

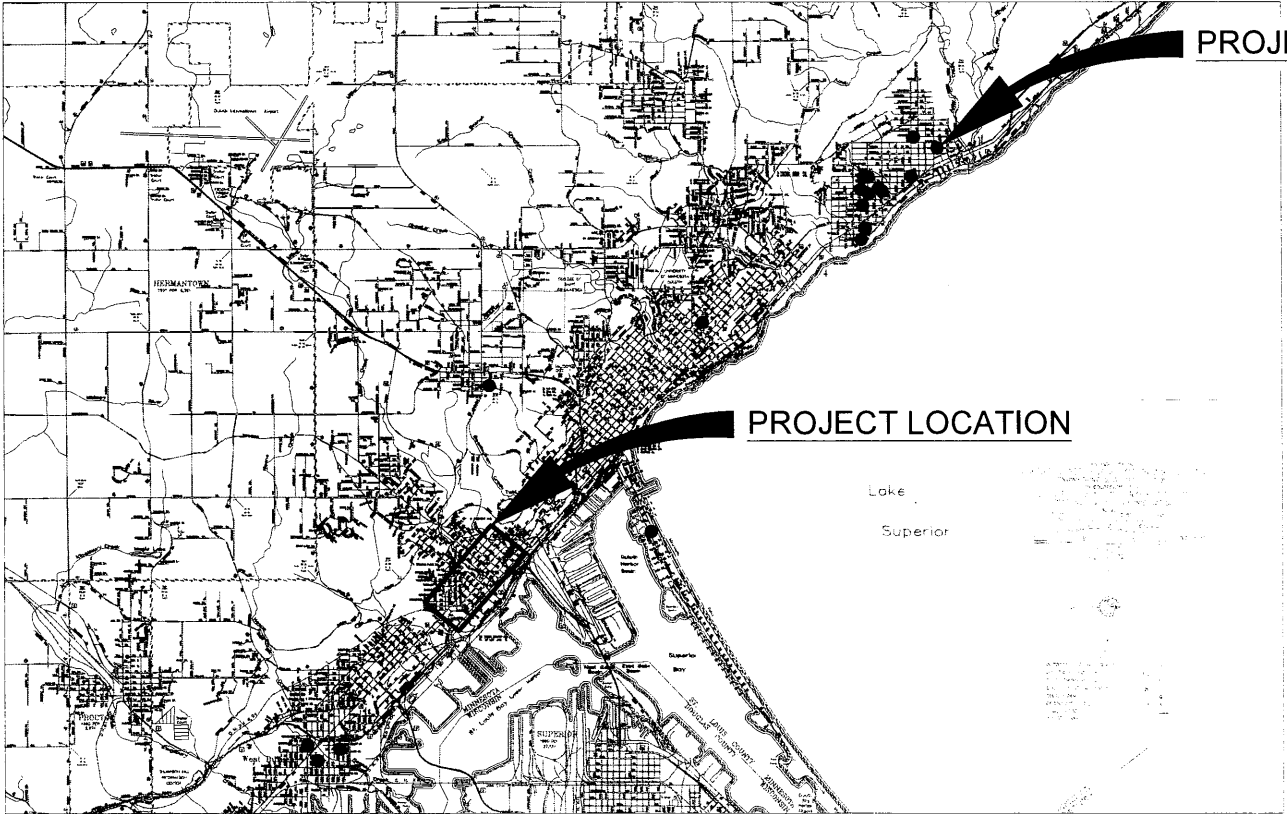
<b>EXISTING</b>	
	RIGHT OF WAY
	PERMANENT EASEMENT
	PROPERTY LINE
	HORIZONTAL CONTROL POINT
	BENCHMARK
	SURVEY MARKER
	SOIL BORING
	SANITARY SEWER AND MANHOLE
	FORCE MAIN AND LIFT STATION
	SANITARY SEWER SERVICE & CLEANOUT
	WATER MAIN, HYDRANT, VALVE AND MANHOLE
	WATER SERVICE AND CURB STOP BOX
	STORM SEWER, MANHOLE AND CATCH BASIN
	CULVERT AND APRON ENDWALL
	GAS MAIN, VALVE, VENT AND METER
	HANDHOLE
	BURIED FIBER OPTIC CABLE AND MANHOLE
	BURIED PHONE CABLE, PEDESTAL AND MANHOLE
	BURIED TV CABLE, PEDESTAL AND MANHOLE
	BURIED ELECTRIC CABLE, PEDESTAL, MANHOLE, TRANSFORMER AND METER
	OVERHEAD WIRE, POLE AND GUY WIRE
	LIGHT POLE
	TRAFFIC SIGNAL
	STREET NAME SIGN
	SIGN (NON STREET NAME)
	RAILROAD TRACKS
	DECIDUOUS AND CONIFEROUS TREE
	BUSH / SHRUB AND STUMP
	EDGE OF WOODED AREA
	WETLAND
	BUILDING
	FENCE (UNIDENTIFIED)
	BARBED WIRE FENCE
	CHAIN LINK FENCE
	ELECTRIC WIRE FENCE
	WOOD FENCE
	WOVEN WIRE FENCE
	PLATE BEAM GUARDRAIL
	CABLE GUARDRAIL
	POST / BOLLARD
	RETAINING WALL
<b>PROPOSED</b>	
	STREET CENTERLINE
	RIGHT-OF-WAY
	PERMANENT EASEMENT
	TEMPORARY EASEMENT
	CONSTRUCTION LIMITS
	SANITARY SEWER, BULKHEAD AND MANHOLE
	FORCE MAIN
	SANITARY SERVICE AND CLEANOUT
	WATER MAIN, TEE, HYDRANT, BULKHEAD AND VALVE
	WATER VALVE MANHOLE, REDUCER, BEND AND CROSS
	WATER SERVICE AND CURB STOP BOX
	STORM SEWER, MANHOLE AND CATCH BASIN
	CULVERT AND APRON ENDWALL
	DRAIN TILE
	DITCH / SWALE
	RIPRAP
	STREET NAME SIGN
	SIGN (NON STREET NAME)
	RETAINING WALL

