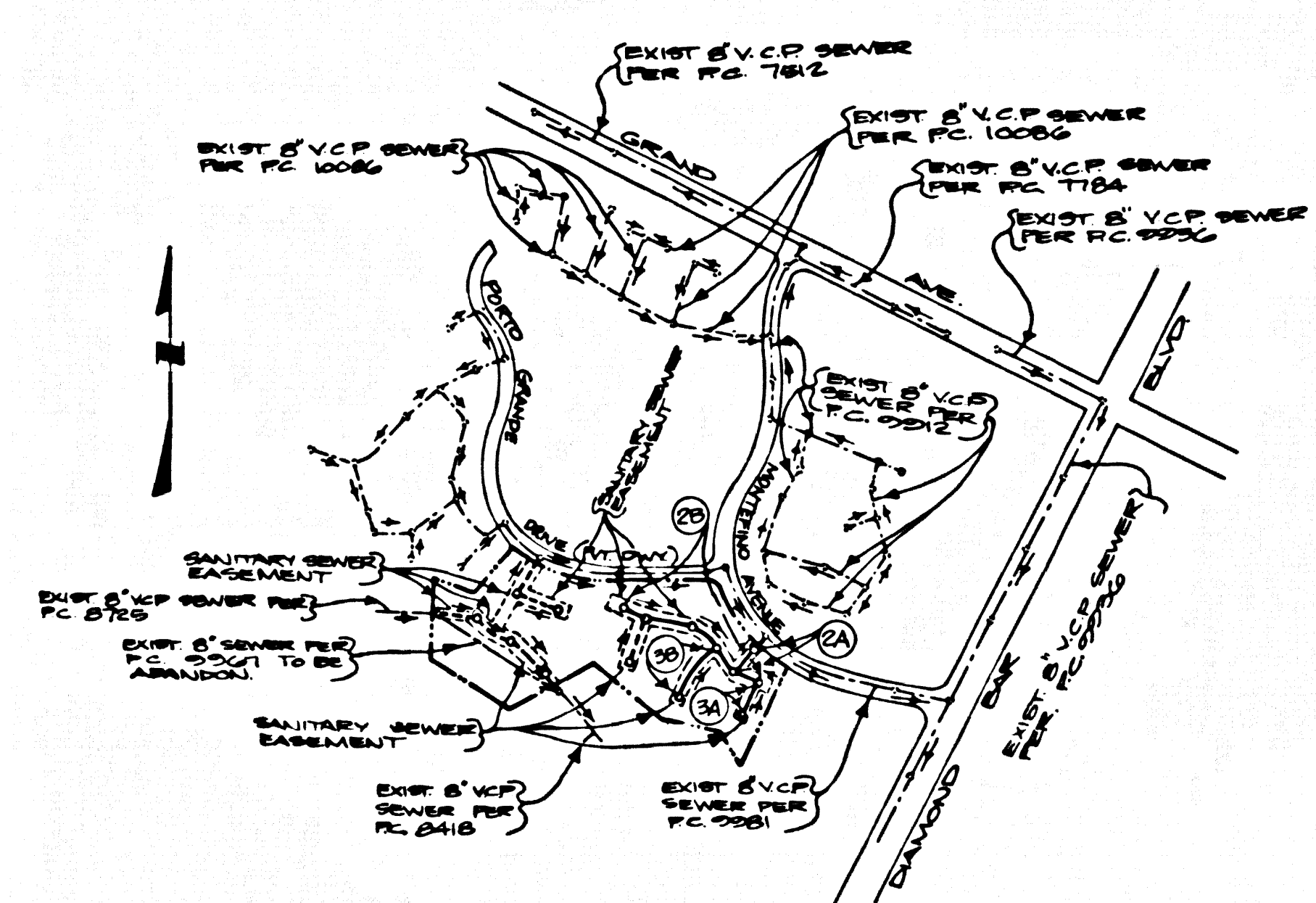


B.M. B.G. 3212 ELEV. 8259.24
 L & T IN EAST END C.B. 45 FT.
 N. 8' 22" FT. W. & NIT GRAND
 AVE. & DIAMOND C&E BLVD.
 MKD. B.C.M. 11
 OTTERBEIN QUAD. 1915



