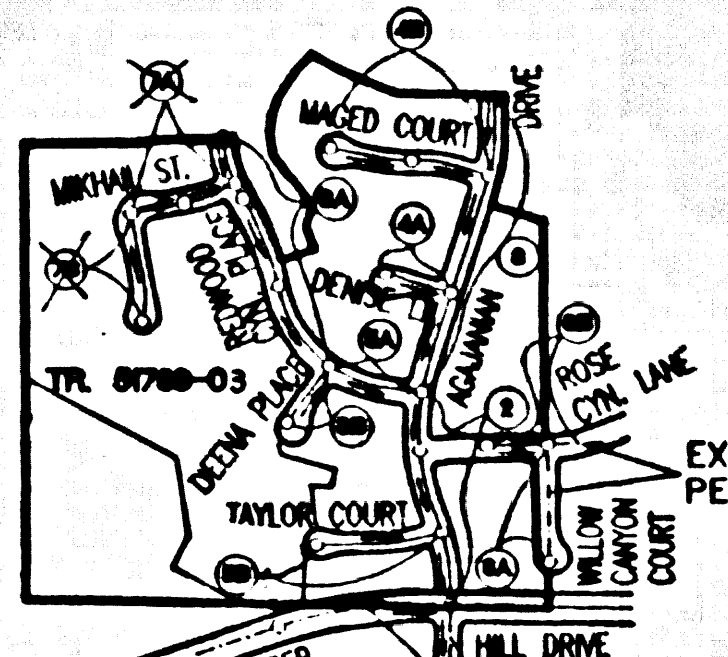


BENCH MARK
 NEWHALL (1991)
 DPW BM TAG IN S CR 14FT W/O BCR AT 7Y COR
 COPPER HILL DR & HARBELL CYN RD BOFT W AND
 S2PT S/O C/L INT (NR W END C B)
 ELEV. 1376.690 B.M. NO. L 6326

THIS SEWER PERMIT IS FOR THE
 ACCEPTED FOR PUBLIC USE
 11-07-2005
 COUNTY OF LOS ANGELES
 DEPARTMENT OF PUBLIC WORKS
 LAND DEVELOPMENT DIVISION

CITY OF SANTA CLARITA
 DISCHARGE APPROVAL ONLY
 ROBERT NEWMAN CITY ENG. DATE 11/16/01



INDEX MAP - 1332
 TRACT NO. 51789-01
 P.C. 11506
 SCALE: 1" = 600'
 THOMAS GURLE PG. 4461-B4

EXIST. 8" V.C.P. PER P.C. 10379
 BUILDING AND SAFETY
 SANTA CLARITA OFFICE

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	RAISE GRADE OF TOP OF CURB	N.A.	[Signature]	11/16/01
2	ELEVATION APPROXIMATE 8'	R.C.E. NO. 21649	[Signature]	11/16/01
3	REVISED LOT LINES AND WIDTH	N.A.	[Signature]	11/16/01
4	REVISED END OF DEANAL FREDWOOD CANYON PL. PG. 10A, 10B	R.C.E. NO. 21649	[Signature]	11/16/01

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- Crude sediments and other pollutants must be retained on site and may not be transported from the site via street flow, erosion, area drains, natural drainage courses, or wind.
- Stockpiles 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 labeling and are not to be used, spilled, or otherwise released. 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 wastes on site until they can be disposed of as solid waste.
- Traffic and construction-related solid waste must be deposited into a covered receptacle to prevent contamination of rainwater and disposed by truck.
- Sediments and other materials may not be tracked from the site by passing vehicles. The construction entrance roadway must be stabilized so as to prevent sediments from being deposited into the public way. Accidental discharges must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

LEGEND

CA001 - DEMANTING OPERATIONS	ES010 - SEEDING AND PLANTING
CA002 - PAINTING OPERATIONS	ES011 - MACHINING
CA003 - STRUCTURE CONSTRUCTION AND PAINTING	ES012 - GUTTERIES AND MATS
CA010 - MATERIAL DELIVERY AND STORAGE	ES021 - DUST CONTROLS
CA015 - SOLID WASTE MANAGEMENT	ES022 - TEMPORARY STREAM CROSSING
CA021 - HAZARDOUS WASTE MANAGEMENT	ES023 - CONSTRUCTION ROAD STABILIZATION
CA025 - CONCRETE MANAGEMENT	ES024 - STABILIZED CONSTRUCTION ENTRANCE
CA026 - SANITARY/SEPTIC WASTE MANAGEMENT	ES025 - STORM DRAIN VEGETATION PROTECTION
CA030 - VEHICLE AND EQUIPMENT CLEANING	
CA031 - VEHICLE AND EQUIPMENT TIEING	
CA032 - VEHICLE AND EQUIPMENT MAINTENANCE	
ES001 - SCHEDULING	
ES002 - PRESERVATION OF EXISTING VEGETATION	

