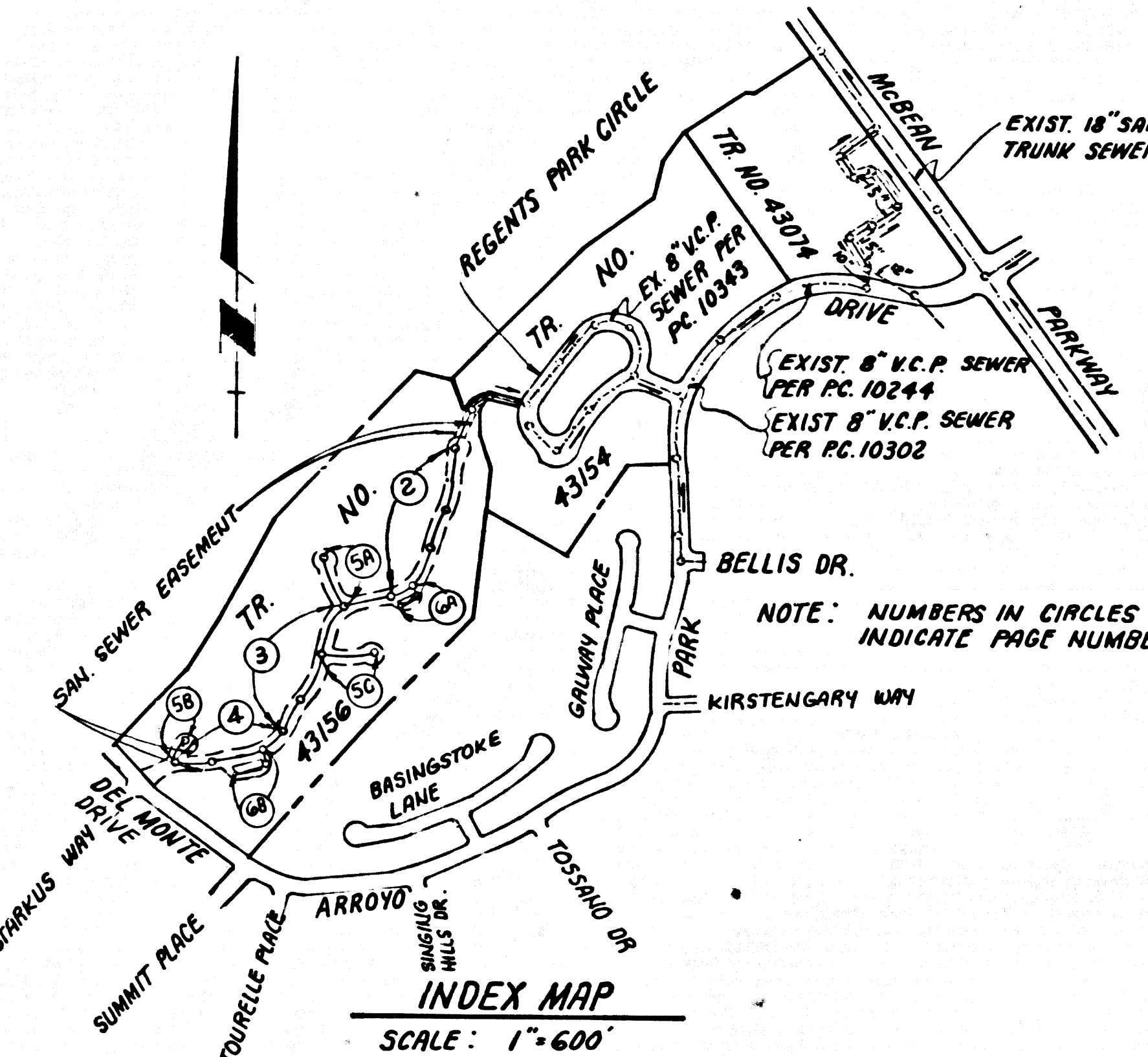


S.M. BL 4233 ELYN EL. 1280.814
 RD. 8M TRG IN N.C.B. McBEAN PKWAY 42N+
 1240 E. INT. TOURNAIMENT RD. 6' W/O CONC.
 W.K. EXT. TO LARWIN'S HOUSE TRACT.
 NEWHALL QUAD. 19.72.

