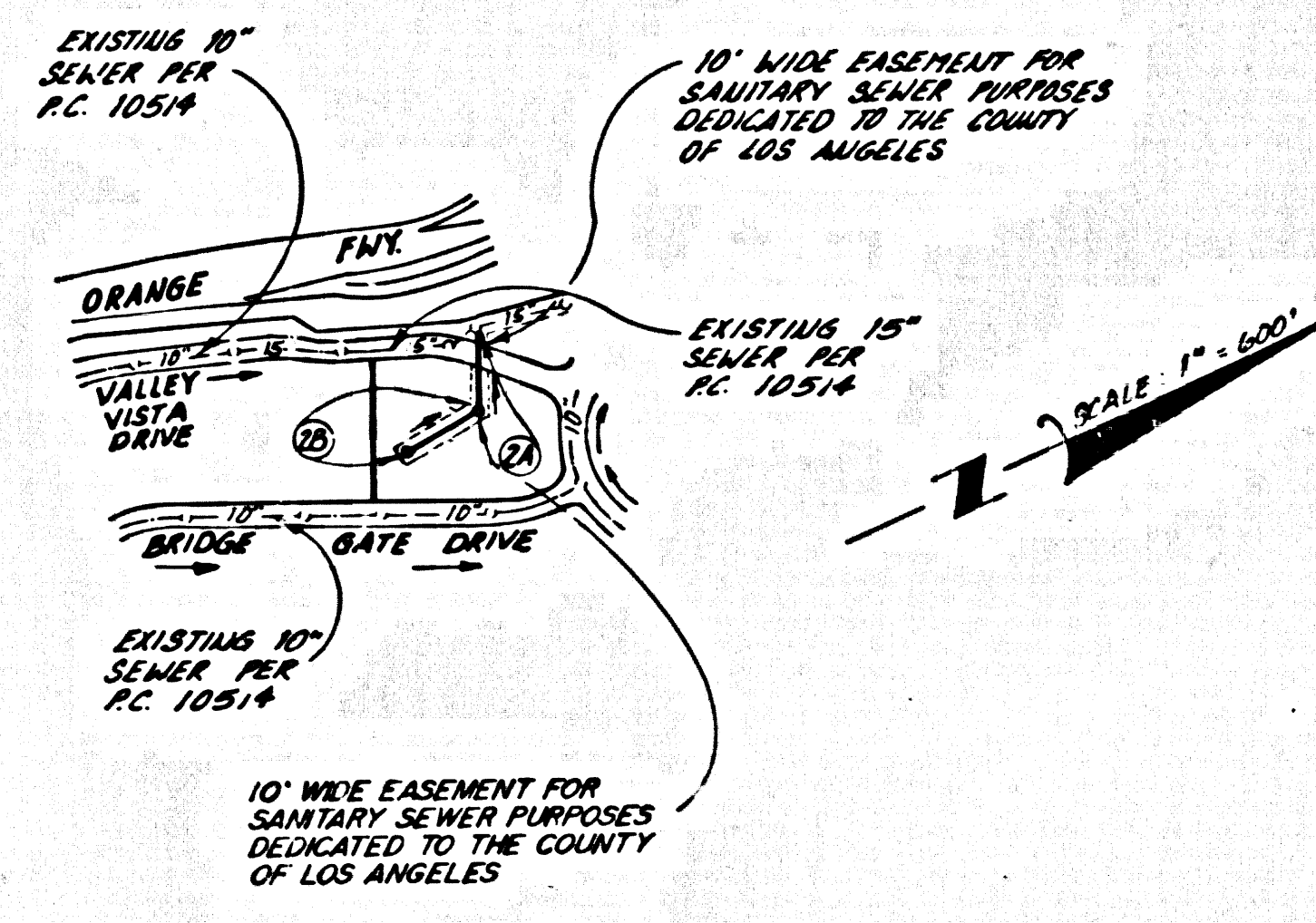


B.M. CG 4234 ELEV. 596.974  
 RD. 24.74 TAG. IN CONC. C.A. 3 FT. WIDE EWD  
 SHFT. 5.0 GROUND SURFACE OR 1.0 IN. ELEV.  
 AREA CAN BE 50 FT. WIDE OR TO 50 FT. C.A.  
 DEPT. OF TRAILS, VA. 44 21480  
 OTTERBELL QUAD. 1982.



**INDEX MAP**  
 P.C. 10962 PARCEL MAP NO. 20358  
 SCALE: 1" = 600'  
 TS 97-02

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 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) 362-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

NOTE: LOT 7 OF P.M. NO. 20358 IS SERVED BY P.C. 10514

**GENERAL NOTES: DOUBLE SCALE**

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929
- 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 CURBS, CENTER LINE OF CURBS, CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. 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 4" OR 6" 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.
- 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.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 4 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 900 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 8TH FLOOR TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN STATE HIGHWAY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 71041 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
- PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 900 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 8TH FLOOR, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

