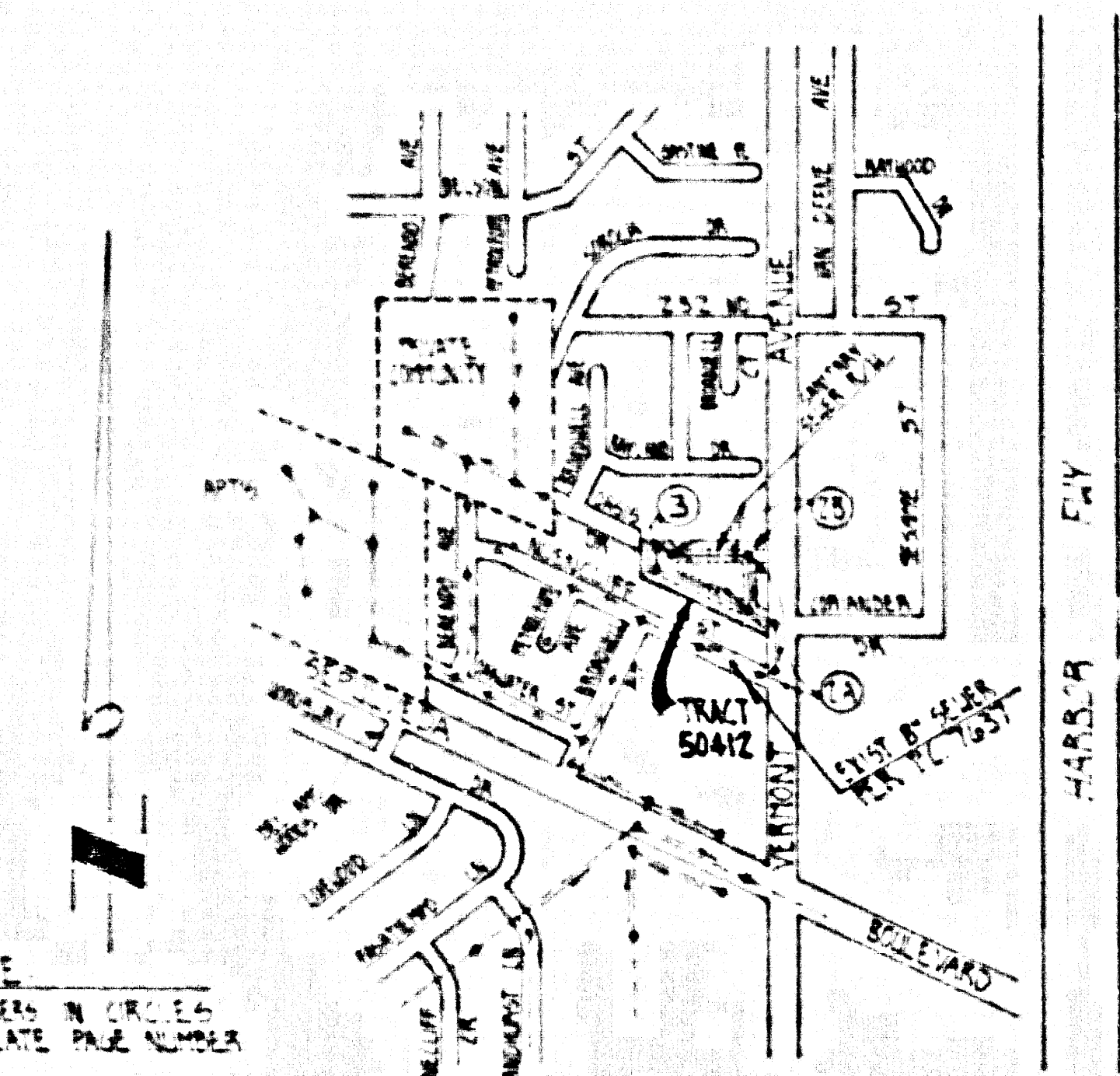


S.M.C. 10.03 ELEV. 25.605  
 ROOM T&B NCD 517 E/O BLD. 40 FT  
 N/O C/L SEPULVEDA BLVD & 67 FT  
 E/O C/L VERMONT AVE  
 GARDENA QUAD. 1980



