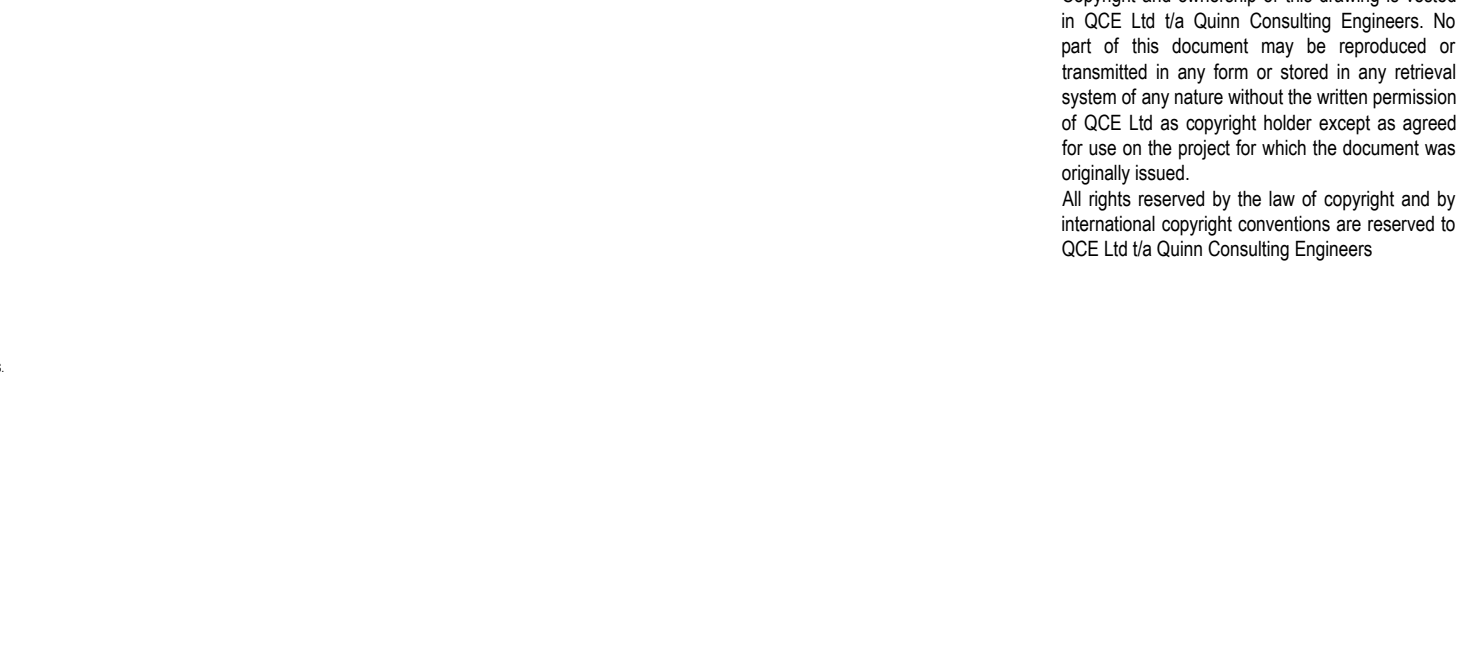




11. POLYETHYLENE PIPES SHALL BE WRAPPED IN PLASTIC SHEETING HAVING A COMPOSITION IN ACCORDANCE WITH BS 6076 BEFORE BEING CAST INTO CONCRETE.

12. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.

**TABLE OF DIMENSIONS FOR STEEPLY  
INCLINED PIPELINES**

| GRADIENT               | SPACING |
|------------------------|---------|
| 1 IN 2 & STEEPER       | 5.5m    |
| BELOW 1 IN 2 TO 1 IN 4 | 11.0m   |
| 1 IN 4 TO 1 IN 5       | 16.6m   |
| 1 IN 5 TO 1 IN 6       | 22.0m   |

**Road Restoration:**  
75mm layer of DBM (dense bitumen macadam)  
using 14mm nominal size chips and category  
resistance to polishing PSV60

Joint sealed

Joint sealed

75mm depth or match existing where  
depth is greater than 75mm

100

600

Bituminous spray to clause 920 of the  
NRA specification for road works.

