

TRACT No 37026
PRIVATE CONTRACT NO. 9948

W.S. 39-B.4
 2 SHEETS, 4 PAGES
 SCALE: VERT. 1"=8'
 HORIZ. 1"=40'
 MARCH, 1951
 PREPARED IN THE OFFICES OF
LANCO ENGINEERING
 17450 S. POINTE AVE. TORRANCE, CALIF. 90604
 BY: **C.M. L...**
 REG. C.E. No. 13167

- GENERAL NOTES: DOUBLE SCALE**
- 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 COUNTY ENGINEER.
 - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 - GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES 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 COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" 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 UNLESS 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 L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 1, AND PAY A FEE TO THE COUNTY ENGINEER, 501 E. BONITA AVE., SAN DIMAS REGIONAL OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 - IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 126 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 7-10.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - PLEASE TO THE PLANES OF THIS RECORD SEWER CONSTRUCTION DRAWING THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES OF A PUBLIC OR PRIVATE NATURE IN THE COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPT. A PERMIT FOR EXCAVATION OF EXISTING UTILITIES AND STRUCTURES SHALL BE OBTAINED FROM THE COUNTY ENGINEER'S OFFICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES OF A PUBLIC OR PRIVATE NATURE IN THE COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPT. A PERMIT FOR EXCAVATION OF EXISTING UTILITIES AND STRUCTURES SHALL BE OBTAINED FROM THE COUNTY ENGINEER'S OFFICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES OF A PUBLIC OR PRIVATE NATURE IN THE COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPT. A PERMIT FOR EXCAVATION OF EXISTING UTILITIES AND STRUCTURES SHALL BE OBTAINED FROM THE COUNTY ENGINEER'S OFFICE.

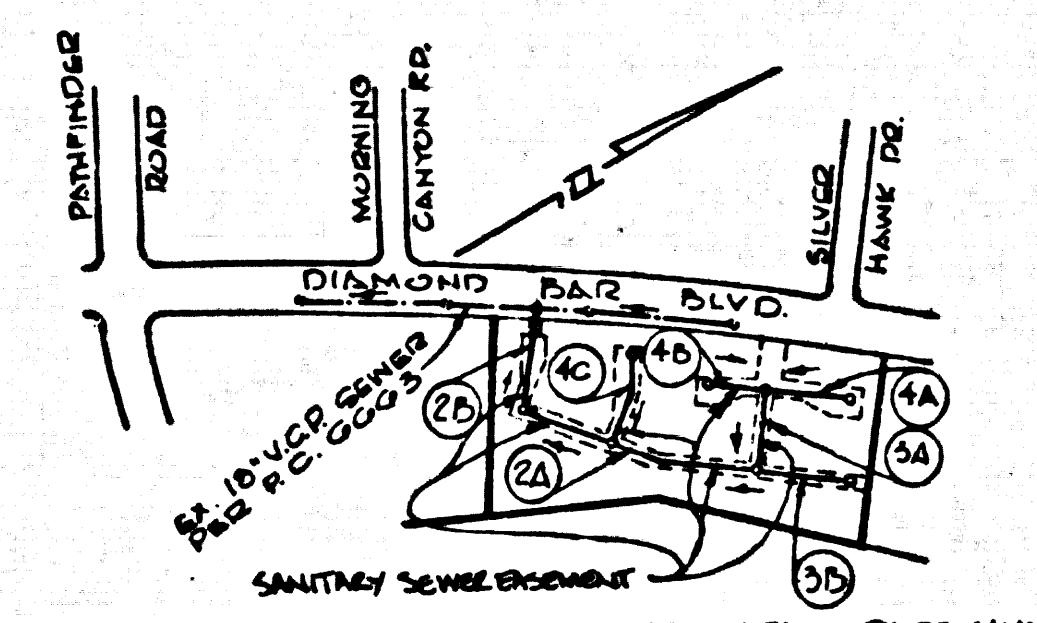
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

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- CONSTRUCTION NOTES:**
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1950 EDITION) WITH 1951 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 25, 1948 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY TELEPHONE (213) 785-5914, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - WYS OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE SET BY BRICK MANHOLES PER 5-30 PRECAST CONCRETE MANHOLES PER 5-36, EXCEPT AS NOTED.
 - SHOWYER 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.
 - INTERFERE CURB JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 200-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-23, 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 5-23, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH WASHING 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 L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FULL COMPLIANCE WITH SECTION 200-1.3.9 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SLOPE EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE RESUME OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
 - ALL SPECIAL REQUIREMENTS IN EXISTING CONSTRUCTION:
 - TO BE MAINTAINED AND PROTECTED WHERE EXISTING AND TO BE REMOVED OR RECONSTRUCTED AS NECESSARY TO ACCOMMODATE THE NATURAL OR ARTIFICIAL DRAINAGE OF THE PROPERTY AND TO BE CONFORMED TO THE SEWERAGE PLAN APPROVED FOR THE PROPERTY AND TO BE CONFORMED TO THE SEWERAGE PLAN APPROVED FOR THE PROPERTY AND TO BE CONFORMED TO THE SEWERAGE PLAN APPROVED FOR THE PROPERTY.
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COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KOONCE, COUNTY ENGINEER
 WALTER S. GARRIGAN, CHIEF ENGINEER
 CO. SAN DIST. NO. 31
 APPROVED: *John Miller 10/6/51* APPROVED: *Walter S. Garrigan 10-30-51*
 SAN DIMAS REGIONAL ENGINEER (DATE) OFFICE ENGINEER
 CHECKED: *Ralph David Hunt 10/26/51*
 REG. C.E. NO. 16793 (DATE)
 SAN DIMAS BLDG. DIST. 10.00

B.M. C.G. 5120 ELEV. 766.140
 B.D. B.M. TAG HOWL. N.W. COR. DIAMOND BAR BLVD. & PAINTERS RD. 126 FT. N + 100 FT. W. APPROX. ± INT.
 OTTERBEIN QUAD. 1915

