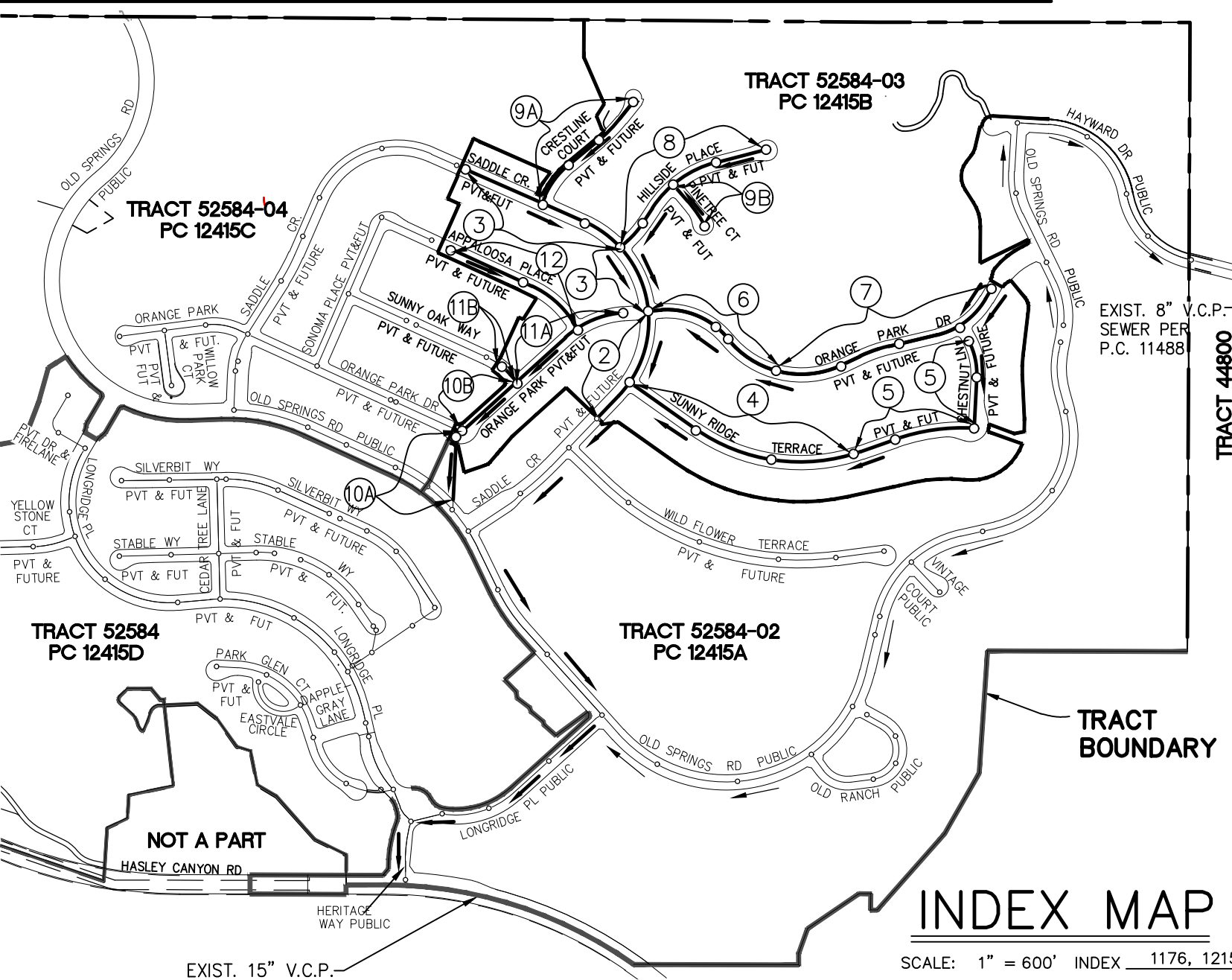


BENCHMARK: L 6096
 DESCRIPTION: LACO BM TAG
 LOCATION: LACO BM TAG IN N. CURB 33' N. OF C/L OF HASLEY CVN RD
 AT LIGHT STD.#4444855E (0.3 MI. W. OF GIBRALTAR LN).
 RECORDED FROM: NEWHALL QUAD. (2009)
 ELEVATION: 1210.210 DATUM: NAVD 88



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 OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC RIGHT-OF-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 RIGHT-OF-WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
 - ANY SLOPES WITH DISTURBED SOILS 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	NON-STORM WATER MANAGEMENT	WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL
E01 SCHEDULING	N01 WATER CONSERVATION PRACTICES	WM1 MATERIAL DELIVERY AND STORAGE
E02 PRESERVATION OF EXISTING VEGETATION	N02 WATERING OPERATIONS	WM2 MATERIAL USE
E03 SOIL EROSION CONTROL	N03 PAVING AND GRADING OPERATIONS	WM3 STOCKPILE MANAGEMENT
E04 HYDROSEEDING	N04 TEMPORARY STREAM CROSSING	WM4 SPILL PREVENTION AND CONTROL
E05 STRAW MULCH	N05 CLEAR WATER DIVERSION	WM5 SOIL CRACK MANAGEMENT
E06 GEOTEXTILES & MATS	N06 ILLUOIT CONNECTION/DISCHARGE	WM6 HAZARDOUS WASTE MANAGEMENT
E07 WOOD MULCH	N07 POTABLE WATER IRRIGATION	WM7 CONTAMINATION SOIL MANAGEMENT
E08 EARTH DIKES AND DRAINAGE SWALES	N08 VEHICLE AND EQUIPMENT CLEANING	WM8 SOLID WASTE MANAGEMENT
E09 VELOCITY DISSIPATION DEVICES	N09 VEHICLE AND EQUIPMENT FUELING	WM9 SANITARY/SEPTIC WASTE MANAGEMENT
E10 SLOPE DRAINS	N10 VEHICLE AND EQUIPMENT MAINTENANCE	WM10 LIQUID WASTE MANAGEMENT
E11 STREAMBANK STABILIZATION	N11 PILE DRIVING OPERATIONS	TEMPORARY SEDIMENT CONTROL
E12 RESERVED	N12 CONCRETE CURING	SE1 SILT FENCE
E13 COMPOST BLANKETS	N13 CONCRETE FINISHING	SE2 SEDIMENT BASIN
E14 SOIL PREPARATION/ROUGHENING	N14 MATERIAL AND EQUIPMENT USE	SE3 SEDIMENT TRAP
E15 NON-VEGETATED STABILIZATION	N15 DEMOLITION ADJACENT TO WATER	SE4 CHECK DAM
	N16 TEMPORARY BATCH PLANTS	SE5 FIBER ROLLS
		SE6 GRAVEL BAG BERM
		SE7 STREET SWEEPING AND VACUUMING
		SE8 STRAW BARRIER
		SE9 STORM DRAIN INLET PROTECTION
		SE10 ACTIVE TREATMENT SYSTEMS
		SE11 TEMPORARY SILT DIKE
		SE12 COMPOST SOCKS & BERMS
		SE14 BOLLER BARS

