

- ### STORMWATER POLLUTION PLAN NOTES
- A. 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 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 systems.
 - Excess 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 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.
 - The following BMPs as outlined in, but not limited to, the latest edition of the California BMP Handbook (Construction) or Caltrans 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)
- | EROSION CONTROL | NON-STORM WATER MANAGEMENT | WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL |
|--|---|--|
| <ul style="list-style-type: none"> E1 SCHEDULING E2 PRESERVATION OF EXISTING VEGETATION E3 HYDRAULIC MULCH E4 HYDROSEEDING E5 SOIL BINDERS E6 STRAW MULCH E7 GEOTEXTILES & MATS E8 WOOD MULCHING E9 EARTH Dikes AND DRAINAGE SWALES E10 VELOCITY DISSIPATION DEVICES E11 SLOPE DRAINS E12 STREAMBANK STABILIZATION E13 RESERVED E14 COMPOST BLANKETS E15 SOIL PREPARATION/ROUGHENING E16 NON-VEGETATED STABILIZATION | <ul style="list-style-type: none"> N1 WATER CONSERVATION PRACTICES N2 DEWATERING OPERATIONS N3 PAVING AND GRINDING OPERATIONS N4 TEMPORARY STREAM CROSSING N5 CLEAR WATER DIVERSION N6 ILLICIT CONNECTION/DISCHARGE N7 PORTABLE WATER/IRRIGATION N8 VEHICLE AND EQUIPMENT CLEANING N9 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 | <ul style="list-style-type: none"> WM 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 SANITARY/SPPWC WASTE MANAGEMENT WM10 LIQUID WASTE MANAGEMENT WM11 TEMPORARY SEDIMENT CONTROL |
- Legend for sanitary sewer plans and profiles and district maps:
- 2000-0 Legend for sanitary sewer plans and profiles and district maps.
 - 2002-1 Precast concrete shallow manhole.
 - 2003-2 Reinforced precast concrete manhole.
 - 2004-1 Rectangular shallow manhole.
 - 2014-1 Rectangular manhole frame and cover.
 - 2015-1 Standard manhole stop.
 - 2015-1 STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)
 - 200-3 Precast concrete sewer manhole
 - 201-2 Precast reinforced concrete manhole base
 - 208-2 Breaking into existing manholes
 - 210-3 Manhole frame and cover locking type
 - 220-3 Chimneys
- Bedding for sewer pipe:
- 2002-3 Grading and encasement.
 - 2004-1 WYE or TEE support.
 - 2006-1 Erosion protection in steep slopes.
 - 2007-1 Allowable trench widths.
 - 2007-1 Minimum public safety requirements.
 - 2100-1 Requirements for sanitary sewers near water mains
 - 211-2 Pipe anchors and backfill stabilizers
 - 222-2 House connection sewer
 - 223-2 House connection remodeling
 - 225-2 Blanket protection for pipes.
- EQUIPMENT TRACKING CONTROL
- TC1 STABILIZED CONSTRUCTION ENTRANCE EXIT
 - TC2 STABILIZED CONSTRUCTION ROADWAY
 - TC3 ENTRANCE/OUTLET TIRE WASH
- 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 concrete shallow manhole.

2003-2 Reinforced precast concrete manhole.

2004-1 Rectangular shallow manhole.

2014-1 Rectangular manhole frame and cover.

2015-1 Standard manhole stop.

2015-1 STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)

200-3 Precast concrete sewer manhole

201-2 Precast reinforced concrete manhole base

208-2 Breaking into existing manholes

210-3 Manhole frame and cover locking type

220-3 Chimneys

BUILDING AND SAFETY DISTRICT OFFICE: SANTA CLARITA

INDEX MAP SCALE: 1"=300'

NOTES: NUMBER IN CIRCLE INDICATES PAGE NUMBER. ALL MAINLINE SANITARY SEWERS ARE WITHIN THE SANITARY SEWER EASEMENT

THOMAS GUIDE PAGE: 474, H3, J3

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	ADDED SEWER LATERAL TABLE AND SD CROSSINGS	Jonathan X Petko	Richard Remond	04/14/2020

BASIS OF BEARING

THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING 336-58-RW OF THE SOUTHEASTERLY LINE OF PARCEL MAP NO. 24500-01 FILED IN BOOK 293 PAGES 34 THROUGH 67, INCLUSIVE, OF PARCEL MAPS RECORDS OF LOS ANGELES COUNTY.

