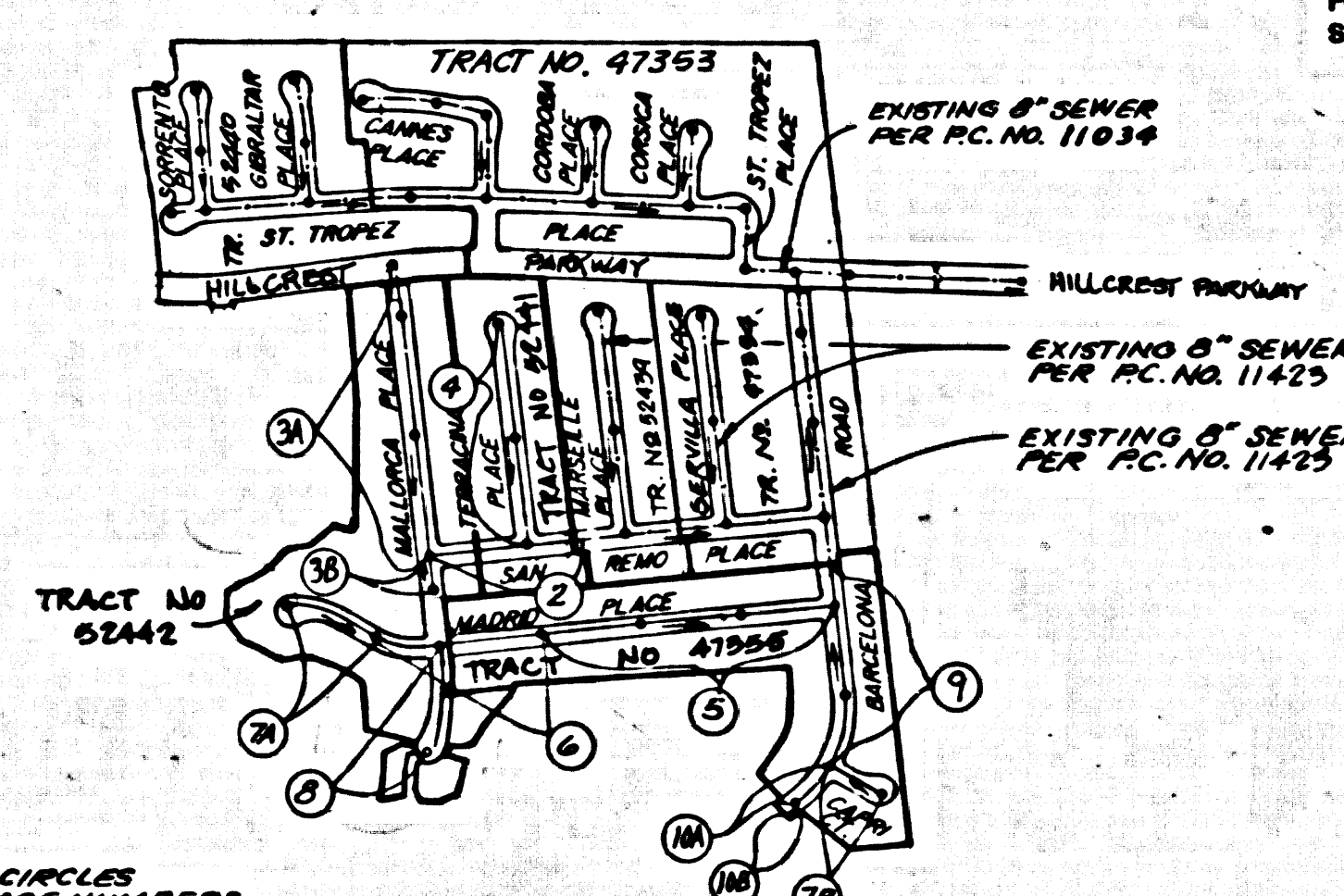


B.M. CL 4578 ELEV 1385.780
 ROOM TAG IN SELV COR CONC
 BASE FIRE HYDRANT 17 FT ELY
 CL SLOAN CANYON RD 0.45 ML
 NLY HASLEY CANYON RD
 NEWHALL QUAD. 19.83

