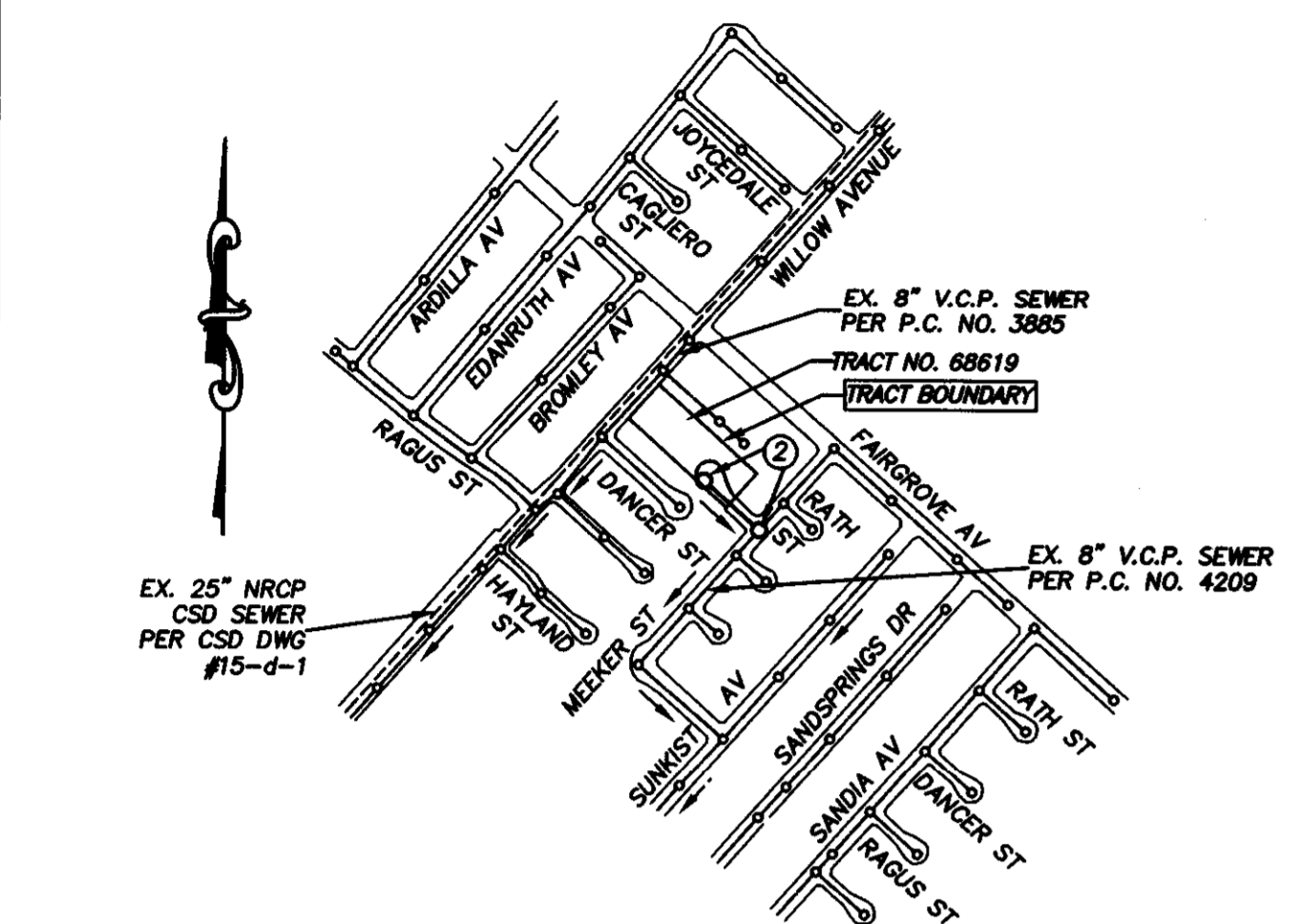


BENCH MARKS
 BM G4873 Elev. 338.752
 DPW BM TAG IN S 08 FRANCISQUITO AVE 11.5M(37.7)
 W/O BCR 9M(30FT) S/O C/L & 27.5M(90FT)
 W/O C/L WILLOW AVE
 NAVD 88 DATUM COVINA 2005

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.

