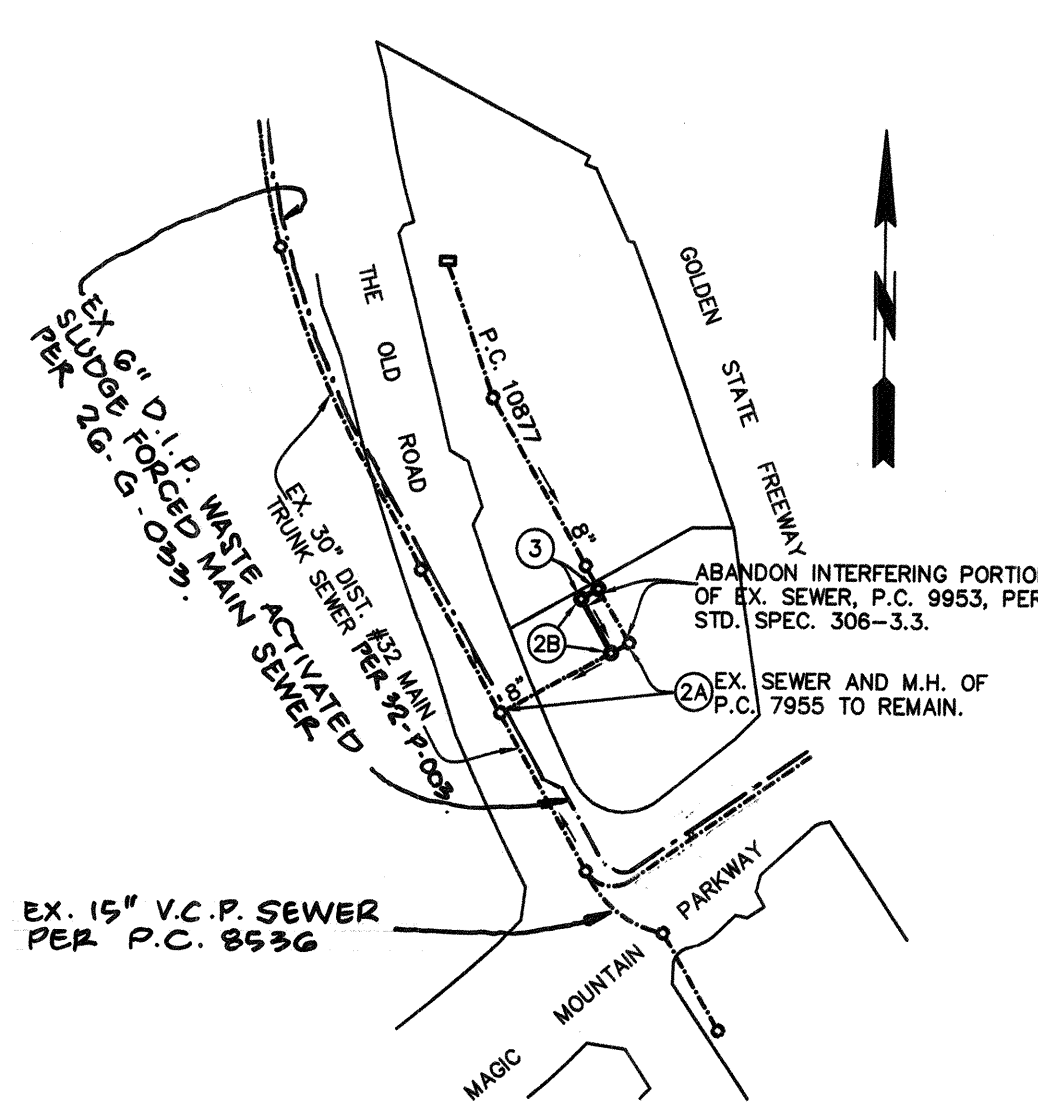


BENCH MARK

L 7071 ELEV. = 1093.805 FT

L&L CO DPW TAG, NW COR 'THE OLD ROAD' & MAGIC MTN PKWY, @ SW END OF WHEEL CHAIR RAMP (NAVD 88 DATUM)

NEWHALL QUAD 2009 ADJUSTMENT



INDEX MAP

BUILDING AND SAFETY DISTRICT OFFICE: VALENCIA SCALE: 1" = 300' CSMD INDEX: 1256

NOTES: NUMBER IN CIRCLE INDICATES PAGE NUMBER. ALL MAINLINE SANITARY SEWERS ARE WITHIN THE SANITARY SEWER EASEMENT. P.C. 12322 THOMAS GUIDE PAGE: 4550-C-2

Table with 5 columns: NO., REVISION, REVISED BY, APPROVED BY, DATE. It contains one row for revision 1.

