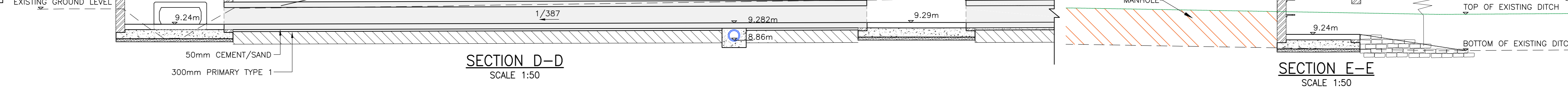
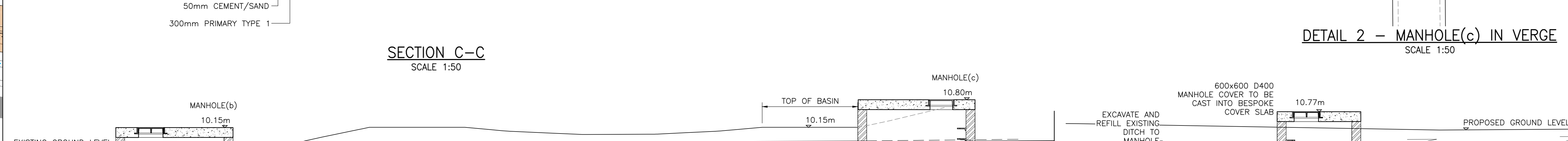
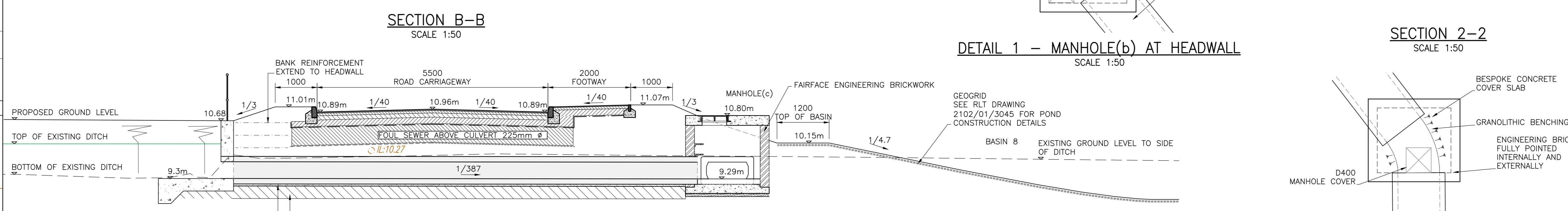
