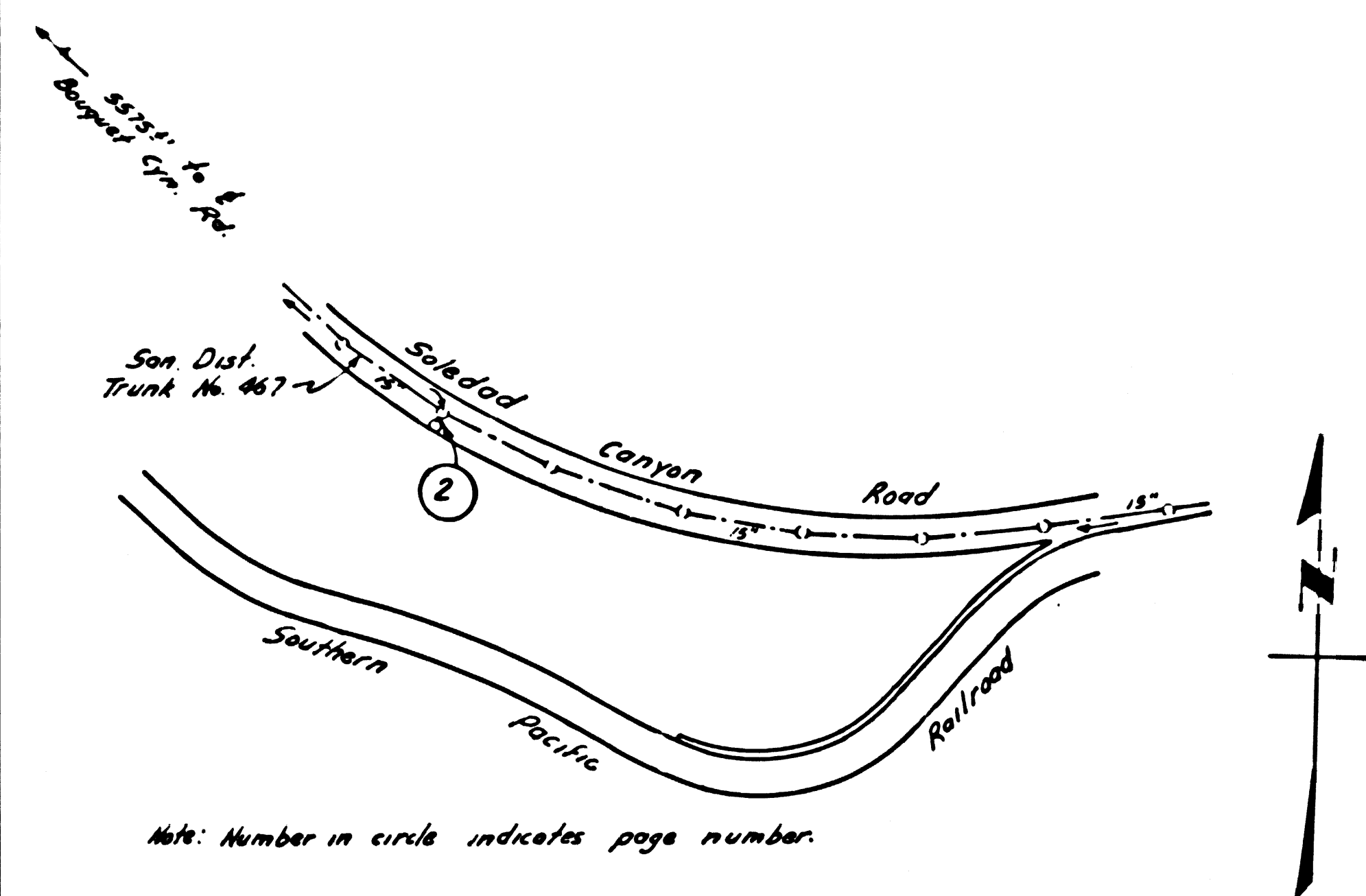


B.M. R.D. 917 ELEV. 1207.117
 ROOM Top of W and Adol culvert #117
 25' S. of Soledad Can. Rd. 100' E. of Ext.
 Bermite Powder Co. 1.2 mi. E. Baywood Can. Rd.
 NENHALL QUAD. 1965



