

All Fabricated Structural Steelwork must be CE Marked in accordance with BS EN 1090-1 and BS EN 1090-2

© This drawing is copyright

NOTES

THIS DRAWING TO BE READ IN CONJUNCTION
WITH RELEVANT ARCHITECTS AND ENGINEERS
DRAWINGS & SPECIFICATIONS

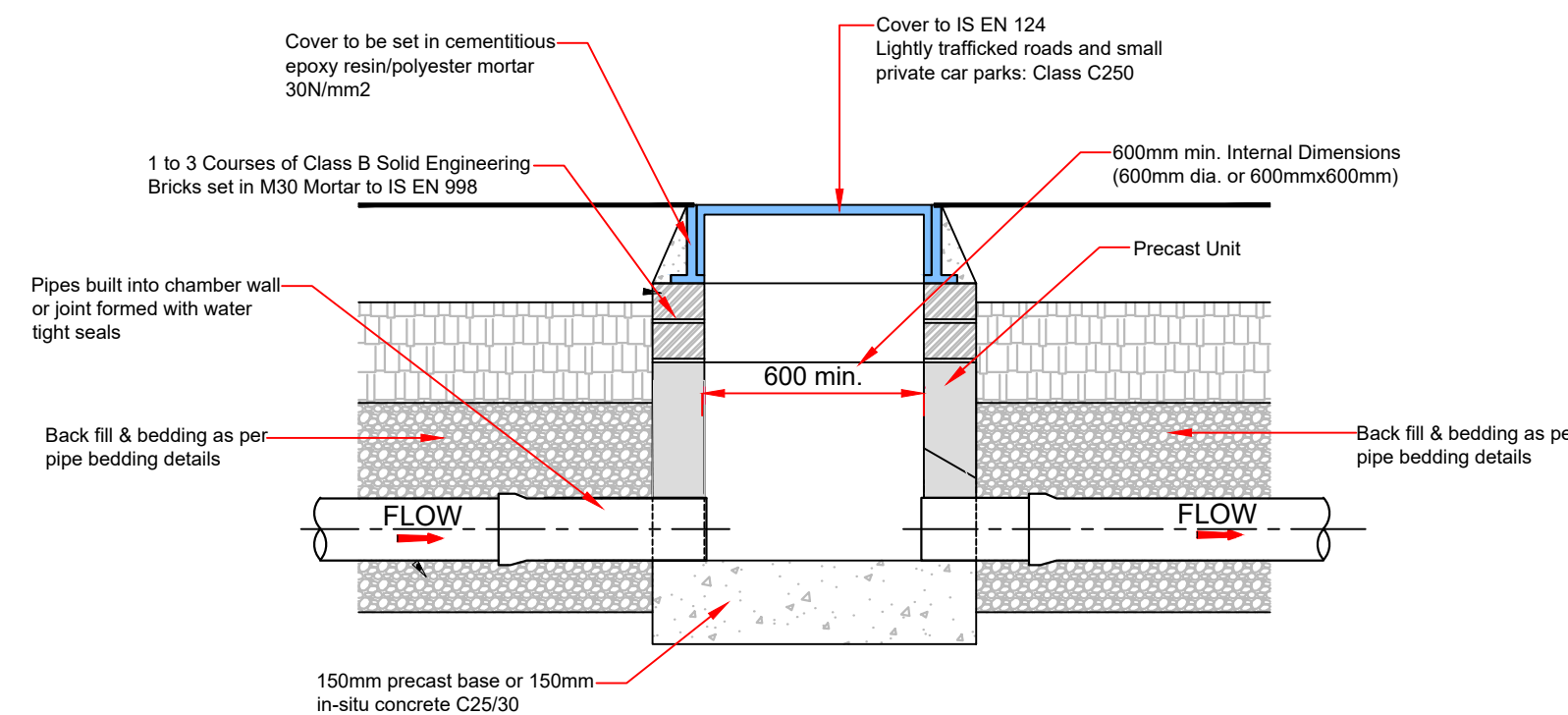
FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE. ENGINEER TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

