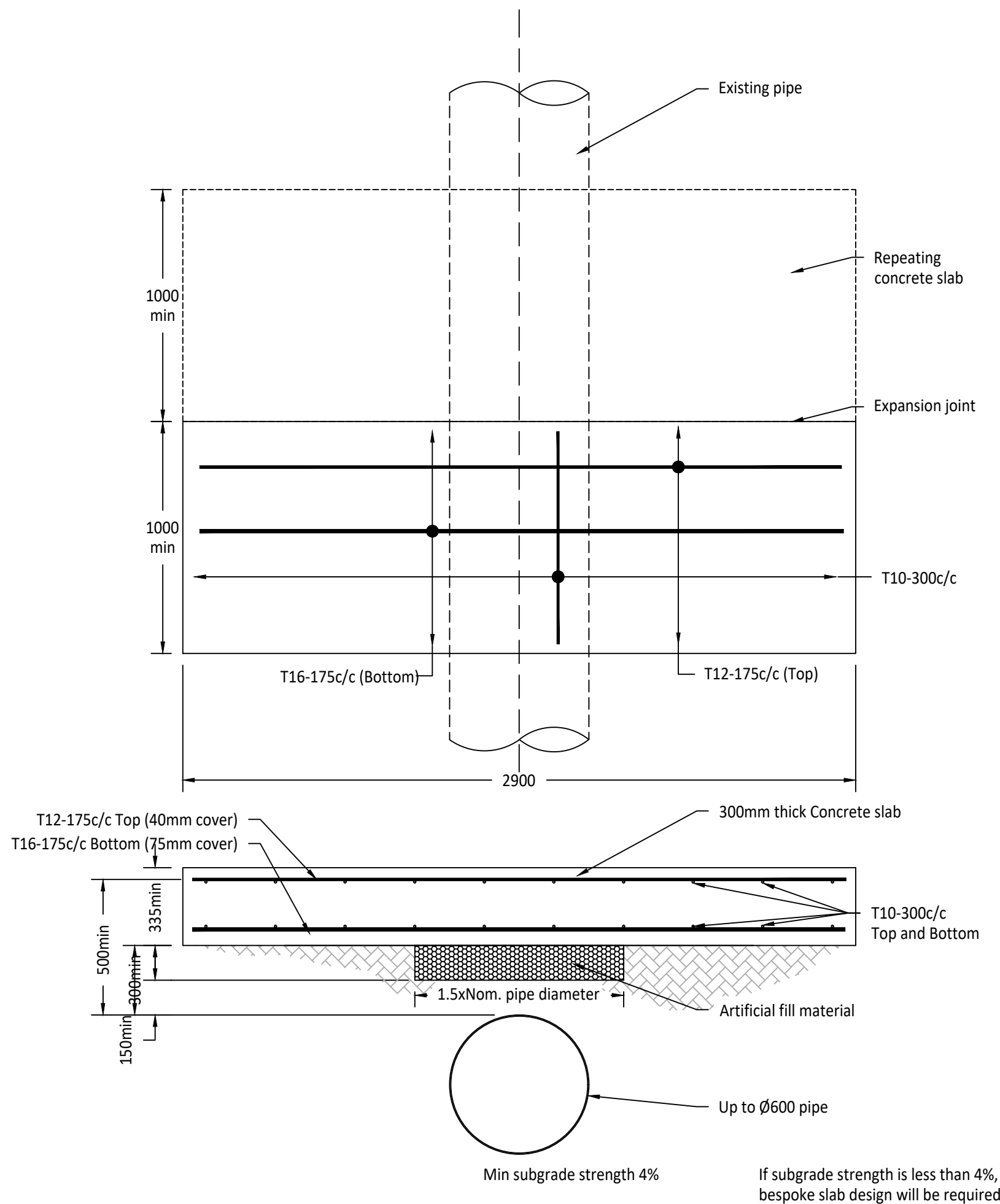
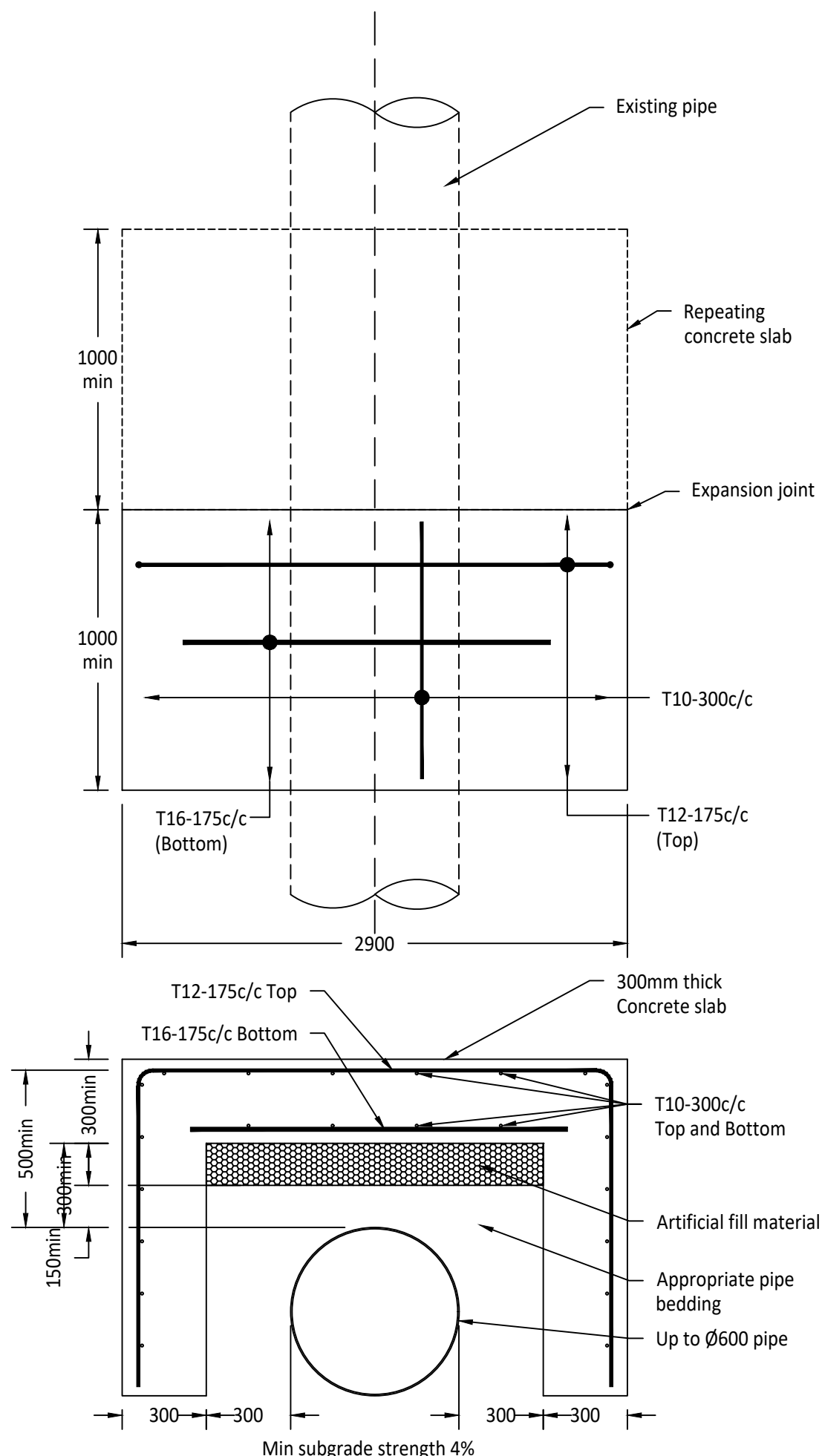
