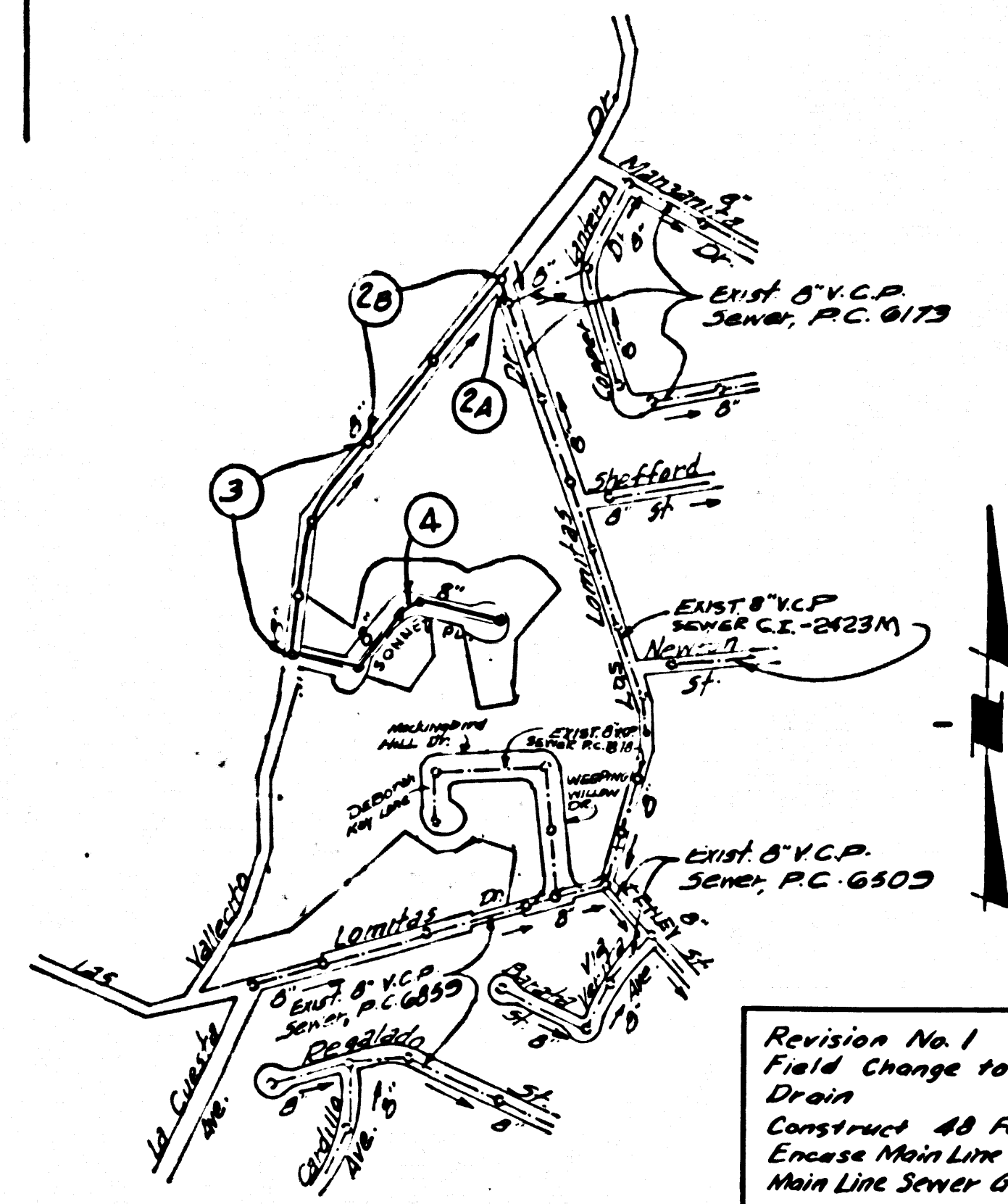


B.M. 1606 ELEV. 482.910
 1.41 CONC. SLAB FRONT OF HOUSE NO. 2108 LAS LOMITAS DR. AT S.E. CORNER NEWTON ST. 97' SOUTH 57' EAST OF C. INTERSECTION.
 WHITTIER QUAD. 1970