B. STANDARD NOTES:
 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.
 2014-1 RECTANGULAR SHALLOW MANHOLE.
 2015-1 RECTANGULAR MANHOLE FRAME AND COVER.
 2021-1 STANDARD MANHOLE STEP.
 2021-1 BEDDING FOR SEWER PIPE.
 2023-2 GRADING AND ENCASMENT.
 2024-1 WYE OR TEE SUPPORT.
 2026-1 EROSION PROTECTION IN STEEP SLOPES.
 2027-1 ALLOWABLE TRENCH WIDTHS.
 6008-1 MINIMUM PUBLIC SAFETY REQUIREMENTS.
 2100-1 REQUIREMENTS FOR SANITARY SEWERS NEAR WATER MAINS

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPWP)
200-3 PRECAST CONCRETE SEWER MANHOLE
204-2 TERMINAL CLEANOUT STRUCTURE
207-2 PRECAST REINFORCED CONCRETE MANHOLE BASE
208-2 BREAKING INTO EXISTING MANHOLES
220-3 CHIMNEYS
221-2 PIPE ANCHORS AND BACKFILL
222-2 HOUSE CONNECTION SEWER
223-2 HOUSE CONNECTION REMODELING
225-2 BLANKET PROTECTION FOR PIPES

LOS ANGELES COUNTY SANITATION DISTRICTS (LACSD) NOTES:

- NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE PLANS UNTIL A PERMIT FOR INDUSTRIAL WASTE WATER DISCHARGE HAS BEEN ISSUED BY CSD FOR SAID CONNECTION.
- LACSD WILL NOT OWN/OPERATE ANY FACILITIES SHOWN ON THE PLANS UNLESS ALREADY OWNED BY LACSD OR UNLESS OTHERWISE SPECIFIED OR NOTED ON THESE PLANS.
- PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, NOTIFY THE LACSD SUPERINTENDENT OF MAINTENANCE AT (661) 257-4809 TO REPORT COMPLETION OF THIS LOCAL SEWER THAT INDIRECTLY DISCHARGES INTO THE LACSD 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 [HTTPS://EPICALLACOUNTY.GOV](https://epicallacounty.gov) AT LEAST 4 WEEKS PRIOR TO YOUR DERIVED 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 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.
- WHEN WORK IS ENCROACHING INTO FLOOD CONTROL DISTRICT EASEMENT AND/OR CROSSING ITS FACILITIES, A FLOOD CONTROL PERMIT SHALL BE OBTAINED FROM THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT AT [HTTPS://EPICALLACOUNTY.GOV](https://epicallacounty.gov) AT LEAST 4 WEEKS PRIOR TO YOUR DERIVED START-UP DATE. IF YOU NEED ADDITIONAL INFORMATION, YOU MAY CONTACT LAND DEVELOPMENT DIVISION - PERMITS SECTION PUBLIC COUNTER AT 626-458-4921.
- 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 COUNTY OF LOS ANGELES 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.
- 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, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS.
- 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.
- 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 STATIONING FOR ALL HOUSE LATERALS AND ALL TRENCHES 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. ALL TRENCHES 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.

NOTICE TO CONTRACTOR

[BW] BACKWATER VALVES SHALL BE NECESSARY FOR LOTS LABELED WITH [BW]

LOTS 144-147, 149-151, 155-157 AND 163-164 ARE RESTRICTED FROM CONSTRUCTION OF BUILDINGS AND WILL NOT BE SERVED BY THIS SEWER.

EXISTING SEWER SYSTEM SHALL BE OPERATIONAL AT ALL TIMES DURING CONSTRUCTION UNLESS AFFECTED HOMEOWNERS AT LEAST 72 HRS IN ADVANCE.

ALL SANITARY SEWER MANHOLES SHAFTS AND FRAMES SHALL BE CONSTRUCTED WITH BUTYL RUBBER MASTIC JOINT SEALING COMPOUND OR APPROVED EQUAL BY 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 ACCEPTANCE.

ALL PROPOSED UTILITIES SHOWN ON THIS PLAN, EXCEPT SEWER, ARE TO BE CONSTRUCTED PER SEPARATE PLAN AND PERMIT.

THE DEVELOPER SHALL BE RESPONSIBLE FOR THE CONTINUED MAINTENANCE OF PC 12415B SANITARY SEWER UNTIL THE COUNTY FORMALLY ACCEPTS IT FOR MAINTENANCE. ALL MANHOLE, MANHOLES AND LATERALS SHALL BE PROTECTED FROM DAMAGE AND INFILTRATION.

ISSUE NO HOUSE LATERAL CONNECTION PERMITS UNTIL OUTLET SEWER PC 12415A IS ACCEPTED FOR USE BY THE COUNTY OF LOS ANGELES.

