

B.M. C.G. 3918 ELEV. 624.971
 R.D.B.M. TAG IN CB 54 FT. E/O
 B.C.R. 25 FT. S AND 100 FT. E/O
 INTERSECTION OF DIAMOND BAR BLVD.
 AND SUNSET CROSSING ROAD.
 CITEBEIN QUAD. 19 52.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE 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 1-800-422-4132 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

Ed J. Pelt
 REGISTERED ENGINEER E.P. 93189
 C.E.E. NO. 12907

GENERAL NOTES CONT.

CONSTRUCTION NOTES CONT.

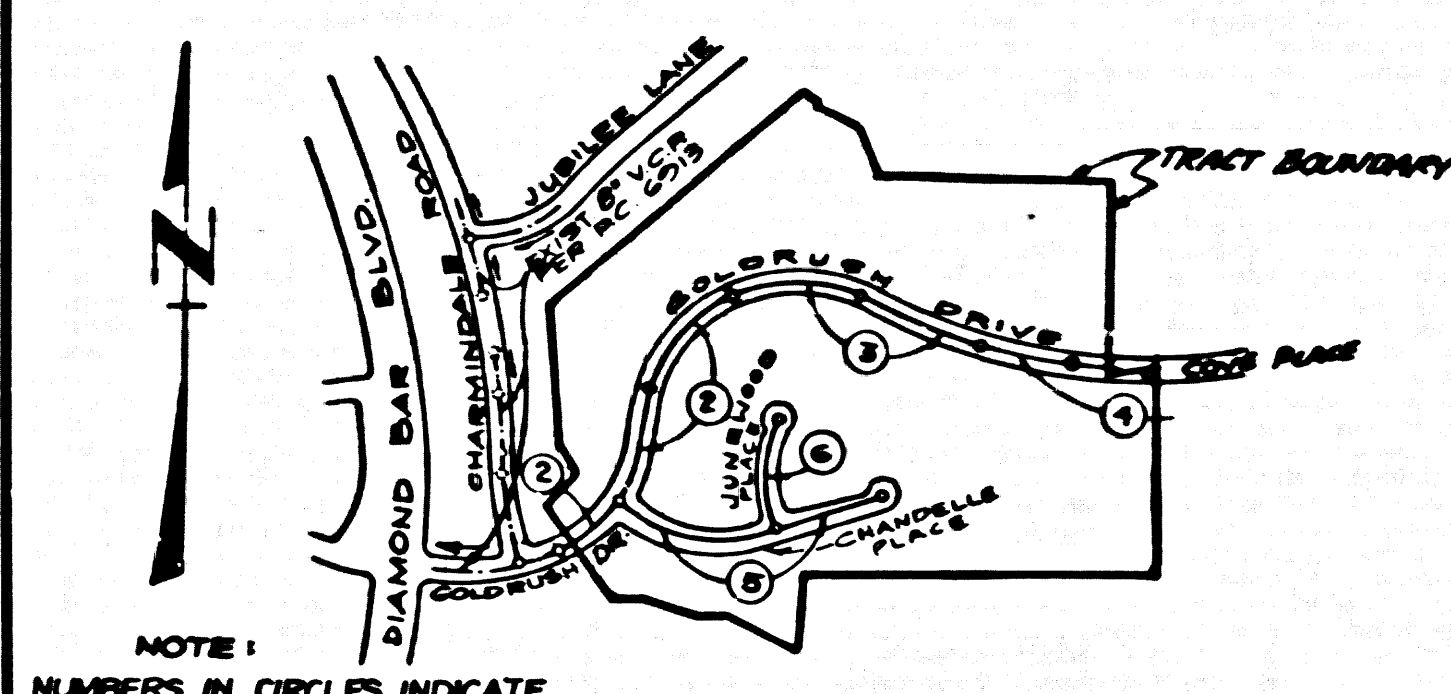
16. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.S.S. COMPOSITE PIPE.
17. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.S.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
18. A.S.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.S.S. COMPOSITE MAINLINE SEWER PIPE.
19. A.S.S. COMPOSITE PIPE SHALL BE USED IN CONFORMANCE WITH THE TABLE IN SECTION 8.1.1 OF PART IV OF THE SPECIAL PROVISIONS.
20. THREE DEGREE DEFLECTION COUPLERS ARE REQUIRED FOR HOUSES OF CONSTRUCTION LESS THAN 300 FEET WHEN USING A.S.S. COMPOSITE PIPE.
21. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.S.S. COMPOSITE PIPE IS USED.
22. WHERE LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BENDING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.S.S. COMPOSITE PIPE.
23. ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET AWAY AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
24. A.S.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.
25. ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A.S.S. COMPOSITE MAINLINE SEWER PIPE.

GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1988.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIV. OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DIV. OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. GRADES TO WHICH THE IMPROVEMENTS ARE TO BE CONSTRUCTED ARE SHOWN BY CURBS 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 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 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 MAINLINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAINLINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
6. THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS WITH A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CENTERLINE OF THE STREET TO THE CENTERLINE OF THE MAINLINE SEWER AND A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CENTERLINE OF THE STREET TO THE CENTERLINE OF THE MAINLINE SEWER AND A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CENTERLINE OF THE STREET TO THE CENTERLINE OF THE MAINLINE SEWER.
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CENTERLINE OF THE STREET TO THE CENTERLINE OF THE MAINLINE SEWER AND A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CENTERLINE OF THE STREET TO THE CENTERLINE OF THE MAINLINE SEWER.
8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 130 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 7.10.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERING.
11. 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 CENTERLINE OF THE STREET TO THE CENTERLINE OF THE MAINLINE SEWER AND A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CENTERLINE OF THE STREET TO THE CENTERLINE OF THE MAINLINE SEWER AND A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CENTERLINE OF THE STREET TO THE CENTERLINE OF THE MAINLINE SEWER.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (REVISED TO 3/27/87) AND PART IV OF THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 1978 AND SHALL BE PROHIBITED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL WITHIN THE CONSTRUCTION DIV. PUBLIC WORKS DEPT. TEL. (213) 228-2881 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. WYE BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS IF A.S.S.C.P. IS USED.
6. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 8-3 OR PRECAST CONCRETE MANHOLES PER 8-3, EXCEPT AS NOTED.
7. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
8. MANHOLE TOPS IN UNIMPROVED PORTIONS OF WAY TO BE 20 INCHES ABOVE FINISHED GRADE.
9. WITTED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 208-2.
10. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 8-3, CASE 8, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
11. 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 8 UNLESS OTHERWISE APPROVED BY THE DIV. OF PUBLIC WORKS.
12. ALL JOINTS BETWEEN CAST IRON PIPE AND WITTED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" WITH BRASSING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-2.
13. ALL JOINTS BETWEEN CAST IRON PIPE & A.S.S.C.P. SHALL BE MADE WITH APPROVED FITTINGS.
14. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
15. REPAIRS TO ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
16. FULL COMPLIANCE WITH SECTION 208.1.5.4 OF THE S.D.S. & P.S. 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 PERMITTEE PRIOR TO THE RESUME OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
17. SPECIAL BACKFILL IN EASEMENT 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 GIVE THE BUILDING AND SAFETY DIVISION (B) ALL BACKFILL AND SAND EQUIVALENTS SHALL BE COMPACTED TO A MINIMUM OF 95% OR MAXIMUM DEFLECT PER A.S.S. STD. METHOD OF TEST DMS BY AS MODIFIED, ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIV. PUBLIC WORKS DEPT.



INDEX MAP
 P.C. 10531, TR. NO. 43435
 SCALE 1" = 600'

DOUBLE SCALE

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTE 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 UP TO 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.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN
TRACT NO. 43435

PRIVATE CONTRACT NO. 10531
 U-148
 3 SHEETS, 6 PAGES
 SCALE: VERT. 1" = 8'
 HORIZ. 1" = 50'
 JUNE, 1986
 PREPARED IN THE OFFICES OF
PEFFLER & ASSOCIATES ENGINEERS
 1557 N. COMMONWEALTH AVE. FULLERTON, CALIFORNIA 92633
 BY: *Ed J. Pelt*
 REG. C.E. NO. 12907

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:

LEADIN	8-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
BRICK MANHOLE	8-4
STANDARD MANHOLE STEP	8-7
BRICKS FOR SEWER PIPE	8-8
CHANGING AND BIGHAMING	8-9
WYE OR TEE SUPPORT	8-10
ALLOWABLE TRENCH WIDTHS	8-11
LOADING MANHOLE FRAMES AND COVERS	8-12
NON-REINFORCED PRECAST CONCRETE MANHOLE	8-13

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR
 DEPARTMENT OF PUBLIC WORKS
 APPROVED: *Ed J. Pelt* 2/27/87
 CHECKED: *Ed J. Pelt* 2/27/87
 REG. C.E. NO. 16881
 SAN DIMAS BLDG. DIST. 10

