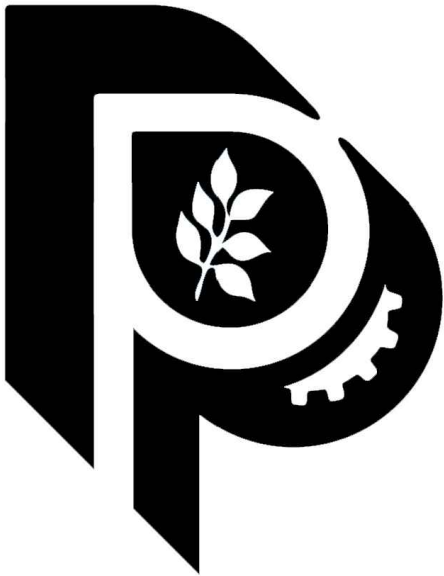


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THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY LEVEL QUALITY D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY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

NOTE: THE EXACT LOCATION OF UNDERGROUND UTILITIES SUCH AS GAS, TELEPHONE, WATER, ETC. ARE UNKNOWN. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITIES BEFORE COMMENCING EXCAVATION.

GOPHER STATE ONE CALL: (651) 454-0002



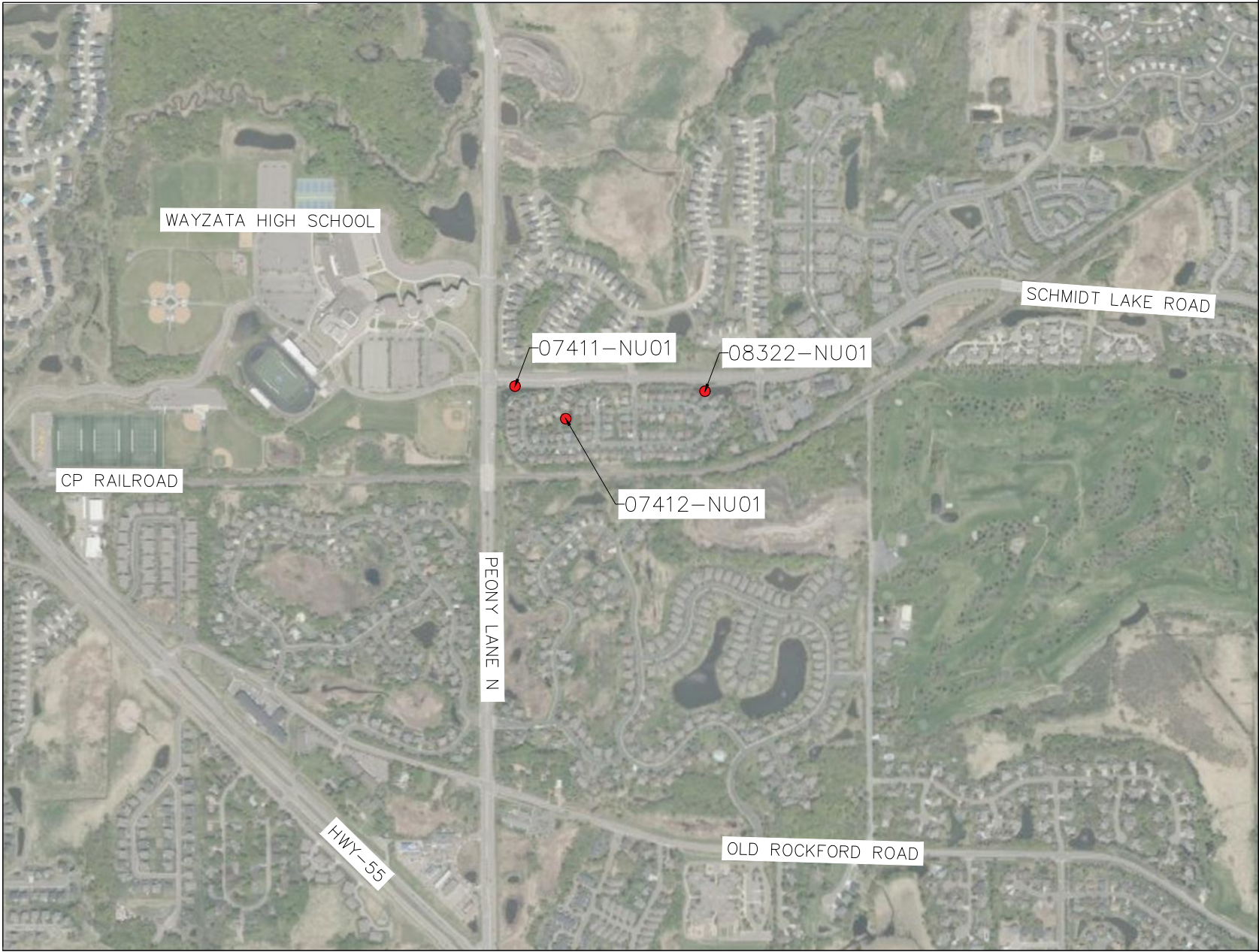
PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

CITY OF PLYMOUTH

HENNEPIN COUNTY, MINNESOTA

2023 POND MAINTENANCE

CITY PROJECT NO. WR239001



PROJECT LOCATION MAP

GOVERNING SPECIFICATIONS

THE FOLLOWING SPECIFICATIONS SHALL GOVERN THIS PROJECT, EXCEPT AS MODIFIED BY THE PROJECT MANUAL SPECIAL PROVISIONS:

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION THE MOST CURRENT "STANDARD SPECIFICATIONS FOR CONSTRUCTION",

THE MARCH 2023 CITY OF PLYMOUTH ENGINEERING GUIDELINES & STANDARD DETAIL SPECIFICATIONS FOR SANITARY SEWER, WATERMAIN, STORM SEWER & STREET CONSTRUCTION,

THE CONTRACT DOCUMENTS, INCLUDING THE SPECIAL PROVISIONS,

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

ALL TRAFFIC DEVICES SHALL CONFORM TO THE MMUTCD, INCLUDING "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS" – CURRENT EDITION.