INDEX MAP
 P.C. 10475A, TRACT NO. 36741
 SCALE: 1" = 600'

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE 818 - 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS SHALL BE SHOWN ON PLANS OR PROFILE OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THE IMPORTANCE OF PUBLIC WORKS SHALL BE SHOWN ON PLANS AND PROFILES GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLYWAYS SHOWN BY CYCLES ON PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- 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 LINE 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° WITH THE MAIN LINE 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.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD ELEMENT OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, DISTRICT OFFICE NO. 1, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 800 S. VERMONT AVE., LOS ANGELES, CALIFORNIA 90005, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE ON A STATE HIGHWAY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE 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.
- REFER TO SECTION 104.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
- PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD ELEMENT AT THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 800 S. VERMONT AVE., LOS ANGELES, CALIFORNIA 90005, ROOM 818, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1985 EDITION) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS LISTED SHEETS 111, 112, 113, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, 228-2881, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED. ANCHOR WITH 3/4" RISE PER FOOT. POLYETHYLENE GLASS REINFORCED PLASTIC (FRP) SHALL BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 3-26 OR PRECAST CONCRETE MANHOLES PER 3-26, EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- WITHIN CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 200-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 3-23, CASE II TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL, V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 3-23, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WITHIN CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH GUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 200-3.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 200-1.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO THE ISSUANCE OF A CERTIFICATE OF NATURAL ACCEPTANCE.
- SPECIAL BACKFILL IN EASEMENT CONSTRUCTION (IN BACKFILL TRENCHES AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION. IF ALL BACKFILL AND REPLACE SHALL BE COMPACTED TO A MINIMUM OF MAXIMUM DENSITY PER S.T. & STD. METHOD OF TEST D8677 AS INDICATED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.

SANITARY SEWERS

TO BE CONSTRUCTED IN
 TRACT NO. 36741

PRIVATE CONTRACT NO. 10475A

1-140 - 24.8 30'
 2 SHEETS, 4 PAGES

SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40' MARCH, 1986

52408

PREPARED IN THE OFFICES OF
 MADOLE & ASSOCIATES, INC.
 1822 E. 12th STREET, LOS ANGELES, CALIF. 90021 (714) 835-2248
 BY: J. Madole
 REG. C.E. No. 14814

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND	COUNTY	APWA
MINIMUM PUBLIC SAFETY REQUIREMENTS	24	24
BRICK SEWER MANHOLE	209-2	209-2
STANDARD MANHOLE STEP	317	317
BEDDING FOR SEWER PIPE	321	321
CRACKING AND ENGAGEMENT	323	323
WYE OR TEE SUPPORT	328	328
ALLOWABLE TRENCH WIDTHS	332	332
LOCKING MANHOLE FRAME AND COVER	336	336
NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE	330-0	330-0

