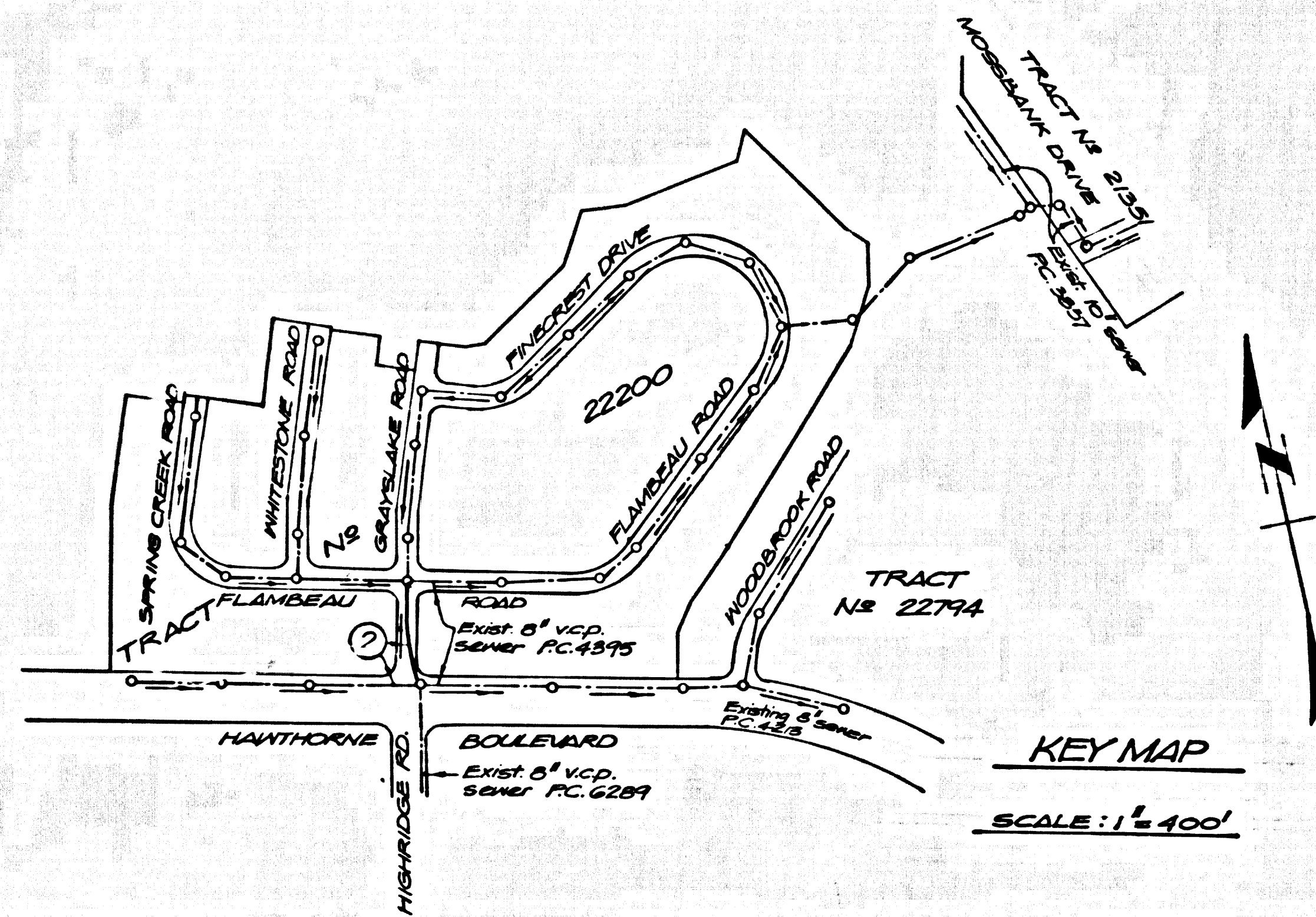


B.M. BY 4373 ELEV. 1091.010
 L & SPK IN TYPE 'B' ISLAND
 TRANSITION CB 41'± N E
 HAWTHORNE BLVD. 49'± E
 GRAYSLAKE RD.
 LA County Reg. Dist. QUAD. 19 US



- GENERAL NOTES:**
- 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 COUNTY ENGINEER.
 - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 - GRADES TO WHICH THE 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 "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS 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 DEPTH 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 SOLAR DEPT., DISTRICT OFFICE NO. 2, AND PAY A FEE TO THE COUNTY ENGINEER, 2153 E. Imperial Hwy., Downey, California or PABE VERDES, California City Regional Office, 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 HIGHWAY, 126 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 OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE NOTE APPLIES TO ALL PAGES.
 - REFER TO SECTION 7-16.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDEES.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN
 GRAYSLAKE ROAD
 BETWEEN
 HAWTHORNE BOULEVARD
 AND
 FLAMBEAU ROAD
PRIVATE CONTRACT NO. 8586
 W.S. 27
 1 SHEET, 2 PAGES
 SCALE: VERT. 1" = 5' HORIZ. 1" = 20' February, 1971
 PREPARED IN THE OFFICES OF
 George S. Joubert
 REG. C. E. No. 15737
 GEORGE S. JOURBERT

- CONSTRUCTION NOTES:**
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1970 EDITION) WITH SUPPLEMENT AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 7, 1970 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 8-6727, EXT. 81551, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - WYE OR TE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-3A, EXCEPT AS NOTED.
 - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 - MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "T", OR "C" PER STANDARD SPECIFICATIONS SECTION 308-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-25, CASE 2, TWO FEET ON EACH SIDE 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 INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 5-25, CASE 2, UNLESS OTHER PER APPROVED BY THE COUNTY ENGINEER.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "B", FIFTH BURNING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 308-2.
 - SEWES TO BE TESTED FOR LEAKAGE PER SECTION 502.2.7 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.
- County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 - 839-1181)
 Acceptance of the project.
- No connections for the disposal of industrial wastes shall be made to sewers shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

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

LEAKING	5-1
MINIMUM PUBLIC SAFETY ENCROACHMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-17
SHOULDER FOR SEWER PIPE	5-21
CRADLING AND ENCASING	5-22
WYE OR TE SUPPORT	5-26
ALLOWABLE TRENCH WIDTHS	5-28
LOCKING MANHOLE FRAME AND COVER	5-30
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-34
Breaking into exist. brick manhole	5-35

COUNTY OF LOS ANGELES, CALIFORNIA
 HUREY T. BRADY, COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER
 CO. SAN. DIST. NO. 12
 APPROVED Robert M. Miller 4-3-71 REGIONAL ENGINEER (S) APPROVED J. Joubert OFFICE ENGINEER
 CHECKED S. J. Joubert 4-1-71 (S) REG. C. E. NO. 15737
 LOMITA BLDG. DIST. 12 J.N. 0370 72

