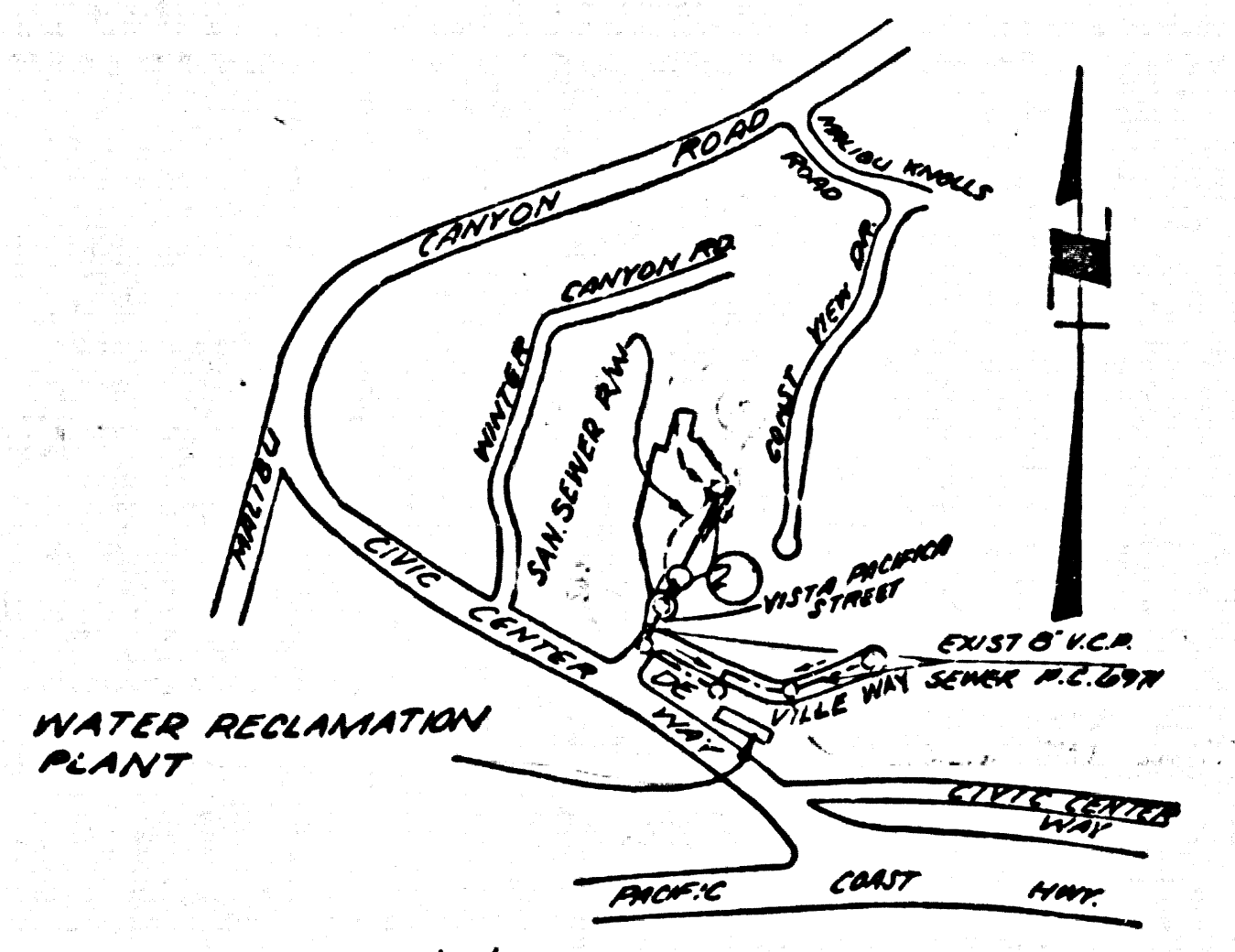


B.M. CY 9120 ELEV. 208.062
 ROBM TAG IN WLY CB MALIBU CYN.
 125 FT. NLY MALIBU CYN. N.G. & 35 FT.
 WLY CIVIC CENTER WALK.
 MALIBU QUAD. 1980