STORMWATER POLLUTION PLAN NOTES

- A. NOTES: 1. Eroded sediments and other pollutants must be retained on site... 2. Stockpiles of earth and other construction related materials must be protected... 3. Fuels, oils, solvents, and other toxic materials must be stored in accordance with their listing... 4. Containers are to be protected from the weather... 5. Trash and construction related solid wastes must be deposited into a covered receptacle... 6. Sediments and other materials may not be tracked from the site by vehicle traffic... 7. Any slopes with disturbed soils or denuded of vegetation must be stabilized... 8. The following BMPs 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...

- EROSION CONTROL: EC-1 Scheduling, EC-2 Preservation of Existing Vegetation, EC-3 Hydraulic Mutch, EC-4 Hydroseeding, EC-5 Soil Binders, EC-6 Straw Mutch, EC-7 Geotextiles and Mats, EC-8 Wood Mulching, EC-9 Earth Dikes and Drainage Swales, EC-10 Velocity Dissipation Swales, EC-11 Slope Drains, EC-12 Streambank Stabilization, EC-13 Polycrylamide, TEMPORARY SEDIMENT CONTROL: SE-1 Silt Fence, SE-2 Sediment Basin, SE-3 Sediment Trap, SE-4 Check Dams, SE-5 Fiber Rolls, SE-6 Gravel Bag Berm, SE-7 Street Sweeping and Vacuuming, SE-8 Sandbag Barrier, SE-9 Straw Bale Barrier, SE-10 Storm Drain Inlet Protection, SE-11 Chemical Treatment, WIND EROSION CONTROL: WE-1 Wind Erosion Control, NON-STORM WATER MANAGEMENT: NS-1 Water Conservation Practices, NS-2 Dewatering Operations, NS-3 Paving and Grinding Operations, NS-4 Temporary Stream Crossing, NS-5 Clear Water Diversion, NS-6 Illicit Connection/Discharge, NS-7 Portable Water/Irrigation, NS-8 Vehicle and Equipment Cleaning, NS-9 Vehicle and Equipment Fueling, NS-10 Vehicle and Equipment Maintenance, NS-11 Pile Driving Operations, NS-12 Concrete Curing, NS-13 Concrete Finishing, NS-14 Material Over Water, NS-15 Demolition Adjacent to Water, NS-16 Temporary Batch Plants, EQUIPMENT TRACKING CONTROL: TR-1 Stabilized Construction Entrance/Exit, TR-2 Stabilized Construction Roadway, TR-3 Entrance/Outlet Tire Wash, WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL: WM-1 Material Delivery and Storage, WM-2 Material Use, WM-3 Stockpile Management, WM-4 Soil Prevention and Control, WM-5 Solid Waste Management, WM-6 Hazardous Waste Management, WM-7 Contaminated Soil Management, WM-8 Concrete Waste Management, WM-9 Sanitary/Septic Waste Management, WM-10 Liquid Waste Management

- 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 Legends for sanitary sewer plans and profiles and district maps, 2002-1 Precast concrete shallow manhole, 2003-2 Reinforced precast 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): 207-1 Breakup reinforced concrete manhole base, 208-1 Breaking into existing manholes, 210-2 Manhole frame and cover locking type, 220-2 Chimneys, COUNTY SANITATION DISTRICTS (CSD) NOTES: 1. 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. 2. Prior to final acceptance of the project, notify the CSD superintendent of maintenance at (661) 257-4809 to report completion of the local sewer that indirectly connects to the CSD sewer system.

