

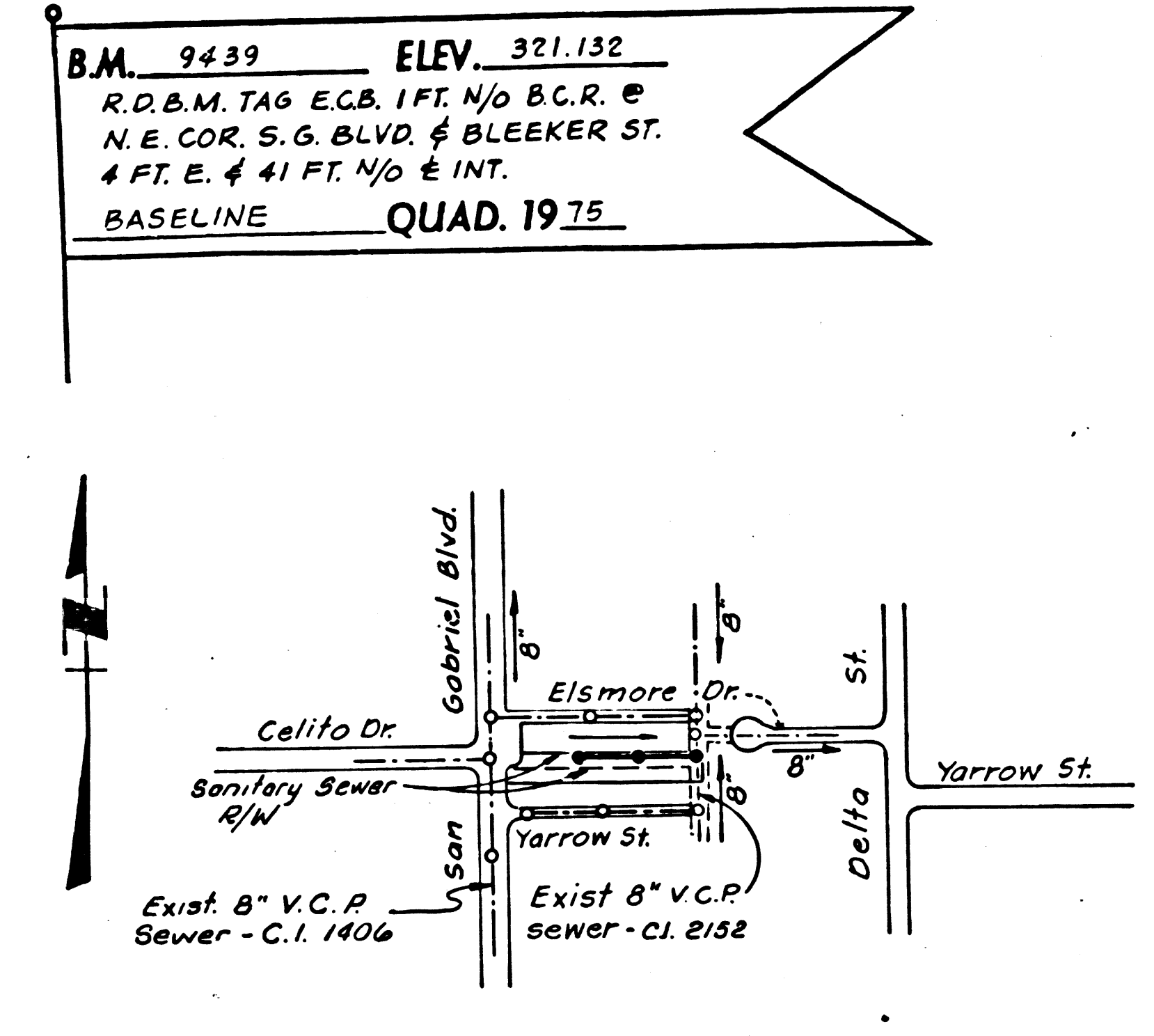
TRACT NO. 31166  
 PRIVATE CONTRACT NO. 9892

W.S. 36  
 1 SHEET, 2 PAGES  
 SCALE: VERT. 1" = 8'  
 HORIZ. 1" = 40'  
 DATE: SEPT., 1980  
 PREPARED IN THE OFFICES OF  
 ROTTER, CRAIG, SILVER & ASSOCIATES  
 1415 W. Garvey #108 West Covina, CA. 91790  
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 REG. C. E. No. 8757

49072

**DOUBLE SCALE**

15. (CONT.) OF COUNTY ENGINEER, 550 SOUTH VERMONT, ROOM 406, LOS ANGELES, CALIFORNIA, 90005, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
16. SPECIAL BACKFILL IN BASEMENT 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 BUILDING AND SAFETY DIVISION.  
 (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OR MAXIMUM DENSITY PER A.S.T.M. #100 METHOD OR TEST METHOD 998-87 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.



