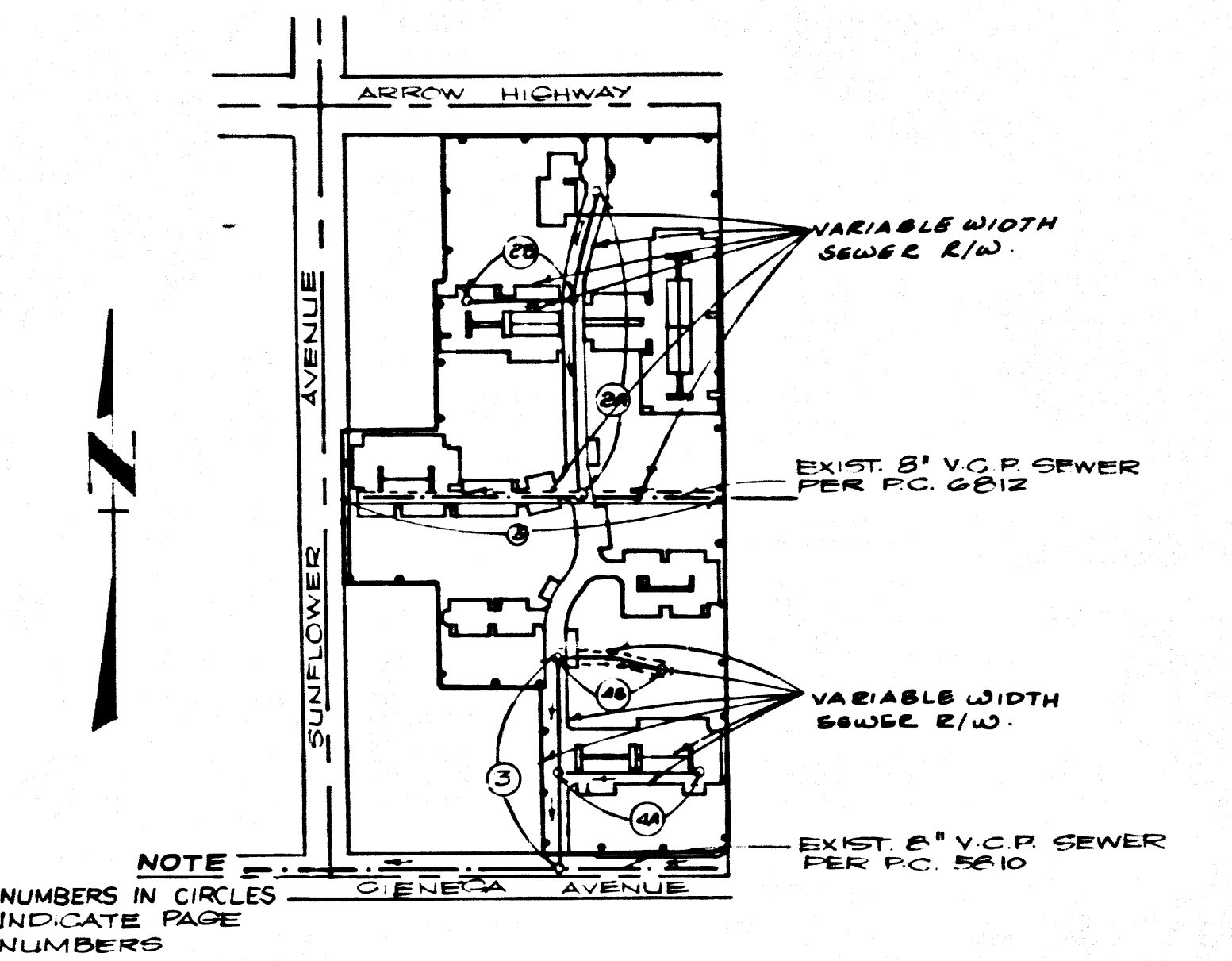


B.M. CG 4380 ELEV. 770.042
 L & CE TAG NR CURB CB RET.
 @ NW COR ARROW HWY &
 SUNFLOWER AVE 34 FT W 61 FT
 N.O. INT.
 SAN DIMAS QUAD. 19 82

