

B.M. CL 3988 ELEV. 1184.662
 USC & GS MON AT NW CORNER BRIDGE NO 1778
 17 FT N C/L PARKER ROAD AND 20 FT E GOLDEN
 STATE HWY ON RAMP MKD (F 1219 1971)
 NEWHALL QUAD. 1983

DOUBLE SCALE

PRIVATE ENGINEERS NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS OBTAINED 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 UTILITIES 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 THE CITY OF LOS ANGELES TELEPHONE COMPANY AT 1-800-540-4071 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

Raul Wechter
 REGISTERED CIVIL ENGINEER NO. 10992 EXP. 12-31-00
 DATE

NPDES NOTES

- BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES.**
- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, 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 OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE 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. ACCELERATED DEPOSITIONS MUST BE SWEEP 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.

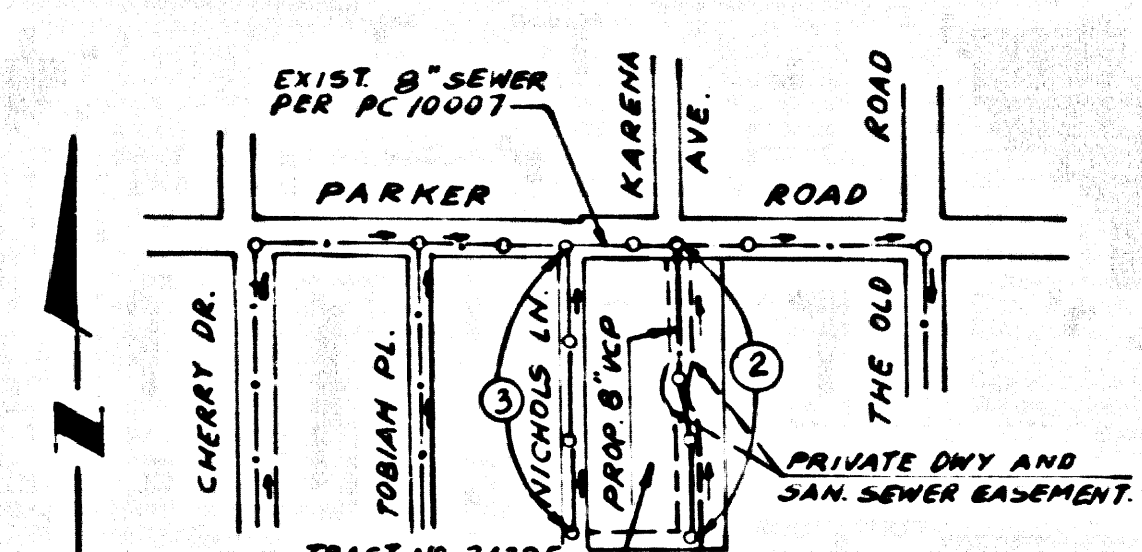
THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE "BEST MANAGEMENT PRACTICE HANDBOOK" CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA 1993, OR THE LATEST EDITION, MAY APPLY DURING CONSTRUCTION. ADDITIONAL MEASURES MAY BE REQUIRED, IF DEEMED APPROPRIATE BY COUNTY.

- | | |
|--|--|
| CA 001 - Dewatering Operations | ESC 01 - SCHEDULING |
| CA 002 - PAVING OPERATIONS | ESC 02 - PRESERVATION OF EXISTING VEGETATION |
| CA 003 - STRUCTURE CONSTRUCTION AND PAINTING | ESC 03 - SEEDING AND PLANTING |
| CA 010 - MATERIAL DELIVERY AND STORAGE | ESC 04 - MULCHING |
| CA 020 - SOLID WASTE MANAGEMENT | ESC 05 - GEOTEXTILES AND MATS |
| CA 021 - HAZARDOUS WASTE MANAGEMENT | ESC 06 - DUST CONTROL |
| CA 023 - CONCRETE WASTE MANAGEMENT | ESC 22 - TEMPORARY STREAM CROSSING |
| CA 024 - SANITARY/SEWIC WASTE MANAGEMENT | ESC 23 - CONSTRUCTION ROAD STABILIZATION |
| CA 030 - VEHICLE AND EQUIPMENT CLEANING | ESC 24 - STABILIZED CONSTRUCTION ENTRANCE |
| CA 031 - VEHICLE AND EQUIPMENT MAINTENANCE | ESC 25 - STORM DRAIN INLET PROTECTION |
| CA 032 - VEHICLE AND EQUIPMENT MAINTENANCE | |

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BRANING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE AT (805) 266-4683 SO THAT REQUIRED INSPECTIONS CAN BE MADE.

