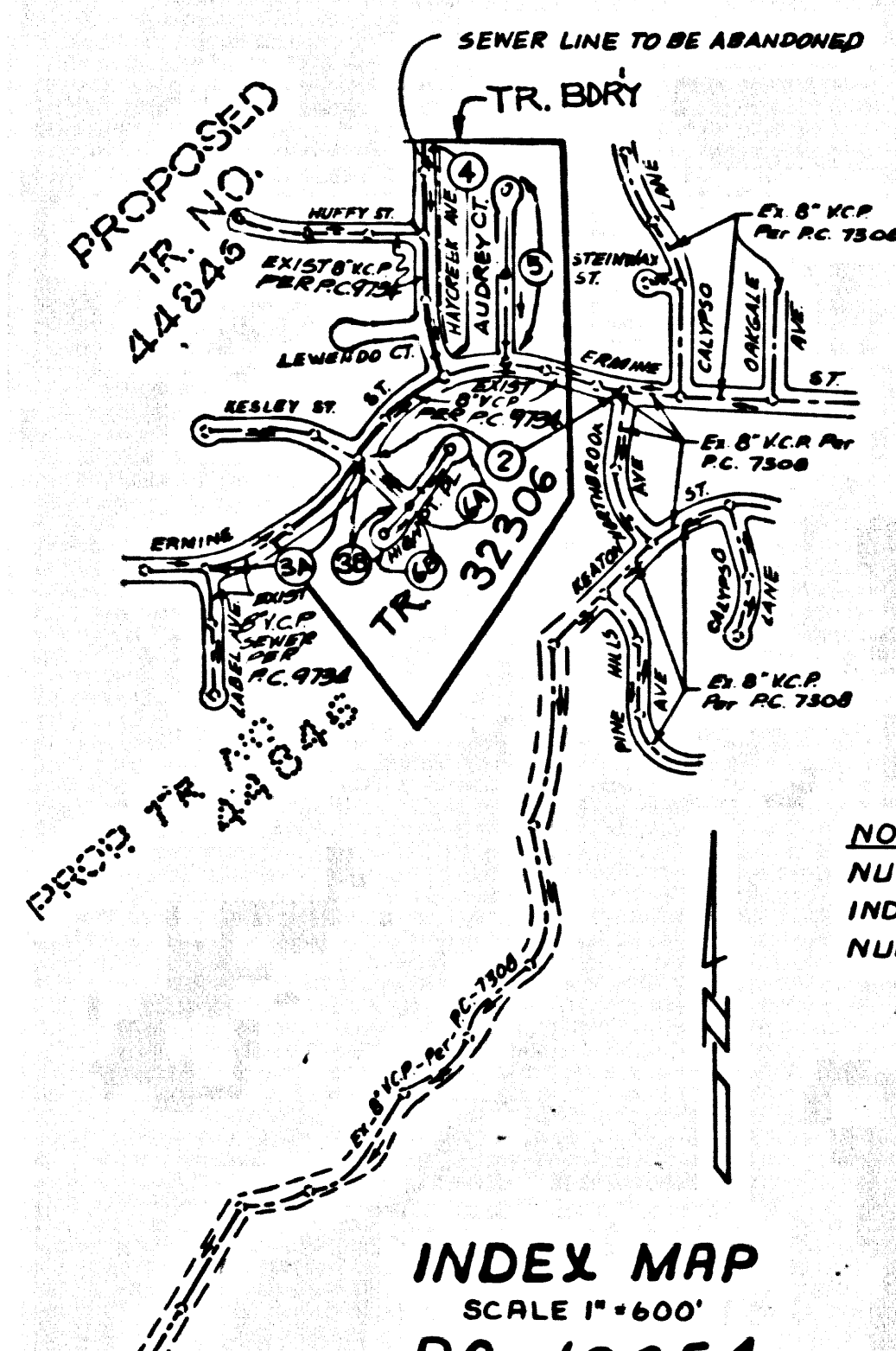


B.M. CL 5059 ELEV. 1612.109
 1/2" = 1' PLAN
 COR. STEINWAY ST. & LANGSIDE AVE.
 STAMP (B.M.)
 NEWHALL QUAD. 19 83



INDEX MAP
 SCALE 1" = 600'
 P.C. 10654
 TRACT NO. 32306

DOUBLE SCALE

STANDARD PLANS
 SADDLES FOR HOUSE LATERALS.....S-28
 SPECIAL HOUSE LATERALS.....S-25
 EROSION PROTECTION IN STEEP SLOPES...S-31
 ANCHOR BLOCK.....S-24
 CHIMNEY PIPE AND BASE.....S-27

CONSTRUCTION NOTES CONT'D.

16. FULL COMPLETION WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.
17. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
18. A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
19. A.B.S. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE TABLE IN SECTION S-1 OF PART IV OF THE SPECIAL PROVISIONS.
20. THREE DEGREE DEFLECTION COEFFICIENTS ARE REQUIRED FOR RADIUS OF CURVATURE LESS THAN 200 FEET WHEN USING 8" A.B.S. COMPOSITE PIPE.
21. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.
22. SEWER LINE CURVATURE SHALL NOT BE EXCEEDED BY PULLING OF JOINTS OR BEVELING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.
23. ALL WYE AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
24. A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.
25. ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

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) 362-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

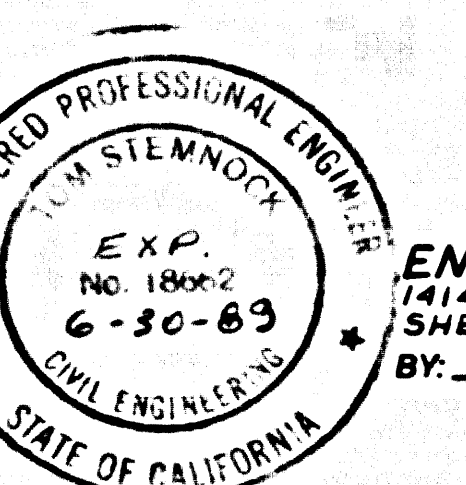
GENERAL NOTES:

1. BELIEVED TO BE IN BEST INTEREST OF THE PUBLIC.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPARTMENT 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, CENTER LINE OF ALLEYS AND SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED BY A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 18" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED AT RIGHT ANGLES TO THE MAINLINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAINLINE SEWER ANY CHANGE IN ALIGNMENT SHALL BE INDICATED 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 COUNTY ENGINEER'S OFFICE AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS, DISTRICT OFFICE NO. 8, 14145 MAGNOLIA BOULEVARD, BEVERLY HILLS, LOS ANGELES, CALIFORNIA 90024 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. WORK IS TO BE DONE IN A STATE HIGHWAY 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 716.