

BENCH MARKS
 BM Y 7733 Elev. 131.942
 CITY OF LA MON FL 600MM W/O CF @ NW COR
 CENTRAL AVE & MANCHESTER AVE 47MM & 10.7M
 W/O C/L INT MKD NO 11M 130.60 ELEV.)
 WATS (2000)

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- 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.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
- 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.
- Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete waste on site until they can be disposed of as solid waste.
- Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersed by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadway 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.
- Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

- 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.
 2002-1 PRECAST REINFORCED CONCRETE MANHOLE
 2003-2 REINFORCED PRECAST CONCRETE MANHOLE
 2004-1 RECTANGULAR SHALLOW MANHOLE
 2016-1 RECTANGULAR MANHOLE FRAME AND COVER
 2018-1 STANDARD MANHOLE STEP
 2021-1 BEDDING FOR SEWER PIPE
 2023-2 CRADLING AND ENCASEMENT
 2024-1 WYE OR TEE SUPPORT
 2026-1 EROSION PROTECTION IN STEEP SLOPES
 2027-0 ALLOWABLE TRENCH WIDTHS
 8008-1 MINIMUM PUBLIC SAFETY REQUIREMENTS
- AMERICAN PUBLIC WORKS ASSOCIATION
 207-1 PRECAST REINFORCED CONCRETE MANHOLE BASE
 208-1 BREAKING INTO EXISTING MANHOLES
 210-2 MANHOLE FRAME AND COVER LOCKING TYPE
 220-2 CHIMNEYS
 221-1 PIPE ANCHORS AND BACKFILL STABILIZERS
 222-1 HOUSE CONNECTION SEWER
 223-1 HOUSE CONNECTION REMODELING

NOTES:
 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.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A COUNTY SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (626) 962-8608 SO THAT REQUIRED INSPECTION CAN BE MADE.

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

(BVI) BACKWATER VALVES MAY BE NECESSARY FOR LOTS/BUILDING/UNITS - N/A.

THIS SEWER PRIVATE CONTRACT ACCEPTED FOR PUBLIC USE

06.20.2006

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS LAND DEVELOPMENT DIVISION

PRIVATE CONTRACT SEWER GENERAL NOTES

- 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, 500 South Fremont Avenue, 8th Floor, Alhambra, at least 72 hours prior to starting work under the permit. Copies of all other required permits, such as Road Excavation, Caltrans, etc., must be filed with the permit application.
- 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.
- 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.
- 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.
- The contractor shall contact the district office listed on the "Application for Construction Permit" to arrange for an acceptable construction start date.
- 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 pipes or structures within the limits of this project. This note applies to all pages.
- 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 presented only in the presence of the Department of Public Works.
- 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 plan 8008-1.
- Excavations are to be at least above U.S.C. & G.S. sea level datum of 1929.
- No revisions shall be made in these plans without the approval of the Director of Public Works.
- No representative of the Department of Public Works shall survey or lay out any portion of the work.
- Grades to which this improvement is to be constructed are shown on plans and profiles. Grade points for top of curb, centerline of streets, or centerline of alleys, are shown by circles on profiles at all points between said design points. The grade shall be established so as to conform to a straight line drawn between said design points.
- The private engineer shall furnish the Department of Public Works with grade sheets and stationing for all house laterals and "T" or "Y" branches and shall provide stakes for them at their proper locations with stationing clearly 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 alleyways shall 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.
- 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.
- An approved backwater valve is required when the pad is lower in elevation than the top of the next upstream manhole.

CONSTRUCTION NOTES

- Provide survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
- Vitrified clay pipe joints shall be type "D" or "D" per "Standard Specifications for Public Works Construction" Section 200-2.
- If a power pipe 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.
- 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 200-2.
- House laterals to be constructed with inverts at the property line 6 feet below curb grade except as noted.
- Wye or tee branches may be used for connections to the mains sewers except as noted.
- If during the course of construction, it is determined that there is less than four feet of cover over the top of a manhole 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.
- 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.
- Reinforce all trenches within paved areas to meet Department of Public Works or California State Highway requirements in accordance with the permits.
- 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 composition, and sand equivalent by a qualified civil engineer shall be provided by the permittee prior to the issuance of a certificate of partial completion.
- All backfill and fill outside of the street right of way shall be composed of 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.
- Manhole tops in unimproved rights of way to be six inches above finished grade.
- Sewers to be installed for depths per section 306-1.4 of the "Standard Specifications for Public Works Construction" and "Special Provisions for the Construction of Sanitary Sewer".
- Manhole tops in improved rights of way to be level with finished grade.
- Manholes and/or house laterals are to be located at least 6' apart and when possible not closer than 5' to any manhole.

