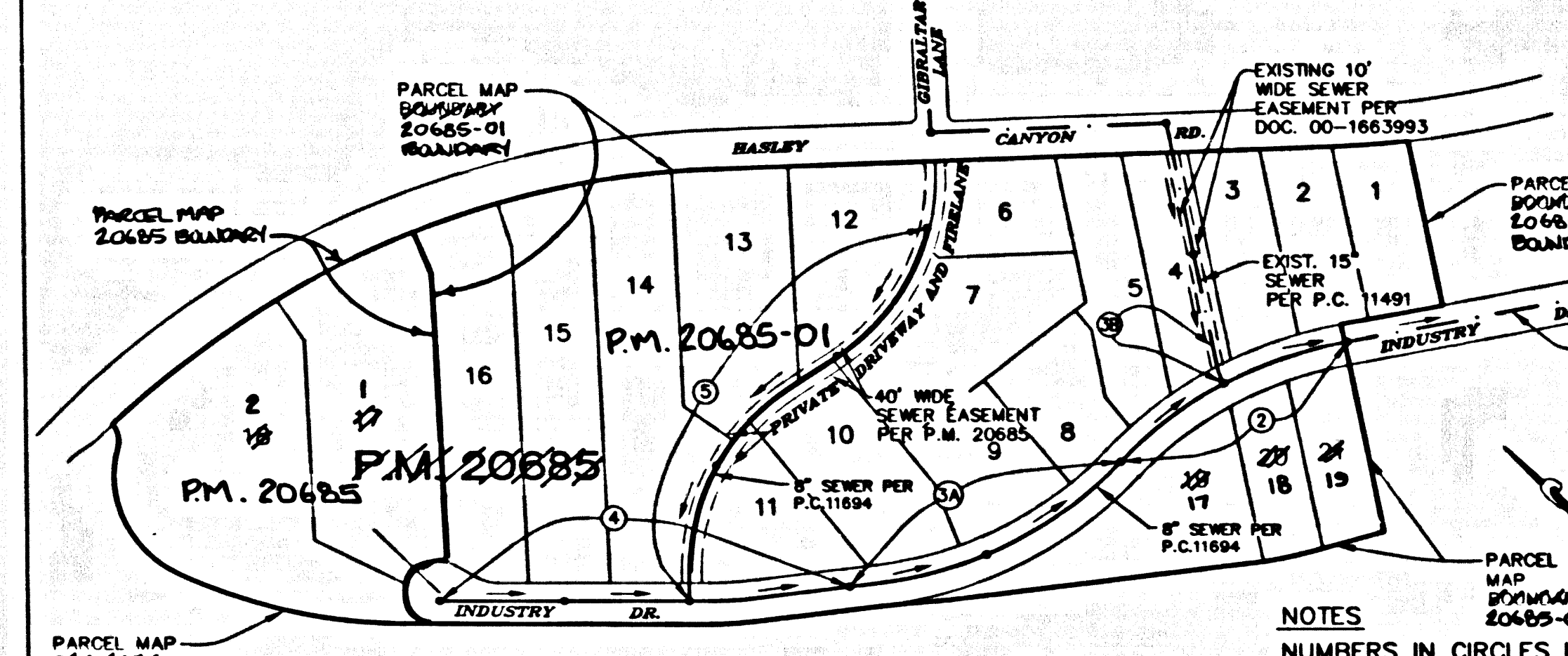


**BENCH MARK**  
 BM L.A. COUNTY B.M. 5274 Elev. 1209.055  
 PPW BM TAG IN TOP OF FLAT ROCK TOP OF  
 CONC. BANK 63 FT. S/O C.L. HASLEY CANYON  
 ROAD AND 23 FT. E/O C.L. DEL VALLE RD.  
 (17FT. N/O FIRE HYD.)  
 NEWMALL QUAD 1905

THIS SEWER PRIVATE CONTRACT  
 ACCEPTED FOR PUBLIC USE  
 03/01/2005  
 COUNTY OF LOS ANGELES  
 DEPARTMENT OF PUBLIC WORKS &  
 LAND DEVELOPMENT DIVISION