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY SIGNALS.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS CONES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COUNTY ENGINEER'S OFFICE, DEPARTMENT OF PUBLIC WORKS, COUNTY OF LOS ANGELES, DIVISION OF CAPITAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 14145 MAGNOLIA BOULEVARD, BEVERLY HILLS, LOS ANGELES, CALIFORNIA 90024. WORKERS COMPENSATION INSURANCE MUST BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1988 EDITION WITH THE SUPPLEMENT AND AMENDMENTS AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED FEBRUARY 21, 1978, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE SUPERVISOR OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 228-2881 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-31 OR PRECAST CONCRETE MANHOLES PER S-31, EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCE AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED AREAS TO BE SIX INCHES ABOVE FINISHED GRADE.
8. WITHIN CLAY PIPE JOINTS SHALL BE 7" OR 10" PER STANDARD SPECIFICATIONS SECTION 208-2.
9. IN A POWER HOLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-28, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
10. 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 W/CP SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-28, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHIN CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH AN ANGLE OF 15° TO 20° TO THE HORIZONTAL PER STANDARD SPECIFICATIONS SECTION 208-2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS AND CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 208-1.3.2 OF THE BIDD. SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL CONSTRUCTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY IS PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
15. SPECIAL BACKFILL IN EXISTING TRENCHES IN BACKFILL TRENCHES AND REPLACE OTHER SOILS AS TO ACHIEVE THE NATURAL OR DESIRED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS PROJECT BY THE LAND DEPARTMENT DIVISION IN ALL BACKFILL AND EARTH RELATED SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE DENSITY PER A.S.T.M. METHOD OF TESTS D1557 AS NOTED. ACCEPTABLE CERTIFICATION OF SOIL COMPANY SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, DEPARTMENT OF PUBLIC WORKS.

