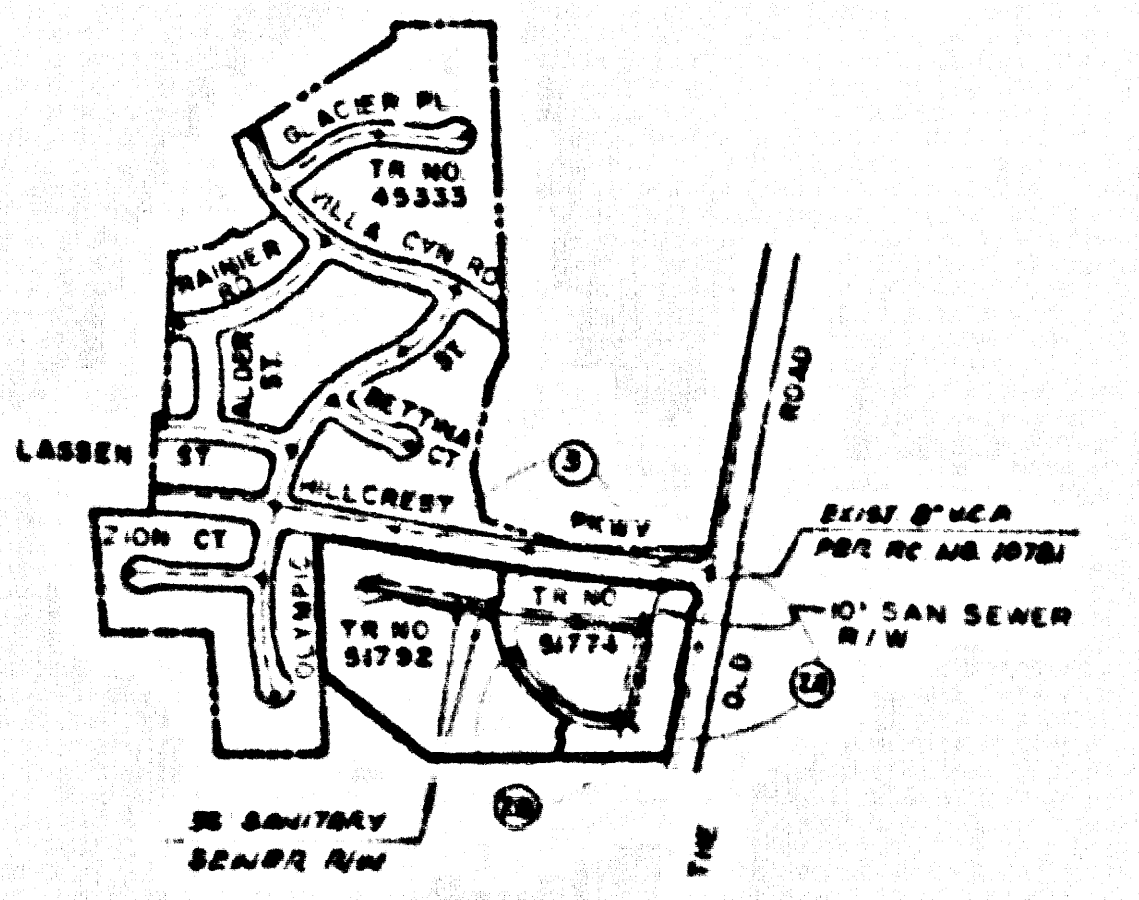


91M CL 3983 ELEV 1092.425
 RBOM TAG IN CB 14FT E/C/L THE OLD
 ROAD & 14 MI NLY HASLEY C/R RD
 OFF RAMP 134FT SE PP 6167271C
 NEWHALL QUAD 1983



NOTE
 1. NUMBERS IN CIRCLES
 INDICATE PIPE NUMBERS

INDEX MAP
 TR NO. 51774, 51792
 PC NO. 11275
 SCALE: 1" = 600'
 T.G. PG. 123.E-2

DOUBLE SCALE

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN ON THESE PLANS ARE DEEMED BY A REVIEW 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 DUE 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 1-800-622-4133 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

Randy A. Quad
 RAY P. QUAD RCE NO. 9175

GENERAL NOTES:

