City of Santa Clarita
Engineering Services Division
23920 Valencia Boulevard, Suite 300
Santa Clarita, California 91355
(661) 255-4942

SEWER CORRECTION SHEET

MC#			
Master Case No.	Assessor's Parcel No.	Tract / Parcel No. / Address	Lot No's.
ENG	SS		
Project No.	Case No.		
Owner	Telephone No.	e-mail address	Plan Check No. / Date
			1
Design Engineer	Telephone No.	e-mail address	2
			3
			4
Plan Checker	Telephone No.	e-mail address	

Return this Correction Sheet with your next submittal

A. GENERAL INFORMATION

1. Publicly maintained sewer systems shall be submitted to the Engineering Services Division for review and approval. Privately maintained sewer systems shall be submitted to the Building & Safety Division for review and approval.
2. A Sewer (Encroachment) Permit is required for the following:
   a) All work within the public right-of-way
   b) Publicly maintained sewer systems on private property
3. The City's approval of plans does not permit the violation of building codes, ordinances or state laws.
4. Counter consultations are not guaranteed unless scheduled in advance with the Plan Checker.
5. Standard forms used by this division are available on the City's website at www.santa-clarita.com/city-hall/departments/public-works/Engineering-services/Engineering-services-forms
6. The City uses the following design standards for sewer improvements:
   - Standard Plans for Public Works Construction (APWA Standard Plans)
   - Los Angeles County Department of Public Works (LACDPW) Standard Plans

B. APPROVAL & PERMIT PROCESS

1. Prior to Sewer Plan approval, the plans for the proposed improvements shall address the information and corrections indicated by the circled items on this Sewer Correction Sheet.
2. This Sewer Correction Sheet must be returned with the red-lined check prints and two sets of revised plans after corrections have been made.
3. The applicant shall submit the sewer plans concurrently to the City of Santa Clarita Engineering Services Division and Los Angeles County Sewer Maintenance Division (SMD) for review. The City cannot approve the plans until SMD has reviewed the plans and all of their comments, and the City's comments, have been addressed.
4. After the Plan Checker has indicated that all plan check comments have been addressed, the engineer shall print a bond copy, sign the Private Engineer's Notice to Contractors, and sign and stamp every sheet.
5. The applicant/engineer submits the bond copy to the Plan Checker for City approval signatures. After the required City signatures are obtained (which typically takes 2 – 3 days), the Plan Checker will contact the applicant/engineer to inform them the approved plans are ready to be picked up.
6. The applicant/engineer obtains approval signatures on bond copy from:
   a. Los Angeles County Sewer Maintenance Division
   b. Los Angeles County Sanitation District
   c. Los Angeles County Land Development Division (if required)
   d. Newhall County Water District (if required)
7. The applicant/engineer sends a digital copy of the approved plan and a Cad file of the sewer showing only the sewer alignment and lot lines in the City's coordinate system.
8. Plan reviewer sends request to GIS to incorporate Sewer Plan feature into shapefile with case No. as an attribute.

9. When the applicant is ready to obtain a Sewer (Encroachment) Permit to construct the sewer, they must bring two copies of the approved sewer plan to the Engineering Counter in Suite 140 and pay any remaining fees.

C. BONDS & FEES

1. Post a Faithful Performance Bond for the sewer improvements in the amount of $_____.
2. Post a Labor & Materials Bond for the sewer improvements in the amount of $_____.
3. Submit payment for the Bond Processing Fee of $_____.
4. Submit payment for the Sewer Plan Check Fee of $_____.
5. Submit payment for the Document Imaging Fee of $_____.
6. Submit payment for the Sewer Inspection Fee of $_____.

D. CITY APPROVALS

Engineering Services (661) 255-4942

1. Submit a Sewer Area Study, in accordance with the City's Sewer Area Study Policy, for review and approval. Sewer plans cannot be approved until the Sewer Area Study has been approved.
2. A revision to the Street Plans is required for _____.
3. An Easement Document is required for _____.
   Please refer to the 1st Plan Check Submittal Requirements which is available on the City's website.
4. A Vacation Document is required for _____.
   Please refer to the 1st Plan Check Submittal Requirements which is available on the City's website.

E. OUTSIDE AGENCY APPROVALS

Los Angeles County, Department of Public Works, Land Development Division

1. Sewage from the proposed development is draining from the City into Los Angeles County jurisdiction. The approval block (designated E1) shown on Page 8 must be added to Page 1 of the Sewer Plan. After the Sewer Plan mylar has been approved by the City, the County Land Development Division must sign this approval block to indicate their acceptance of the sewage from the proposed development.
2. Sewage from the proposed development is draining from Los Angeles County into City jurisdiction. The approval block (designate E2) shown on Page 8 must be added to Page 1 of the Sewer Plan. After the Sewer Plan mylar has been approved by the County Land Development Division, the City must sign this block to indicate their acceptance of the sewage from the proposed development.

Los Angeles County, Department of Public Works, Sewer Maintenance Division (SMD)

1. Submit plans to SMD for review. The City cannot approve the plans until SMD has issued a review letter, and all of their comments have been addressed.

