

SANITARY SEWERS

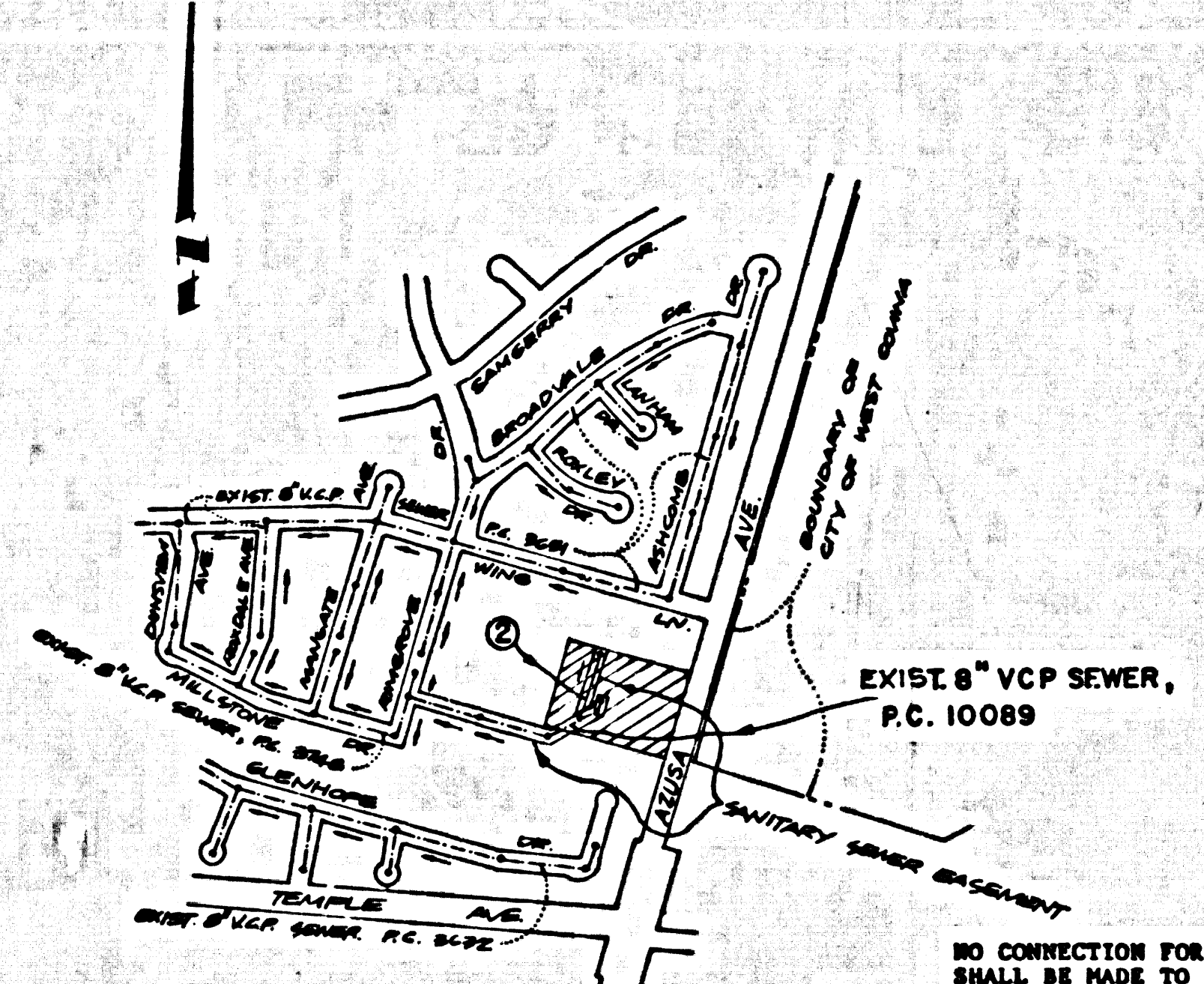
TO BE CONSTRUCTED IN
SANITARY SEWER R/W
W/O AZUSA AVENUE

PRIVATE CONTRACT NO. 10119

W.S. 38-C,2
1 SHEET, 2 PAGES
SCALE: HORIZ. 1"=40' VERT. 1"=4'
JAN. 1983
PREPARED IN THE OFFICES OF
CHENG & ASSOCIATES
710 S. GARFIELD AVE., ALHAMBRA, CA. 91801
REG. C. E. No. 27769

