TRAFFIC SIGNAL HOUSING

NOTES:
1. A minimum, assembled traffic signal face sections shall meet or exceed applicable requirements of MUTCD and ITE Equipment and Material Standards Chapter 2 Vehicle Traffic Control Signal Heads Section 3.0 Physical and Mechanical Requirements.
2. Sections shall be connected together with 3 carriage bolts (1/4"-20 x 1-1/2" to 2"), two clamping washers and 3 hex nuts arrangement, common to make of ITE compliant signal housings (such as those manufactured by Siemens (Eagle) and McCain). Once fully assembled the traffic signal shall be dust and weather-proof. If the traffic signal includes a plumbizer mount, the length of the carriage bolts needs to be longer.
3. Unless otherwise specified the basic configuration of sections shall always be a red signal face on top, yellow signal face in the middle and green signal face on the bottom. Exceptions are made to this requirement for protective permeable turns and dual indication arrow faces. See TS 8-1, 8-2 and 8-3 for requirements, all signal face modules (ball and arrow) within the assembly shall be from the same manufacturer and model.
4. A removable dust cap or plug shall be provided on both open ends, see TS 9 & 10 Series for details. If and as applicable to the signal mount used. This dust or plug on the bottom section shall not be water proof just weather tight. The top cap or plug shall be sealed in a manner to be waterproof.
5. As a minimum, unless required by the number of signals within the section, one spade type four-position two sided removable terminal block shall be provided per traffic signal face assembly. Additional or larger capacity terminal blocks shall be provided as needed. The common or neutral terminal will require a multiple (3 or more) spade connector. Each terminal block shall be secured to the back inside wall body with two stainless steel screws.
6. All interior screws, fittings, washers, bolts, connectors, terminal blocks shall be stainless steel, plated steel, aluminum or brass that is corrosion resistant.