

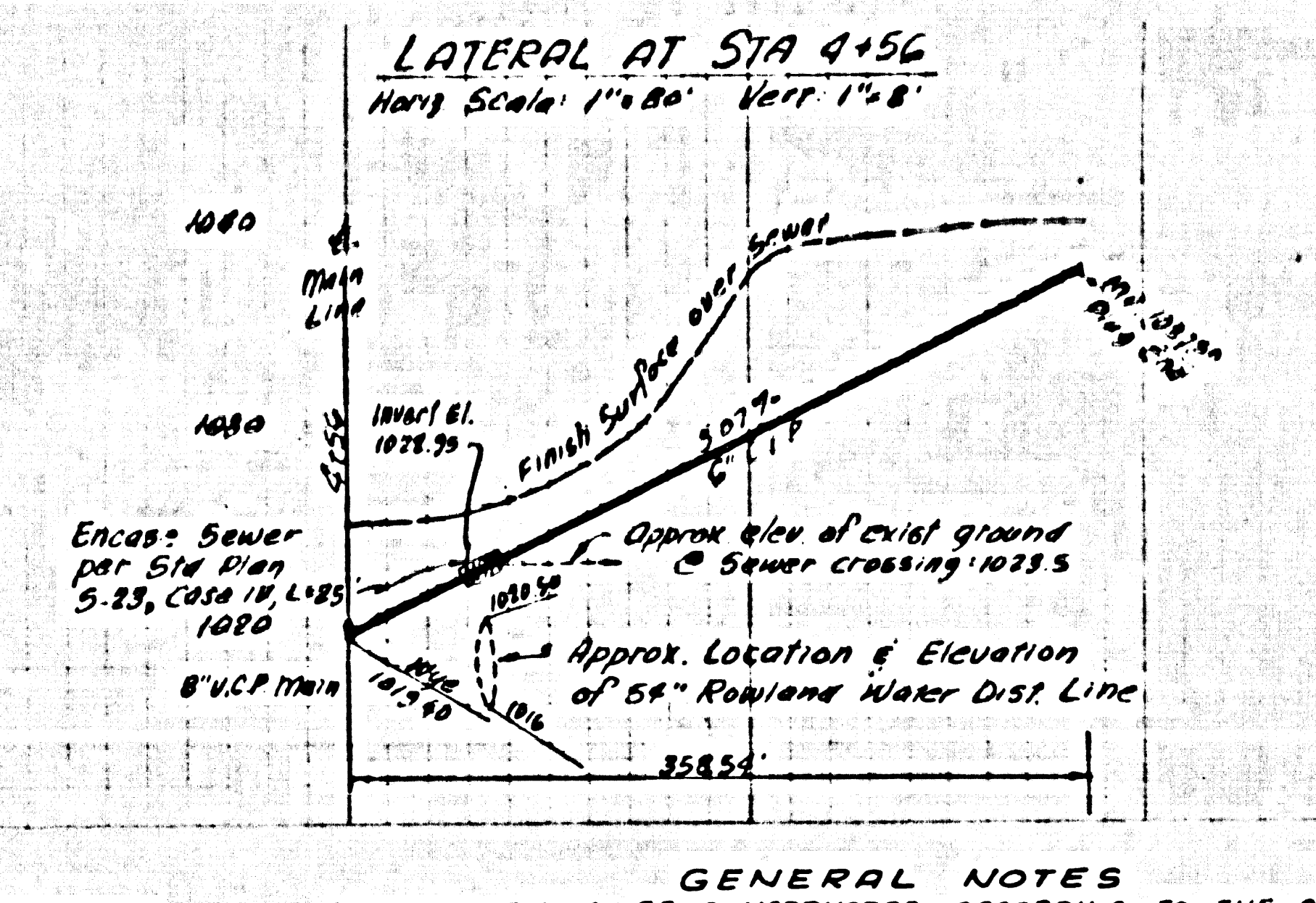
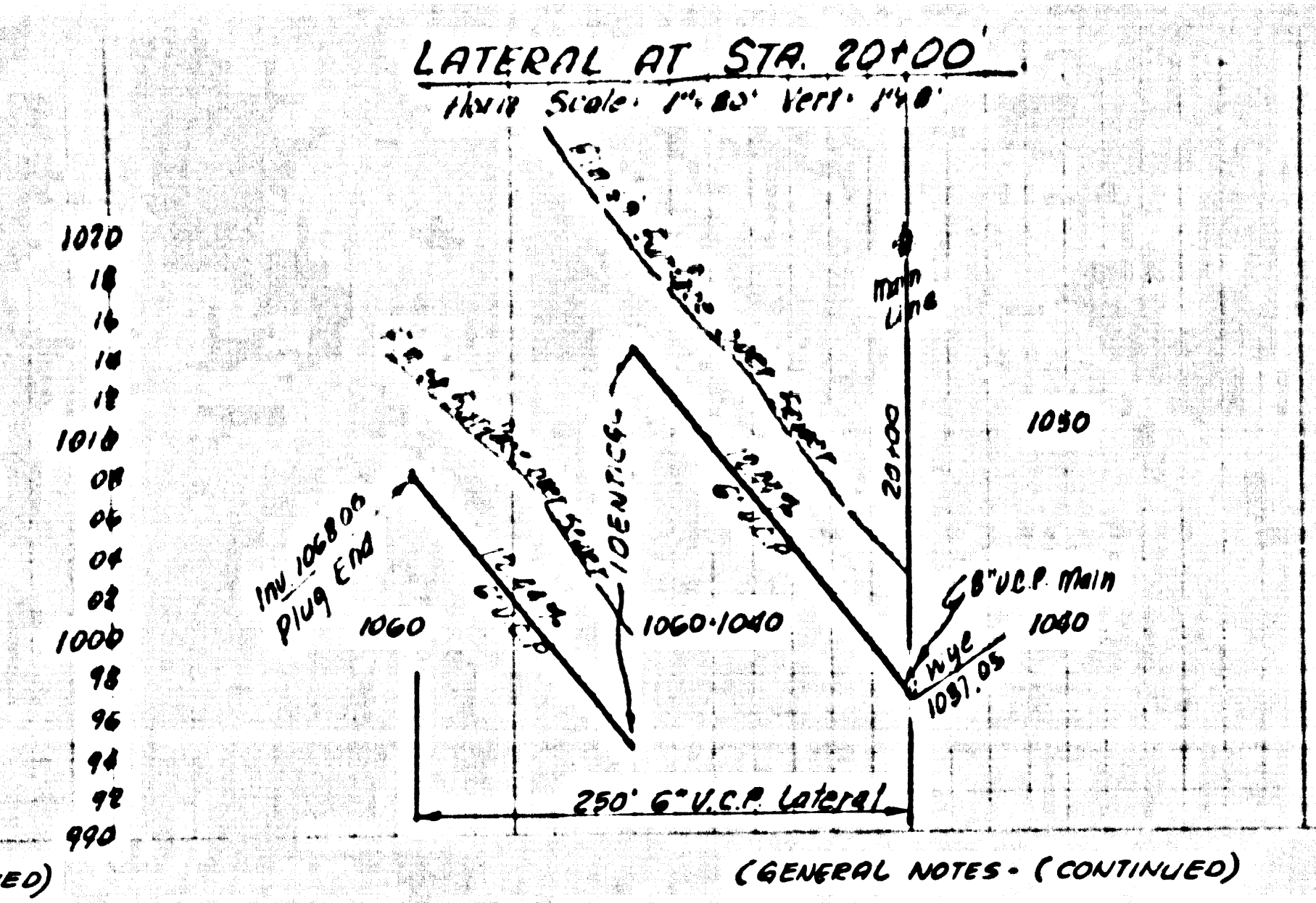
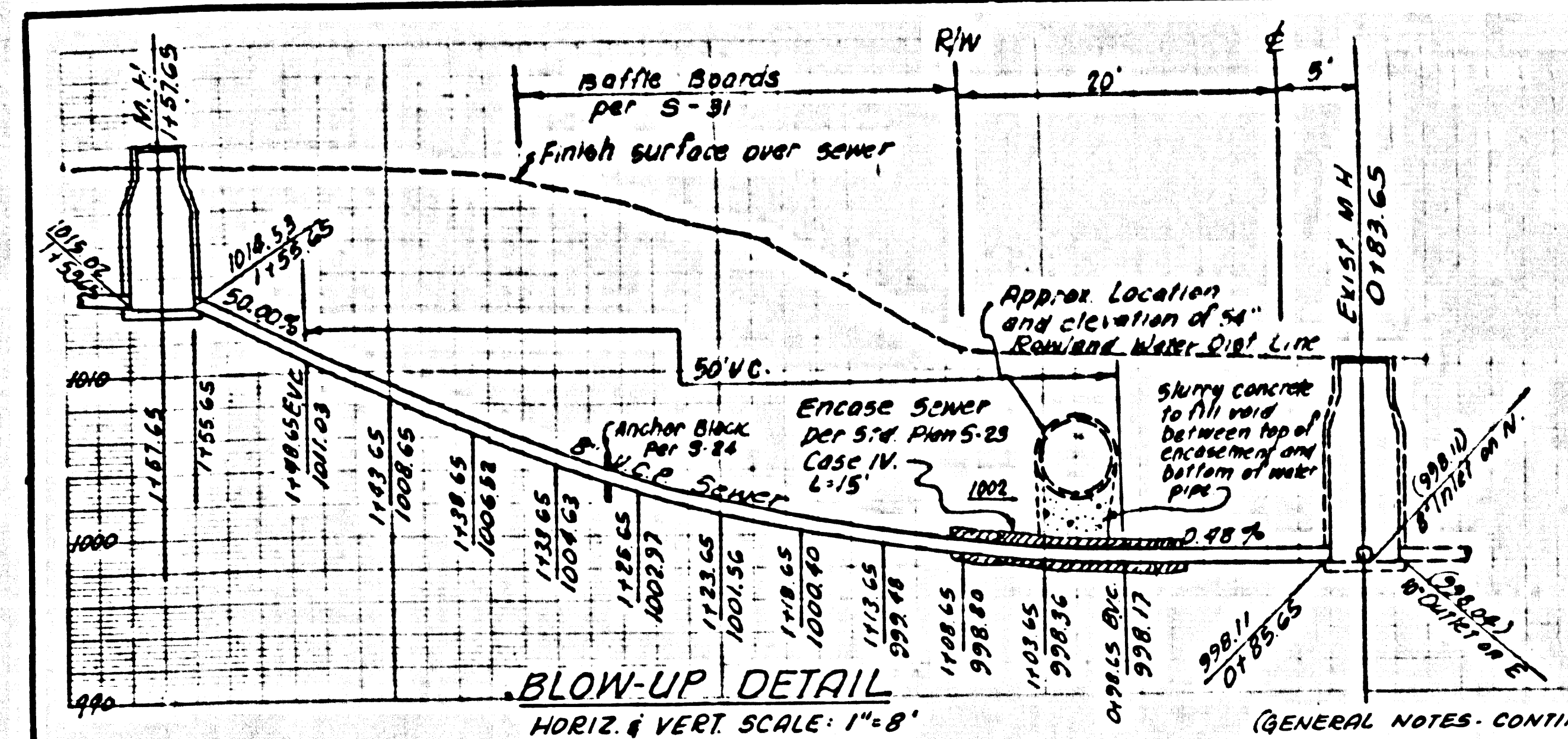
PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED FOR  
 MOUNTAIN MEADOWS GOLF COURSE  
**CASH CONTRACT NO. 9110**

