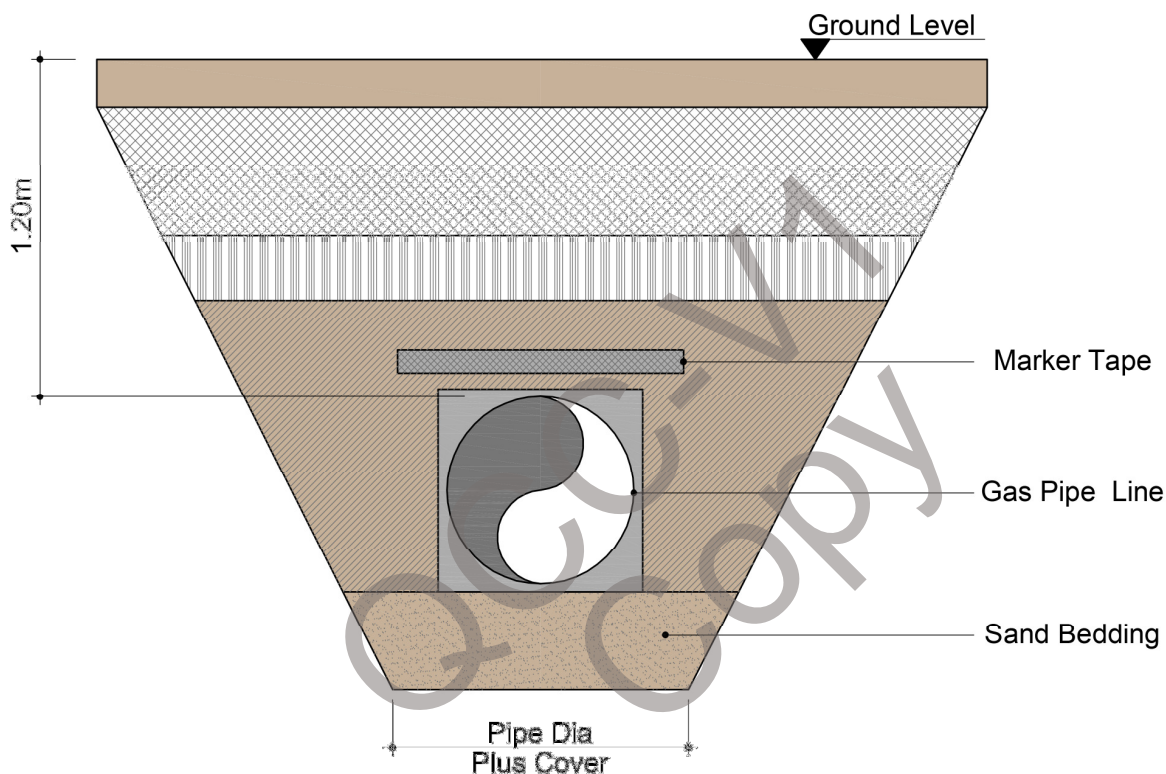


Figure 17: Typical details of a Gas Supply Corridor



For safety reasons:

1. A minimum clearance of 0.25m is to be maintained in any directions between gas mains and any other utility.
2. A minimum clearance of 0.4m is to be maintained in any directions between gas mains and low voltage electrical cables.
3. A minimum clear distance of 2.0m shall be maintained between gas corridors and any electrical/power corridor, other than low voltage electrical cables. The location of any kind of human occupancy should stay away by a distance of 200m from main gas pipeline. However, in case of land constraints coordination with relevant authorities is recommended and guidance on risk mitigation options will be required.

Furthermore, as per DOLPHIN energy standards, the gas supply corridor for any new road crossings shall not obstruct the access to traverse the length of the pipeline corridor dedicated for DOLPHIN services. Therefore, new road crossings shall be through utility bridges with a minimum 2.5m vertical and 3.5m horizontal clearances to enable unobstructed access of patrol vehicles inside the fenced corridor.

The distribution mains should be installed at least 5.0m away from the property line. Any activity within 50 meters from either side of DOLPHIN Energy high pressure gas pipeline shall require a Construction NOC. Any activity within the fenced area or within 5 meters from either side of gas pipelines in unfenced areas shall require a work permit from DOLPHIN Energy.