B.M. 3823 ELEV. 1180.440
LACS BM HOH FLUSH, FT N/O N CB ESPUELLA DR 20 FT W & 77 FT E/O C.L. INT BOQUET CYN RD & ESPUELLA DR HCD (BM 204-2)
NEWHALL QUAD. 19.93

DOUBLE SCALE

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

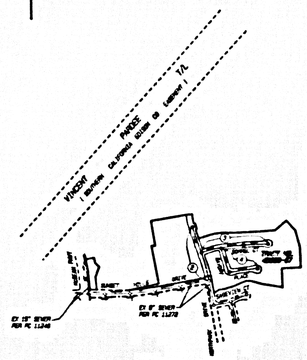
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS OBTAINED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE PERCAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CUMMINS OF GENERAL TELEPHONE COMPANY AT 1-805-849-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

REGISTERED CIVIL ENGINEER NO. 42890 EXP. 03-31-96 DATE 01 22 96

LOTS 45 TO 49 ARE RESTRICTED TO NO CONSTRUCTION OF RESIDENTIAL BUILDINGS & WILL NOT BE SERVED BY THIS SEWER.
LOTS 44 IS SERVED BY PC 11278.
LOT 50 IS SLOPE LOT AND WILL NOT BE SERVED BY THIS SEWER

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, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE AT (818) 366-4693 SO THAT REQUIRED INSPECTIONS CAN BE MADE.



GENERAL NOTES:

1. A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR OF STRUCTION INSPECTION AND RECORD PLANS TO THE CITY ENGINEER OF THE CITY OF SANTA CLARITA OR THE PUBLIC WORKS DIRECTOR OF LOS ANGELES COUNTY, WITH FLOOD IN HIGHWAY, AT LEAST 10 DAYS PRIOR TO STARTING WORK UNDER THIS CONTRACT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS ETC. MUST BE FILED WITH THE PERMIT APPLICATION.
2. PRIOR TO ISSUANCE OF ANY PERMIT, THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY
3. IF WORK IS TO BE DONE IN A STATE HIGHWAY, PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, LOS ANGELES DISTRICT, LOS ANGELES, CALIFORNIA.
4. WHEN WORK IS WITHIN A CONTRACT CITY, THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO PUT THE INSPECTION FEE
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE "APPLICATION FOR CONSTRUCTION PERMIT" TO ARRANGE FOR AN ACCEPTABLE CONSTRUCTION START DATE, AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (818)1480-3180 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT
6. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO 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 WITH APPLIES TO ALL PHASE.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, INCLUDING SUPPLEMENTS, THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS IN SESNOL.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10.4.5 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN "WORK IN & NEAR OPEN PIPES AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENTS" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD D-0
9. ELEVATIONS ARE IN FEET ABOVE M.S.L. SEA LEVEL DATUM OF 1929
10. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS
11. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK
12. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, SETTLING OF STREETS, OR CONTOURING THE SURFACE ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS OF THE DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED BE AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS
13. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y-CAP" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT LINE AT RIGHT ANGLE FROM THE SEWER LINE EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM DEPTHS OF SEWER NOT MORE AN ANGLE OF LESS THAN 45° WITH THE M.L. SEWER MAY CHANGE, ON THE GRADE SHEET. CHANGES SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER
14. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
15. THE LATEST REVISED STANDARD PLAN OR DRAWING SHALL BE USED UNLESS OTHERWISE SPECIFICALLY NOTED

CONSTRUCTION NOTES:

1. PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PROJECTED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE
2. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B" OR "D" PER STANDARD SPECIFICATIONS SECTION 200-2
3. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN S-29, CASE II, TWO FEET ON EACH SIDE FROM THE POLE OF INTERFERENCE
4. ALL JOINTS FOR VITRIFIED CLAY PIPE AND PERFORATED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" (WITH SUBHEAD OF "ASCERIBED") PER STANDARD SPECIFICATIONS SECTION 200-2
5. HOUSE LATERALS TO BE CONSTRUCTED WITH SWEEPS AT PROPERTY LINE O PROP BELOW CURB GRADE EXCEPT AS NOTED.
6. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTION TO HOUSING SEWERS EXCEPT AS NOTED.
7. IF DURING THE COURSE OF CONSTRUCTION, IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL, V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS THE PIPE SHALL BE ENCASED PER STANDARD PLAN S-29 CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN S-6 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN S-30. PRE-FABRICATED PRECAST CONCRETE MANHOLE PER STANDARD PLAN S-6, EXCEPT AS NOTED
9. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS
10. FILL COMPLIANCE WITH SECTION 300-5.5 & .6 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS, CERTIFICATION OF BACKFILL COMPACTION, AND SAND EQUIVALENTS BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE
11. ALL BACKFILL AND FILLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM 1557, COMPACTION TEST D 1557-78 METHOD "D" UNLESS OTHERWISE SPECIFIED THIS SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. THIS CERTIFICATION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO ACCEPTANCE BY THE WORK BY THE COUNTY
12. MANHOLE TOPS ON IMPROVED RIGHTS OF WAY TO BE LEVEL WITH FINISHED GRADE.
13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-1.4 OF THE STANDARD SPECIFICATION AND SPECIAL PROVISIONS.
14. ALL WYES AND HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE

PROFILE, ALIGNMENT AND GRADE OF

PAGE 1

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT No. 46389-07

PRIVATE CONTRACT NO. 11323

INDEX 1294

2 SHEETS; 4 PAGES

SCALE: VERT. 1" = 8'; HORIZ. 1" = 40' OCTOBER, 1995

54185

REGISTERED PROFESSIONAL ENGINEER JOHN SARKISSIAN NO. 42890 EXP. 03-31-96 CIVIL STATE OF CALIFORNIA

PREPARED IN THE OFFICES OF
SIKAND ENGINEERING
15238 BURBANK BLVD. VAN NUYS, CA 91411-3988
TEL. (818) 787-8606

BY: REG. C.E. No. 42890

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

LEGEND	
MINIMUM PUBLIC SAFETY REQUIREMENTS	D-0
BRICK MANHOLE	D-2 (1988 APWA-ASCE)
STANDARD MANHOLE STEP	D-17 (2818-0 LACOPW STD. 1989 ED.)
BEDDING FOR SEWER PIPE	D-21
CRADLING AND ENCASEMENT	D-22
SPECIAL HOUSE LATERALS	D-23
WYE OR TEE SUPPORT	D-28
EROSION PROTECTION IN [illegible] SLOPES	D-31
ALLOWABLE TRENCH WIDTHS	D-32
LOCATING MANHOLE FRAME AND COVER	D-33
NON-REINFORCED PRECAST CONCRETE MANHOLE	D-35 (2801-0 LACOPW STD. 1989 ED.)

COUNTY OF LOS ANGELES, CALIFORNIA

HARRY W. STONE
DIRECTOR OF PUBLIC WORKS
APPROVED [signature] (DATE)

CHARLES W. CARRY
CHIEF ENGINEER
CO. SAN. DIST. NO. 32
APPROVED [signature] 2-6-96
OFFICE ENGINEER

CHECKED [signature] 1/29/96 (DATE)
REG. C.E. NO. 45641

SANTA CLARITA VALLEY BLDG. DIST. 82

P.C. 11323 PAGE 2 Nd

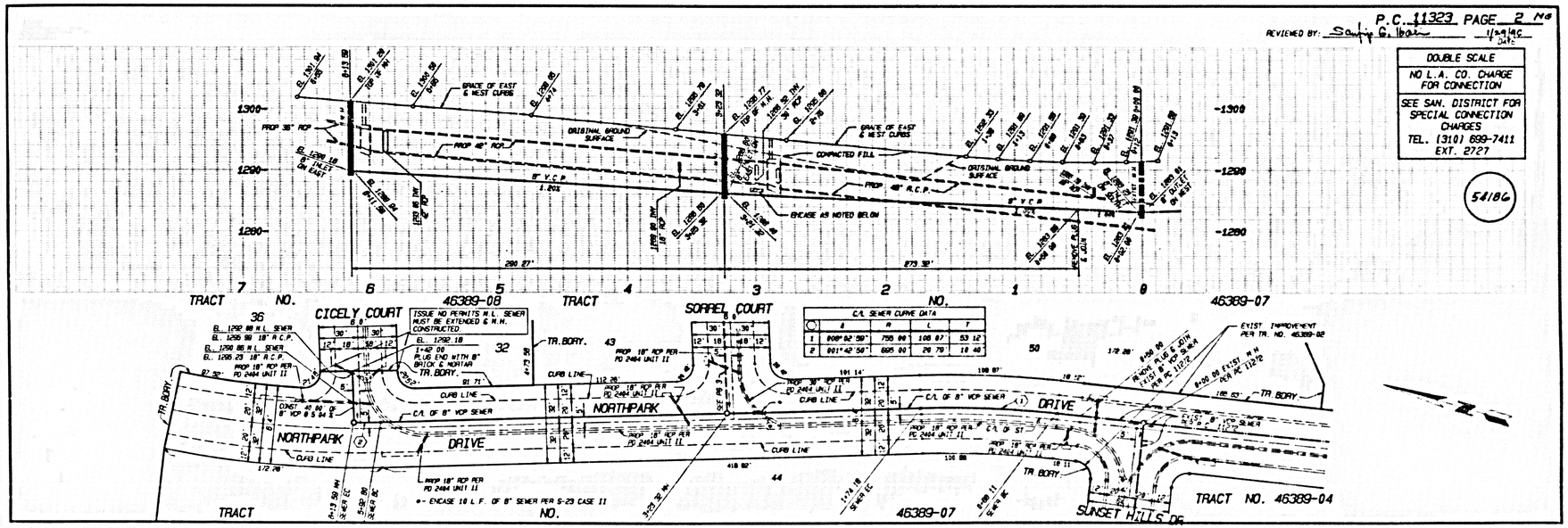
REVIEWED BY: Sanjiv G. Ibar 1/29/96 DATE

DOUBLE SCALE

NO L.A. CO. CHARGE FOR CONNECTION

SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (310) 699-7411
EXT. 2727

54186



C/L SEWER CURVE DATA				
	Δ	R	L	T
1	008° 02' 59"	755.00	106.07	53.12
2	001° 42' 50"	695.00	20.70	10.40

- ENCASE 10 L.F. OF 8" SEWER PER S-29 CASE II

PC 11323 NO. 46389-07

TR. NO. 46389-07 PC 11323

(S)

REVIEWED BY Sanjiv G. Wali DATE 1/29/96 P.C. 11323 PAGE 3 ME

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTION
SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (310) 699-7411 EXT. 2713

54187

C/L SEWER CURVE DATA				
○	Δ	R	L	T
1	012°28 48"	505 00'	110 00'	55 22'
2	000°20 25"	505 00'	3 00'	1 50
3	003°53 13"	1505 00'	102 10'	51 07'

REVIEWED BY Sanjiv G. Wali DATE 1/29/96 P.C. 11323 PAGE 4 ME

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTION
SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (310) 699-7411 EXT. 2727

54188

C/L SEWER CURVE DATA				
○	Δ	R	L	T
1	011°58 06"	495 00'	103 40'	51 89