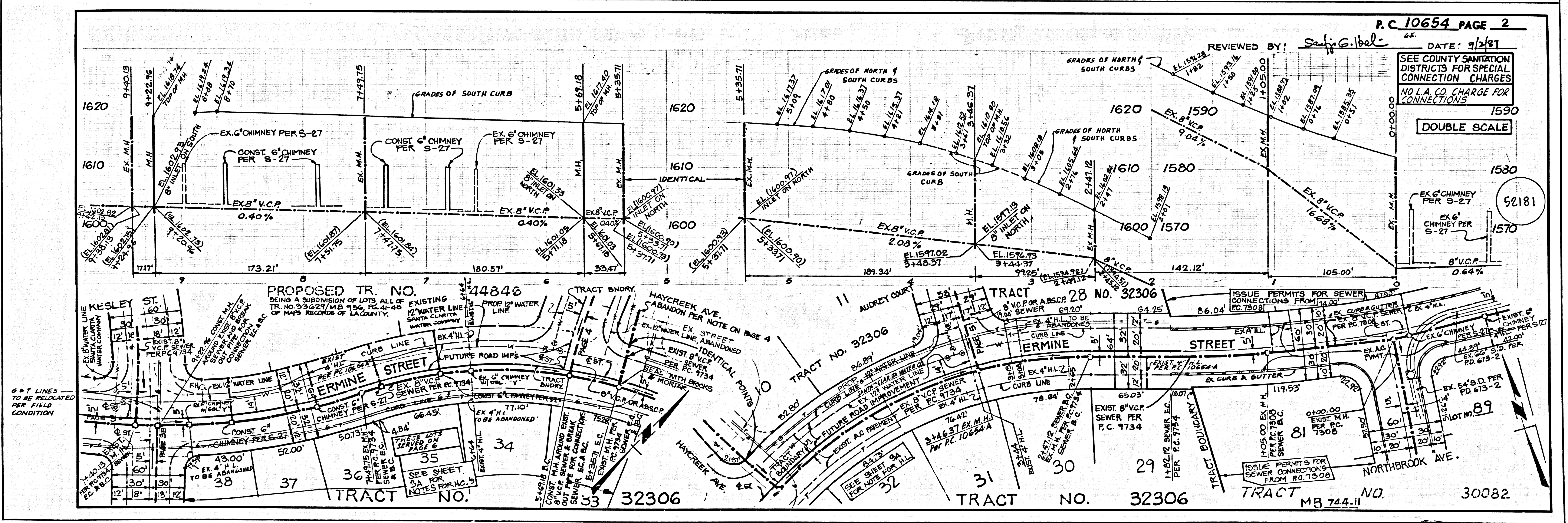
SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40'
 DECEMBER, 1984
 PREPARED IN THE OFFICES OF
ENGINEERING TECHNOLOGY INC.
 14145 MAGNOLIA BOULEVARD
 BEVERLY HILLS, CALIF. 90024
 BY: [Signature]
 REG. CE NO. 15962



