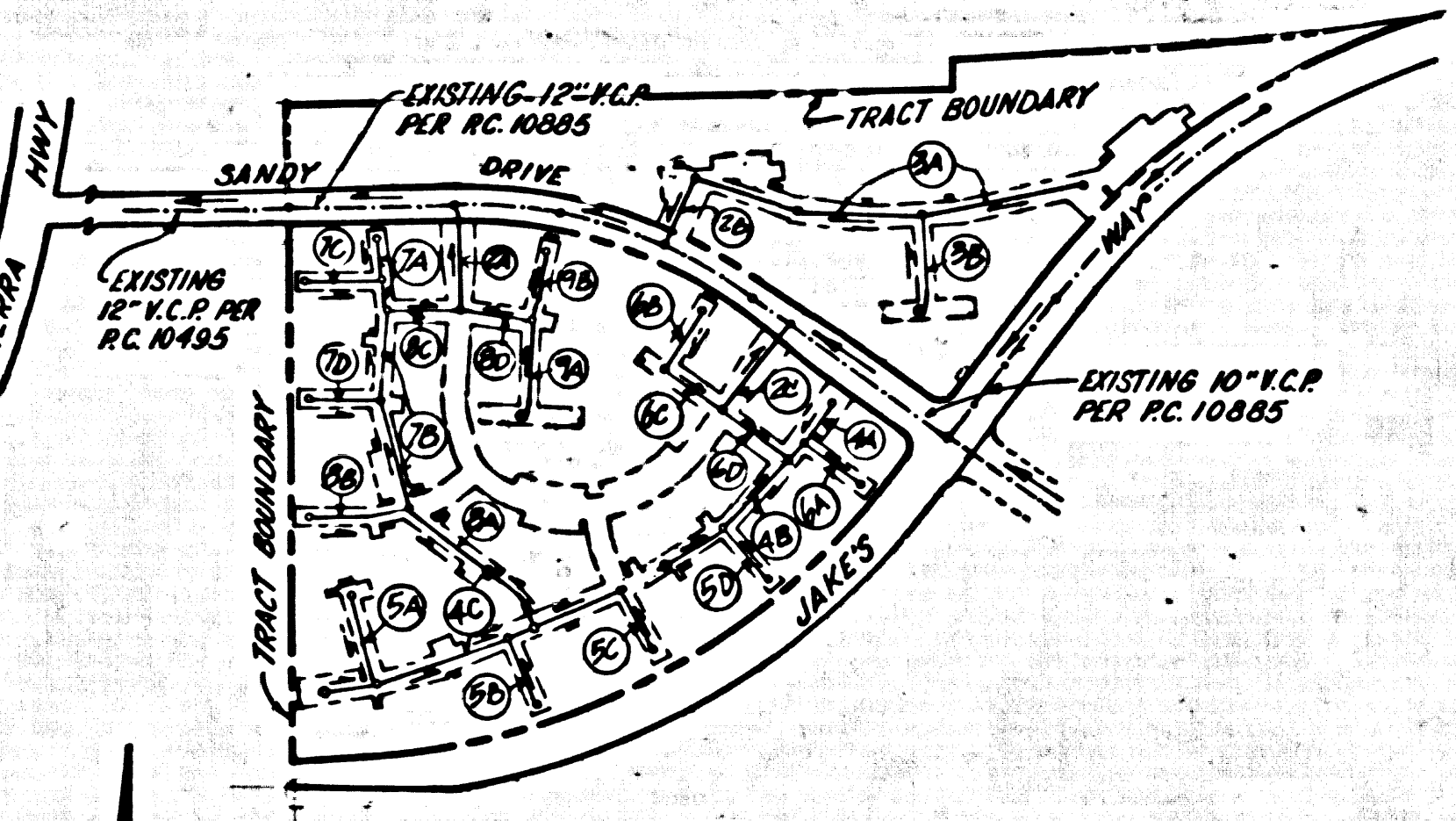


B.M. CL 939 ELEV. 1430.154  
 R.D.M. TAG ON E CR @ NE COR BR # 53-473  
 (N BARREL) OVER SANTA CLARA RIVER 10' E/O  
 & SIERRA HWY E 0.3 MI 36 SOLEDAD CYN. RD.  
 NEWMALL QUAD. 19 83

**PRIVATE ENGINEER'S NOTICE TO CONTRACTORS**  
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE SUCH PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT IN RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UNDERGROUND SERVICE ALERT AT 1-800-422-4133 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

REGISTERED CIVIL ENGINEER ROBERT R. SIMS R.C.E. NO. 21643  
 EXP. DATE: 5-30-2001

**NOTE:**  
 1. ALL PRIVATE DRIVEWAYS AND PRIVATE STREETS, SHOWN DASHED, ARE SANITARY SEWER EASEMENTS.  
 2. NUMBERS IN CIRCLES INDICATE PAGE NUMBERS.



