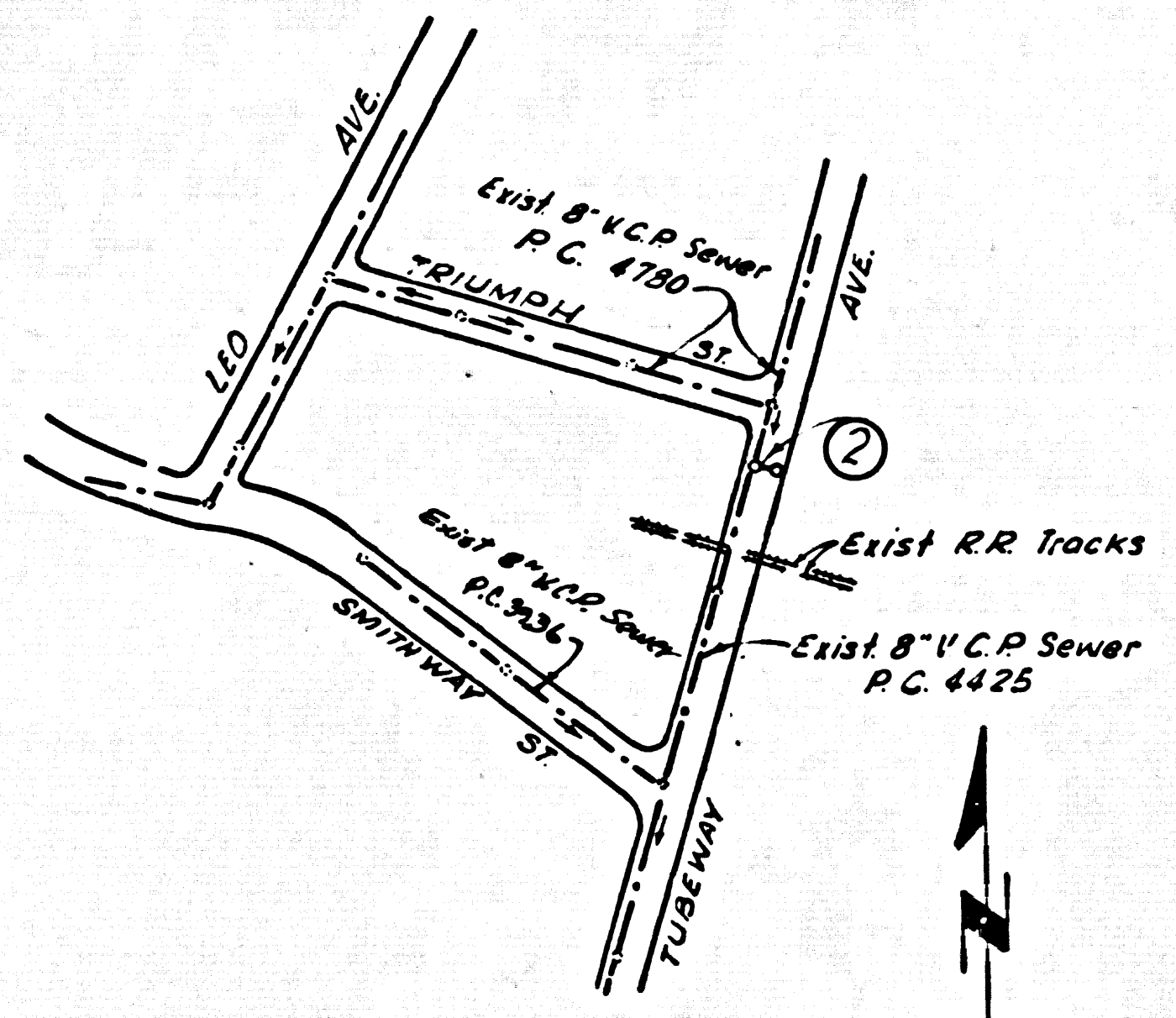


B.M. SD 2139 P.B. 254 8 1/2 ELEV. 155.527
 SMITHWAY ST. & TUBEWAY AVE.
 S.W. CORNER BOLT SPK IN LEAD
 5' W. OF THE W. END OF CURB
 RETURN.



INDEX MAP
 Scale: 1" = 400'
 TUBEWAY AVENUE N°5
 P.C. 6814

**PRIVATE ENGINEER'S
 NOTICE TO CONTRACTOR**

The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of our knowledge there are no existing utilities except as shown on this map.
 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 this drawing.

CITY OF COMMERCE BLDG. DIST. NO. 6.01

- 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 CITY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 3. THE PRIVATE ENGINEER SHALL FURNISH THE CITY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 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.
 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 CITY ENGINEER.
 6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-2747, EXT. 8158, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 7. MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-4-104. PRECAST CONCRETE MANHOLES PER S-4-155 OR S-4-173 MAY BE USED AS AN ALTERNATE IN LOCATIONS APPROVED BY THE CITY ENGINEER.
 8. USE STANDARD MANHOLE FRAMES AND COVERS, S-4-177, (SEE SPEC. 34.648).
 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.
 11. USE CEMENT MORTAR OR MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS IN MAIN LINE, PER SPEC'S, SECS. 34.648.
 12. WHERE EVER GROUND WATER IS ENCOUNTERED DURING THE CONSTRUCTION OF THE SEWERS, THE V.C.P. JOINTS SHALL BE OF JOINT COMPOUND PER SPEC'S, SECS. 33 & 48, OR MECHANICAL COMPRESSION JOINTS PER SPEC'S, SEC. 34.
 13. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-4-173, CASE III, TWO FEET ON EITHER SIDE FROM THE POINT OF INTERFERENCE.
 14. 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 S-4-173, CASE III, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
 15. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERT AT PROPERTY LINE 7' BELOW SURFACE OVER SEWER.
 16. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 17. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 2, SPEC'S, SEC. 34.
 18. USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. HOUSE LATERALS PER SPEC'S SEC. 34.649.
 19. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE RIGIDLY ENFORCED.

APPROVED: *E. S. Thompson* 1/9/64
 INDUSTRIAL WASTE DIVISION

**COLLECT CHARGES
 AS INDICATED**
W. G. Jan 1/9/64

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.

TUBEWAY AVENUE N°5
 PRIVATE CONTRACT NO. 6814

W.S. 36, B-4
 1 SHEETS, 2 PAGES
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40'
 DEC. 1, 1963
 PREPARED IN THE OFFICES OF
OLSON SURVEYING SERVICE INC.
E. A. Phillips
 REG. C. E. NO. 17820

34420

NOTE:
 GRADES TO WHICH THIS 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 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. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN CITY STREETS FROM THE L.A. COUNTY ROAD DEPT., CENTRAL OFFICE NO. 2, AND MAKE A DEPOSIT WITH THE CITY OF COMMERCE, 2535 COMMERCE WAY, L.A. 23, CALIF., SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 APPROVAL OF THIS PLAN BY THE CITY OF COMMERCE 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.
 IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 126 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

CITY OF COMMERCE, CALIFORNIA
 JOHN A. LAMBIE, CITY ENGINEER
 APPROVED BY: *Robert K. K...* ASSISTANT SANITATION ENGINEER
 SUBMITTED BY: *W. G. Jan* REGIONAL ENGINEER
 CHECKED BY: *John A. Lambie*
 REG. C.E. NO. 7882

J. D. PARKHURST, CHIEF ENGINEER
 APPROVED BY: *J. D. Parkhurst* OFFICE ENGINEER

J.N.

NO CHARGE FOR CONNECTION

34421

