

PRIVATE CONTRACT SEWER GENERAL NOTES

1. A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE 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.
2. 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. THE DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF THE INSURANCE POLICY.
3. 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.
4. WHEN WORK IS WITHIN A CONTRACT CITY, THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY, TO DETERMINE THE LOCATION TO PAY THE INSPECTION FEE.
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 OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", INCLUDING SUPPLEMENTS AND THE LATEST "SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER" AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
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 LOS ANGELES DEPARTMENT OF PUBLIC WORKS' STANDARD PLAN 6008-1.
9. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
10. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
11. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
12. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS, OR CENTERLINE OF ALLEYS, ARE 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 DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "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.
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.

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. VITRIFIED 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 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.
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 DIRECTOR OF PUBLIC WORKS.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER LACDPW STANDARD PLAN S-3 (APWA 203-0), OR PRECAST CONCRETE SEWER MANHOLES PER LACDPW STANDARD PLAN S-36 (APWA 200-2), OR REINFORCED PRECAST CONCRETE 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 306-1.3.4. 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 PERMITEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
11. ALL BACKFILL AND FILLS OUTSIDE OF THE STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% 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 CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO THE ACCEPTANCE OF THE WORK BY THE COUNTY.
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 SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AND "SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER"
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' APART AND WHEN POSSIBLE NOT CLOSER THAN 5' TO ANY MANHOLE.

F REQUIRED FOR 50-53, 55, 56

RMIT FOR MADE.

PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT NO. 31803-03 PC NO. 11811

2 SHEETS: 4 PAGES

COUNTY OF LOS ANGELES CALIFORNIA

INDEX N-1373

DONALD L. WOLFE DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: *[Signature]* DATE: 1/6/07
 ASSISTANT DIVISION ENGINEER
 SUBMITTED BY: *[Signature]* DATE: 1/9/07
 SUBDIVISION PLAN CHECKING SECTION

APPROVED: SANTA CLARITA VALLEY SANITATION DISTRICT
 OF LOS ANGELES COUNTY CALIFORNIA
 STEPHEN R. MAWBY - CHIEF ENGINEER AND GENERAL MANAGER
 BY: *[Signature]* DATE: 4/11/07
 OFFICE ENGINEER

CITY OF SANTA CLARITA DISCHARGE APPROVAL
 BY: *[Signature]* DATE: 2/14/07
 CITY 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 1-800-422-4133 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