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS
 TO BE CONSTRUCTED IN
 82 ND STREET E/O NAOMI AVE PC NO. 11856
 1 SHEETS: 2 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX S-1753

DONALD L. WOLFE ACTING DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY *[Signature]* 5/25/05
 ASSISTANT DIVISION ENGINEER DATE
 SUBMITTED BY *[Signature]* 5/25/05
 SUBDIVISION PLAN CHECKING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT OF LOS ANGELES, CALIF.
JAMES F. STAHL - CHIEF ENGINEER AND GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 1
 BY *[Signature]* DATE: 6/1/05
 OFFICE ENGINEER

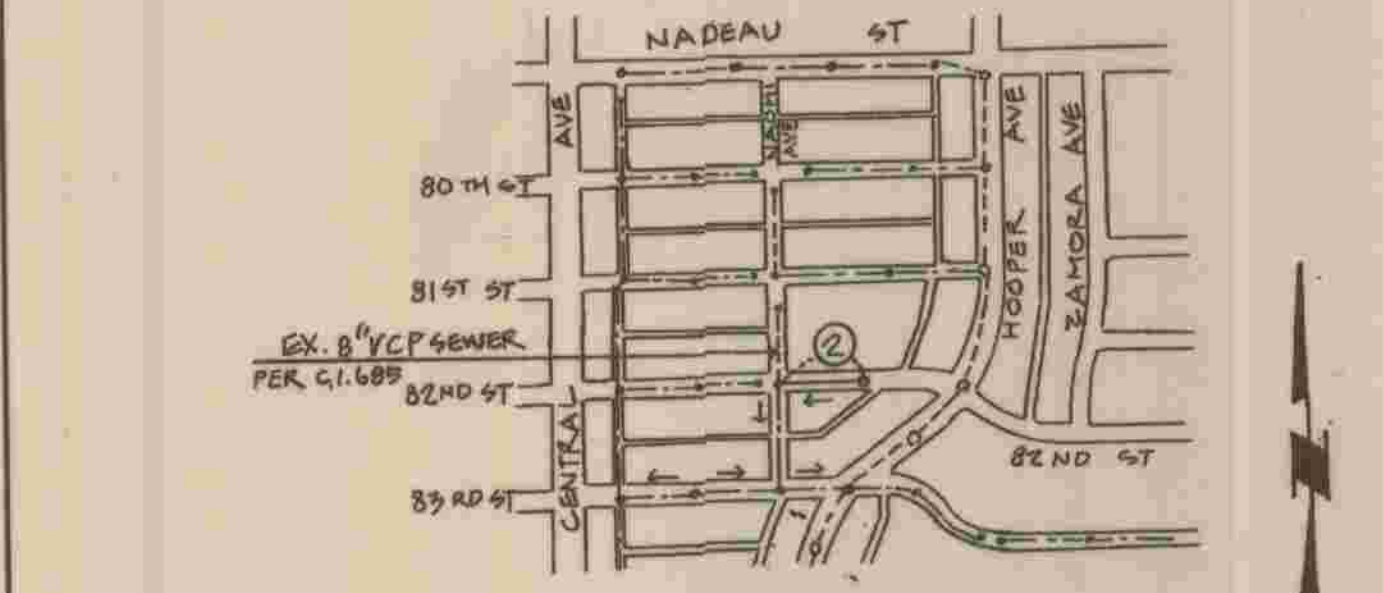
PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

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 1-805-848-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