Concrete Notes:

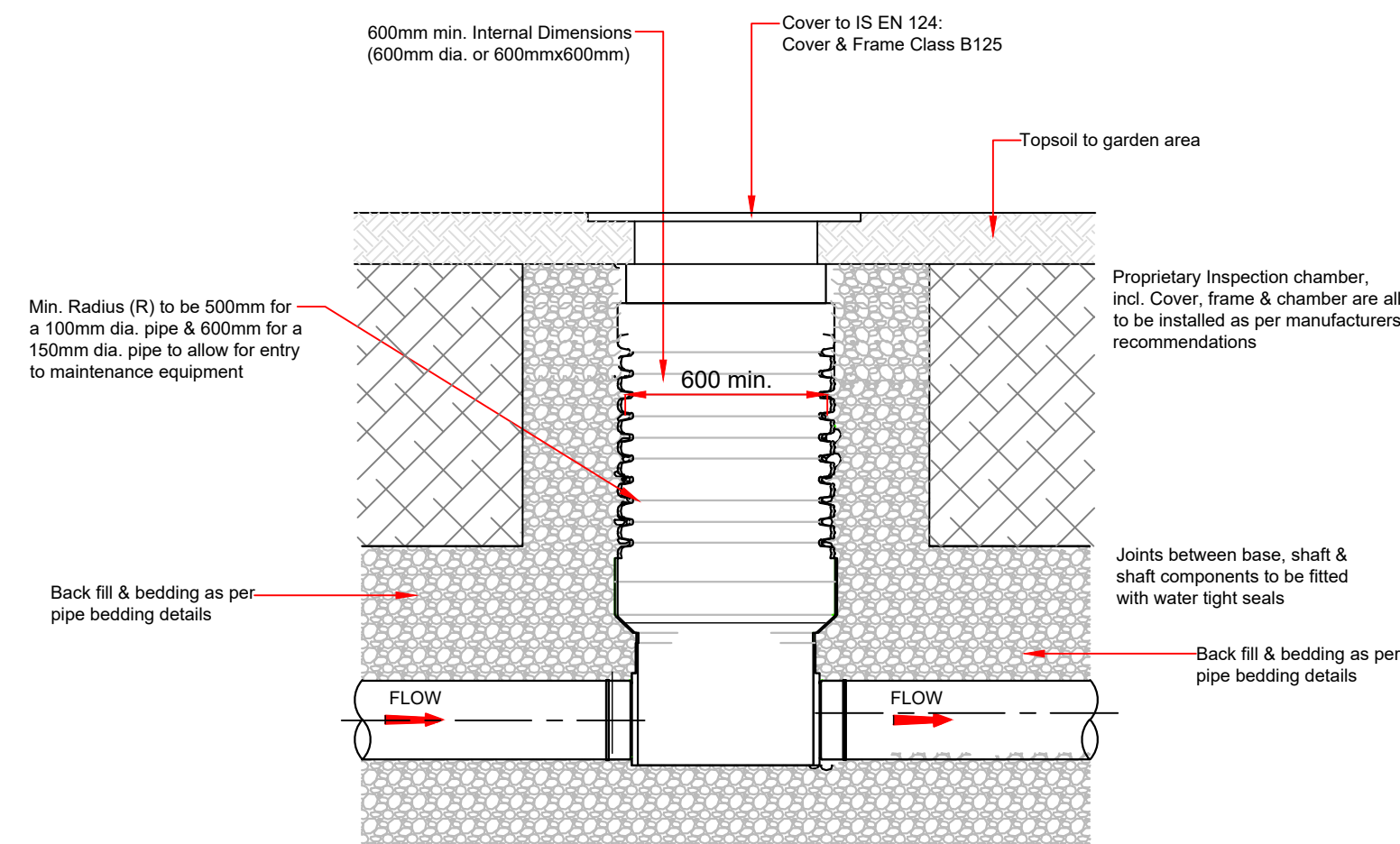
1. Foundation concrete to be Grade C28/35, XS-1 to I.S. EN 206-18 with min. cement content 340kg/m³ and maximum free water: cement ratio 0.50, maximum aggregate size to be 20mm.
 2. Bar Reinforcement is to be High Yield deformed type 2 to BS4449, bent in accordance with BS4466, and held in the position shown using spacer blocks of concrete of equivalent grade to that shown.
 3. Mesh reinforcement is to be in accordance with BS4483, bent in accordance with BS4466. Laps in mesh are to be minimum 400mm in both directions and are to be staggered.
 4. Concrete cover is to be as follows:
Structural Element:

BOTTOM	35mm
TOP	35mm
SIDES	35mm
- Structural Element in contact with ground:
- | | |
|--------|------|
| BOTTOM | 50mm |
| TOP | 50mm |
| SIDES | 50mm |
5. Laps in reinforcement are to be not less than 50 bar diameters.
 6. Laps in mesh reinforcement are to be minimum:
400mm along main direction
400mm along secondary direction
 7. Spacers to Contractor design are to be used to maintain mesh in the position shown.
 8. All Waterstops & Sealants to be installed to manufacturers specifications
 9. Formation Level to be inspection by competent person
 10. All Waterstops & Sealants to be installed to manufacturers specifications and by suitably qualified person.
 11. All reinforcement to be inspected by engineer prior to pouring concrete.
 12. Contractor to check all drawings and schedules prior to fabrication.

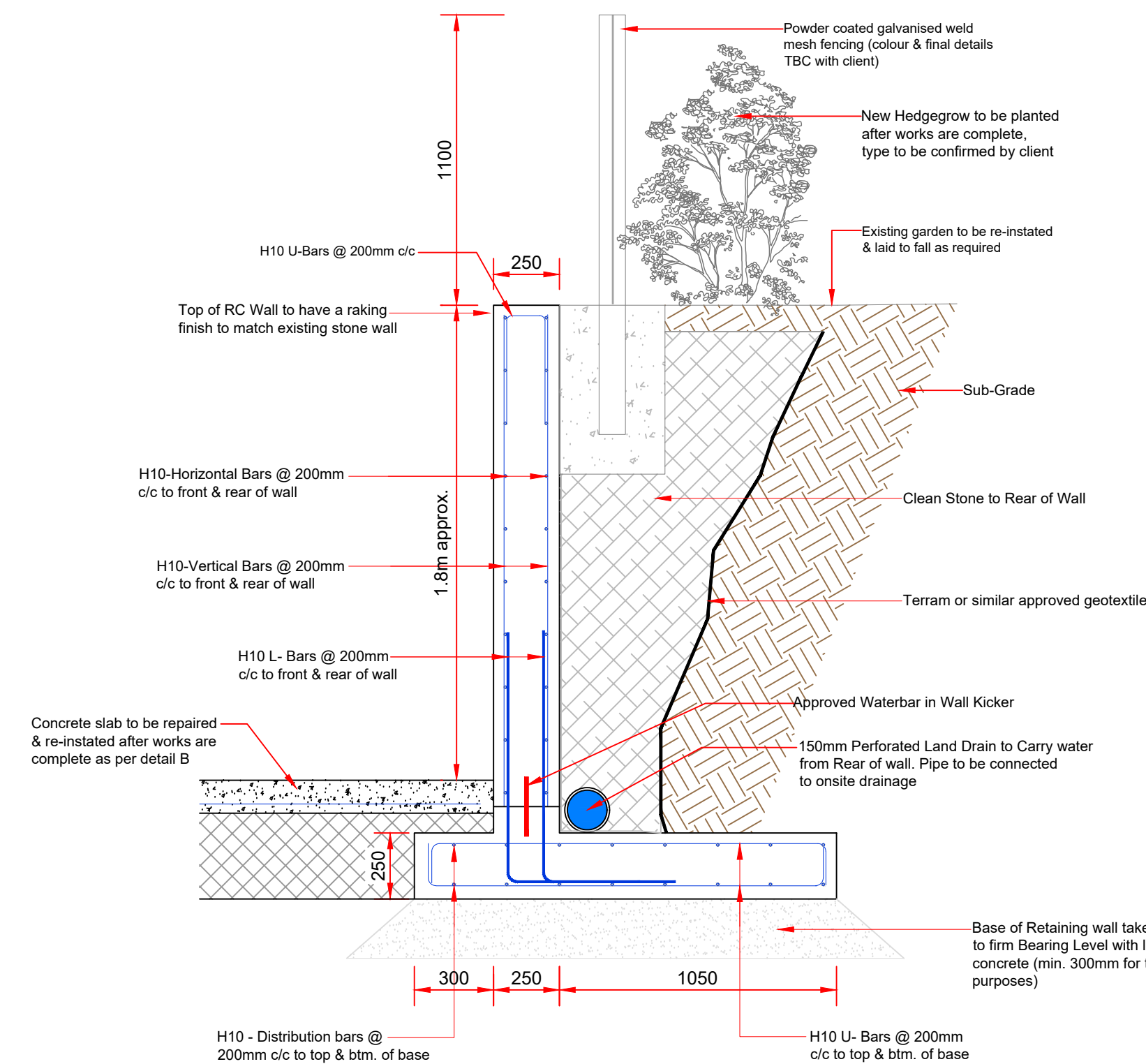
Contractor to allow for road opening license for works across footpath.