INDEX MAP
 TRACT N° 30791
 P.C. 9086
 SCALE: 1"=600'

Revision No. 1 Page 2-B 5-5-75
 Field Change to Avoid Interference With Existing Storm Drain
 Construct 48 Foot Vertical Curve
 Encase Main Line Sewer Sta. 1+05.00 to 1+15.00 & Sta. 1+30.00 to 1+35.00
 Main Line Sewer Grade Between Sta. 1+50.00 & 1+60.00 to be 1.66%
 Approved *[Signature]*
 Office County Engineer

COUNTY SANITATION DISTRICTS SHALL BE NOTIFIED 14 DAYS PRIOR TO THE ISSUANCE OF THESE PLANS.
 IF THE DISTRICTS DO NOT REQUIRE ANY CHANGES TO THESE PLANS, THEY SHALL BE NOTIFIED WITHIN 14 DAYS OF THE DATE OF ISSUANCE.
 PHONE: 626-6005 - 626-1161.
 ACCEPTANCE OF THE PROJECT.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS:
 The existence and approximate location of underground utilities or structures shown on these plans were determined by a search of the available public records. To the best of our knowledge there are no existing underground utilities or structures except as shown on these plans. The Contractor is required to take due precautionary measures to protect the utilities or structures shown on any other utilities or structures at the site. It shall be the Contractor's responsibility to notify the Owners of the utilities or structures concerned before starting work.

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

LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLES	5-3
STANDARD MANHOLE STEP	5-17
BEDDING FOR SEWER PIPE	5-21
CRADLING AND ENCASEMENT	5-23
VIE ON TEE SUPPORT	5-24
ALLOWABLE TRENCH WIDTHS	5-35
LOCKING MANHOLE FRAME AND COVER	5-36
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-36
RECTANGULAR SHALLOW MANHOLE	5-37

PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT BY THE COUNTY ENGINEER, THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY.

Any connection to the sewage system of County Sanitation District, provided directly or indirectly by the sewer shown on these plans, shall be considered a temporary connection until all area covered is annexed to said district, at which time the connection shall be permanent. If for any reason the annexation to the district of any area sewer hereunder is not completed, the property not in the district will be required to disconnect unless a contract is entered into with the district providing for the disposal of sewage from the area.

DOUBLE VERTICAL SCALE
LA PUENTE BLDG. DIST. NO. 2.0

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN

TRACT N° 30791
 PRIVATE CONTRACT NO. 9086

W.S. 57-E4
 3 SHEETS, 4 PAGES
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'
 AUGUST, 1974
 PREPARED IN THE OFFICES OF
KEMMERER ENGR. CO. INC.
 6705 PAINTER AVE. WHITTIER, CAL.
 BY *Robert R. Flores*
 REG. C.E. NO. 11343

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 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 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 FOR THE CONSTRUCTION OF SANITARY SEWERS, DATED MARCH 1, 1974 AND SHALL BE PERFORMED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY DISTRICT FROM THE COUNTY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SAID PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT TO EXCAVATE FROM THE COUNTY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT TO EXCAVATE FROM THE COUNTY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT TO EXCAVATE FROM THE COUNTY ENGINEER.
 IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAY, 126 SOUTH SHAW STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER
 J. D. PARKURST, CHIEF ENGINEER
 CO. SAN DIST. NO. 15-21
 APPROVED BY *[Signature]* SAN DIMAS REGIONAL ENGINEER
 APPROVED BY *[Signature]* OFFICE ENGINEER

