BENCH MARK:

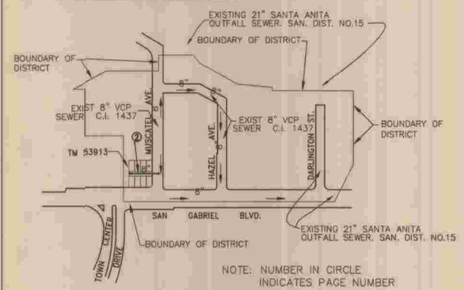
DPW BM TAG IN E CB 300MM N BCR @ NE COR MUSCATEL AVE & SAN GABRIEL BL 14.3M N & 14M E/O C/L INT.

ELEV. = 278.97

BASELINE, 1995

THIS SEWER PRIVATE CONTRACT ACCEPTED FOR PUBLIC USE

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
LAND DEVELOPMENT DIVISION



NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER

INDEX MAP

SCALE: 1" = 400'

P.C. 11855 TR. NO. 53913
INDEX 2021 P.O.1
THOMAS GUIDE PAGE: 636 (H-5)

NOTICE TO CONTRACTOR:
MAINTAIN SEWER FLOW AT ALL TIMES DURING CONSTRUCTION.

NO.	REVISION	REVISED BY	APPROVED BY	DATE

STORMWATER POLLUTION PLAN NOTES

A. NOTES

1. 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.
2. Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
3. 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.
4. Excess or waste concrete may not be washed into the public 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.
5. Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
6. 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 way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
7. Any slopes with disturbed soils denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

B. The following BMP'S as outlined in, but not limited to, the "Best Management Practice Handbook, California Stormwater Quality Task Force, Sacramento, California, 2003" or the latest revised edition, may apply during the construction of this project (additional measures may be required if deemed appropriate by county inspectors)

TEMPORARY SOIL STABILIZATION
SS1 – SCHEDULING
SS2 – PRESERVATION OF EXISTING VEGETATION
SS3 – Hydraulic Mulch
SS4 – Hydroseeding
SS5 – soil Binders
SS6 – Straw Mulch
SS7 – Geotextiles, Plastic covers, & Erosion Control Blankets/Mats
SS8 – Wood Mulching
SS9 – Earth Dikes/Drainage Swales & Lined Ditches
SS10 – Outlet Protection/Velocity Dissipation Devices
SS-11 Slope Drains
SS-12 Stream bank Stabilization

TEMPORARY SEDIMENT CONTROL
SC1 – Silt Fence
SC2 – Sediment Basin
SC3 – Sediment Trap
SC4 – Check Dams
SC5 – Fiber Rolls
SC6 – Gravel Bag Berm
SC7 – Street Sweeping and Vacuuming
SC8 – Sandbag Barrier
SC9 – Straw Bale Barrier
SC10 – Storm Drain Inlet Protection

WIND EROSION CONTROL
WE1 – Wind Erosion Control

WASTE MANAGEMENT & 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 – Contaminated Soil Management
WM8 – Concrete Waste Management
WM9 – Sanitary/Septic Waste Management
WM10 – Liquid Waste Management

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/ILLEGAL Discharge Detection and Reporting
NS7 – Potable Water/Irrigation
NS8 – Vehicle and Equipment Cleaning
NS9 – Vehicle and Equipment Fueling
NS10 – Vehicle & Equipment Maintenance
NS11 – Pile Driving Operations
NS12 – Concrete Curing
NS13 – Material and Equipment use over Water
NS14 – Concrete Finishing
NS15 – Structure Demolition/Removal over or Adjacent to Water

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

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

APWA 208-0	BREAKING INTO EXISTING MANHOLE'S
APWA 222-0	HOUSE CONNECTION SEWER
APWA 223-0	HOUSE CONNECTION REMODELING
2000-0	LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
2021-0	BEDDING FOR SEWER PIPE
2024-0	WYE OR TEE SUPPORT
2027-0	ALLOWABLE TRENCH WIDTHS

PRIVATE CONTRACT SEWER GENERAL NOTES

The following general notes are to be included on Page 1 of all Private Contract Sewer Plans:

1. A sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the Department of Public Works at the Permit Counter, 900 South Fremont Avenue, 8th Floor, Alhambra, 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 filed with the permit application.
2. Prior to issuance of any 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 Department of Public Works named as the Certificate Holder. The Department of Public Works shall be notified 30 days prior to cancellation of the insurance policy.
3. If work is done in a State Highway, a permit must be obtained from the State of California Division of Highways, 120 South Spring Street, Los Angeles, California.
4. When work is within a contract city, the contractor must contact the Director of Public Works of that city, to determine the location to pay the inspection fee.
5. The contractor shall contact the district office listed on the "Application for Construction Permit" to arrange for an acceptable construction start date.
6. Approval of this plan by the County of Los Angeles does not constitute a representation as to accuracy of the location of or the existence or non-existence of any underground utility pipe or structure within the limits of this project. This note applies to all pages.
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 Sewer" and shall be prosecuted only in the presence of the Department of Public Works
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 Los Angeles Department of Public Works' standard plan 6008-1.
9. Elevations are in feet above U.S.C. & G.S. sea level datum of NAVD 1988
10. No revisions shall be made in these plans without the approval of the Director of Public Works.
11. No representative of the Department of Public Works will survey or lay out 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 Department of Public Works 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 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. 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" per "Standard Specifications for Public Works Construction" Section 208-2.
3. If a powerpole 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 cray 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 Director of Public Works.
8. All structures shall be either brick sewer manholes per LACDPW standard plan S-3 (APWA 203-0), or precast concrete sewer manholes per LACDPW standard plan S-36 (APWA 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 Department of Public Works or California State Highway 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 permittee prior to the issuance of a certificate of partial acceptance.
11. ALL BACKFILL AND FILLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF 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 CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO ACCEPTANCE OF THE WORK BY THE COUNTY.
12. Manhole tops in unimproved rights of way to be six inches above finished grade.
13. Sewers to be tested for leakage per section 306-1.4 of the "Standard Specifications for Public Works Construction" and "Special Provisions for the Construction of Sanitary Sewer".
14. Manhole tops in improved rights of way to be level with finished grade.
15. Wyes and/or house laterals are to be located at least 5' apart and when possible not closer than 5' to any manhole.

