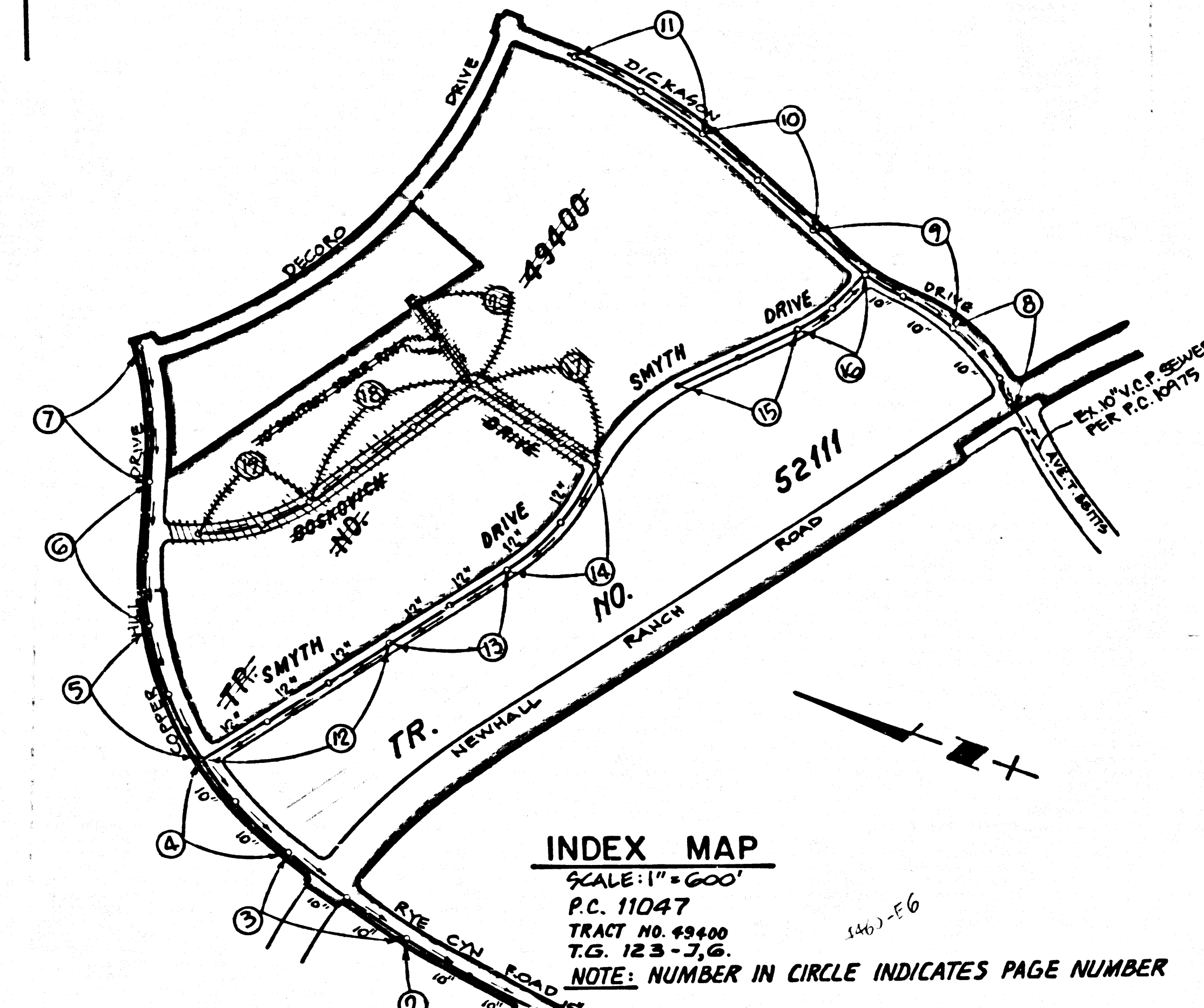


B.M. CL 1947 ELEV. 1057.212
 RD 08M TAG CTR S. END MEDIAN CB. OF
 THE OLD ROAD @ N. SIDE RYE CANYON
 RD NEWHALL QUAD. 19.83

DOUBLE SCALE



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 (805) 266-4683 SO THAT REQUIRED INSPECTION CAN BE MADE.

REVISION NO. 1 DATE: 10-18-93
 PAGE 8: REVISED PROFILE FROM STR. 2+76.17 TO STR. 6+21.94, ADDED 6" H.L. @ STR. 6+00.00.

APPROVED BY: *Sally G. Ibel* 33184
 OFFICE OF THE DIRECTOR OF PUBLIC WORKS R.C.E.

REVISION NO. 2 DATE: 04-17-96
 PAGE 11: REVISED THE TITLE SHEET & THE INDEX MAP.
 PAGE 3 & 4: SHOWED THE BODY OF TR. 52111 & REVISED THE LOT NOS. 8, 9, 10, 11, 12 & 13.

APPROVED BY: *Sally G. Ibel* 5-30-96 33184
 OFFICE OF THE DIRECTOR OF PUBLIC WORKS R.C.E.

REVISION NO. 3 DATE: 4-14-99
 PAGE 13: ADDED THREE H.L.'S AND RELOCATED ONE H.L. ON PAGE 13.

APPROVED BY: *Mason* 44499 58462
 BY: OFFICE OF THE DIRECTOR OF PUBLIC WORKS DATE: R.C.E.

REVISION NO. 4 DATE: 3/19/01
 PAGE 17, 18, 19 AND CD: VOIERS.

APPROVED BY: *Sally G. Ibel* 3/19/01
 BY: OFFICE OF THE DIRECTOR OF PUBLIC WORKS DATE: R.C.E.

- GENERAL NOTES:
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 - 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, CENTER LINE OF STREETS OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES OR PROFILES. ALL POINTS BETWEEN DESIGNATED POINTS TO 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 "Y" OR "T" BRANCHES AND SHALL PROVIDE 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 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 PERMIT 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 CONSTRUCTION DIVISION OF THE COUNTY ENGINEER'S DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 1 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 800 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91805 - 8TH FLOOR, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 - IF WORK IS DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE CALIFORNIA DIVISION OF HIGHWAYS, 110 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 7.18.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY SIGNALS.
 - PRIOR TO THE BEGINSING OF THE REQUIRED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED JULY 3, 1988 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, (818) 488-3128, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AS SHOWN ON THE PLANS SHALL BE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - 4" OR 6" OR 8" BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE 4" MINIMUM BRANCH MANHOLES PER 3" OR 4" PRECAST CONCRETE SEWER MANHOLES PER 3" OR 4" EXCEPT AS NOTED.
 - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 - MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 - VERTICAL CLAY PIPE JOINTS SHALL BE TYPE "D" OR "D" PER STANDARD SPECIFICATIONS SECTION 200-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED. PER 303. CASE II, 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 MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 303. CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" WITH BUSINESS NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-1.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - RESURFACE 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 200-2.2.1 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR LABORATORY IN STREETS. CERTIFIED BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE BEGINSING OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
 - SPECIAL BACKFILL OR SUBGRADE CONSTRUCTION (AS BACKFILL) TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. ALL BACKFILL AND SLOPE REPAIR SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER ASTM METHOD OF TEST D698 (1) AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

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

TRACT MAP NO. ~~49400~~ 52111
 PRIVATE CONTRACT NO. 11247
 INDEX: 1255
 B SHEETS; 16 PAGES

SCALE: HORIZ. 1" = 40' VERT. 1" = 4'
 OCTOBER, 1989

PREPARED IN THE OFFICES OF
 SIKAND ENGINEERING ASSOCIATES
 15230 BURBANK BLVD. (410) 787-8550
 VANUYS, CALIFORNIA 91411
 BY: *Ronald R. Horn*
 REG. C.E. NO. 16937

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:

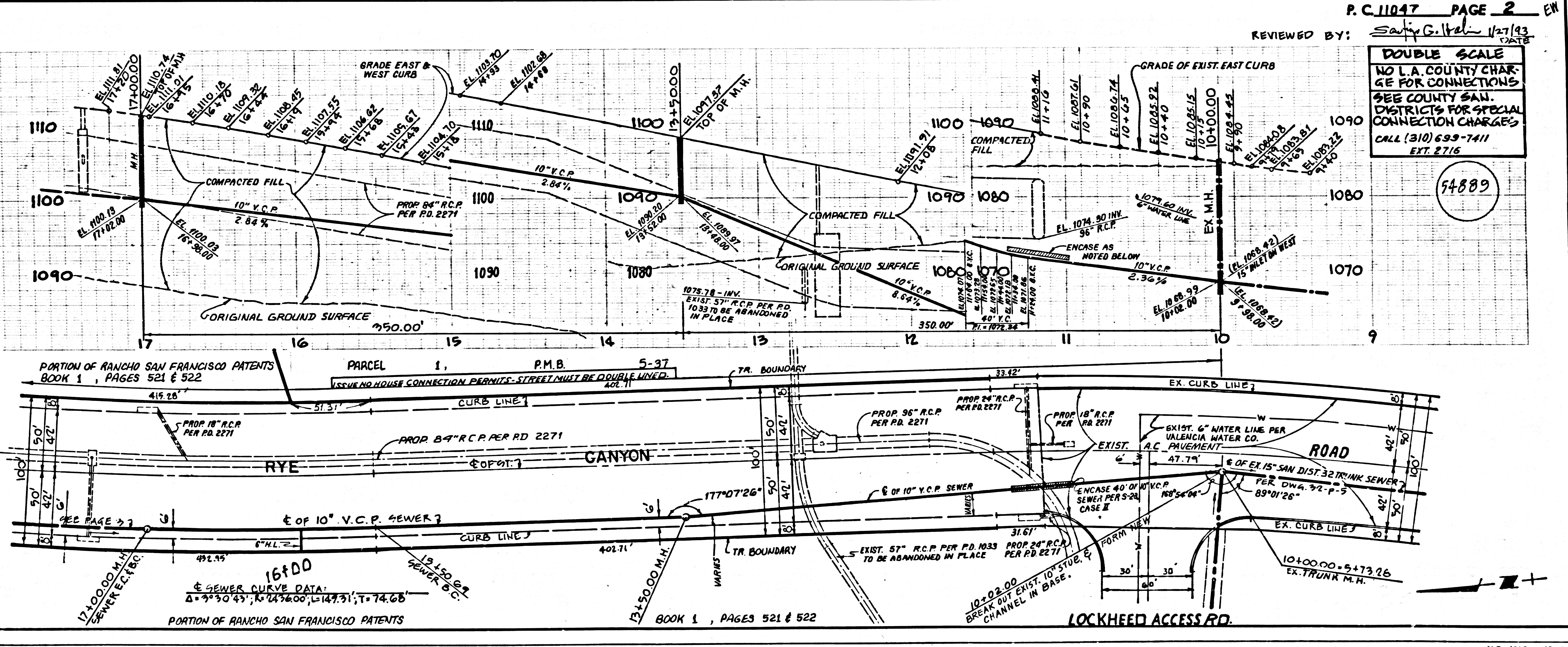
LEGEND	0-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	0-2
BRICK SEWER MANHOLE	0-3
STANDARD MANHOLE STEP	0-7
METHOD FOR SEWER PIPE	0-8
CROWLING AND ENCASEMENT	0-9
WYE OR TEE SUPPORT	0-10
ALLOWABLE TRENCH WIDTHS	0-11
LOCKING MANHOLE FRAME AND COVER	0-12
NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE	0-13
MANHOLE BLOCK	0-14
EROSION PROTECTION IN STEEP SLOPES	0-15
CHIMNEY BLOCK	0-16
SPECIAL HOUSE LATERALS	0-17

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER
 CO. SAN DIST. NO. 32

APPROVED BY: *Sally G. Ibel* 2-1-95 (DATE)
 CHECKED BY: *Thomas Tideman* 2/1/95 (DATE)
 RES. C.E. NO. 20279 (DATE)

