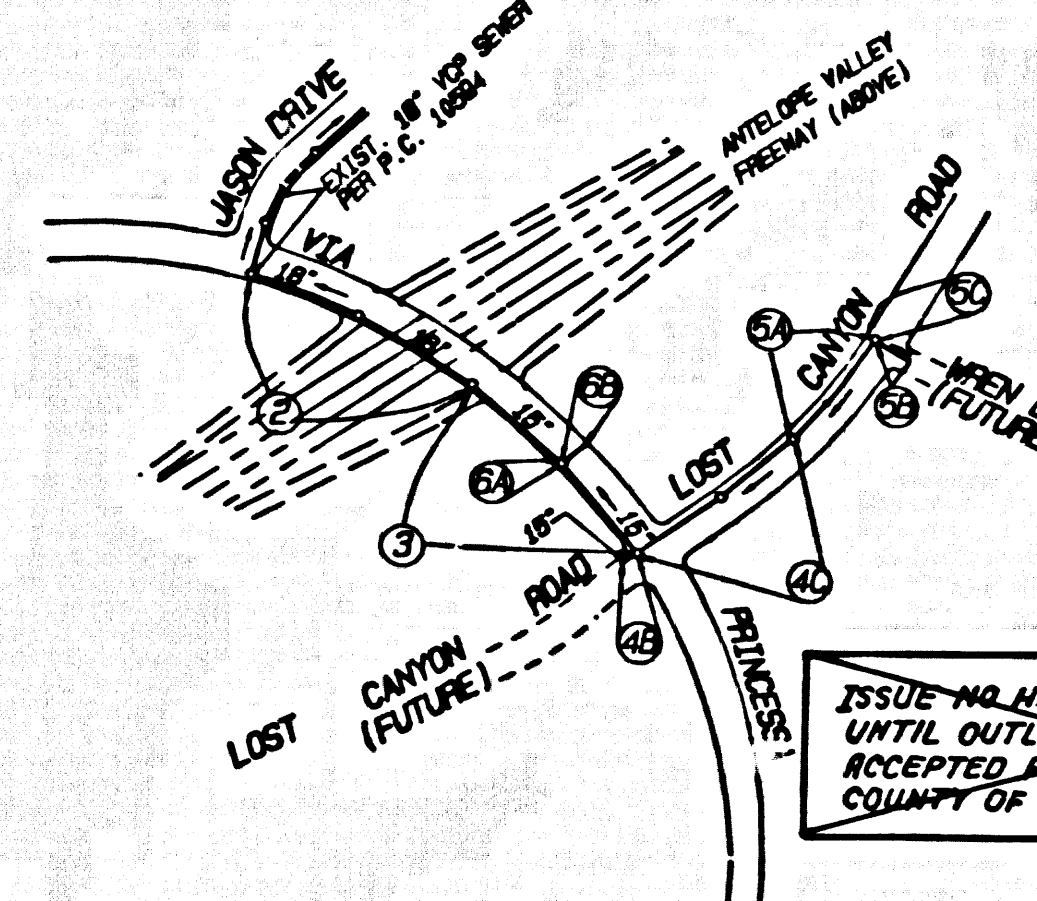


B.M. L 5222 ELEV. 1456.412
 ON 1/4 SECTION 17 T4S R3E S12E NE COR SECTION 17
 VIA PRINCESSA DIST N & ART E/O C/L INT
 NEWHALL QUAD. 19.93

DOUBLE SCALE



BUILDING AND SAFETY
 LOCAL OFFICE
 SANTA CLARITA

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 (805) 296-4683 SO THAT REQUIRED INSPECTIONS CAN BE MADE.

INDEX MAP
 SCALE: 1" = 600'
 P.C. 11379 D.S. 492 (VIA PRINCESSA, ET AL)
 THOMAS GUIDE PG. NO. 4551/J-5, 6.
 NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

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 SYSTEM UTILITIES EXCEPT AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY 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 1-800-488-4128 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL THE CITY DEPARTMENT OF SANITATION TELEPHONE COMPANY AT 1-800-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