- NOTES: Any damage to the sewer line shall be the responsibility of the contractor/owner. 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. EXISTING SEWER SYSTEM SHALL BE OPERATIONAL AT ALL TIMES DURING RECONSTRUCTION. NOTIFY AFFECTED PROPERTY OWNERS AT LEAST 72 HRS IN ADVANCE. The developer shall be responsible for the continued maintenance of PC12322 sanitary sewer until the County formally accepts it for maintenance. All mainline, manholes and laterals shall be protected from damage and infiltration. MAINTAIN SEWER FLOW AT ALL TIMES DURING CONSTRUCTION. SEWER VIDEO OF ALL SEGMENTS SHALL BE SUBMITTED PRIOR TO PARTIAL FIELD ACCEPTANCE (85%) AND COMPLETED FIELD ACCEPTANCE (85%). FINAL MAP AND AS-BUILT SEWER PLANS SHALL BE SUBMITTED PRIOR TO PARTIAL FIELD ACCEPTANCE. THE BEARINGS OF NORTH 29° 52' 28" WEST OF THE SOUTH-WESTERLY LINE OF PARCEL 1 OF PARCEL MAP NO. 11859 AS SHOWN ON DOCUMENT RECORDED JANUARY 27, 2015 AS INSTRUMENT NO. 2015009897 OF OFFICIAL RECORDS OF LOS ANGELES COUNTY WAS TAKEN AS THE BASIS OF BEARING FOR THIS SURVEY.

AS-BUILT PLAN DATED 6-11-2020

DO NOT ACCEPT THIS P.C. 12322 UNTIL THE REQUIRED SEWER EASEMENT AS INDICATED ON PAGE 2 AND 3 HAS BEEN DEDICATED.

All sanitary sewer manhole shafts and frames shall be water tight Butyl Rubber Mastic joint sealing compound or approved equal by the LA County Public Works.

PRIVATE CONTRACT SEWER NOTES

- 1. 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 the Permit Counter, 500 South Fremont Avenue, 9th 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. When work within a contract 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. 3. 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 County of Los Angeles named as the Certificate Holder or both as applicable. The County of Los Angeles shall be notified 30 days prior to start of the insurance policy. 4. 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. 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 the existence or nonexistence of any underground utility pipe or structure within the limits of this project. This note applied to all pages. 7. All work shall be in accordance with the latest approved edition of the "Standard Specification for Public Works Construction" including supplements (if there is any) in the "Minimum Public Safety Requirement" as shown on County of Los Angeles Department of Public Works Standard Plan No. 9008-1. 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 County of Los Angeles Department of Public Works Standard Plan No. 9008-1. 9. Elevations are in feet above U.S.C. and G.S. sea level datum of 1988. 10. No revisions shall be made in these plans without the approval of the County of Los Angeles. 11. No representative of the County of Los Angeles will survey or layout any portion of the work. 12. Grades to which this improvement is to be constructed are shown on plans and profiles. Grade point for top of curb, 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. 13. The private engineer shall furnish the County of Los Angeles with grade sheets and stationing for all house laterals and 1/2" and 3/4" branches and shall provide stakes for them at their proper location with stationing marked. All house laterals shall be constructed in a straight 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. 16. Contact Environmental Programs Division for an Industrial Waste Discharge Permit at (626) 458-3517.

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. Verified clay pipe joints shall be type "D" or "G" per "Standard Specifications for Public Works Construction" Section 208-2. 3. 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. 4. All joints between cast-iron pipe and verified clay pipe 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 County of Los Angeles. 8. 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 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 305-1.3 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 fill outside of the street right of way shall be compacted to 80 percent of the maximum density as determined by ASTM Soil Compaction Test D1557-75, Method "D", unless otherwise specified. This shall be certified by a qualified Civil Engineer. The certification shall be submitted to the Engineering Division, Permit Section of the County of Los Angeles prior to the acceptance of the work by the County of Los Angeles. 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 Specification for Public Works Construction" and "Special Provisions for the Construction of Sanitary Sewers" if applicable. 14. Manhole tops in improved rights of way to be level with finished grade. 15. 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. 16. All pipe materials shall be verified clay pipe or ductile iron pipe or other approved materials by the County of Los Angeles. 17. All ductile iron pipe shall be lined with Protecto 401 Ceramic Epoxy lining. 18. Cured in place pipe liner shall be used for all extra verified clay pipe if lining is required. 19. All Chimneys shall have terminal cleanout structure per SPPWC std. plan 204-2.

