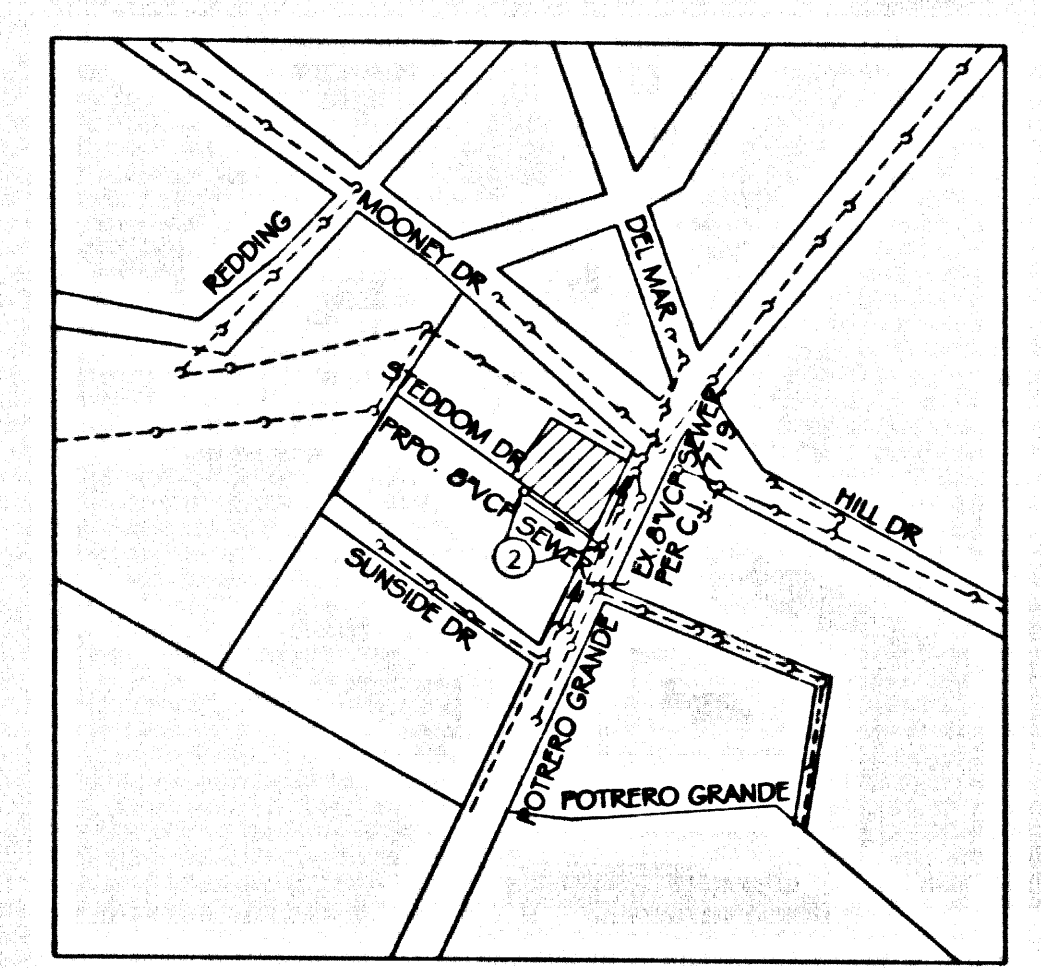


BENCH MARKS
BENCHMARK
 ELEV. 334.881
 BASELINE
 RD#M TAG IN N CB 300MM W/O BCR @ NW
 COR HILL DR & SAN GABRIEL BLVD 35M W
 & 12.5M N/O C/A INT
 BM Y 7758 QUAD 1995



INDEX MAP
 SCALE: 1"=600'

THOMAS QUDE PAGE: INDEX
 PC 11647
 PARCEL MAP NO. 25929
 E-2020
 NOTE: NUMBER IN CIRCLE INDICATES ALL MAIN LINE SEWER ARE WITHIN SANITARY SEWER EASEMENT PAGE NUMBER.

