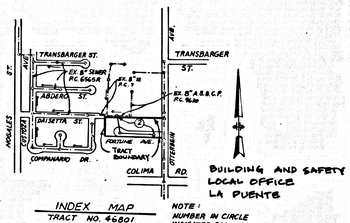
B.M. CG 3856 ELEV. 486.260

RDBM TAG IN CONC. CURB 38 FT N BCR 112 FT N 42 FT E/O C/L INT. NOGALES ST & COLIMA RD.
OTTERBEIN QUAD. 1980



INDEX MAP
TRACT NO. 46801
SCALE 1" = 600'
F.C. 11148
T.G. 671-C4

NOTE: NUMBER IN CIRCLE INDICATES PAGE NO.

CONTRACTOR TO MAINTAIN FLOW AT ALL TIMES DURING CONSTRUCTION OF MANHOLE.

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 (626) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

ACCEPTED FOR PUBLIC USE
05-03-2005
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
LAND DEVELOPMENT DIVISION

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

1. CROSSED SEDIMENTS AND OTHER POLLUTANTS MUST BE REMOVED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALE, AREA DRAINS, NATURAL DRAINAGE COURSES OR DRAINS.
2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
3. 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 ON-SITE DRAIN SYSTEM.
4. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
5. TRASH AND CONSTRUCTION SOLID WASTES MUST BE DISPOSED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
6. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO PREVENT SEDIMENTS FROM BEING DEPOSITED ON THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
7. ANY SLOPES WITH DISTURBED SOILS OR GRADED OR VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
8. MATERIAL DELIVERY AND STORAGE (C-2410)
   PROVIDE A DESIGNATED STORAGE AREA WITH SECONDARY CONTAINMENT AND/OR WEATHER PROTECTION. NOTE THE MAINTENANCE PRACTICES AND SCHEDULE PROPOSED FOR THIS AREA.
9. MATERIAL USE (C-2411)
   HAZARDOUS MATERIALS, FERTILIZERS, PESTICIDES, PLASTICS, SOLVENTS, PAINTS AND OTHER COMPOUNDS MUST BE PROPERLY HANDLED IN ORDER TO REDUCE THE RISK OF POLLUTION OR CONTAMINATION. TRAINING AND INFORMATION ON PROCEDURES FOR THE PROPER USE OF ALL MATERIALS MUST BE AVAILABLE TO THE EMPLOYEES THAT APPLY SUCH MATERIALS.
10. SPILL PREVENTION AND CONTROL (C-2412)
    IDENTIFY SPILL PREVENTION AND CONTROL MEASURES THAT WILL BE TAKEN FOR ALL PROPOSED MATERIALS. IDENTIFY THE METHODS BY WHICH ACCIDENTAL SPILLS WILL BE CLEANED AND PROPERLY DISPOSED OF.
11. SOLID WASTE MANAGEMENT (C-2413)
    PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. ARRANGE FOR REGULAR DISPOSAL. PROVIDE CONCRETE STORAGE WITH SECONDARY CONTAINMENT. CONTAINERS ARE REQUIRED TO PROTECT WASTE FROM RAIN TO PREVENT WASTE POLLUTIONS AND PREVENT WIND DISPERSAL.
12. HAZARDOUS WASTE MANAGEMENT (C-2421)
    HAZARDOUS MATERIALS MUST BE DISPOSED OF IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS. IDENTIFY THE PROPOSED METHODS OF DISPOSAL AND ANY STATE, MINIMUM CONTRACTS THAT MAY BE APPLICABLE.
