GENERAL NOTES:
1. JOB SITE DESCRIPTIONS:
   1.1 All construction and site conditions at the job site prior to the start of construction shall be considered to be as depicted in the base plans.
   1.2 The contractor shall be responsible for the correct interpretation of all site conditions.
   1.3 The contractor shall be submitted a complete set of base plans prior to the start of construction.

2. SEEDING:
   2.1 All seedings shall be in accordance with standard seedings by the manufacturer.
   2.2 All seedings shall be in accordance with the manufacturer’s recommendations.

3. INLET:
   3.1 The contractor shall be responsible for the correct interpretation of the inlet conditions.
   3.2 The contractor shall be responsible for the correct interpretation of the outlet conditions.

4. FOUNDATIONS:
   4.1 All foundations shall be in accordance with the manufacturer’s recommendations.
   4.2 All foundations shall be in accordance with the manufacturer’s recommendations.

5. GENERAL NOTE:
   5.1 All general notes shall be in accordance with the manufacturer’s recommendations.
   5.2 All general notes shall be in accordance with the manufacturer’s recommendations.

6. PLANT QUANTITIES:
   6.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
   6.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

7. GENERAL NOTE:
   7.1 All general notes shall be in accordance with the manufacturer’s recommendations.
   7.2 All general notes shall be in accordance with the manufacturer’s recommendations.

8. PLANT QUANTITIES:
   8.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
   8.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

9. GENERAL NOTE:
   9.1 All general notes shall be in accordance with the manufacturer’s recommendations.
   9.2 All general notes shall be in accordance with the manufacturer’s recommendations.

10. PLANT QUANTITIES:
    10.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    10.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

11. GENERAL NOTE:
    11.1 All general notes shall be in accordance with the manufacturer’s recommendations.
    11.2 All general notes shall be in accordance with the manufacturer’s recommendations.

12. PLANT QUANTITIES:
    12.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    12.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

13. GENERAL NOTE:
    13.1 All general notes shall be in accordance with the manufacturer’s recommendations.
    13.2 All general notes shall be in accordance with the manufacturer’s recommendations.

14. PLANT QUANTITIES:
    14.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    14.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

15. GENERAL NOTE:
    15.1 All general notes shall be in accordance with the manufacturer’s recommendations.
    15.2 All general notes shall be in accordance with the manufacturer’s recommendations.

16. PLANT QUANTITIES:
    16.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    16.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

17. GENERAL NOTE:
    17.1 All general notes shall be in accordance with the manufacturer’s recommendations.
    17.2 All general notes shall be in accordance with the manufacturer’s recommendations.

18. PLANT QUANTITIES:
    18.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    18.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

19. GENERAL NOTE:
    19.1 All general notes shall be in accordance with the manufacturer’s recommendations.
    19.2 All general notes shall be in accordance with the manufacturer’s recommendations.

20. PLANT QUANTITIES:
    20.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    20.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

21. GENERAL NOTE:
    21.1 All general notes shall be in accordance with the manufacturer’s recommendations.
    21.2 All general notes shall be in accordance with the manufacturer’s recommendations.

22. PLANT QUANTITIES:
    22.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    22.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

23. GENERAL NOTE:
    23.1 All general notes shall be in accordance with the manufacturer’s recommendations.
    23.2 All general notes shall be in accordance with the manufacturer’s recommendations.

24. PLANT QUANTITIES:
    24.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    24.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.

25. GENERAL NOTE:
    25.1 All general notes shall be in accordance with the manufacturer’s recommendations.
    25.2 All general notes shall be in accordance with the manufacturer’s recommendations.

26. PLANT QUANTITIES:
    26.1 All plant quantities shall be in accordance with the manufacturer’s recommendations.
    26.2 All plant quantities shall be in accordance with the manufacturer’s recommendations.
### Standard Legend

**Utilities**
- **Electrical Transformer Pad**
- **Elec. Box**
- **Gas Shut-Off**
- **Communications Service**
- **Sewer Vent**
- **Sanitary Force Main Pipe**
- **Telephone Pedestal**
- **Vent Pipe**
- **Yard Hydrant**

**Environmental**
- **Municipal / County Boundary**
- **Stone**
- **Cross Cut**
- **Concrete Monument**
- **Crow's Foot**
- **Point of Vertical Intersection**
- **Point of Vertical Curvature**
- **Point of Curvature**
- **Limit of Milling**

**Grading**
- **Top of Main Catch**
- **Bottom of Main Catch**
- **Conical Building**
- **Conical Berm**
- **Flower Line**
- **Trench for CONSTRUCTION**
- **Drainage Pipe**

**Survey**
- **Baseline**
- **Centerline**
- **Base Elev**
- **Right of Way**
- **Property Boundary**
- **Adjacent Property Boundary**
- **Building Tracts**
- **20' Boundary**
- **Municipal / County Boundary**