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "UNDERGROUND SERVICE ALERT" AT 1-800-471-1131 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
 EDWIN PULLI
 REGISTERED ENGINEER R.C.E. NO. 12547

GENERAL NOTES:
 1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DEPT. OF PUBLIC WORKS.
 3. NO REPRESENTATIVE OF THE DEPT. OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 4. 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 OR TRIANGLES AT ALL POINTS BETWEEN DESIGNATED POINTS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
 5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS 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 PLAINS. 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° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
 6. 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.
 7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY, PUBLIC WORKS DEPT. DISTRICT OFFICE NO. _____ AND PAY A FEE TO THE DEPT. OF PUBLIC WORKS, 2750 W. 124TH ST., LOS ANGELES, CALIFORNIA TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 8. IF WORK IS TO BE 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.
 9. 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.
 10. REFER TO SECTION 7.10.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPT. OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT FOR EXCAVATION 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 (SP30-A) (L.A. 194) IN A BLDG. DISTRICT, LOS ANGELES, CALIFORNIA 90000 NAMED AS THE CERTIFICATE HOLDER TO BE DATED 30 DAYS PRIOR TO COMMENCEMENT OF WORK.
CONSTRUCTION NOTES:
 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1985 EDITION WITH PERMITS) SUPPLEMENTED BY THE COUNTY ENGINEER'S SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
 2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPT. TEL. (213) 226-8081 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS EXCEPT AS NOTED.
 5. WYE BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS IF A B.S.C.P. IS USED.
 6. ALL STRUCTURES SHALL BE OTHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
 7. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 8. MANHOLE TOPS IN UNIMPROVED AREAS OR WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 9. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "D" PER STANDARD SPECIFICATIONS SECTION 208.2.
 10. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-23, CASE 4, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 11. 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 S-23, CASE 4 UNLESS OTHERWISE APPROVED BY THE DEPT. OF PUBLIC WORKS.
 12. ALL JOINTS BETWEEN CAST IRON PIPE & B.S.C.P. SHALL BE MADE WITH APPROVED FITTINGS.
 13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 206.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 14. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 15. FULL COMPLIANCE WITH SECTION 206.3.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL 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.
 16. SPECIAL BACKFILL IN EASEMENT TRENCHES (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 THIS DEVELOPMENT OR THE BUILDING AND SAFETY DIVISION. (B) ALL BACKFILL AND SANDS REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A 15" STD. METHOD OF TEST D095 ST. AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPT.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN
TRACT NO. 43776
PRIVATE CONTRACT NO. 10575
 U-93
 3 SHEETS; 5 PAGES
 SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 OCTOBER, 1986
 PREPARED IN THE OFFICES OF
 PFEILER & ASSOCIATES, ENGINEERS
 612 N. DIAMOND BAR BLVD., DIAMOND BAR, CALIFORNIA 91765
 (714) 595-4077
 BY: *Edwin Pulli*
 REG. C.E. NO. 12507