COUNTY OF LOS ANGELES, CALIFORNIA

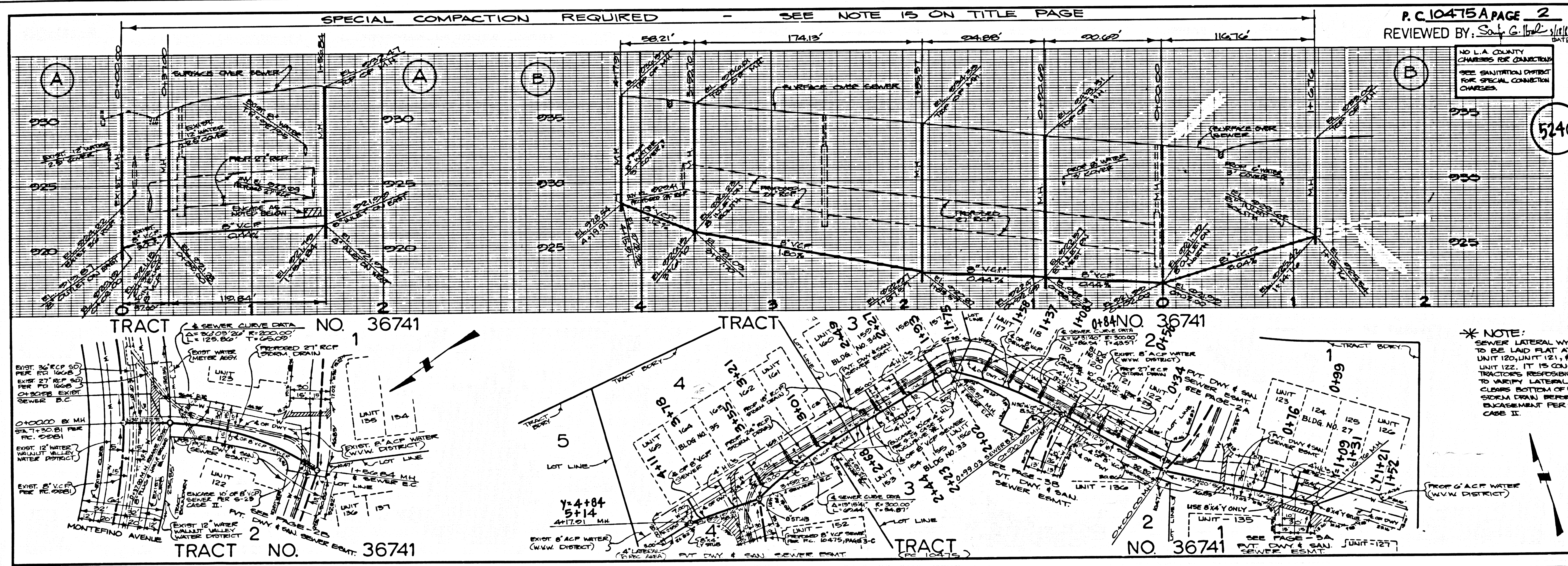
THOMAS A. TIDEMANSON
 DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY
 CHIEF ENGINEER

APPROVED: [Signature] 3/18/86 (DATE)
 APPROVED: [Signature] 3/18/86 (DATE)
 OFFICE ENGINEER