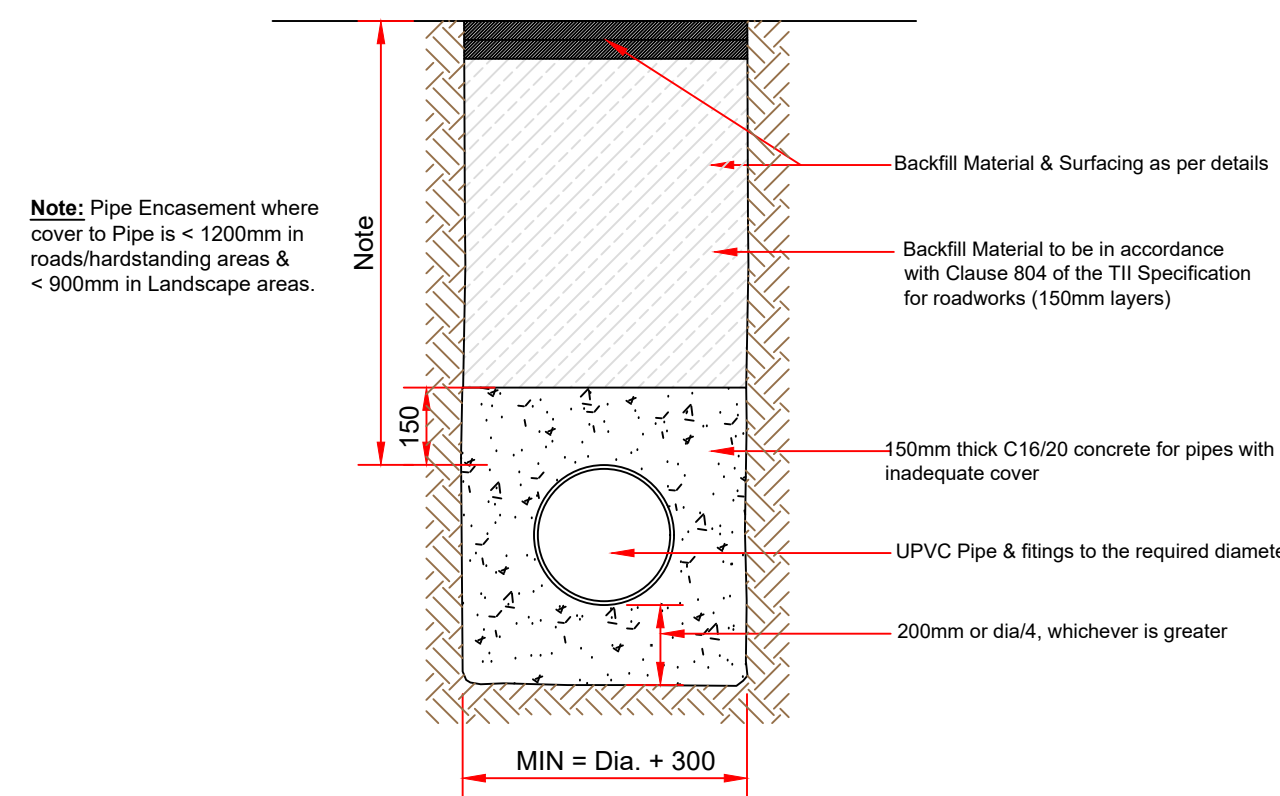
Inspection Chamber (Precast Concrete)
(Scale 1:20)



