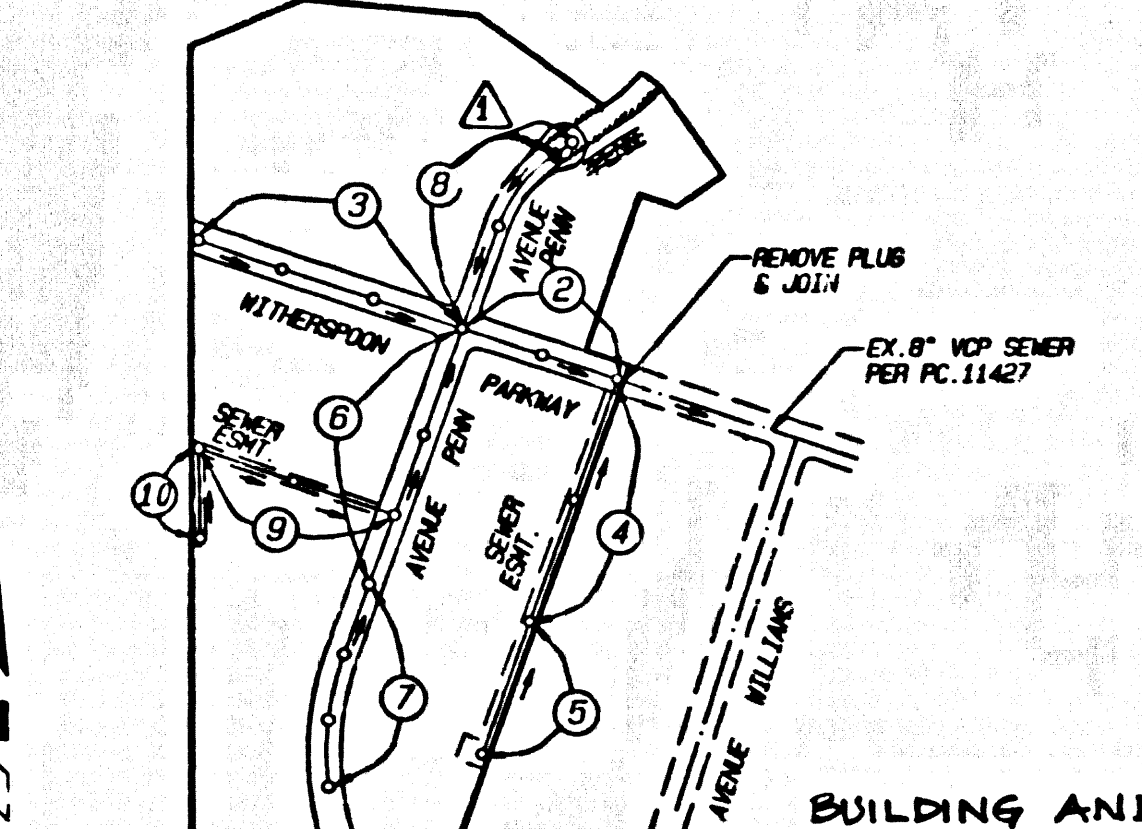


B.M. 3976 ELEV. 1065.652
TOP OF T&E 10' DIA. W/ 400' DIA. 11.5' C/SST L.S.
C/L INT THE OLD ROAD & W/SEY C/N RD OFF-RAMP
(SHELL GAS STATION)
NEWHALL QUAD. 19.93



INDEX MAP
SCALE: 1" = 60'
P.C. 11472 P.M. NO. 19784
THOMAS GUIDE PG. NO. 4459/F-6.7-6-6.7.
NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

NO.	REVISION	REVISOR	APPROVED BY	DATE
1	REVISED INDEX MAP & SEWER PLAN & PROFILE ON PAGE B. ADDED STORM DRAIN ON PAGE 2.	Donna	F. [Signature]	11/16/04
2	ADD 6" N.L. TO PAGES 3 & 9	[Signature]	[Signature]	1/7/05

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- Eroded sediments and other pollutants must be retained on site and not be transported from the site via erosion, wash, snow grains, natural drainage courses or wind.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the force of wind or water.
- Fuels, oils, solvents and other toxic materials must be stored in accordance with their listing and are not to contaminate the soil and surface waters. All spill over 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 concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wash on site until they can be disposed of as solid waste.
- Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersed by wind.
- Sediments and other materials may not be washed from the site by vehicle traffic. The construction entrance roadways must be established so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soils or degraded of vegetation must be stabilized so as to inhibit erosion by wind and water.

The following BMPs are outlined in, but not limited to, the Best Management Practices Manual, California Stormwater Quality Task Force Recommendations, California 1990, and the Federal Clean Water Act and its implementing regulations. Additional measures may be required if deemed appropriate by County:

- | | |
|---|--|
| CA001 - DEMANDING OPERATIONS | ES010 - SEEDING AND PLANTING |
| CA002 - PAINTING OPERATIONS | ES011 - MULCHING |
| CA003 - STRUCTURE CONSTRUCTION AND PAINTING | ES020 - IDENTIFIABLE AND MATS |
| CA010 - MATERIAL STORAGE AND STORAGE | ES021 - SOFT CONTROLS |
| CA020 - SOLID WASTE MANAGEMENT | ES022 - TEMPORARY STREAM CROSSING |
| CA021 - HAZARDOUS WASTE MANAGEMENT | ES023 - CONSTRUCTION ROAD STABILIZATION |
| CA022 - CONCRETE WASTE MANAGEMENT | ES024 - STABILIZED CONSTRUCTION ENTRANCE |
| CA023 - HAZARDOUS WASTE MANAGEMENT | ES025 - STABILIZED CONSTRUCTION ENTRANCE |
| CA030 - SANITARY WASTE MANAGEMENT | ES026 - STORM DRAIN SILENT PROTECTION |
| CA031 - WASTE OIL AND EQUIPMENT CLEANING | |
| CA032 - WASTE OIL AND EQUIPMENT MAINTENANCE | |
| ES001 - STORMWATER COLLECTION | |
| ES002 - PRESERVATION OF EXISTING VEGETATION | |