COUNTY SANITATION DISTRICTS (CSD) NOTES:

- No connection for the disposal of industrial wastes shall be made to sewers shown on these plans until a permit for industrial wastewater discharge has been issued by CSD for said connection.
- Prior to final acceptance of the project, notify the CSD Superintendent of maintenance at (661) 257-4809 to report completion of this local sewer that indirectly discharges into the CSD sewer system.

PRIVATE CONTRACT SEWER GENERAL NOTES

- 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, 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.
- When work is 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.
- 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 or 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 or the existence or nonexistence of any underground utility pipe or structure within the limits of this project. This note applied to all pages.
- All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction" including supplements (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 Sewer" and shall be prosecuted only in the presence of the County of Los Angeles Department of Public Works.
- The contractor's attention is directed to Section 7.10.4.2 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. 6008-1.
- 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 to 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 stationing for all house laterals and "Y" and "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 from chimneys shall not 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.
- Contact Environmental Programs Division for an Industrial Waste Discharge Permit at (626) 458-3517.
- When work is encroaching into Flood Control District assessment and/or crossing its facilities, a Flood Control permit shall be obtained from the Los Angeles County Flood Control District at https://epdca.lacounty.gov at least 4 weeks prior to your desired start-up date. If you need additional information, you may contact Land Development Division - Permits Section Public Counter at 628-458-4921

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.
- Victified 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 victified 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 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 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 203-2), or precast concrete sewer manholes per LACDPW Standard Plan S-36 (SPPWC 200-3), or reinforced precast manhole per LACDPW Standard Plan 2003-2, 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 306-12 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.
- All backfill and fills outside of the street right of way shall be compacted to 90 percent 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 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.
- Sewers to be tested for leakage per Section 306-7.8 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 victified clay pipe or ductile iron pipe or other approved materials by the County of Los Angeles Department of Public Works.
- All ductile iron pipes shall be lined with Protecto 401 Ceramic Epoxy lining.
- Cured in place pipe liner shall be used for all extra victified clay pipe if lining is required.
- All Chimneys shall have terminal cleanout structure per SPPWC std. plan 204-2 and with traffic rated frame and cover.

NOTICE TO CONTRACTOR

Issue no house lateral connection permits until outlet sewer PC 12497C is accepted for public use by the County of Los Angeles Department of Public Works.

The developer shall be responsible for the continued maintenance of PC 12497E sanitary sewer until the County formally accepts it for maintenance. All manhole, 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 (95%) and completed field acceptance (98%). Final map and as built sewer plans shall be submitted prior to partial field acceptance.

All proposed utilities shown on this plan, except for sanitary sewer, are to be constructed per separate plan and permit.

Backwater valves shall be required for all units.

For buildings placed within the 45 degree influence lines, the Engineer and/or Developer must notify the Building and Safety plan checker for deep footings requirements.

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.



PROFILE, ALIGNMENT, AND GRADE OF PAGE 1

SANITARY SEWERS TO BE CONSTRUCTED IN

TRACT NO. 61105-04 PC NO. 12497E

2 SHEETS: 4 PAGES

COUNTY OF LOS ANGELES CALIFORNIA

EIMP2019000299

CSDM INDEX: N-1217

MARK PESTRELLA LA COUNTY DIRECTOR OF PUBLIC WORKS

APPROVED BY LAND DEVELOPMENT DIVISION

BY: *Jonathan X Petko* 10/28/19 DATE

ASSISTANT DIVISION ENGINEER

SUBMITTED: *Jonathan X Petko* 10/24/19 DATE

FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION

NEW HALL RANCH SANITATION DISTRICT OF LOS ANGELES COUNTY, CALIFORNIA

ROBERT C. FERRANTE - CHIEF ENGINEER AND GENERAL MANAGER

APPROVED BY: *Robert C. Ferrante* DATE: 12-11-19

PRIVILEGE 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 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.

Jonathan H. Petke 9/30/19 DATE

JONATHAN H. PETKE RCE NO. 67585

Engineer/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 8771 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 requisite career record or record of survey of the references with the County Surveyor.