13. STABILIZED CONSTRUCTION ENTRANCE (TC-2431)
    A STABILIZED CONSTRUCTION ENTRANCE IS REQUIRED FOR ALL CONSTRUCTION SITES TO ENSURE THAT DIRT AND DEBRIS ARE NOT TRACKED ONTO THE ROAD OR ADJACENT PROPERTY. MAINTENANCE OF SUCH A SYSTEM IS REQUIRED FOR THE DURATION OF THE PROJECT. SUCH STABILIZATION MAY BE OF ROCK OR PAVED.
14. SEDIMENT TRAP (TC-2432)
    ENCLOSED SEDIMENT TRAPS MUST BE SETTLED ON SITE AND NOT PERMITTED TO ENTER THE DRAINAGE SYSTEM.
15. STRUCTURE CONSTRUCTION AND PAVING (C-2433)
    PROPER DISPOSAL OF ALL WASTES IS REQUIRED TO KEEP POLLUTANTS FROM THE STORM WATER RUNOFF WHICH WILL BE CONVEYED INTO THE STORM DRAIN SYSTEM. THE PROPER DISPOSAL OF WASTES IS REQUIRED.
16. CONCRETE WASTE MANAGEMENT (C-2434)
    DISPOSE OF CONCRETE WASTE MATERIALS UNDER CONCRETE AND/OR ON-SITE WASHOUT EXCEPT IN DESIGNATED AREAS AWAY FROM DRAINS, DITCHES, STREETS AND STREAMS. CONCRETE WASTE DEPOSITED ON SITE SHALL BE STAMP, BE BROKEN APART, AND DISPOSED IN PROPERLY CONTAINERS AND PROPER DISPOSAL IS REQUIRED FOR ALL CONCRETE WASTE.
17. SANITARY/SEPTIC WASTE MANAGEMENT (C-2435)
    UNTREATED SAN WASTEWATER IS NOT TO BE DISCHARGED ON SURFACE. SANITARY/SEPTIC FACILITIES ON SITE ARE REQUIRED TO BE IN COMPLIANCE WITH LOCAL HEALTH AGENCY REQUIREMENTS.
18. PRESERVATION OF EXISTING VEGETATION (TC-2436)
    IDENTIFY THE AREAS IN WHICH EXISTING VEGETATION WILL BE REMAIN UNDISTURBED. SENSITIVE AREAS WHICH ARE REQUIRE PRESERVATION INCLUDE STEEP SLOPES, WATERCOURSES AND WOODED AREAS. PROTECTION IS REQUIRED FOR NORMAL POOLS, WETLANDS, MARSHES AND OAK TREE SITES.
19. MULCHING (TC-2511)
    IDENTIFY THE SPECIFIC LOCATIONS THAT MULCHING WILL BE USED AS A SOIL STABILIZER. IT IDENTIFY THE SPECIFIC MATERIAL MIXTURE THAT THE MULCH WILL CONSIST OF.
20. SODDING (TC-2512)
    IDENTIFY THE SPECIFIC LOCATIONS THAT SODDING WILL BE USED AS A SOIL STABILIZER. INCLUDE THE MANUFACTURE SPECIFICATIONS FOR THE BRAND OF MATTING TO BE USED.
21. DUST CONTROL (TC-2513)
    DUST CONTROL IS REQUIRED FOR CLEARING, GRADING, CONSTRUCTION, SOIL STOCKPILING AND SITE WORK DURING DRY WEATHER. AS WELL AS FOR UNIMPROVED ROADWAYS. IDENTIFY THE METHOD BY WHICH DUST CONTROL WILL BE PERFORMED ON "TE" AND NOTE THE FREQUENCY IN WHICH IT WILL OCCUR. NON-COMPLIANCE WILL BE REPORTED TO THE DISTRICT ATTORNEY MANAGEMENT DISTRICT FOR ADDITIONAL ENFORCEMENT.
22. STORM DRAIN INLET PROTECTION (TC-2514)
    ALL INLET WHICH RECEIVE RUNOFF UNDER LARGER RUNOFF REQUIRE STORM DRAIN INLET PROTECTION. SEDIMENT TRAPS, FILTER FABRIC FENCES, SAND BAG FILTERS, GRAVEL DAMS, AND OTHER SIMILAR DEVICES ARE EXAMPLES OF INLET PROTECTION WHICH MAY BE APPLIED AT SUCH LOCATIONS. IDENTIFY THE METHODS OF PROTECTING EACH INLET.