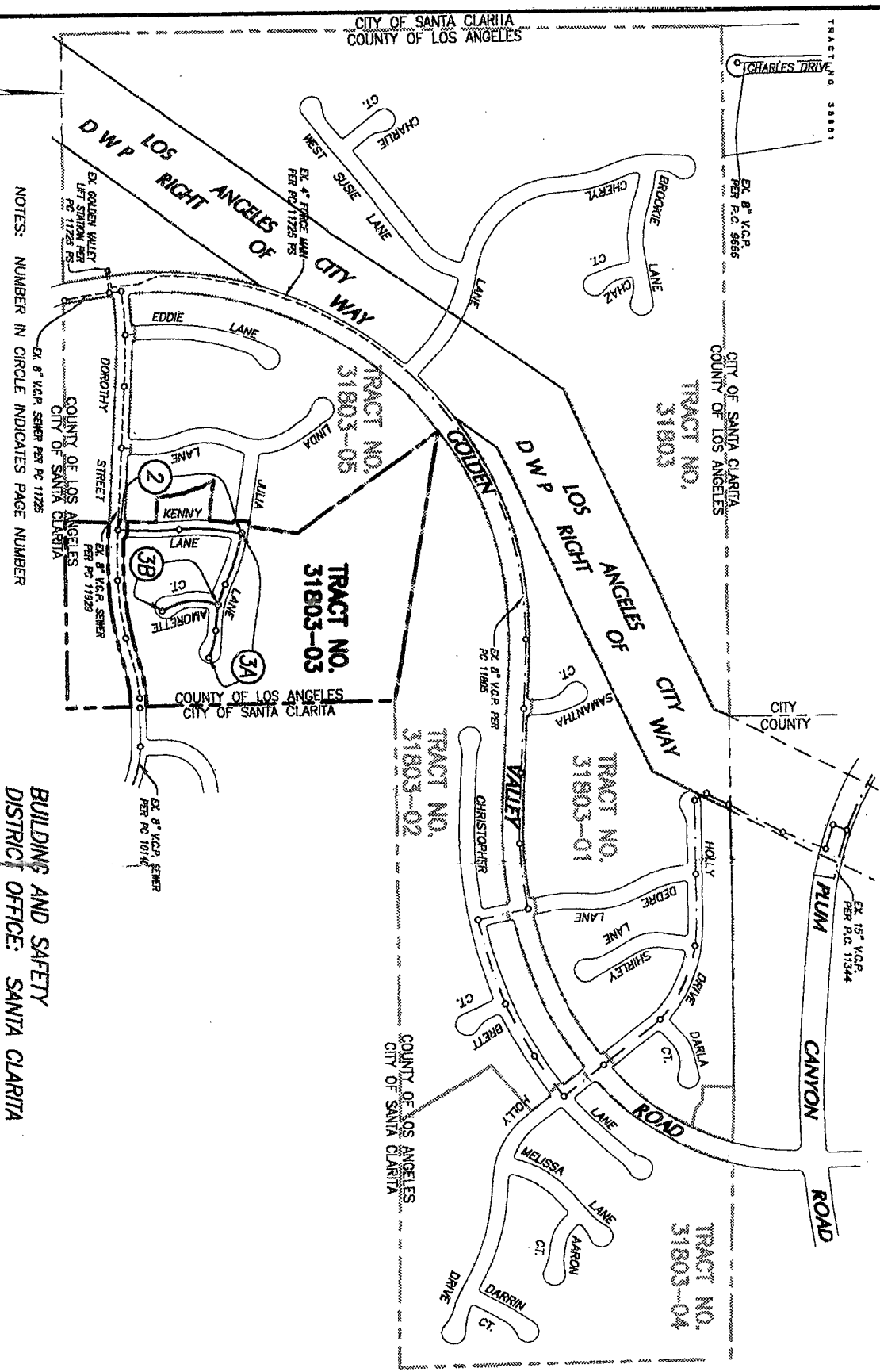
AC Builders

BENCH MARK

B.M.: L5286

DPW BM Tag in west curb, 5.0ft.
n/o BCR @ NW Cor. Plum Canyon Rd. &
Via Joyce Drive, 84ft. north and 20ft.
west of CL intersection.

ELEV.: 1424.00



STORMWATER POLLUTION PLAN NOTES:

- A. NOTES:
1. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
 2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING BY THE FORCES OF WIND OR WATER.
 3. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LIST CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN PROPER MANNER. SPILLS MAY NOT BE SYSTEMS.
 4. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEMS MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
 5. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO RAINWATER AND DISPERSAL OF WIND.
 6. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CON MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY ACCIDENT SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
 7. ANY SLOPES WITH DISTURBED SOILS DENuded OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION. THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE "BEST MANAGEMENT PRACTICE HANDBOOK QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA 2003," OR THE LATEST REVISED EDITION, MAY APPLY DURING PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY COUNTY INSPECTORS):