SHEET DESCRIPTION

SHEET NO.	TITLE
1	COVERSHEET
2	GENERAL NOTES AND DETAILS
3	POND 07411-NU01 REMOVALS AND EROSION CONTROL
4	POND 07411-NU01 GRADING AND RESTORATION
5	POND 07412-NU01 REMOVALS AND EROSION CONTROL
6	POND 07412-NU01 GRADING AND RESTORATION
7	POND 08322-NU01 REMOVALS AND EROSION CONTROL
8	POND 08322-NU01 GRADING AND RESTORATION

THIS PLAN SET CONTAINS 8 SHEETS



3400 PLYMOUTH BLVD.
PLYMOUTH, MN 55447
763-509-5500

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.

ENGR.
CHRISTOPHER MCKENZIE, P.E.

Reg. No. 48260 Date 12/1/2023

CITY
PROJECT NO.
WR239001

SHEET
1
OF
8

2023 POND MAINTENANCE GENERAL NOTES

1. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY LEVEL QUALITY D, GENERATED FROM A GOPHER STATE ONE CALL DESIGN LOCATE TICKET. THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL BEFORE COMMENCING ANY EXCAVATION. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES CAUSED TO UTILITIES DURING CONSTRUCTION.
2. ALL EXCAVATED MATERIAL IS THE PROPERTY OF THE CONTRACTOR. CONTRACTOR MUST PROVIDE THE CITY THE ADDRESS OF LOCATION EXCESS MATERIAL IS HAULED TO.
3. CONTRACTOR MUST MAINTAIN EROSION CONTROL FOR THE ENTIRE PROJECT UNTIL VEGETATION IS ESTABLISHED TO 70% GROWTH.
4. ACCESS TO LOCAL RESIDENCES MUST BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION.
5. A MINIMUM OF 48 HRS. NOTICE IS REQUIRED FOR ALL STAKING REQUESTS.
6. THE MOST CURRENT CITY OF PLYMOUTH ENGINEERING STANDARD DETAIL SPECIFICATION FOR SEWER, WATER, STORM SEWER, & STREETS APPLY TO THIS PROJECT.
7. ALL SEDIMENT CONTROL BMP'S MUST BE INSTALLED PRIOR TO ANY SOIL DISTURBING ACTIVITIES.
8. NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS MARKED BY THE CITY OF PLYMOUTH FOR REMOVAL.
9. TRAFFIC CONTROL MUST BE PROPERLY MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE MNDOT TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS BOOKLET.
10. ACTUAL EXCAVATION LOCATIONS SHALL BE MARKED IN FIELD BY ENGINEER.
11. PROPOSED CONDITIONS AND QUANTITIES ARE BASED ON EXISTING CONDITIONS SURVEYED AND PROPOSED CONTOURS SHOWN ON PLANS.
12. CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPING.
13. CONTRACTOR SHALL PROTECT AND REINFORCE AREAS OVER PIPES TO ENSURE DAMAGE IS NOT DONE TO EXISTING UTILITIES. REPLACEMENT OF DAMAGED UTILITIES IS INCIDENTAL AND THE RESPONSIBILITY OF THE CONTRACTOR.
14. CONTRACTOR SHALL USE DESIGNATED PROJECT ACCESS POINTS UNLESS ALTERNATE ACCESS POINTS ARE APPROVED BY ENGINEER.
15. EXACT PROJECT ACCESS POINTS SHALL BE MARKED IN THE FIELD BY ENGINEER.
16. SOILS TRACKED FROM THE SITE BY MOTOR VEHICLES MUST BE CLEANED DAILY (OR MORE FREQUENTLY, AS NECESSARY) FROM PAVED ROADWAY SURFACES THROUGHOUT THE DURATION OF CONSTRUCTION.
17. ALL EXPOSED SOIL AREAS MUST BE STABILIZED AS SOON AS POSSIBLE, BUT IN NO CASE LATER THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED.
18. STORM SEWER INLETS SHALL BE PROVIDED WITH DEBRIS GUARDS AND MICROSILT BASINS TO TRAP SEDIMENT AND AVOID POSSIBLE DAMAGE FROM BLOCKAGE. THE SILT SHALL BE REMOVED WHEN NECESSARY, AND AS DIRECTED BY ENGINEER. IF SEDIMENT/SILTATION MEASURES TAKEN ARE NOT ADEQUATE AND RESULT IN DOWNSTREAM SEDIMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OUT OR DREDGING DOWNSTREAM STORM SEWERS AND PONDS AS NECESSARY, AND AS DIRECTED BY ENGINEER. PRODUCTS TO BE APPROVED BY ENGINEER.
19. NO BID ITEM HAS BEEN PROVIDED FOR DEWATERING AS ALL DEWATERING WORK NECESSARY FOR CONSTRUCTION WILL BE CONSIDERED INCIDENTAL.
20. ALL WATER DISCHARGED FROM DEWATERING OR BASIN-DRAINING MUST BE DISCHARGED IN A MANNER THAT DOES NOT CAUSE NUISANCE CONDITIONS TO WATERS OF THE STATE, EROSION IN RECEIVING WATERS, INUNDATION OF WETLANDS, OR DAMAGE TO PROPERTIES. APPROPRIATE BMPS MUST BE USED TO TREAT THE WATER PRIOR TO DISCHARGE. THE CONTRACTOR MUST ENSURE THAT DISCHARGE POINTS ARE ADEQUATELY PROTECTED FROM EROSION AND SCOUR BY AN ENERGY DISSIPATION DEVICE.
21. CONTRACTOR WILL BE RESPONSIBLE FOR APPLYING FOR ANY DNR WATER APPROPRIATIONS PERMITS (IF NECESSARY).

2023 POND MAINTENANCE EXCAVATION SUMMARY			
POND	SUBDIVISION	EXCAVATION VOLUME (CY)	MANAGEMENT LEVEL
07411-NU01	CONOR MEADOWS	104	LEVEL 1
07412-NU01	CONOR MEADOWS	183	LEVEL 1
08322-NU01	CONOR MEADOWS	649	LEVEL 1 (EAST SIDE) AND LEVEL 2 (WEST SIDE)

[illegible]

I hereby certify that this plan, specification or report 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.