SANTA CLARITA VALLEY BLDG. DIST. B.2

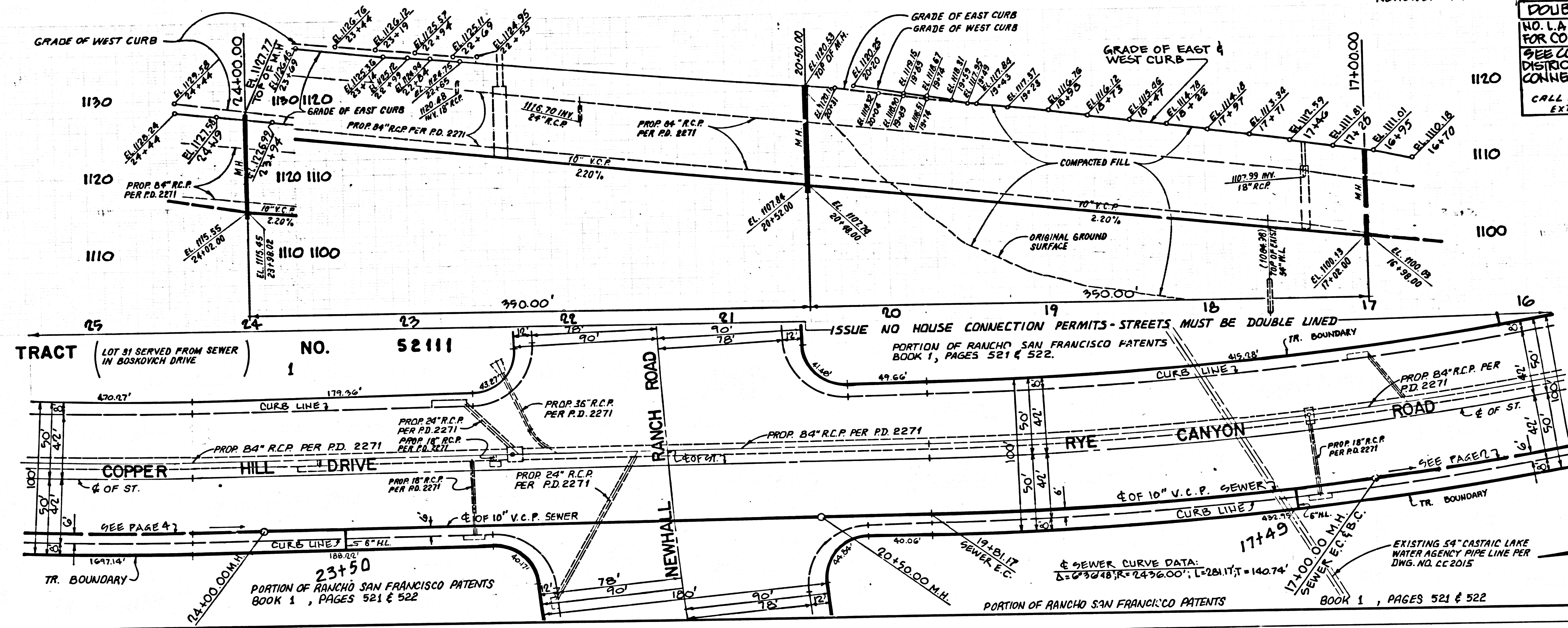
TRAIL 09
 1152 B-0089A-RT



P.C. 11047 PAGE 2
 REVIEWED BY: *Sally G. Ibel* 11/27/93
 DATE: 11/27/93

DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES
 CALL (310) 639-7411
 EXT. 2716

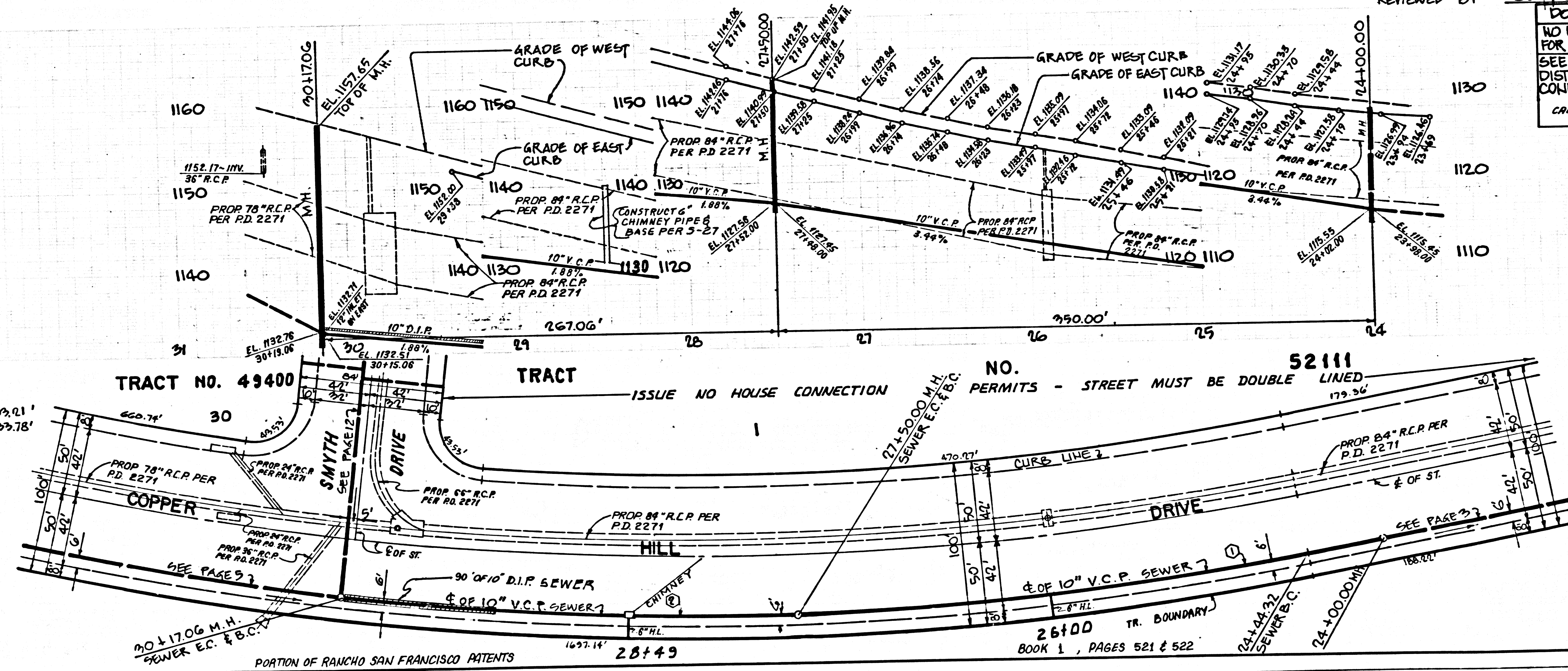
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PC 11047 PAGE 3
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 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES
 CALL (310) 699-7411 EXT. 2716

54890

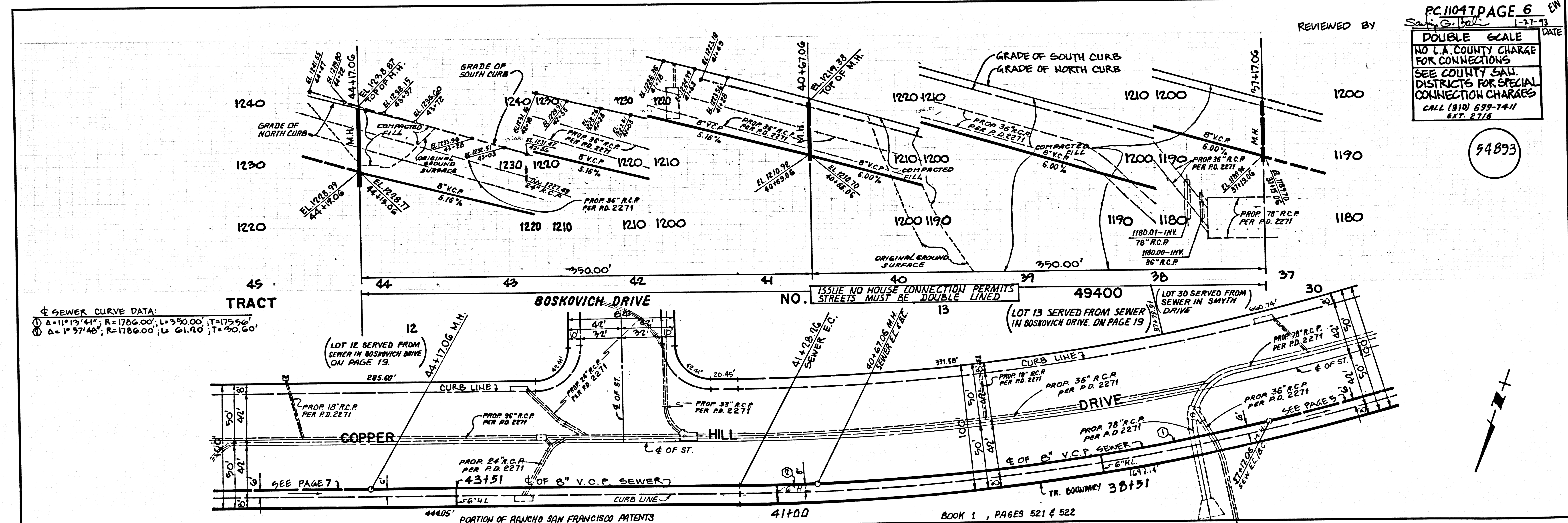
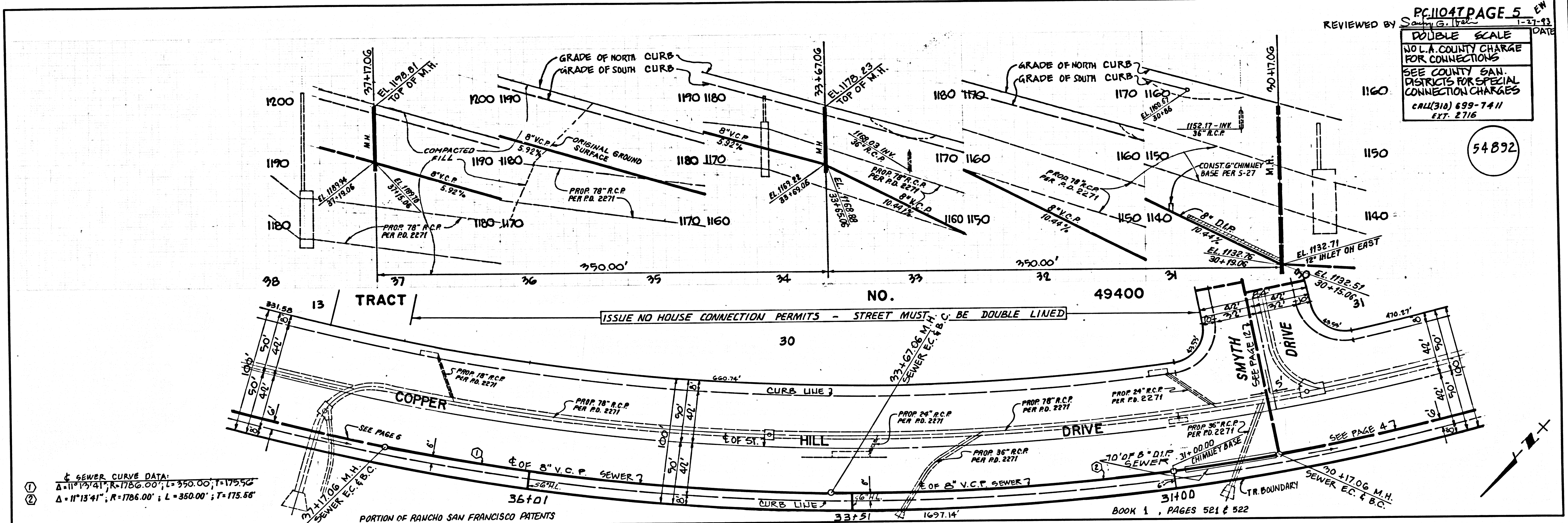
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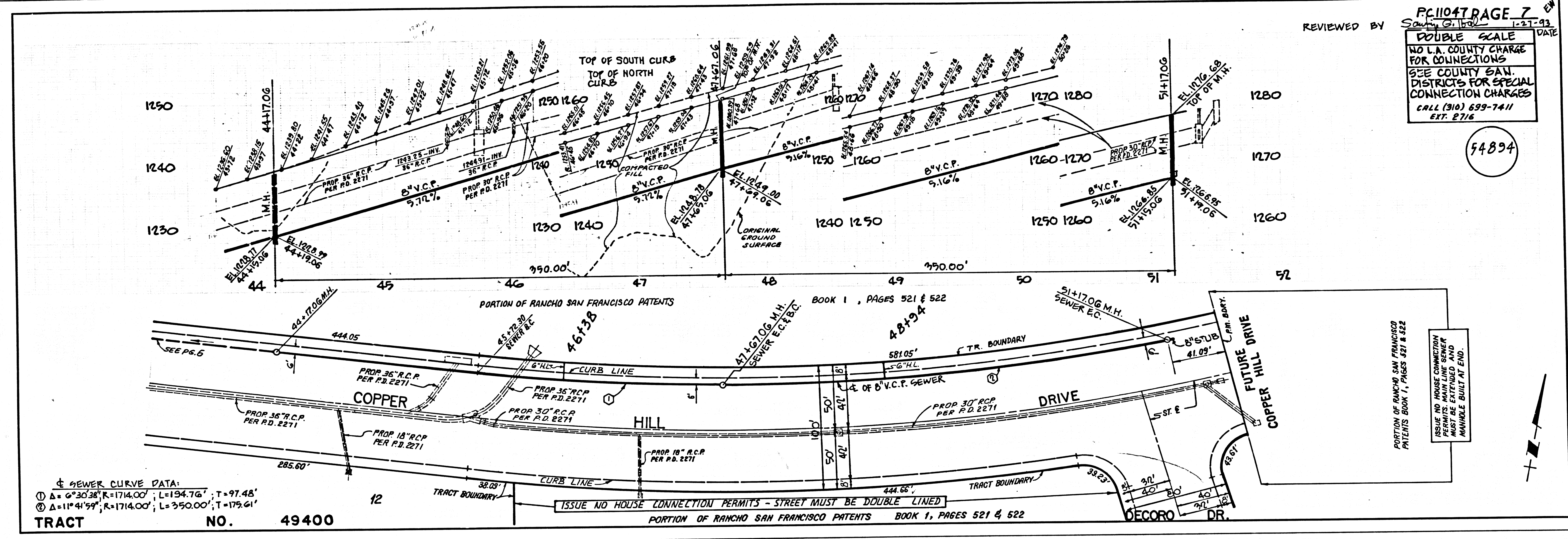
PC 11047 PAGE 4
 DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES
 CALL (310) 699-7411 EXT. 2716

