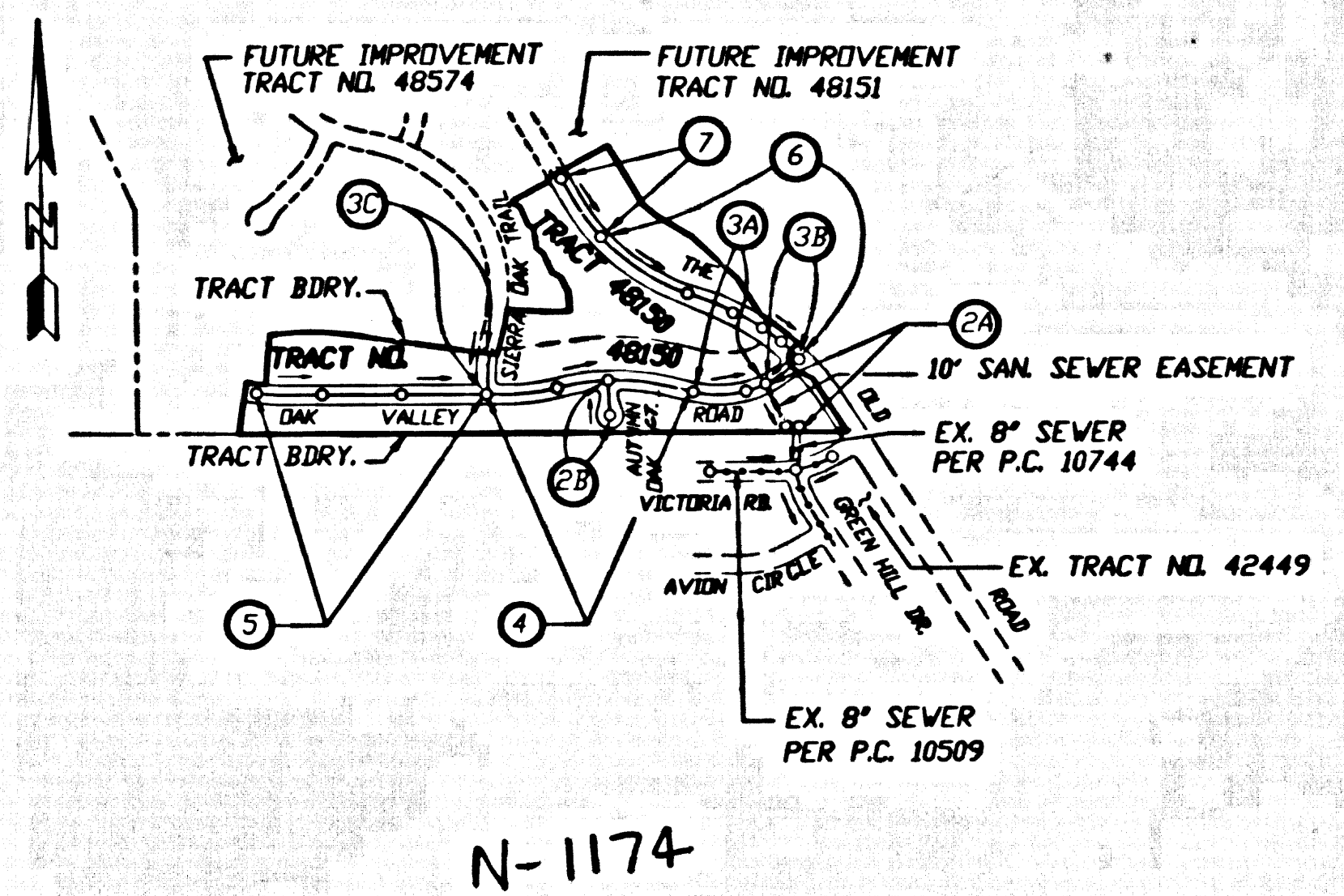


B.M. CL 4622 ELEV. 1147.564
 SMALL BOAT SPK & TAG 88 - S25 S4 END OF BRIDGE
 88 - 1552 1471 S/O CA LAKE HUGHES RD
 NEWHALL QUAD.19 83

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES 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 THIS MAP. 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 THIS DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT AT 800-422-4133.