Signature: Christopher McKenzie
CHRISTOPHER MCKENZIE

Date: 12/1/2023 License#: 48260

DRAWN BY	DATE
J ZEA	9/23
DESIGNED BY	
J ZEA	9/23
REVIEWED BY	
C MCKENZIE	9/23
CITY PROJECT NO.	
WR-239001	

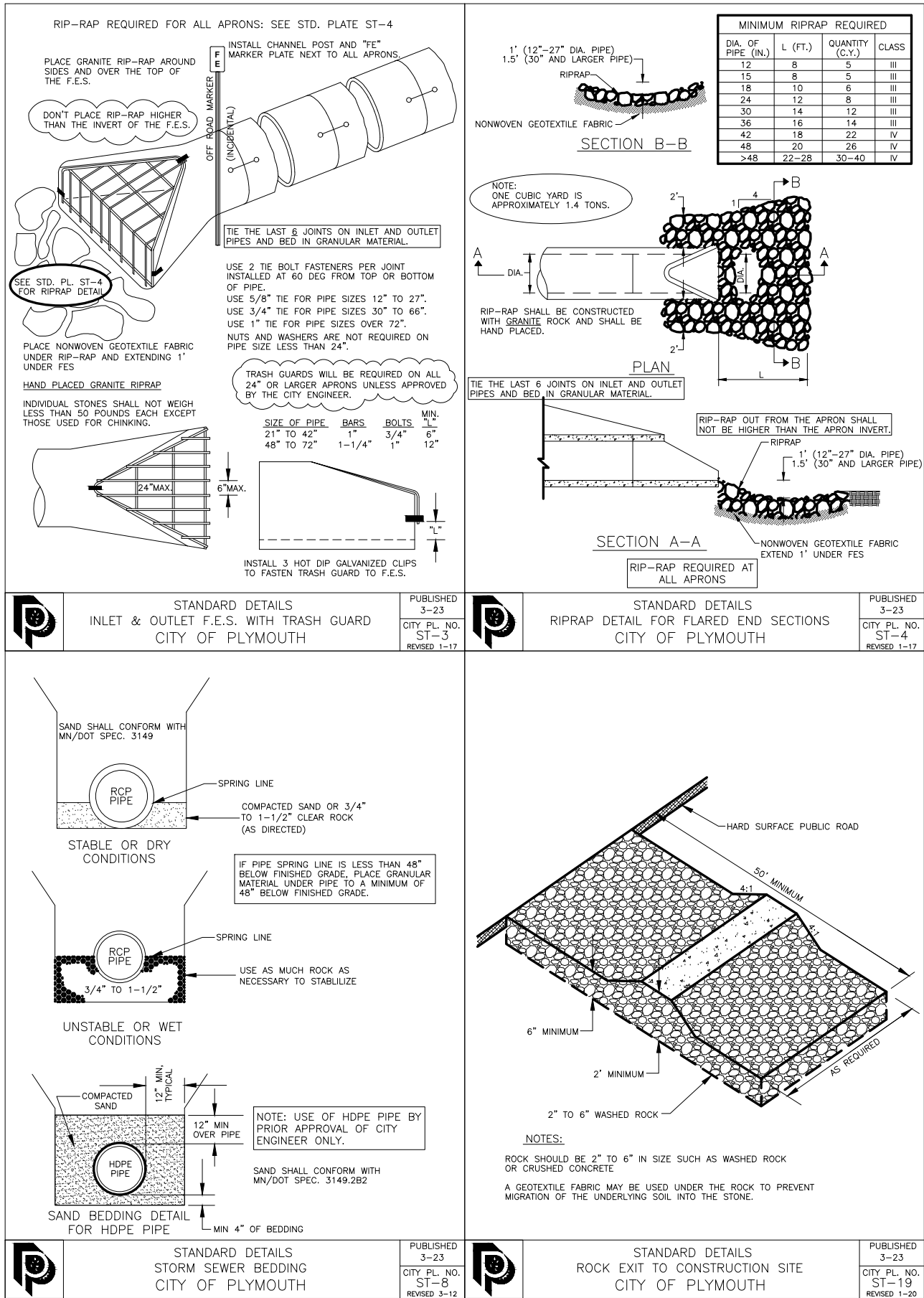


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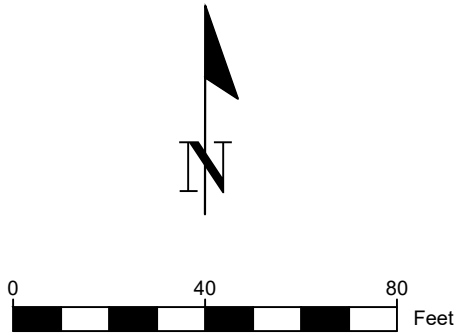
WR239001 – 2023 POND MAINTENANCE

GENERAL NOTES AND DETAILS

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KEYNOTES

- #
1. CLEAR AND GRUB
 2. SALVAGE AND REINSTALL POND AERATOR (INCD.)
 3. SALVAGE OR PROTECT STONE
 4. HAND PLACED RIP RAP CL.III