54891

SEWER CURVE DATA:
 ① Δ = 9°48'33"; R = 1786.00'; L = 909.68'; T = 193.21'
 ② Δ = 0°04'00"; R = 1786.00'; L = 267.06'; T = 193.78'



③ TADII 09 1152 3006P .RT



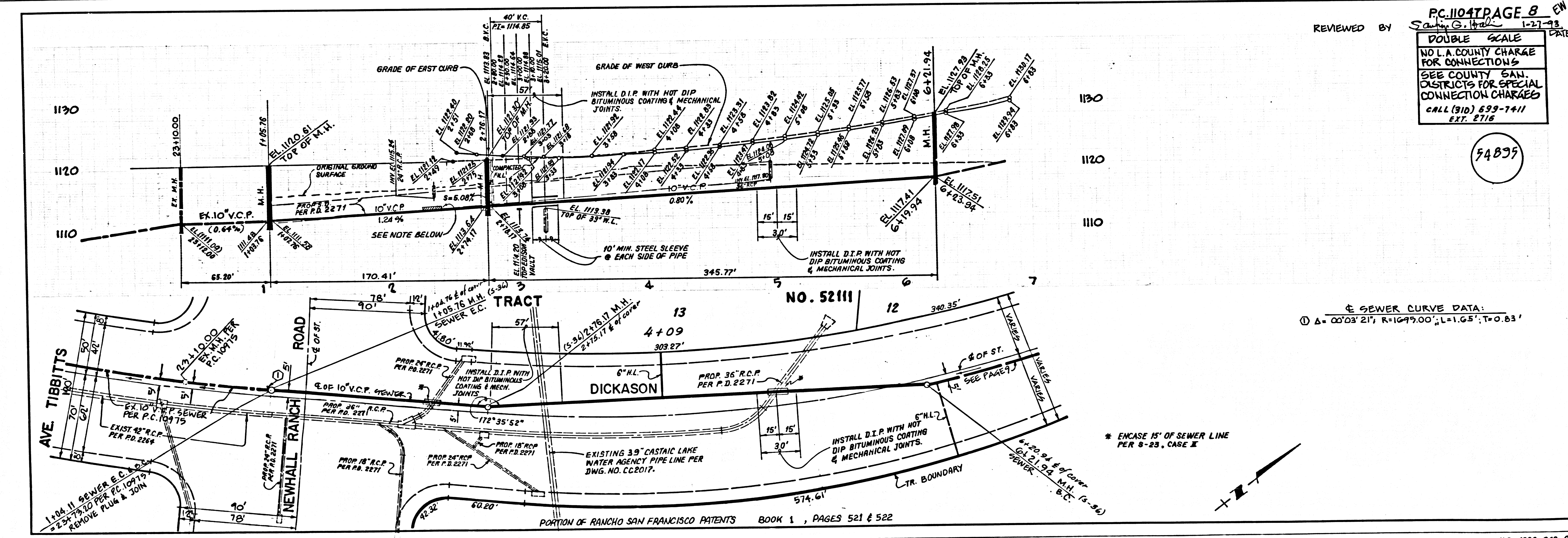
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 ② Δ = 11°41'59", R = 1714.00', L = 350.00', T = 179.61'

TRACT NO. 49400

REVIEWED BY Sandy G. Hall DATE 1-27-93
 PC 11047 PAGE 7
 DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES
 CALL (910) 699-7411 EXT. 2716

54894

74011.09 MISS ROOPER, RT

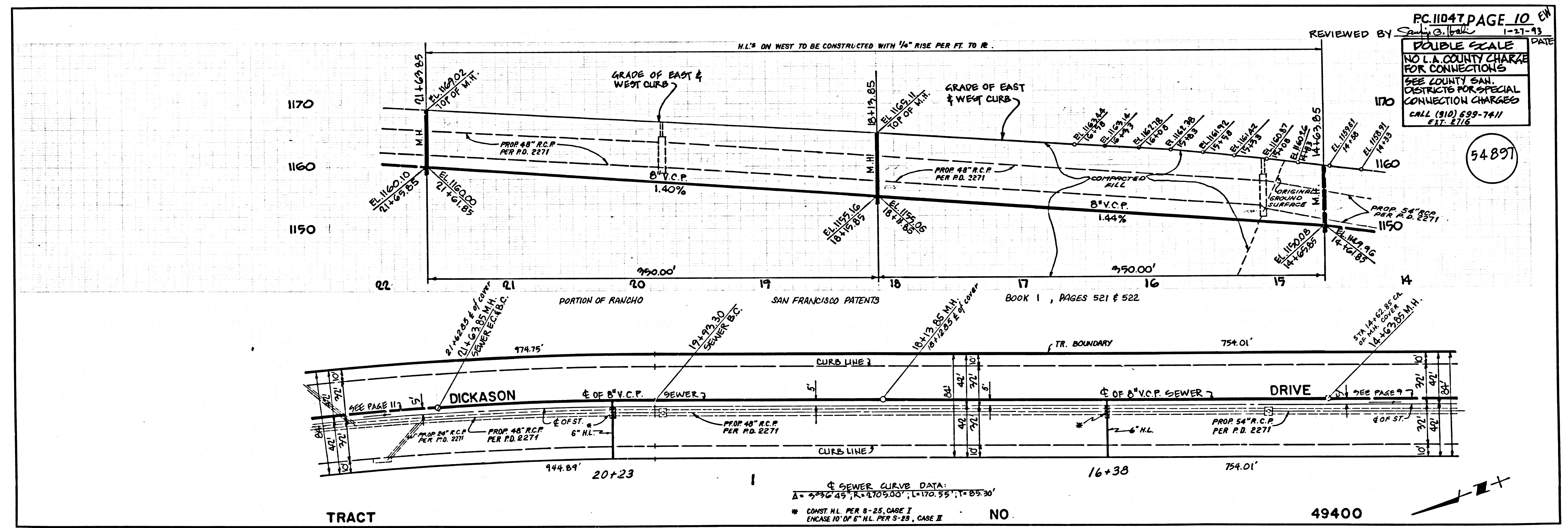
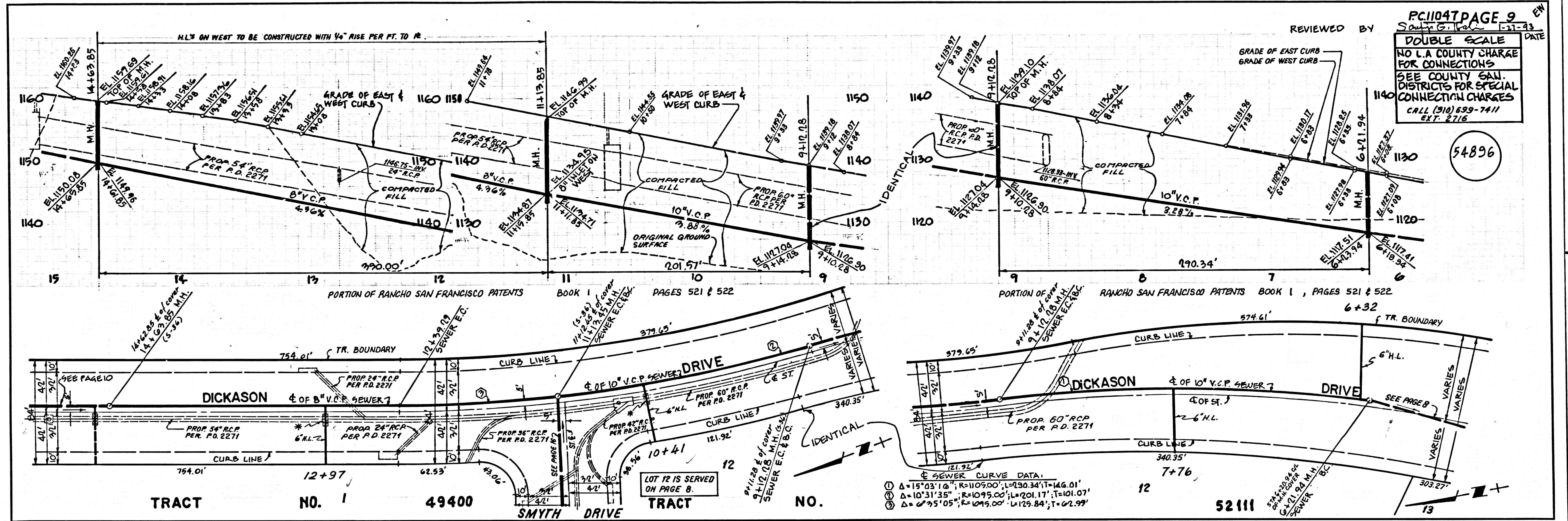


REVIEWED BY Sandy G. Hall DATE 1-27-93
 PC 11047 PAGE 8
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 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES
 CALL (910) 699-7411 EXT. 2716

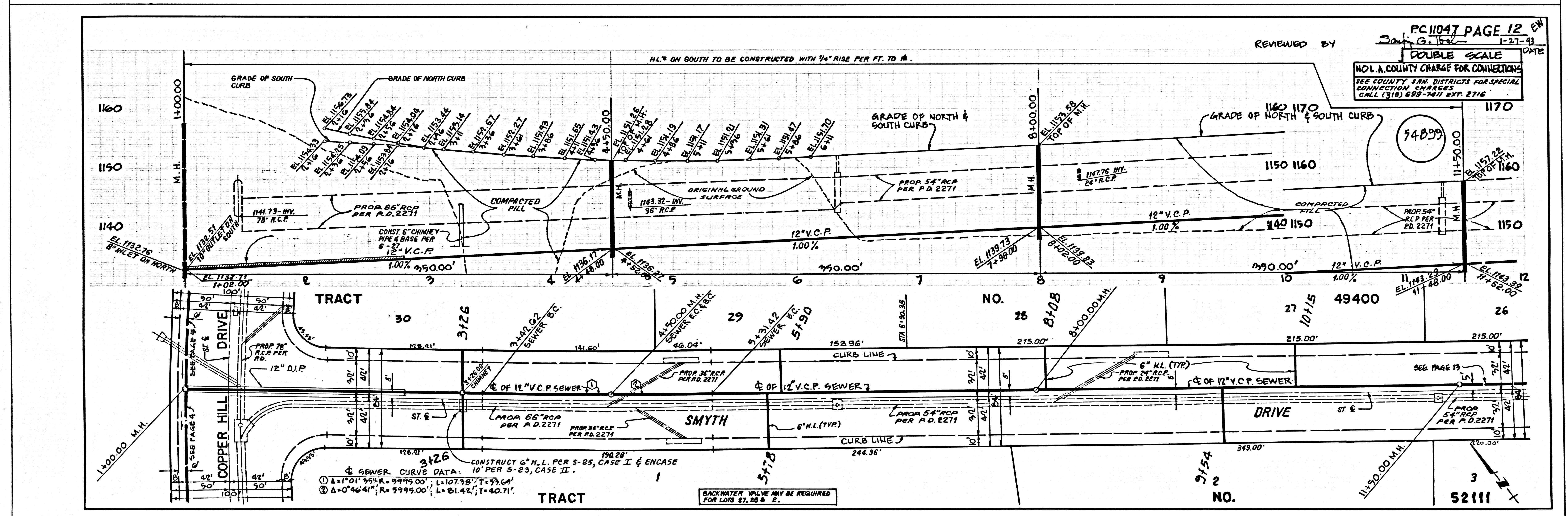
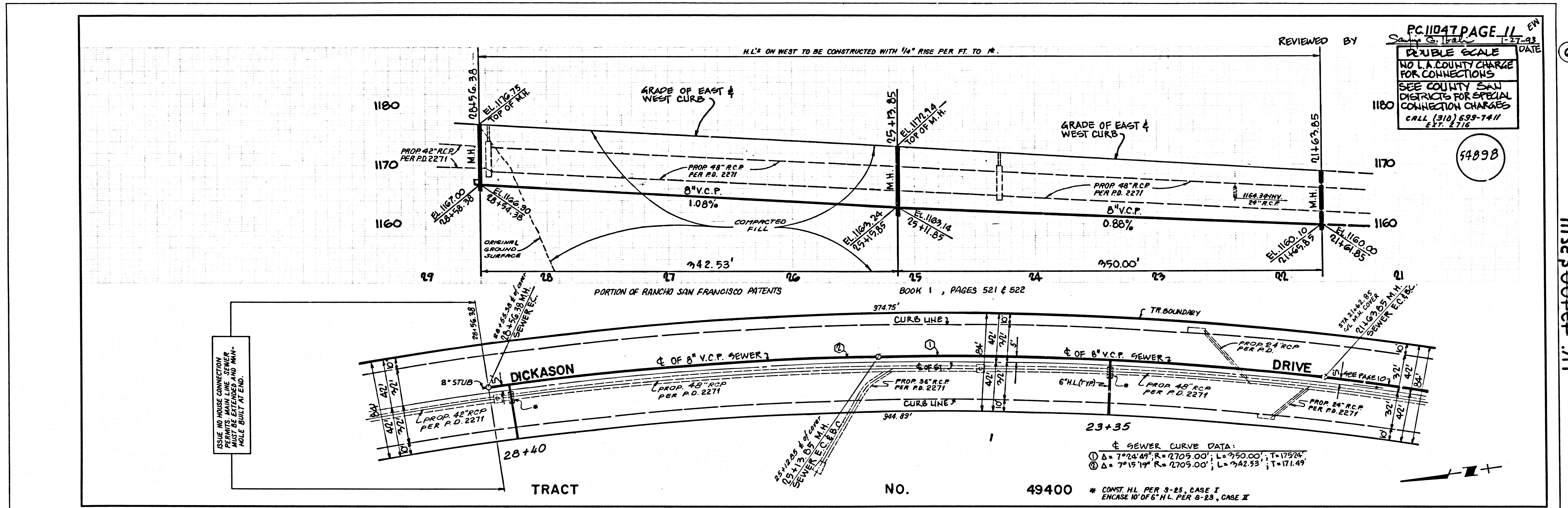
54895

