

**NOTTINGHAM COUNTY COUNCIL:**  
**General Notes.**

- All works to be undertaken shall be in accordance with the Nottingham Highways Design Guide, NCC standard drawings/specifications and to the NCC highways inspector.
- Private drainage will be installed at the back of highway boundary to prevent surface water from private driveways and footways entering the public highway.
- If proprietary drainage products are to be used within the highway (i.e. no bespoke chambers or cover slabs), the Construction Products Regs (CPR) apply and the Contractor/Developer must provide a Declaration Of Performance and CE/Kitemark data for all the relevant products used to NCC.
- Compliance with CPR does not eliminate the need for a Certificate of Construction Compliance in accordance with CG 300 Appendix N, signed by the Contractor and the Independent Works Examiner.
- The Certificate of Construction Compliance shall be submitted for review and eventual countersignature upon completion of the works. Failure to complete this stage of the technical approval process will affect S38 adoption.
- Nottingham County Council may charge a fee for this process in addition to the S38 administration and inspection fee.

**ICOSA:**  
**General Notes.**

- No backdrops to be used, steeper gradients are preferred to the use of backdrops.
- For Type C manholes the opening cover and frame should be located centrally over the pipe – refer to the Sewer Sector Guidance Design and Construction Document Version 2.0 Figure B14.
- The outside of the sewer should be in vehicle carriageway (not footpath) and be at least 1m from the kerb line. The outside manholes should be at least 0.5m from kerb line.
- The materials to be used should be suitable for the ground conditions.
- In situations where traffic loading is anticipated to be heavier than would occur on a typical residential estate distributor road (i.e. braking or turning near a junction) a higher specification cover (E600) should be used. This should comprise either a Class E600 cover or a D400 of a type that has been assessed and approved by the sewerage company as having sufficient additional ruggedness to ensure durability.

**ICOSA:**  
**Plastic Pipe Standards.**

- Solid wall PVC-U to BS EN 1401.
- Spiral wound welded HDPE to EN 13476 Parts 1&2.
- Structural-wall thermoplastics to EN 13476 Parts 1&3.
- Polypropylene to BS EN 1852.

# Silt Fencing



Received by Ashfield District Council  
14.01.2026

Silt fencing to be installed at the top perimeter of the pond to prevent run off in to the pond.  
Topsoil to be laid to the pond at the initial period of build to allow vegetation growth.



**ENGINEERING GA:**  
**General Notes.**

- Do not scale this drawing. If in doubt, ask.
- This drawing is to be read in conjunction with all other relevant Engineers, Architects and specialist design drawings and details.
- All dimensions are in metres unless noted otherwise. All levels are in metres unless noted otherwise.
- Any discrepancies noted on site are to be reported to the Engineer immediately.
- All drainage works shall be carried out in accordance with the Sewerage Sector Guidance Design and Construction Document Version 2.0.
- Prior to commencement of any drainage works, the contractor shall check the invert level of the existing sewers. If there are any discrepancies with the invert levels shown the Engineer shall be contacted immediately.
- It is the responsibility of the Contractor to locate any service apparatus in the vicinity of the works prior to the commencement of any intrusive works.
- It is the responsibility of the Contractor to execute the works at all times in strict accordance with the requirements of the health and safety at work act 1974, and the C.D.M. regulations 2015. The Contractor will be deemed to have allowed for full compliance, including full liaison with the principal designer/principal contractor, within the rates.
- The Contractor is responsible for ensuring that all works are to the satisfaction of the Engineer, and shall be deemed to have included within his rates for any necessary testing.
- The Contractor will be responsible for providing all necessary de-watering and trench support to execute the works in a satisfactory manner, and shall be deemed to have allowed for the same within his rates.
- All buried concrete products and mortar shall be made using sulphate resisting cement.
- All materials for use in the contract must be BS kitemarked. All lifting eyes in P.C.C. products shall be pointed smooth after fixing. ICOSA requires that precast concrete rings must not be cut on site.
- Pipes shall be laid with soffits level unless stated otherwise.
- ICOSA requires that at all pipe crossings, a plastic membrane to be used for protection to eliminate any chances of cross contamination.
- Precast concrete rings shall not be cut.
- Temporary screen/grills to be provided in storm and foul manholes in order to prevent any construction debris/rubble from entering the receiving watercourse or public foul sewer system during the construction works.
- Any existing trees or proposed tree planting within 12m of a public sewer shall accord with the requirements of the Sewer Sector Guidance Design and Construction Version 2, Cl'S B5.1.10-11.
- All highway works shall be carried out in accordance with the relevant Highway Design Guide and technically approved drawings.
- The Contractor shall check all tie-ins for line and level with existing before commencing any works. The Engineer shall be notified immediately in writing, should any errors be found.
- All tactile paving tile arrangements shall be laid with the modules in line with the crossing and must be agreed with the highway authority prior to laying. New service boxes should be located away from pedestrian dropped crossing points to avoid the need for cutting tactile paving slabs.