INDEX MAP  
 UNINCORPORATED LOS ANGELES COUNTY  
 P.C. 11225 TR. NO. 50412  
 SCALE: 1" = 400'  
 THOMAS & TIDE MANSON

**NOTIFY UNDERGROUND SERVICE ALERT (USA)  
 2 DAYS PRIOR TO STARTING WORK  
 1-800-472-4133**

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 (310) 638-1161 SO THAT REQUIRED INSPECTION CAN BE MADE.

**GENERAL NOTES:**

- A PERMIT FOR CONSTRUCTION SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE PERMITS CENTER AND SOUTH PACIFIC AVENUE, 15TH FLOOR, ROOM 1510, LOS ANGELES, CALIFORNIA 90012. PERMITS SHALL BE OBTAINED PRIOR TO STARTING WORK UNDER THIS CONTRACT. COPIES OF ALL OTHER REQUIRED PERMITS SHALL BE SUBMITTED TO THE PERMITS CENTER WITH THE PERMIT APPLICATION.
- PRIOR TO RECEIVING ANY PERMIT THE CONTRACTOR SHALL FILE A PLAN FOR EXCAVATION AND PROTECTIVE FROM THE STATE OF CALIFORNIA CIVILIAN SAFETY AND CERTIFICATE OF LIABILITY INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS. PERMITS SHALL BE OBTAINED PRIOR TO STARTING WORK UNDER THIS CONTRACT.
- IF WORK IS TO BE 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.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR CONTACT THE DIRECTOR OF PUBLIC WORKS OF THIS CITY TO OBTAIN THE LOCATION TO PAY THE INSPECTION FEE.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE APPLICATION FOR CONSTRUCTION PERMIT TO OBTAIN FOR AN ACCEPTABLE CONSTRUCTION START DATE AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (310) 638-1161 AT LEAST THIRTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO ACCURACY OF THE LOCATION OF UTILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF UTILITIES BY THE USE OF THE PROPER METHODS.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1984 EDITION, INCLUDING SUPPLEMENTS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, DATED JULY 31, 1988 AND SHALL BE PROTECTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 4.04 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. THIS IS RELATED TO SAFETY SIGNALS AND SHALL COMPLY TO THE SIGN AND PUBLIC SAFETY REQUIREMENTS AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD PLAN 211.
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1985.
- 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 SHALL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- UNLESS OTHERWISE SPECIFIED, ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1984 EDITION, INCLUDING SUPPLEMENTS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, DATED JULY 31, 1988 AND SHALL BE PROTECTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH THE GRADING SHEETS AND ELEVATIONS FOR ALL HOUSE LATERALS AND BRANCHES AND SHALL PROVIDE STAKES FOR THE HOUSE LATERALS AND BRANCHES. ALL HOUSE LATERALS SHALL BE CONSTRUCTED AS A STRAIGHT ALIGNMENT AT RIGHT ANGLES TO THE MAIN LINE SEWER. ANY LATERALS OR BRANCHES SHALL BE REQUESTED BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOUSE LATERAL AND BRANCH.

