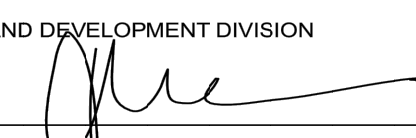
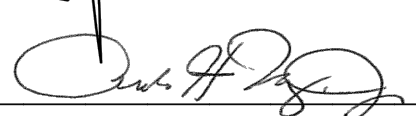


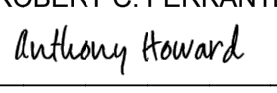
PROFILE, ALIGNMENT, AND GRADE OF  
SANITARY SEWERS  
TO BE CONSTRUCTED INTRACT NO. 61105-24  
PC NO. 12571

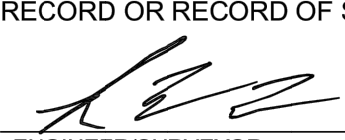
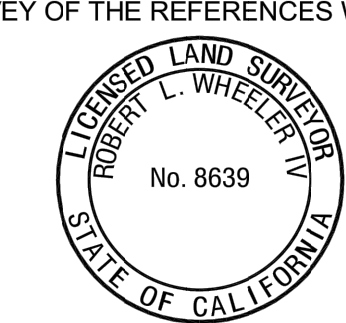
3 SHEETS: 5 PAGES

COUNTY OF LOS ANGELES CALIFORNIA

CSMD INDEX N-1217  
EIMP 2021000298

MARK PESTRELLA LA COUNTY DIRECTOR OF PUBLIC WORKS	
APPROVED BY LAND DEVELOPMENT DIVISION	
BY 	9/16/2021 DATE
SUBMITTED BY 	
9/16/2021 DATE	

NEWHALL RANCH SANITATION DISTRICT OF LOS ANGELES COUNTY, CALIFORNIA ROBERT C. FERRANTE - CHIEF ENGINEER and GENERAL MANAGER	
APPROVED BY 	10/12/2021   10:21:58 AM PDT DATE
FOR OFFICE ENGINEER	

ENGINEER'S/SURVEYOR'S STATEMENT REGARDING THE PRESENCE OF MONUMENTS WITHIN PROJECT LIMITS	
NOTES: 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; SHELL 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.	
 ENGINEER/SURVEYOR SEAL AND SIGNATURE	 9/13/2021 DATE
*NO EXISTING MONUMENTS OF RECORD IN THE PROJECT AREA OF THESE PLAN AT THE TIME OF SIGNATURE	

## 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 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 DISPERSAL 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 SWEEPED 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 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

- EC1 SCHEDULING
- EC2 PRESERVATION OF EXISTING VEGETATION
- EC3 HYDRAULIC MULCH
- EC4 HYDROSEEDING
- EC5 SOIL BINDERS
- EC6 STRAW MULCH
- EC7 GEOTEXTILES & MATS
- EC8 WOOD MULCHING
- EC9 EARTH DIKES AND DRAINAGE SWALES
- EC10 VELOCITY DISSIPATION DEVICES
- EC11 SLOPE DRAINS
- EC12 STREAMBANK STABILIZATION
- EC13 RESERVED
- EC14 COMPOST BLANKETS
- EC15 SOIL PREPARATION/ROUGHENING
- EC16 NON-VEGETATED STABILIZATION

## WIND EROSION CONTROL

- WE1 WIND EROSION CONTROL

## EQUIPMENT TRACKING CONTROL

- TC1 STABILIZED CONSTRUCTION ENTRANCE EXIT
- TC2 STABILIZED CONSTRUCTION ROADWAY
- TC3 ENTRANCE/OUTLET 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 | LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS. | 2021-1 | BEDDING FOR SEWER PIPE.                           |
| 2002-1 | PRECAST CONCRETE SHALL LOW MANHOLE.                             | 2023-2 | GRADING AND ENCASEMENT.                           |
| 2003-2 | REINFORCED PRECAST CONCRETE MANHOLE.                            | 2024-1 | WYE OR TEE SUPPORT.                               |
| 2004-1 | RECTANGULAR SHALLOW MANHOLE.                                    | 2026-1 | EROSION PROTECTION IN STEEP SLOPES.               |
| 2014-1 | RECTANGULAR MANHOLE FRAME AND COVER.                            | 2027-1 | ALLOWABLE TRENCH WIDTHS.                          |
| 2015-1 | STANDARD MANHOLE STEP.  | 6008-1 | MINIMUM PUBLIC SAFETY REQUIREMENTS.               |
|        |   | 2100-1 | REQUIREMENTS FOR SANITARY SEWERS NEAR WATER MAINS |

## STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)

- |       |  |       |                                       |
|-------|--|-------|---------------------------------------|
| 200-3 | PRECAST CONCRETE SEWER MANHOLE           | 220-3 | CHIMNEYS                              |
| 204-2 | TERMINAL CLEANOUT STRUCTURE              | 221-2 | PIPE ANCHORS AND BACKFILL STABILIZERS |
| 207-2 | PRECAST REINFORCED CONCRETE MANHOLE BASE | 222-2 | HOUSE CONNECTION SEWER                |
| 208-2 | BREAKING INTO EXISTING MANHOLES          | 223-2 | HOUSE CONNECTION REMODELING           |
| 210-3 | MANHOLE FRAME AND COVER LOCKING TYPE     | 225-2 | BLANKET PROTECTION FOR PIPES          |