**INDEX MAP-1177**

P.M. No. 20685-01, 20685  
 P.C. 11694  
 T.G. 4459-F/6  
 SCALE: 1"=600'

**BUILDING AND SAFETY  
 SANTA CLARITA OFFICE**

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	REVISION SHEET AND PAGE 8 TO SHOW BOUNDARY OF PM 20685-01 AND PM 20685. CORRECTED LOT REQUIREMENTS ON PAGE 1.	<i>[Signature]</i>	<i>[Signature]</i>	10/10/04

**STORMWATER VENTILATION 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 force of wind or water.
- Fuels, oils, solvents, and other liquid materials must be stored in accordance with their labeling 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 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 wastes on site until they can be disposed of as solid waste.
- Traffic 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 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. 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
- CA022 - Concrete Waste Management
- CA030 - Vehicle and Equipment Cleaning
- CA031 - Vehicle and Equipment Fueling
- CA032 - Vehicle and Equipment Maintenance
- ES001 - Scheduling
- ES002 - Preservation of Existing Vegetation
- ES010 - Seeding and Planting
- ES011 - Mulching
- ES020 - Geotextiles and Mats
- ES030 - Dust Controls
- ES031 - Temporary Stream Crossing
- ES032 - Construction Road Stabilization
- ES033 - Stabilized Construction Entrance
- ES034 - Storm Drain Inlet Protection

- STANDARD PLANS**
- THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE FOLLOWING DEPARTMENT SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.
- LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
- APWA 210-2 BREAKING INTO EXISTING MANHOLES
  - APWA 208-1 BREAKING INTO EXISTING MANHOLES
  - APWA 220-2 CHIMNEY
  - APWA 222-1 HOUSE CONNECTION SEWER
  - APWA 223-1 HOUSE CONNECTION REWORKING
  - 2000-0 LEGEND FOR SANITARY SEWER PLANS AND PRELIMS AND DISTRICT MAPS
  - 2024-1 BEDDING FOR SEWER PIPE
  - 2024-1 WYE OR TEE SUPPORT
  - 2003-1 ALLOWABLE TRENCH METHODS
  - 2003-2 REINFORCED PRECAST CONCRETE MANHOLE
  - 2005-1 STANDARD MANHOLE STEP
  - 6008-1 MINIMUM PUBLIC SAFETY REQUIREMENT FOR OPEN EXCAVATIONS.

NOTE: EASEMENT TO THE COUNTY OF LOS ANGELES FOR SANITARY SEWER, INGRESS AND EGRESS TO BE GRANTED OVER ALL PRIVATE STREETS PER FINAL MAP.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNLESS 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, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (661) 266-4683 SO THAT REQUIRED INSPECTION CAN BE MADE.

ISSUE "NO-HOUSE LATERAL CONNECTION PERMITS" UNTIL OUTLET SEWER PO 10942 IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES

PRIOR TO ACCEPTANCE FOR PUBLIC USE AND MAINTENANCE ALL SANITARY SEWER EASEMENTS SHALL BE RECORDED AND DEDICATED TO L.A. COUNTY.

MAINTAIN SEWER FLOW AT ALL TIME DURING CONSTRUCTION.

DOUBLE SCALE

RECORD PLANS

**PRIVATE CONTRACT SEWER 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 Permit Counter, 900 South Fremont Avenue, 8th Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as Road Excavation, Citrus, etc., must be filed with the permit application.
- 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 Worker's 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 done in or State Highway, a permit must be obtained from the State of California Division of Highways, 120 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 arrange for an acceptable construction start date.
- 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 the project. This note applies to all pages.
- All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction, including supplements and the latest Special Provisions for the Construction of Sanitary Sewers and shall be prosecuted only in the presence of the Department of Public Works.
- The contractor's attention is directed to Section 7-10.4.1 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 S-2.
- Erections are in feet above U.S.C. & G.S. sea level datum of 1929.
- No rework 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, centerlines of streets, or centerlines 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 drawn between said designated points.
- The private engineer shall furnish the Department of Public Works with grade sheets and stationing for all house laterals and "T" or "Y" 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 except as shown on the plans. House laterals from driveways shall not have an angle of less than 45 degrees with the M.L. sewer. Any change in alignment shall be requested in writing by the private engineer.
- The private engineer shall furnish the house lateral depth. The depth in alignment shall be requested in writing by the private engineer.

