

B.M. C.L. 112 ELEV. 2717.442
 C.S. MON. IN WELL DN 14 IN. @
 C.I. INT. AVE. R DIVISION ST.
 H.K.D. (27 26 34 35 TGN R12W)
 PALMDALE QUAD. 1980 USE N EDGE

DOUBLE SCALE

SANITARY SEWERS

TO BE CONSTRUCTED IN
 AVENUE R
 BETWEEN DIVISION ST AND 5TH ST. EAST
 PRIVATE CONTRACT NO. 10332

A-145 A-1
 1 SHEETS, 2 PAGES

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

PREPARED IN THE OFFICES OF
 MCCUTCHAN PROPERTY CONSULTANTS, 265 N. SAN GABRIEL BLVD.
 PASADENA CALIF. 91107
 BY: *Don E. Williams*
 REG. C.E. No. 16723

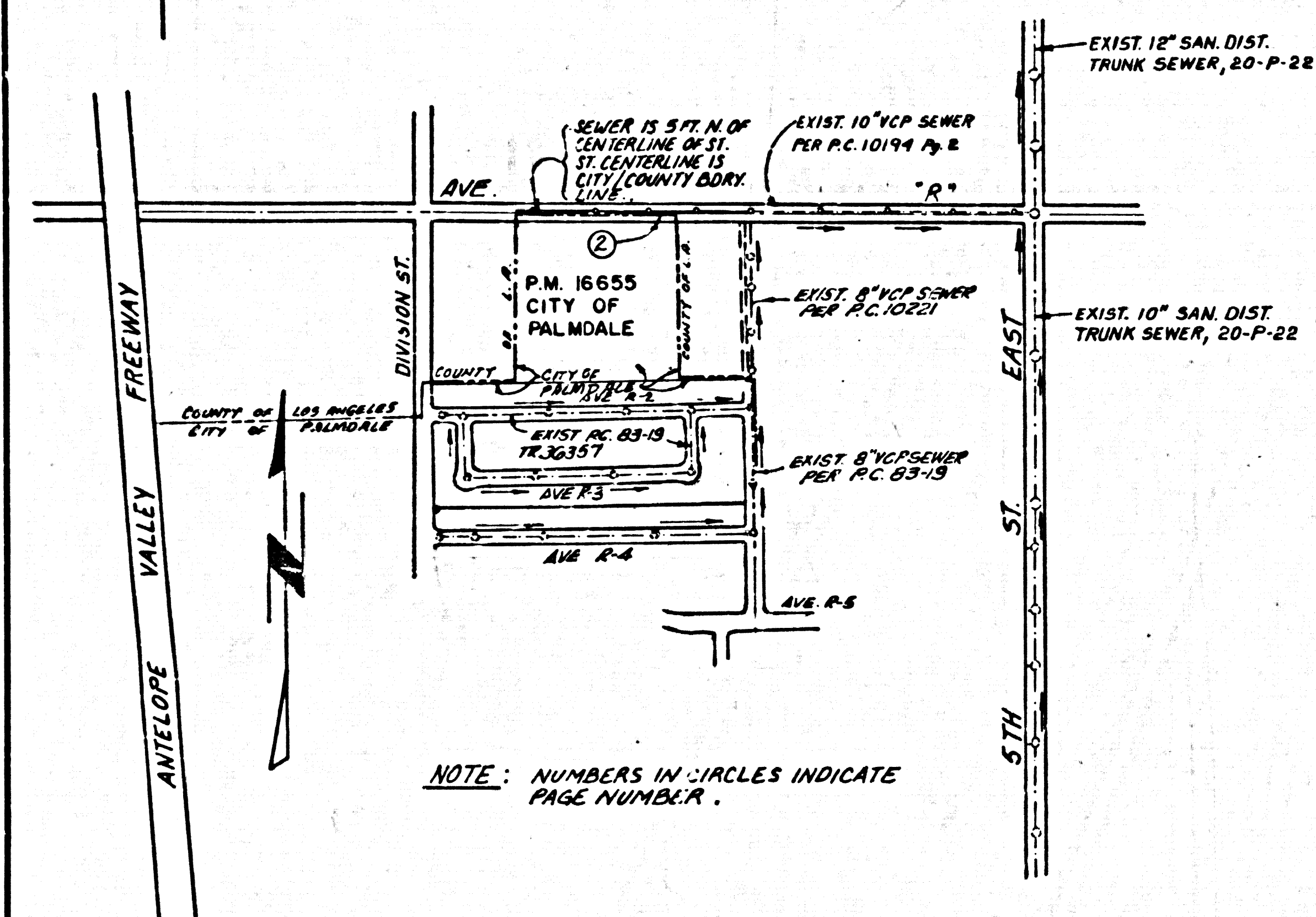
51057

GENERAL NOTES: (CONTINUED)
 12. ALL REFERENCE TO T.S. PLAN TO THE COUNTY ENGINEER, THE ROAD DEPARTMENT, OR THE FLOOD CONTROL DISTRICT SHALL APPLY TO THOSE APPROPRIATE SECTIONS OF THE DEPARTMENT OF PUBLIC WORKS.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (305) 942-5027 SO THAT REQUIRED INSPECTION CAN BE MADE.

