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 DPM IN THE LOT AND BOX 8 CO. SIERRA HWY
 6 VIA PRINCESSA CRT N WEST E/O CAL INT

NEWHALL QUAD. 19.93

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWER
 SHOWN ON THESE DRAWINGS UNLESS A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
 HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTIONS.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER
 AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A SANITATION DISTRICT INSPECTOR
 SHALL BE NOTIFIED BY PHONE AT (800) 882-4851, SO THAT REQUIRED INSPECTIONS CAN BE MADE.

DOUBLE SCALE

INDEX MAP
 SCALE: 1" = 600'
 P.C. 11407 TRACT NO. 47200-04
 THOMAS GUIDE PG. NO. 4551/A-6, 4552/A-6
 NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE
 PLANS IS OBTAINED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE
 ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO
 TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT
 OF RECORD OR NOT SHOWN ON THIS DRAWING. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL CALL
 TOLL FREE 1-800-482-4139 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES.
 THE CONTRACTOR SHALL ALSO CALL MR. RAY CANNON OF GENERAL TELEPHONE COMPANY AT
 1-800-948-8871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

REGISTERED CIVIL ENGINEER NO. 35453 EXP. 03-30 DATE 12/07/98

NPDES NOTES
 BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

- Erosion sediments and other pollutants must be retained on site and may not be transported from the site via erosion, runoff, storm drainage, natural drainage courses or wind.
- Mobilization of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
- Fuels, oils, solvents and other toxic materials must be stored in accordance with their listing and use not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.
- Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wash on site until it can be disposed of as solid waste.
- Trash and construction related solid wastes must be deposited into a covered container to prevent contamination and dispersed by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadway must be established so as to prevent sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soils or removed of vegetation must be stabilized as to inhibit erosion by wind and water.

The following BMPs are outlined in, but not limited to, the Best Management Practice Handbook, California Stormwater Quality Task Force, (http://www.water.ca.gov/bmp). THE LATEST EDITION WILL BE USED UNLESS OTHERWISE SPECIFIED. (ADDITIONAL) MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY COUNTY:

- CA01 - DEMATERING OPERATIONS
- CA02 - PAINTING OPERATIONS
- CA03 - STRUCTURE CONSTRUCTION AND PAINTING
- CA04 - MATERIAL HANDLING AND STORAGE
- CA05 - SOIL EROSION CONTROL
- CA06 - WASTE MANAGEMENT
- CA07 - CONCRETE WASTE MANAGEMENT
- CA08 - SANITARY/SPECTIC WASTE MANAGEMENT
- CA09 - WASTE MANAGEMENT
- CA10 - VEHICLE AND EQUIPMENT MAINTENANCE
- CA11 - SCHEDULING
- CA12 - PRESERVATION OF EXISTING VEGETATION
- CA13 - SEEDING AND PLANTING
- CA14 - MULCHING
- CA15 - RECTANGLES AND CURBS
- CA16 - DUST CONTROL
- CA17 - TEMPORARY STREAM CHANNELS
- CA18 - CONSTRUCTION ROAD STABILIZATION
- CA19 - STABILIZED CONSTRUCTION ENTRANCE
- CA20 - STORM DRAIN INLET PROTECTION

LOTS 67 AND 68 ARE RESTRICTED TO NO CONSTRUCTION OF RESIDENTIAL BUILDINGS AND WILL NOT BE SERVED BY THIS SEWER.

GENERAL NOTES:

- A SEWER CONNECTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE PERMIT COUNTER, 800 SOUTH PRINCESSA AVENUE, 5TH FLOOR, ALHAMBRA, CALIFORNIA 91801 PRIOR TO STARTING WORK UNDER THIS CONTRACT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS ETC., MUST BE FILED WITH THE PERMIT APPLICATION.
- PRIOR TO BREAKING INTO ANY PERMIT THE CONTRACTOR SHALL FILE 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 PUBLIC WORKS SHOWN AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAY, 130 SOUTH BRIDGES STREET, LOS ANGELES, CALIFORNIA.
- WORK MUST BE WITHIN A CONTRACT CITY. THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO PAY THE INSPECTION FEE.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE APPLICATION FOR CONSTRUCTION PERMIT TO ARRANGE FOR AN EXCAVATION LOCATION AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (311) 400-3128 AT LEAST FIFTEEN (15) WORKING DAYS PRIOR TO STARTING ANY WORK UNDER THIS CONTRACT.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO 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.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, INCLUDING SUPPLEMENTS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, AND SHALL BE PROCEEDED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-14.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN REGARD TO SAFETY PERSONNEL AND SHALL CONFORM TO THE MINIMUM PUBLIC SAFETY REQUIREMENTS AS SHOWN ON LOTS 67 AND 68. ALL SAFETY PERSONNEL SHALL BE TRAINED AND CERTIFIED TO THE MINIMUM PUBLIC SAFETY REQUIREMENTS AS SHOWN ON LOTS 67 AND 68.
- 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.
- BRACES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS OR CENTERLINE OF STREETS, OR CENTERLINE OF ALLEYS, ARE SHOWN BY CIRCLES OR SQUARES 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, BRANCHES AND SHALL PROVIDE BRACES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY LATERALS AND LOT OR LATERALS TO BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE. BRACES EXCEPT AS SHOWN ON THE PLANS, HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE H.L. BRACES MAY CHANGE IN ALIGNMENT SHALL BE INDICATED IN WRITING BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
- THE LATEST REVISED STANDARD PLAN OR DRAWING SHALL BE USED UNLESS OTHERWISE SPECIFICALLY NOTED.