N-1417  
 INDEX MAP  
 TRACT NO. 45287  
 P.C. NO. 11422  
 SCALE: 1" = 200'  
 T.G. 125-A9

SEE ADDITIONAL NOTES FOR SEWER CONSTRUCTION ON PAGE 10

REVISION NO. 1 DATE 11-30-98  
 SEE REVISION DESCRIPTION ON PAGE 10  
 APPROVED: *Robert R. Sims*  
 DEPT. OF PUBLIC WORKS

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS FROM THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICT 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 (805) 266-4683 SO THAT REQUIRED INSPECTION CAN BE MADE.

ISSUE NO H.L. CONNECTION PERMITS UNTIL OUTLET SEWER P.C. 10885 IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES

**GENERAL NOTES:**

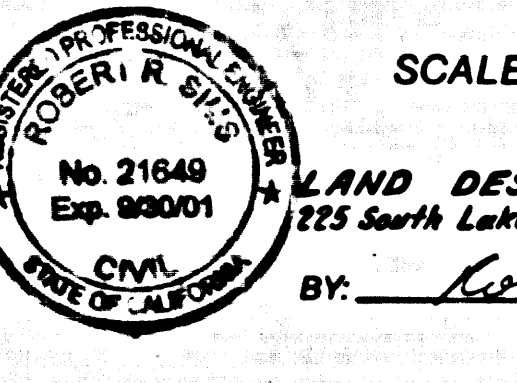
- A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE PERMITS DIVISION, 800 SOUTH FREMONT AVENUE, 8TH FLOOR, ALHAMBRA, AT LEAST 72 HOURS PRIOR TO STARTING WORK UNDER THE CONTRACT. ALL OTHER REQUIRED PERMITS, SUCH AS FROM CALIFORNIA, CALIFORNIA, ETC. MUST BE FILED WITH THE PERMIT APPLICATION.
- 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 (805) 266-4683 SO THAT REQUIRED INSPECTION CAN BE MADE.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 180 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- IF A CONTRACT CITY, THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO NOTIFY 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 (805) 266-3029 AT LEAST TWENTY FOUR 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 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, 1988 EDITION," INCLUDING SUPPLEMENTS AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, DATED JULY 31, 1988, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10.4 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 S-8.
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN LEVEL, DATUM OF 1928.
- 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 IMPROVEMENTS ARE TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURVE, 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 GRADE BETWEEN SAID DESIGNATED POINTS.
- 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. 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 GRADE SHEET.

**CONSTRUCTION NOTES:**

- HOUSE SEWER STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
- WETTED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "B" PER STANDARD SPECIFICATIONS SECTION 300-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN S-8, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WETTED CLAY PIPE SHALL BE MADE WITH A RUBBER JOINT, TYPE "D" (W/TV) SUBMITTING TO NECESSARY PER STANDARD SPECIFICATIONS SECTION 300-2.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT THE PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- "Y" OR "T" BRANCHES 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 OR HOUSE LATERAL 12" SEWER WHICH IS NOT INDICATED ON THE PLAN, THE PIPE SHALL BE ENCASED PER STANDARD PLAN S-23, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN S-8 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN S-8 OR REINFORCED PRECAST CONCRETE MANHOLES PER STANDARD PLAN S-8, EXCEPT AS NOTED.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OF CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
- FULL COMPLIANCE WITH SECTION 704-1.3 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL OF STREETS. CERTIFICATION OF BACKFILL COMPLETION AND SAND EQUIVALENTS BY A QUALIFIED ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- ALL BACKFILL AND FILL OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD COMPACTION TEST. THE METHOD OF COMPACTION OTHER THAN STANDARD 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 THE START OF CONSTRUCTION.
- MANHOLE TOPS IN IMPROVED RIGHTS OF WAY TO BE LEVEL WITH FINISHED GRADE.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 300-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

