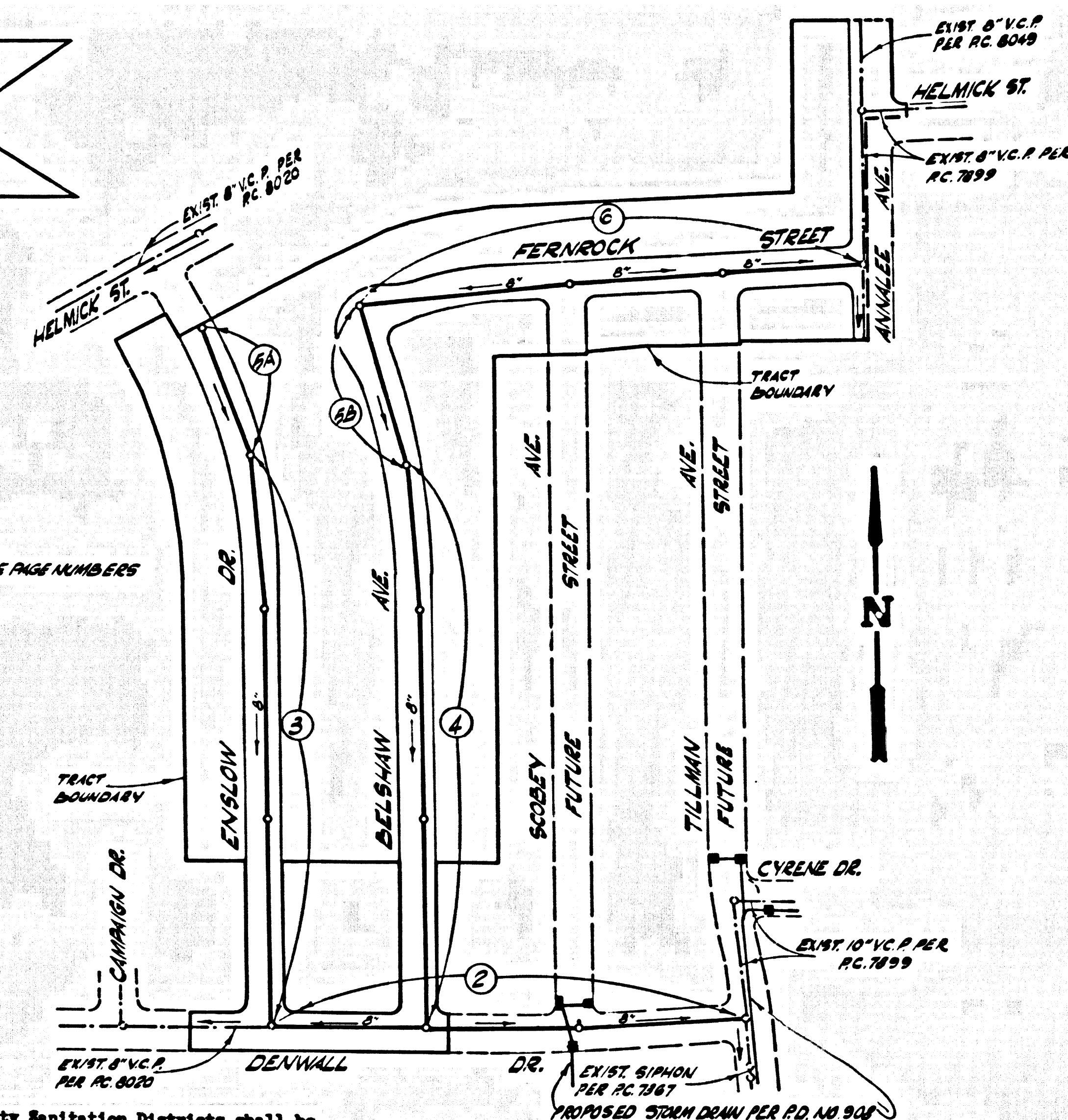


B.M. BY 229 ELEV. 111.66
 L & 3/4" IN E. EDGE OF PAVEMENT
 AVAION BLDG. 17' 2" W. E. TOWER
 NO. 52, 5TH TOWER S. OF VICTORIA ST.
 GARDENA QUAD. 1966



NOTICE TO CONTRACTORS
 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 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.