Los Angeles County, Sanitation District

1. Obtain approval to connect to the County Sanitation District trunk sewer.

Los Angeles County, Building & Safety (Local office located at 23757 Valencia Blvd, Santa Clarita, California)

1. Obtain a saddle permit for the lateral connection(s) at Station(s) _____.
   Refer to "Instructions to Sewer Contractors for obtaining Sewer Saddle Installation Permits" located on the City's website at www.santa-clarita.com/city-hall/departments/public-works/engineering-services/engineering-services-forms

Newhall County Water District (NCWD) (661) 259-3610

1. Obtain approval to connect to NCWD trunk sewer.

Los Angeles Department of Water and Power (LADWP) or, Santa Clarita Water District (SCWD) or, Castaic Lake Water Agency (CLWA) or, Newhall Water Company

1. Obtain approval from the respective Water agency when Sewer is crossing a waterline.

F. SEWER PLAN

General

1. Submit a copy of the Final Conditions of Approval.
2. Submit a copy of the Tentative Tract Map approved by the Planning Division (with Planning's approval stamp).
3. Submit a copy of the Site Plan approved by the Planning Division (with Planning's approval stamp).
4. Submit field survey notes showing the invert elevations of the existing manhole where the proposed sewer will connect.
5. Submit a copy of the proposed on-site sewer plan indicating the point of connection to the public sewer system (marked "For Reference)
6. Submit a copy of the following plans for reference: _____

7. The following Conditions of Approval have not been addressed: _____

8. The Sewer Plan does not conform to the Approved Site Plan / Tentative Map. Either revise the sewer plan to match the approved plan or submit a revised Site Plan / Tentative Map with Planning's approval stamp.

9. Check for any waterline crossings. Sewer should always be crossing under the waterline with minimum 3' of clearance from bottom of waterline to the top of sewer pipe. Sewer pipe crossing over waterline should never be allowed unless absolutely necessary and shall require a written approval from the corresponding water company/agency.

Plan Requirements

1. Sewer plans shall be 24- by 36-inch standard size.

2. Each sheet shall contain 2 pages.

3. Sewer plans shall be in the City's standard format which is available in AutoCAD format on the City's website at: www.santa-clarita.com/city-hall/departments/public-works/engineering-services/engineering-services-forms

4. Use the line types as indicated in the LACDPW Standard S-1 – Legend for Sanitary Sewer Plans and Profiles and District Maps.

5. Do not use triangles for construction notes; a triangle is the symbol used for revisions to plans after they have been approved by the City.

6. City approval of sewer plans will only be given on bond copy.

7. Sewer Plans must be prepared by a registered civil engineer. The engineer must sign and stamp every sheet of the plans prior to City approval.

The following items shall be shown on Page 1

8. Plan information shall be in the upper right corner of Page 1, and shall include the following information:
   - Tract number
   - Private contract (PC) number (This number is assigned by City staff.)
   - Number of sheets and number of pages

9. A list of all APWA and LACDPW standard plans that are referenced on the sewer plan.

10. The City & County Approval Blocks, as shown on Page 8, shall be on the right side of Page 1.

11. Index Map - - shall be on the left side of Page 1 and shall include the following information:
   - Scale (minimum 1" = 600')
   - North arrow
   - Tract boundary
   - Lot lines
   - City/County boundary
   - City/Caltrans boundary
   - Proposed sewer in heavy solid lines
   - All existing sewer lines in the vicinity
   - PC number of proposed and existing sewers
   - Street names and right of way width
   - Arrows indicating direction of flow
   - Existing and proposed manholes
   - Plan page numbers in circles
   - Thomas guide page number
   - Sewer Maintenance District (SMD) Index number – obtain from Sanitation District

12. A revision block, as shown on Page 9, shall be plotted on the lower left corner of Page 1 below the Index Map.

13. Benchmark information shall be located in the upper left corner of Page 1 above the Index Map. Sewer plans must be prepared using the 2003 B.M.

14. Standard Sewer Notes and SWPPP Notes, as shown on Page 6 below, shall be included on the center section of Page 1.

15. Private Engineer's Notice to Contractors shall be located in the lower right corner of Page 1, and be signed by the engineer.

The following Items shall be shown on the lower right corner of every sheet:

16. Name, address, and phone number of the company who prepared the plan

17. Stamp and signature of the registered engineer who prepared the plan

Design Requirements

General

18. Pipe material shall be vitrified clay pipe (VCP)

19. Clean-outs are not allowed on publicly maintained sewers

20. The following indicates the minimum slope permissible for each pipe size:

Pipe size	Min. slope
8"	0.40%
10"	0.32%
12"	0.24%
15"	0.16%
18"	0.14%
21"	0.12%
24"	0.10%

Sewer Mains

21. The minimum size of a sewer main is 8”
22. Sewer mains shall be located 5’ north or east of the street centerline, or 6’ from curb line on a major highway
23. Major highways (8 lane and 6 lane highways as shown on the City’s Master Plan of Highway & Roadway System) shall be double lined
24. Minimum depth of mainline sewer shall be 7.5’ (measured from the top of manhole to the highest pipe invert).
25. The use of shallow manholes (LACDPW Standard Plan 2002-1) requires County approval.
26. Main line sewer shall be installed along the entire frontage of the proposed tract.
27. Common lower station shall be Station 0+00.00
28. Maximum distance between manholes is 350’
29. Sewer main lines shall terminate with a manhole
30. Manholes are required at any horizontal change of alignment
31. Manholes shall not be located in cross gutters at street intersections.
32. Only one curve of any kind (horizontal or vertical) is allowed between manholes
33. Horizontal curves: Minimum radius = 120’ Maximum delta = 60 degrees
34. Vertical curves: Minimum length = 40’ (show grades at every 10’ on profile)
35. LA County Code, Title 20 – Utilities (Sewer Design) contains requirements for horizontal and vertical curves
36. Minimum distance between sewer pipes and water pipes shall be 10’, or special construction is required per LACDPW Standard 2100-1
37. Clearance from storm drain – per LACDPW Standard S-23 (special Cradling and Encasement as necessary)
38. If a structure footing is within a 45-degree angle of the main line sewer, the pressure on the main line sewer must be investigated and adequate protection must be provided if necessary – refer to County Standard S-23 Case 1.