- STORMWATER POLLUTION PLAN NOTES**
- Every effort should be made to eliminate the discharge of non-stormwater from the project site at all times.
 - 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 labeling 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 dispersal 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.
 - The following BMPs as outlined in, but not limited to, the latest edition of the California BMP Handbook (Construction) or California Stormwater Quality Handbooks (Construction Site BMP Manual), may apply during the construction of this project (additional measures may be required if deemed appropriate by the Project Engineer or the Building Official)



INDEX MAP
 SCALE: 1" = 600' CSDM INDEX E-2216
 BUILDING AND SAFETY DISTRICT OFFICE: LA PUENTE
 RATH ST. SOUTH OF FAIRGROVE AVE.
 NOTES: NUMBER IN CIRCLE INDICATES PAGE NUMBER.
 ALL MAINLINE SANITARY SEWERS ARE WITHIN THE SANITARY SEWER EASEMENT (IF APPLICABLE)
 P.C. 12008 TRACT NO. 68619
 THOMAS GUIDE PAGE: 638-63

- EROSION CONTROL**
- E01 SCHEDULING
 - E02 PRESERVATION OF EXISTING VEGETATION
 - E03 HYDRAULIC MULCH
 - E04 HYDROSEEDING
 - E05 SOIL BINDERS
 - E06 STRAW MULCH
 - E07 GEOTEXTILES & MATS
 - E08 WOOD MULCHING
 - E09 EARTH COVERS AND DRAINAGE SWALES
 - E10 VELOCITY DISSIPATION DEVICES
 - E11 SLOPE DRAINS
 - E12 STRAWBANK STABILIZATION
 - E13 RESERVED
 - E14 COMPOST BLANKETS
 - E15 SOIL PREPARATION/TOUCHING UP
 - E16 NON-VEGETATED STABILIZATION
- NON-STORM WATER MANAGEMENT**
- N01 WATER CONSERVATION PRACTICES
 - N02 DETERIORATION OPERATIONS
 - N03 PAVING AND GRADING OPERATIONS
 - N04 TEMPORARY STREAM CROSSING
 - N05 CLEAR WATER DIVERSION
 - N06 ELIOT CONNECTION/DISCHARGE
 - N07 POTABLE WATER IRRIGATION
 - N08 VEHICLE AND EQUIPMENT CLEANING
 - N09 VEHICLE AND EQUIPMENT FUELING
 - N10 VEHICLE AND EQUIPMENT MAINTENANCE
 - N11 PILE DRIVING OPERATIONS
 - N12 CONCRETE CURING
 - N13 CONCRETE FINISHING
 - N14 MATERIAL AND EQUIPMENT USE
 - N15 DEMOLITION ADJACENT TO WATER
 - N16 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 SANITARISEPTIC 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 SHADING BARRIER
 - SE9 STRAW BALE BARRIER
 - SE10 STORM DRAIN INLET PROTECTION
 - SE11 ACTIVE TREATMENT SYSTEMS
 - SE12 TEMPORARY SILT DIKE
 - SE13 COMPOST SOCKS & BERMS
 - SE14 BIOFILTER BAGS
- WIND EROSION CONTROL**
- WE1 WIND EROSION CONTROL
- EQUIPMENT TRACKING CONTROL**
- TC1 STABILIZED CONSTRUCTION ENTRANCE EXIT
 - TC2 STABILIZED CONSTRUCTION ROADWAY
 - TC3 ENTRANCE/EXIT TIRE WASH

- 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 Logans for sanitary sewer plans and profiles and district maps.
 - 2000-1 Precast concrete shallow manhole.
 - 2000-2 Reinforced precast concrete manhole.
 - 2004-1 Rectangular shallow manhole.
 - 2014-1 Rectangular manhole frame and cover.
 - 2015-1 Standard manhole step.
- STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)**
- 207-2 Precast reinforced concrete manhole base
 - 208-2 Breaking into existing manholes
 - 210-3 Manhole frame and cover locking type
 - 220-3 Chimes
 - 2021-4 Bedding for sewer pipe.
 - 2023-2 Cradling and encasement.
 - 2024-1 WYE or TEE support.
 - 2026-1 Erosion protection on steep slopes.
 - 2027-1 Allowable trench widths.
 - 8008-1 Minimum public safety requirements.
 - 2100-1 Requirement's for sanitary sewers near water mains
 - 221-2 Pipe anchors and backfill stabilizers
 - 222-2 House connection sewer
 - 223-2 House connection remodeling
 - 225-2 Blanket protection for pipes

- COUNTY SANITATION DISTRICT (CSD) 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.
 - Prior to final acceptance of the project, notify CSD's Superintendent of Maintenance at (310) 468-1161 to report completion of construction of this local sewer that indirectly connects to the CSD sewer system.

NOTES:
 Any damage to the sewer line shall be the responsibility of the contractor. 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.

