

APPENDIX

BLOCK 23

**VERIDEA - OCTOBER 2022
BLOCK SHEETS**

BLOCK 23 – Description of Avoidance and Minimization

Description of Avoidance and Minimization:

Veridea – West Village

Impact #1.1 (Road Crossing) – wetland impacts have been minimized by shifting the road to the west. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent wetland impacts. Please refer to impact exhibit “Crossing #1.1”.

Impact #1.2A (Road Crossing)- This crossing will occur perpendicular to the wetland and stream and will occur at the top of the drainage to minimize impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent wetland and stream impacts. Please refer to impact exhibit “Crossing #1.2A”.

Impact #1.2B (Lot Fill)- This Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit “Impact Area #1.2B”.

Impact #1.3 (Fill)- Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit “Impact Area #1.3”.

Impact #1.4 (Fill)- wetland and open water impacts have been minimized by shifting the road and fill to the west.. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit “Impact Area #1.4”.

Impact #1.5 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit “Impact Area #1.5”.

Impact #1.6 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit “Impact Area #1.6”.

Impact #1.7 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1

VERIDEA - OCTOBER 2022 BLOCK SHEETS

mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #1.7".

Impact #1.8 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #1.8".

Impact #1.9 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #1.9".

Impact #1.10 (Road Crossing)- This crossing will occur perpendicular to the stream and wetland and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio for permanent stream and wetland impacts. Please refer to impact exhibit "Impact Area #1.10".

Impact #1.11A (Road Crossing)- This crossing will occur at the top of the wetland drainage to minimize impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent wetland impacts. Please refer to impact exhibit "Crossing #1.11A".

Impact #1.11B (Road Crossing)- This crossing will occur at the narrowest portion of the wetland drainage and will utilize headwalls at the culvert outlets to minimize wetland impacts to the maximum extent practicable to minimize impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent wetland impacts. Please refer to impact exhibit "Crossing #1.11B".

Impact #1.12 (Lot Fill) – Please refer to impact exhibit Area 1.12.

Impact #1.13 (Road Crossing)- This crossing will occur at the top of the drainage to minimize stream impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #1.13".

Impact #1.14 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #1.14".

Impact #1.15 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum

VERIDEA - OCTOBER 2022 BLOCK SHEETS

extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #1.15".

Impact #1.16 (Road Crossing)- This crossing will occur perpendicular to the stream and wetland and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio for permanent stream and wetland impacts. Please refer to impact exhibit "Impact Area #1.16".

Impact #1.17 (Road Crossing)- Compensatory mitigation has been proposed at a 2:1 mitigation ratio for permanent wetland impacts. Please refer to impact exhibit "Impact Area #1.17".

Impact #1.18 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #1.18".

Impact #1.19 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio for permanent stream and wetland impacts. Please refer to impact exhibit "Impact Area #1.19".

Impact #1.20 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Additionally, the sanitary sewer and Force Main will utilize the same easement to minimize impacts. Please refer to impact exhibit "Impact Area #1.20".

Impact #1.21 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #1.21".

Impact #1.22 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Additionally, the sanitary sewer and Force Main will utilize the same easement to minimize impacts. Please refer to impact exhibit "Impact Area #1.22".

Impact #1.23 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a

VERIDEA - OCTOBER 2022 BLOCK SHEETS

2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #1.23".

Veridea – East Village

Impact #2.1A-1 (Utility Crossing)- This utility connection location was existing, and the utility impacts have been minimized to the maximum extent practicable. Compensatory mitigation is proposed at a 1:1 mitigation ratio for the "change of function" to the wetland. Please refer to impact exhibit "Impact Area #2.1A-1".

Impact 2.1A-2 (Utility Crossing)- This utility impact was shifted to the west to minimize impacts to the maximum extent practicable. Compensatory mitigation is proposed at a 1:1 mitigation ratio for the "change of function" to the wetland. Please refer to impact exhibit "Impact Area #2.1A-2".

