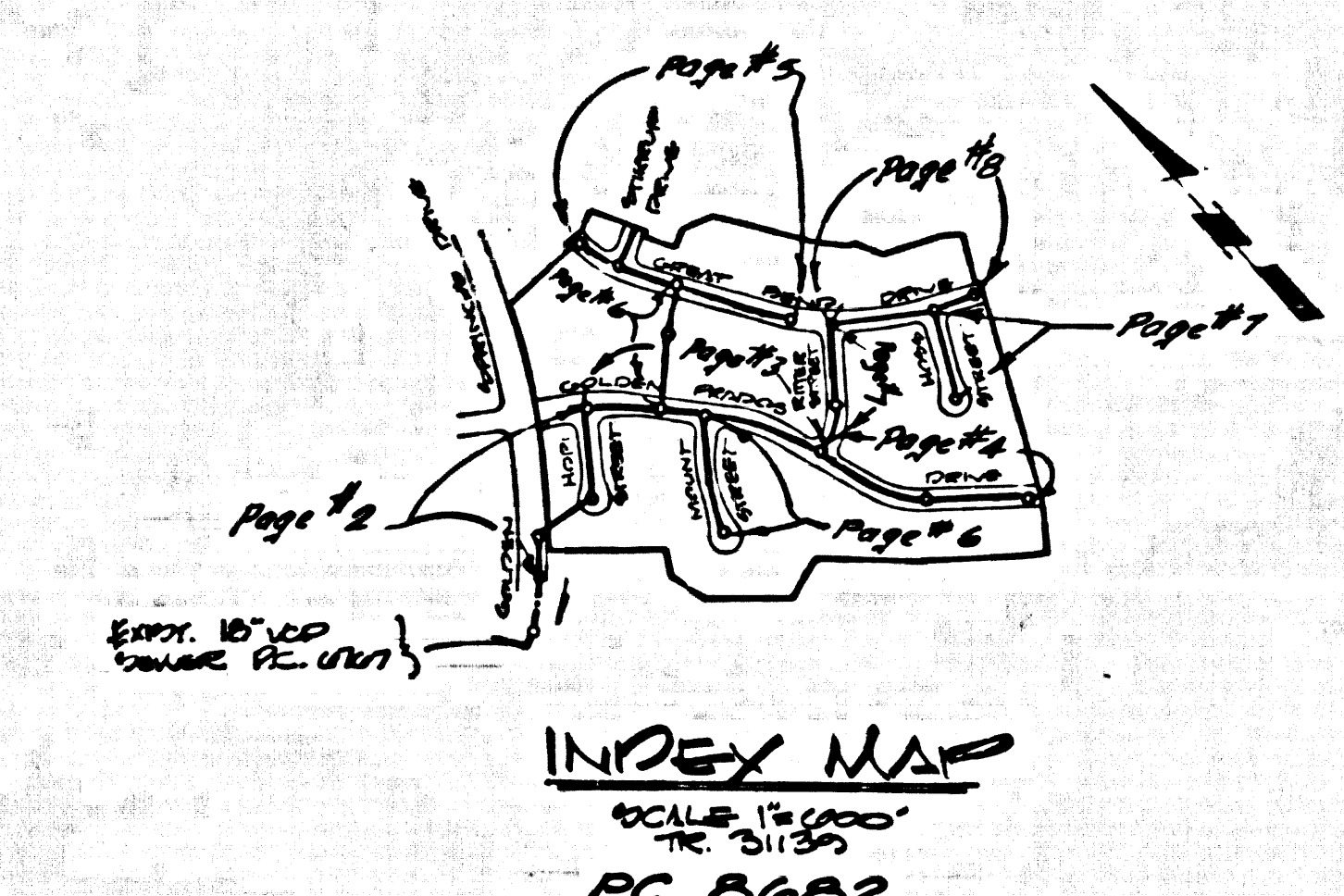
