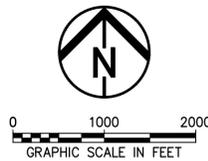


# Village of Thornville WWTP IMPROVEMENTS: PHASE II INFILTRATION AND INFLOW REDUCTION PROJECT

PERRY COUNTY, OHIO  
Village of Thornville Project

## SITE PLAN LEGEND

EXISTING	PROPOSED	
		CENTERLINE/BASELINE CONSTRUCTION
		PROPERTY LINE
		RIGHT OF WAY
		EASEMENT
		TEMPORARY RIGHT OF WAY
		CONTOUR
		SWALE (EDGE OF WATER)
		FENCELINE
		GUARDRAIL
		RAILROAD TRACKS
		STORM SEWER
		SANITARY SEWER
		SANITARY SEWER FORCEMAIN
		WATER LINE
		GAS LINE
		GENERIC COMMUNICATIONS LINE
		CABLE TV LINE
		ELECTRIC LINE
		FIBER OPTIC LINE
		STEAM LINE
		TELEPHONE LINE (UNDERGROUND)
		TRAFFIC SIGNAL CONDUIT
		TRAFFIC INTERCONNECT CONDUIT
		STORM MANHOLES, CATCH BASINS, CURB INLETS
		SANITARY MANHOLE, CLEANOUT, MARKER, VENT PIPE, SEPTIC TANK LID
		FIRE HYDRANT, HYDRANT ASSEMBLY, WATER VALVE, METER, SERVICE BOX
		GAS METER, VALVE, MANHOLE, MARKER, VENT PIPE
		GROUND MOUNTED TRANSFORMER, ELECTRIC PULL BOX, METER, MANHOLE, VAULT
		SIGNAL POLE, TRAFFIC PULL BOX, MANHOLE, CONTROLLER CABINET, PAD MOUNTED CABINET
		CABLE TV BOX, TELEPHONE BOX, AIR CONDITIONER, SATELLITE DISH, CELLPHONE TOWER, GROUND LITE
		MONITORING WELL, GAS WELL, OIL WELL, CISTERN, SOIL BORING
		TELEPHONE BOX, TELEPHONE MANHOLE, UNKNOWN UTILITY BOX, UNKNOWN MANHOLE
		POWER POLE, TELEPHONE POLE, LIGHT POLE, COMBINATION POLES, GENERIC/GUY POLE, GUY WIRE
		STREET SIGNS, STREE NAME SIGN, POST, MAILBOX, FLAG POLE, FLAG
		DECIDUOUS TREE, EVERGREEN, SHRUB, STUMP, ROCK, TREE REMOVED/PRUNED
		MONUMENT BOX, IRON PIN/PIPE



LOCATION MAP

INDEX OF DRAWINGS	
TITLE SHEET	1
GENERAL NOTES & GENERAL SUMMARY	2
MANHOLE & PIPE LINER DETAILS	3
SHEET INDEX	4
SCHEMATIC PLANS	5-8

APPROVALS:  
Village of Thornville

\_\_\_\_\_  
MAYOR

\_\_\_\_\_  
Date

PLANS PREPARED AND RECOMMENDED BY:



## 2018 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THESE PLAN BID DOCUMENTS SHALL GOVERN THIS IMPROVEMENT. FOR PURPOSES OF THIS PLAN, REFERENCES TO DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE CITY ENGINEER AND/OR HIS REPRESENTATIVES.

REVISED:

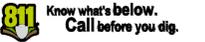
SET NO. \_\_\_\_\_

PROJ. NUMBER	23-00602-010	TITLE SHEET	SHEET
DESIGNED BY:	GWS		1 of 8
DRAWN BY:	ARC		
FILE NO.	ZTITL-23-00602-010.dwg		









**WWTP IMPROVEMENTS:  
 PHASE II INFILTRATION AND  
 INFLOW PROJECT  
 VILLAGE OF THORNHILL**



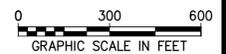
**LEGEND:**

- SA — PROPOSED PIPE LINING
- - SA - - PIPE PREVIOUSLY LINED
- - - - SEWER SHED BOUNDARY
- MANHOLE PREVIOUSLY LINED
- PROPOSED MANHOLE LINING