Impact 2.1A-3 (Utility Crossing)- This utility impact was shifted to the west to minimize impacts to the maximum extent practicable. Please refer to impact exhibit "Impact Area #2.1A-3".

Impact #2.1B (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #2.1B".

Impact #2.2A (Road Crossing)- This road crossing will occur perpendicular to the stream and will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts and 1:1 mitigation ratio for permanent-no permanent loss wetland impacts. Please refer to impact exhibit "Impact Area #2.2A".

Impact #2.2B (Utility Crossing)- This utility impact was shifted to the west to minimize impacts to the maximum extent practicable. Compensatory mitigation is proposed at a 1:1 mitigation ratio for the "change of function" to the wetland. Please refer to impact exhibit Area 2.2B.

Impact #2.2C (Road Crossing)- Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit Area 2.2C.

Impact #2.3 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Please refer to impact exhibit "Impact Area #2.3".

Impact #2.4 (Road Crossing)- This crossing will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation.

VERIDEA - OCTOBER 2022 BLOCK SHEETS

Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #2.4".

Impact #2.5 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #2.5".

Impact #2.6 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Please refer to impact exhibit "Impact Area #2.6".

Impact #2.7 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Please refer to impact exhibit "Impact Area #2.7".

Impact #2.8 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Additionally, the sanitary sewer and Force Main will utilize the same easement to minimize impacts. Please refer to impact exhibit "Impact Area #2.8".

Impact #2.9 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #2.9".

Impact #2.10 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #2.10".

Impact #2.11 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Please refer to impact exhibit "Impact Area #2.11".

Impact #2.12 (Utility Crossing)- Please refer to impact exhibit "Impact Area #2.12".

Impact #2.13 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Please refer to impact exhibit "Impact Area #2.13".

Impact #2.14 (Road Crossing)- This crossing will occur at the top of the drainage to minimize stream impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #2.14".

VERIDEA - OCTOBER 2022 BLOCK SHEETS

Impact #2.15 (Road Crossing)-Stream and wetland impacts have been avoided in this location. Please refer to impact exhibit Area 2.15.

Impact #2.16 (Fill)- This fill activity will occur at the top of the drainage to minimize stream impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #2.16".

Impact #2.17 (Road Crossing)- This crossing will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #2.17".

Impact #2.18 (Road Crossing)- This crossing will occur at the top of the drainage to minimize stream impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #2.18".

Impact #2.19A (Road Crossing)- This crossing will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #2.19A".

Impact #2.19B (Road Crossing)- This crossing will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #2.19B".

Impact #2.19C (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Please refer to impact exhibit Area 2.19C.

Impact #2.20 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #2.20".

Impact #2.21A (Road Crossing)- This crossing will occur the top of the drainage to minimize stream impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #2.21A".

Impact #2.21B (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Please refer to impact exhibit Area 2.21B.

VERIDEA - OCTOBER 2022 BLOCK SHEETS

Impact #2.22 (Road Crossing)- This crossing will utilize headwalls and walls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #2.22".

Impact #2.23 (Utility Crossing)- This crossing will occur perpendicular to the stream to minimize stream impacts to the maximum extent practicable. Please refer to impact exhibit Area 2.23.

Impact #2.24 (Road Crossing)- This crossing will occur the top of the drainage to minimize stream impacts to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream. Please refer to impact exhibit "Impact Area #2.24".

Veridea – South Village

Impact #3.1 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #3.1".

Impact #3.2 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #3.2".

Impact #3.3 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #3.3".

Impact #3.4A (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #3.4".

Impact #3.4B (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a

VERIDEA - OCTOBER 2022 BLOCK SHEETS

2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #3.4B".

Impact #3.5 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #3.5".

