

**GENERAL NOTES**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
2. EXISTING UTILITIES AND THEIR LOCATIONS AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
3. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL 1-800-344-7233  
or 687-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

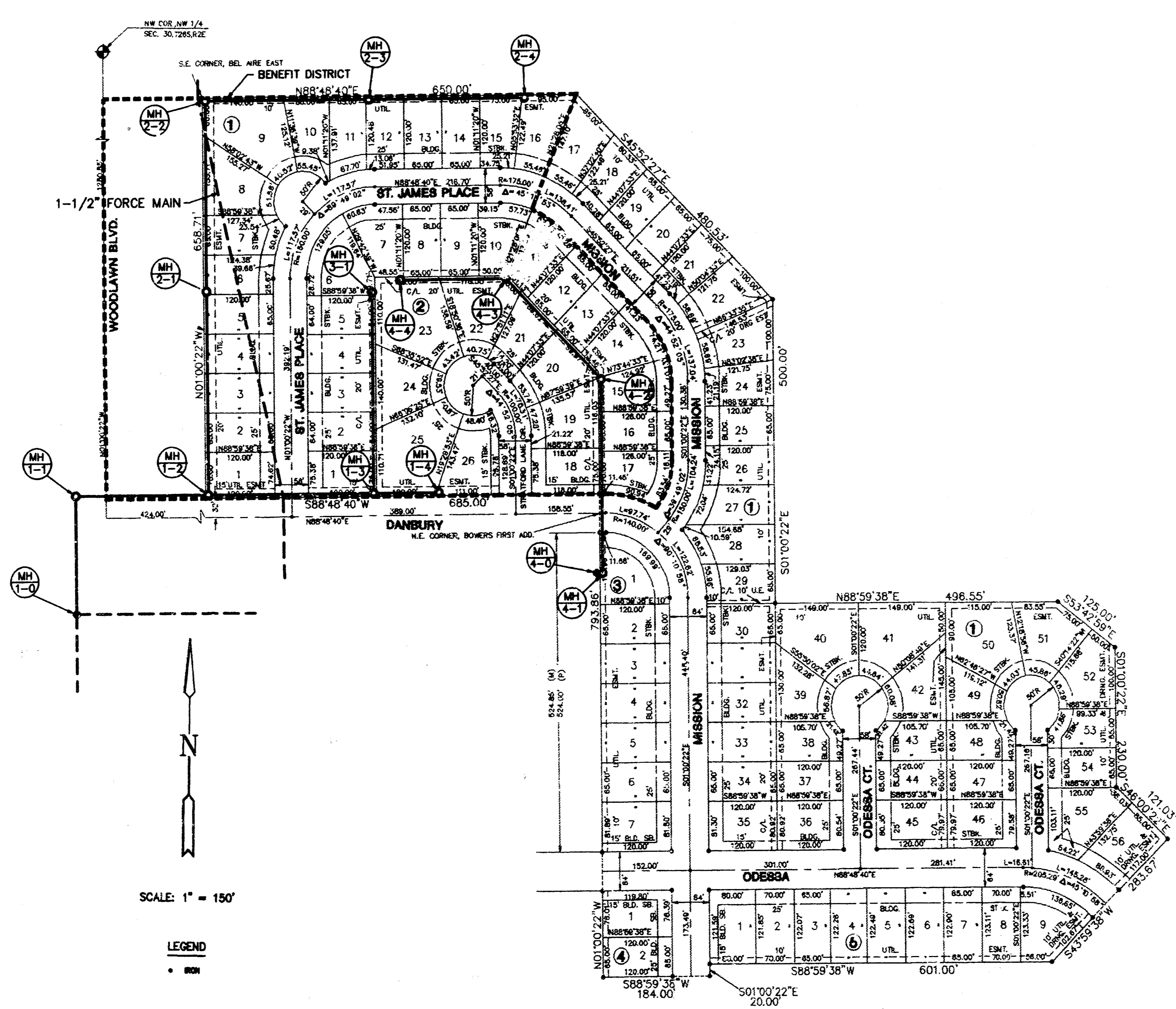
SOUTHWESTERN BELL TELEPHONE COMPANY 1-571-2115  
CABLEVISION 262-4270 OR 263-2061  
K. P. & GAS SERVICE COMPANY 263-7511  
KANSAS & ELECTRIC 264-1141  
CITY OF AIR 744-2451  
ARKLA GA. COMPANY 942-8350 OR 263-8161

4. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATIONS.
5. COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.
6. A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDING AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUNDS SHALL BE CONSTRUCTED WITH A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.
7. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.
8. PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING MANHOLES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GRADE AND ALIGNMENT OF EXISTING STUBS AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLAN. WHERE CONNECTION TO AN EXISTING MANHOLE THAT DOES NOT HAVE AN EXISTING STUB OR THE STUB IS UNSUABLE DUE TO ELEVATION GRADE OR ALIGNMENT, THE CONTRACTOR SHALL RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST OF RE-SHAPING EXISTING MANHOLE INVERTS IS INCIDENTAL TO THE PROJECT.
9. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
10. CONTRACTOR SHALL SEED AND MULCH ALONG THE EAST BANK OF THE EXISTING DITCH ADJACENT TO WOODLAWN, FROM DANBURY TO A POINT LYING 250 FT. SOUTH OF ODESSA. THE CONTRACTOR SHALL REGRADE PORTIONS OF THE EXISTING DITCH BANK WHERE WASHOUTS HAVE OCCURRED. ALL COSTS SHALL BE SUBSIDIARY TO SEEDING AND MULCHING.
11. THE BID OF CLEARING RIGHT-OF-WAY SHALL INCLUDE REMOVAL AND DISPOSAL OF THE BROKEN CONCRETE ON LINE 4 ACROSS THE DANBURY STREET RIGHT-OF-WAY AND TREE REMOVAL, AND THE RECONNECTION OF THE 1-1/2" FORCE MAIN TO MANHOLE 2-2.