REGISTERED CIVIL ENGINEER NO. 3563 EXP. 02-28 DATE 12/19

NPDES NOTES

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES
 Erosion control and other pollution control measures shall be implemented on site and may not be implemented from the site via precipitation, erosion, storm water, natural drainage, or other means.
 Runoff of earth and other construction related materials must be prevented from being transported from the site by the force of wind or water.
 Public, oil, solvents and other toxic materials must be stored in accordance with their labeling and are not to be contained in the soil and surface water. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.
 Excess or waste materials shall be washed into the street only if any other means are available. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.
 Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and disposed by vendor.
 Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadway must be stabilized so as to inhibit sediments from being deposited into the public way. Additional depositions must be swept up immediately and may not be washed down by rain or other means.
 Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

The following BMPs as outlined in, but not limited to, the Best Management Practices Handbook, California Stormwater Quality Task Force, Sacramento, California, 1992, or the latest revised edition, shall be used during construction (additional measures may be required if deemed appropriate by County):

- 04001 - DEMONSTRATION OPERATIONS
- 04002 - PAVER OPERATIONS
- 04003 - STRUCTURE CONSTRUCTION AND PAINTING
- 04004 - MATERIAL LOADING AND STORAGE
- 04005 - SOLID WASTE MANAGEMENT
- 04006 - HOUSEHOLD WASTE MANAGEMENT
- 04007 - CONCRETE WASTE MANAGEMENT
- 04008 - SANITARY WASTE MANAGEMENT
- 04009 - VEHICLE AND EQUIPMENT CLEANING
- 04010 - VEHICLE AND EQUIPMENT FUELING
- 04011 - VEHICLE AND EQUIPMENT MAINTENANCE
- 04012 - SCHEDULING
- 04013 - PRESERVATION OF EXISTING VEGETATION
- 04014 - SCHEDULING
- 04015 - SCHEDULING AND PLANTING
- 04016 - SCHEDULING
- 04017 - SCHEDULING AND PLANTING
- 04018 - SCHEDULING
- 04019 - SCHEDULING
- 04020 - SCHEDULING
- 04021 - SCHEDULING
- 04022 - SCHEDULING
- 04023 - SCHEDULING
- 04024 - SCHEDULING
- 04025 - SCHEDULING
- 04026 - SCHEDULING
- 04027 - SCHEDULING
- 04028 - SCHEDULING
- 04029 - SCHEDULING
- 04030 - SCHEDULING

- GENERAL NOTES:
- A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS PRIOR TO STARTING WORK UNDER THIS CONTRACT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS, ETC., MUST BE SUBMITTED TO THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS PRIOR TO STARTING WORK UNDER THIS CONTRACT.
 - PRIOR TO OBTAINING ANY PERMIT, THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATION AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS PRIOR TO STARTING WORK UNDER THIS CONTRACT.
 - IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 150 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
 - WHEN WORK IS WITHIN A CONTRACT CITY, THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO PAY THE INSPECTION FEE.
 - THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE "APPLICATION FOR CONSTRUCTION PERMIT" TO APPLY FOR AN ACCEPTABLE CONSTRUCTION START DATE AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (818) 408-5185 AT LEAST EIGHT (8) HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO ACCURACY OF THE LOCATION OR OF THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 - ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, INCLUDING SUPPLEMENTALS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
 - THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 900-1.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN REGARD TO SAFETY ORDERING AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENTS" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD 900-1.
 - ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL, DATUM OF 1988.
 - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
 - NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS 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, CENTERLINE OF STREETS, OR CENTERLINE OF ALLEYS, USE SHOWN BY CIRCLES OR SQUARES 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 PROVIDE THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" JUNCTIONS 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 OTHERS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE M.L. UNLESS 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 CURB ELEVATION FOR EACH HOUSE LATERAL. THE HOUSE LATERAL DEPTH SHALL BE USED UNLESS OTHERWISE SPECIFICALLY NOTED.
 - THE LATEST REVISION STANDARD PLAN OR DRAWING SHALL BE USED UNLESS OTHERWISE SPECIFICALLY NOTED.