STANDARD PLANS:
 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
 MINIMUM PUBLIC SAFETY REQUIREMENTS 2008-0
 BRICK MANHOLE 2013-0
 STANDING MANHOLE STEP 2021-0
 REDDING FOR SEWER PIPE 2021-0
 CRACKING AND ANCHORING 2022-0
 WYE OR TEE SUPPORT 2022-0
 ALLOWABLE TRENCH WIDTHS 2022-0
 LOCKING MANHOLE FRAME AND COVER 2010-0
 NON-REINFORCED PRECAST CONCRETE MANHOLE 2001-0
 BREAK INTO EXISTING MANHOLE 2010-0
 EROSION PROTECTION IN STEEP SLOPES 2022-0
 ANCHOR BLOCKS FOR SEWER PIPE 2021-0
 JACKING STEEL CASING FOR SEWER PIPE 2022-0
 CHIMNEY'S 2022-0
 TERMINAL CLEANOUT STRUCTURE 2004-0

ISSUE NO HOUSE LATERAL CONNECTION PERMITS UNTIL OUTLET P.C. NO. 11441 IS ACCEPTED FOR PUBLIC USE BY LOS ANGELES COUNTY.
 LOTS 88 AND 89 OF THIS TRACT WILL BE SERVED BY P.C. 11441.

PRIVATE CONTRACT SEWER GENERAL NOTES

- A sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the Department of Public Works at the Permit Counter, 900 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 Flood Encroachment, Caltrans, etc., must be filed with this permit application.
- Prior to issuance of any permit, the contractor shall file a permit for excavations and trenches from the State of California Division of Safety, and a Certificate of Works Construction Insurance with the Department of Public Works as the Certificate Holder to be notified 30 days prior to commencement of work.
- If work is done in a State Highway, a permit must be obtained from the State of California Division of Highways, 120 South Spring Street, Los Angeles, Calif. 90012.
- When work is done in 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 acceptable construction start date.
- 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 plans.
- All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction, including supplements and the latest Special Provisions for the Construction of Sanitary Sewers and shall be provided only in the presence of the Department of Public Works.
- 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.
- 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 this 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 curb, centerline of streets, or corners of lots, 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 down between said designated points.
- The private engineer shall furnish the Department of Public Works with grade sheets and stationing for all house laterals and T or T junctions and shall provide stationing for all other structures 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 degrees with the M.L. sewer. Any change in alignment shall be requested in writing by the private engineer.
- The private engineer shall furnish the house lateral depth of the property line below the top of curb stationing for each house lateral on the gross sheet.

CONSTRUCTION NOTES

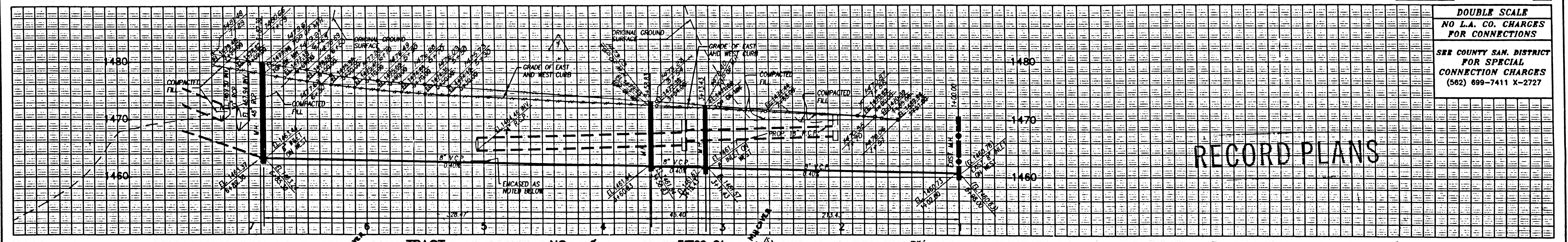
- Provide survey stations on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
- Verified clay pipe joints shall be type "D" or "E" per standard specifications section 208-2.
- If a separate in within three feet of the sewer, the sewer shall be encased per standard plan S-23, case I, two feet on each side from the point of interference.
- All joints between cast iron pipe and verified clay shall be made with a rubber sleeve joint, type "D" (with bushing if necessary) per standard specifications section 208-2.
- House laterals to be constructed with inverts at the property line 8 feet below curb grade except as noted.
- Wye or tee branches may be used for connections to the 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 manhole or house lateral V.C.P. sewer which is not indicated on the plans, the pipes shall be encased per standard plan S-23, case I, unless otherwise approved by the Director of Public Works.
- All structures shall be other brick sewer manholes per standard plan S-3 or precast concrete sewer manholes per standard plan S-3, or reinforced precast concrete manhole per standard plan S-4, except as noted.
- Full compliance with section 306-1.3.4. of the standard specification will be required for backfill in street certification of a certificate of partial completion.
- All backfill and fill outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM soil compaction test D 1557-78 method "D" unless otherwise specified. This shall be certified by a qualified civil engineer. The certification shall be filed with the Construction Division of the Department of Public Works prior to the acceptance of the work by the county.
- Manhole tops in unimproved rights of way to be six inches above finished grade.
- Sewers to be tested for leakage per section 306-1/4 of the standard specifications and special provisions.