DOUBLE SCALE

REVISION NO. 1 DATE: 3-25-87
 PAGE 2: REVISED PROFILE FROM STA. 3+67.71 TO 10+55.90
 PAGE 3: REVISED PROFILE
 PAGE 4: REVISED PROFILE
 PAGE 5A: REVISED PROFILE
 PAGE 5B: REVISED PROFILE
 PAGE 5C: REVISED PROFILE
 PAGE 6A: REVISED PROFILE
 PAGE 6B: REVISED PROFILE
 APPROVED BY: *Sandy G. Halv* R.C.E. 53154
 OFFICE OF THE DIRECTOR OF PUBLIC WORKS



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.

ISSUE NO HOUSE CONNECTION PERMITS UNTIL OUTLET SEWERS P.C. 10343 AND P.C. 10302 ARE ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES.

- GENERAL NOTES:**
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL, DATUM OF 1988.
 - 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 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, CENTERLINE OF STREETS OR CENTERLINE 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 DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 10' OR 12' BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED AS A STRAIGHT ALIGNMENT AT PROTECTIVE 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 COUNTY, MAY, OF THE COUNTY DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 16... AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2250 WILSON BLVD., LOS ANGELES, CALIFORNIA 90031 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 - IF WORK IS TO DO ONE IN 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 7104.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
 - IN ORDER TO THE EXTENT OF THE REQUIRED SEWER CONSTRUCTION PERMIT 7.14 CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COUNTY, MAY, OF THE DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 16... AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2250 WILSON BLVD., LOS ANGELES, CALIFORNIA 90031 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.

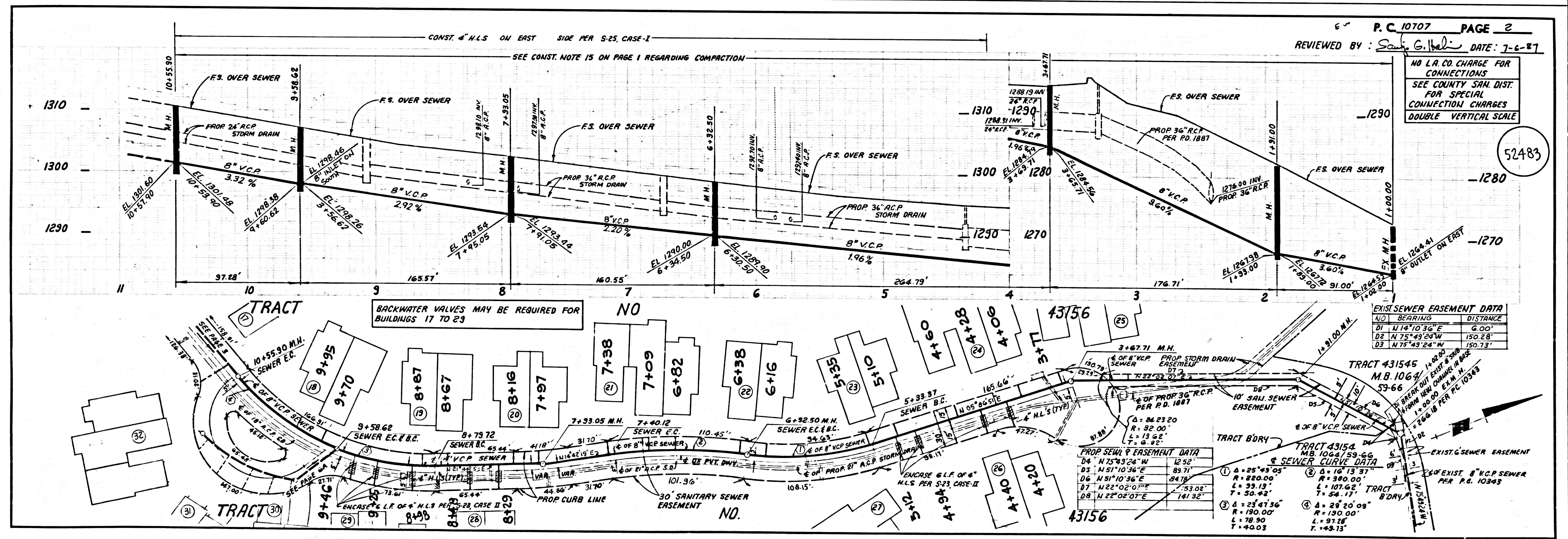
- CONSTRUCTION NOTES:**
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1988 EDITION WITH SUPPLEMENTS) AND WITH THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 1976.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 228-8281 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE 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 9-30 OR PRECAST CONCRETE MANHOLES PER 9-30 EXCEPT AS NOTED.
 - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
 - MANHOLE TOPS IN IMPROVED RIGHTS OF WAY TO BE LEVEL WITH FINISHED GRADE.
 - VERTIFIED CLAY PIPE JOINTS SHALL BE TYPE "O" OR "D" PER STANDARD SPECIFICATIONS SECTION 208-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 208-2 CASE 1 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 MAINLINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 208-2 CASE 1 UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VERTIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER GASKET JOINT, TYPE "O" OR "D" WITHIN BRUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-2.
 - BEFORE 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 208-2.3 OF THE STANDARD SPECIFICATIONS SHALL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS OF A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
 - SPECIAL BACKFILL IN AREAS OF CONSTRUCTION IN BACKFILL TRENCHES AND REPAIRS TO OTHER EARTH SHALL BE TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT BY THE LAND BEAR DIVISION. IN ALL BACKFILL AND EARTH REPAIRS SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER ASTM D 1557 METHOD OF TEST OR ASTM D 1557 MODIFIED METHOD OF TEST. CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, DEPARTMENT OF PUBLIC WORKS.

