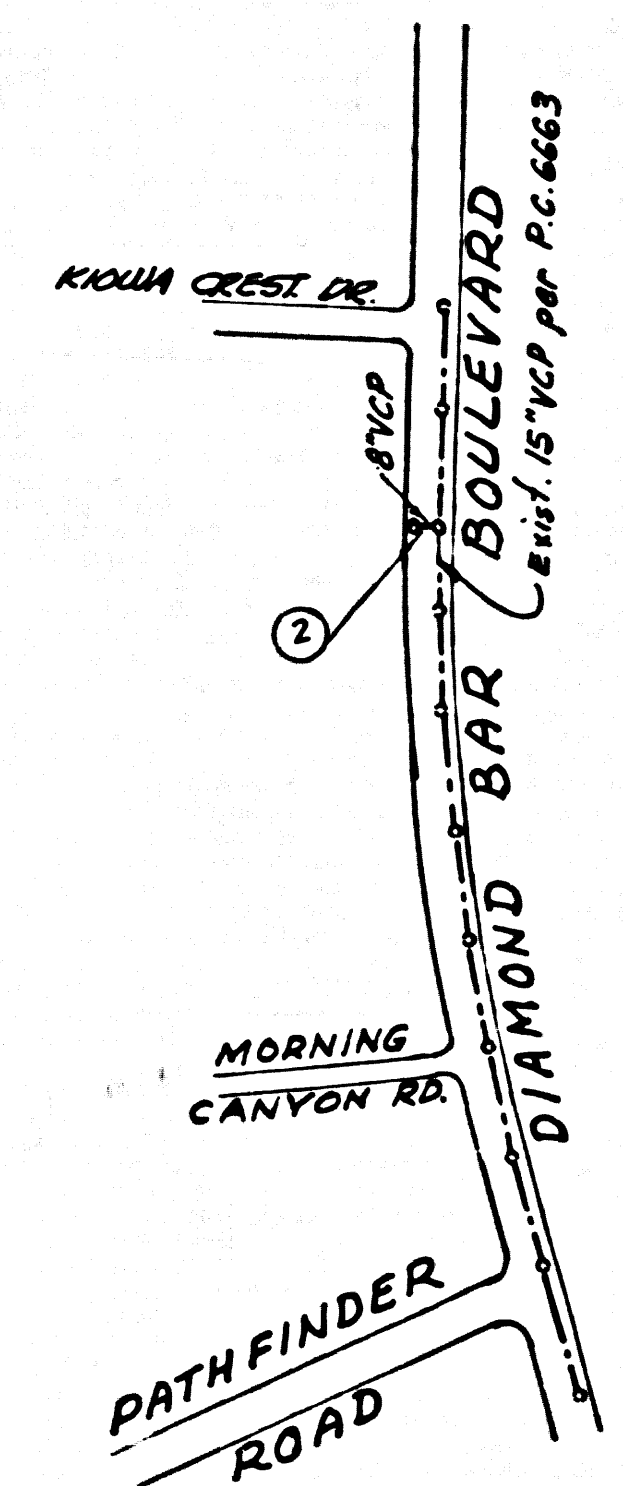


B.M. No. BG 2101 ELEV. 798.730
 R.D.B.M. Tag in concrete headwall
 70' E'ly of E of Diamond Bar Blvd.
 approx. 0.4 mi. N'ly of intersection with Pathfinder,
 Offerbain QUAD. 1965.



DOUBLE SCALE
 SAN DIMAS BLDG. DIST. NO. 10

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS P.C. 8488
 CONSTRUCTED IN PAGE 1
 DIAMOND BAR BOULEVARD
 CROSSING

PRIVATE CONTRACT NO. 8488

W.S. 39
 1 SHEET OF 2 PAGES
 SCALE: VERT. 1" = 6'
 HORIZ. 1" = 40'
 MAY, 1970
 PREPARED IN THE OFFICES OF
 MOLINA ENGINEERING CONSULTANTS, INC.
 By: *Robert P. Molina*
 REG. C. E. NO. 12607

- NOTES:
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE 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.
 - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 - 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 TREES 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 DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 - NO INVERTS SHALL BE MADE IN THREE PLANE WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, HOURS 9:00 AM TO 5:00 PM, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-306 PRECAST CONCRETE MANHOLES PER S-36 EXCEPT AS NOTED.
 - "T" OR "Y" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - MANHOLE TOPS IN UNIMPROVED AREAS TO BE 2.0 INCHES ABOVE FINISHED GRADE.
 - USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
 - VERTICAL CLAY PIPE JOINTS SHALL BE TYPE "S", "T", OR "D" PER STANDARD SPECIFICATIONS SECTION 308-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-28, 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-28, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - SEWER TO BE TESTED FOR LEAKAGE PER SECTION 304.3.2.7 OF THE STANDARD SPECIFICATIONS.
 - REFER TO SECTION 314.1.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY CONES.
 - APPLY TO SECTION 314.1.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY CONES.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VERTICAL CLAY PIPE SHALL BE MADE WITH A RUBBER BUSH JOINT, TYPE "C" OR "D", WITH WASHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 308-2.
- THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

BRICK MANHOLE	0.30
NON-REINFORCED PRECAST CONCRETE MANHOLE	0.30
MANHOLE FRAME AND COVER	0.30
STANDARD MANHOLE STEP	0.17
SEWERING FOR SEWER PIPE	0.21
CHANGING LANE ENCLOSURE	0.20
WYE ON THE SUPPORT	0.26
ALLOWABLE TRENCH WIDTHS	0.20

No connections for the disposal of industrial wastes shall be made to sanitary sewer lines without written permission from the County Engineer and General Manager of the County Sanitation Districts.