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS
 TO BE CONSTRUCTED IN
 TRACT NO. 51789-01 P.C. NO. 11506
 INDEX - 1332
 4 SHEETS: 8 PAGES

COUNTY OF LOS ANGELES CALIFORNIA
 JAMES A. MOYES DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 [Signature] 10/16/01
 SUBMITTED BY [Signature] 10/14/01
 [Signature] SUPERVISOR PUBLIC WORKS SECTION

APPROVED: COUNTY SANITATION DISTRICT
 OF LOS ANGELES CALIF.
 JAMES STARR - CHIEF ENGINEER AND GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 28
 [Signature] DATE: 10/17/01

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF 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 PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THE DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-422-4113 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL UP ANY CHARGES OF GENERAL TELEPHONE COMPANY AT 1-800-848-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.
 [Signature] 5/10/01
 RCE NO. 21649 DATE



BACKWATER VALVES MAY BE REQUIRED FOR LOTS 82, 84, 94, 93, 1, 11-15, & 51

BACKWATER VALVES MAY BE REQUIRED FOR LOTS 82, 84, 94, 93, 1, 11-15, & 51

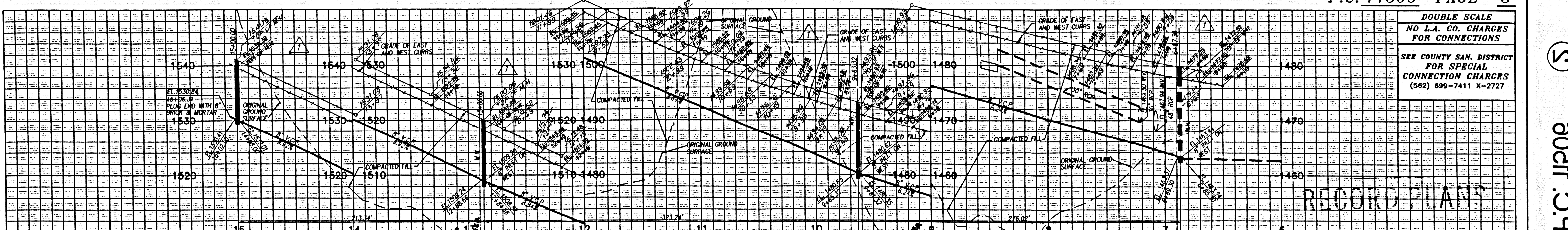
P.C. 11506 PAGE 2

DOUBLE SCALE
 NO L.A. CO. CHARGES FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES (562) 699-7411 X-2727

SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40'
 25 0 50 100
 55544

SANITARY SEWER PLANS IN
 TR. NO. 51789-01 P.C. NO. 11506
 REVISED BY LAND DEVELOPMENT DIVISION
 BY [Signature] 10/16/01
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
LDC LAND DESIGN CONSULTANTS, INC.
 Land Planning, Civil Engineering, Surveying & Environmental Services
 25670 Rye Canyon Road, Suite 1
 Valencia, California 91355
 (661) 776-3940
 93016-006
 Project No.

10-087E.01.PT

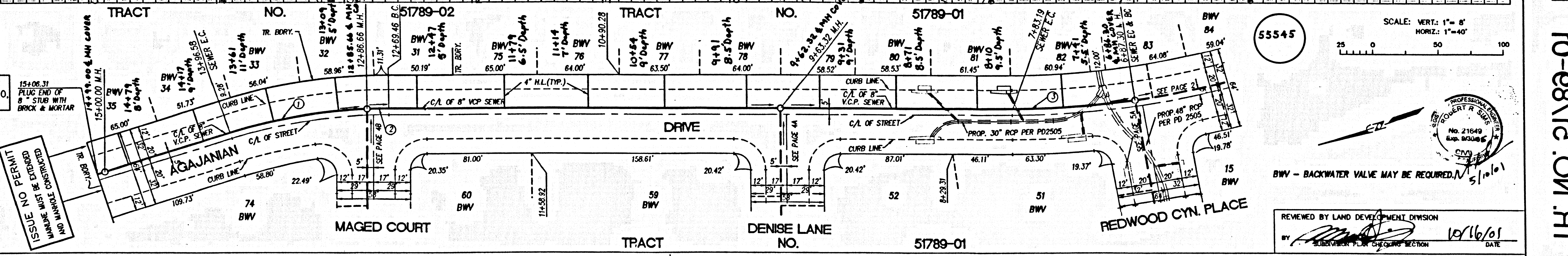


DOUBLE SCALE
NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES
(562) 699-7411 X-2727