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|--|--|--|---------------------------------------|
| TEMPORARY SOIL STABILIZATION | SS-1 SCHEDULING | WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL | WM-1 MATERIAL DELIVERY AND STORAGE |
| SS-2 PRESERVING OF EXISTING VEGETATION | SS-3 HYDRAULIC MULCH | WM-2 MATERIAL USE | WM-3 STOCKPILE MANAGEMENT |
| SS-4 HYDROSEEDING | SS-5 SOIL BINDERS | WM-4 SPILL PREVENTION AND CONTROL | WM-5 SOLID WASTE MANAGEMENT |
| SS-6 STRAW MULCH | SS-7 GEOTEXTILES AND MATS | WM-6 HAZARDOUS WASTE MANAGEMENT | WM-7 CONTAMINATED SOIL MANAGEMENT |
| SS-8 WOOD MULCHING | SS-9 EARTH DIKES/DRAINAGE SWALES & LINED DITCHES | WM-8 CONCRETE WASTE MANAGEMENT | WM-9 SANITARY/SEPTIC WASTE MANAGEMENT |
| SS-10 OUTLET PROTECTION/VELOCITY DISSIPATION DEVICES | SS-11 SLOPE DRAINS | WM-10 LIQUID WASTE MANAGEMENT | |
| SS-12 STREAMBANK STABILIZATION | | | |
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- | | | | |
|--------------------------------------|--|------------------------------------|------------------------------------|
| TRACKING CONTROL | TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT | TEMPORARY SEDIMENT CONTROL | SC-1 SILT FENCE |
| TC-2 STABILIZED CONSTRUCTION ROADWAY | TC-3 ENTRANCE/OUTLET TIRE WASH | SC-2 SEDIMENT/DESILTING BASIN | SC-3 SEDIMENT TRAP |
| | | SC-4 CHECK DAM | SC-5 FIBER ROLLS |
| | | SC-6 GRAVEL BAG BERM | SC-7 STREET SWEEPING AND VACUUMING |
| | | SC-8 SANDBAG BARRIER | SC-9 STRAW BALE BARRIER |
| | | SC-10 STORM DRAIN INLET PROTECTION | |

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS THE FOLLOWING LATEST REVISED STANDARD PLANS ON IN THE OFFICE OF THE FOLLOWING DEPARTMENT SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT

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|--------|---|-------|-----------------------------|
| 2000-0 | LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS. | | |
| 2002-1 | PRECAST CONCRETE SHALLOW MANHOLE | | |
| 2003-2 | REINFORCED PRECAST CONCRETE MANHOLE | | |
| 2015-1 | STANDARD MANHOLE STEP | | |
| 2021-1 | BEDDING FOR SEWER PIPE | | |
| 2023-2 | CRADLING AND ENCASUREMENT | | |
| 2024-1 | WYE OR TEE SUPPORT | | |
| 2027-0 | ALLOWABLE TRENCH WIDTHS | | |
| 2028-1 | JACKING STEEL CASING FOR SEWER PIPE | | |
| 6008-1 | MINIMUM PUBLIC SAFETY REQUIREMENTS | | |
| | AMERICAN PUBLIC WORKS ASSOCIATION | | |
| 207-1 | PRECAST REINFORCED CONCRETE MANHOLE BASE | 220-2 | CHIMNEYS |
| 208-1 | BREAKING INTO EXISTING MANHOLES | 222-1 | HOUSE CONNECTION SEWER |
| 210-2 | MANHOLE FRAME AND COVER LOCKING TYPE | 221-1 | ANCHOR BLOCKS |
| | | 223-1 | HOUSE CONNECTION REMODELING |

NOTES:
NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE PLANS. INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTIONS

BEFORE BREAKING INTO OR CONSTRUCTING A SANITATION DISTRICTS' SEWER AND PRIOR TO FINAL ACCEPTANCE SANITATION DISTRICTS' INSPECTOR SHALL BE NOTIFIED BY TELEPHONE AT (661) 266-4683 SO THAT REQUIREMENTS CAN BE MET.

NOTICE TO CONTRACTOR:
MAINTAIN SEWER FLOW AT ALL TIMES DURING CONSTRUCTION.

ISSUE NO HOUSE LUMP SUM CHARGE FOR PUMP STATION PC. ACCEPTED FOR PUBLIC WORKS.