REG. C.E. NO. 55069 DATE

- GENERAL NOTES:**
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 - NO RECORDS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
 - NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL BE ON 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 CENTERLINE SHALL BE SHOWN ON PROFILES AT ALL POINTS BETWEEN SIGHT DISTANCES. GRADES SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE GRADE IN THESE SIGHT DISTANCES.
 - THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND ALL BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR POINT OF CONNECTION WITH EXISTING LATERALS. ALL HOUSE LATERALS SHALL BE CONSTRUCTED FROM CHIMNEYS. CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE. SEWER ANY CHANGE IN ALIGNMENT SHALL BE INDICATED BY NOTES BY THE PRIVATE ENGINEER.
 - 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.
 - IF WORK IS TO 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.
 - 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, DEPTH OR DEPTH OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 - REFER TO SECTION 21.6(A) OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
 - PRIOR TO THE BEGINNING OF THE REQUIRED SEWER CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN AND MAINTAIN THE DEPARTMENT OF PUBLIC WORKS' PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF EMPLOYER'S COMPLIANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 800 S. FROST AVENUE, PASADENA, CALIF. 91107 15TH FLOOR. MARKED AS THE CERTIFICATE SHOULD BE NOTIFIED 30 DAYS BEFORE COMMENCEMENT OF WORK.
- CONSTRUCTION NOTES:**
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS CONSTRUCTION PERMIT DIVISION AND L.A. COUNTY DEPARTMENT OF PUBLIC WORKS SPECIAL PROGRAMS FOR THE CONSTRUCTION OF PUBLIC WORKS. THE CONTRACTOR SHALL BE PROTECTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, (818) 488-3126, AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS SHALL BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - USE OF BRANCHES MAY BE USED FOR CONNECTIONS TO HOUSE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER A.P.W.A. STD. PLAN NO. 203-1 OR PRECAST CONCRETE MANHOLES PER L.A.C.P.A. STD. PLAN NO. 203-2. ALL STRUCTURES SHALL BE NOTED ON THE PLANS.
 - PROVIDE STAKES ON THE PROPERTY LINE PRODUCE AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 - MANHOLES SHALL BE UNBARRICADED UNLESS OTHERWISE NOTED.
 - VERTICAL CLAY PIPE JOINTS SHALL BE TYPE "O" OR "P" PER STANDARD SPECIFICATIONS SECTION 208-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER L.A.C.P.A. STD. PLAN NO. 203-2. THE SEWER SHALL BE PROTECTED 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 NOTED ON THE PLANS, THE PIPE SHALL BE ENCASED PER L.A.C.P.A. STD. PLAN NO. 203-2. CASE I SHALL BE OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER RING JOINT. THE "O" OR "P" JOINTS SHALL BE USED WHERE NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER STANDARD SPECIFICATIONS SECTION 208-1.6 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - SEE SURFACE WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA TITLE INSURANCE REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FULL COMPLIANCE WITH SECTION 208-1.34 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL CONSTRUCTION AND LAND EQUIVALENTS BY A QUALIFIED REGISTERED GEOTECHNICAL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A PARTIAL ACCEPTANCE.
 - SPECIAL BACKFILL IN EASEMENT CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO MAINTAIN ORIGINAL OR IMPROVED GRADES AND SURFACES SHOWN ON THE GRADING PLAN APPROVED FOR CONTRACT DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. (B) ALL BACKFILL AND LAY UP MATERIALS SHALL BE ACCEPTED BY THE DEPARTMENT OF PUBLIC WORKS. (C) ALL BACKFILL AND LAY UP MATERIALS SHALL BE ACCEPTED BY THE DEPARTMENT OF PUBLIC WORKS. (D) ALL BACKFILL AND LAY UP MATERIALS SHALL BE ACCEPTED BY THE DEPARTMENT OF PUBLIC WORKS.
 - ALL WELLS AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.