County Sanitation Districts shall be notified prior to the following work:
 1. Excavation of any trench or pipe (include 407-1020 a.m. connection)
 2. Installation of any pipe or structure

Acceptance of the project:

REVISION 2
 RESCIND REVISION 1 PER REQUEST OF ENGINEER
 APPROVED: *Thomas S. Hall* 1/15/66
 OFFICE OF COUNTY ENGINEER, P.C.M.
 DATE: 1/15/66

REVISION 1
 9-30-70 Addition of a crossing and a Manhole of Sta 46+38.00 and the deletion of the crossing of Sta 47+18.00.
 Approved: *SKO Olds* REG. NO. 3846
 Office of County Engineer, Date

DOUBLE SCALE
 VERTICALLY

COLLECT CHARGES
 AS INDICATED

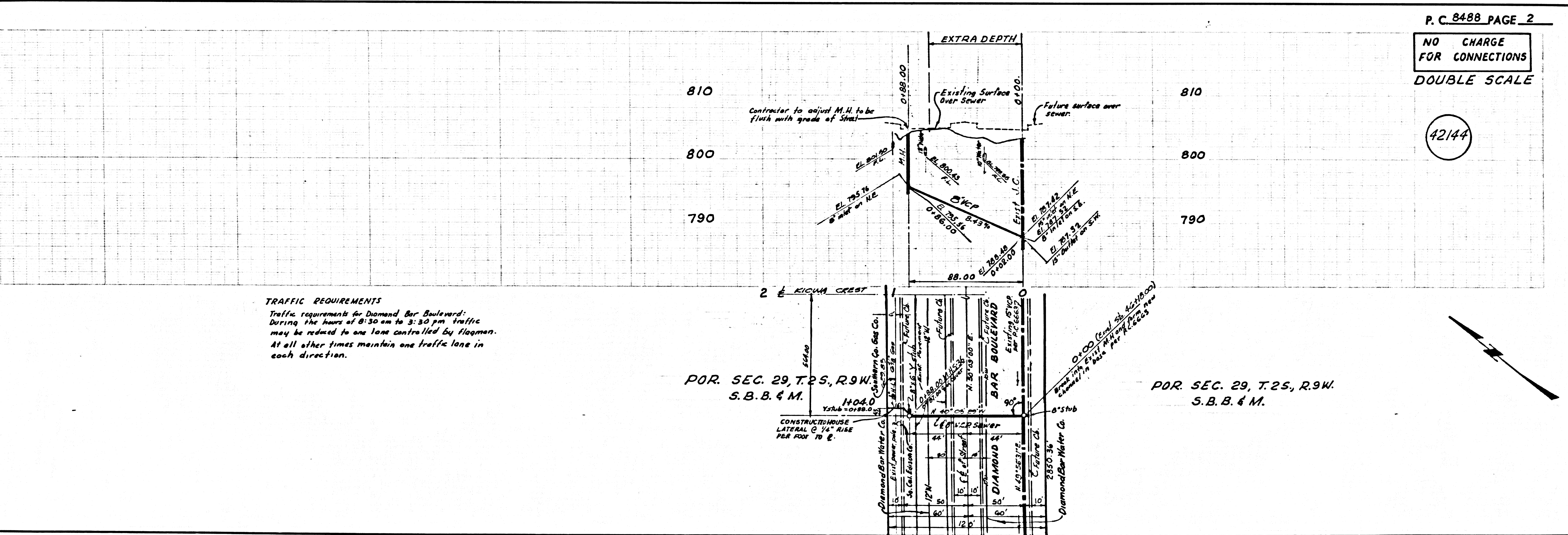
NOTE:
 GRADES TO WHICH THE IMPROVEMENTS ARE TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN 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 (1970 EDITION) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 1, 1970, AS EXISTING 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, 11111 W. WEST SECOND STREET, LOS ANGELES, CALIFORNIA 90024.
 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 EXISTENCE WITHIN THE LIMITS OF THE 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, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBLE, COUNTY ENGINEER
 CO. SEAL SET IN PLACE
 APPROVED BY: *John A. Lamble*
 COUNTY ENGINEER

J. D. PARKHURST, CHIEF ENGINEER
 CO. SEAL SET IN PLACE
 APPROVED BY: *J. D. Parkhurst*
 COUNTY ENGINEER

CHECKED BY: *Ralph Scheff* 4/13/70
 DATE: 4/13/70
 REG. C.E. NO. 13946

42143



P.C. 8488 PAGE 2
 NO CHARGE
 FOR CONNECTIONS
 DOUBLE SCALE

42144

TRAFFIC REQUIREMENTS
 Traffic requirements for Diamond Bar Boulevard:
 During the hours of 8:30 am to 3:30 pm traffic
 may be reduced to one lane controlled by flagmen.
 At all other times maintain one traffic lane in
 each direction.

POR. SEC. 29, T.2S, R.9W
 S.B.B. & M.