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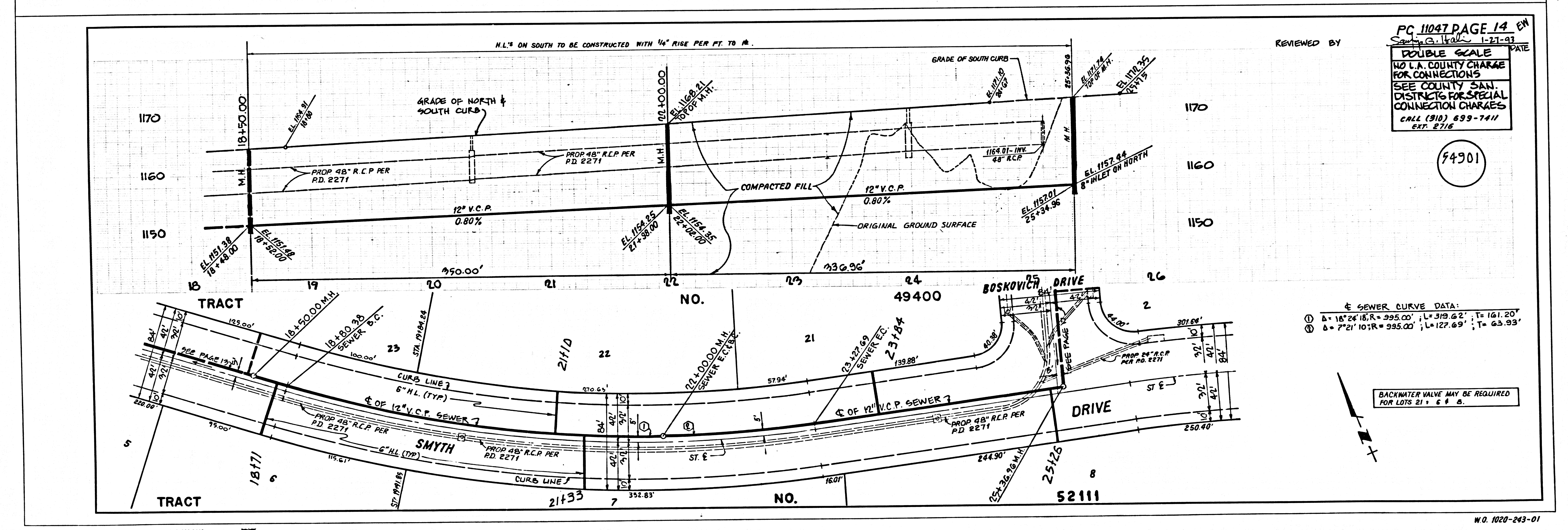
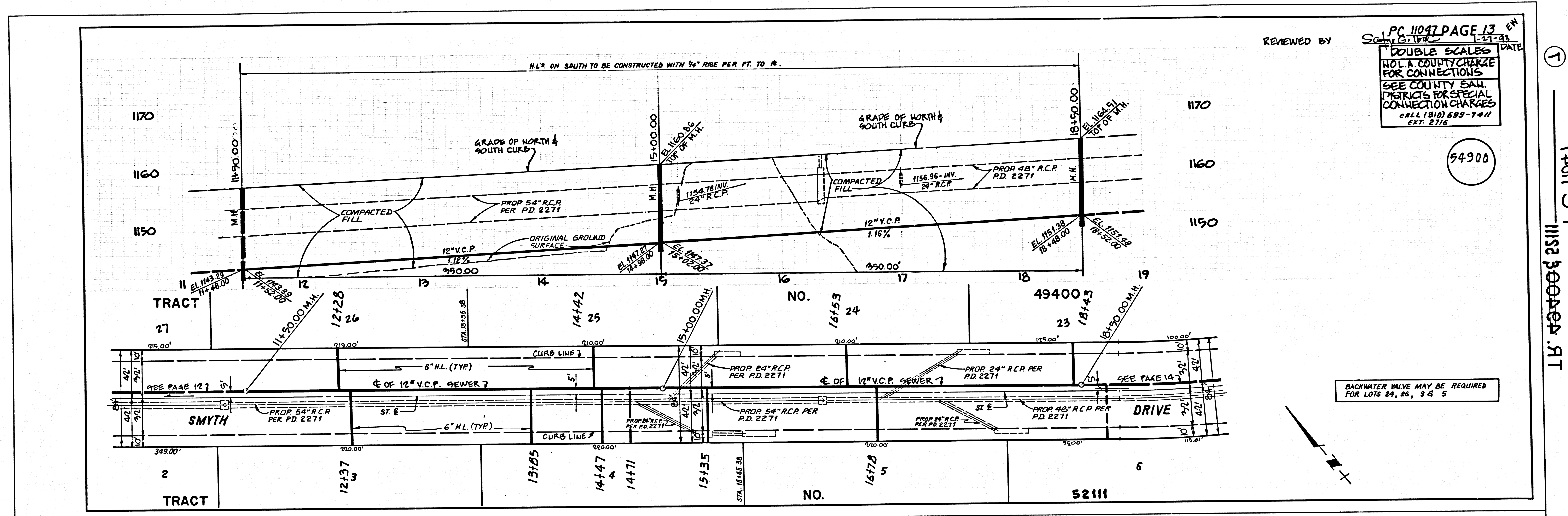
* ENCASE 15' OF SEWER LINE PER 8-23, CASE II



7401129
 MISS JOOPEP .PT



PC11047
 MISC 3000049 .BT

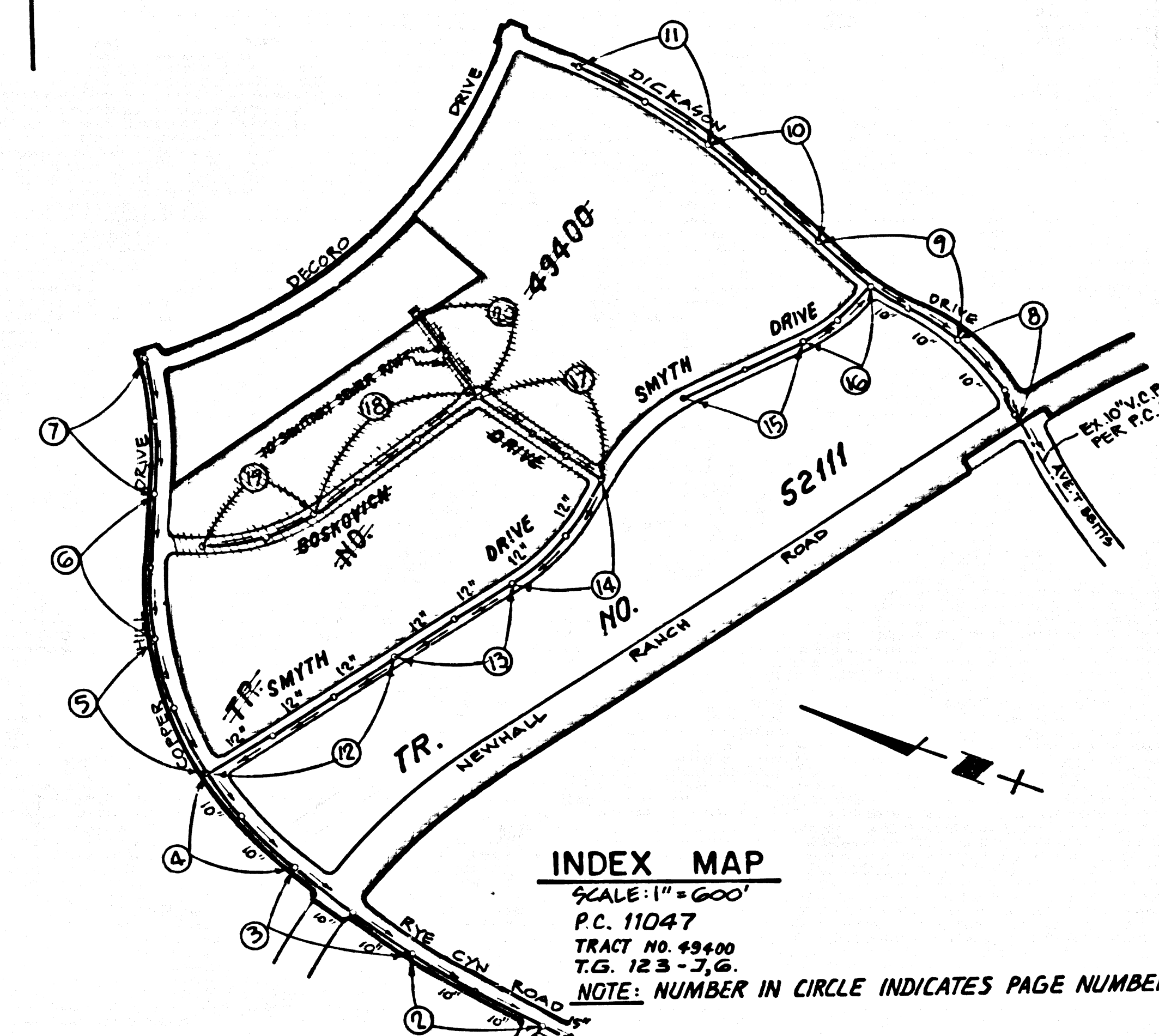


B.M. CL 1947 ELEV. 1057.212
 RDBM TAG CTR S. END MEDIAN CB. OF
 THE OLD ROAD @ N. SIDE RYE CANYON
 RD NEWHALL QUAD. 1983

DOUBLE SCALE

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 STREET AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (805) 266-4683 SO THAT REQUIRED INSPECTION CAN BE MADE.



REVISION NO. 1 DATE: 10-18-93
 PAGE 8: REVISED PROFILE FROM STR. 2+76.17 TO STR. 6+21.94, ADDED 6" H.L. @ STA. 6+00.00.

PAGE 10: ADDED 6" H.L. @ STR. 16+38.00 & DELETED 6" H.L. @ STR. 14+75.00.

APPROVED BY: *Sally G. Itel* DATE: 3/13/94
 OFFICE OF THE DIRECTOR OF PUBLIC WORKS R.C.E.

REVISION NO. 2 DATE: 04-17-96
 PAGE 1: REVISED THE TITLE SHEET & THE INDEX MAP.
 PAGE 3 & 4: SHOWED THE BARY OF TR. 52111 & REVISED THE LOT NOS. 8, 9, 10, 11 & 12.

APPROVED BY: *Sally G. Itel* DATE: 5-30-96 33134
 OFFICE OF THE DIRECTOR OF PUBLIC WORKS R.C.E.

REVISION NO. 3 DATE: 4-14-99
 PAGE 13: ADDED THREE N.L.'S AND RELOCATED ONE H.L. ON PAGE 13.

APPROVED BY: *M. J. ...* DATE: 4/14/99 58462
 BY: OFFICE OF THE DIRECTOR OF PUBLIC WORKS R.C.E.

REVISION NO. 4
 PAGE 1: REVISED INDEX MAP.
 PAGE 17, 18, 19 AND 20: VOIDED.

APPROVED BY: *Sally G. Itel* DATE: 3/19/01
 BY: OFFICE OF THE DIRECTOR OF PUBLIC WORKS R.C.E.

