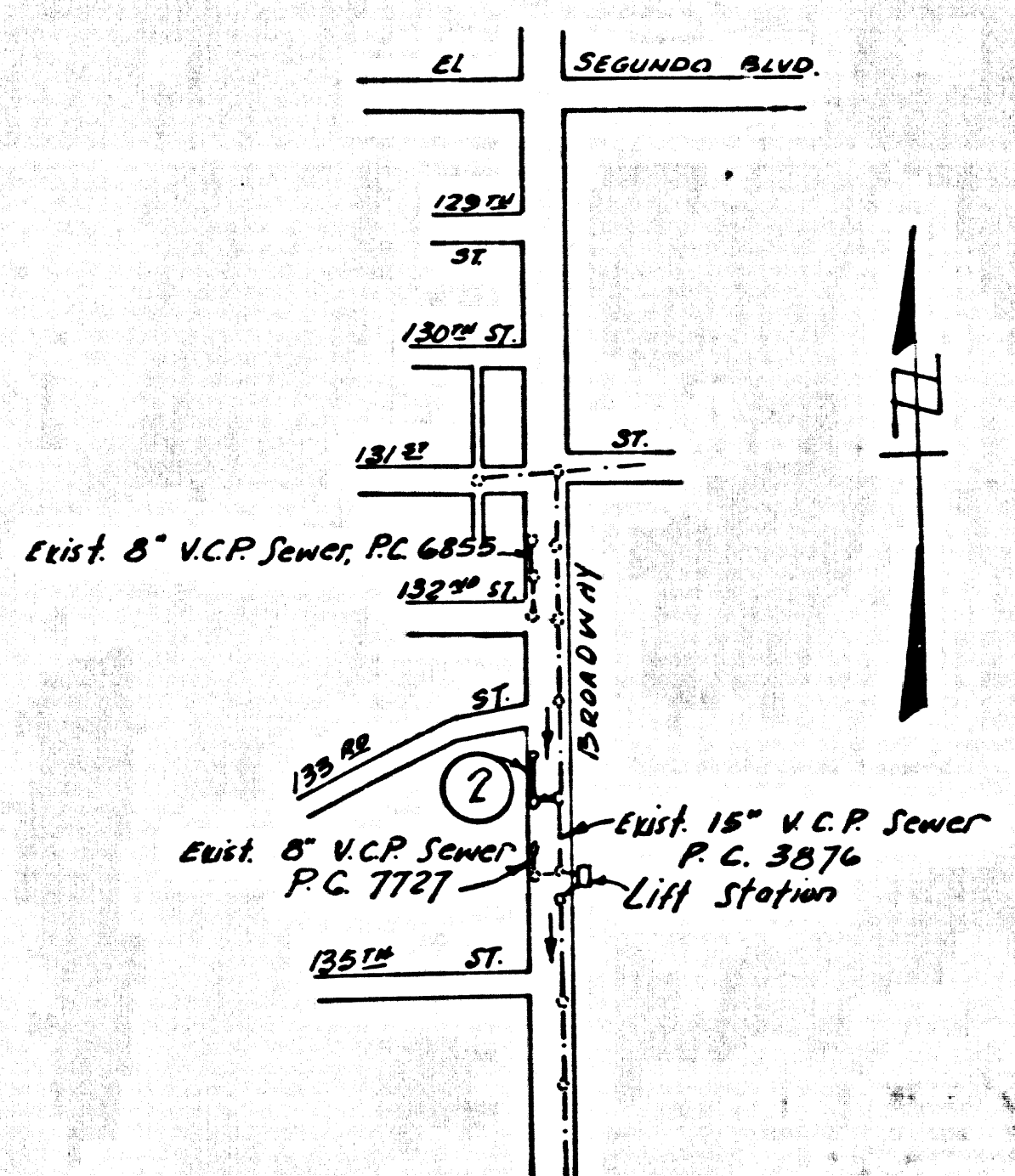


B.M. 51 3873 ELEV. 116.138
 N. end Gas Sta. Is. 133° 40' S of Broadway
 L. & 7' 40" S of 133° 20' S & 51" W
 of & Broadway
 WATTS QUAD. 19 60



INDEX MAP
 BROADWAY
 P. C. 8148
 SCALE: 1" = 600'

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone NE. 63097):

- (M) Commencement of construction of manhole on District trunk sewer.
- (N) Breaking into existing manhole on District trunk sewer.
- (O) Core drilling District trunk sewer.
- (P) Construction of house connections to District trunk sewer.
- (Q) 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.

LENNOX BLDG. DIST. NO. 7

- NOTES:
1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 3. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND TRUNK 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 BY WRITING BY THE PRIVATE ENGINEER.
 4. 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.
 5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, HANSON 9-426, EXT. 81181, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 7. ALL STRUCTURES SHALL BE EITHER BRICK/MANHOLE PER 5-2 PERCENT CONCRETE MANHOLES PER 5-3 OR 5-4, EXCEPT AS NOTED.
 8. USE STANDARD MANHOLE FRAMES AND COVERS, 21.6, EXCEPT AS NOTED.
 9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 10. USE EXTRA STRENGTH PIPE, ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
 11. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "V" JOINT PER STD. SPEC., SEC. 504-2.
 12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-23, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 13. 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 5-23, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 14. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
 15. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 16. SEWERS TO BE TESTED PER LEAKAGE PER SECTION 306-2.3.7 OF IMPROVED STANDARD SPEC.
 17. REFER TO SECTION 7-10, 4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.