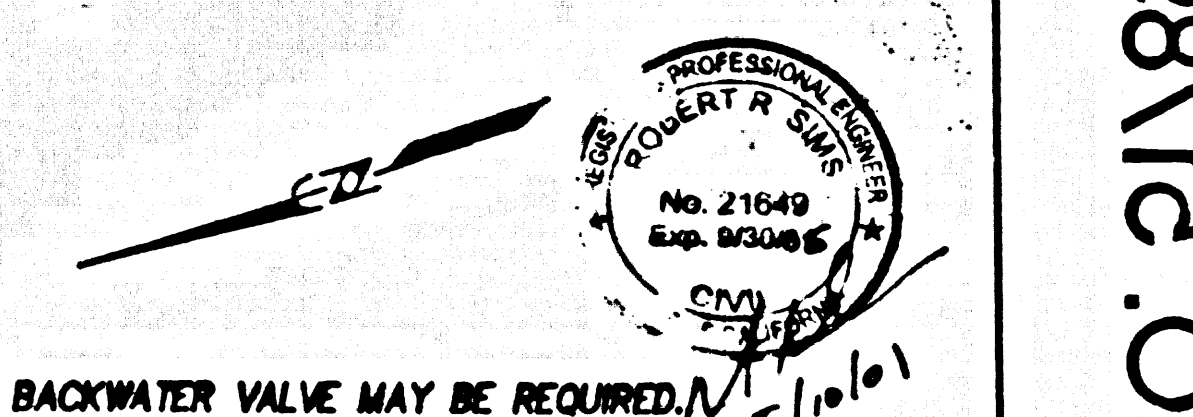
RECORD PLANS

NO.	PI	TA	RA	TR	CH	LEN	CH	ANG
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2	1535.38	425.00	117.20	8.50				
3	1537.07	645.00	95.89	48.04				

BACKWATER VALVES MAY BE
REQUIRED FOR LOTS No. 59, 60,
51, 15, 74-78, 80-82, & 84



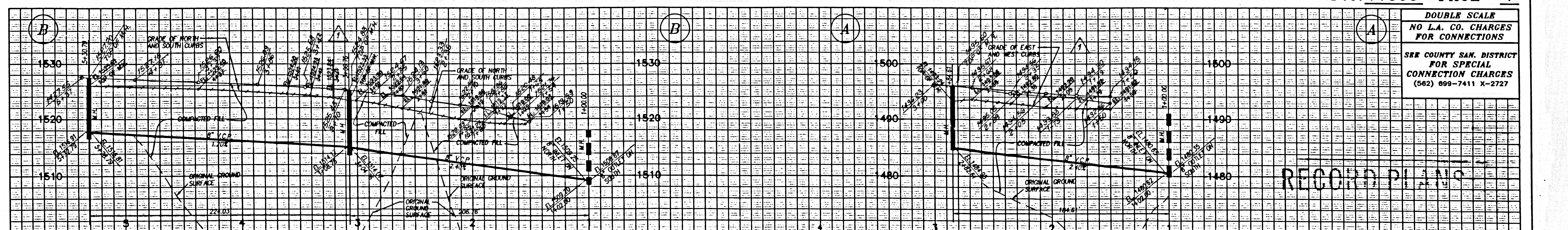
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HORIZ. 1" = 40'



REVIEWED BY LAND DEVELOPMENT DIVISION
DATE 10/16/05

55545

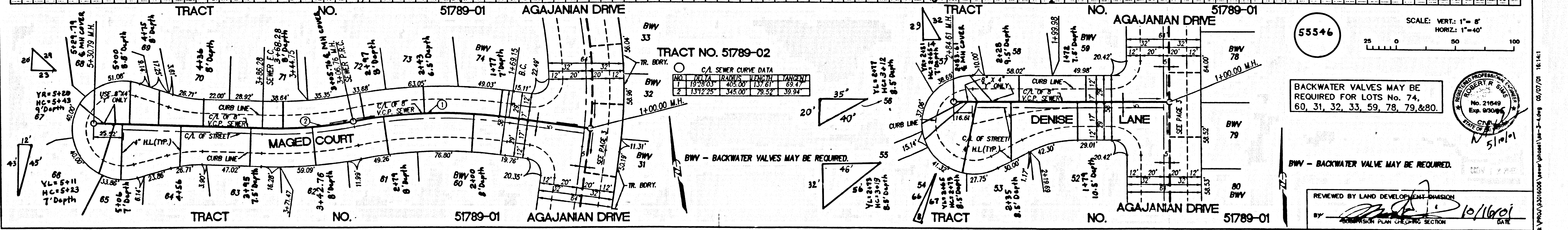
2021.09 10-08712.01.PT



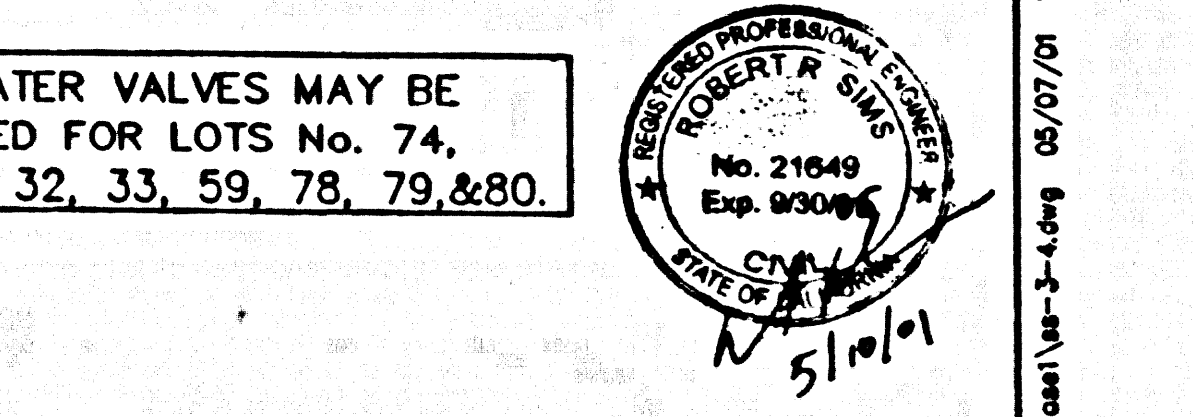
DOUBLE SCALE
NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES
(562) 699-7411 X-2727

