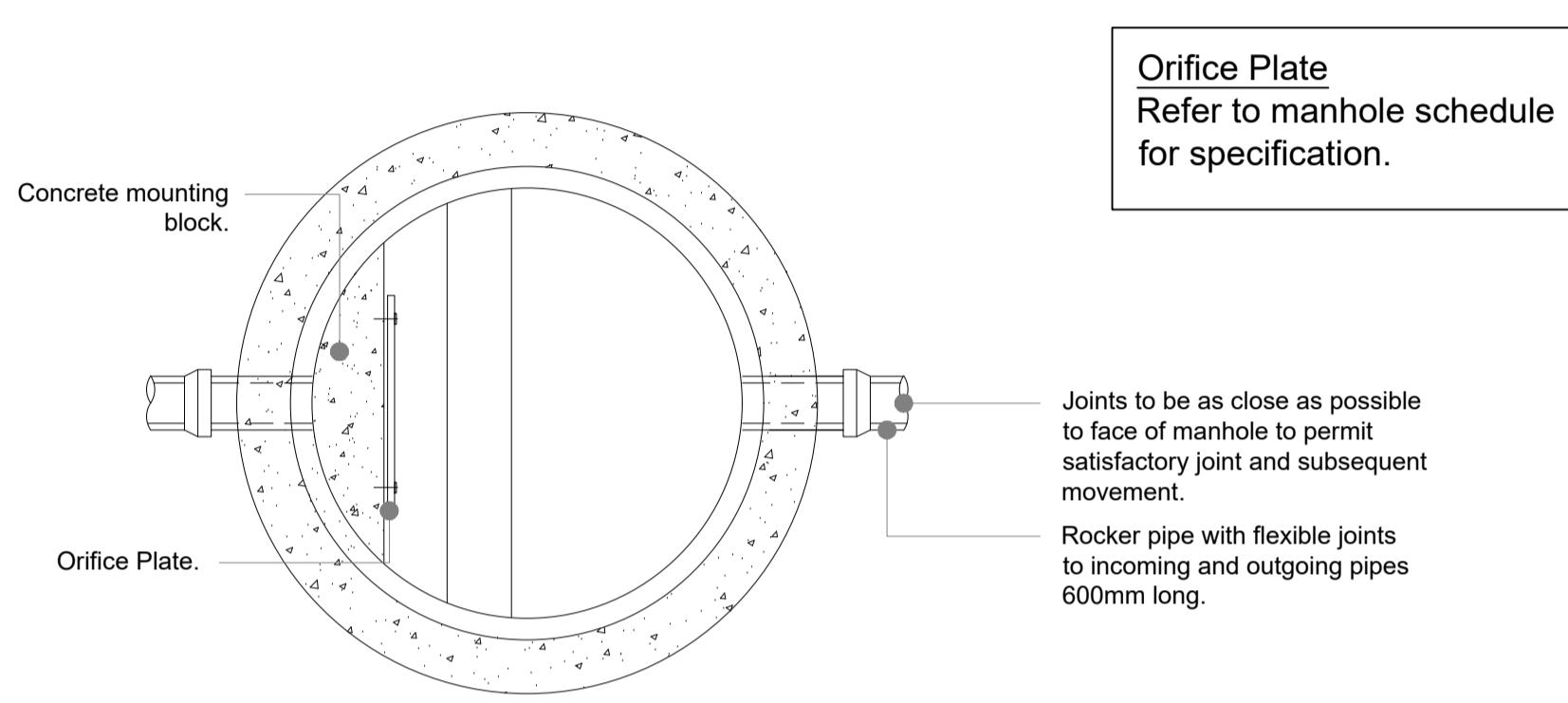
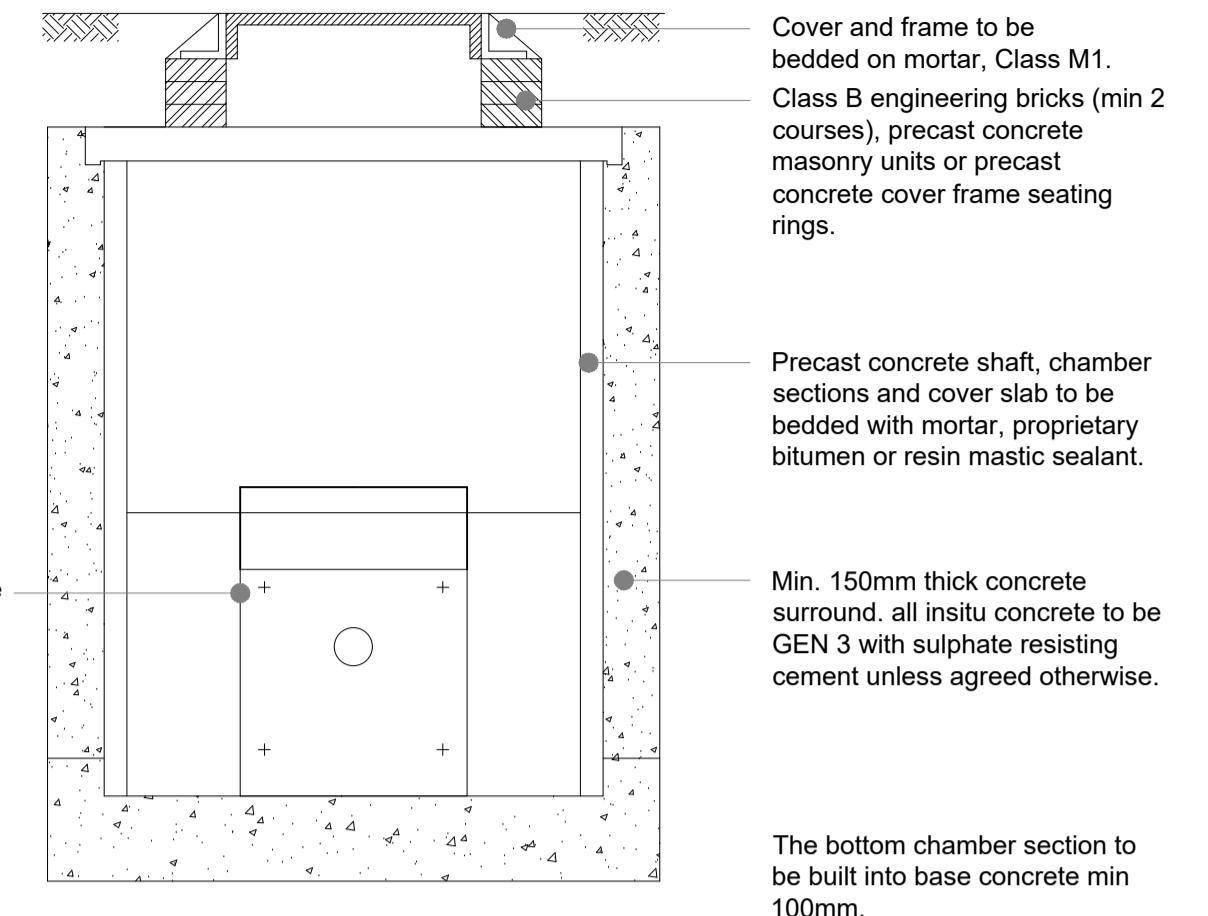