DOUBLE SCALE



NOTE: Numbers in circles indicate page numbers.
 INDEX MAP
 TRACT NO. 37857
 SCALE 1"=600'
 PG. 10188

REVISION No. 1 DATE 3-30-89
 DELETED: 2A. REVISED SEWER GRADES & ALIGNMENTS;
 WEST GUTTER GRADE; STATION & BUILDING LOCATIONS;
 REVISED LOCATIONS OF H.L.S.
 APPROVED: *Ralph David Smith* 4/8/84
 OFFICE OF COUNTY ENGINEER

REVISION No. 2 DATE 4/30/84
 REVISED SEWER MAINLINE ALIGNMENT BETWEEN STA. 0+99.62
 AND 1+60.00
 APPROVED: *Caroly O. Hall* 4-30-84
 OFFICE OF COUNTY ENGINEER

ISSUE NO HOUSE CONNECTION
 PERMITS UNTIL TREATMENT
 PLANT IS EXPANDED AND
 ACCEPTED BY COUNTY OF L.A.

- 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 "T" 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. 2, AND PAY A FEE TO THE COUNTY ENGINEER, 250 SOUTH HOPEWELL AVE., LOS ANGELES, CALIFORNIA 90005 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 11.6.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - PROVIDE THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT TO THE CONTRACTOR SHALL BE OBTAINED AND SHALL WITH THE COUNTY ENGINEER, OCCUR ON THE PROPERTY TO BE EXCAVATED IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPT. A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A LICENSE OF A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF CALIFORNIA DIVISION OF COUNTY ENGINEER, 250 SOUTH HOPEWELL AVE., LOS ANGELES, CALIFORNIA 90005, MUST BE OBTAINED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO COMMENCEMENT OF WORK.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN
TRACT NO. 37857
PRIVATE CONTRACT NO. 10188
 INDEX 126 5 073 C-302
 W.S. 91
 1 SHEETS, 2 PAGES
 SCALE: VERT. 1"=8'
 HORIZ. 1"=80'
 PREPARED IN THE OFFICES OF
 MALCOM, INC.
 1429 THOUSAND OAKS BLVD.
 THOUSAND OAKS, CALIF. 91320
 BY: *Donald G. Waits*
 REG. C. E. No. 27364

- CONSTRUCTION NOTES:
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1988 EDITION) WITH 1983 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 12/28/83, AND SHALL BE PRELIEVED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY TELEPHONE, 730-1816, AT LEAST THIRTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT 8" V.C.P. LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - WYE ON THE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S.3. OR PRECAST CONCRETE MANHOLES PER S.3A, 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 IMPROVED RIGHTS OF WAY TO BE LEVEL WITH FINISHED GRADE.
 - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", OR "C" PER STANDARD SPECIFICATIONS SECTION 306-2.
 - 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 SLEEVE JOINT, TYPE "C" OR "B", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.9 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.
 - PERFORMANCE WITH SECTION 306-1.2B 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 ANALYSIS OF BACKFILL (CONSTRUCTION) IN BACKFILL TRENCHES MAY REPLACE OTHER BACKFILL OR BE USED TO ACHIEVE THE MAXIMUM OF FINISHED GRADES AND SLOPES SHOWN ON THE ORIGINAL PLAN SUBMITTED FOR THIS IMPROVEMENT BY THE BUILDING SAFETY DIVISION. ALL BACKFILL AND SAND EQUIVALENTS SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY AND A 1.5% METHOD OF TEST AS MODIFIED. CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

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 MANHOLES	S-3
STANDARD MANHOLE STYP	S-17
BRIDGING FOR SEWER PIPE	S-21
CRABBING AND SPICASSUMPT	S-28
WYE OF THE SEWER	S-36
ALLOWABLE TRENCH WIDTHS	S-38
LOCKING MANHOLE FRAME AND COVER	S-39
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-39

COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KADANCE, COUNTY ENGINEER
 APPROVED: *George D. Arnold* 10-20-83
 CHECKED: *Ralph David Smith* 10/24/83
 REG. C. E. NO. 16883
 MALIBU BLDG. DIST. 22

