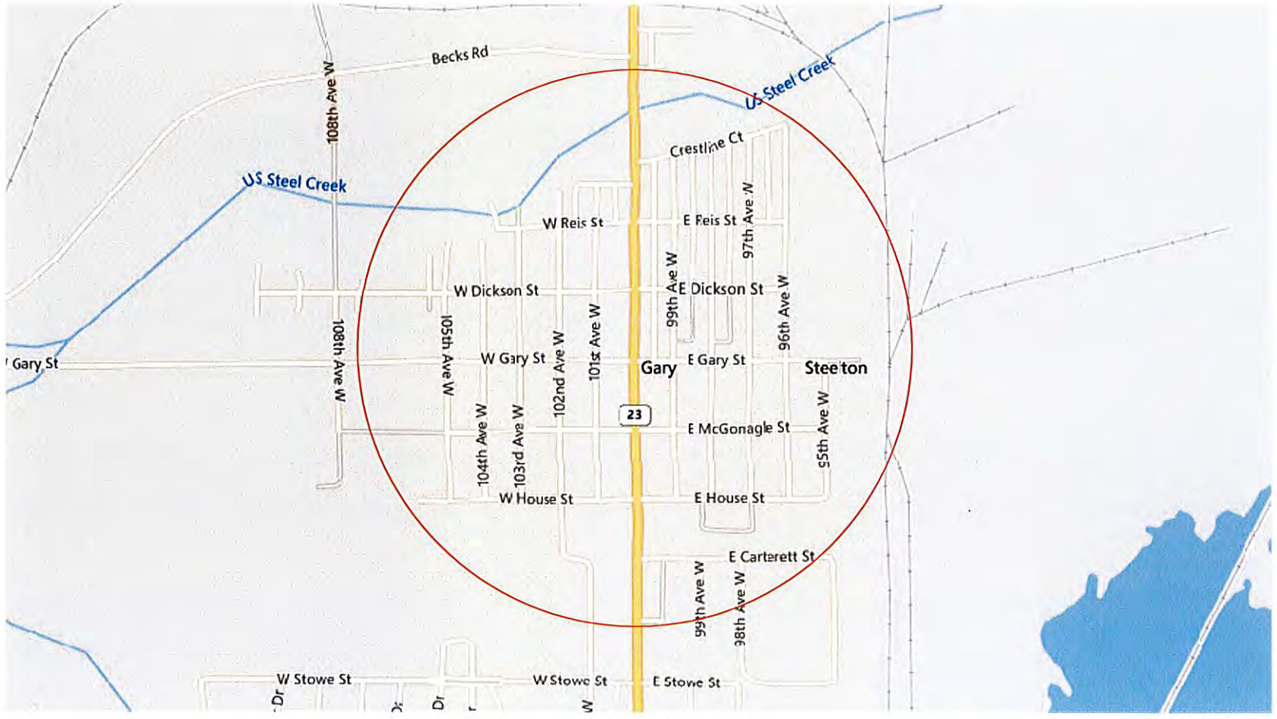
CITY OF DULUTH

DEPARTMENT OF PUBLIC WORKS AND UTILITIES - ENGINEERING DIVISION

CONSTRUCTION PLANS FOR: 2023 LEAD WATER SERVICE REPLACEMENT - PHASE I
LOCATION: GARY NEIGHBORHOOD, DULUTH, MN
CITY PROJECT NUMBER: 2079