- CONSTRUCTION NOTES:
- PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCE AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH SIDE FROM THE POINT OF INTERFERENCE.
 - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "S" PER STANDARD SPECIFICATIONS SECTION 900-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN 9-58, CASE II. TWO FEET OF EACH SIDE FROM THE POINT OF INTERFERENCE.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" WITHIN SEWER. IF NECESSARY FOR STANDARD SPECIFICATIONS SECTION 900-2.
 - HOUSE LATERALS SHALL BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - 5/8" OR THE EQUIVALENT MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - IF DURING THE COURSE OF CONSTRUCTION, IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE LATERAL, V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER STANDARD PLAN 9-58, CASE II, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
 - ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN 9-58 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN 9-58, OR REINFORCED PRECAST CONCRETE MANHOLES PER STANDARD PLAN 9-58, EXCEPT AS NOTED.
 - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
 - FULL COMPLIANCE WITH SECTION 900-1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPLETION AND SAID EQUIVALENTS BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO ACCEPTANCE OF THE WORK BY THE COUNTY.
 - ALL BACKFILL AND FILL OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY BOTH WELLS COMPACTION TEST, D-15, PER 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 OF THE WORK BY THE COUNTY.
 - MANHOLE TOPS IN IMPROVED AREAS TO BE LEVEL WITH FINISHED GRADE.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 900-1.4 OF THE STANDARD SPECIFICATION AND SPECIAL PROVISIONS.
 - ALL W/ER AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.

THIS SEWER PRIVATE CONTRACT
 ACCEPTED FOR PUBLIC USE
 06-22-2003
 COUNTY OF LOS ANGELES
 DEPARTMENT OF PUBLIC WORKS
 LAND DEVELOPMENT DIVISION

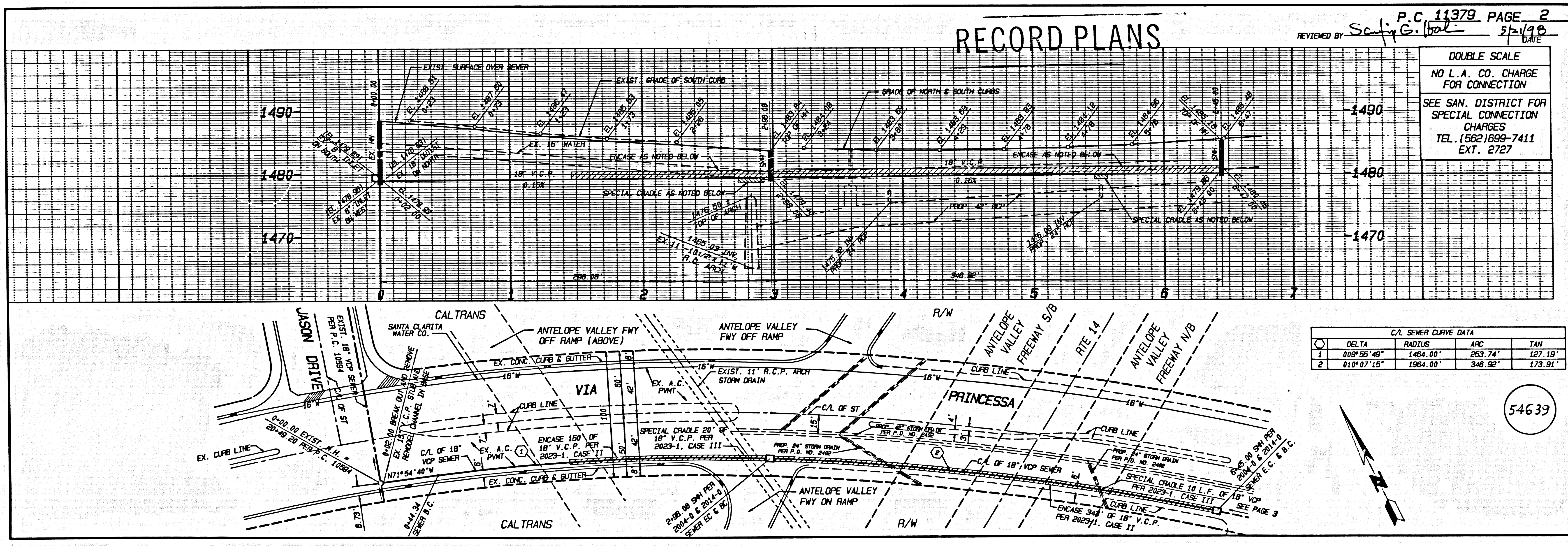
PROFILE, ALIGNMENT AND GRADE OF PAGE 1
SANITARY SEWERS
 TO BE CONSTRUCTED IN
VIA PRINCESSA, ET AL
D.S. 492
PRIVATE CONTRACT NO. 11379
INDEX 1417
3 SHEETS; 6 PAGES
 SCALE: VERT. 1" = 8' APRIL, 1998
 PREPARED IN THE OFFICES OF
SIKAND ENGINEERING
 15230 BURBANK BLVD. BURBANK, CA 91511-3508
 BY: [Signature] REG. C.E. NO. 35453 TEL. (818) 787-8550

