

BENCH MARK - SQ 1706
 ± 30 FT NLY & 1/4 MI. OF HACIENDA BLVD.
 AND LUTWELER ± 8' ELY. 3.18' NLY.
 4' E. OF PAC. PYLONS; 30' DIA. - STD. C. SURV. STA.
 ELEV. 550.352 (WHITTIER, 1953)

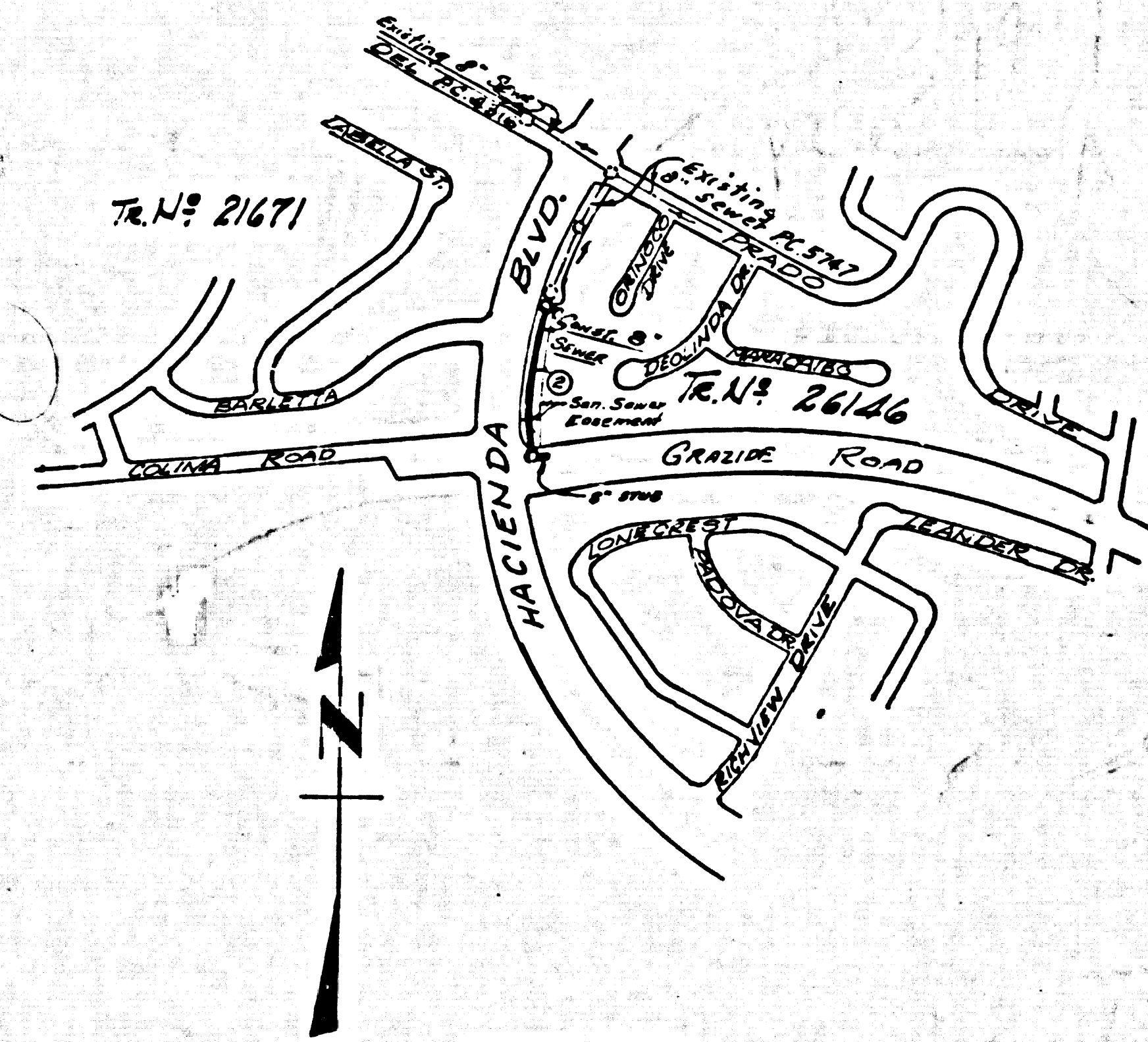
DOUBLE SCALE
 LA PUENTE BLDG. DIST. NO. 2

PROFILE ALIGNMENT AND GRADE OF P.C. 6163
 SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN JN C357.83

HACIENDA BLVD.
 R/W
 PRIVATE CONTRACT NO. 6163

W.S. 38
 1 SHEETS; 2 PAGES
 SCALE: VERT. 1"=8' JULY 1963
 HORIZ. 1"=40'
 PREPARED IN THE OFFICES OF
 BAKER, PAPPARD & ASSOCIATES
 615 S. MAIN ST. SUITE 100
 FULLERTON, CALIFORNIA 92631 & TR. 1-9510
 BY: William B. Barrett
 REG. C. E. NO. 9623