Richard Garcia 4-19-05
 PROJECT ENGINEER RCE NO 20546 DATE

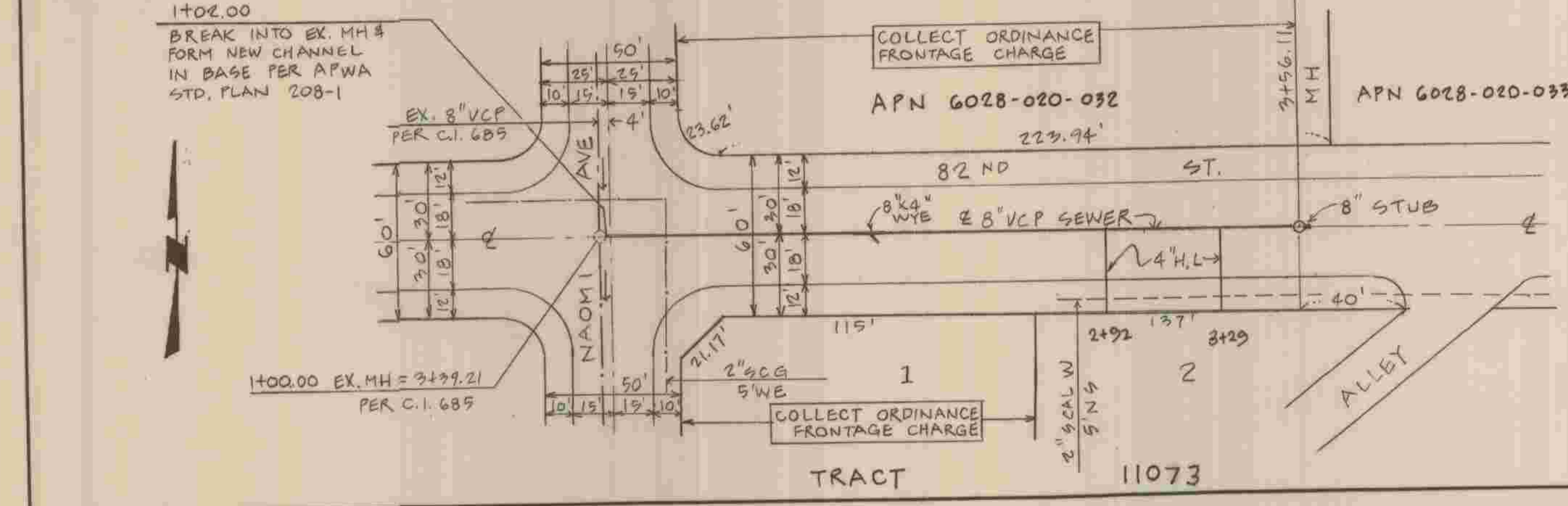
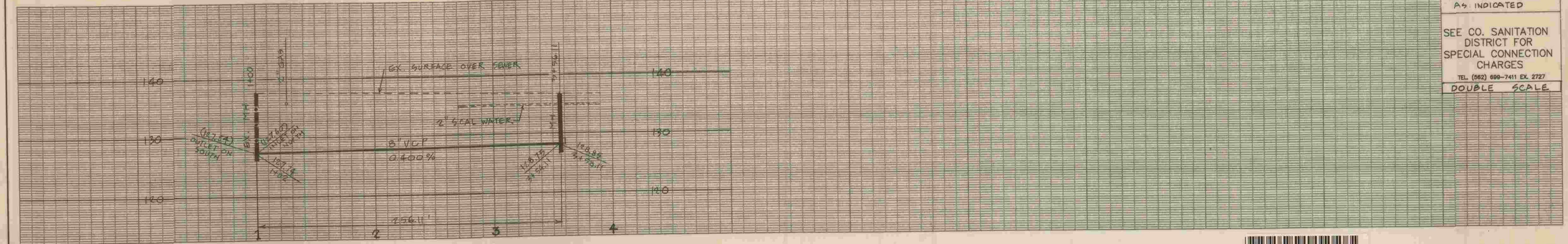
P.C. 11856 PAGE 2

COLLECT CHARGES AS INDICATED
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL (626) 969-7411 EX. 2727
 DOUBLE SCALE



INDEX MAP S-1753
 SCALE: 1" = 80'
 P.C. 11856 SEWER IN 82ND ST E/O NAOMI AVE
 THOMAS GUIDE PAGE: 704 F-2

NO.	REVISION	REVISED BY	APPROVED BY	DATE



RECORD PLANS



SANITARY SEWER PLANS IN
 82 ND ST. E/O NAOMI AVE P.C. No. 11856
 REVIEWED BY LAND DEVELOPMENT DIVISION
 BY *[Signature]* 5-25-05
 SUBDIVISION PLAN CHECKING SECTION DATE
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
 PLANS PREPARED BY:
RICHARD GARCIA
 2330 WESTWOOD BLVD. SUITE 200
 LOS ANGELES, CA. 90064
 (310) 446-6262



Richard Garcia 4-19-05
 PROJECT ENGINEER DATE DWG

PLAN
 SCALE: 1" = 40'

