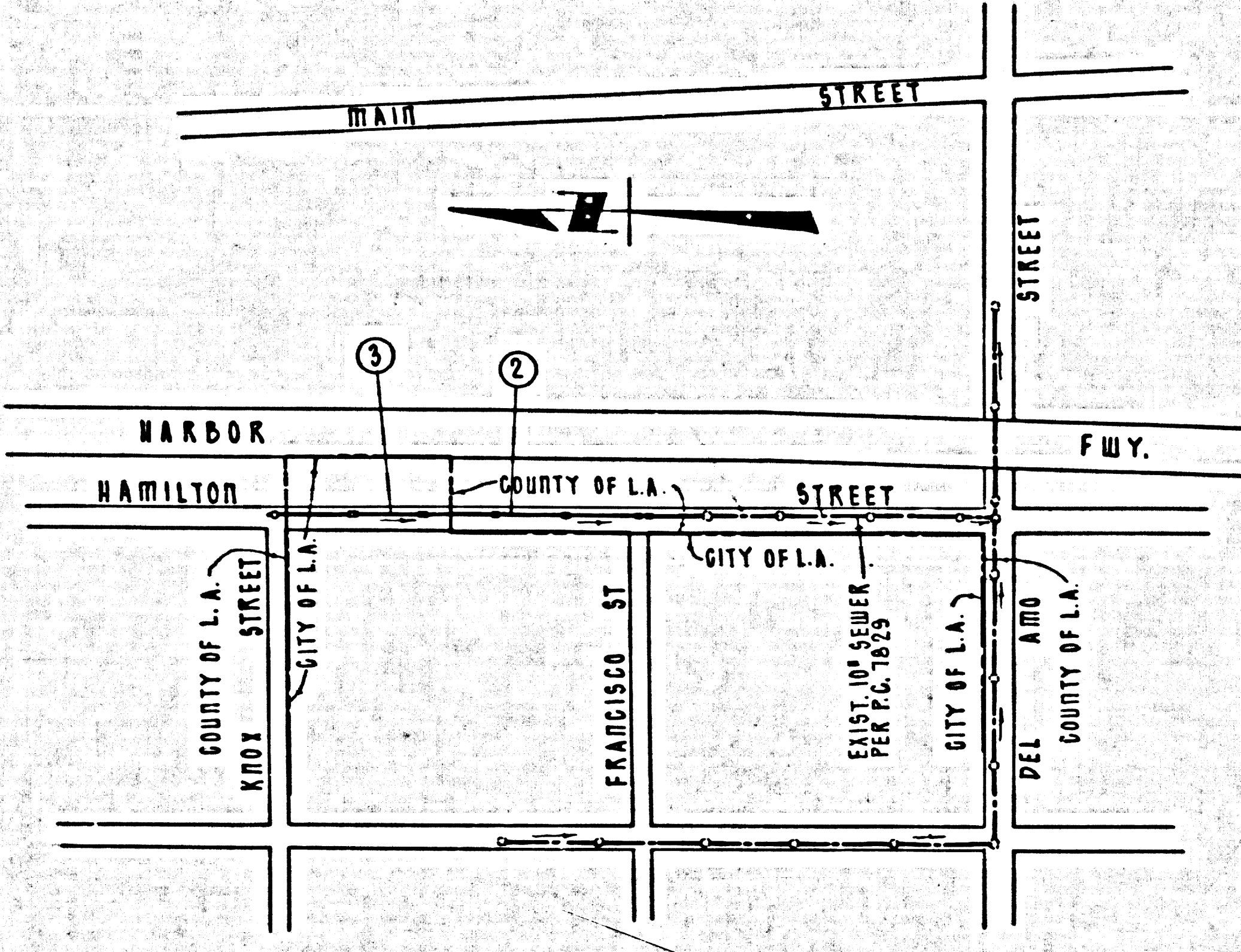


CHECKED FOR STRUCTURAL DESIGN BY *W. H. H. H.*

B.M. ELEV. 28.45
LOS ANGELES COUNTY ROAD DEPT. B.M. "C-6"
L.E. B.M. IN 8000. SLAB IN FRONT OF
WELCH CO. BLDG. 240' N.E. 150' W. & INT.
OF KNOX ST. & HAMILTON ST.
GARDENA QUAD. 19 50



