

B.M. OF 2001 ELEV. 44.999  
 1 1/2" x 1 1/2" IN W.C. OF 18" DIAMETER AND  
 20 FT W.C. ON W. END OF 20' x 20' OF  
 GARDENA QUAD 19 82

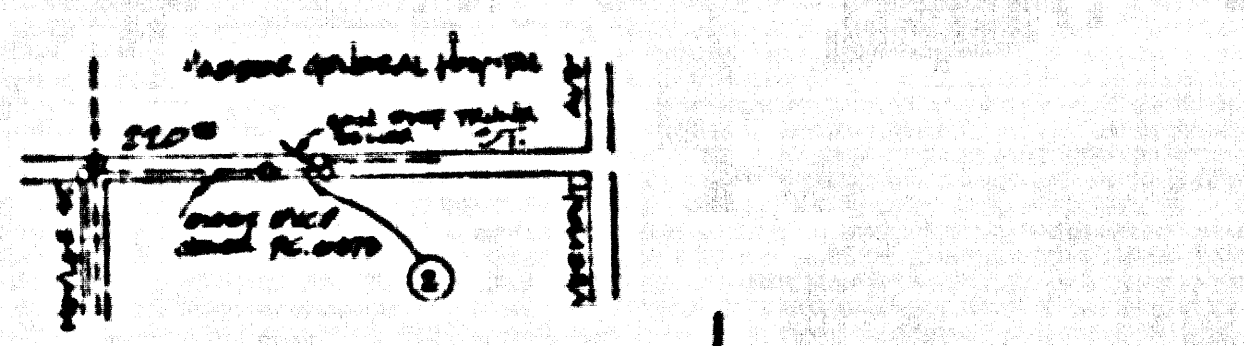
**PRIVATE ENGINEERS NOTICE TO CONTRACTORS**

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. CONTRACTOR TO NOTIFY UNDERGROUND SERVICE ALERT AT (800) 485-4100 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

*Edward G. Shweiri*  
 EDWARD G. SHWEIRI R.C.E. 11284

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 (310) 638-1161 SO THAT REQUIRED INSPECTION CAN BE MADE.



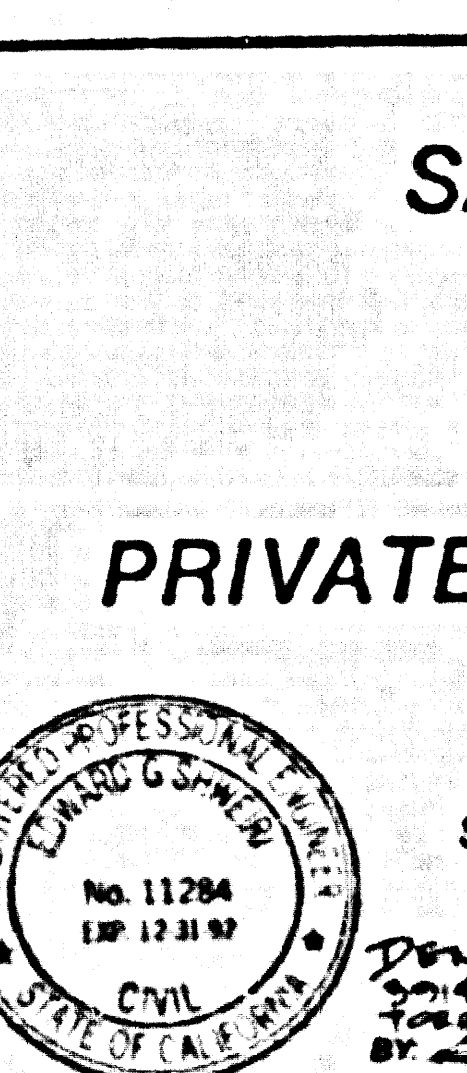
INDEX MAP  
 PC 11213  
 SCALE: 1"=600'  
 DATE: 05-15-92  
 DRAWN BY: A-1  
 NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS.