LEGEND

- CONSTRUCTION BOUNDARY
- EXISTING EASEMENT BOUNDARY
- 900

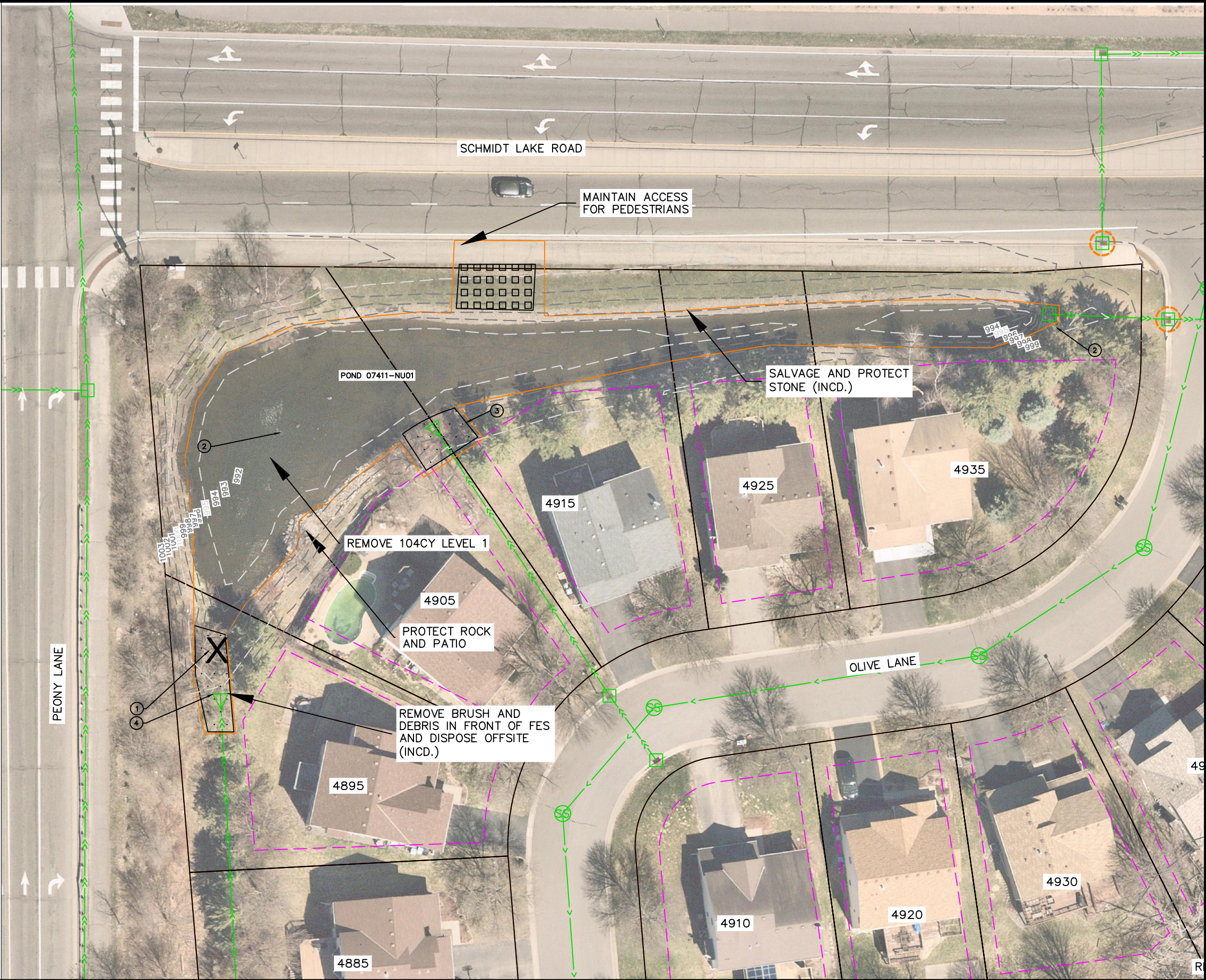
EXISTING MAJOR CONTOUR
- 901

EXISTING MINOR CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- WET

EXISTING WETLAND
- BIOLOG
- PARCEL BOUNDARY
- ROCK CONSTRUCTION ENTRANCE
- CLEAR AND GRUB
- INLET PROTECTION
- EXISTING TREE PROTECT (INCD.)
- CLEAR AND GRUB
- SS

EXISTING SANITARY MANHOLE
- ST

EXISTING STORM MANHOLE
- EXISTING CATCH BASIN



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CITY PROJECT NO. WR-239001

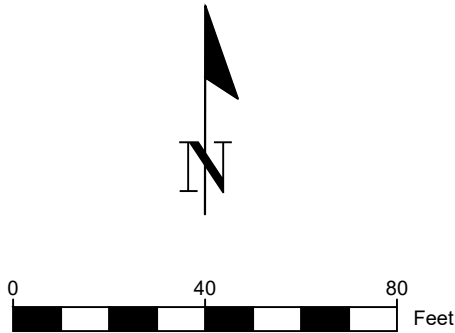


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WR239001 - 2023 POND MAINTENANCE
POND 07411-NU01 REMOVALS AND EROSION CONTROL

SHEET
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OF
8

NO	DATE	BY	CHKD	APPR	REVISION



KEYNOTES

- #
1. RE-SEED
 2. SALVAGE AND REINSTALL POND AERATOR (INCD.)
 3. SALVAGE OR PROTECT STONE
 4. HAND PLACED RIP RAP CL.III

