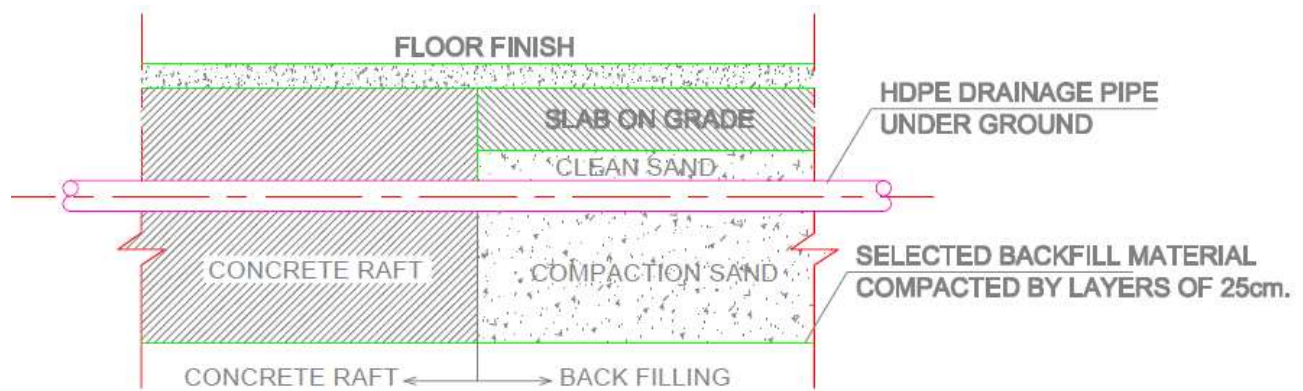
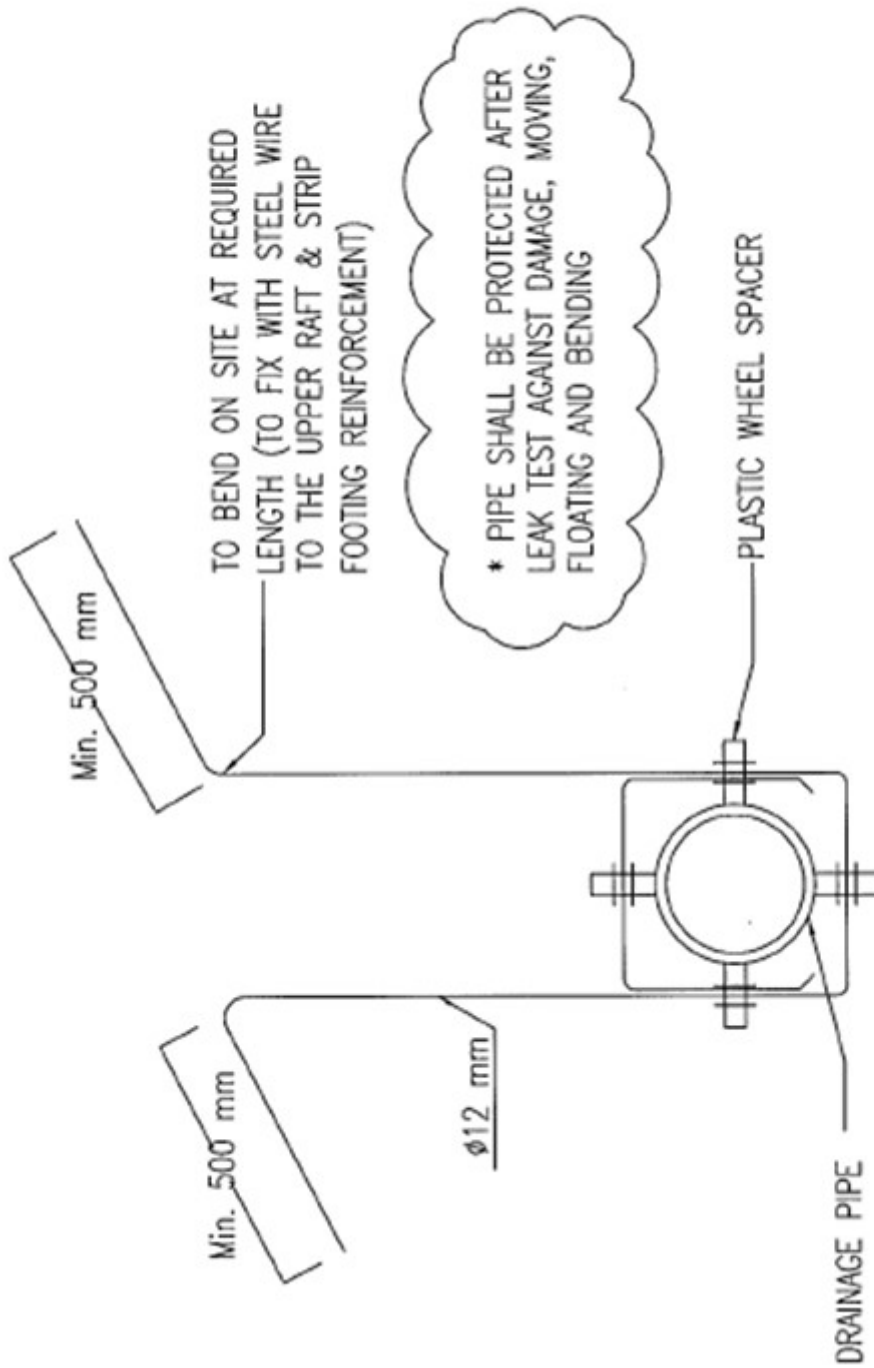


Drainage Pipe in Foundation



NOTES

- 1) Pipes shall be tested for alignment and leak test.
- 2) Pipe shall be rested and installed over compacted sand.
- 3) Pipe supports shall be provided to keep the pipe in its location.
- 4) As per the project specification information available, no special connection piece is required at location of transition between reinforced concrete area and backfilling area.
- 5) Location of joints (welding joints) will be as per site requirements to facilitate and secure the pipe installation. When backfilling area will be completed prior to the reinforced concrete area, a joint will be placed on the side of the concrete area as soon as practically reasonable to allow welding and avoid pipe bending and damage during reinforcement installation. When reinforced concrete area will be completed prior to the backfilling area, joint will be placed on the side of the backfilling area as soon as practically reasonable to allow welding and avoid pipe bending and damage during backfilling operation.
- 6) No joint (welding joint) will be installed at direct location of transition between reinforced concrete and backfilling area (minimum 200 mm away and as needed to allow space for welding equipment).
- 7) Pipe in reinforced concrete will be secured into position using plastic chairs as per the attached detail.
- 8) Beside pipe (for pipe hunching), only clean sand manually compacted will be used (no mechanical compaction with equipment). Above pipe (minimum distance as per pipe manufacturer recommendation), only clean sand self-compacted with water will be used in order to avoid damaging the pipe during compaction.



**TYPICAL DETAIL FOR
FIXATION OF DRAINAGE
PIPE EMBEDDED INTO CONCRETE**

TYPICAL FIXING DETAIL
EVERY 2.0 m MINIMUM