SCALE: VERT. 1"=4'
 HORIZ. 1"=40'
 APRIL, 1987
 PREPARED IN THE OFFICES OF
SIX AND ENGINEERS ASSOCIATES
 1320 BURBANK BLVD.
 VAN NUYS, CALIFORNIA 91411
 (818) 747-8550
 BY: *Ronald R. Ham*
 REG. C.E. NO. 16313

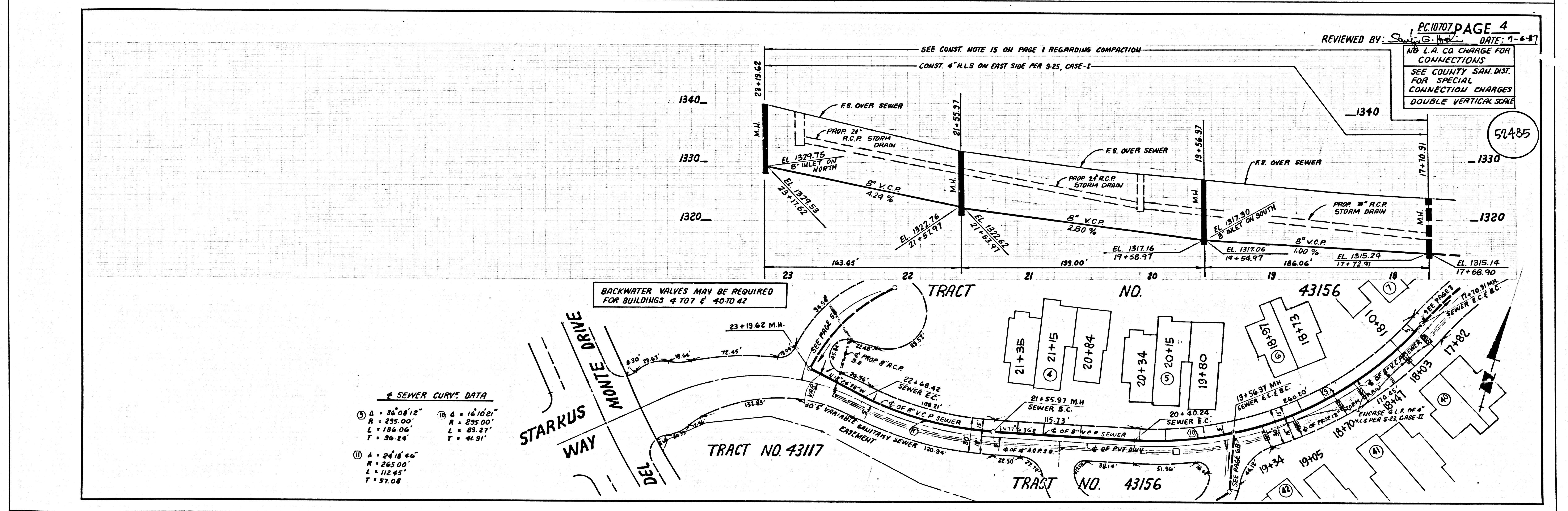
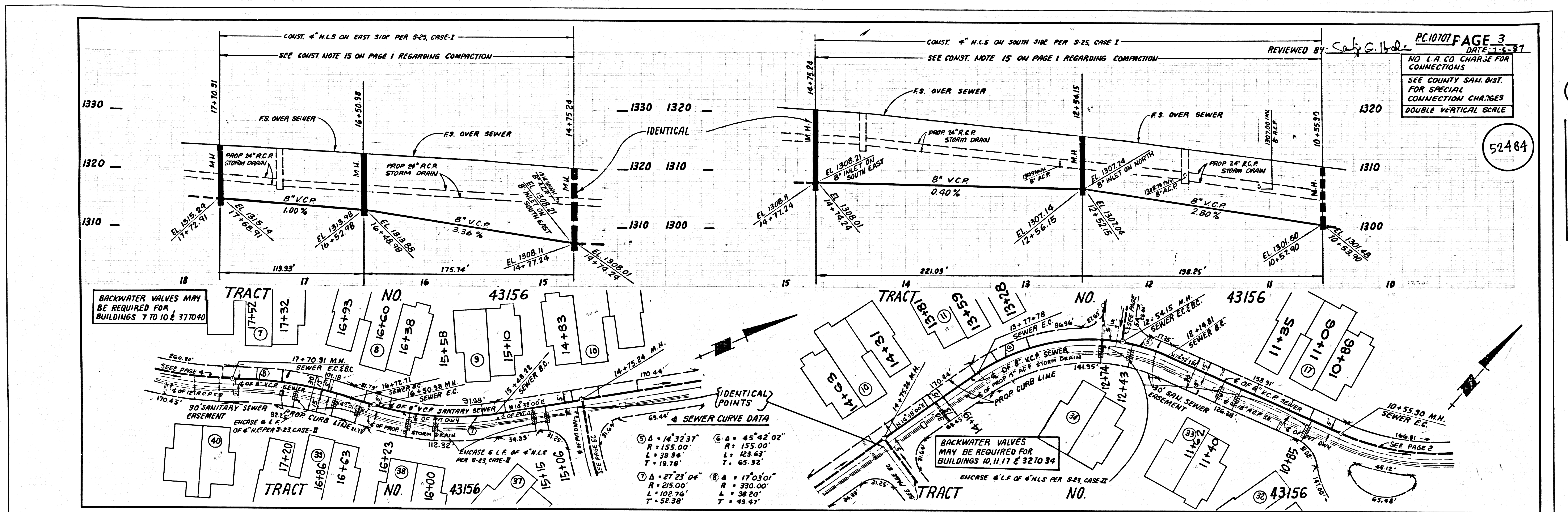
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