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.
- WITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "C" 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 WITRIFIED 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 (SPWC 203-2), OR PRECAST CONCRETE SEWER MANHOLES PER LACDPW STANDARD PLAN S-36 (SPWC 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 WORK 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. VERIFICATION 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 PRIOR TO THE CONSTRUCTION OF SANITARY SEWER IF APPLICABLE.
- 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" 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 EXTRA STRENGTH WITRIFIED CLAY PIPE OR DUCTILE IRON PIPE OR OTHER APPROVED MATERIALS BY THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS.
- ALL DUCTILE IRON PIPE SHALL BE LINED WITH PROTECTO 401 CERAMIC EPOXY LINING.
- CURBED IN PLACE PIPE LINER SHALL BE USED FOR ALL EXTRA WITRIFIED CLAY PIPE IF LINING IS REQUIRED.
- ALL CHIMNEYS SHALL HAVE TERMINAL CLEANOUT STRUCTURE PER SPWP STD. PLAN 204-2 WITH TRAFFIC RATED FRAME AND COVER.

PROFILE, ALIGNMENT, AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED
 TRACT NO. 52584-03
 PC NO. 12415B
 6 SHEETS: 12 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 CSMD INDEX 1176.1215
 EIMP 2018000333

MARK PESTRELLA LA COUNTY DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 DATE: 5/20/2020
 BY: Assistant Division Engineer
 DATE: 05-20-20
 SUBMITTED: Jalisco D. Palomo
 DATE: 05-20-20
 BY: FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION DATE

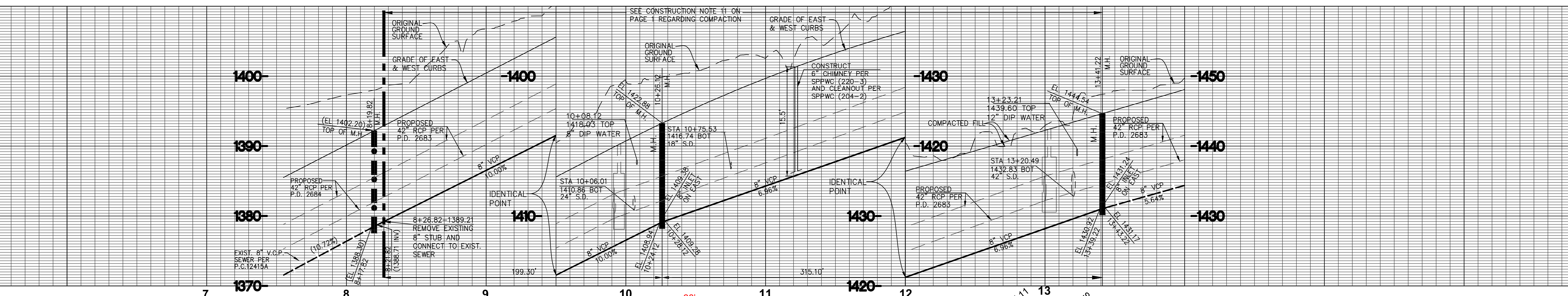
SANTA CLARITA VALLEY SANITATION DISTRICT
 OF LOS ANGELES COUNTY, CALIFORNIA
 ROBERT C. FERRANTE - CHIEF ENGINEER AND GENERAL MANAGER
 APPROVED BY: Anthony Howard
 DATE: 7/15/2020 | 4:28 PM
 FOR OFFICE ENGINEER DATE



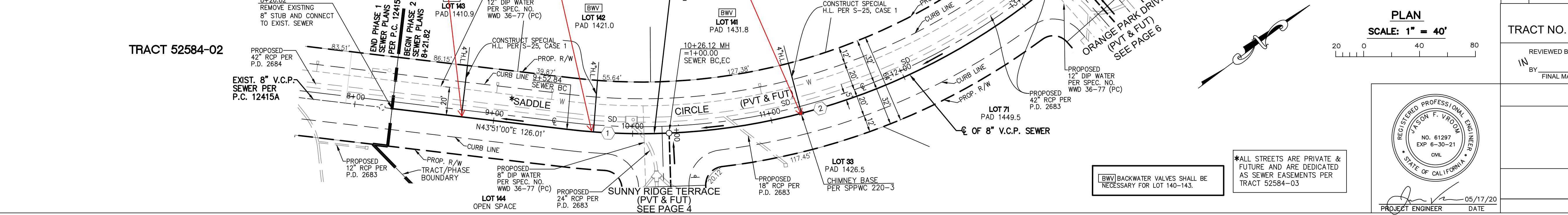
ENGINEER'S/SURVEYOR'S STATEMENT REGARDING THE PRESENCE OF MONUMENTS WITHIN PROJECT LIMITS
 I HEREBY ATTEST THAT I HAVE LOCATED AND REFERENCED ON THESE PLANS THE MONUMENTS EXISTING PRIOR TO CONSTRUCTION TO ENSURE PERSISTENCE OF THEIR LOCATION IN ACCORDANCE WITH SECTION 8771 OF THE BUSINESS AND PROFESSIONS 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 THE REQUISITE CORNER RECORD OR RECORD OF SURVEY OF THE REFERENCES WITH THE COUNTY SURVEYOR.
 Michael A. Kennard
 DATE: 05/17/20
 ENGINEER/SURVEYOR SEAL AND SIGNATURE

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 UTILITY TELEPHONE LINES.
 DATE: 05/17/20
 PROJECT ENGINEER RCE NO. 61297 DATE

NO.	REVISION	REVISED BY	SMD APPROVAL	DATE	CITY APPROVAL	DATE



BASIS OF BEARINGS
 THE BEARINGS SHOWN HEREON AS BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 2, TOWNSHIP 5 NORTH RANGE 17 WEST, SAN BERNARDINO MERIDIAN, SHOWN AS N89°51'27"W ON THE MAP OF TRACT NO. 52584-03, FILED IN BOOK 1329 PAGES 53 THROUGH 68, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY.