REVISION NO. 1
 REVISED PROPOSED SEWER LINE LOCATION DUE TO FIELD CONDITION. RELOCATE SEWER MAINLINE FROM 5' ELY TO 10' ELY OF E OF STREET FROM STA 0+00.00 TO STA 1+63.00, PAGE 3.
 REVISED BY *Raul Wechter* DATE 8/14/99
 APPROVED BY *Raul Wechter* DATE 8/14/99
 LACDPW



INDEX MAP
 SCALE: 1"=600'
 PC 11378 TRACT NO. 34385
 THOMAS GUIDE P6 4369, 6-7

NOTES:
 1. NUMBERS IN CIRCLES INDICATE PAGE NUMBERS.
 2. SEWER MAIN LINE AND MH'S ARE IN SANITARY SEWER EASEMENT (PAGE 2 ONLY)

GENERAL NOTES:

1. 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 OFFICE, 100 SOUTH PEARL AVENUE, 15TH FLOOR, ALHAMBRA, CA 91801. PERMITS FOR THE CONSTRUCTION OF SEWERS SHALL BE FILED WITH THE PERMIT APPLICATION. PERMITS FOR THE CONSTRUCTION OF SEWERS SHALL BE FILED WITH THE PERMIT APPLICATION. PERMITS FOR THE CONSTRUCTION OF SEWERS SHALL BE FILED WITH THE PERMIT APPLICATION.
2. PRIOR TO EXCAVATION OF ANY TRENCH THE CONTRACTOR SHALL OBTAIN A PERMIT FOR EXCAVATION AND SHOWN FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF NECESSITY. CONSTRUCTION INSPECTION SHALL BE PROVIDED BY THE DEPARTMENT OF PUBLIC WORKS. THE CONTRACTOR SHALL BE NOTIFIED 30 DAYS PRIOR TO EXCAVATION.
3. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 100 SOUTH SPRING STREET, LOS ANGELES, CA 90012.
4. 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.
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE "APPLICATION FOR CONSTRUCTION PERMIT" TO ARRANGE FOR THE NECESSARY CONSTRUCTION START DATE, AND SHALL NOTIFY THE CONSTRUCTION INSPECTION TELEPHONE (805) 468-3100 AT LEAST THIRTY FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
6. APPROVED 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.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, INCLUDING SUPPLIERS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN REGARDS TO SAFETY MEASURES AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENTS" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD 8-2.
9. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1988.
10. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
11. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS SHALL SIGN OR LAY OUT ANY PORTION OF THE WORK.
12. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF DRIVEWAY, CENTERLINE OF ALLEYS, AND SHOWN BY CIRCLES ON PROFILES AT ALL POINTS WHERE ELEVATIONS ARE INDICATED. THE BENCH MARK IS LISTED UNDER EACH SET OF COORDINATES TO A STRONGLY CORRELATED DATUM DESIGNATED POINTS.
13. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOME LATERALS AND VENT PIPES. PROVIDE STAKES FOR THEM AT THE PROPOSED LOCATIONS WITH STATIONING MARKS PLACED AT 10' INTERVALS. HOME LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT LINE EXCEPT AT RIGHT ANGLES FROM THE MAIN LINE SEWER. GRADES AT BENCH MARKS SHALL BE CONFORMED TO THE GRADE LATERALS FROM CENTERLINE SHALL NOT HAVE AN AREA OF LESS THAN 50' WITH THE VENT PIPES. HOME LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PRIVATE ENGINEER'S DESIGN.
14. THE PRIVATE ENGINEER SHALL FURNISH THE HOME LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOME LATERAL ON THE GRADE SHEET.