STANDARD PLANS:
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE PERMITS APPLY IN THE CONSTRUCTION OF THIS PROJECT.
LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
APWA 208-8 BREAKING INTO EXISTING MANHOLES
APWA 220-8 HOUSE CONNECTION REPAIRING
APWA 200-2 NON-REINFORCED PRECAST CONCRETE MANHOLE
APWA 200-1 BLANKET PROTECTION FOR PIPES
2000-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
2001-0 BEGINNING FOR SEWER PIPES
2002-0 W/SEY CONNECTION SHEET
2007-0 ALLOWABLE TRENCH WIDTHS
2008-0 MINIMUM PUBLIC SAFETY REQUIREMENTS
2015-0 STANDARD MANHOLE STEP
2016-0 CHALKING AND EQUIPMENT REQUIREMENTS FOR SAN. SEWERS NEAR WATER MAINS

- | | |
|---|--|
| CA001 - DEMANDING OPERATIONS | ES010 - SEEDING AND PLANTING |
| CA002 - PAINTING OPERATIONS | ES011 - MULCHING |
| CA003 - STRUCTURE CONSTRUCTION AND PAINTING | ES020 - IDENTIFIABLE AND MATS |
| CA010 - MATERIAL STORAGE AND STORAGE | ES021 - SOFT CONTROLS |
| CA020 - SOLID WASTE MANAGEMENT | ES022 - TEMPORARY STREAM CROSSING |
| CA021 - HAZARDOUS WASTE MANAGEMENT | ES023 - CONSTRUCTION ROAD STABILIZATION |
| CA022 - CONCRETE WASTE MANAGEMENT | ES024 - STABILIZED CONSTRUCTION ENTRANCE |
| CA023 - HAZARDOUS WASTE MANAGEMENT | ES025 - STABILIZED CONSTRUCTION ENTRANCE |
| CA030 - SANITARY WASTE MANAGEMENT | ES026 - STORM DRAIN SILENT PROTECTION |
| CA031 - WASTE OIL AND EQUIPMENT CLEANING | |
| CA032 - WASTE OIL AND EQUIPMENT MAINTENANCE | |
| ES001 - STORMWATER COLLECTION | |
| ES002 - PRESERVATION OF EXISTING VEGETATION | |

REVISIONS BY:
CRC ENTERPRISES
37600 BOULDER CANYON ROAD SUITE 200
SANTA CLARITA, CA 91350 661.297.2336
JAN 05
RON HOESTER REC 24339 EXP. MARCH 31, 05 DATE

ISSUE NO H.L. CONNECTION PERMITS UNTIL OUTLET P.C. 11427 IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES

DOUBLE SCALE

THIS SEWER PRIVATE CONTRACT ACCEPTED FOR PUBLIC USE
11/17/2005
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
LAND DEVELOPMENT DIVISION

RECORD PLANS

PRIVATE CONTRACT SEWER GENERAL NOTES

- A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION PERMITS AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE COUNTY CLERK'S OFFICE, 5TH FLOOR, ALHAMBRA, AT LEAST 72 HOURS PRIOR TO STARTING WORK UNDER THIS CONTRACT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, ALTHOUGH ETC. MUST BE FILED WITH THE PERMIT APPLICATION.
- PERMITS TO EXCAVATE ANY PERMIT THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA A VISION 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.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAY, 180 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- IF 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 ARRANGE FOR AN ACCEPTABLE CONSTRUCTION START DATE, AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE: (818)450-3129 AT LEAST TWENTY-FOUR HOURS BEFORE STATING 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 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.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, INCLUDING SUPPLEMENTAL SPECIFICATIONS TO THE STANDARD SPECIFICATIONS FOR SANITARY SEWERS. NO SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS ENGINEER.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 2.10.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN REGARD TO SAFETY ORDERS AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENTS" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD P-6.
- SUBSTATIONS ARE TO BE SET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1989.
- 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.
- ORDERS TO MATCH 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 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 DRAIN BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH BRASS SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" JOINTS BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING AND BRASS SHEETS. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT A DEPTH OF LESS THAN 48" OF THE "T" JOINTS. 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 ON THE PROPERTY LINE.
- THE ENGINEER SHALL REVISE THIS PLAN TO SHOW THE AS-BUILT LOCATION OF HOUSE LATERALS BEFORE THE SEWER IS ACCEPTED FOR PUBLIC USE. THE ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE AS-BUILT LOCATION OF HOUSE LATERALS.

CONSTRUCTION NOTES

- PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "B" PER STANDARD SPECIFICATIONS SECTION 808-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN PWS-1 CASE 11. TWO FEET ON 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" WITH BACKFILL IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 808-2.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- PIPE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- IF TOP OF 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. SHALL BE USED WITH 12" DIA. SLEEVES PER STANDARD PLAN S-23 CASE 11. UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL STRUCTURES SHALL BE REINFORCED PRECAST CONCRETE MANHOLES PER STANDARD PLAN S-20. OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN S-20. OR REINFORCED PRECAST CONCRETE MANHOLE PER STANDARD PLAN S-20. EXCEPT AS NOTED.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PERMITS TO WORK ON CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
- FULL COMPLIANCE WITH SECTION 200-1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTED TO A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- ALL BACKFILL AND FILLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO ONE OF MAXIMUM DENSITY AS DETERMINED BY ASTM CIVIL CONSTRUCTION TEST METHOD D-1557. THE METHOD OF TESTING SHALL BE DETERMINED BY THE DEPARTMENT OF PUBLIC WORKS PRIOR TO ACCEPTANCE OF THE WORK BY THE COUNTY.
- MANHOLE TOPS IN IMPROVED AREAS OF WAY TO BE LEVEL WITH FINISHED GRADE.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-1.4 OF THE STANDARD SPECIFICATION AND SPECIAL PROVISIONS.
- ALL WORK UNDER HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET AWAY AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS

TO BE CONSTRUCTED IN
P.M. 19784 PC NO. 11472
5 SHEETS: 10 PAGES
COUNTY OF LOS ANGELES CALIFORNIA
INDEX 1216

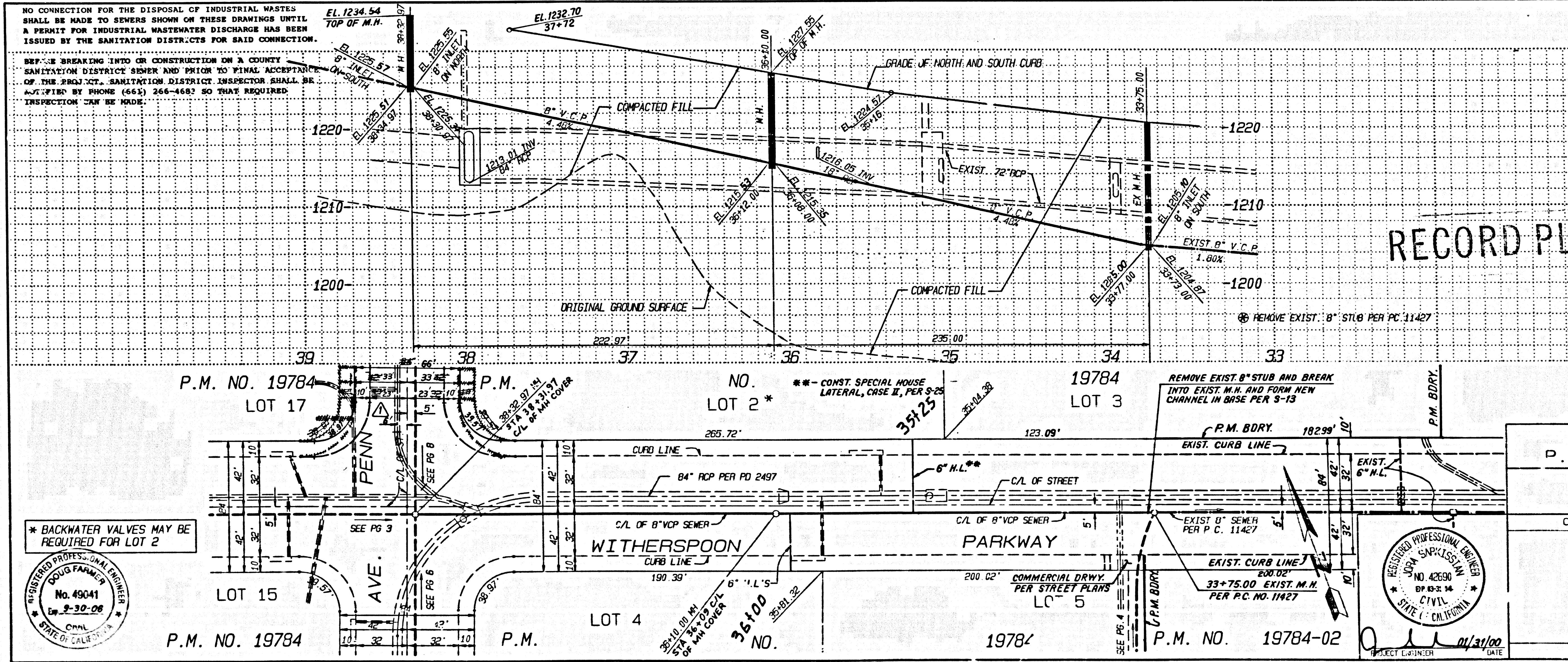
HARRY M. STONE DIRECTOR OF PUBLIC WORKS
APPROVED BY: LAND DEVELOPMENT DIVISION
BY: Ronald D. [Signature] 7-11-00
SUBMITTED BY: Phil [Signature] 7-10-2000
DIRECTOR OF PUBLIC WORKS

APPROVED: COUNTY SANITATION DISTRICT OF LOS ANGELES CALIF.
JAMES F. STABE- CHIEF ENGINEER and GENERAL MANAGER
COUNTY SANITATION DISTRICT NO. 32

DATE: 7-12-00

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING 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 1-800-554-6247 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CAMPBELL OF GENERAL TELEPHONE COMPANY AT 1-800-554-6247 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.



P.C. 11472 PAGE 2

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

PLAN SCALE: 1" = 40'

SANITARY SEWER PLANS IN P.M. NO. 19784 PC NO. 11472

REVIEWED BY: [Signature] 1/6/00
SUBDIVISION PLAN DESIGNER SECTION DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

SIKAND ENGINEERING ASSOCIATES CONSULTING ENGINEERS
15209 BURNING WOOD, EL MONTE, CA 91734
VAN WYPS CALIFORNIA 4-411 (818) 787-8554

* BACKWATER VALVES MAY BE REQUIRED FOR LOT 2

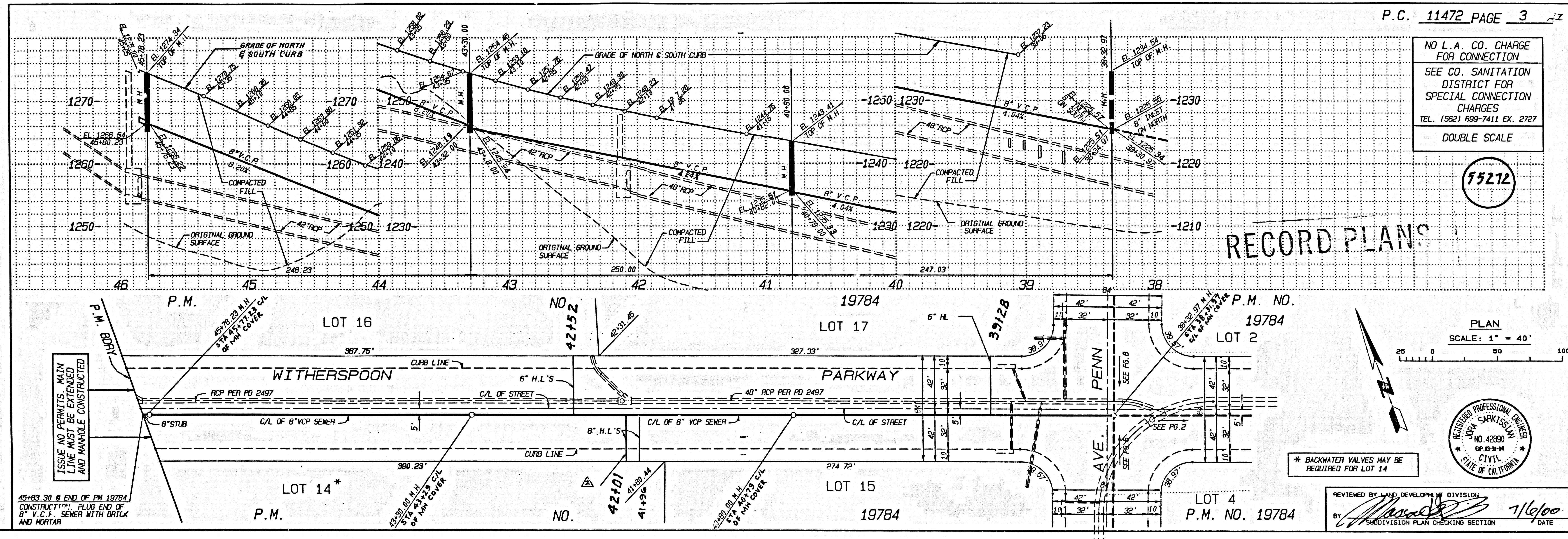
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RECEIVED PROFESSIONAL ENGINEER NO. 42259 EX. 02-14 CIVIL STATE OF CALIFORNIA