THE FOLLOWING COUNTY ENGINEER STANDARD PLANS APPLY TO THIS PROJECT:

Legend	5-1
Min. Public Safety Requirements	5-2
Brick Manhole	5-3
Non Reinforced Precast Concrete Manhole	5-4
Reinforced Precast Concrete Manhole	5-5
Manhole Frame and Cover	5-15
Manhole Step	5-17
Bedding for Sewer Pipes	5-21
Condition and Encasement	5-23
Wye or Tee Support	5-25
Allowable Trench Widths	5-26

COLLECT CHARGES AS INDICATED

NOTICE TO CONTRACTOR
 The existence and location of any underground utility lines of structures shown on these plans are obtained by a search of the available records. To the best of my 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.
 Ronald W. Bishop
 REG. C.E. NO. 8510

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN
BROADWAY

PRIVATE CONTRACT NO. 8148

W.S. 26
 1 SHEETS, 2 PAGES

SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 Aug. 1968

PREPARED IN THE OFFICES OF
OLSON SURVEYING SERVICE

By: Ronald W. Bishop 5-5-68
 REG. C.E. NO. 8510

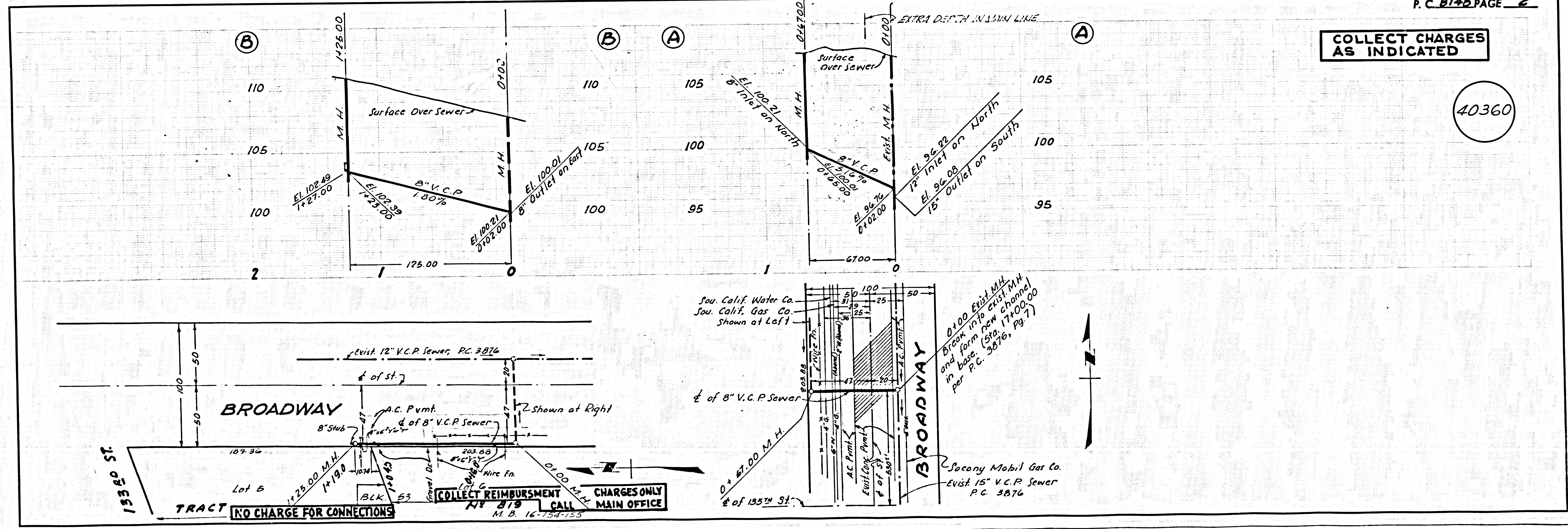
FOR LEGEND SEE PLAN NO. S-1

NOTE:
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED 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 COMFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
 WORK SHALL BE CONSTRUCTED ACCORDING TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONTRACTING AND CONSTRUCTION PRACTICE, PREPARED BY THE CALIFORNIA STATE BOARD OF PUBLIC WORKS, AND THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, PREPARED BY THE CALIFORNIA STATE HIGHWAY DEPARTMENT. 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. 3, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 208, COUNTY ENGINEER'S BUILDING, 100 WEST SECOND STREET, LOS ANGELES, CALIF. REGIONAL OFFICE, SUPPLEMENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 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 PIPES, OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAY, 138 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
 APPROVED BY: Ronald W. Bishop REGIONAL ENGINEER APPROVED BY: J. D. Parkhurst OFFICE ENGINEER

CHECKED BY: Ronald W. Bishop 8-22-68
 REG. C.E. NO. 10552

J. N. 0369, 35



COLLECT CHARGES AS INDICATED

40360

P. C. 8148 PAGE 2