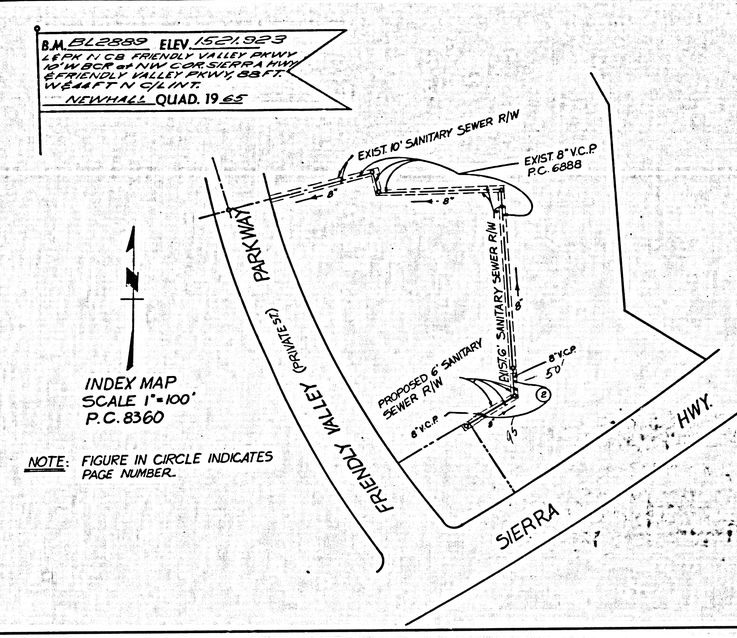
B.M. BL2883 ELEV. 1521.923
4 E PM 11 CB FRIENDLY VALLEY PKWY.
10' W BCR at NW COR. SIERRA HWY.
E FRIENDLY VALLEY PKWY, 88 FT.
W E LATT N QUINT.
NEWHALL QUAD. 19.65



INDEX MAP
SCALE 1"=100'
P.C. 8360

NOTE: FIGURE IN CIRCLE INDICATES PAGE NUMBER.

County Sanitation Districts shall be notified prior to the following so that required inspection can be made: (Phone 267-3055 • • 609-0097)

1. Acceptance of the project.

In connections for the disposal of industrial wastes shall be made to sewers shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

NEWHALL BLDG. DIST. NO. 8.2

NOTES:

1. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
2. PROVIDE RISERS ON THE PROPERTY LINE OR PROPERTY LINES PROJECTS AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THESE 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 CURVILINEAR SHALL NOT HAVE AN ANGLE OF LESS THAN 60° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
5. 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.
6. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
7. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MARICOPA 9-2161, EXT. 51551, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
8. ALL STRUCTURES SHALL BE BRICK MANHOLES PER S-3.
9. "Y" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
10. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
11. USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
12. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "S", "F", OR "B" PER STANDARD SPECIFICATIONS SECTION 306-2.
13. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-25, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
14. AT BUILDING THE COURSE OF CONSTRUCTION IF 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-25, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
15. REPLACE ALL ASPHALT CONCRETE WITHIN PAVED AREAS TO FIRST L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
16. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.3.7 OF THE STANDARD SPECIFICATIONS.
17. REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
18. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "B", (WITH BACKING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 306-2.

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

ANCHOR BLOCK	S-24
BAFFLE BOARDS	S-31
BEDDING	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-3
BRICK MANHOLE	S-3
HIGH STRENGTH REINFORCED CONCRETE MANHOLE	S-3
MANHOLE REINFORCED CONCRETE MANHOLE	S-3
MANHOLE FRAME AND COVER	S-15
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRADLING AND ENCASEMENT	S-23
WYE OR TEE SUPPORT	S-26
ALLOWABLE TRENCH WIDTHS	S-28

19. Special Backfill in Designated Areas:
   A.) Backfill, trench and replace other earth removed so as to achieve the natural grades and slopes shown on this Sewer Plan.
   B.) All backfill and earth replaced shall be compacted to a minimum of 90% of maximum density per A.S.T.M. standard method of test D698-57T as modified. Acceptable certification of such compaction shall be submitted to the Construction Division.