Sewer Laterals

39. 4” VCP shall be used for single family residence
40. 6” VCP shall be used for all commercial/industrial buildings
41. Laterals shall be spaced a minimum of 5’ apart and a minimum of 5’ from edge of manhole
42. All laterals shall be stationed
43. Laterals shall extend to the R/W or easement edge
44. Each lot shall be served with a lateral (including future lots)
45. Laterals cannot cross lot lines. If a sewer pipe must cross a lot to serve other lots, then the sewer must be a sewer main with easements.
46. Laterals shall be at right angles to the mainline, except at end of cul-de-sac (stub out 8” VCP from manhole and connect 4” house lateral.
47. Show direction of the wye(s) in the direction of flow of the main line.
48. Coordinate the alignment of the proposed on-site sewer with existing available sewer laterals.

Plan View

49. Plan views shall be oriented with the north arrow up or to the left.
50. The plan view shall show the following information:
    a. Scale (1” = 40’)
    b. North arrow
    c. Street name
    d. Street dimensions
    e. Street centerline
    f. Curb line
    g. Right-of-way
    h. Tract boundary
    i. City / County boundary
    j. City / Caltrans boundary
    k. Dimensioned distance between sewer and water mains
    l. All easements (existing and proposed)
    m. Proposed sewer easements (with bearings and distances)
    n. Lot lines and lot numbers (station one lot line per block)
    o. Pad elevations
    p. Back water valve if required
    q. Proposed sewer including size, type, line/bearing data, curve data, and beginning and end of curves
    r. Manholes including stationing
    s. Laterals including size and stationing
    t. Existing and proposed utilities (water, storm drain, or any other utilities that may affect design -SCE, cable that crosses sewer)

51. All sewer mains shall be in a 10' wide easement if not in a public street. If the sewer main is within a private street or driveway, then the easement shall be the width of the private street/driveway. (**16.19.070 UDC)**

52. Sewer easements shall be labeled with one of the following notes:
    a. Sanitary Sewer Easement to the City of Santa Clarita per Final Map
    b. Sanitary Sewer Easement to the City of Santa Clarita per Separate Instrument #_____

53. Backwater valve requirement: If the pad elevation is lower than the first upstream top of manhole elevation, then a backwater valve is required.

54. A Letter of Permission is required for work within the following easement(s): _____

Profile View

55. The profile view shall show the following information:
    a. Pipe size and type
    b. Pipe slope
    c. Distance between manholes
    d. Manholes and manhole stations
    e. Top of manhole elevation
    f. Pipe invert elevations, entering and exiting the manhole
    g. Show existing manholes with dashed lines and show proposed manholes with solid lines
    h. If the same manhole is shown in a different profile, show the manhole with dashed lines
    i. All utilities crossing the sewer with invert elevations, size, and description of utility
    j. Profile of the curb line or centerline
    k. Stationing of line – to center of manhole and inverts

56. Pipe slopes shall be evenly divisible by 0.04

57. Drops across manhole shall be per County Sewer Design Manual Table S-C5

58. Pipe anchors per APWA Standard Plan 221-2 are required on pipes with a grade equal to or steeper than 30%

59. Sewers that are 20' in depth or greater shall be cast iron pipe. (Los Angeles County Municipal code 20.32.570: Vitrified clay pipe – Installation specifications)

60. Sewer pipe installed under a railway shall be encased in concrete, or encased in a steel pipe backfilled with sand, or encased by other approved means which will protect the pipe to the same extent. (Municipal code 20.32.570: Vitrified clay pipe – Installation specifications)

61. Sewer pipe with the top of pipe less than four feet below the surface shall be encased in concrete or other approved means to protect the pipe. (Municipal code 20.32.570: Vitrified clay pipe – Installation specifications)

62. Vertical clearance and encasement or cradling – per County standard 2100-1 & 2023-2 – show limits in profile

F. SEWER PLAN NOTES

The following notes shall be shown on Page 1 of the Sewer Plans:

GENERAL NOTES

1. A sewer construction permit shall be obtained and fees paid for construction inspection to the City of Santa Clarita, Engineering Services Division, 23920 Valencia Blvd. Suite 302, Santa Clarita, California, Phone: (661) 286-4123, at least 72 hours prior to start of work. Copies of all other required permits, such as Road Excavation, Caltrans, etc. must be filed with the permit application.

2. Contractor shall notify the City of Santa Clarita Public Works Inspection by phone at (661) 255-4942 at least 24 hours prior to start of work.

3. Contractor shall notify Underground Service Alert (USA) at (800) 227-2600 at least forty-eight (48) hours prior to start of work. Contractor shall contact USA every 28 days for updates.

4. Prior to issuance of the required sewer construction permit, the contractor shall file a permit for excavation and trenches from the State of California Division of Industrial Safety, and a Certificate of Worker's Compensation Insurance with the City of Santa Clarita named as the Certificate Holder. The City of Santa Clarita shall be notified 30 days prior to cancellation of the insurance policy.