23. DEWATERING OPERATIONS (TC-2515)
    SEDIMENT TRAPPING DEVICES MUST BE PROVIDED IN ORDER TO PREVENT DISCHARGE OF POLLUTANTS IN THE STORM WATER DISCHARGE. TESTING FOR TOXIC SUBSTANCES AND PERMITTED PRODUCTS MAY BE REQUIRED FROM THE REGIONAL WATER QUALITY CONTROL BOARD IS REQUIRED.
24. VEHICLE AND EQUIPMENT CLEANING (TC-2516)
    PROVIDE WASHING AREAS FOR EQUIPMENT AND VEHICLES. STORM WATER RUNOFF WATER USE. IDENTIFY THE LOCATION THAT ALL VEHICLES AND EQUIPMENT WILL BE CLEANED. PROVIDE COLLECTION AND PROPERLY DISPOSED OF.
25. VEHICLE AND EQUIPMENT FUELING (TC-2517)
    DUST CONTROL IS REQUIRED FOR CLEARING, GRADING, CONSTRUCTION, SOIL STOCKPILING AND SITE WORK DURING DRY WEATHER. AS WELL AS FOR UNIMPROVED ROADWAYS. IDENTIFY THE METHOD BY WHICH DUST CONTROL WILL BE PERFORMED ON "TE" AND NOTE THE FREQUENCY IN WHICH IT WILL OCCUR. NON-COMPLIANCE WILL BE REPORTED TO THE DISTRICT ATTORNEY MANAGEMENT DISTRICT FOR ADDITIONAL ENFORCEMENT.
26. VEHICLE AND EQUIPMENT MAINTENANCE (TC-2518)
    ON SITE MAINTENANCE MUST BE IN A DESIGNATED DRY AREA WITH SECONDARY CONTAINMENT. SEGREGATE AND RECYCLE ALL VEHICLE WASTE AND EQUIPMENT. DO NOT ALLOW GROUND SPILLS OR DISCHARGE INTO STORM WATER. IDENTIFY THE LOCATION, MAINTENANCE ACTIVITIES WILL BE PERFORMED AND THE METHOD OF CONTAINMENT.
27. SIGNEPLANTING (C-2519)
    PROVIDE SIGNEPLANTING SHOULD BE SCHEDULED IN ORDER TO REDUCE THE SITE EROSION POTENTIAL. MANAGE DISTURBANCE OF HIGHLY ERODIBLE AREAS. PLAN AROUND HEAVY RAINS AND SLOPE PROVISIONS FOR YEAR ROUND STABILIZATION.
28. SEEDING AND PLANTING (TC-2520)
    SEEDING AND PLANTING IS REQUIRED FOR SOIL STABILIZATION FOR SLOPED AREAS AND DISTURBED GROUND. SUCH STABILIZATION MAY BE NECESSARY AS A TEMPORARY MEASURE FOR SHORTER SPELL.
29. TEMPORARY STREAM CROSSING (TC-2521)
    A TEMPORARY CULVERT, FORD OR BRIDGE IS REQUIRED FOR ALL STREAM CROSSINGS AND SHALL BE IN USE FOR A PERIOD NOT TO EXCEED ONE YEAR. CROSSING MUST BE PROVIDED THE ALL PERENNIAL AND INTERMITTENT STREAMS.
30. CONSTRUCTION ROAD STABILIZATION (TC-2522)
    ALL PRIVATE ROADS AND PARKING AREAS REQUIRE STABILIZATION BY THE APPLICATION OF ROCK, SEDIMENT OR OTHER FORMS OF DUST CONTROL, OR PAVING. MAINTENANCE AND NECESSARY POST CONSTRUCTION BMP'S ARE REQUIRED FOR ALL ROADWAYS.
31. PAVING OPERATIONS (TC-2523)
    WHERE PAVING WILL OCCUR ON PRIVATE PROPERTY, PROPER PRECAUTIONS AND PROCEDURES MUST BE PERFORMED TO ENSURE THAT POLLUTANTS DO NOT BECOME DEPOSITED INTO THE STORM RUNOFF AND THAT ALL SPILLS WASTES AND PRODUCTS FROM VARIOUS ACTIVITIES ARE DISPOSED OF PROPERLY.