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 THE 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 CLUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-805-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

PROJECT ENGINEER: [Signature] 42399 DATE: 29 Oct 17

PROFILE, ALIGNMENT, AND GRADE OF SANITARY SEWERS TO BE RELOCATED AND RECONSTRUCTED IN REFERENCE PC NO. 12322 N/O Magic Mtn. Pkwy. and E/O The Old Road 2 SHEETS: 3 PAGES COUNTY OF LOS ANGELES CSMD INDEX 1256

MARK PRESTRELLA LA COUNTY ACTING DIRECTOR OF PUBLIC WORKS APPROVED BY LAND DEVELOPMENT DIVISION

BY: [Signature] 10/31/17 DATE

12 SUBMITTED: [Signature] 10/31/17 DATE

SEWER AND FINAL MAP/LANDSCAPING SUBDIVISION PLAN CHECKING SECTION

COUNTY SANITATION DISTRICT 32 OF LOS ANGELES COUNTY, CALIFORNIA GRACE ROBINSON HYDE, CHIEF ENGINEER AND GENERAL MANAGER

APPROVED BY: [Signature] DATE: 11/14/17

OFFSENIOR ENGINEERING COUNTER

PREPARED IN THE OFFICES OF CRC ENTERPRISES 27600 BOUQUET CANYON ROAD #200 SANTA CLARITA, CA. 91350

BY: [Signature] DATE: 29 Oct 17

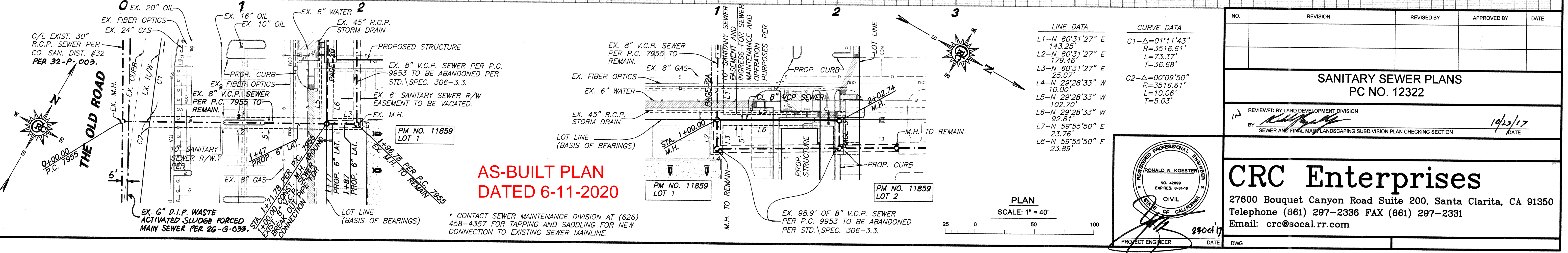
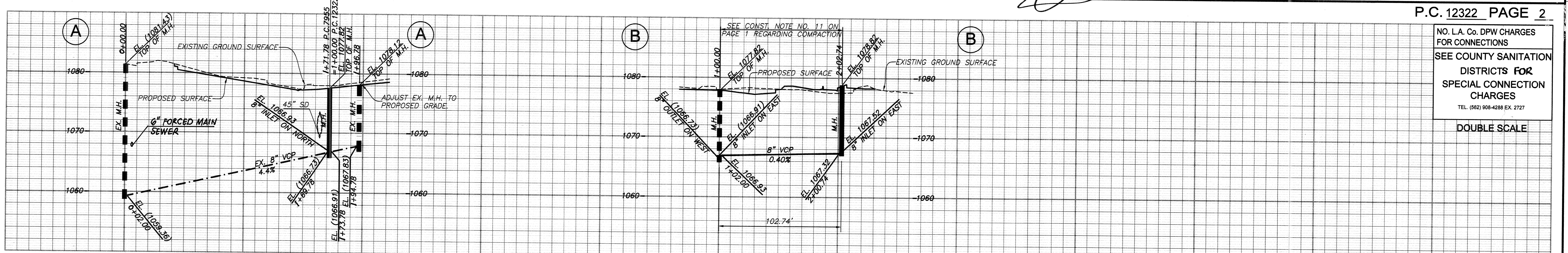
RON KOESTER RCE 42369