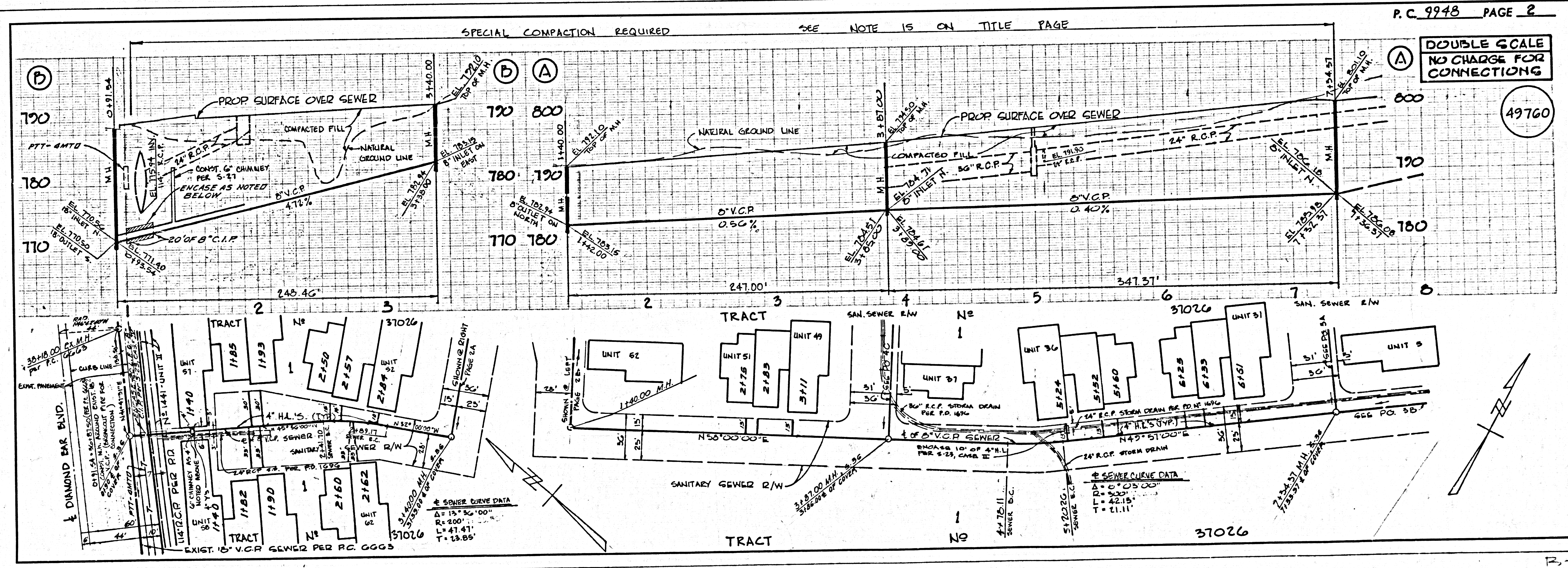


INDEX MAP
TRACT No 37026
 SCALE: 1"=600'
 RC. 9948

ISSUE NO PERMITS UNTL P.C. 9956 -A IS ACCEPTED

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 - 952-8605, SO THAT REQUIRED INSPECTION CAN BE MADE.