INDEX MAP
 SCALE 1" = 600'
 P.C. 11363 TRACT NO. 48150
 THOMAS GUIDE PAGE 4389/2-5
 NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

SANITARY SEWERS
 TO BE CONSTRUCTED IN
TRACT NO. 48150
 PRIVATE CONTRACT NO. 11363

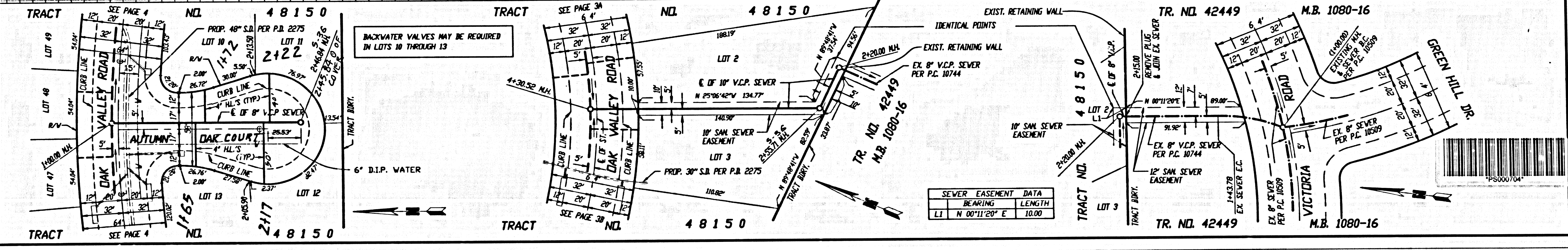
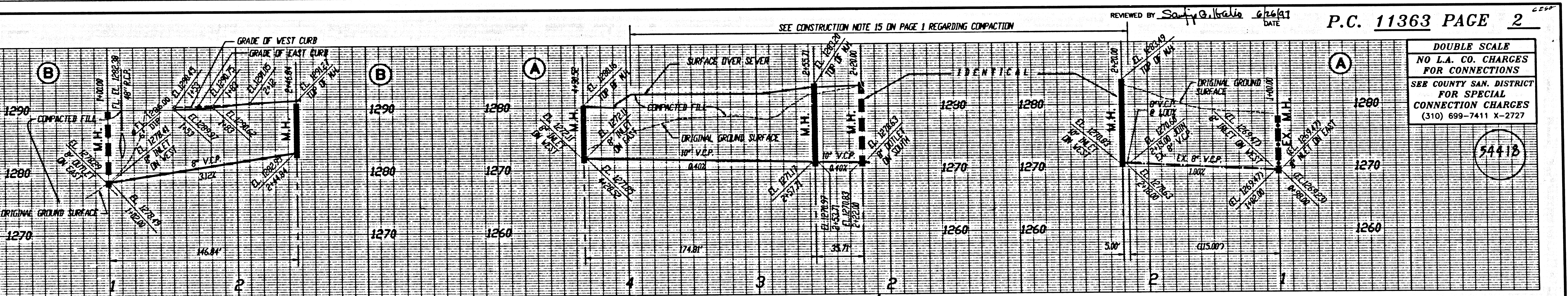
INDEX: 1174
 ...SHEETS; ...PAGES 54417
 SCALE: VERT: 1" = 8'
 HORIZ: 1" = 40'
 DECEMBER, 1996
 PREPARED IN THE OFFICES OF
 LAND DESIGN CONSULTANTS, INC.
 225 So. Lake Ave., Suite 800, Pasadena, California 91101
 PH: (818) 798-7000 FAX: (818) 798-7373
 BY: *Laura S. Miller*
 REG. C.E. NO. 45069 EXP. 8-30-2000

