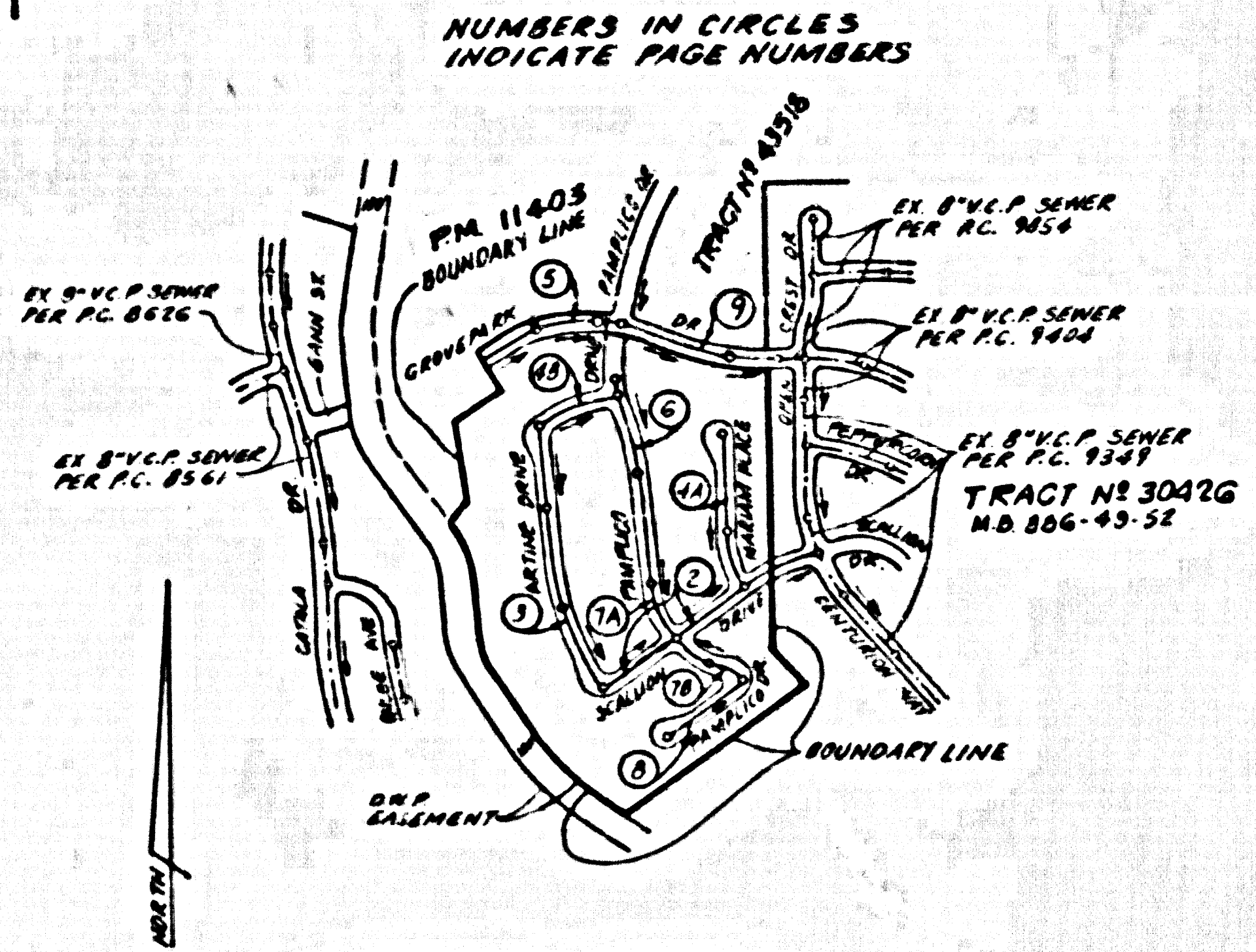


B.M. CL 625 ELEV. 1283.327
 L&T NR. BCR @ SE COR. OF E SERVICE
 RD OF SECO CWN TO A PAMPHICO DR
 45 FT 3 1/8 FT E CL INT MND (84 E.V.)
 NEWHALL QUAD. 1983

DOUBLE VERTICAL SCALE



INDEX MAP
 SCALE: 1" = 600'
TRACT No. 44378
P.C. 10513

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.