# CITY OF DULUTH, MINNESOTA

## CONSTRUCTION PLANS FOR

### 2023 LEAD WATER SERVICE REPLACEMENT - PHASE 3 LOWER LINCOLN PARK AND CHILDCARE PROVIDERS

CITY PROJECT NO. 2081

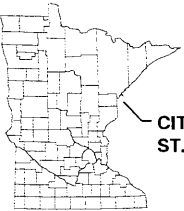


PROJECT LOCATION

N.T.S.

PROJECT LOCATION

PROJECT LOCATION



CITY OF DULUTH,  
ST. LOUIS COUNTY

NOTE:  
THE SUBSURFACE UTILITY QUALITY INFORMATION IN THIS PLAN IS LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02 ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

THE CONTRACTOR SHALL CALL THE ONE CALL SYSTEM AT 811 BEFORE COMMENCING EXCAVATION.



Know what's below.  
Call before you dig.

#### GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN EXCEPT AS MODIFIED BY THE SPECIFICATIONS FOR THIS PROJECT.

THE 2019 EDITION OF THE CITY OF DULUTH PUBLIC WORKS AND UTILITIES DEPARTMENT STANDARD CONSTRUCTION SPECIFICATION AND ALL AMENDMENTS SHALL APPLY.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

#### INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-7	LOCATION MAPS
8	STATEMENT OF ESTIMATED QUANTITIES
9-21	TABULATIONS
22-24	DETAILS
25-189	LOWER LINCOLN PARK
155,158,160,164,172	WATER MAIN EXTENSIONS
190-206	CHILDCARE PROVIDERS

THIS PLAN CONTAINS 206 SHEETS.

PLAN PAGE EXCERPT FOR  
LOCATION INFORMATION ONLY  
- NOT FOR CONSTRUCTION

APPROVED:

CHIEF ENGINEER OF TRANSPORTATION

6/20/23  
DATE

APPROVED:

CHIEF ENGINEER OF UTILITIES

6-20-23  
DATE

APPROVED:

CITY ENGINEER

6-20-23  
DATE

DULUTH, MINNESOTA



PHONE: 218.279.3000  
418 W SUPERIOR ST  
STE 200  
DULUTH, MN 55802-1512  
www.sehinc.com

Signature  
Cory Ahlman

Date 6-20-23 Lic. No. 50346

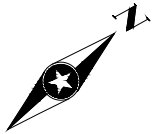
PROJECT NO.