**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.
- Verified day pipe joints shall be type "D" or "Q" per standard specifications section 208-2.
- If a pipe is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case II, two feet on each side from the point of interference.
- All joints between cast iron pipe and vitrified clay shall be rubber sleeve joint, type "D" (with bushing if necessary) per standard specifications section 208-2.
- House laterals to be constructed with inverts of the property line 8 feet below curb grade except as noted.
- Wye or tee branches may be used for connections to the 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 manhole or house lateral V.C.P. sewer which is not indicated on the plans, 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-3 or precast concrete sewer manholes per standard plan S-3M, or reinforced precast concrete manholes per standard plan S-4, except as noted.
- Reinforce all trenches with paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with sections 308-1.3.4 of the standard specifications will be required for backfill in street certification of local fill composition and soil equivalents if a qualified civil engineer shall be provided by the permittee prior to the issuance of a certificate of partial acceptance.
- All backfill and fill outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM soil 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 the acceptance of the work by the county.
- Manhole tops in unimproved rights of way to be six inches above finished grade.
- Sewers to be tested for leakage per section 308-1.1A of the standard specifications and special provisions.

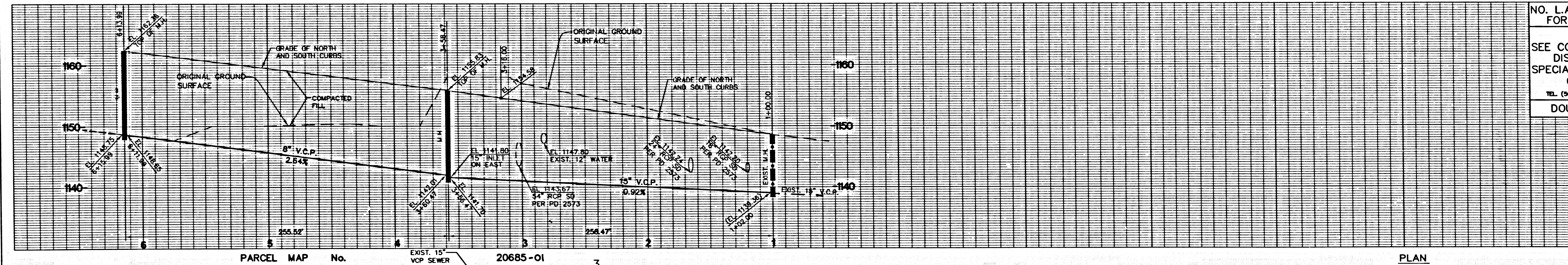
TO BE CONSTRUCTED IN  
 PARCEL MAP No. 20685-01, 20685 PC NO. 11694

3 SHEETS: 5 PAGES  
 COUNTY OF LOS ANGELES CALIFORNIA  
 INDEX-1177

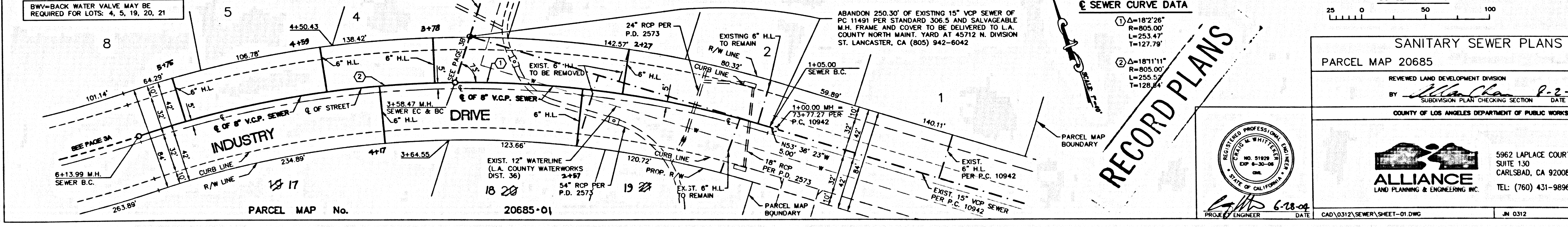
JAMES A. NOYES DIRECTOR OF PUBLIC WORKS  
 APPROVED BY LAND DEVELOPMENT DIVISION  
 BY *Thomas W. Howard* 8/2/04  
 SUBMITTED BY *[Signature]* 8/2/04

