

CASH CONTRACT 11262
(REFERENCE P.C. 9353)
PROFILE, ALIGNMENT AND GRADE OF

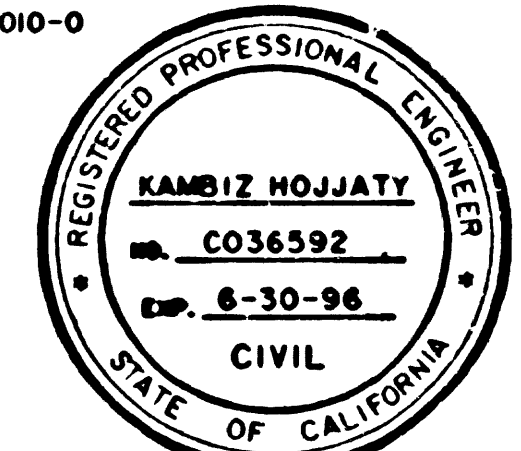
SANITARY SEWERS
TO BE CONSTRUCTED IN
SANTA CLARA RIVER BETWEEN
SAND CANYON ROAD AND LOST CANYON ROAD
AND OTHER RIGHTS OF WAY
1 SHEET : 2 PAGES

SCALE VERT. 1"=8'
HOR. 1"=40'

AUGUST, 1993

53728

COUNTY OF LOS ANGELES, CALIFORNIA
THOMAS A. TIDEMAN, DIRECTOR OF PUBLIC WORKS



APPROVED: [Signature] 9/13/93
RECOMMENDED BY: [Signature] 9/13/93
DESIGNED BY: [Signature] 9-2-93
CIVIL
REG. NO. C036592

GENERAL NOTES:
REFER TO SECTION 7-10.4.1 OF STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
"T" OR "Y" BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWER, EXCEPT AS NOTED. ONLY "Y" BRANCHES SHALL BE USED FOR PLASTIC PIPE.
VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "O" PER SECTION 208-2 OF STANDARD SPECIFICATIONS.
ALL JOINTS BETWEEN DUCTILE IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" (WITH BUSHING IF NECESSARY) PER SECTION 208-2 OF STANDARD SPECIFICATIONS.
SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