P.C. 8094
INDEX MAP
SCALE: 1" = 600'

- THE FOLLOWING NOTES APPLY TO WORK WITH THE CITY OF LOS ANGELES:
- ALL WORK PERFORMED WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE UNDER PERMIT AND CONTINUOUS INSPECTION BY CITY OF LOS ANGELES AND SHALL MEET THE REQUIREMENTS OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1967 EDITION AND 1968 SUPPLEMENT) AND STD. PLAN D-3156.
 - THE CONTRACTOR SHALL NOTIFY THE HARBOR DISTRICT OFFICE OF THE BUREAU OF CONTRACT ADMINISTRATION, ROOM 301, 638 SOUTH BEACON STREET, SAN PEDRO, 831-5211, EXT. 391, THREE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.
 - YOUR ATTENTION IS CALLED TO THE PROXIMITY OF SUBSTRUCTURES TO THE PROPOSED SEWER AND THAT IN ACCORDANCE WITH SECTION 5 OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IT IS YOUR RESPONSIBILITY TO PROTECT ALL PUBLIC AND PRIVATE PROPERTY INsofar AS IT MAY BE ENDANGERED BY YOUR OPERATIONS.
 - THE LOCATIONS OF EXISTING SUBSTRUCTURES SHOWN HEREON HAVE BEEN TAKEN FROM RECORDS AND THEIR CORRECTNESS AND COMPLETENESS ARE IN NO WAY GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL SUBSTRUCTURES, WHETHER SHOWN HEREON OR NOT, AND PROTECT THEM FROM DAMAGE. THE REMOVAL OF ABANDONED IN PLACE SUBSTRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE LOWERING OR RELOCATION OF INTERFERING SUBSTRUCTURES, OR PORTIONS THEREOF, EXCEPT SEWER FACILITIES SHALL BE THE RESPONSIBILITY OF SAID UTILITY OR FRANCHISE HOLDER.
 - THE CONTRACTOR SHALL RESURFACE THE TRENCH WITH 2-INCH TYPE 1-B-85/100 (MEDIUM) A.C. OR 4-INCH TYPE 1-A-25 (COARSE) 0.08 INCHES OF C.A. BASE.
 - CRUSHED SLAG MAY BE SUBSTITUTED FOR CRUSHED AGGREGATE BASE MATERIAL, PROVIDED THAT CRUSHED SLAG MEETS ALL TEST REQUIREMENTS OF CRUSHED AGGREGATE AS SPECIFIED IN SECTION 208 OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND PROVIDED IT IS SLAG PRODUCED FROM THE OPEN HEARTH PROCESS OF STEEL PRODUCTION.
 - IF WORK IS TO BE DONE IN A CITY STREET, A PERMIT MUST BE OBTAINED FROM THE CITY OF L.A. HARBOR DIST. BUREAU OF ENGINEERING ROOM 400, 638 SO. BEACON ST. SAN PEDRO, CALIF.

County Excavation Districts shall be notified prior to the following work that requires inspection can be made (Phone 800-444-4444 x 432-3097)

Acceptance of the project.

NO CONNECTIONS FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS EITHER ON THESE DRAWINGS WITHOUT WRITTEN PERMISSION FROM THE CHIEF ENGINEER AND GENERAL MANAGER OF THE COUNTY SANITATION DISTRICTS.