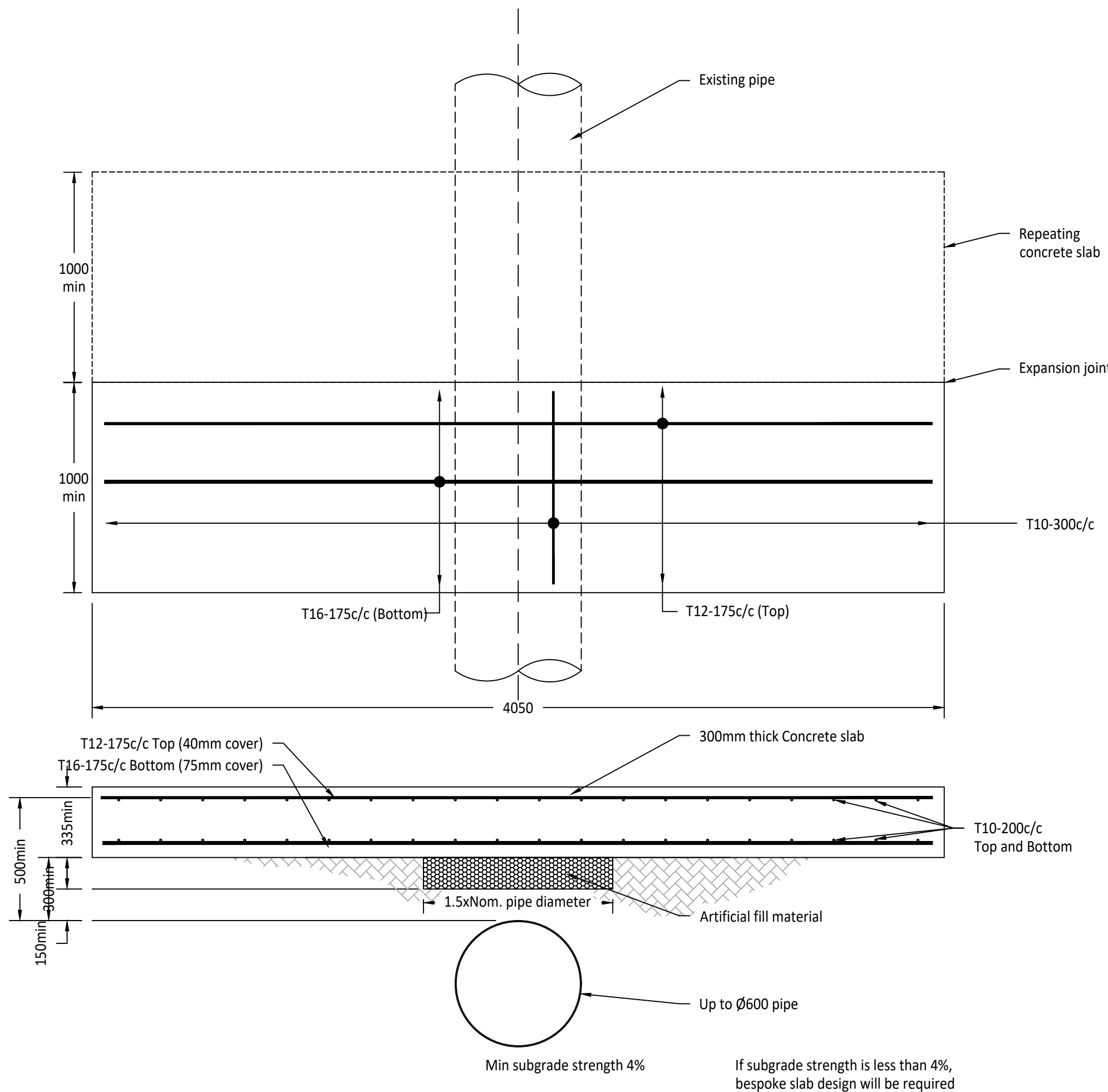