59210

BC 1745 (1)

8791 ON MAP
NO. 1618

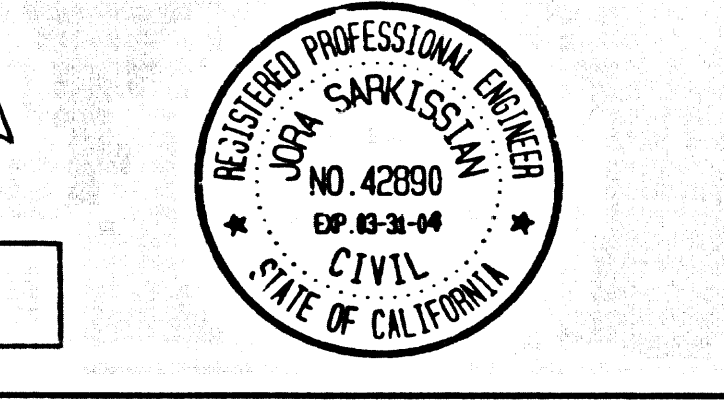


NO L.A. CO. CHARGE FOR CONNECTION
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. 19621 699-7411 EX. 2727
DOUBLE SCALE

55212

RECORD PLANS

PLAN SCALE: 1" = 40'

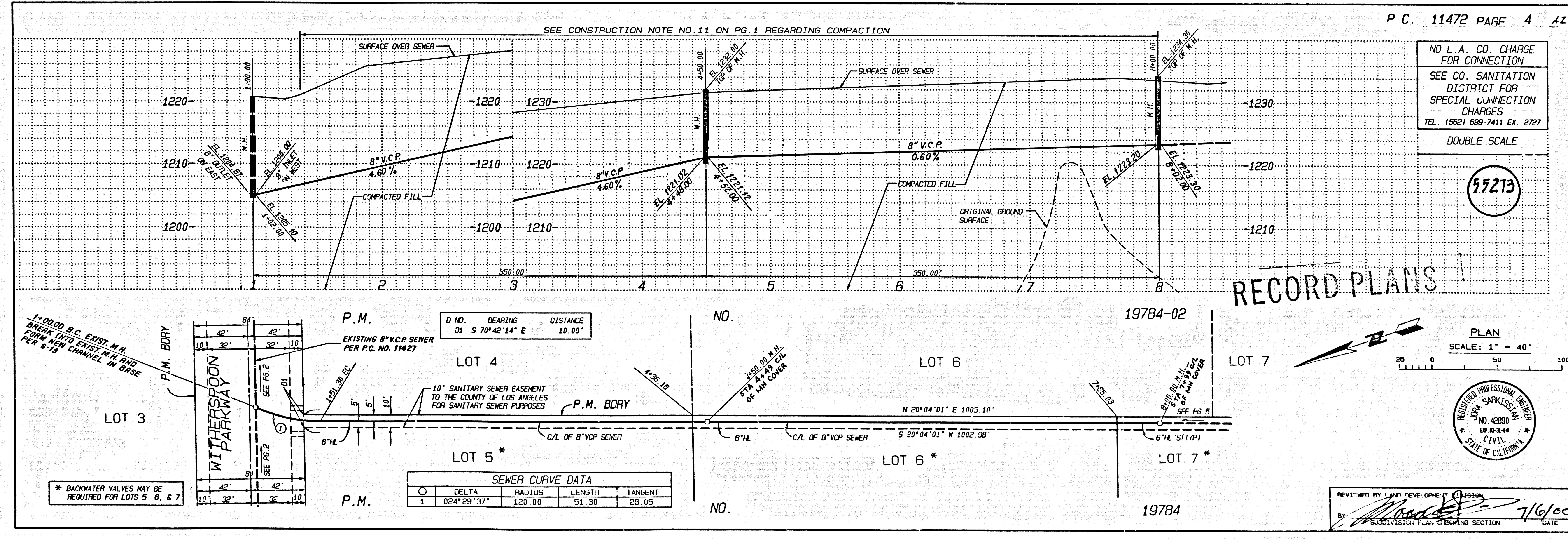


* BACKWATER VALVES MAY BE REQUIRED FOR LOT 14
REVIEWED BY LAND DEVELOPMENT DIVISION
BY [Signature] DATE 7/6/00
SUBDIVISION PLAN CHECKING SECTION

45+83.30 @ END OF PM 19784
CONSTRUCTED. PLUS END OF
8" V.C.P. SEWER WITH BRICK
AND MORTAR

ISSUE NO PERMITS. MAIN
LINE MUST BE EXTENDED
AND MANHOLE CONSTRUCTED

55111 39 18701 04 M9



NO L.A. CO. CHARGE FOR CONNECTION
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. 19621 699-7411 EX. 2727
DOUBLE SCALE

55213

RECORD PLANS

PLAN SCALE: 1" = 40'

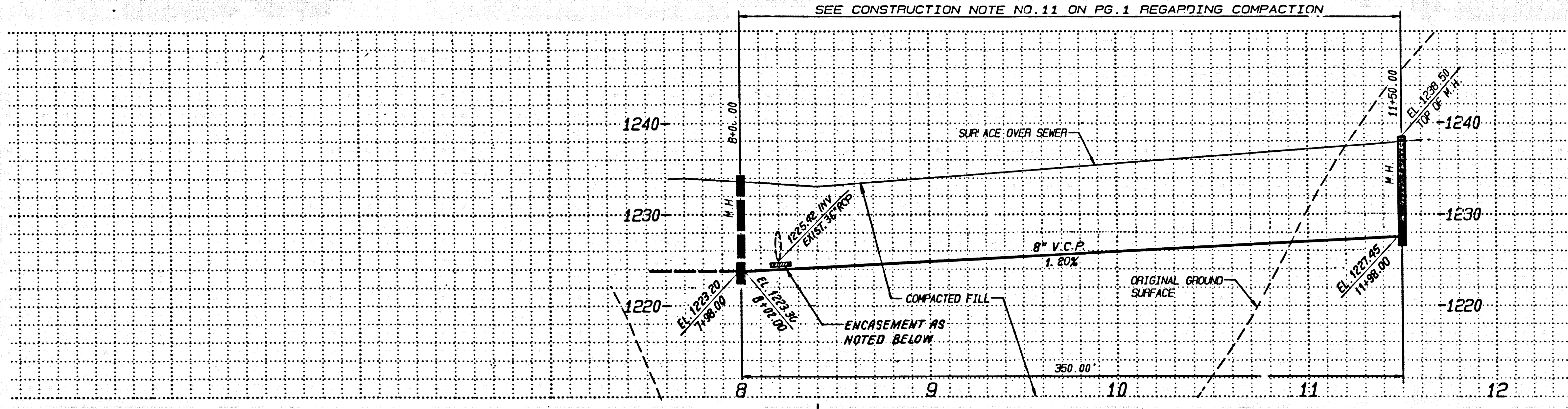


* BACKWATER VALVES MAY BE REQUIRED FOR LOTS 5, 6, & 7
REVIEWED BY LAND DEVELOPMENT DIVISION
BY [Signature] DATE 7/6/00
SUBDIVISION PLAN CHECKING SECTION

