

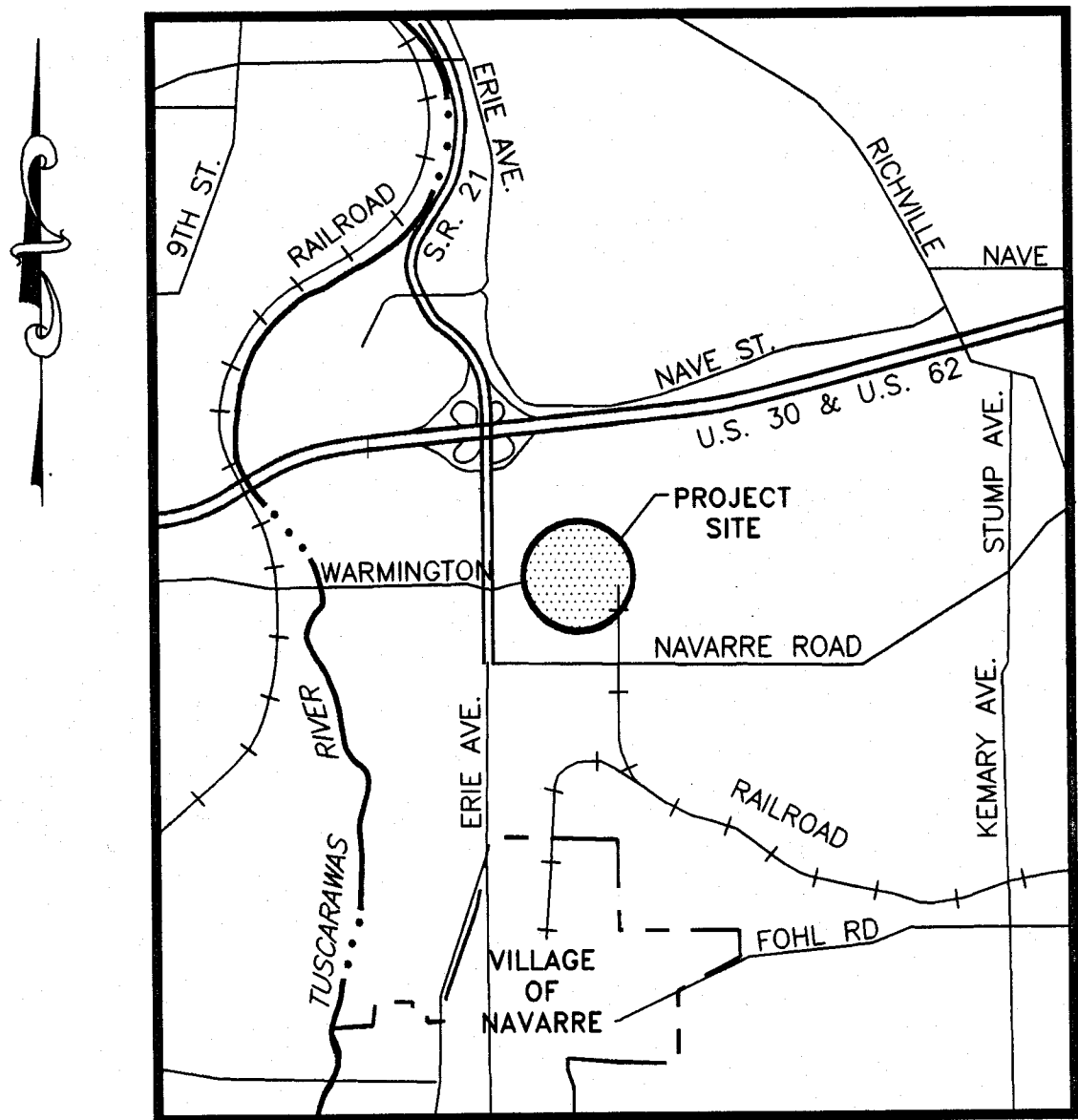
WARMINGTON ROAD SANITARY SEWER EXTENSION

CITY OF MASSILLON, STARK COUNTY, OHIO
NOVEMBER 2000

CITY OFFICIALS

MAYOR
SAFETY SERVICE DIRECTOR
CITY ENGINEER/PLANNING DIRECTOR
WASTEWATER TREATMENT DEPARTMENT MANAGER

FRANCIS J. CICCHINELLI, JR.
ALAN W. CLIMER
JAMES J. BENEKOS
JOSEPH R. ULRICH



LOCATION MAP

APPROVED BY THE CITY OF MASSILLON ENGINEER
THIS _____ DAY OF _____, 200 ____.