5. If work is done on a State Highway, a permit must be obtained from the State of California Department of Transportation, 120 South Spring Street, Los Angeles, California.

6. Approval of this plan by the City of Santa Clarita does not constitute a representation as to accuracy of the location or the existence or non-existence of any underground utility pipe or structure within the limits of this project.

7. All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction", including supplements and the latest "Special Provisions for the Construction of Sanitary Sewers", and shall be prosecuted only in the presence of the City of Santa Clarita.

8. The contractor's attention is directed to Section 7-10.4.1 of the "Standard Specifications for Public Works Construction" in regard to safety orders and shall conform to the "Minimum Public Safety Requirement" as shown on the Los Angeles County Department of Public Works Standard Plan 6008-1.

9. Elevations are in feet above U.S.C. and G.S. sea level datum of 1988.

10. No revisions shall be made in these plans without the approval of the City Engineer.

11. No representative of the City of Santa Clarita will survey or lay out any portion of the work.

12. Grades to which this improvement is to be constructed are shown on the plans and profiles. Grade points for top of curbs, centerline of streets, or centerline of alleys are shown by circles on profiles at all points between designated points. The grade shall be established so as to conform to a straight line between said designated points.

13. The private engineer shall furnish the City of Santa Clarita's Engineering Services Division with grade sheets and stationing for all house laterals and "Y" or "T" branches, and shall provide stakes for them at their proper locations with stationing plainly marked. All house laterals shall be constructed in a straight alignment at right angles from the main line sewer except as shown on the plans. House laterals from chimneys shall not have an angle of less than 45 degrees with the main line sewer. Any change in alignment shall be requested in writing by the private engineer.

14. The private engineer shall furnish the house lateral depth at the property line below the top of the curb elevation for each house lateral on the grade sheet.

15. An approved backwater valve is required when the pad is lower in elevation than the top of the next upstream manhole.

CONSTRUCTION NOTES

1. Contractor shall provide survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.

2. Vitrified clay pipe joints shall be type "D" or "G" in accordance with "Standard Specifications for Public Works Construction" Section 208-2.

3. If a power pole is within three feet of the sewer, the sewer shall be encased per LACDPW Standard Plan 2023-2, Case II, two feet on each side from the point of interference.

4. All joints between cast iron pipe and vitrified clay shall be made with a rubber sleeve joint, type "D" (with bushing if necessary) per "Standard Specifications for Public Works Construction" Section 208-2.

5. House laterals to be constructed with inverts at the property line six feet below curb grade, except as noted.

6. Wye or tee branches may be used for connections to the mainline sewers, except as noted.

7. If during the course of construction, it is determined that there is less than four feet of cover over the top of a mainline or house lateral V.C.P. sewer which is not indicated on the plans, the pipes shall be encased per LACDPW Standard Plan 2023-2, Case II, unless otherwise approved by the City Engineer.

8. All structures shall be either brick sewer manholes per APWA Standard Plan 203-0, precast concrete sewer manholes per APWA Standard Plan 200-2, or reinforced precast concrete manhole per LACDPW Standard Plan 2003-2, except as noted.

9. Resurface all trenches within paved areas to meet the City of Santa Clarita, Los Angeles County Department of Public Works, or Caltrans' requirements in accordance with the permits.

10. Full compliance with Section 306-1.3.4 of the "Standard Specifications for Public Works Construction" will be required for backfill in street. Certification of backfill, compaction, and sand equivalents by a qualified civil engineer shall be provided by the permitee prior to the issuance of a certificate of partial acceptance.

11. All backfill and fills outside of the street right-of-way shall be compacted to 90% of the maximum density as determined by ASTM Soil Compaction Test D 1557-78 method "D," unless otherwise specified. This shall be certified by a qualified civil engineer. This certification shall be submitted to the City of Santa Clarita's Engineering Services Division prior to the acceptance of the work by the City.

12. Manhole tops in unimproved right-of-ways to be six inches above finished grade.

13. Manhole tops in improved right-of-ways to be level with finished grade.

14. Sewers to be tested for leakage per Section 306-1.4.4 of the "Standard Specifications for Public Works Construction" and "Special Provisions for the Construction of Sanitary Sewer".

15. All wyes and/or house laterals are to be located at least five (5) feet apart and not closer than five (5) feet to any manhole.

16. Comply with the requirements of Standard Drawing 2100-0, "Design Requirements for Sanitary Sewers in the Vicinity of Pressure Water Mains," and comply with the requirements.

STORMWATER POLLUTION PLAN NOTES

1. Every effort should be made to eliminate the discharge of non-stormwater from the project site at all times.

2. Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheet flow, swales, area drains, natural drainage courses, or wind.

3. Stockpiles of earth and other construction-related materials must be protected from being transported from the site by the forces of wind or water.

4. Fuels, oils, solvents, and other toxic materials must be stored in accordance with their listing and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.

