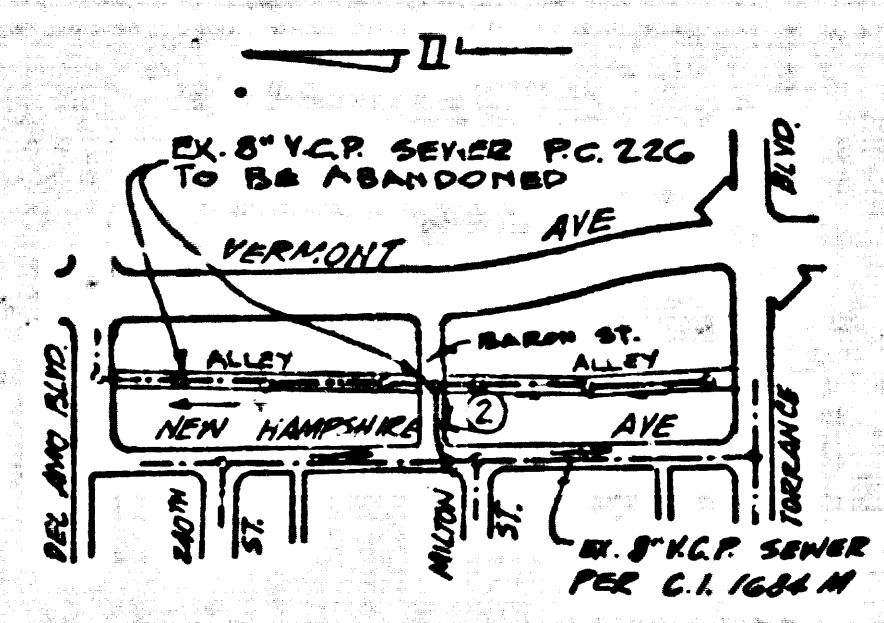


B.M. CY-7197 ELEV. 22.368
 TO B.A. 8 AND 10' WIDE
 R.P.B.M. 109 20 CURB 55'E B.G.R. @
 S.E. COR. VERMONT AVE & TORRANCE AVE.
 30' S & 110' E APPROX. @ 1017
 GARDENA QUAD. 1975



Index Map
 SCALE: 1"=600'
 BARON ST. - BYPASS SEWER
 P.C. 9839

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER SYSTEM SHALL BE MADE BY THE CONTRACTOR UNDER THE SUPERVISION OF THE COUNTY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE COUNTY ENGINEER AND THE DEPARTMENT OF INDUSTRIAL SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE COUNTY ENGINEER AND THE DEPARTMENT OF INDUSTRIAL SAFETY.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTE WASTEWATER CONNECTION HAS BEEN ISSUED BY THE SANITATION DISTRICTS IN SAID CONNECTION.

- 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 IMPROVEMENTS ARE SHOWN ON PLANS AND PROFILES, GRADE POINTS FOR TOP OF CURB, 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 BY 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 MEASURED TO 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. 28, AND PAY A FEE TO THE COUNTY ENGINEER, 550 S. VERMONT AVE., LOS ANGELES, CALIF. 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, 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 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 3-16.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - BEFORE THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER'S OFFICE A PERMIT TO EXCAVATE IN COUNTY STREETS, FROM THE LOS ANGELES COUNTY PUBLIC WORKS DEPARTMENT, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE DIVISION OF INDUSTRIAL SAFETY, DIVISION OF INDUSTRIAL SAFETY, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA. THIS PERMIT SHALL BE OBTAINED PRIOR TO THE CANCELLATION OF POLICY.