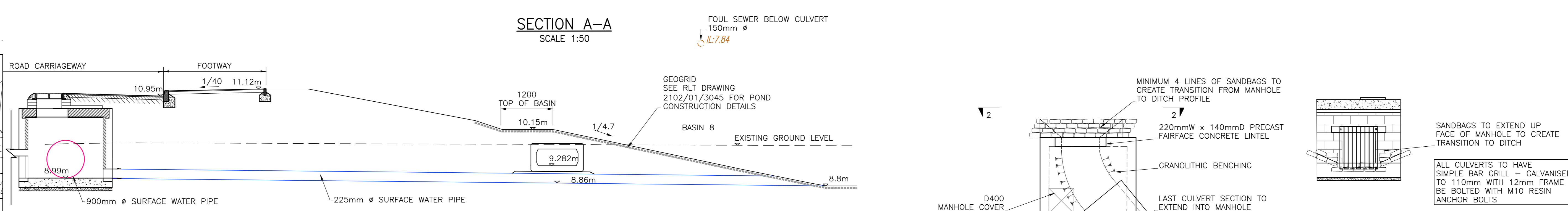
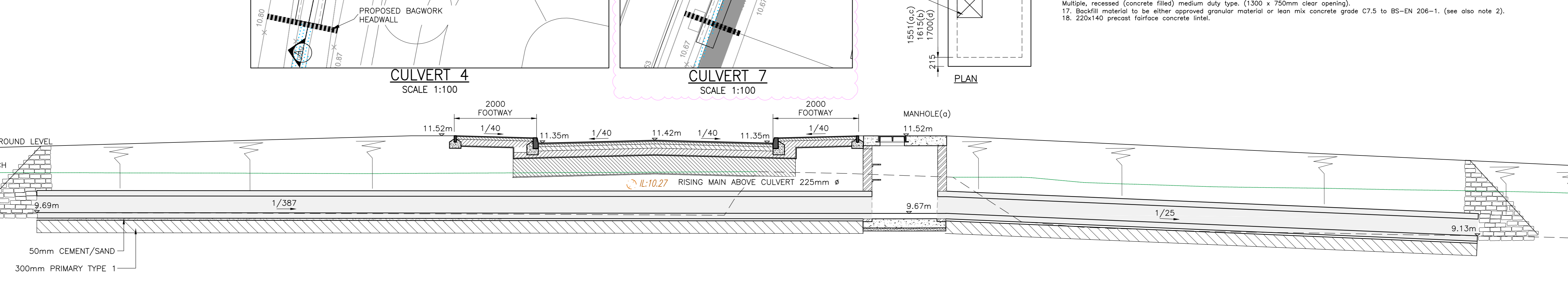
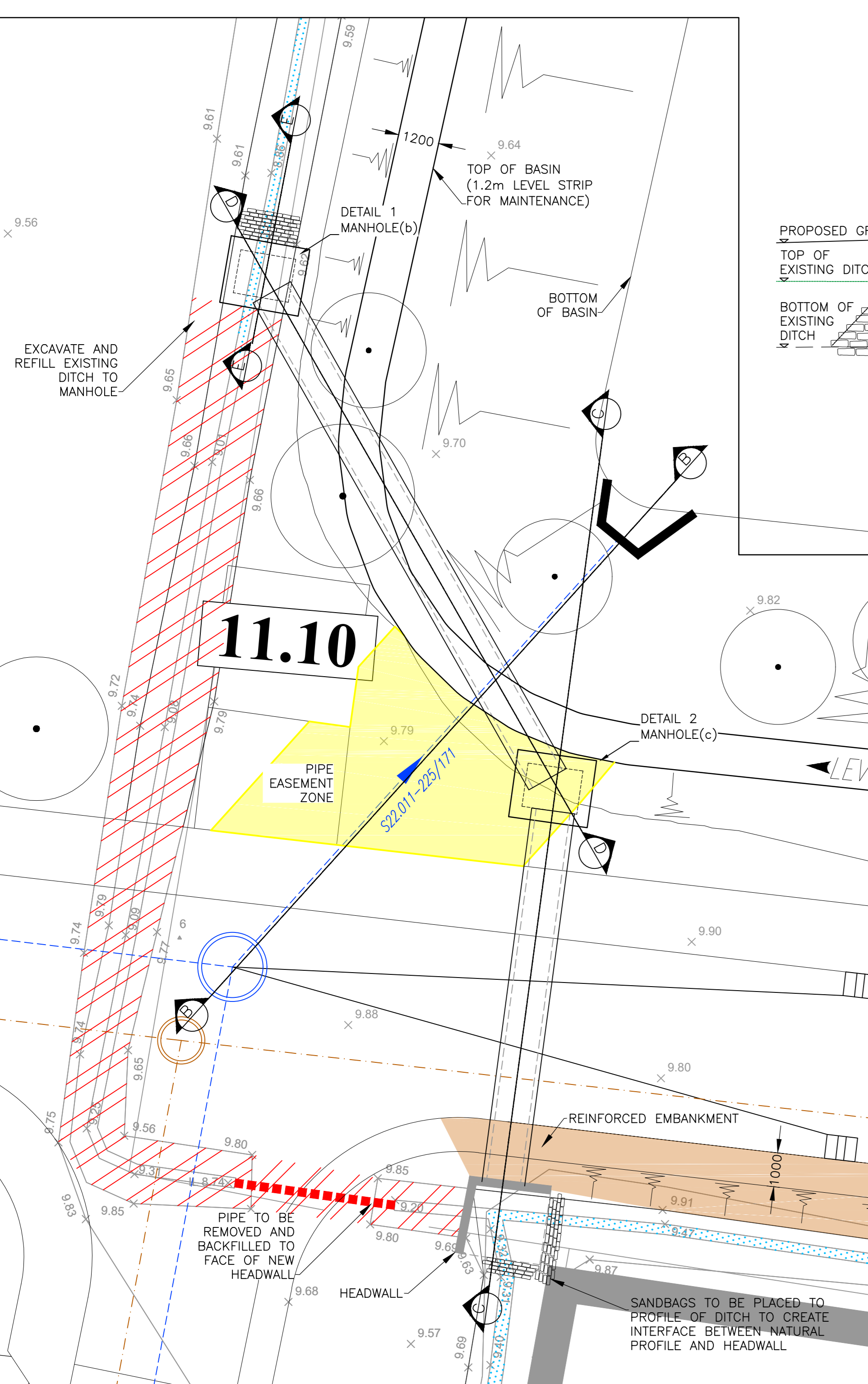


