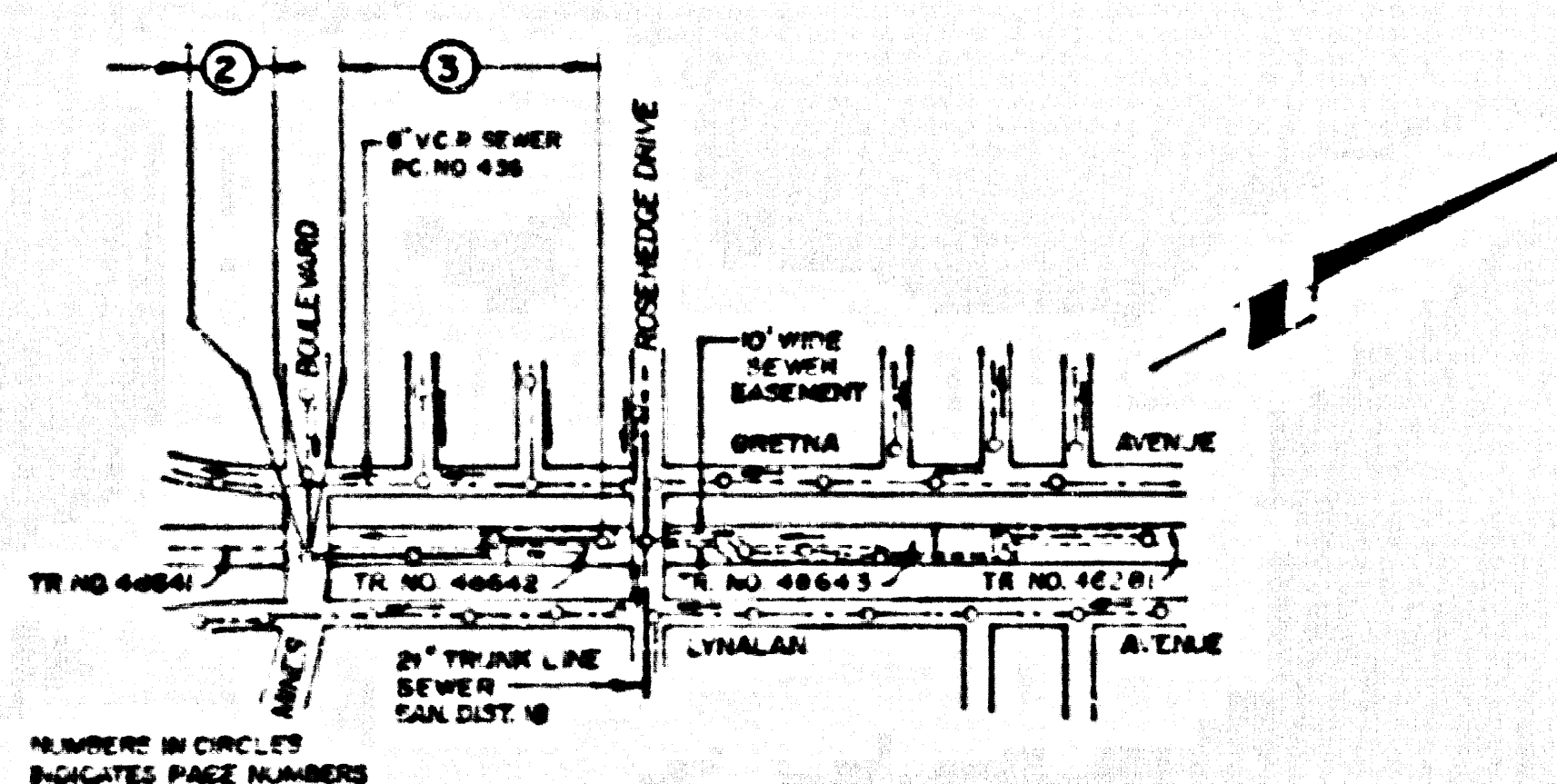


8 M. CY E277 ELEV. 162.900
 RD BM TAC LY CBI WLY R TRAT S WLY
 COR. MINE BLVD. & GREYNA AVE., 38'
 S'LY & 51' LY C/INT.
 S. JANTA FE QUAD. 19.75.