CONSTRUCTION NOTES:

- PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 808-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN 8-23, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER BLSERVE JOINT, TYPE "D" WITH BRACES IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 808-2.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- IF DURING THE COURSE OF CONSTRUCTION, IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN 8-23, CASE II, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL STRUCTURES SHALL BE EITHER BRICK OR PRECAST CONCRETE PER STANDARD PLAN 8-23, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- REPLACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
- FULL COMPLIANCE WITH SECTION 300-1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS, CERTIFICATION OF BACKFILL COMPLETION, AND SAND SUBDIVALANTS BY A REGISTERED CIVIL ENGINEER SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF THE PARTIAL ACCEPTANCE.
- ALL BACKFILL AND FILL OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM 998, METHOD D, 100% TO METHOD D, UNLESS OTHERWISE SPECIFIED. THIS SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. THIS CERTIFICATION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO ACCEPTANCE OF THE WORK BY THE COUNTY.
- MANHOLE TOPS IN IMPROVED AREAS OF WAY TO BE LEVEL WITH FINISHED GRADE.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 300-1.4 OF THE STANDARD SPECIFICATION AND SPECIAL PROVISIONS.
- 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.

PROFILE, ALIGNMENT AND GRADE OF **PAGE 1**

SANITARY SEWERS (54760)

TO BE CONSTRUCTED IN

TRACT NO. 47200-04

PRIVATE CONTRACT NO. 11407

INDEX 1417

3 SHEETS; 6 PAGES

VERT. 1" = 6'
 SCALE: HORIZ. 1" = 40' DECEMBER, 1998

PREPARED IN THE OFFICES OF
SIKAND ENGINEERING
 15230 BURBANK BLVD., VAN NUYS, CA 91411-3698
 BY: REG. C.E. No. 35453 TEL. (818) 787-8550

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: MINIMUM PUBLIC SAFETY REQUIREMENTS 8008-0
 STANDARD MANHOLE STEP 8018-0
 SECTION FOR SEWER PIPE 8021-0
 CRACKING AND ENCASEMENT 8023-1
 WYE OR TEE SUPPORT 8024-0
 ALLOWABLE TRENCH WIDTH 8027-0
 LOCKING MANHOLE FRAME AND COVER 8028-1
 NON-REINFORCED PRECAST CONCRETE MANHOLE 8030-0
 BLANKET PROTECTION FOR PIPES 8032-0
 REQUIREMENTS FOR SAN. SEWERS NEAR WATER MAINS 8100-0
 RECTANGULAR SHALLOW MANHOLE 8200-0
 RECTANGULAR MANHOLE FRAME & COVER 8214-0
 HOUSE CONNECTION SEWER 8220-0

