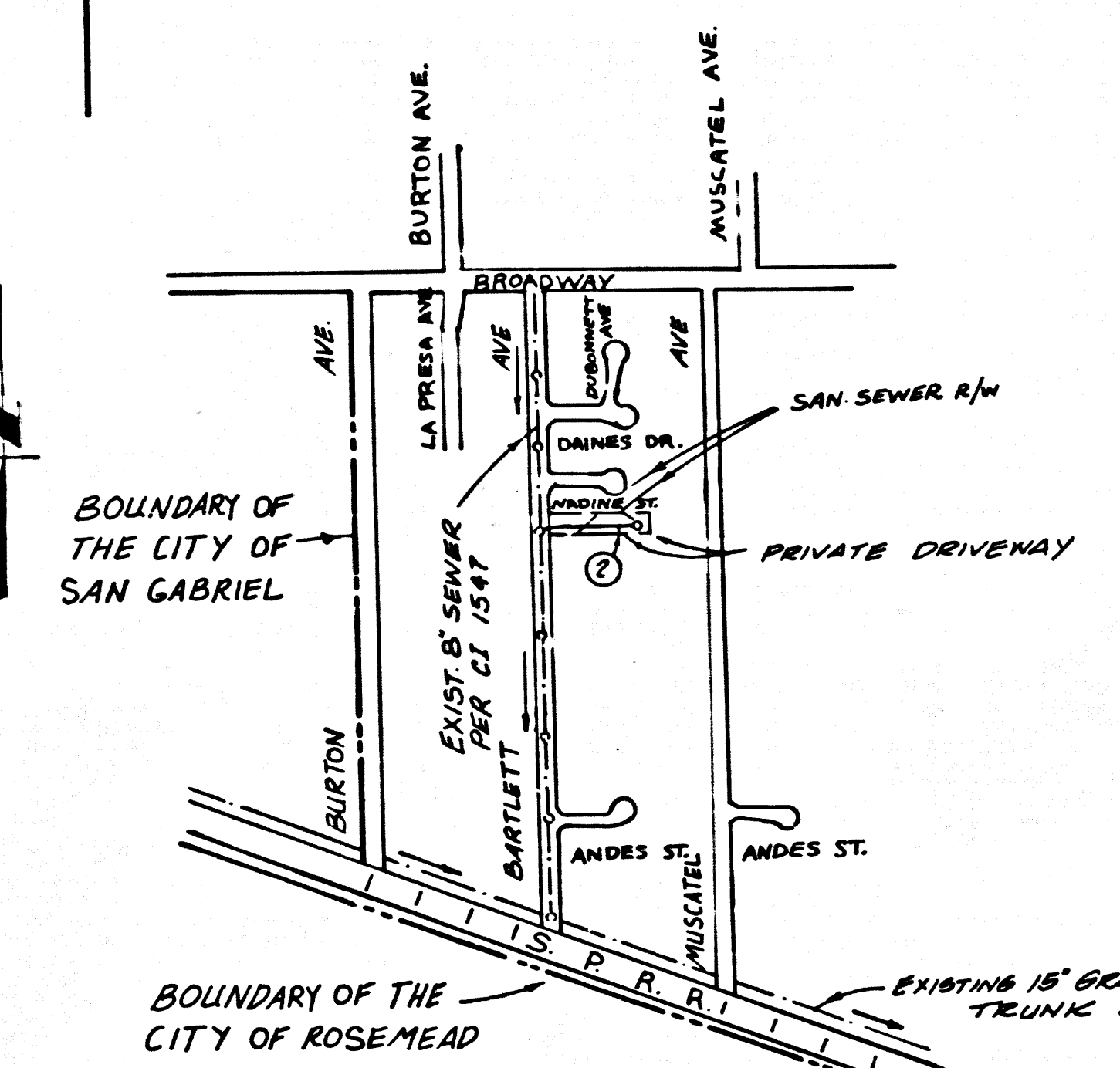


B.M. C.O. 675 ELEV. 305.102  
 LOT N.C.B. 5 FT N/O END 20 FT N.H.  
 20 FT W/O C/L INT BROADWAY &  
 MUSCATEL AVE TO THE N.  
 ARCADIA QUAD. 19 80



**INDEX MAP**  
 TRACT NO. 45019  
 P.C. NO. 10716  
 SCALE: 1" = 600'

NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER

**PRIVATE ENGINEER'S NOTICE TO CONTRACTORS**

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 BEING NO EXISTING UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE SUCH PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "UNDERGROUND SERVICE ALERT" AT 1-800-452-1234 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

*Richard Shirots*  
 REGISTERED ENGINEER R.C.E. NO. 35447

**CONSTRUCTION NOTES CONT.**

16. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE STRUCTURES.
17. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
18. A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MANHOLE SEWER PIPE.
19. A.B.S. COMPOSITE PIPE SHALL BE RECCED IN CONFORMANCE WITH THE TABLE IN SECTION B-1.1 OF PART IV OF THE SPECIAL PROVISIONS.
20. THREE CURVE DEFLECTION COUPLERS ARE REQUIRED FOR RADIUS OF CURVATURE LESS THAN 300 FEET WHEN USING A.B.S. COMPOSITE PIPE.
21. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.
22. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BEVELING PIPE ENDS USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.
23. ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
24. A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MANHOLE SEWER.
25. ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MANHOLE SEWER PIPE.