**General**
- **Photo Location**
- **Boundary Location**
- **Typical Section Arrow**
- **Switch Line**

**Legend**
- **CUP**
- **PER**
- **MB**
- **L.O.M.**
- **R.R.**
- **PVC**
- **SWK**
- **RAILROAD**
- **POINT OF VERTICAL INTERSECTION**
- **POINT OF VERTICAL CURVATURE**
- **POINT OF CURVATURE**
- **EXISTING CONCRETE**
- **PERF.**
- **MAX.**
- **R**
- **P**
- **E**
- **W**
- **D.I.P.**
- **C.I.P.**
- **APR.**
- **MATCH LINE**
- **RISER PIPE**
- **MAILBOX**
- **TREE**
- **TEL**
- **T.B.A.**
- **STORY**
- **TOP OF CURB**
- **0303T042**
- **THE PRESIDENTIAL CENTER**

**Certification of Authorization**
"24 GA 2800330"
NOTE:

1. IF EXCAVATED MATERIAL IS DEEMED UNACCEPTABLE BY THE BORDENTOWN CITY WATER DEPARTMENT 6-INCH BASE COURSE TO BE INSTALLED AT TIME OF TRENCH RESTORATION. AFTER ADEQUATE SETTLING WITH 2-INCHES OF SURFACE COURSE

NOTE:

2. DEPARTMENT STANDARDS AND/OR AS DIRECTED BY THE ENGINEER

NOTE:

3. A GUIDE RING. THEY SHALL BE AS MANUFACTURED BY BINGHAM AND TAYLOR. ALL VALVES SHALL BE "OPEN LEFT" (COUNTER-CLOCKWISE TO OPEN). VALVE UNLESS OTHERWISE SPECIFIED.

GATE VALVE WITH 2-INCH OPERATING NUT ON

MECH. JOP FITTING (TYPE)

NOTE:

SPECIFICATIONS SHOWN ARE FOR 1" VALVES, THEY SHALL BE AS MANUFACTURED BY BINGHAM AND TAYLOR. ALL VALVES SHALL BE "OPEN LEFT" (COUNTER-CLOCKWISE TO OPEN). VALVE UNLESS OTHERWISE SPECIFIED.

THREADED TIE-ROD TO BE

MECH. JOP FITTING (TYPE)

NOTE:

TIE-RODDED IN ALL CASES

NOTE:

TO THE INVERT OF THE

1. IF EXCAVATED MATERIAL IS DEEMED UNACCEPTABLE BY THE BORDENTOWN CITY WATER DEPARTMENT 6-INCH BASE COURSE TO BE INSTALLED AT TIME OF TRENCH RESTORATION. AFTER ADEQUATE SETTLING WITH 2-INCHES OF SURFACE COURSE

NOTE:

2. DEPARTMENT STANDARDS AND/OR AS DIRECTED BY THE ENGINEER

NOTE:

3. A GUIDE RING. THEY SHALL BE AS MANUFACTURED BY BINGHAM AND TAYLOR. ALL VALVES SHALL BE "OPEN LEFT" (COUNTER-CLOCKWISE TO OPEN). VALVE UNLESS OTHERWISE SPECIFIED.

GATE VALVE WITH 2-INCH OPERATING NUT ON

MECH. JOP FITTING (TYPE)
NOTES:
1. FOR PURPOSES OF LATERAL TEST PRESSURE OR STRESS ALTERNATE DESIGN CHARTS AND SCALES BY A PROFESSIONAL ENGINEER IS REQUIRED FOR SYSTEMS WITH TEST PRESURE > 150 PSI.
2. THRUST BLOCKS TO BE USED FOR WATER MAINS AND FORCE MAIN AT ALL BENDS, JOINTS, AND FLANGES.
3. BEARING AREA AT EACH CONCRETE THRUST BLOCK SHALL BE BASED ON THE LOWER LIMIT WITH REINFORCED CONCRETE Joints for Ductile Iron and Pre-Stressed Concrete, the Joint shall be limited in accordance with the Manufacturer's Specification.
4. ALL CONCRETE THRUST BLOCKS SHALL BE MIXED IN COMPLIANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
5. THRUST BLOCKS SHALL BE POUR FROM FITTINGS SUCH THAT THEY BEAR ON THE UNDISTURBED WALL OF THE TRENCH.
6. MINIMUM SIZE OF CONCRETE THRUST BLOCKS 1'-3" THICK X 2'-3" WIDE X 2'-3" LONG.
7. THRESHOLD FOR TYPICAL SIZES AREAS (90° BENDS) 1'-0" THICK X 2'-3" WIDE X 2'-3" LONG.
8. WASHERS 3/4" X 5/8" FOR 3/4" JOINTS AND 1/2" X 3-1/2" FOR 1" JOINTS.
9. 2-22 1/2° ANGLES WILL BE PROVIDED TO MEET SPECIFICATIONS.
10. TAPING SLEEVE CONNECTED TO TYPICAL SIZES AREAS (90° BENDS) 1'-0" THICK X 2'-3" WIDE X 2'-3" LONG.

THRESHOLD FOR TYPICAL SIZES AREAS (90° BENDS) 1'-0" THICK X 2'-3" WIDE X 2'-3" LONG.

TAPPING SLEEVE & VALVE DETAIL