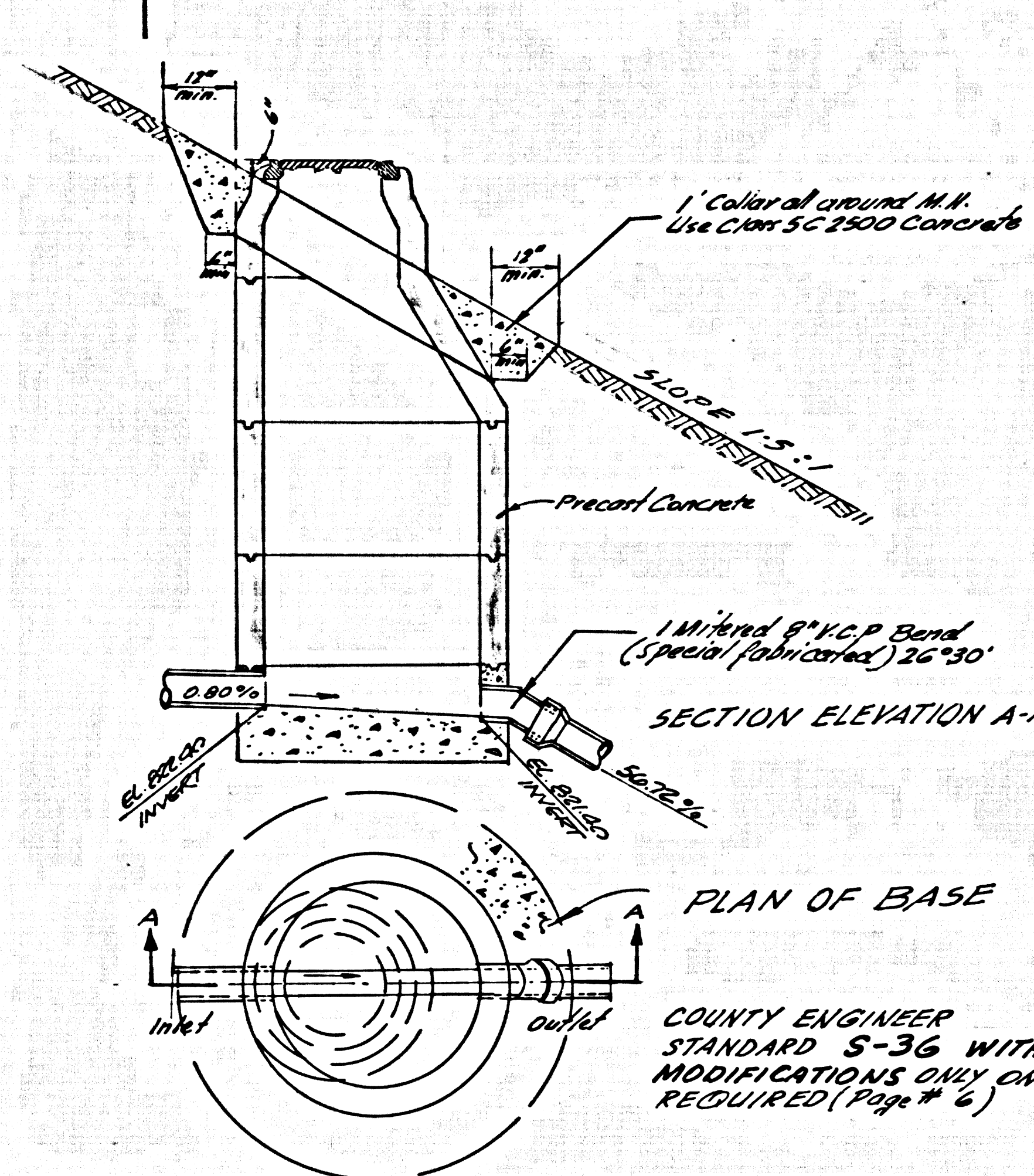