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- 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 TOY CURVES CENTERLINE OF STREETS OR CENTERLINE OF ALLEYS ARE SHOWN BY CURVES OR 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 1" OR 1 1/2" BRANCHES AND SHALL PROVIDE 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 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 CURVE 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 CONSTRUCTION DIVISION OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE, ROOM 800, 800 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 8TH FLOOR, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 130 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 7.104.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
- PRIOR TO THE BEGAINING OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS. A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 800 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 8TH FLOOR, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND DEPARTMENT OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED JULY 21, 1988, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, (818) 458-3128, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURVE GRADE EXCEPT AS NOTED.
- WYE OR TE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE 6" MIN. AND 8" MAX. MANHOLE PER 8" MIN. PRECAST CONCRETE SEWER MANHOLES PER 8-38, EXCEPT AS NOTED.
- MANHOLE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISH GRADE.
- WITHEDED CLAY PIPE JOINTS SHALL BE TYPE "1" OR "2" PER STANDARD SPECIFICATIONS SECTION 208-2.
- IF A MANHOLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-22, CASE II, 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 MAIN LINE OF HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-22, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEDED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "1" OR "2", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-1.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-1.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE 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 208-1.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A PERMIT FOR ACCEPTANCE.
- SPECIAL BACKFILL IN CASERMENT CONSTRUCTION: IN BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 80% OF MAXIMUM DENSITY PER ASTM D 1557. METHOD OF TEST D8837 AS MODIFIED ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

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

TRACT MAP NO. 49400-4
 52111
 PRIVATE CONTRACT NO. 11047
 INDEX 1255
 8 SHEETS, 16 PAGES

SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 OCTOBER 6, 1989

PREPARED IN THE OFFICES OF
 SIKAND ENGINEERING ASSOCIATES
 15230 BURBANK BLVD. (918) 781-8550
 VAN NUYS, CALIFORNIA 91411
 BY: *Ronald N. Horn*
 REG. C.E. NO. 16932

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	8-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
BRICK SEWER MANHOLE	8-3
STANDARD MANHOLE STEP	8-7
BEDDING FOR SEWER PIPE	8-11
CRADLING AND ENCASEMENT	8-23
WYE OR TE SUPPORT	8-28
ALLOWABLE TRENCH WIDTHS	8-36
LOCKING MANHOLE FRAME AND COVER	8-38
NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE	8-38
BRICKMANHOLE	8-38
EROSION PROTECTION IN STEEP SLOPES	8-37
CHIMNEY BASE	8-27
SPECIAL HOUSE LATERALS	8-25

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 APPROVED: *Thomas Tidemanson* DATE: 2-1-93

CHARLES W. CARRY, CHIEF ENGINEER
 CO. SAN. DIST. NO. 32
 APPROVED: *Charles W. Carry* DATE: 2-1-93

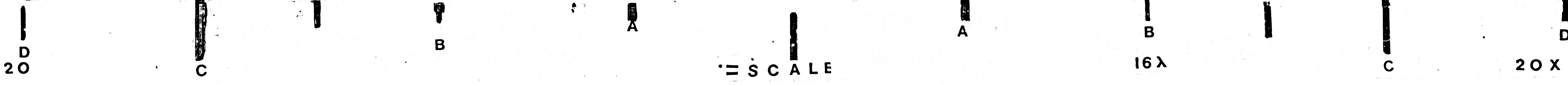
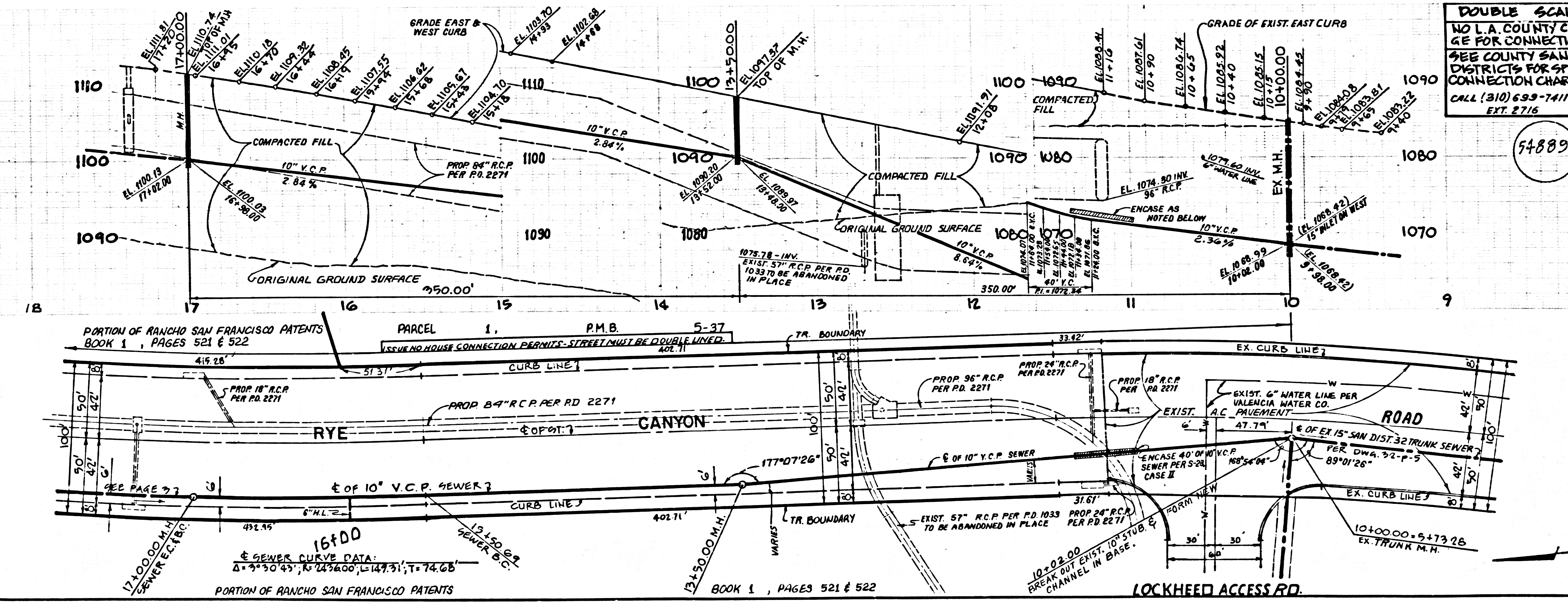
CHECKED: *Thomas Tidemanson* DATE: 2/1/93
 REG. C.E. NO. 20778

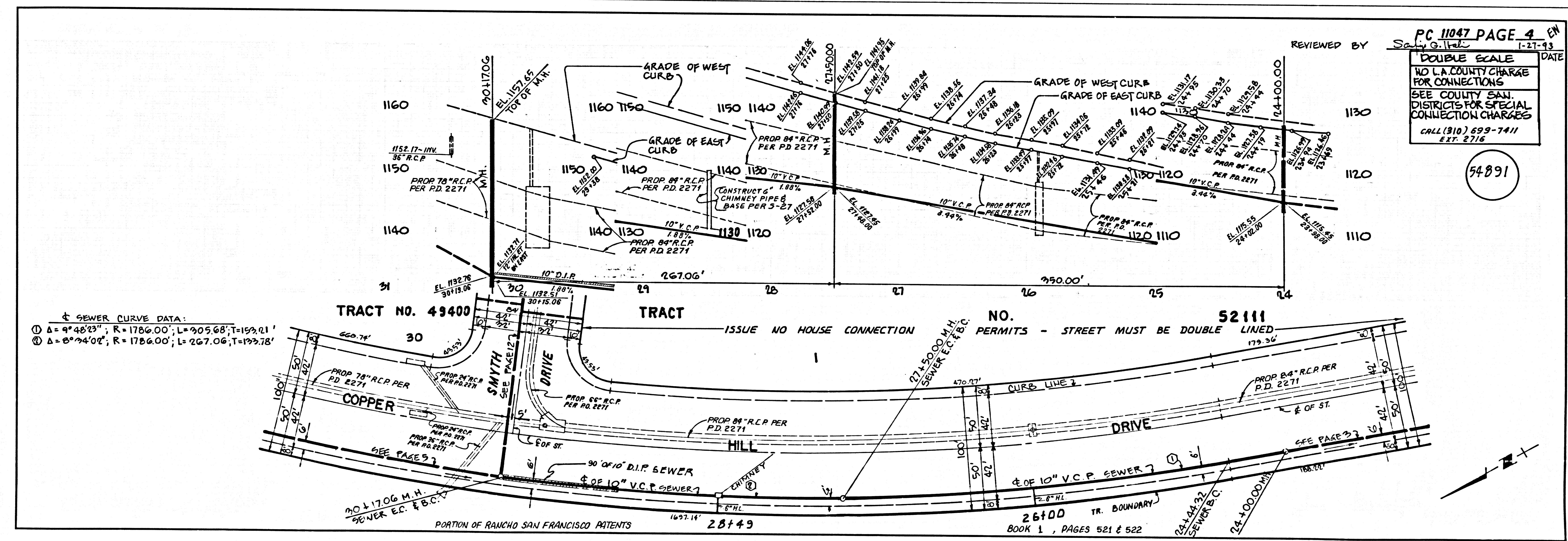
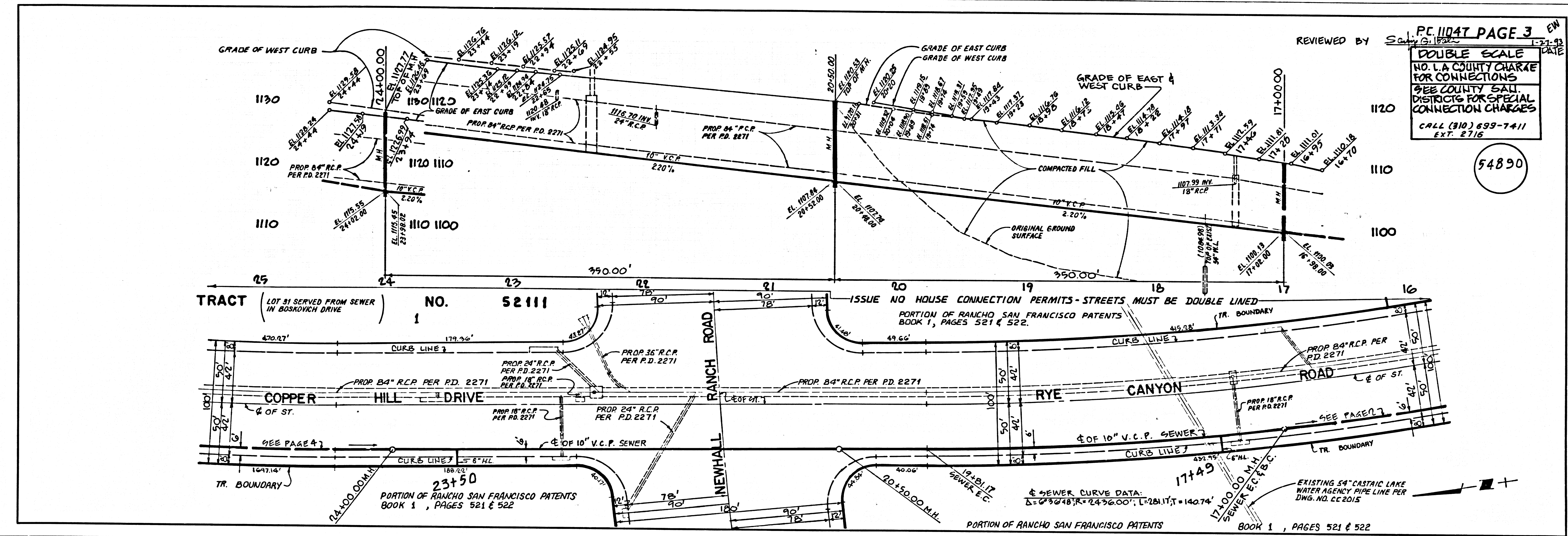
SANTA CLARITA VALLEY BLDG. DIST. 82

P.C. 11047 PAGE 2 EX

REVIEWED BY: *Sally G. Itel* DATE: 11/27/93

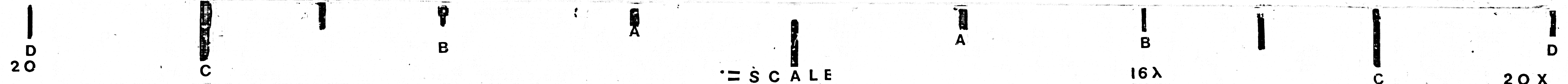
DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS TO THESE COUNTY SANITARY DISTRICTS FOR SPECIAL CONNECTION CHARGES.
 CALL (310) 693-7411 EXT. 2716