- CONSTRUCTION NOTES CONT'**
16. FULL COMPLIANCE WITH PART III OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATIONS 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. COMP. MAINLINE SEWER PIPE.
 19. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMP. PIPE IS USED.
 20. ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
 21. A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.
 22. ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

LOT NO. 130 IS RESTRICTED TO NO CONSTRUCTION AND WILL NOT BE SERVED BY THIS SEWER

REVISION NO. 1 OCTOBER 28, 1988
 PAGE 5: REVISE GRADE OF 8" V.C.P. BETWEEN STA. 11+00.00 & 11+15.00 TO ELIMINATE TYP. TO N. SIDE OF 8" V.C.P. WESTERN OF STA. 7+00.00. EXTEND 8" V.C.P. MAIN LINE SEWER TO STA. 11+82.00
 APPROVED BY: *Saul G. Halpern* DATE: 1-27-89
 APPROVED: DEPT. OF PUBLIC WORKS

- GENERAL NOTES:**
1. ELEVATIONS ARE 16 FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1988.
 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR 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 CURB, CENTER LINE OF STREET OR CENTER LINE OF ALLEY ARE SHOWN BY CIRCLES OR PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE BETWEEN THESE SAID DESIGNATED POINTS.
 5. THE PRIVATE ENGINEER SHALL FURNISH THE SET OF PUBLIC RECORDS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 7" OR 8" BRANCHES AND SHALL INCLUDE 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 EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER AND CHANGE IN ALIGNMENT SHALL BE REQUIRED IN WRITING BY THE PRIVATE ENGINEER.
 6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AS 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 DEPT. OF PUBLIC WORKS AND PERMIT OFFICE NO. 6. (PAY FEE TO THE DIRECTOR OF PUBLIC WORKS, 530 S. VERMONT AVE., LOS ANGELES, CA. 90010, TO OBTAIN THE COPY 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 OR OF 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 1.16.1 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 COUNTY ENGINEER, DIVISION 310, 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 REPT. OF PUBLIC WORKS, 2225 ALCAZAR STREET, LOS ANGELES, CALIFORNIA 90011. NAMED AS THE CERTIFICATE HOLDER TO 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 DEPT. OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 3/27/87.
 2. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER, COUNTY ENGINEER DIVISION BY TELEPHONE 759-9198 AT LEAST TWENTY-FOUR 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 MAINLINE SEWERS EXCEPT AS NOTED.
 5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-3B, EXCEPT AS NOTED.
 6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED 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 TYPE "B" OR "C" PER STANDARD SPECIFICATIONS SECTION 505-2.
 9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 5-2B, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 10. 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 5-2B, CASE B UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
 11. ALL JOINTS IN TRENCH DRAIN HOUSING AND WITHIN CLAY PIPE SHALL BE MADE WITH A RUBBER BLEND JOINT, TYPE "C" OR "D", (FIFTH EDITION IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 505-3.
 12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 505-1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 13. REPAIR ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 14. FULL COMPLIANCE WITH SECTION 505-1.9 OF THE S.P.S. SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL CONSTRUCTION AND SAND EQUIVALENTS BY A QUALIFIED, PERMITTED TESTING LABORATORY MUST BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
 15. SPECIAL BACKFILL IN EXISTING CONSTRUCTION (A) BACKFILL TRENCH AND REPLACE OTHER SANDY SOIL AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. (B) ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A 3" STD. METHOD OF TEST DRYSET AS SPOOLED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE FURNISHED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPT.

