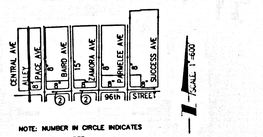
BENCH MARK

BM NUMBER CY 10111 ELEVATION 121.140
LOS ANGELES COUNTY RDBM TAG IN
SOUTH CURB 3 FT EAST OF BCR 32 FT SOUTH OF
CL 92ND STREET QUAD 1980

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

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE AT (310) 638-1161 SO THAT REQUIRED INSPECTIONS CAN BE MADE.



NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER.

KEY MAP

SCALE: 1"=600'

INDEX 1754

THOMAS GUIDE PAGE NUMBER 704-F4

NO.	REVISION	REVISED BY	APPROVED BY	DATE

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

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 or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

CA001 – DEWATERING OPERATIONS	ESC10 – SEEDING AND PLANTING
CA002 – PAVING OPERATIONS	ESC11 – MULCHING
CA003 – STRUCTURE CONSTRUCTION AND PAINTING	ESC20 – GEOTEXTILES AND MATS
CA010 – MATERIAL DELIVERY AND STORAGE	ESC21 – DUST CONTROL
CA020 – SOLID WASTE MANAGEMENT	ESC22 – TEMPORARY STREAM CROSSING
CA021 – HAZARDOUS WASTE MANAGEMENT	ESC23 – CONSTRUCTION ROAD STABILIZATION
CA023 – CONCRETE WASTE MANAGEMENT	ESC24 – STABILIZED CONSTRUCTION ENTRANCE
CA024 – SANITARY/SEPTIC WASTE MANAGEMENT	ESC34 – STORM DRAIN INLET PROTECTION
CA030 – VEHICLE AND EQUIPMENT CLEANING	
CA031 – VEHICLE AND EQUIPMENT FUELING	
CA032 – VEHICLE AND EQUIPMENT MAINTENANCE	
ESC01 – SCHEDULING	
ESC02 – PRESERVATION OF EXISTING VEGETATION	

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 MANHOLES
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-	ALLOWABLE TRENCH WIDTHS

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED 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 DATE

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, California, 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 to be notified 30 days prior to
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 Sewers 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 Requirements" as shown on Los Angeles Department of Public Works' Standard S-2.
9. Elevations are in feet above U.S.C. & G.S. sea level datum of 1929.
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 designated points. The grade shall be established so as to conform to a straight line drawn between said designated 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 to form curves or shall not have an angle of more 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.

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 section 208-2.
3. If a powerpole is within three feet of the sewer, the sewer shall be encased per standard plan S-23, 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 section 208-2.
5. House laterals to be constructed with inverts at the property line 8 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 standard plan S-23, case II, unless otherwise approved by the director of Public Works.
8. All structures shall be either brick sewer manholes per standard plan S-3 or precast concrete sewer manholes per standard plan S-36, or reinforced precast concrete manholes per standard plan S-8, except as noted.
9. resurface all tranches within paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
10. Full compliance with section 306-1.3.4. of the standard specification 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 occupancy.
11. All backfills 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 Construction Division of the Department of Public Works prior to the 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 and special provisions.

PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT NO. 52283
PRIVATE CONTRACT NO. 11402

INDEX 1754

1 SHEET; 2 PAGES

PAGE 1

54690

REGISTERED PROFESSIONAL ENGINEER — ADAM R. WRIGHT — NO. 31016 — EXP 03/31/00 — CIVIL — STATE OF CALIFORNIA

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

NOVEMBER, 1997

PREPARED IN THE OFFICES OF RBF ENGINEERING

BY: Adam Pleasant TEL NO. (714) 472-3505

REG CE No. 31016

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

LEGEND	S-1 (2000-0)
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3 (APWA/AGC 203)
REINFORCED PRECAST CONCRETE MANHOLE	S-8 (2003-0)
TRAP MANHOLE BASE	S-10 (2007-0)
STANDARD MANHOLE STEP	S-17 (2015-0)
BEDDING FOR SEWER PIPE	S-21 (2021-0)
CRADLING AND ENCASEMENT	S-23 (2023-0)
WYE OR TEE SUPPORT	S-26 (2024-0)
ALLOWABLE TRENCH WIDTHS	S-33 (2027-0)
LOCKING MANHOLE FRAME AND COVER	S-35 (APWA/AGC 210)
NON-REINFORCED PRECAST CONCRETE MANHOLES	S-36 (2001-0)
SEWERS FOR HOUSE LATERALS	S-28 (2025-0)
TRAP MANHOLE	S-10.5-18