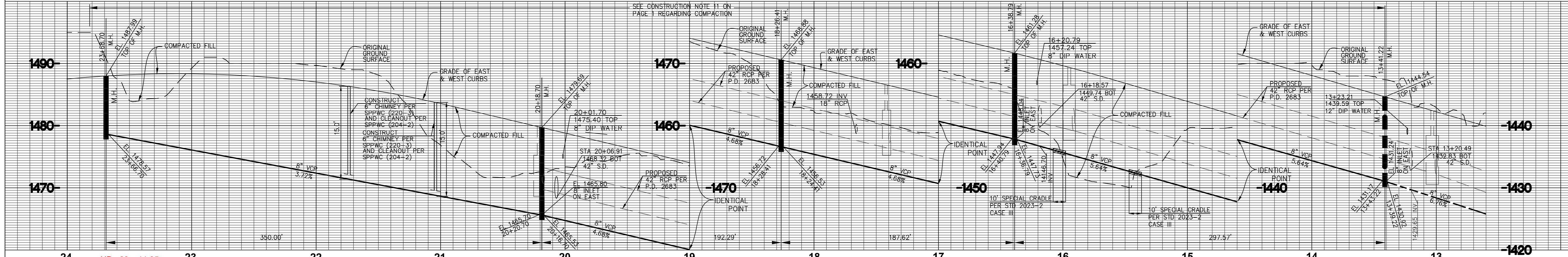


EIMP2018000333 P.C. 12415B PAGE 2

NO L.A. Co. CHARGES FOR CONNECTIONS FOR CONNECTION: SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES TEL: (562) 908-4268 EX. 2727
 SCALE: HORIZ. 1" = 40' VERT. 1" = 8'

NO.	REVISION	REVISED BY	APPROVED BY	DATE

SANITARY SEWER PLANS IN
 TRACT NO. 52584-03 PC NO. 12415B
 REVIEWED BY LAND DEVELOPMENT DIVISION
 IN: 5/20/2020
 BY: FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION DATE
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
 ALLIANCE LAND PLANNING & ENGINEERING INC.
 2248 FARADAY AVE. CARLSBAD, CA 92008
 TEL: (760) 431-8896
 FAX: (760) 431-8802
 27413 TOURNAY ROAD SUITE 120 VALENCIA, CA 91355
 TEL: (661) 799-2760
 PROJECT ENGINEER DATE: 05/17/20



SEWER CURVE DATA

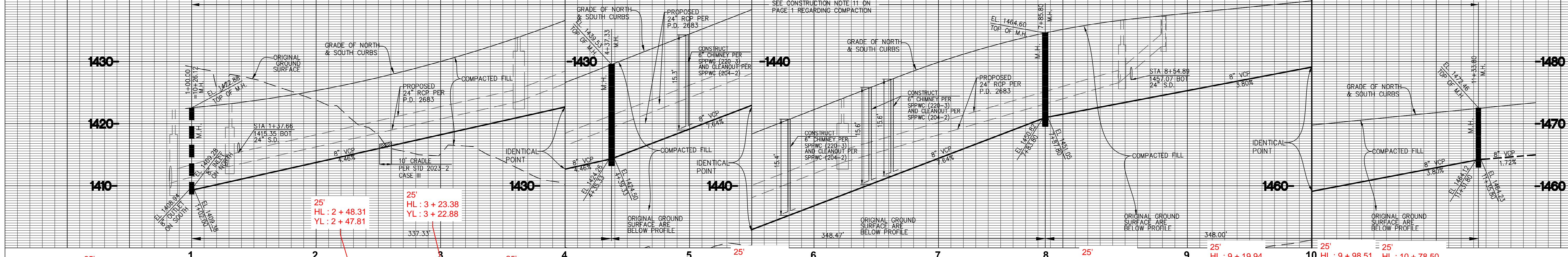
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NO L.A. Co. CHARGES FOR CONNECTIONS
FOR CONNECTION: SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
SCALE: HORIZ. 1" = 40'
VERT. 1" = 8'



PLAN SCALE: 1" = 40'

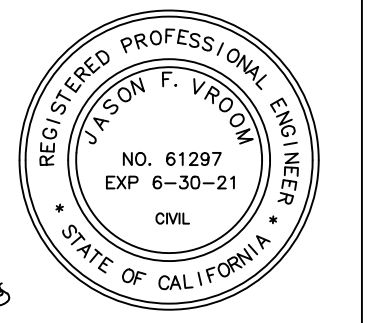
REVIEWED BY LAND DEVELOPMENT DIVISION
DATE: 5/20/2020



SEWER CURVE DATA

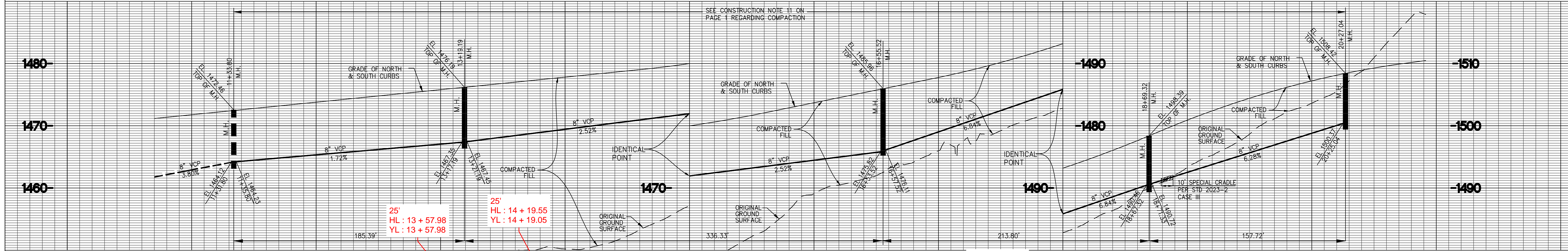
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NO L.A. Co. CHARGES FOR CONNECTIONS
FOR CONNECTION: SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
SCALE: HORIZ. 1" = 40'
VERT. 1" = 8'