ENGINEER'S/SURVEYOR'S STATEMENT REGARDING THE PRESENCE OF MONUMENTS WITHIN PROJECT LIMITS

I HEREBY ATTEST THAT I HAVE LOCATED AND REFERENCED ON THESE PLANS THE MONUMENTS EXISTING PRIOR TO CONSTRUCTION TO ENSURE PERPETUATION OF THEIR LOCATION IN ACCORDANCE WITH SECTION 88771 OF THE BUSINESS AND PROFESSIONS CODE. I FURTHER ATTEST THAT I HAVE PERFORMED A RECORD SEARCH AND FIELD INSPECTION TO IDENTIFY EXISTING MONUMENTS; SHALL SET SUFFICIENT CONTROLLING, WITNESS, AND PERMANENT MONUMENTS; AND SHALL FILE THE REQUISITE CORNER RECORD OR RECORD OF SURVEY OF THE REFERENCES WITH THE COUNTY SURVEYOR.

[Professional Engineer Seal: RONALD N. KOESTER, No. 42399, Expires 3-31-19, CIVIL]

DATE: 29 Oct 17



LINE DATA

L1-N 60°31'27" E	143.25
L2-N 60°31'27" E	179.46
L3-N 60°31'27" E	25.07
L4-N 29°28'33" W	10.00
L5-N 29°28'33" W	102.70
L6-N 29°28'33" W	92.81
L7-N 59°55'50" E	23.76
L8-N 59°55'50" E	23.89

CURVE DATA

C1-Δ=01°11'43"	R=3516.61	L=73.37	T=36.68'
C2-Δ=00°09'50"	R=3516.61	L=10.06'	T=5.03'

Table with 5 columns: NO., REVISION, REVISED BY, APPROVED BY, DATE. It contains one row for revision 1.

CRC Enterprises

27600 Bouquet Canyon Road Suite 200, Santa Clarita, CA 91350 Telephone (661) 297-2336 FAX (661) 297-2331 Email: crc@socal.rr.com