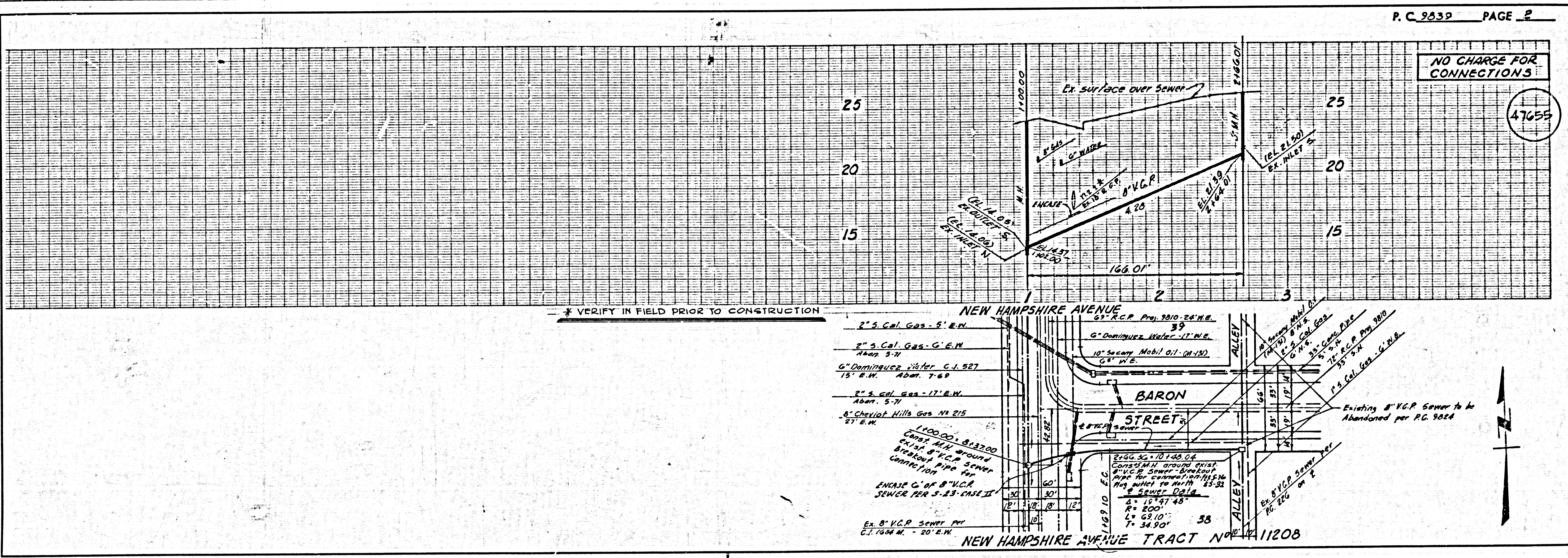
- CONSTRUCTION NOTES:**
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PLUMB WORKS CONSTRUCTION (1977 EDITION) WITH SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 5/27/78. ALL WORK SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE ROAD DEPT., DIVISION OF HIGHWAYS, 120 S. SPRING ST., LOS ANGELES, CALIF. AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - PIPE ON THE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE STEEL BRACE MANHOLES PER 3-23 OR PRECAST CONCRETE MANHOLES PER 3-26, 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.
 - WITHIN CURB THE JOINTS SHALL BE TYPE "T", "C" OR "Y" PER STANDARD SPECIFICATIONS SECTION 306-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 3-23, CASE II, 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 3-23, CASE II UNLESS OTHERWISE 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 "Y", WITH MENDING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.6 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.
 - REAL COMPLIANCE WITH SECTION 306-1.6 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENT BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN
BARON STREET
BYPASS SEWER
 PRIVATE CONTRACT NO. 9839
 W.S. 26
 1 SHEET, 2 PAGES
 SCALE: VERT. 1"=4' HORIZ. 1"=40' March, 1980
 PREPARED IN THE OFFICES OF
Lanco Engineering
 17430 So. Prairie Ave. Torrance, Calif. 90504
 BY: C. M. Lead
 REG. C. E. No. 13167
 47654

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

LEGEND	3-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	3-2
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COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN C. KOPPEL COUNTY ENGINEER WALTER F. CARRISON, CHIEF ENGINEER
 APPROVED Martin L. Magley 4/18/80 APPROVED Franklin S. 4/18/80
 DATE DATE OFFICE ENGINEER
 CHECKED Robert David 4/18/80
 DATE
 REG. C. E. NO. 16783
 L.O.M.T.A. BLDG. DIST. 12



BARON STREET BC 9839