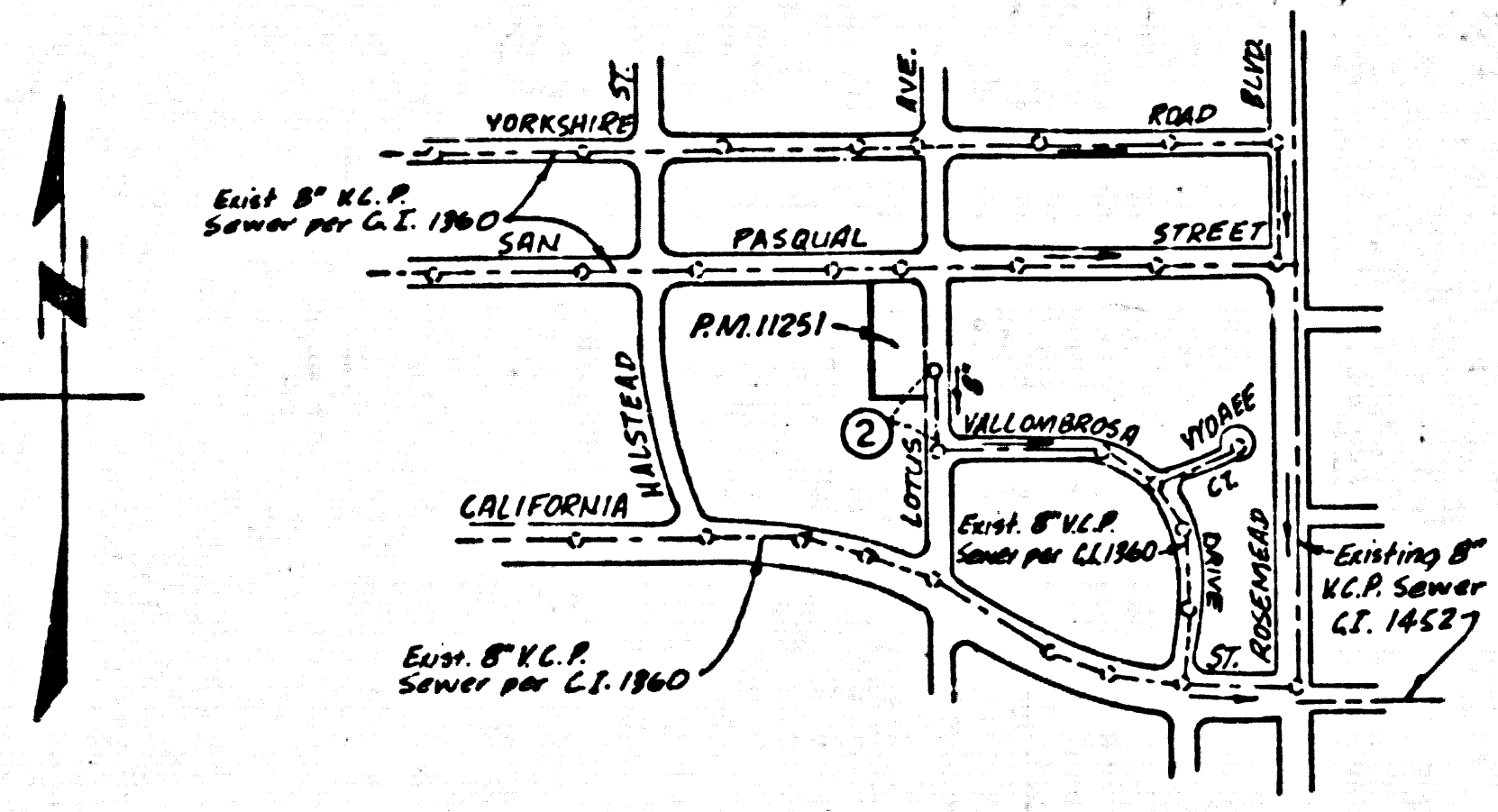


B.M. CG 3234 ELEV. 643.227
 SPK. 30 FT. S. BCR. 85 FT. S. + 18 FT. E
 C/L INT. DEL MAR BLVD. + LOTUS
 AVE. MKD. (SD 819)
 ARCADIA QUAD. 19 75



P.M. 11251
 INDEX MAP
 SCALE: 1" = 600'

NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER.

BEFORE BREAKING INTO OR CONSTRUCTION ON A SANITARY SEWER DISTRICT SEWER AND PRIOR TO FINAL PERFORMANCE OF THE PROJECT SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE 962-8600, SO THAT REQUIRED INSPECTION CAN BE MADE.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTE SHALL BE MADE TO SEWERS SHOWN ON THESE PLANS UNLESS A PERMIT FOR INDUSTRIAL WASTE WATER DISCHARGE HAS BEEN OBTAINED BY THE SANITATION DISTRICT FOR SAID CONNECTION.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING L.A.C.F.C. 15" R.L.P. STORM DRAIN LATERAL PRIOR TO STARTING CONSTRUCTION.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND 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 MISSING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

Fernando Miera
 FERNANDO MIERA R.E. 24908

GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON CURBS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES OR 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.
5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "T" 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.
6. 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.
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD BUREAU, DISTRICT OFFICE NO. 1 AND PAY A FEE TO THE COUNTY ENGINEER, \$50.00 PER ANCHORAGE, 1.25 PER ANCHORAGE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. 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.
9. 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.
10. REFER TO SECTION 216.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD BUREAU, DISTRICT OFFICE NO. 1 AND PAY A FEE TO THE COUNTY ENGINEER, \$50.00 PER ANCHORAGE, 1.25 PER ANCHORAGE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS. THE CONTRACTOR SHALL NOTIFY THE ROAD BUREAU BY TELEPHONE 158-2516 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1977 EDITION) WITH THE SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER, 1976, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
2. THE CONTRACTOR SHALL NOTIFY THE ROAD BUREAU BY TELEPHONE 158-2516 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & PER HOUSE CURB GRADE EXCEPT AS NOTED.
4. WYE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO REMAINING SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE BUILT ONCE MANHOLES PER 5.0 PERCENT CONCRETE MANHOLES PER 5.24, EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED PORTS OF WAY TO BE 24 INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY JOINTS SHALL BE TYPE "C", "D", OR "E" PER STANDARD SPECIFICATIONS SECTION 306.2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5.24, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
10. 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 5.24, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEAVE JOINT, TYPE "C" OR "D", WITH BURRING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306.2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306.1.5 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. REPAIRS ALL TRENCHES WITHIN PAVED AREAS TO MEET LA COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 306.1.5 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.

TO BE CONSTRUCTED IN
 P.M. 11251
 PRIVATE CONTRACT NO. 9711

W.S. 44
 1 SHEET, 2 PAGES (49000)
 SCALE: HORIZ. 1" = 40' VERT. 1" = 4'
 OCTOBER, 1979
 PREPARED IN THE OFFICES OF
 CENTINELA VALLEY ENGINEERING COMPANY
 241 SOUTH LA BREA AVE., INGLEWOOD, CALIFORNIA, 90301, (213) 671-5411
 BY: Fernando Miera
 REG. C. E. No. 24908

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

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MINIMUM PUBLIC SAFETY REQUIREMENTS	5-8
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COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KOONCE, COUNTY ENGINEER WALTER E. GARRISON, CHIEF ENGINEER
 CO. SAN DIST. NO. 15
 APPROVED: *Carroll Smith* 10/25/79 APPROVED: *Walter Garrison*
 CHECKED: *Ralph Davis* 11/20/79
 BLDG. C.E. NO. 15583
 ALTADENA BLDG. DIST. 3