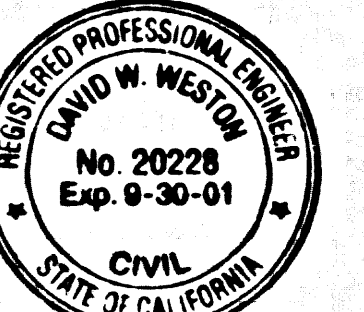


INDEX MAP
 TRACT NO. 47355, 52441, 52442
 P.C. NO. 11430
 I.G. 4459-H3
 SCALE 1" = 600'

NOTE: ISSUE NO H.L. PERMITS UNDER
 OUTLET NO. 11423 IS ACCEPTED
 FOR PUBLIC USE BY LOS ANGELES
 COUNTY.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPE 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 THE 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 1-800-482-4133 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.



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

DOUBLE SCALE

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 (805) 256-4643 SO THAT REQUIRED INSPECTIONS CAN BE MADE.

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

1. Erosion sediments and other pollutants must be retained on site and may not be transported from the site via street flow, water, wind, natural drainage channels, or water.
2. Sediments of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
3. Fuels, oils, solvents, and other toxic materials must be stored in accordance with their labels and are 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 treated into the drainage system.
4. Cans or metal containers may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can be disposed of as solid waste.
5. Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater runoff and disposed by law.
6. Sediments and other materials may not be treated from the site by vehicle traffic. The construction entrance roadway must be stabilized as to inhibit 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.
7. Any slopes with disturbed soils or denuded of vegetation must be stabilized as to inhibit erosion by wind and water.

- ESC01 - SEEDING AND PLANTING
- ESC01 - MULCHING
- ESC20 - GEOTEXTILES AND MATS
- ESC21 - SOFT CONTROLS
- ESC22 - TEMPORARY STREAM CROSSING
- ESC23 - CONSTRUCTION ROAD STABILIZATION
- ESC24 - STABILIZED CONSTRUCTION ENTRANCE
- ESC25 - STORM DRAIN INLET PROTECTION

PRIVATE CONTRACT SEWER GENERAL NOTES

1. A sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the Department of Public Works of the Permit Counter, 800 South Fremont Avenue, 8th Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as Road Excavation, Caltrans, etc., must be filed with the permit application.
2. Prior to issuance of 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 Worker's Compensation Insurance with the Department of Public Works named as the Certificate Holder to be notified 30 days prior to work to be done in a State Highway easement must be obtained from the State of California Division of Highways, 120 South Spring Street, Los Angeles, California.
3. When work is 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.
4. The contractor shall contact the district office listed on the "Application for Construction Permit" to arrange for an acceptable construction start date.
5. 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 pipes or structures within the limits of this project. This note applies to all pages.
6. All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction, Including Amendments and the latest Special Provisions for the Construction of Sanitary Sewers and shall be procured only in the presence of the Department of Public Works.
7. The contractor's attention is directed to Section 7-10.4.1 of the Standard Specifications for Public Works Construction in regard to safety orders and shall conform to the "Minimum Public Safety Requirements" as shown on Los Angeles Department of Public Works' Standard S-2.
8. Elevation are in feet above U.S.C. & G.S. sea level datum of 1929.
9. No relations shall be made to these plans without the approval of the Director of Public Works.
10. No representative of the Department of Public Works will survey or lay out any portion of the work.
11. 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 ditches, are shown by circles on profiles at points between designated points. The grade shall be established as to conform to a straight line drawn between said designated points.
12. The private engineer shall furnish the Department of Public Works with grade sheets and stationing for all house laterals and shall provide stationing for them at their proper locations with stationing clearly marked. All house laterals shall be constructed in a straight alignment at right angles to the main sewer except as shown on plans. House laterals from terraces shall not have an angle of less than 45 degrees with the S.L. Any change in alignment shall be requested in writing by the private engineer.
13. 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.