**CONSTRUCTION NOTES:**

- PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
- ATTENDED CLEAR AND OPEN SHALL BE THE 10' OR 12' PER STANDARD SPECIFICATIONS SECTION 200.2.
- IF A HOUSE LATERAL IS OTHER THAN PART OF THE SEWER THE SEWER SHALL BE ENCASED PER STANDARD PLAN 502 CASE A TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- ALL JOINTS BETWEEN CAST IRON PIPE AND ATTENDED CLEAR PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT TYPE 10" WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200.2.
- HOUSE LATERALS TO BE CONSTRUCTED WITH HUBBETS AT THE 1/4" LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- PIPE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO 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 BRANCH, THE HOUSE LATERAL SHALL BE ENCASED PER STANDARD PLAN 502 CASE A UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL STRUCTURES SHALL BE EITHER BRICK OR REINFORCED PRECAST CONCRETE PER STANDARD PLAN 502 EXCEPT AS NOTED.
- REPLACE ALL FRENCHES IN THIS PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS AS ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL MANHOLES AND PIPES OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD SPECIFICATIONS. ALL OTHER AREAS SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD SPECIFICATIONS. ALL AREAS SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD SPECIFICATIONS. ALL AREAS SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD SPECIFICATIONS.
- ALL MANHOLE TOPS OR APPROVED RIGHTS OF WAY TO BE LEVEL WITH FINISHED GRADE.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

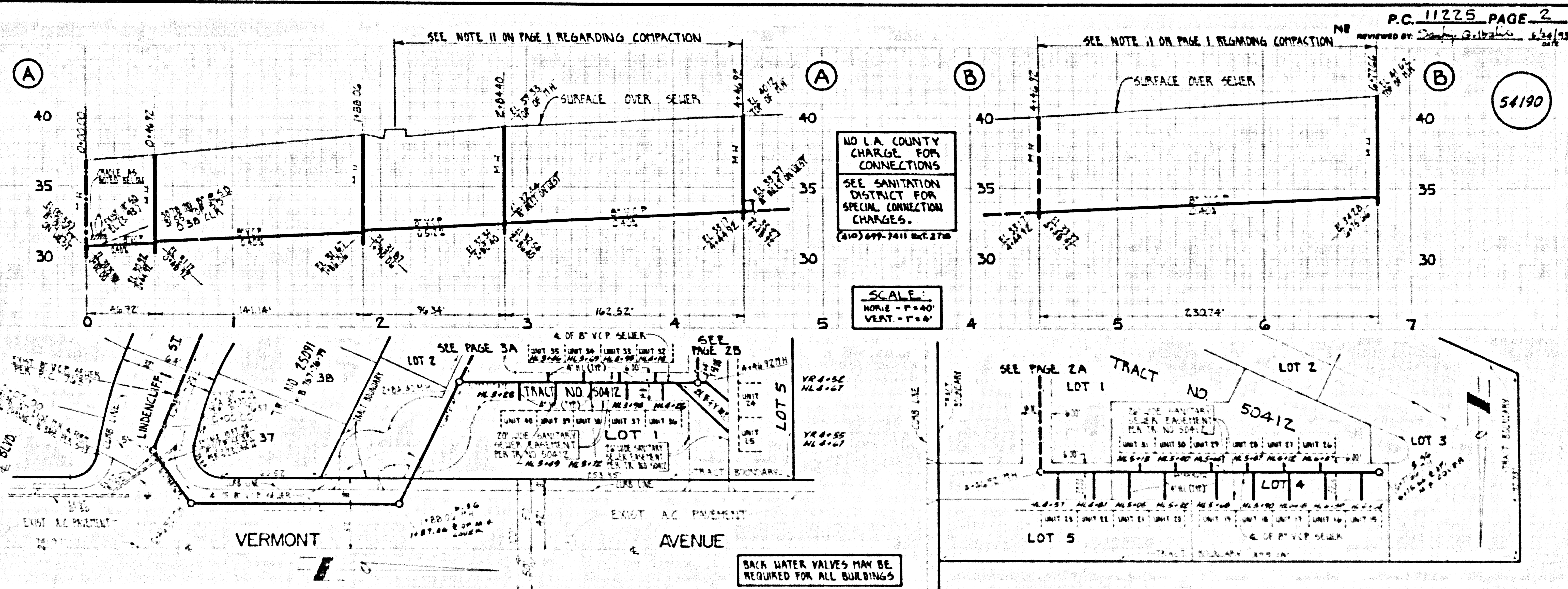
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**TR. NO. 50412**  
 UNINCORPORATED TERRITORY  
**PRIVATE CONTRACT NO. 11225**  
**INDEX 1706**  
**2 SHEETS, 3 PAGES**