Impact #3.6 (Road Crossing)- This crossing will occur perpendicular to the stream and will utilize headwalls at the culvert outlets to minimize stream impacts to the maximum extent practicable. Additionally, a riprap dissipator pad will be used to minimize stream velocities and stream degradation. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent stream impacts. Please refer to impact exhibit "Impact Area #3.6".

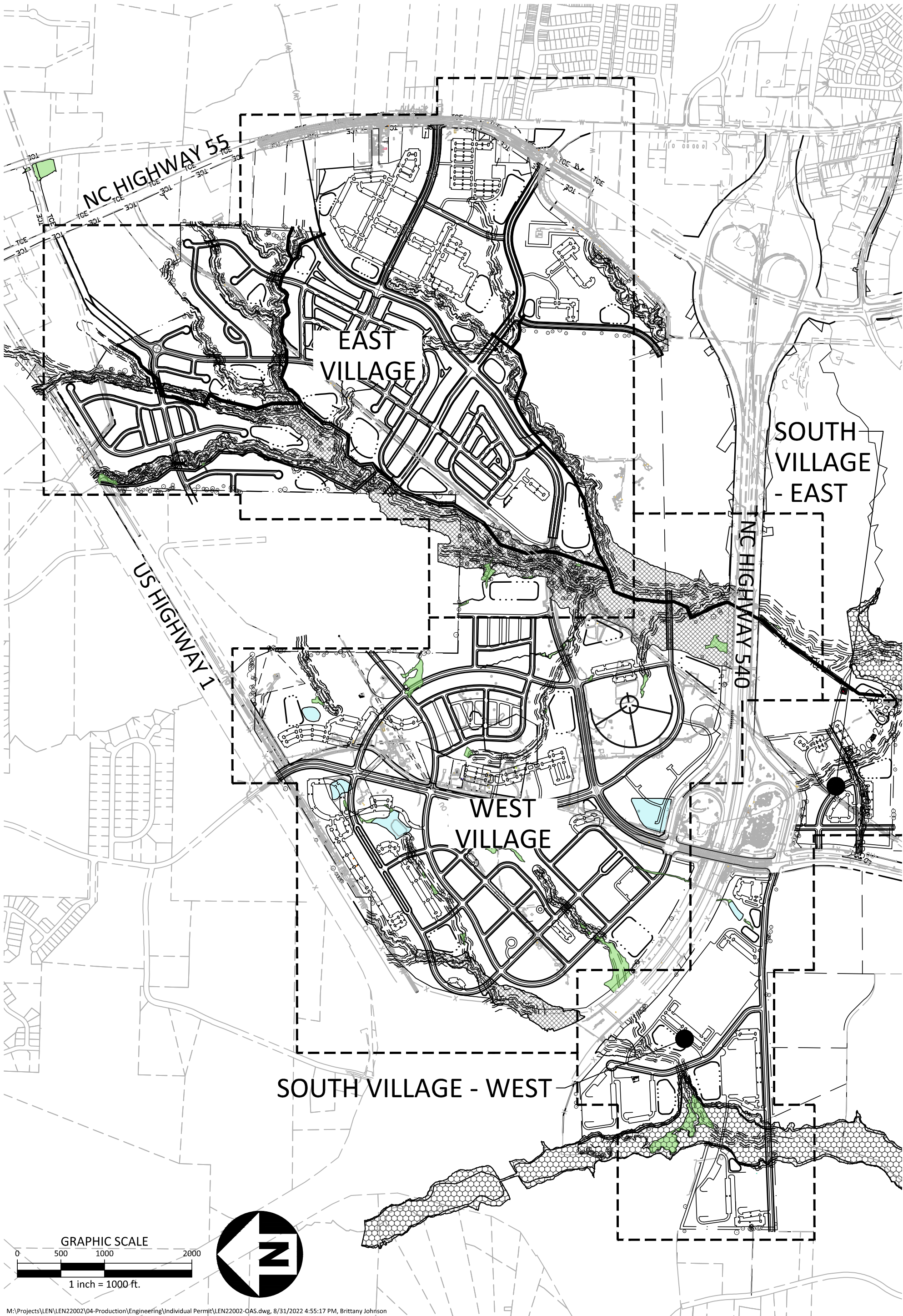
Veridea – Off-Site

Impact #4.1 (Road Widening)- This widening is required at an existing road location with existing wetlands. Wetland impacts will be minimized to the maximum extent practicable. Compensatory mitigation has been proposed at a 2:1 mitigation ratio to offset permanent wetland impacts. Please refer to impact exhibit "Impact Area #4.1".

