NOTES:

1. PIPE ELEVATIONS SHOWN ARE APPROXIMATE. FILANC SHALL ROUTE PIPING PER BROWN AND CALDWELL'S FIELD ENGINEER'S INSTRUCTIONS.

2. FILANC SHALL INSTALL PIPE SUPPORTS PER DETAILS D AND E, DWG M-07 AND SPECIFICATION SECTION 15020.
NOTES:

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3. FILANC TO FURNISH TWO (2) IDENTICAL SUBMERSIBLE PUMPS. ONE PUMP SHALL BE INSTALLED IN BIOSTYR BACKWASH TANK T-7, WHILE THE SECOND PUMP WILL BE STORED AT PLWWTP AS A SPARE.

WARNING

0 1/2 V2 I BROWN AND CALDWELL PIPING IS SCHEMATIC ONLY. FILANC SHALL COORDINATE ACTUAL ROUTING AND QUANTITIES IN ACCORDANCE WITH DRAWING M-07 AND BROWN AND CALDWELL'S FIELD ENGINEER.
NOTES:
1. PIPE ELEVATIONS SHOWN ARE APPROXIMATE. FILANC SHALL INSTALL PIPE SUPPORTS PER BROWN AND CALDWELL'S FIELD ENGINEER'S INSTRUCTIONS.
2. FILANC SHALL INSTALL PIPE SUPPORTS PER DETAIL D AND E, DWG M-07 AND SPECIFICATION SECTION 15020.
3. FILANC SHALL PROVIDE 3-INCH TANK OVERFLOW AND TANK DRAIN PER DETAIL 'F', DWG M-07.

DRAWING STATUS

METROPOLITAN WASTEWATER
DEPARTMENT
City of San Diego

WARNING

AT THIS BAR CODE
UNIT MEASURED IF
DRAWING IS NOT TO SCALE.

SCALE

VERTICAL

1'-0" = 1'-0"

HORIZONTAL

1'-0" = 1'-0"

NOTE: PIPING SHOWN IS SCHEMATIC ONLY. FILANC SHALL COORDINATE ACTUAL ROUTING AND QUANTITIES IN ACCORDANCE WITH DRAWING M-05 AND BROWN AND CALDWELL'S FIELD ENGINEER.
1. No brick or porous material shall be used to support foundation steel.

2. All walls retaining earth shall drain to daylight or other drainage.

3. The structural steel shall be used for the design, fabrication and erection of structural steel buildings and structures except as otherwise shown or specified.

4. Materials:
   - Structural Steel Shapes: A36, A572 Gr. 50
   - Structural Steel Plates: A572 Gr. 50
   - Welding Electrodes: E-6013, E-7016
   - Anchor Bolts: A242, A307
   - Typical Site Connection Bolts: A307
   - Miscellaneous Bolts: A325
   - Starter Bars: 8D
   - Reinforcing Steel: Grade 60

5. All structural steel and connections shall be hot-dip galvanized after fabrication. Galvanizing shall conform to ASTM A653 and ASTM A765. Top coatings shall be compatible with paint in conformance with ASTM A765-82. After galvanizing, the following conditions shall be met:
   - Paint shall be applied within 180 days of fabrication.
   - Connections shall be protected with zinc-rich primers.

6. No exposed concrete slab shall have a smooth form finish using B-B Plyform, Class I, EXT - A.P.A. Plywood.

7. Any seismic zone 4, footings cast against earth

8. Formed concrete exposed to earth or weather

9. Beams and girders

10. Walls

11. Column ties

12. Slabs (•II and smaller)

13. All exposed concrete shall have a smooth form finish using B-B Plyform, Class I, EXT - A.P.A. Plywood.

14. All shear walls shall have a minimum compressive strength of 4,000 psi at 28 days.

15. Concrete curing: Typically required for finished structure. Unless otherwise indicated, they do not indicate the method of construction.

16. Satisfactory execution of construction is dependent upon conformance with the intent of these drawings. Owner or contractor shall retain a California licensed civil or structural engineer during construction to observe the construction and state that the structure has been built in conformance with the intent of these drawings. Owner or contractor shall retain a California licensed civil or structural engineer during construction to observe the construction and state that the structure has been built in conformance with the intent of these drawings.

17. Saturation of soils due to rain on or near the site shall not cause construction to be stopped.

18. Sleeve plumbing openings in slabs with non-corrosive sleeve before placing concrete and bend reinforcing around sleeves.

19. All exposed concrete shall be provided with the following concrete:
   - Minimum curing compound for at least 7 days.
   - Steel conduit, typically required for 7 days. Refer to specification section 015 for details.

20. Concrete, curing shall not be placed in steel members unless specifically detailed.

21. All dimensions shall be taken from the building official.

22. Notes and details on the drawings shall take precedence over general notes and typical details.

23. Design drawings and specifications represent the finished structure unless otherwise indicated. They do not indicate the method of construction.

24. Construction materials shall be spread out if placed floors or roof, load shall not exceed load line. Leave for particular level, warn of all materials or equipment may exceed design live load. Structural, systems shall be clean.

25. Where no construction details are shown or noted for any part of the work, the details shall be to the same as for similar work, unless otherwise specified.

26. All plants in close proximity to the structure shall have adequate drainage of surface water to prevent saturation of soil under foundation.