NO.	REVISION	REVISED BY	APPROVED BY	DATE

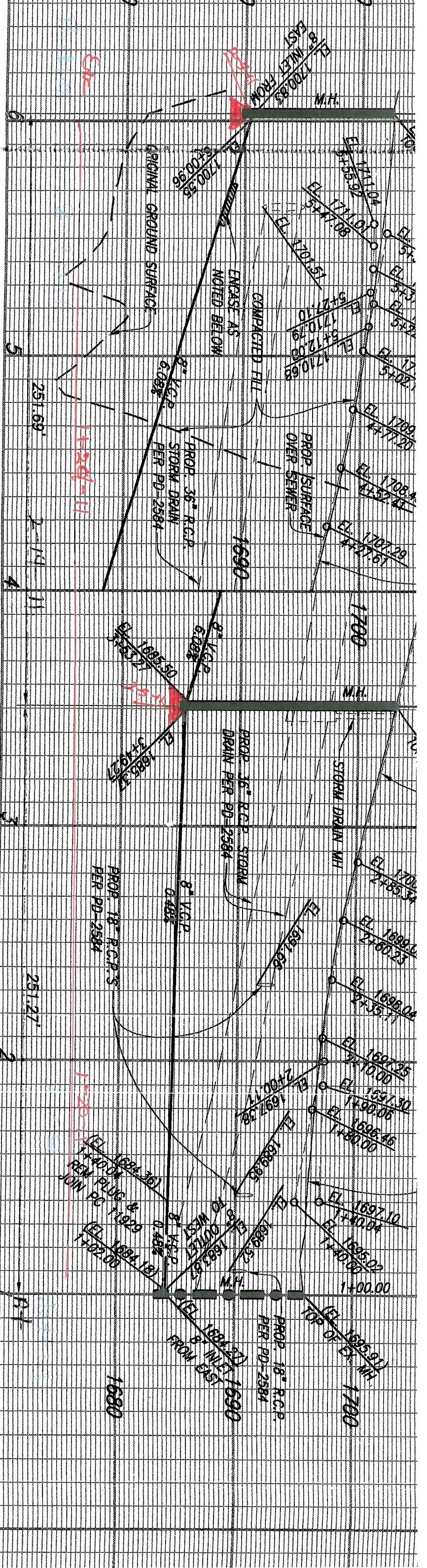
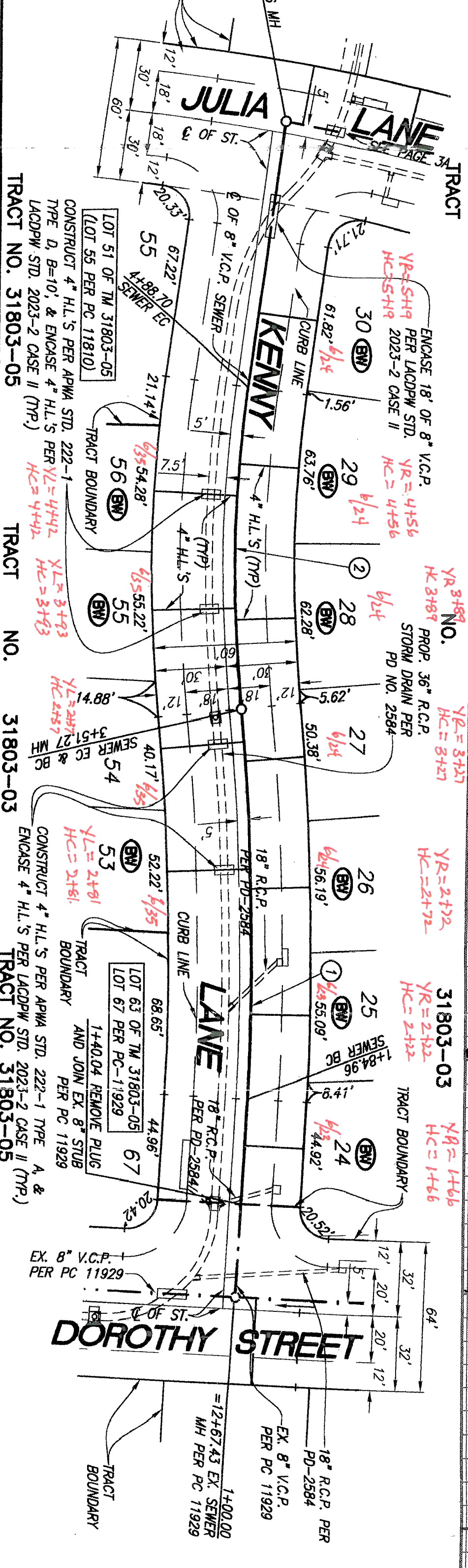
ISSUE NO HOUSE LUMP SUM CHARGE FOR PUMP STATION PC. ACCEPTED FOR PUBLIC WORKS.