CITY ENGINEER

ENGINEERING SERVICES BY:

HETTLER ENGINEERING SERVICES
1225 NORTH MAIN STREET
NORTH CANTON, OHIO 44720
(330) 966-1776

SURVEYING SERVICES BY:

AKINS' LAND SURVEYING
776 NORTH UNION AVENUE
ALLIANCE, OHIO 44601
(330) 821-4602

CALL 2 WORKING DAYS
BEFORE YOU DIG
1-800-362-2764
OHIO UTILITIES PROTECTION SERVICE

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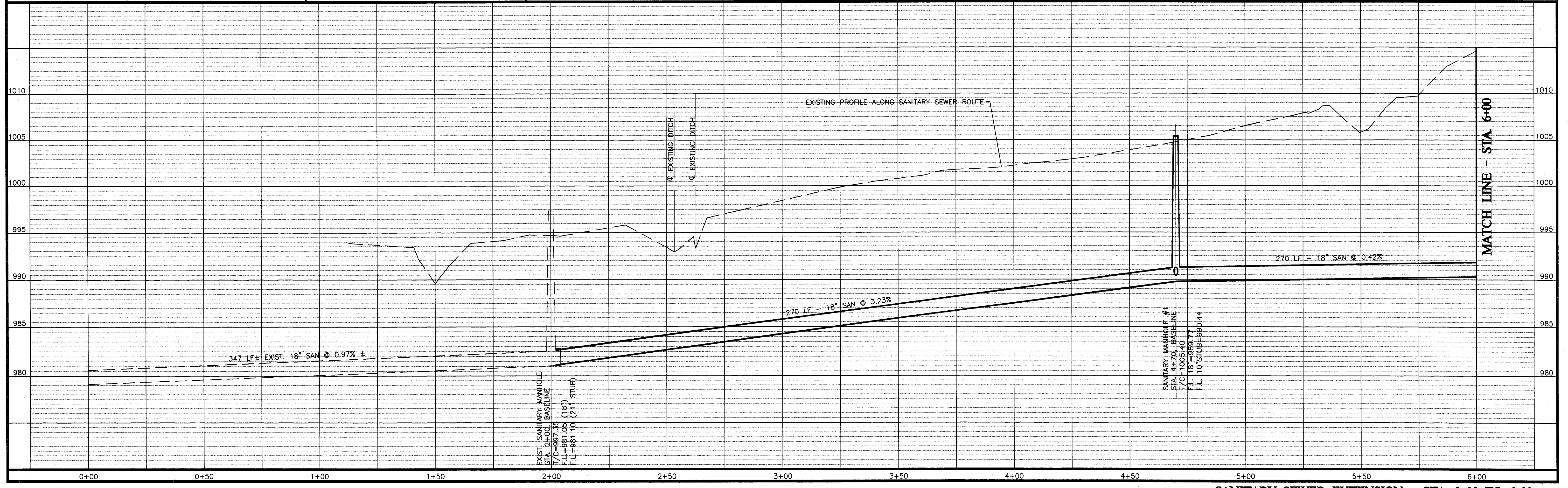
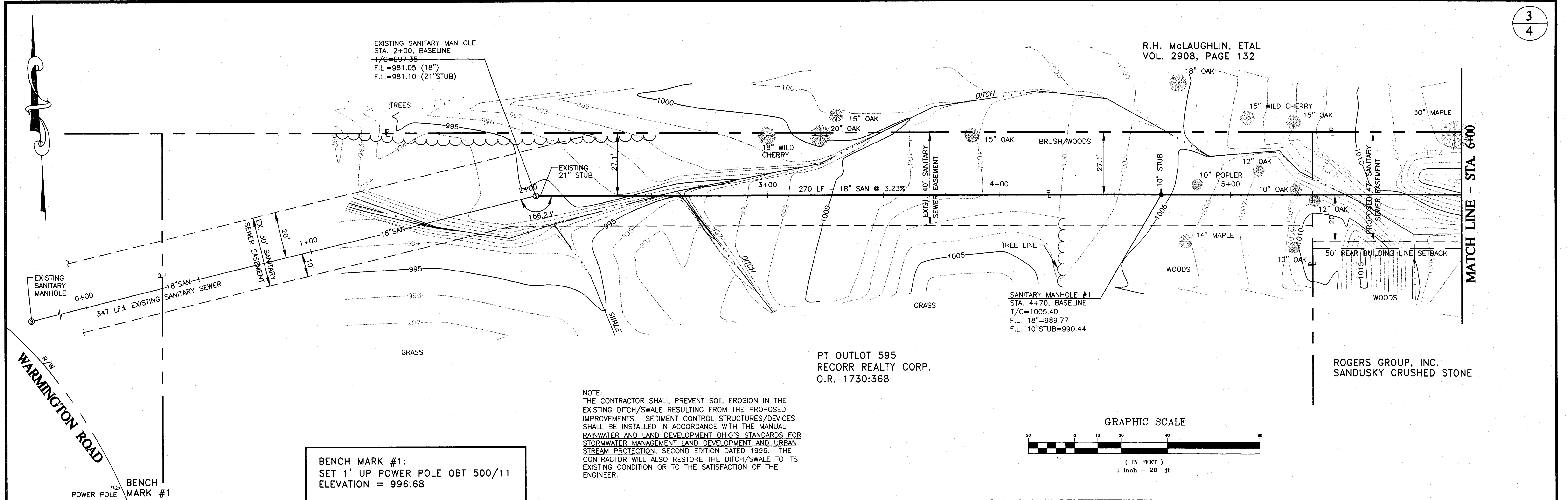
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PIPE CROSSING - DATA SHEET