SEWER CURVE DATA

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			26.65

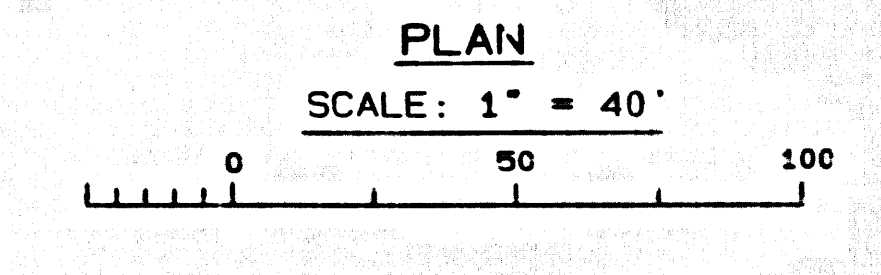
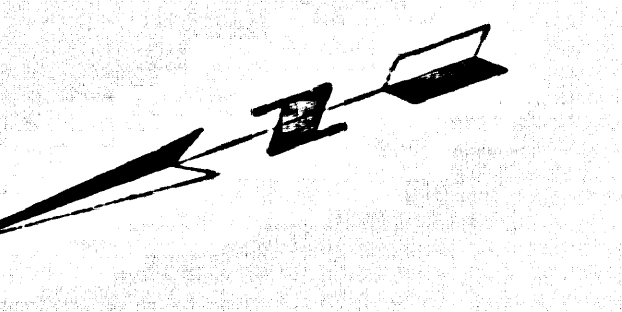
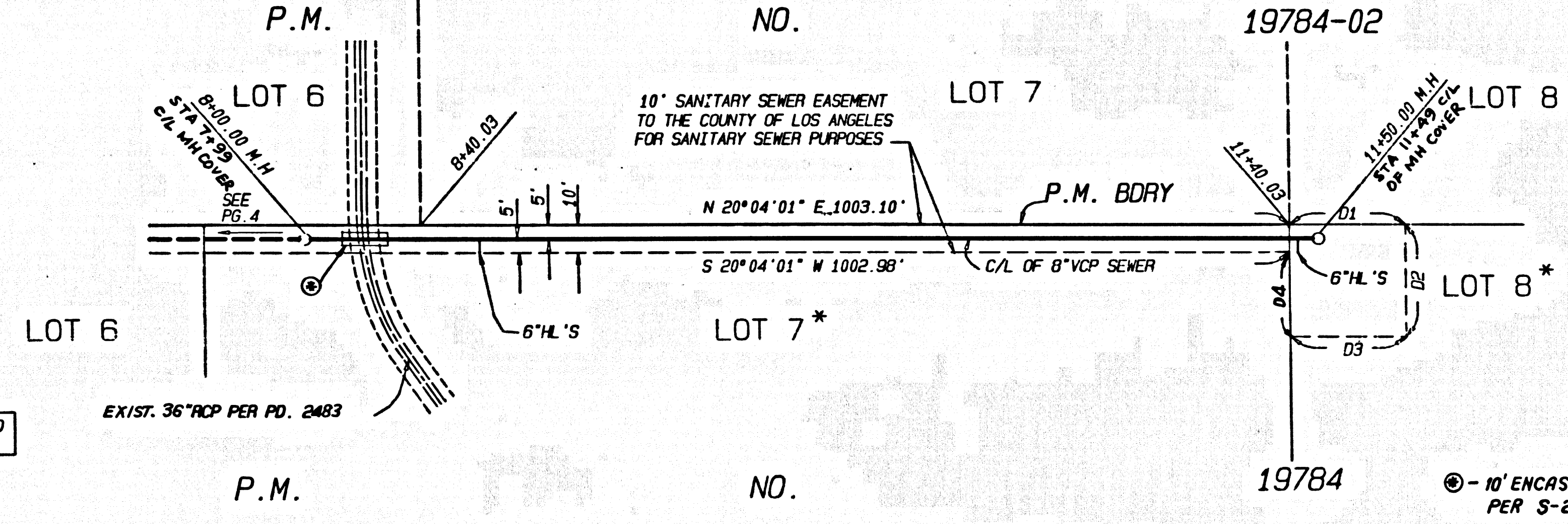
11/10/2000 10:00 AM



RECORD PLANS

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

55274



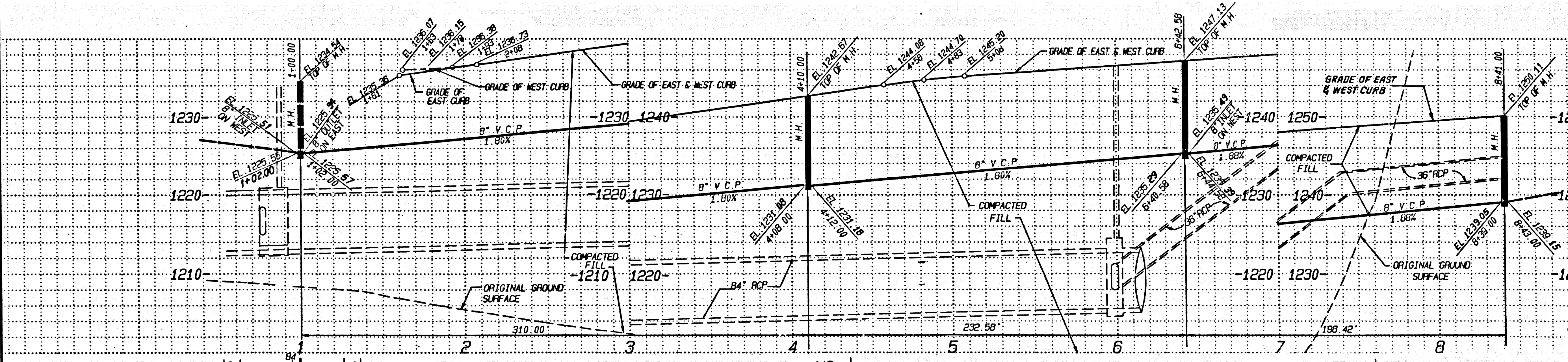
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D1	S 20°04'01" N	40.00'
D2	N 70°01'02" W	40.00'
D3	S 20°04'01" N	40.00'
D4	S 70°01'02" E	30.00'



