1. See Standard Plan J-40.10 for Type 1 and Type 2 junction box details. See Standard Plan J-40.30 for Type 8 Junction Box Details.

2. Security collars are classified as “Basic” and “High”. Reinforcing steel, embed plates, and flat bar are not required for “Basic Security Collars”.

3. Junction boxes shall be centered within the concrete collar frame.

4. Concrete shall be Class 3000 or Commercial Concrete in accordance with Standard Specification Section 6-02.3(2).

5. Concrete polymer Type 1 and 2 junction boxes shall have temporary bracing installed inside the junction box prior to placing concrete, to prevent bowing of the sidewalls and to ensure proper lid seating.

6. Reinforcing steel shall meet the requirements of Standard Specification Section 9-07.

7. Embed plate shall be ASTM A36 steel. Anchor studs shall meet the requirements of Standard Specification Section 9-06.15. Embed plate may use two or four anchor studs. Anchor studs may have heads or be “J” studs.

8. Flat bar shall be 2 inch wide by 1/4 inch thick ASTM A36 steel. Two bars are required for Type 8 Junction Boxes.

9. Top of embed plates shall be flush with the top surface of the concrete collar.