SCALE: HORIZ. 1" = 40' VERT. 1" = 4'  
 AUG. 1972  
 PREPARED IN THE OFFICES OF  
 THOMAS & TIDE MANSON - 14933 VINE BL. 9000 - GARDENA, CA 90248  
 TEL. NO. (310) 916-2276  
 BY: *Thomas & Tide Manson*  
 REG. C.E. NO. 80753

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:

LEAD PIPE	5-7
NEW 12" PUBLIC SAFETY REQUIREMENTS	5-7
BRICK MANHOLE	5-7
REINFORCED PRECAST CONCRETE MANHOLE	5-7
STANDARD MANHOLE STEP	5-7
RECORDS FOR SEWER PIPE	5-7
CALCULATED ENCASUREMENT	5-7
PIPE OR THE LATERAL	5-7
ADJUSTABLE FRENCH WIDTHS	5-7
LOCKING MANHOLE FRAME AND COVER	5-7
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-7
BALANCE INTO EXISTING MANHOLE	5-7

AN UNINCORPORATED TERRITORY IN THE  
 COUNTY OF LOS ANGELES, CALIFORNIA  
 THOMAS & TIDE MANSON  
 DIRECTOR OF PUBLIC WORKS  
 CHARLES W. CARRY  
 CHIEF ENGINEER  
 CO. SAN. DIST. NO. 12  
 APPROVED: *Charles W. Carry*  
 CHECKED: *Tom Hoffman* 6/28/73  
 REG. C.E. NO. 32973  
**LOMITA** - BLOCK DIST. 12

