

11.7 METHODS OF EQUIPMENT TRANSPORTATION TO BASEMENT TRANSFORMER ROOMS

Transportation of Transformer(s) from the main road up to and from the transformer room is Client's responsibility	
Ramp	<ul style="list-style-type: none"> • The ramp should be straight with minimum width of 3.0 m and clear height of 3.0 m from main road up to Transformer room • Slope of the ramp to be maintained 1:10 (10%) (Maximum) and should be straight without sloped curves and speed breakers (bumps).
Slab cut out opening	<ul style="list-style-type: none"> • The cut out size to be (3.0 x 3.0 m) and to be adjacent to the main RTA/Public roadside • The area below the cut out at basement must be designated as loading / unloading bay • The area above the cut out is to be open to sky. If above-floor exists, then the clear height is to be maintained 7m (for the boom of the crane to transport the transformer etc.).

11.8 SUBSTATION CABLE ARRANGEMENT (SUBJECT TO DEWA DESIGN)

- 11.8.1 Cutout at 0.95m depth from outside level (towards road/sikka) should be provided for HV cable entry. Refer Appendix 15
- 11.8.2 Cable route/arrangement from plot limit to the Substation (if setback confirmed in affection plan issued by competent authority) to be through cable trench with removable slab as per section TT Appendix 19 or cable tray at high level basement.
- 11.8.3 Cable route/arrangement from RMU room to transformer room for split/basement substations to be through cable trench with removable slab as per section TT, Appendix 19 or cable tray at high level basement.
- 11.8.4 If cables not passing through traffic area, buried cables or cable ducts along with manholes at both ends can be considered.
- 11.8.5 Cable trench inside substation should have a clear depth of 0.95m from finished floor of substation. Refer Appendix 15
- 11.8.6 For basement/split substation, transformer room cable trench depth of 0.50m from finished floor can be considered.