**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 COUNTY OFFICE AND TO THE COUNTY ENGINEER'S OFFICE. A PERMIT TO EXCAVATE SHALL BE OBTAINED FROM THE COUNTY ENGINEER'S OFFICE PRIOR TO THE START OF WORK UNDER THE CONTRACT. CONTRACT COPIES OF ALL CITY ORDINANCES PERTAINING TO SEWER CONSTRUCTION SHALL BE MADE BY THE CONTRACTOR.
2. PRIOR TO COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL FILE A PERMIT FOR INVESTIGATION AND TRACING FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY WITH CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SUCH INVESTIGATION AND TRACING.
3. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS AND COUNTY ENGINEER'S OFFICE FOR INDUSTRIAL CALIFORNIA.
4. SEWER WORK IS UNDER A CONTRACT ONLY. THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO BE EXCAVATED.
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 (800) 485-4100 AT LEAST FIFTEEN (15) DAYS BEFORE STARTING 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 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, THE SEWERAGE AND SANITATION DISTRICTS AND THE SPECIAL PROVISIONS FOR THE COUNTY OF LOS ANGELES, AS AMENDED BY RESOLUTIONS PASSED JULY 21, 1989 AND SHALL BE RECONSTRUCTED IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS ENGINEERS.
8. THE CONTRACTOR'S ATTENTION IS DRAWN TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, THE SEWERAGE AND SANITATION DISTRICTS AND THE SPECIAL PROVISIONS FOR THE COUNTY OF LOS ANGELES, AS AMENDED BY RESOLUTIONS PASSED JULY 21, 1989 AND SHALL BE RECONSTRUCTED IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS ENGINEERS.
9. EXCAVATIONS ARE TO BE MADE TO A MINIMUM OF 4 FEET BELOW THE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
10. NO REPAIRS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
11. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
12. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON THESE PLANS AND PROFILES. SEWER WORK SHALL BE CONSTRUCTED TO THE GRADES SHOWN UNLESS OTHERWISE SPECIFIED. THE GRADES SHALL BE ESTABLISHED AS TO CORRESPOND TO A STRAIGHT LINE UNDER THE PROPOSED SEWERAGE AND SANITATION DISTRICTS.
13. THE CONTRACTOR SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH SUFFICIENT BENCH MARKS AND STATIONING FOR ALL EXCAVATIONS AND "C" POINT MARKERS AND SHALL FURNISH STAKES FOR THEM AT THEIR PROPER LOCATIONS WITHIN A TOLERANCE OF +/- 1/8" TO THE GRADES SHOWN. ALL EXCAVATIONS SHALL BE CONSTRUCTED TO THE GRADES SHOWN UNLESS OTHERWISE SPECIFIED. THE GRADES SHALL BE ESTABLISHED AS TO CORRESPOND TO A STRAIGHT LINE UNDER THE PROPOSED SEWERAGE AND SANITATION DISTRICTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SUCH INVESTIGATION AND TRACING.
14. THE SEWER 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. EXISTING SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE OF THE CONSTRUCTION OF EACH MANHOLE.
2. UNFINISHED CLAY PIPE JOINTS SHALL BE TYPE "B" OR "C" PER STANDARD SPECIFICATIONS SECTION 200-3.
3. A HOUSE POLE IS TO BE PLACED THREE FEET OF THE SEWER. THE SEWER SHALL BE ENCASED FOR STANDARD PLAN 8-B. CASE A TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
4. ALL JOINTS BETWEEN CLAY PIPE JOINTS SHALL BE MADE WITH A RUBBER ELASTIC JOINT TYPE "B" WITH SUFFICIENTLY PER STANDARD SPECIFICATIONS SECTION 200-3.
5. HOUSE LATERALS TO BE CONSTRUCTED WITH JOINTS AT THE PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
6. USE OF THE BRANCHED MAY BE USED FOR CONNECTIONS TO ADJACENT AREAS 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 SEWER LINE OR HOUSE LATERAL, IT SHALL BE PROTECTED BY A CONCRETE OR METAL ARCH OR SHALL BE ENCASED PER STANDARD PLAN 8-B. CASE A UNLESS OTHERWISE SPECIFIED BY THE DIRECTOR OF PUBLIC WORKS.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN 8-B OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN 8-B OR REINFORCED PRECAST CONCRETE MANHOLES PER STANDARD PLAN 8-B, EXCEPT AS NOTED.
9. REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS AS ACCORDANCE WITH THE PERMITS.
10. THE CONTRACTOR SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH SUFFICIENT BENCH MARKS AND STATIONING FOR ALL EXCAVATIONS AND "C" POINT MARKERS AND SHALL FURNISH STAKES FOR THEM AT THEIR PROPER LOCATIONS WITHIN A TOLERANCE OF +/- 1/8" TO THE GRADES SHOWN. ALL EXCAVATIONS SHALL BE CONSTRUCTED TO THE GRADES SHOWN UNLESS OTHERWISE SPECIFIED. THE GRADES SHALL BE ESTABLISHED AS TO CORRESPOND TO A STRAIGHT LINE UNDER THE PROPOSED SEWERAGE AND SANITATION DISTRICTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SUCH INVESTIGATION AND TRACING.
11. ALL EXCAVATIONS AND PILES OUTSIDE OF STREET RIGHT-OF-WAY SHALL BE CONFINED TO 20% OF MAXIMUM DEPTH AS DETERMINED BY THE COUNTY ENGINEER'S OFFICE. ALL EXCAVATIONS SHALL BE CONFINED TO 20% OF MAXIMUM DEPTH AS DETERMINED BY THE COUNTY ENGINEER'S OFFICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SUCH INVESTIGATION AND TRACING.
12. MANHOLES SHALL BE CONSTRUCTED TO A MINIMUM OF 4 FEET BELOW THE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
13. SEWERS TO BE INSTALLED PER SECTION 200-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.



PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
 220<sup>th</sup> STREET  
 E/O MEYLER STREET  
**PRIVATE CONTRACT NO. 11213**  
 INDEX 1705  
 1 SHEET OF 2 PAGES

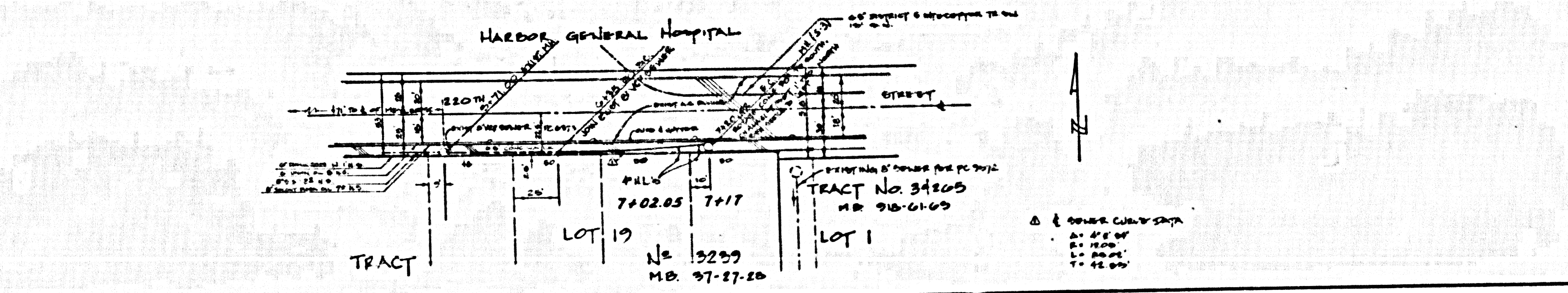
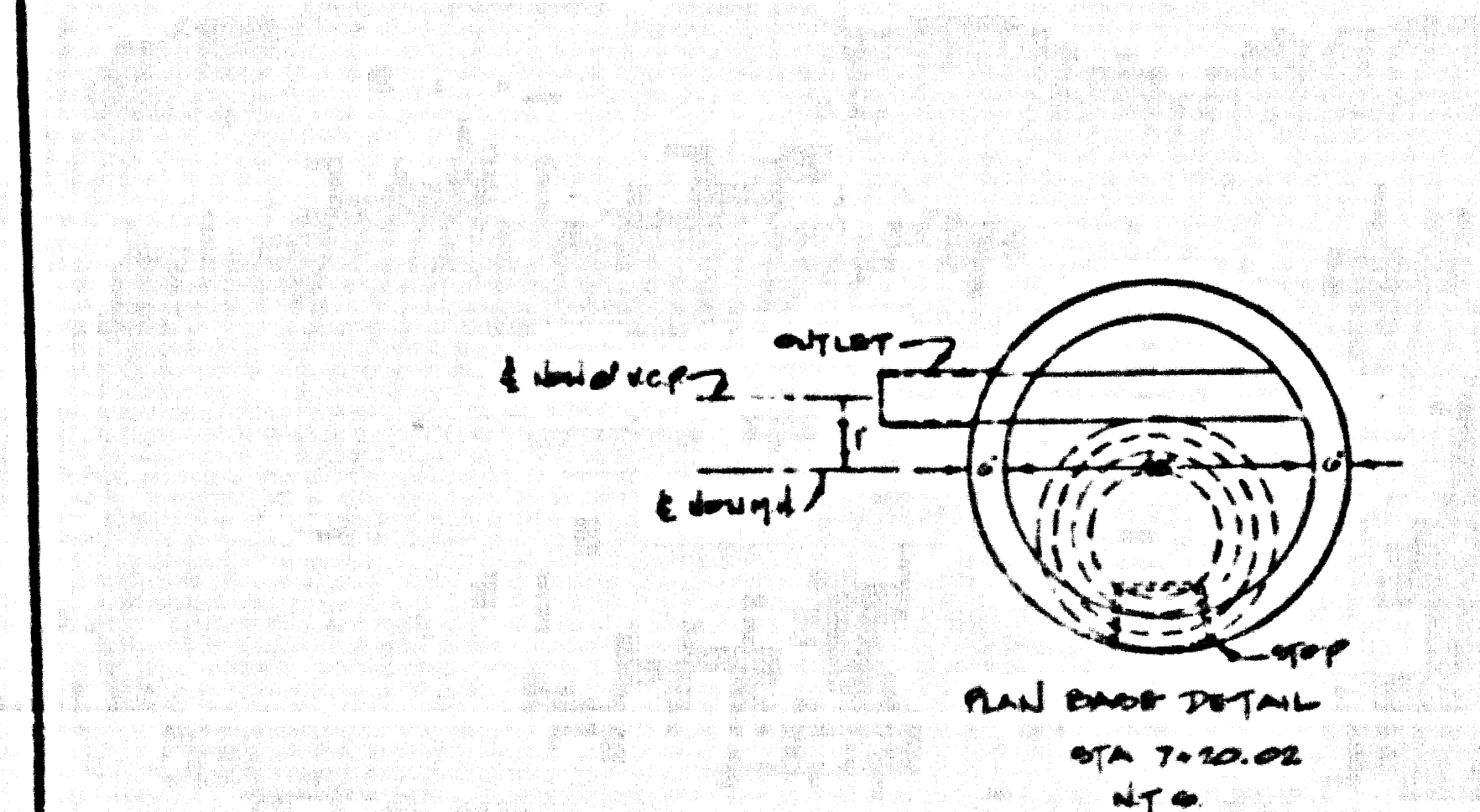
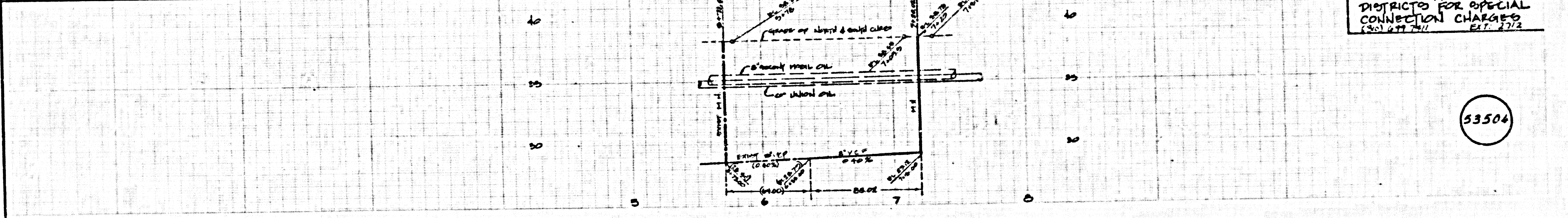
SCALE: HORIZ. 1"=60'  
 VERT. 1"=10'  
 MAY 1992  
 PREPARED IN THE OFFICES OF  
 CIVIL ENGINEERS  
 214 DE LA BARRA ST. #214  
 LOS ANGELES, CA 90012  
 BY: *Thomas W. Hayward*  
 REG. C.E. NO. 11284