Grade C 15 Lean Mix Concrete

0.150

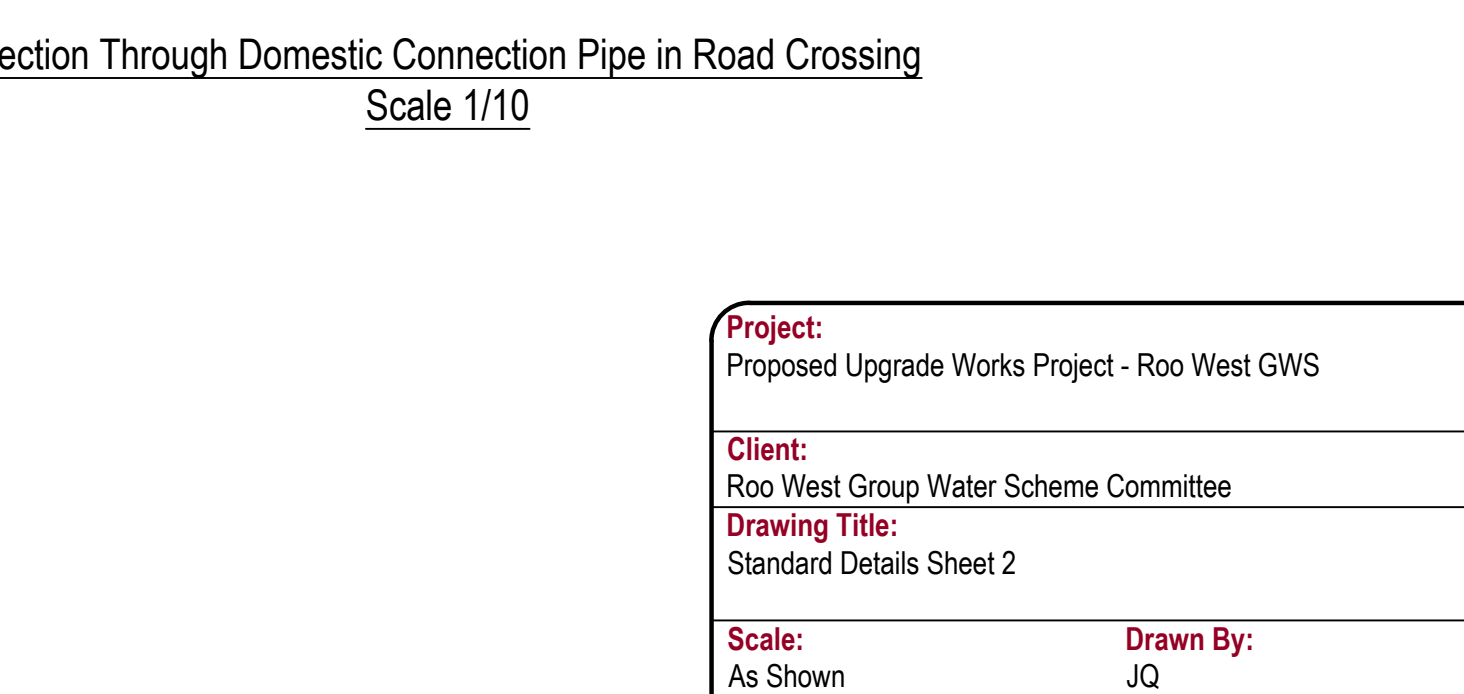
0.050

zied pea gravel lightly  
d laid uniformly along  
accordance with  
1ification.

PE service pipe for domestic  
connection

**Notes:**

- 1) All mains tappings shall be 25mm outside diameter using approved types of saddles and females.
- 2) Minimum cover to service pipes shall be 600mm.
- 3) A boundary box as per drawing no. 12-201-009 shall be fitted on all domestic connections.
- 4) All edges of excavated area to be saw cut prior to excavation.
- 5) 100° celcius hot bitumen under 50 pen or cold rhixotropic bitumen 50-70 pen to be applied to all vertical cuts in accordance with BS 594 prior to application of bituminous materials.
- 6) The contractor shall provide, place and maintain appropriate signage to highlight the road restoration works.
- 7) All reinstatement shall extend to minimum of 100mm beyond the firm edge of the excavation.



Marker Plate Details  
Scale: NTS

|     |             |      |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
| Rev | Description | Date |

**Quinn Consulting Engineers**

Unit 9A Tracklands Business Park,  
Clonroadmore, Ennis, Co. Clare

Phone/Fax 065 6862620. Mobile 0861731073.

E Mail: [info@qcecivil.ie](mailto:info@qcecivil.ie)