APPROVED: COUNTY SANITATION DISTRICT  
 OF LOS ANGELES COUNTY, CALIFORNIA  
 JAMES F. STAHL - CHIEF ENGINEER and GENERAL MANAGER  
 COUNTY SANITATION DISTRICT NO. 32  
 BY *[Signature]* DATE 8/10/04

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 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CLUMMING OF GENERAL TELEPHONE COMPANY AT 1-800-548-4875 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.  
 DATE 6-28-04  
 P.C. NO 51929



NO. L.A. CO. CHARGES FOR CONNECTION  
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES  
 TEL. (661) 899-7411 EX. 2727  
 DOUBLE SCALE

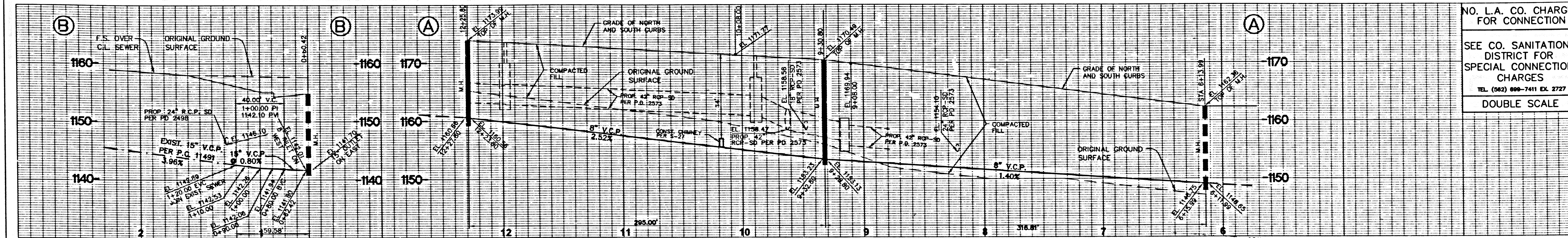


PLAN SCALE: 1" = 40'

**SANITARY SEWER PLANS IN**  
 PARCEL MAP 20685 PC NO. 11694  
 REVERED LAND DEVELOPMENT DIVISION  
 BY *[Signature]* 8-2-04  
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

5962 LAPLACE COURT  
 SUITE 130  
 CARLSBAD, CA 92008  
 TEL: (760) 431-9896  
**ALLIANCE**  
 LAND PLANNING & ENGINEERING INC.  
 PROJECT ENGINEER DATE 6-28-04  
 CAD/0312/SEWER/SHEET-01.DWG JN 0312

03/01/2005  
 COUNTY OF LOS ANGELES  
 DEPARTMENT OF PUBLIC WORKS &  
 LAND DEVELOPMENT DIVISION



NO. L.A. CO. CHARGES FOR CONNECTION

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

TEL. (952) 899-7411 EX. 2727

DOUBLE SCALE

SANITARY SEWER EASEMENT DATA	
NO.	BEARING / LENGTH
11	$\Delta 0^{\circ}00'42''$ 42'-00"
12	$N 36^{\circ}23'37''$ E 37'-32"
13	$N 53^{\circ}36'23''$ W 40'-00"
14	$N 10^{\circ}23'37''$ E 34'-32"