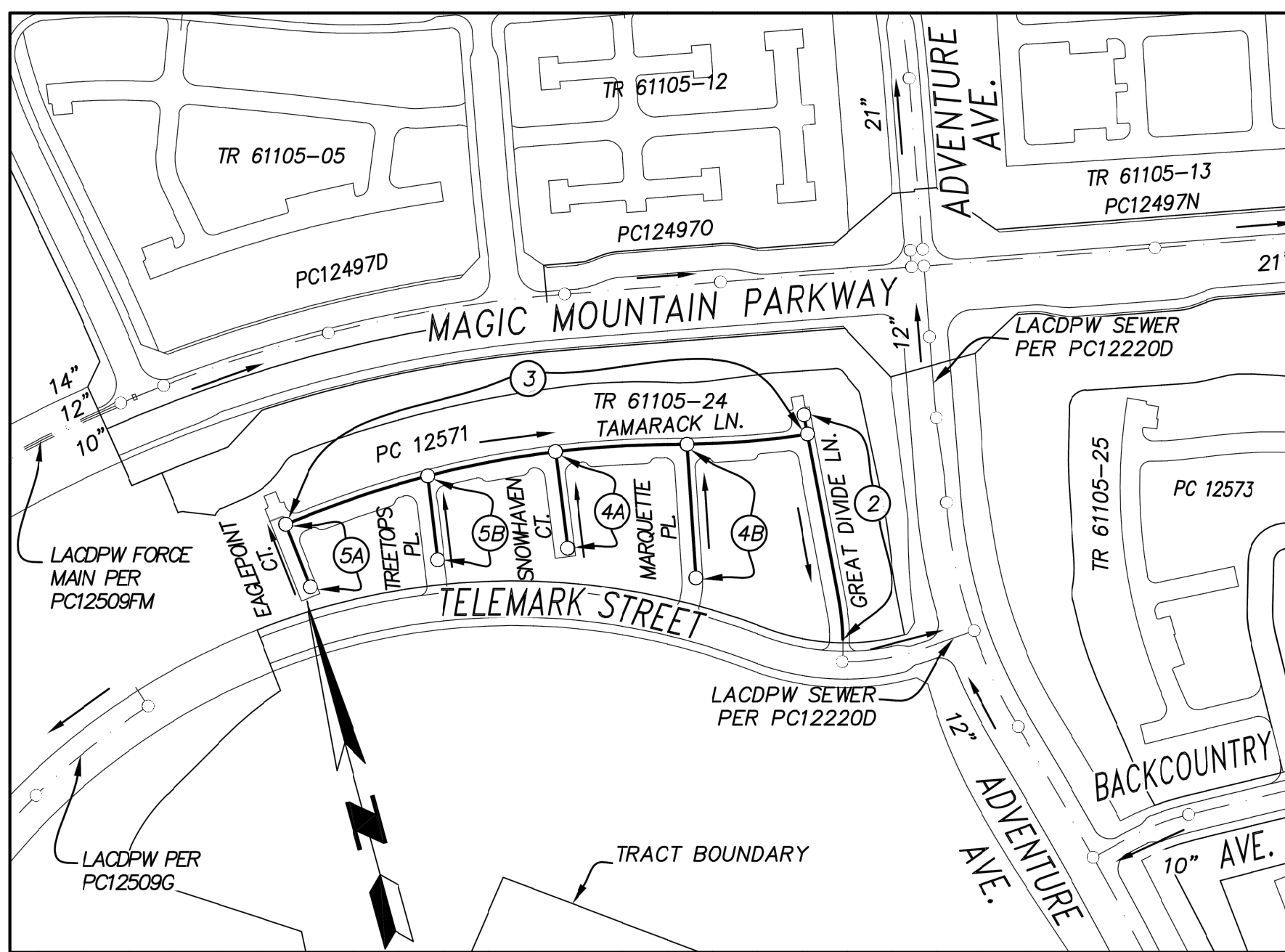
## CONSTRUCTION NOTES:

- 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 "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 CONTACT.
- 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 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 LOS ANGELES COUNTY PUBLIC WORKS.
- ALL STRUCTURES SHALL BE PRECAST CONCRETE SEWER MANHOLES PER LACDPW STANDARD PLAN S-38 (SPPWC 200-3), OR REINFORCED PRECAST MANHOLE PER LACDPW STANDARD PLAN 2003-2, EXCEPT AS NOTED.
- RESURFACE ALL 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 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 306-1.4 OF THE "STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION" 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 EXTRA STRENGTH VITRIFIED CLAY PIPE OR DUCTILE IRON PIPE OR OTHER APPROVED MATERIALS BY LOS ANGELES COUNTY PUBLIC WORKS.
- ALL DUCTILE IRON PIPE SHALL BE LINED WITH PROTECTO 401 CERAMIC EPOXY LINING.
- CURED IN PLACE PIPE LINER SHALL BE USED FOR ALL EXTRA VITRIFIED CLAY PIPE IF LINING IS REQUIRED.
- ALL CHIMNEYS SHALL HAVE TERMINAL CLEANOUT STRUCTURE PER SPPWC STD. PLAN 204-2 WITH TRAFFIC RATED FRAME AND COVER.
- ALL SEWER LATERAL PIPE MATERIALS SHALL BE VITRIFIED CLAY PIPE OR OTHER APPROVED MATERIALS BY LOS ANGELES COUNTY PUBLIC WORKS.

## BASIS OF BEARING

THE BEARING SHOWN HEREON ARE BASED ON THE BEARING N55°59'46"E OF THE SOUTHEASTERLY LOT LINE OF LOTS 13 AND 14 SHOWN ON PARCEL MAP NO. 24500-02 FILED IN BOOK 293, PAGES 34 TO 67, INCLUSIVE, OF PARCEL MAPS, RECORDS OF LOS ANGELES COUNTY.

NEWHALL QUAD (2009)		NAVD 88
BENCH MARK:	LACDPW L 6108	
	LACO BM TAG IN HEADWALL @ NE COR HENRY MAYO DRIVE	
	(HWY 126) & WOLCOTT WAY, 56' NORTH & 106' EAST OF	
	CL INT	
ELEV.	957.286 FEET	ADJUSTMENT 2009



BUILDING AND SAFETY DISTRICT OFFICE: SANTA CLARITA

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

## INDEX MAP

SCALE: 1" = 200'

CSMD INDEX: N-1217

P.C. 12571 TR. NO. 61105-24

THOMAS GUIDE PAGE: 4549 H3, J3

## PRIVATE CONTRACT SEWER GENERAL NOTES:

- A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE LA COUNTY PUBLIC WORKS AT [HTTPS://EPICLA.LACOUNTY.GOV](https://epicla.lacounty.gov) AT LEAST 4 WEEKS PRIOR TO YOUR DESIRED START-UP DATE. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS, ETC., MUST BE FILLED WITH THE PERMIT APPLICATION.
- WHEN WORK IS WITHIN A CONTACT 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.
- WHEN WORK IS ENCRANCHING INTO FLOOD CONTROL DISTRICT EASEMENT AND/OR CROSSING ITS FACILITIES, A FLOOD CONTROL PERMIT SHALL BE OBTAINED FROM THE LA COUNTY FLOOD CONTROL DISTRICT AT [HTTPS://EPICLA.LA-COUNTY.GOV](https://epicla.la-county.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 626-458-4821.
- 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 FOR WORKER'S COMPENSATION INSURANCE WITH THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS NAMED AS THE CERTIFICATE HOLDER. 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 LA COUNTY 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 SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION" INCLUDING SUPPLEMENTS (IF THERE IS ANY), THE LATEST "ADDITIONS AND AMENDMENTS TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)", AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE LA COUNTY PUBLIC WORKS.
- THE CONTRACTOR'S ATTENTION IS DIRECT 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 LA COUNTY 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 LA COUNTY PUBLIC WORKS.
- NO REPRESENTATIVE OF THE LA COUNTY 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 DESIGNATED 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 LA COUNTY PUBLIC WORK 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.
- CONTACT ENVIRONMENTAL PROGRAMS DIVISION FOR AN INDUSTRIAL WASTE DISCHARGE PERMIT AT (626) 458-3517.