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND	2008-0
MINIMUM PUBLIC SAFETY REQUIREMENTS	4008-0
BRICK MANHOLE	2013-0
RECTANGULAR MANHOLE FRAME & COVERS	2014-0
STANDARD MANHOLE STEP	2015-0
BEDDING FOR SEWER PIPE	2021-0
CRADLING AND ENCASEMENT	2022-0
WYE OR TEE SUPPORT	2023-0
WIRE ON TEE SUPPORT	2024-0
ALLOWABLE TRENCH WIDTHS	2027-0
LOCKING MANHOLE FRAME AND COVER	2028-0
NON-REINFORCED PRECAST CONCRETE MANHOLE	2091-0
BREAK INTO EXISTING MANHOLE	2028-0
SPECIAL HOUSE LATERALS	2222-0
EROSION PROTECTION IN STEEP SLOPES	2028-0
ANCHOR BLOCKS	2221-0
SHALLOW MANHOLES	2211-0

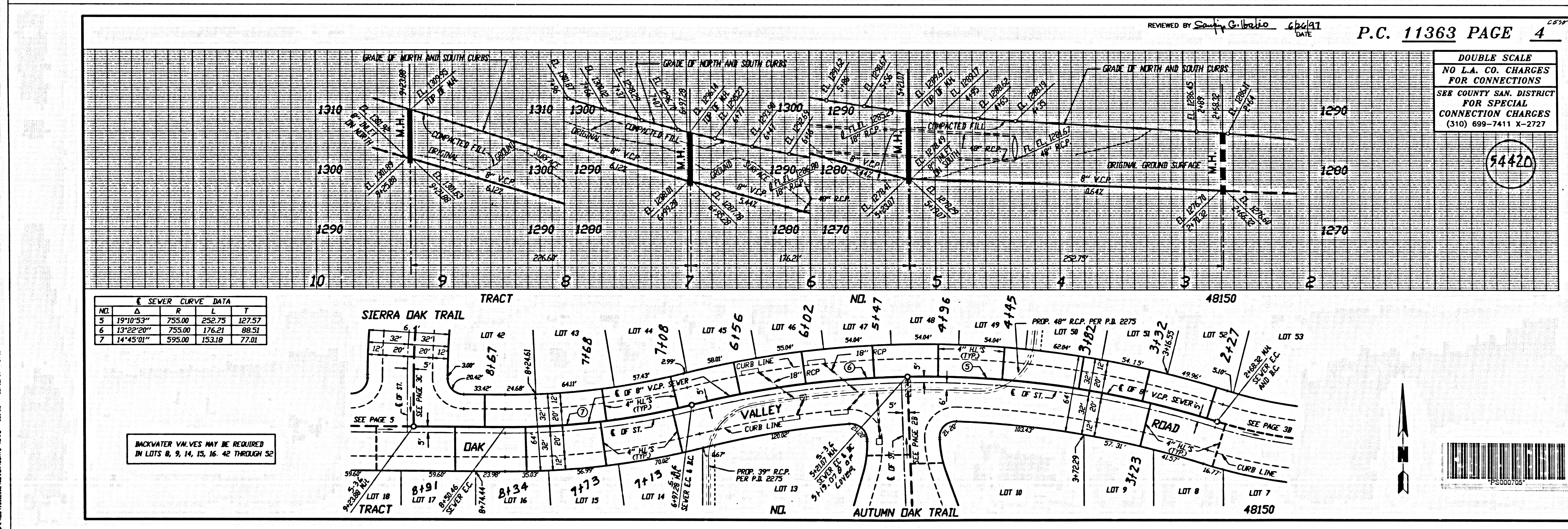
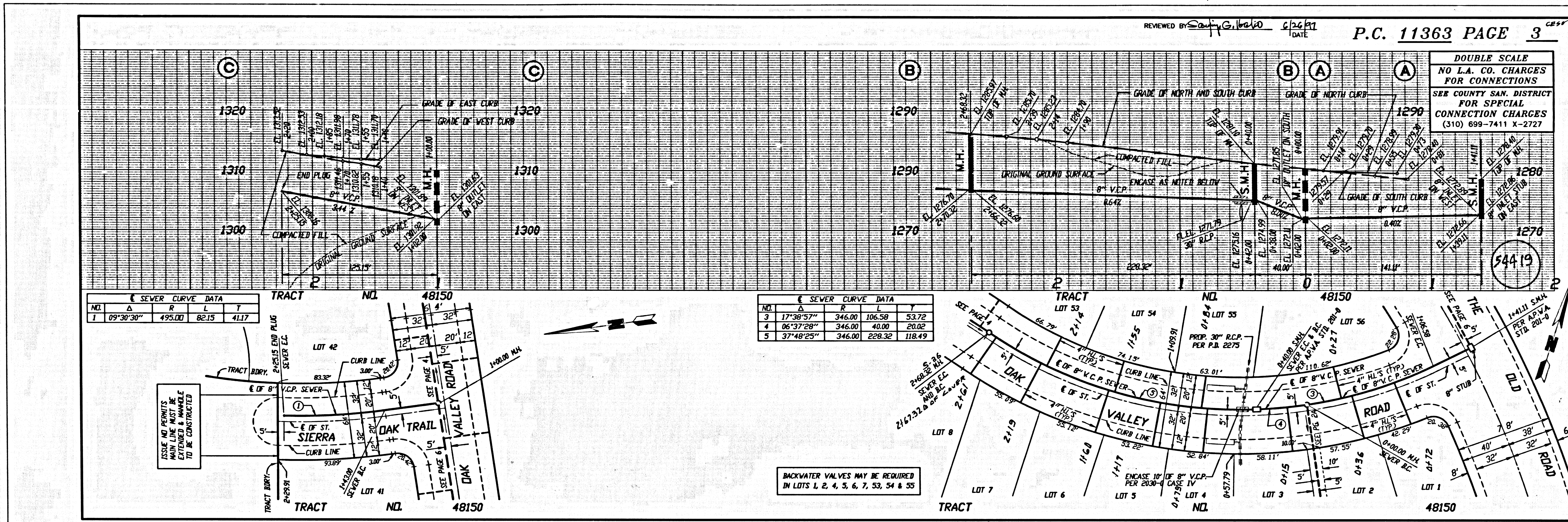
COUNTY OF LOS ANGELES, CALIFORNIA
 HARRY W. STONE
 DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY
 CHIEF ENGINEER
 CO. SAN. DIST. NO. 32