James E. Whitelaw
 JAMES E. WHITELAW R.C.E. 14385

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 - 636-3097)

Acceptance of the project.

INDEX MAP
 SCALE: 1" = 200'
 P.C.: 8150

NOTE:
 Lots 71-78 are served from sewers in Anaheim Ave. per P.C. 7899 & P.C. 1049

CITY OF CARSON BLDG. DIST. NO. 1205

- PROVIDE STAKES 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 CITY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- THE PRIVATE ENGINEER SHALL FURNISH THE CITY 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.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE CITY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-474, EXT. 8551, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-4 OR S-6, EXCEPT AS NOTED.
- USE STANDARD MANHOLE FRAMES AND COVERS, S-15, EXCEPT AS NOTED.
- MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD WITH EXCEPT AS NOTED.
- VERTICAL CLAY PIPE JOINTS SHALL BE 2" OR 1" PER STR. SPIRE, S.I.C. 808-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, 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 S-23, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- HOUSE LATERALS TO BE CONSTRUCTED WITH 1/4" PER FOOT TO PROPERTY LINE.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 106-2.17.
- REFER TO SECTION 7-10-41 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
- SPECIAL BACKFILL IN DESIGNATED AREAS:
 (a) BACKFILL TRENCH AND REPLACE OTHER EARTH REMOVED SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS TRACT BY THE BUILDING AND SAFETY DIVISION.
 (b) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D96-57 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.
 (c) THE FOLLOWING CITY ENGINEER STD. PLANS APPLY TO THIS PROJECT:
 A. LEGEND 0-1
 B. MIN. EXCEL. SAFETY REQUIREMENTS 0-2
 C. BRICK M.H. 0-3
 D. NON-REIN. PRECAST CONC. MANHOLES 0-6
 E. MANHOLE FRAMES & COVERS 0-6
 F. MANHOLE STEP 0-7
 G. BEDDING FOR SEWER PIPE 0-7
 H. CURBING & ENCASEMENT 0-9
 I. WYE OR TEE EQUIPMENT 0-9
 J. ALLOWABLE TRENCH WIDTH 0-9
 K. TEE OR WYE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWER, EXCEPT AS NOTED.

COLLECT CHARGES AS INDICATED

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 CE-REGIONAL MANAGER OF THE COUNTY SANITATION DISTRICTS.

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN

TRACT NO. 29992

PRIVATE CONTRACT NO. 8150

W.S. 26
 2 SHEETS; 6 PAGES

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

DATE: SEP, 1968
 PREPARED IN THE OFFICES OF
VOORHEES-TRINDLE-NELSON
 1878 BEACH BOULEVARD
 WESTHURST, CALIFORNIA
 BY: *James E. Whitelaw*
 REG. C. E. NO. 14385

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 GRADES SHALL BE ESTABLISHED SO AS TO CONFORM 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. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND CITY ENGINEER SPECIAL PROVISIONS DATED FEBRUARY 1968, AS REVISED, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE CITY ENGINEER.
 BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN CITY STREETS FROM THE CITY ROAD DEPT., DISTRICT OFFICE NO. 8, AND PAY A FEE TO THE CITY ENGINEER, 25000 S. 106TH ST., CARSON, CALIFORNIA.
 CONSTRUCTION INSPECTION AND RECORD PLANS
 APPROVAL OF THIS PLAN BY THE CITY OF CARSON DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF 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 HIGHWAY, 138 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

CITY OF CARSON, CALIFORNIA
 JOHN A. LAMBIE, CITY ENGINEER
 APPROVED BY: *Robert J. V. Deak* (1/19/68)
 REGIONAL ENGINEER

J. D. PARKHURST, CHIEF ENGINEER
 CO. SAN. DIST. NO. 8
 APPROVED BY: *James E. Whitelaw*
 OFFICE ENGINEER

CHECKED BY: *James E. Whitelaw* (1/19/68)
 REG. C.E. NO. 14385

41007