5. Excess or waste concrete may not be washed into the public right-of-way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can be disposed of as solid waste.
6. Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
7. Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public right-of-way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
8. Any slopes with disturbed soils denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

9. The following BMP's as outlined in, but not limited to, the "Best Management Practice Handbook, California Stormwater Quality Task Force, Sacramento, California, 1993," or the latest revised edition, may apply during the construction of this project (additional measures may be required if deemed appropriate by City inspectors):

Erosion Control

EC1 – Scheduling
EC2 – Preservation of Existing Vegetation
EC3 – Hydraulic Mulch
EC4 – Hydroseeding
EC5 – Soil Binders
EC6 – Straw Mulch
EC7 – Geotextiles & Mats
EC8 – Wood Mulching
EC9 – Earth Dikes and Drainage Swales
EC10 – Velocity Dissipation Devices
EC11 – Slope Drains

Temporary Sediment Control

SE1 – Silt Fence
SE2 – Sediment Basin
SE3 – Sediment Trap
SE4 – Check Dam
SE5 – Fiber Rolls
SE6 – Gravel Bag Berm
SE7 – Street Sweeping and Vacuuming
SE8 – Sandbag Barrier
SE9 – Straw Bale Barrier
SE10 – Storm Drain Inlet Protection

Wind Erosion Control

WE1 – Wind Erosion Control

Equipment Tracking Control

TC1 – Stabilized Construction Entrance/Exit
TC2 – Stabilized Construction Roadway
TC3 – Entrance / Outlet Tire Wash

Non-Stormwater Management

NS1 – Water Conservation Practices
NS2 – Dewatering Operations
NS3 – Paving and Grinding Operations
NS4 – Temporary Stream Crossing
NS5 – Clear Water Diversion
NS6 – Illicit Connection / Discharge
NS7 – Potable Water / Irrigation
NS8 – Vehicle and Equipment Cleaning
NS9 – Vehicle and Equipment Fueling
NS10 – Vehicle and Equipment Maintenance
NS11 – Pile Driving Operations
NS12 – Concrete Curing
NS13 – Concrete Finishing
NS14 – Material and Equipment Use
NS15 – Demolition Adjacent to Water
NS16 – Temporary Batch Plants

Waste Management & Material Pollution Control

WM1 – Material Delivery and Storage
WM2 – Material Use
WM3 – Stockpile Management
WM4 – Spill Prevention and Control
WM5 – Solid Waste Management
WM6 – Hazardous Waste Management
WM7 – Contamination Soil Management
WM8 – Concrete Waste Management
WM9 – Sanitary / Septic Waste Management
WM10 – Liquid Waste Management

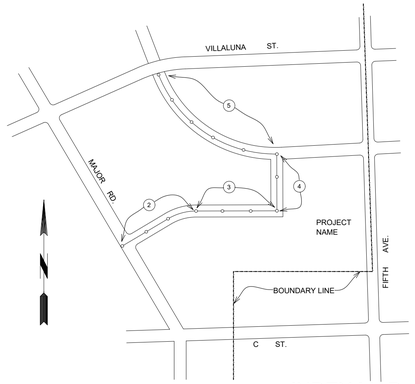
SS19-00XXX

BENCH MARKS

BM Elev.

XXXXXXXXXXX QUAD 20XX

Per Title 20.24.140 of LA County Code, obstructing access to sewer facilities is prohibited. No object difficult to remove shall be located over the sewer easement(s) as to interfere with ready access to sewer facilities.



INDEX MAP

SCALE: 1" = 200' or 300' CSMD INDEX _____

P.C. _____ TR. NO. _____

THOMAS GUIDE PAGE: _____

NOTES: NUMBER IN CIRCLE INDICATES PAGE NUMBER.
ALL MAINLINE SANITARY SEWERS ARE WITHIN THE SANITARY SEWER EASEMENT (IF APPLICABLE)

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-805-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

PROJECT ENGINEER RCE NO DATE

STORMWATER POLLUTION PLAN NOTES:

1. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
2. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
4. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OFF IN A PROPER MANNER . SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC RIGHT OF WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OFF AS SOLID WASTE.
6. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC RIGHT OF WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
8. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
9. THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE "BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE SACRAMENTO, CALIFORNIA, 1993" OR THE LATEST EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTORS)

EROSION CONTROL
- EC1 SCHEDULING
- EC2 PRESERVATION OF EXISTING VEGETATION
- EC3 HYDRAULIC MULCH
- EC4 HYDROSEEDING
- EC5 SOIL BINDERS
- EC6 STRAW MULCH
- EC7 GEOTEXTILES & MATS
- EC8 WOOD MULCHING
- EC9 EARTH DIKES AND DRAINAGE SWALES
- EC10 VELOCITY DISSIPATION DEVICES
- EC11 SLOPE DRAINS

WIND EROSION CONTROL
- WE1 WIND EROSION CONTROL

EQUIPMENT TRACKING CONTROL
- TC1 STABILIZED CONSTRUCTION ENTRANCE EXIT
- TC2 STABILIZED CONSTRUCTION ROADWAY
- TC3 ENTRANCE/OUTLET TIRE WASH

NON-STORM WATER MANAGEMENT
- NS1 WATER CONSERVATION PRACTICES
- NS2 DEWATERING OPERATIONS
- NS3 PAVING AND GRINDING OPERATIONS
- NS4 TEMPORARY STREAM CROSSING
- NS5 CLEAR WATER DIVERSION
- NS6 ILLICIT CONNECTION/DISCHARGE
- NS7 POTABLE WATER/IRRIGATION
- NS8 VEHICLE AND EQUIPMENT CLEANING
- NS9 VEHICLE AND EQUIPMENT FUELING
- NS10 VEHICLE AND EQUIPMENT MAINTENANCE
- NS11 PILE DRIVING OPERATIONS
- NS12 CONCRETE CURING
- NS13 CONCRETE FINISHING
- NS14 MATERIAL AND EQUIPMENT USE
- NS15 DEMOLITION ADJACENT TO WATER
- NS16 TEMPORARY BATCH PLANTS

WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL
- WM1 MATERIAL DELIVERY AND STORAGE
- WM2 MATERIAL USE
- WM3 STOCKPILE MANAGEMENT
- WM4 SPILL PREVENTION AND CONTROL
- WM5 SOLID WASTE MANAGEMENT
- WM6 HAZARDOUS WASTE MANAGEMENT
- WM7 CONTAMINATION SOIL MANAGEMENT
- WM8 CONCRETE WASTE MANAGEMENT
- WM9 SANITARY/SEPTIC WASTE MANAGEMENT
- WM10 LIQUID WASTE MANAGEMENT

TEMPORARY SEDIMENT CONTROL
- SE1 SILT FENCE
- SE2 SEDIMENT BASIN
- SE3 SEDIMENT TRAP
- SE4 CHECK DAM
- SE5 FIBER ROLLS
- SE6 GRAVEL BAG BERM
- SE7 STREET SWEEPING AND VACUUMING
- SE8 SANDBAG BARRIER
- SE9 STRAW BALE BARRIER
- SE10 STORM DRAIN INLET PROTECTION

B. STANDARD PLANS:

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE FOLLOWING DEPARTMENT SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

2000-0	LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS	2021-1	BEDDING FOR SEWER PIPE
2002-1	PRECAST CONCRETE SHALLOW MANHOLE	2023-2	CRADLING AND ENCASEMENT
2003-2	REINFORCED PRECAST CONCRETE MANHOLE	2024-1	WYE OR TEE SUPPORT
2004-1	RECTANGULAR SHALLOW MANHOLE	2027-1	EROSION PROTECTION IN STEEP SLOPES
2014-1	RECTANGULAR MANHOLE FRAME AND COVER	2027-1	ALLOWABLE TRENCH WIDTHS
2015-1	STANDARD MANHOLE STEP	6008-1	MINIMUM PUBLIC SAFETY REQUIREMENTS
		2100-1	REQUIREMENT'S FOR SANITARY SEWERS NEAR WATER MAINS

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)

200-3	PRECAST CONCRETE SEWER MANHOLE	220-3	CHIMNEYS
204-2	TERMINAL CLEANOUT STRUCTURE	221-2	PIPE ANCHORS AND BACKFILL STABILIZERS
207-2	PRECAST REINFORCED CONCRETE MANHOLE BASE	222-2	HOUSE CONNECTION SEWER
208-2	BREAKING INTO EXISTING MANHOLES	223-2	HOUSE CONNECTION REMODELING
210-3	MANHOLE FRAME AND COVER LOCKING TYPE	225-2	BLANKET PROTECTION FOR PIPES

COUNTY SANITATION DISTRICT (CSD) NOTES:

1. No connection for the disposal of industrial wastes shall be made to sewers shown on these drawings until a permit for industrial waste water discharge has been issued by the County Sanitation Districts for said connections.

If not connecting directly to a CSD sewer:

2. Prior to final acceptance of the project, notify the CSD superintendent of maintenance at (310) 638-1161 to report completion of construction of this local Sewer that indirectly connects to the CSD sewer system. (For projects in the L.A. Basin)

OR

2. Prior to final acceptance of the project, notify the CSD superintendent of maintenance at (661) 257-4809 to report completion of construction of this local Sewer that indirectly connects to the CSD sewer system. (For projects in the Santa Clarita or Antelope Valley)

If connecting directly to a CSD sewer:

2. See CSD manhole detail on these drawings.
All work involving CSD sewers or manhole shall be in accordance with the latest edition of the Standard specifications for Public Works
3 construction, and CSD latest Amendments to the standard specifications for Public Works construction and standard drawing for construction. A copy of the amendments and standard drawings may be obtained from the CSD Engineering counter (Room 110) at 1955 Workman Mill Rd., Whittier, CA 90661 or from the CSD website "WWW.LACSD.ORG".

LOT NO. _____ IS RESTRICTED FROM CONSTRUCTION OF BUILDINGS AND WILL NOT BE SERVED BY THIS SEWER.

ISSUE NO HOUSE LATERAL CONNECTION PERMITS UNTIL OUTLET SEWER PC XXXXX IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES.

ISSUE NO HOUSE LATERAL CONNECTION PERMITS UNTIL OUTLET PUMP STATION OF THIS PC IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES

NOTICE TO CONTRACTOR:
PRIOR TO ABANDONING THE EXISTING SEWER LINES, NEW SEWER LINES MUST BE CONSTRUCTED TO REDIRECT THE SEWER FLOW FROM THE EXISTING SEWER LINES.

THE DEVELOPER SHALL BE RESPONSIBLE FOR THE CONTINUED MAINTENANCE OF PCXXXXX SANITARY SEWER UNTIL THE COUNTY FORMALLY ACCEPTS IT FOR MAINTENANCE. ALL MAINLINE, MANHOLES AND LATERALS SHALL BE PROTECTED FROM DAMAGE AND INFILTRATION.

EXISTING SEWER SYSTEM SHALL BE OPERATIONAL AT ALL TIMES DURING CONSTRUCTION/RECONSTRUCTION. NOTIFY AFFECTED HOMEOWNERS AT LEAST 72 HRS IN ADVANCE.

ANY DAMAGE TO THE SEWER LINE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/OWNER. ALL GRADING AND CONSTRUCTION OCCURRING OVER AND THE VICINITY OF THE EXISTING SEWER SHALL BE PERFORMED IN THE PRESENCE OF A COUNTY INSPECTOR. WHERE APPLICABLE, THE SEWERS SHALL BE PROTECTED PER STD. PLAN 2023-2 AT ALL SIGNIFICANT CROSSINGS.

