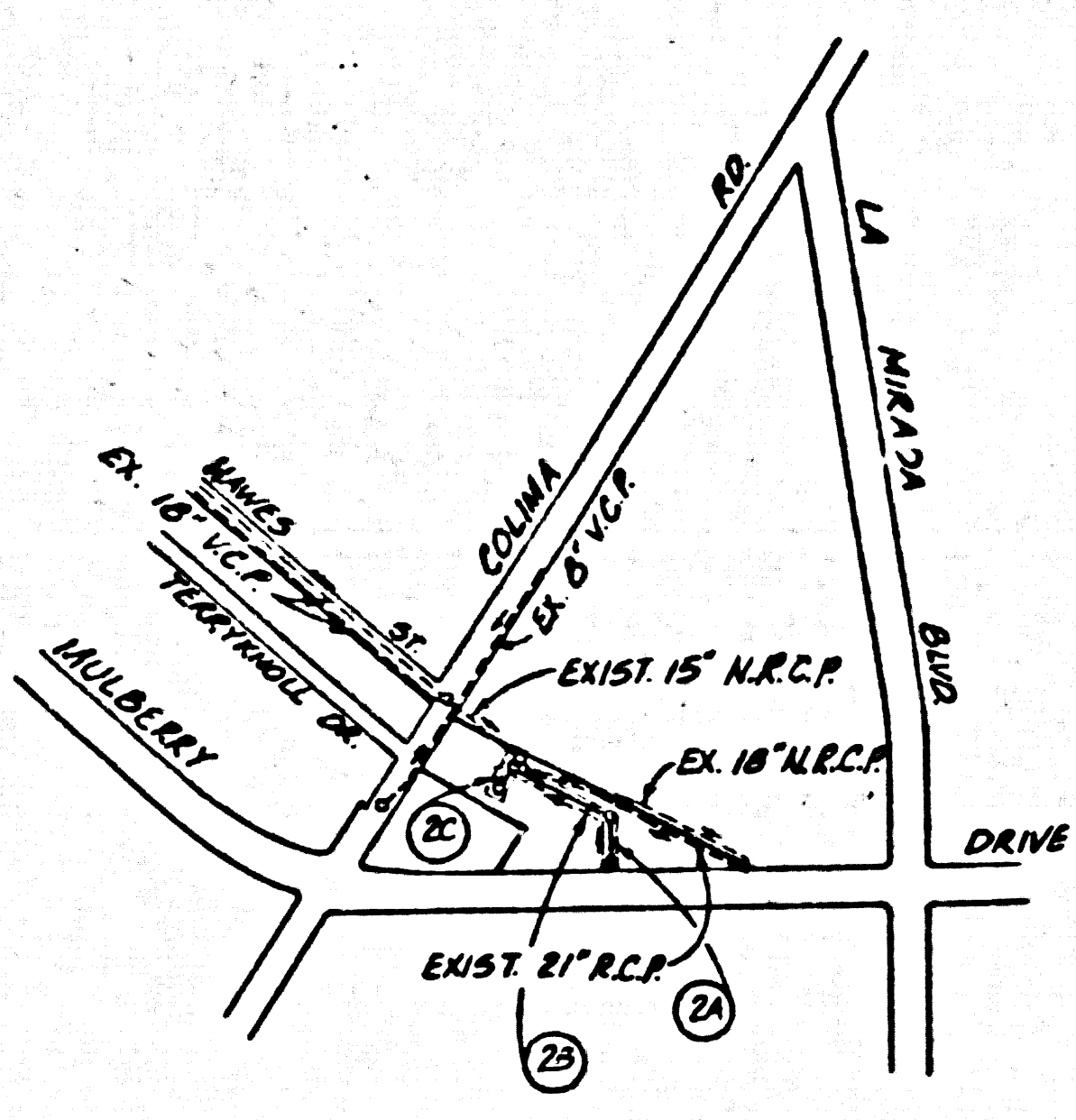


B.M. C.Y. 8207 ELEV. 1972.13  
 R.O.S.M. TAG 1 FT N.B.C.R. INTO RET. @ SW  
 COR. LAMBERT RD + COLUMA RD TOFS +  
 40 FT W.C.L. INT.  
 Santa Fe QUAD. 1982

REVISION NO. 1 DATE 11-30-82  
 PAGE 2 LINE 6 REVERSED GRADE STA 1+00 TO 1+80.5'  
 PAGE 2 LINE 7 REVERSED JOIN FROM M.H. TO  
 EXIST. 18" R.C.P. TEE ON NEW TRUNK SEWER  
 APPROVED Ralph David Smith 12/9/82  
 OFFICE OF COUNTY ENGINEER