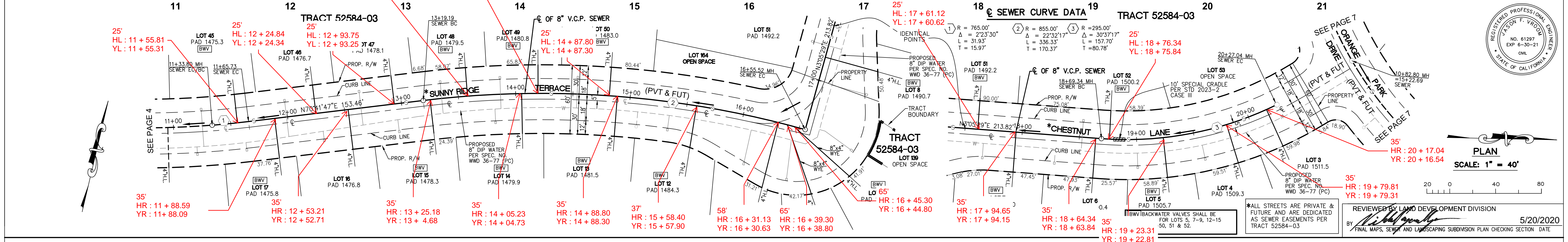
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REVIEWED BY LAND DEVELOPMENT DIVISION
DATE: 5/20/2020



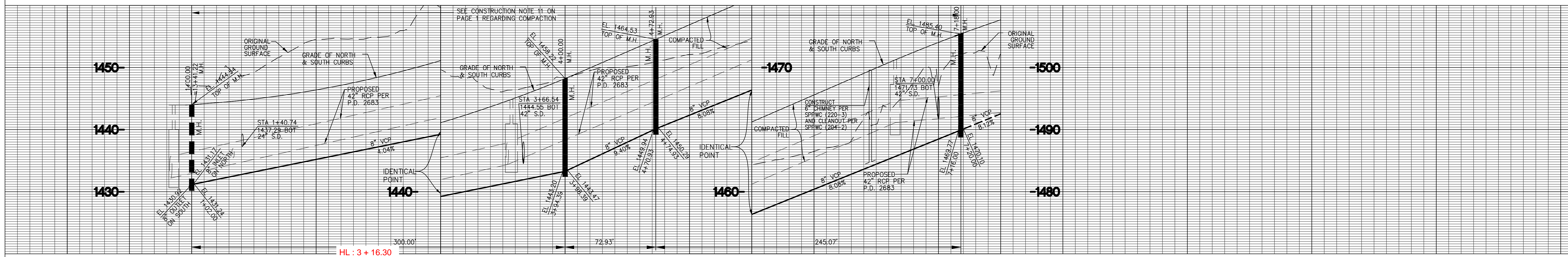
NO L.A. Co. CHARGES FOR CONNECTIONS
 FOR CONNECTION: SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
 TEL: (562) 908-4288 EX. 2727
 SCALE: HORIZ. 1" = 40'
 VERT. 1" = 8'

PROJECT NO. 25284-03 BC 13412B



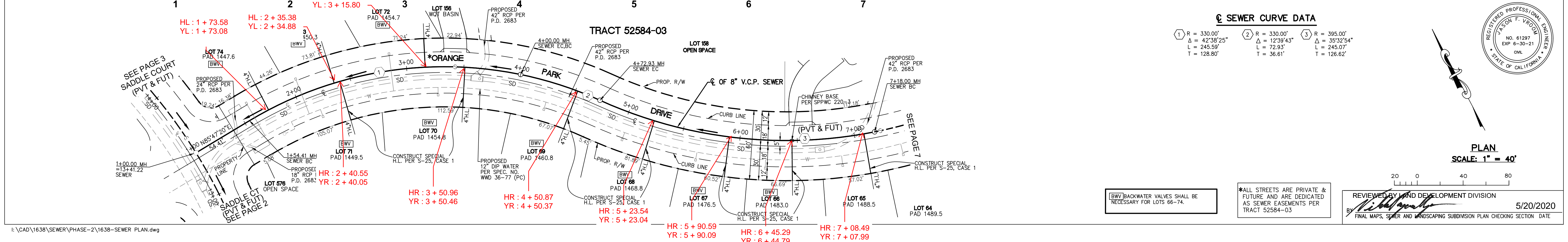
PLAN
 SCALE: 1" = 40'

REVIEWED BY LAND DEVELOPMENT DIVISION
 5/20/2020
 FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION DATE



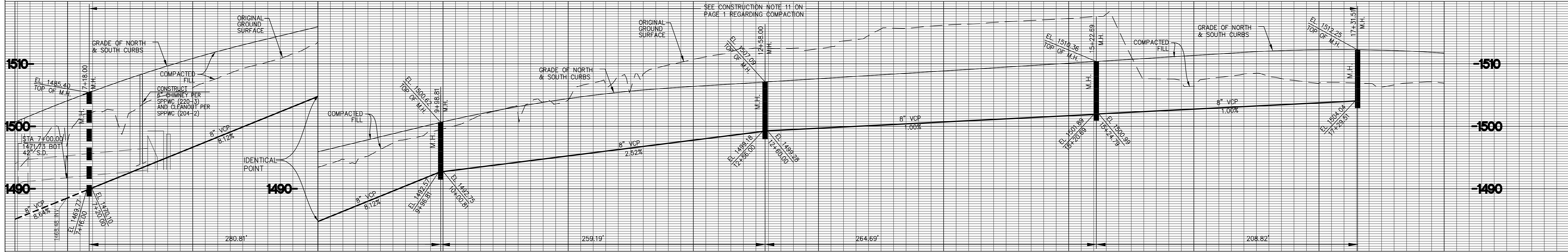
NO L.A. Co. CHARGES FOR CONNECTIONS
 FOR CONNECTION: SEE LOS ANGELES COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
 TEL: (562) 908-4288 EX. 2727
 SCALE: HORIZ. 1" = 40'
 VERT. 1" = 8'

PROJECT NO. 25284-03 BC 13412B



PLAN
 SCALE: 1" = 40'