DATE: \_\_\_\_\_

REVISIONS		
Δ	DATE	DESCRIPTION

PROJECT NO.: 23-00602-010  
 DRAWN BY: ARC  
 CHECKED BY: JPC  
 DATE ISSUED: YYYY/MM/DD



SHEET INDEX

MATCHLINE STA, SEE SHEET 6



0 100 200  
 GRAPHIC SCALE IN FEET



**LEGEND:**

- SA — PROPOSED SANITARY PIPE TO BE LINED
- - - SA - - - EXISTING SANITARY PIPE
- - - - - SEWER SHED BOUNDARY
- EXISTING SANITARY MANHOLE
- SANITARY MANHOLE TO BE LINED

**NOTES:**

1. PIPE LENGTHS ARE BASED ON GPS SURVEY DATA. CONTRACTOR SHOULD VERIFY LENGTHS DURING PREPARATION, CLEANING, AND INSPECTION PHASE OF CIPP PROCESS
2. SEE SHEET 3 FOR MANHOLE DEPTHS & ENGINEER CALCULATED CIPP THICKNESS

MATCHLINE STA, SEE SHEET 7

MATCHLINE STA, SEE SHEET 8

**WWTP IMPROVEMENTS:  
 PHASE II INFILTRATION AND  
 INFLOW PROJECT  
 VILLAGE OF THORNVILLE**

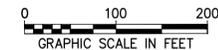
DATE: \_\_\_\_\_

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 23-00602-010  
 DRAWN BY: ARC  
 CHECKED BY: JPC  
 DATE ISSUED: YYYY/MM/DD

SCHMATIC PLAN 1

ENVIRONMENTAL DESIGN GROUP PROJECT LOCATION: 14 450 GRANT ST., AKRON, OH 44311



**LEGEND:**

- SA — PROPOSED SANITARY PIPE TO BE LINED
- - - SA - - - EXISTING SANITARY PIPE
- - - - - SEWER SHED BOUNDARY
- EXISTING SANITARY MANHOLE
- SANITARY MANHOLE TO BE LINED

**NOTES:**

1. PIPE LENGTHS ARE BASED ON GPS SURVEY DATA. CONTRACTOR SHOULD VERIFY LENGTHS DURING PREPARATION, CLEANING, AND INSPECTION PHASE OF CIPP PROCESS
2. SEE SHEET 3 FOR MANHOLE DEPTHS & ENGINEER CALCULATED CIPP THICKNESS



MATCHLINE STA, SEE SHEET 5

MATCHLINE STA, SEE SHEET 8

DATE: \_\_\_\_\_

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 23-00602-010  
 DRAWN BY: ARC  
 CHECKED BY: JPC  
 DATE ISSUED: YYYY/MM/DD

**SCHEMATIC PLAN 2**

ENVIRONMENTAL DESIGN GROUP PROJECT LOCATION: 450 GRANT ST., AKRON, OH 44311  
 DATE: 01/15/2024 4:23:53 PM



**WWTP IMPROVEMENTS:  
 PHASE II INFILTRATION AND  
 INFLOW PROJECT  
 VILLAGE OF THORNHILL**

**LEGEND:**

- SA — PROPOSED SANITARY PIPE TO BE LINED
- - - SA - - - EXISTING SANITARY PIPE
- - - - - SEWER SHED BOUNDARY
- EXISTING SANITARY MANHOLE
- SANITARY MANHOLE TO BE LINED

**NOTES:**

1. PIPE LENGTHS ARE BASED ON GPS SURVEY DATA. CONTRACTOR SHOULD VERIFY LENGTHS DURING PREPARATION, CLEANING, AND INSPECTION PHASE OF CIPP PROCESS
2. SEE SHEET 3 FOR MANHOLE DEPTHS & ENGINEER CALCULATED CIPP THICKNESS