TR. NO. 48642
INDEX MAP
 P.C. NO. 11189
 SCALE: 1" = 800'
 THOMAS GUIDE: Pg. 55 - C, 5 & 6
 INDEX 2077

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTE WATER 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 (818) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

GENERAL NOTES:

- IF A SEWER CONNECTION FROM AN EXISTING AND A NEW AND FOR CONSTRUCTION JURISDICTION AND RECORDS PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE MAIN LOCALITY TO THE SOUTH OF THE MAIN LOCALITY AT THE POINT OF CONNECTION AT LEAST... (text continues)
- 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.
- IF WORK IS TO BE DONE IN A STREET AND A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 730 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- WORK DONE 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 FOR ARRANGING FOR AN INSPECTION OF THE CONSTRUCTION WORK AND SHALL NOTIFY THE COUNTY FROM DIVISION BY TELEPHONE (818) 962-8605 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 SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, DATED JULY 31, 1988, AND SHALL BE SUBJECT TO THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 11.04 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, WHICH RELATES TO SAFETY SIGNALS AND SHALL CONFORM TO THE MINIMUM PUBLIC SAFETY REQUIREMENTS AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD SET.
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL, DATE 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 SEWER.
- GRADES TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION SHALL BE SHOWN ON THE PLAN AND INDICATED BY GRADE POINTS FOR TOP OF CURB, CENTERLINE OF TRENCHES, OR CENTERLINE OF SEWERS, AND SHOWN BY CIRCLES OR SQUARES AT ALL POINTS TO BE TRENCH OR GRADE POINTS. THE GRADES SHALL BE ESTABLISHED AS TO CONFORM TO A SMOOTH, THE GRADIENT BY THE DESIGNER'S AND DESIGNATED POINTS.
- THE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL WORK TO BE DONE UNDER THIS CONTRACT AND SHALL PROVIDE STAKES FOR THE SEWER AT THE PROPERTY LOCATIONS BY STATIONING PLANS. STAKES SHALL BE PLACED AT 100' INTERVALS AND SHALL BE CONSIDERED AS A STANDARD ELEMENT AT ALL POINTS FROM THE MAIN LINE SEWER TO THE PROPERTY LOCATIONS. STAKES SHALL BE PLACED AT 100' INTERVALS FROM THE MAIN LINE SEWER TO THE PROPERTY LOCATIONS. STAKES SHALL BE PLACED AT 100' INTERVALS FROM THE MAIN LINE SEWER TO THE PROPERTY LOCATIONS. STAKES SHALL BE PLACED AT 100' INTERVALS FROM THE MAIN LINE SEWER TO THE PROPERTY LOCATIONS.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINES BELOW THE 8" CURB ELEVATION FOR EACH HOUSE LATERAL, ON THE UNDER LINES.

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 MANHOLE.
- WITHESS CLAY PIPE JOINTS SHALL BE THE "B" OR "C" PER STANDARD SPECIFICATIONS SECTION 200-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER THE SEWER SHALL BE ENCASED PER STANDARD PLAN 3-A CASE 4, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- ALL JOINTS BETWEEN CAST-IRON PIPE AND WITHESS CLAY PIPE SHALL BE MADE WITH A RUBBER GASKET JOINT TYPE "B" WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-2.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT THE PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- PIPE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE 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 MANHOLE OR HOUSE LATERAL, T.C.P. SEWER BRANCH SHALL BE INSTALLED ON THE MAIN LINE PIPE SHALL BE ENCASED PER STANDARD PLAN 3-A CASE 4, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL STRUCTURES SHALL BE BUILT WITH REINFORCED PRECAST CONCRETE MANHOLES PER STANDARD PLAN 3-A OR REINFORCED PRECAST CONCRETE MANHOLES PER STANDARD PLAN 3-A EXCEPT AS NOTED.
- RESURFACE ALL TRENCHES IN THE PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
- FULL COMPLIANCE WITH SECTION 11.04 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BARRIERS IN STREET'S CERTIFICATION OF BARRIERS COMPLIANCE AND SHALL BE EQUAL TO THAT OF A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE SIGNING OF A CERTIFICATE OF BARRIERS COMPLIANCE.
- ALL BARRIERS AND FILLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% MAXIMUM DENSITY AS DETERMINED BY A TEST CONDUCTED IN THE FIELD TO 15" BEHIND THE CURB 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 THE SIGNING OF A CERTIFICATE OF BARRIERS COMPLIANCE.
- MANHOLE TOPS IN UNPAVED AREAS OF ROAD TO BE SIX INCHES ABOVE FINISHED GRADE.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN
 TRACT NO. 48642