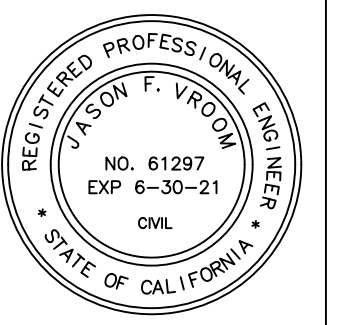
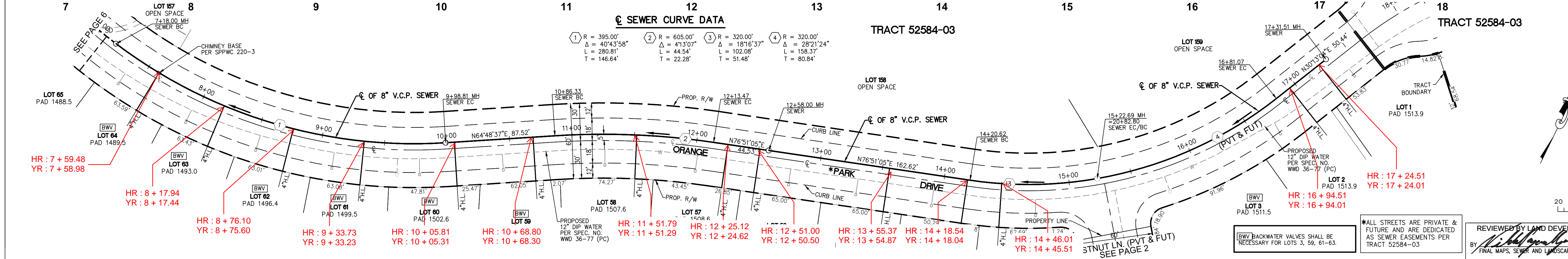
REVIEWED BY LAND DEVELOPMENT DIVISION
 5/20/2020
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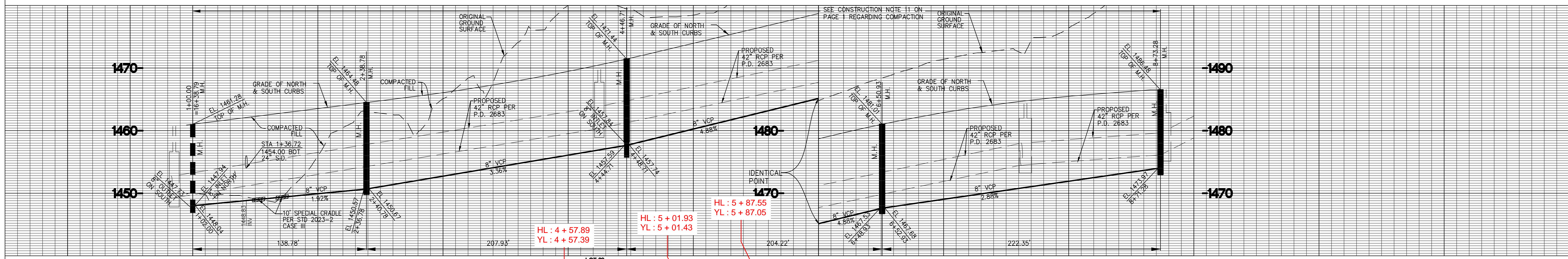
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SEWER CURVE DATA

① R = 395.00' Δ = 40°43'58" L = 280.81' T = 146.64'	② R = 605.00' Δ = 41°37'07" L = 44.54' T = 22.28'	③ R = 320.00' Δ = 18°16'37" L = 102.08' T = 51.48'	④ R = 320.00' Δ = 28°21'24" L = 158.37' T = 80.84'
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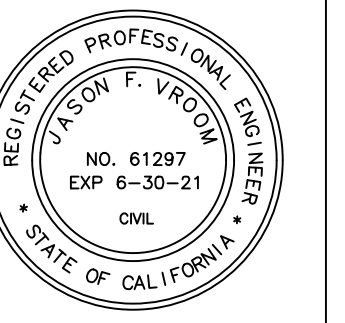
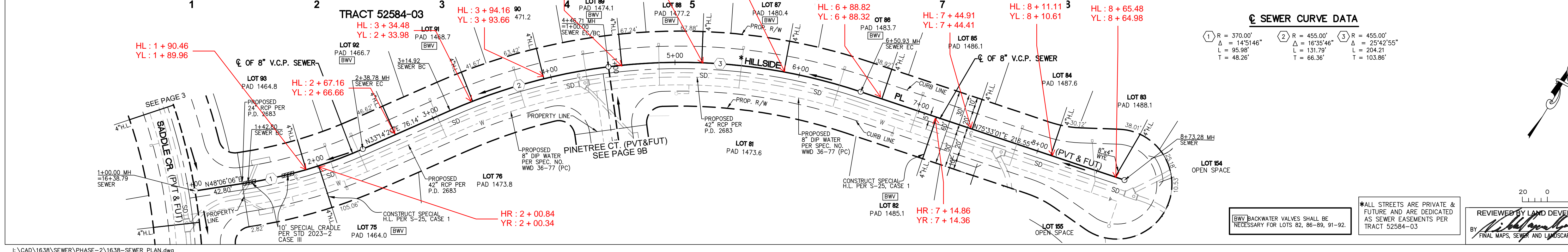
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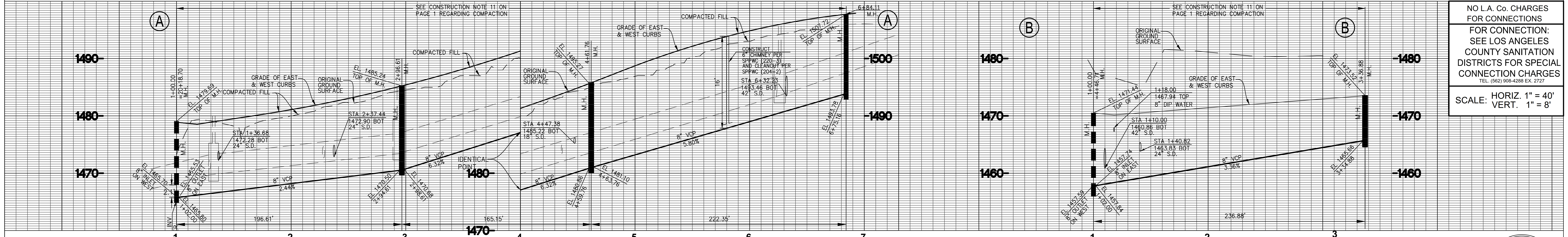
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SEWER CURVE DATA