PROJECT ENGINEER: [Signature] DATE: 29 Oct 17

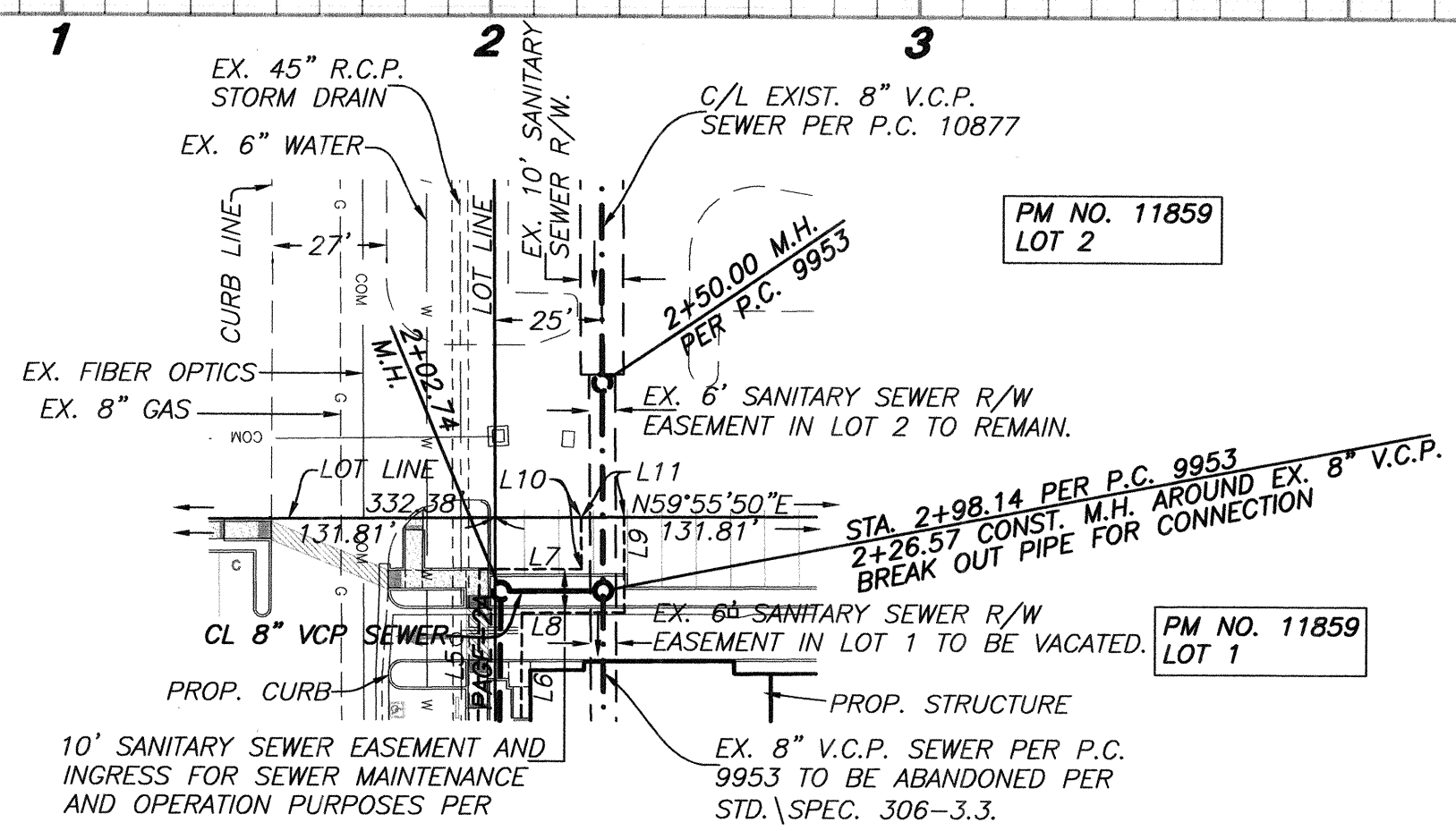
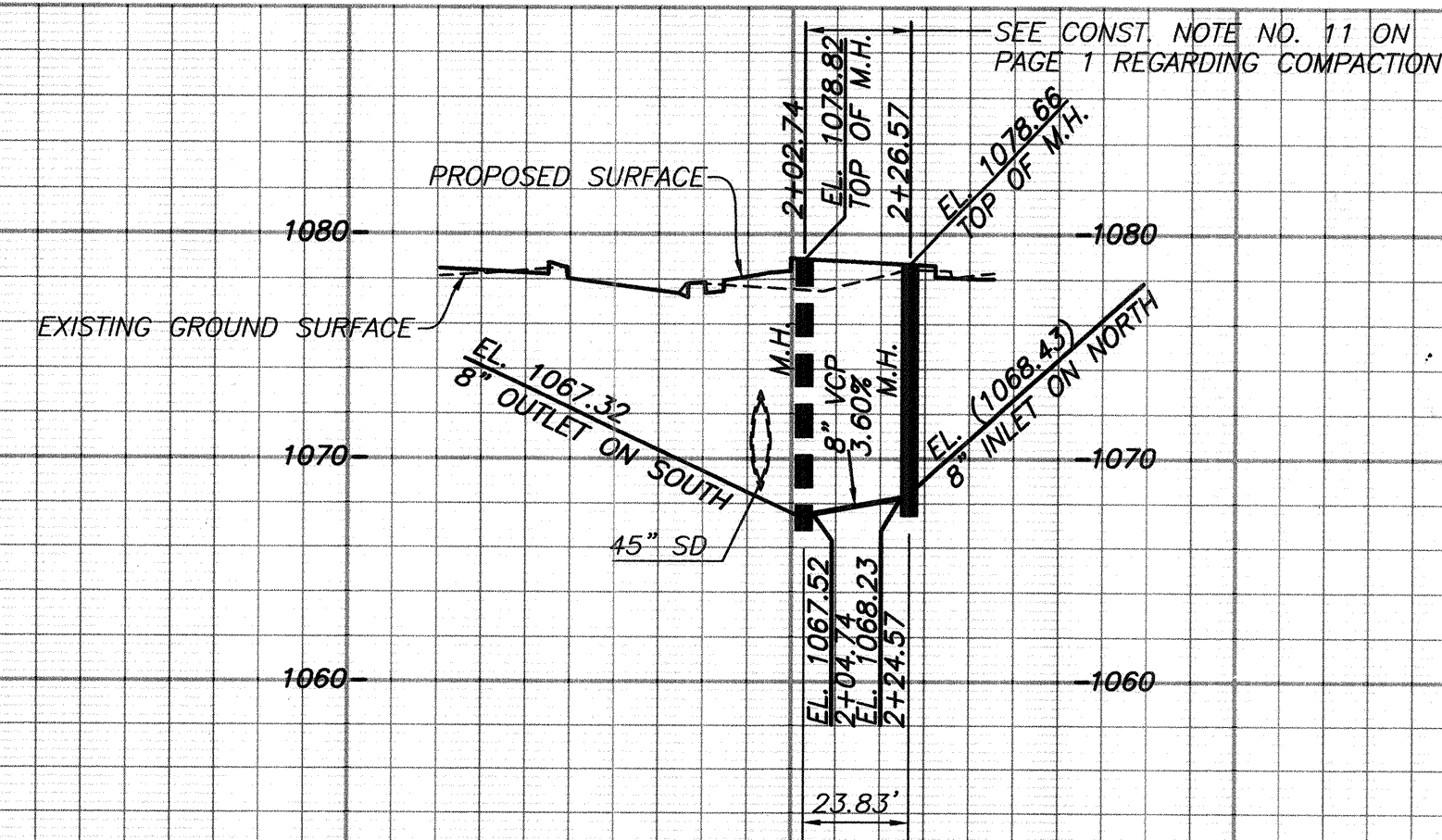
PROFESSIONAL ENGINEER SEAL AND SIGNATURE