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 PHON (818) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

**GENERAL NOTES:**

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1985.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DEPT. OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPT. OF PUBLIC WORKS 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 FOR TOP OF CURBS, CENTERLINE OF STREETS OR CENTERLINE OF ALLEYS ARE SHOWN BY CIRCLES OR TRIANGLES. 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 DEPT. OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKEOUTS THEREAT AT THEIR PROPER LOCATIONS WITH STAKING PLAINS 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 BY 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 COM.STR. DIV. OF THE DEPT. OF PUBLIC WORKS AND PAY A FEE TO THE DIRECTOR OF PUB. WORKS 2250 AL CAZAR ST., L.A., CA 90031 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. 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, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
9. REFER TO SECTION 710.41 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
10. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPT. OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COM.STR. DIV. (11/1/51) CH. 11. A PERMIT FOR EXCAVATION 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, 2250 AL CAZAR ST., LOS ANGELES, CA, 90031A-208 NAMED AS THE CERTIFICATE HOLDER TO NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

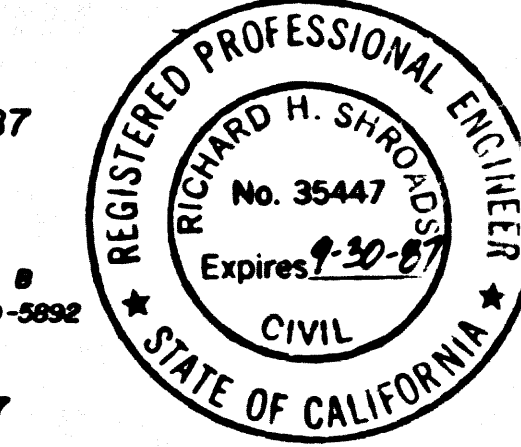
**CONSTRUCTION NOTES:**

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1985 EDITION, 1986 SUPPLEMENT AND DEPT. OF PUB. WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 17, 1976 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIV. PUBLIC WORKS DEPT. TEL. (213) 200-8881 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH 1/2" RISE PER FOOT AT THE 1/4" LINE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS EXCEPT AS NOTED.
5. WYE BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS IF A.B.S. P. IS USED.
6. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 8-2.3 OR PRECAST CONCRETE MANHOLES PER 8-2.3 EXCEPT AS NOTED.
7. MANHOLE TOPS IN IMPROVED RIGHTS OF WAY TO BE 18" IN WITH FINISHED GRADE.
8. WITHIN CLAY PIPE JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 808.2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-2.3 CASE 8 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 MANHOLE OR HOUSE LATERAL SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-2.3 CASE 8 UNLESS OTHERWISE APPROVED BY THE DEPT. OF PUBLIC WORKS.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHIN CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" (WITH THE JOINTS BETWEEN CAST IRON PIPE & A.B.S.P. SHALL BE MADE WITH APPROVED FITTINGS).
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 804.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 308.11.4 OF THE S.T.C. SPECIFICATIONS SHALL 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. SPECIAL BACKFILL IN RESIDENT CONSTRUCTION (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. 370 METHOD OF TEST ORS 11 AS WORKED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIV. PUBLIC WORKS DEPT.

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

TRACT NO. 45019  
 PRIVATE CONTRACT NO. 10716  
 U-28

1 SHEET ; 2 PAGES  
 SCALE: VERT. 1" = 4'  
 HORIZ. 1" = 40'  
 MAY, 1987  
 PREPARED IN THE OFFICES OF  
 CIVILTEC ENGINEERING, INC.  
 2610 S. CALIFORNIA AVE. SUITE 8  
 MONTEVILIE, CA. 91016 (818) 309-9898  
 BY *Richard Shirots*  
 RICHARD SHIROTS REG. C.E. 35447