① R = 370.00' Δ = 14°51'46" L = 95.98' T = 48.26'	② R = 455.00' Δ = 16°35'46" L = 131.79' T = 66.36'	③ R = 455.00' Δ = 25°42'55" L = 204.21' T = 103.86'
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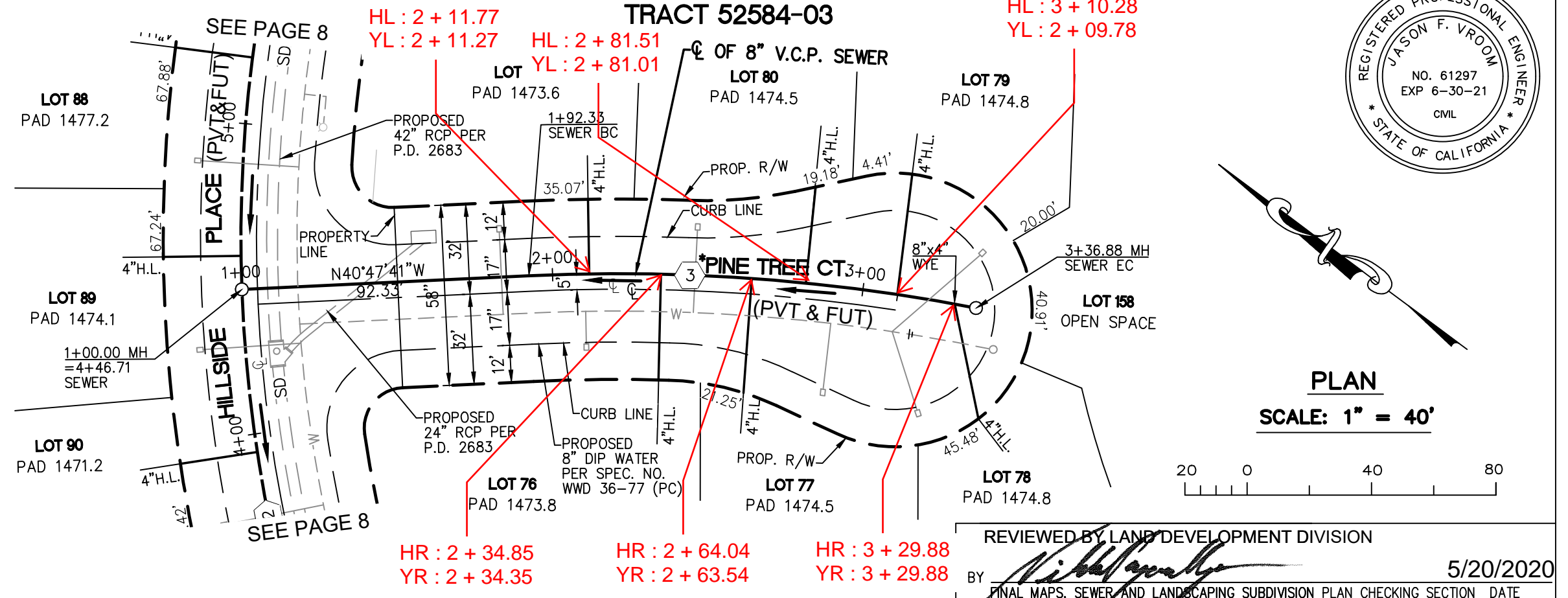
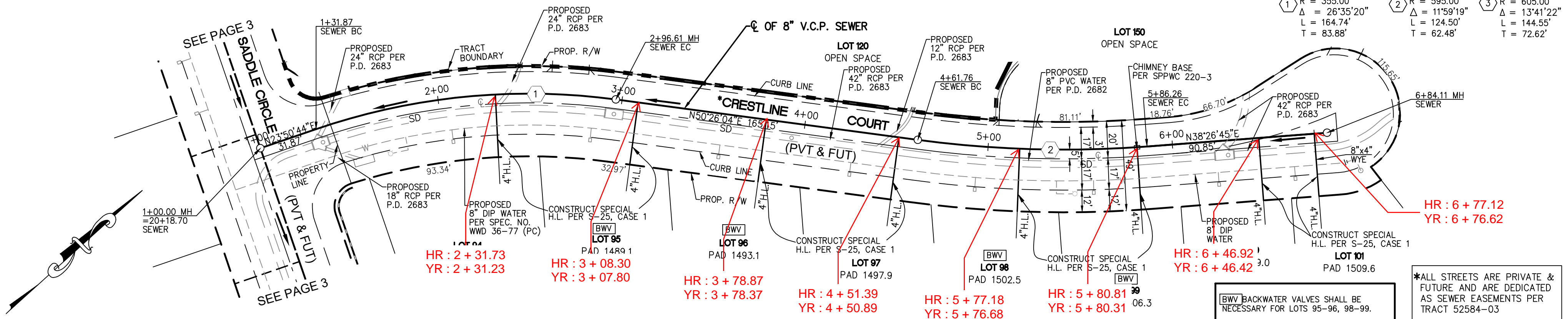
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TRACT NO. 03-25284-03 BC 13412B