* DENOTES A.P.M.A. STD. PLAN (1994) EDITION

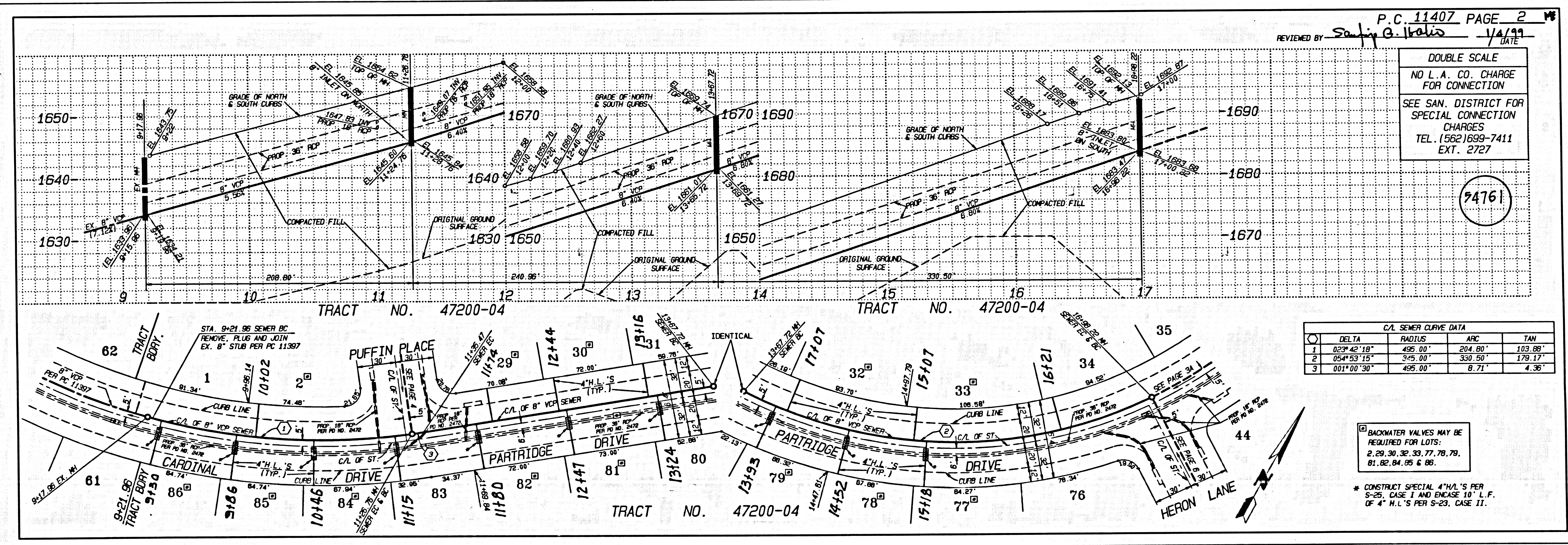
COUNTY OF LOS ANGELES, CALIFORNIA

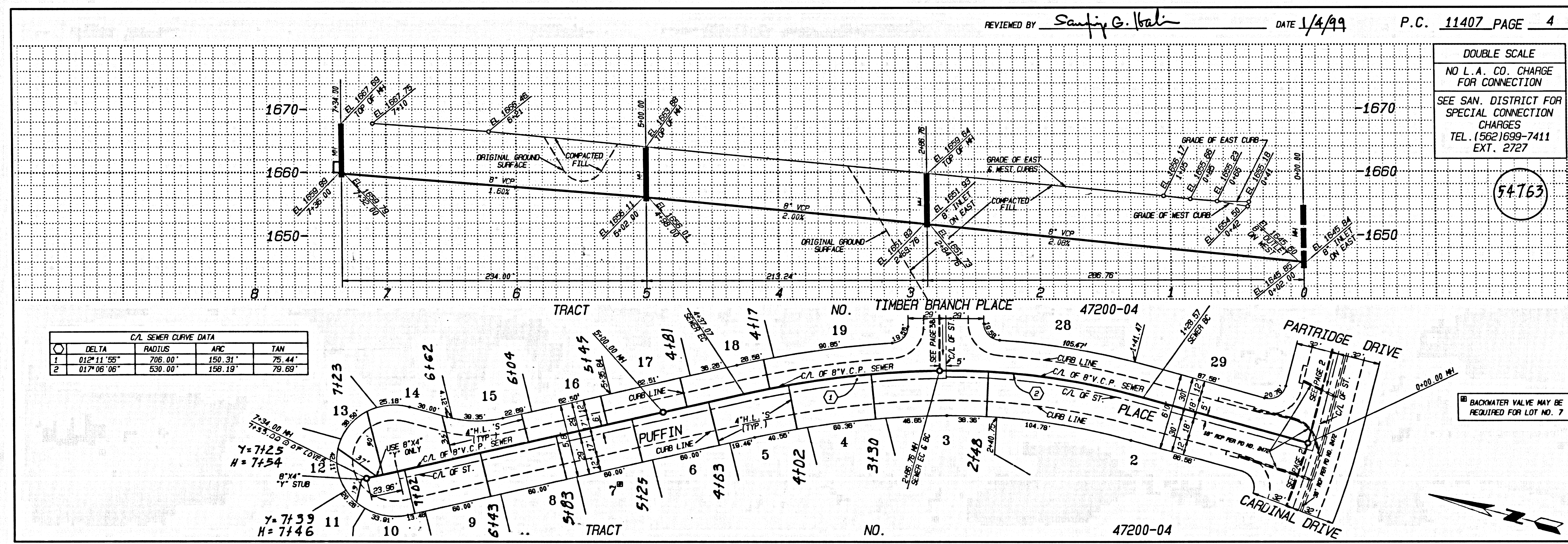