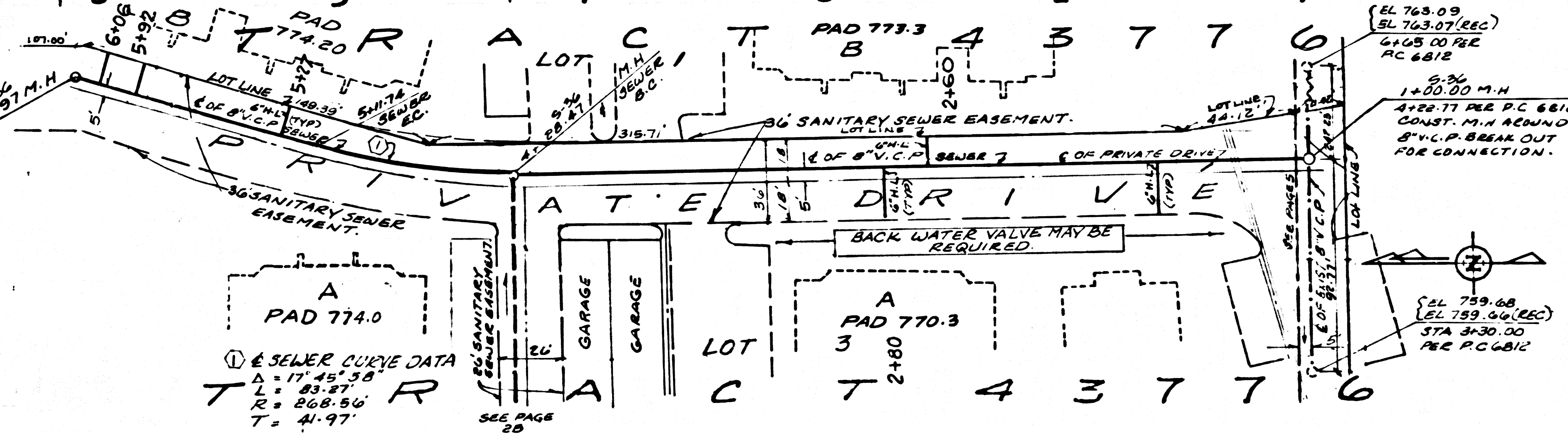
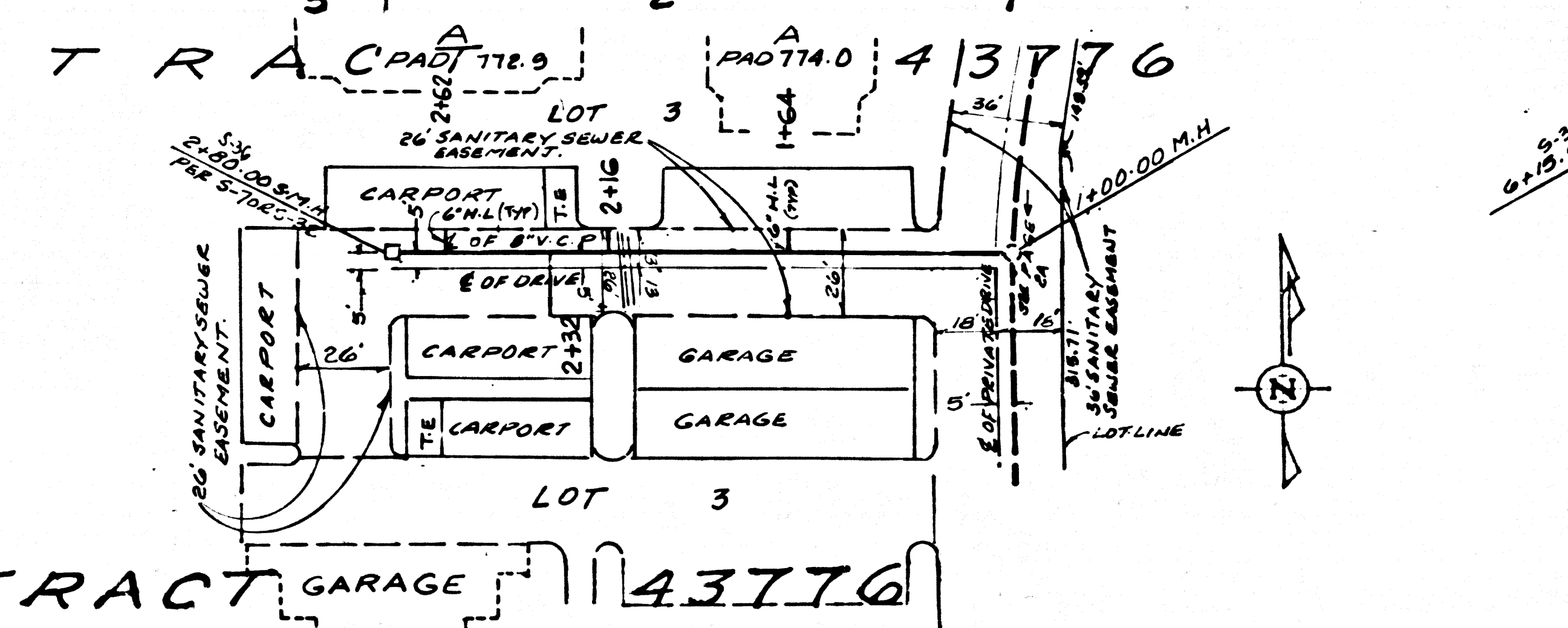