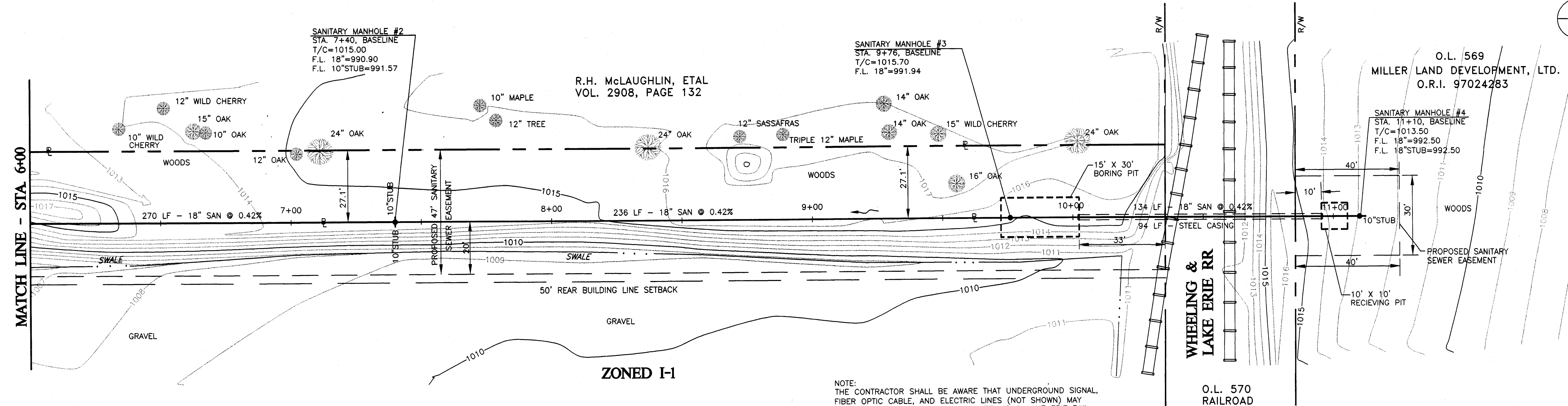
	CARRIER PIPE		CASING PIPE
	CONCRETE	VCP	
CONTENTS TO BE HANDLED	SAN. SEWAGE	SAN. SEWAGE	-
NOMINAL OPERATING PRESSURE	GRAVITY	GRAVITY	-
NOMINAL SIZE OF PIPE	18 INCH	18 INCH	36 INCH
O.S. DIAMETER	23" BARREL	21.93" BARREL	37.064" BARREL
I.S. DIAMETER	27.5" ± BELL	27.29" ± BELL	-
WALL THICKNESS	18 INCHES	17.90 INCHES	36 INCHES
WEIGHT PER FOOT	2.5 INCHES	2.015 INCHES	0.532 INCHES
MATERIAL	168 #/LF	140 #/LF	189.57 #/LF
PROCESS OF MANUFACTURE	RCP	VCP	STEEL
SPECIFICATION	PRECAST	EXTRUDED	DOMESTIC
GRADE OR CLASS	ASTM C-76	ASTM C-700	ASTM A 252
TEST PRESSURE	CLASS IV	EXTRA STRENGTH	GRADE B
TYPE OF JOINT	-	-	-
TYPE OF COATING	O-RING	O-RING	WELDED
DETAILS OF CATHODIC PROTECTION	NONE	NONE	NONE
DETAILS OF SEAL OR PROTECTION AT ENDS OF CASING	N/A	N/A	N/A
METHOD OF INSTALLATION	N/A	N/A	BRICK & MORTAR BLKHD
CHARACTER OF SUBSURFACE MATERIAL AT THE CROSSING LOCATION	-	-	BORING
APPROXIMATE GROUND WATER	-	-	UNKNOWN
SOURCE OF INFORMATION ON SUBSURFACE CONDITIONS (BORING, TEST PITS, ETC.)	UNKNOWN	UNKNOWN	UNKNOWN
	N/A	N/A	N/A

