

TO BE CONSTRUCTED IN
TRACT N° 34144
PRIVATE CONTRACT NO. 9702

49118

W.S. 62
3 SHEETS, 6 PAGES
SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'
DATE: July 1970
PREPARED IN THE OFFICES OF
LIND & HILLERUD, INC.
3000 S. UNIVERSITY BLVD.
SAN MARINO, CA 91088
BY: [Signature]
REG. C. E. NO. 12233

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

LEGEND	1-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	1-2
BACK MANHOLE	1-3
STANDARD MANHOLE STEP	1-4
BRICKWORK FOR SEWER PIPE	1-5
CHASING AND ENCASING	1-6
WYE ON THE SURFACE	1-7
ALLOWABLE TRENCH WIDTHS	1-8
SOCKING MANHOLE FRAMES AND COVERS	1-9
NON-ANCHORED PRECAST CONCRETE MANHOLE	1-10

COUNTY OF LOS ANGELES, CALIFORNIA
STEPHEN J. MOORE, COUNTY ENGINEER
APPROVED: [Signature] 8/5/70
CHECKED: [Signature] 8/11/70
DATE: 8/11/70
SANTA CLARITA VALLEY BLDG. DIST. 2, 30

- GENERAL NOTES:**
- ELEVATIONS ARE IN FEET ABOVE M.S.L. & U.S. SEA LEVEL DATUM OF 1929.
 - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 - NO REPRESENTATIVE OF THE COUNTY ENGINEER 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 ON 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 COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 15" BRANCHES AND SHALL MOVE THESE FOR THEM AT THEIR PROPER LOCATION 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 OFFSET AT THE PROPERTY LINE 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 L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 5, AND PAY A FEE TO THE COUNTY ENGINEER, 550 S. VENTURA BLVD., LOS ANGELES, 9, 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, 138 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
 - APPROVAL OF THESE PLANS 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 718.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SANITARY DRAINAGE.
 - BEFORE THE WORK BEGINS ON THE RECOMMENDED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN & FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES CO. RD. DEPT., A PERMIT FOR EXCAVATION & TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY & CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPT. OF COUNTY ENGINEER, 650 S. VENTURA BLVD., LOS ANGELES, CALIFORNIA, 9, PLANNED AS PER CERTIFICATE HOLDERS 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 (SECTION 718.4.1) WITH (FOR SUBMITTALS) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 11/15/65. ALL WORK SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION (22730-2156) AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH BRANCHES AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - WYES ON THE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-3A, EXCEPT AS NOTED.
 - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PROXIMATE AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 - MANHOLE TONS IN UNIMPROVED RIGHTS OF WAY TO BE 50 TONS ABOVE FINISHED GRADE.
 - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 308-1.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, CASE 2, TWO FEET ON EACH SIDE FROM THE RIGHT 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 S-23, CASE 2 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - ALL JOINTS BETWEEN CLAY PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SEWER JOINT, TYPE "C" OR "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 308-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.10 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FULL COMPLIANCE WITH SECTION 308-1.10 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