**BENCHMARKS**

- BM #1 "□" CUT ON T.C. N.E. COR. OF WOODLAWN COURT ADD.  
ELEV. = 1391.37
- BM #2 "□" CUT ON T.C. AT E. END OF S.E. RETURN DANBURY & STRATFORD LANE.  
ELEV. = 1396.14

**SANITARY SEWER PLANS**  
**SUMMIT HILL**  
CITY OF BEL AIRE  
SEDGWICK COUNTY, KANSAS  
JUNE 1992



**INDEX TO DRAWINGS**

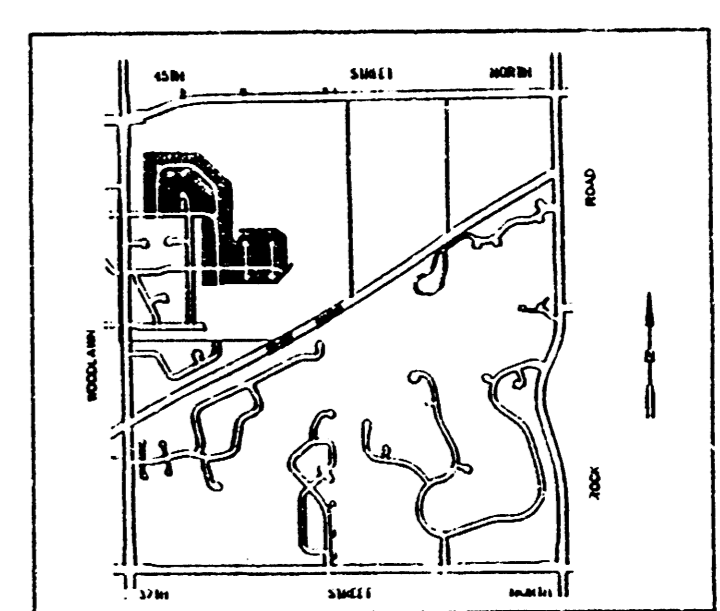
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	MANHOLE DETAILS
3-6	PLAN & PROFILE SHEETS
7	FINAL PLAT

APPROVED AS NOTED  
BY CITY OF ENGINEER OF WICHITA

Sanitary Sewers CRH 6/2/92  
Storm Sewers \_\_\_\_\_  
Driveway Approaches \_\_\_\_\_  
Water Mains \_\_\_\_\_  
Paving \_\_\_\_\_

**NOTE TO CONTRACTOR**

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.