**DOUBLE SCALE**  
 PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN

TRACT NO. 45287  
 PRIVATE CONTRACT NO. 11422  
 INDEX 1417  
 5 SHEETS, 10 PAGES

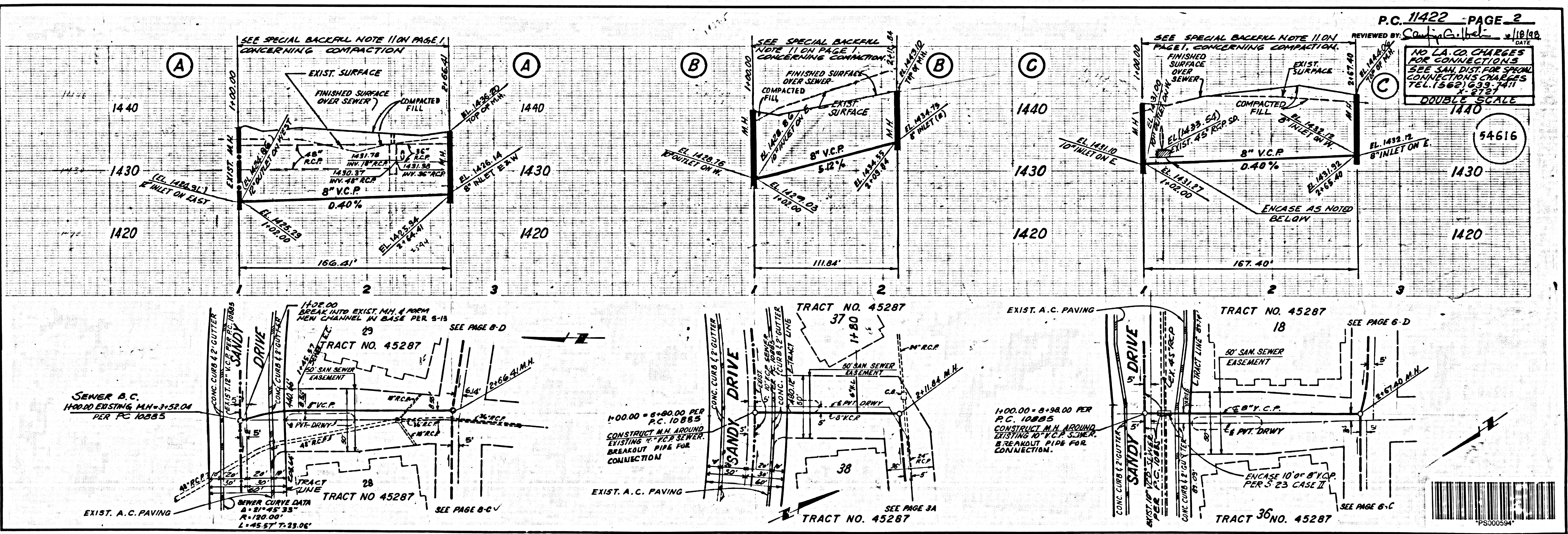


SCALE: VERT. 1" = 8'  
 HORIZONTAL: AS SHOWN  
 PREPARED IN THE OFFICES OF:  