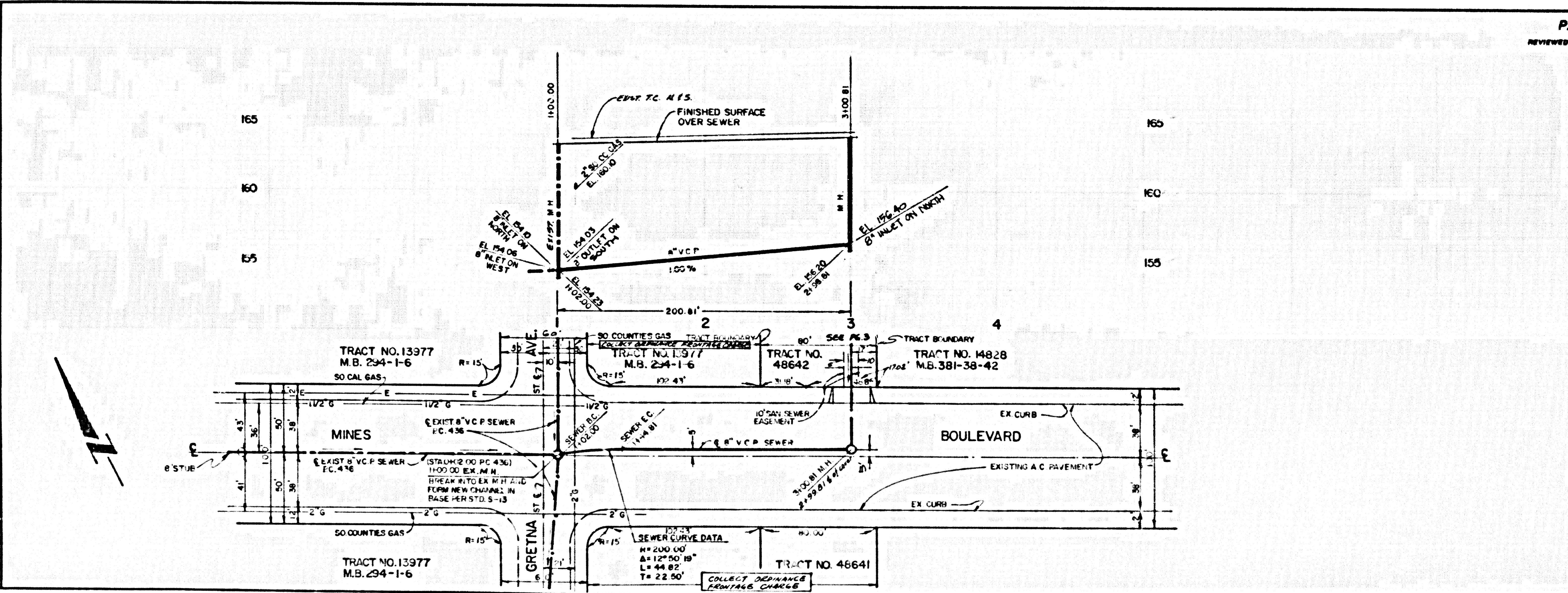
PRIVATE CONTRACT NO. 11189
 INDEX 2077
 2 SHEETS, 3 PAGES

SCALE: HORIZ. 1" = 80' VERT. 1" = 4'
 AUGUST 1991
 PREPARED IN THE OFFICES OF
CETECH ENGINEERING
 2300 S. CALIF. ST., SUITE 106
 TORRANCE, CALIF. 90503
 TEL. NO. (310) 533-4870
 BY: *Thomas A. Tidd*
 CHECKED: *Thomas A. Tidd*
 REC'D: *Thomas A. Tidd*
 EAP DATE 3-31-88