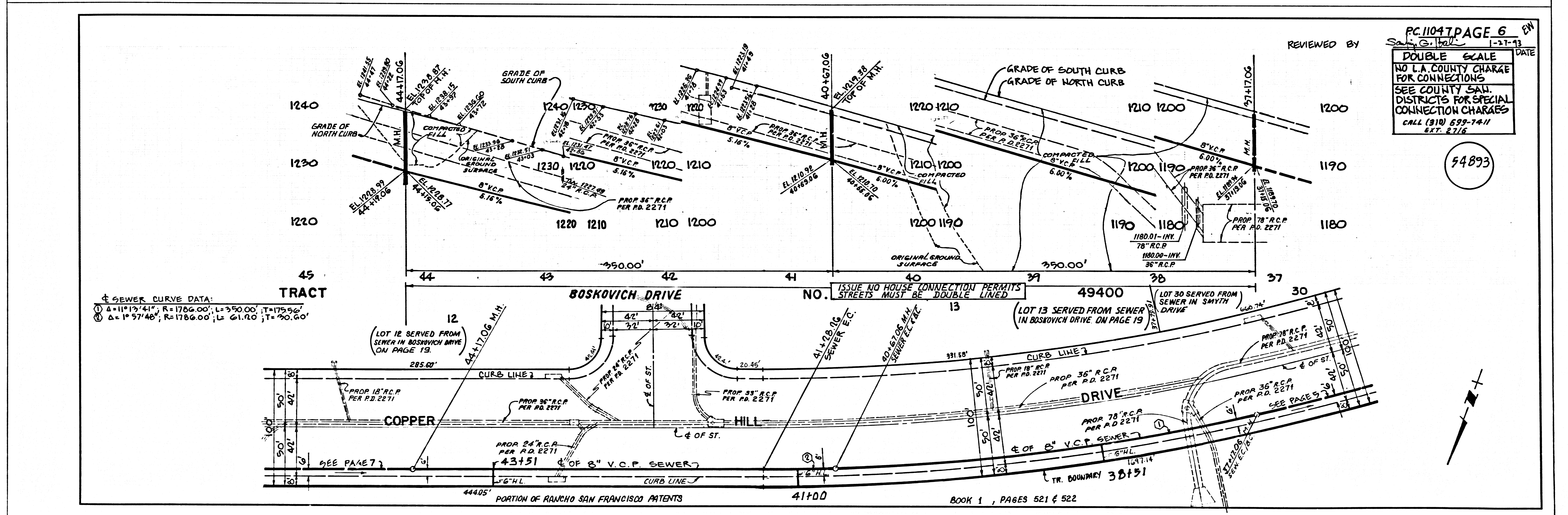
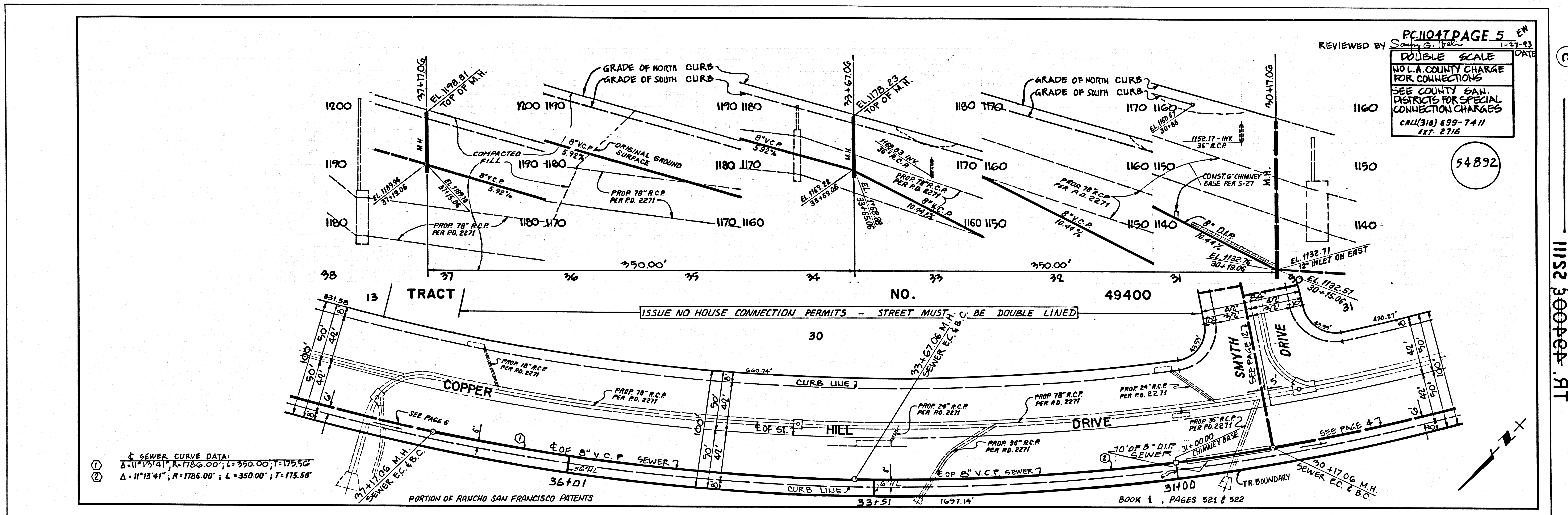


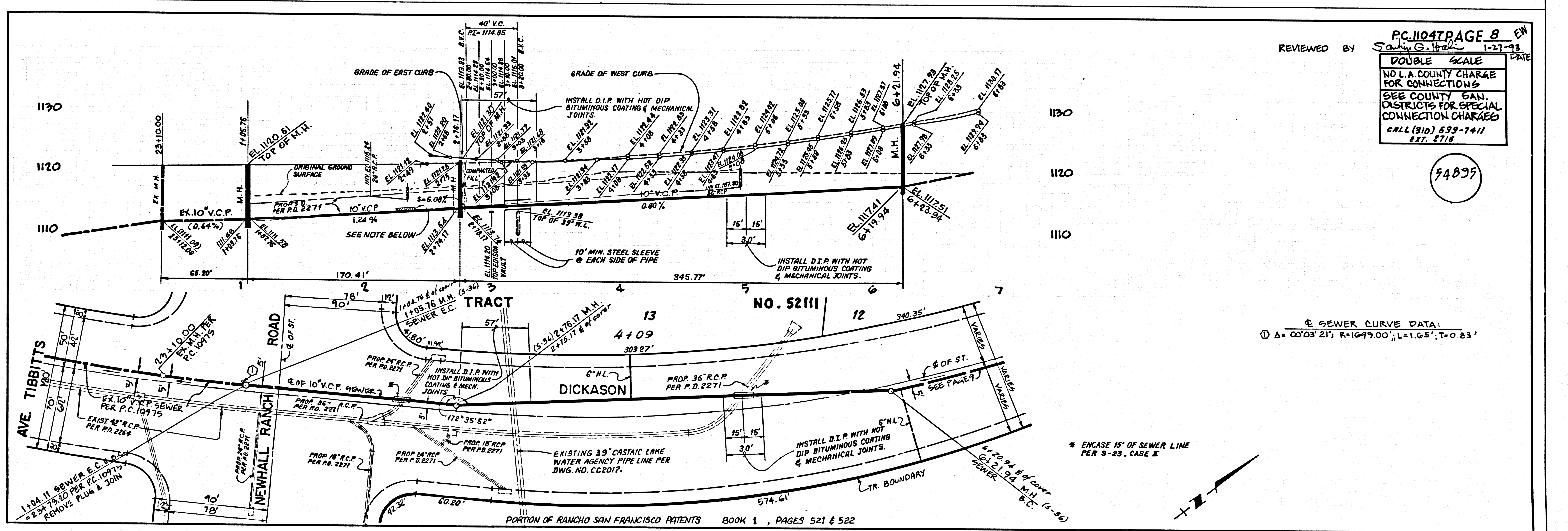
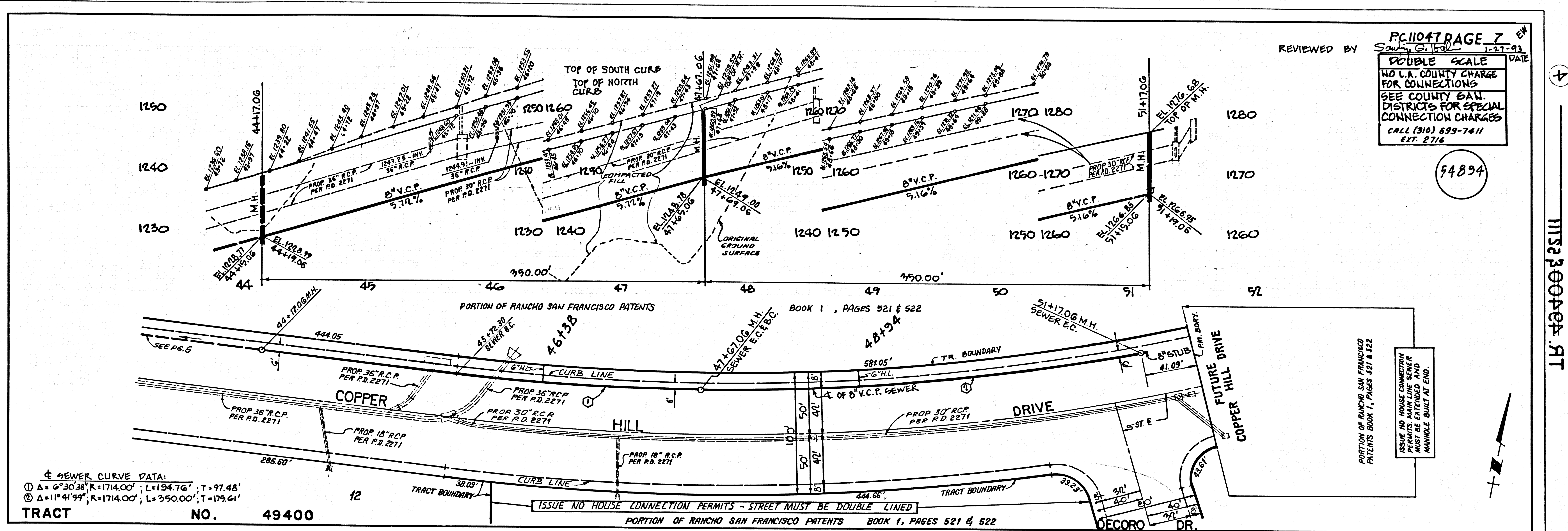
L.A. COUNTY SEWER SHEET NO. 2 Q.M. 1013 699-8440

NO. 1020-243-01



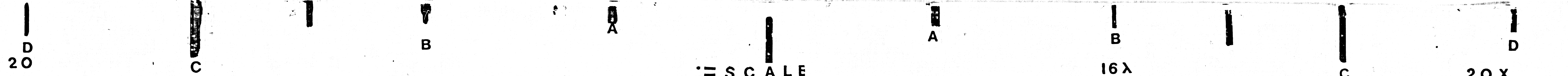
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L.A. COUNTY SEWER SHEET NO. 1 Q.M. N. (2) 3 699-8440 2025 6-88