RECORD PLANS

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

LABOR	900-9
MINIMUM PUBLIC SAFETY REQUIREMENTS	900-9
BRICK MANHOLE	900-9
STANDARD MANHOLE STEP	900-9
SECTION FOR SEWER PIPE	900-9
CONDUITS AND ENCASUREMENT	900-9
W/ER OR THE SUPPORT	900-9
ALLOWABLE TRENCH WIDTHS	900-9
LOCKING MANHOLE FRAME AND COVER	900-9
NON-REINFORCED PRECAST CONCRETE MANHOLE	900-9
BLANKET PROTECTION FOR PIPES	900-9
REQUIREMENTS FOR SAN. SEWERS NEAR WATER MAINS	900-9
RECTANGULAR SHALLOW MANHOLE	900-9
RECTANGULAR MANHOLE FRAME & COVER	900-9
HOUSE CONNECTION SEWER	900-9

* DENOTES A.P.W.A. STD. PLAN (1995) EDITION
 COUNTY OF LOS ANGELES, CALIFORNIA
 HARRY M. STONE DIRECTOR OF PUBLIC WORKS
 CHARLES M. CAPPY CHIEF ENGINEER
 CD. SAN. DIST. NO. 26
 APPROVED [Signature] 5-2-98 DATE 5-2-98
 CHECKED [Signature] 5-2-98 DATE 5-2-98
 RES. C.E. NO. 45141
 SANTA CLARITA VALLEY BLDG. DIST. B.2

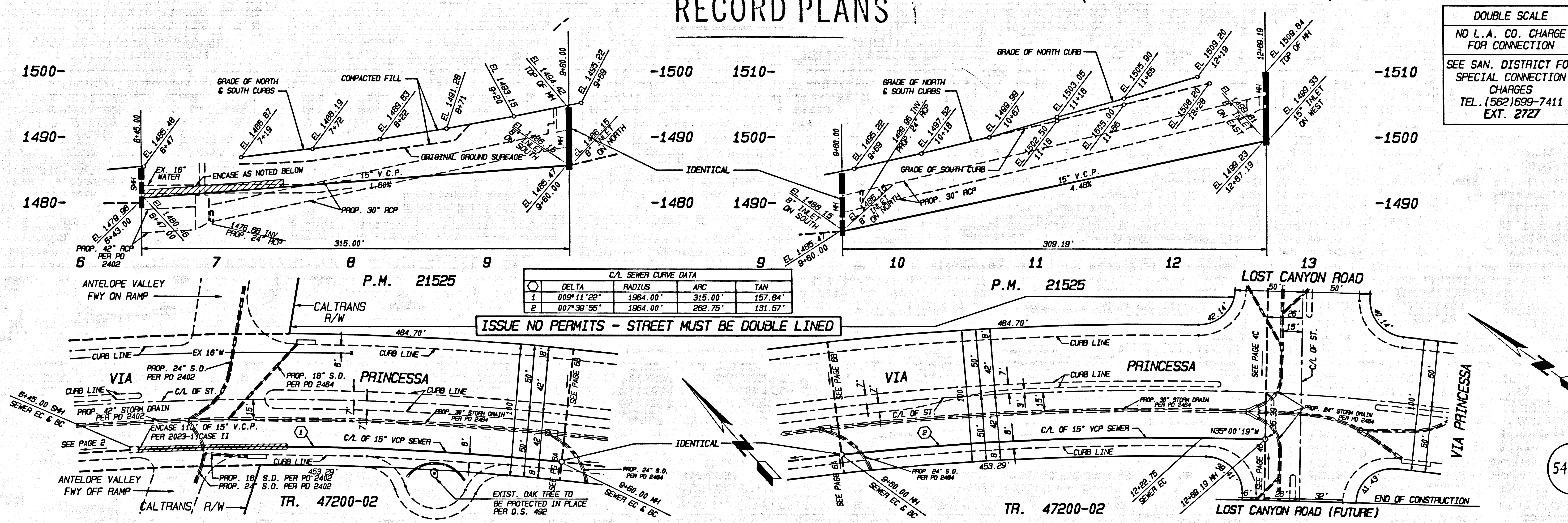


C/L SEWER CURVE DATA

NO.	DELTA	RADIUS	ARC	TAN
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2	010° 07' 15"	1984.00'	346.92'	173.91'