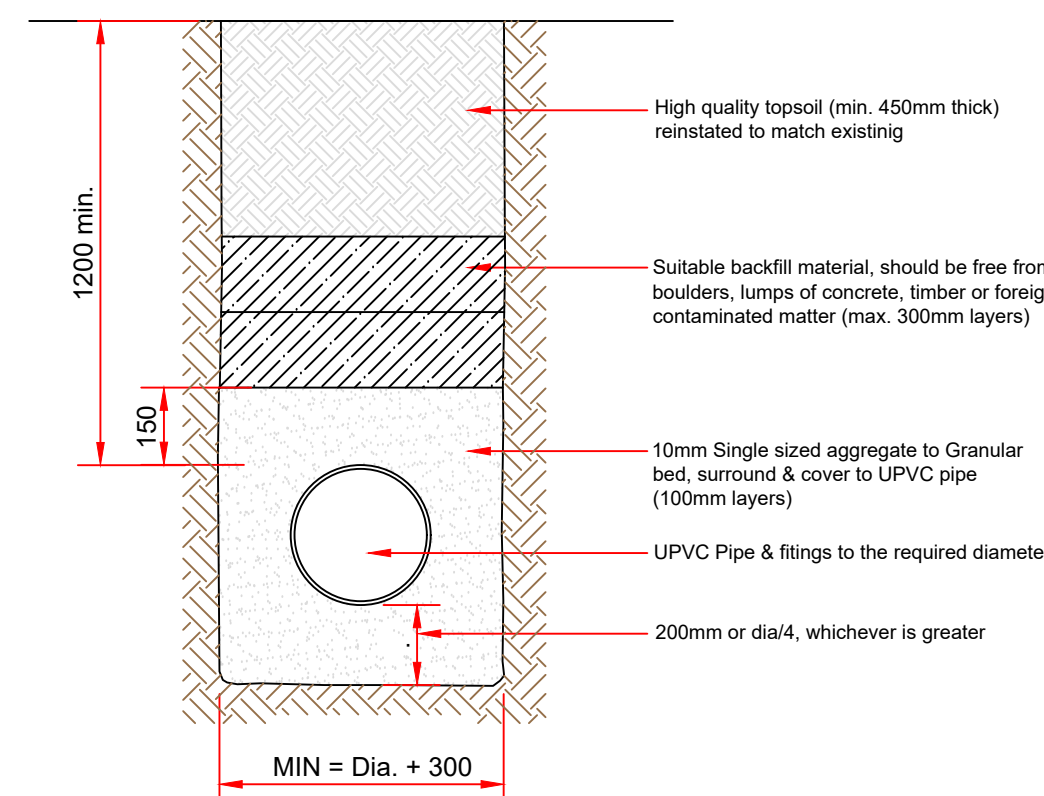
Proprietary Inspection Chamber (to EN13598-2)
(Scale 1:20)