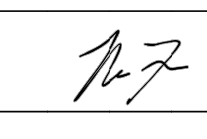
ISSUE NO HOUSE LATERAL CONNECTION PERMITS UNTIL  
OUTLET SEWER PC 12220D IS ACCEPTED FOR PUBLIC USE  
BY THE LOS ANGELES COUNTY SANITATION DISTRICT AND  
THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC  
WORKS RESPECTIVELY.THE DEVELOPER SHALL BE RESPONSIBLE FOR THE  
CONTINUED MAINTENANCE OF PC 12571 SANITARY  
SEWER UNTIL THE COUNTY FORMALLY ACCEPTS IT  
FOR MAINTENANCE. ALL MAINLINE, MANHOLES AND  
LATERALS SHALL BE PROTECTED FROM DAMAGE  
AND INFILTRATION.EXISTING SEWER SYSTEM SHALL BE OPERATIONAL AT ALL  
TIMES DURING CONSTRUCTION/RECONSTRUCTION.  
NOTIFY ALL HOMEOWNERS AT LEAST 72 HRS IN ADVANCE.ALL SANITARY SEWER MANHOLE SHAFTS AND FRAMES  
SHALL BE WATERTIGHT WITH BUTYL RUBBER MASTIC  
JOINT SEALING COMPOUND OR APPROVED EQUAL BY  
THE LA COUNTY PUBLIC WORKS.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 ACCEPTANCESEWER LATERALS SHOWN ON PLANS ARE FOR  
REFERENCE ONLY.BWM BACKWATER VALVES MAY BE REQUIRED FOR UNITS  
1-55 PER PLUMBING CODE SECTION 710.ALL STORM DRAIN AND WATER IS PER SEPARATE PLAN  
AND PERMIT

AS-BUILT



9/13/2021

PROJECT ENGINEER DATE

NO.	REVISION	REVISED BY	APPROVED BY	DATE
SANITARY SEWER PLANS IN COUNTY UNINCORPORATED AREA				
TRACT NO. 61105-24			PC NO. 12571	
REVIEWED /LAND DEVELOPMENT DIVISION				9/14/2021 DATE
IN BY		SEWER PLAN CHECKING UNIT		
LOS ANGELES COUNTY PUBLIC WORKS				
 <b>HUNSAKER &amp; ASSOCIATES</b> IRVINE, INC. PLANNING ■ ENGINEERING ■ SURVEYING Three Hughes • Irvine, CA 92618 • PH: (949) 583-1010 • FX: (949) 583-0759				
PC 12571	EIMP 2021000298	SHEET 1	OF 3	



NO LA COUNTY PUBLIC WORKS CHARGES FOR CONNECTION  
SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES

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

DOUBLE SCALE

EIMP 2021000298

REVIEWED BY LAND DEVELOPMENT DIVISION

BY   
SEWER PLAN CHECKING UNIT  
DATE 9/14/2021

NO.	REVISION	REVISED BY	APPROVED BY	DATE

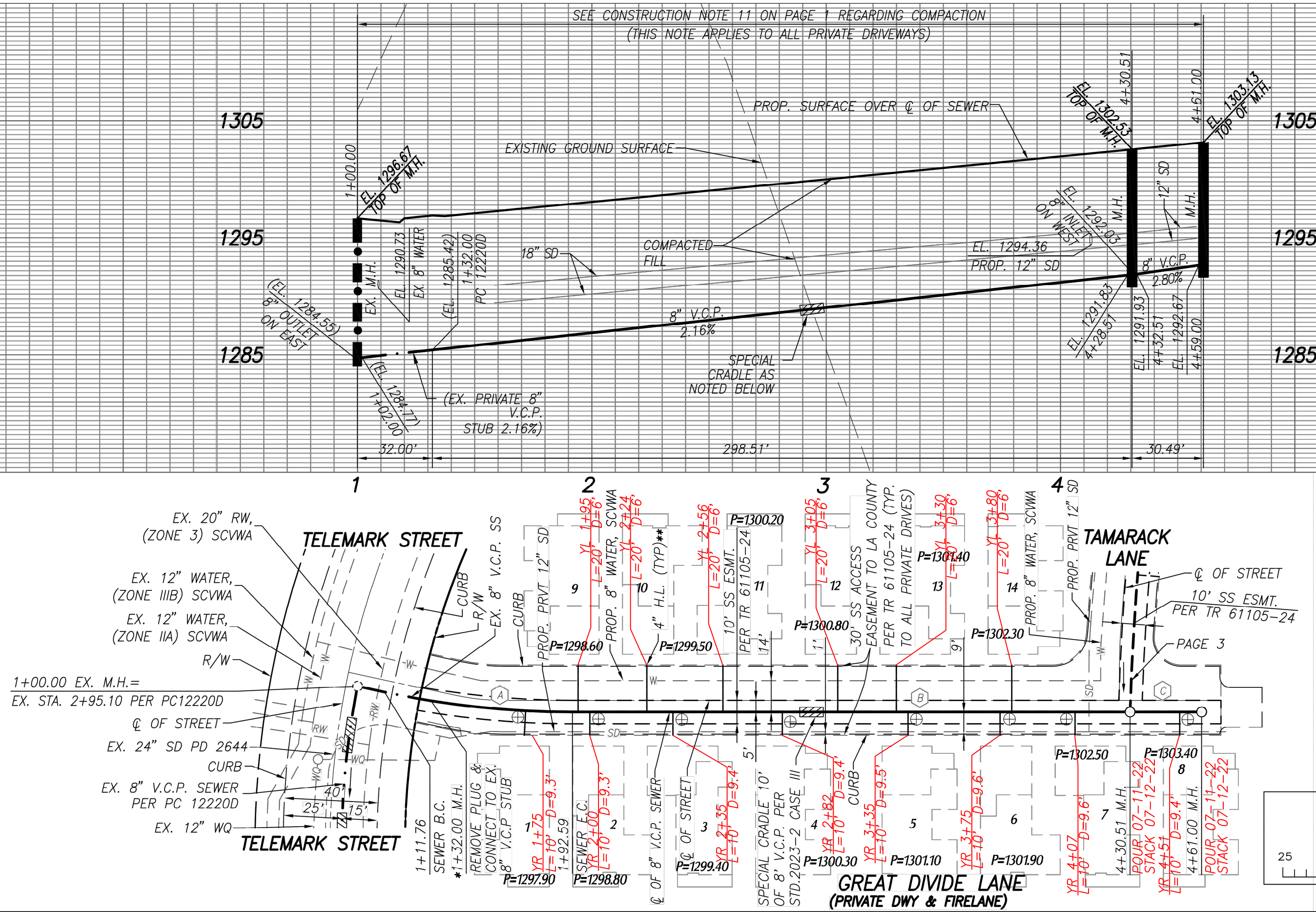


SANITARY SEWER DATA TABLE

	BEARING/DELTA	RADIUS	LENGTH	TANGENT
(A)	09°08'11"	380.00'	60.60'	30.36'
(B)	N 04°27'33" E	—	237.91'	—
(C)	N 04°27'33" E	—	30.49'	—

Builder Area C2b Sewer Lateral Table			
Unit	Lateral Type	TC to Inv	SS Lat Crossing
1	A	9.3	Under SD
2	A	9.3	Under SD
3	A	9.3	Under SD
4	A	9.4	Under SD
5	A	9.5	Under SD
6	A	9.6	Under SD
7	A	9.6	Under SD
8	A	9.4	Under SD
15	A	9.1	Under SD
16	A	9.3	Under SD
17	A	9.2	Under SD
18	A	9.1	Under SD
23	A	9.2	Under SD
24	A	9.3	Under SD
25	A	9.3	Under SD
29	A	9.2	Under SD
30	A	9.1	Under SD
31	A	9.1	Under SD
34	A	8.6	Under SD
35	A	8.3	Under SD

**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 MAY BE REQUIRED FOR UNITS 1-14 PER PLUMBING CODE SECTION 710.  
⊕ HOUSE LATERALS INVERTS TO BE CONSTRUCTED PER SEWER TABLE HEREON  
\*\*\* ALL STORM DRAIN AND WATER IS PER SEPARATE PLAN AND PERMIT