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1				

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

- CA201 - Dewatering Operations**
 CA202 - PAVING OPERATIONS
 CA203 - STRUCTURE CONSTRUCTION AND PAINTING
 CA210 - MATERIAL DELIVERY AND STORAGE
 CA220 - SOLID WASTE MANAGEMENT
 CA221 - HAZARDOUS WASTE MANAGEMENT
 CA230 - CONCRETE WASTE MANAGEMENT
 CA231 - VEHICLE AND EQUIPMENT CLEANING
 CA232 - VEHICLE AND EQUIPMENT FUELING
 CA233 - VEHICLE AND EQUIPMENT MAINTENANCE
 ESC01 - SCHEDULING
 ESC02 - PRESERVATION OF EXISTING VEGETATION
- ESC10 - SEEDING AND PLANTING**
 ESC11 - MULCHING
 ESC20 - GEOTEXTILES AND MATS
 ESC21 - DUST CONTROLS
 ESC22 - TEMPORARY STREAM CROSSING
 ESC23 - CONSTRUCTION ROAD STABILIZATION
 ESC24 - STABILIZED CONSTRUCTION ENTRANCE
 ESC54 - STORM DRAIN INLET PROTECTION

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

APMA 208-1 BREAKING INTO EXISTING MANHOLES
 APMA 210-2 MANHOLE FRAME AND COVER LIFTING TYPE
 APMA 222-1 HOUSE CONNECTION SEWER
 APMA 223-1 HOUSE CONNECTION SEWER PLANS AND PROFILES AND DISTRICT MAPS
 2002-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
 2021-1 BEDDING FOR SEWER PIPE
 2021-1 WYE OR TEE SURVEY
 2022-1 ALLOWABLE TRENCH WIDTHS
 2023-1 REINFORCED PRECAST CONCRETE MANHOLE
 2018-1 STANDARD MANHOLE STEP
 6008-1 MINIMUM PUBLIC SAFETY REQUIREMENTS

NO CONNECTION FOR DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNLESS A PERMIT FOR INDUSTRIAL WASTE WATER 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 (626)962-8600 SO THAT REQUIRED INSPECTION CAN BE MADE.

BACKWATER VALVES MAY BE NECESSARY FOR LOT 4.
 MAINTAIN SEWER FLOW AT ALL TIMES DURING CONSTRUCTION

PRIVATE CONTRACT SEWER GENERAL NOTES

- The following general notes are to be included on Page 1 of all Private Contract Sewer Plans:
- A sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the Department of Public Works of 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.
 - 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 the start of work.
 - 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 pipe or structure 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 Sewers" and shall be prosecuted 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 5-2.
 - Elevations are in feet above U.S.C. & G.S. sea level datum of 1929.
 - No revisions shall be made in three plans without the approval of the Director of Public Works.
 - No representative of the Department of Public Works will 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 curbs, centerline of streets, or centerline of alleys, are shown by circles on profiles of all points between designated points. The grade shall be established so as to conform to a straight line drawn between said designated points.
 - The private engineer shall furnish the Department of Public Works with ground stakes for all house laterals and "Y" or "T" branches and shall provide stakes for them at their proper locations with staking pins marked. All house laterals shall be constructed in a straight alignment of right line at an angle of less than 45 degrees with the M.L. sewer. House laterals from changes shall not be 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.

- 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.
 - Victorized clay pipe joints shall be type "D" or "G" per standard specifications section 208-2.
 - If a pipe is within three feet of the sewer, the sewer shall be encased per standard plan 5-23, case II, two feet on each side from the point of interference.
 - All joints between cast iron pipe and victorized clay shall be made with a rubber sleeve joint, type "D" (with bushing if necessary) per standard specifications section 208-2.
 - House laterals to be constructed with inserts at the property line 6 feet below curb grade except as noted.
 - Wye or tee branches may be used for connections to the main sewer 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 VCP sewer which is not indicated on the plans, the pipes shall be encased per standard plan 5-23, case II, unless otherwise approved by the Director of Public Works.
 - All structures shall be either brick sewer manholes per standard plan S-3 or precast concrete sewer manholes per standard plan S-16, or reinforced precast concrete manhole per standard plan S-16, except as noted.
 - Resurface of trenches within paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
 - Full compliance with section 306-1.3.4 of the standard specifications shall be required for backfill in street certification of all a certificate of partial acceptance.
 - All backfill and fill 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.
 - Manhole tops in unimproved rights of way to be six inches above finished grade.
 - Sewers to be tested for leakage per section 308-1.7.4 of the standard specifications and special provisions.
 - Manhole tops in improved right-of-way to be level with finish grade.
 - All wyes and/or house laterals are to be located at least 5 ft apart and when possible not closer than 5ft to any manhole.