LOCATION MAP

*Booked 12-2-92  
JKB*



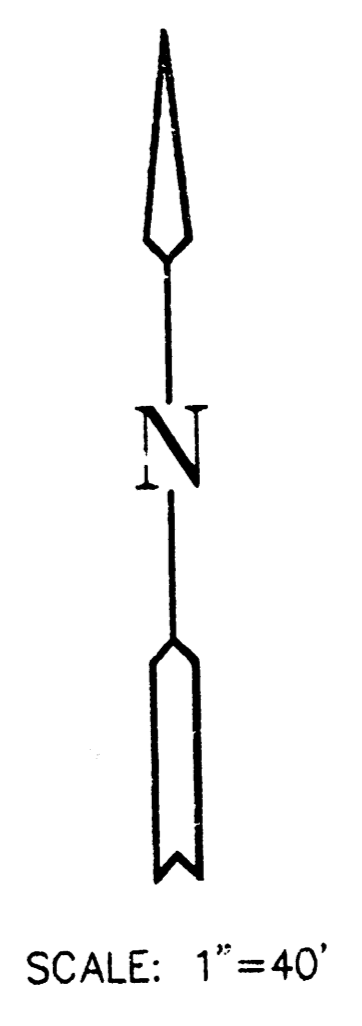
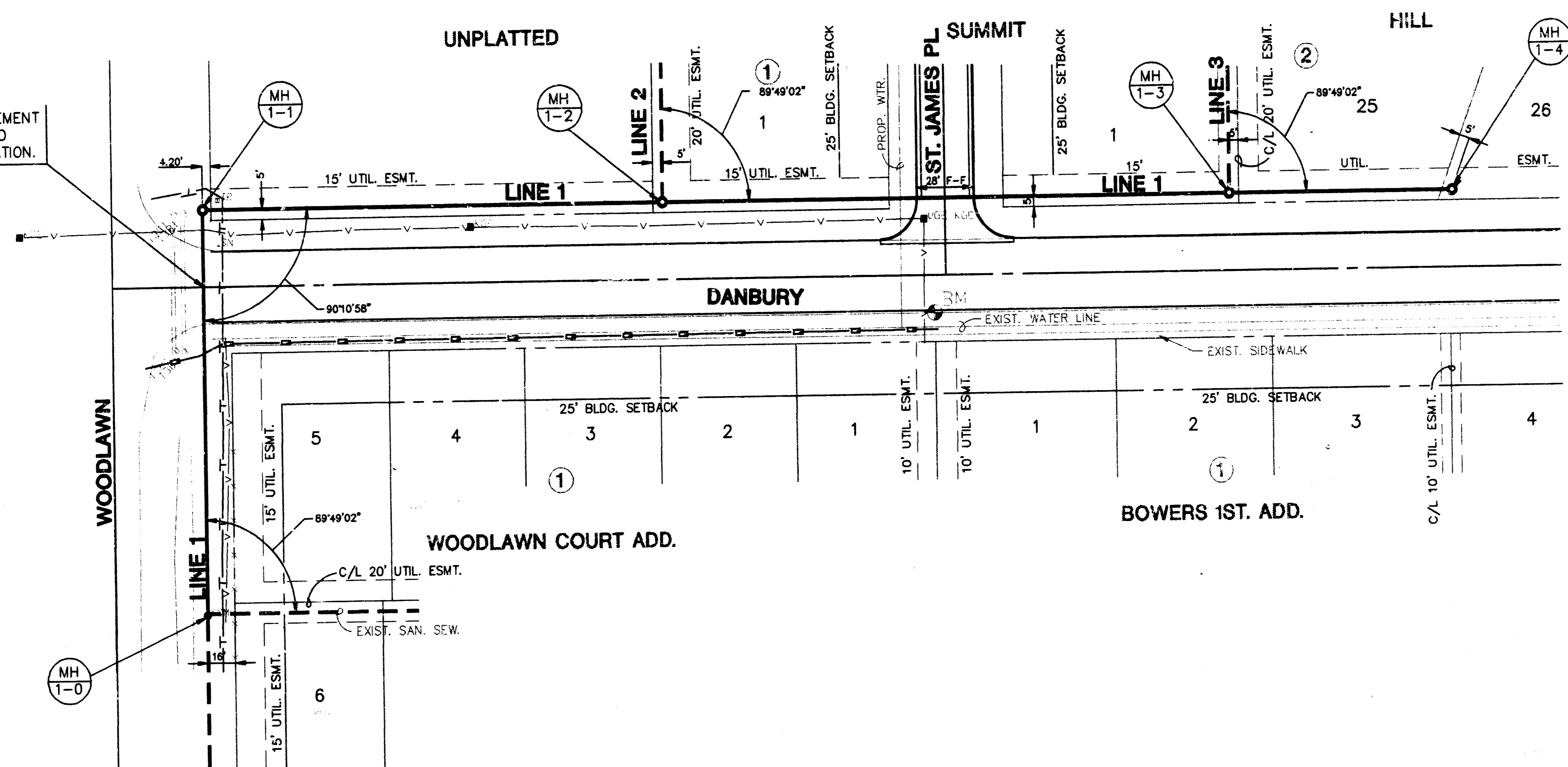
AS BUILT 10-9-92  
CITY OF WICHITA PRIVATE PROJECT 345PPS (607861)

	<p><b>SUMMIT HILL</b></p>	<p>Design G.J.A. Drawn by WNJ Checked by G.J.A.</p>
	<p><b>SANITARY SEWER PLANS</b></p>	<p>Date 6/92 Job no. 2189SANT</p>
<p>MID-KANSAS ENGINEERING CONSULTANTS INC. 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226</p>		<p>(316) 636-5566</p>
<p>Sheet <b>1</b> of <b>7</b></p>		

**SUMMIT HILL  
PHASE I  
SANITARY SEWER  
LINE 1**

REMOVE & REPLACE A.C. PAVEMENT  
COST SHALL BE SUBSIDIARY TO  
SITE PREPARATION & RESTORATION.

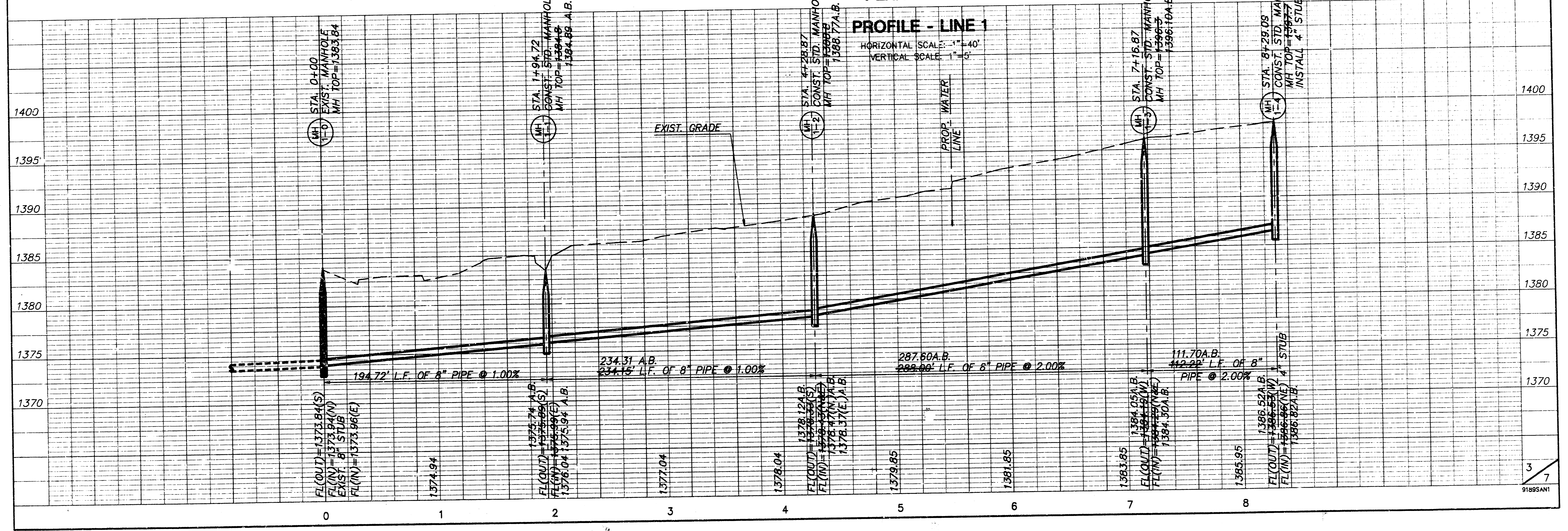
- LEGEND**
- - - - - UNDERGROUND ELECTRIC
  - - - - - UNDERGROUND TELEPHONE
  - - - - - UNDERGROUND GAS