COLLECT CHARGES AS INDICATED

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
CONSTRUCTED IN
FRIENDLY VALLEY SHOPPING CENTER
FOR PARCEL MAP 1037

P.C. 8360
PAGE 1

PRIVATE CONTRACT NO. 8360
INDEX MAP 258 5141
W.S. 62-B-3
1 SHEETS; 2 PAGES
SCALE: VERT. 1"=5' HORIZ. 1"=40'
AUG, 1969
42933
PREPARED IN THE OFFICES OF
SHUIRMAN-ROGOWAY & ASSOC.
By: [signature] REG. C. E. NO. 14750

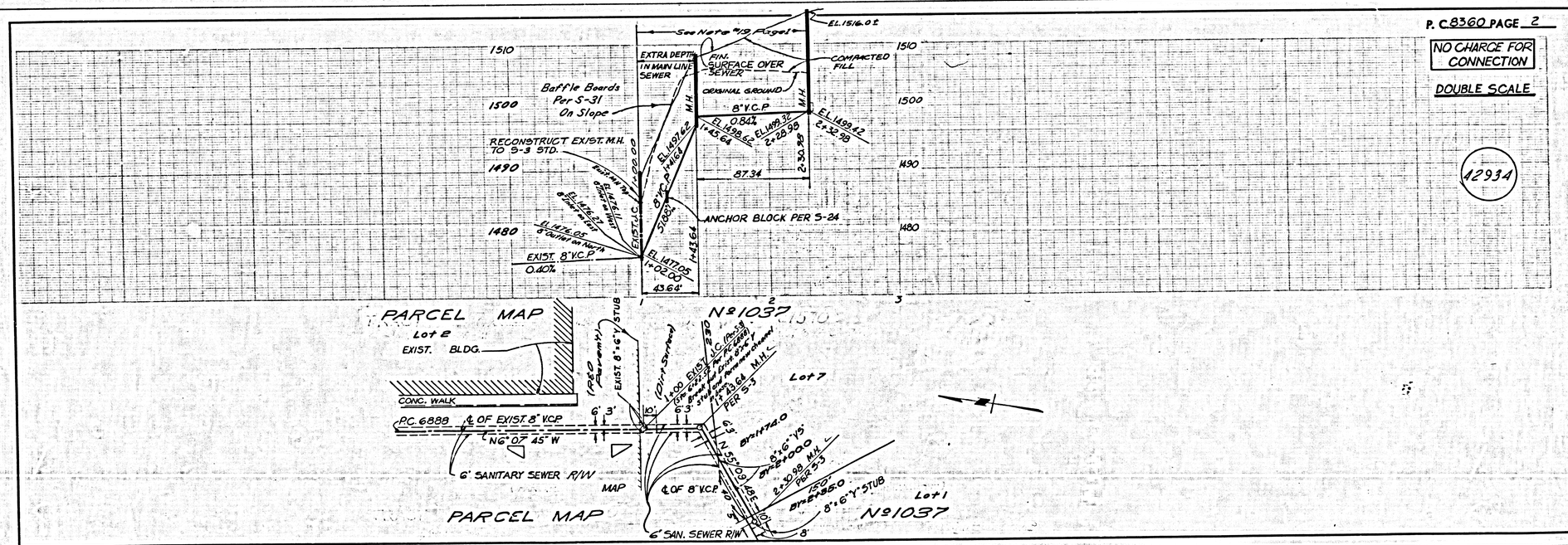
NOTE:
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE BELOW BETWEEN SAID DESIGNATED POINTS.
ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED JAN. 2, 1969 AS REVISED, 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. 5 ..... AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 320, COUNTY ENGINEERING BUILDING, 108 WEST SECOND STREET OR 14615 TELEGRAPH RD., WHITTIER, REGIONAL OFFICE, 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 SHALL BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
APPROVED BY: [signature] REGIONAL ENGINEER DATE 12/10/69 APPROVED BY: [signature] OFFICE ENGINEER
CHECKED BY: [signature] DATE 12-10-69
REG. C.E. NO. 14330

REVISION:
REVISED SURFACE OVER SEWER AND RAISED MANHOLE TOPS DUE TO GRADING OPERATIONS
APPROVED: [signature] DATE: 6-4-71
R.C.E NO. 11 371
OFFICE OF COUNTY ENGINEER

P. C. 8360 PAGE 2

NO CHARGE FOR CONNECTION

DOUBLE SCALE

42934