NO L.A. Co. CHARGES FOR CONNECTIONS

SEE CO. SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES

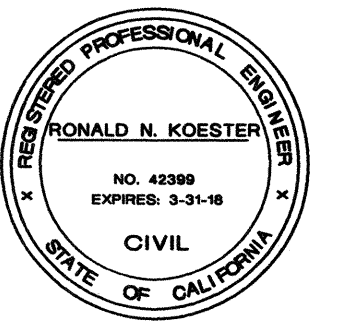
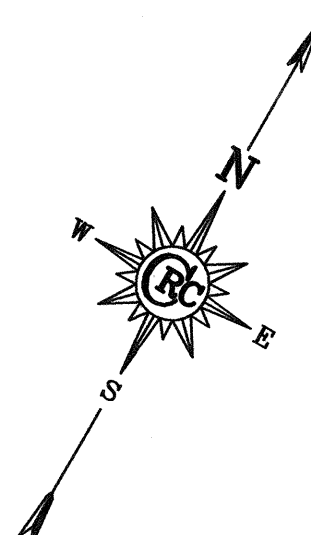
TEL. (562) 940-4288 EX. 2727

DOUBLE SCALE



LINE DATA

L5-N 29°28'33" W	102.70'
L6-N 29°28'33" W	92.81'
L7-N 59°55'50" E	23.76'
L8-N 59°55'50" E	23.89'
L9-N 30°12'04" W	22.08'
L10-N 30°12'04" W	12.08'
L11-N 59°55'50" E	10.00'



PLAN SCALE: 1" = 40'



REVIEWED BY LAND DEVELOPMENT DIVISION
 BY *[Signature]* DATE 10/23/17
 SUBDIVISION PLAN CHECKING SECTION

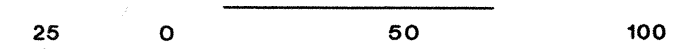
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SEE CO. SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES

TEL. (562) 940-4288 EX. 2727

DOUBLE SCALE

PLAN SCALE: 1" = 40'



REVIEWED BY LAND DEVELOPMENT DIVISION
 BY _____ DATE _____
 SUBDIVISION PLAN CHECKING SECTION