W.O. 1020-243-01



17011 09
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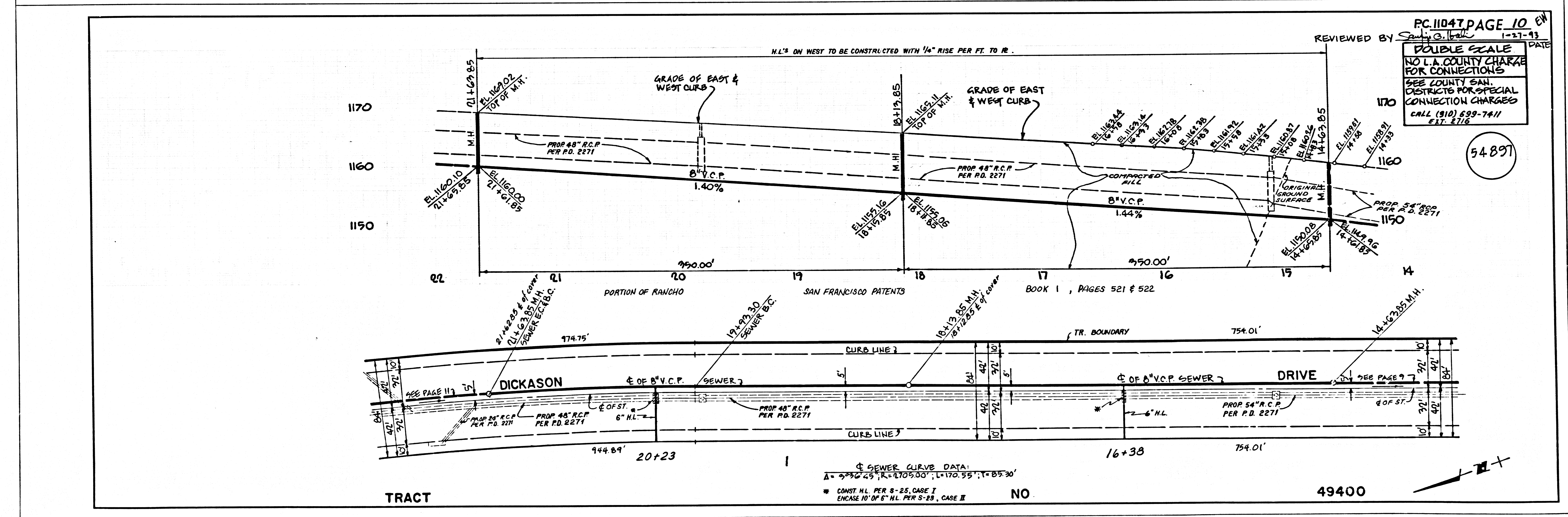
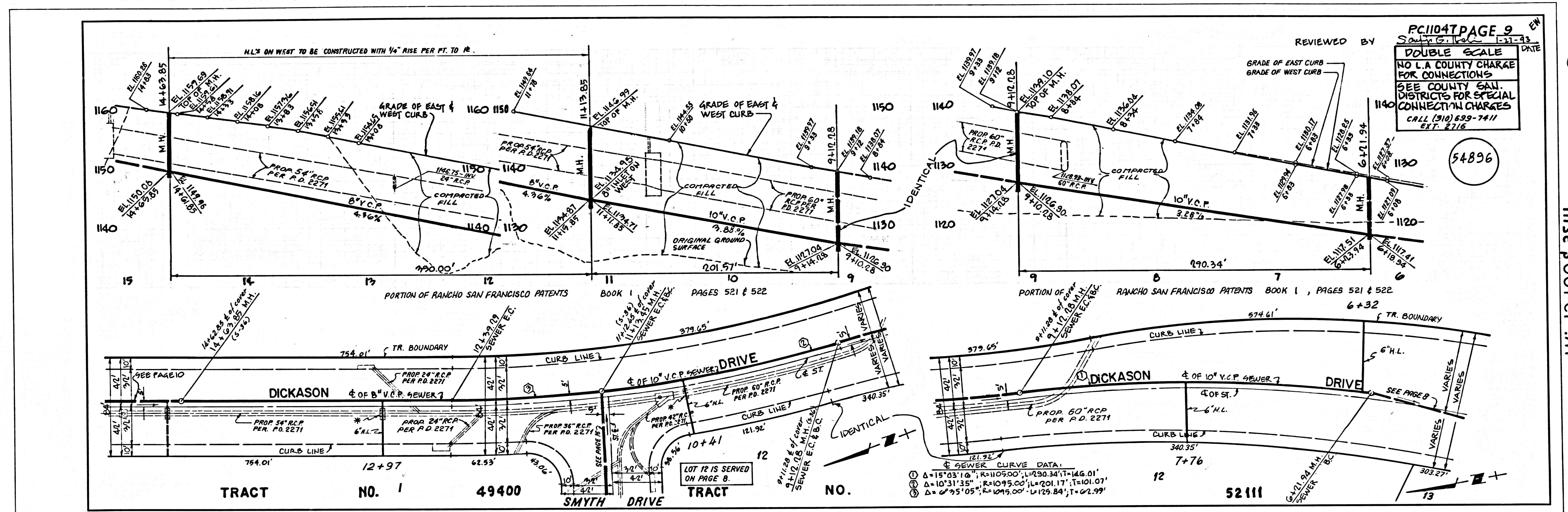
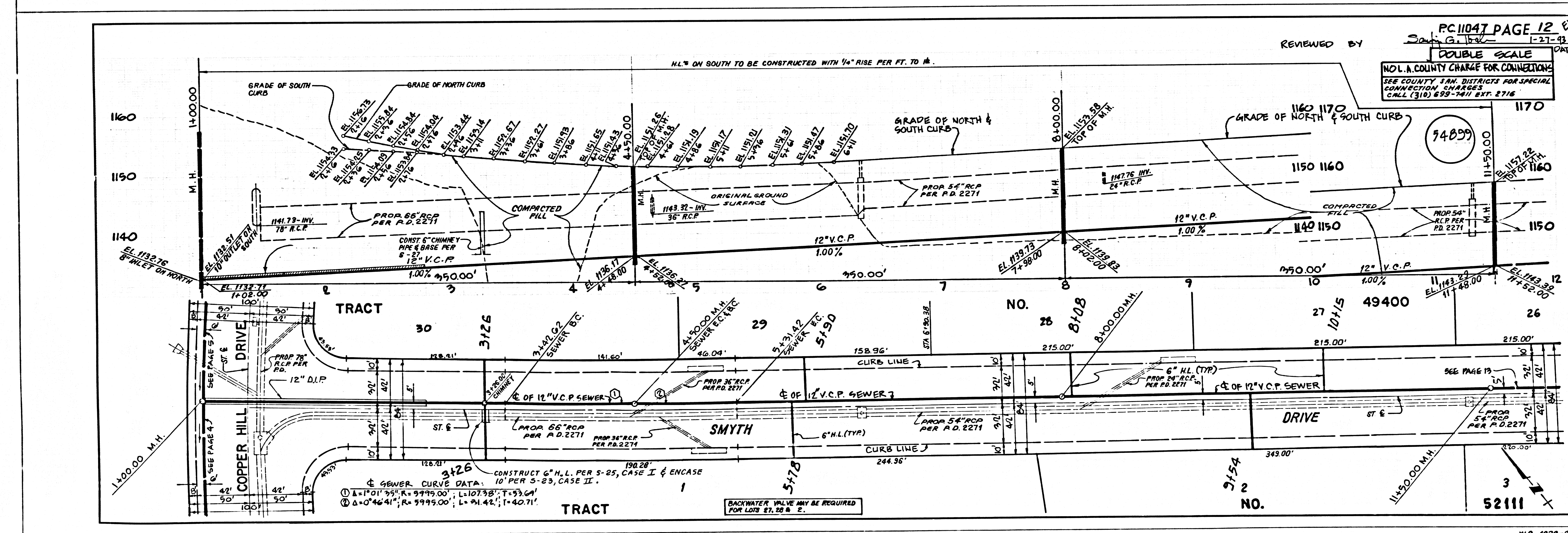
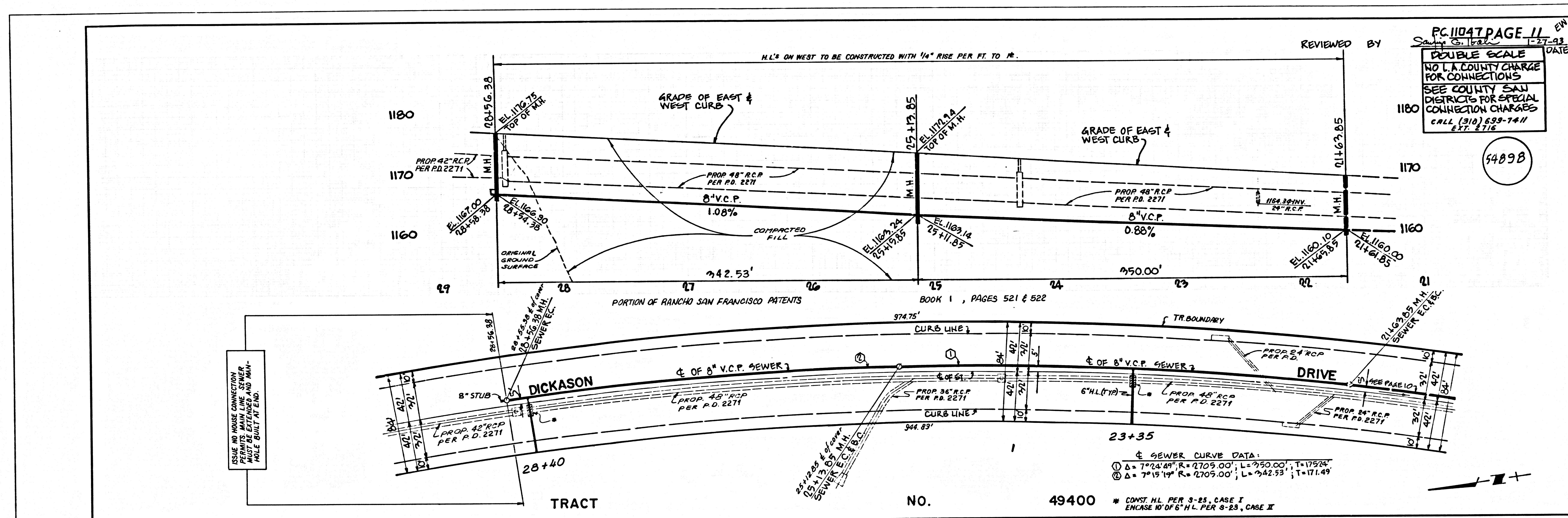


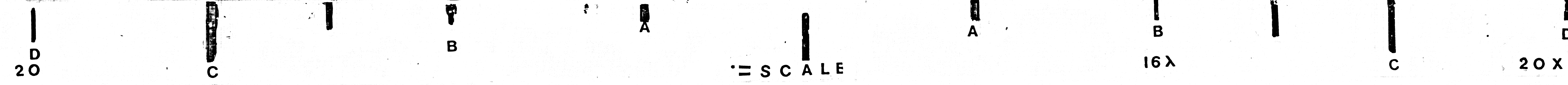
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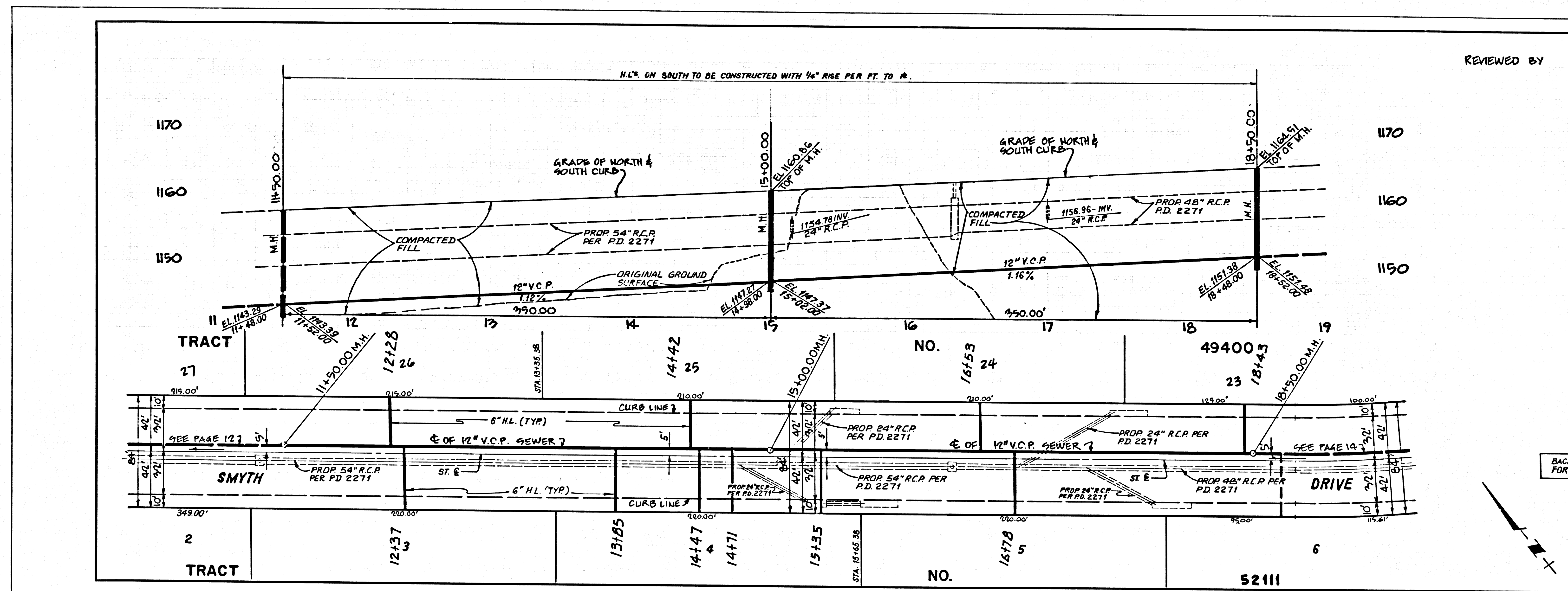