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 COUNTER, 900 SOUTH FREMONT AVENUE, 6TH FLOOR, ALHAMBRA, AT LEAST 72 HOURS PRIOR TO STARTING WORK UNDER THIS CONTRACT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS, ETC. MUST BE FILED WITH THE PERMIT APPLICATION.
2. PRIOR TO ISSUANCE OF ANY PERMIT, THE CONTRACTOR SHALL FILE 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 OF PUBLIC WORKS NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
3. IF WORK IS TO BE DONE ON A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
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 AN ACCEPTABLE CONSTRUCTION START DATE AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (626) 958-3129 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
6. APPROVAL OF 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, 1988 EDITION", INCLUDING SUPPLEMENTS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, DATED JULY 31, 1989, 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 REGARD TO SAFETY ORDERS AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENTS" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD D-2.
9. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
10. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
11. NO REPRESENTATIONS OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THIS 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 STREETS, OR CENTERLINE 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.
13. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STAKING FOR ALL HOUSE LATERALS AND "Y" OR "T" 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. (IN SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
14. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.

CONSTRUCTION NOTES:

1. PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
2. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "O" OR "Q" PER STANDARD SPECIFICATIONS SECTION 208-2.
3. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN S-23, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
4. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 208-2.
5. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT THE PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
6. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE 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 MAINLINE OR HOUSE LATERAL, V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER STANDARD PLAN S-23, CASE II, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS. *THE PIPE MAY THEN BE TWENTY FEET COVER.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN S-3 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN S-36, OR REINFORCED PRECAST CONCRETE MANHOLE PER STANDARD PLAN S-6, EXCEPT AS NOTED.
9. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
10. FULL COMPLIANCE WITH SECTION 306-1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE
11. ALL BACKFILL AND FILLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM SOIL COMPACTION TEST D 1557-78 METHOD "D" UNLESS OTHERWISE SPECIFIED. THIS SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. THIS CERTIFICATION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO ACCEPTANCE OF THE WORK BY THE COUNTY.
12. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
14. WHERE BARE BRICK IS EXPOSED ON INSIDE OF MANHOLE, HOUSE LATERAL SHOULD BE JOINED TO ORIGINAL WYE & BRICK PER STD. PLAN S-27.
15. PROVIDE SPECIAL MANHOLE BACK PER STD. PLAN S-16 WHERE MANHOLE IS DEEPER THAN 13 FEET.

RECORD PLANS

PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT NO. 46801

PAGE 1

PRIVATE CONTRACT NO. 11148

INDEX 2305
1 SHEET ; 2 PAGES

SCALE: VERT. 1"=5' HORIZ. 1"=40' OCTOBER 10, 1999

PREPARED IN THE OFFICES OF
ENGLES, SHEN & ASSOCIATES, INC.
111 CORPORATE CENTER DRIVE #202, MONTEREY PARK, CA 91754
TEL NO. (323) 266-0866

BY: [signature]
REG. C.E. No. 18906

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	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
REINFORCED PRECAST CONCRETE MANHOLE	S-6
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRADLING AND ENCASEMENT	S-23
WYE OR TEE SUPPORT	S-25
ALLOWABLE TRENCH WIDTHS	S-33
LOCKING MANHOLE FRAME AND COVER	S-35
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-36