CONSTRUCTION NOTES:

1. PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINE AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
2. PRECAST CLAY PIPE JOINTS SHALL BE TYPE "D" OR "B" PER STANDARD SPECIFICATIONS SECTION 200-2.
3. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN 8-23, CASE 11. TWO FEET OF EACH SIDE FROM THE POINT OF INTERFERENCE.
4. ALL JOINTS BETWEEN CAST IRON PIPE SHALL BE MADE WITH A RUBBER BLEND JOINT. TYPE "D" WITH BUSHING IS PERMISSIBLE PER STANDARD SPECIFICATIONS SECTION 200-2.
5. HOME LATERALS TO BE CONSTRUCTED WITH JOINTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
6. USE OR USE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN SEWERS EXCEPT AS NOTED.
7. 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 BRANCH LATERAL, THE SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER STANDARD PLAN 8-23, CASE 11, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN 8-3 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN 8-30. OR PRECAST CONCRETE MANHOLES PER STANDARD PLAN 8-30, EXCEPT AS NOTED.
9. THE MANHOLE SHALL BE CONSTRUCTED WITHIN FIVE FEET TO SEVEN FEET UNLESS COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAYS REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
10. FULL COMPLIANCE WITH SECTION 200.1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BRICKLIN IN STREETS, SIDEWALKS, AND DRIVEWAYS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
11. ALL BRICKLINS AND FALLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE CONSTRUCTED TO SIX INCHES ABOVE FINISHED GRADE. ALL BRICKLINS AND FALLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE CONSTRUCTED TO SIX INCHES ABOVE FINISHED GRADE. ALL BRICKLINS AND FALLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE CONSTRUCTED TO SIX INCHES ABOVE FINISHED GRADE.
12. MANHOLES SHALL BE CONSTRUCTED WITHIN FIVE FEET TO SEVEN FEET UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
13. MANHOLES TO BE TESTED FOR LEAKAGE PER SECTION 200-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
14. ALL VENT AND/OR HOUSE LATERALS SHALL BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT TO CROSS UNDER THE FEET IN ANY MANNER.

FRONT ELEVATION AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN

TRACT NO. 34385

PRIVATE CONTRACT NO. 11378
 INDEX: 1214
 2 SHEETS, 3 PAGES

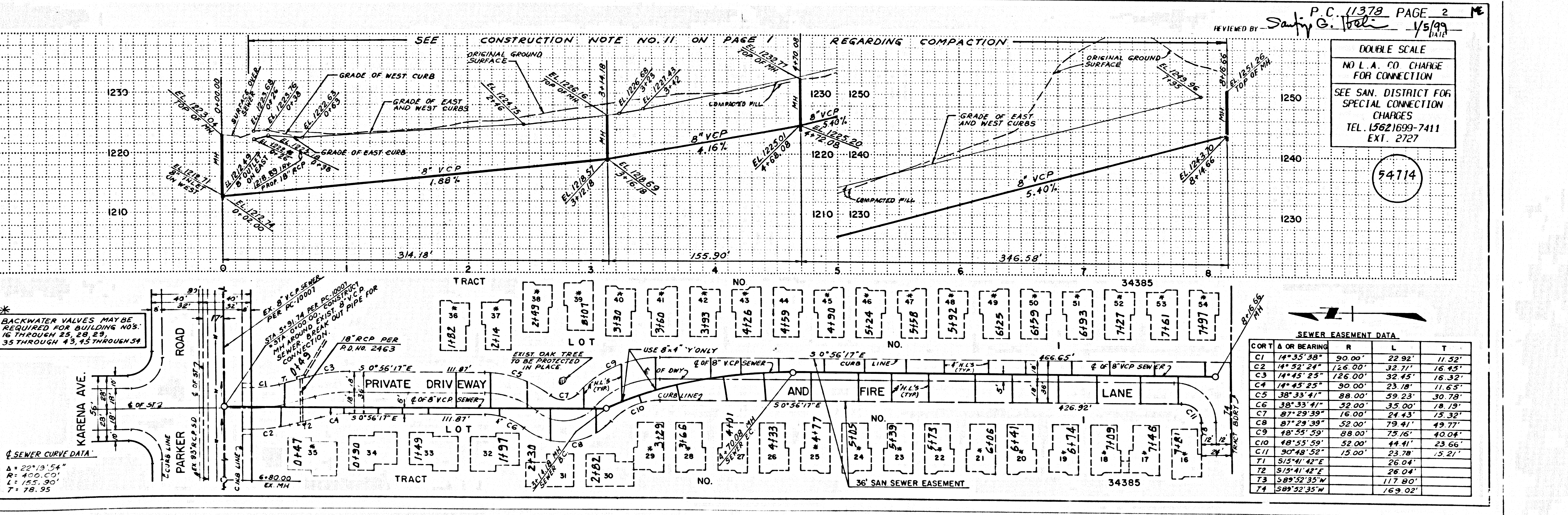
SCALE: VERT. 1"=8'
 HORIZ. 1"=40'
 JAN. 1999