RECORD PLANS

NO.	PI	TA	RA	TR	CH	LEN	CH	ANG
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2	1532.25	345.00	78.52	39.94				



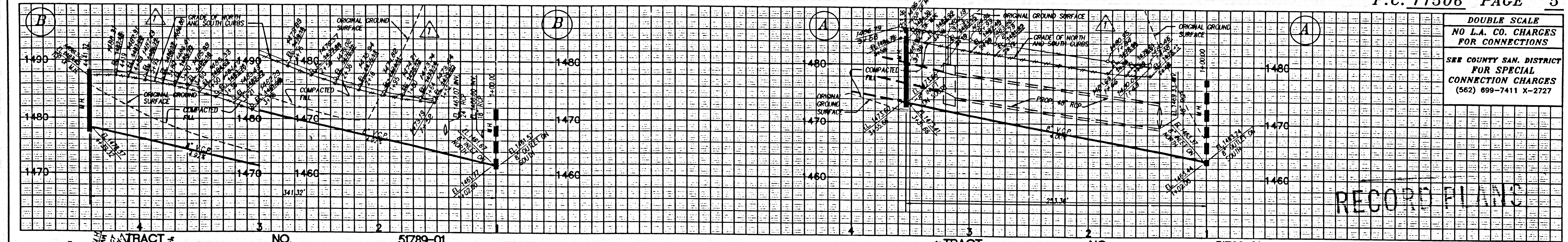
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HORIZ. 1" = 40'



REVIEWED BY LAND DEVELOPMENT DIVISION
DATE 10/16/05

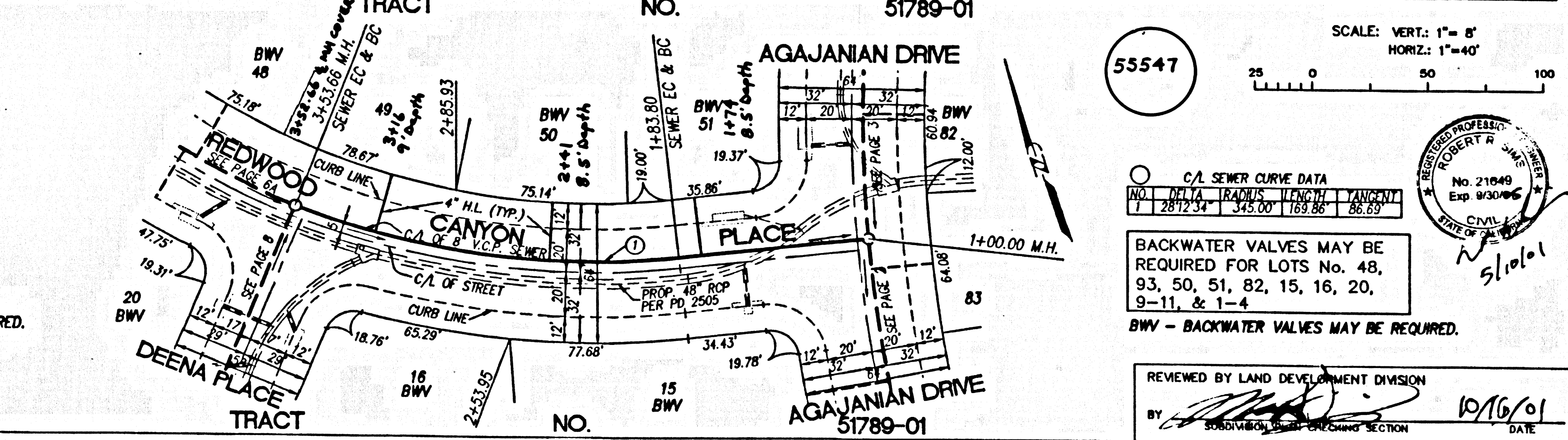
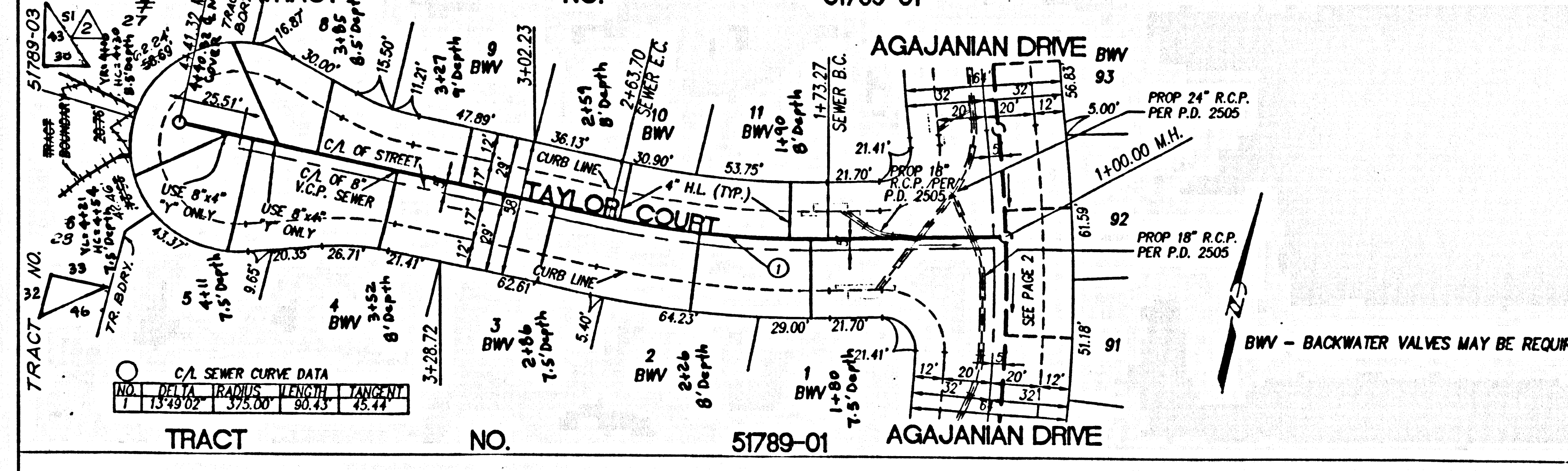
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2021.09 10-08712.01.PT