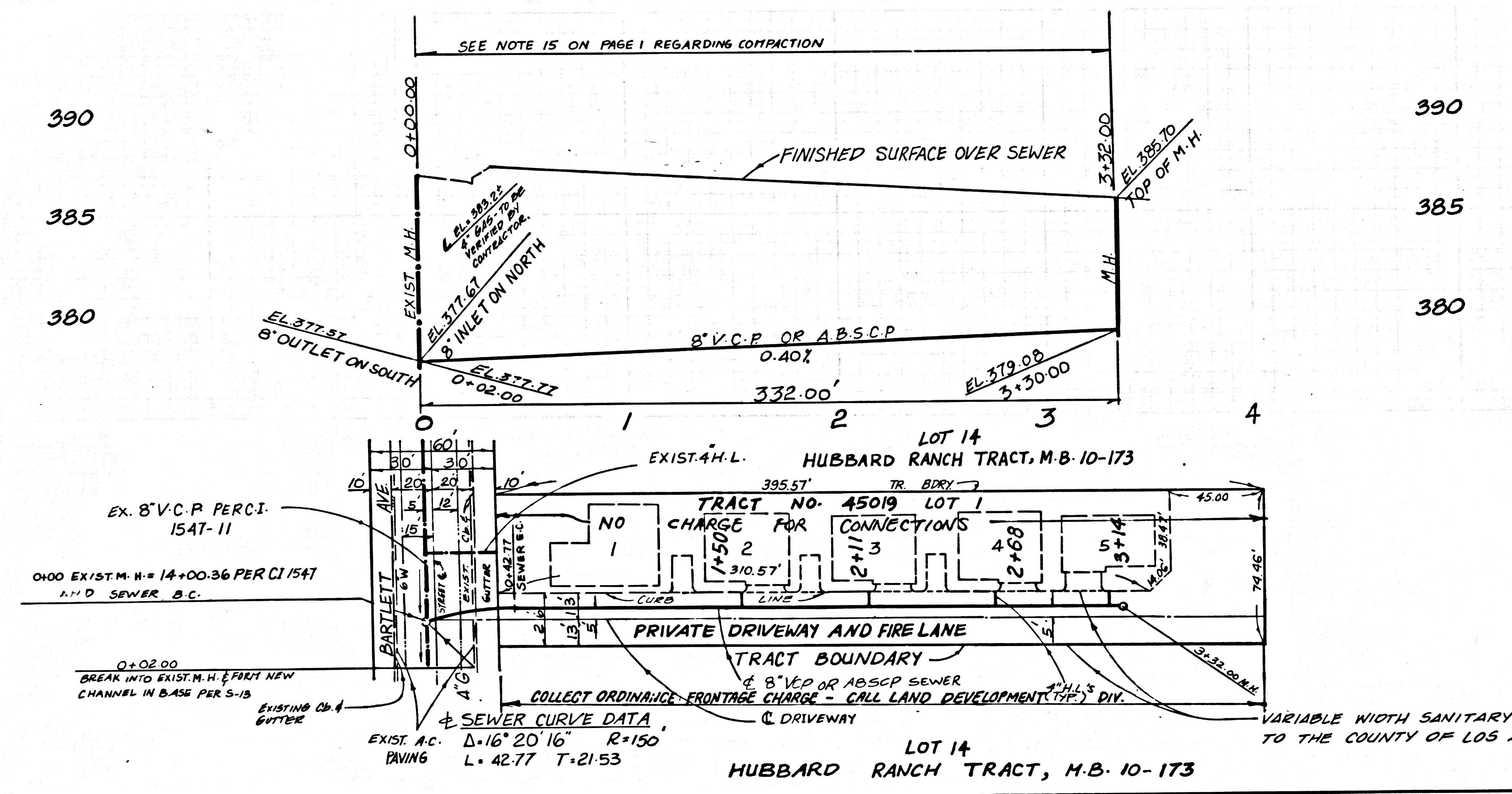
THE FOLLOWING LATEST REVISED STANDARDS PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND	8-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
BRICK MANHOLE	8-3
STANDARD MANHOLE STEP	8-7
BECDING FOR SEWER PIPE	8-21
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LOCKING MANHOLE FRAME AND COVER	8-30
NON-REINFORCED PRECAST CONCRETE MANHOLE	8-36
BREAKING INTO EXIST. MANHOLE	8-13

COUNTY OF LOS ANGELES, CALIFORNIA  
 THOMAS A. IDEMANSON, DIRECTOR DEPARTMENT OF PUBLIC WORKS  
 CHARLES W. CARRY, CHIEF ENGINEER  
 APPROVED *Richard Shirots* 5/27/87 APPROVED *Charles W. Carry*  
 CHECKED *Richard Shirots* 5/28/87 DATE 5/28/87  
 REG. C.E. NO. 16841  
 TEMPLE CITY BLDG. DIST. 5.08

REVIEWED BY: *Sandy G. Helle* 1/24/87  
 DATE

COLLECT CHARGES AS INDICATED  
 SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES.



210129


21024 ON T/CART

21024 ON T/CART

TO: J. Lizakowski - Mapping Division  
FROM: Record Plan Section/Sewer  
DATE: 2/8/89  
P.C./PROJECT 10716

We are transmitting:  
 Tracings

For:  
 Micro-Filming  
 \_\_\_\_\_

LAND DEVELOPMENT DIVISION  
Record Plan  
By:   
Standard Form (518) 438-4910