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF AVAILABLE RECORDS. THERE ARE NO GUARANTEES OF THEIR ACCURACY. 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 ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS MAP. 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 MR. RAY CUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-800-748-6671 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

COUNTY OF LOS ANGELES, CALIFORNIA

HARRY W. STONE
DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY
CHIEF ENGINEER

CO. SAN DIST. NO. 21

APPROVED [signature] 1-4-00 (DATE) APPROVED [signature] 1/3/2000 DISTRICT ENGINEER

CHECKED [signature] 1-4-00 (DATE)

REG. C.E. NO. 5541

LA PUENTE BLDG. DIST. 2

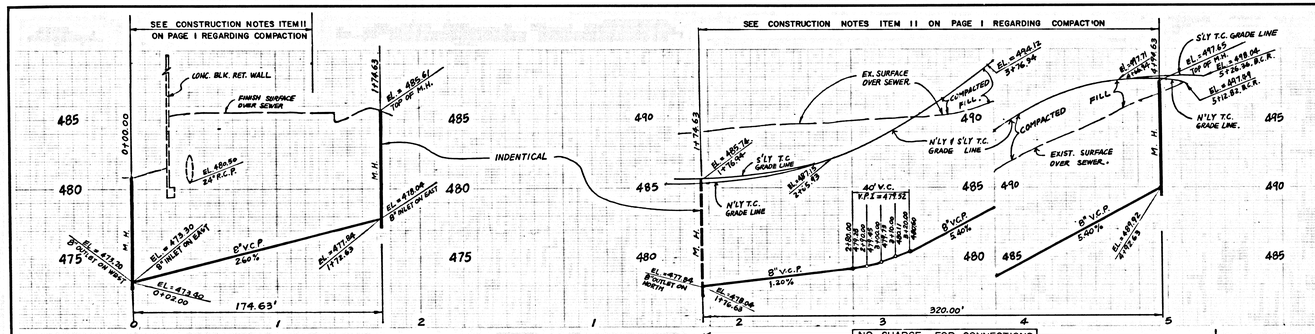
56155

P.C. 11148 PAGE 2

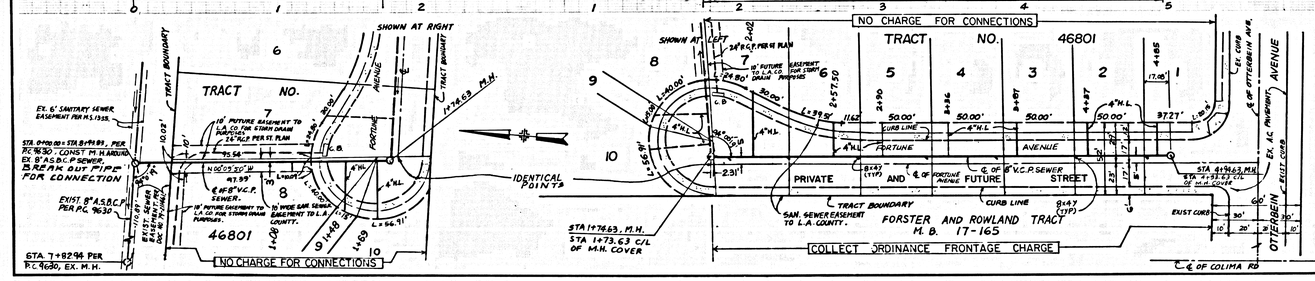
REVIEWED BY [signature] 1/4/00 DATE

SEE COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES (562) 699-7411 EXT. 2727

COLLECT CHARGES AS INDICATED



RECORD PLANS



NOTE:
BACKWATER VALVES MAY BE REQUIRED ON LOTS 1,2,3,4,5,6,7 AND 9.

56156

L.A. COUNTY SURVEY SHEET NO. 1 G.M. Jr. (213) 690-8440 4/90

P.C. 11148

LB. NO. 46801