RECORD PLANS

REVIEWED BY *Saif G. Ghalib* DATE 5/2/98 P.C. 11379 3



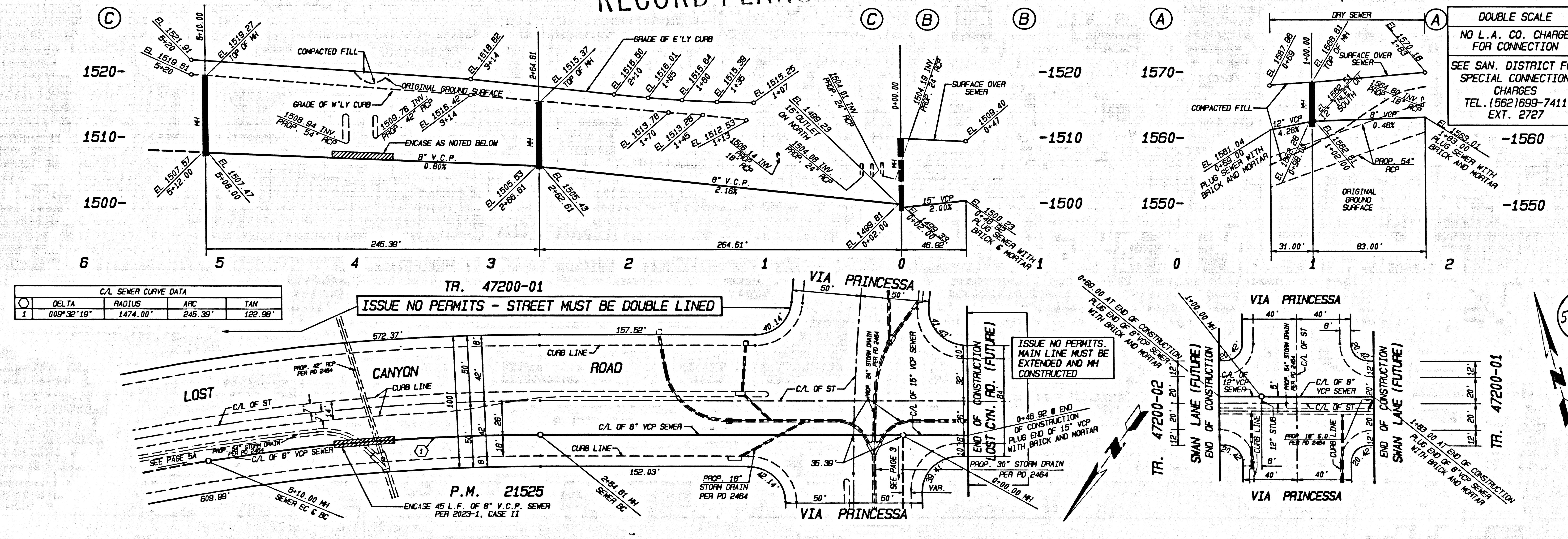
DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTION
SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (562)699-7411 EXT. 2727