MINIMUM PUBLIC SAFETY REQUIREMENTS	9-1
BRICK MANHOLE	9-3
STANDARD MANHOLE STEP	9-17
RECORDING FOR SEWER PIPE	9-21
GRADING AND ENCASUREMENT	9-23
WYE OR TEE SUPPORT	9-28
ALLOWABLE TRENCH WIDTH	9-32
LOCKING MANHOLE FRAME AND COVER	9-35
NON-REINFORCED PRECAST CONCRETE MANHOLE	9-38
SPEECH HOUSE LATERALS	9-39

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER
 APPROVED: *Dean E. Phillips* 7/6/87
 CHECKED: *Edna* 7/6/87
 REG. C.E. NO. 16241
 SOUTH CLAYTON VALLEY BLDG. DIST. 82



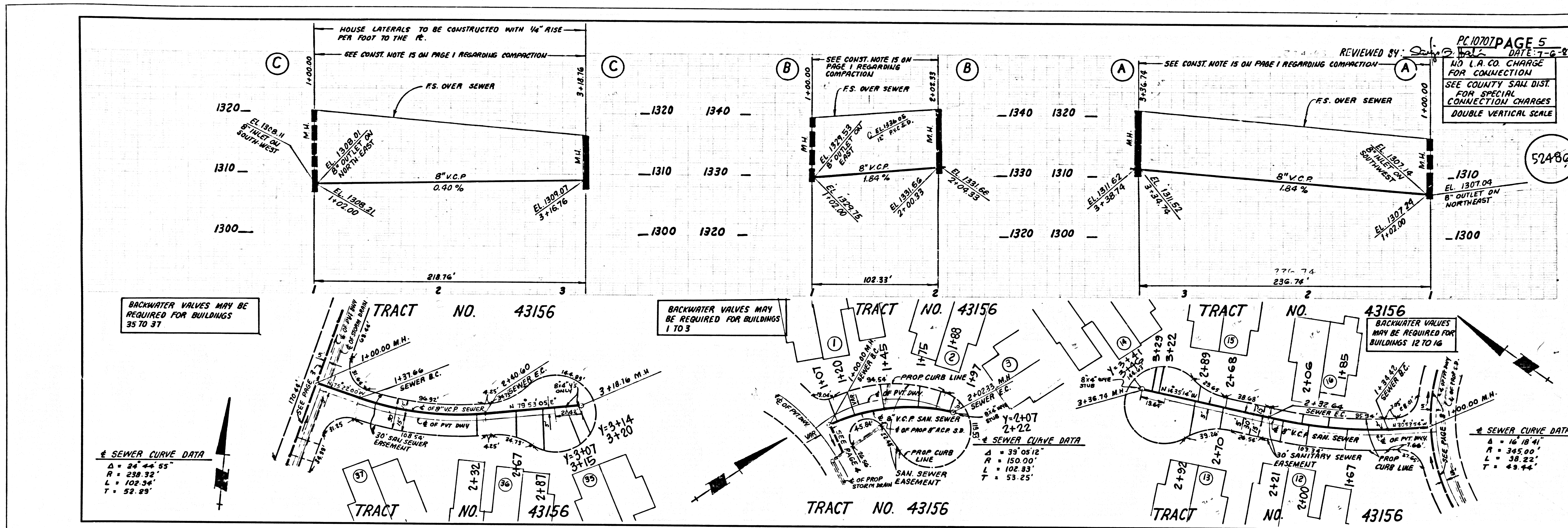
52482
 52483
 TOTAL 39
 SHEET ON TRACT



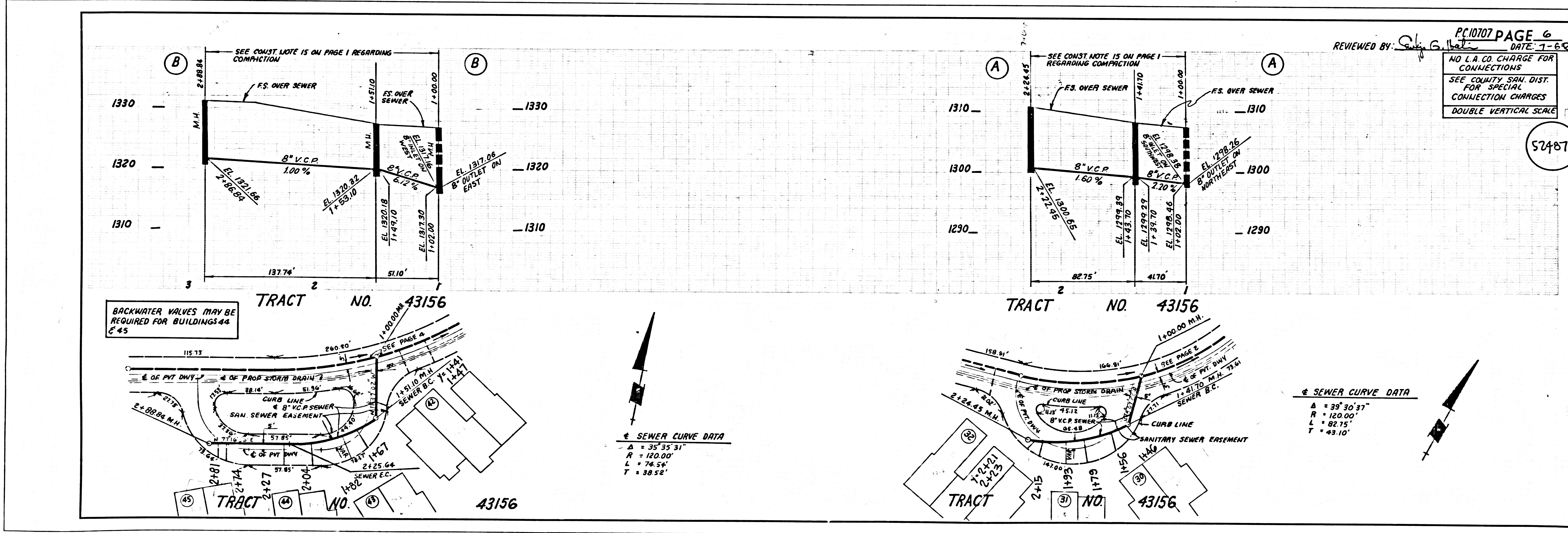
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1001 39

2424 ON TRACT



52486
TOTAL 39
SECT. ON TRACT



57487