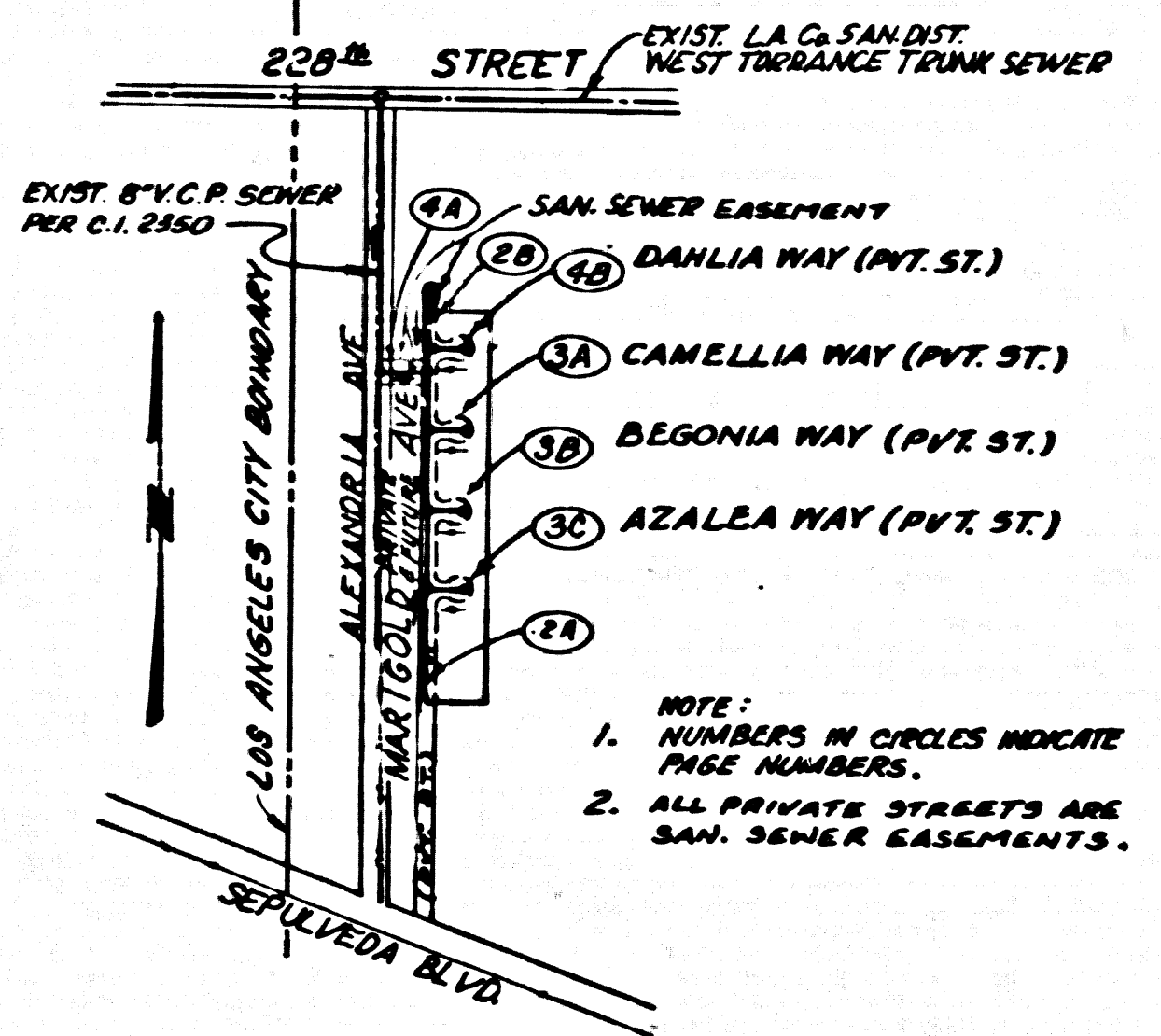


B.M. CY 9693 ELEV. 56.060
 R.D.M. TAG IN E.P.A.C.A. @ S.E. COR.
 SEPULVEDA BLVD. & N.ORMANDIE AVE.
 4.4 FT. S. 105 FT. E. 1/4 IN.
 GARDENA QUAD. 1980



INDEX MAP
 P.C. 10788 TR. NO. 43755
 SCALE: 1" = 600'
 THOMAS & FERGUSON

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 (213) 638-1161 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 IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE ENGINEER SHALL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THE 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 GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE CONSTRUCTION WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 14" 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.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE SANITATION DISTRICTS AND THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, SECTION 11, DIVISION NO. 5, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 800 S. FREMONT AVE., ALHAMBRA, CA 91805 PER F.L. 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 OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 15.4.1 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 DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD ELEMENT AT THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR DOCUMENTATION AND INSPECTION FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 800 S. FREMONT AVE., ALHAMBRA, CA 91805 PER F.L. TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1988 EDITION) AND THE PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1976, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS, DIVISION OF TELEPHONIC RECORDS AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 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 8-3 OR PRECAST CONCRETE MANHOLES PER 8-3. 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.
- WYTHROED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 805.2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-3. CASE 2 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 PROTECTED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-3. CASE 4 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WYTHROED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BACKFILL AS NECESSARY PER STANDARD SPECIFICATIONS, SECTION 805.4.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308.1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- REPAIR ALL EXISTING UTILITY PIPES AND TO REPAIR LOS ANGELES COUNTY PUBLIC WORKS IN CALIFORNIA STATE HIGHWAY RIGHT-OF-WAY AS NECESSARY PER 8-3.1.1.
- FULL COMPLIANCE WITH SECTION 308.1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR ALL 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 MATERIAL 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 TRACT BY THE LAND DEVELOPMENT DIVISION. (B) ALL BACKFILL AND WYTHROED CLAY SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST D1557 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONTRACTOR'S SUPERVISOR IN THE DEPARTMENT OF PUBLIC WORKS, DIVISION OF TELEPHONIC RECORDS.