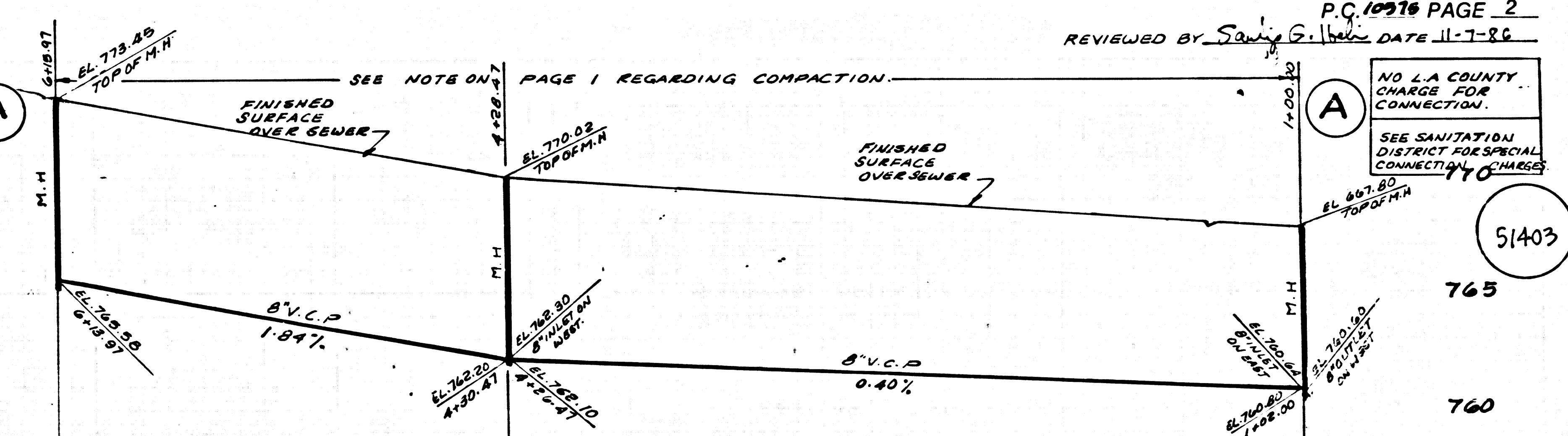
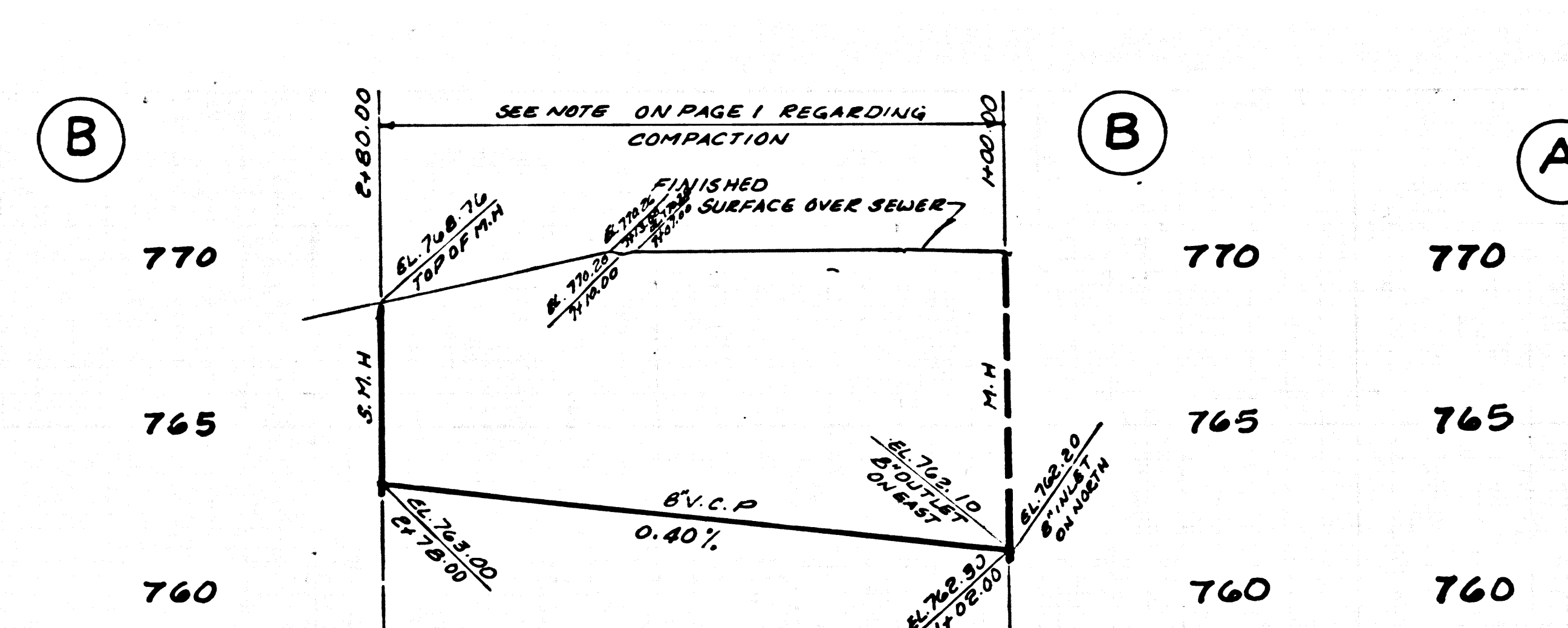
INDEX MAP
 P.C. 10575 TRACT NO. 43776
 SCALE: 1" = 300'