W.S. 49  
 ONE SHEET  
**"AS BUILT"**  
 SCALE: VERT. 1"=8'  
 HORIZ. 1"=80' APRIL 1975  
 PREPARED IN THE OFFICES OF  
**GEORGE GALANIS & ASSOCIATES**  
 BY *George Galanis*  
 REGISTERED C.E. NO. 15679

THE FOLLOWING LATEST REVISED SPECIFICATIONS ON FILE  
 IN THE OFFICE OF COUNTY ENGINEER SHALL APPLY IN THE  
 CONSTRUCTION OF THIS PROJECT.

LEGEND	
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-1
BEICK MANHOLE	5-2
MANHOLE STEP	5-3
BEDDING FOR SEWER PIPE	5-17
SPECIAL SUPPORT AND PROTECTION	5-21
CRADLING AND ENCASEMENT	5-23
STANDARD WYE OR TEE SUPPORT	5-26
ALLOWABLE TRENCH WIDTH	5-33
LOCKING MANHOLE FRAME AND COVER	5-35
NON-REINFORCING PRECAST CONCRETE MANHOLE	5-36
DESIGN REQUIREMENTS FOR SANITARY SEWERS IN THE VICINITY OF PRESSURE WATER MAINS	5-C1
ANCHOR BLOCK	5-24
EROSION PROTECTION IN STEEP SLOPES	5-31

