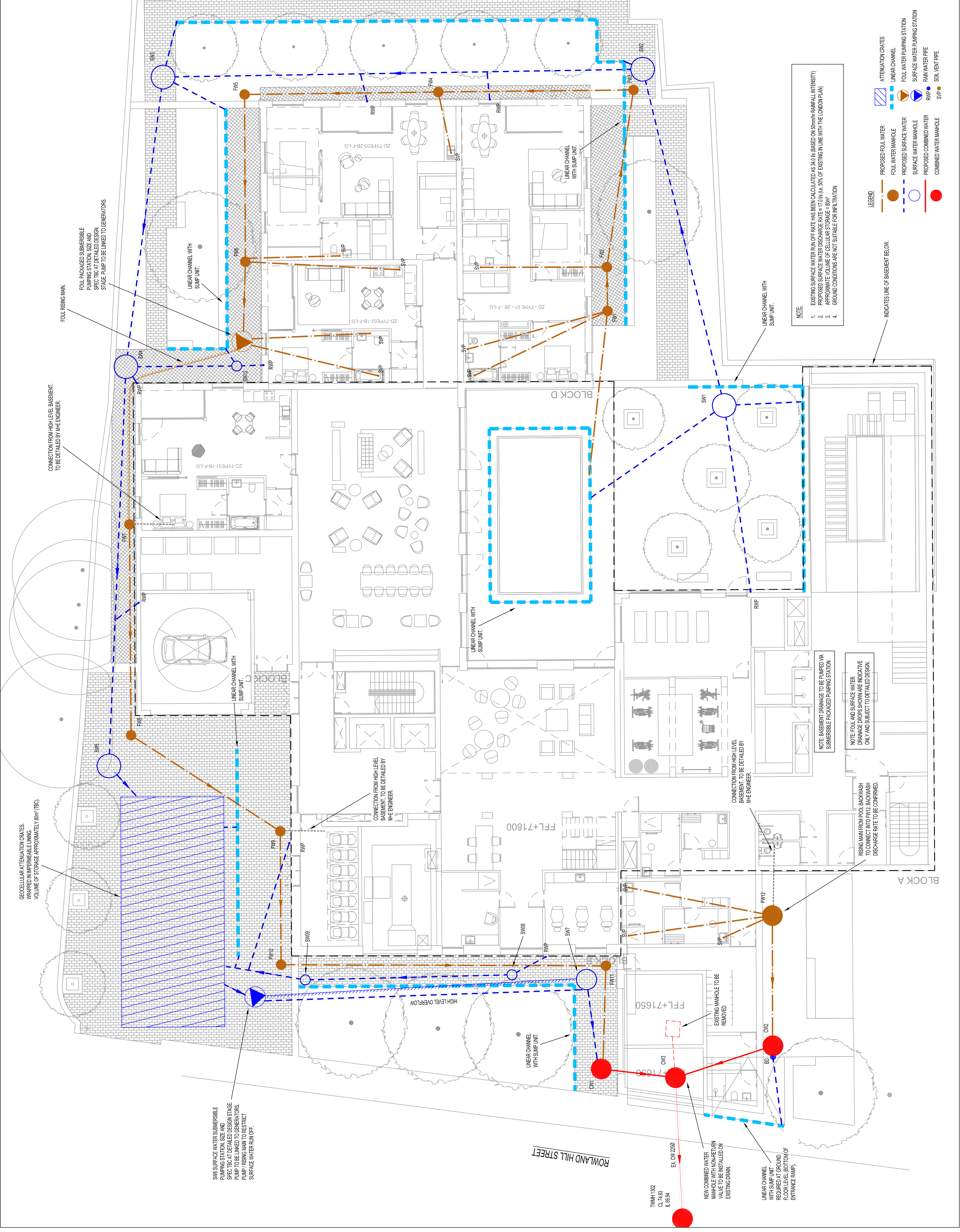
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project

Bartrams Convent, Rowland Hill Street, Hampstead, NW3 2AB

scale (e) 1:100 @ A1 1:200 @ A3
drawing status: Preliminary
drawing title: Proposed Below Ground Drainage Layout
Lower Ground Floor Level

job no	213839	drawing no	D/002	revision	P2
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LEGEND

- PROPOSED FOUL WATER
- FOUL WATER MANHOLE
- PROPOSED SURFACE WATER
- SURFACE WATER MANHOLE
- PROPOSED COMBINED WATER
- COMBINED WATER MANHOLE
- ATTENUATION CRATES
- LINEAR CHANNEL
- FOUL WATER PUMPING STATION
- SURFACE WATER PUMPING STATION
- RAIN WATER PIPE
- SOL VENT PIPE

NOTE:
 1. EXISTING SURFACE WATER RUN OFF RATE HAS BEEN CALCULATED AS 8.0 L/S (BASED ON 50mm H-RAINFALL INTENSITY)
 2. PROPOSED SURFACE WATER DISCHARGE RATE IS 1.0 L/S (6.0% OF EXISTING IN LINE WITH THE LOCAL PLAN)
 3. APPROXIMATE VOLUME OF CELLULAR STORAGE = 80m³
 4. GROUND CONDITIONS ARE NOT SUITABLE FOR INFILTRATION

INDICATES LINE OF BASEMENT BELOW.

NOTE: BASEMENT DRAINAGE TO BE PUMPED VIA SUBMERSIBLE PACKAGED PUMPING STATION

NOTE: FOUL AND SURFACE WATER DRAINAGE DROPS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN.

RISE MAIN FROM POOL BROWWASH TO CONNECT INTO RWV2 BROWWASH DISCHARGE RATE TO BE CONFIRMED.

NEW COMBINED WATER MANHOLE WITH NON-RETURN VALVE TO BE INSTALLED ON EXISTING GROUND.

LINEAR CHANNEL WITH SUMP UNIT REQUIRED AT GROUND FLOOR LEVEL (BOTTOM OF ENTRANCE RAMP).

EXISTING MANHOLE TO BE REMOVED.

CONNECTION FROM HIGH LEVEL BASEMENT TO BE DETAILED BY THE ENGINEER.

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