1. ALL DIMENSIONS ARE FEET UNLESS OTHERWISE NOTED.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS SHALL SURVEY OR LOCATE ANY PORTION OF THE WORK.
4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURVES CAN BE OBTAINED FROM THE LIST OF ALL GRADES UNDER THE CURVE. ELEVATIONS AT ALL POINTS ON THE PROFILE OF CHANGED PLANTS THE GRADE SHALL BE ESTABLISHED IN ACCORDANCE WITH THE GRADE POINTS LISTED ON THE PROFILE.
5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADING SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 10' OF 8" MANHOLES AND 10' OF 6" VCP FOR THE HOUSE LATERALS. STATIONING SHALL BE FROM THE BEGINNING OF THE HOUSE LATERAL TO THE POINT OF BEGINNING OF THE HOUSE LATERAL. THE HOUSE LATERAL SHALL BE FROM THE HOUSE LATERAL TO THE POINT OF BEGINNING OF THE HOUSE LATERAL TO THE POINT OF BEGINNING OF THE HOUSE LATERAL.
6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH THAT THE PROFILES ARE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS AND PAY FEE TO THE DIRECTOR OF PUBLIC WORKS. NO 1/2" DRAINAGE SIZE, ALUMINUM CALIBRATED 8700 - 8700 PAVEMENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. A PERMIT TO EXCAVATE IN COUNTY STREETS IS NOT OBTAINABLE FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS 120 SOUTH SPRING STREET LOS ANGELES CALIFORNIA.
9. 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 ALIEN STATUS OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL SHEETS.
10. REFER TO SECTION 704.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY CAUTIONS.
11. PRIOR TO THE START OF THE WORK, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS. A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS IS NOT OBTAINABLE FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS 120 SOUTH SPRING STREET LOS ANGELES CALIFORNIA. A PERMIT TO EXCAVATE IN COUNTY STREETS IS NOT OBTAINABLE FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS 120 SOUTH SPRING STREET LOS ANGELES CALIFORNIA.

CONSTRUCTION NOTES:

1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ALL WORK CONSTRUCTION AND DEPARTMENT OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978 AND SHALL BE PROVIDED ONLY IN THE PRESENCE OF THE SUPERVISOR OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 410-880-1100 AT LEAST TWENTY FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS SHALL BE CONSTRUCTED WITH A 1/8" PER FOOT TO THE EDGE OF R/W LINES EXCEPT AS NOTED.
4. PIPE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLES EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE 6" THICK UNLESS OTHERWISE NOTED PER SECTION 702.1. PRECAST CONCRETE SEWER MANHOLES PER B-32 EXCEPT AS NOTED.
6. PROTECT STAKES ON THE PROPERTY LINE AND PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE PROPERTY LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED AREAS SHALL BE SIX INCHES ABOVE FINISHED GRADE.
8. WITHELD CLAY PIPE JOINTS SHALL BE THE USE OF B-32 PER STANDARD SPECIFICATIONS SECTION 702.2.
9. A 1/8" PER FOOT TO THE THREE FEET OF THE SEWER THE SEWER SHALL BE FACED PER B-32 CASE 11. TWO FEET EACH SIDE FROM THE POINT OF INTERFERENCE.
10. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL, 12" OF SEWER WHICH IS NOT INDICATED ON THE PLANS THE PIPE SHALL BE ENCASED PER B-32 CASE 11 UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHELD CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT TYPE "C" OR "D" WITH BUSHING AS NECESSARY PER STANDARD SPECIFICATIONS SECTION 702.2.
12. REFER TO THE NOTES FOR CHANGE PER SECTION 702.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. INSURANCE ALL PREMISES WITHIN PAYEE AREA TO BEST LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PLANS.
14. FULL COMPLIANCE WITH SECTION 702.1 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREET CUTTINGS FOR MANHOLES, CONNECTIONS AND BRANCHES. BACKFILL SHALL BE PLACED TO THE TOP OF THE CURB OR TO THE TOP OF THE MANHOLE. SPECIAL BACKFILL REQUIREMENTS FOR SPECIAL PROVISIONS SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF ANALYSIS.
15. SPECIAL BACKFILL REQUIREMENTS FOR SPECIAL PROVISIONS SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF ANALYSIS. SPECIAL BACKFILL REQUIREMENTS FOR SPECIAL PROVISIONS SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF ANALYSIS. SPECIAL BACKFILL REQUIREMENTS FOR SPECIAL PROVISIONS SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF ANALYSIS.