PROFILE, ALIGNMENT AND GRADE OF **PAGE 1**
SANITARY SEWERS
 TO BE CONSTRUCTED IN
TRACT No. 44378
INDEX A-84
PRIVATE CONTRACT NO. 10513

5 SHEETS, 9 PAGES

SCALE: VERT. 1" = 8' APRIL 1988
 HORIZ. 1" = 40'

PREPARED IN THE OFFICES OF
LANCO ENGINEERING
 GREENSHAW BOULEVARD SUITE 200 TORRANCE CALIFORNIA 90501
 BY: *M. C. M. Jones*
 REG. C. E. No. 22528

53385

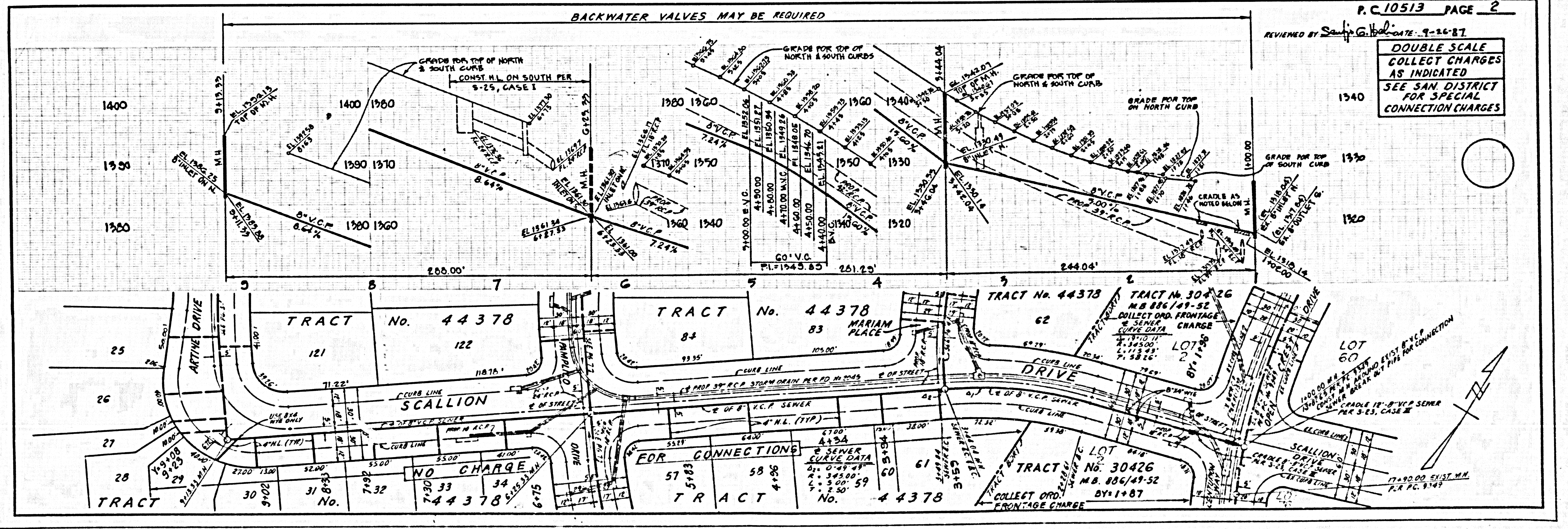
THE FOLLOWING LIST SHOWS STANDARD PLANS ON FILE IN THE OFFICE OF THE PUBLIC WORKS. THESE APPEAR IN THE CROSS SECTION OF THE PROJECT.

SEWER	5-1
BRICK MANHOLE	5-2
PRECAST CONCRETE MANHOLE	5-3
BRICK MANHOLE WITH	5-3B
BRICKS FOR DRIVE PIPES	5-4
CONCRETE AND ENCASEMENT	5-5
WYE OR TEE SUPPORT	5-6
ALLOWABLE TRENCH WIDTHS	5-7
EXCAVATION BRICKS AND COVER	5-8
NON-REINFORCED PRECAST CONCRETE MANHOLES	5-9

