

WATERMAIN EXTENSION SYMBOLS	
—	RIGHT OF WAY
—	PERMANENT EASEMENT
—	PROPERTY LINE
△ <sup>xx</sup>	HORIZONTAL CONTROL POINT
●	BENCHMARK
●	SURVEY MARKER
●	SOIL BORING
—	SANITARY SEWER AND MANHOLE
FM	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
G	GAS MAIN, VALVE, VENT AND METER
HH	HANDLE
FO	BURIED FIBER OPTIC CABLE AND MANHOLE
T-BUR	BURIED PHONE CABLE, PEDESTAL AND MANHOLE
TV-BUR	BURIED TV CABLE, PEDESTAL AND MANHOLE
E	BURIED ELECTRIC CABLE, PEDESTAL, MANHOLE, TRANSFORMER AND METER
P-BUR	OVERHEAD WIRE, POLE AND GUY WIRE
—	LIGHT POLE
—	TRAFFIC SIGNAL
—	STREET NAME SIGN
—	SIGN (NON STREET NAME)
—	DECIDUOUS AND CONIFEROUS TREE
—	BUSH / SHRUB AND STUMP
—	EDGE OF WOODED AREA
—	WETLAND
—	BUILDING

**PROPOSED**

—	RIGHT-OF-WAY
—	PERMANENT EASEMENT
—	TEMPORARY EASEMENT
—	CONSTRUCTION LIMITS
—	SANITARY SEWER, BULKHEAD AND MANHOLE
FM	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
—	STREET NAME SIGN
—	SIGN (NON STREET NAME)

**LSLR SITE REPLACEMENT SYMBOLS**

—	PROPOSED WATER MAIN
●	PROPOSED CURB STOP
—	PROPOSED SERVICE - EXTERIOR OF HOME
—	PROPOSED SERVICE - INTERIOR OF HOME
WTR	EXISTING WATER MAIN
—	EXISTING WATER SERVICE
—	1" HDPE SDR 9 SERVICE PIPE
—	EXISTING GAS MAIN
—	ABANDONED GAS MAIN
—	EXISTING GAS SERVICE
—	SAN
—	EXISTING SANITARY SERVICE
STRM	EXISTING STORM SEWER
●	EXISTING CURB STOP
●	EXISTING WATER VALVE
●	EXISTING HYDRANT
M	EXISTING GAS METER
S	EXISTING SANITARY MANHOLE
◆	EXISTING STORM CATCH BASIN
▲	EXISTING STORM INLET
●	EXISTING STORM MANHOLE

**WARNING**  
LOCATION OF UNDERGROUND UTILITIES  
TO BE VERIFIED BY CONTRACTOR.  
CALL BEFORE DIGGING.  
COPPER STATE ONE CALL  
811 OR 1-800-252-1166  
REQUIRED BY LAW

INDEX MAP 1000 ft.

# CITY OF DULUTH

## DEPARTMENT OF PUBLIC WORKS AND UTILITIES

### ENGINEERING DIVISION

**CONSTRUCTION PLAN FOR LEAD SERVICE LINE REPLACEMENT (LSLR) - LINCOLN PARK 4**LEAD WATER SERVICE LINE REPLACEMENT, GRADING, BASE, ROADWAY PAVEMENT,  
SIDEWALK, CURB & GUTTER, AND WATER MAIN EXTENSIONS**LOCATION**

## LINCOLN PARK NEIGHBORHOOD