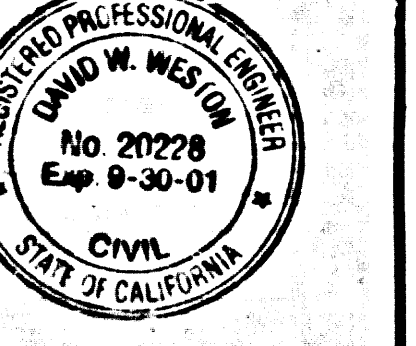
CONSTRUCTION NOTES

1. Provide survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
2. Manhole day pipe joints shall be type "T" or "P" per standard specifications section 208-2.
3. If a manhole is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case II, two feet on each side from the point of interference.
4. If joints between cast iron pipe and vitrified clay shall be made with a rubber sleeve joint, type "T" (with bushing if necessary) per standard specifications section 208-2.
5. House laterals to be constructed with hangers at the property line 8 feet below curb grade except as noted.
6. Pipe or tee branches may be used for connections to the mainline sewer except as noted.
7. If during the course of construction, it is determined that there is less than four feet of cover over the top of a manhole or house lateral V.C.P. sewer which is not indicated on the plans, the pipe shall be encased per standard plan S-23, case II, unless otherwise approved by the Director of Public Works.
8. All structures shall be other brick sewer manholes per standard plan S-3 or precast concrete sewer manholes per standard plan S-24, or reinforced precast concrete manhole per standard plan S-6, except as noted.
9. Manholes of less than 48 inches shall be constructed in accordance with the standards of the California State Highway Department in accordance with the permits.
10. Full compliance with section 306-1.3.4 of the standard specifications will be required for backfill in street certification of backfill construction. The backfill shall be certified by a qualified civil engineer shall be provided prior to the issuance of a certificate of partial completion.
11. All backfill outside of the street right of way shall be compacted to 80% of the maximum density as determined by ASTM and approved test D 1557-63 method 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 the commencement of the work by the owner.
12. Manhole tops to be untopped rights of way to be at least above finished grade.
13. Sewers to be laid for loadings per section 306-1.7.4 of the standard specifications and special provisions.

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS
 -TO BE CONSTRUCTED IN-

TRACT NO. 47355, 52441, 52442 PC NO. 11430
 INDEX: 1176 5 SHEETS: 10 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA

PLANS PREPARED BY:
LAND TECH ENGINEERING
 7549 WOODLEY AVE. SUITE E20
 VAN NUYS, CA 91406
 (818) 375-5057 FAX (818) 375-5061
 DAVID W. WESTON DATE: 6/13/99
 R.C.E. 20228