LEGEND

- CONSTRUCTION BOUNDARY
- 900

EXISTING MAJOR CONTOUR
- 901

EXISTING MINOR CONTOUR
- 900

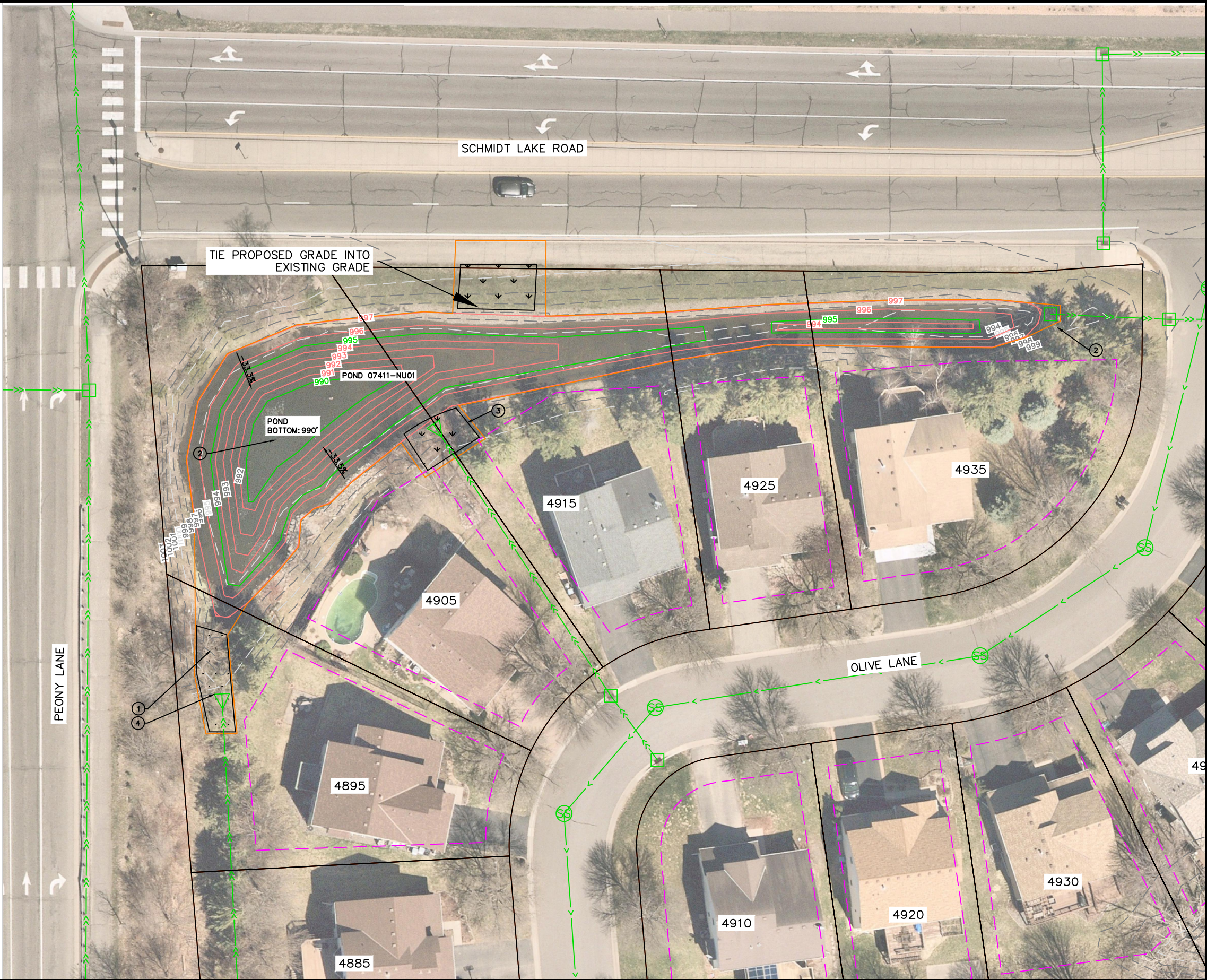
PROPOSED MAJOR CONTOUR
- 901

PROPOSED MINOR CONTOUR
- MNDOT SEED MIX 25-151 AND EROSION BLNKT CATEGORY 15
- PARCEL BOUNDARY
- EXISTING TREE
- WET

EXISTING WETLAND
- SS

EXISTING SANITARY MANHOLE
- ST

EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER



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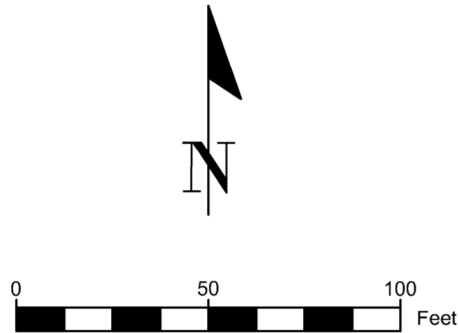
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WR239001 - 2023 POND MAINTENANCE
POND 07411-NU01 GRADING AND RESTORATION

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OF
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NO	DATE	BY	CHK	APPR	REVISION

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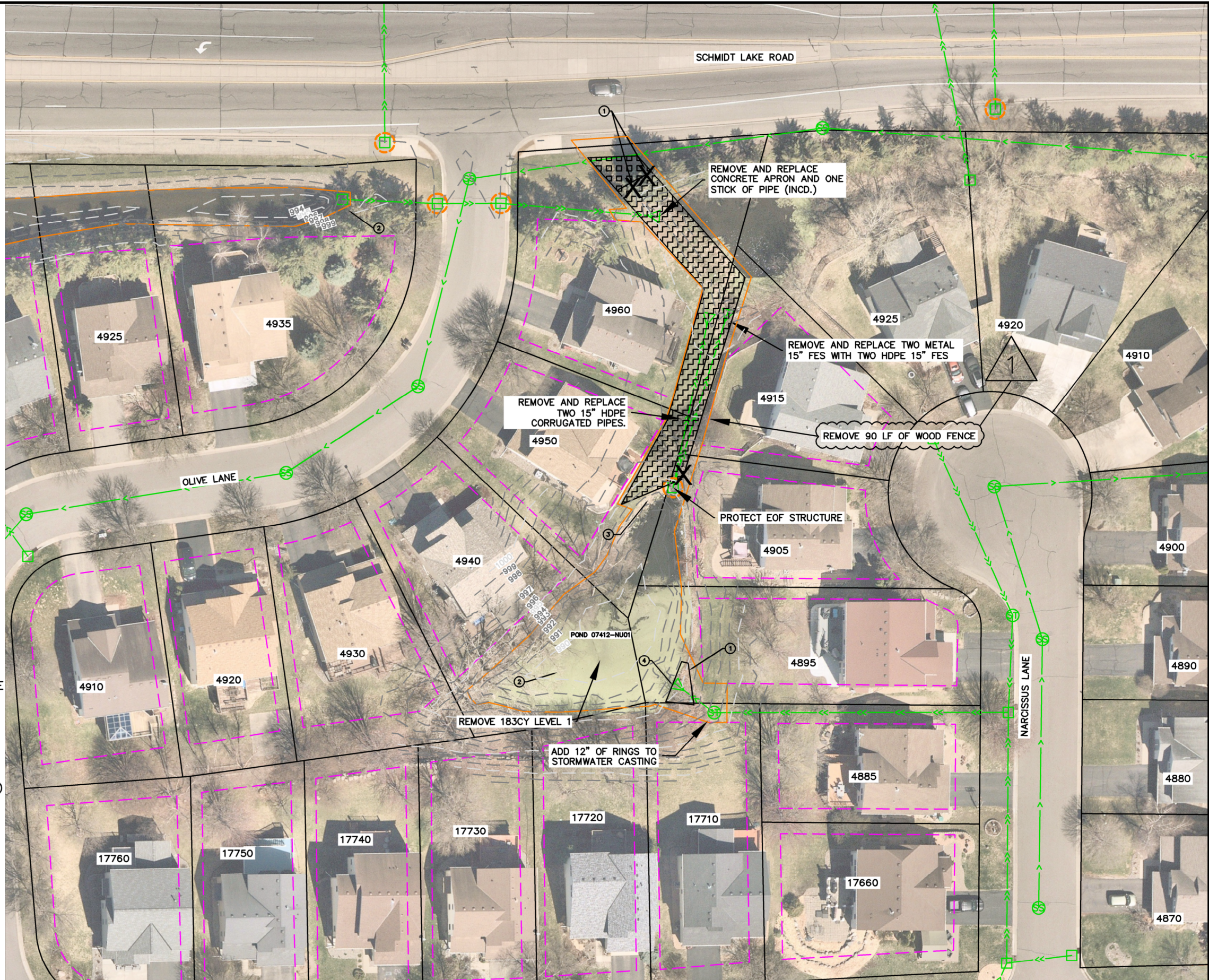