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.

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

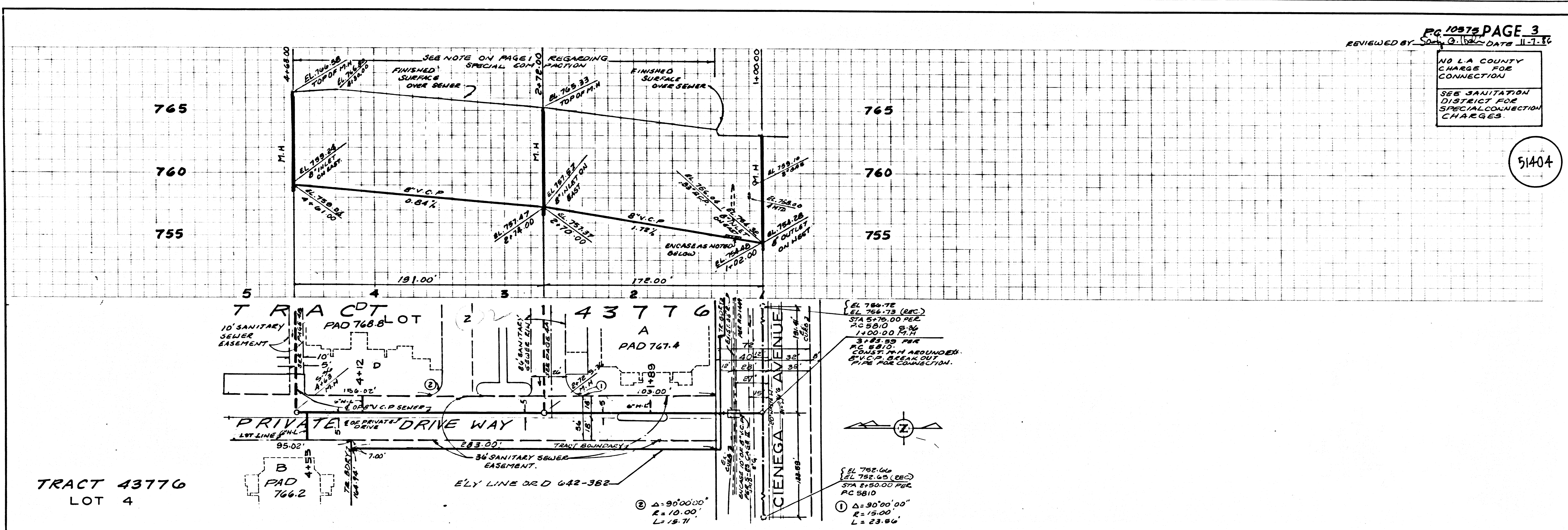
LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRACKING AND ENCASEMENT	S-22
WYE OR TEE SUPPORT	S-26
ALLOWABLE TRENCH WIDTHS	S-33
LOCKING MANHOLE FRAME AND COVER	S-36
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-37
SHALLOW MANHOLE	S-37
PRECAST CONC. SHALLOW MANHOLE	S-38

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TOSMANSON, DIRECTOR
 DEPARTMENT OF PUBLIC WORKS
 APPROVED: *Thomas Tosmanson* DATE: 11/10/86
 CHECKED: *Edwin Pulli* DATE: 11/10/86
 REG. C.E. NO. 16041
 SAN DIMAS BLDG. DIST. 10.0



25701 39

2574 .0M TRACT



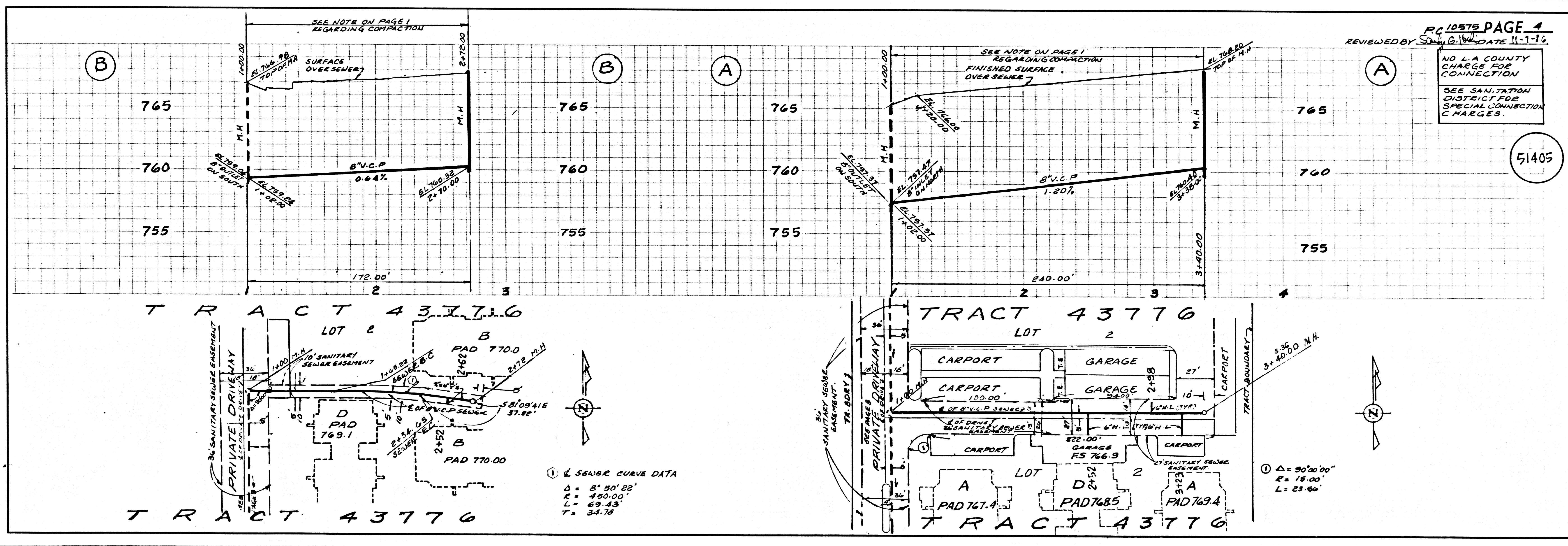
PG. 10572 PAGE 3
 REVIEWED BY: [Signature] DATE: 11-1-16