5
D.2. 485 BC 11379

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RECORD PLANS

REVIEWED BY *Saif G. Ghalib* DATE 5/2/98 P.C. 11379 4



DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTION
SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
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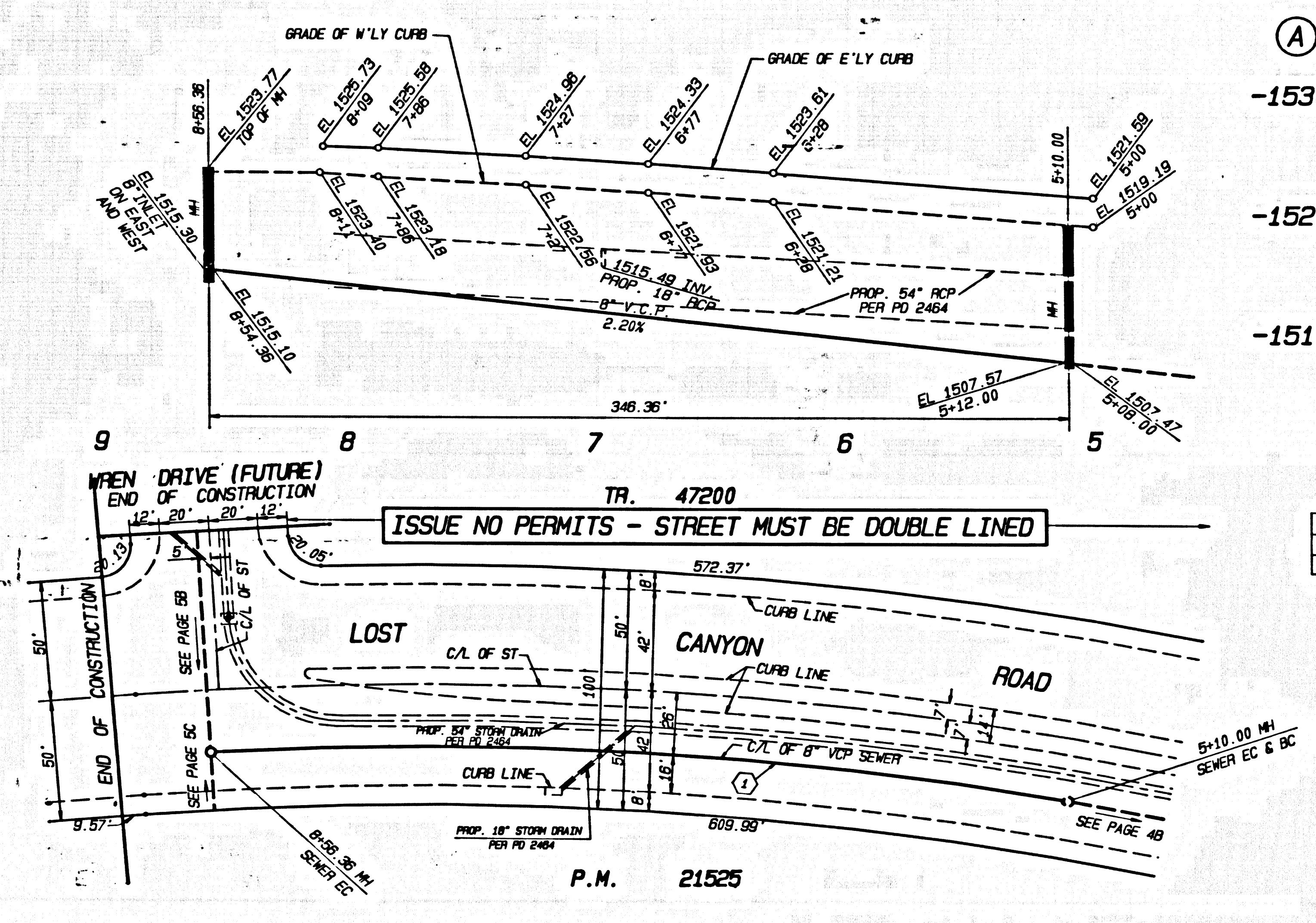
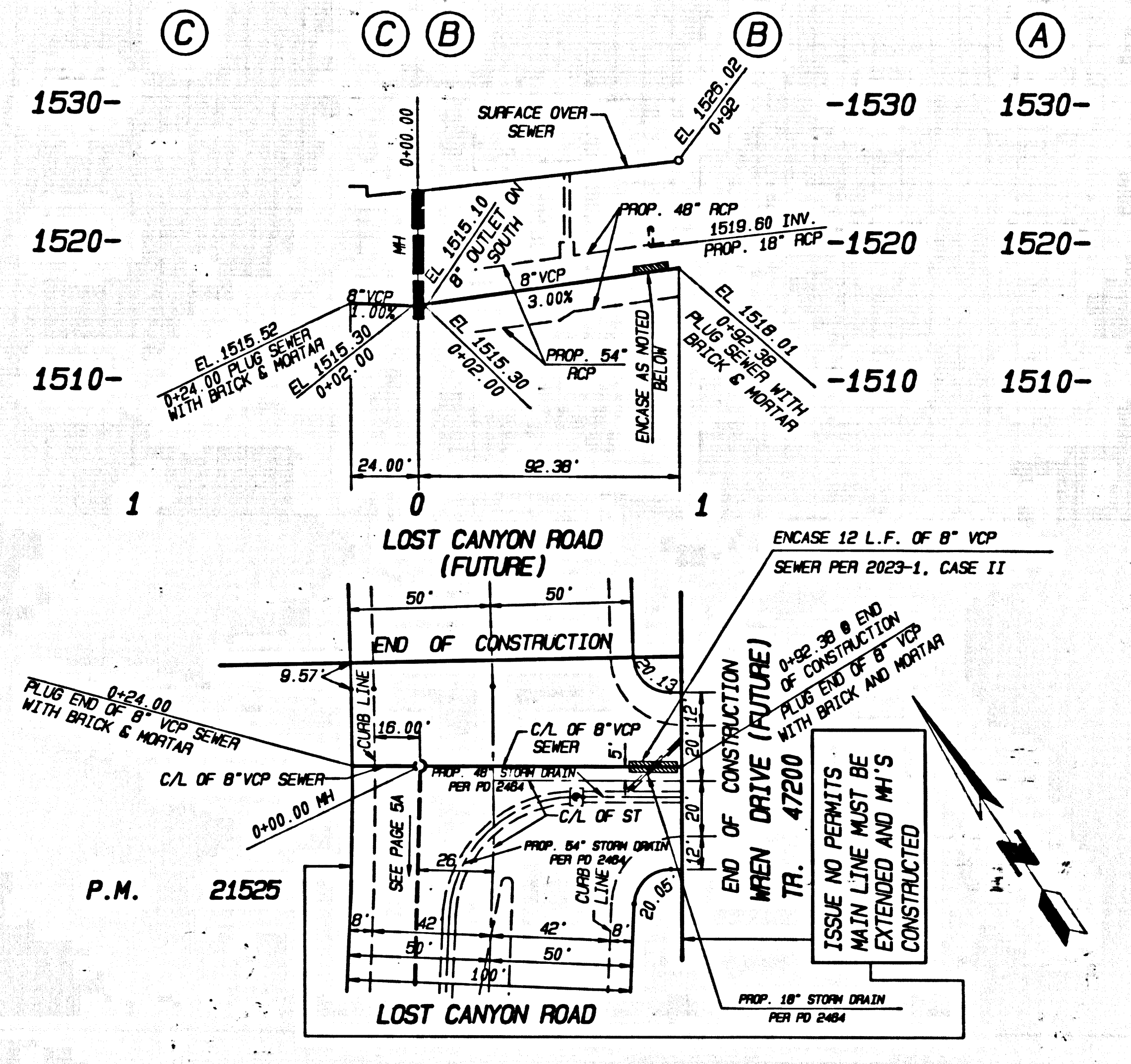
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REVIEWED BY *Safiq C. Iqbal*

