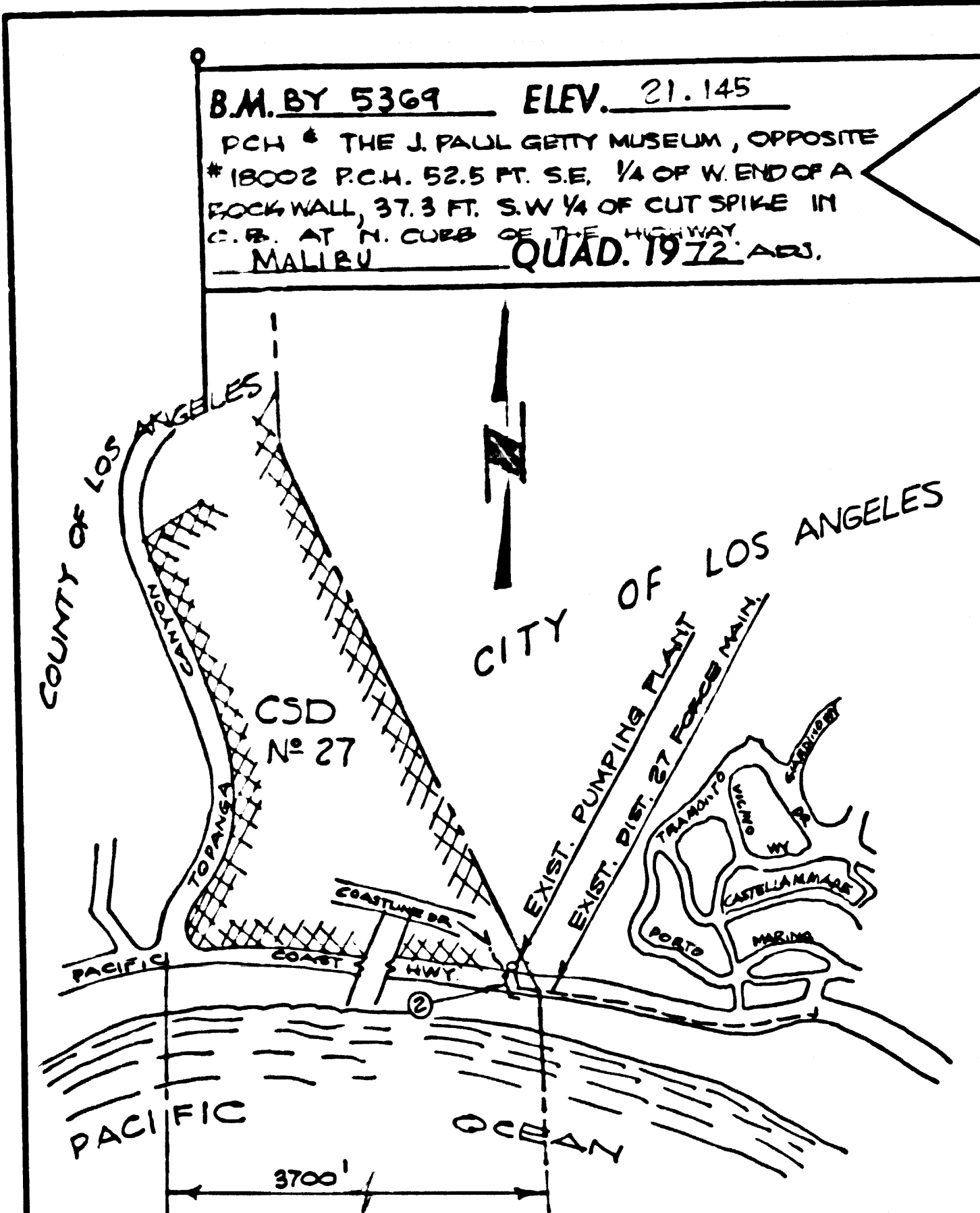


TO BE CONSTRUCTED
PACIFIC COAST HIGHWAY X-ING
PRIVATE CONTRACT NO. 9038

W.S. 58
 1 SHEETS, 2 PAGES
 SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 MARCH, 1974
 PREPARED IN THE OFFICES OF
BOETTCHER ENGINEERING & CONTRACTING
 BY: *Harold M. Long*
 REG. C. E. No. 16,993



INDEX MAP
 PACIFIC COAST HIGHWAY X-ING
 SCALE 1" = 600'
 P.C. 9038

UNDERGROUND STRUCTURES

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERE TO AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED; NOT INDICATED ON THE PUBLIC RECORDS EXAMINED; LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

Harold M. Long Reg. C.E. # 16,993

COUNTY SANITATION DISTRICTS SHALL BE NOTIFIED 24 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE REQUIRED NOTIFICATION CAN BE MADE BY TELEPHONE AT (PHONE NO. 638 1161).

COMMENCEMENT OF CONSTRUCTION OF MANHOLE ON DISTRICT JURISDICTION SHALL BE:

ACCEPTANCE OF THE PROJECT

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS UNLESS THE DISTRICTS HAVE BEEN ADVISED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

REVISION NO. 2	MAY 30, 1974
CHANGE 20" STEEL CASING THICKNESS TO 1/4" INCH	
APPROVED	<i>Shirley Jones</i> 19166
MALIBU REGIONAL OFFICE RE. NO.	
REVISION NO. 1	MAY 17, 1974
M.H. AT STATION 1+11.20 MOVED TO STATION 1+01.50	
APPROVED	<i>Shirley Jones</i> 19166
MALIBU REGIONAL OFFICE RE. NO.	