NO.	REVISION	REVISED BY	APPROVED BY	DATE

- 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 County of Los Angeles Department of Public Works, at least 12 hours prior to starting work under the permit. Copies of all other required permits, such as road excavation, California, etc., must be filed with the permit application.
 - When work is within a project city, a sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the City. The contractor must contact the Director of Public Works of that city to determine the location to pay the inspection fees.
 - 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 or both as applicable. The County of Los Angeles 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. 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 Department of Public Works does not constitute a representation as to accuracy of the location of the existence or nonexistence 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 amendments (if there is any), the latest "Additions and Amendments to the Standard Specifications for Public Works Construction", and the latest "Special Provisions for the Construction of Sanitary Sewers" and shall be prosecuted only in the presence of the County of Los Angeles Department of Public Works Standard Plan No. 6000-1.
 - 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 County of Los Angeles Department of Public Works Standard Plan No. 6000-1.
 - Elevations are in feet above U.S.C. and G.S. sea level datum of 1988.
 - No revisions shall be made in these plans without the approval of the County of Los Angeles Department of Public Works.
 - No representative of the County of Los Angeles Department of Public Works will survey or layout any portion of the work.
 - Grades to which this improvement is to be constructed are shown on plans and profiles. Grade point for top of curbs, centerline of streets, or centerline of alleys, is 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.
 - The private engineer shall furnish the County of Los Angeles Department of Public Works with grade sheets and staking for all house laterals and "Y" and "T" branches and shall provide stakes for them at their proper locations with warning signs 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 driveways 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.
 - 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.
 - Contact Environmental Programs Division for an Industrial Waste Discharge Permit at (626) 458-3517.

- CONSTRUCTION NOTES**
- Perform survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
 - Verified clay pipe joints shall be type "D" or "G" per "Standard Specifications for Public Works Construction" Section 208-2.
 - 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.
 - 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.
 - 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 mainline pipe 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 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 County of Los Angeles Department of Public Works.
 - All structures shall be either brick sewer manholes per LACDPW Standard Plan S-3 (SPPWC 203-1), or precast concrete sewer manholes per LACDPW Standard Plan S-3 (SPPWC 203-3), or reinforced precast manholes per LACDPW Standard Plan 2005-2, except as noted.
 - Resurface 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 of the "Standard Specifications for Public Works Construction" will be required for backfill in street. Certification of backfill, completion, and sand equivalents by a qualified Civil Engineer shall be provided by the permittee prior to the issuance of a Certificate of Partial Acceptance.
 - All backfill and fill outside of the street right of way shall be compacted to 98 percent of the minimum density as determined by ASTM Soil Compaction Test D 1557-78, Method "D", unless otherwise specified. This shall be certified by a competent Civil Engineer. This certification shall be submitted to the Land Development Division, Permit Section of the County of Los Angeles 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.
 - Speyers to be tested for leakage per Section 306-1.4 of the "Standard Specification for Public Works Construction" and "Special Provisions for the Construction of Sanitary Sewer" if applicable.
 - Manhole tops in improved rights of way to be level with finished grade.
 - All wyes and/or house laterals are to be located at least 5 feet apart, and when possible, not closer than 5 feet to any manhole.
 - All pipe materials shall be vitrified clay pipe or ductile iron pipe or other approved materials by the County of Los Angeles Department of Public Works.

AS-BUILT PLAN DATED 04/05/2017

NOTICE TO CONTRACTOR:

MAINTAIN FLOW AT ALL TIMES DURING CONSTRUCTION.

SEWER VIDEO OF ALL SEGMENTS SHALL BE SUBMITTED PRIOR TO PARTIAL FIELD ACCEPTANCE (85%) AND COMPLETED FIELD ACCEPTANCE (88%). FINAL MAP AND AS-BUILT SEWER PLANS SHALL BE SUBMITTED PRIOR TO PARTIAL FIELD ACCEPTANCE

ALL SANITARY SEWER MANHOLE SHAFTS AND FRAMES SHALL BE WATER TIGHT.

SEWER LATERALS SHOWN ON PLANS ARE FOR REFERENCE ONLY.