NO L.A. COUNTY CHARGE FOR CONNECTION
 SEE SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES.

51404

TRACT 43776
 LOT 4

① Δ = 90°00'00"
 R = 15.00'
 L = 23.86'



PG. 10572 PAGE 4
 REVIEWED BY: [Signature] DATE: 11-1-16

NO L.A. COUNTY CHARGE FOR CONNECTION
 SEE SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES.

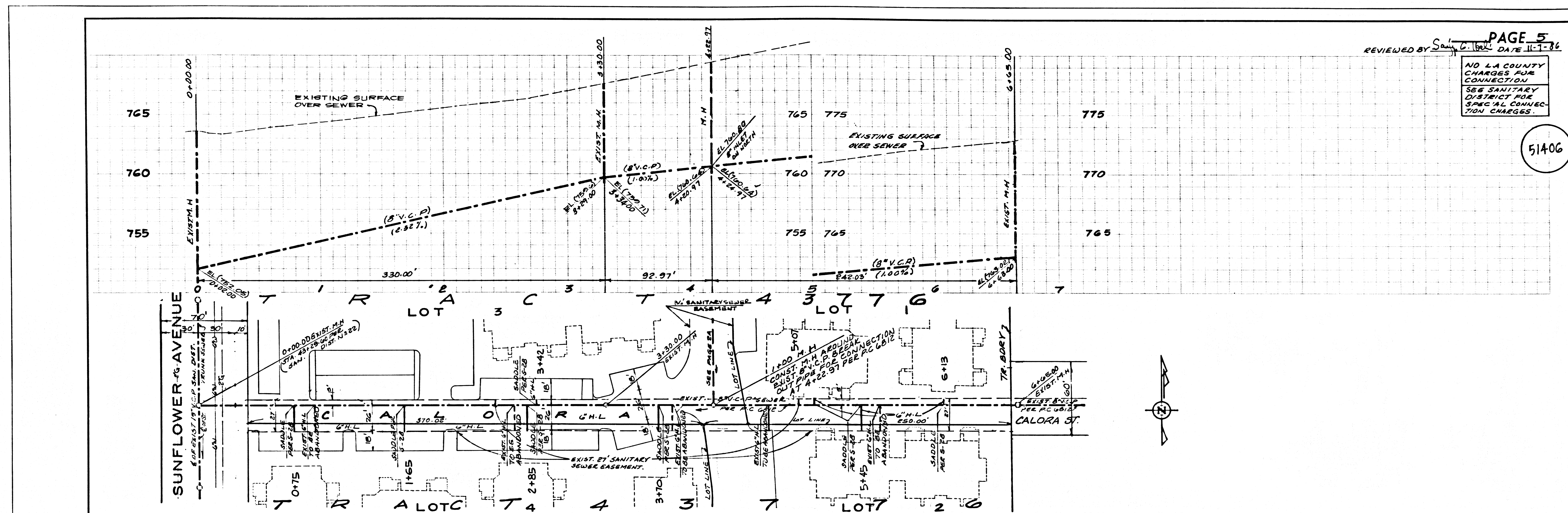
51405

① S SEWER CURVE DATA
 Δ = 81°55'22"
 R = 450.00'
 L = 69.43'
 T = 34.78'