Impact #4.2 (Utility Crossing)- This impact has been shifted to southeast to the maximum extent practicable. Compensatory mitigation has been proposed at a 1:1 mitigation ratio to offset the "change of function" wetland impacts. Please refer to impact exhibit "Impact Area #4.2".

Impact #4.3 (Road Crossing)- Stream and wetland impacts have been avoided in this location. Please refer to impact exhibit Area 4.3.

WETLAND AND STREAM IMPACT MAPS



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KEY SHEET

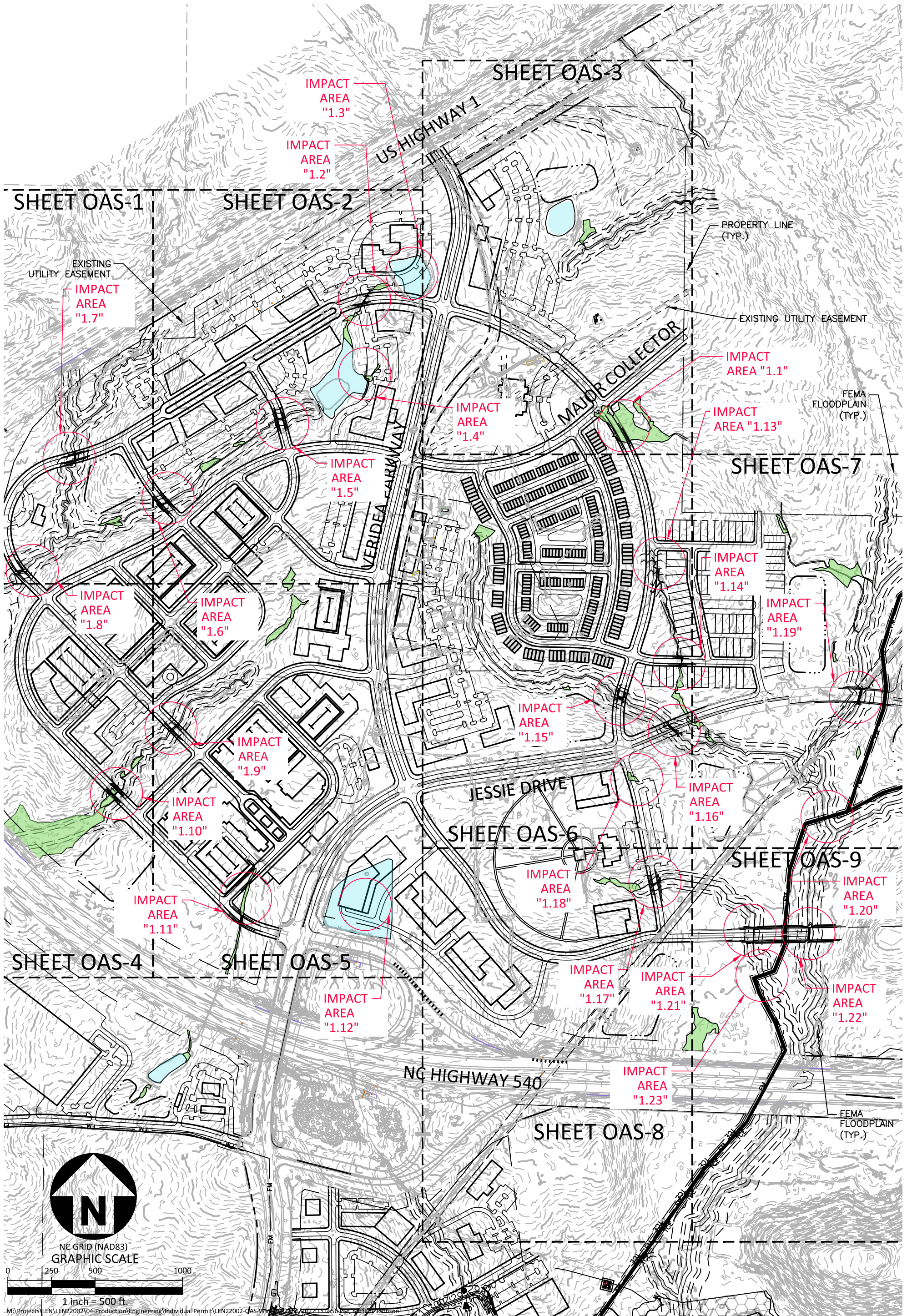
VERIDEA - OVERALL SITE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
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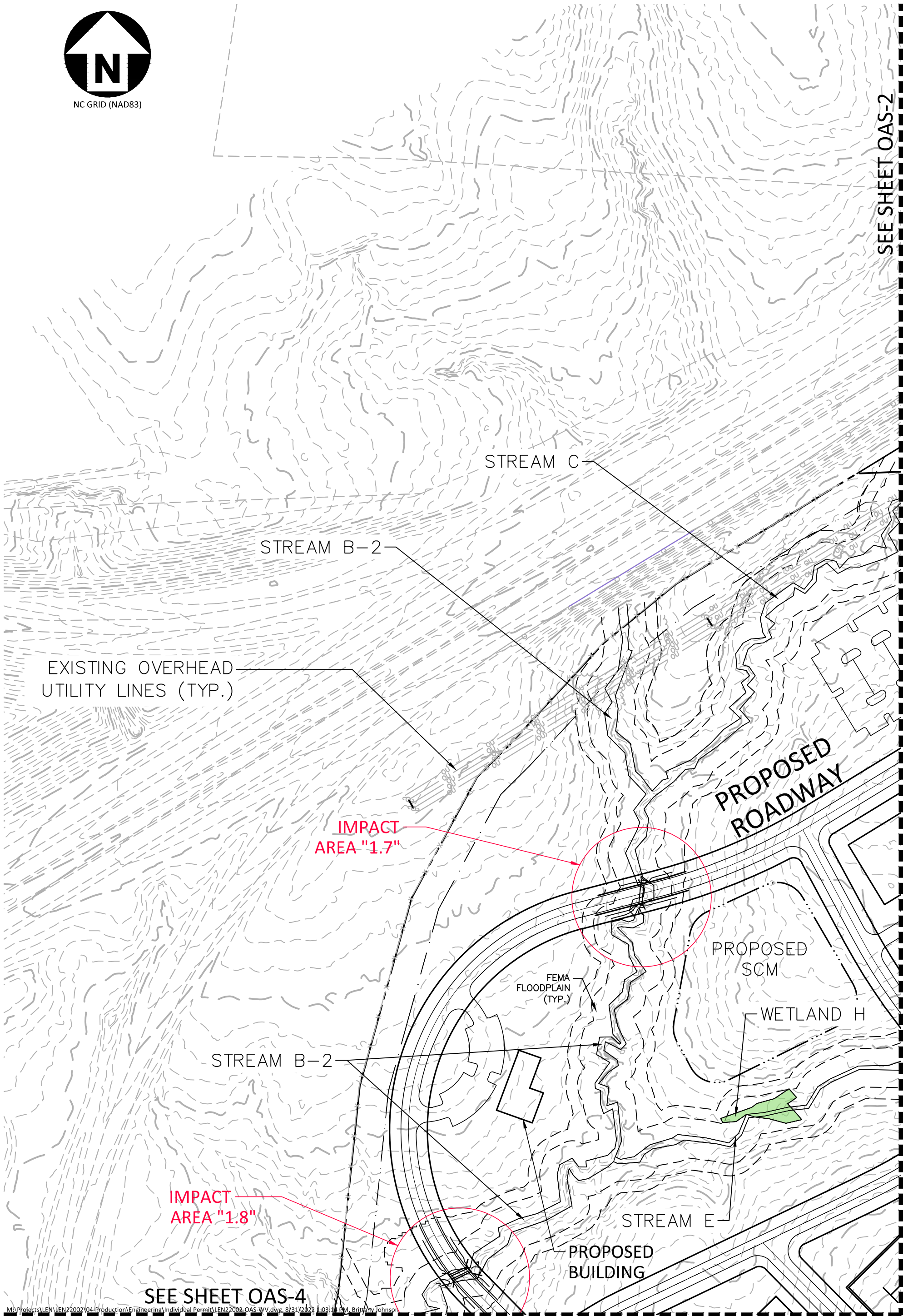
VERIDEA - WEST VILLAGE

WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
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SCALE	1"=150'
DATE	06. 21. 2022



SEE SHEET OAS-2





NC GRID (NAD83)

SEE SHEET OAS-1

EXISTING
US HIGHWAY 1

IMPACT
AREA "1.3"

POND C

WETLAND M

STREAM D

PROPOSED
BUILDINGS

WETLAND L

IMPACT
AREA
"1.2"

WETLAND K

POND B

IMPACT
AREA "1.4"

PROPOSED ROADWAY

STREAM E

PROPOSED
ROADWAY

IMPACT
AREA "1.5"

PROPOSED
BUILDINGS

WETLAND J

WETLAND I

IMPACT
AREA
"1.6"

WETLAND G

VERIDEA PARKWAY

SEE SHEET OAS-3

SEE SHEET OAS-6

SEE SHEET OAS-5

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OAS-2

VERIDEA - WEST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

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NC GRID (NAD83)

EXISTING
US HIGHWAY 1

N/F
PIN: 0741217259
EBT FARMS LLC
ZONING: RR

PROPOSED
BUILDINGS

PROPOSED
SCM

POND E

STREAM H

WETLAND N

IMPACT
AREA "1.3"

IMPACT
AREA "1.1"

WETLAND O

PROPOSED ROADWAY

PROPOSED
BUILDING

SEE SHEET OAS-6

SEE SHEET OAS-2

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OAS-3

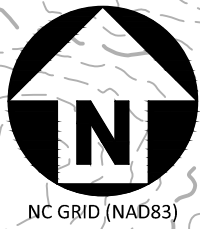
VERIDEA - WEST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

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SEE SHEET OAS-1

PROPOSED
BUILDINGS

STREAM E

STREAM
B-2

PROPOSED
ROADWAY

WETLAND E

WETLAND D

IMPACT
AREA
"1.10"