NO LA COUNTY PUBLIC WORKS CHARGES FOR CONNECTION  
SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES

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

DOUBLE SCALE

EIMP 2021000298

REVIEWED BY LAND DEVELOPMENT DIVISION

BY   
SEWER PLAN CHECKING UNIT  
DATE 9/14/2021

NO.	REVISION	REVISED BY	APPROVED BY	DATE



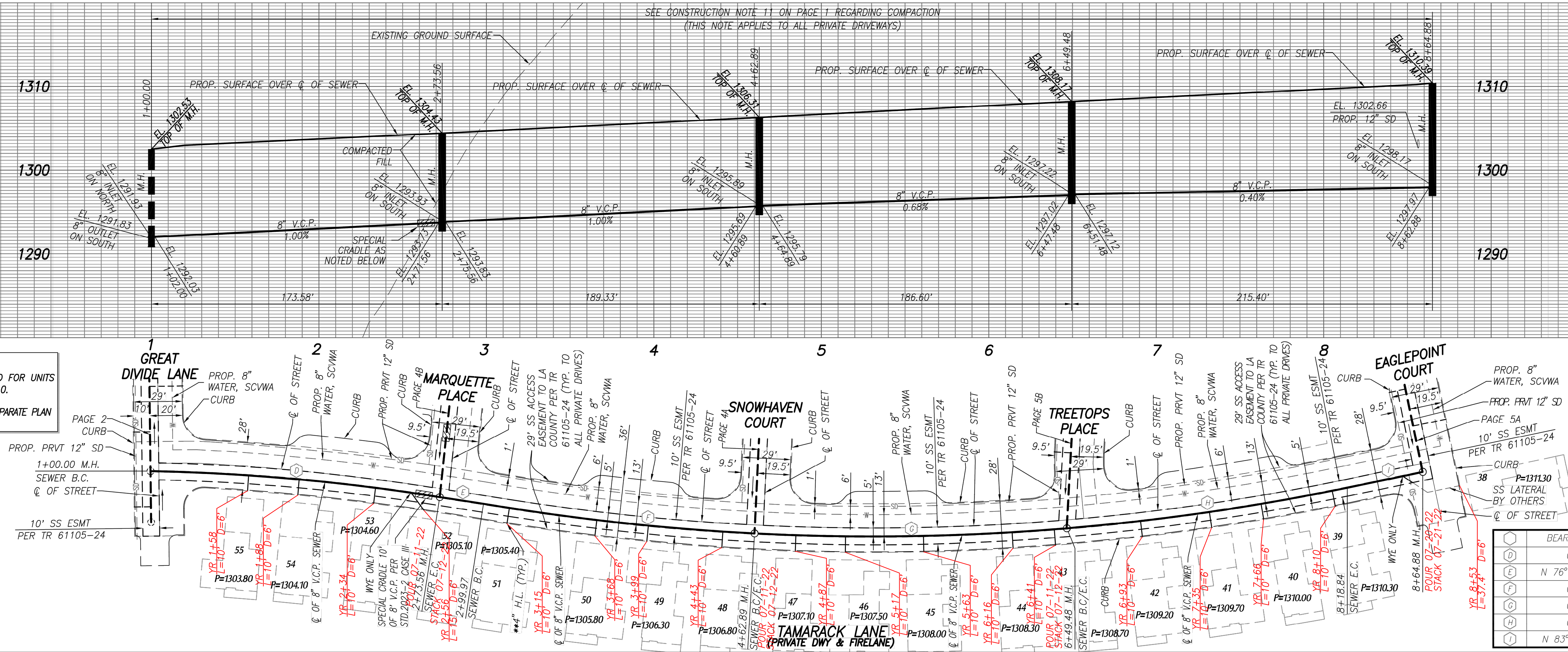
PLAN  
SCALE: 1" = 40'

SANITARY SEWER DATA TABLE

	BEARING/DELTA	RADIUS	LENGTH	TANGENT
(D)	08°09'04"	1220.00'	173.56'	86.93'
(E)	N 76°11'00" W	—	26.42'	—
(F)	06°42'38"	1391.00'	162.91'	81.55'
(G)	07°41'09"	1391.00'	186.60'	93.44'
(H)	06°58'33"	1391.00'	169.36'	84.78'
(I)	N 83°25'18" E	—	46.04'	—

**AS-BUILT**

**NOTE:**  
\*\* BACKWATER VALVES MAY BE REQUIRED FOR UNITS 38-55 PER PLUMBING CODE SECTION 710.  
\*\*\* ALL STORM DRAIN AND WATER IS PER SEPARATE PLAN AND PERMIT