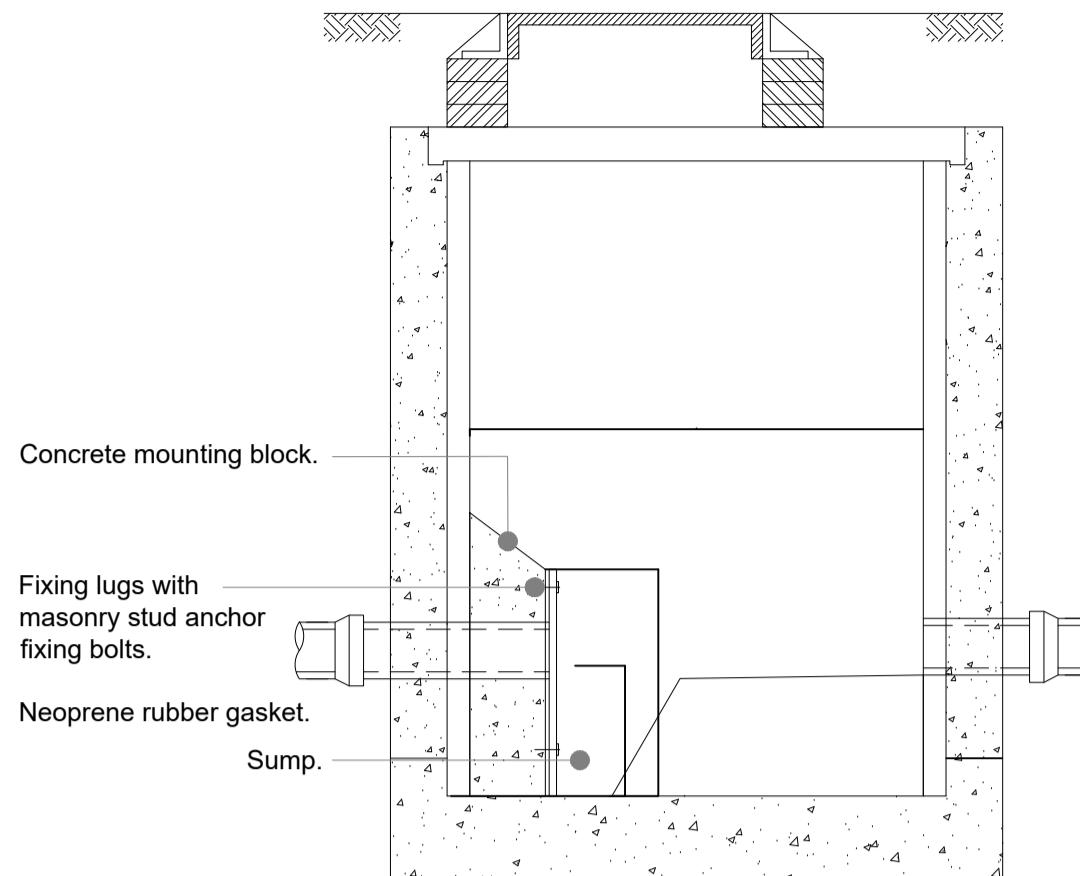