INDEX MAP
 P.C. NO. 8932
 SOLEDAD CANYON ROAD
 SCALE: 1"=500'

PRIVATE ENGINEERS NOTICE TO CONTRACTORS
 The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of our knowledge there are no existing utilities except as shown on this map. The contractor is required to take all precautionary measures to protect the utility lines shown and any other lines not of record or not shown on this drawing.

E. J. Ballou
 E. J. Ballou, Jr. R.C.E. 10533

* FULL COMPLIANCE WITH SECTION 306-1.3.3 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.

NOTE: ALL WORK, EXCEPT M.H. ADJUSTMENT AT STA. 1+00.00, SHALL BE COMPLETED BY SEPTEMBER 1, 1973.

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 BE ON SITE AT ANY POSITION ON 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 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 "C" 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. 8, 1400 1ST & 2ND TO THE COUNTY ENGINEER, ROOM 19, 9150 EAST SUPERIOR AVE., DOWNY, CALIF. OR SUPERVISOR, COUNTY ENGINEER, 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, 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 7-10.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.

County Sanitation District shall be notified prior to the following work that required inspection can be made (Phone 337-1025 or 638-1101) Breaking into existing manhole or Disinfectant trunk manhole.

ACCEPTANCE OF THE PROJECT

No arrangements for the disposal of wastes shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1970 EDITION WITH "7-71" SUPPLEMENTS) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 2, 1972, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, DIVISION 9-4547, EXT. 81531, 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 8-1 OR PRECAST CONCRETE MANHOLES PER 8-3A, 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.
- WITHIN CLAY PIPE JOINTS SHALL BE THE "C", "D", OR "E" OF THE STANDARD SPECIFICATIONS SECTION 808.2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 8-23, 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 "C" SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-23, 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 RUBBER IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 808.3.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 206-2.2.2 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.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1