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) 264-4483 SO THAT REQUIRED INSPECTION CAN BE MADE.

PROFILE ALIGNMENT AND GRADE OF
 PAGE 1

SANITARY SEWERS

TO BE CONSTRUCTED IN
 TRACT NO. 51774, 51792

PRIVATE CONTRACT NO. 11275
 INDEX 1215
 2 SHEETS, 3 PAGES

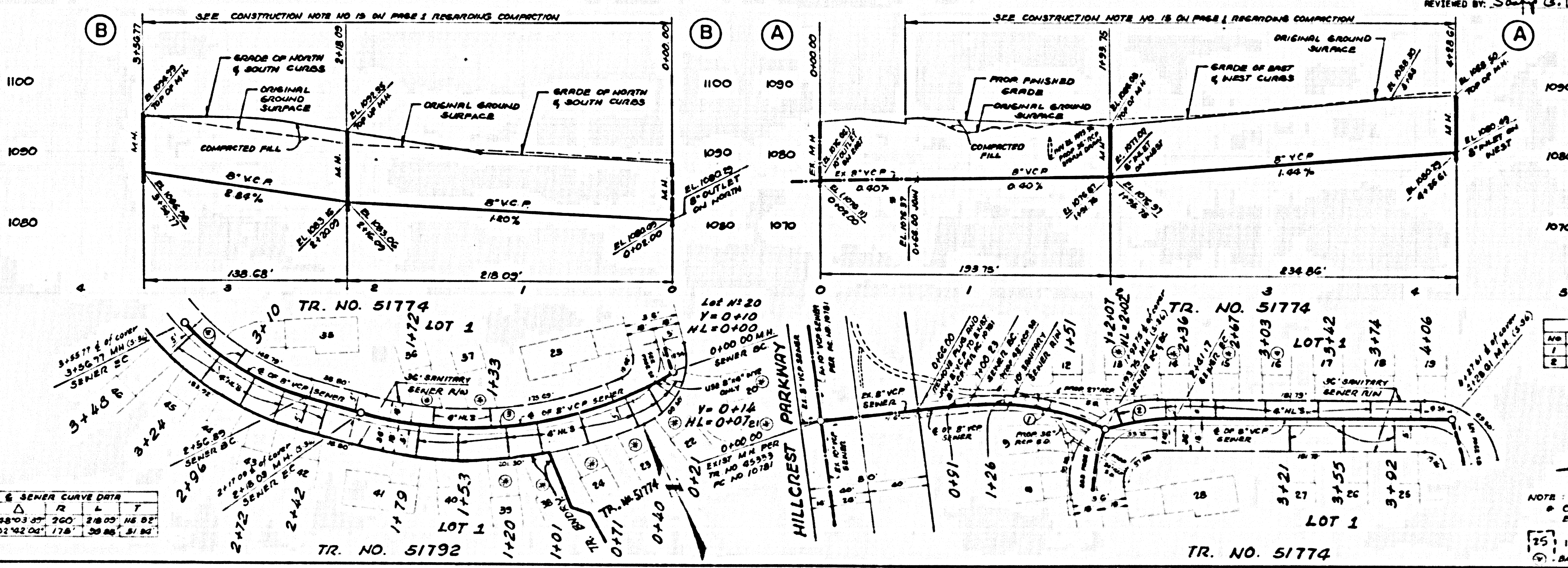
SCALE: 1" = 60' MAR. 1974 53814

PREPARED IN THE OFFICES OF
B & E ENGINEERS
 833 COLORADO BLVD. SUITE 212
 LOS ANGELES, CALIF. 90001-0217
 BY: TERRY L. QUAD
 P.E. NO. 9175