WETLAND
BB

STREAM
B-1

STREAM
F-2

STREAM
F-1

PROPOSED
SCM

EXISTING
NC HIGHWAY 540

PROPOSED
SOUTH VILLAGE

SEE SHEET OAS-5

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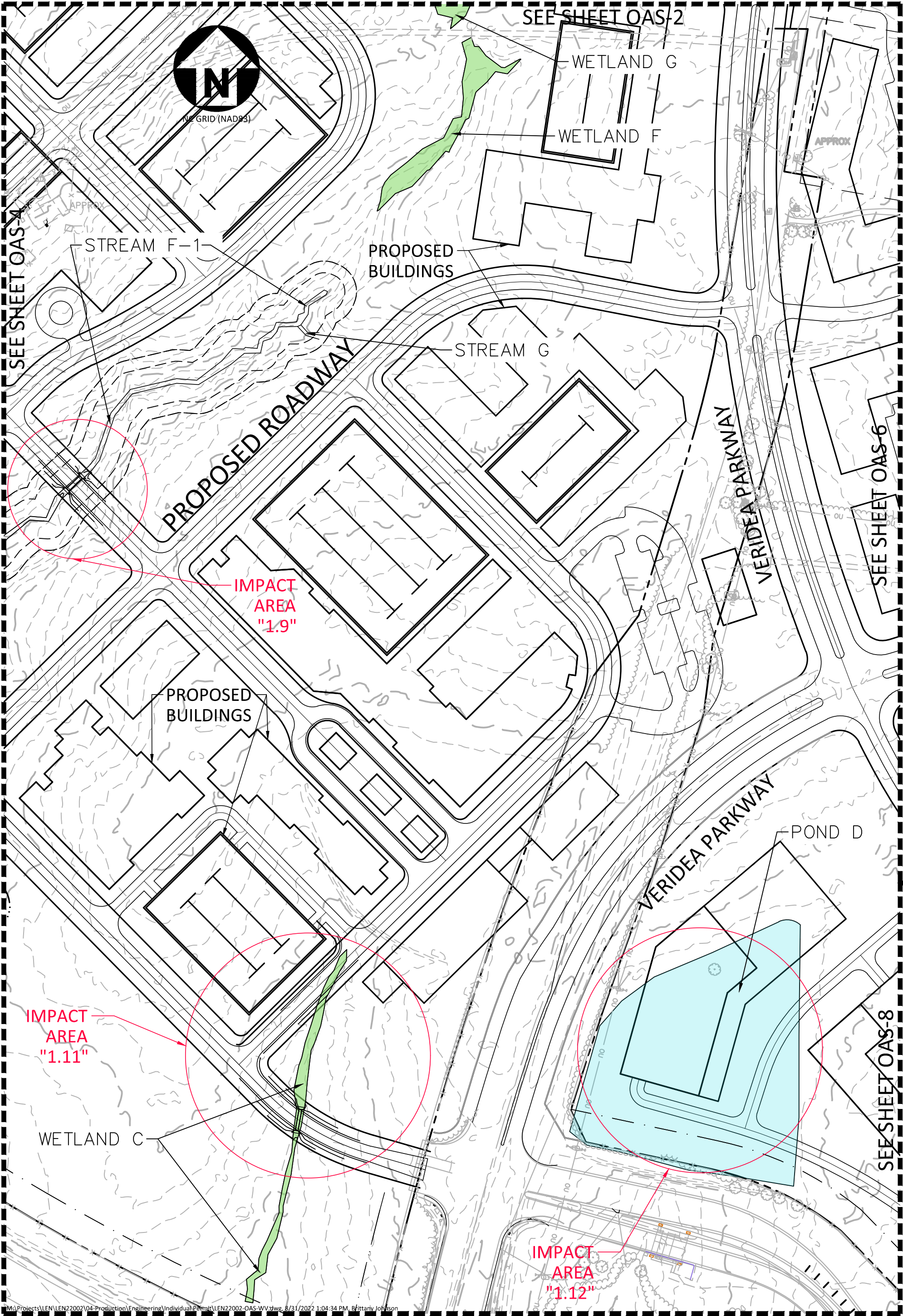
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OAS-4

