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.____ Basements designated.
10.____ Tract map on file or accompanying sewer (improvement) plans.
11.____ Engineer provided X and Y coordinates of new manholes & vertical risers.
PROFILE

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.
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.