

I. Water meters, 50mm dia. size shall be installed horizontally inside the meter chambers as shown in standard installatior drawing PEW-STD-AMI-005. These meters shall be installed in concrete waterproof chambers in the same level of

- mainline or raised to ground level as per the site condition to avoid ground water flooding inside the meter chamber.
  - 2. Bulk meter 50mm dia. and greater sizes should not be installed in the basement, pump room, meter room, upper floors

  - 8. Pipes, valves and all other fittings used for meter connection shall be high quality, heavy duty, non-toxic, non-corrosive
  - 9. A Non-Return Valve (NRV) shall be installed after the above valve to restrict reverse flow of water from Customei

  - 13. Proper Concrete Support shall be provided for the Valves, Pipes and fittings inside the meter chamber in order to avoid any displacement of meter and associated fittings. Water Meter and flanges or any other part should not be

  - 21. A Non-Return Valve (NRV) shall be installed outside the meter chamber on customer pipeline to restrict reverse flow

  - and 600mm depth as shown in the drawing No. PEW-STD-AMI-005. These dimensions shall be strictly followed for the

  - underground in sand or concealed in concrete/block walls. In any case, while entering the LV room, the conduit shall be
  - 11. A two way junction box of appropriate material shall be provided at every 25m length and each corner (direction change) of the conduit with metallic pulling spring for cable pulling purpose. In case of underground conduit, a concrete pit of dimension 200X200X150mm shall be provided to accommodate the two way Junction box. The connection of
  - 12. PVC Junction box of dimension 100X100X50mm and IP 66 rating shall be provided inside Meter Chamber and fitted
  - suitable position at a height of 1600mm from finished floor level. The connection between conduit and Junction bo

  - installed either by DEWA staff or Contractors acting on behalf of DEWA. Customers and property developers are responsible for supply and installation of all ancillary fittings and pipe-work after the meter and connecting the supply from the meter to their pipe connections/storage tank in accordance with relevant DEWA specifications and standard



(2" METER WITH LDPE CONNECTION) CAD REFERENCE PREPARED BY: Shafeeque CHECKED BY: A. Bin Sugat SCALE: N.T.S

PEW-STD-AMI-005

DESIGNED BY: Ladu APPROVED BY: Branky DATE: 01.07.2020

Note: All the above requirements should be strictly complied by the Developers /Contractors before submitting application for the new connection.