PARCEL MAP No. 20685-01

EXISTING 15" V.C.P. SEWER OF P.C. 11491 TO BE ABANDONED SEE PAGE 2

REMOVE 20.0' OF EXIST. 15" V.C.P. PER P.C. 11491 AND JOHN EXISTING SEWER

### RECORD PLANS

SEWER CURVE DATA

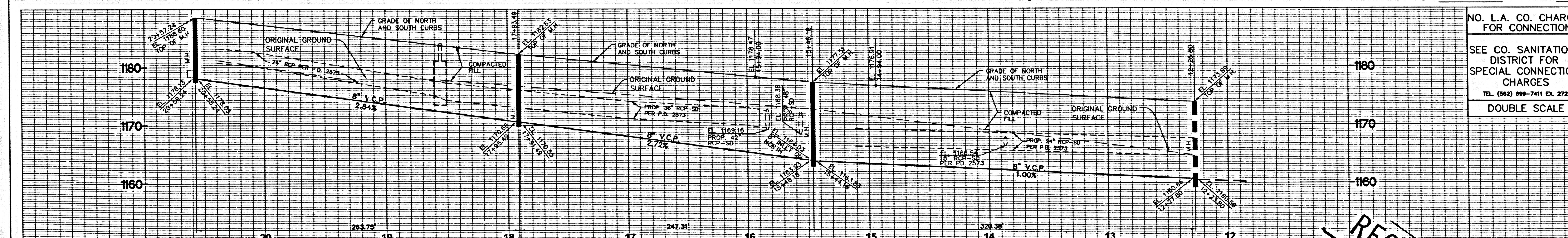
①	$\Delta=22^{\circ}49'56''$ R=795.00' L=316.81' T=160.54'
②	$\Delta=17^{\circ}01'20''$ R=795.00' L=236.19' T=118.97'

PLAN SCALE: 1" = 40'

REVIEWED BY LAND DEVELOPMENT DIVISION

BY *Alan Chan* 8-2-04 DATE

SUBDIVISION PLAN CHECKING SECTION

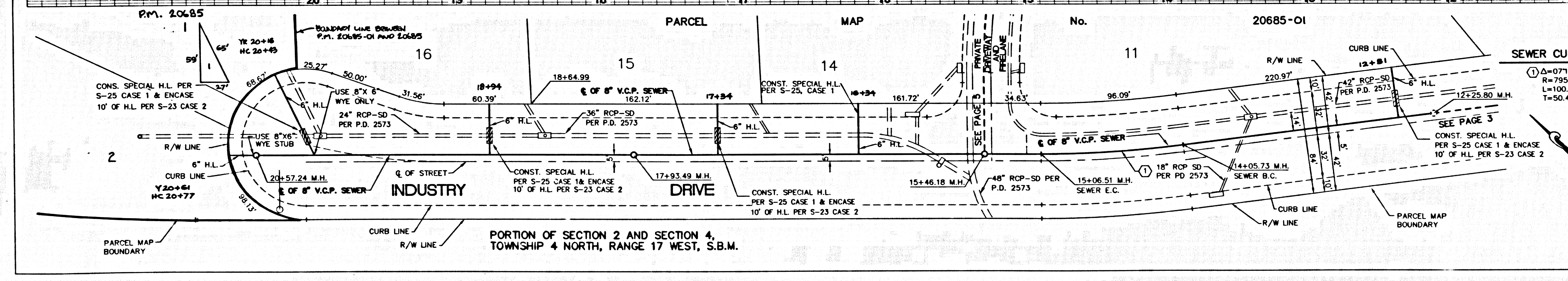


NO. L.A. CO. CHARGES FOR CONNECTION

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

TEL. (952) 899-7411 EX. 2727

DOUBLE SCALE



SEWER CURVE DATA

①	$\Delta=07^{\circ}15'47''$ R=795.00' L=100.78' T=50.46'
---	--

PLAN SCALE: 1" = 40'

REVIEWED BY LAND DEVELOPMENT DIVISION

BY *Alan Chan* 8-2-04 DATE

SUBDIVISION PLAN CHECKING SECTION

REGISTERED PROFESSIONAL ENGINEER  
 NO. 51929  
 EXP. 8-30-06  
 STATE OF CALIFORNIA  
 ALAN CHAN

REGISTERED PROFESSIONAL ENGINEER  
 NO. 51929  
 EXP. 8-30-06  
 STATE OF CALIFORNIA  
 ALAN CHAN