**LAND DESIGN CONSULTANTS, INC.**  
 125 South Lake Avenue, Suite 600 Pasadena, Ca. 91101  
 BY: *Robert R. Sims*  
 REG. C.E. NO. 21643

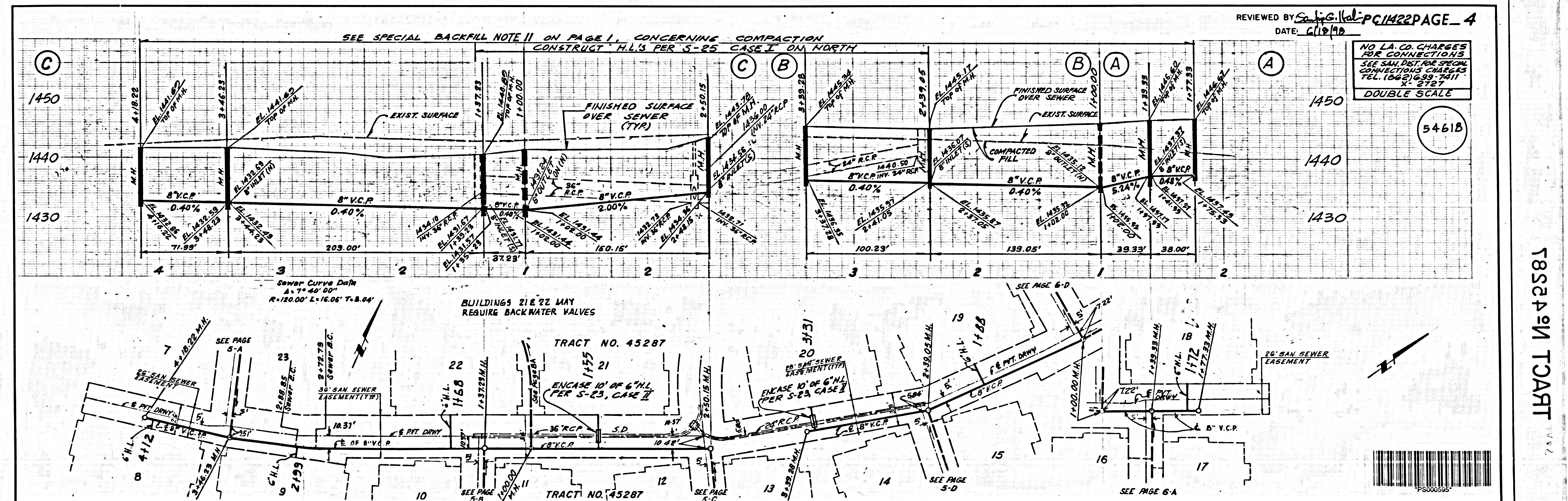
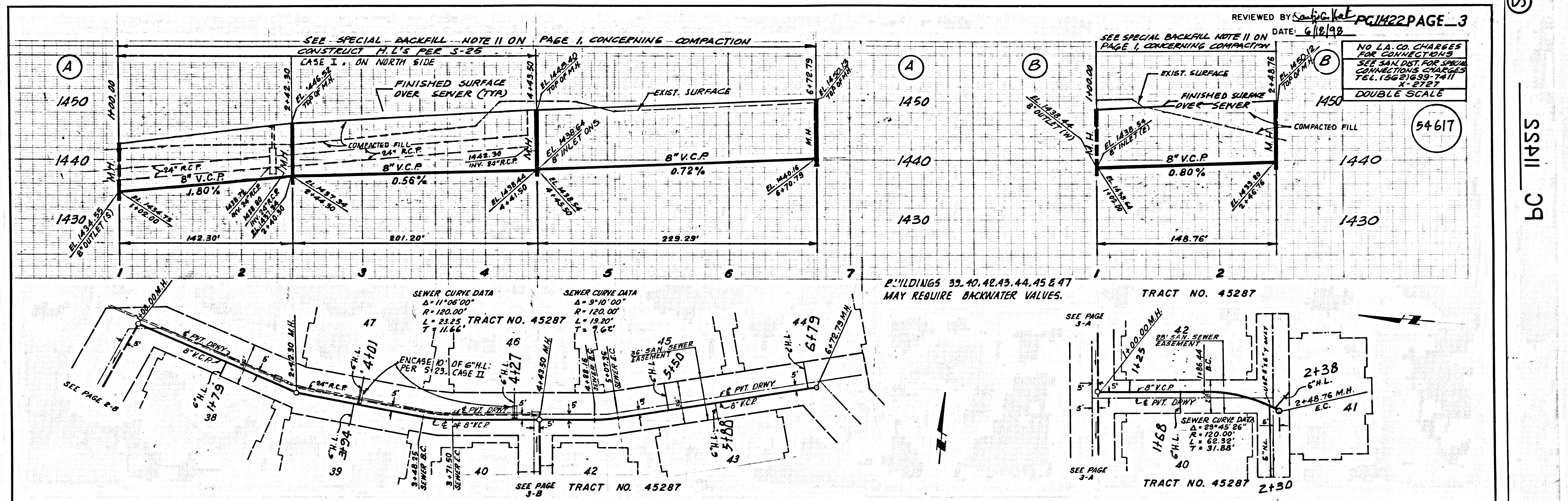
THE FOLLOWING LATEST REVISION STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY TO THE CONSTRUCTION OF THIS PROJECT:

LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
REINFORCED PRECAST CONCRETE MANHOLE	S-4
STANDARD MANHOLE STEP	S-7
RECORDS FOR SEWER PIPE	S-8
CALCULATING AND ENCASING	S-9
WYE OR TEE SUPPORT	S-10
ALIGNABLE TRENCH WIDTHS	S-11
LOCKING MANHOLE FRAME AND COVER	S-12
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-13
BREAKING INTO EXISTING MANHOLE	S-14
SPECIAL HOUSE LATERALS	S-25

COUNTY OF LOS ANGELES, CALIFORNIA  
 HARRY W. STON, DIRECTOR OF PUBLIC WORKS  
 CHARLES W. CARR, CHIEF ENGINEER  
 APPROVED: *Robert R. Sims* 6-18-98  
 CHECKED: *Robert R. Sims* 6-18-98  
 REG. C.E. NO. 21643



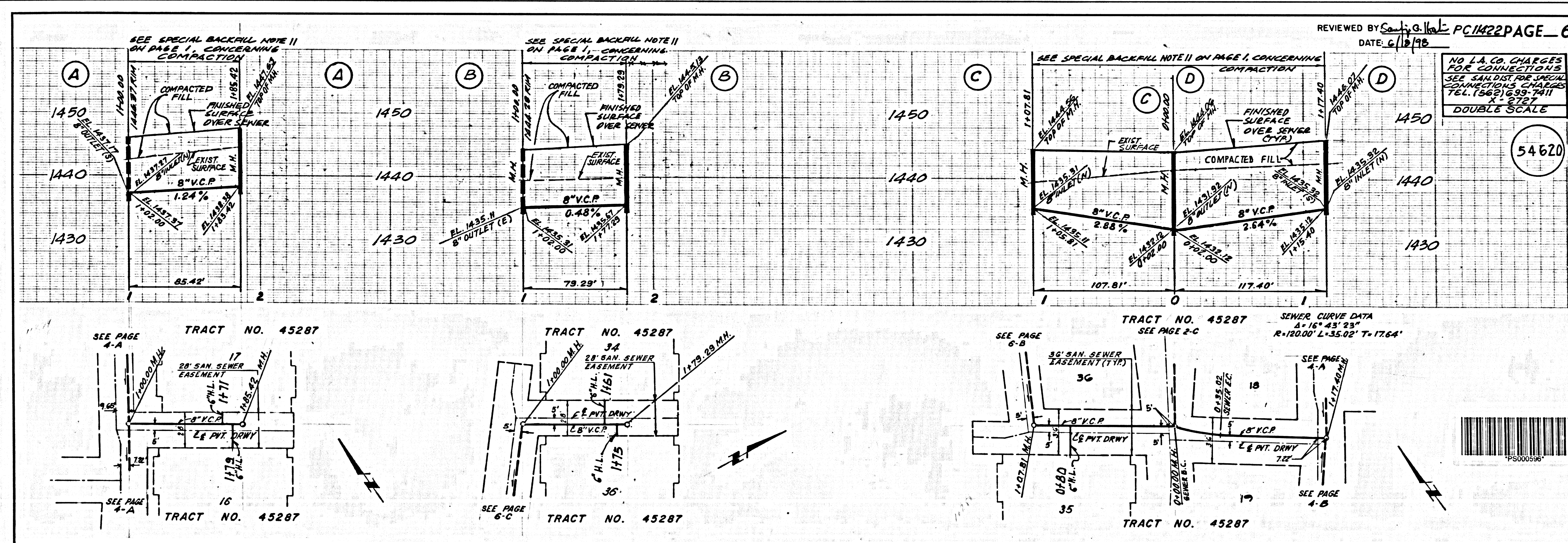
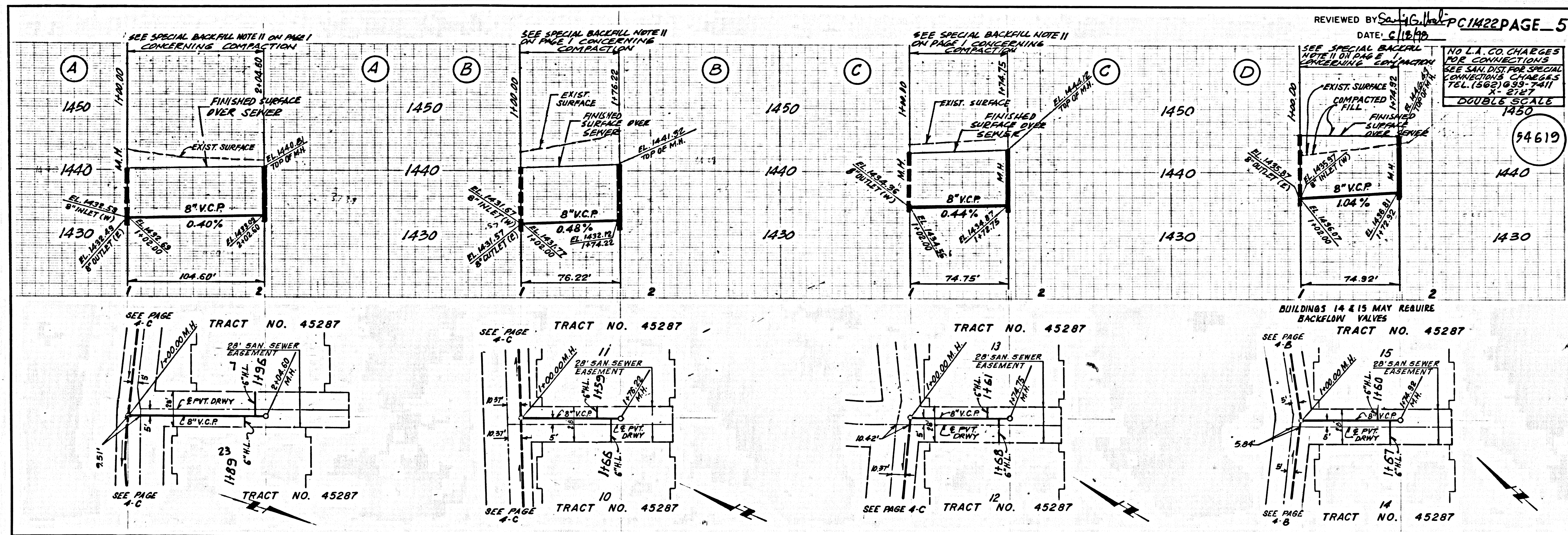
1  
 5411 39  
 18524 9M TCA9T