TO BE CONSTRUCTED IN

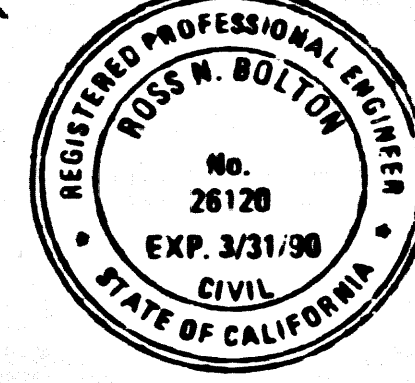
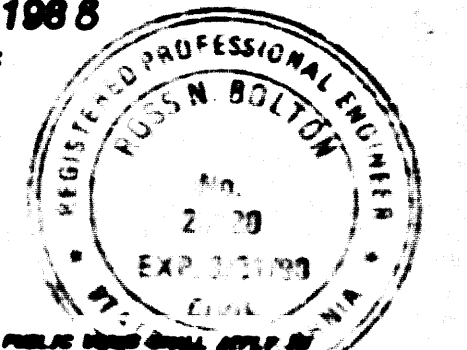
TRACT No 43755

PRIVATE CONTRACT NO. 10788

INDEX No. C33
 2 SHEETS, 4 PAGES

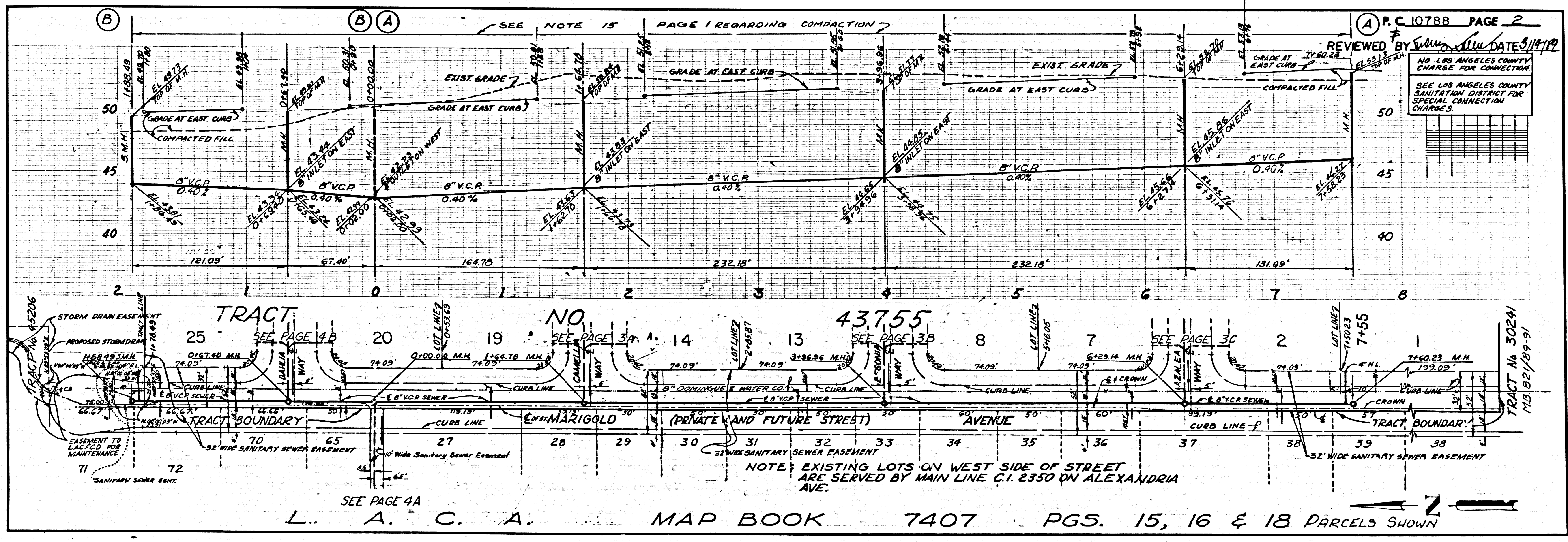
SCALE: VERT. 1" = 4' HORIZ. 1" = 100'
 NOV. 12, 1988
 PREPARED IN THE OFFICES OF

SOUTH BAY ENGINEERING CORPORATION
 304 TEJON PLACE, PALMS VERDES ESTATES, CA 90074
 BY: *[Signature]*
 REG. C. E. No. 26170
 TEL. NO. (213) 375-2556



IRON PIPE	84
BRICK MANHOLES	84
STANDARD MANHOLE TOP	84
BRICKS FOR SEWER PIPE	84
CHIMNEY AND ENCLOSURE	84
WYE OR TEE SUPPORT	84
ALUMINUM TRENCH SHIELD	84
WOODEN MANHOLE FRAMES AND COVERS	84
NON-REINFORCED PRECAST CONCRETE MANHOLES	84
RECTANGULAR SHALLOW MANHOLES	84
RECTANGULAR MANHOLE FRAMES & COVERS	84
PRECAST CONCRETE SHALLOW MANHOLES	84

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMAN
 DIRECTOR OF PUBLIC WORKS
 APPROVED: *[Signature]* DATE: 3/16/89
 REVIEWED: *[Signature]* DATE: 3/16/89
 WILSON, WILSON & ASSOCIATES
 510 W. C.E. NO. 16197
 LOMITA M.D.G. DIST. 12



SEE PAGE 4A
 L. A. C. A. MAP BOOK 7407 PGS. 15, 16 & 18 PARCELS SHOWN