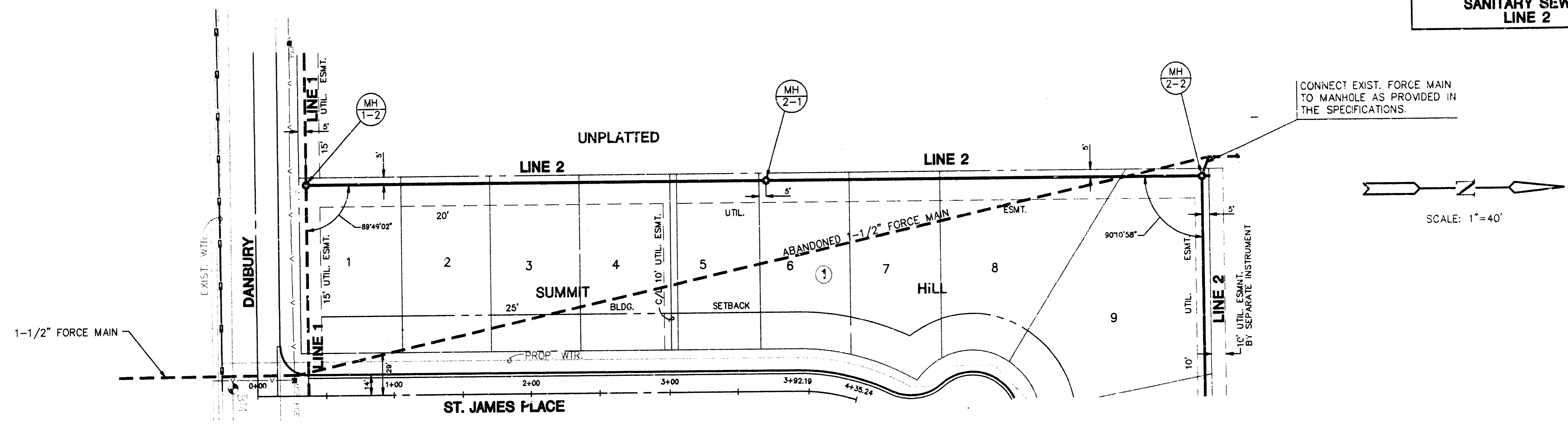
**PLAN - LINE 1**

**PROFILE - LINE 1**

HORIZONTAL SCALE: 1"=40'  
VERTICAL SCALE: 1"=5'