DOUBLE SCALE
NO L.A. CO. CHARGES FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES (562) 699-7411 X-2727

RECORD PLANS



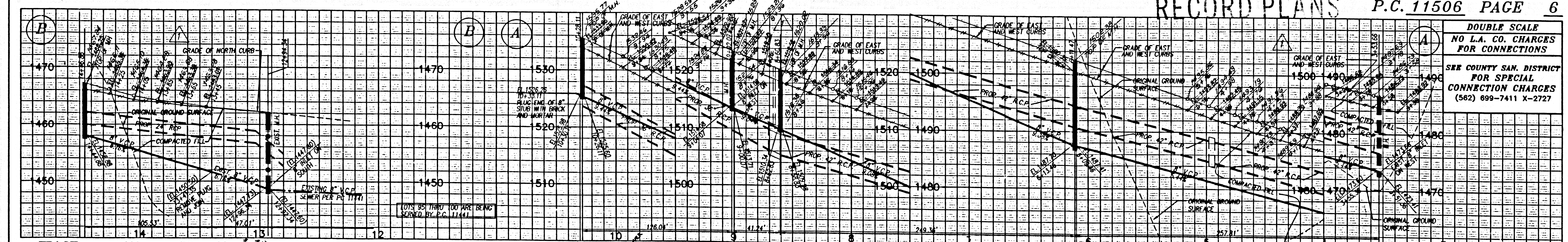
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55547