NOTES

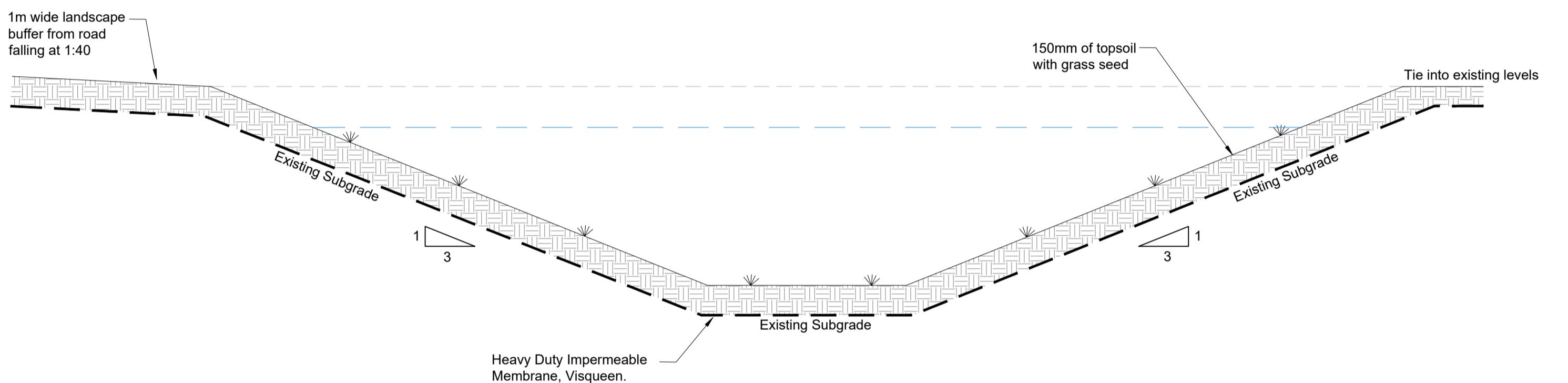
- DO NOT SCALE THIS DRAWING. WORK TO FIGURES AND DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
- All works to comply with the relevant British Standards, Codes of Practice and Building Regulations.
- Any discrepancies between all working drawings, specifications and schedules of all disciplines to the relevant codes and regulations to CTP for clarity and consistency shall be determined by reference to the relevant codes and regulations.
- All private drainage works shall be constructed in accordance with Building Regulations Approved Document H (latest edition) and BS EN 752.
- Prior to commencement of the works the contractor shall liaise with all relevant authorities to obtain their requirements, work method approval when appropriate and the intended choice of materials.
- Refer to highways authority for details of existing site conditions and bench marks.
- Prior to commencement of the works the contractor shall liaise with all relevant authorities to locate, protect and where necessary divert all existing services affected by the works.
- The contractor shall ensure the stability of all excavations is maintained all times and all excavations shall be kept free of standing water.
- All works in, or near to, the highway shall be in accordance with the requirements of the Highway Authority. The contractor shall obtain all necessary licences required to work on the public highway.
- All works to new or existing public sewers shall be to the approval of the local water authority and in accordance with Sewerage Sector Guidance - Latest Edition.
- Prior to commencement of the works all drainage outfall points, whether existing sewer, drain or watercourse, shall be verified on site by the contractor to ensure the outfall is to the correct location. If the location is other than shown on the drawings then the design engineer shall be notified immediately (significant redesign of drainage and levels may be necessary). Prior to commencement of construction on site the contractor shall install all off-site drainage connections, or satisfy highway authority that there are no obstructions or other reasons why the drainage connection cannot be made.
- All cover levels shown on this drawing are approximate, exact levels of new covers and frames are to be determined on site to match level and profile of finished surface.
- The levels of all existing chambers, gullies and their covers, gratings and frames to be improved, repaired or replaced as necessary to suit their location within the finished development.
- All covers, gratings and frames to chambers, gullies, channels etc., shall be of the correct class to suit the location.
- Load Class A125 - pedestrian areas (not accessible by vehicles)
- Load Class B125 - Private drives
- Load Class C250 - Basements / parking bays / lightly trafficked roads
- Load Class D400 - Main roads