LEGEND

- EXISTING WATER MAIN
- EXISTING GATE VALVE & HYDRANT
- WATER SERVICE & CURB STOP
- PROPOSED WATERMAIN, VALVE, & HYDRANT
- PROPOSED WATER SERVICE & CURB STOP
- EXISTING SANITARY SEWER & MANHOLE
- EXISTING FORCEMAIN
- EXISTING STORM SEWER & INLET
- PROPOSED STORM SEWER & INLET
- PROPOSED MANHOLE & SEWER MAIN
- BURIED ELECTRIC
- BURIED GAS & VALVE
- BURIED CABLE TELEVISION
- BURIED TELEPHONE
- BURIED FIBER OPTICS
- OVERHEAD UTILITY
- RAILROAD TRACKS
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK
- EXISTING CULVERT PIPE
- PROPOSED CULVERT PIPE
- FENCE LINE
- DRAINAGE ARROW
- SILT FENCE
- RIGHT-OF-WAY
- BASELINE
- PROPERTY LINE
- TREE LINE
- BENCHMARK
- IRON PIPE
- IRON ROD
- CONTROL POINT
- UTILITY POLE & GUY
- SOIL BORING
- LIGHT POLE
- PEDESTAL
- STREET SIGN
- MAILBOX
- FLAGPOLE
- TREE - DECIDUOUS
- TREE - CONIFEROUS
- TREE TO BE REMOVED



SITE LOCATION MAP
NOT TO SCALE

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-.2, ENTILTED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.
AVAILABLE AT:
http://www.dot.state.mn.us/pre-letting/spec/index.html

THE 2019 EDITION OF THE CITY OF DULUTH PUBLIC WORKS AND UTILITIES DEPARTMENT CONSTRUCTION STANDARDS AND SUPPLEMENTS OR ADDENDUMS SHALL APPLY.
AVAILABLE AT:
http://www.duluthmn.gov/engineering/standard-construction-specifications/

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WARNING:
LOCATION OF UNDERGROUND UTILITIES TO BE VERIFIED BY CONTRACTOR. CALL BEFORE DIGGING. GOPHER STATE ONE CALL 1-800-252-1166 AS REQUIRED BY LAW.

SHEET INDEX

SHEET NO.	DESCRIPTION
G1	TITLE SHEET
G2	SEQ & GENERAL NOTES
G3 - 12	SEQ CHARTS
G13	EROSION CONTROL
G14	TRAFFIC CONTROL
G15 - 20	DETAILS
G21 - 23	STREET SECTION DETAILS
24	SITE ID OVERVIEW MAP
25 - 193	PLAN PAGES

THIS PLAN SET CONTAINS 193 SHEETS.

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

Jon Loye — 04/27/2023 — 52222
PROJECT ENGINEER / ENGINEER'S NAME — DATE — REG NO.

CITY APPROVAL

APPROVED — CHIEF ENGINEER OF TRANSPORTATION — 5/11/23 DATE

APPROVED — CHIEF ENGINEER OF UTILITIES — 5-11-23 DATE

APPROVED — CITY ENGINEER — 5-11-23 DATE

PROJECT LOCATION
ST. LOUIS COUNTY
CITY OF DULUTH

PLAN PAGE EXCERPT FOR LOCATION INFORMATION ONLY - NOT FOR CONSTRUCTION

PROJECT DATE: 03-01-2023	DRAWN BY: WRT	NO.	DATE	REVISION	BY
	DESIGNED BY: WRT	.	.	.	.
	CHECKED BY: JL	.	.	.	.

PLOT DATE: 5/5/2023 2:28 PM, G:\00\00616\00616188\CADD\construction documents\00616188 Title Sheet.dwg

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

APRIL 27, 2023 — Date
JON LOYE, P.E.
52222 — License No.