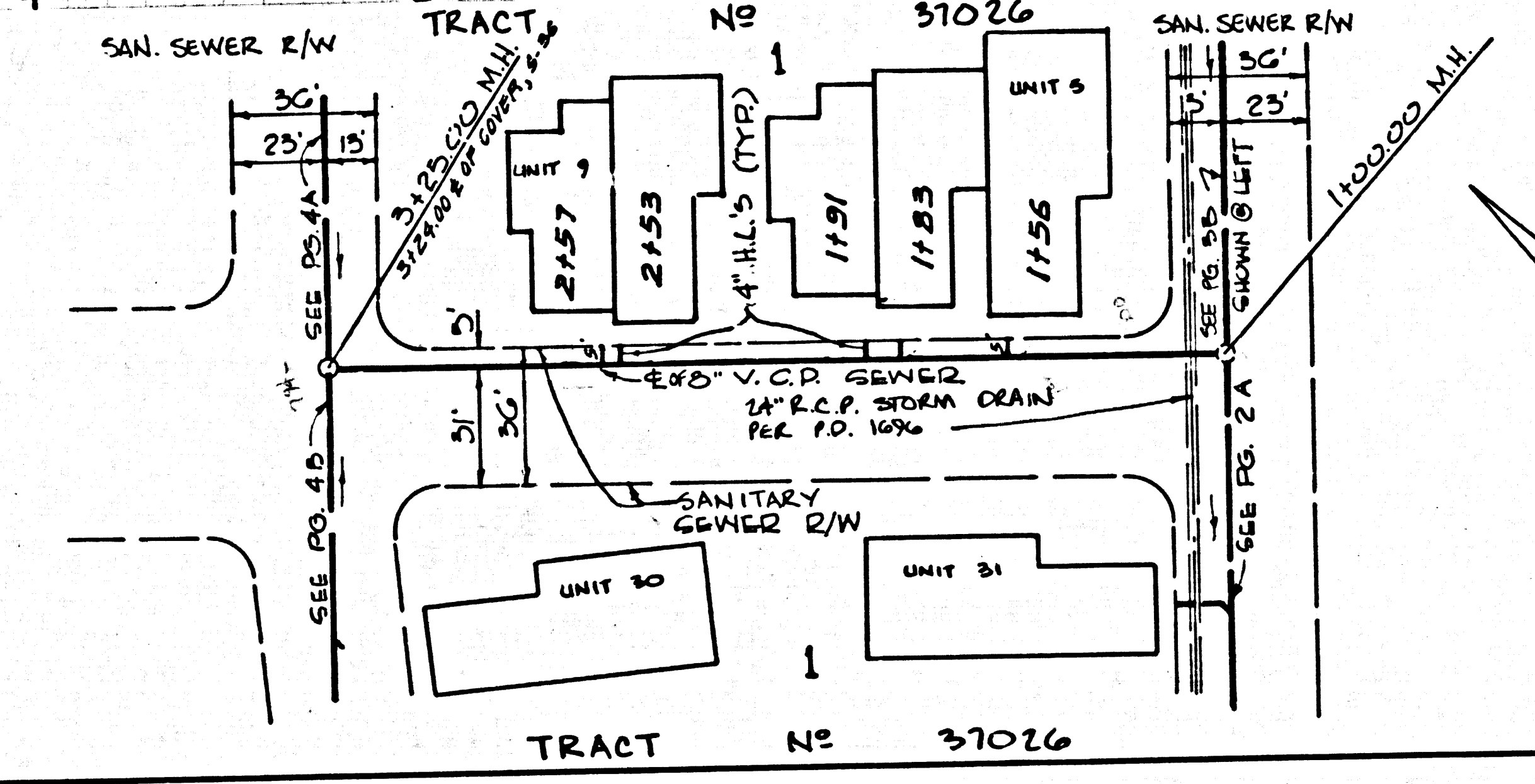
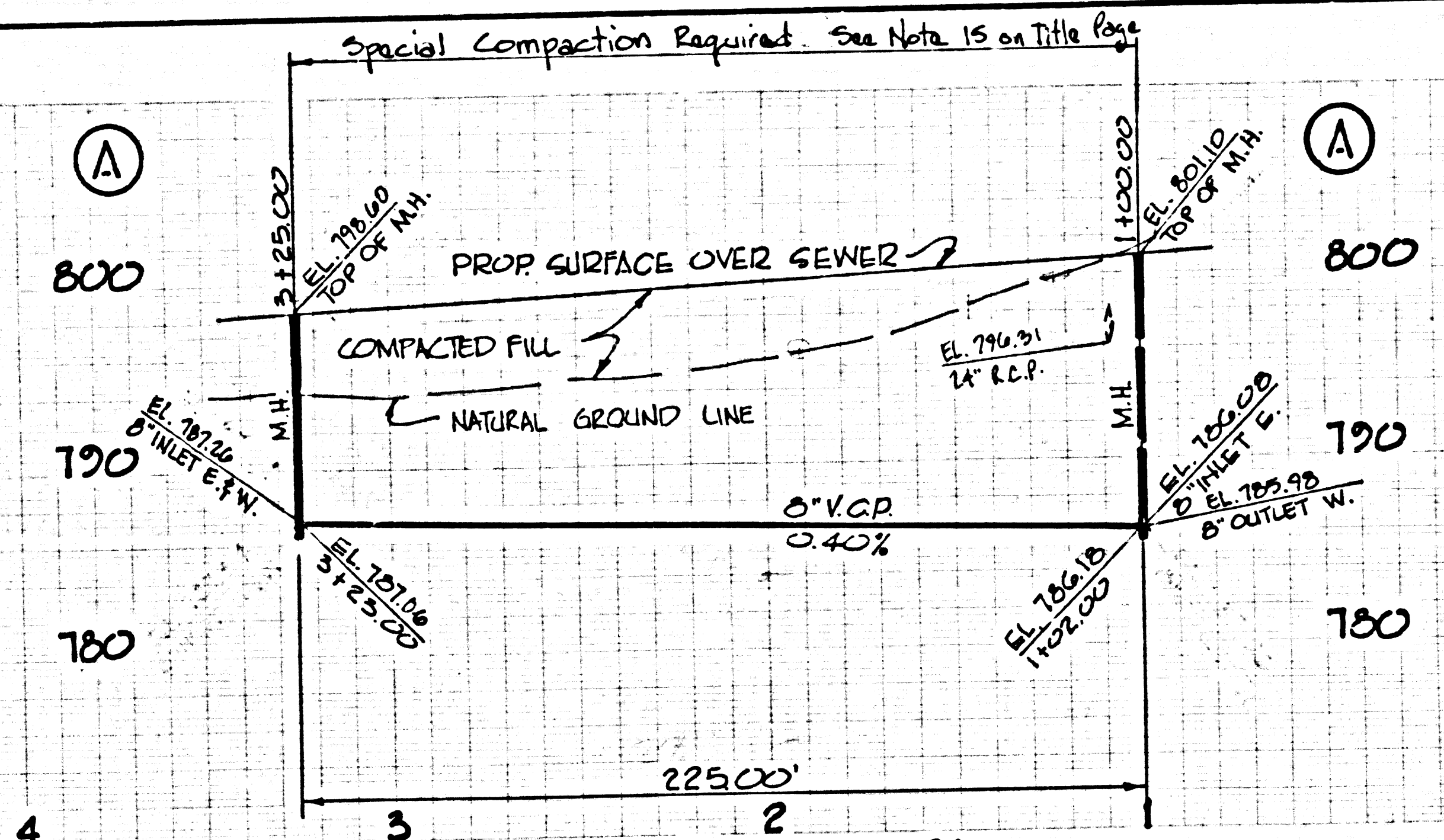
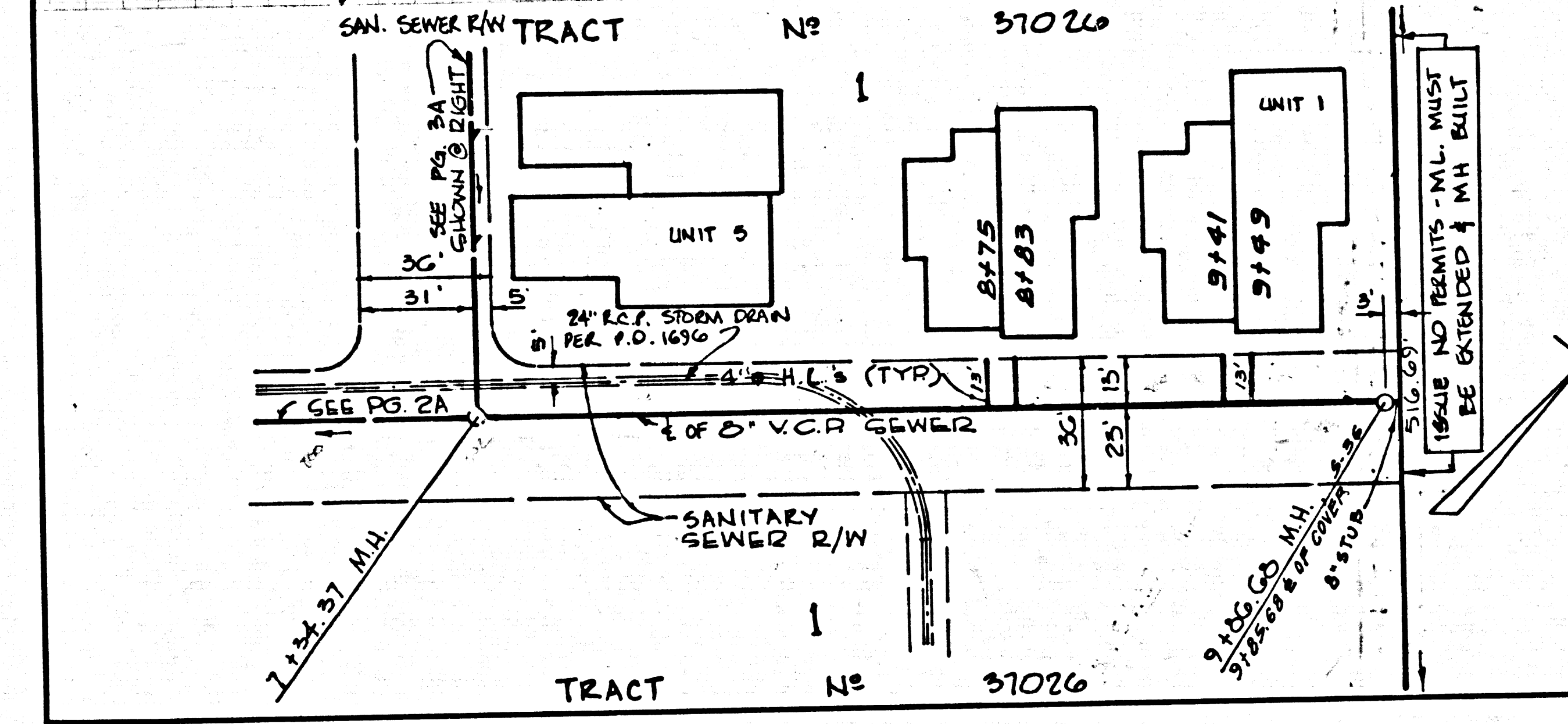
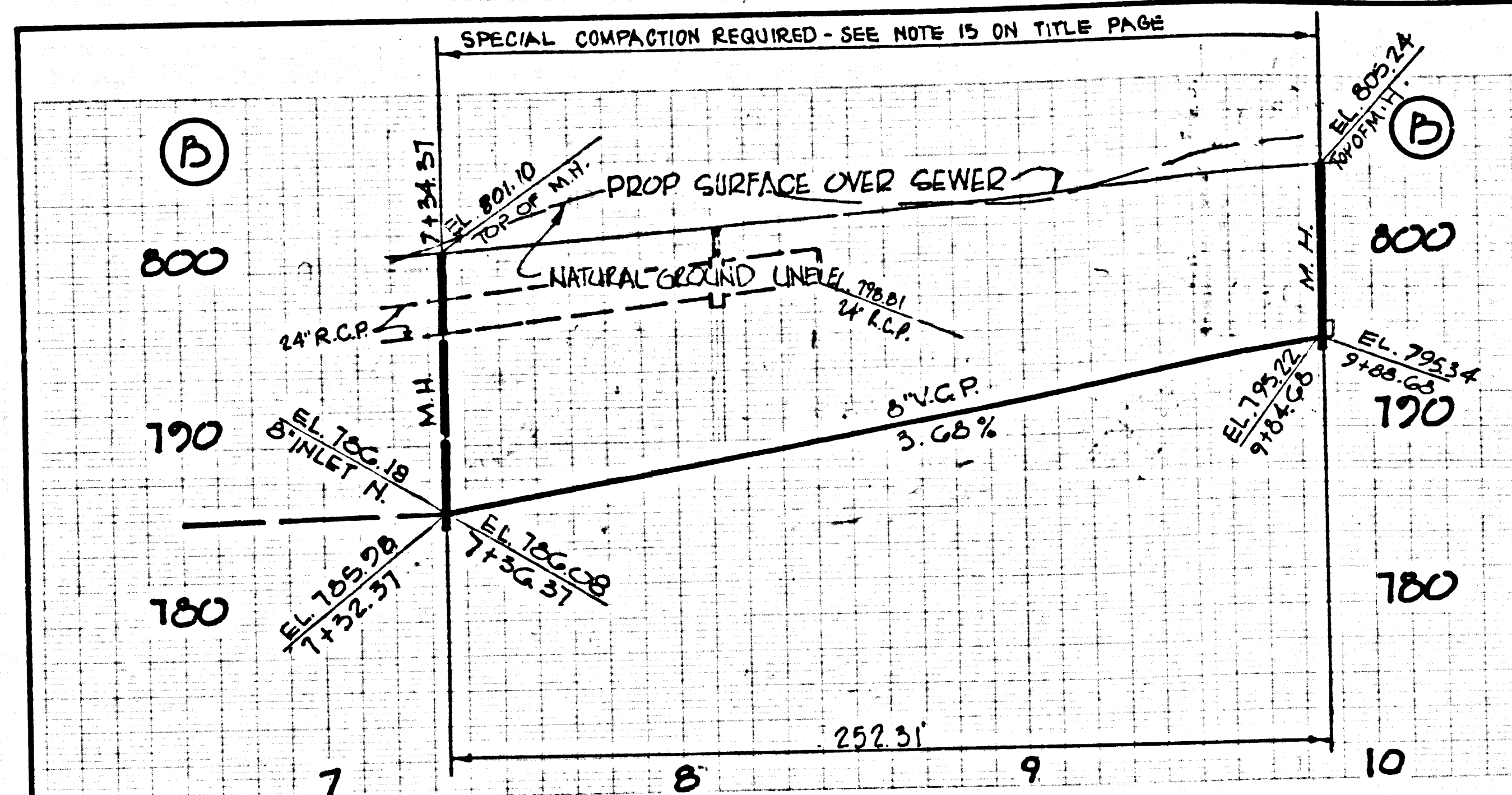
REVISIONS
 △ REVISE GRADES ON PAGE 4C TO CLEAR PROPOSED STORM DRAIN
 DRAWN BY: *M. L...* S.E. NO. 25504
 APP'D BY: *Ralph David Hunt* DATE: 1-21-51



