

1. IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENT'S RESPONSIBILITY TO PRINT THE DOCUMENT TO THE CORRECT SCALE
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. IT IS RECOMMENDED THAT INFORMATION IS NOT SCALED OFF THIS DRAWING
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS
4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. REFER TO FOLLOWING CCS CONSULTING DRAWINGS FOR EXTERNAL WORKS & BELOW GROUND DRAINAGE PLANS AND TYPICAL DETAILS:
 - 22182-CCS-WCH006-ZZ-DR-S-05000 (CONSTRUCTION NOTES)
 - 22182-CCS-WCH006-XX-DR-S-00000 (EXT. WORKS PLAN)
 - 22182-CCS-WCH006-XX-DR-S-00001 (EXT. WORKS DETAILS)
 - 22182-CCS-WCH006-XX-DR-S-03001 (BGD TYPICAL DETAILS)
 - 22182-CCS-WCH006-XX-DR-S-03002 (BGD TYPICAL DETAILS)
 - 22182-CCS-WCH006-XX-DR-S-03002 (MANHOLE SCHEDULE)
6. REFER TO FOLLOWING SQUAIREWAY DRAWINGS FOR LANDSCAPING GENERAL ARRANGEMENT & DETAILS:
 - 2301-SQU-XX-00-DR-L-001



ccs consulting
MANCHESTER • LONDON • LEEDS

TITLE

PROPOSED BELOW GROUND
DRAINAGE PLAN

Tender Issue - For Costing Purposes Only



SCALE 1:200



- PROPOSED PIPE CROSSING TO BE FULLY ENCASED IN CONCRETE

T3



- | | |
|------|--|
| | Denotes Development Boundary |
| | Denotes Existing Combined Drain |
| | Denotes Existing Foul Water Drain |
| | Denotes Existing Surface Water Drain |
| | Denotes Extent of Existing Surveyed Drainage Run.
<i>End of Trace/ Survey Abandoned Due to Obstruction. Refer to CCTV Survey.</i> |
| | Denotes Redundant Drain -
<i>To be Removed/ Capped - Usage as Per Existing Line Types</i> |
| | Denotes Proposed Combined Drain |
| | Denotes Proposed Primary Foul Water Drain |
| | Denotes Proposed Secondary Foul Water Drain -
All Runs to be 100Ø U.N.O. |
| | Denotes Proposed Surface Water Drain |
| | Denotes Proposed Secondary Surface Water Drain -
All Runs to be 100Ø U.N.O. |
| | Denotes Proposed Channel/ Slot Drain |
| | Denotes Proposed Foul Water Pump Rising Main |
| | Denotes Proposed Surface Water Pump Rising Main |
| | Denotes Proposed Foul Water Drain to be Installed &
Capped to Allow for Future Connection |
| | Denotes Proposed Surface Water Drain to be
Installed & Capped to Allow for Future Connection |
| | Denotes Proposed Filter Drain/ Rain Garden |
| | Denotes Exceedance Flow Routes |
| | Denotes Existing RWP/ SVP - As Noted
<i>(Shown Indicatively - Final Locations TBC on Site)</i> |
| | Denotes Proposed FW Ground Floor Penetration
<i>(Shown Indicatively -
Final Locations as per Architects Set Out)</i> |
| | Denotes Proposed RWP Location As provided
by Architect
<i>(Shown Indicatively - Final Locations as per
Architects Set Out)</i> |
| | Denotes Above Ground Foul Water Drain
<i>(Proposed) - Shown Indicatively Final
Arrangement TBC by M&E Contractor</i> |
| MH | Denotes Manhole Location |
| PPIC | Denotes Inspection Chamber Location |
| FG | Denotes Foul Water Gully Location |
| SVP | Denotes Soil Vent Pipe Location |
| SS | Denotes Stub Stack Location |
| G | Denotes Gully |
| RE | Denotes Rodding Eye Location |
| BIG | Denotes Back Inlet Gully |
| BD | Denotes Back Drop Location |
| WB | Denotes Proposed Water Butt |
| F.A. | Denotes Pipe/ Penetration From Above. |
| A.G. | Denotes Pipe Run Above Ground Floor Level |
| AAV | Denotes Air Admittance Valve -
<i>Final Spec. / Details TBC by M&E Contractor.</i> |
| | Denotes Existing Below Ground LV Cable/
Ducting |
| | Denotes Proposed LV M&E Cable/ Ducting -
<i>Details as per M&E Contractors Specification.</i> |
| | Denotes Existing Below Ground HV Cable/
Ducting |
| | Denotes As-Installed Below Ground HV Cable/
Ducting as per Received ENW Survey Drawing.
<i>Refer to ENW Drawing Form.</i> |
- C.053707-ENW-LO-SD-001-AL01-Withington Hospital