- CONSTRUCTION NOTES:**
- FROM THE DATE OF CONSTRUCTION ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1988 EDITION) SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978 AND SHALL BE PROCEEDED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (818) 488-1128 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
  - 4" OR 6" BRANCHES SHALL BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
  - ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER 8-3 OR PRECAST CONCRETE SEWER MANHOLES PER 8-3 EXCEPT AS NOTED.
  - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  - MANHOLE TOPS IN ADJOINED RIGHTS OF WAY TO BE FINISHED WITH FINISHED GRADE.
  - INTRENCHED CLAY PIPE JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 208-2.
  - IF A ROW #1 HOLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-3, CASE U, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
  - 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 SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-3, CASE H UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
  - ALL JOINTS BETWEEN CAST IRON PIPE AND INTRENCHED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" (WITH BRASSING) IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-3.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-14 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
  - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - FULL COMPLIANCE WITH SECTION 208-13.2 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
  - SPECIAL BACKFILL IN REARBERM CONSTRUCTION IN BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. IN ALL BACKFILL AREAS, PLACES SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST D698 AT 15% MODIFIED ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

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

PARCEL MAP No. 20358  
 PRIVATE CONTRACT NO. 10962  
 INDEX U-143  
 1 SHEET 2 PAGES

SCALE: HORIZ. 1" = 60'  
 VERT. 1" = 4'  
 FEBRUARY, 1989

PREPARED IN THE OFFICES OF  
**C.P. LANGE ENGINEERS**  
 840 W. 9th ST.  
 UPLAND, CA 91786 (714) 946-9919

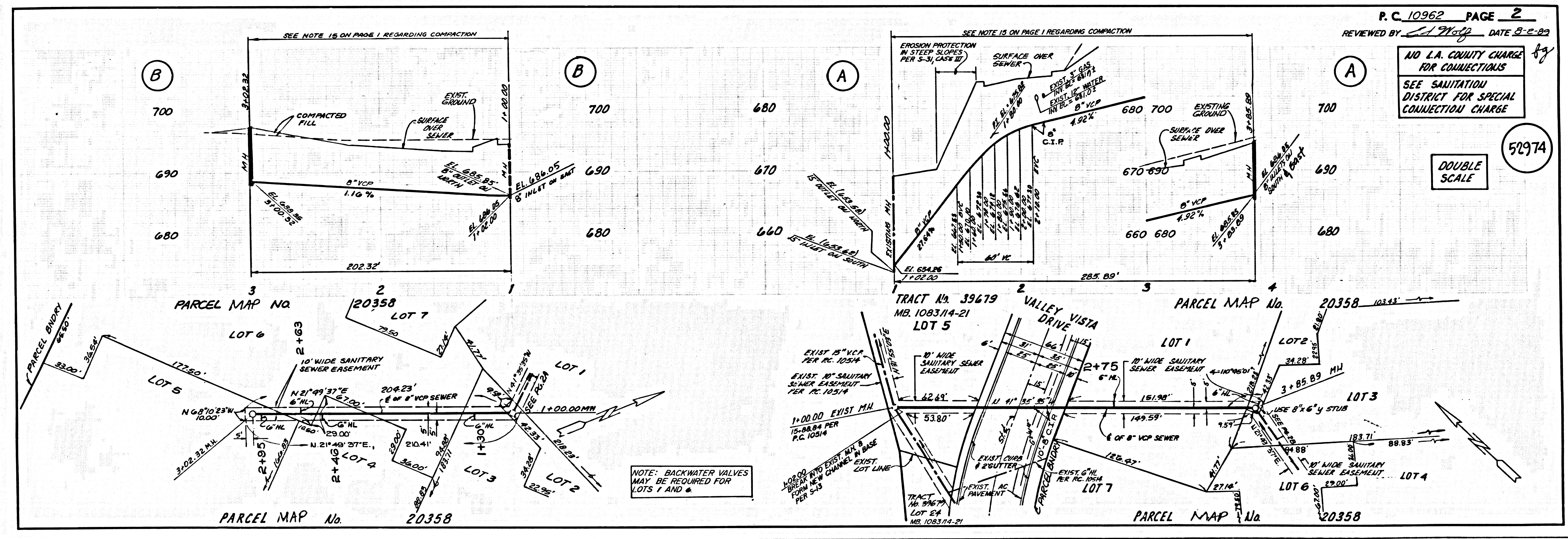
DATE: 2-17-89

THE FOLLOWING LATEST REVISIONS AND AMENDMENTS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

REVISION	DATE
LEGEND A	8-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
BRICK MANHOLE	8-3
STANDARD MANHOLE STEP	8-17
BEDDING FOR SEWER PIPE	8-21
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BREAKING INTO EXIST. MANHOLE	8-43

COUNTY OF LOS ANGELES, CALIFORNIA  
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS  
 CHARLES W. CARRY, CHIEF ENGINEER  
 CO. SAN. DIST. NO. 21

APPROVED: Dean [Signature] 8/2/89 (DATE)  
 CHECKED: [Signature] 8/2/89 (DATE)  
 REG. C.E. NO. 10116 (DATE)  
 SAN. DIMAS BLDG. DIST. 10.00



P.C. 10962 PAGE 2  
 REVIEWED BY: [Signature] DATE 2-2-89

NO L.A. COUNTY CHARGE FOR CONNECTIONS  
 SEE SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGE

DOUBLE SCALE