TRACT NO. 31803-05
 CONSTRUCT 4" H.L.'S PER APWA STD. 222-1 TYPE D, B=10", & ENCASE 4" H.L.'S PER VL=4442 LACDPW STD. 2023-2 CASE II (TRP.)
 HC=4442

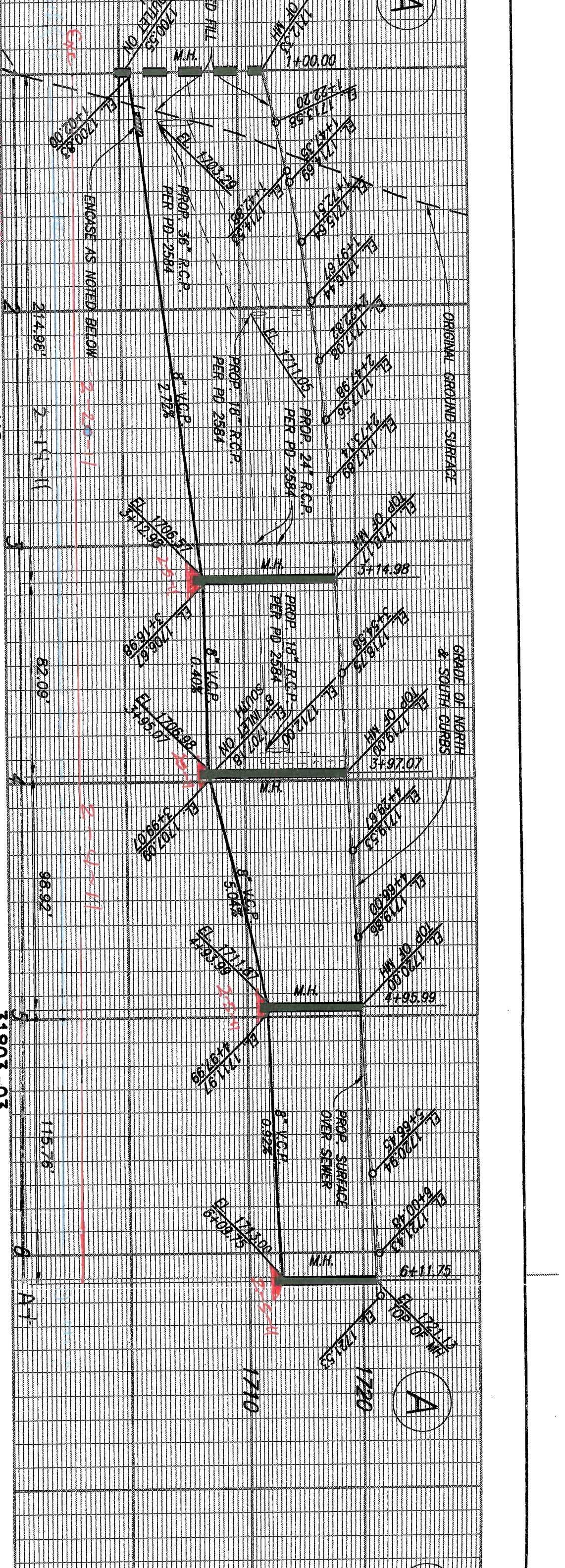
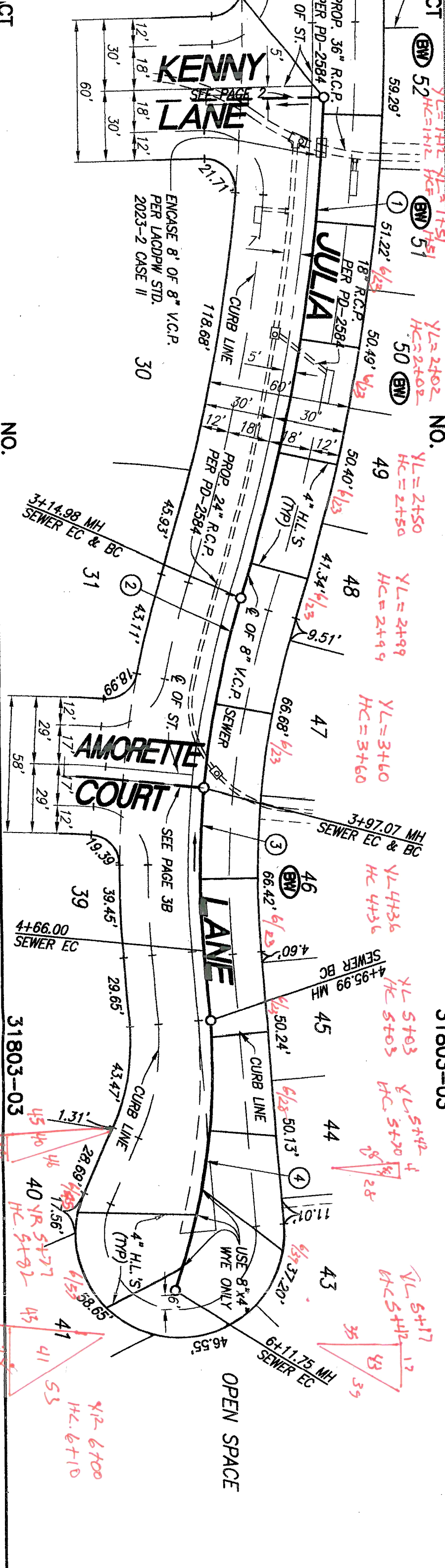
TRACT NO. 31803-03
 CONSTRUCT 4" H.L.'S PER APWA STD. 222-1 TYPE D, B=10", & ENCASE 4" H.L.'S PER VL=3493 LACDPW STD. 2023-2 CASE II (TRP.)
 HC=3493