34041

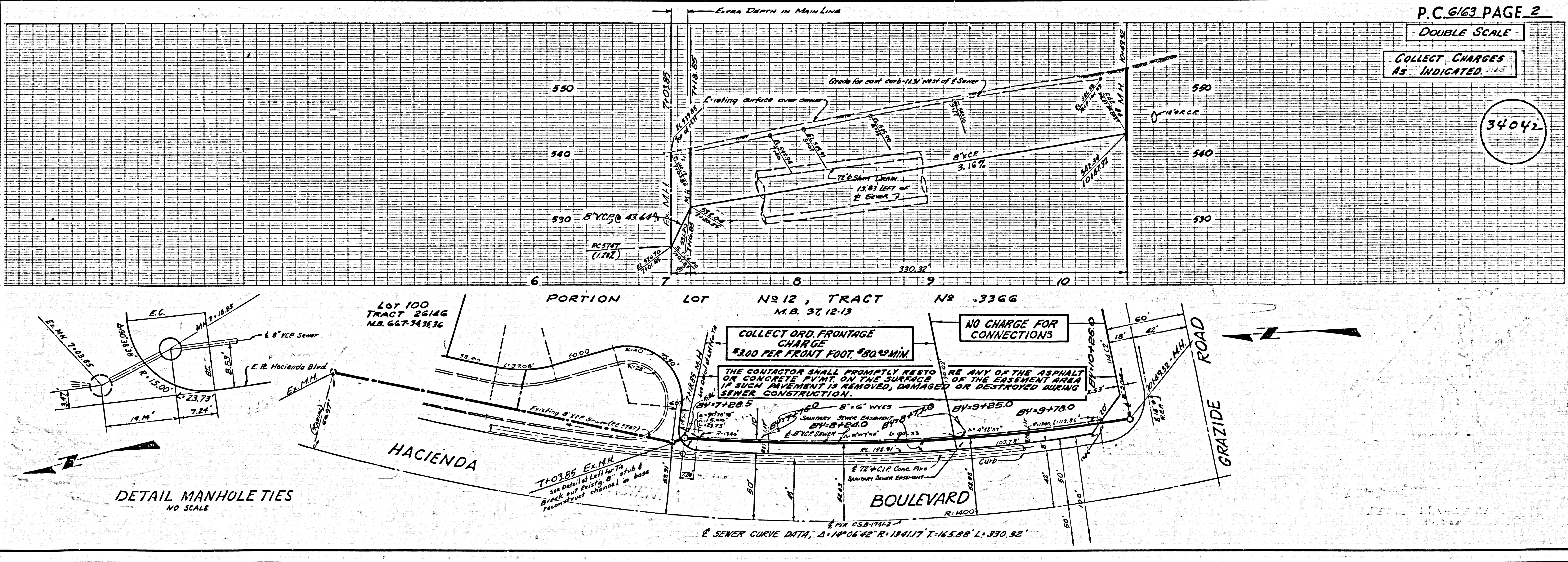


INDEX MAP
 Scale 1"=600'
 P.C. 6163
 HACIENDA BLVD. R/W SEWER

- NOTES:
1. PROVIDE 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 REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 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.
 4. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 5. USE STANDARD MANHOLE FRAMES AND COVERS, S-117, 24" DIA.
 6. USE EXTRA STRENGTH PIPE, ALL PIPE STANDARD DEPTH EXCEPT AS NOTED.
 7. USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPEC'S, SECS. 34 & 41, & 49.
 8. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L.A. COUNTY ROAD DEPT. OR CALIF. STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 9. ENCASE FOUR FEET OF SEWER AT POINTS OF INTERFERENCE WITH POLES, CASE III, S-172.
 10. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE RIGIDLY ENFORCED.
 11. MANHOLES SHALL BE BRICK SEWER STRUCTURES, S-104, PRECAST CONCRETE MANHOLES PER S-107 OR S-107A MAY BE USED FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 2, SPEC'S, SEC. 34.
 12. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE LEVEL WITH FINISHED GRADE.
 13. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 3-4147, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 14. THE PRIVATE ENGINEER SHALL FINISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 15. WHERE EVER GROUND WATER IS ENCOUNTERED DURING THE CONSTRUCTION OF THE SEWERS, THE R.C.P. JOINTS SHALL BE UP JOINT COMPOUND PER SPEC'S, SEC. 33 & 49, OR MECHANICAL COMPRESSION JOINTS PER SPEC'S, SEC. 49.
 16. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-172, CASE III, TWO FEET ON EITHER SIDE FROM THE POINT OF INTERFERENCE.
 17. 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 R.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-172, CASE III, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.

