

APPENDIX C

SANITARY SEWER CONSTRUCTION PLAN CHECK SHEET

WEST VALLEY SANITATION DISTRICT
OF SANTA CLARA COUNTY

SANITARY SEWER CONSTRUCTION PLAN CHECK SHEET

(LOCATION) _____
(SLM _____)

PROJECT DESIGNATION: _____

DESIGN ENGINEER _____ ADDRESS/PHONE NO. _____

OWNER-DEVELOPER _____ ADDRESS/PHONE NO. _____

FIRST CHECK: Signature of Checker: _____ DATE _____

SECOND CHECK: Signature of Checker: _____ DATE _____

PLANS APPROVED: By: _____ DATE _____

- NOTE: 1. Checker to place a "✓" if the item checked is satisfactory or an "X" if unsatisfactory.
2. If an item is unsatisfactory, the revision to be made shall be shown in red pencil on the plans to be returned to the designer.
3. At the time of the second check, the checker shall place a "✓" next to the unsatisfactory "X" placed at the time of the first check, if the item has been correctly revised.

CHECK ITEMS

PLAN

1. _____ Main and trunk sewers located, where practical, 5.0 feet off centerline of streets.
2. _____ Adequate manhole and flushing inlet designation and spacing.
3. _____ Main and trunk sewers correctly stationed.
4. _____ Main and trunk sewers interconnected where practical.
5. _____ Manholes & flushing inlets located away from surface water flows.
6. _____ Main, trunk and lateral sewers do not conflict with other surface and underground facilities.
7. _____ Location of laterals shown on plan or designated by note.
8. _____ Wyes to be installed in main or trunk sewers for adjacent building sites not included in project.
9. _____ Easements designated.
10. _____ Tract map on file or accompanying sewer (improvement) plans.
11. _____ Engineer provided X and Y coordinates of new manholes & vertical risers.

PROFILE

1. _____ Elevations based on U.S.C. & G.S. datum.
2. _____ Invert elevations of existing manholes agree with District records.
3. _____ Main and trunk sewers deep enough to serve building sites.
4. _____ Lateral sewers deep enough to serve building sites.
5. _____ Minimum depth for trunk, main & lateral sewers maintained.
6. _____ Minimum slopes for scouring velocities maintained, or deviations justified.
7. _____ Distance and slope between manholes shown correctly.
8. _____ Invert elevations of manholes and flushing inlets shown correctly as follows:
 - A. Intersecting main or trunk sewers set crown to crown.
 - B. Intersecting main or trunk sewers at angles greater than 45 have 0.10 foot drop across manhole.
 - C. Intersecting main or trunk sewers at angles less than 45 laid invert to invert at manhole, except as noted in "A" above.
9. _____ Elevation of main, trunk or lateral sewers does not conflict with other underground facilities.
10. _____ Elevation of manhole rims shown.

MATERIALS

1. _____ Types of materials to be used specified.
2. _____ Specials such as encasement, jacketing, etc., noted.
3. _____ Types of materials and construction sufficient to withstand crushing strength of backfill or other loading conditions.
4. _____ Materials specified comply with Standard Specifications.
5. _____ Bolt-down type manhole covers specified where necessary.
6. _____ Construct riser (F.I.) with elbow or wye and 1/8 bend.

COMPLIANCE WITH MASTER PLAN

1. _____ Trunk sewers and main sewers sufficient size to serve potential tributary area.
2. _____ Depth of trunk and main sewers sufficient to serve potential tributary area.

NOTES

1. _____ District Standard Specifications reference.
2. _____ Inspection of construction designation.
3. _____ Location of lateral sewers established by note, if not shown on plan.
4. _____ Standard District sign installation at creek crossings designated.
5. _____ Uncover existing sewers and verify invert elevation before laying pipe.
6. _____ M.H. rim elevations above natural ground in easement.
7. _____ Tree locations.

9. _____ Back Flow Notes:
Engineering analysis made in office for back flow protection devices, copy job file, Inspector and Installer.
10. _____ Sewer Taps.
11. _____ Posts at M.H.'s or F.I.'s in easements.
12. _____ 2 working days notice before start of construction.
13. _____ Cut sheets at least one working day before start of construction.
14. _____ Pipe bedding.

DISTRICT PROCEDURES

1. _____ Cost estimate and fee computations completed.
2. _____ Reimbursement procedure set up when applicable. _____ send cost sheets with agreement and request information.
3. _____ Easement negotiations necessary. _____ number.
4. _____ State Encroachment Permit
- 5a. _____ Flood Control Encroachment Permit.
- 5b. _____ Fish and Game Permit (see letter in Calif. Dept. Fish & Game file).
6. _____ Site grading plan for backflow device requirements.
- * 7. _____ Check application of connection fee rate set forth in Ordinance 12.
8. _____ Check sewers in easement for conflict with power lines.
9. _____ Field inspection of area.
10. _____ Plans to Maintenance Department for review.
11. _____ Bond executed.
12. _____ Transfer of Title executed.
13. _____ "Public Sewer System Construction Permit (For B 24b) given to Developer (or Representative) with Clearance Letter".
14. _____ For "in house designs", reviewed by Inspector.
15. _____ Lay out of system number manholes and vertical risers.
Copies to file, Inspector and Cosmo Tech.

EASEMENTS

If sewers are constructed with easements, then check the following:

1. _____ Check with maintenance to determine if routes other than those over the sewer is required.
2. _____ If routes other than over the sewer are required, then include the deduction of that route either on the tract map or obtain it by separate document.
3. _____ If special construction required, i.e.:
 - a) driveway to manhole
 - b) bridge over a ravine leading to manhole.