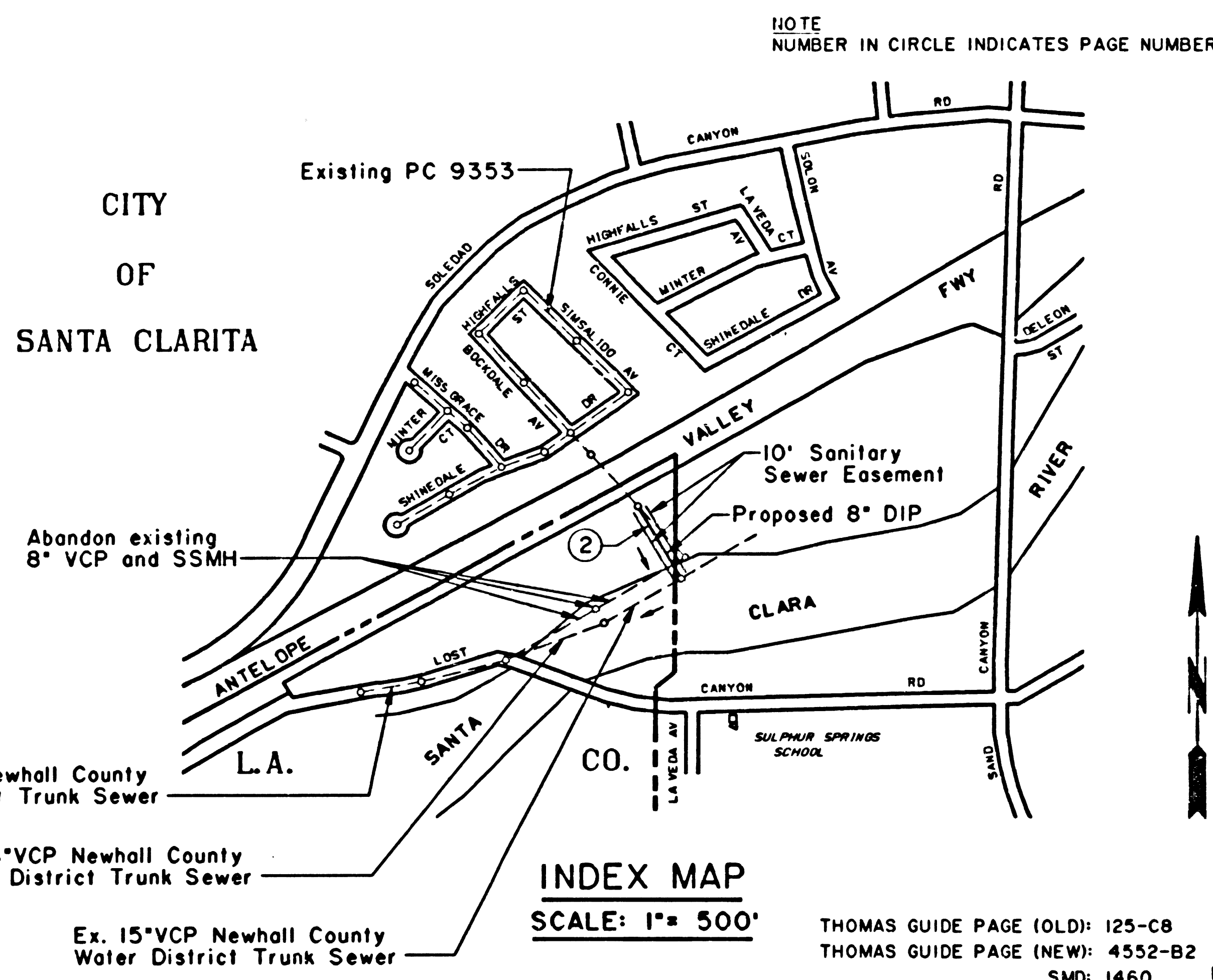
PRIME CONTRACTOR LICENSE REQUIRED: A OR C-42

STANDARD PLANS:
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF LACDPW SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:
LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS 2300-0
MINIMUM PUBLIC SAFETY REQUIREMENTS FOR OPEN TRENCHES 6008-0
BEDDING FOR SEWER PIPE 2021-0
CRADLING AND ENCASUREMENT 2023-0
ALLOWABLE TRENCH WIDTHS 2027-0
BREAKING INTO EX. BRICK OR PRECAST CONC. MANHOLE 2010-0

THE CONTRACTOR SHALL OBTAIN THE FOLLOWING PERMITS PRIOR TO CONSTRUCTION:
1. STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY, PERMIT TO EXCAVATE
2. CONTRACTOR SHALL CONTACT NEWHALL COUNTY WATER DISTRICT PRIOR TO CONSTRUCTION AT TEL. NO. (805) 298-3400

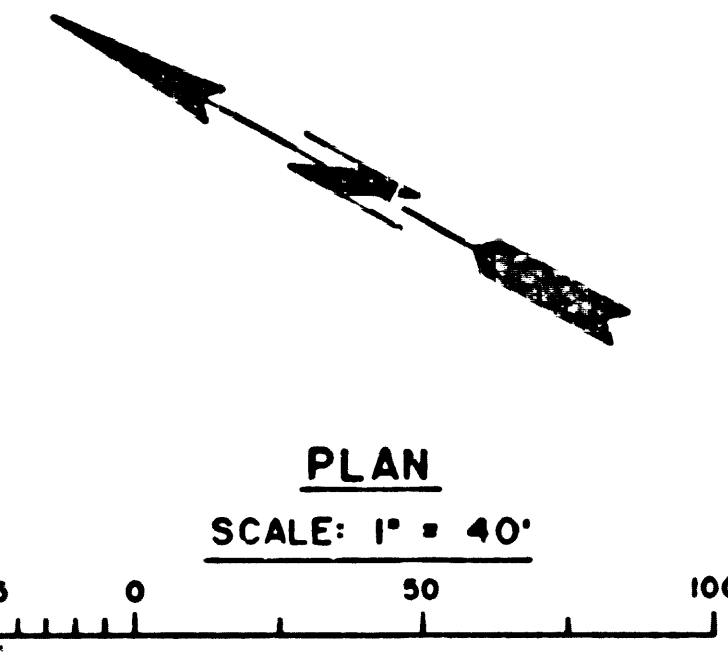
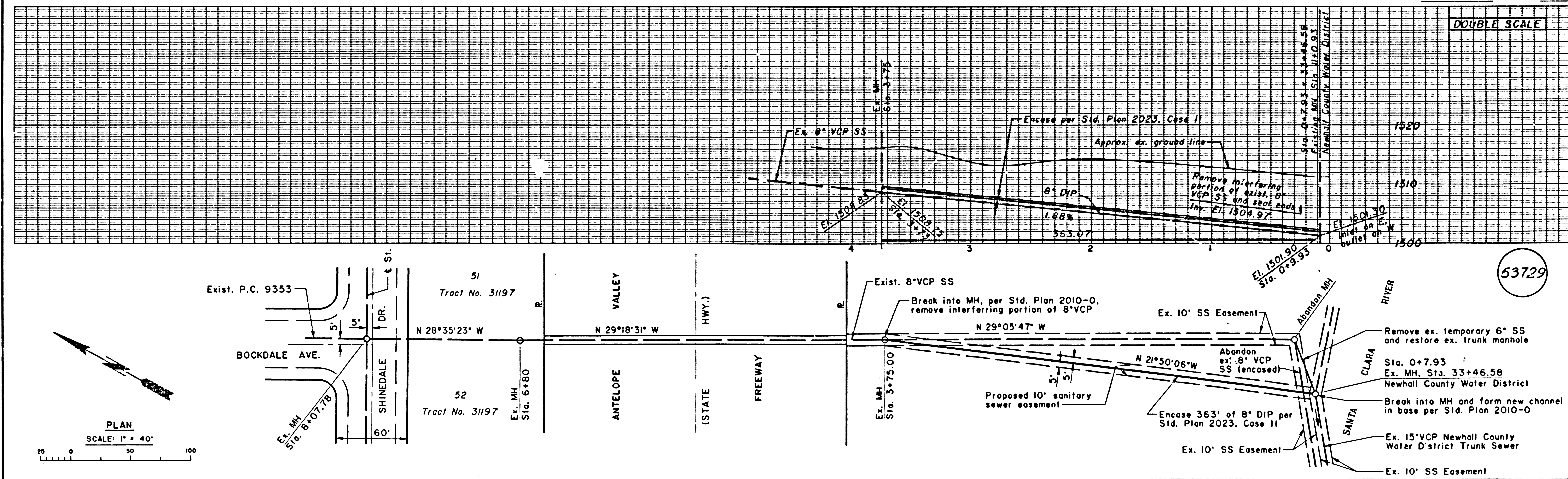
NOTES:
THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (916) 458-3141 AT LEAST 5 DAYS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREET OR CENTER LINE OF ALLEY 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.
ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S., SEA LEVEL DATUM OF 1929.
THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.