COUNTY OF LOS ANGELES, CALIFORNIA

HARRY W. STONE
DIRECTOR OF PUBLIC WORKS

APPROVED Ronald M. Debergalis 5-12-98 (DATE)

CHECKED [signature] 5-13-98

REG. C.E. NO. 45891

FIRESTONE BUILDING DISTRICT 1

CHARLES W. CARRY
CHIEF ENGINEER
COUNTY SANITATION DISTRICT NO. 1

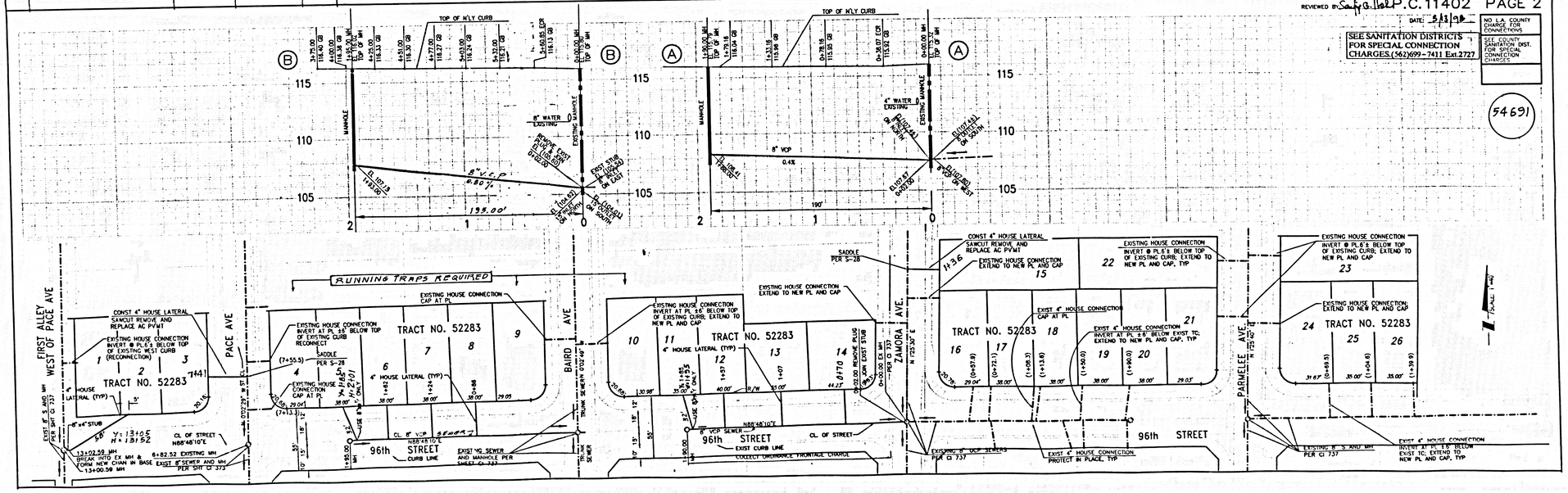
APPROVED [signature] 5-20-98
OFFICE ENGINEER

REGISTERED CIVIL ENGINEER — JAMES A. NOYES — No. 45891 — Exp 12-31-98 — STATE OF CALIFORNIA

REVIEWED BY Sanford Hall P.C. 11402 PAGE 2

DATE: 5/13/98

NO L.A. COUNTY CHARGE FOR CONNECTIONS
SEE COUNTY SANITATION DIST. FOR SPECIAL CONNECTION CHARGES

SEE SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES.(562)699-7411 Ext.2727

54691