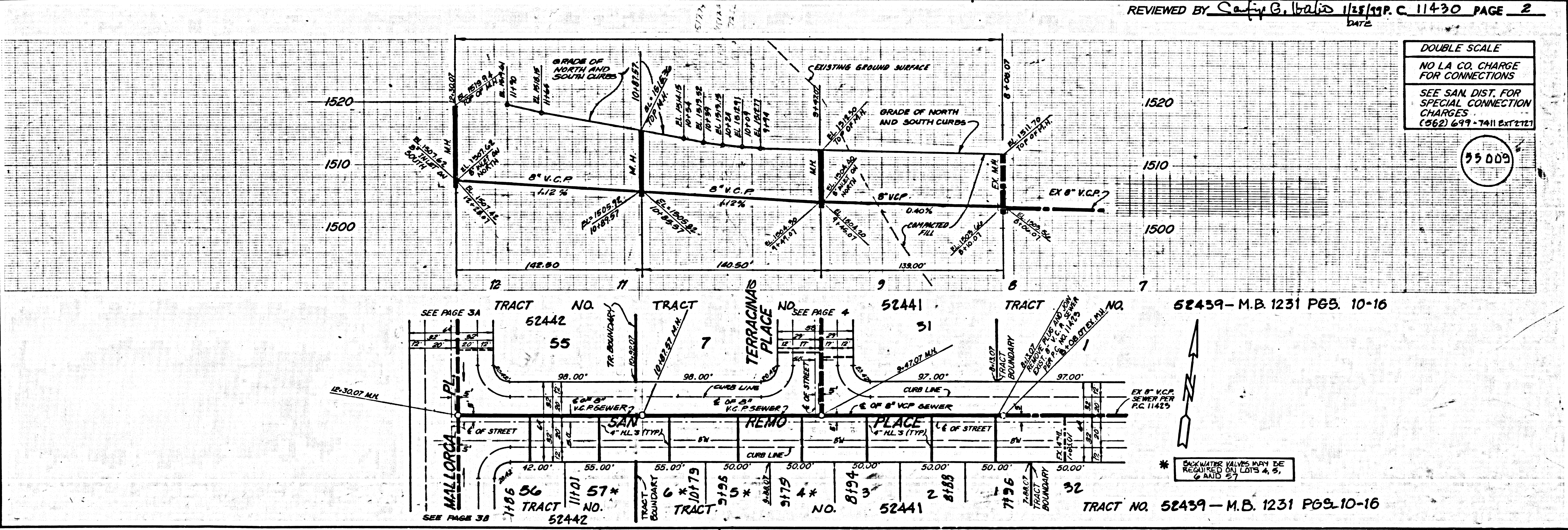
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE FOLLOWING DEPARTMENT SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

- LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
- 2000-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
 - S-1 MINIMUM PUBLIC SAFETY REQUIREMENTS
 - 2021-0 BECOMING FOR SEWER PIPE
 - 2022-0 V.C.P. ON THE SUPPORT
 - 2027-0 ALLOWABLE TRENCH WIDTHS
 - 2100-0 REQUIREMENTS FOR SANITARY SEWER IN THE VICINITY OF PRESSURE WATER MAINS
- AMERICAN PUBLIC WORKS ASSOCIATION
- APWA 200-0 PRECAST SEWER MANHOLE
 - APWA 203-0 BRICK MANHOLE
 - APWA 208-0 BREAKING INTO EXISTING MANHOLE
 - APWA 210-2 LOCKING MANHOLE FRAME AND COVER
 - APWA 212-0 CHIMNEY PIPE AND BASE
 - APWA 222-0 HOUSE CONNECTION SEWER
 - APWA 223-0 HOUSE CONNECTION REMOVING
 - APWA 225-1 BLANKET PROTECTION FOR PIPE

COUNTY OF LOS ANGELES, CALIFORNIA
HARRY W. STONE
 DIRECTOR OF PUBLIC WORKS

APPROVED: *David W. Weston* 1-25-99 (DATE)
 APPROVED: *Subodh S. Vajda* (DATE)
 CHECKED: *Phil D...* 1-25-99 (DATE)
 REG. C.E. NO. 45641

REVIEWED BY *Cathy G. Balis* 1/15/99 P.C. 11430 PAGE 2
 bwtz



DOUBLE SCALE
 NO L.A. CO. CHARGE
 FOR CONNECTIONS
 SEE SAN. DIST. FOR
 SPECIAL CONNECTION
 CHARGES
 (562) 699-7411 Ext 2121

