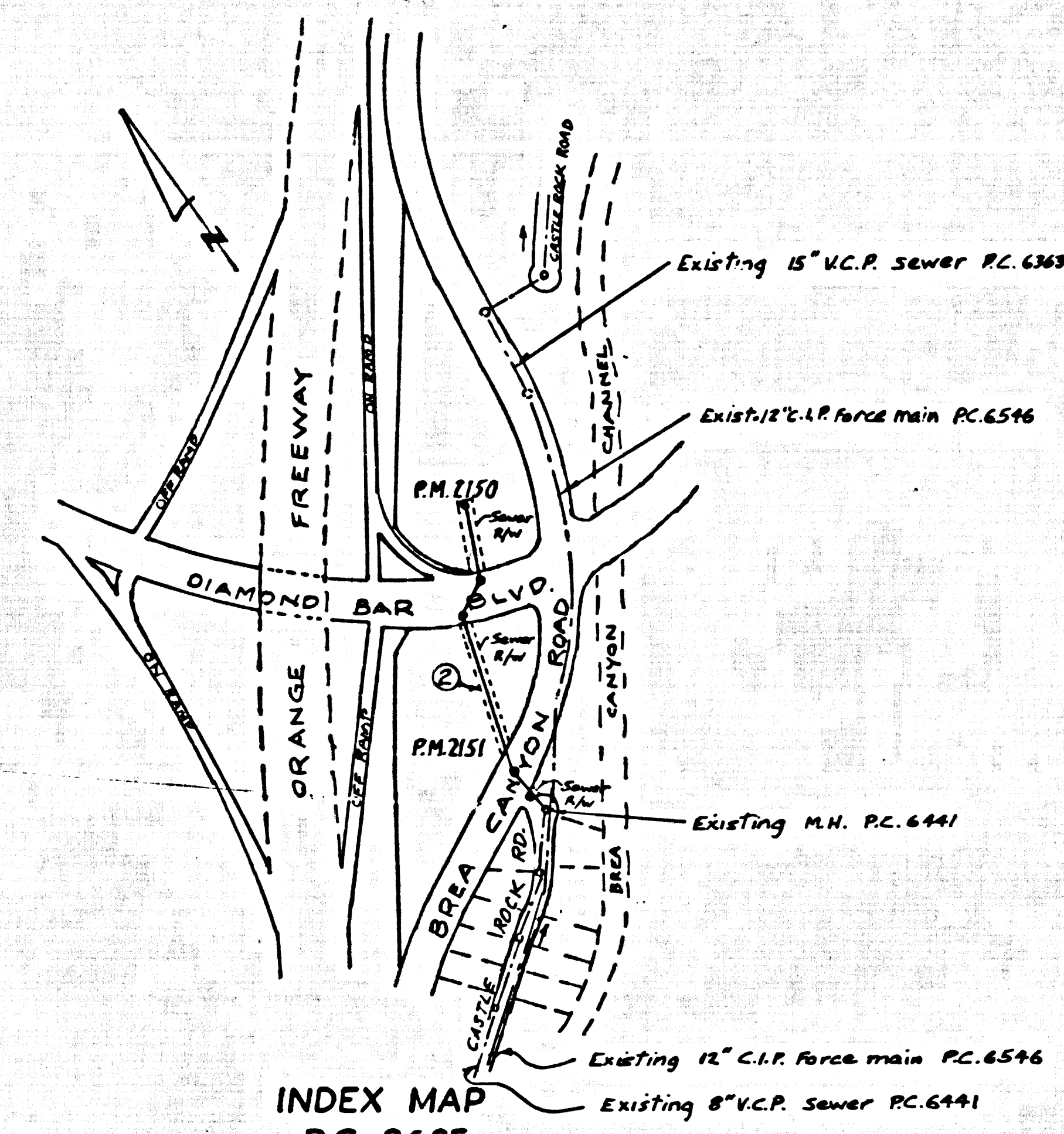


B.M. B.G. 2072 ELEV. 677.000
 RDBM Tac in conc. box culv. 45 ft. s.c.l.
 Diamond Bar Blvd. 0.1 MI. E. Int. Brea
 Cvn. Rd. 4 Diamond Bar Blvd.
 Orange Freeway QUAD. 19-10

Revision 2-18-71 Date
 Revised loc. M.H. @ Sta. 4+32.88 To
 reflect as-built cond. and
 altered assoc. sewer line
 Approved *Thomas S. Hand*
 Office of County Engineer
 R.C.E. NO. 19156
 21 Oct 71

REVISION 10-18-71 DATE
 LOWERED M.H. @ 111.49 & ADDED 60' V.C.
 AFFECTS STA. 0+92 TO 4+33.88
 APPROVED *Thomas S. Hand*
 OFFICE OF COUNTY ENGINEER
 R.C.E. NO. 19156
 21 Oct 71



DOUBLE SCALE
 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 "Y" 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 CORNERS 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. 1, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 19, DOWNEY ADMIN. OFFICE, 8300 E. IMPERIAL, HWY. 1, DOWNEY, CALIF. 90240. SAN DIMAS 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 THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 716.41 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY DEVICES.

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 237-1025 - 638-1181)

No connections for the disposal of industrial wastes shall be made to sewer's located on "B" zone easements 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 "A" L.S. SUPPLEMENT) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 2, 1970.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MAIN ROOM 8-412, EXT. 8158, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE.
- ALL STRUCTURES SHALL BE EITHER SICK MANHOLES PER 3-3 OR PRECAST CONCRETE MANHOLES PER 3-36, EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINE PRODUCE 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 308-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 3-23, 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 3-23, 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 "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 308-2.
- SEWERS TO BE INSTALLED FOR DAMAGE PER SECTION 308-2.7 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- REPAIRS TO ALL TRENCHES WITHIN EASEMENT SHALL MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 308-1.9.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS OR BACKFILL, COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS PAGE 1

CONSTRUCTED IN
 PARCEL MAPS 2150 & 2151
 PRIVATE CONTRACT NO. 8665
 W.S. 39-B5
 1 SHEET, 2 PAGES
 SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40'
 October, 1971
 PREPARED IN THE OFFICES OF
 R.A. Meurer, Consulting Engineering 43176
 BY: *Raymond A. Meurer*
 REG. C.E. No. 20700

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

MINIMUM PUBLIC SAFETY REQUIREMENTS	5.1
BRICK MANHOLE	5.2
STANDARD MANHOLE STOP	5.17
SEEDING FOR SEWER PIPE	5.21
CHALKING AND ENCASUREMENT	5.22
WYE OR TEE SUPPORT	5.26
ALLOWABLE TRENCH WIDTHS	5.28
ENCASING MANHOLE FRAMES AND COVERS	5.29
NON-REINFORCED PRECAST CONCRETE MANHOLE	5.36
PRECAST CONCRETE SHALLOW MANHOLE	5.38

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER
 APPROVED *John D. Parkhurst* 10-7-71 APPROVED *Harvey T. Brandt* 10-7-71
 REGIONAL ENGINEER OFFICE ENGINEER
 CHECKED *Thomas S. Hand* 7 Oct 71
 R.C.E. NO. 19156
 San Dimas BLDG. DIST. NO. 12 J.N. 0250.05