- GENERAL NOTES:
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 - NO REVISIONS SHALL BE MADE TO 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 LOCUS SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 14" BRANCHES AND SHALL PROVIDE STAKES FOR THE SAME 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. 5 AND PAY A FEE TO THE COUNTY ENGINEER 5508 VERMONT AVENUE L.A. CALIF. 90020 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 - 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.
 - 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 7.8.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY CORDS.
 - PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE L.A. CO. 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 CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER 5508 VERMONT AVENUE L.A. CALIF. 90020, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.



INDEX MAP
 P.C. 10332
 SCALE: 1" = 600'
 AVE. "R"

LOS ANGELES COUNTY ENGINEER
 FACILITIES CONSOLIDATED SEWER
 MAINTENANCE DISTRICT.

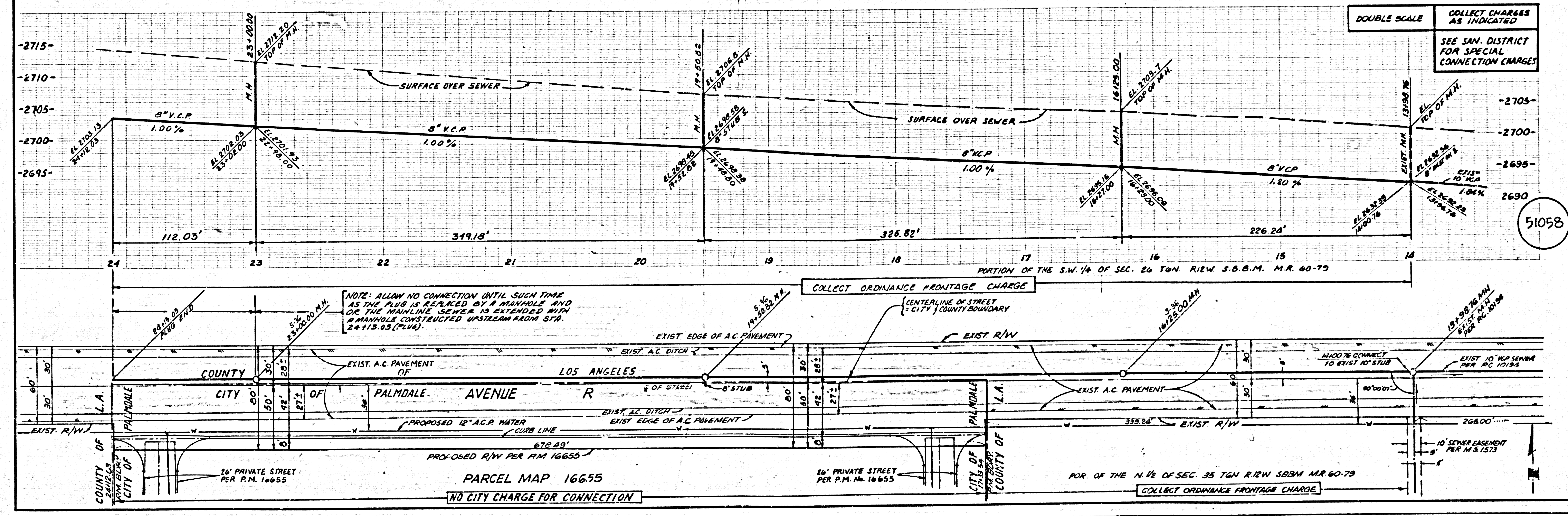
H. R. Haggard
 REVIEWED BY: DATE: 3/13/85

- CONSTRUCTION NOTES:
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1982 EDITION WITH 1983 SUPPLEMENTS) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1976 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL SERVICES BY PHONE (213) 738-2175 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE 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-3L 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 AREAS MAY BE SIX INCHES ABOVE FINISHED GRADE.
 - WITHEDED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "B" PER STANDARD SPECIFICATIONS SECTION 308-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-25, CASE II, 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-25, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEDED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", (WITH BRUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 308-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - RESURFACE 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 308-1.3.5 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 THIS DEVELOPMENT BY THE COUNTY ENGINEER. (B) ALL BACKFILL AND OTHER REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STD. METHOD OF TEST D6937 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL SERVICES.

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

SEWER	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-3L
WORKING FOR SEWER PIPE	S-4
CHASING AND ENCASING	S-5
WYE OR TEE SUPPORT	S-6
ALLOWABLE TRENCH WIDTHS	S-7
ADJOINING MANHOLE POLLS AND COVER	S-8
NON-IMPURIFIED PRECAST CONCRETE MANHOLE	S-9
DESIGN REQUIREMENTS FOR SANITARY SEWERS IN THE VICINITY OF PRESSURE WATERMANS	S-11

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. IDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARR, CHIEF ENGINEER
 APPROVED: *Thomas A. Idemanson* DATE: 3/15/85
 APPROVED: *Charles W. Carr* DATE: 3/15/85
 CHECKED: *John J. Hill* DATE: 5-11-85
 REG. C.E. NO. 16841
 LANCASTER BLDG. DIST. 8



DOUBLE SCALE
 COLLECT CHARGES AS INDICATED
 SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES

NOTE: ALLOW NO CONNECTION UNTIL SUCH TIME AS THE PLUG IS REMOVED BY A MANHOLE AND OR THE MAINLINE SEWER IS EXTENDED WITH A MANHOLE CONSTRUCTED UPSTREAM FROM S.P.N. 24 113.03 (PLUG).

PARCEL MAP 16655
 NO CITY CHARGE FOR CONNECTION

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