

2-2.12 Sanitary Sewer Plans, Profiles, Details, and Quantities

General

Where extensive or complex sanitary sewer work is to be performed as contract work and there is not sufficient space to allow the sanitary sewer work to be shown on the project plan layouts, separate sanitary sewer plans, profiles, details, and quantity sheets should be used. Sanitary sewer work is typically performed by a subcontractor, therefore the work shown on these plans, profiles, details, and quantity sheets should only be related to sanitary sewer work.

Sanitary Sewer Plans

Sanitary sewer plans should be prepared the same way drainage plans are prepared (see Section 2-2.10 of this manual).

The base mapping for the project is typically used as the background (dropped out) for these plans. Existing and new sanitary sewer facilities shall be shown using the Caltrans line styles shown Standard Plan A10C. See Section 2.4 of the CADD Users Manual for further details. If work is to be performed on existing facilities, indicate what work is to be performed, such as "Remove," "Relocate," or "Abandon". The proposed sanitary sewer work shall be shown as solid lines. The words "Construct," "Place," etc., for new construction should not be used.

Clearly define sanitary sewer work as that to be done by the project contractor and that to be done by others.

The first sheet of the sanitary sewer plans should contain notes, legends, symbols, and a list of abbreviations. Do not include standard plan abbreviations or acronyms as part of the listed abbreviations. The legend should also define the owner of the sanitary sewer.

Each sheet of the sanitary sewer plans shall have the following note included on them: "APPROVED FOR SANITARY SEWER WORK ONLY."

Sanitary Sewer Profiles

Where new sanitary sewer lines are to be constructed as contract items, profiles along such lines shall be included in the plans.

Sanitary sewer profiles should be prepared the same way drainage profiles are prepared (see Section 2-2.10 of this manual).

Sanitary Sewer Details

Drawings on the sanitary sewer detail sheets are not drawn to a specific scale. Drawings are drawn at a one to one proportion, but then enlarged to fit the border sheet. Each sheet is to be labeled "No Scale." Sufficient dimensioning shall be shown on the details so that the facilities are buildable and the quantities are calculable.

Standard drawings of other agencies, when applicable to the project, shall be included on the detail sheets. Referencing to a standard drawing number from another agency is not acceptable.

Do not add sanitary sewer details or the sanitary sewer quantity list to the sanitary sewer plan (layout) sheet where such addition would produce sheets that are cluttered, unreadable, or confusing.

Sanitary Sewer Quantities

The summary of sanitary sewer quantities should be prepared the same way the summary of drainage quantities are prepared (see Section 2-2.10 of this manual).