TRACT NO. 31803-05
 CONSTRUCT 4" H.L.'S PER APWA STD. 222-1 TYPE A, & ENCASE 4" H.L.'S PER LACDPW STD. 2023-2 CASE II (TRP.)
 YL=2481
 HC=2481

TRACT NO. 31803-05
 EX. 8" V.C.P. PER PC 11929
 =12+67.43 EX. SEWER MH PER PC 11929



NO. 31803-03

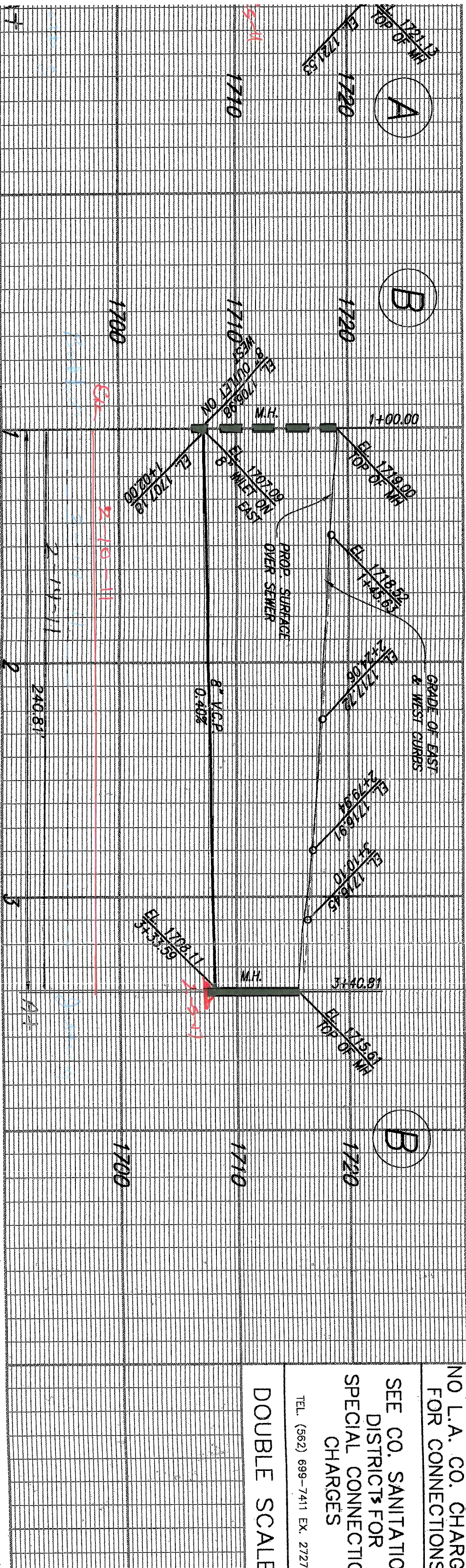


NO L.A. CO. CHARGES FOR CONNECTIONS

SEE CO. SANITATION DISTRICTS FOR SPECIAL CONNECTIC CHARGES

TEL. (562) 699-7411 EX. 2727