PREPARED IN THE OFFICES OF
SAUL WECHESTER & ASSOCIATES
 17311 SAN FERNANDO MISSION BLVD., GRANADA HILLS, CA 91344
 BY: *Raul Wechter* TEL: (818) 368-9043
 REG. L.E. NO. 10992

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	2000-8
MINIMUM PUBLIC SAFETY REQUIREMENTS	2000-9
BRICK MANHOLE	2001-8
STANDARD MANHOLE STEP	2001-9
RELOCATING FOR SEWER PIPE	2002-8
CONCRETE AND ENCASEMENT	2002-9
W/TE ON TEE SUPPORT	2002-10
ALUMINUM TRENCH WIDTHS	2002-11
LANDFILL MANHOLE FRAME AND COVER	2002-12
NON-REINFORCED PRECAST CONCRETE MANHOLE	2002-13
REINFORCED PRECAST CONCRETE MANHOLE	2002-14
PROTECTION FOR SOIL REMAINS NEAR WATER MAINS	2002-15

* DENOTES A P.W. STD. PLAN (1984) EDITION
 COUNTY OF LOS ANGELES, CALIFORNIA
 HARRY M. STONE
 DIRECTOR OF PUBLIC WORKS
 APPROVED: *Raul Wechter* 1-4-99 (DATE)
 APPROVED: *Raul Wechter* 1-4-99 (DATE)
 REG. L.E. NO. 43541
 SANTA CLARITA VALLEY BLDG. DIST. 8-2

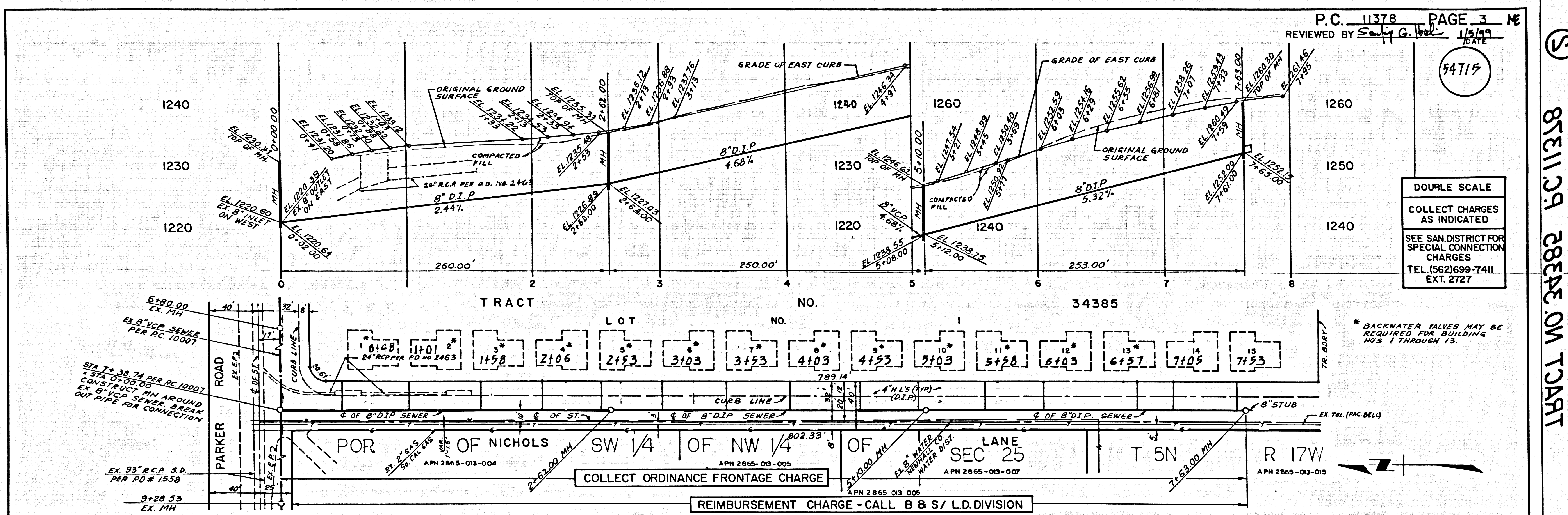


P.C. 11378 PAGE 2
 REVIEWED BY: *Sandy G. Bell* 1/5/99 (DATE)