169747

1

of 206





CHESTNUT ST

W 3RD ST

VERNON ST

CHESTNUT ST

GRAND FORKS AVE

N 30TH AVE W

N 29TH AVE W

W 1ST ST

N 28TH AVE W

N 27TH AVE W

N 26TH AVE W

W SUPERIOR ST

PLAN PAGE EXCERPT FOR  
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LEGEND

PROPOSED WATER PIPE

000SHEET NUMBER

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SEH Project	DULUT 169747	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	TRS	.			.		
Designed By	CRA	.			.		
Checked By	DRH	.			.		



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LICENSE PROFESSIONAL UNDER THE LAWS OF THE STATE OF MINNESOTA.

LICENSE NAME:XX  
DATE XX-XX-XX  
LICENSE NO. LICENSE NO.

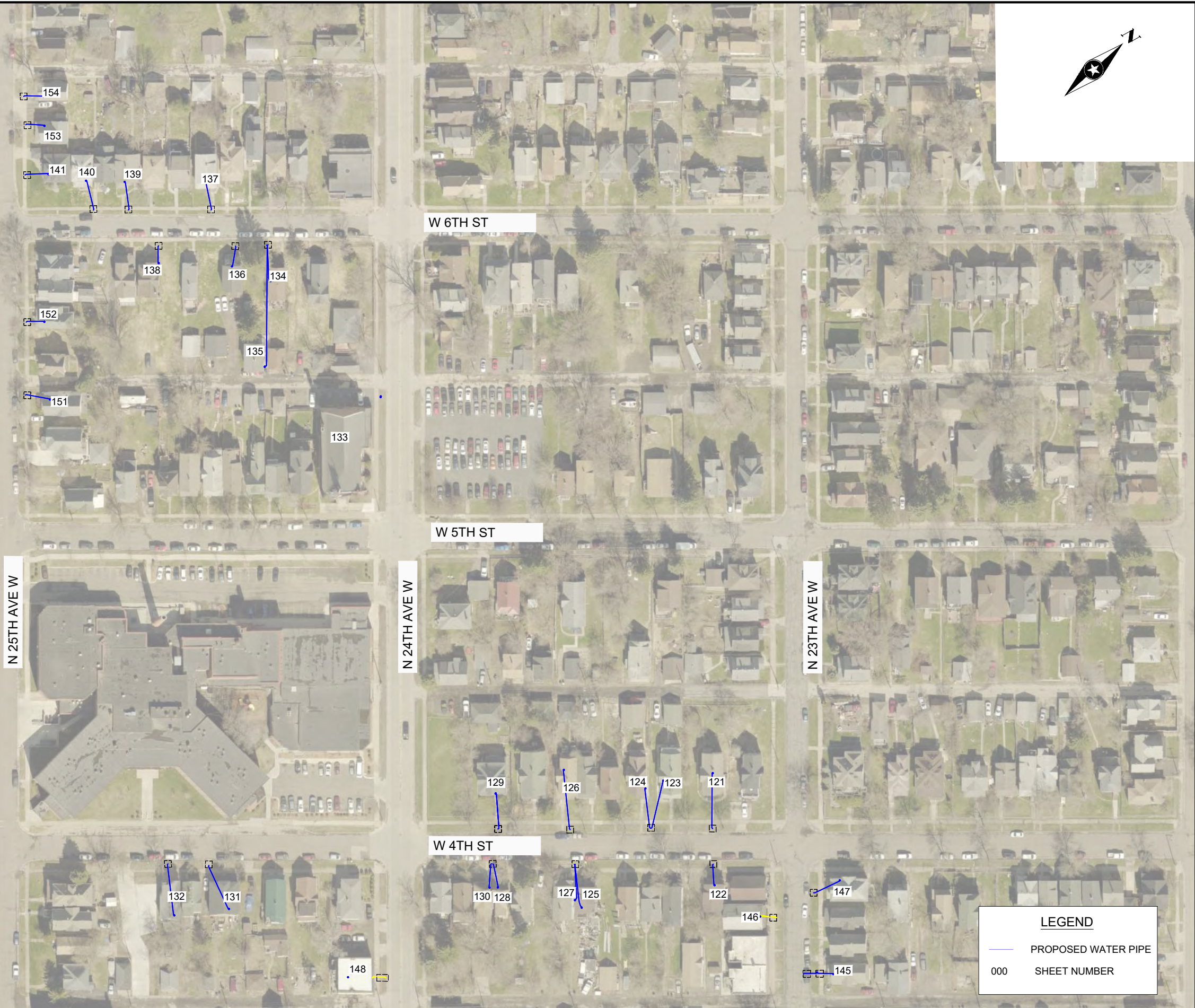
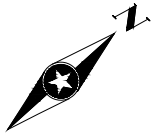
2023 LEAD WATER SERVICE REPLACEMENT - PHASE 3  
LOWER LINCOLN PARK AND CHILDCARE PROVIDERS  
DULUTH, MN