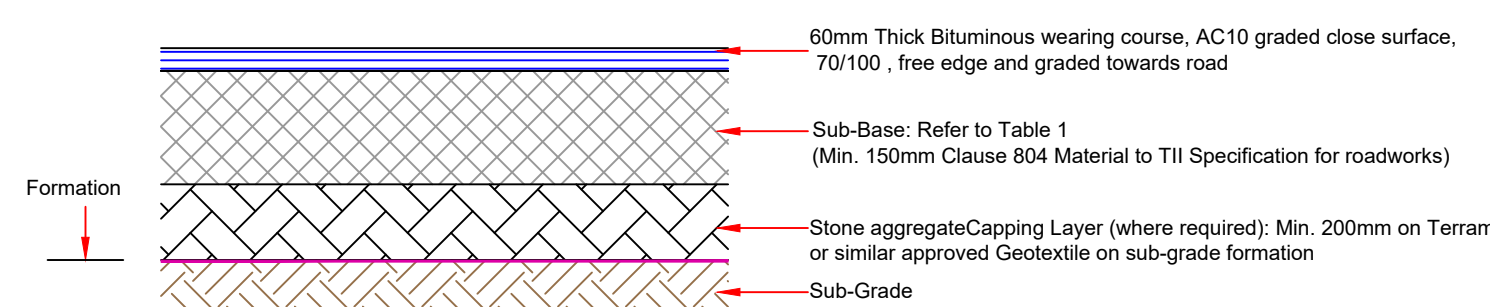
SECTION A-A
SCALE 1:20



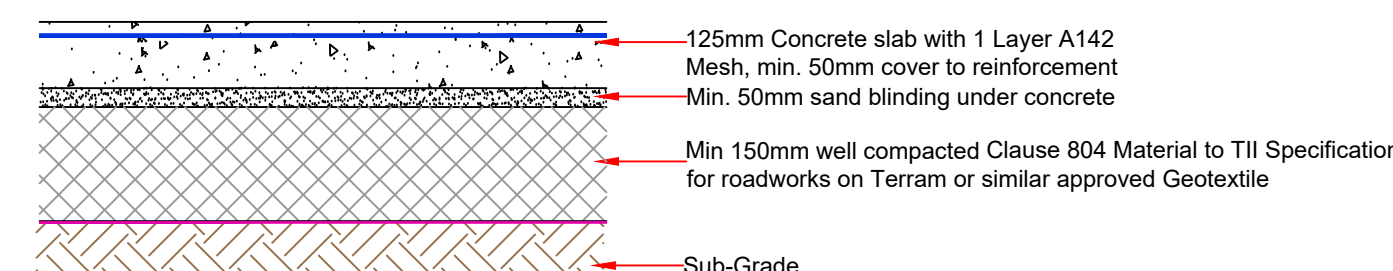
Pipe Bedding - Concrete Encasement Detail
(Scale 1:20)