**COUNTY OF LOS ANGELES, CALIFORNIA**  
 HARVEY I. BRANDT, COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER  
 APPROVED *[Signature]* 6/2/75 COUNTY SAN. DIST. NO. 21  
 HEAD DESIGN BRANCH (DATE) APPROVED *[Signature]* OFFICE ENGINEER  
 CHECKED *[Signature]* 6/2/75  
 REG. C.E. NO. 10113



B.M. FB #1 ELEV. 977.14 FB. 1936/100  
 Intersection E Street & McKinley Avenue  
 Fd. C.S. 13th. D.R. 16' in well uncover  
 FB. 1834-19.  
 SAN. DIST. QUAD. 1966

- (GENERAL NOTES - CONTINUED)
- MR. JAMES VAN WAGNER OF THE CITY OF POMONA WATER DEPARTMENT (TELEPHONE 714 - 920331) IS TO BE GIVEN 24 HOURS ADVANCE NOTICE BEFORE ANY WORK COMMENCES IN THE VICINITY OF THE 54" ROWLAND DISTRICT WATER LINE IN MCKINLEY AVENUE.
  - THE EXISTENCE OF ROCK, IF ANY, THAT WOULD AFFECT TRENCHING CONDITIONS, SHOULD BE VERIFIED BY THE CONTRACTOR WITH THE SOIL ENGINEER AND GEOLOGIST FOR THE PROJECT.
  - CLEANOUT: INSTALL 6"x4" W/46 WITH PLUG FOR CLEANOUT
  - PRIOR TO TRENCH EXCAVATION, THE CONTRACTOR SHALL SUBMIT TO AND OBTAIN APPROVAL FROM THE COUNTY ENGINEER OF A DETAILED PLAN SHOWING THE DESIGN OF SHORING, BRACING, SLOPING OF OTHER PROVISIONS FOR WORKER PROTECTION FROM THE HAZARDS OF COLLAPSE GROUND, IF SUCH PLAN VARIES FROM THE SHORING SYSTEM STANDARDS ESTABLISHED BY THE CONSTRUCTION SAFETY ORDERS, IT SHALL BE PREPARED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER.

- (GENERAL NOTES - CONTINUED)
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-23, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
  - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET CITY OF POMONA REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - FULL COMPLIANCE WITH SECTION 306-15.0 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 PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
  - WHERE THE SANITARY SEWER CROSSES AN EXISTING PRESSURE WATER MAIN AND THE TOP OF THE SEWER IS LESS THAN THREE FEET, BUT MORE THAN 0.5 FEET BELOW THE BOTTOM OF THE WATER MAIN THE SEWER SHALL BE ENCASED IN CONCRETE PER 5-23, CASE IV, A HORIZONTAL CLEAR DISTANCE OF FOUR FEET ON EITHER SIDE OF THE WATER MAIN.
  - The contractor shall verify existing invert elevation of 8" V.C.P. mainline at Sta 26+33.88 (Joint) and 8" Sta. of M.H. 018365 (in McKinley Ave) respectively, before commencing construction. If found to be different than shown on plans, the County Engineer's representative shall be notified and the plans changed to conform to existing conditions.
  - THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE EXISTENCE OF A 48" METROPOLITAN WATER DISTRICT WATER LINE AND 54" ROWLAND DISTRICT WATER LINE WHICH MUST BE CROSSED AS PART OF THE SEWER MAIN CONSTRUCTIONS. THEIR APPROXIMATE LOCATION IS SHOWN ON THE PLAN. EXTREME CARE MUST BE TAKEN TO PREVENT ANY POSSIBLE DAMAGE TO SAID WATER LINES. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE CAUSED BY HIS NEGLIGENCE OR CARELESS OPERATION.
  - MR. THOMAS TOYIL OF THE METROPOLITAN WATER DISTRICT WATER DISTRIBUTION BRANCH (TELEPHONE: 213 - 626 4282, EXTENSION 572) SHOULD BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY WORK WITHIN METROPOLITAN'S EASEMENT.

NO CONTRACTOR FOR THE DISPOSAL OF...  
 THE WASTE SHOWN ON THE...  
 SECTION 108-2 OF STANDARD SPECIFICATIONS FOR ALL VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "O", "T", OR "G" PER SECTION 208-2 OF STANDARD SPECIFICATIONS FOR ALL VITRIFIED CLAY PIPE JOINTS.