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W.O. 1020-243-01

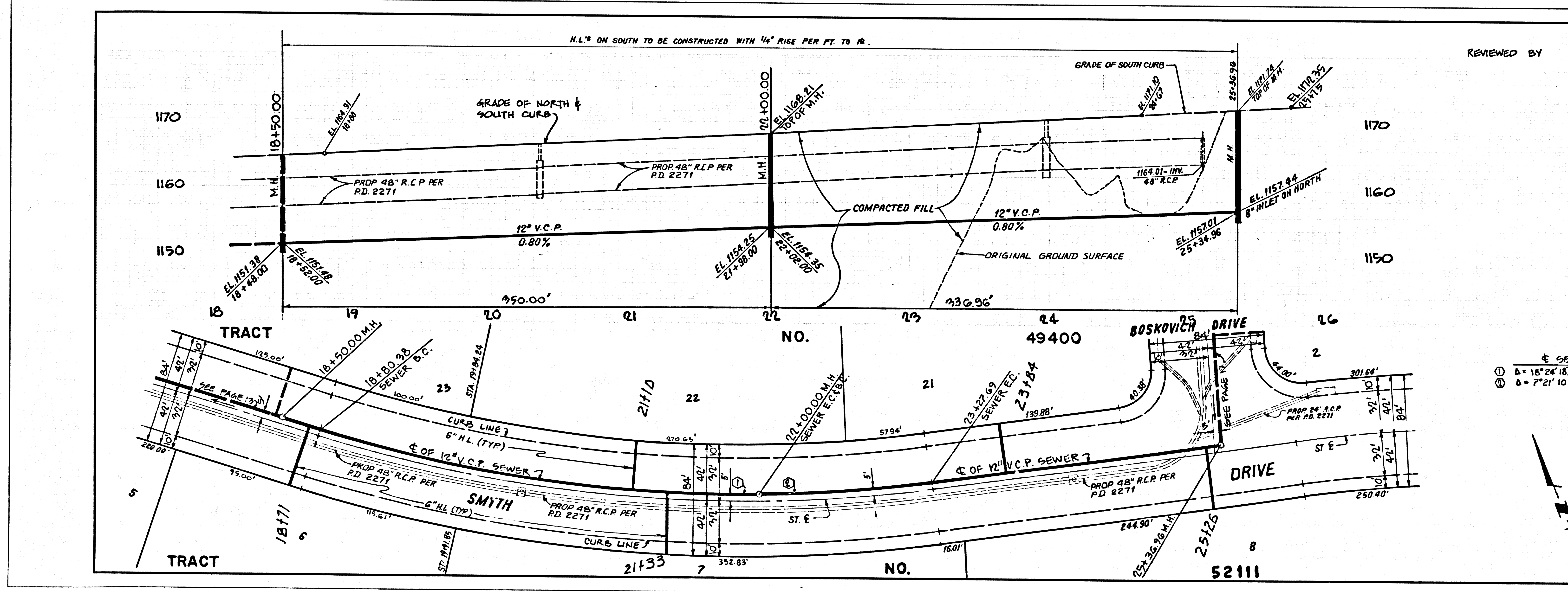




REVIEWED BY *S. G. W. 1-21-93* DATE
PC 11047 PAGE 13 EN
DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES
 CALL (310) 699-7411 EXT. 2716

(54900)

BACKWATER VALVE MAY BE REQUIRED FOR LOTS 24, 25, 3 & 5



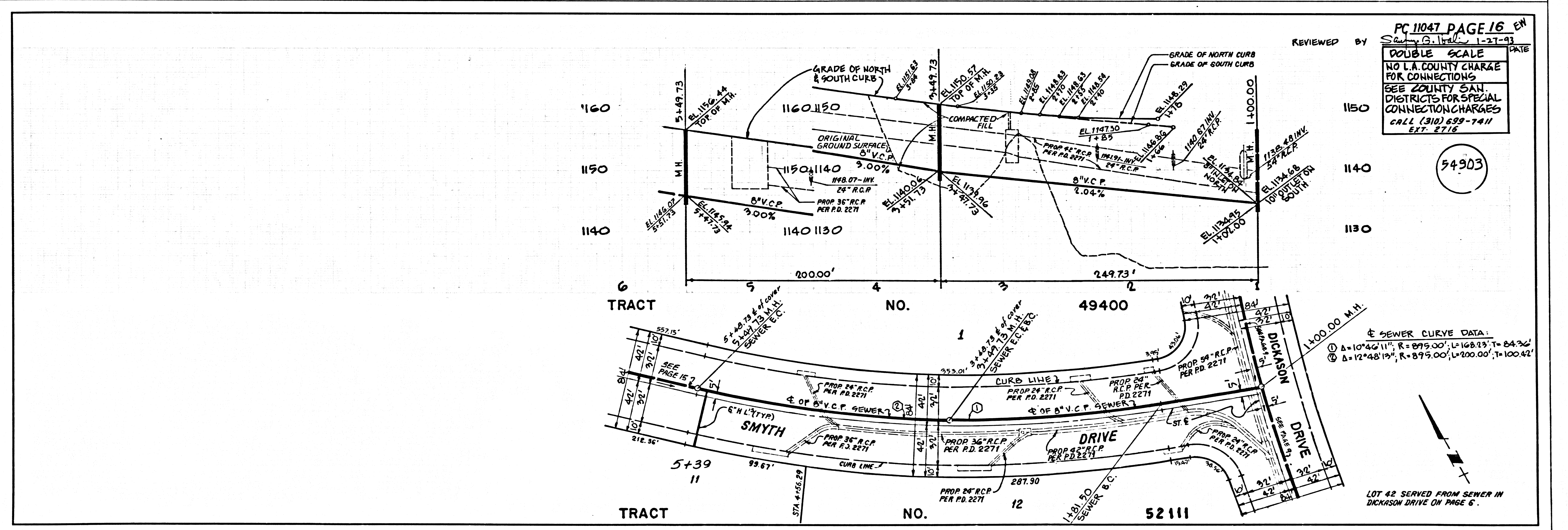
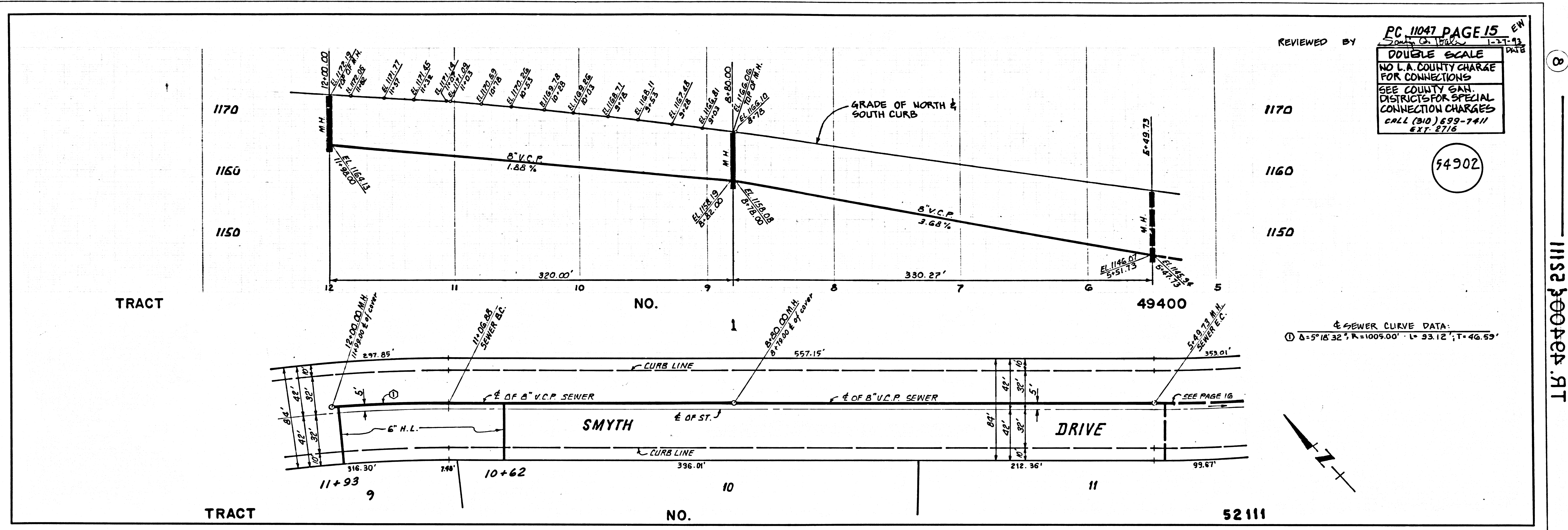
REVIEWED BY *S. G. W. 1-21-93* DATE
PC 11047 PAGE 14 EN
DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES
 CALL (310) 699-7411 EXT. 2716

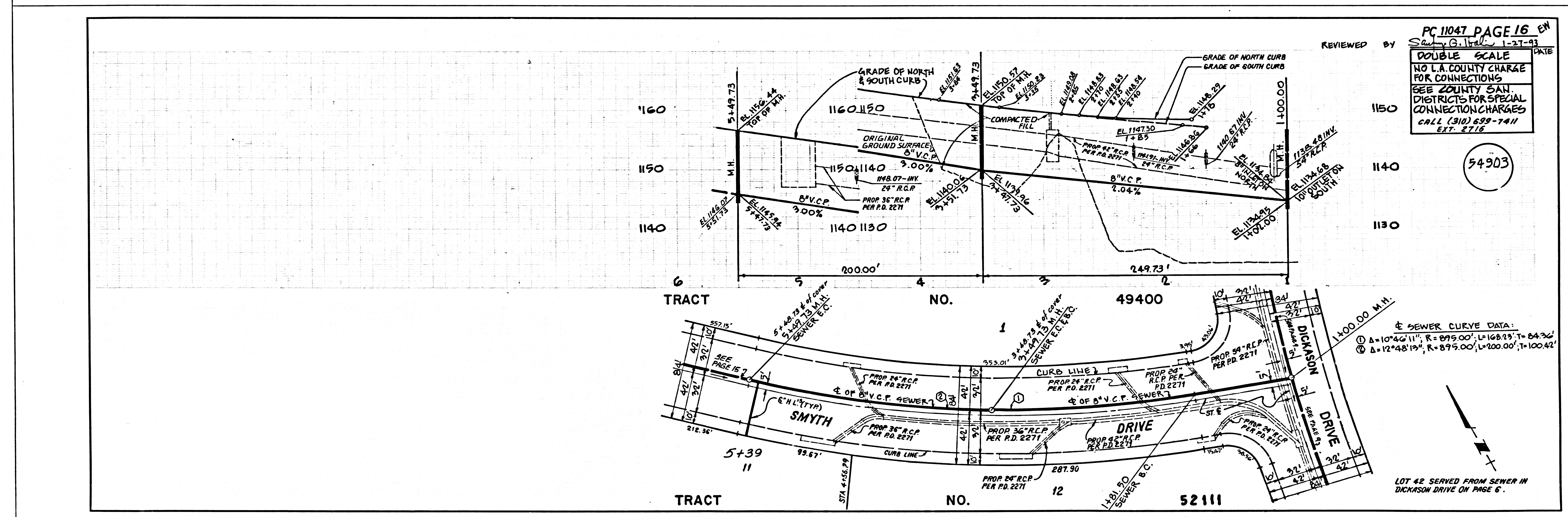
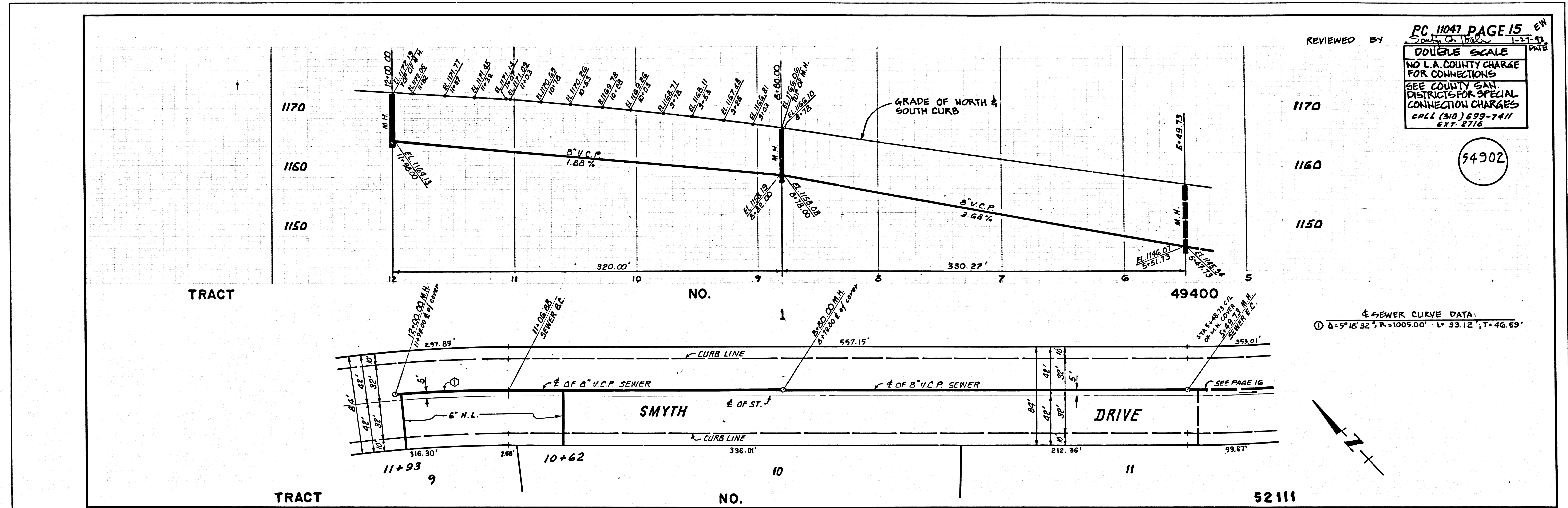
(54901)

SEWER CURVE DATA:
 ① Δ = 16°24'18\"/>

BACKWATER VALVE MAY BE REQUIRED FOR LOTS 21 & 6 & 8

①
 1401 29
 1152 300464 PT





1401 09 1152 000404 .RT