CONTRACTOR TO PROTECT AND PRESERVE IN PLACE ALL EXISTING SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE RESET BY A LICENSED SURVEYOR AND THE APPROPRIATE CORNER RECORD MUST BE FILED WITH THE COUNTY OF LOS ANGELES.

PRIOR TO ACCEPTANCE OF ANY SANITARY SEWER LINE BY THE CITY OF SANTA CLARITA AN INSPECTION OF SAID LINE BY VIDEO SHALL BE REQUIRED AT NO COST TO THE CITY. ALL NEW MAINLINE SEWERS SHALL BE VIDEO INSPECTED. THE CCTV INSPECTION SHALL BE COMPLETED BY A CERTIFIED NATIONAL ASSOCIATION OF SEWER SERVICE COMPANY (NASSCO), PIPELINE ASSESSMENT AND CERTIFICATION PROGRAM (PACP) TRAINED OPERATOR(S) USING ESTABLISHED PACP CODING OBSERVATIONS. THE RESULTS OF THE VIDEO INSPECTION SHALL BE RECODED IN DVD FORMAT AND A COPY SHALL BE PROVIDED TO THE CITY AND LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS SEWER MAINTENANCE DIVISION. CONDITION ASSESSMENT UNIT, FOR REVIEW AND APPROVAL ANY NOTED DEFICIENCIES SHALL BE CORRECTED, THEN FOLLOWED BY A POST CORRECTION VIDEO TO BE RESUBMITTED FOR REVIEW AND APPROVAL. THE DEVELOPER OF THE PROJECT SHALL NOTIFY THE CITY IN WRITING AT LEAST 24 HOURS IN ADVANCE OF THE SCHEDULED DATE OF THE VIDEO INSPECTION.

THE SUBJECT SANITARY SEWER WILL NOT BE ACCEPTED FOR MAINTENANCE UNTIL SUCH TIME AS THE OUTLE SEWER PC XXXX IS BUILT AND ACCEPTED BY THE CITY FOR MAINTENANCE

ALL SANITARY SEWER MANHOLE SHAFTS AND FRAMES SHALL BE WATERTIGHT WITH APPROVED JOINT SEALING COMPOUND.

PRIVATE CONTRACT SEWER GENERAL NOTES:

1. A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE CITY OF SANTA CLARITA DEPARTMENT OF PUBLIC WORKS AT THE PERMIT COUNTER, 23920 VALENCIA BLVD, SUITE 140, SANTA CLARITA, AT LEAST 72 HOURS PRIOR TO STARTING WORK UNDER THIS PERMIT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS, ETC., MUST BE FILLED WITH THE PERMIT APPLICATION.
2. THE CONTRACTOR SHALL NOTIFY THE CITY OF SANTA CLARITA PUBLIC WORKS INSPECTION BY PHONE AT (661) 255-4942 AT LEAST 24 HOURS PRIOR TO START OF WORK.
3. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (USA) AT (800) 227-2600 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO START OF WORK. CONTRACTOR SHALL CONTACT USA EVERY 28 DAYS FOR UPDATES.
4. PRIOR TO ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE CITY OF SANTA CLARITA NAMED AS THE CERTIFICATE HOLDER.THE CITY OF SANTA CLARITA SHALL BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF THE INSURANCE POLICY.
5. IF WORK IS DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
6. APPROVAL OF THIS PLAN BY THE CITY OF SANTA CLARITA DOES NOT CONSTITUTE A REPRESENTATION AS TO ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NONEXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE "STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION", INCLUDING SUPPLEMENTS AND THE LATEST "SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS", AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE CITY OF SANTA CLARITA.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" IN REGARD TO SAFETY ORDERS AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENT" AS SHOWN ON COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD PLAN NO. 6008-1.
9. ELEVATIONS ARE IN FEET ABOVE U.S.C. AND G.S. SEA LEVEL DATUM OF 1988.
10. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE CITY ENGINEER.
11. NO REPRESENTATIVE OF THE CITY OF SANTA CLARITA WILL SURVEY OR LAYOUT ANY PORTION OF THE WORK.
12. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS, OR CENTERLINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BETWEEN SAID DESIGNED POINTS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGN POINTS.
13. THE PRIVATE ENGINEER SHALL FURNISH THE CITY OF SANTA CLARITA'S ENGINEERING SERVICES DIVISION WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND ANY "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45 DEGREES WITH THE M.L. SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
14. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
15. AN APPROVED BACKWATER VALVE IS REQUIRED WHEN THE PAD IS LOWER IN ELEVATION THAN THE TOP OF THE NEXT UPSTREAM MANHOLE.