RECORD PLANS

PROFILE, ALIGNMENT AND GRADE OF

PAGE 1

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT MAP 53913

PC:NO.11855

1 SHEET 2 PAGES

INDEX 2021

COUNTY OF LOS ANGELES, CALIFORNIA

DONALD L. WOLFE — DIRECTOR OF PUBLIC WORKS

APPROVED BY: LAND DEVELOPMENT DIVISION

BY Dennis Hunter — ASSISTANT DIVISION ENGINEER — DATE 1/9/06

SUBMITTED BY — SUBDIVISION PLAN CHECKING SECTION — DATE 1/9/06

APPROVED: COUNTY SANITATION DISTRICT 15
OF LOS ANGELES COUNTY, CALIF.
JAMES F. STAHL – CHIEF ENGINEER and GENERAL MANAGER

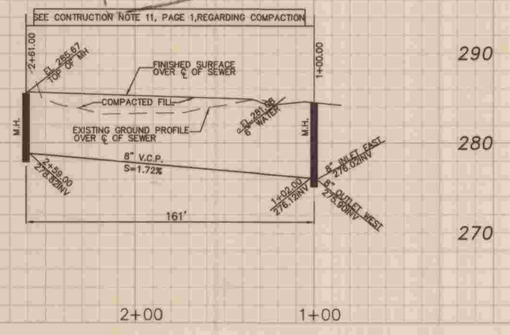
BY — OFFICE ENGINEER — DATE: 1/12/06

CONNECTION NOTES:

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWING UNTIL A PERMIT FOR INDUSTRIAL WASTERWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTING A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (626)962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

P.C. 11855 PAGE 2



NO L.A. COUNTY CHARGE FOR CONNECTIONS

SEE SANITATION DIST. FOR SPECIAL CONNECTION CHARGES. TEL: (562) 699-7411 X-2727

SCALE: H: 1"=40' V: 1"= 8'

NOTICE TO CONTRACTOR

MAINTAIN SEWER SERVICE AT ALL TIMES

LEGAL DESCRIPTION

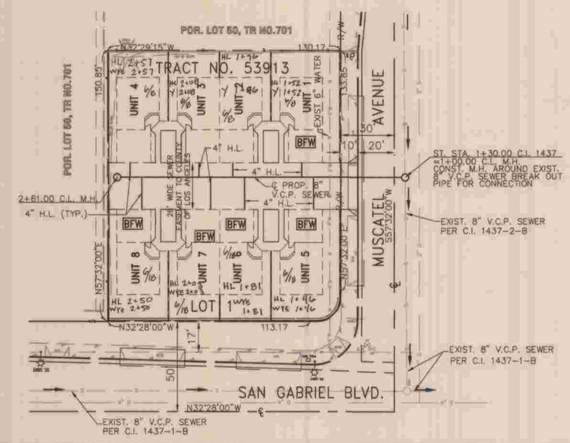
BEING A SUBDIVISION OF A PORTION OF LOT 50 OF TRACT NO. 701, AS PER MAP RECORDED IN BOOK 16 PAGES 110 AND 111 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

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.

RCE NO 18906 — DATE 1/4/06

SCALE: 1" =40'



NOTE:
PROVIDE BACK FLOW PREVENTION VALVE FOR UNITS 1,5,6,7 AND 8 BFW

REGISTERED PROFESSIONAL ENGINEER — ENGLES S. SHEN — C 018906 EXP. 6-30-2007 — CIVIL — STATE OF CALIFORNIA

PS006934

SANITARY SEWER PLANS IN

TRACT NO. 53913 PC. 11855

REVIEWED BY LAND DEVELOPMENT DIVISION

BY — SUBDIVISION PLAN CHECKING SECTION — DATE 1/9/06

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PREPARED IN THE OFFICE OF
ENGLES SHEN AND ASSOCIATES, INC.
1111 CORPORATE CENTER DR., #302
MONTEREY PARK, CA 91754 TEL : (323)266-0866

BY: ENGLES S. SHEN, REG. C. E. NO. 18906

DWG — SHEET 1 OF 1

TR53913-SW(7)2 SAN GABRIEL-BL.dwg Plotted on 10/31/05

PC 11855 INDEX 2021