REVIEWED BY: [Signature] DATE: 7/6/00
 SUBMISSION PLAN CHECKING SECTION

* BACKWATER VALVES MAY BE REQUIRED FOR LOTS 7 & 8

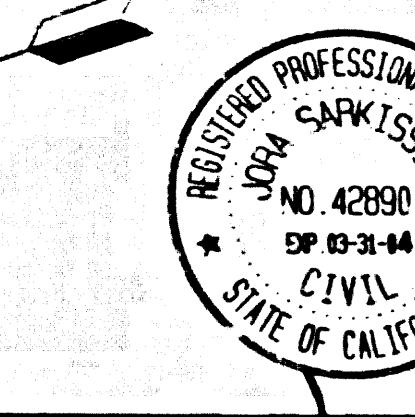
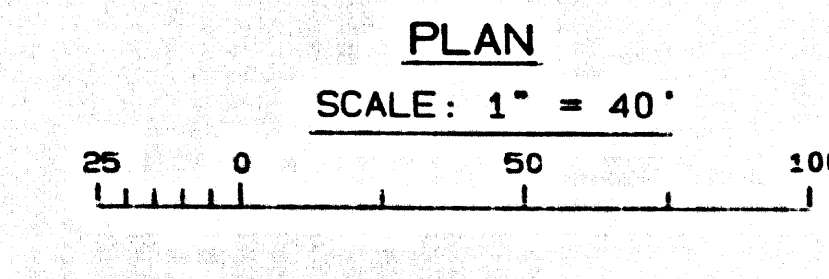
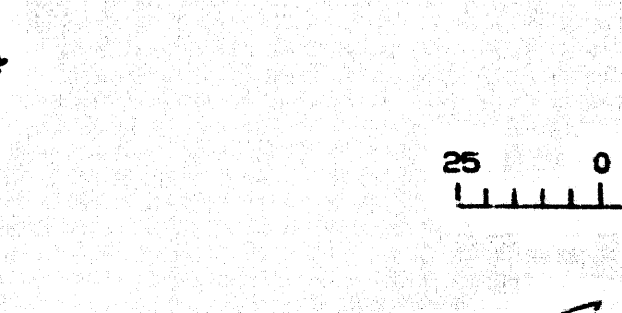
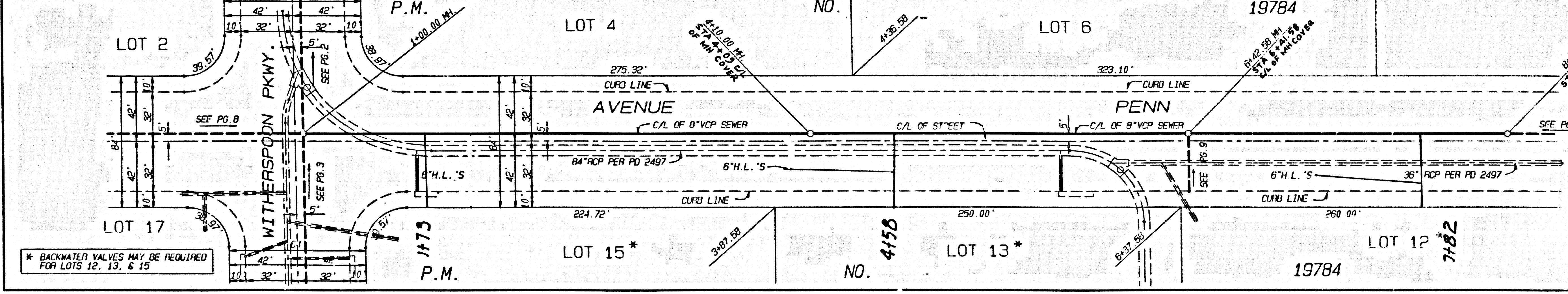
© - NO ENCASEMENT 8" V.C.P. SEWER PER S-23, CASE II



RECORD PLANS

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

55275



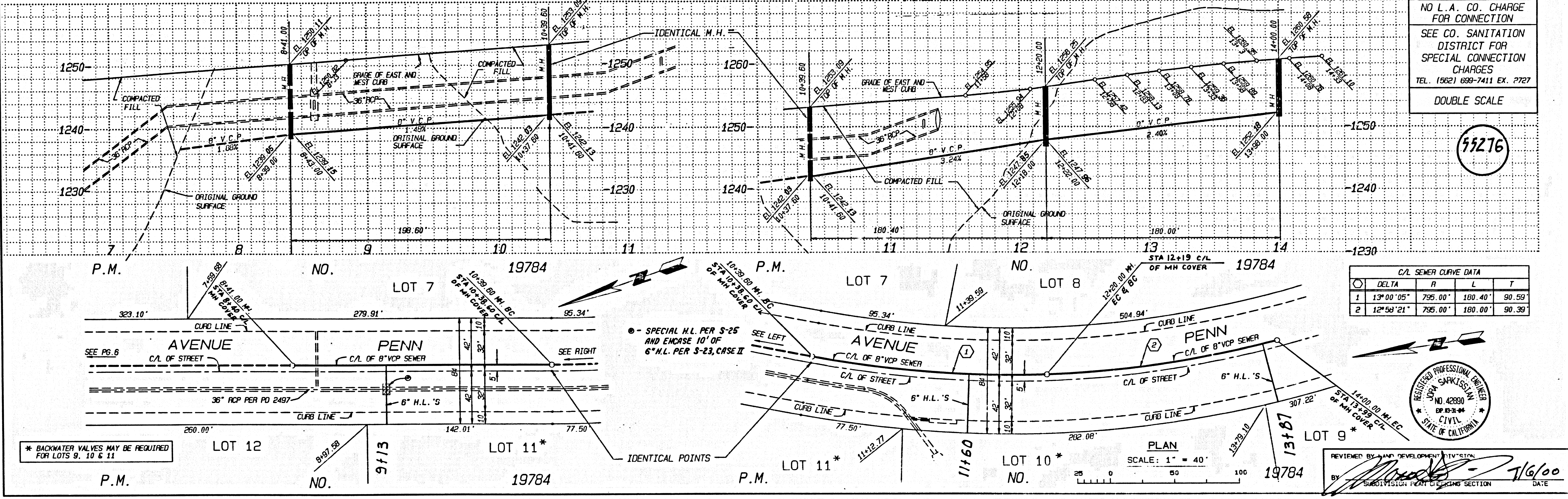
REVIEWED BY: [Signature] DATE: 7/6/00
 SUBMISSION PLAN CHECKING SECTION