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
2. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "G" IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" SECTION 208-2.
3. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER LACDPW STANDARD PLAN 2023-2, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
4. ALL JOINTS BETWEEN CAST-IRON PIPE AND VITRIFIED CLAY SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" (WITH BUSHING IF NECESSARY), PER "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" SECTION 208-2.
5. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT THE PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
6. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO THE MAINLINE SEWERS EXCEPT AS NOTED.
7. IF DURING THE COURSE OF CONSTRUCTION, IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL V.C.P. SEWER, WHICH IS NOT INDICATED ON THE PLANS, THE PIPES SHALL BE ENCASED PER LACDPW STANDARD PLAN 2023-2, CASE II, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER SPPWC STANDARD PLAN NO. 203-2, OR PRECAST CONCRETE SEWER MANHOLES PER SPPWC STANDARD PLAN NO. 200-3, OR REINFORCED PRECAST MANHOLE PER LACDPW STANDARD PLAN 2023-2, CASE II, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
9. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET CITY OF SANTA CLARITA, LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORK OR CALTRANS' REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
10. FULL COMPLIANCE WITH SECTION 306-1.4 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" WILL BE REQUIRED FOR BACKFILL IN STREET, CERTIFICATION OF BACKFILL, COMPACTION, AND SAND EQUIVALENTS BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
11. ALL BACKFILL AND FILLS OUTSIDE OF THE STREET RIGHT OF WAY SHALL BE COMPACTED TO 90 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM SOIL COMPACTION TEST D 1557-78, METHOD "D", UNLESS OTHERWISE SPECIFIED. THIS SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. THIS CERTIFICATION SHALL BE SUBMITTED TO THE CITY OF SANTA CLARITA ENGINEERING SERVICES DIVISION PRIOR TO ACCEPTANCE OF THE WORK BY THE CITY .
12. MANHOLE TOPS IN UNIMPROVED RIGHT OF WAY IS TO BE SIX INCHES ABOVE FINISHED GRADE.
13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4.4 OF THE "STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION" AND "SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER"
14. MANHOLE TOPS IN IMPROVED RIGHT OF WAY IS TO BE LEVEL WITH FINISHED GRADE.
15. ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST 5 FEET APART AND NOT CLOSER THAN 5 FEET TO ANY MANHOLE.
16. COMPLY WITH THE REQUIREMENTS OF STANDARD DRAWING 2100-0, "DESIGN REQUIREMENTS FOR SANITARY SEWERS IN THE VICINITY OF PRESSURE WATER MAIN", AND COMPLY WITH THE REQUIREMENTS.

PROFILE, ALIGNMENT, AND GRADE OF
SANITARY SEWERS
TO BE CONSTRUCTED IN

PAGE 1

PARCEL MAP/TRACT NO. XXXXX
ADDRESS FOR SINGLE LOT, PC NO. XXXXX
___ SHEETS: ___ PAGES
CITY OF SANTA CLARITA
CSMD INDEX _____

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
CONSOLIDATED SEWER MAINTENANCE DISTRICT
REVIEWED FOR MAINTENANCE

REVIEWED BY _____ DATE _____
OFFICE ENGINEER

SANTA CLARITA VALLEY SANITATION DISTRICT
OF LOS ANGELES COUNTY, CALIFORNIA
GRACE ROBINSON HYDE - CHIEF ENGINEER and GENERAL MANAGER

APPROVED BY _____ DATE: _____
OFFICE ENGINEER

OR

NEWHALL COUNTY WATER DISTRICT

APPROVED BY _____ DATE: _____
OFFICE ENGINEER

CITY OF SANTA CLARITA
APPROVED FOR CONSTRUCTION

MIKE HENNAWY
CITY ENGINEER DATE OF EXECUTION

PLAN CHECKER DATE OF EXECUTION

IN ACCORDANCE WITH RESOLUTION No. 19-6, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO PUBLIC PROPERTY FOR PURPOSES OF DESIGN IMMUNITY PURSUANT TO GOVERNMENT CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.

NO.	REVISION	REVISED BY	SMD APPROVAL	DATE	CITY APPROVAL	EXECUTION DATE

REVIEWED BY _____ DATE _____

P.C. XXXXX PAGE 2

NO CITY CHARGES/NO LA COUNTY CHARGES FOR CONNECTION

SEE COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (562) 908-4288 EX. 2727

SCALE: VERT. 1" = 4'
HORIZ. 1" = 40'

DOUBLE SCALE
(when applicable)

BASIS OF BEARING .....

RECONSTRUCTION NOTES:

1. Remove existing sewer pipes and install new sewer as noted above.
2. Break into existing manhole and form new channel in base per SPPWC 208-2.
3. Maintain sewer flow at all times during construction.
4. Remodel and reconnect all existing house laterals per LA County standards.

PLAN
SCALE: 1" = 40'

25 0 50 100

REGISTERED PROFESSIONAL ENGINEER
NO._____
EXP._____
CIVIL
STATE OF CALIFORNIA

PROJECT ENGINEER DATE

COMPANY NAME & ADDRESS
TELEPHONE NUMBER & E-MAIL

DWG

REVIEWED BY DATE P.C. XXXX PAGE X

SS19-00XXX

NO CITY CHARGES/NO LA COUNTY CHARGES FOR CONNECTION

SEE COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (562) 908-4288 EX. 2727

SCALE: VERT. 1" = 4'
HORIZ. 1" = 40'

DOUBLE SCALE
(when applicable)

REGISTERED PROFESSIONAL ENGINEER
NO.
EXP.
CIVIL
STATE OF CALIFORNIA

PLAN
SCALE: 1" = 40'
25 0 50 100

REVIEWED BY DATE P.C. XXXXXPAGE 2

NO CITY CHARGES/NO LA COUNTY CHARGES FOR CONNECTION

SEE COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (562) 908-4288 EX. 2727

SCALE: VERT. 1" = 4'
HORIZ. 1" = 40'

DOUBLE SCALE
(when applicable)

REGISTERED PROFESSIONAL ENGINEER
NO.
EXP.
CIVIL
STATE OF CALIFORNIA

PLAN
SCALE: 1" = 40'
25 0 50 100