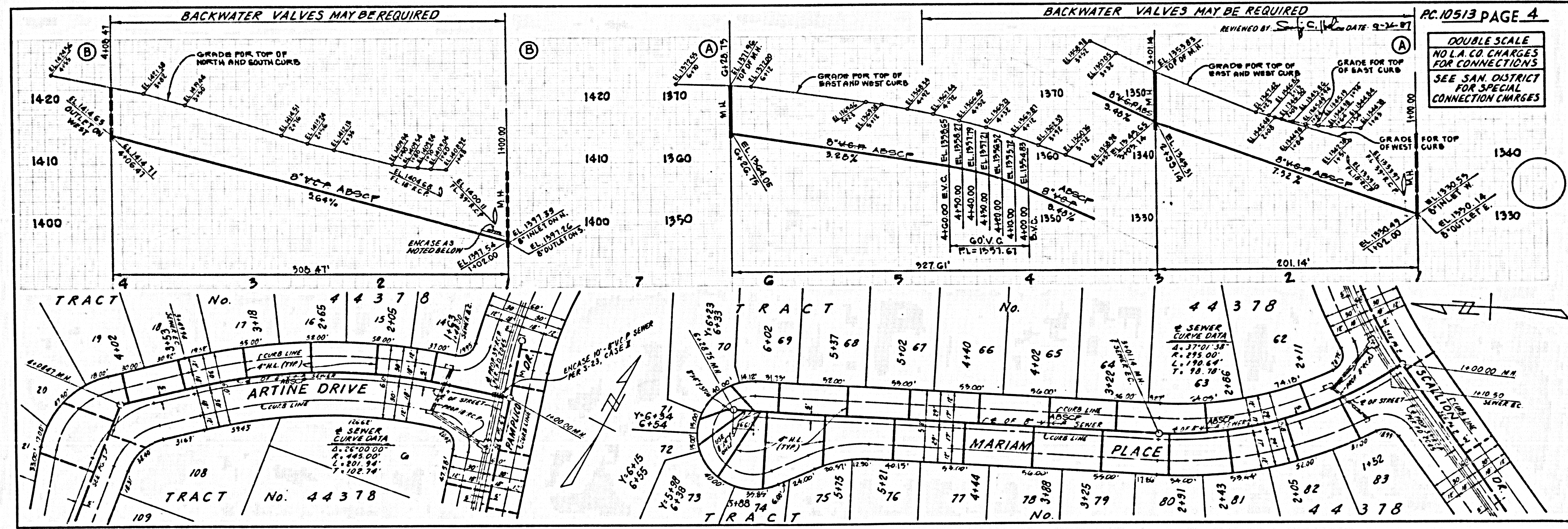
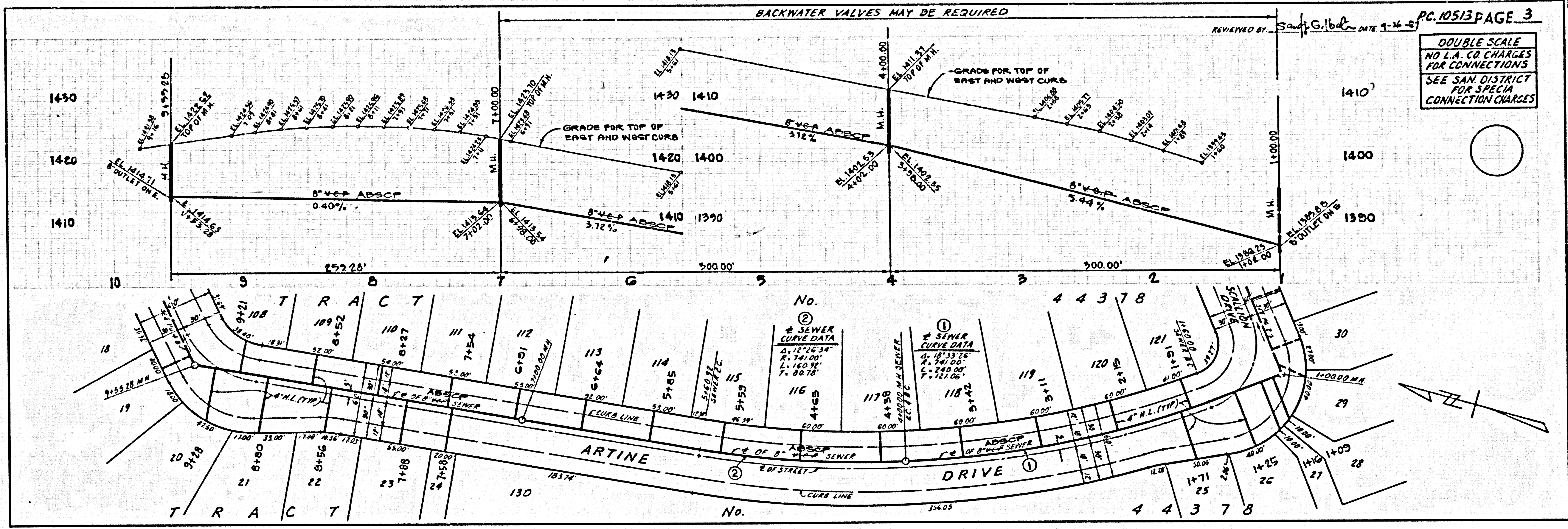
COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 APPROVED: *Dean E. Johnson* 9/20/87 DATE: 9/20/87
 CHECKED: *Saul G. Halpern* 9/25/87 DATE: 9/25/87
 REG. C. E. NO. 18841