Jonathan H. Petke 09/30/19 DATE

Engineer/Surveyor Seal and Signature

"NO EXISTING MONUMENTS OF RECORD IN THE PROJECT AREA OF THESE PLANS AT THE TIME OF SIGNATURE"

EIMP2019000299 P.C. 12497E PAGE 2

NO LA COUNTY CHARGES FOR CONNECTION

SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES (662) 908-4288, EX. 2727

SCALE: VERT. 1" = 8' HORIZ. 1" = 40'

DOUBLE SCALE

AS-BUILT

DATE: *Jonathan X Petko*

BOUDREAU PIPELINE CORPORATION

NOTE: * ACCEPTANCE OF THIS 8" LINE FOR COUNTY MAINTENANCE IS CONTINGENT UPON MEETING ALL CONSTRUCTION AND INSPECTION REQUIREMENTS FOR THE FUTURE UPSTREAM SYSTEM. ** BACKWATER VALVES SHALL BE REQUIRED FOR ALL UNITS.

SANITARY SEWER DATA TABLE

BEARING/Delta	RADIUS	LENGTH	TANGENT
N 34°17'34" E	-	118.00'	-
N 34°17'34" E	-	153.96'	-
09°17'58" E	280.00'	45.45'	22.77'
N 08°49'19" E	-	20.38'	-

TRACT 61105-04 LOT 1

PLAN SCALE: 1" = 40'

REVIEWED BY LAND DEVELOPMENT DIVISION

BY: *Jonathan X Petko* 10/23/2019 DATE

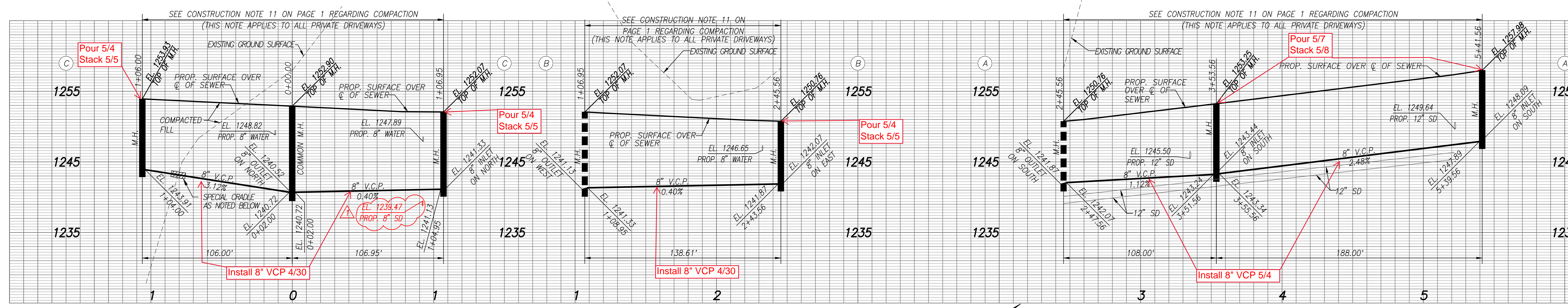
FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