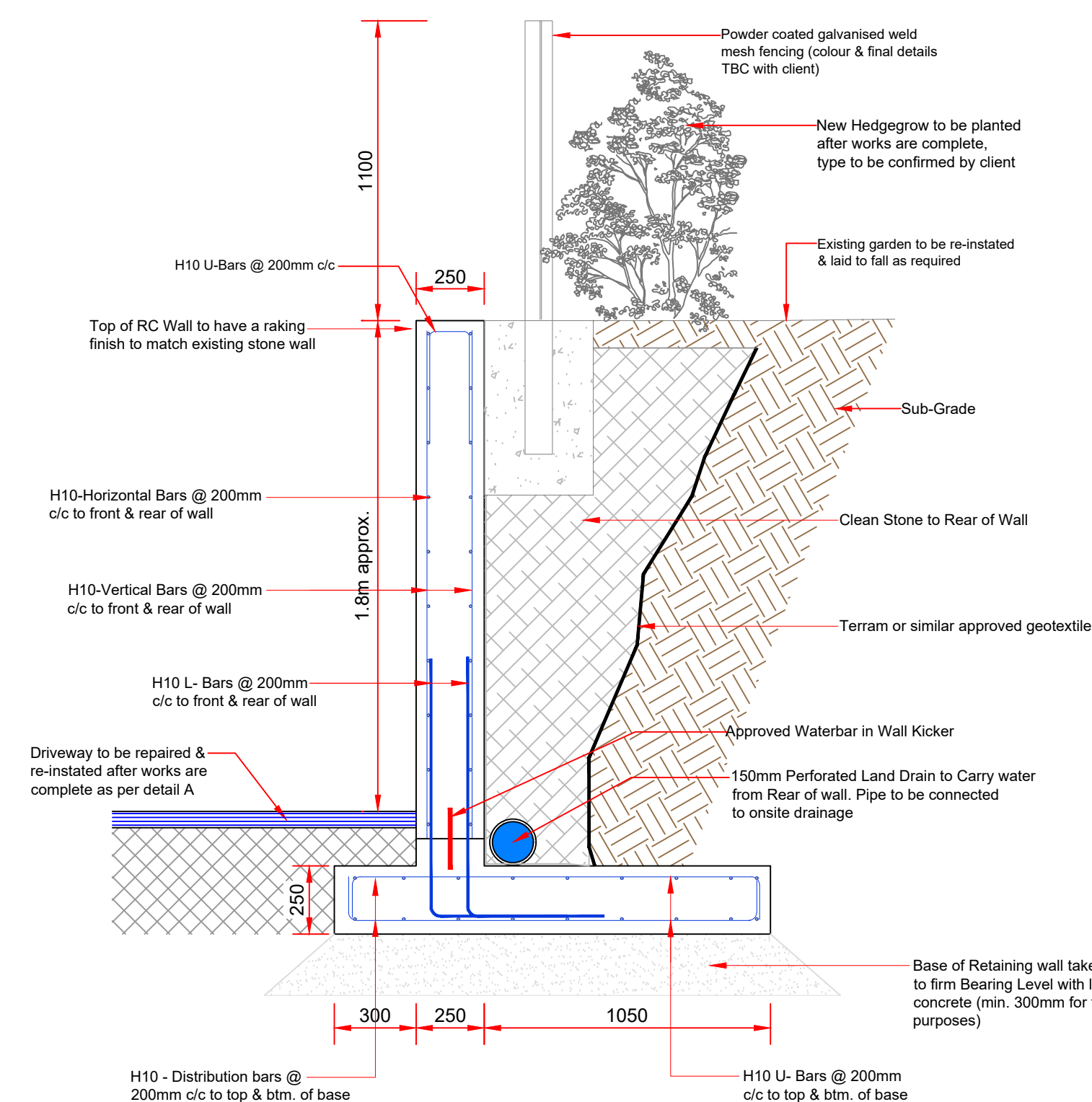
Pipe Bedding Section in Landscape Areas
(Scale 1:20)



Detail A: Typical Detail of Driveway
Scale 1:20



Detail B: Typical Concrete Slab Detail
Scale 1:20



SECTION B-B
SCALE 1:20

Rev.	Amendments	Date	By	Chk



Structural & Civil Engineers

Donegal Rd
Ballybofey
Co. Donegal

Client HEALTH SERVICE EXECUTIVE (HSE)

Project PROPOSED BOUNDARY RETAINING WALL AT
ST JOSEPHS HOSPITAL, STRANORLAR, CO. DONEGAL

Title	SECTIONS & DETAILS
-------	--------------------

<u>Job no</u>	<u>Drawing no</u>	<u>Rev</u>	<u>Issue</u>
1900	1900/T01/002		Tender
<u>Scale</u>	<u>Drawn by</u>	<u>Checked</u>	<u>Date</u>
1:20	C.P.	I.P.	Sept. 2026