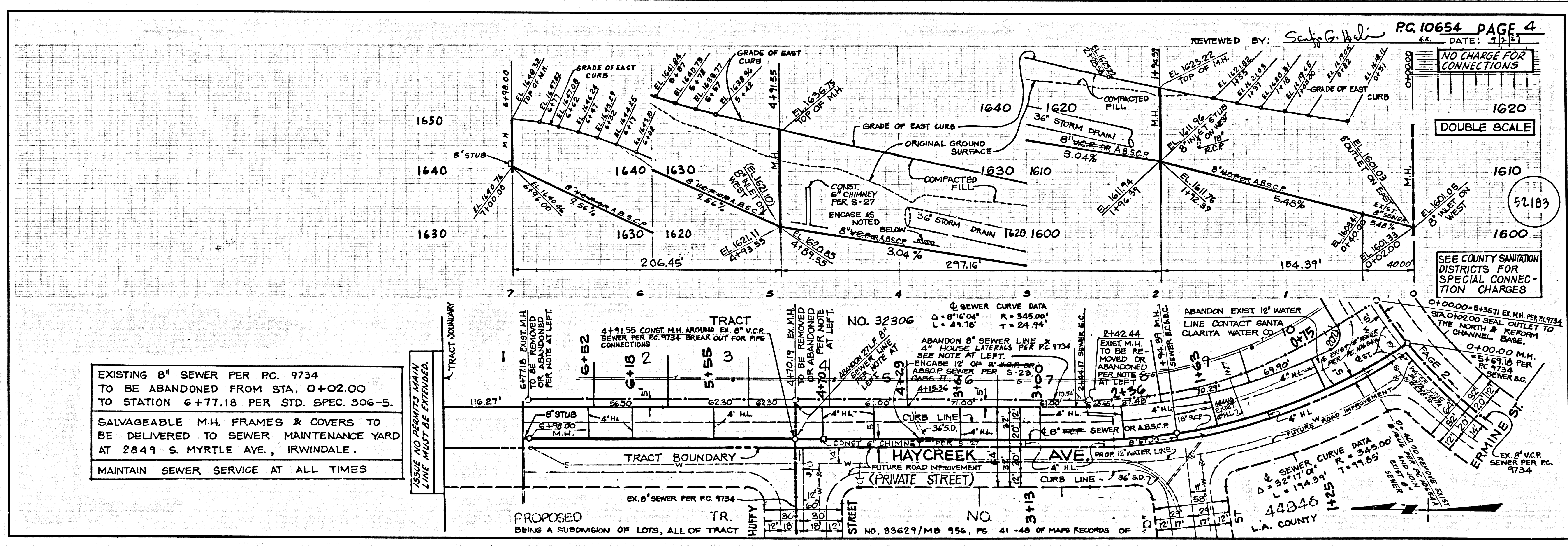
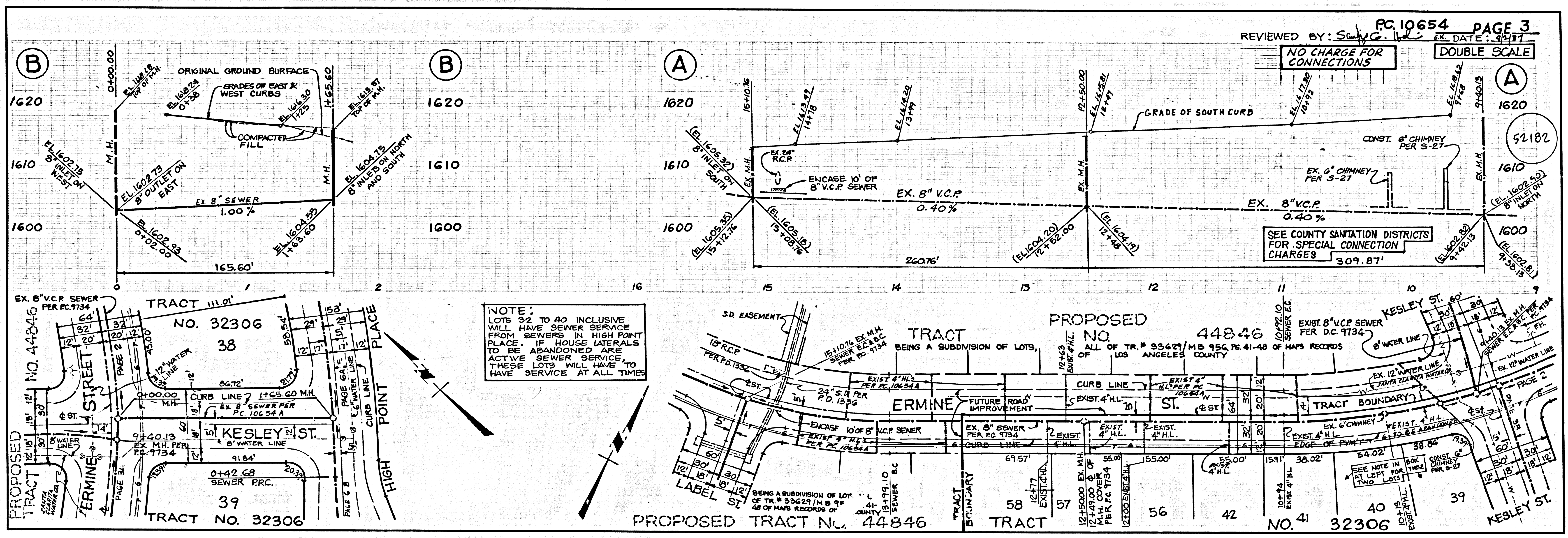
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND.....	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS.....	S-2
BRICK MANHOLE.....	S-3
STANDARD MANHOLE STEP.....	S-4
BEDDING FOR SEWER PIPE.....	S-5
CHANNELING AND ENCASING.....	S-6
WYE OR TEE SUPPORT.....	S-7
ALLOWABLE TRENCH WIDTHS.....	S-8
LOADING MANHOLE FRAME AND COVER.....	S-9
NON-REINFORCED PRECAST CONCRETE MANHOLE.....	S-10
ADDITIONAL STANDARD PLANS - SHOWN AT LEFT	