CHARLES W. CARR, CHIEF ENGINEER
 APPROVED: *Charles W. Carr* 9/25/87 DATE: 9/25/87
 REG. C. E. NO. 18841

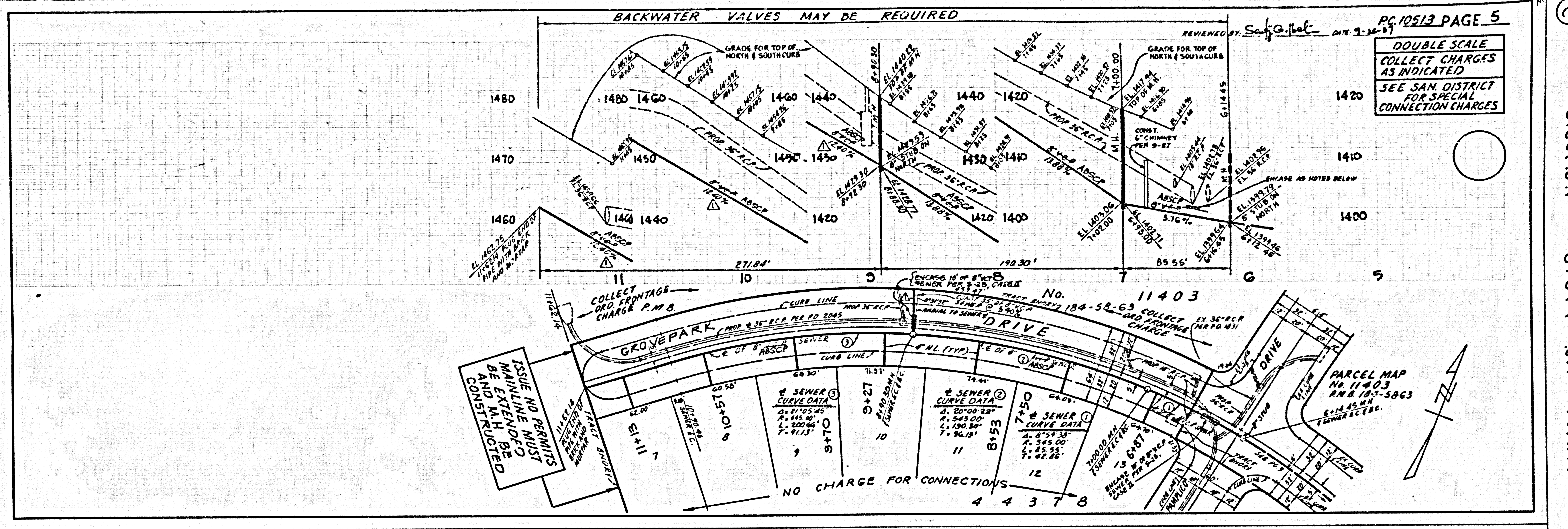
SANTA CLARITA VALLEY BLDG. DIST. 82



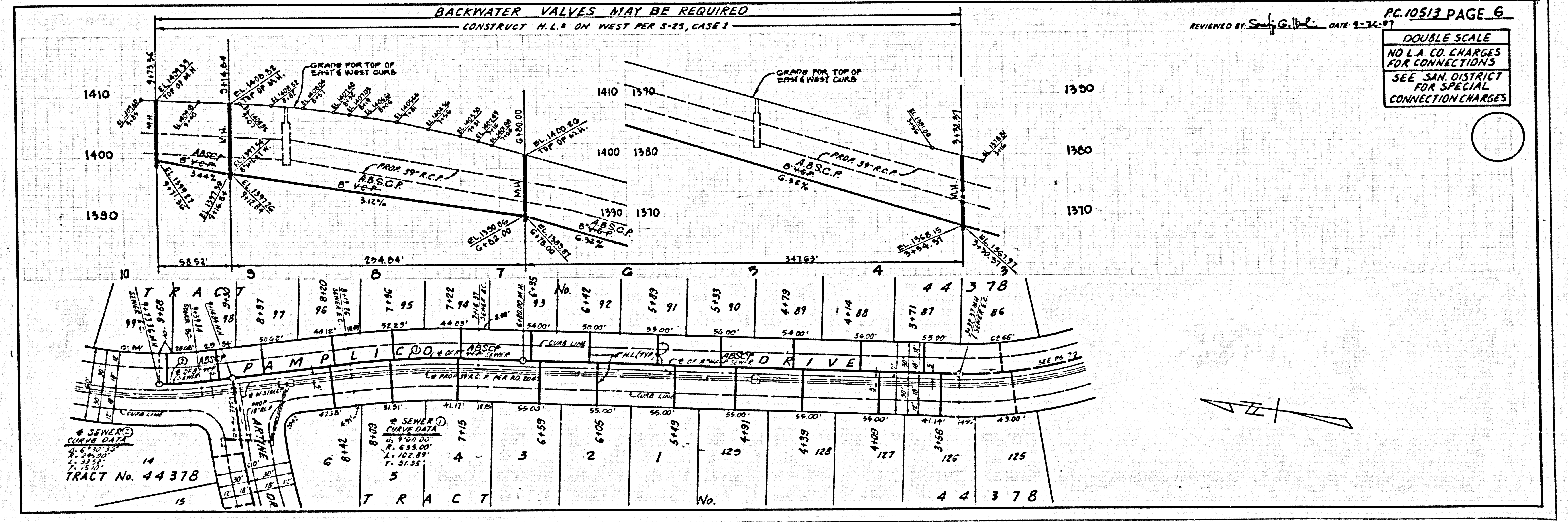
DOUBLE SCALE
 COLLECT CHARGES AS INDICATED
 SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES



S
E1201 29
8744 0M
T2A9T

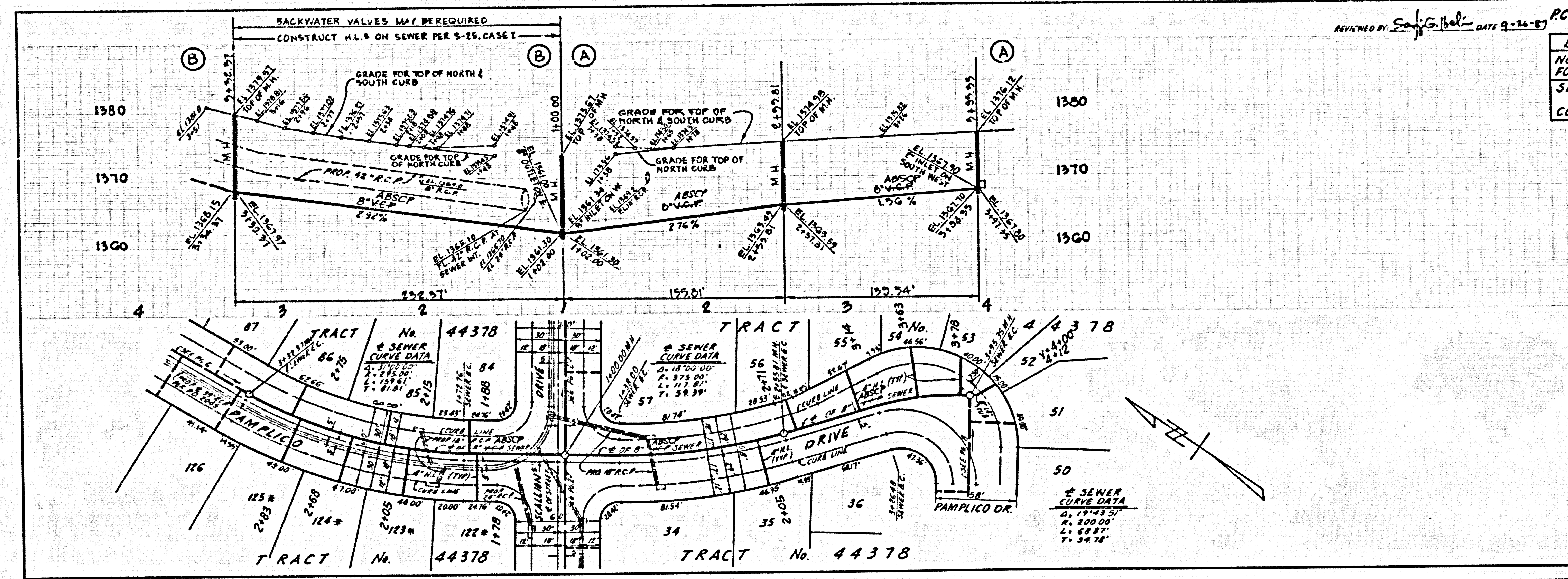


E 1201 29 8544 0M 13ART



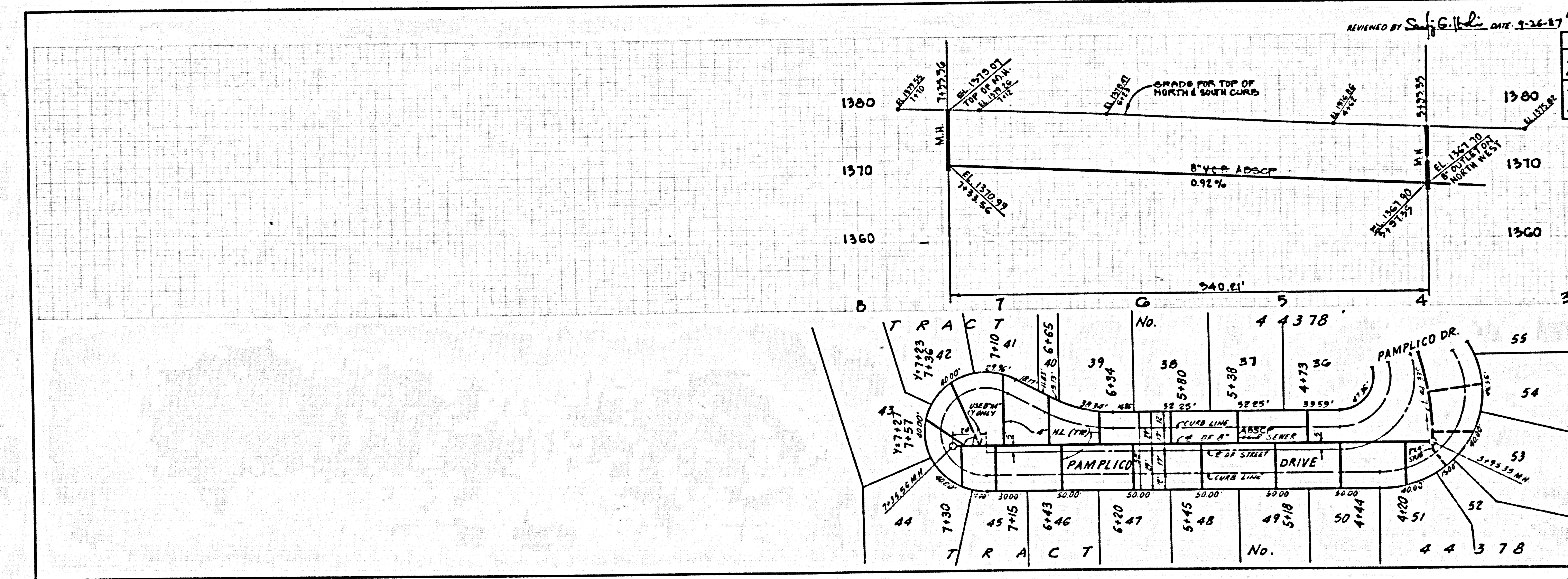
B-2:3

DOUBLE SCALE
NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES



1380
1370
1360
TRACT No. 44378
TRACT No. 44377