NO LA COUNTY PUBLIC WORKS CHARGES FOR CONNECTION

SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR

SPECIAL CONNECTION CHARGES

TEL. (562) 908-4288 EX. 2727

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

DOUBLE SCALE

EIMP 2021000298

REVIEWED BY LAND DEVELOPMENT DIVISION

BY *[Signature]*  
SEWER PLAN CHECKING UNIT  
DATE 9/14/2021

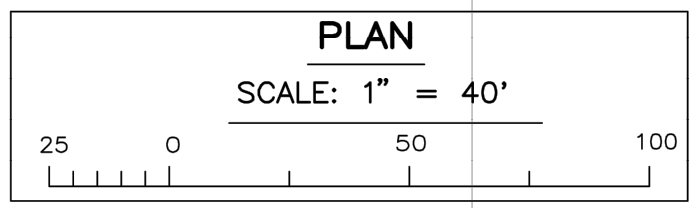
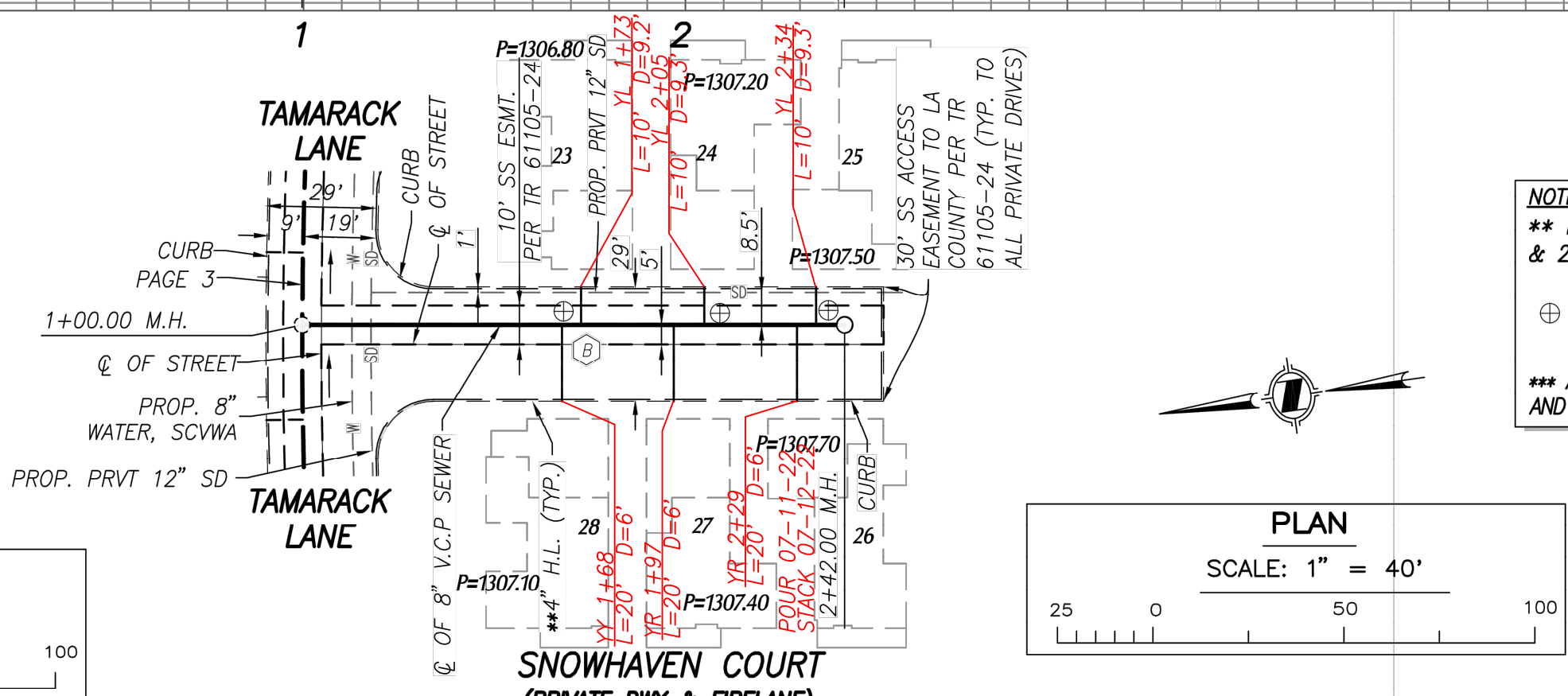
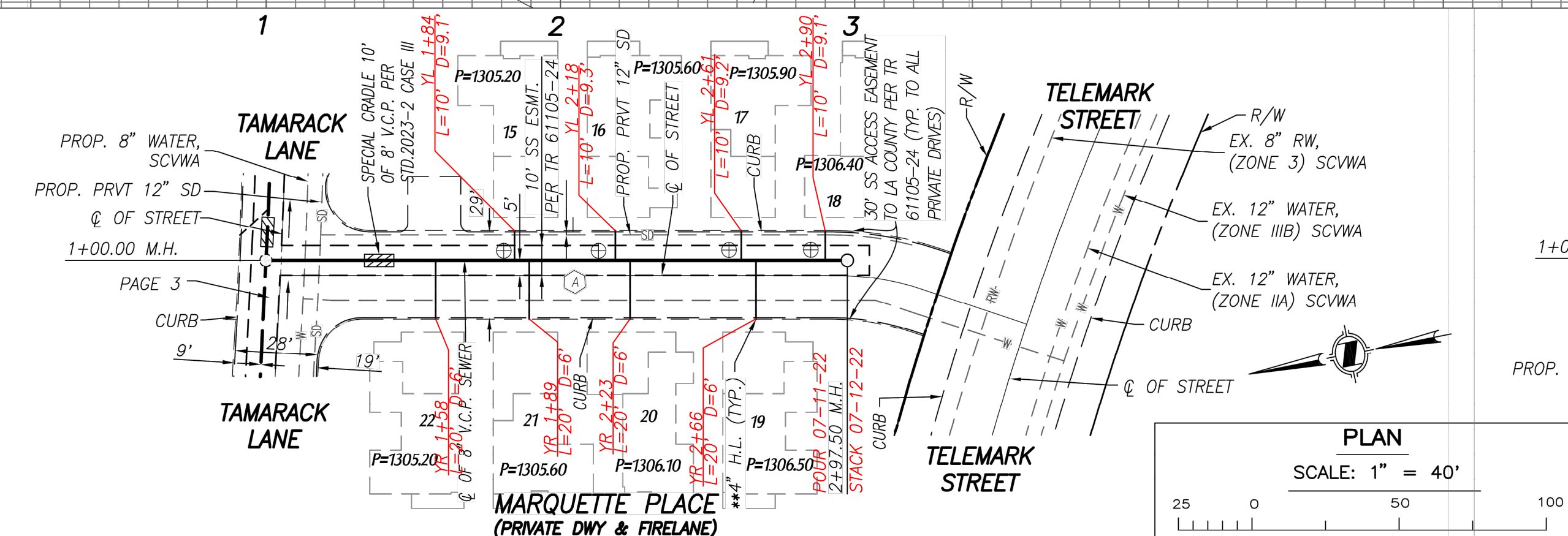
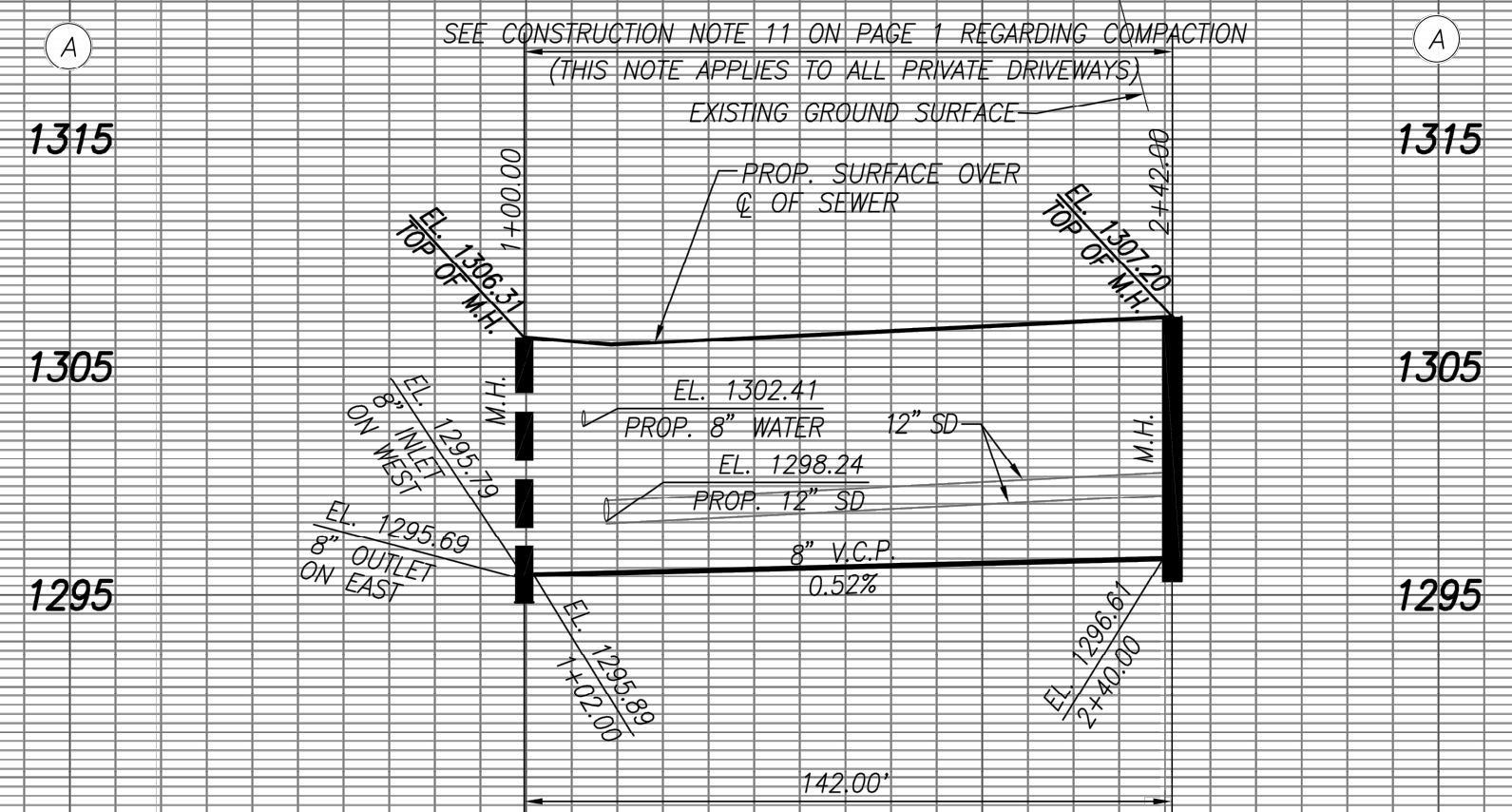
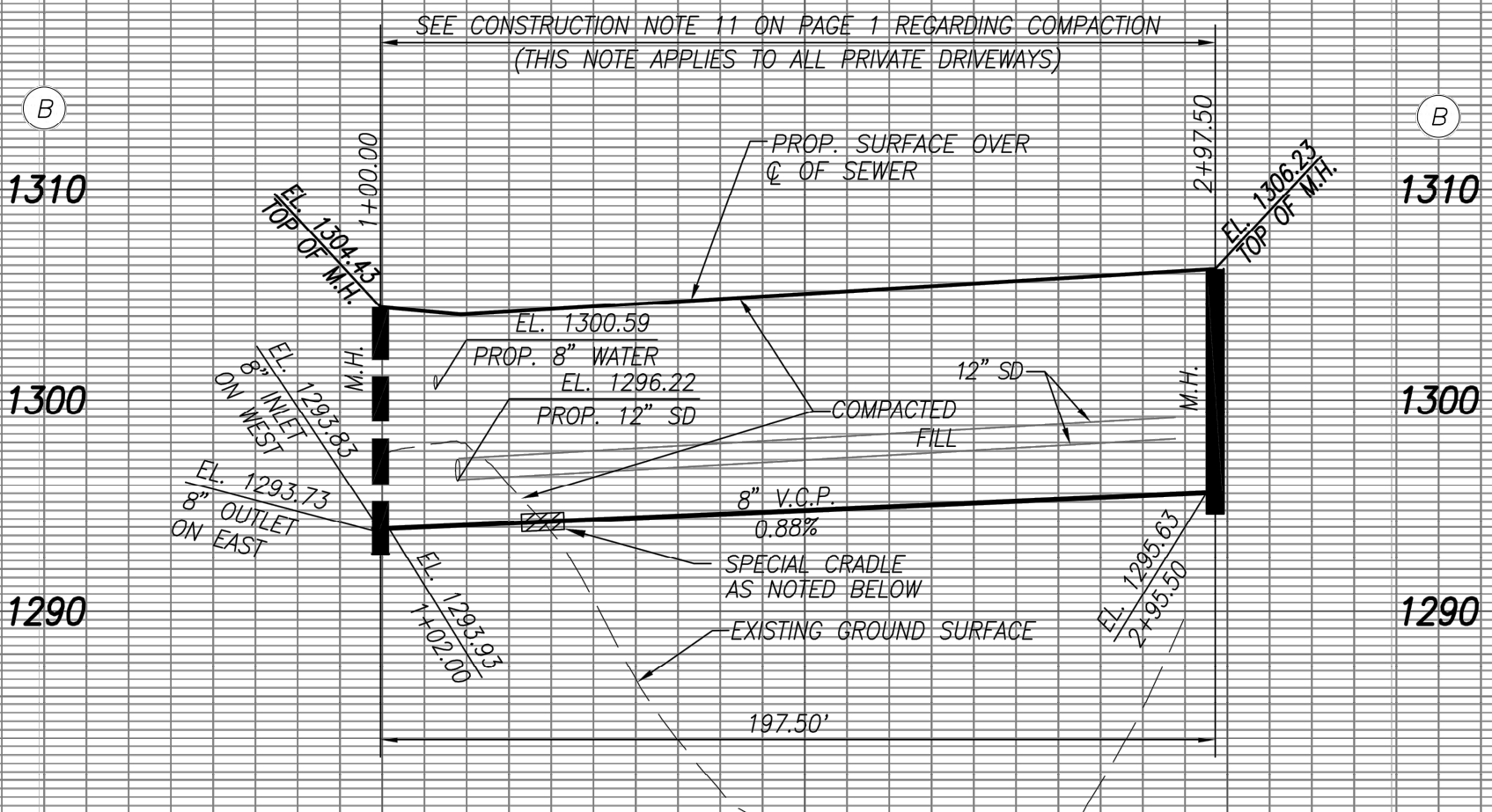
NO.	REVISION	REVISED BY	APPROVED BY	DATE