LAYOUT	D. ROJAS	AUG'93	CHECKED	R. STEIN	AUG'93
TRACED	D. ROJAS	AUG'93	MAINTENANCE	A. ABGHARI	SEP'93
F.B.			A.B.		W.S.



"AS BUILT DRAWING" 6/1/94

NEWHALL COUNTY WATER DISTRICT
APPROVAL: [Signature]



B.M. 2943 ELEV. 1580.940
 R.O.L.M. TRS 3FT S BCR @ SW COR
 SAND CANYON RD + SOLEDAD CANYON RD
 81 FT S + 40 FT W C.L. INT.
 NEWHALL QUAD. 1972

REVISION	APPROVED	DATE
REVISED ALIGNMENT OF MAIN LINE P&T STR. 6+55.99 TO 6+80.00	<i>[Signature]</i>	1-4-78

DOUBLE SCALE

GENERAL NOTES:

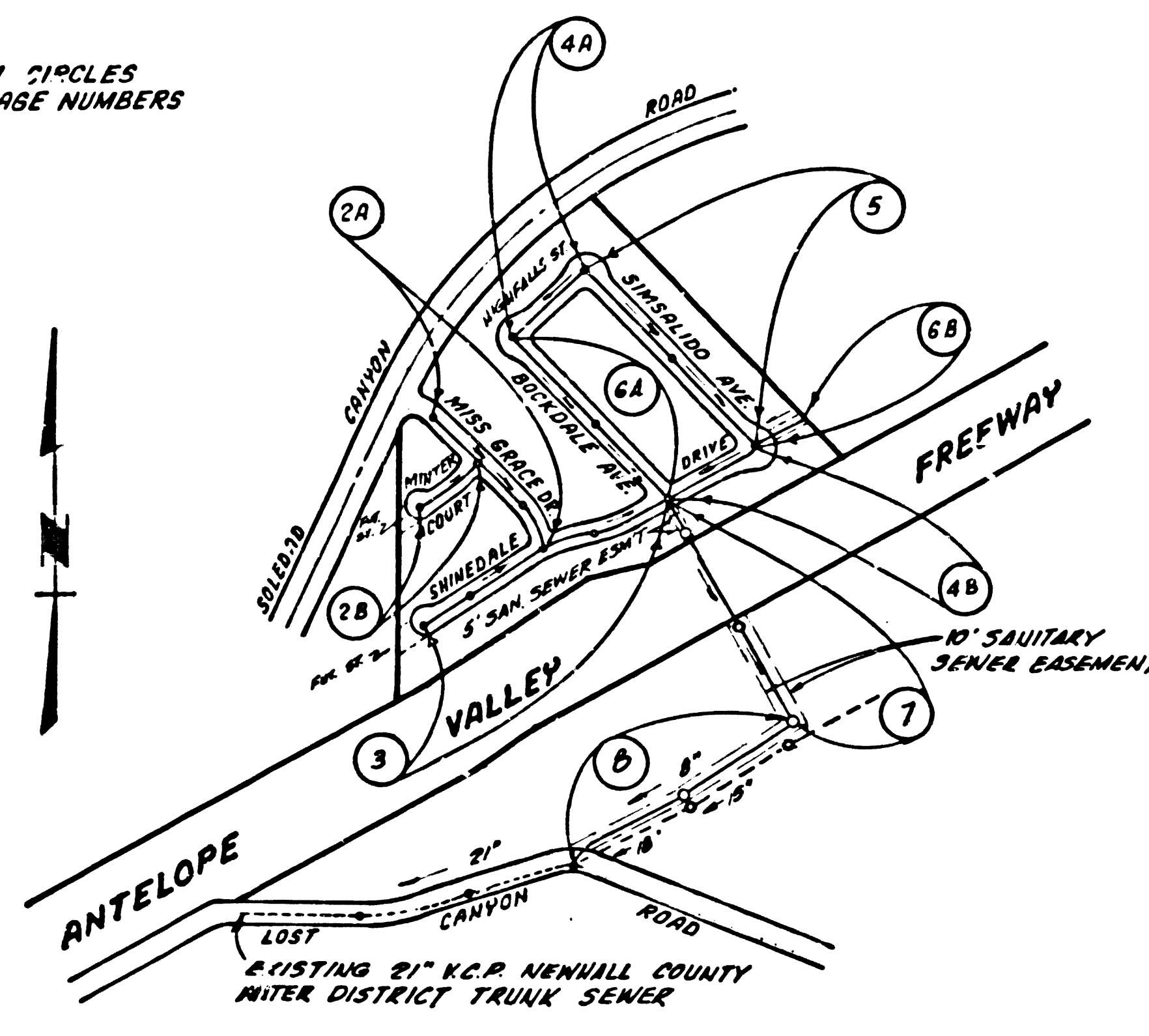
1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS P.C., TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE 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.
5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER 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 CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COUNTY ROAD DEPT., DISTRICT OFFICE NO. 4, AND PAY A FEE TO THE COUNTY ENGINEER, THE SANTA CLARITA VALLEY REGIONAL OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 10 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
10. REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
11. "PRIOR TO INSUREANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT BY THE COUNTY ENGINEER, THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY (D.I.S.), AND SUBMIT A COPY OF THE TUNNEL CLASSIFICATION FROM THE D.I.S. FOR THE TUNNEL, UNDER SPECIFIED ON THE PROJECT."