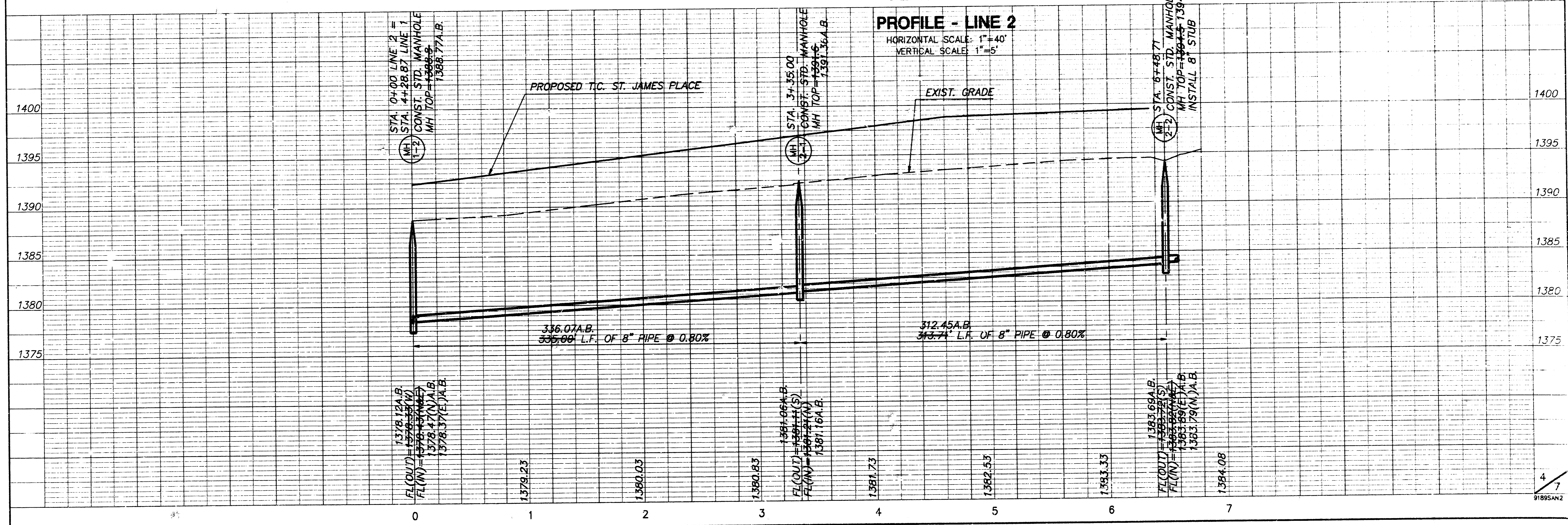


**SUMMIT HILL  
PHASE I  
SANITARY SEWER  
LINE 2**

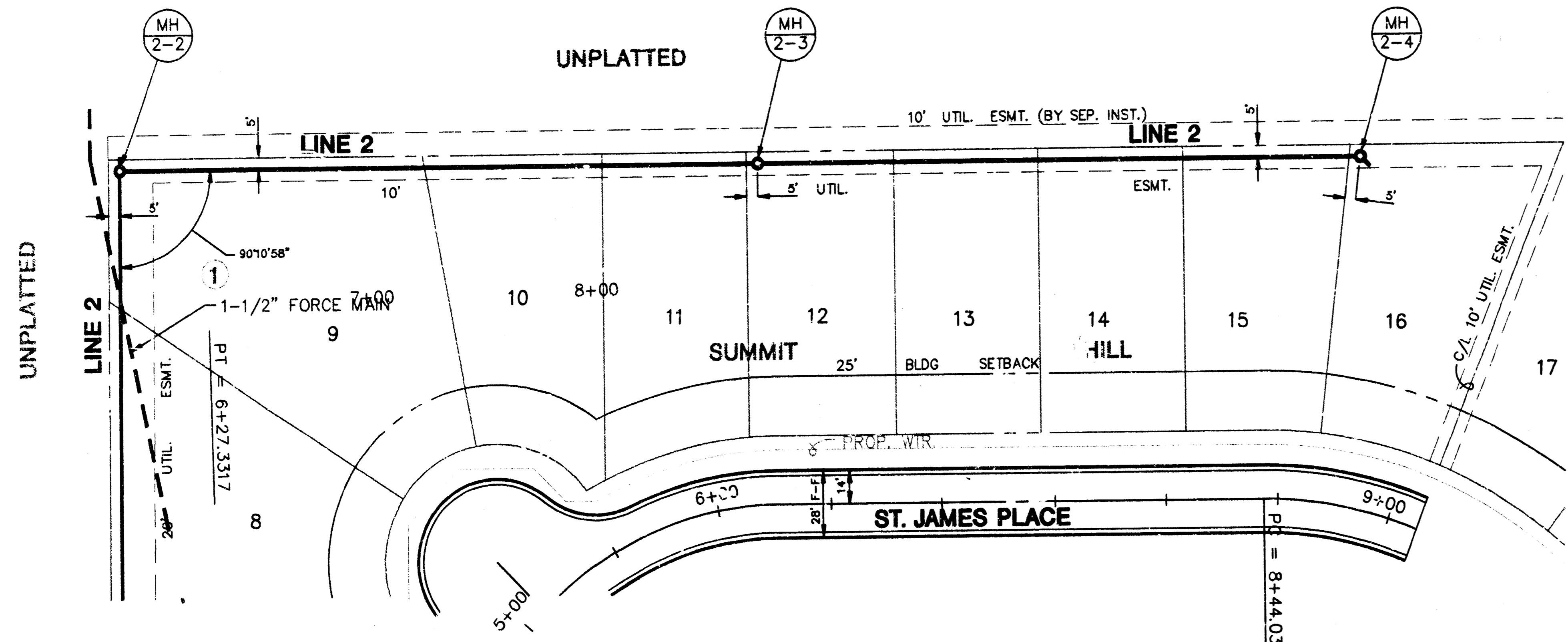


**PLAN - LINE 2**

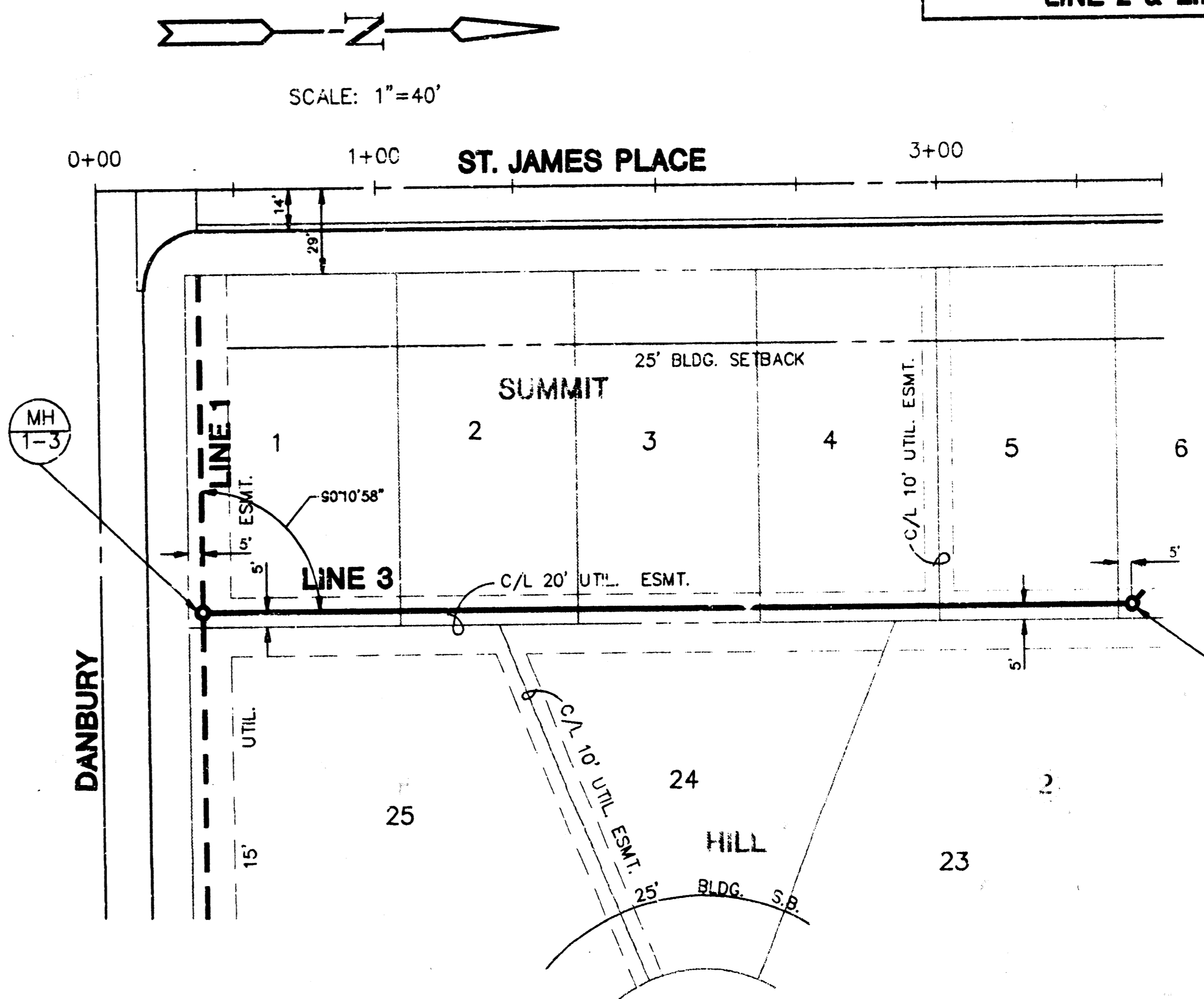
**PROFILE - LINE 2**



**SUMMIT HILL  
PHASE I  
SANITARY SEWER  