* EXISTING WATER MAINS MAY BE RELOCATED ON LOTS 4, 5, & 6 AND 27

844-3922

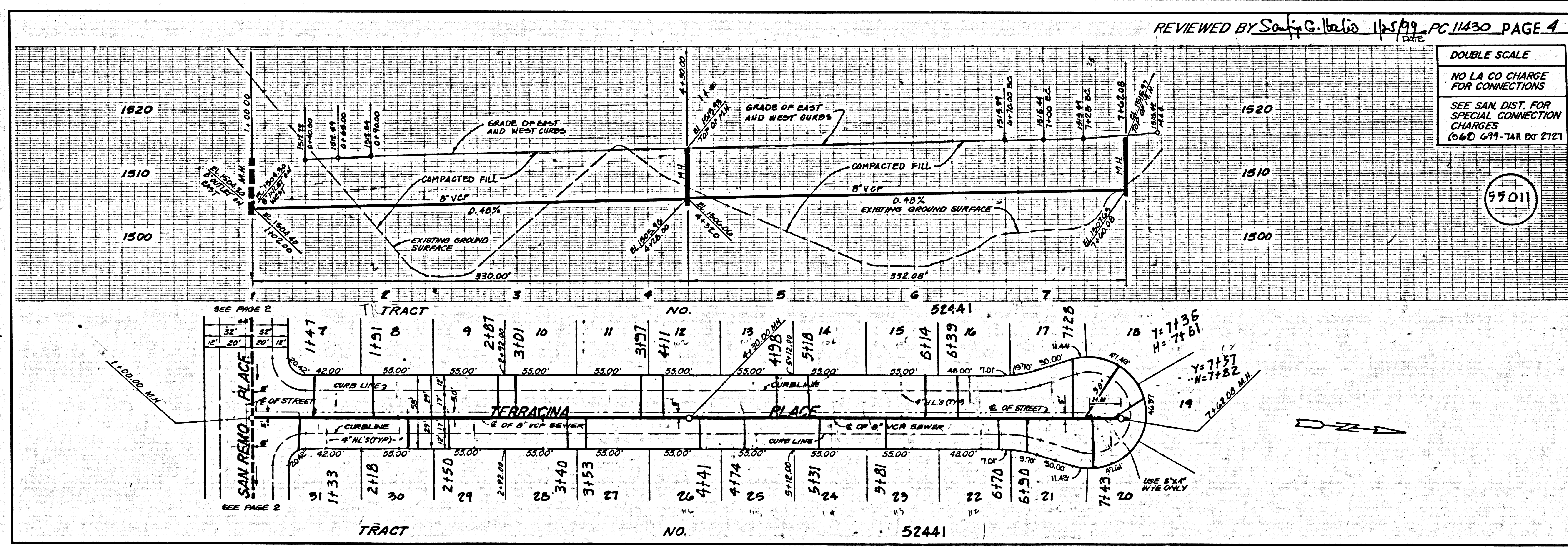