NOTE:  
\*\* BACKWATER VALVES MAY BE REQUIRED FOR UNITS 15-21 & 23-28 PER PLUMBING CODE SECTION 710.  
⊕ HOUSE LATERAL INVERTS TO BE CONSTRUCTED PER SEWER LATERAL TABLE ON PAGE 2  
\*\*\* ALL STORM DRAIN AND WATER IS PER SEPARATE PLAN AND PERMIT



SANITARY SEWER DATA TABLE

BEARING/Delta	LENGTH
N 11°13'11" E	197.50'
N 07°55'05" E	142.00'



NO LA COUNTY PUBLIC WORKS CHARGES FOR CONNECTION

SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR

SPECIAL CONNECTION CHARGES

TEL. (562) 908-4288 EX. 2727

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

DOUBLE SCALE

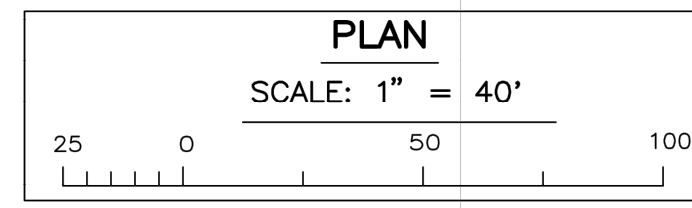
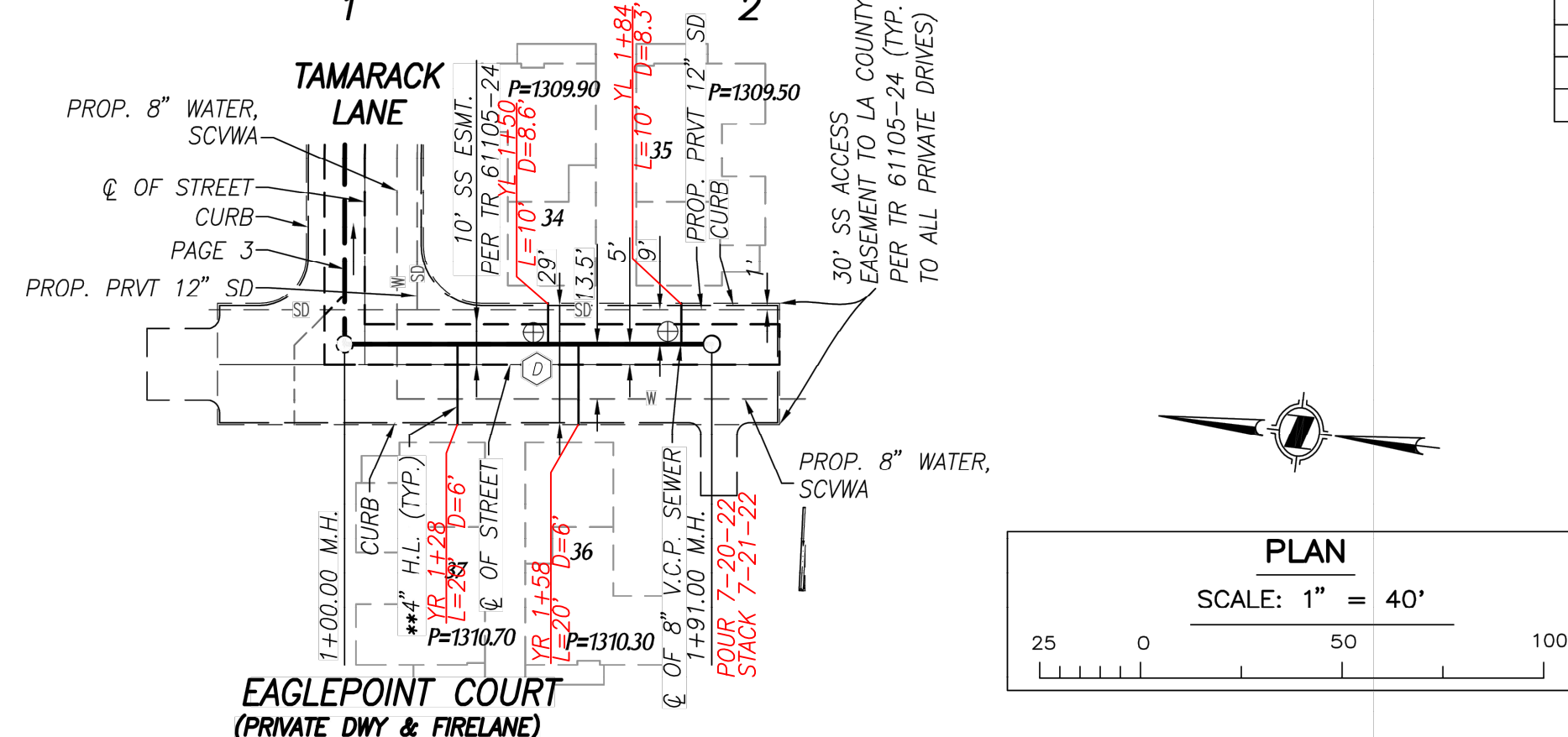