APPROVED *Randall M. Bin* 6/26/97 (DATE)
 APPROVED *Charles W. Carry* 6/26/97 (DATE)
 CHECKED *Phil D. ...* 6/26/97 (DATE)
 REG. C.E. NO. 45581
 SANTA CLARITA VALLEY BLDG. DIST. 8.2



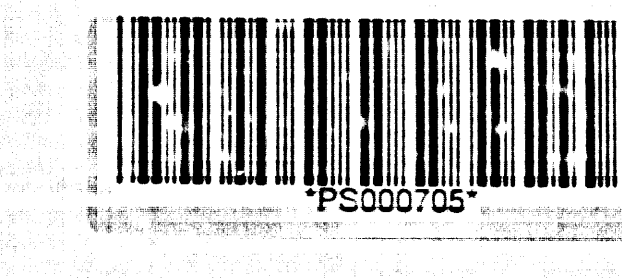
REVIEWED BY *Sandy A. ...* 6/26/97 DATE
 P.C. 11363 PAGE 2
 DOUBLE SCALE
 NO L.A. CO. CHARGES FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
 (310) 699-7411 X-2727
 54418

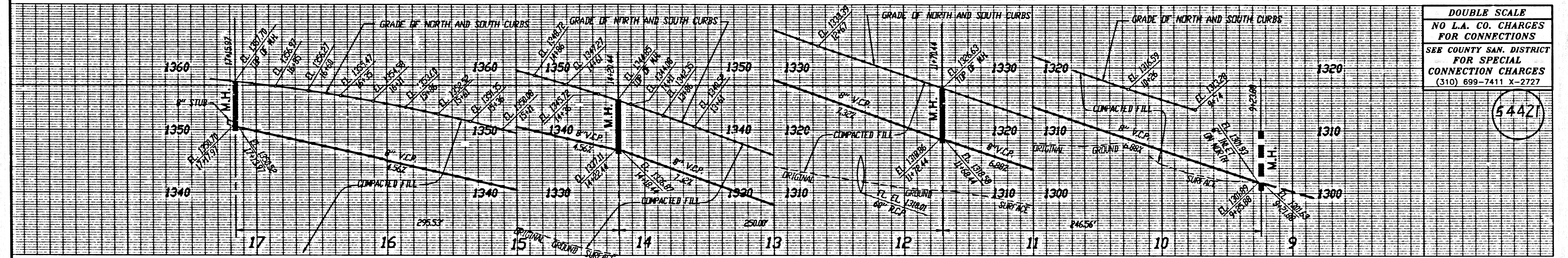
TRACT NO. 48150
 PRIVATE CONTRACT NO. 11363



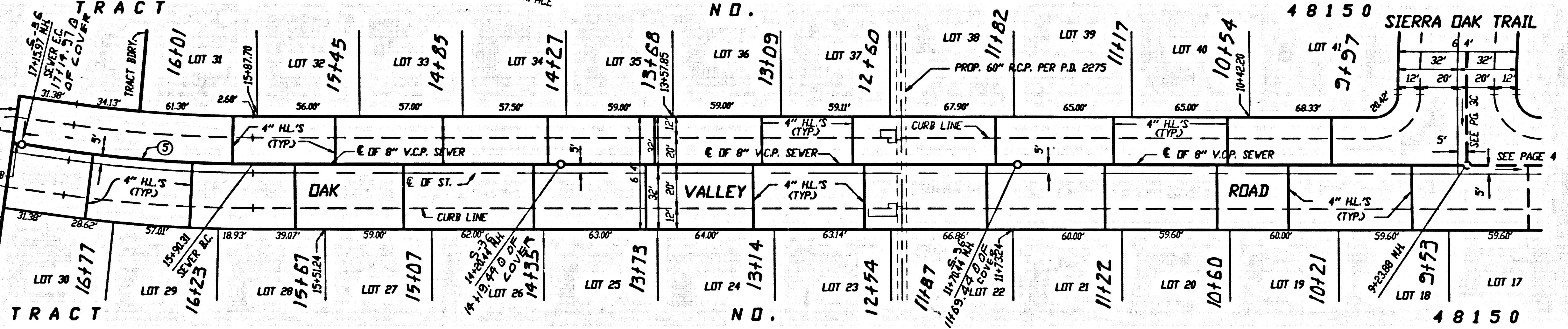
S 30317.C.9 02184.ON.PT

L:\PROJECTS\11363\11363-04\11363-04.dwg 6/26/11 1:41





NO.	Δ	R	L	T
5	8°11'06"	695.00'	99.29'	49.73'

