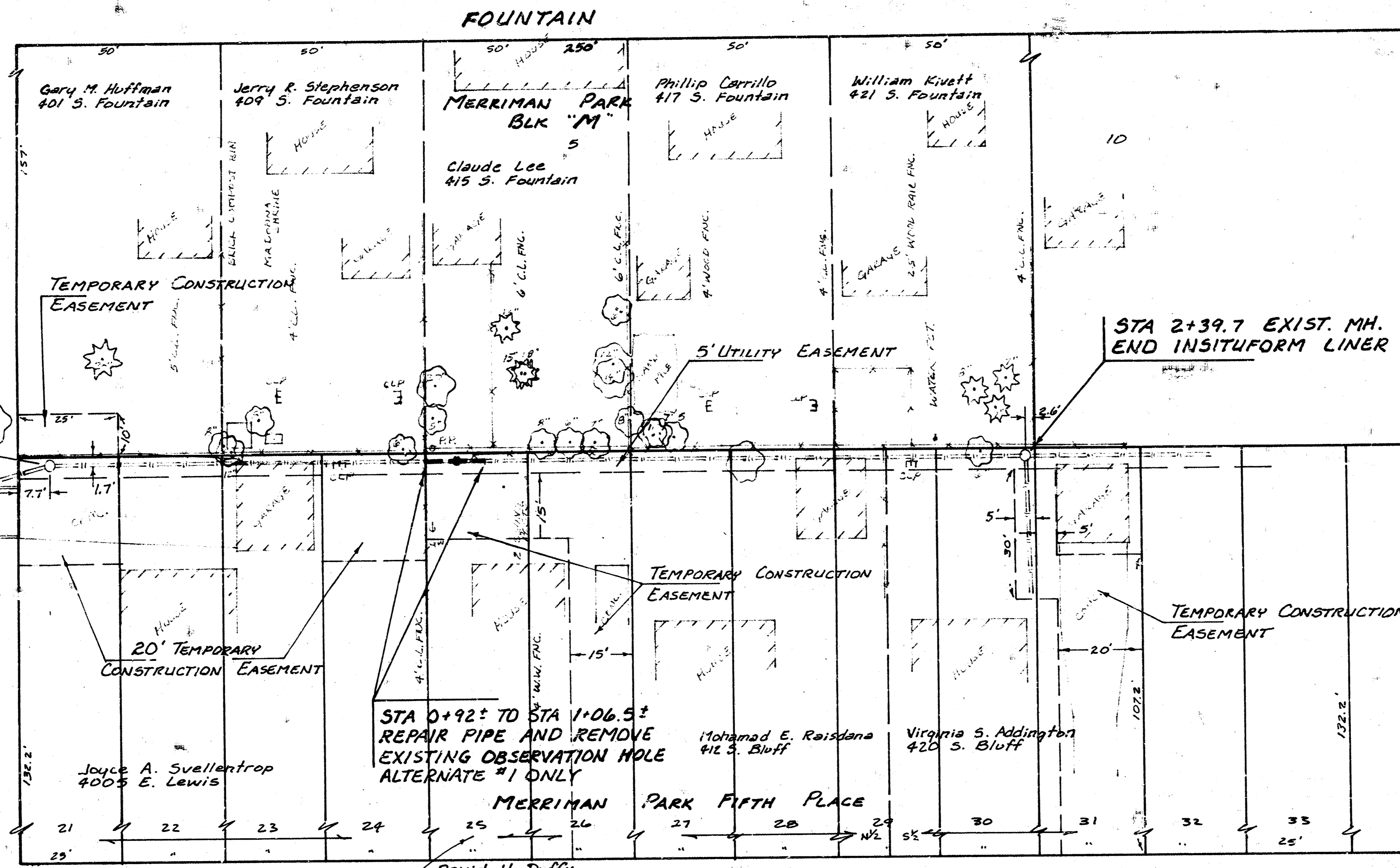


SCALE PLAN 1" = 20'  
 PROFILE 1" = 20' HORIZ.  
 1" = 5' VERT.

STA 0+00 EXIST. MH.  
 BEGIN INSITUFORM LINER



B.M. 158.521 BRASS ROD IN CONCRETE POST  
 SW COR. 3' W. OF BK. OF WK. & B' S. OF CURB,  
 29.2' S. & 33' W. OF Q. BOTH DOUGLAS & OLIVER

B.M. 171.905 R.R. SPIKE N. FACE PP. S. SIDE  
 LEWIS 1ST POLE W. OF FOUNTAIN.