TO BE CONSTRUCTED IN
TRACT NO 31197
PRIVATE CONTRACT NO. 9353
 264-5157
 W.S. 62-0-2
 4 SHEETS, 0 PAGES

SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 JULY, 1977
 PREPARED IN THE OFFICES OF
ENGINEERING SERVICE CORPORATION
 4676 ADMIRALTY WAY, MARINA DEL REY, CALIFORNIA 90291
 BY: *[Signature]*
 REG. C. E. No. 21649

46895

NOTE: NUMBERS IN CIRCLES INDICATES PAGE NUMBERS

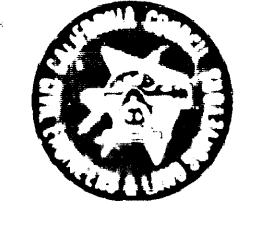


INDEX MAP
 SCALE: 1" = 500'
 P.C. 9353

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

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 THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ALL OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING.

Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this Project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold the Owner and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this Project, excepting for liability arising from the sole negligence of the Owner or the Engineer.



NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES BEING PROPOSED INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO THE ACCEPTANCE OF THE PROJECT, CONSTRUCTION DISTRICT OFFICIALS SHALL BE NOTIFIED BY PHONE (922-9974) SO THAT REQUIRED INSPECTION CAN BE MADE.

CONSTRUCTION NOTES:

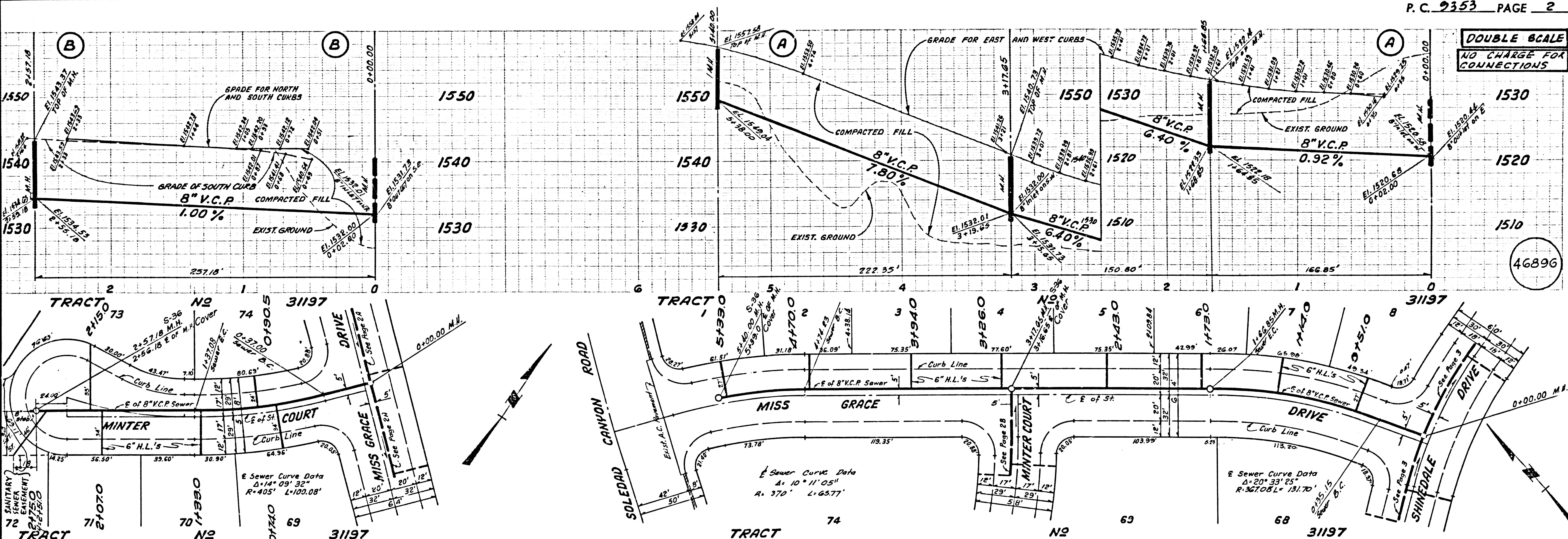
1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1976 EDITION) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED NOV. 21, 1976, AS AMENDED, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
2. THE CONTRACTOR SHALL NOTIFY THE "DESIGN" DIVISION BY TELEPHONE, 215/374-7288 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE A FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-36 OR PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "F", OR "G" PER STANDARD SPECIFICATIONS SECTION 306-3.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
10. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-2.
12. SEWERS TO BE AIR PRESSURE TESTED FOR LEAKAGE PER 306-1.5 OF THE STANDARD SPEC. AND SPECIAL PROVISIONS IN ACCORDANCE WITH PERMITS.
13. RESURFACE ALL DRIVEWAYS WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 306-1.5.5 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
15. WORK IN CONNECTION WITH JOINING TO THE NEWHALL WATER DISTRICT TRUNK SEWER SHALL COMPLY WITH ALL APPLICABLE RULES, REGULATIONS & ORDINANCES OF THAT DISTRICT. CONTRACTOR IS TO CONTACT THE NEWHALL WATER DISTRICT PRIOR TO CONSTRUCTION AT (805) 259-3610

