### GENERAL NOTES

1. **Numbers in circles (e.g., 1.):** Items under which payment will be made.
2. **Numbers and letters in brackets, such as [3] or [A-3]:** Identify structures for contract administration purposes.
3. **Elisions shown in brackets, such as (a):** Indicate structures for contract administration purposes.
4. **Stations shown on the plans are along center line of conduit or on a line normal to center line of conduit.**
5. **Stations and elevations of pipe (e.g., 328.5) shown on the profiles:** Are at the inside face of the conduit, unless otherwise shown.
6. **Pipe connections to storm drain in:** Conform to SPPWC Standard Plan 302-1 (or 334-1 unless otherwise shown).
7. **All pipe in open trench:** Shall be boxed according to LACDPW Standard Plan 2128-6, Class 1 except bell and spigot pipe which shall be bell. If bell is not required, unless otherwise shown, all values shall be as specified on LACDPW Standard Plan 2128-6 unless otherwise modified. Proper pipe of additional strength shall be provided. The proposed modification shall be approved by the TFD Department.
8. **Concrete backfill shall be provided around pipe 21 inches in diameter or less where the cover is equal to or less than 2 ft. Around pipe greater than 21 inches in diameter but less than 30 inches where the cover is less than 1 ft. and for pipe 30 inches or greater where the cover is less than 1 ft. the concrete backfill shall be as specified on LACDPW Standard Plan 3-10, note 7.
9. **Locations of catch basin connections with catch basins shown on the drawings are schematic:** It is intended that both directions be located at the downstream end of the catch basin, unless specifically indicated. In all cases, the exact locations will be determined in the field by the engineer to meet field conditions.
10. **Local change in grade:** Shall be constructed, where applicable, per SPPWC Standard Plan 3-1.
11. **For local depressions,** SPPWC Standard Plan 313-1, shall be used. $H$ shall equal 4 inches for Cases A, B, C, and D, unless otherwise noted on the project drawings.
12. **Curb face shall be 8 inches at the ends of local depressions where there is no existing curb.**
13. **For catch basin without local depressions, curb face shall be that of adjacent curb unless otherwise noted.**
14. **Locations shown on the plans for existing sanitary sewer house connections are approximate only.**
15. **Sanitary sewer house connections:** Shall be supported in accordance with SPPWC Standard Plan 3090-1. (For locations shown on the drawings, supports of Types 11-23 can be used. The saddles shall be spaced 36 inches apart. The saddles shall be spaced 24 inches apart. The saddles shall be spaced 12 inches apart.)
16. **Sanitary sewers and house connections:** Shall be constructed over the storm drain trench shall be supported in accordance with SPPWC Standard Plan 3090-1. (For locations shown on the drawings, supports of Types 11-23 can be used. The saddles shall be spaced 36 inches apart. The saddles shall be spaced 24 inches apart. The saddles shall be spaced 12 inches apart.)
17. **Where indicated on the plans:** Sanitary sewers and house connections shall be protected in accordance with LACDPW Standard Plan 322-1.
18. **All existing utilities shall be maintained in place by the contractor, unless otherwise noted, and all utilities crossing the trench shall be supported to the satisfaction of the owner.**
19. **The contractor shall make exploratory excavations to determine the depth and location of existing utilities where indicated on the plans.**
20. **All utilities designated by the owner shall be abandoned in place and the owner will install a new section of the affected utility at a location in close proximity to, but which does not physically interfere with, the proposed storm drain conduit and appurtenant structures.**
21. **Where the utilities are indicated on the plans to be supported, said supports shall be in accordance with SPPWC Standard Plan 324-1 (unless otherwise indicated).**
22. **All existing utilities, curb, utilities, storm drain, appurtenant, and other existing improvements shall be reconstructed:** They shall be constructed at the same elevation and location as the existing improvements, unless otherwise noted.
23. **Existing trees shall be removed only if so designated. Those trees not interfering with construction shall be protected in place.**
24. **Right of way lines shown:** Shall be placed by the owner as the right of way line.
25. **The work shown on these drawings requires the prime contractor to have a valid class a or 24 license issued by the state of California.**
26. **All field book references:** Are to Los Angeles County Department of Public Works field books, unless otherwise noted.

### INDEX TO STANDARD PLANS

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### TYPICAL CONNECTOR PIPE PROFILE

**NOT TO SCALE**

1. **The change in grade of the connector pipe may occur either over or under an existing utility.** The particular utility at which the change is to occur shall be indicated on the project plans and at locations where utility crossings and manholes. The connector pipe grade shall break under the utility.
2. **On those connector pipes where change in grade is not indicated, it is assumed that the connector pipe can be laid on a straight grade from the catch basin to the storm drain without interference with utilities.**
3. **The contractor shall make exploratory excavations to determine the exact location and depth of utilities, except sanitary sewer, which has marked.** After the exact location of the connectors has been determined, the designer or the engineer shall be notified as to clear the utility.
4. **For pipe sections, see connector pipe and a change of grade occurring in left-of-right, or differs in diameter from that of existing pipe, use concrete collar per standard plan No. 3.**