B-2919

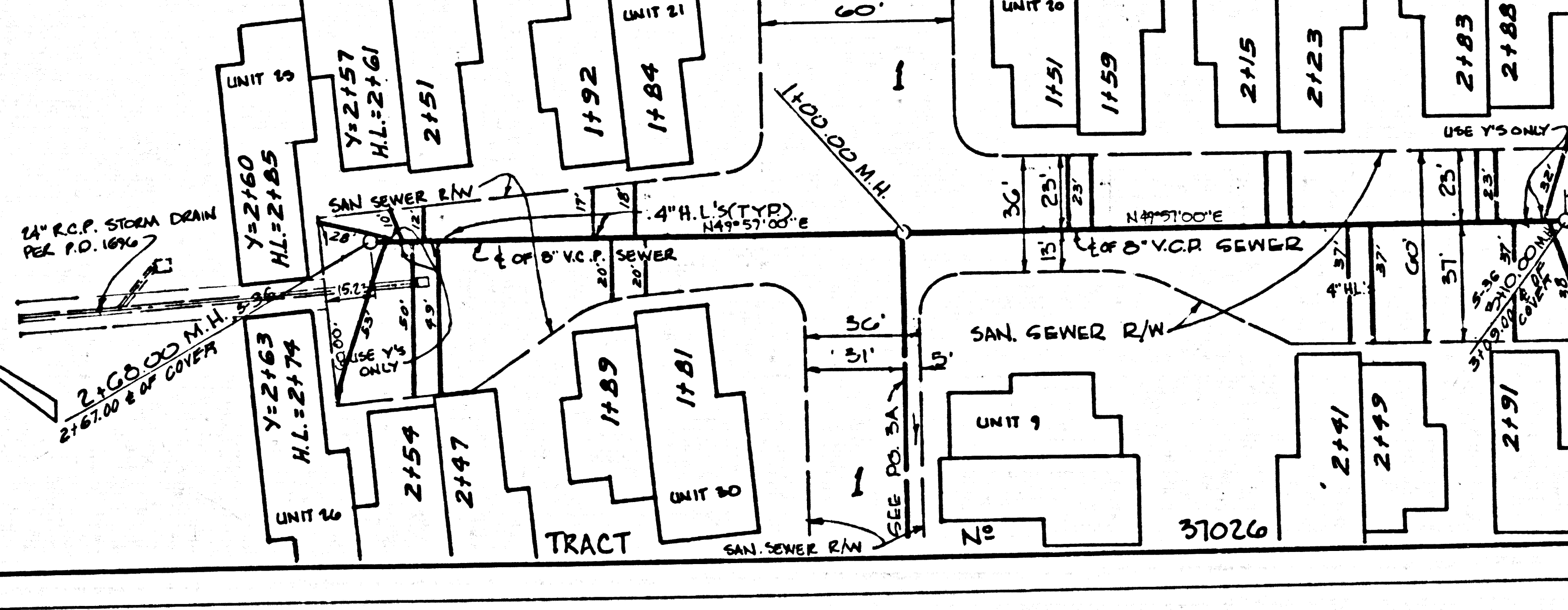
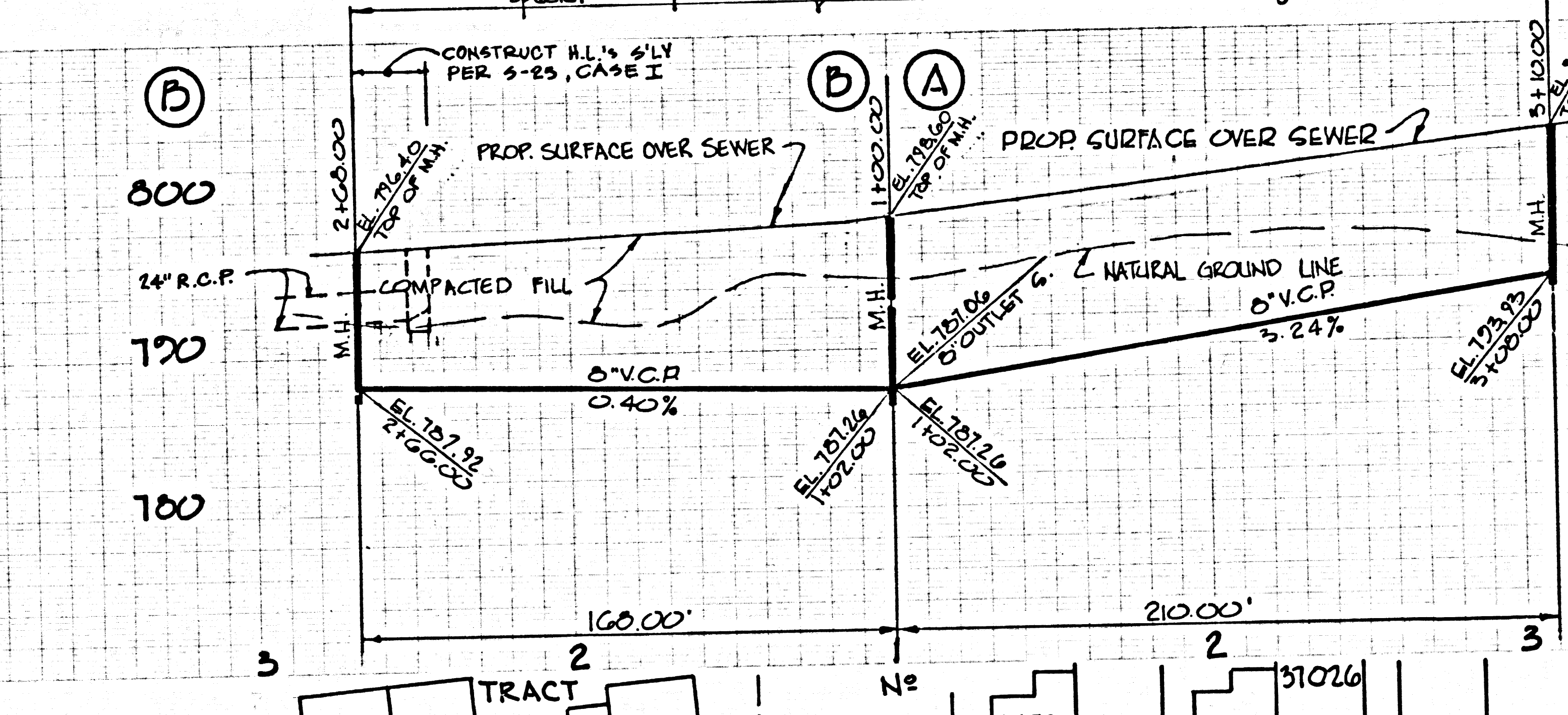
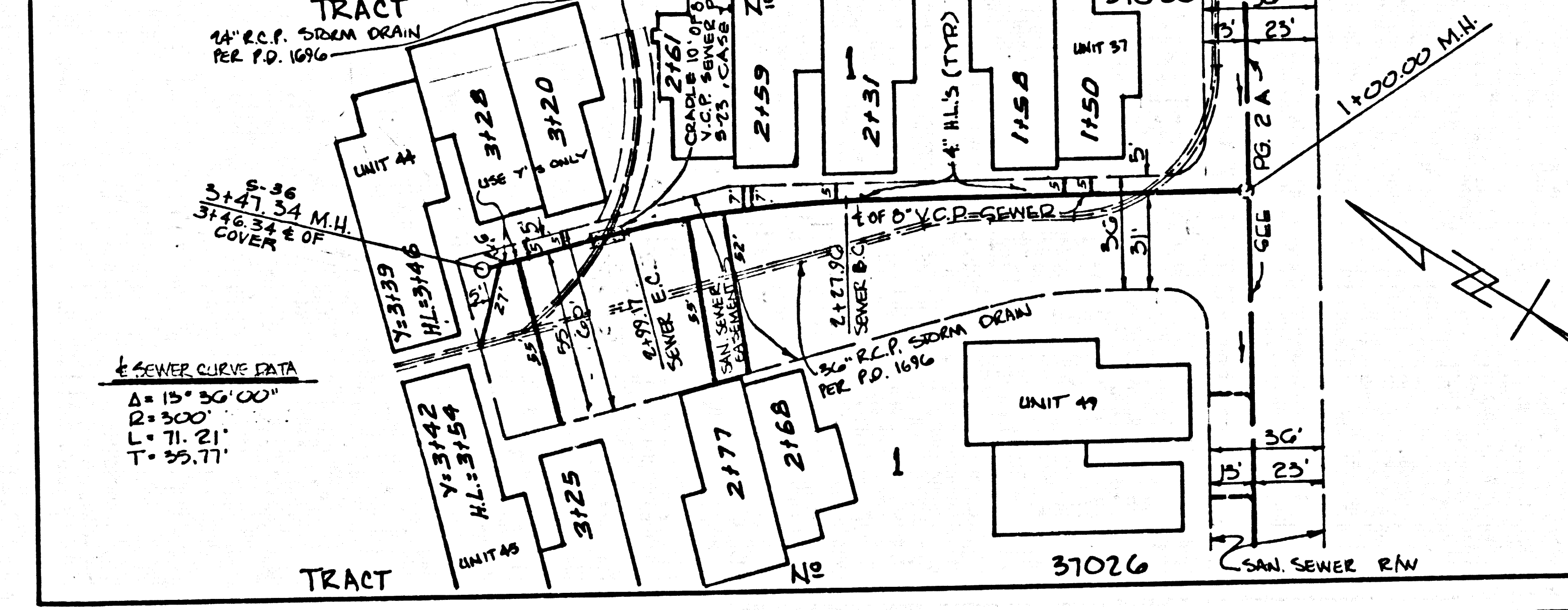