C/A SEWER CURVE DATA
NO. 21040
EXP. 03/06/06

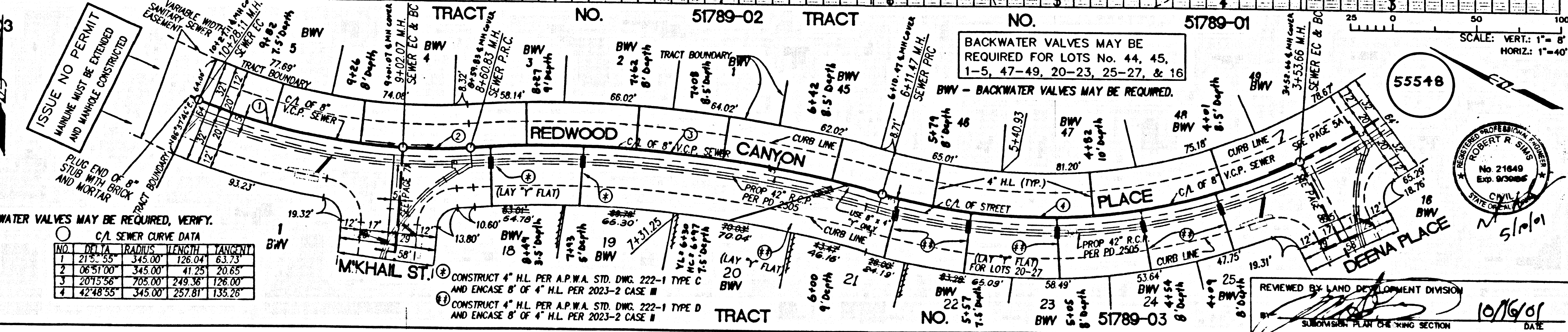
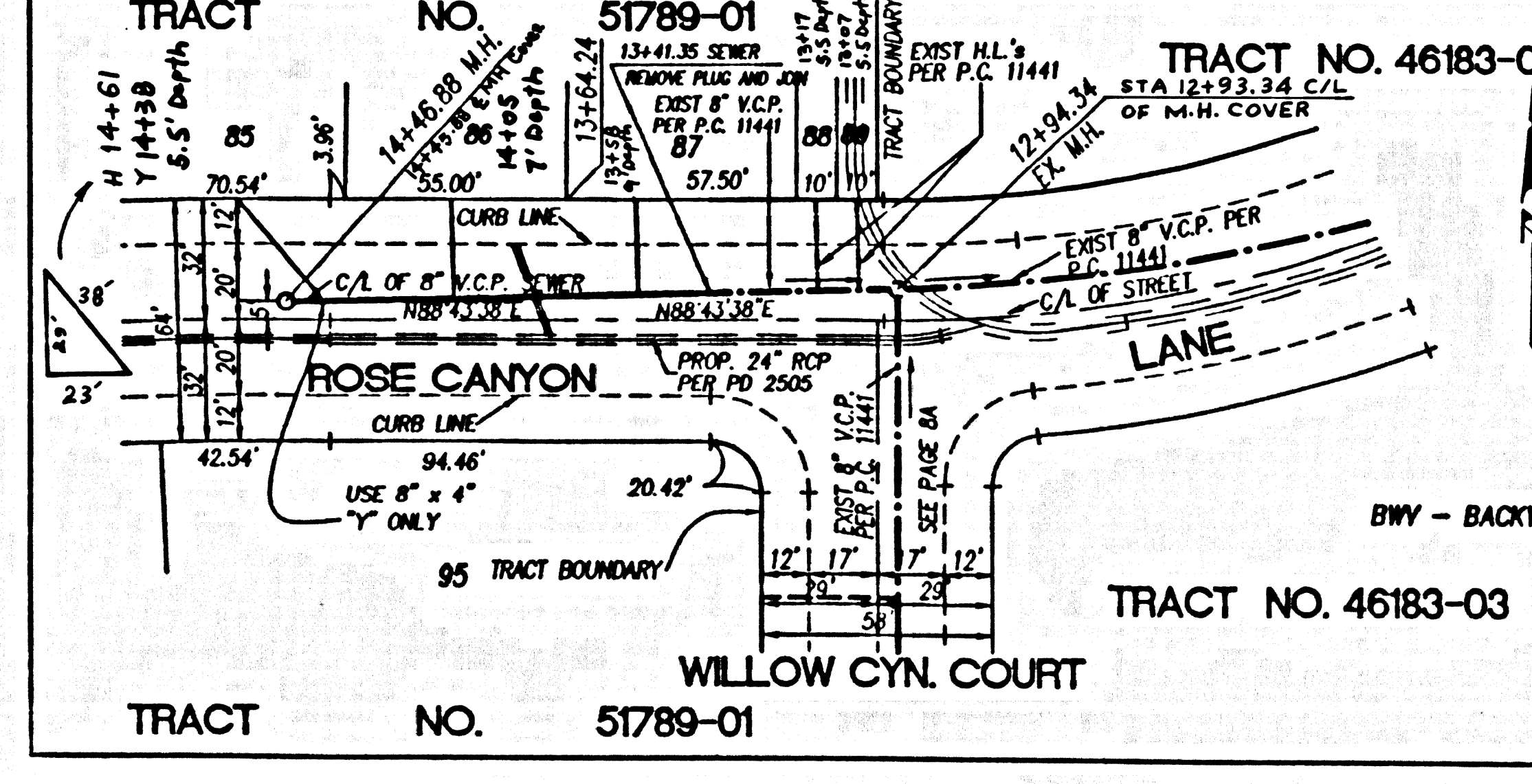
BACKWATER VALVES MAY BE REQUIRED FOR LOTS No. 48, 93, 50, 51, 82, 15, 16, 20, 9-11, & 1-4
BWV - BACKWATER VALVES MAY BE REQUIRED.

REVIEWED BY LAND DEVELOPMENT DIVISION
DATE: 10/16/01



DOUBLE SCALE
NO L.A. CO. CHARGES FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES (562) 699-7411 X-2727

RECORD PLANS



SCALE: VERT: 1"=8'
HORIZ: 1"=40'

55548

C/A SEWER CURVE DATA
NO. 21040
EXP. 03/06/06

BACKWATER VALVES MAY BE REQUIRED FOR LOTS No. 44, 45, 1-5, 47-49, 20-23, 25-27, & 16
BWV - BACKWATER VALVES MAY BE REQUIRED.

REVIEWED BY LAND DEVELOPMENT DIVISION
DATE: 10/16/01

ISSUE NO PERMIT MARKING MUST BE EXTENDED AND MANHOLE CONSTRUCTED

PIPE END OF 8" SIB WITH GROUT AND MORTAR

BACKWATER VALVES MAY BE REQUIRED, VERIFY.