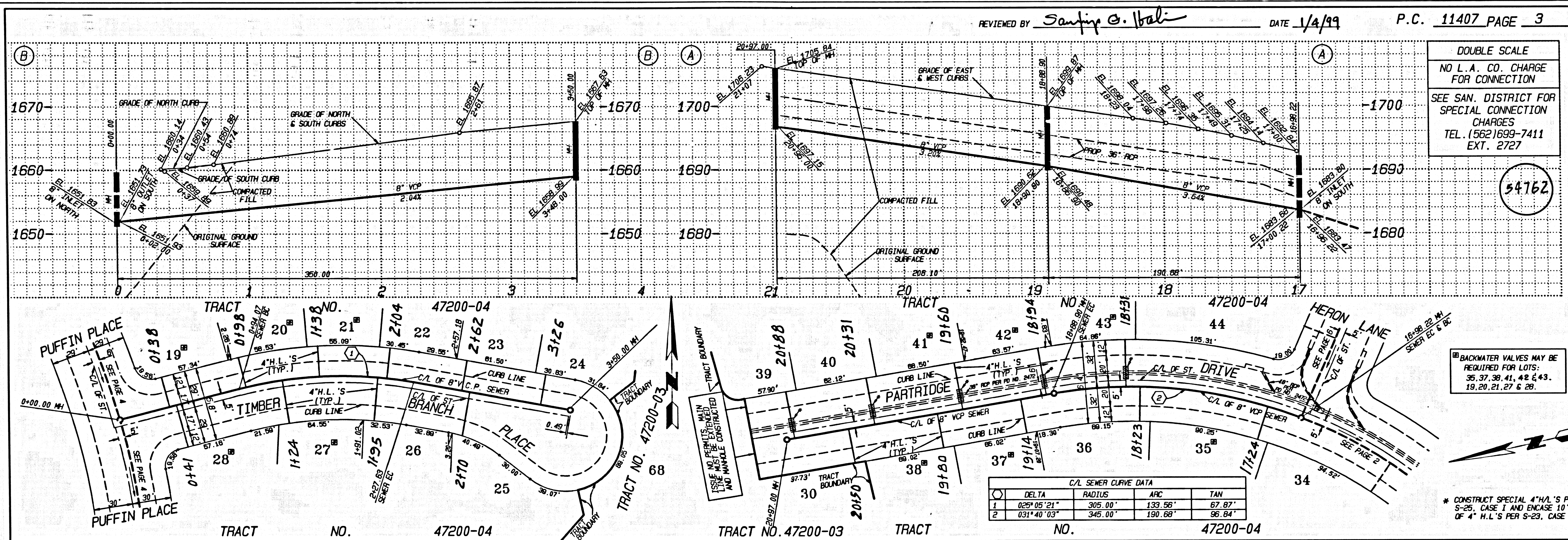
HARRY M. STONE
 DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY
 CHIEF ENGINEER
 CO. SAN. DIST. NO. 226