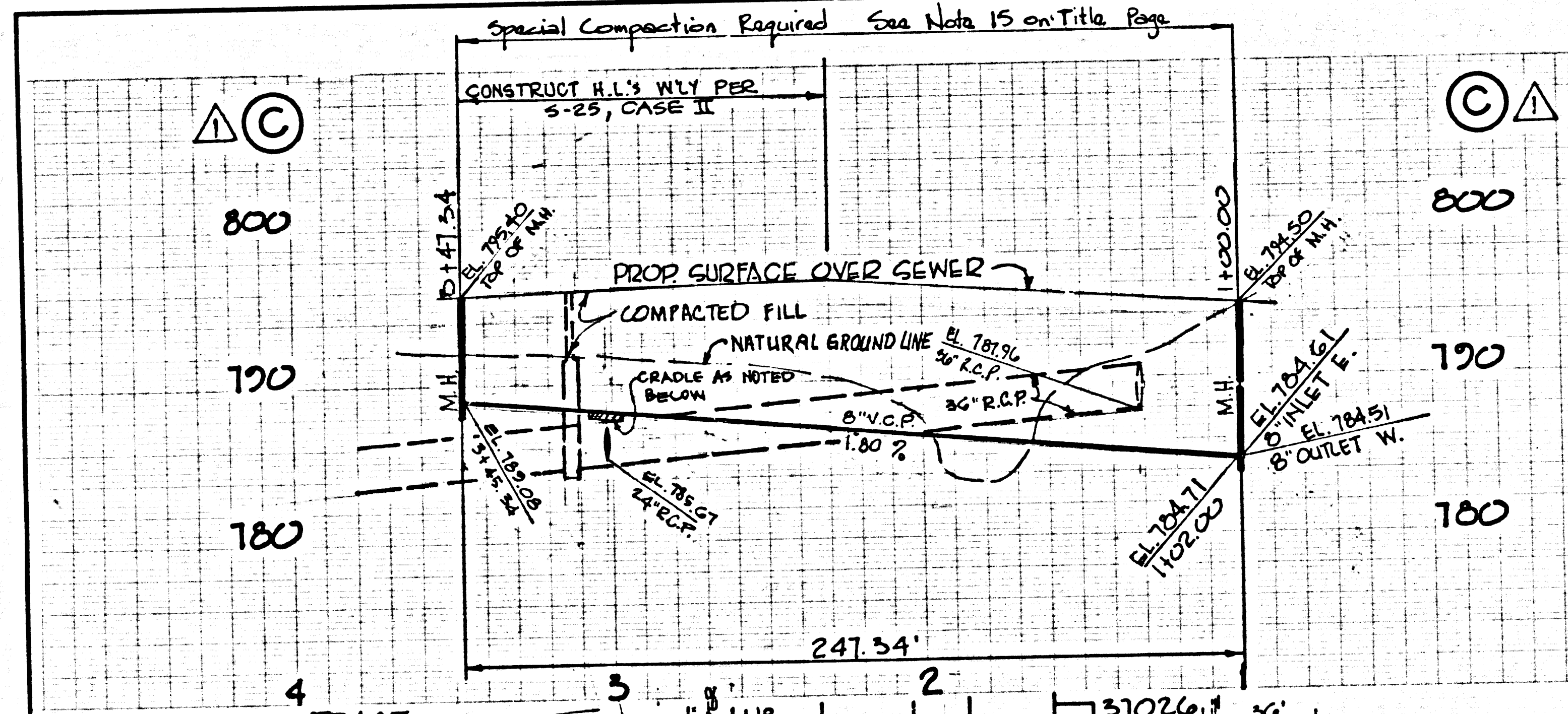
DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS

49761



DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS

49762



SANITARY SEWERS

TO BE CONSTRUCTED IN

OUTLET OF 8" V.C.P. SEWER TO BE PART OF PRIVATE CONTRACT NO. 9948

W.S. 39

SCALE: VERT. 1"=8'
HORIZ. 1"=8'
PREPARED IN THE OFFICES OF
LANCO ENGINEERING
17450 S. FAIRFAX AVE., TORRANCE, CALIF. 90504
BY: *C.M. Reed*
REG. C. E. No. 13157

BC 0048

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

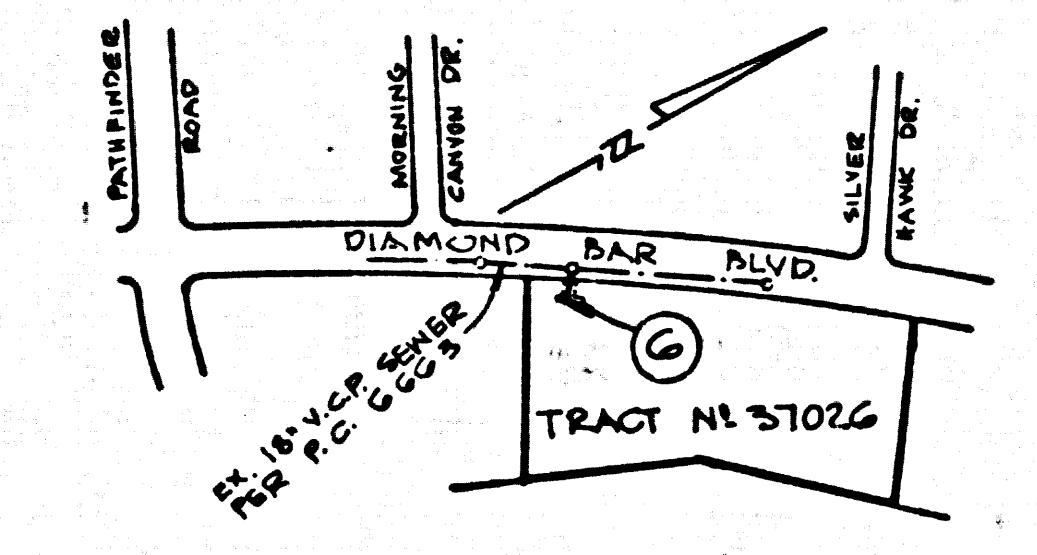
THE EXISTENCE AND APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE DETERMINED BY A SEARCH OF AVAILABLE PUBLIC RECORDS TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UNDERGROUND UTILITIES OR STRUCTURES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE CARE AND CAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES NOT OF RECORD OR NOT SHOWN ON THIS PLAN.