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	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
SEWER BY NEW MANHOLE	5-3
REINFORCED PRECAST CONCRETE MANHOLES	5-4
STANDARD MANHOLE STEP	5-11
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CHAINS AND ENCASUREMENT	5-20
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LOCKING MANHOLE FRAME AND COVER	5-23
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NEW SEWER PIPE EXISTING SINCE BE PRECAST CONCRETE MANHOLE	5-25
RECYCLED MANHOLE	5-26
RECYCLED MANHOLE	5-27
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RECYCLED MANHOLE	5-30
RECYCLED MANHOLE	5-31
RECYCLED MANHOLE	5-32

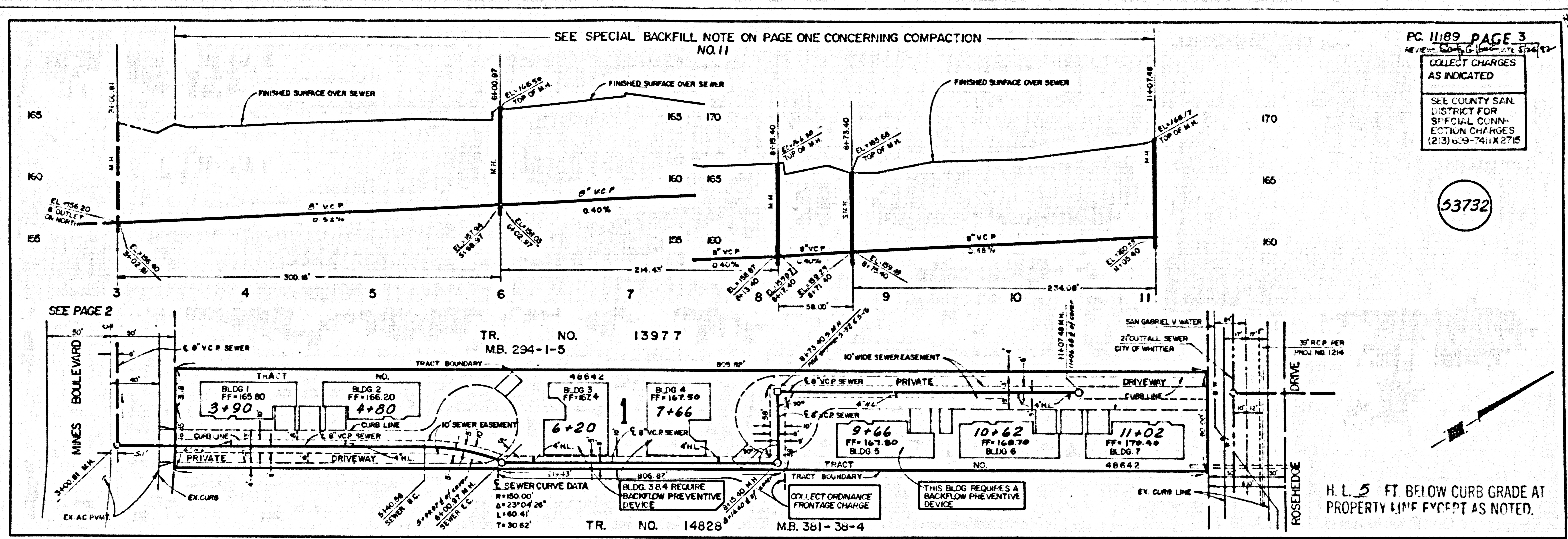
COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDDMANSON
 DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY
 CHIEF ENGINEER
 100 SAN DIST. RD.
 APPROVED: *Thomas A. Tidd*
 CHECKED: *Thomas A. Tidd*
 REC'D: *Thomas A. Tidd*
 NO. CE NO. 10173
 SANTA FE SPRINGS, BLDG. DIST. 405



P.C. 11189 PAGE 2
 REVIEWED BY: *Shirley G. Kelleher* DATE: 8-26-91
COLLECT CHARGES AS INDICATED
SEE COUNTY SAN DISTRICT FOR SPECIAL CONNECTION CHARGES
 (S.D. 627-741) X 275

53731

SP388 CM 10A-1



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