B.M. B.G. 2127 ELEV. 841.616
 ROB.N. TAG IN CTR CONC. WALK.
 77 E. CL. DIAMOND BAR BLVD.
 1433 FT S.W. GARDENA DRIVE
 OTERBEIN QUAD. 19.72.



REVISION NO. 1 (DATE) MAY 16, 1972
 CONSTRUCT 48" V.C.R. VERTICAL CURVE OVER EXISTING
 6" C.M.P. FROM STA. 0+35 TO 0+55 VIEW B
 APPROVED *Thomas E. Howard*
 OFFICE OF THE COUNTY ENGINEER/R.E. NO. 19156

CONSTRUCTION NOTES CONT.
 15. SPECIAL BACKFILL IN DESIGNATED AREAS
 (A) BACKFILL TRENCH AND REPLACE OTHER BIRTH REMOVED AND
 TO ACHIEVE THE NATURAL OR IMPROVED SURFACE & SLOPED SHOWN
 ON THE GRADING PLAN APPROVED FOR THIS TRACT BY THE BUILDING &
 SAFETY DIVISION.
 (B) ALL BACKFILL & BIRTH REPLACED SHALL BE COMPACTED TO A MIN.
 OF 90% OF MAX. DENSITY FOR ASTM #100. METHOD OF TEST SHALL BE MODIFIED.
 ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.

DOUBLE SCALE

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. GRADE, TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE 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.
 5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAGES FOR THESE AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED ON 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 INDICATED BY THE PRIVATE ENGINEER.
 6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DRYPIPE 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. 1, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 288, COUNTY ENGINEERING BUILDING, 100 WEST SECOND STREET OR 224 E. BROADWAY, S.A. DIMAS - REGIONAL OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 8. 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.
 9. 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.
 10. REFER TO SECTION 7-10-6.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1028 e o 038-1181)
 No connections for the disposal of industrial wastes shall be made to sewers above or through elevators without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

CONSTRUCTION NOTES:
 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1970 EDITION) WITH 1972 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 2, 1972 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, WARDEN 9-4747, EXT. 8123, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THE CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 4. "Y" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 5. ALL STRUCTURES SHALL BE OTHER BRICK MANHOLES PER 8-3 ON PRECAST CONCRETE MANHOLES PER 8-36, EXCEPT AS NOTED.
 6. PROVIDE STAGES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 8. INTERFERE WITH JOINTS SHALL BE TYPE "T" OR "Y" OF THE STANDARD SPECIFICATIONS SECTION 800-2.
 9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 8-23, CASE II, 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 MAIN LINE OR HOUSE LATERAL V.C.R. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-23, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "B", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-2.
 12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-2.2 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OF CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 14. FULL COMPLIANCE WITH SECTION 200-1.9, 3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREET. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENT BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1

TO BE CONSTRUCTED IN
TRACT NO 31139
PRIVATE CONTRACT NO. 8682

W.S. 39
 4 SHEETS; 2 PAGES
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40'
 NOVEMBER, 1971
 PREPARED IN THE OFFICES OF
TOUPS ENGINEERING INC.
 1229 PULVER BLVD.
 TUSTIN, CALIFORNIA
 BY: *J. Dr. Drabell*
 REG. C. E. NO. 14814

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

| | | |
|--------------|---|------|
| SECTION 8-3 | MINIMUM PUBLIC SAFETY REQUIREMENTS | 8-3 |
| SECTION 8-3 | BRICK MANHOLE | 8-3 |
| SECTION 8-37 | STANDARD MANHOLE STEP | 8-37 |
| SECTION 8-37 | REINFORCING FOR SEWER PIPE | 8-37 |
| SECTION 8-37 | CRADLING AND ENCASEMENT | 8-37 |
| SECTION 8-36 | WYE ON THE SUPPORT | 8-36 |
| SECTION 8-36 | ALLOWABLE TRENCH WIDTHS | 8-36 |
| SECTION 8-38 | LOCKING MANHOLE FRAME AND COVER | 8-38 |
| SECTION 8-36 | NON-REINFORCED PRECAST CONCRETE MANHOLE | 8-36 |
| SECTION 8-24 | CONCRETE ANCHOR BLOCK | 8-24 |

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER
 JOHN D. PARKHURST, CHIEF ENGINEER
 APPROVED *Thomas E. Howard*
 REGIONAL ENGINEER
 APPROVED *J. Dr. Drabell*
 COUNTY ENGINEER
 CHECKED *Thomas E. Howard*
 DATE: 11/15/71
 REG. C. E. NO. 19156
 EDWIN DIMAS BLDG. DIST. NO. 10 J. N. OBERG