PROFILE, ALIGNMENT, AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN
 CITY OF LA PUENTE
 TRACT NO. 68619
 PC NO. 12008
 1 SHEETS: 2 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 CSDM INDEX E-2216

GAIL FARBEN L.A. COUNTY DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: *[Signature]* 3/4/15
 ASSISTANT DIVISION ENGINEER DATE
 SUBMITTED BY: *[Signature]* 3/2/15
 SEWER AND WATER/LANDSCAPING SUBDIVISION PLAN CHECKING SECTION DATE

COUNTY SANITATION DISTRICT NO. 15
 OF LOS ANGELES COUNTY, CALIFORNIA
 GRACE ROBINSON HYDE - CHIEF ENGINEER and GENERAL MANAGER
 APPROVED BY: *[Signature]* DATE: 3-2-2015
 COUNTY ENGINEER

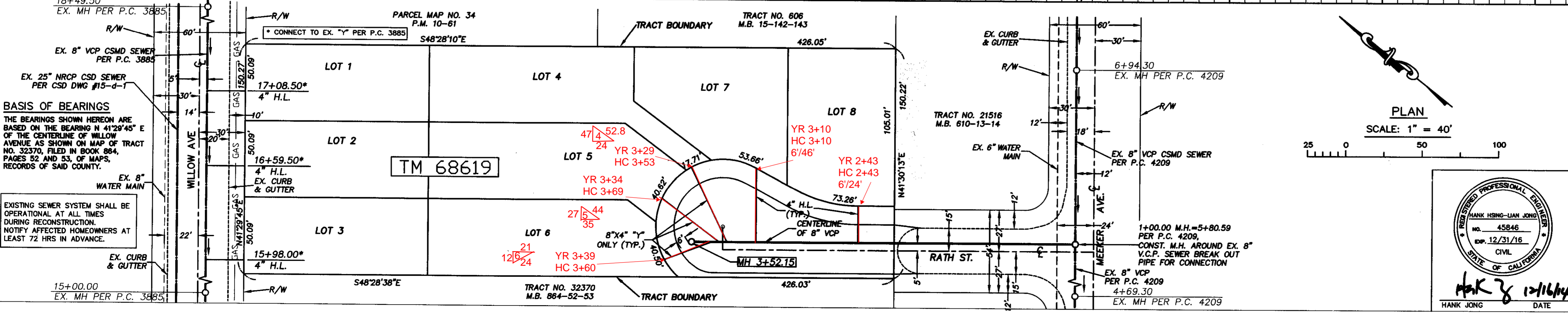
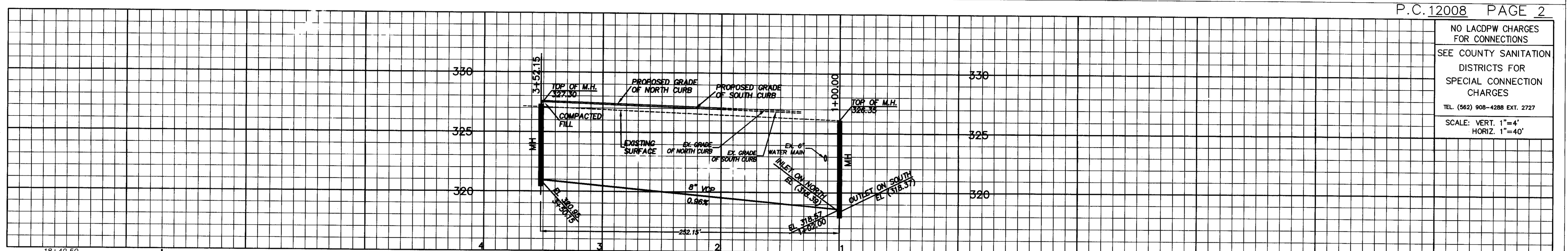
CITY OF INDUSTRY APPROVAL
 APPROVED BY: *[Signature]* DATE: 12-17-14
 JOHN D. WALKER CITY ENGINEER

CITY OF WEST COVINA APPROVAL
 APPROVED BY: *[Signature]* DATE: 12-18-14
 CHIEF 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 1-800-422-4333 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-805-946-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

HANK JONG RCE NO. 45846
 DATE: 12/16/14



NO LACDPW CHARGES FOR CONNECTIONS
 SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
 TEL: (562) 908-4288 EXT. 2727
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'

NO. REVISION REVISED BY APPROVED BY DATE

SANITARY SEWER PLANS IN TRACT NO. 68619 P.C. 12008

REVIEWED BY LAND DEVELOPMENT DIVISION
 BY: *[Signature]* DATE: 2/24/15
 SEWER AND WATER/LANDSCAPING SUBDIVISION PLAN CHECKING SECTION

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

EGL ASSOCIATES, INC.
 11819 GOLDRING ROAD, UNIT A
 ARCADIA, CA 91006
 TEL: (626) 263-3588 E-MAIL: MAIL@EGL88.COM

HANK HUNG - JUN JONG
 RCE NO. 45846
 DATE: 12/31/16
 CIVIL ENGINEER

HANK JONG DATE: 12/16/14

180517 01888 0M TCAST