CONSTRUCTED IN
 SOLEDAD CANYON ROAD
 PRIVATE CONTRACT NO. 8932
 INDEX 264 S 125
 W.S. 62
 SHEET 1 OF 2 PAGES

SCALE: VERT. 1"=4'
 HORIZ. 1"=40'
 MAY, 1973

PREPARED IN THE OFFICES OF
ANDEL ENGINEERING CO.
 BY: *E. J. Ballou*
 REG. C. E. No. 10533

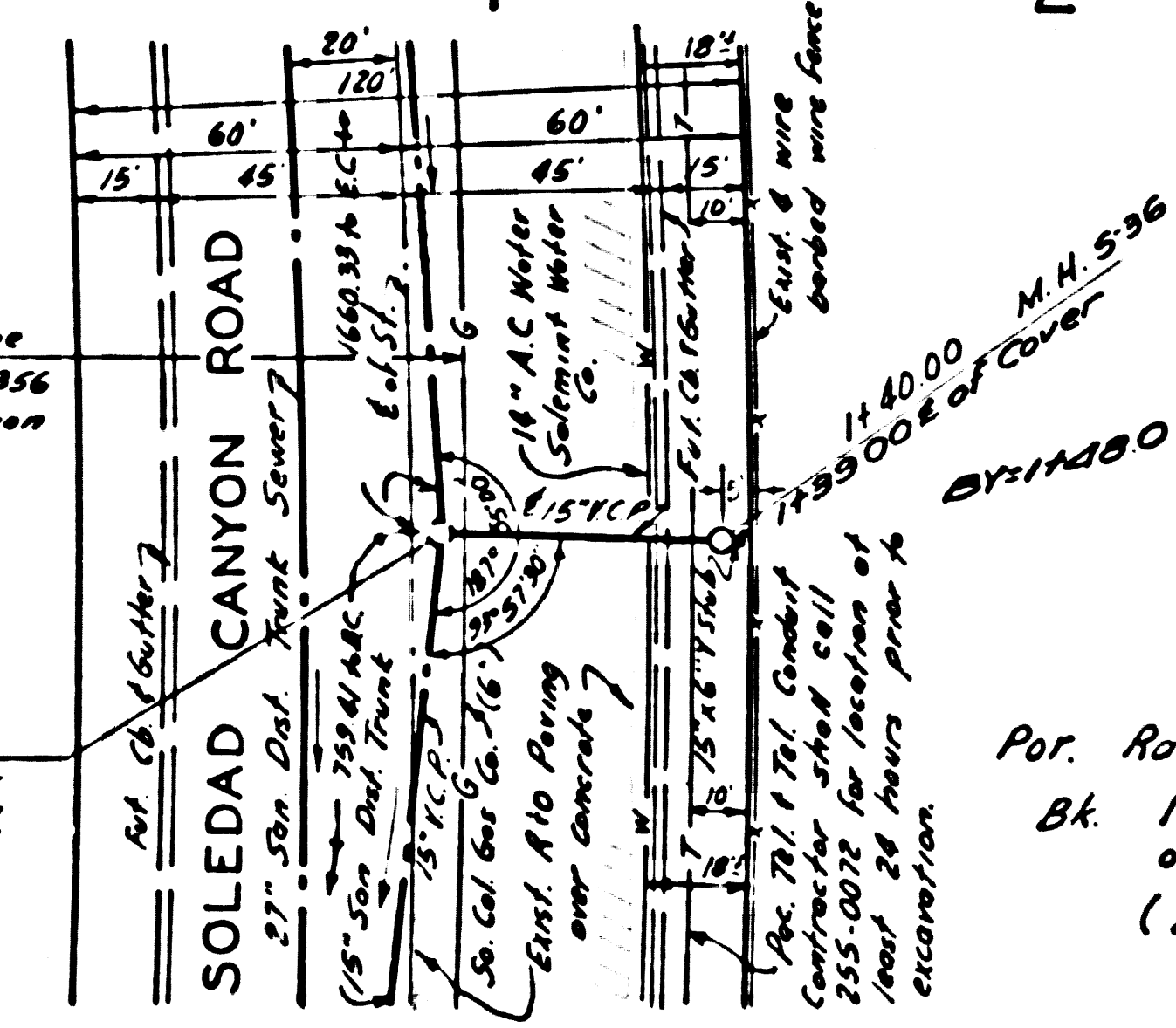
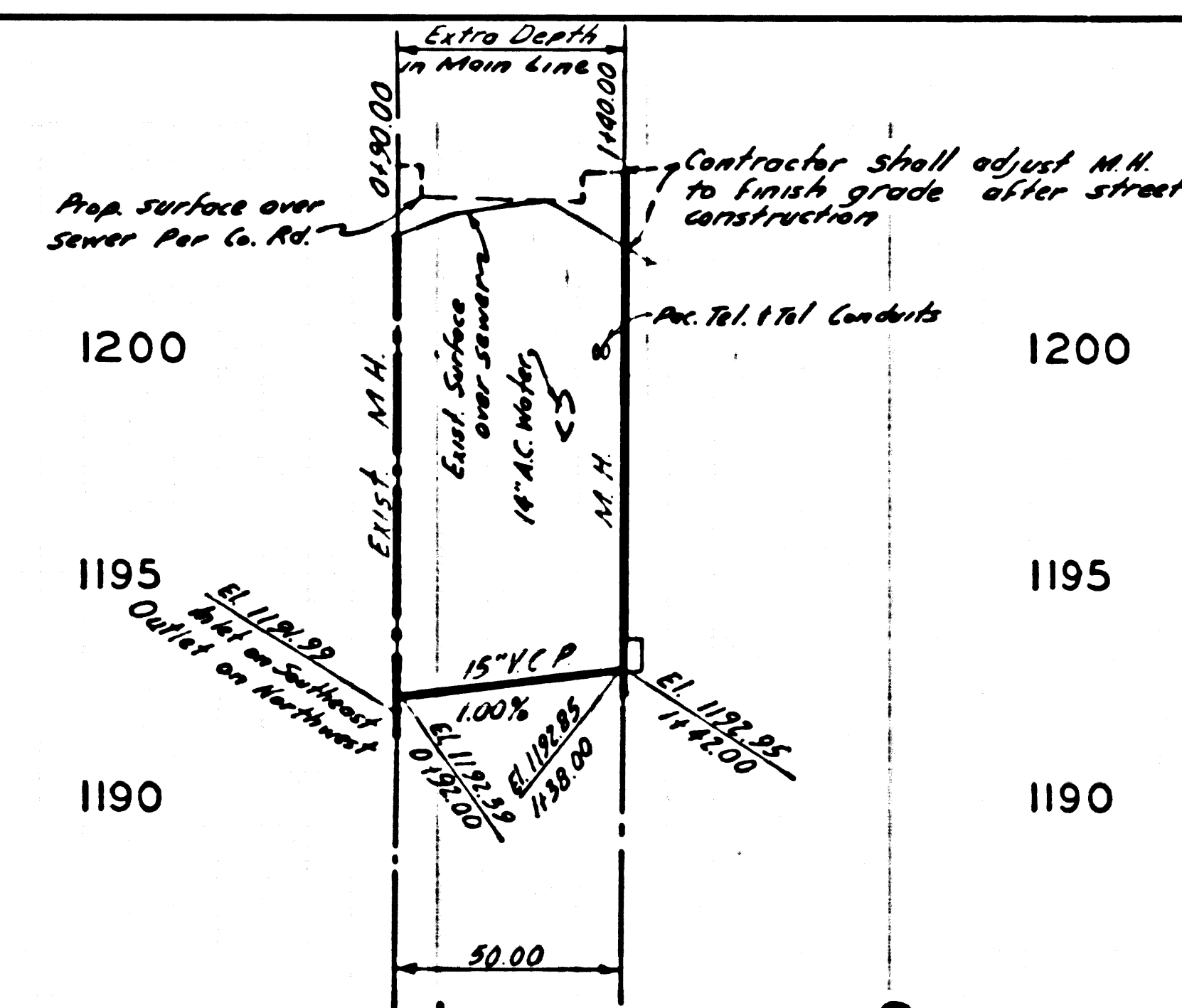
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

USDBM	8-7
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-8
BRICK MANHOLE	8-9
STANDARD MANHOLE STEP	8-17
BEDDING FOR SEWER PIPE	8-21
CRACKING AND INCASINGMENT	8-28
WYE OR TEE SUPPORT	8-36
ALLOWABLE TRENCH WIDTHS	8-38
LOADING MANHOLE FRAME AND COVER	8-38
NON-REINFORCED PRECAST CONCRETE MANHOLE	8-38

44192

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER
 JOHN D. PARKHURST, CHIEF ENGINEER
 APPROVED *Amos C. D.* 7/11/73 REGIONAL ENGINEER (DATE)
 APPROVED *P. D. Williams* OFFICE ENGINEER (DATE)
 CHECKED *Roger J. ...* 7/11/73 (DATE)
 REG. C.E. NO. 14390

NO CHARGE FOR CONNECTIONS



Approx. Loc. 6" M.P. 3rd Cal Gas Line
 Contractor shall call 818-246-4241 ext 356 for location & marking prior to excavation

0+90.00 Exst. M.H.
 55135 53 San Dist. Trunk No. 467. Break into exst. M.H. from new channel in base.

Por. Rancho San Francisco
 Bl. 1 Pages 521152 of Patents (Bermite)

44193