LOMITA BLDG. DIST. NO. 12

- PROFILES SHOWN ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND MAIN LATERALS AND SHALL PROVIDE GRADES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED AT 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 BY 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.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-2707, EXT. 8188, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THE CONTRACT.
- ALL STRUCTURES SHALL BE EITHER BRICK, MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-5 OR 5-6, EXCEPT AS NOTED.
- 1" OR 1 1/2" MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS, EXCEPT AS NOTED.
- MANHOLE TOPS IN UNIMPROVED AREAS SHALL BE 6 INCHES ABOVE FINISHED GRADE.
- USE EXTRA STRENGTH PIPE, ALL PIPE IS STANDARD D.C.P. EXCEPT AS NOTED.
- USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPEC. SEC. 5-6, 48 & 49.
- IF A POWER POLE IS WITHIN THREE FEET OF THE CENTERLINE, THE SEWER SHALL BE ENCASED, PER 5-23, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- IF BEHIND 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 5-23, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT FACE OF LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- REINFORCE ALL TRENCHES WITHIN HAZARDOUS AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PLANS.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.3.7 STD. SPEC'S.
- REFER TO SECTION 7-1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS FOR CONSTRUCTION. SAFETY ORDERS WILL BE STRICTLY ENFORCED.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" (WITH DASHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SEC. 208-2.

COLLECT CHARGES AS INDICATED

THE FOLLOWING COUNTY ENGINEER STANDARD PLANS APPLY TO THIS PROJECT:

| | |
|---|------|
| MINIMUM EXCAVATION SAFETY REQUIREMENTS | 5-1 |
| BRICK MANHOLE | 5-2 |
| ROD REINFORCED PRECAST CONCRETE MANHOLE | 5-3 |
| MANHOLE FRAME AND COVER | 5-4 |
| MANHOLE FRAME AND COVER | 5-5 |
| MANHOLE FRAME AND COVER | 5-6 |
| MANHOLE FRAME AND COVER | 5-7 |
| MANHOLE FRAME AND COVER | 5-8 |
| MANHOLE FRAME AND COVER | 5-9 |
| MANHOLE FRAME AND COVER | 5-10 |
| MANHOLE FRAME AND COVER | 5-11 |
| MANHOLE FRAME AND COVER | 5-12 |
| MANHOLE FRAME AND COVER | 5-13 |
| MANHOLE FRAME AND COVER | 5-14 |
| MANHOLE FRAME AND COVER | 5-15 |
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| MANHOLE FRAME AND COVER | 5-28 |
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| MANHOLE FRAME AND COVER | 5-35 |
| MANHOLE FRAME AND COVER | 5-36 |
| MANHOLE FRAME AND COVER | 5-37 |
| MANHOLE FRAME AND COVER | 5-38 |
| MANHOLE FRAME AND COVER | 5-39 |
| MANHOLE FRAME AND COVER | 5-40 |