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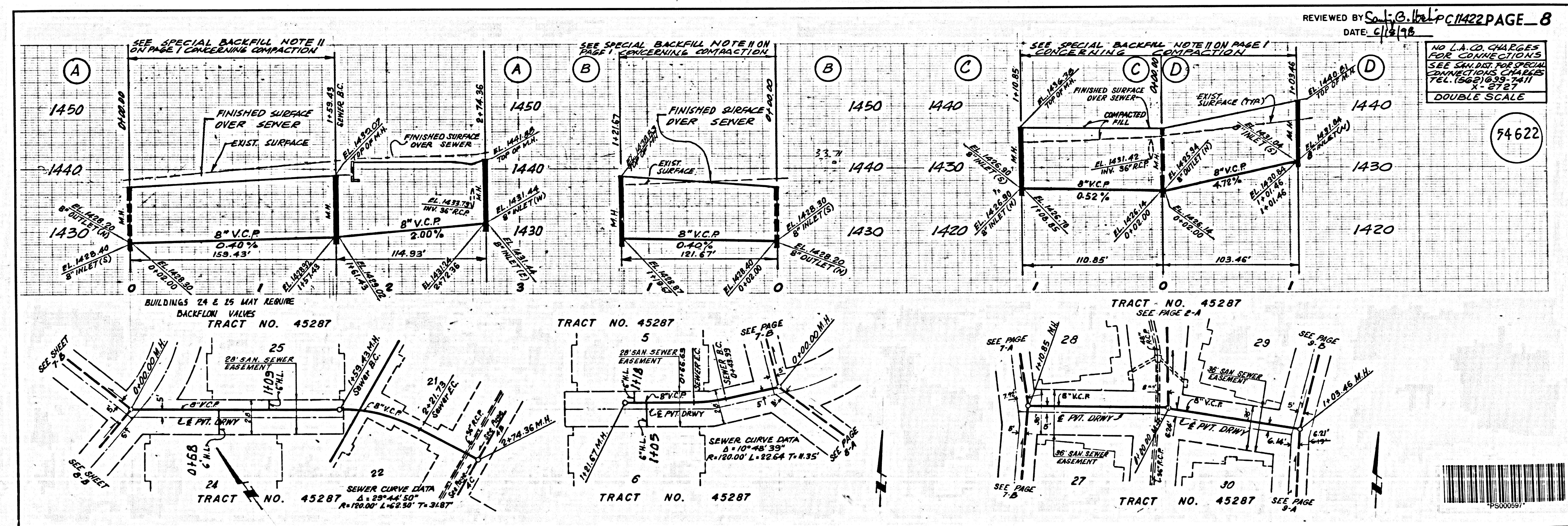
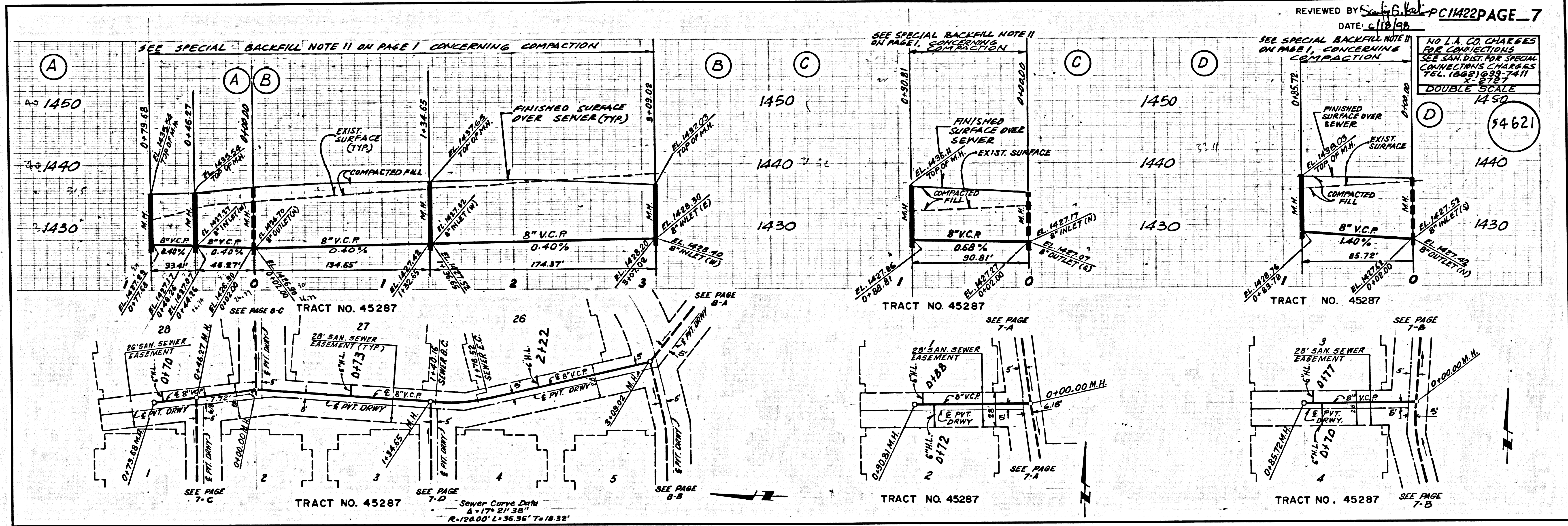
SS411 09