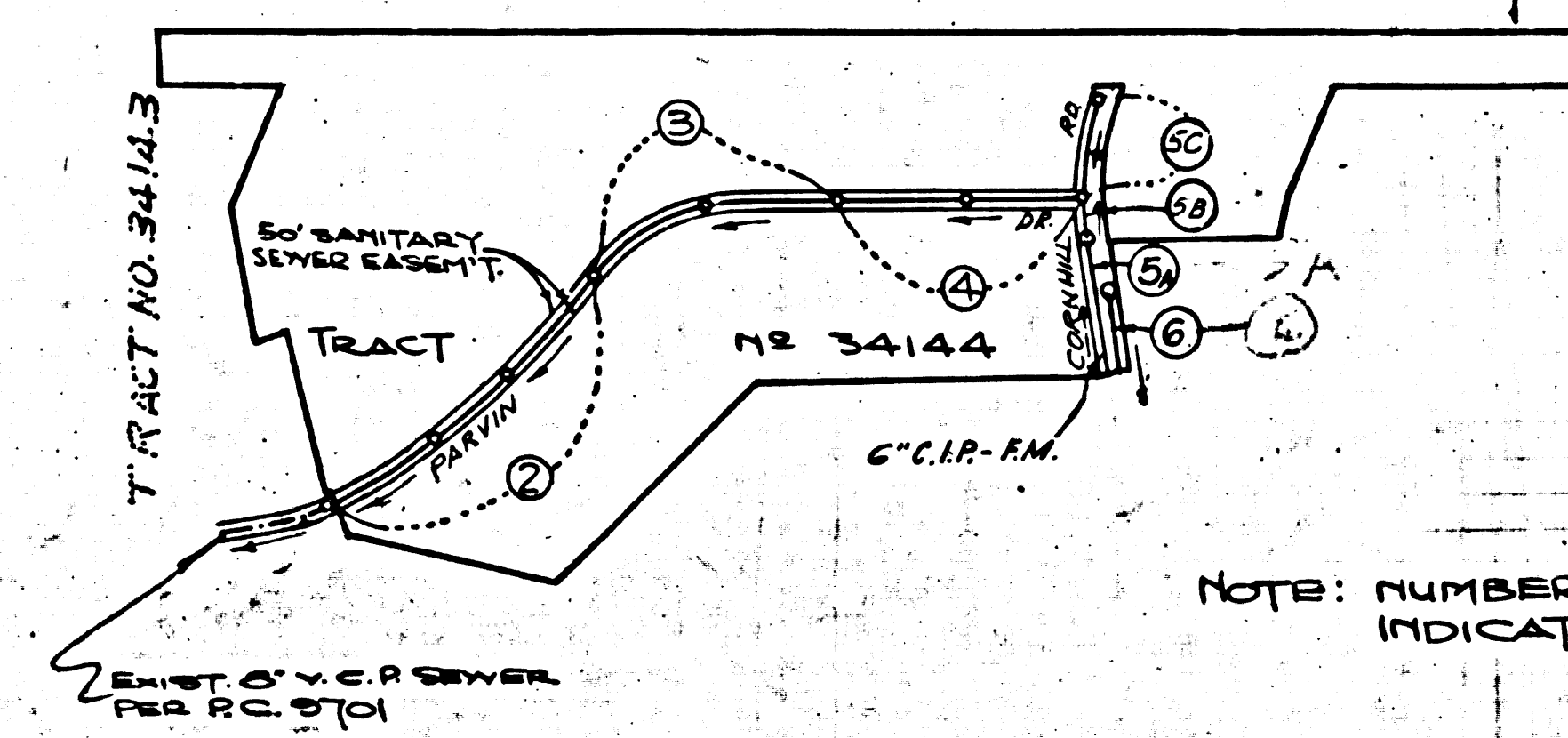
PRIVATE ENGINEERS NOTICE TO CONTRACTORS

The existence and location of any underground utility pipes or structures shown on these plans are obtained by 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 due precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.

[Signature]
Registered Engineer R.C.E. 12233

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL RELEASE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE 767-1225 SO THAT REQUIRED INSPECTION CAN BE MADE.

B.M. CL 604 ELEV. 1242.255
R.D.M. TAG N CD 14th ST 1 FT
W BCR 10 FT N C/L + 81 FT
W/C/L SAN FERNANDO RD
NEWMALL QUAD. 1978

