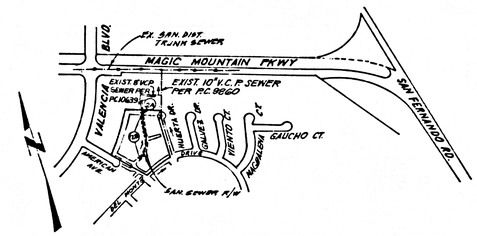
B.M. CL 2896 ELEV. 1191.111
RD BM TAG E CB VALENCIA BLVD. 4 FT. S BC ⊕ SE COR MAGIC MT. PKWY AND VALENCIA BLVD. 101 FT. S AND 42 FT. E C/L INT.
NEWHALL QUAD. 1983



NOTE:
NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

INDEX MAP

TRACT No. 43165
P.C. 10667
SCALE: 1" = 600'

ISSUE NO HOUSE CONNECTION PERMITS UNTIL OUTLET SEWER P.C. 10639 IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (818) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

REVISION No. 1	DATE 7-14-87	REVISION NO. 2	DATE 8-18-87
BY B & E ENGINEERS REVISE PROFILE GRADES AND ELEVATIONS ON PAGE 2A & 2B AND 4" H.L. ADDED AT STA 3+00.00		BY: B & E ENGINEERS REPLACE SEWER FROM M.H. AT STA. 0+00.00 ON PAGE 2B E'LY TO M.H. IN HUERTA DR WITH SEWER FROM M.H. AT STA. 0+00.00 ON PAGE 2B W'LY TO MOST SW'LY M.H. ON PAGE 3C IN P.C. 10639	
David C. Williams 7/14/87 30980		David C. Williams 8/18/87 30980	
APPROVED OFFICE OF PUBLIC WORKS DATE R.C.E.		APPROVED OFFICE OF PUBLIC WORKS DATE R.C.E.	

UNAUTHORIZED CHANGES & USES

CAUTION; The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

California Council of Civil Engineers & Land Surveyors

GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE ON THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. 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. ALL POINTS BETWEEN DESIGNATED POINTS ON THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT L.O.G. DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" 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.
6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE (BE) ON THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTR. DIV. OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 16 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2250 ALCALDE ST., LOS ANGELES, CALIFORNIA 90065, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. 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.
9. 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.
10. REFER TO SECTION 7.10.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTR. DIV. AT THE DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 2 PERMIT OFFICE IN ALHAMBRA, 100 SOUTH ALHAMBRA AVENUE, ALHAMBRA, CALIFORNIA, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2250 ALCALDE ST., LOS ANGELES, CALIFORNIA 90065, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS. THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 2250 ALCALDE ST., LOS ANGELES, CALIFORNIA 90065, ROOM 208 NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1986 EDITION WITH 1988 SUPPLEMENTS) AND DEPT OF PUB WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1979 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, 226-8291, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH 1/4" RISE PER FT. TO THE EDGE OF THE R/W LINE.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-5 OR PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 200-2.
9. 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.
10. 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 DIRECTOR OF PUBLIC WORKS.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT. TYPE "C" OR "D", WITH BUSHINGS IF NECESSARY, PER STANDARD SPECIFICATIONS, SECTION 200-2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 300-1.3 OF THE STD SPECIFICATIONS 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.
15. SPECIAL BACKFILL IN EASEMENT CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% C.* MAXIMUM DENSITY PER A.S.T.M. STD METHOD OF TEST D698-57T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

PROFILE, ALIGNMENT AND GRADE OF

PAGE 1

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT NO 43165

PRIVATE CONTRACT NO. 10667

W.S. A-63

1 SHEET ; 2 PAGES

51749

SCALE: VERT 1"=5' HORIZ 1"=40' FEBRUARY 10, 1987

REGISTERED PROFESSIONAL ENGINEER ROBERT T. EMERSON NO. 16531 CIVIL STATE OF CALIFORNIA

PREPARED IN THE OFFICES OF
B & E ENGINEERS
825 COLORADO BLVD SUITE 222
LOS ANGELES, CA 90041 (213) 254-5154

BY: James T. Emerson
REG C.E. No. 16531
EXP. 6-30-89

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY TO THE CONSTRUCTION OF THIS PROJECT:

LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-5
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRADLING AND ENCASEMENT	S-23
WYE OR TEE SUPPORT	S-28
ALLOWABLE TRENCH BRACING	S-33
LOCKING MANHOLE FRAME AND COVER	S-35
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-36
BREAK INTO EXISTING MANHOLE	S-15
EROSION PROTECTION IN STEEP SLOPES	S-31

COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY
CHIEF ENGINEER

APPROVED Carl H. Blum 5/19/87 (DATE)
DE

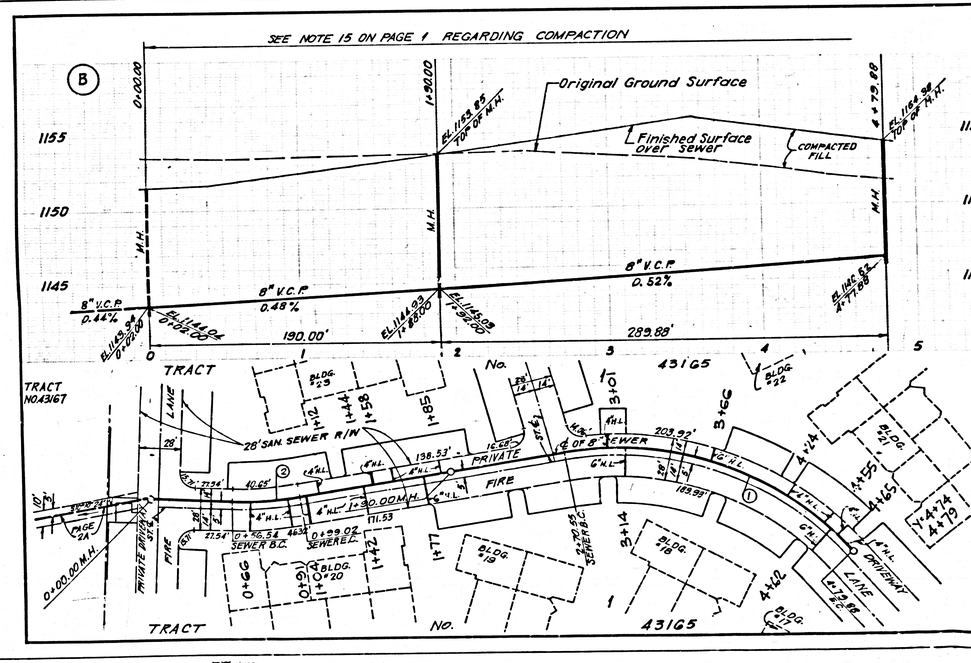
APPROVED [illegible] 5/26/87
CO. SAN. DIST. NO. 22
CHIEF ENGINEER

CHECKED [illegible] 5/16/87 (DATE)
REG. C.E. NO. 16841

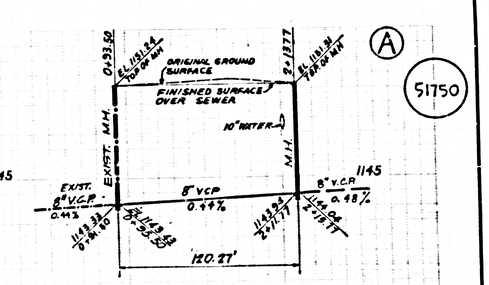
SANTA CLARITA VALLEY BLDG. DIST. 8-2

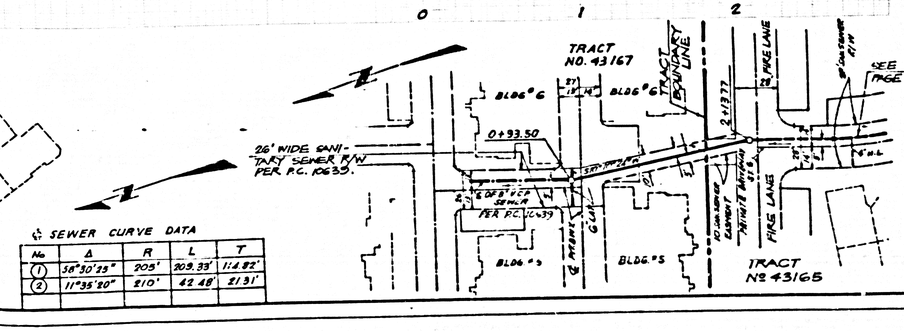
P.C. 10667 PAGE 2

SEE NOTE 15 ON PAGE 1 REGARDING COMPACTION



NO L.A. COUNTY CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTIONS CHARGES





℄ SEWER CURVE DATA

No	Δ	R	L	T
1	38°50'35"	205'	209.33'	114.82'
2	11°35'20"	210'	42.48'	21.31'

L.A. COUNTY SEWER SHEET NO. 1 G.M. Jr. (213) 699-8440 8/85

PC 10667
TRACT No 43165