78524 9M TRACT



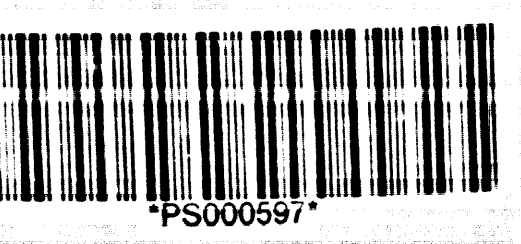
SS11 39

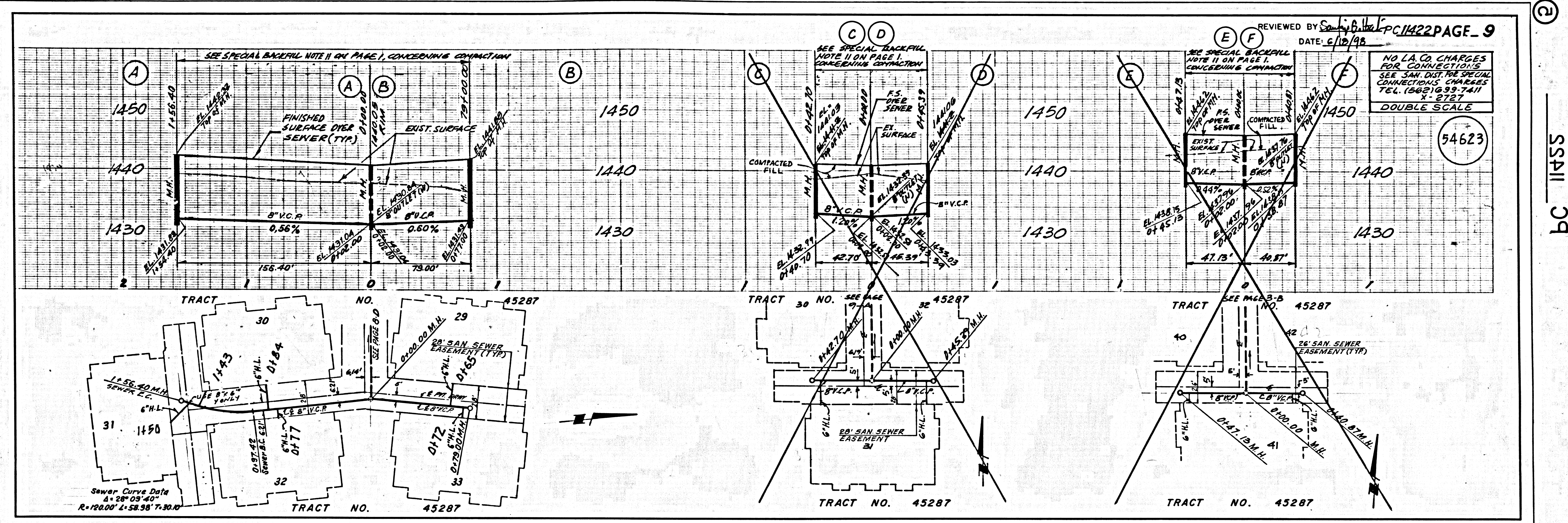
TS82A 9M TCAART



5211 CP

78524 5M TCART





REVIEWED BY *[Signature]* PC1422 PAGE 9  
DATE: 6/10/98  
NO L.A. CO. CHARGES FOR CONNECTIONS SEE SAN DIST. SPECIAL CONNECTIONS CHARGES TEL. (562) 639-7411 X-2727  
DOUBLE SCALE

**STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION**

- Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheet flow, swales area drains, natural drainage courses, or wind.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces 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 approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed 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 wastes 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 dispersal by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized 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 denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

- CA001 - Dewatering Operations
- CA002 - Paving Operations
- CA003 - Structure Construction and Painting
- CA010 - Material Delivery and Storage
- CA020 - Solid Waste Management
- CA021 - Hazardous Waste Management
- CA023 - Concrete Waste Management
- CA030 - Sanitary/Septic Waste Management
- CA030 - Vehicle and Equipment Cleaning
- CA031 - Vehicle and Equipment Fueling
- CA032 - Vehicle and Equipment Maintenance
- ESC01 - Scheduling
- ESC02 - Preservation of Existing Vegetation
- ESC10 - Seeding and Planting
- ESC11 - Mulching
- ESC20 - Geotextiles and Mats
- ESC31 - Dust Controls
- ESC32 - Temporary Stream Crossing
- ESC33 - Construction Road Stabilization
- ESC34 - Stabilized Construction Entrance
- ESC34 - Storm Drain Inlet Protection

**SPE REVISION SIGNATURE APPROVAL**

ITEM NO.	REVISION NO. 1
1	Revised Sewer Pipe Slope from 0.44% to 0.56%. Finished surface over sewer, Top of M.H. EL. Sewer M.H. Sta. from 1+01.16 to 1+10.85 on page 8C.
2	Revised Sewer Pipe Slope from 0.44% to 0.78%. Finished surface over sewer, Top of M.H. EL. Sewer M.H. Sta. from 1+00.18 to 1+23.26 on page 8D.
3	Revised Sewer Pipe Slope from 1.00% to 0.55%. Finished surface over sewer, Top of M.H. EL. Sewer M.H. Sta. from 1+23.26 to 1+58.40 on page 8A.
4	Revised Sewer Pipe Slope from 1.00% to 0.83%. Relocate M.H. from Sta. 1+16.66 to 0+75.00 on page 8B.