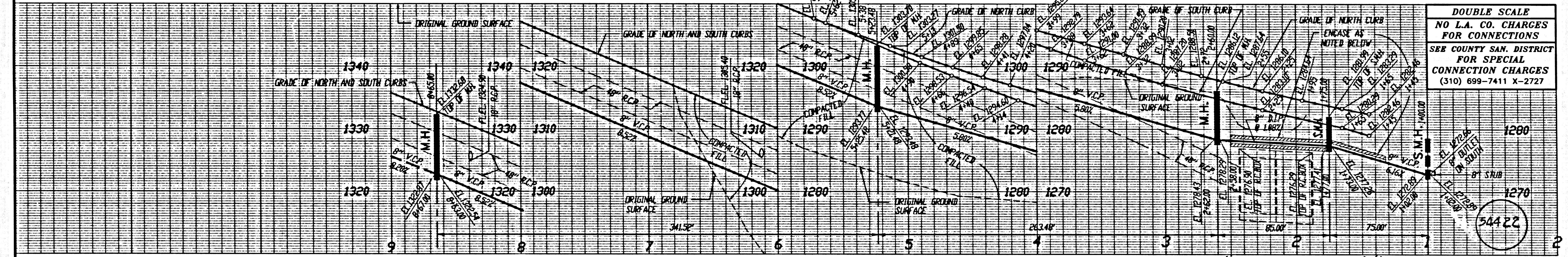


DOUBLE SCALE
NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES
(310) 699-7411 X-2727

54421



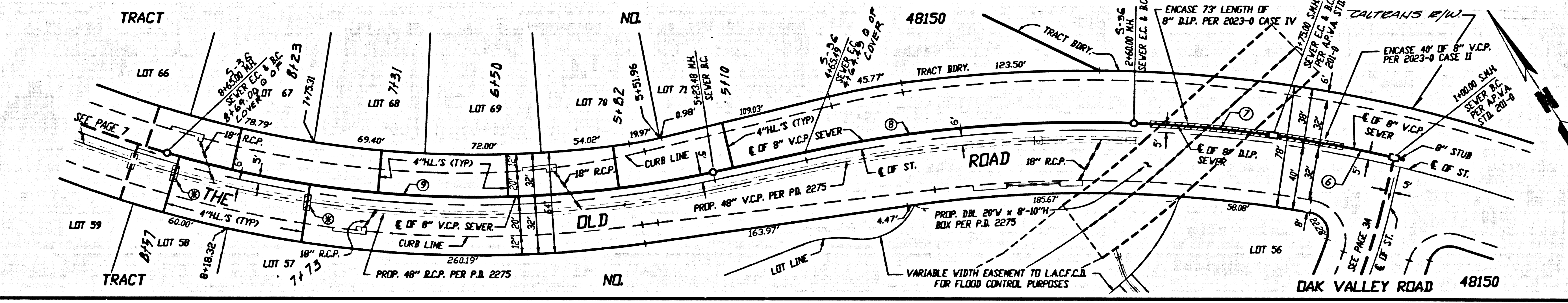
BACKWATER VALVES MAY BE REQUIRED
IN LOTS 18 THROUGH 25, 31 THROUGH 41



NO.	Δ	R	L	T
6	05°20'17"	805.00'	75.00'	37.53'
7	06°00'00"	805.00'	85.00'	42.54'
8	14°23'23"	805.00'	295.49'	103.31'
9	29°12'20"	670.00'	341.52'	174.56'

BACKWATER VALVES MAY BE REQUIRED
IN LOTS 57, 58, 67 THROUGH 70

ENCASE 10' OF 4" H.L.'S PER 2003-0 CASE II



DOUBLE SCALE
NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES
(310) 699-7411 X-2727