DOUBLE SCALE
 NO L.A. TO CHANGE FOR CONNECTION
 SEE SAN. DISTRICT FOR SEWER CONNECTION CHARGES
 TEL. (562) 693-7411 EXT. 2727
 54714

SEWER EASEMENT DATA

CURT. A OR BEARING	R	L	T
C1 14°35'38"	90.00'	22.92'	11.32'
C2 14°32'24"	126.00'	32.71'	16.45'
C3 14°45'25"	126.00'	32.45'	16.32'
C4 14°45'25"	90.00'	23.18'	11.65'
C5 38°33'41"	88.00'	39.23'	30.78'
C6 38°33'41"	32.00'	35.00'	18.78'
C7 87°29'39"	16.00'	24.43'	15.32'
C8 87°29'39"	32.00'	79.41'	49.77'
C9 18°55'59"	88.00'	75.16'	40.04'
C10 18°55'59"	32.00'	44.41'	23.66'
C11 90°48'59"	75.00'	23.78'	13.21'
T1 51°41'42"E		26.04'	
T2 51°41'42"E		26.04'	
T3 58°32'35"W		117.80'	
T4 58°32'35"W		169.02'	

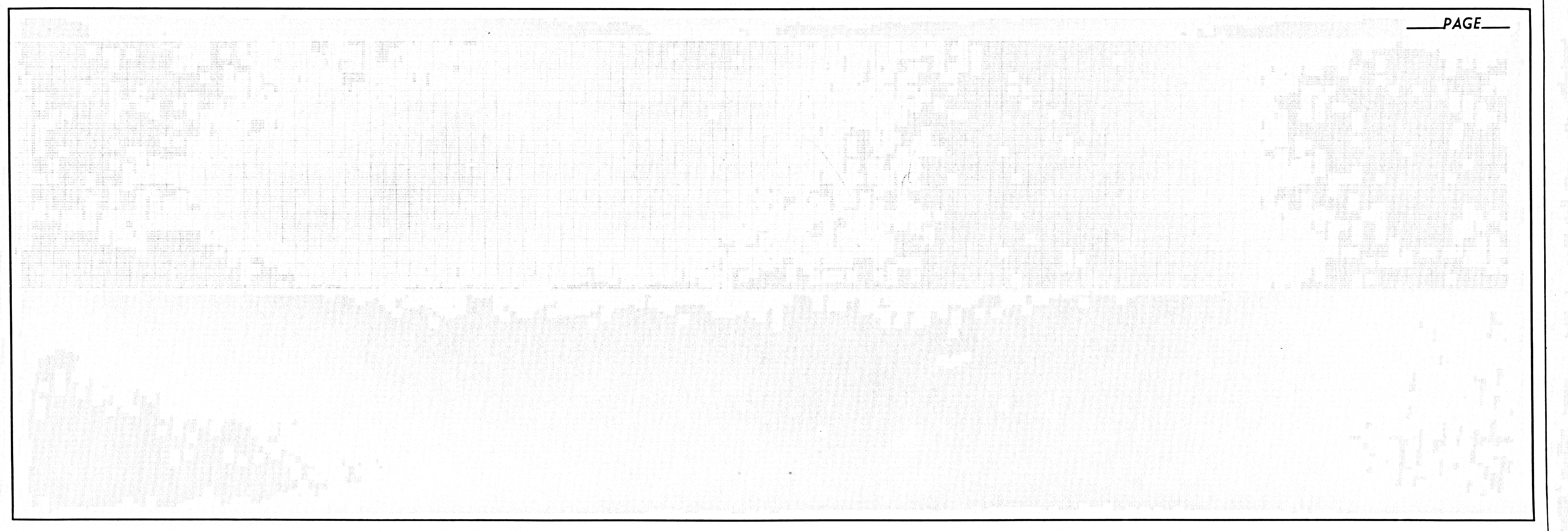


DOUBLE SCALE
 COLLECT CHARGES AS INDICATED
 SEE SAN DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 699-7411
 EXT. 2727

* BACKWATER VALVES MAY BE REQUIRED FOR BUILDING NOS 1 THROUGH 13.

REIMBURSEMENT CHARGE - CALL B & S / L.D. DIVISION

8511.09 2885E.0M TRACT



_____ PAGE _____