LINE 2 & LINE 3**



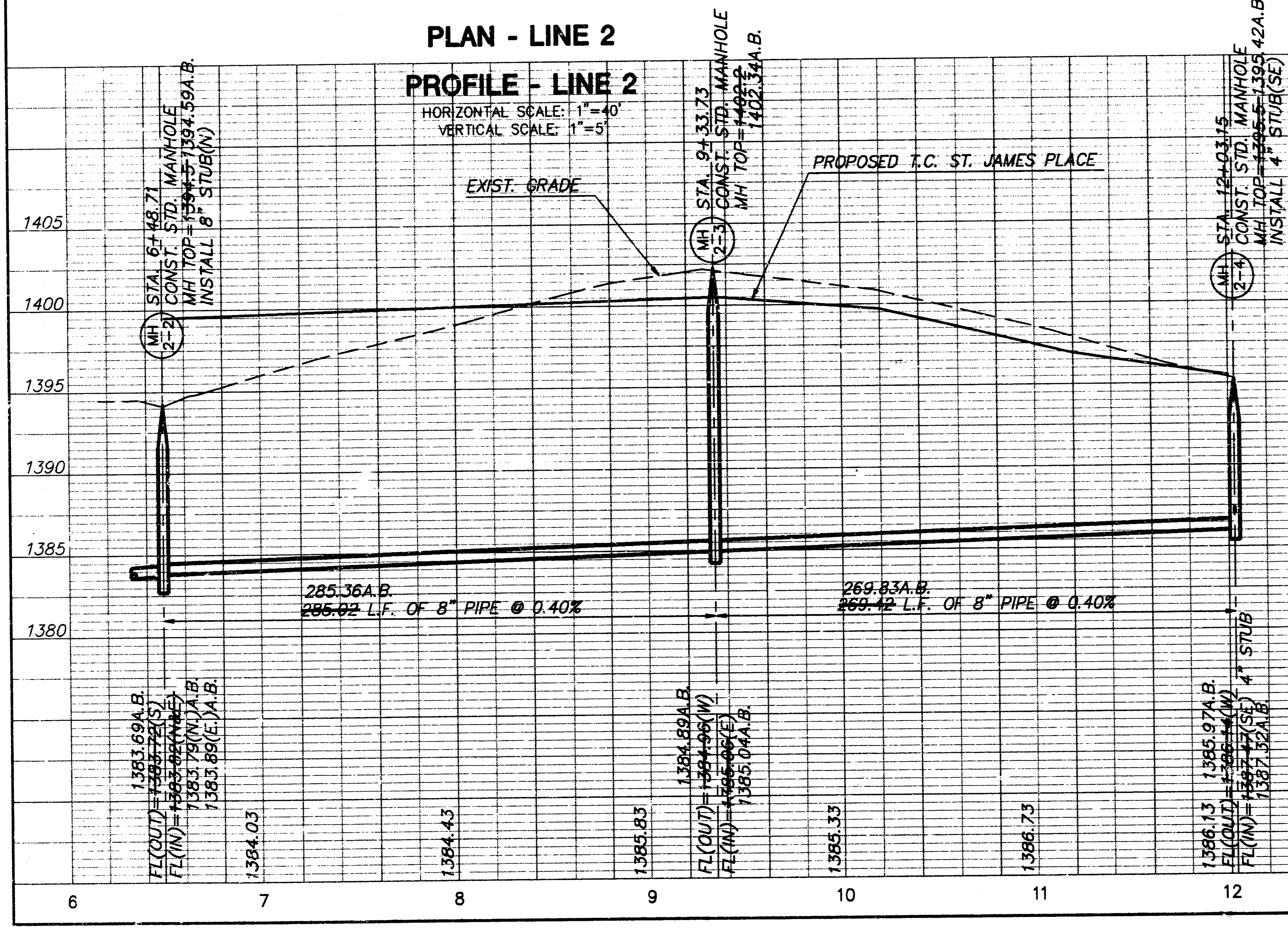
LOT	BLOCK	LINE	STATION	RISER ELEV.	S.S. FLOWLINE
10	1	2	8+00	1387.5	1384.43
11	1	2	8+80	1390.0	1384.75
12	1	2	9+60	1391.0	1385.17
13	1	2	10+20	1390.0	1385.41
14	1	2	10+80	1389.0	1385.65