HUNSAKER & ASSOCIATES IRVINE, INC. PLANNING • ENGINEERING • SURVEYING

Three Hughes • Irvine, CA 92618 • PH: (949) 583-1010 • FX: (949) 583-0759

Jonathan H. Petke 9/30/19 PROJECT ENGINEER DATE DWG

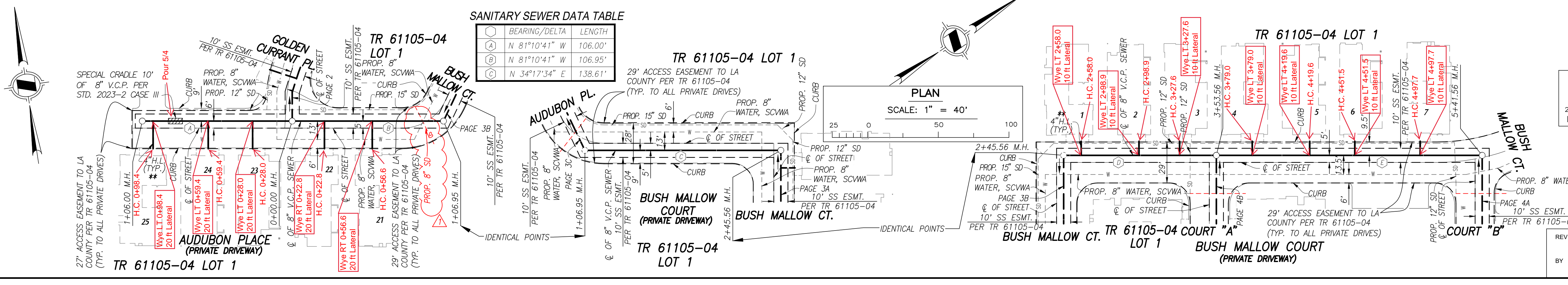


NO LA COUNTY CHARGES FOR CONNECTION
 SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
 (562) 908-4288, EX. 2727
 SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40'
 DOUBLE SCALE

NOTE:
 ** BACKWATER VALVES SHALL BE REQUIRED FOR ALL UNITS.

SANITARY SEWER DATA TABLE

BEARING/Delta	LENGTH
(A) N 55°42'26" W	108.00'
(B) N 55°42'26" W	188.00'



SANITARY SEWER DATA TABLE

BEARING/Delta	LENGTH
(A) N 81°10'41" W	106.00'
(B) N 81°10'41" W	106.95'
(C) N 34°17'34" E	138.61'

PLAN
 SCALE: 1" = 40'

PLAN
 SCALE: 1" = 40'



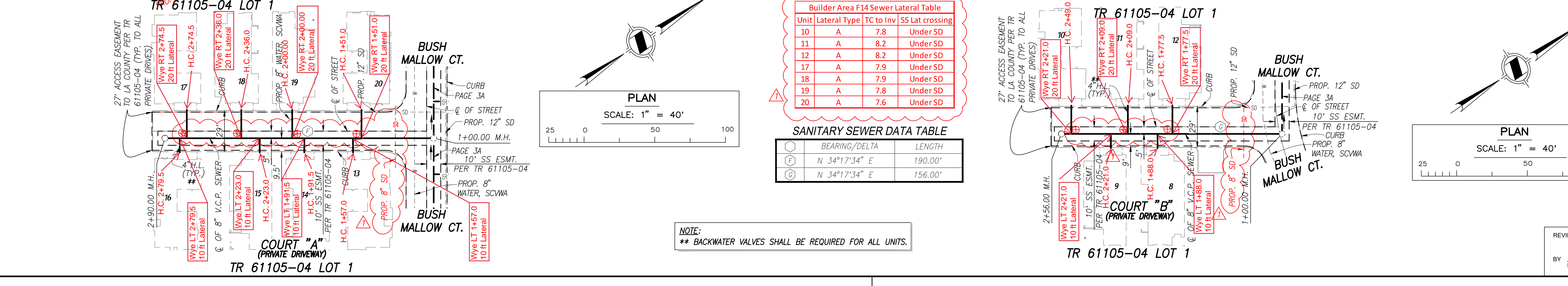
REVIEWED BY LAND DEVELOPMENT DIVISION
 BY *Luis Homar* 10/23/2019
 FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION DATE



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 (562) 908-4288, EX. 2727
 SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40'
 DOUBLE SCALE



NOTE:
 ⊕ HOUSE LATERALS INVERTS TO BE CONSTRUCTED PER SEWER LATERAL TABLE HEREON



Builder Area F14 Sewer Lateral Table

Unit	Lateral Type	TC to Inv	SS Lat crossing
10	A	7.8	Under SD
11	A	8.2	Under SD
12	A	8.2	Under SD
17	A	7.9	Under SD
18	A	7.9	Under SD
19	A	7.8	Under SD
20	A	7.6	Under SD

SANITARY SEWER DATA TABLE

BEARING/Delta	LENGTH
(A) N 34°17'34" E	190.00'
(B) N 34°17'34" E	156.00'

PLAN
 SCALE: 1" = 40'

PLAN
 SCALE: 1" = 40'



REVIEWED BY LAND DEVELOPMENT DIVISION
 BY *Luis Homar* 10/23/2019
 FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION DATE