MSA — ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
332 W Superior Street, Duluth MN 55802
(218) 722-3915 www.msa-ps.com
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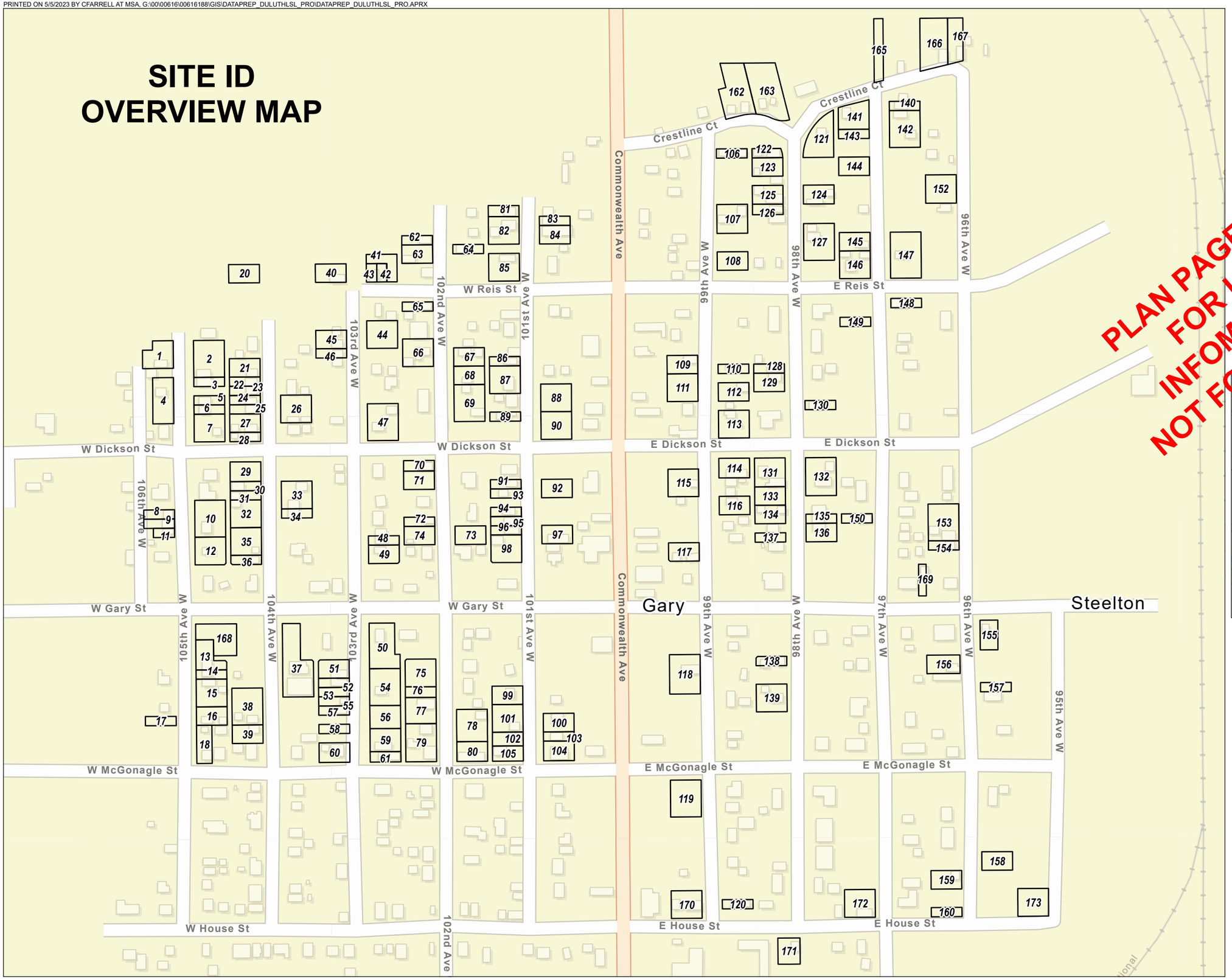
2023 DULUTH LEAD SERVICE REPLACEMENT
PHASE I
GARY NEIGHBORHOOD; DULUTH, MN

TITLE SHEET

PROJECT NO. 00616188
SHEET G1

SITE ID OVERVIEW MAP



CITY OF DULUTH
DEPARTMENT OF PUBLIC WORKS/
UTILITIES ENGINEERING DIVISION
211 CITY HALL • DULUTH MN 55802
(218) 730-5200 FAX: (218) 730-5907

MSA PROFESSIONAL
SERVICES, INC.
(800) 362-4505
WWW.MSA-PS.COM

DATA SOURCES:
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LICENSE NO.
52222

APRIL 2023

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LOCATOR MAP

GARY NEIGHBORHOOD

PARCELS IN PLAN SET

0 150 300 FEET

N

SITE ID OVERVIEW MAP
GARY NEIGHBORHOOD
DULUTH, MINNESOTA
CITY PROJECT NUMBER: 2079
2023 LEAD WATER
SERVICE REPLACEMENT
PHASE I