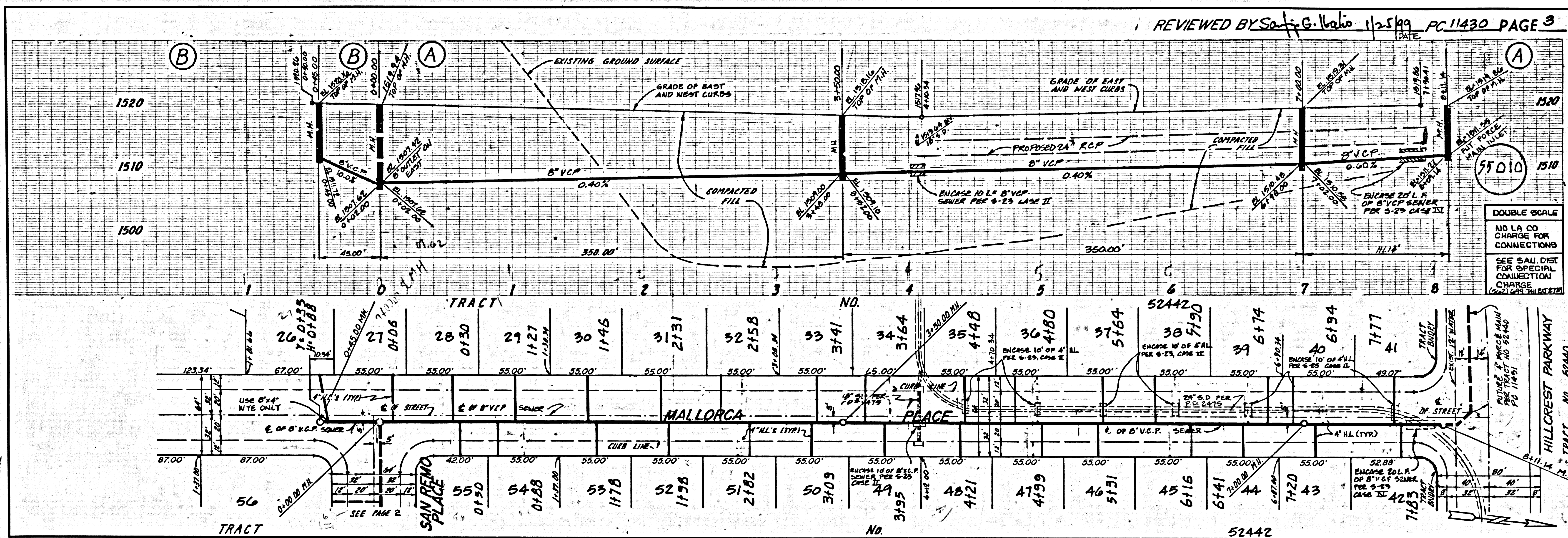
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02411 BC