STA 0+00 EXIST. MH.  
 BEGIN INSITUFORM LINER

STA 0+92 ± BEGIN REPAIR  
 STA 0+99 ± REMOVE  
 EXIST. OBSERVATION HOLE  
 STA 1+06.5 ± END REPAIR

STA 2+39.7 EXIST. MH.  
 END INSITUFORM LINER

GENERAL NOTES

- TEMPORARY CONSTRUCTION EASEMENTS AS SHOWN ON THE PLANS HAVE BEEN ACQUIRED TO FACILITATE REHABILITATION OF THE SANITARY SEWER WITH INSITUFORM LINER ONLY. SUCH EASEMENTS SHALL BE CONSIDERED AS INVALID FOR USE SHOULD CONTRACTOR CHOOSE TO REHABILITATE THE SANITARY SEWER BY REMOVING THE EXISTING PIPE AND INSTALLING NEW SANITARY SEWER PIPE.
- THE FOLLOWING CONDITIONS WERE MADE IN THE ACQUISITION OF THE TEMPORARY CONSTRUCTION EASEMENTS AS SHOWN ON THE PLANS TO FACILITATE REHABILITATION OF THE SEWER WITH INSITUFORM LINER AND SHALL BE ADHERED TO BY THE CONTRACTOR AS FOLLOWS:
- LOTS 25 AND 26 - 406 SOUTH BLUFF  
 OWNER DAVID H. DUFFY
- ANY DRIVEWAY, WALK OR CONCRETE SLAB REMOVED OR DAMAGED BY THE CONSTRUCTION PROJECT WILL BE REPLACED BY THE CONTRACTOR TO THE LIMITS DETERMINED BY THE PROJECT ENGINEER.
- FENCES, SWING, TRELLISES AND BIRDBATH REMOVED FOR CONSTRUCTION WILL BE REPLACED OR RELOCATED IN AN EQUAL OR BETTER CONDITION.
- TRENCH BACKFILL SHALL BE EXCAVATED MATERIAL COMPACTED TO 90 PERCENT OF STANDARD DENSITY. BACKFILL MATERIAL SHALL BE PLACED IN LIFTS WHICH WILL PERMIT THE MATERIAL TO BE COMPACTED TO THE REQUIRED DENSITY. DEPTH OF EACH LIFT TO BE COMPACTED SHALL BE AS APPROVED BY THE ENGINEER AND WILL BE DETERMINED TO A GREAT EXTENT BY THE TYPE OF COMPACTION EQUIPMENT USED. SAND FILLING, FLUSHING AND VIBRATING AS DISCUSSED IN THE STANDARD SPECIFICATIONS WILL NOT BE PERMITTED AS A BACKFILL MATERIAL OR A BACK-FILLING METHOD. SIX INCH TOPSOIL LAYER SHALL NOT BE COMPACTED.
- CONTRACTOR SHALL BE REQUIRED TO REPLACE TOPSOIL IN DISTURBED AREAS. CONTRACTOR SHALL FURNISH AND HAUL IN OTHER TOPSOIL MATERIAL AS NECESSARY TO REPLACE THE TOP SIX INCH LAYER. TOPSOIL FURNISHED SHALL BE OF AN EQUAL OR BETTER QUALITY THAN THE EXISTING TOPSOIL. THE ENTIRE WORK SITE SHALL BE GRADED UPON COMPLETION OF ALL WORK SUCH THAT THE FINISHED SURFACE SHALL CONFORM ESSENTIALLY TO THE ORIGINAL CONTOURS AFTER SETTLEMENT OF SOIL. ALL COSTS FOR FURNISHING AND PLACING TOPSOIL, INCLUDING ALL NECESSARY GRADING, SHALL BE INCLUDED IN THE LUMP SUM PRICE BID.
- CONTRACTOR SHALL EXERCISE CAUTION AND RESTRICT CONSTRUCTION TO AVOID HARM TO THE FLOWERING PLANTS LOCATED ON NORTH PROPERTY LINE IN NORTHWEST PORTION OF TEMPORARY EASEMENT.

