

C-3. At each designated service location, the service lateral conduit system shall extend through the foundation to the rear of a Service Inlet Box co-located in the common utility service area at the service location. It is the policy of the City to co-locate all service entries into a structure.

C-4. A Service Inlet Box ("service box") shall be placed at the terminus of each service lateral per Standard No. E. The service box shall be designed to be secured to studs on 16" centers. The finish shall be galvanized steel.

C-5. Service box lids shall be permanently marked with the inscription "City of Moreno Valley," or any other inscription that is authorized in writing in advance by the City Engineer. Lids shall have an integral device to secure the lid to the main body of the service box.

C-6. A service trench must be provided from the property line to the riser protection conduit. It may be a joint trench for use by several utilities, or a single trench for telecommunications facilities only. Riser protection conduit may be any standard electrical trade conduit except aluminum or flexible steel. Access to the point of connection to the grounding medium must be permanently concealed in walls that are to be finished on both the exterior and interior surfaces.

SECTION D FIBER OPTIC CABLE SPECIFICATIONS

D-1. Fiber Optic Cable shall be 144 strand single mode fiber Corning brand, or equal, with optical characteristics as specified below.

Fiber Code	E
Fiber Name	Single-mode (OS2)
Fiber Type	Single-mode
Performance Option Code	00
Maximum Attenuation	0.35 dB/km / 0.35 dB/km / 0.25dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Category	G.652.D

NOT TO SCALE



RECOMMENDED: <i>Henry</i> 12/16/21 DIVISION MANAGER DATE
APPROVED: <i>[Signature]</i> 2/4/22 PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER

CITY OF MORENO VALLEY
PUBLIC WORKS DEPARTMENT - CAPITAL PROJECTS DIVISION

**TELECOMMUNICATIONS
TECHNICAL PROVISIONS**

STANDARD PLAN
MVSI-185D-1

SHEET 4 OF 4