NOTE A
EXISTING SOUTHERN WATER MANHOLE TO BE REMOVED AND REPLACE WITH NEW MANHOLE. OWNERSHIP OF SOUTHERN WATER MANHOLES TO BE TRANSFERRED TO ICOSA WATER.

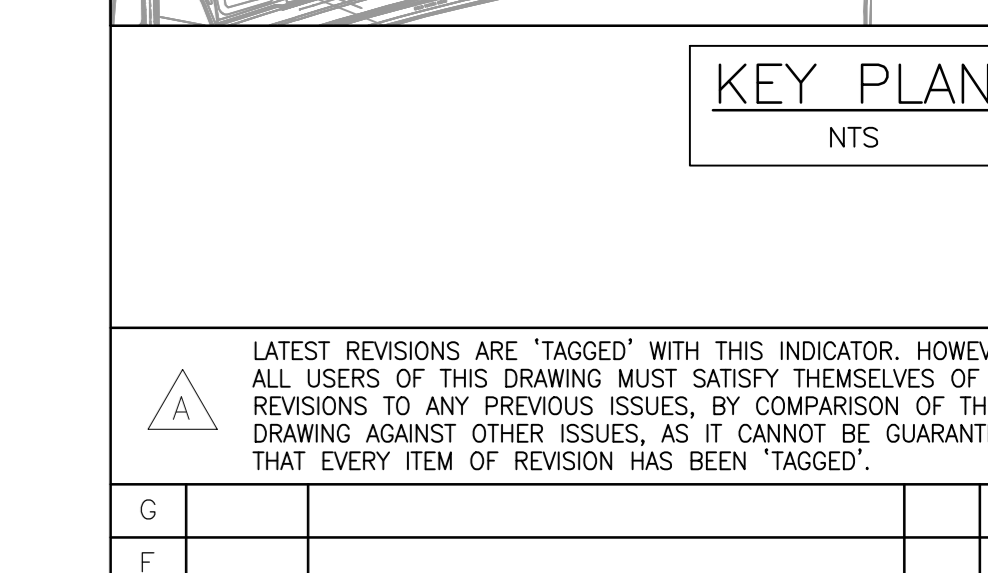
NOTE B
EXISTING SOUTHERN WATER MANHOLE TO BE REMOVED.

- 75mm lean mix concrete bedding grade C7.5 to BS-EN 206-1.
- All concrete products, including concrete and mortars to be produced/mixed using sulphate resisting cement.
- Initial concrete bases to be of grade C20 to BS-EN 206-1.
- Initial concrete bases to be 150mm minimum thickness.
- 150mm layer A393 mesh reinforcement to BS 4483:2005.
- 30mm thick mortar bed to half round channels.
- 215mm thick Class B Engineering brickwork, in English bond with frogs up, inner faces plumb and in true alignment. Courses to be level with flush jointing to inner faces. Bricks to BS-EN 771-1. Alternatively precast concrete masonry units.
- Initial concrete (grade C20 to BS-EN 206-1) to be cast 'up' to form benching.
- A brick relieving arch shall be 'turned over' all pipes where they pass through the chamber walls, or a precast concrete lintel of equal thickness to walls may be built in over pipes.
- Granolithic benching to rise vertically from the edge of the chamber's to a height of not less than 10mm (min) thick mortar and be steel floated to a smooth hard finish. The granolithic concrete shall be 20mm min. thickness and a cement mortar mix of 1:1.
- Stainless steel general purpose ladder type step irons, to BS-EN 13101:2002, to be built into wall of chamber.
- Where subject (or possibly subject) to vehicular traffic (including footways, verges etc.) use heavy duty reinforced precast concrete cover slabs in accordance with BS EN 1916:2002 and bedded on 10mm thick mortar.
- Initial concrete cover slabs to be of grade C20 to BS-EN 206-1, 150mm thick with clear openings to match cover and frame. Reinforcement to be A393 mesh for heavy duty or A193 for light duty. Mesh to BS 4483:2005.
- All manhole covers and frames to be bedded on 10mm (min) thick mortar.
- Manhole covers and frames to be laid to have top surface aligned with both the longitudinal and transverse gradients of surrounding carriageways, footways and verges, at other locations they are to be laid level unless directed otherwise.
- Manhole covers and frames to be as follows, unless directed otherwise:
A - in carriageways, drives footways and verges
Multiple, non-rocking heavy duty type, (1200 x 675mm clear opening).
B - Other locations (e.g. fields etc.)
Multiple, recessed (concrete filled) medium duty type, (1300 x 750mm clear opening).
- Backfill material to be either approved granular material or lean mix concrete grade C7.5 to BS-EN 206-1. (see also note 2).
- 220x140 precast surface concrete lintel.



GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTS, SPECIALISTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT/ENGINEER IMMEDIATELY.
- FOR THE REMOVAL OF EXISTING CULVERTS SEE RLTD DRAWING 2102/01/3010 & 3011.



| Rev | Date | Description | By | Check |
|-----|----------|----------------------------|-----|-------|
| B | 13.08.21 | 2 CULVERTS ADDED (CLOUDED) | DGH | SCO |
| A | 29.07.21 | RISING MAIN INVERT RAISED | JNE | NTU |

OXENDEN PARK, HERNE BAY

PROPOSED CULVERT DETAILS

Client: **BELLWAY HOMES (KENT)**

Dwg No. 2102/01/3050 Scale: 1:500 @ A0 Rev: B