① Δ = 90°00'00"
 R = 15.00'
 L = 23.86'

25201 09

25254 .0M TCAART

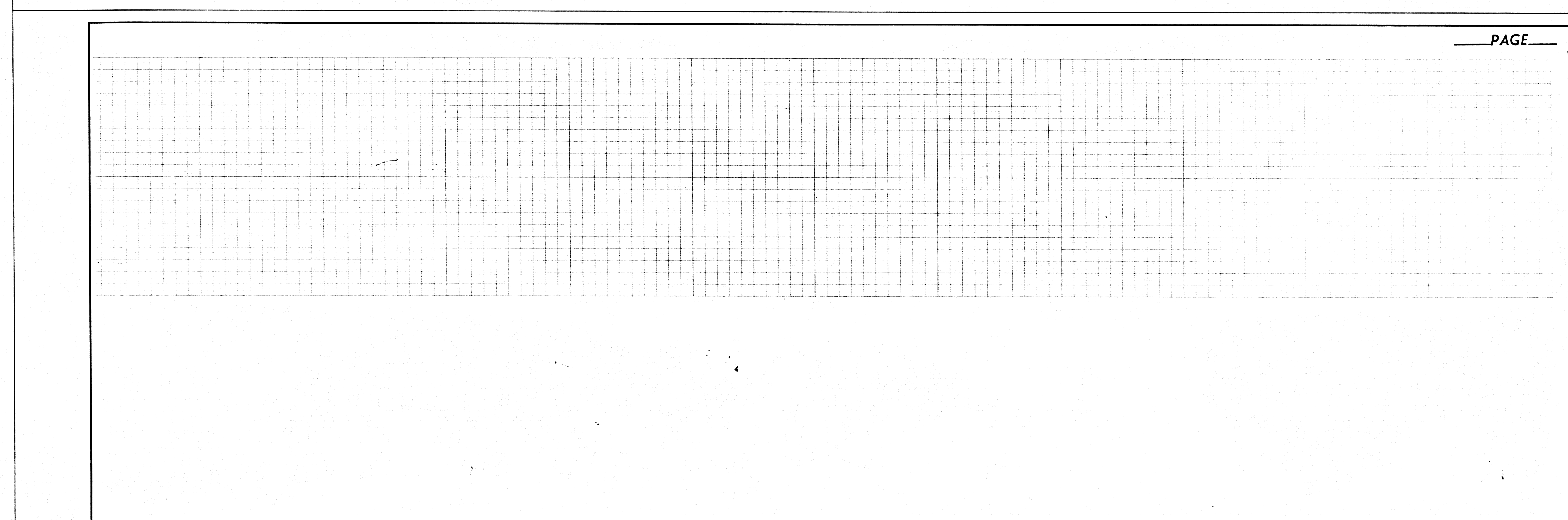
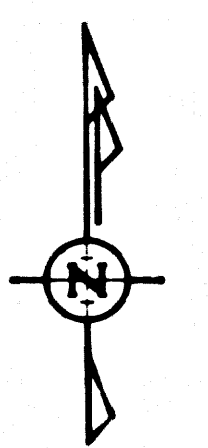


REVIEWED BY [Signature] DATE 11-1-86

PAGE 5

NO L.A. COUNTY CHARGES FOR CONNECTION. SEE SANITARY DISTRICT FOR SPECIAL CONNECTION CHARGES.

51406



PAGE _____

BC 10212 0A

0A7E4 .0M T0A22