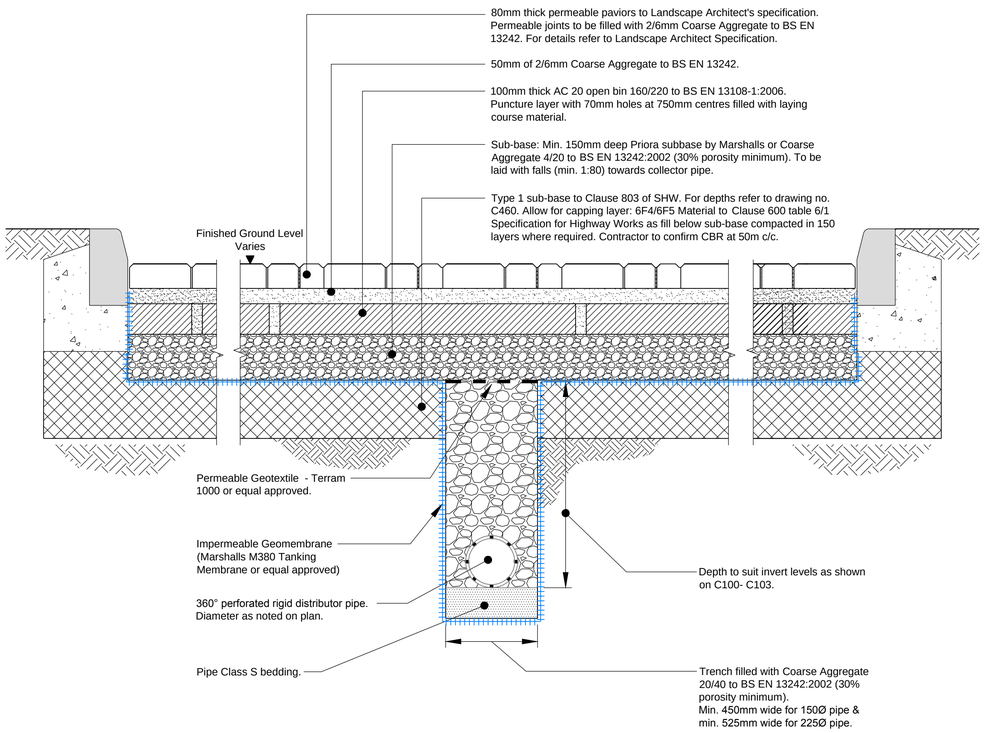

TYPICAL SECTION THROUGH PERMEABLE PAVING & FRENCH DRAIN

(SCALE 1:10)

THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS. DO NOT SCALE FROM THIS DRAWING.

NOTES

1. Invert levels and positions of existing drains / chambers / sewers where new connections are to be made must be checked and confirmed to the engineer prior to the commencement of any works.
2. All drainage works shall be carried out in accordance with the requirements of the Local Authority, the Environment Agency and in conjunction with all relevant British Standards, Codes of Practice and 'Sewers for Adoption' 7th Edition and any addendums as appropriate.
3. All drainage shall comply with the typical details and the requirements of BS EN 752 and Part H of the Building Regulations.
4. Any part of the existing drainage system to be retained as part of the new scheme shall be cleaned and inspected. Any structural defects shall be repaired using appropriate and approved means.
5. Refer to manhole schedules or drawings for manhole types, sizes, depths and specific requirements.
6. For setting-out dimensions of SVP's, RWP's etc, refer to Architect's or Mechanical Engineer's drawings. Positions shown are indicative and subject to final design.
7. All foul and RWP connections shall be 100mm diameter unless otherwise specified.
8. All precast concrete units used in the drainage works shall be manufactured using sulphate resisting cement.
9. Manhole covers and frames shall be BS EN 124 and shall be Kitemarked. Covers and frames shall be heavy duty D400 in carriageways and vehicular areas and medium duty B125 in footways and soft landscaping. In blocked/concrete paved areas covers shall be recessed fabricated steel.
10. All internal inspection chambers to be recessed, double sealed with screw down covers.
11. Refer to structural drawings for details of manholes and sewers constructed within floor slabs and foundations.
12. Cover levels are to be adjusted locally to suit finished ground levels.
13. At least one soil pipe at the head of each foul run shall vent to the atmosphere.
14. Existing drainage to be removed is to be broken out to bed level and void backfilled with granular material, compacted in layers not exceeding 250mm.
15. All drain runs from SVP's, stub stacks or FW gullies to be laid at 1:40 gradient unless otherwise stated.
16. Access panels are to be provided to all rainwater pipes, max 600 above finished ground level.
17. All manholes / inspection chambers in block paved areas, to have recessed covers. MH covers in paved areas to have cover & frame orientated 'square' with paving to minimise cut slabs or blocks.
18. All Gradients at drainage runs are indicative. runs to be laid invert to invert.
19. Generally pipes to have granular Bed & Surround in accordance with manufacturers recommendations, ensuring adequate protection with respect to depth and location.
20. All private drainage to be laid to levels shown using flexibly jointed pipes, either uPVC to BS 4660 and BS 5481 or vitrified clayware to BS EN 295.
21. Depth and Location of existing services to be traced prior to any excavation.
22. All abandoned, buried obstructions encountered during the construction of Highway & Drainage Works are to be broken out to bed level of drains and sewers, and to the formation of carparks and drives etc, and to sufficient depth to allow for laying service company's mains and services.
23. Buried concrete to satisfy the requirements of BRE Special Digest 1 = AC-1 & Site Investigation Report.
24. Rodding eyes, etc are to be laid to manufacturers minimum cover and depth to allow adequate fall from adjoining unit.
25. All proposed trees to have appropriate tree barrier details linking pits to ensure roots are directed away from drainage.
26. HEALTH AND SAFETY: The works shall be carried out by specialist competent and experienced contractors who are members of a recognised national organisation.Operatives shall have received full and appropriate training for the operations they are to undertake. All work shall be carried out in accordance with all pertinent Health and Safety Regulations.
27. This drawing is to be read in conjunction with all relevent Conisbee drawings

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
P1	05.05.15	Issued for Information.	DN	TG

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PRELIMINARY

Project
ST LUKE's DEVELOPMENT
N10 3HU

Title
SUDS DETAILS
- SHEET 2

Date APRIL 2015
Scale AS SHOWN @ A1
Drawn DN
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Project No **140901**
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