COLLECT CHARGES AS INDICATED.
 Approved: Joseph B. Gramlich, Dist. S-5-63
 INDUSTRIAL WASTE DIVISION
 Donald R. Olson 3/4/63

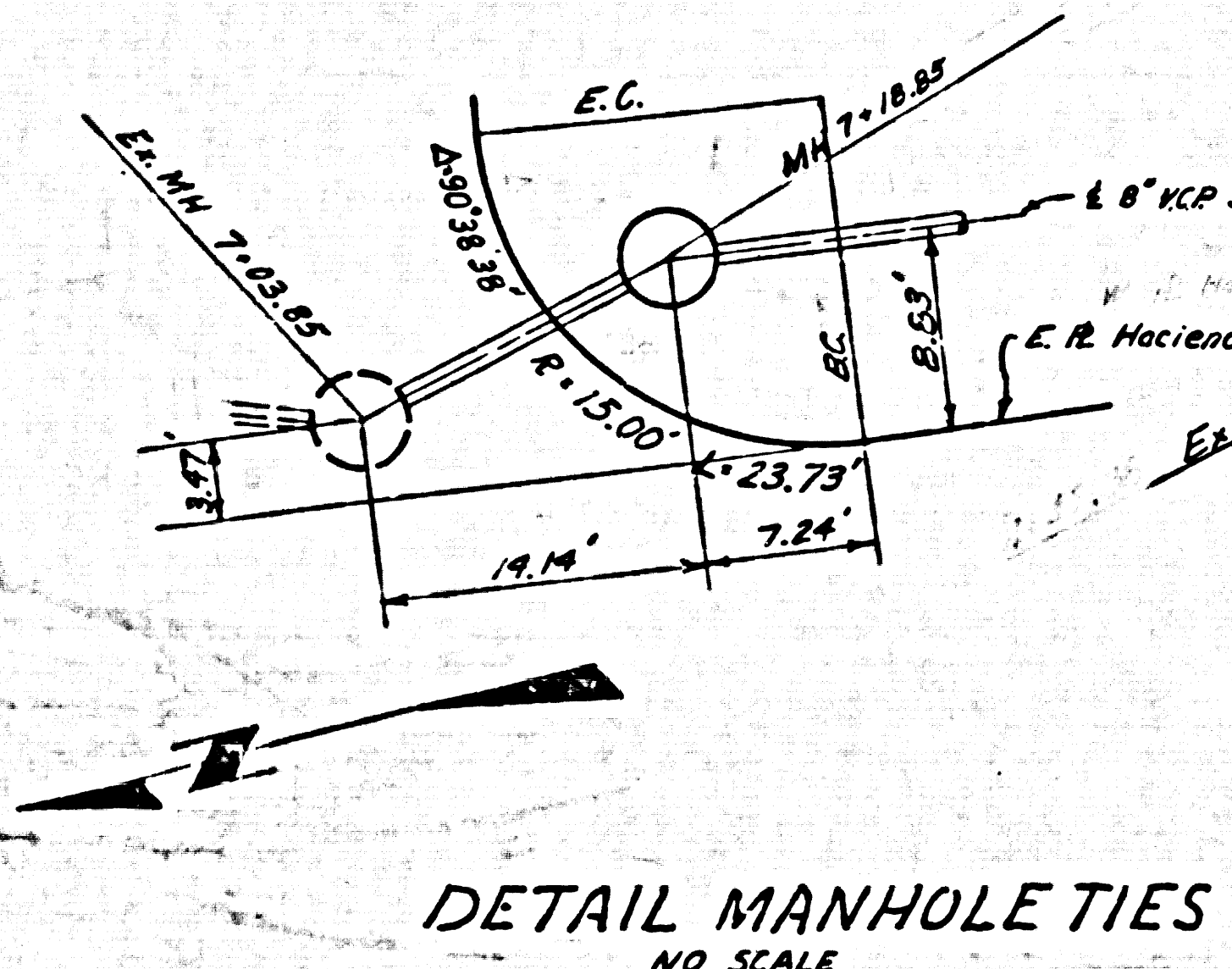
NOTE:
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A 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.
 WORK SHALL BE CONSTRUCTED ACCORDING TO SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 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. 1, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 50 COUNTY ENGINEERS BLDG., 100 N. 2ND ST., L.A., SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 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.
 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.
 COUNTY OF LOS ANGELES, CALIFORNIA
 APPROVED, JOHN A. LAMBIE, COUNTY ENGINEER APPROVED, J.D. PARSONS, CHIEF ENGINEER
 BY: [Signature] ASST. SANITATION ENGINEER BY: [Signature] OFFICE ENGINEER
 CHECKED BY: [Signature] OFFICE OF COUNTY ENGINEER, REG. C. E. NO. 3441
 SUBMITTED, Gordon W. Kiesel 3-2-63 SAN DIMAS REGIONAL ENGINEER



P.C. 6163 PAGE 2

DOUBLE SCALE
 COLLECT CHARGES AS INDICATED

34042



DETAIL MANHOLE TIES
 NO SCALE

COLLECT ORD. FRONTAGE CHARGE \$300 PER FRONT FOOT, \$90.00 MIN.

NO CHARGE FOR CONNECTIONS

THE CONTRACTOR SHALL PROMPTLY RESTORE ANY OF THE ASPHALT OR CONCRETE PAVEMENT SURFACE OF THE EASEMENT AREA IF SUCH PAVEMENT IS REMOVED, DAMAGED OR DESTROYED DURING SEWER CONSTRUCTION.

SEWER CURVE DATA, Δ=1°06'42" R=1341.17 T=165.68 L=330.32