50097

B.M. CG 3632 ELEV. 400.027
LAT 1 FT. S. BCR 68 FT. N. A
45 FT. W. C/L INT. AZUSA AVE.
B TEMPLE AVE.
BASE LINE QUAD. 19-75



INDEX MAP
SCALE: 1"=600'
SANITARY SEWER R/W W/O AZUSA AVE.
P.C. 10119

NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER

ISSUE NO HOUSE CONNECTION PERMITS
UNTIL R.C. 10089 IS ACCEPTED.

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND
UTILITY LINES OR STRUCTURES SHOWN ON THIS PLAN
WAS OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS
TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING
UTILITIES EXCEPT AS SHOWN ON THIS PLAN. THE CON-
TRACTOR IS RESPONSIBLE TO OBTAIN THE NECESSARY
PERMITS TO PROTECT THE UTILITIES SHOWN
AND ANY OTHER LINES NOT OF RECORD OR NOT
SHOWN ON THIS DRAWING.

- GENERAL NOTES:
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1988.
 - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 - 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.
 - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THESE 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.
 - 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. _____ AND PAY A FEE TO THE COUNTY ENGINEER, 580 S. VERNON AVENUE, LOS ANGELES, CA 90008, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 - IF WORK IS TO BE DONE ON A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
 - 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.
 - REFER TO SECTION 716.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - 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 LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER, 580 SOUTH VERNON, RM. 408, LOS ANGELES, CALIFORNIA 90008, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

- CONSTRUCTION NOTES:
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1982 EDITION WITH SUPPLEMENTS) AND COUNTY ENGINEER'S SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1979, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY TELEPHONE 726-5156, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THE CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH 1/4" RISE PER FOOT TO MAIN LINE EXCEPT AS NOTED.
 - WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-36 EXCEPT AS NOTED.
 - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 - MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 - WITHELD CLAY PIPE SHALL BE TYPE "D" OR "B" PER STANDARD SPECIFICATIONS SECTION 305-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-32 CASE 8, 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 SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-32 CASE 9 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND WITHELD CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", (WITH WASHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 305-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 305.1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FULL COMPLIANCE WITH SECTION 305.1.33 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
 - SPECIAL BACKFILL IN EASEMENT CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT OF THE BUILDING AND SAFETY DIVISION; (B) ALL BACKFILL AND EARTH REPAVED SHALL BE COMPACTED TO A MINIMUM OF 80% OF MAXIMUM DENSITY PER A.S.T.M. STD. METHOD OF TEST D698-67 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