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS PAGE 1

PRIVATE CONTRACT NO. 8094

W.S. 26
2 SHEETS, 4 PAGES
SCALE: VERT. 1" = 10'
HORIZ. 1" = 40'
MARCH, 1968
PREPARED IN THE OFFICES OF

41034

Lewis M. Nevada
REG. C.E. NO. 5956

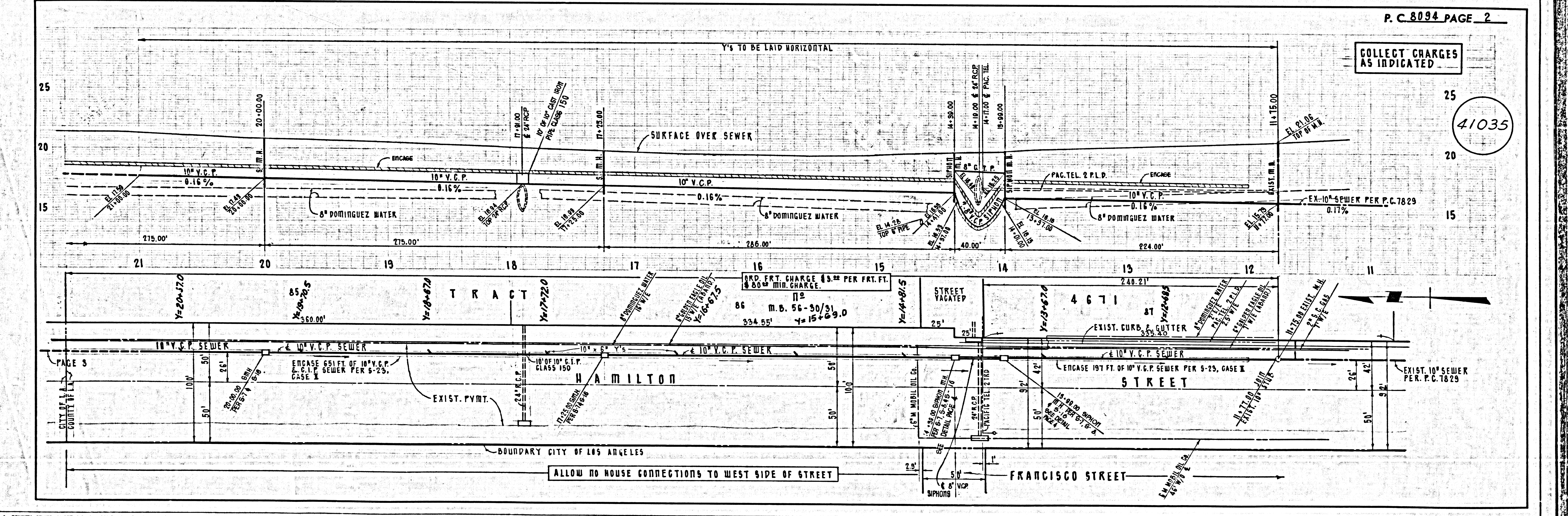
FOR LEGEND SEE PLAN NO. S-1
NOTE: CONSTRUCTION OF SANITARY SEWER DATED FEB. 15, 1958, AS REVISED.
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREET OR CENTER LINE OF ALLEY ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED ELEVATIONS ARE TO BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE BETWEEN SAID DESIGNATED POINTS.
THIS DRAWING AND THE DATA HEREON AND HEREIN MAKE A PART OF THE SPECIFICATIONS.
WORK SHALL BE CONSTRUCTED ACCORDING TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
HOUSE WORK CAN BE STARTED BY CONTRACTOR WITHOUT OBTAINING A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE IN THE CITY OF LOS ANGELES, ROOM 301, 638 SOUTH BEACON STREET, SAN PEDRO, CALIF. COUNTY ENGINEERING BUILDING, CONSTRUCTION INSPECTION AND RECORDS DIVISION, 1200 SOUTH SPRING STREET, LOS ANGELES, CALIF. SPECIAL OFFICE, SUPPLEMENT TO COVER THE COST OF THE PROJECT.
APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE PROJECT. THE USER AGREES TO ALL UNDERLYING UTILITY LINES OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT.
IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 1200 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
JOHN A. LAMBE, COUNTY ENGINEER
APPROVED BY: *Robert M. ...*
REGIONAL ENGINEER

J. D. PARKHURST, CHIEF ENGINEER
CO. SAN. DIST. NO. 8
APPROVED BY: *W. H. H. H.*
OFFICE ENGINEER

CHECKED BY: *Edward J. Volz* 10/23/68
CITY OF LOS ANGELES REG. C.E. NO. 10522
SUBMITTED: *Nov 6* 1968
BY: *A. ...*
HARBOR DISTRICT ENGINEER
APPROVED: *Nov 14* 1968
BY: *Wallace ...*
CITY ENGINEER (CITY OF LOS ANGELES)

J.N. 0369.23



COLLECT CHARGES AS INDICATED

41035