C/A SEWER CURVE DATA

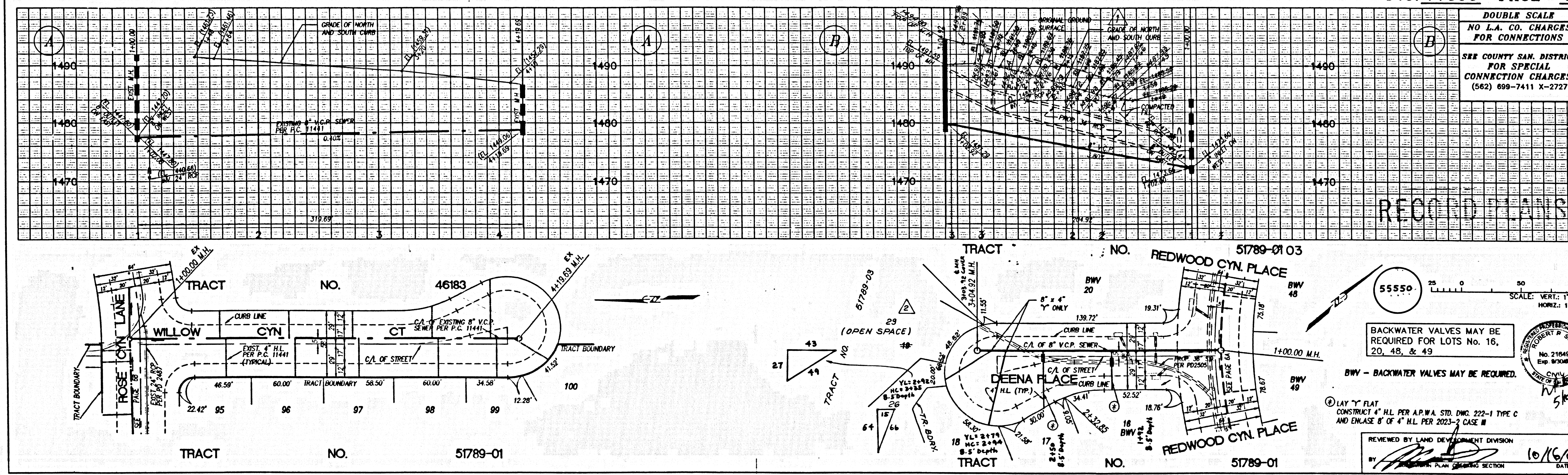
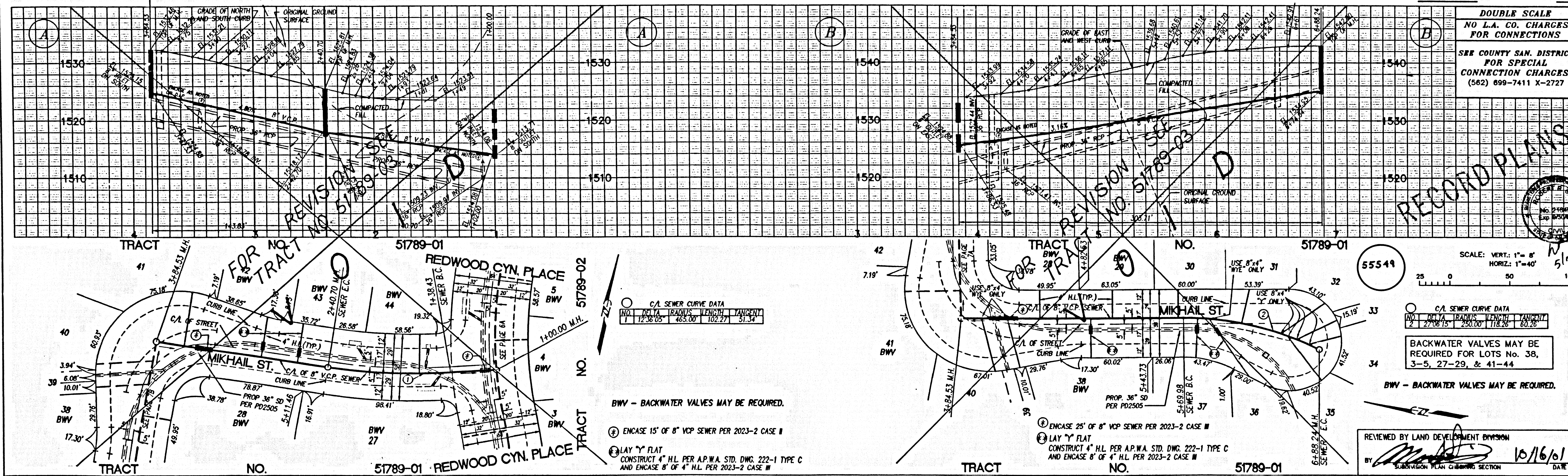
NO.	PIV. TRAVERSE LENGTH	MANHOLE
1	215.35	445.00
2	207.50	445.00
3	207.50	445.00
4	224.85	445.00

CONSTRUCT 4" H.L. PER A.P.W.A. STD. D.W.C. 222-1 TYPE C AND ENCASE 8" OF 4" H.L. PER 2023-2 CASE II

CONSTRUCT 4" H.L. PER A.P.W.A. STD. D.W.C. 222-1 TYPE D AND ENCASE 8" OF 4" H.L. PER 2023-2 CASE II

2021.09 10-0872.01 PT

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20211 .C.P. 10-08712 .ON .P11

10/16/01 10:46:13