C.M. Reed R.C.E. 13157

- ### GENERAL NOTES:
1. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 2. NO REPRESENTATIVE OF THIS COUNTY ENGINEER WILL BE ON SITE FOR THE CONSTRUCTION OF THIS WORK.
 3. SPACES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADES INDICATED FOR TOP OF CURB, CENTER LINE OF STREETS OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT A. L. POINTS BETWEEN INDICATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN AS THRU SAID DESIGNATED POINTS.
 4. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATISTICS FOR ALL HOUSE LATERALS 12" OR 18" IN DIAMETER AND SHALL PROVIDE STRENGTH PROVISIONS FOR THESE LATERALS. PROPER LOCATIONS WITH STATISTICS FOR ALL HOUSE LATERALS SHALL BE CONSTRUCTED AT 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 OR LESS THAN 90° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
 5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATISTICS FOR ALL HOUSE LATERALS FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 6. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 1 AND PAY A FEE TO THE COUNTY ENGINEER, 800 S. VERMONT AVENUE, LOS ANGELES, CA 90008, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 7. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, CALIFORNIA HIGHWAY DEPARTMENT, 1400 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA 90012. THIS PERMIT IS 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 PROJECTS.
 8. REFER TO SECTION 716.41 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 9. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER, 800 SOUTH VERMONT, RM. 408, LOS ANGELES, CALIF. 90008, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

PRIOR TO EXCAVATING BETWEEN STA. 0+91.54 AND STA. 1+20.00 CALL 1-800-422-4155 TO HAVE GENERAL TELEPHONE CO. LOCATE ALL DUCTS.

- ### CONSTRUCTION NOTES:
1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1978 EDITION WITH 1980 SUPPLEMENTS) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED Sept. 24, 1976 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 2. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY TELEPHONE, 798-2188, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT HIGHERTY LINE 5 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 4. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-3B, EXCEPT AS NOTED.
 5. PROVIDE STAIRS ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
 6. MANHOLES TOPS IN UNIMPROVED AREAS OR WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 7. WITHEPPED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 506.8.
 8. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-26 CASE 2, TWO FEET ON EACH SIDE, WITHIN THE CURB OR WYEWIRE.
 9. 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 SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER THIS NOTE UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 10. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEPPED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUSHINGS IF NECESSARY, PER STANDARD SPECIFICATIONS, SECTION 506.8.
 11. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 506.14 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 12. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 13. FULL COMPLIANCE WITH SECTION 506.13.5 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 PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
 14. SPECIAL BACKFILL IN EASEMENT CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION; (B) ALL BACKFILL AND EARTH REPLACES SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STD. METHOD OF TEST D1557 AS NOTED; ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

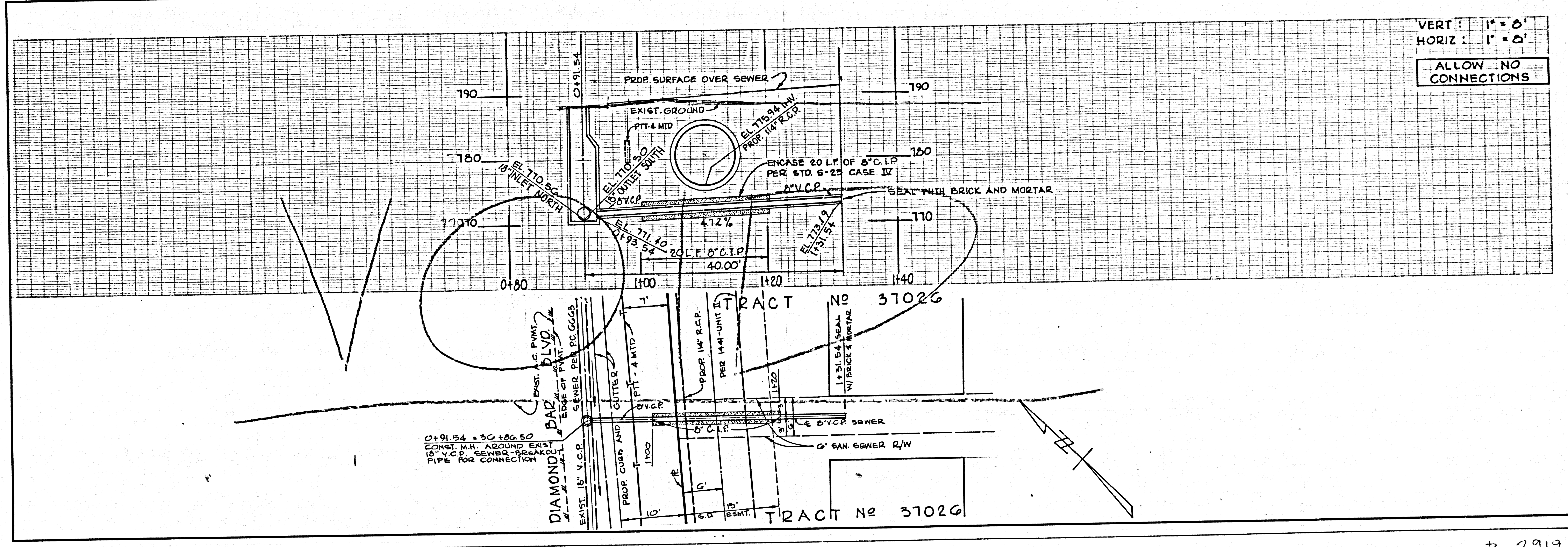


INDEX MAP
SCALE: 1"=600'

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

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BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-37
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ALLOWABLE TRENCH WIDTHS	S-38
NON-ENCASED PRECAST CONCRETE MANHOLE	S-38

COUNTY OF LOS ANGELES, CALIFORNIA
STEPHEN J. KOONCE, COUNTY ENGINEER
CHECKED: *Devy Ephantou* DATE: 5/15/81
R.C.E. 25559



VERT. : 1"=8'
HORIZ. : 1"=8'
ALLOW NO CONNECTIONS

B-2919