* BACKWATER VALVES MAY BE REQUIRED FOR LOTS 12, 13, & 15

3
 STA 11 39
 48501 0M MP

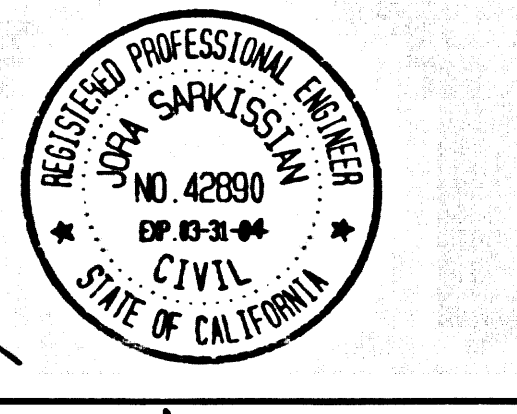
RECORD PLANS

P.C. 11472 PAGE 7 A1



NO L.A. CO. CHARGE FOR CONNECTION
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (562) 689-7411 EX. 2727
DOUBLE SCALE

55276



REVIEWED BY: [Signature] DATE: 7/6/00
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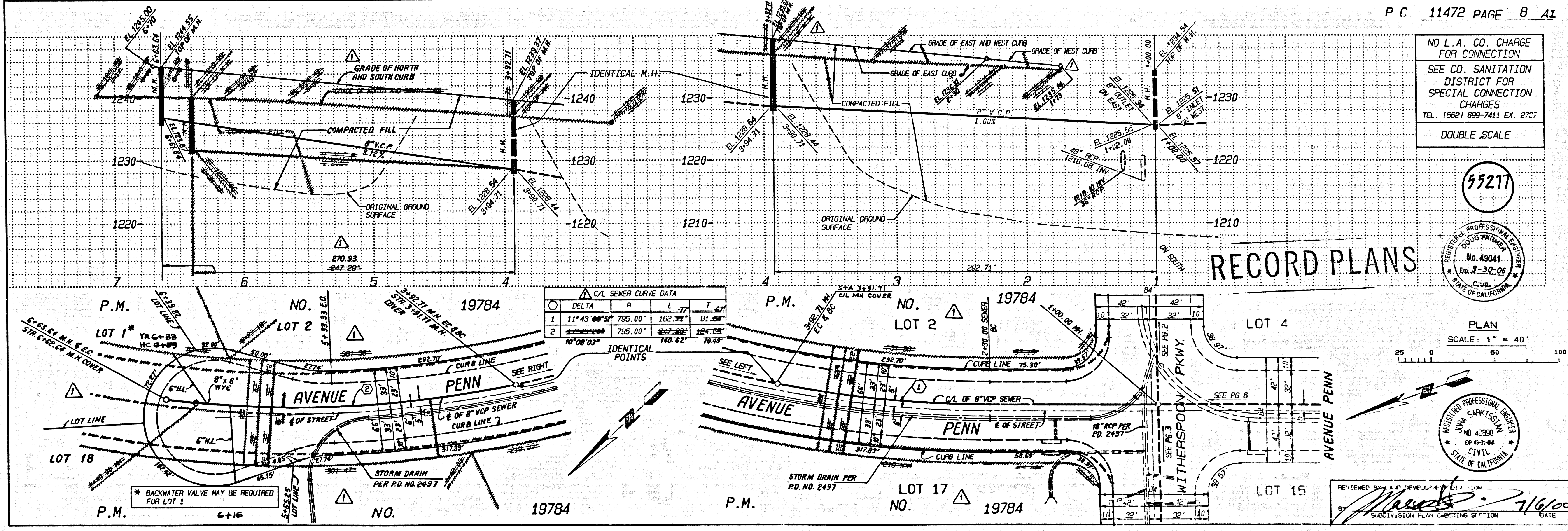
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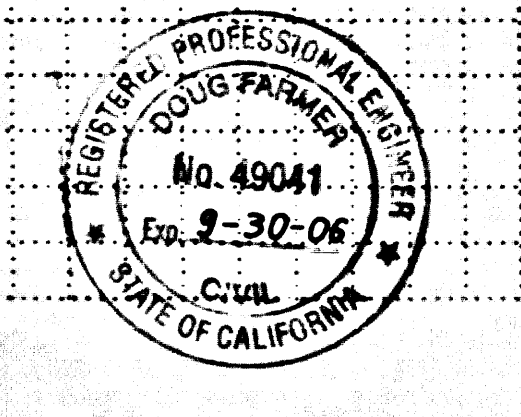
RECORD PLANS