- All existing drainage channels, pipes and other drainage apparatus shall be protected from damage during the works. The contractor shall take all necessary measures to ensure that no material enters the drains (other than that which is designed to carry).
- Refer to site investigation report for existing ground conditions and any special requirements for buried concrete (special requirements for concrete shall include all pre-cast and in-situ concrete and mortars). Where appropriate refer to BS 8000-10 for the use of chemicals affecting choice of materials and other additional requirements.
- All pre-cast and in-situ concrete and mortars used in the construction of foul drains and sewers shall be made from sulphate resisting cement.
- Unless noted otherwise all pipework shall be constructed from 'super strength' pipes to BS 65, BS EN 295 or UPVC to BS EN 1401 bedded and backfilled as per the manufacturer's recommendations and the above listed publications.
- The contractor's attention is drawn to the 7 and 8 parts of the Building Regulations Approved Document H showing details of foul and surface water drainage. Where ground membranes are used, their level shall be set to avoid clashing with drain connections.
- Exact location of gullies to be determined on site to suit low points, the contractor shall ensure that all finished surfaces are laid to falls that are sufficient for all surfaces to drain without any flooding.
- For the exact location of soil pipes, stubstacks, W.C.'s and other drainage connections refer to the large scale architectural building plans.
- Rainwater downpipes that do not connect directly to an access point, shall be fitted with a backflow preventer.
- All drainage channels to be by ACO or similar and to be of a type, size and capacity suitable for their location.
- Private access fittings, inspection chambers and manholes shall be constructed in accordance with the relevant parts of Building Regulations Approved Document H and from the materials listed in Table 14. Access points, inspection chambers and manholes shall be constructed from products designed/selected for the location in which they are to be used. They shall be installed in accordance with the manufacturer's/supplier's recommendations.
- Prior to commencement of any works the existing drainage must be traced to ensure that no 'live' connections remain, any such connections must be reported to the contract administrator, prior to diversion into the new drains.
- Private access fittings, inspection chambers and manholes shall be constructed in accordance with the relevant parts of Building Regulations Approved Document H and from the materials listed in Table 14. Access points, inspection chambers and manholes shall be constructed from products designed/selected for the location in which they are to be used. They shall be installed in accordance with the manufacturer's/supplier's recommendations.
- Pipes shall be at a min. gradient 1:40 (1:80 if minimum 1 WC is connected), unless proposed invert levels indicate otherwise.