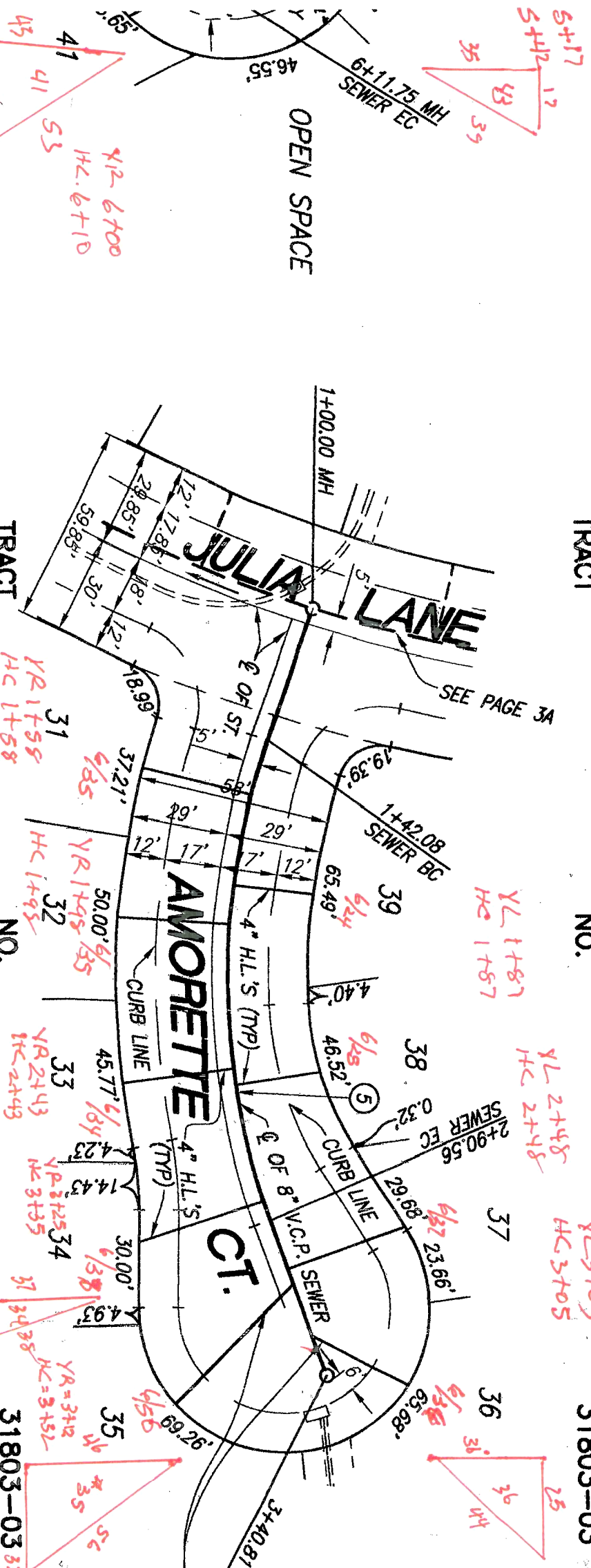
DOUBLE SCALE



TRACT NO.

31803-03 SEWER CL CURVE DATA:

①	DELTA	RADIUS	LENGTH	TANGENT
1	15°18'04"	805.00'	214.98'	108.13'
2	11°54'24"	395.00'	82.09'	41.19'
3	9°59'58"	395.00'	68.93'	34.56'
4	23°59'24"	276.48'	115.76'	58.13'
5	38°40'05"	220.00'	148.48'	77.19'



USE 8"x4" WYE ONLY

PLAN

SCALE: 1" = 40'

REVIEWED BY LAND DEVELOPMENT DIVISION

BY *[Signature]* 12/26/01

SUBDIVISION PLAN CHECKING SECTION

DA