# Gabion



Terram wrapped gabion to be installed against the outlet headwall to reduce silt transfer.

- Silt Fencing
- Directional flow of surface water
- 1m wide, 0.6m high site won topsoil bund to site perimeter



ATTENUATION BASIN  
BED LEVEL 163.400m  
MAX WATER LEVEL 164.300m  
TOP OF BANK 164.700m  
FREEBOARD 400mm  
STORAGE VOLUME 305m<sup>3</sup>  
EMBANKMENT 1 IN 3

FLOW CONTROL CHAMBER (S7)  
COVER LEVEL TBC  
INVERT LEVEL 163.375m  
DESIGN HEAD 925mm  
MAX FLOW 3.4 l/s  
MAX WL 164.500m

EXISTING MANHOLE EXC5602 IS ASSUMED TO BE A BRICK BUILT CHAMBER BASED ON ITS POSITION IN THE FOOTWAY AND AGE.  
THE CHAMBER MAY NEED TO BE REBUILT TO ACCOMMODATE THE NEW CONNECTION.

THE EXISTING ROAD WILL REQUIRE RECONSTRUCTION TO LIFT LEVELS, APPROXIMATELY 14m TOTAL LENGTH. THE KERBSIDES ARE TO BE REBUILT TO STRENGTHEN OUT THE ROAD AND PROVIDE A MORE UNIFORM WIDTH.

# Silt Sock



Silt sock to be used for all pumping activities.  
No water to be discharged in to the Foul or Storm network system.  
Pumped water to be dispersed in to adjacent vegetated grassland, within perimeter fencing.  
Groundwater not anticipated, concluded by Site Investigation findings.  
No requirement for specialist De-Watering, concluded by Site Investigation findings.

# Gully Protection



Gully bags to be installed within all newly installed gullies.  
Quarterly maintenance of gully bags to be carried out.

**ENGINEERING KEY:**

- MANHOLE REFERENCE: S1 COVER LEVEL PIPE REFERENCE: CL 102.000 INVERT LEVEL RL 100.000 1:50 1:50 10.000m 1:200
- MANHOLE REFERENCE: F1 COVER LEVEL PIPE REFERENCE: CL 102.000 INVERT LEVEL RL 100.000 1:50 1:50 10.000m 1:200
- MANHOLE REFERENCE: C1 COVER LEVEL PIPE REFERENCE: CL 102.000 INVERT LEVEL RL 100.000 1:50 1:50 10.000m 1:200
- CONCRETE PROTECTION <1.2m COVER TO ROAD SURFACE ROAD
- SEWER/DRAINAGE EASEMENT DIMENSIONED
- HS HIGHWAY GULLY
- PRIVATE FOUL LATERAL
- PRIVATE STORM LATERAL
- CARRIAGEWAY LOW/HIGH POINT
- EXISTING STORM WATER SEWER
- EXISTING FOUL WATER SEWER
- EXISTING COMBINED WATER SEWER

REV	DESCRIPTION	DATE	INITIAL
C	BASIN FOREBAY ARRANGEMENT REVISED.	03.10.25	JG
B	SITE ACCESS CENTRELINE AND CHANNELS REALIGNED, F1 REPOSITIONED, EASTERN FOOTPATH REALIGNED.	27.08.25	JG
A	SITE ACCESS CENTRELINE AND CHANNELS REALIGNED.	08.08.25	JG

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**CLIENT**  
GRIFFITHS BUILD

**PROJECT**  
PROPOSED RESIDENTIAL DEVELOPMENT AT OMBERLEY AVENUE SKEGBY

**TITLE**  
Proposed SWMP

<b>DRAWN</b> JG	<b>DATE</b> 06-08-2025	<b>PURPOSE OF ISSUE</b> <input type="checkbox"/> PRELIMINARY <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION
<b>SCALE</b> 1/500	<b>SIZE</b> A1	<b>REV.</b> C
<b>DWG NO.</b> E366-10-01		