**PLAN - LINE 2**

**PROFILE - LINE 2**

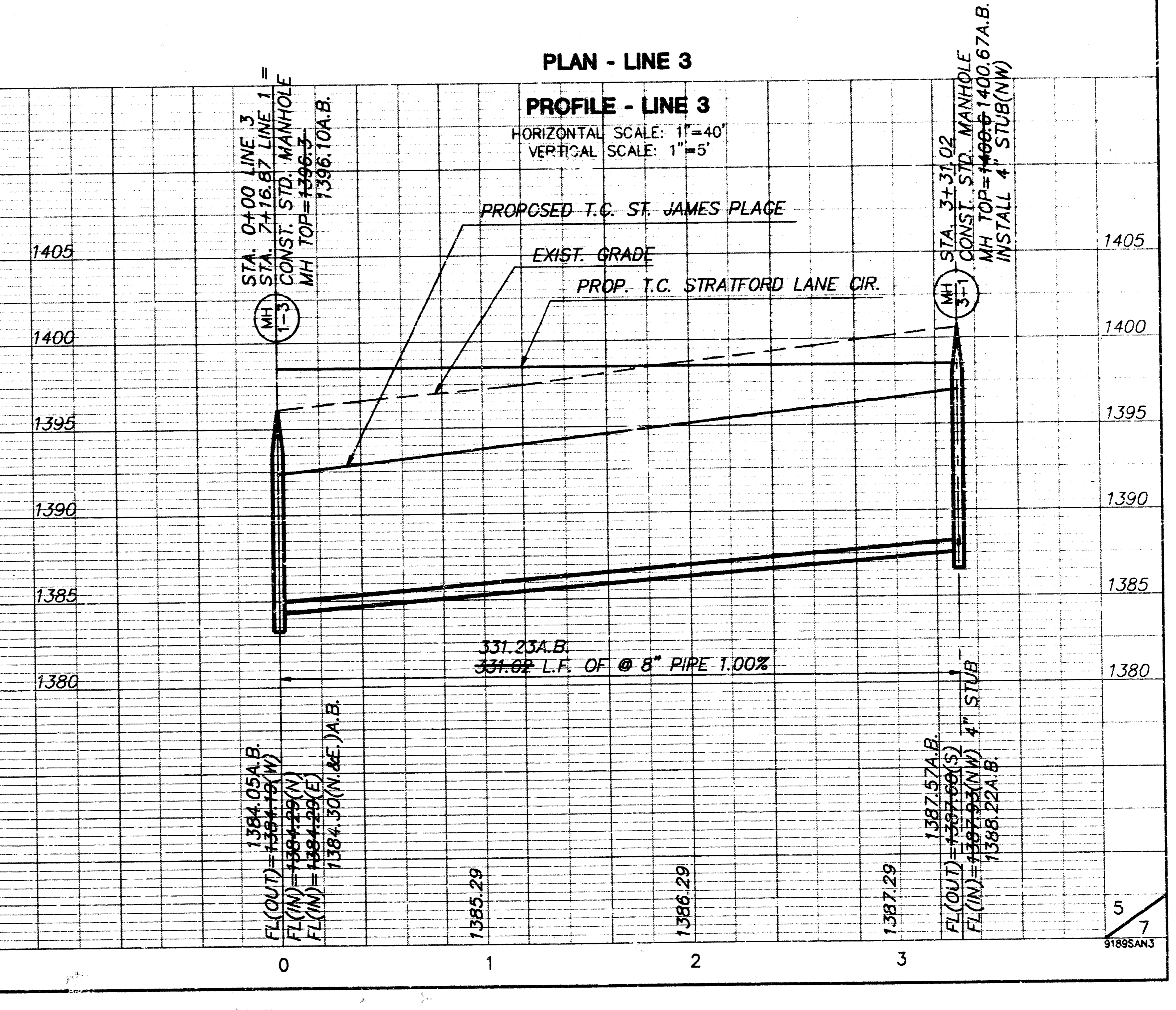
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VERTICAL SCALE: 1"=5'