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

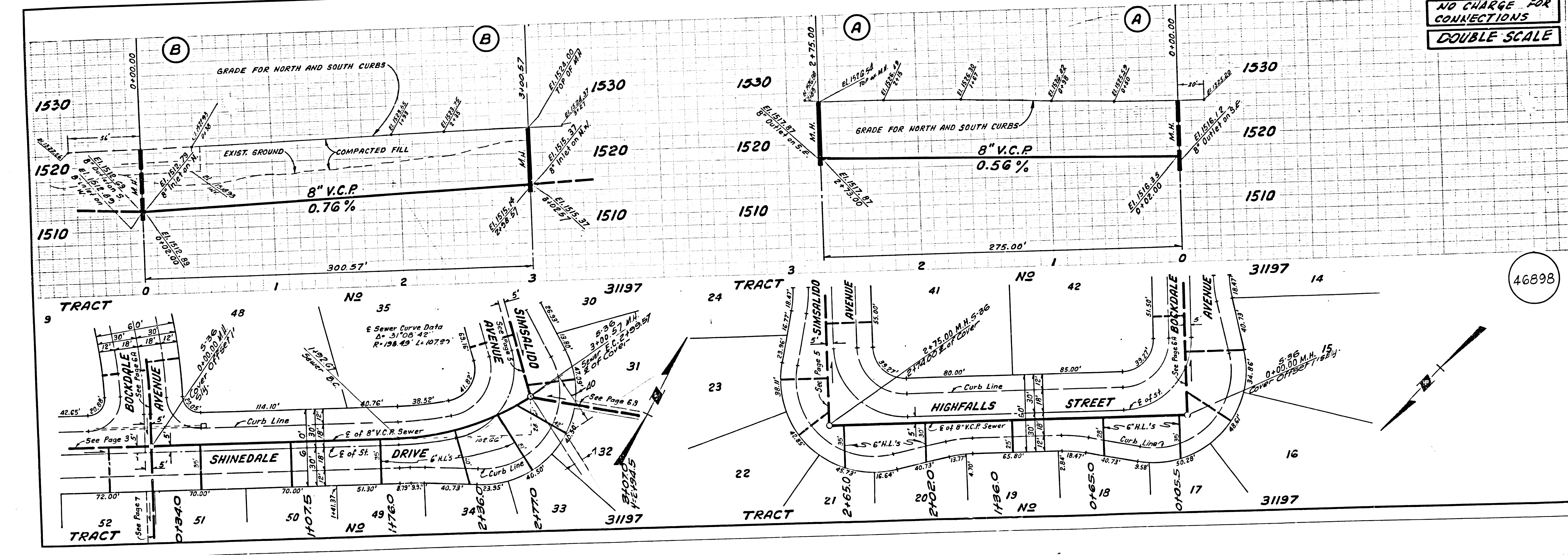
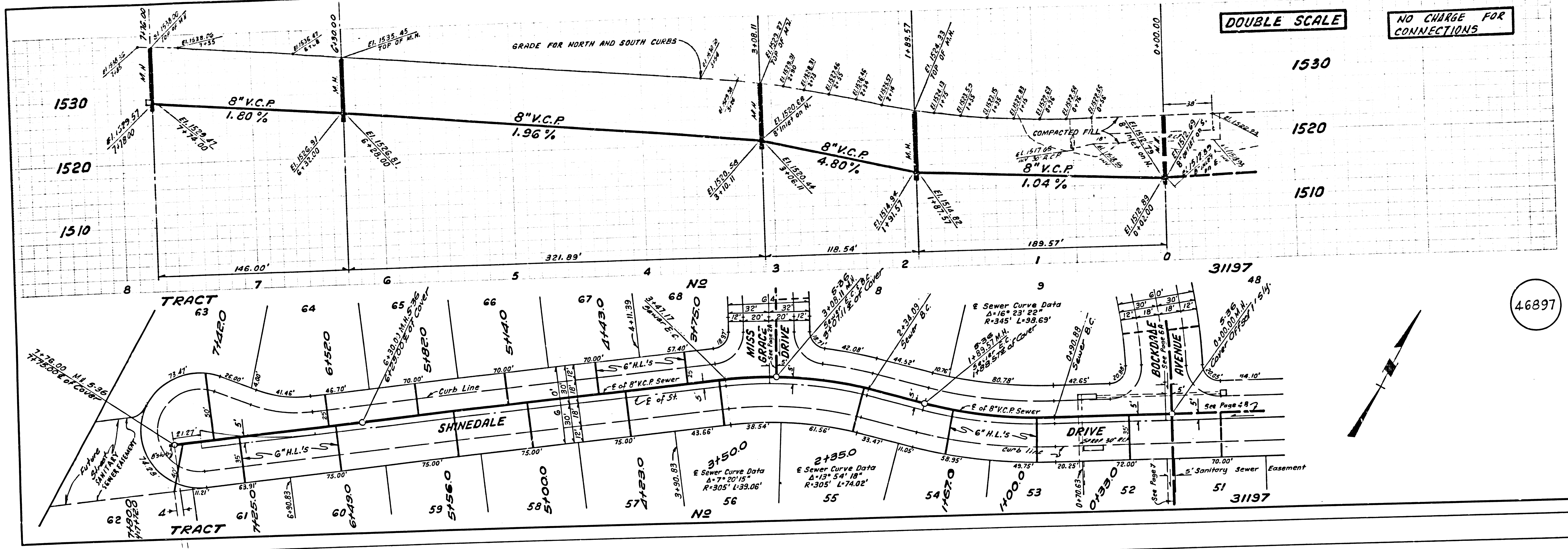
LEGEND	
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-1
BRICK MANHOLE	S-2
STANDARD MANHOLE STEP	S-3
BEDDING FOR SEWER PIPE	S-17
CRADLING AND ENCASING	S-21
WYE OR TEE SUPPORT	S-24
ALLOWABLE TRENCH WIDTHS	S-25
LOCKING MANHOLE FRAME AND COVER	S-25
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-26
JACKING PIPE	S-37