CHECKED: [Signature] 3/18/86 (DATE)
 REG. C.E. No. 16841

SAN ANTONIO BLDG. DIST. 1000

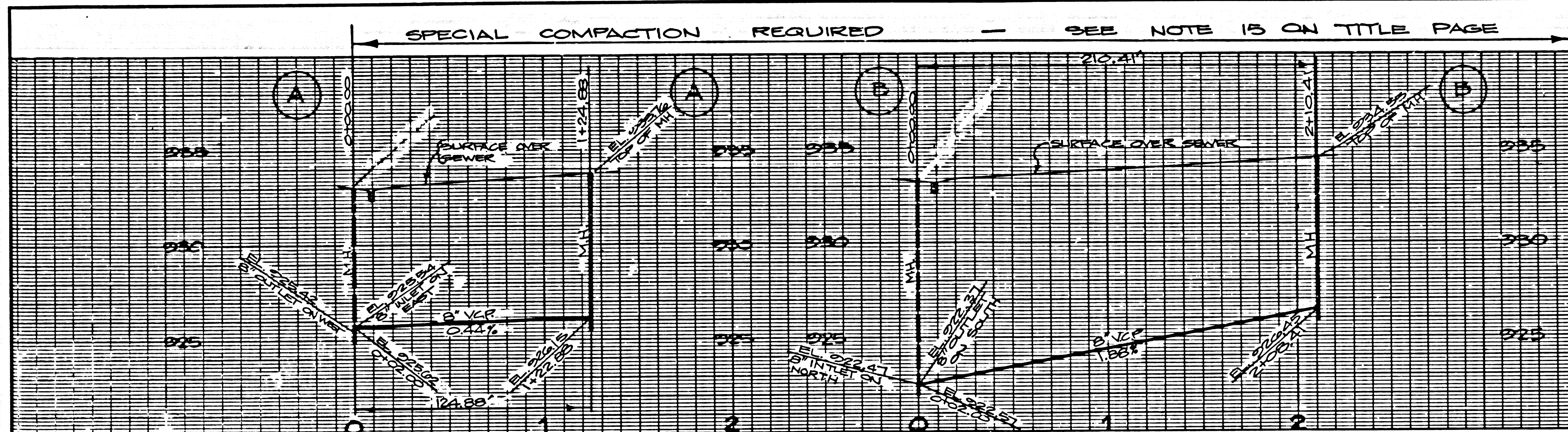


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 REVIEWED BY: [Signature] 3/18/86 (DATE)

52409

* NOTE:
 SEWER LATERAL WYES TO BE LAID FLAT AT UNIT 120. UNIT 121 & UNIT 122, IT IS CONTRACTOR'S RESPONSIBILITY TO VERIFY LATERAL CLEARANCE BOTTOM OF RCP (SPECIAL DEPTH) BEFORE EXCAVATION PER 3-23 CASE II.

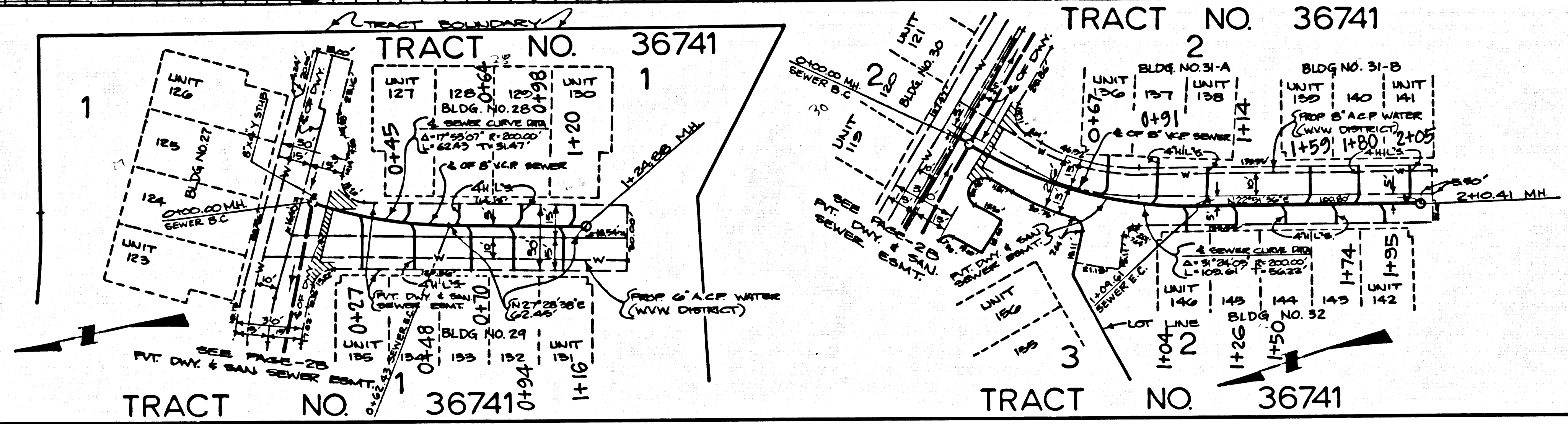
1
 147501 PC
 14750 ON TRACT



PC 10475A PAGE 3
 REVIEWED BY: *Sub G. [Signature]*

NO L.A. COUNTY CHARGES FOR CONNECTIONS.
 SEE SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES.

58410



PAGE

S
 A21401 29
 14743E ON T3A21