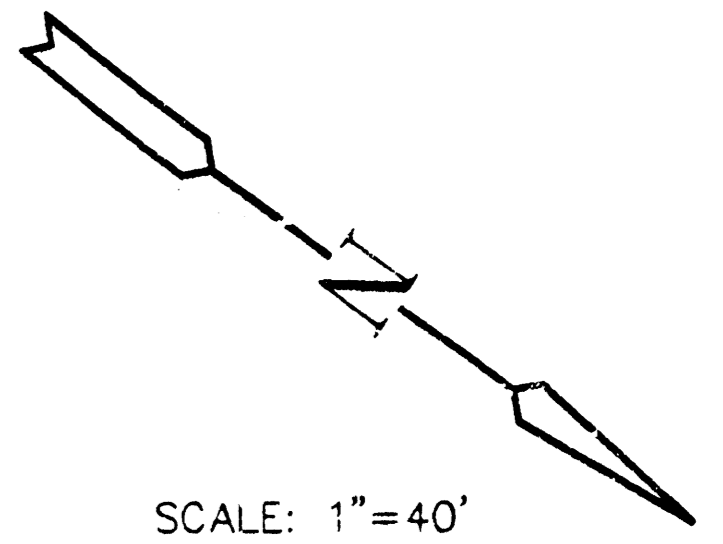
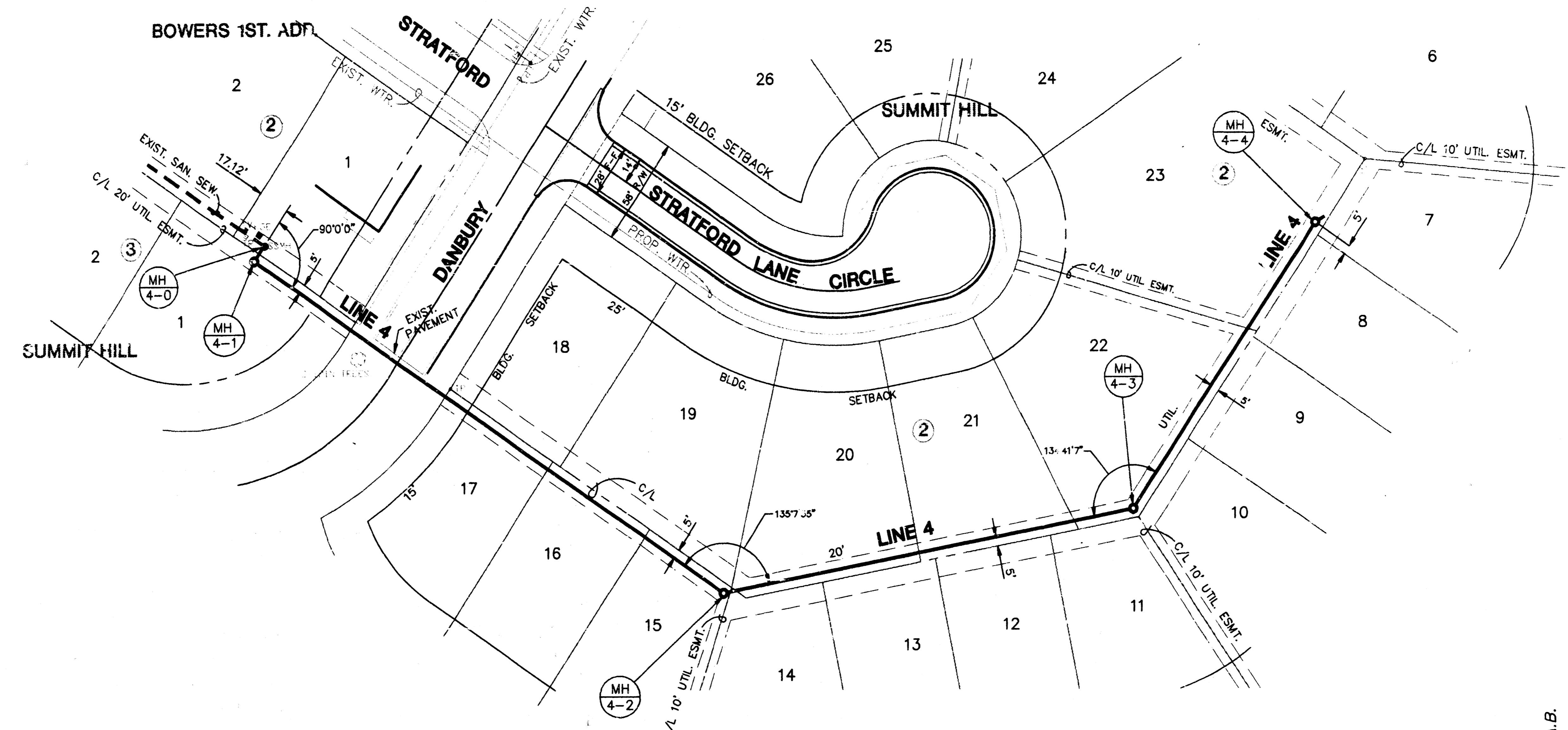
**PLAN - LINE 3**

**PROFILE - LINE 3**

HORIZONTAL SCALE: 1"=40'  
VERTICAL SCALE: 1"=5'



**SUMMIT HILL  
PHASE I  
SANITARY SEWER  
LINE 4**



**PLAN - LINE 4**