Typical Orifice Plate Manhole

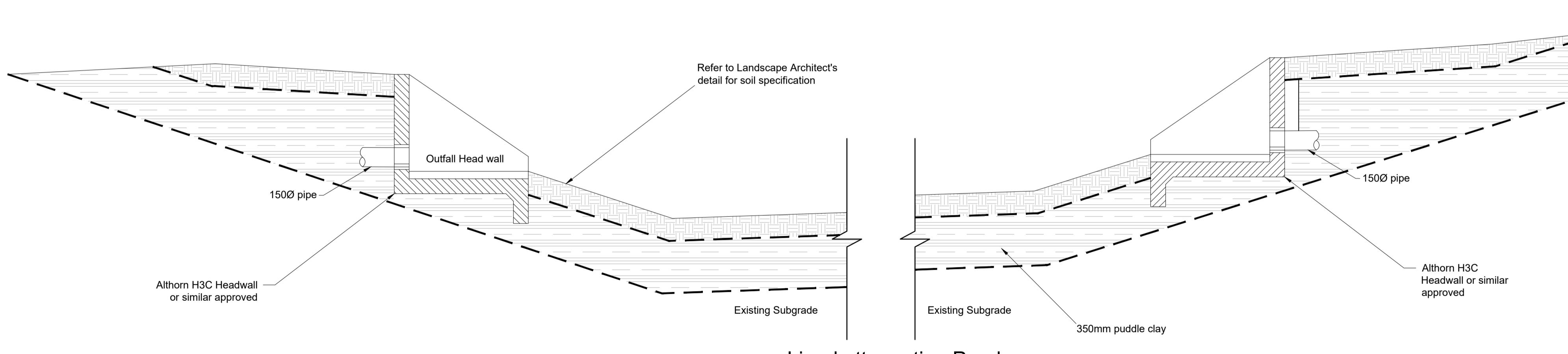
Refer to Plan for Location

Scale 1:20



Swale Typical Detail
(Lined Sides and Base)

Scale 1:20



Lined attenuation Pond
(Lined Sides and Base)

Scale 1:20

0.5m 1m 2m
SCALE 1:20

PRELIMINARY

P1 Preliminary Issue 10.04.24 SF LB
Revision Amendments Date Rev'd Chkd
Created by: SF Date created: April 2024 Discipline: CIVILS

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Project Title:
Hook Meadows
Westergate

Drawing Title:
Drainage Details
Sheet 3 of 3

Drawing Number: 1:250 @A1
Scale: Unless Noted Otherwise
Revision: P1
B0457-1507