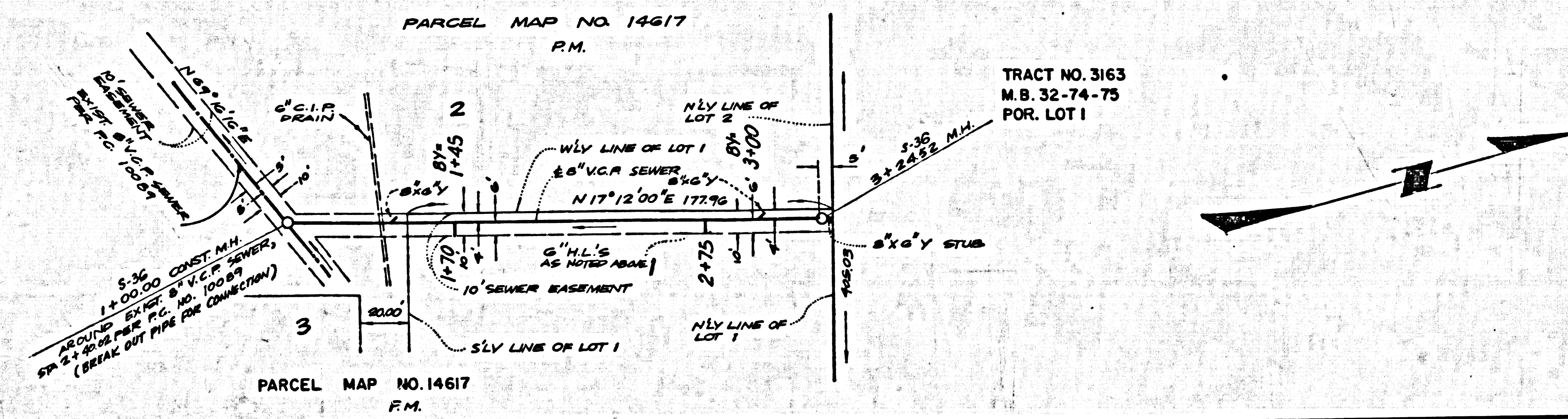
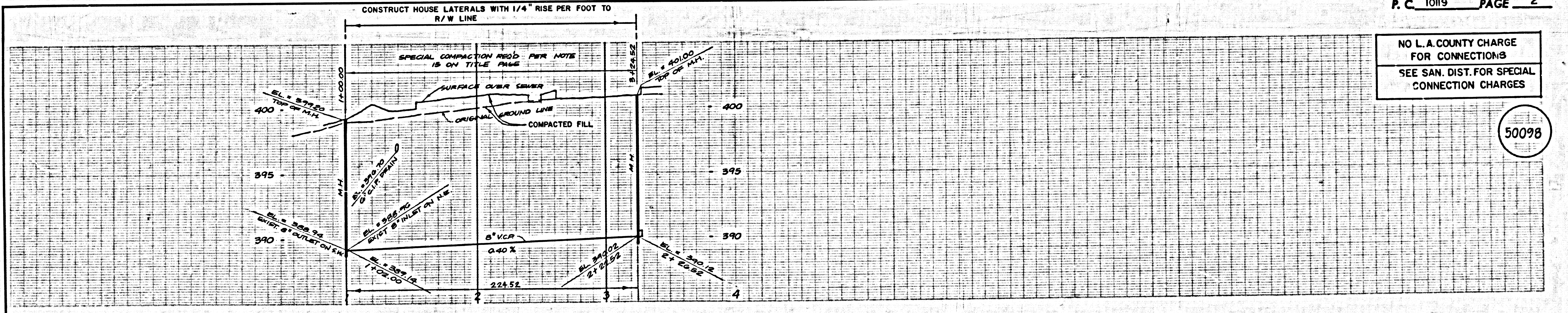
THE FOLLOWING LATEST REVISION STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

LEGEND	5-1
MINIMUM PUBLIC SAFETY ENCLOSURES	5-2
BRICK MANHOLES	5-3
STANDARD MANHOLES STD	5-7
BRIDGING FOR SEWER PIPE	5-21
CRACKING AND BRACING	5-30
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ROCKING MANHOLE FRAMES AND COVERS	5-30
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COUNTY OF LOS ANGELES, CALIFORNIA
STEPHEN J. KOONCE, COUNTY ENGINEER
WALTER E. GARRISON, CHIEF ENGINEER
CO. SAN DIST. NO. 10
APPROVED: *Steph J. Koonce* DATE: *1/14/83*
SAN DIMAS REGIONAL ENGINEER DATE: *1/14/83*
CHECKED: *Ralph Daniel Hunt* DATE: *1/14/83*
REG. C.E. NO. 16873
LA PUENTE BLDG. DIST. 200

NO L.A. COUNTY CHARGE
FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL
CONNECTION CHARGES

50098



81101 C9

AVA AZUSA OLV W/R SEWES YPATINAS