INDEX MAP  
 Scale 1" = 600'  
 P.C. 9892  
 TRACT NO. 31166

BEFORE BEGINNING WORK OR CONSTRUCTION ON A COUNTY SANITARY SEWER PROJECT, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE SANITATION DISTRICT INSPECTOR. THE PERMIT SHALL BE OBTAINED AT LEAST 30 DAYS PRIOR TO THE START OF CONSTRUCTION. NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS EXCEPT AS AUTHORIZED BY A PERMIT FOR INDUSTRIAL WASTE CONNECTION AND AS BEING ISSUED BY THE SANITATION DISTRICTS B.M. AND SANITATION.

**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 FOR TOP OF MAIN LINE SEWER, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS, 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 12" OR 18" 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 COURTYARDS 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 L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 2, AND PAY A FEE TO THE COUNTY ENGINEER, 550 SO. VERMONT AVENUE, LOS ANGELES, ROOM 406, 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, 120 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 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.
10. REFER TO SECTION 7-18.2.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.

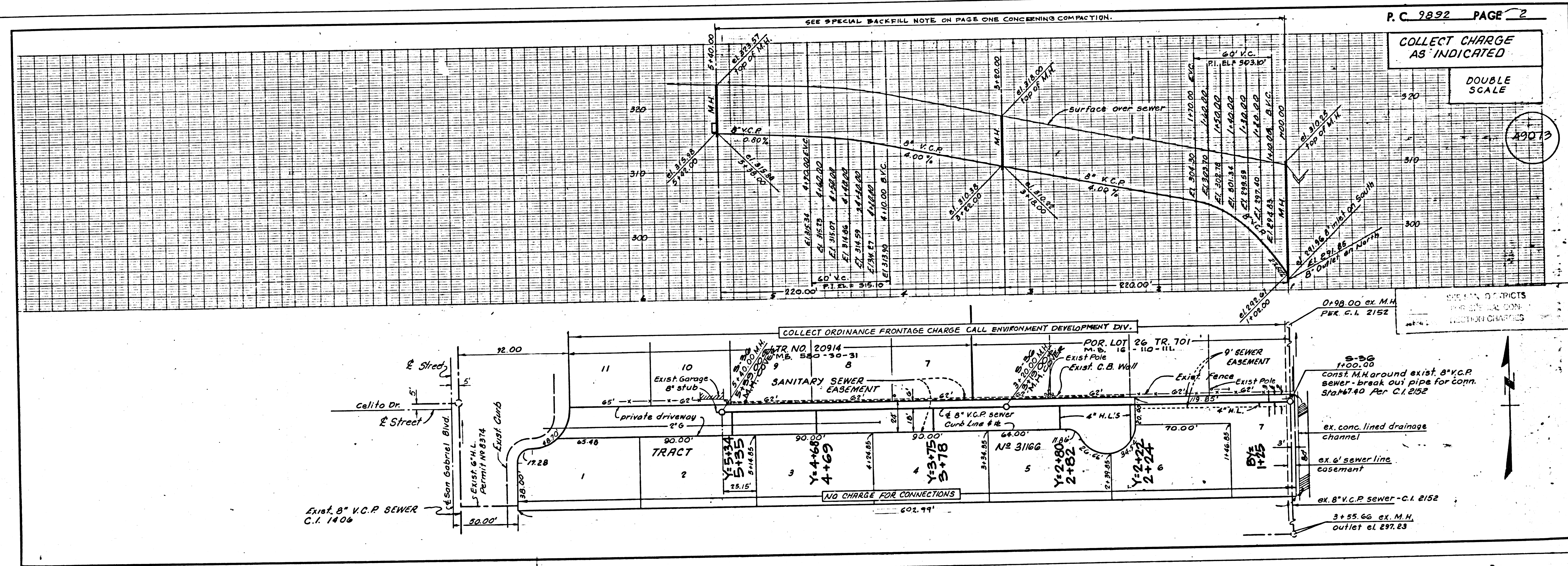
**CONSTRUCTION NOTES:**

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1979 EDITION WITH 1980 SUPPLEMENTS) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 1978. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY PHONE, 213-738-2166, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
2. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
3. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
4. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-23 OR PRECAST CONCRETE MANHOLES PER S-26, EXCEPT AS NOTED.
5. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
6. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
7. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", OR "D" PER STANDARD SPECIFICATIONS SECTION 306-2.
8. 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.
9. 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.
10. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH GASKETING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-2.
11. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.6 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
12. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
13. FULL COMPLIANCE WITH SECTION 306-1.5 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 CONTRACTOR PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
14. PRIOR TO THE RESURFACING OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, 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.

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

USDRS	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-23
STANDARD MANHOLE STEP	S-27
BEDDING FOR SEWER PIPE	S-31
CULVERT AND ENCASUREMENT	S-32
WYE OR TEE SUPPORT	S-36
ALLOWABLE TRENCH WIDTHS	S-39
LOCKING MANHOLE FRAME AND COVER	S-43
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-46

COUNTY OF LOS ANGELES, CALIFORNIA  
 DEPARTMENT OF COUNTY ENGINEER WALTER E. GARRISON, CHIEF ENGINEER  
 CO. SAN DIST. NO. 12  
 APPROVED: Walter E. Garrison 9/18/80  
 APPROVED: David S. Rotter 9/18/80  
 CHECKED: David S. Rotter 9/18/80  
 REG. C.E. NO. 16583  
 TEMPLE CITY BLDG. DIST. 5



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