CHECKED BY *[Signature]*
 REG. C.E. NO. 13156

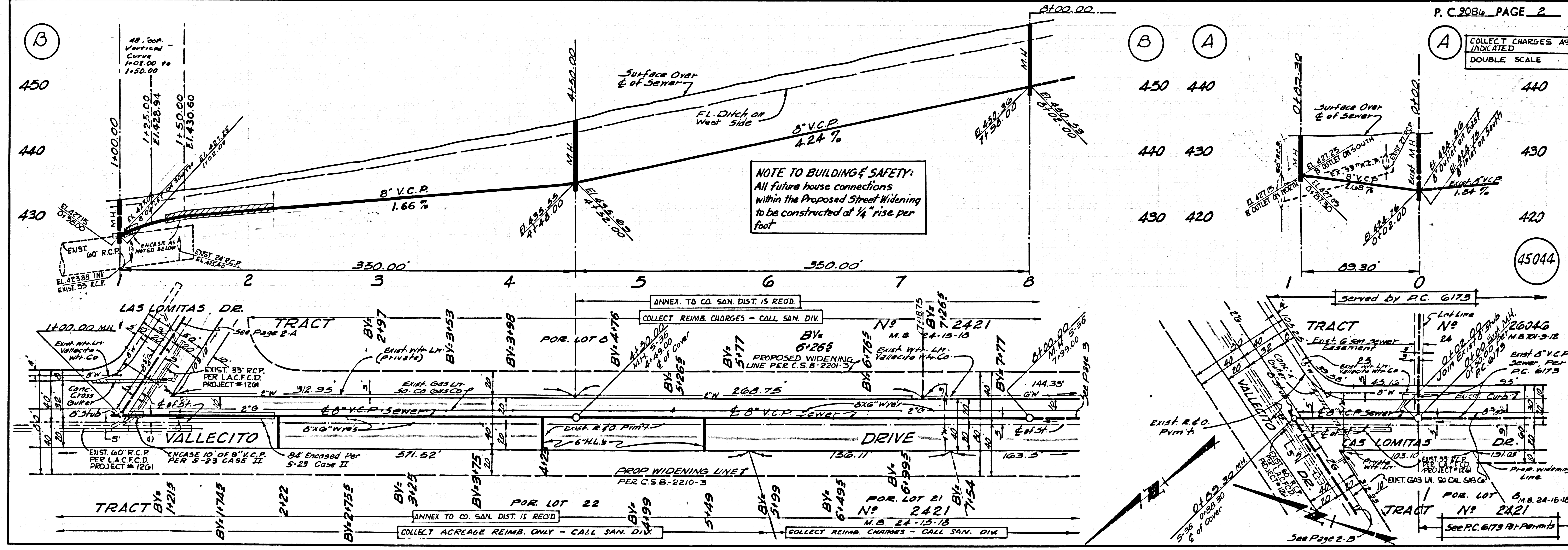
45043

J.N. 0250.02

- NOTES: GENERAL AND CONSTRUCTION
1. PROFILE 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 "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.
 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 DESIGN DIVISION BY TELEPHONE, (213) 674-1283, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 7. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-36 EXCEPT AS NOTED.
 8. VIE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWER'S EXCEPT AS NOTED.
 9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 10. VERIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", "F" OR "G" PER STANDARD SPEC. 208-2.
 11. REFER TO SECTION 7-10-4-1 OF THE STANDARD SPEC. REGARDING SAFETY DEVICES.
 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 4 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 FOR LEAKAGE PER SECTION 304-14 OF STANDARD SPEC. AND SPECIAL PROVISIONS.
 17. ALL JOINTS BETWEEN CAST IRON PIPE AND WYRDRED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT TYPE "C" OR "D" (WITH BUSHING IF NECESSARY) PER STANDARD SPEC. 208-2. FULL COMPLIANCE WITH SECTION 304-1.5 OF THE STANDARD PROVISIONS SHALL BE OBSERVED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL, COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE FURNISHED BY THE CONTRACTOR PRIOR TO THE ISSUANCE OF A CERTIFICATION OF PARTIAL ACCEPTANCE.
 18. SPECIAL BACKFILL IN DESIGNATED AREAS:
 (A) BACKFILL TRENCH AND REPLACE OTHER EARTH BENEATH 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 D-1557-67 AS SUBMITTED TO THE CONSTRUCTION DIVISION.

1160 20. Stations in circles indicate House Laterals or Vies that must not be constructed upstream of their station.

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.



NOTE TO BUILDING SAFETY:
 All future house connections within the Proposed Street Widening to be constructed at 1/4" rise per foot

P.C. 9086 PAGE 2
 COLLECT CHARGES AS INDICATED
 DOUBLE SCALE

45044