55009

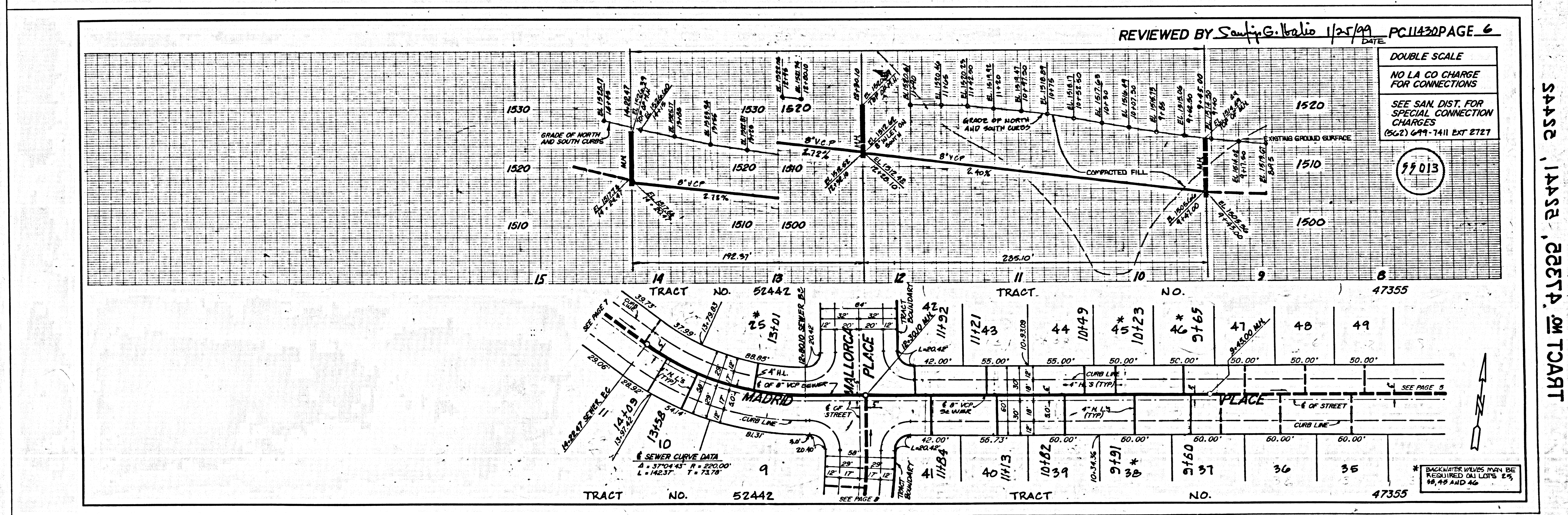
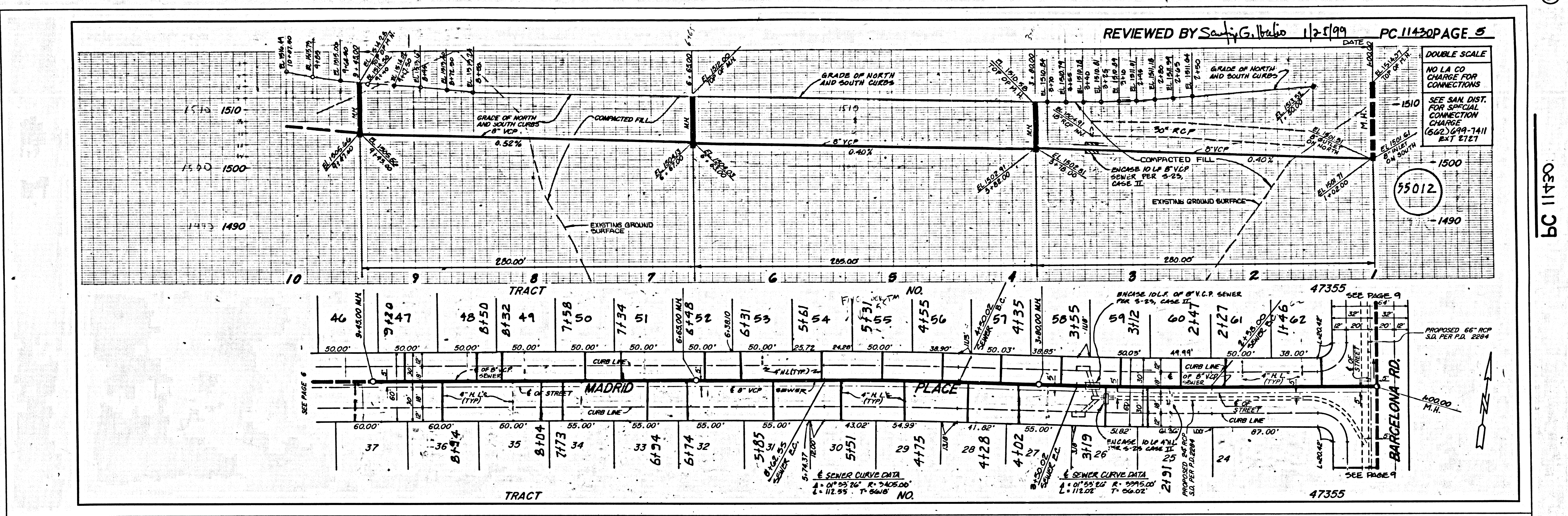
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54452, 14452, 22574, 2M TRACT