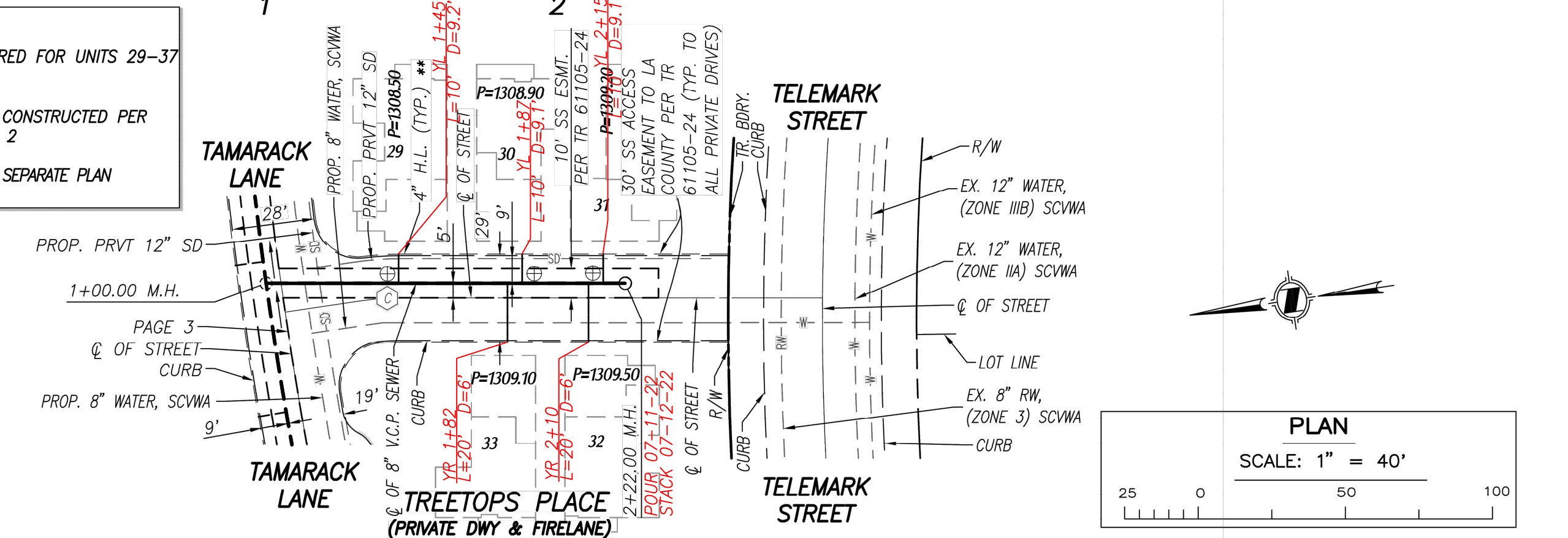
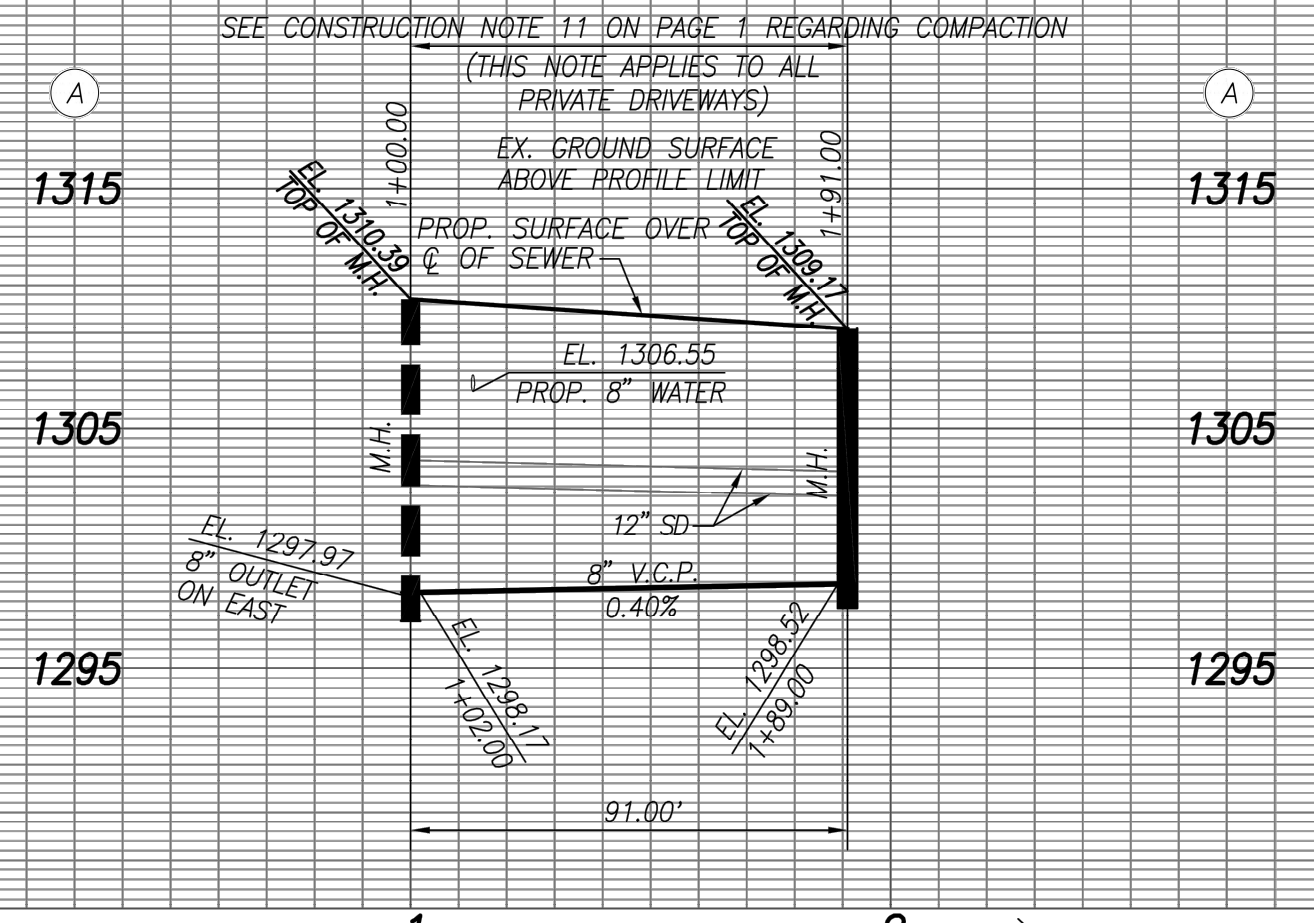
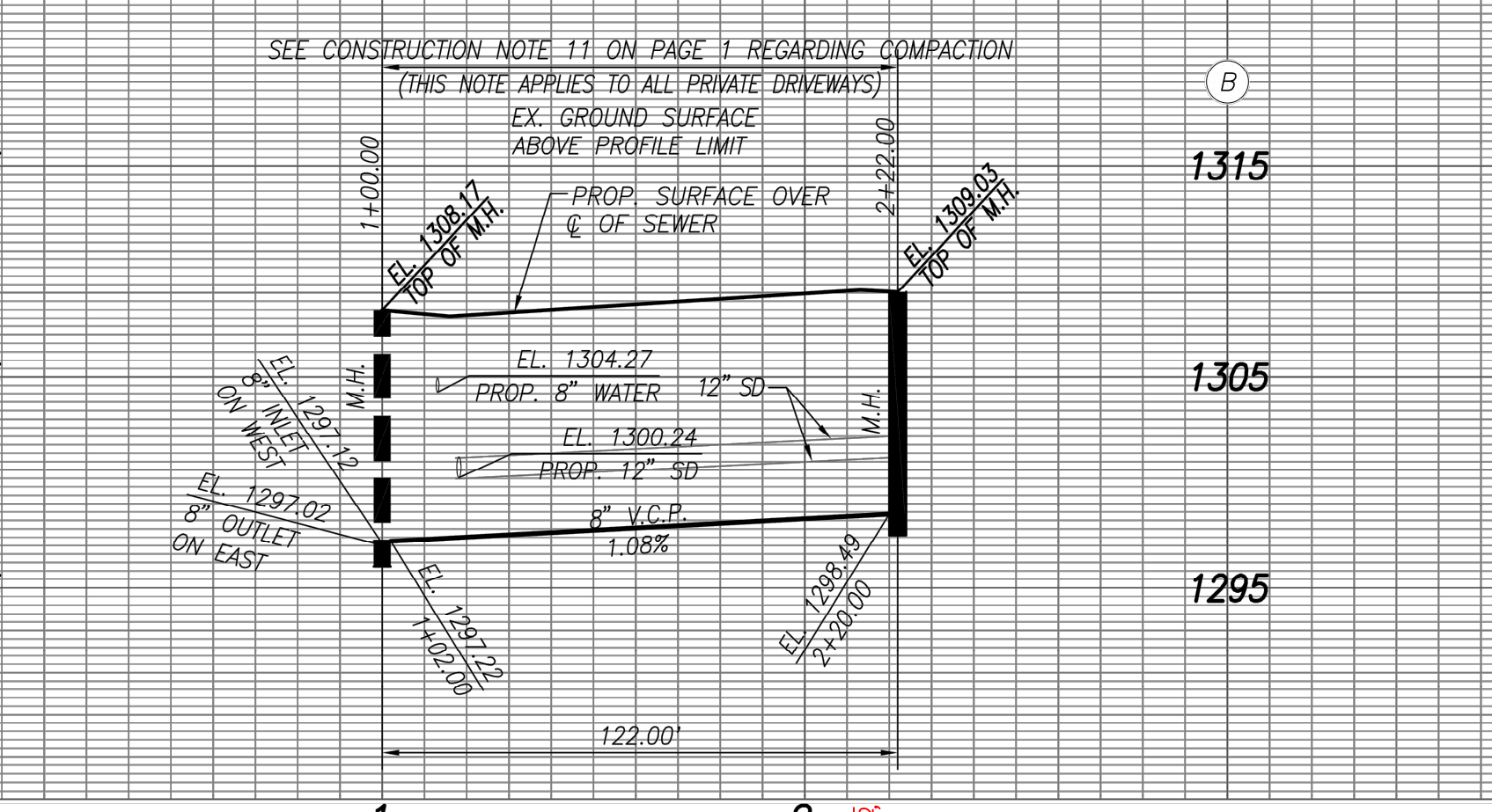
EIMP 2021000298

REVIEWED BY LAND DEVELOPMENT DIVISION

BY *[Signature]*  
SEWER PLAN CHECKING UNIT  
DATE 9/14/2021

NO.	REVISION	REVISED BY	APPROVED BY	DATE

NOTE:  
\*\* BACKWATER VALVES MAY BE REQUIRED FOR UNITS 29-37 PER PLUMBING CODE SECTION 710.  
⊕ HOUSE LATERAL INVERTS TO BE CONSTRUCTED PER SEWER LATERAL TABLE ON PAGE 2  
\*\*\* ALL STORM DRAIN AND WATER IS PER SEPARATE PLAN AND PERMIT



AS-BUILT



SANITARY SEWER DATA TABLE

BEARING/Delta	LENGTH
N 08°19'27" E	122.00'
N 06°34'42" W	91.00'