LOCATION MAP  
LOWER LINCOLN PARK  
WEST



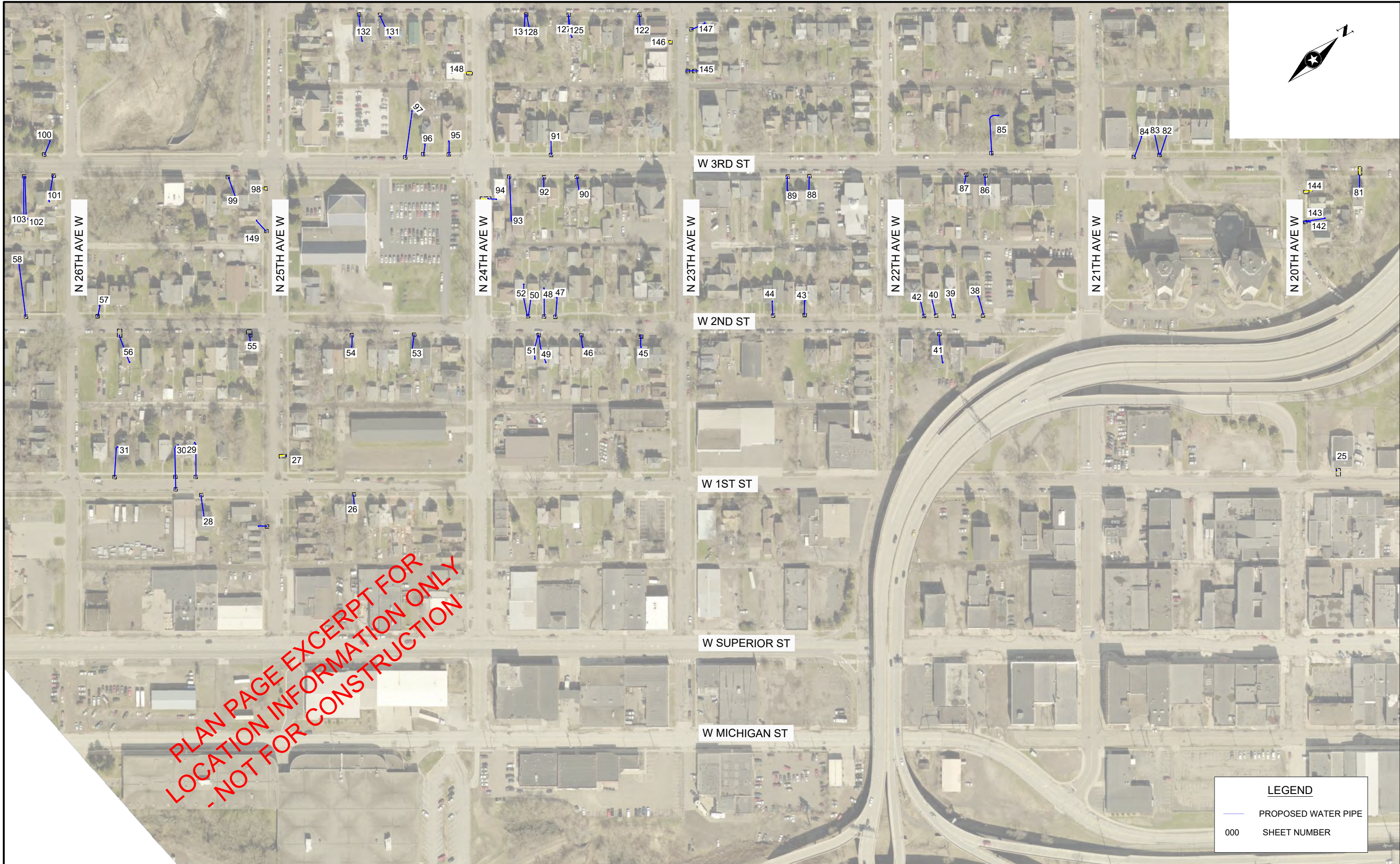
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LEGEND

PROPOSED WATER PIPE

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SHEET NUMBER



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LEGEND

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PROPOSED LOCATION


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LEGEND

PROPOSED LOCATION

SHEET NUMBER