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

LEGEND	
STANDARD SPECIFICATIONS	7-1
DEPARTMENT OF PUBLIC WORKS REQUIREMENTS	7-2
MANHOLES	7-3
STANDARD MANHOLE SIZES	7-4
BRICKWORK FOR SEWER PIPE	7-5
CRACKING AND REPAIRMENT	7-6
PIPE OR THE SUPPLY	7-7
ALLOWABLE TRENCH WIDTHS	7-8
LOCKING MANHOLE FRAME AND COVER	7-9
NO. 12 MANHOLE FRAME AND COVER	7-10
SPECIAL HOUSE LATERALS	7-11

COUNTY OF LOS ANGELES, CALIFORNIA
 HARRY STONE, ACTING DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER
 CO SAN DIST NO. 32
 APPROVED: *Terry L. Quad* 4/10/74 APPROVED: *Charles W. Carry*
 CHECKED: *Thomas Hoffmann* 4/10/74
 NO. CE NO. 20713
 SANTA CLARITA VALLEY, BLDG DIST. 8.2



SEWER CURVE DATA

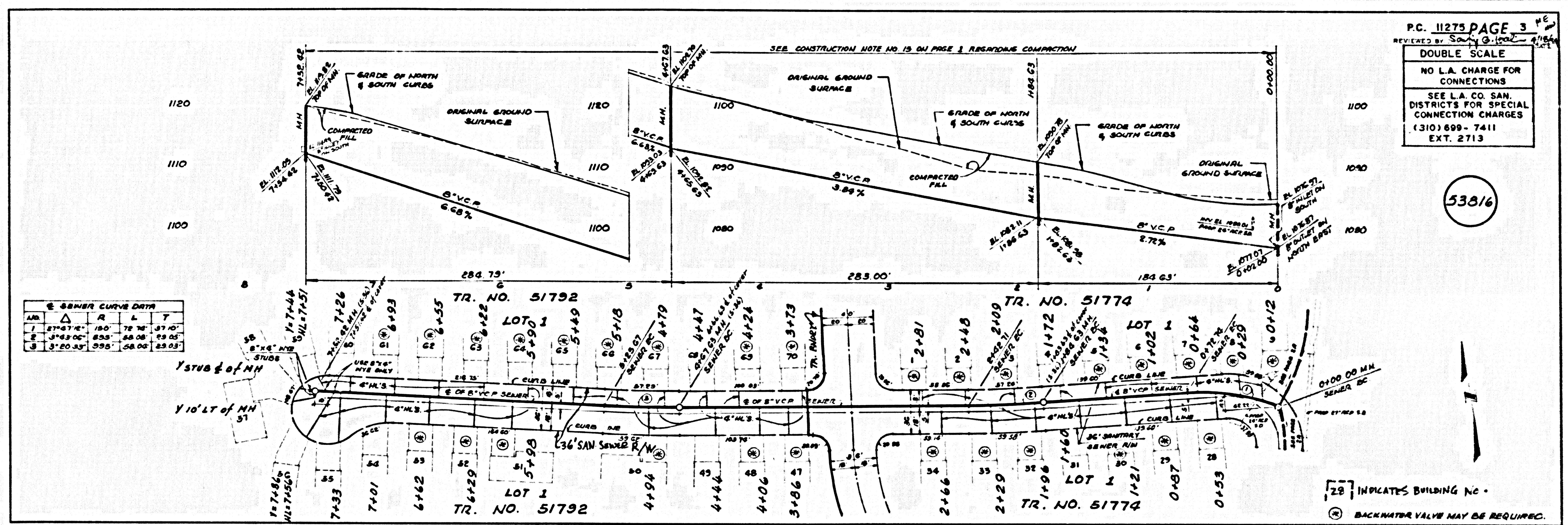
NO.	Δ	R	L	T
1	48°03'07"	760'	218°00'	16 02'
2	32°42'04"	178'	30 00'	31 01'

SEWER CURVE DATA

NO.	Δ	R	L	T
1	33°43'27"	150'	21 02'	48 04'
2	18°06'00"	150'	67 42'	23 01'

NOTE:
 1. CONTRACTOR TO VERIFY EXACT ELEVATION DURING CONSTRUCTION.
 2. INDICATES BRINKING NO.
 3. BACKFILL SHALL BE PER B-32 PER PLANS.

1
 6C 11511 29



5
 BC 11512 29