MATCHLINE STA, SEE SHEET 7

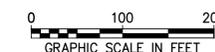
MATCHLINE STA, SEE SHEET 8

DATE: \_\_\_\_\_

REVISIONS		
NO.	DATE	DESCRIPTION

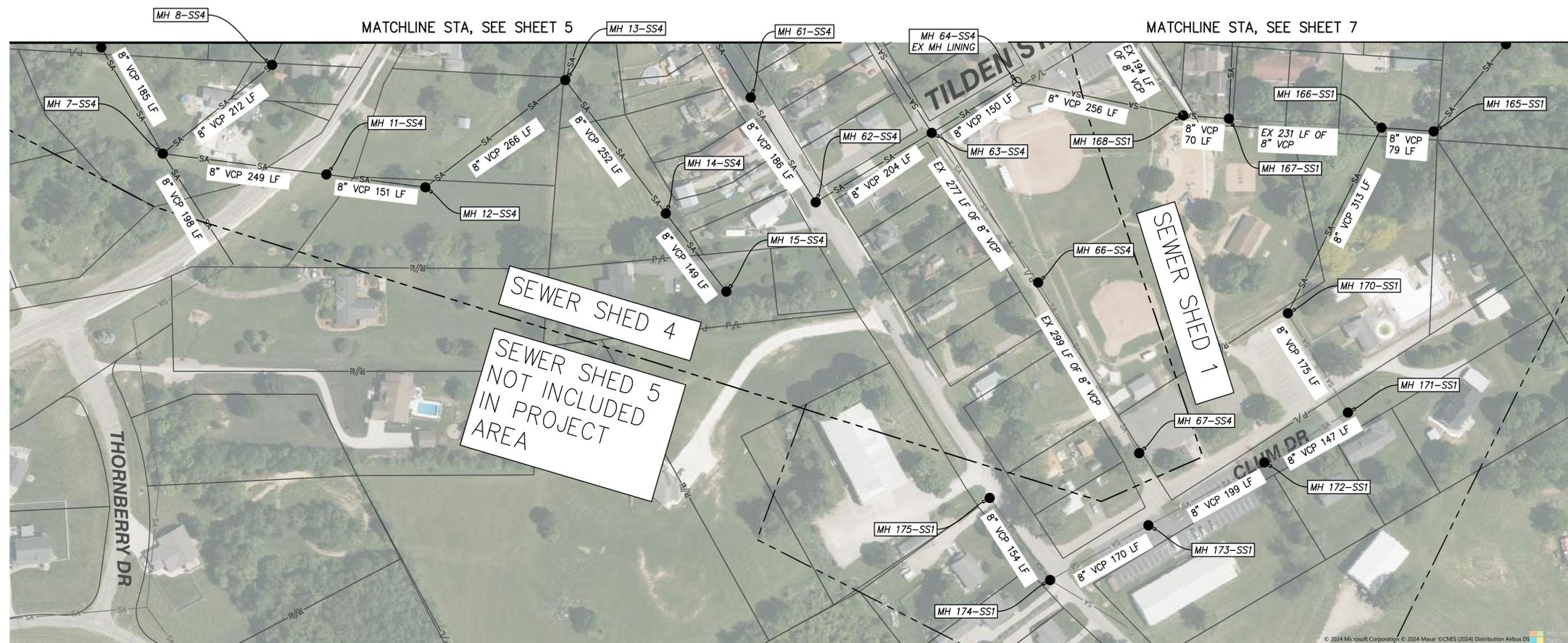
PROJECT NO.: 23-00602-010  
 DRAWN BY: ARC  
 CHECKED BY: JPC  
 DATE ISSUED: YYYY/MM/DD

**SCHEMATIC PLAN 3**



**LEGEND:**

- SA — PROPOSED SANITARY PIPE TO BE LINED
- - - SA - - - EXISTING SANITARY PIPE
- - - - SEWER SHED BOUNDARY
- EXISTING SANITARY MANHOLE
- SANITARY MANHOLE TO BE LINED



SEWER SHED 4  
 SEWER SHED 5  
 NOT INCLUDED  
 IN PROJECT  
 AREA

**NOTES:**

1. PIPE LENGTHS ARE BASED ON GPS SURVEY DATA. CONTRACTOR SHOULD VERIFY LENGTHS DURING PREPARATION, CLEANING, AND INSPECTION PHASE OF CIPP PROCESS
2. SEE SHEET 3 FOR MANHOLE DEPTHS & ENGINEER CALCULATED CIPP THICKNESS

**WWTP IMPROVEMENTS:  
 PHASE II INFILTRATION AND  
 INFLOW PROJECT  
 VILLAGE OF THORNVILLE**

DATE:

REVISIONS		
Δ	DATE	DESCRIPTION

PROJECT NO.: 23-00602-010  
 DRAWN BY: ARC  
 CHECKED BY: JPC  
 DATE ISSUED: YYYY/MM/DD

**SCHEMATIC PLAN 4**