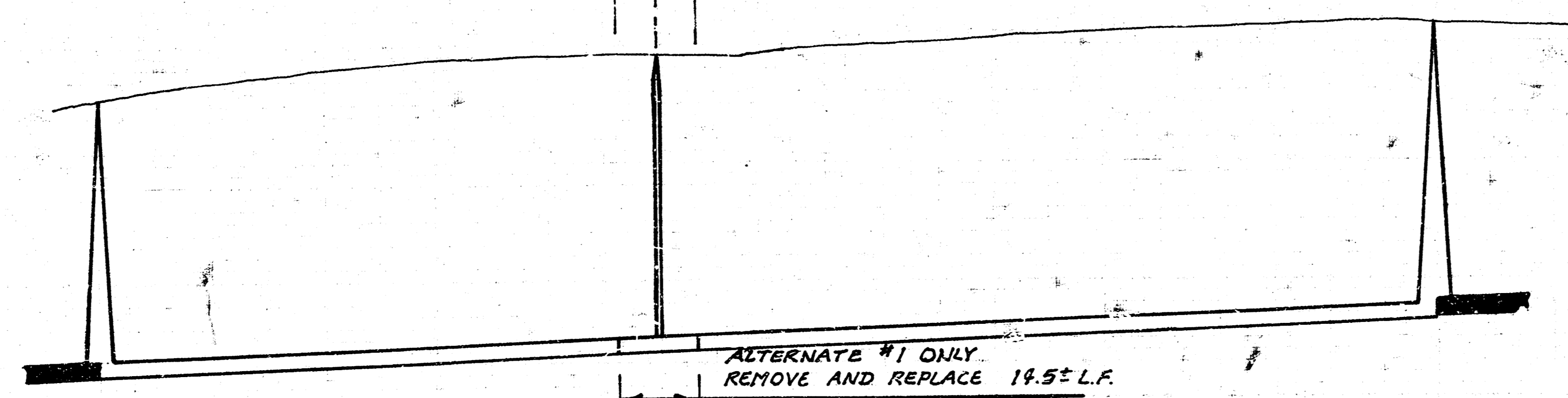
NOTE: CONTRACTOR'S METHOD FOR HANDLING SEWAGE FLOWS DURING CONSTRUCTION OF THIS PROJECT SHALL BE AS APPROVED BY THE ENGINEER. ONLY ACTIVE BUILDING SEWER LINES WHICH CONNECT ACTUAL BUILDINGS TO THE SEWER SYSTEM ARE TO BE RECONNECTED TO THE NEW SEWER CONSTRUCTION. BUILDING SEWER LINES AND/OR CONNECTIONS WHICH HAVE BEEN ABANDONED ARE NOT TO BE RECONNECTED TO THE NEW SEWER CONSTRUCTION. IT WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN WHICH BUILDING SEWER LINES AND/OR CONNECTIONS ARE ACTIVE AND WHICH SUCH SEWERS AND/OR CONNECTIONS HAVE BEEN ABANDONED. ALL WORK INVOLVED WITH BUILDING SEWER CONSTRUCTION AND/OR BUILDINGS SEWER CONNECTIONS SHALL CONFORM TO THE APPLICABLE SECTION OF THE STANDARD SPECIFICATIONS.

CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS AFFECTED BY THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF 24 HOURS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.



175  
 170  
 165  
 160

180  
 175  
 170  
 165  
 160



ALTERNATE #1  
 239.7 L.F. OF INSITUFORM LINER IN EXISTING 8" PIPE

ALTERNATE #2  
 REMOVE EXIST. 8" PIPE AND INSTALL 239.7 L.F. OF 8" PIPE @ 0.968% GRADE

PROJECT DESCRIPTION		
RECONSTRUCT A PORTION OF DISTRICT 'A' SAN. SEWER NO. 12 BETWEEN BLUFF AND FOUNTAIN, SOUTH OF LEWIS		
PROJECT NUMBER		
468-76-245-81298-000-000-001		
BOOK NO. MG-50	APPROVED BY	DATE: 8-83
DRAWN BY LDM/MS	REVISION	
CITY OF WICHITA		
DEPARTMENT OF ENGINEERING		
DIRECTOR OF ENG./CITY ENGINEER		SCALE 1/4"
R. W. BRUGGSMAN		

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