TRACT 52584-03

SEWER CURVE DATA

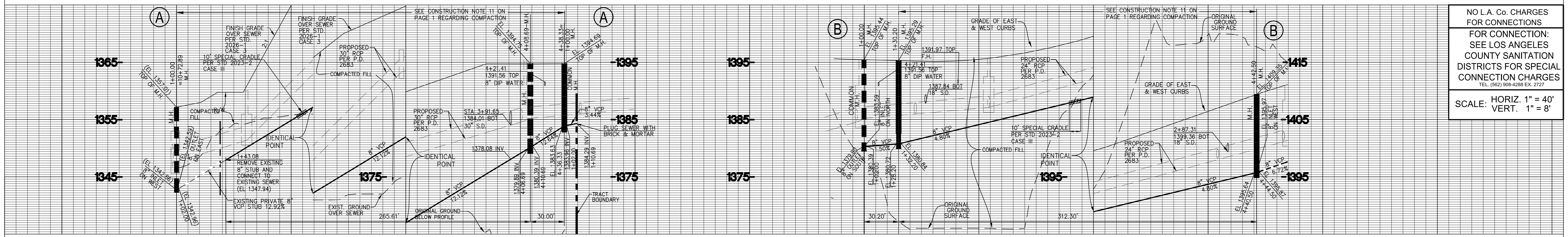
① R = 355.00' Δ = 26°35'20" L = 164.74' T = 83.88'	② R = 595.00' Δ = 11°59'19" L = 144.55' T = 62.48'	③ R = 605.00' Δ = 13°41'22" L = 144.55' T = 72.62'
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REGISTERED PROFESSIONAL ENGINEER
 JASON F. VROUW
 NO. 61297
 EXP. 6-30-21
 CIVIL
 STATE OF CALIFORNIA

PLAN
 SCALE: 1" = 40'

REVIEWED BY LAND DEVELOPMENT DIVISION
 BY: [Signature]
 FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION DATE 5/20/2020

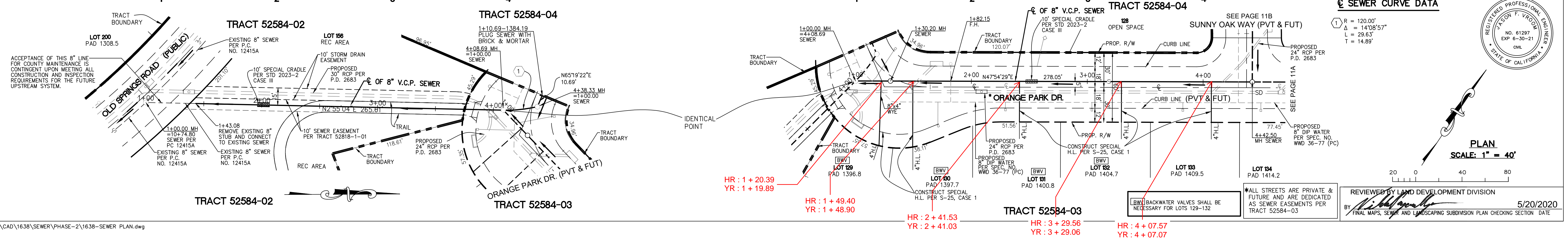


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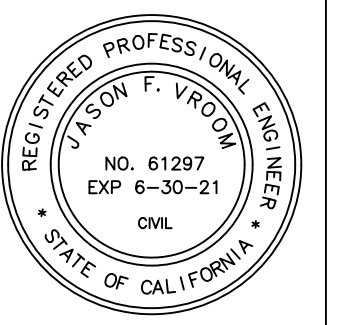
PLAN
 SCALE: 1" = 40'

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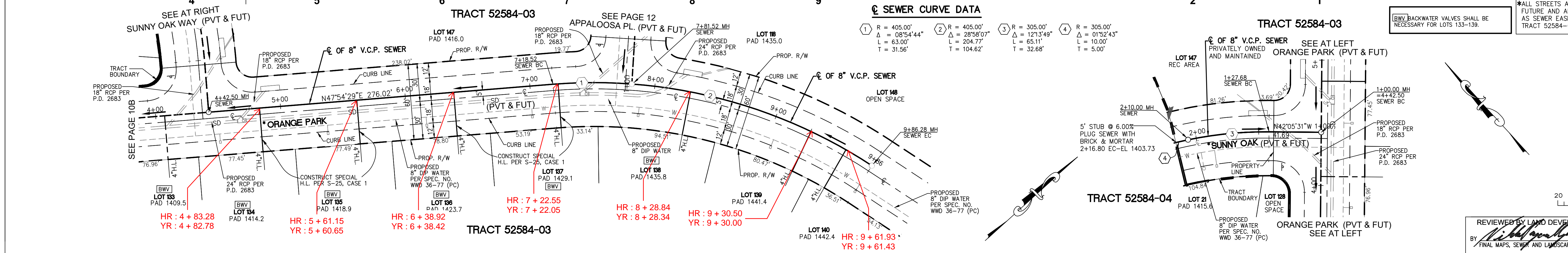
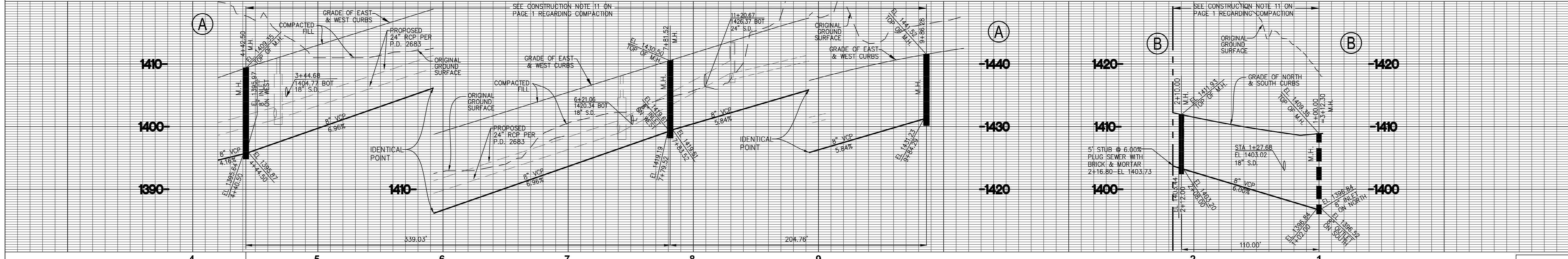
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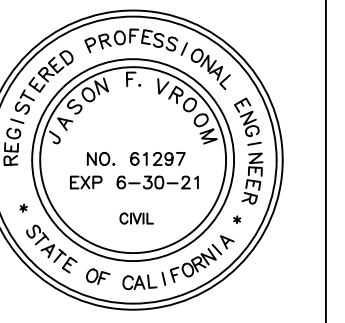


PLAN SCALE: 1" = 40'

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