54422



3

38217 09 02184 01 FT

JANUARY 1992

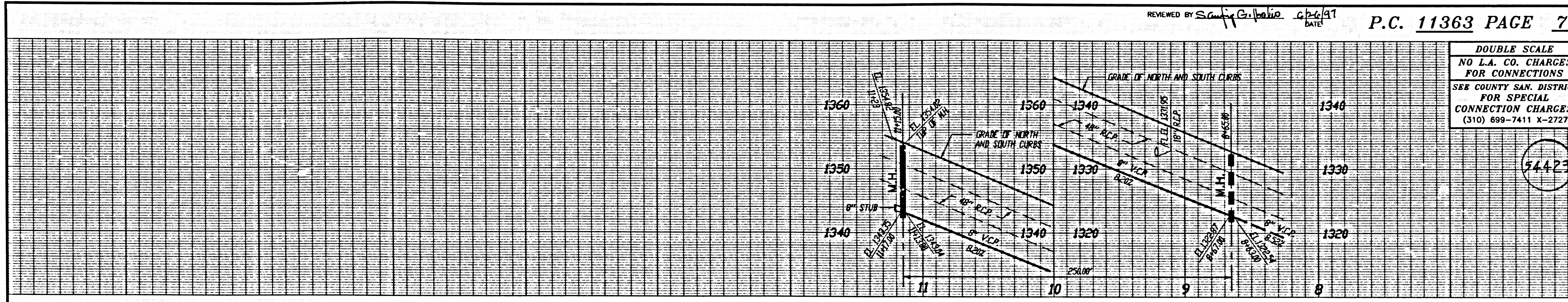
REVIEWED BY *Samuel Gillette* *02/01/21*
DATE

P.C. 11363 PAGE 7

CSP

DOUBLE SCALE
NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES
(310) 699-7411 X-2727

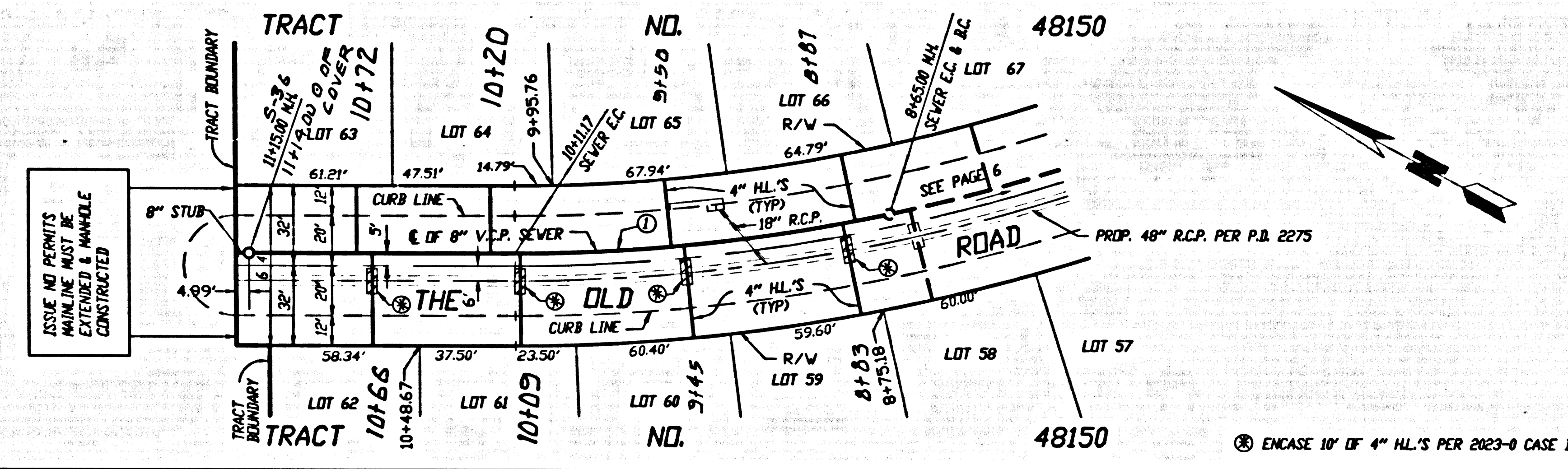
44423



SEWER CURVE DATA

NO.	Δ	R	L	T
1	12°29'59"	670.00'	146.17'	73.38'

BACKWATER VALVES MAY BE REQUIRED
IN LOTS 59 THROUGH 66



ENCASE 18" OF 4" HL'S PER 2023-0 CASE II

4
EASELT .C.P. 02184 .OM .PT
48150

J:\P\11363\02184\02184.dwg 08/07/21



113
114
115