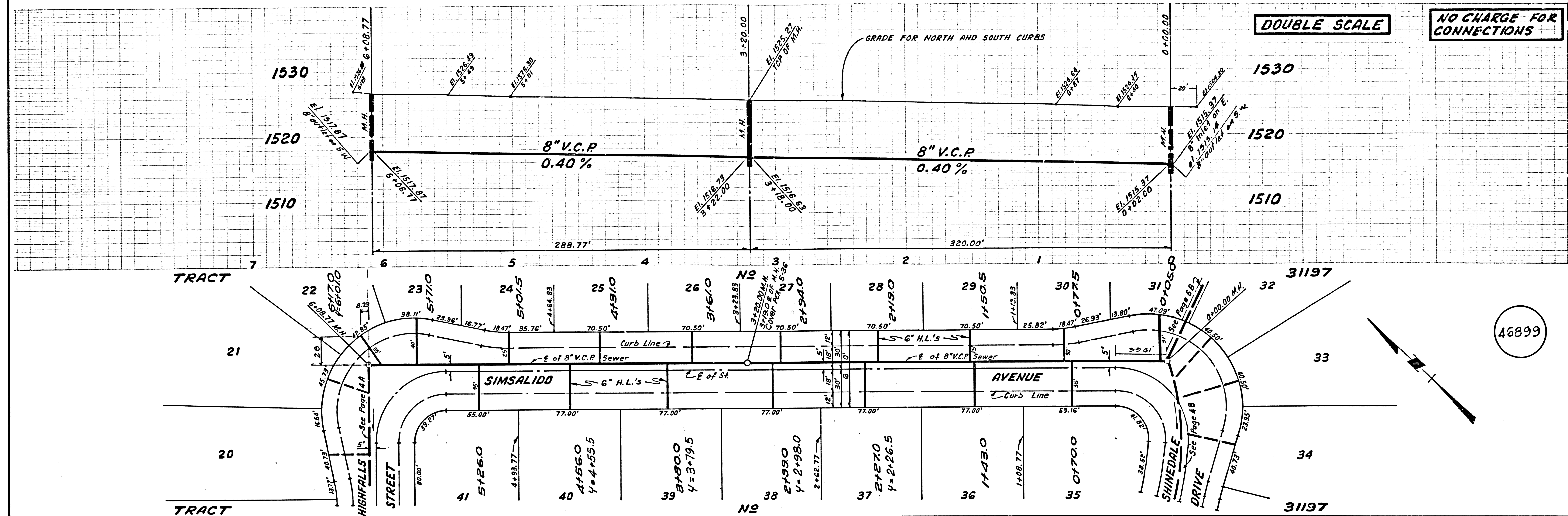
COUNTY OF LOS ANGELES, CALIFORNIA
 S. J. KOONCE, ACTING COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER
 CO. SAN DIST. NO. 80
 APPROVED *[Signature]* 8/10/77 APPROVED *[Signature]* 8/16/77
 REGIONAL ENGINEER CHIEF ENGINEER
 CHECKED *[Signature]* 8/10/77 NEWHALL COUNTY WATER DISTRICT
 REG. C. E. NO. 16742 APPROVED *[Signature]* 8-7-77
 (DATE) (DATE)
 SANTA CLARITA VALLEY BLDG. DIST. 8-2 I.N. 0250.82