INDEX MAP  
 1" = 600'  
 TRACT NO. 39836  
 PC 9877

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 OF A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE - 962-8605 - 8605-8605 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 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 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 L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 9, AND PAY A FEE TO THE COUNTY ENGINEER, 84322 MARQUETTE, LOMITA REGIONAL OFFICE, 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, 130 SOUTH BRINDLEY 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 THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
  - REFER TO SECTION 7.0(A) OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY CORDS.
  - PRIOR TO THE ISSUANCE OF THE SPECIFIED SEWER CONSTRUCTION "SMIT", THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY PUBLIC WORKS DEPARTMENT, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER, 156 SOUTH TROBROTT, ROOM 406, LOS ANGELES, CALIFORNIA, 90016, DATED AS THE CERTIFICATE HOLDERS 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 SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 11/17/82. ALL WORK SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE SAN. DIST. DIVISION BY TELEPHONE, 738-8516 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - HOUSE LATERALS TO BE CONSTRUCTED WITH 1/2" RISE PER FT. TO THE EDGE OF THE FINISHED SURFACE.
  - "T" OR "Y" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
  - ALL STRUCTURES SHALL BE BUILT ONCE MANHOLES PER 50' OR PRECAST CONCRETE MANHOLES PER 50', 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 OF WAY TO BE 36 INCHES ABOVE FINISHED GRADE.
  - VERTICAL CURVE JOINTS SHALL BE 10' "T", "Y" OR "X" PER STANDARD SPECIFICATIONS SECTION 300.2.
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, 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 V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, CASE 2 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER JOINT TYPE "C" OR "B", WITH INSURING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 300.2.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 300.1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
  - REPAIRS ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - PER COMPLIANCE WITH SECTION 300.1.2 OF THE STANDARD SPECIFICATIONS 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 BASEMENT CONSTRUCTION  
 (1) BACKFILL TRENCH AND REPLACE OTHER SANDS SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADE PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION.  
 (2) ALL BACKFILL AND SANDS REPLACED SHALL BE COMPACTED TO A DENSITY OF 98% OF MAXIMUM DENSITY PER S-2.3.2. EXCEPT WITHIN THE TRENCH AREA AS INDICATED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

TRACT NO. 39836  
 PRIVATE CONTRACT NO. 9877

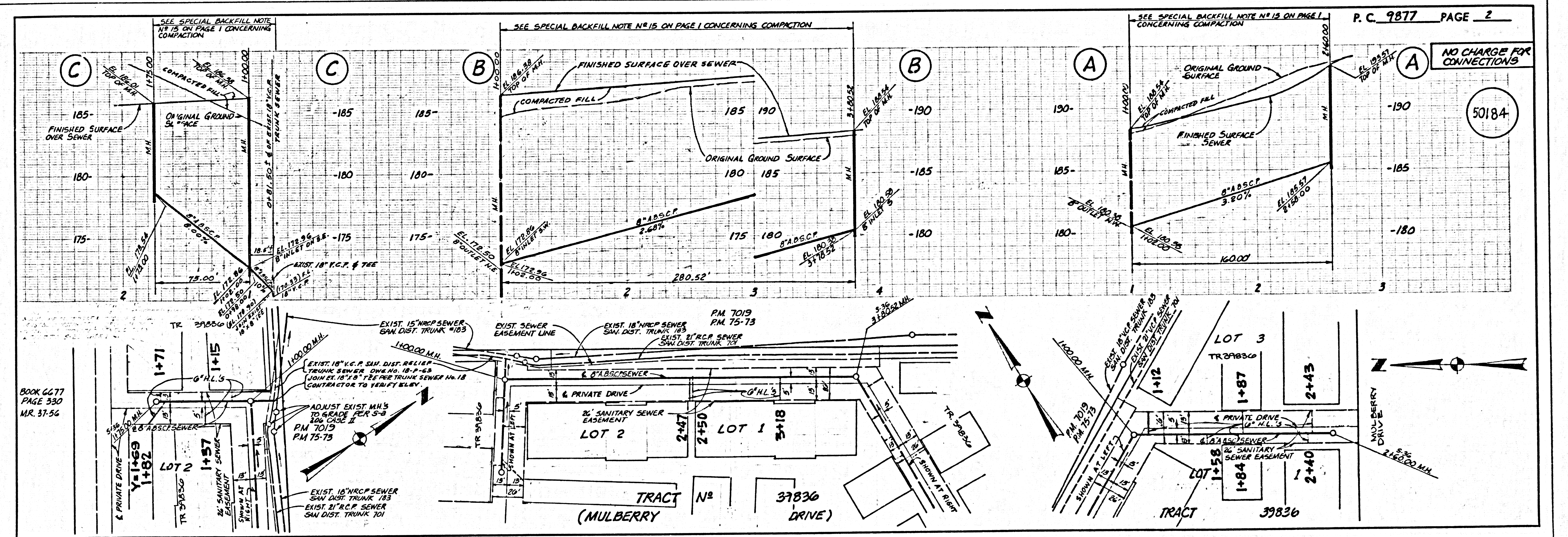
W.S. 34  
 1 SHEET OF 2 PAGES  
 SCALE: VERT. 1" = 4'  
 HORIZ. 1" = 40'  
 JUNE, 1980  
 PREPARED IN THE OFFICES OF  
 VANN & ASSOCIATES CIVIL ENGINEERS, INC.  
 1000 DUAL STREET, SUITE 170  
 NEWPORT BEACH, CA 92660  
 BY: John C. Vann  
 REG. C. E. No. 15004

50183

THE FOLLOWING LISTED 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
STANDARD MANHOLE STEP	5-3
RECORD FOR SEWER PIPE	5-4
CRACKS AND ENCASING	5-5
TYPE OR THE SUPPORT	5-6
ALUMINUM TRENCH BRIDGE	5-7
LOADING MANHOLE FRAME AND COVER	5-8
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-9

COUNTY OF LOS ANGELES, CALIFORNIA  
 STEPHEN J. KOONCE, COUNTY ENGINEER WALTER E. GARRISON, CHIEF ENGINEER  
 CO. SAN. DIST. NO. 18  
 APPROVED *Conrad Bond* 11/14/82 DATE  
 APPROVED *Ralph David Smith* 12/16/82 DATE  
 CHECKED *Ralph David Smith* 11/14/82 DATE  
 REG. C.E. NO. 10883  
 NHITZER BLDG. DIST. 11



1788 39 SEWER ON TRACT