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER
 CO. SAN. DIST. NO. 25
 APPROVED [Signature] 9/13/87 (DATE)
 APPROVED [Signature] 9/16/87 (DATE)
 CHECKED [Signature] 9/12/87 (DATE)
 REG. CE NO. 16741
 SANTA CLARITA VALLEY BLDG. DIST. 8.2



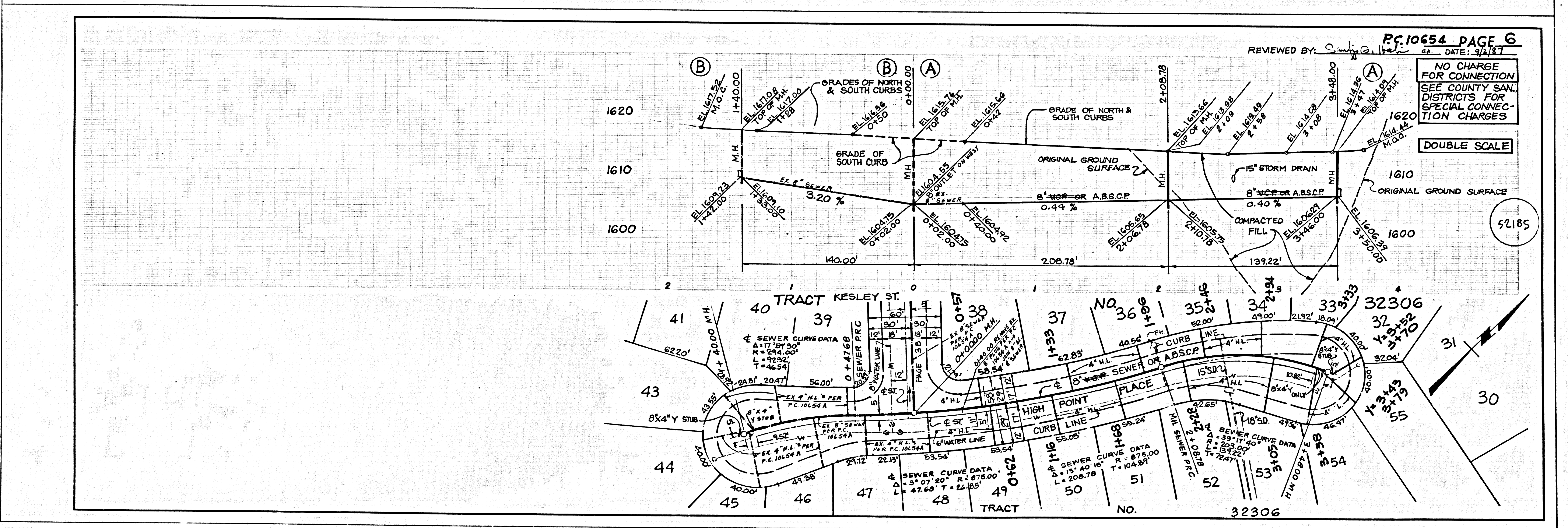
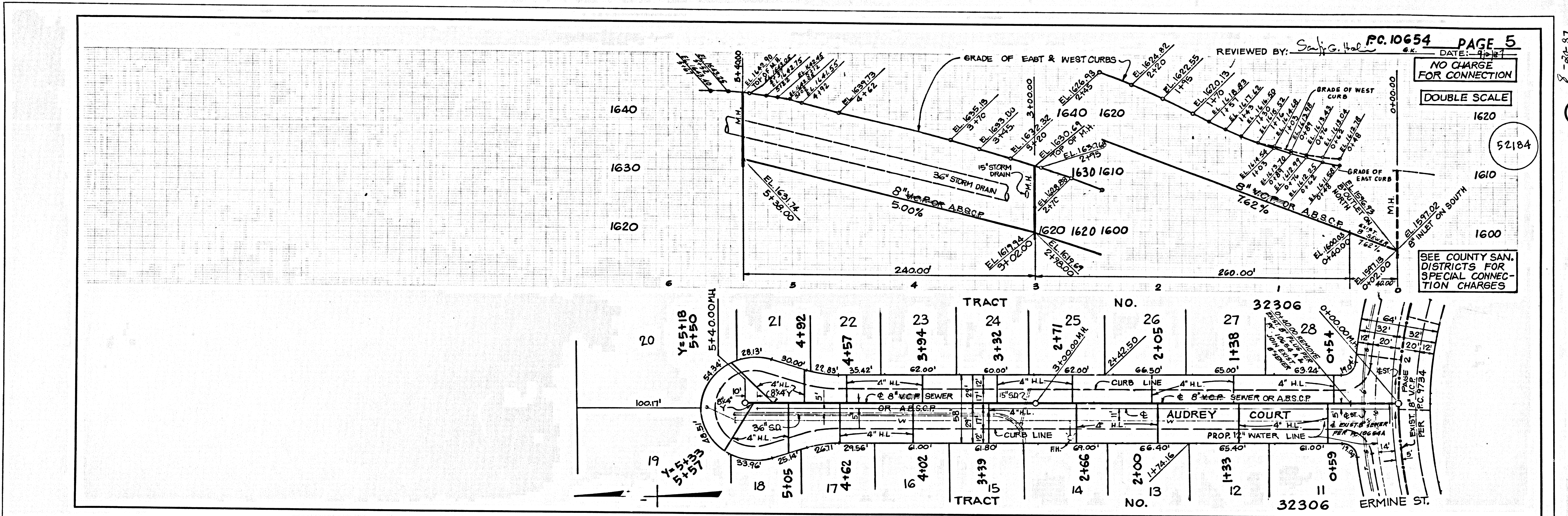
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TRACT NO. 32306 PC. 10654



TRACT NO. 32306 PC. 10654 (3) 3-20-87

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