P.C. 11472 PAGE 8 A1

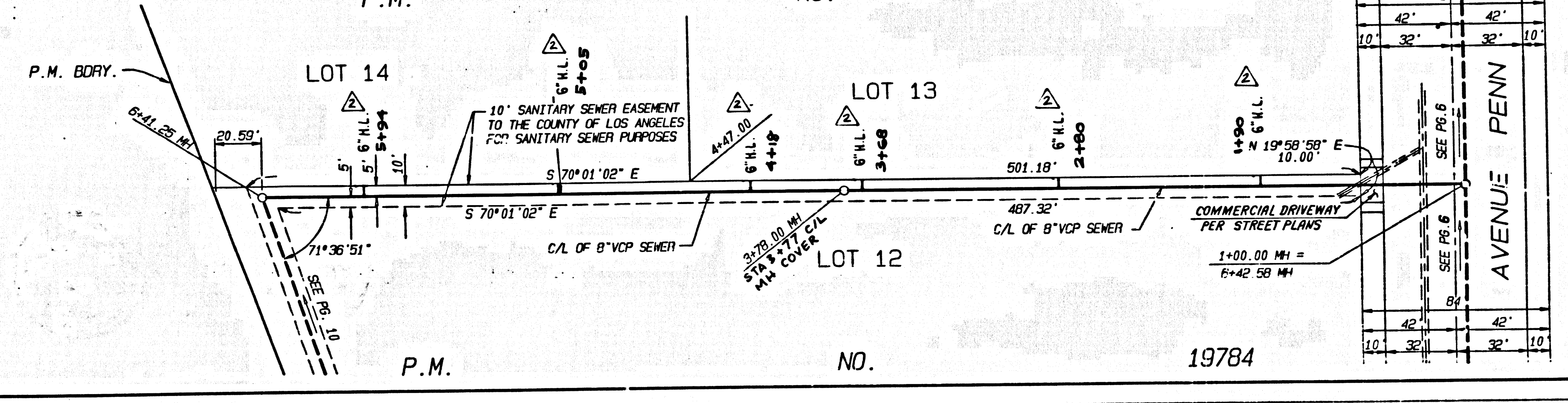
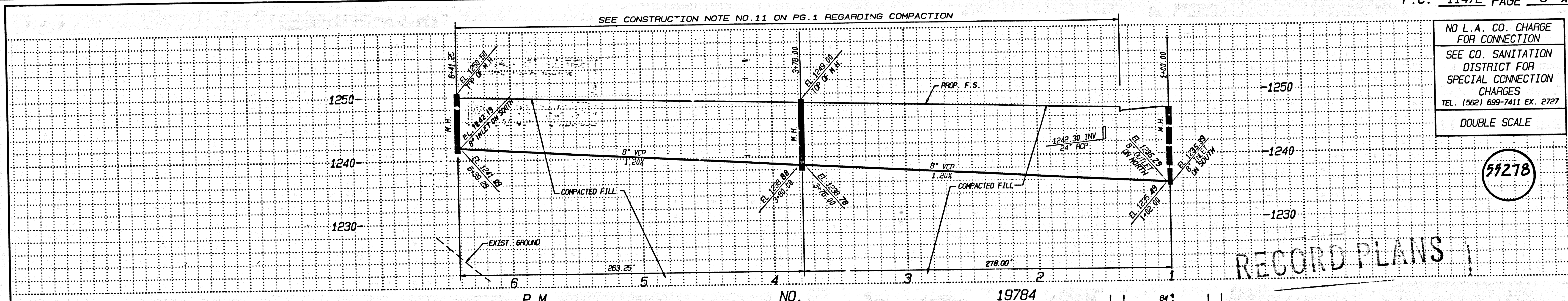


NO L.A. CO. CHARGE FOR CONNECTION
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (562) 689-7411 EX. 2727
DOUBLE SCALE

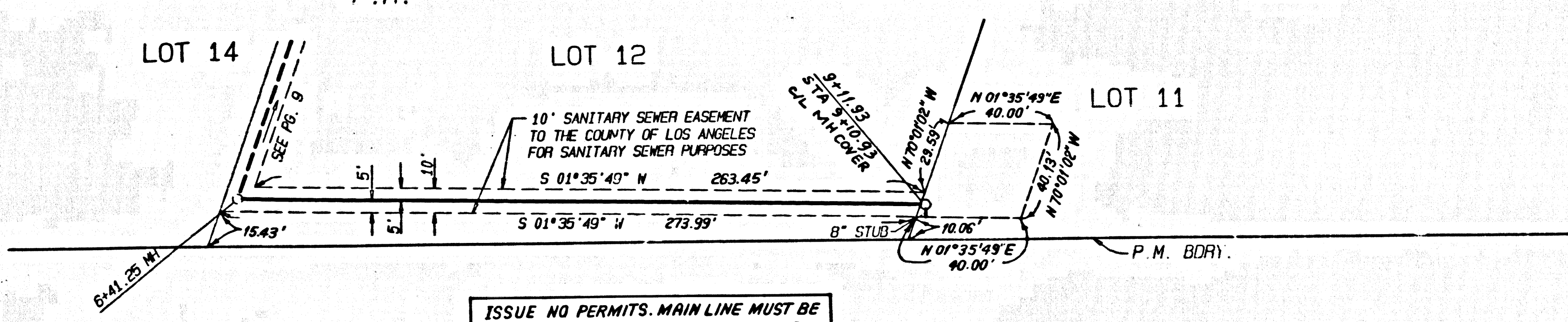
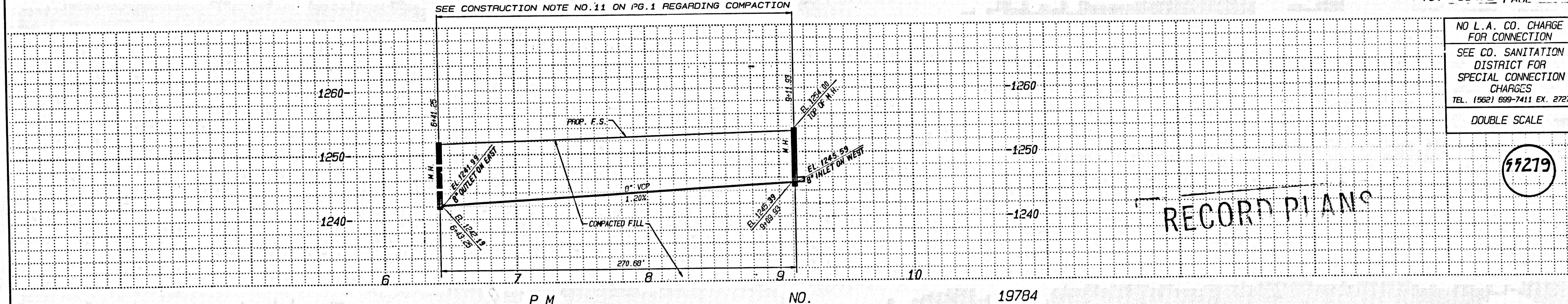
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REVIEWED BY: [Signature] DATE: 7/6/00
SUBMITTER: [Signature] DATE: 7/6/00



REVIEWED BY LAND DEVELOPMENT DIVISION
 DATE 7/6/00
 SUBDIVISION PLAN CHECKING SECTION



ISSUE NO PERMITS. MAIN LINE MUST BE EXTENDED AND MANHOLE CONSTRUCTED.

PORTION OF SECTION 11, T4N, R17W

REVIEWED BY LAND DEVELOPMENT DIVISION
 DATE 7/6/00
 SUBDIVISION PLAN CHECKING SECTION

STA 11 39 BC 11472
 18781 0M 99
 57278
 57279