BC 111 39

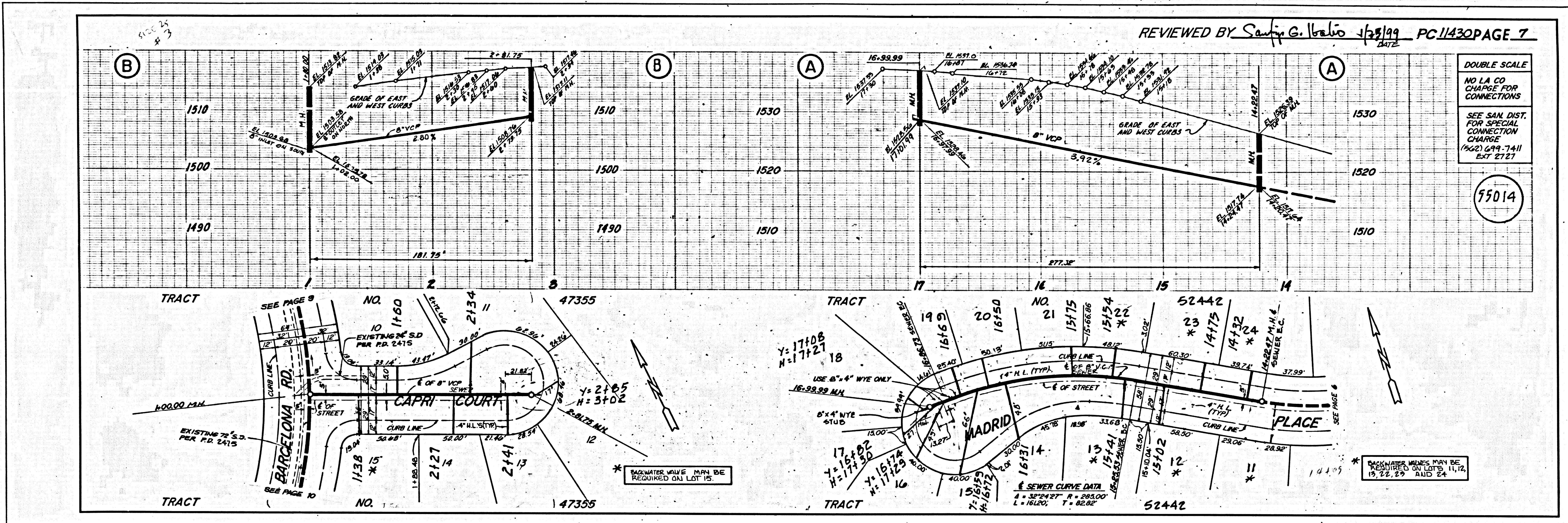
SPASE 14452 28274 9M TRACT



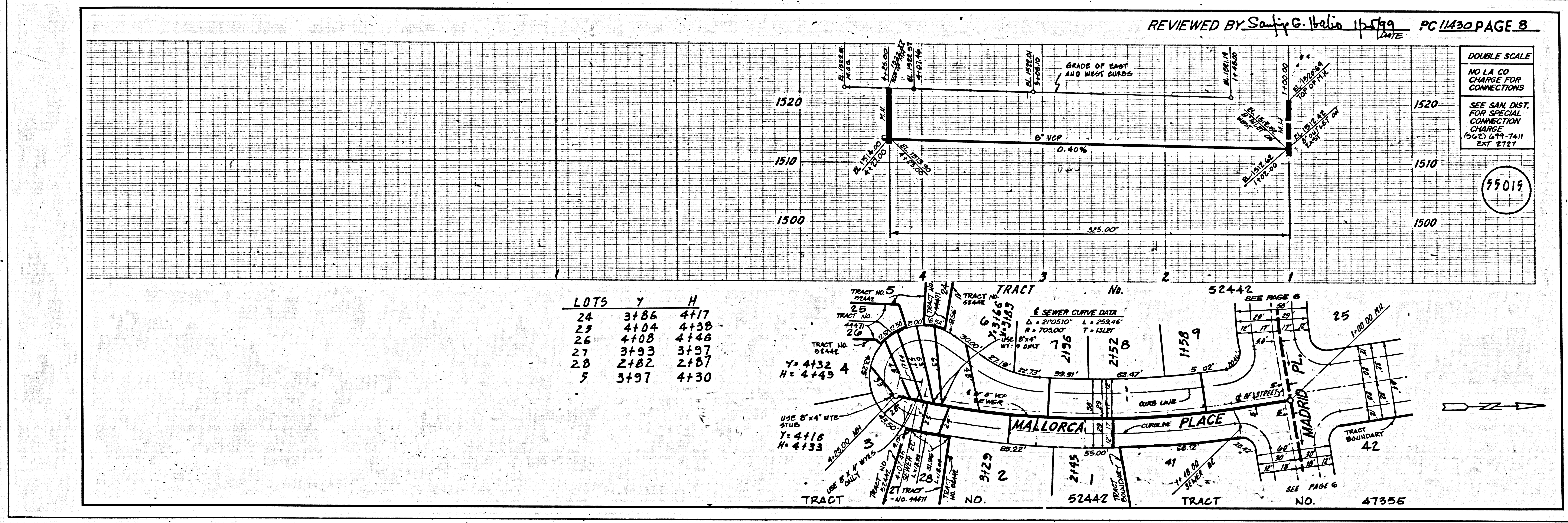
3

05411 09

54452, 14452, 28574, 04 TRACT



4
SCALE 1/4" = 1'-0"



4
SCALE 1/4" = 1'-0" ON TRACT