KEYNOTES

1. CLEAR AND GRUB
2. SALVAGE AND REINSTALL POND AERATOR (INCD.)
3. SALVAGE OR PROTECT STONE
4. HAND PLACED RIP RAP CL.III

LEGEND

- CONSTRUCTION BOUNDARY
- - - EXISTING EASEMENT BOUNDARY
- - - 900 - - - EXISTING MAJOR CONTOUR
- - - 901 - - - EXISTING MINOR CONTOUR
- - - - - EXISTING SANITARY SEWER
- - - - - EXISTING STORM SEWER
- - - - - EXISTING WETLAND
- - - - - BIOLOG
- - - - - PARCEL BOUNDARY
- - - - - ROCK CONSTRUCTION ENTRANCE
- - - - - CONSTRUCTION ACCESS ROUTE
- - - - - CLEAR AND GRUB
- - - - - INLET PROTECTION
- - - - - EXISTING TREE PROTECT (INCD.)
- - - - - TREE REMOVAL
- - - - - EXISTING SANITARY MANHOLE
- - - - - EXISTING STORM MANHOLE
- - - - - EXISTING CATCH BASIN



1	12/18/23	JZ	AR	CM	ADDENDUM 1
NO	DATE	BY	CKD	APPR	REVISION

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Signature: *Christopher McKenzie*
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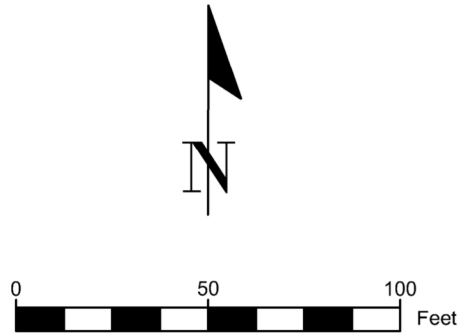


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POND 07412-NU01 REMOVALS AND EROSION CONTROL

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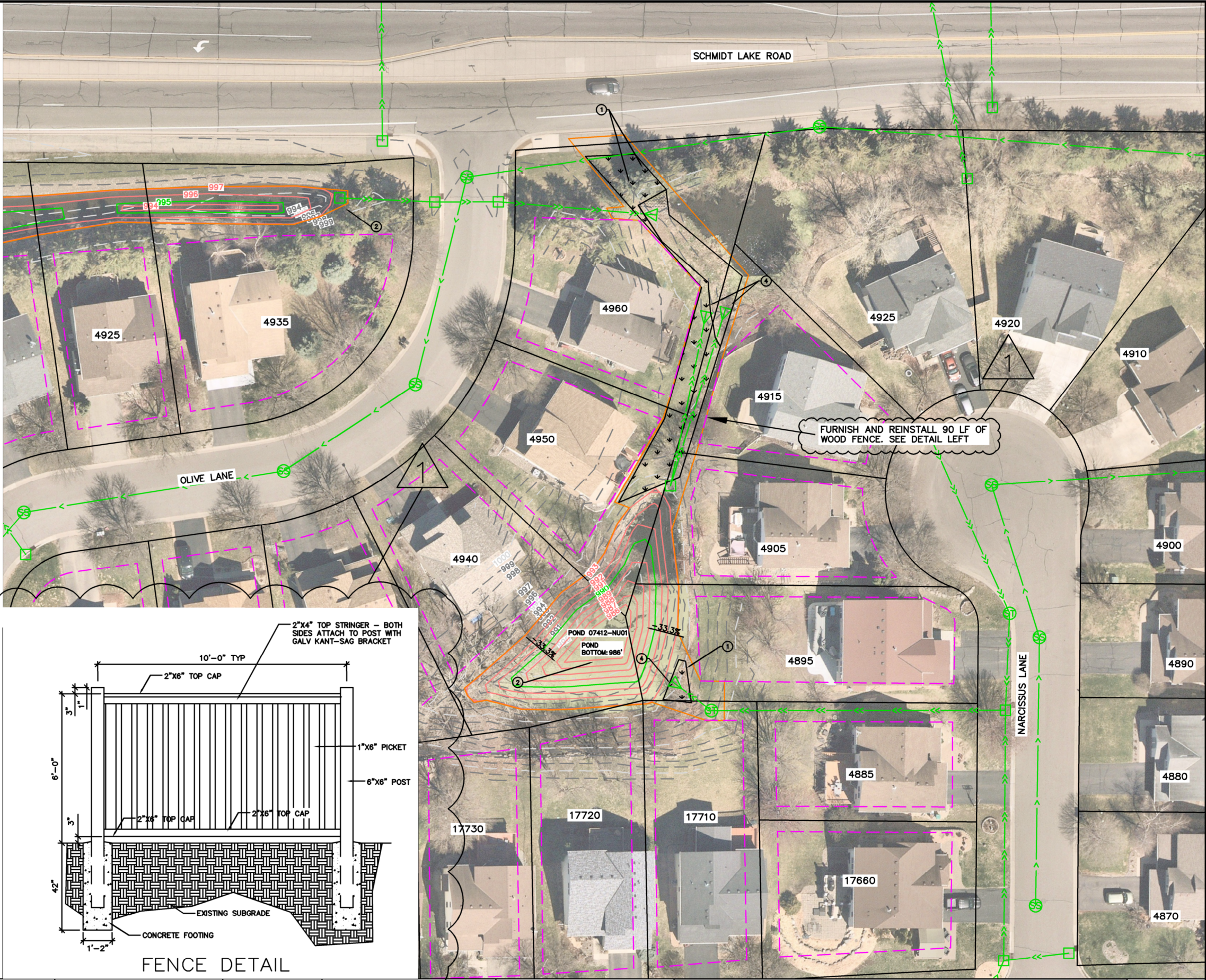