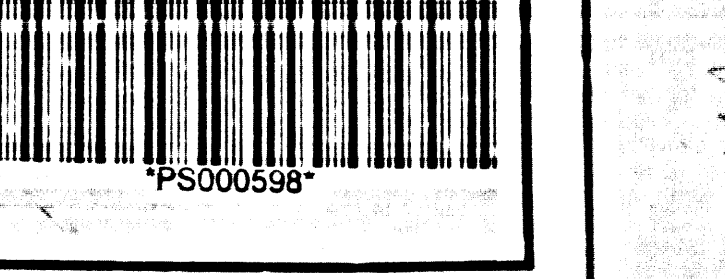
**REVISION NO. 1**

5	Revised Index Map on page 1. Revised Sewer Sta. from Sta. 28 to 1+48.27. Sewer Curve Data, Storm Drain Pipe Slope from 0.40% to 0.48%. Finished surface over sewer, Top of M.H. EL. of Storm Drain Profile on page 8A.
6	Revised Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. on page 8B.
7	Revised Sewer Sta. from 2+67.30 to 2+67.40. Sewer Pipe Slope from 0.46% to 0.40%. Finished surface over sewer, Top of M.H. EL. on page 8C.
8	Revised Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. from Sta. 2+42.50 to 2+42.50. Revised Sewer Pipe Slope from 0.40% to 1.00%. Finished surface over sewer, Top of M.H. EL. from Sta. 2+42.50 to 2+42.50.
9	Revised Sewer Horizontal Alignment. Relocate Sewer Sta. from 2+47.00 to 2+48.70. Sewer Pipe Slope from 0.48% to 0.80%. Finished surface over sewer, Top of M.H. EL. on page 8D.
10	Revised Sewer Sta. from 1+33.33 to 1+33.33. Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. on page 8A.
11	Revised Sewer Horizontal Alignment. Relocate Sewer Sta. from 3+33.28. Revised finished surface over sewer, Top of M.H. EL. Sewer Pipe Slope from 0.40% to 0.40%.
12	Revised Sewer Horizontal Alignment. Relocate Sewer Sta. from 5+04.09 to 5+04.09. Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. Sewer M.H. Sta. from 1+01.16 to 1+10.85 on page 8C.
13	Revised Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sta. 2+45.31 to 2+45.31 on page 8A.
14	Revised Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sta. 2+08.00 to 1+75.00 on page 8B.

**REVISION NO. 1**

15	Revised Sewer Pipe Slope from 0.36% to 0.44%. Top of M.H. EL. Relocate M.H. from Sewer Sta. 2+07.39 to 1+74.75 on page 8C.
16	Revised Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sewer Sta. 2+07.39 to 1+74.75 on page 8D.
17	Revised Sewer Pipe Slope from 0.40% to 1.24%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sewer Sta. 2+10.74 to 1+65.43 on page 8A.
18	Revised Sewer Pipe Slope from 0.60% to 0.44%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sewer Sta. 2+11.10 to 1+73.23 on page 8B.
19	Revised Sewer Pipe Slope from 4.00% to 0.80%. Top of M.H. EL. Relocate M.H. from Sewer Sta. 1+07.88 to 1+07.81 on page 8C.
20	Revised Sewer Pipe Slope from 0.48% to 0.55%. Finished surface over sewer, Top of M.H. EL. Sewer EC Sta. from 0+34.88 to 0+35.92. Relocate M.H. from Sewer Sta. 1+17.35 to 1+17.40 on page 8D.
21	Revised finished surface over sewer, Top of M.H. EL. Sewer M.H. Sta. from 0+46.26 to 0+46.27. Relocate M.H. from Sewer Sta. 1+02.87 to 0+73.68 on page 8A.
22	Revised Sewer Pipe Slope from 0.76% to 0.40%. Finished surface over sewer, Top of M.H. EL. Sewer M.H. Sta. from 1+37.87 to 1+34.65. Relocate M.H. from Sewer Sta. 1+01.08 to 1+44.16. Sewer EC Sta. from 1+01.08 to 1+76.52 on page 7D.
23	Revised Sewer Pipe Slope from 0.55% to 0.48%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sewer Sta. 1+22.14 to 0+50.81 on page 8C.
24	Revised Sewer Pipe Slope from 0.80% to 1.40%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sewer Sta. 1+18.68 to 0+55.72 on page 7D.
25	Revised Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sewer Sta. 1+53.43 to 2+76.00 on page 8A.
26	Revised Sewer Pipe Slope from 0.40% to 0.40%. Finished surface over sewer, Top of M.H. EL. Relocate M.H. from Sewer Sta. 1+53.43 to 2+76.00 on page 8A.

REVIEWED BY *[Signature]* PC1422 PAGE 10  
DATE: 6/10/98



SSAII 09

TRACT 09