THE FOLLOWING LIST REVISED BY STANDARD PLANS OR FILED IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY TO THE CONSTRUCTION OF THIS PROJECT

LOADING	0-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	0-2
SEWER MANHOLES	0-3
REINFORCED PRECAST CONCRETE MANHOLE	0-4
STANDARD MANHOLE STEP	0-5
SEWERAGE AND SANITATION DISTRICTS	0-6
CASTING AND ENCASEMENT	0-7
USE OF THE SURVEY	0-8
ALL OTHERS PRECAST MANHOLES	0-9
LOADING MANHOLES FRAME AND COVER	0-10
NON-REINFORCED PRECAST CONCRETE MANHOLE	0-11

COUNTY OF LOS ANGELES, CALIFORNIA  
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS  
 CHARLES W. CARRY, CHIEF ENGINEER  
 APPROVED *Thomas W. Hayward* 5/15/92  
 CHECKED *Thomas W. Hayward* 5/15/92  
 REG. C.E. NO. 11284  
 LOMITA, BLDG. DIST. 12

CONTRACTOR SHALL VERIFY  
 INVERT ELEV. AT 0+55.00



P.C. 11213 PAGE 2 OF 2  
 REVIEWED BY *Scott G. Kelly* 5/15/92  
 NO LA COUNTY CHARGE FOR CONNECTION  
 SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES  
 (310) 638-1161 EST. 2723

1  
 11213  
 2 SHEETS  
 MEYLER STREET  
 2 SHEETS  
 E/O MEYLER STREET  
 2 SHEETS  
 550