KEYNOTES

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- 2. SALVAGE AND REINSTALL POND AERATOR (INCD.)
- 3. SALVAGE OR PROTECT STONE
- 4. HAND PLACED RIP RAP CL.III

LEGEND

- CONSTRUCTION BOUNDARY
- 900 EXISTING MAJOR CONTOUR
- 901 EXISTING MINOR CONTOUR
- 900 PROPOSED MAJOR CONTOUR
- 901 PROPOSED MINOR CONTOUR
- MNDOT SEED MIX 25-151 AND EROSION BLNKT CATEGORY 15
- MNDOT SEED MIX 34-272 AND EROSION BLNKT CATEGORY 15
- PARCEL BOUNDARY
- EXISTING TREE
- WET WET WET EXISTING WETLAND
- SS EXISTING SANITARY MANHOLE
- ST EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER



1	12/18/23	JZ	AR	CM	ADDENDUM 1
NO	DATE	BY	CKD	APPR	REVISION

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CITY PROJECT NO. WR-239001

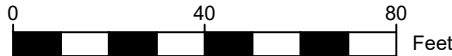


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POND 07412-NU01 GRADING AND RESTORATION

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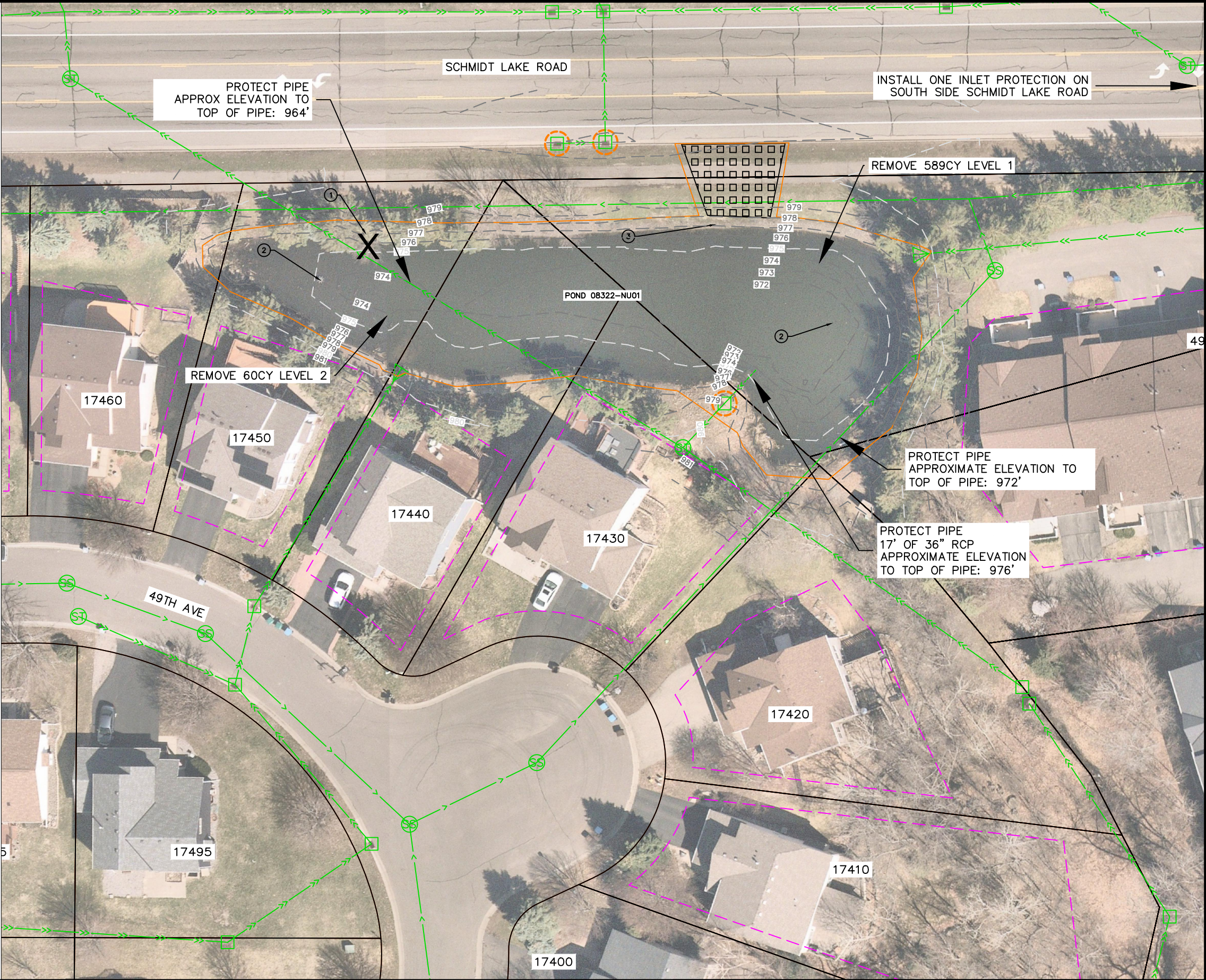