TRACT No. 44379

DOUBLE SCALE
NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES



1380
1370
1360
TRACT No. 44378
TRACT No. 44379

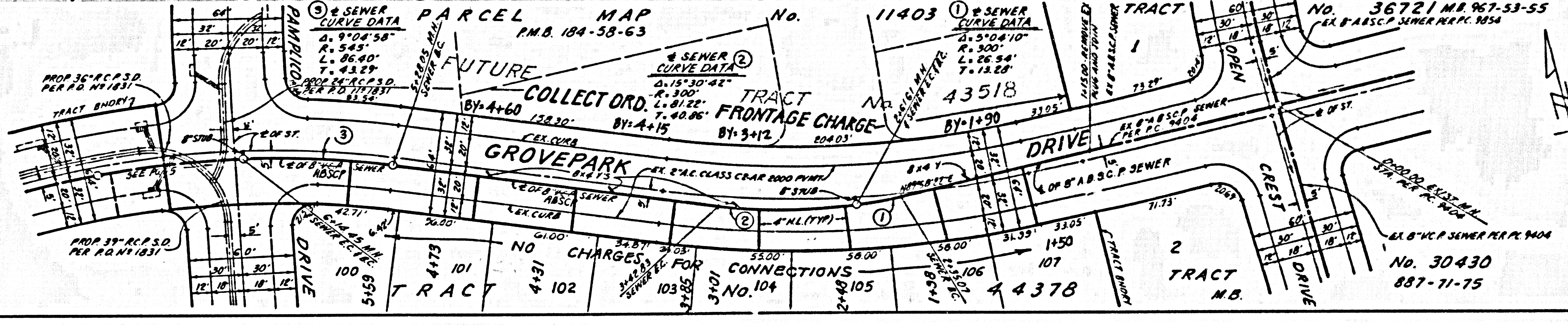
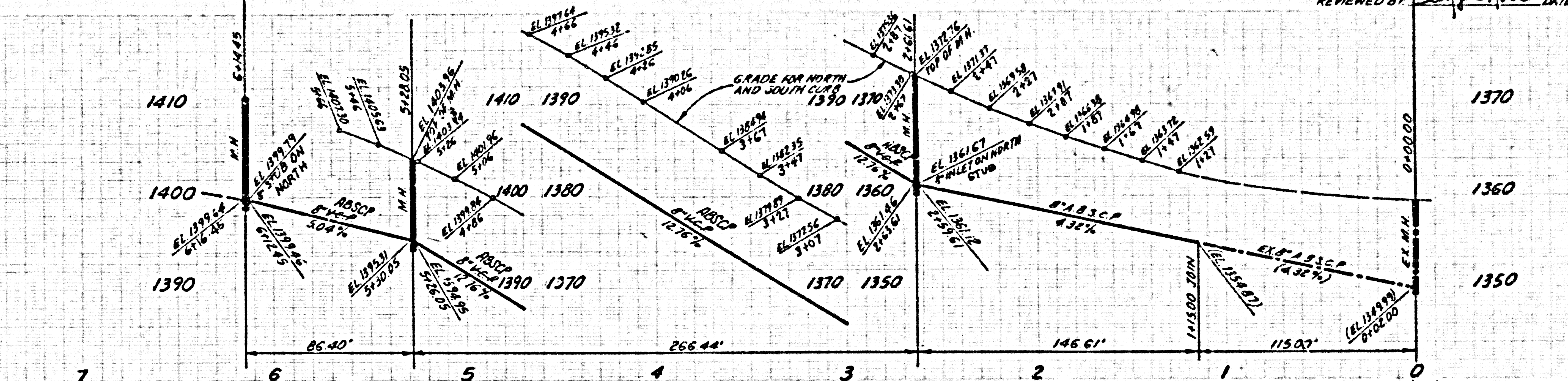
BACKWATER VALVES MAY BE REQUIRED

REVIEWED BY *Sauji G. Bal* DATE 9-26-87 PC 10513 PAGE 9

DOUBLE SCALE
COLLECT CHARGES
AS INDICATED

SEE SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF
THIS PAGE CONTRACTOR
MUST VERIFY INVERT
ELEVATION AT STA 1+1500



PAGE

② E1201 3A 87E44 0M T3A9T