DOUBLE SCALE
 NO CHARGE FOR CONNECTIONS

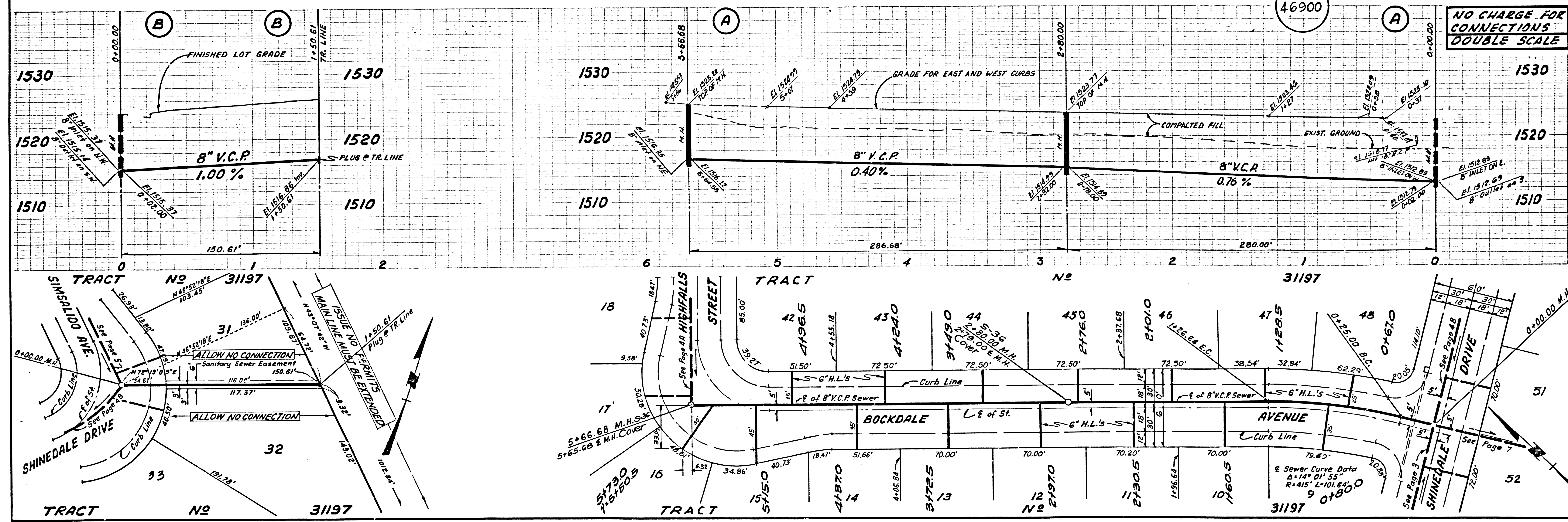


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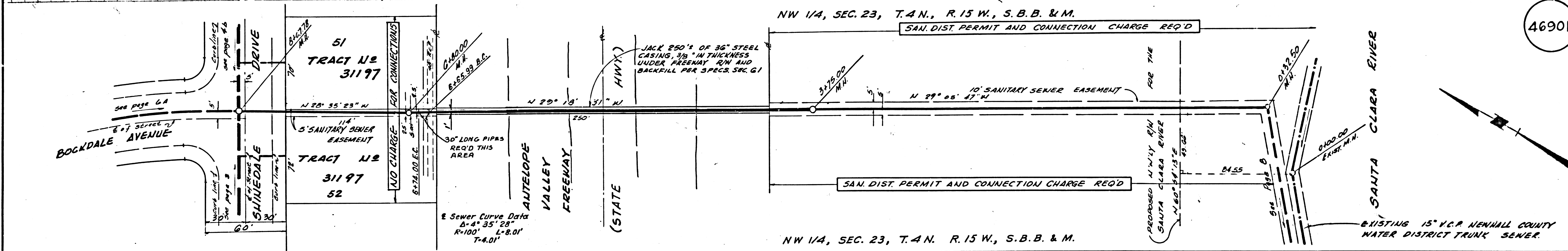
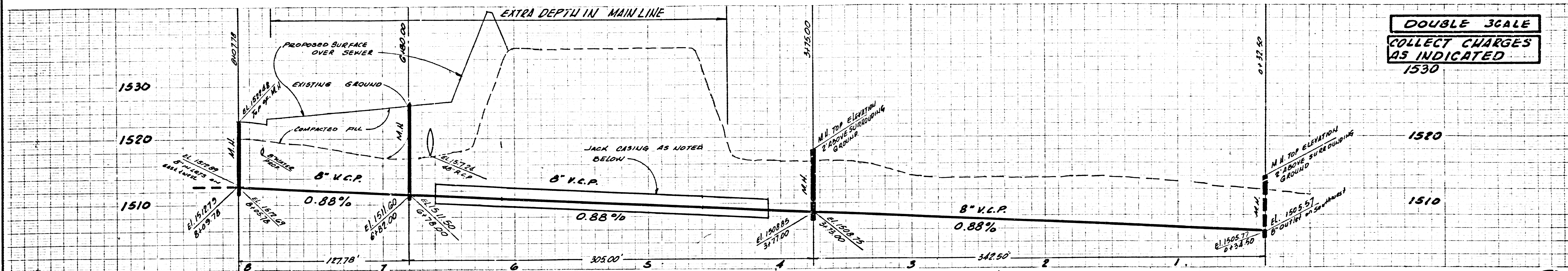


DOUBLE SCALE
NO CHARGE FOR CONNECTIONS



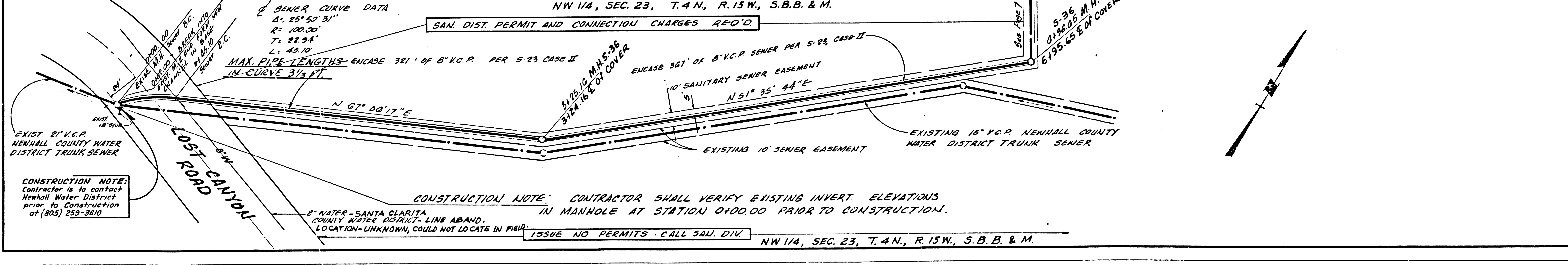
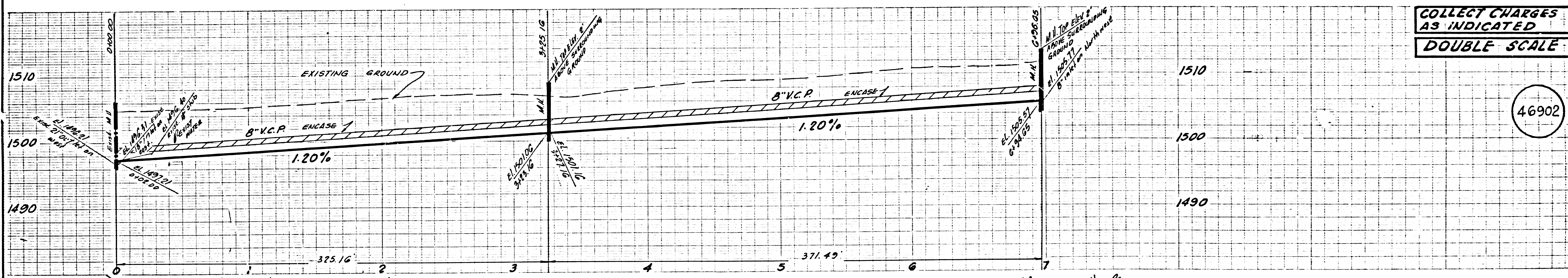
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

DOUBLE SCALE
COLLECT CHARGES
AS INDICATED
1530



46901

DOUBLE SCALE
COLLECT CHARGES
AS INDICATED
1510



46902

CONSTRUCTION NOTE:
Contractor is to contact
Newhall Water District
prior to construction
at (805) 259-3610

CONSTRUCTION NOTE: CONTRACTOR SHALL VERIFY EXISTING INVERT. ELEVATIONS
IN MANHOLE AT STATION 0+00.00 PRIOR TO CONSTRUCTION.

8" WATER - SANTA CLARITA
COUNTY WATER DISTRICT. LINE ABAND.
LOCATION - UNKNOWN, COULD NOT LOCATE IN FIELD.

ISSUE NO PERMITS - CALL SANJ. DIV