DATE *5/2/98*

P.C. *11379* PAGE *5*

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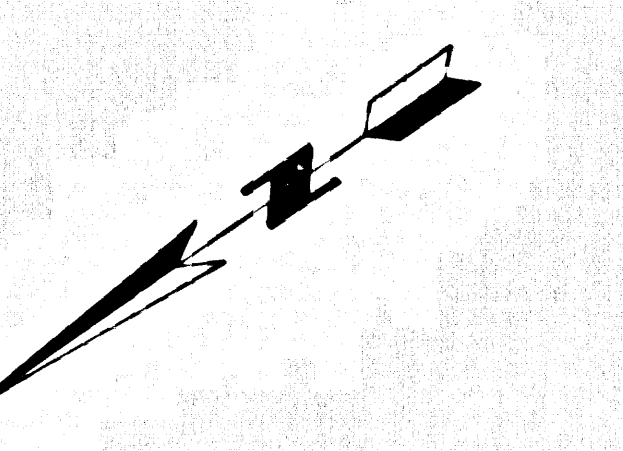


DOUBLE SCALE
 NO L.A. CO. CHARGE FOR CONNECTION
 SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 699-7411 EXT. 2727

RECORD PLANS

C/L SEWER CURVE DATA			
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54642



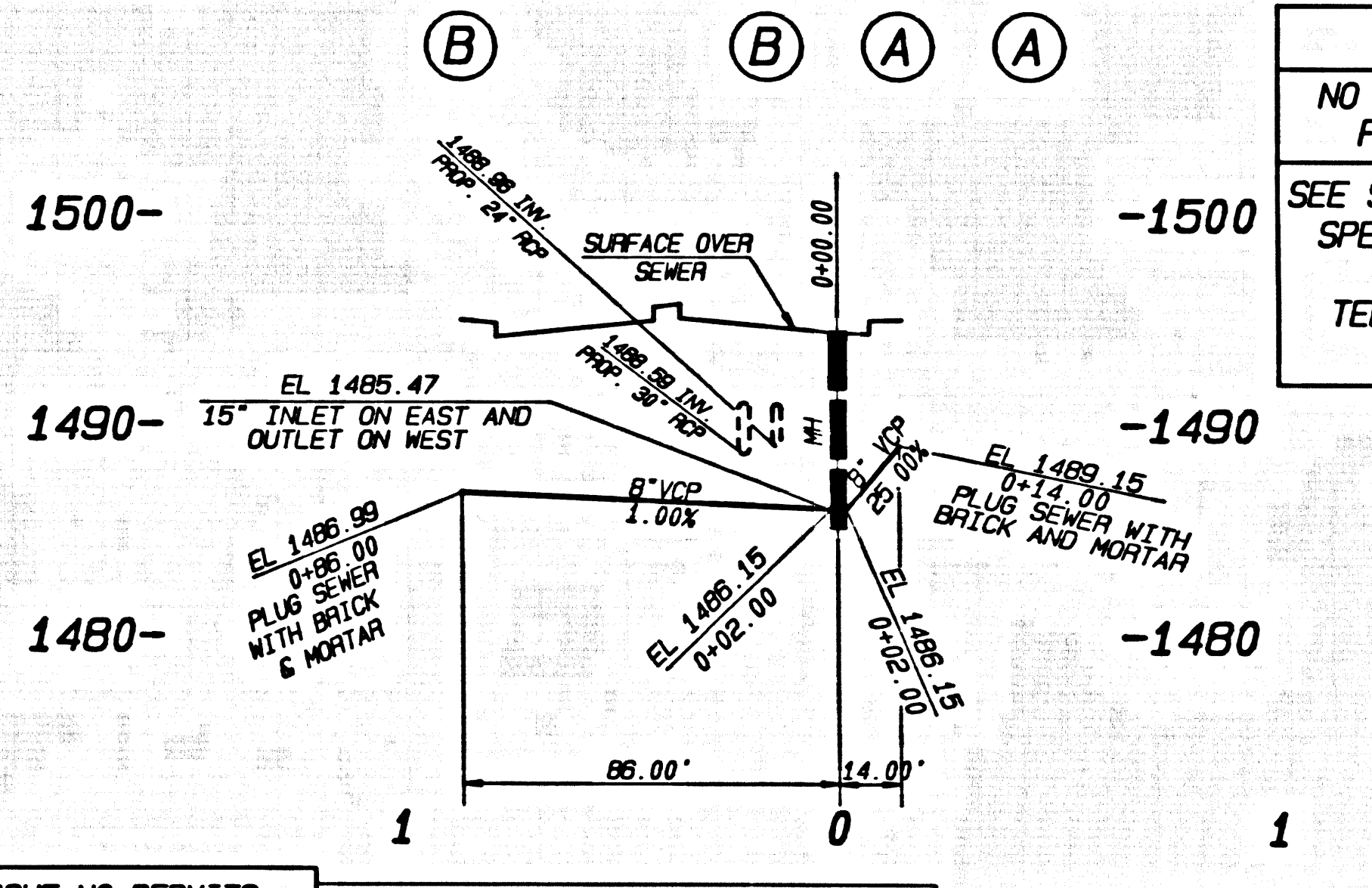
RECORD PLANS

REVIEWED BY *Safiq C. Iqbal*

DATE *5/2/98*

P.C. *11379* PAGE *6*

3



DOUBLE SCALE
 NO L.A. CO. CHARGE FOR CONNECTION
 SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 699-7411 EXT. 2727

ISSUE NO PERMITS MAIN LINE MUST BE EXTENDED AND MH'S CONSTRUCTED

54643