STANDARD FLAT SLAB OPTION FOR LM3



STANDARD SLAB WITH SIDE SUPPORT OPTION FOR LM3



STANDARD FLAT SLAB OPTION FOR LM1, LM2 AND LM3

STRUCTURAL SLAB SOLUTION IN  
ABEYANCE PENDING LOAD ASSESSMENT  
BY SGN / DVV. ALL THE ABOVE OPTIONS  
ARE VALID METHODS OF PROTECTION  
PENDING DECISION BY SGN/DVV

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consent.

- GENERAL NOTES:
1. Do not scale.
  2. This drawing is to be read in conjunction with and checked against all other drawings, Engineering details, Specification and any structural, Geotechnical or other specialist document provided.
  3. Any anomaly or contradiction between any of the above is to be reported to the Engineer.
  3. SGN Specification SGN/SP/CE/12 specifies:
    - i. Soil on which the slab rests must have a CBR of 4% or greater.
    - ii. Where the pipeline protection slab to the standard slab design is installed not more than 1 metre above the pipe, the slabs are acceptable for a slab cover dimension of up to 5 metres.
    - iii. SGN Specification SGN/SP/CE/12 specifies that the artificial fill material shall be expanded polystyrene of Grade 50, complying with BS 3837.
    - iv. Steel reinforcement shall be grade B500B ribbed bars of 500MPa characteristic yield and shall comply with SGN/SP/CE/3.
    - v. Designed concrete mixes shall comply with Table B.1 of SGN/SP/CE/3.

|     |       |             |       |         |
|-----|-------|-------------|-------|---------|
| P1  | 04/24 | First Issue | LC    | SM      |
| Rev | Date  | Description | Drawn | Checked |

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Client

**UNIVERSITY OF READING**

Project

**THAMES VALLEY  
SCIENCE PARK  
PRIMARY INFRASTRUCTURE**

Title

**NHM ACCESS ROAD  
PROTECTION SLAB DETAILS**

Status

|           |          |       |         |
|-----------|----------|-------|---------|
| Scale     | Date     | Drawn | Checked |
| 1:40 @ A1 | MAR 2024 | LC    | SM      |

|             |          |
|-------------|----------|
| Drawing No. | Revision |
| HD065-641   | P1       |