GENERAL NOTES:

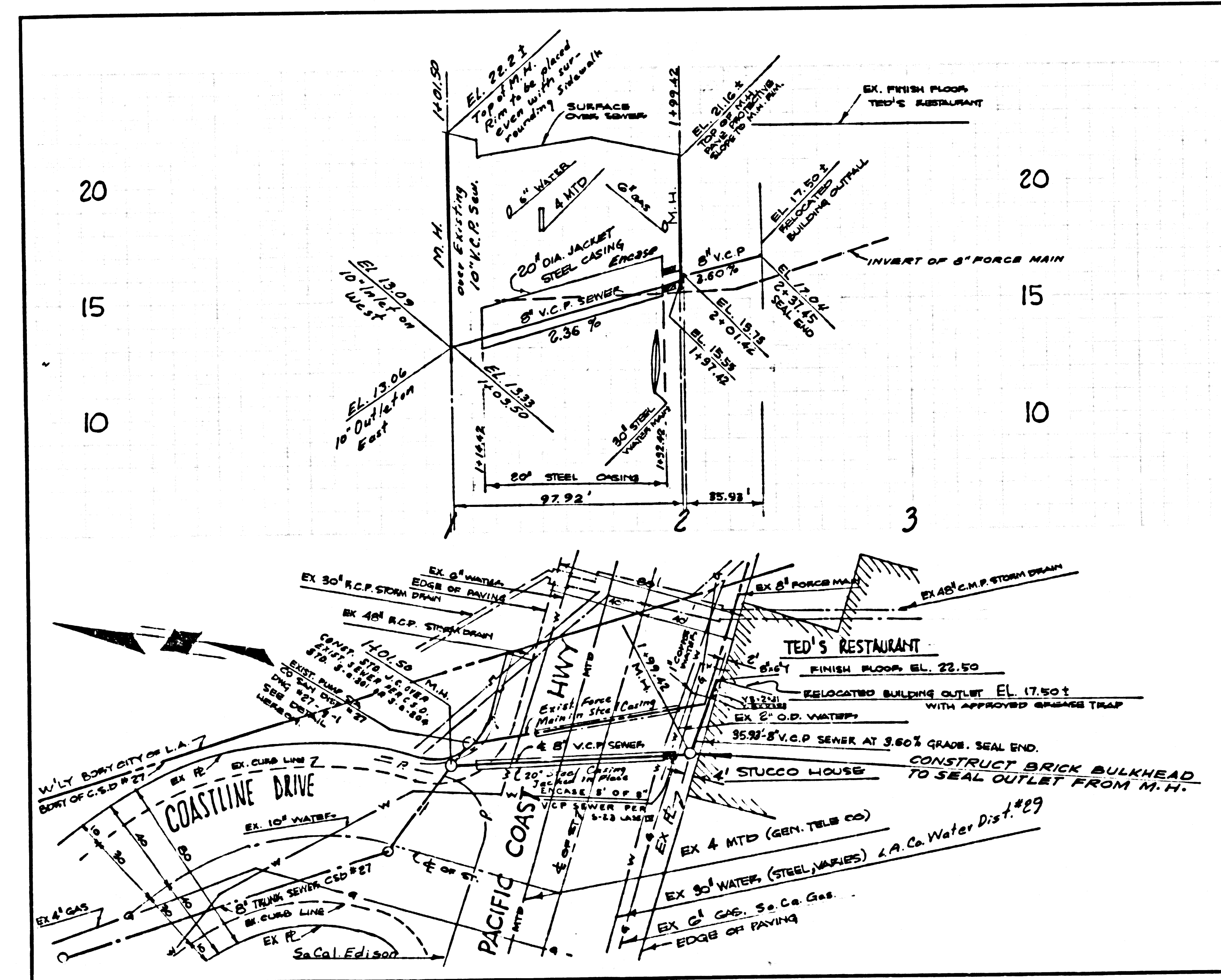
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- NO REPRESENTATION OF THE COUNTY ENGINEER WILL BE MADE AS TO THE LOCATION OF ANY POINTS OF THE WORK.
- GRADES TO WHICH THE IMPROVEMENTS ARE TO 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 PROPOSED 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 SEPTA 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. 3 AND PAY A FEE TO THE COUNTY ENGINEER, J.E. TOWN, 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 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 716.41 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
- Prior to resumption of the required sewer construction permit by the County Engineer, the contractor shall obtain a permit to excavate, from the State of California, Division of Industrial Safety.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1973 EDITION AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED March 1, 1974 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE DESIGN DIVISION BY TELEPHONE, (PHONE NO. 7283) 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-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 UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "F", OR "G" 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 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 V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, CASE II 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 RUBBERING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 300.2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306.4-F OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- REPLACE 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 306.1.3-B 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.
- CONTRACTOR IS TO NOTIFY CSD #27 48 HOURS BEFORE STARTING WORK.
- CONTRACTOR IS TO VERIFY LOCATION OF EXISTING UTILITY PRIOR TO STARTING ANY CONSTRUCTION & NOTIFY ENGINEER OF ANY DEFICIENCIES.

45022

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER
 CO. LICENSE NO. 27
 APPROVED *Shirley Jones* 4/16/74 APPROVED *John D. Parkhurst*
 REGIONAL ENGINEER (DATE) OFFICE ENGINEER
 CHECKED *Shirley Jones* 4-16-74
 REG. C.E. NO. 19,166 (DATE)
 MALIBU BLDG. DIST. 92 J.N. 0372.33



NOTE:
 BULKHEAD IN M.H. AT STA. 1+99.42 SHALL NOT BE REMOVED AND SEWER SHOWN HEREON SHALL NOT BE USED UNTIL WRITTEN AUTHORIZATION HAS BEEN GIVEN BY THE CHIEF ENGINEER AND GENERAL MANAGER OF COUNTY SANITATION DISTRICT NO. 27.

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