KEYNOTES

1. CLEAR AND GRUB
2. SALVAGE AND REINSTALL POND AERATOR (INCD.)
3. SALVAGE OR PROTECT STONE
4. HAND PLACED RIP RAP CL.III

LEGEND

- CONSTRUCTION BOUNDARY
EXISTING EASEMENT BOUNDARY
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING SANITARY SEWER
EXISTING STORM SEWER
EXISTING WETLAND
BIOLOG
PARCEL BOUNDARY
ROCK CONSTRUCTION ENTRANCE
CLEAR AND GRUB
INLET PROTECTION
EXISTING TREE PROTECT (INCD.)
TREE REMOVAL
EXISTING SANITARY MANHOLE
EXISTING STORM MANHOLE
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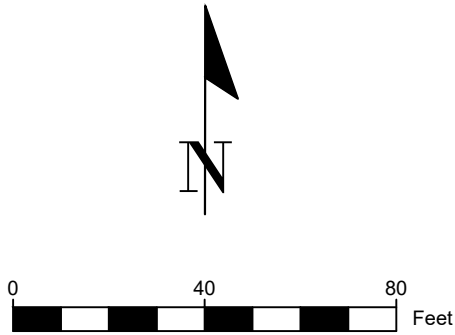
WR239001 - 2023 POND MAINTENANCE

POND 08322-NU01 REMOVALS AND EROSION CONTROL

SHEET
7
OF
8

NO	DATE	BY	CHK	APPR	REVISION

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KEYNOTES

- #
1.

RE-SEED
2.

SALVAGE AND REINSTALL POND AERATOR (INCD.)
3.

SALVAGE OR PROTECT STONE
4.

HAND PLACED RIP RAP CL.III

LEGEND

- CONSTRUCTION BOUNDARY
- 900

EXISTING MAJOR CONTOUR
- 901

EXISTING MINOR CONTOUR
- 900

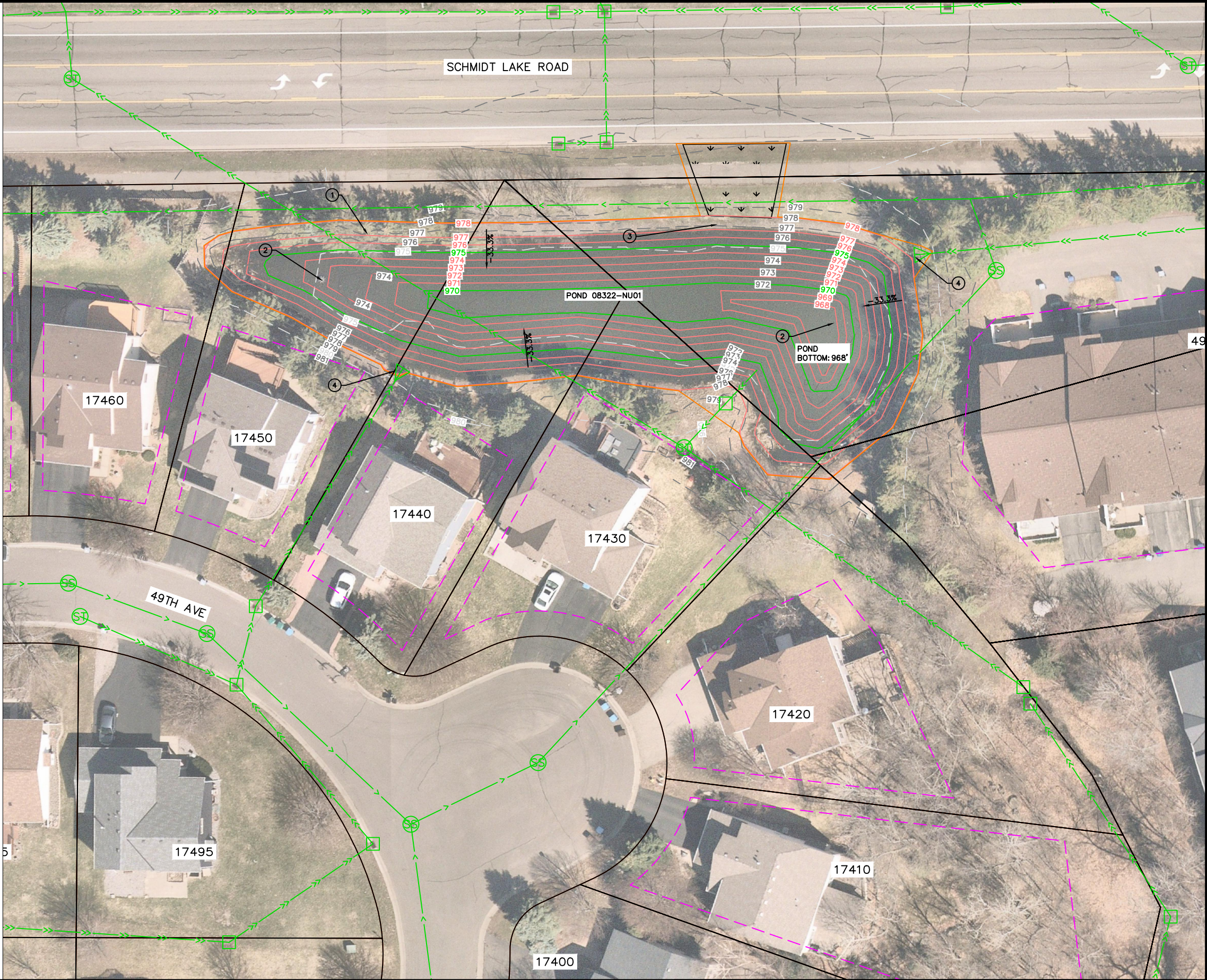
PROPOSED MAJOR CONTOUR
- 901

PROPOSED MINOR CONTOUR
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- PARCEL BOUNDARY
- EXISTING TREE
- WET

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PLYMOUTH, MN 55447
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WR239001 - 2023 POND MAINTENANCE

POND 08322-NU01 GRADING AND RESTORATION

SHEET
8
OF
8