PRELIMINARY
Not For Construction

NOV 03 2000



SANITARY SEWER EXTENSION - STA. 0+00 TO 6+00



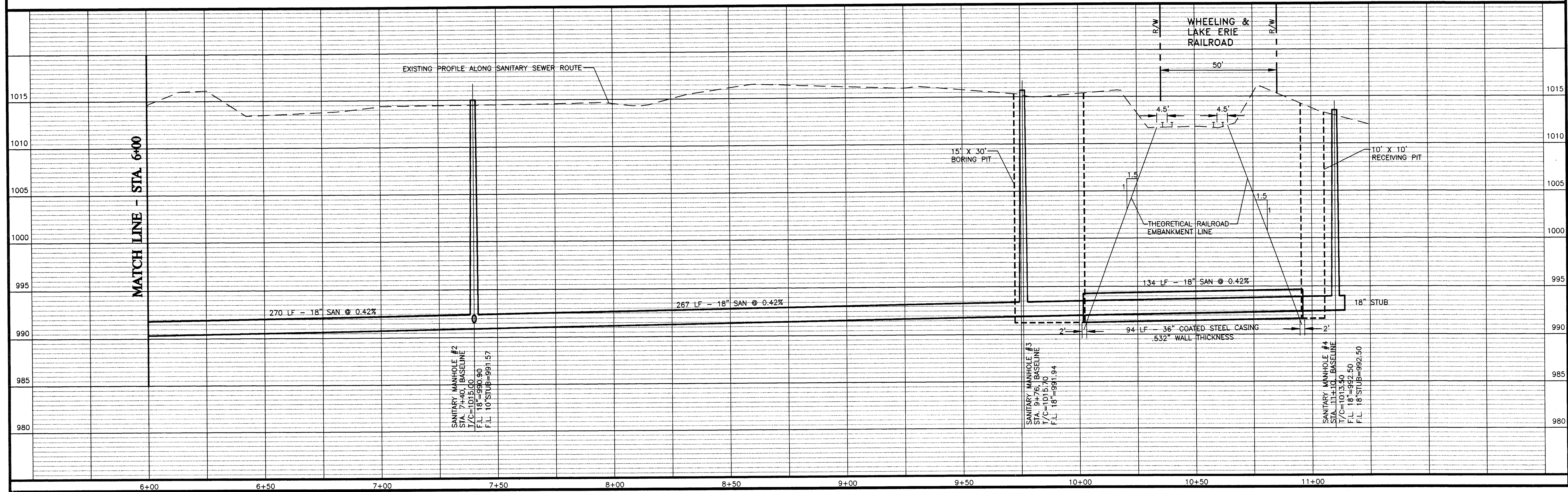
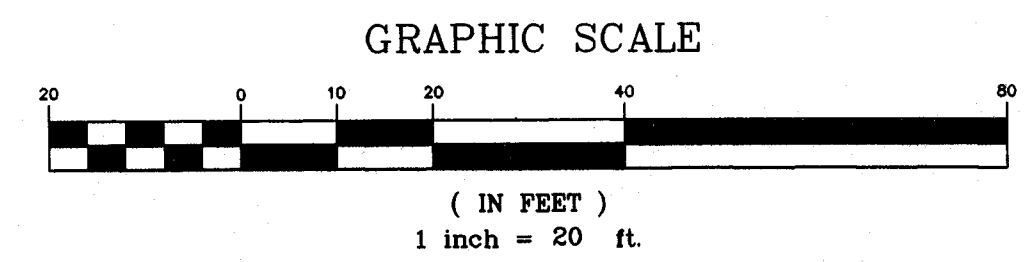
ROGERS GROUP, INC.
SANDUSKY CRUSHED STONE

NOTE:
THE CONTRACTOR SHALL BE AWARE THAT UNDERGROUND SIGNAL, FIBER OPTIC CABLE, AND ELECTRIC LINES (NOT SHOWN) MAY EXIST WITHIN THE LIMITS OF THE WHEELING & LAKE ERIE RAIL RIGHT OF WAY. THE CONTRACTOR SHALL CONTACT THE RAILROAD AND THE APPROPRIATE AGENCIES FOR ALIGNMENT, LOCATION AND ELEVATIONS OF THESE LINES PRIOR TO STARTING CONSTRUCTION.

CONTRACTOR SHALL NOT ENCR OACH ON WHEELING & LAKE ERIE RIGHT OF WAY.

CONTRACTOR SHALL NOT ENCR OACH ON ROGERS GROUP, INC. OR R.H. McLAUGHLIN PROPERTIES.

CONTRACTOR SHALL CONFORM TO ALL WHEELING & LAKE ERIE RAILROAD SPECIFICATIONS FOR UNDERGROUND UTILITY OCCUPATIONS FOR THE BORING OPERATION.



SANITARY SEWER EXTENSION - STA. 6+00 TO STA. 11+01