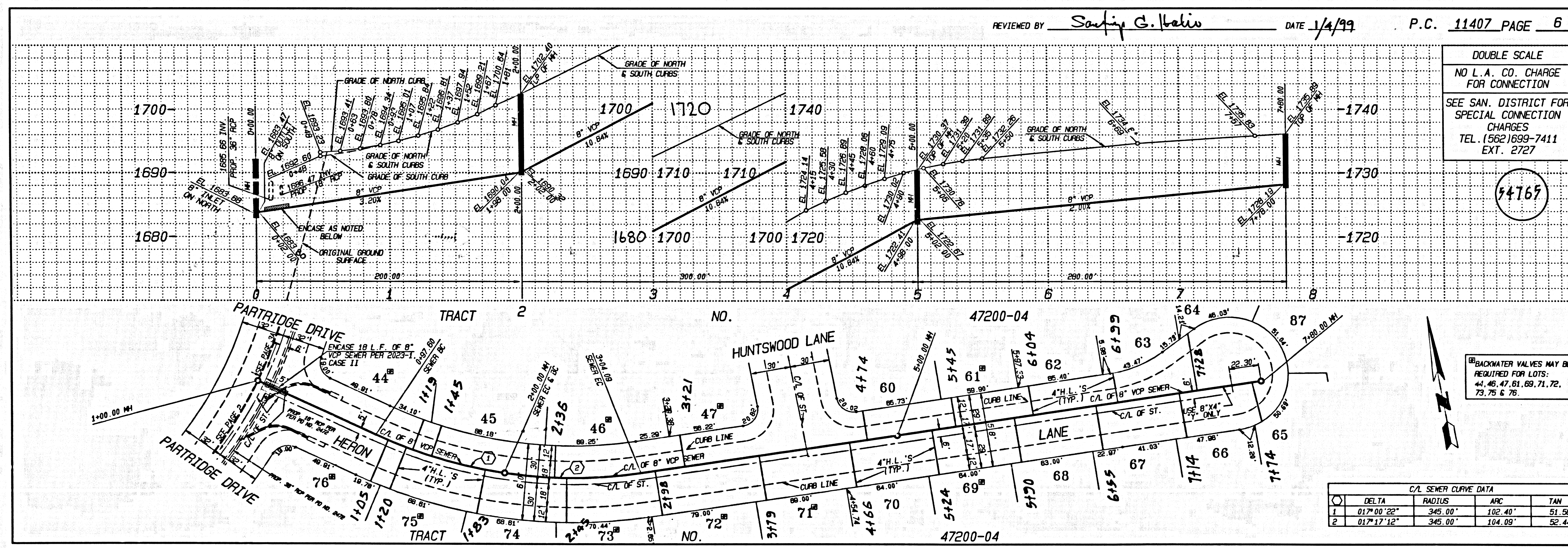
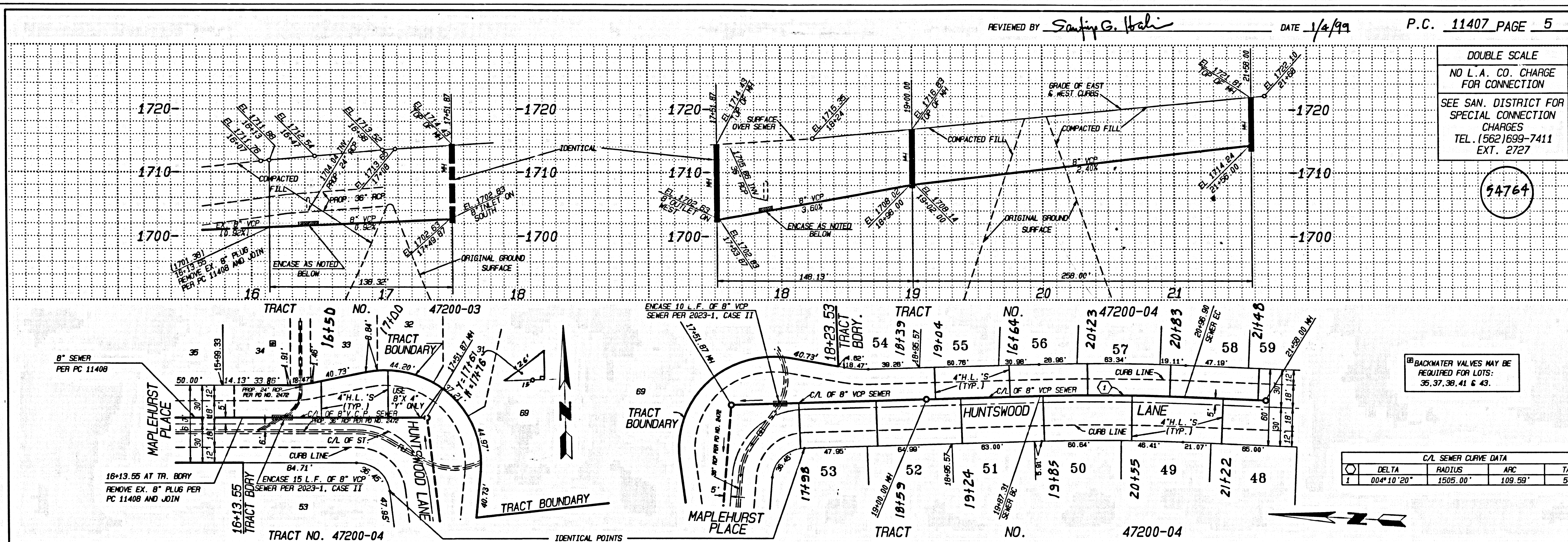
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