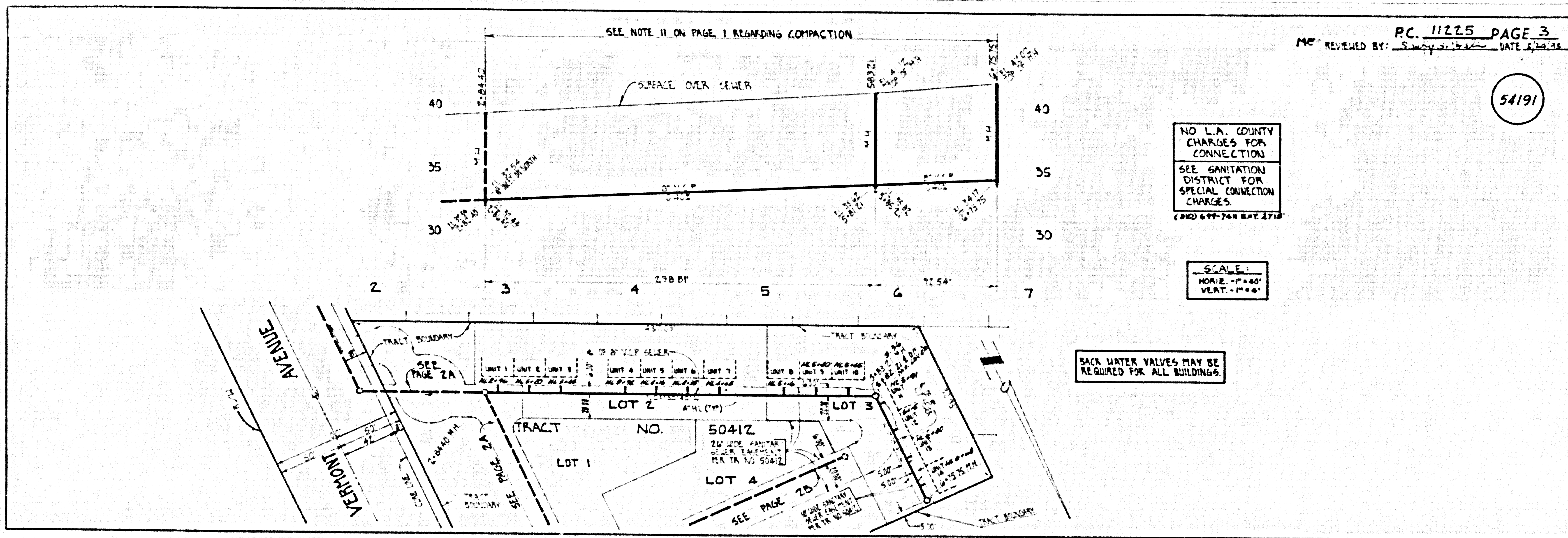


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SEE NOTE 11 ON PAGE 1 REGARDING COMPACTION

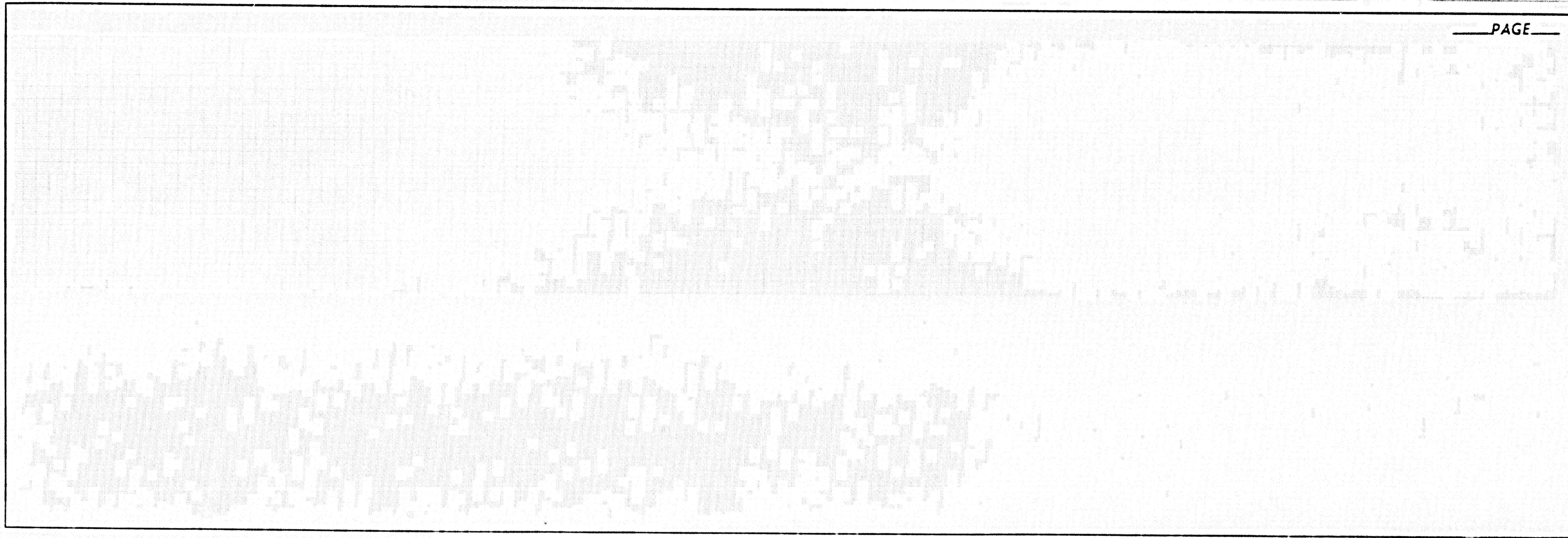
PC. 11225 PAGE 3  
 REVISED BY: *S. J. [unclear]* DATE: 6/29/34

54191

NO L.A. COUNTY CHARGES FOR CONNECTION  
 SEE SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES.  
 (202) 699-748 EXT. 2718

SCALE:  
 HORIZ. - 1" = 40'  
 VERT. - 1" = 6'

SACK WATER VALVES MAY BE REQUIRED FOR ALL BUILDINGS.



PAGE

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ESSII 09 SIP02 ON RT