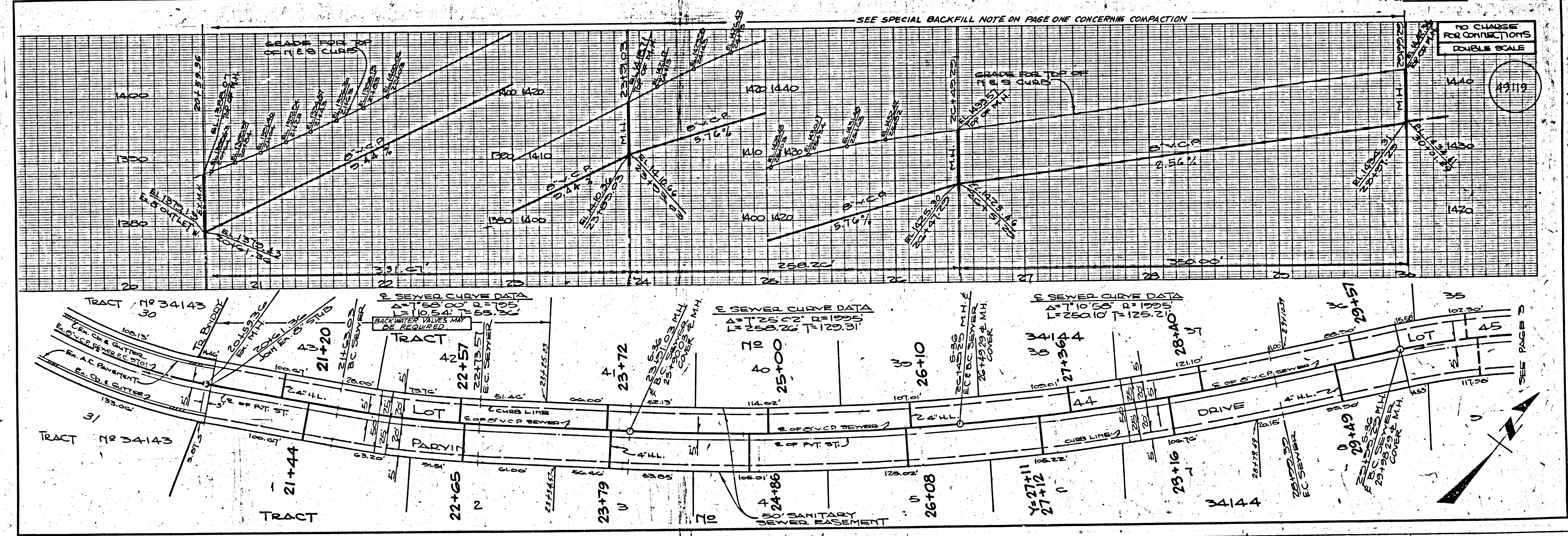


INDEX MAP
TRACT NO 34144
P.C. 9702
SCALE: 1"=600'

- SPECIAL BACKFILL IN EASEMENT CONSTRUCTION:**
- BACKFILL TRENCH & REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES & SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE BLDG. & SAFETY DIVISION.
 - ALL BACKFILL & EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER ASTM STD. METHOD OF TEST D-1556-57 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWER MAIN OR THESE BRANCHES UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICT FOR SAID CONNECTION.

ISSUE NO PERMITS UNTIL
OUTLET P.C. 9701 IS ACCEPTED

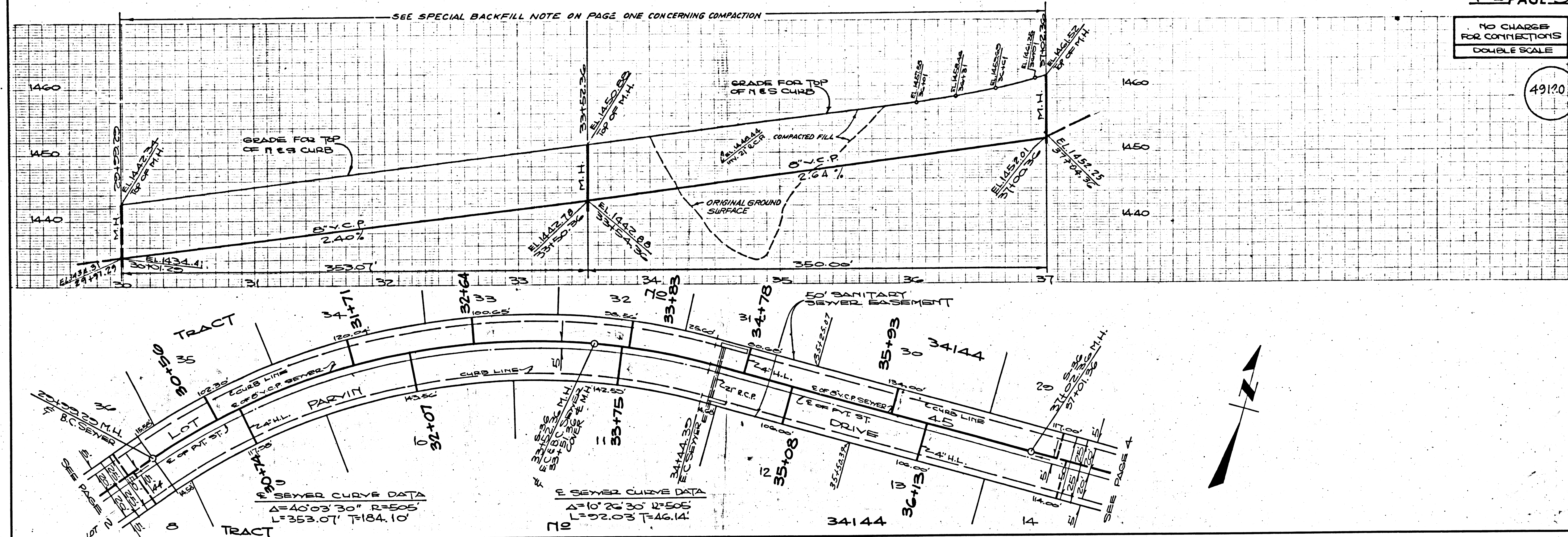


P.C. 9702

SOPE BC 34144 SAN TRACT

NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

49120



NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

49121