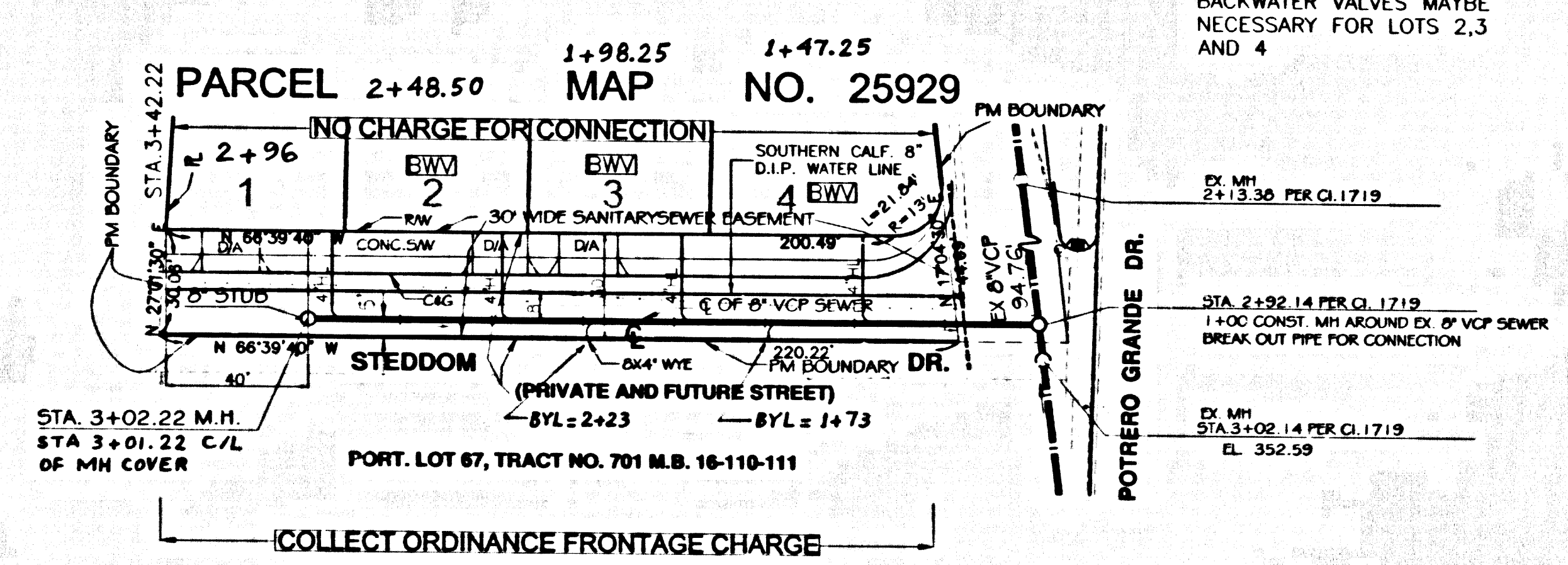
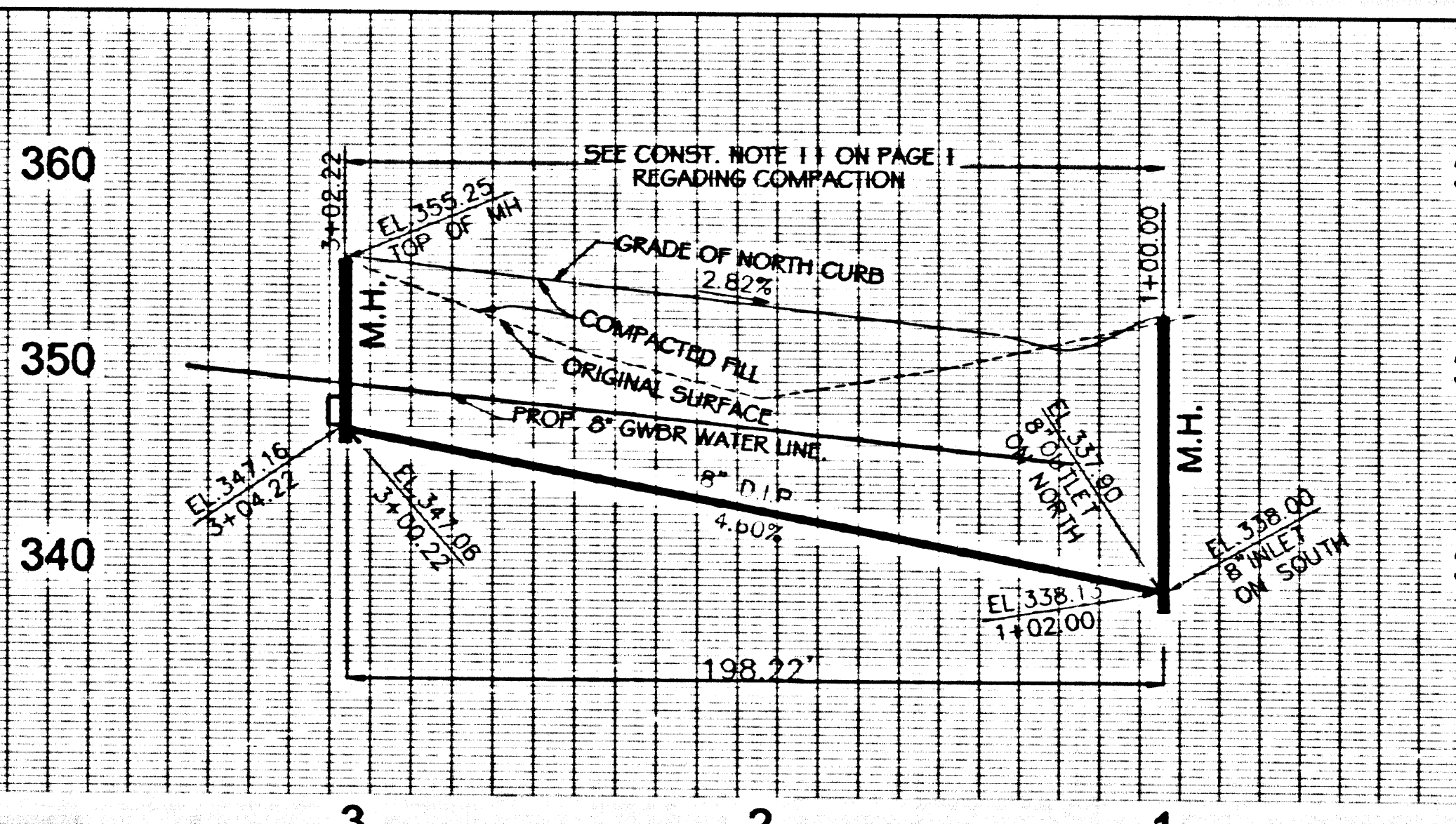
PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS

TO BE CONSTRUCTED IN THE SANITARY SEWER RIGHT OF WAY OF PARCEL MAP NO. 25929 PC NO. 11647
 1 SHEET: 2 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX E-2020

JAMES A. NOYES DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: Dennis Hunter 9/30/02
 ASSISTANT DIVISION ENGINEER DATE
 SUBMITTED BY: [Signature] 9/30/02
 SUBDIVISION PLAN CHECKING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT OF LOS ANGELES CALIF. 55976
 JAMES F. STAHL - CHIEF ENGINEER AND GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 15
 BY: [Signature] DATE: 9/11/02
 OFFICE CHIEF

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.
 [Signature] DATE: 9-19-02



PC. 11647 PAGE 2
 COLLECT CHARGES AS INDICATED
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL (626) 699-7411 EX. 2727

SANITARY SEWER PLANS IN PARCEL MAP NO. 25929 PC 11647

REVIEWED LAND DEVELOPMENT DIVISION
 BY: [Signature] 9/19/02
 SUBDIVISION PLAN CHECKING SECTION DATE
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

TRITECH ASSOCIATES, INC.
 SUBDIVISION SURVEY ENGINEERING DESIGN
 155 N. SAN GABRIEL BLVD.
 SAN GABRIEL, CA 91715
 TEL: (626) 510-4110

SUBJECT MAP NO. 25929 PC NO. 11647