VERIDEA - WEST VILLAGE
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION

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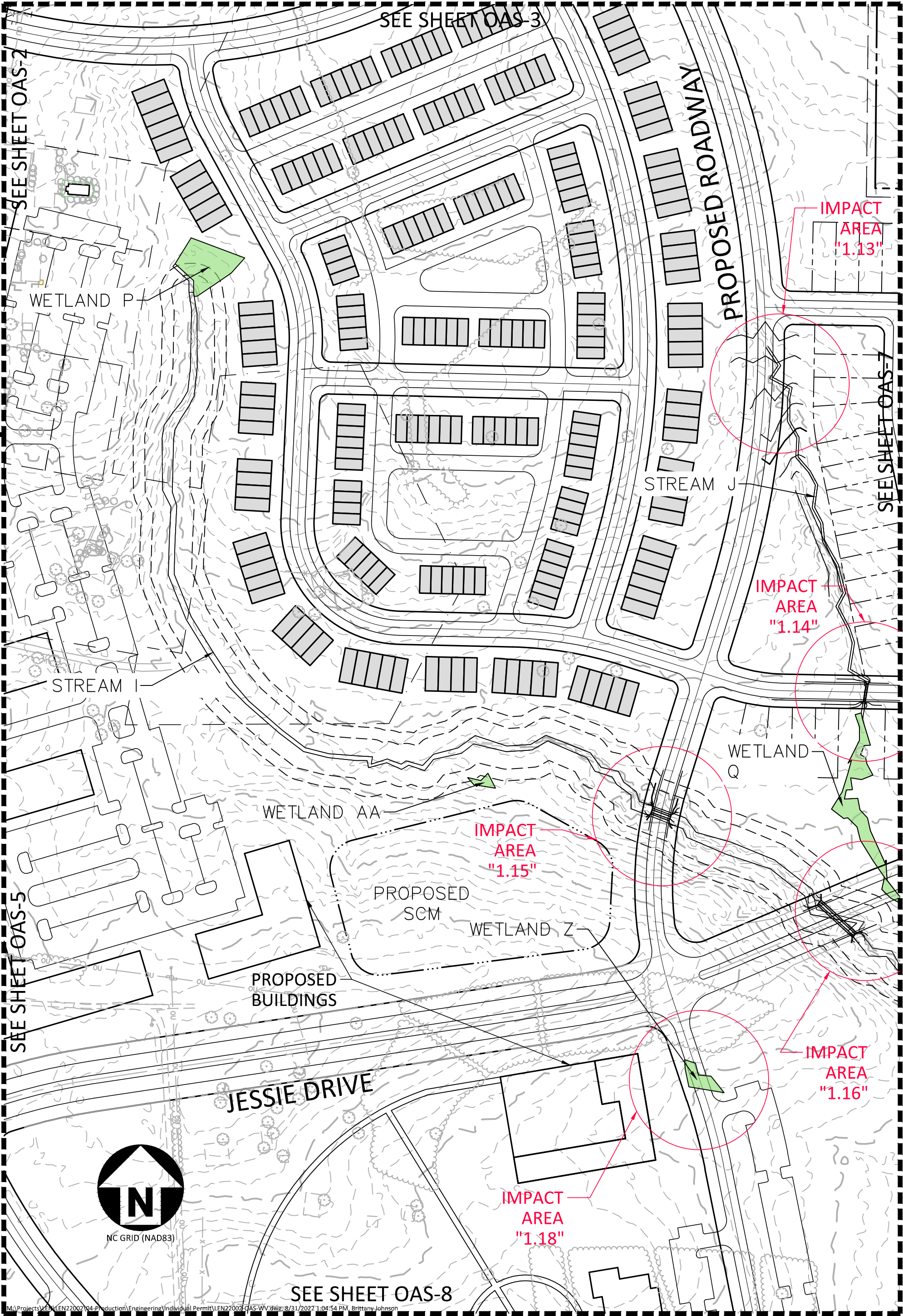
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VERIDEA - WEST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

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NC GRID (NAD83)

SEE SHEET OAS-8

OAS-6

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WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

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NC GRID (NAD83)

FEMA
FLOODPLAIN
(TYP.)

N/F
PIN: 0741402319
WILDBIRD LLC
ZONING: PUD-CZ

WETLAND T
STREAM M

STREAM
N-2

STREAM O

WETLAND U

WETLAND V

PROPOSED
SCM

IMPACT
AREA
"1.19"

STREAM
N-2

PROPOSED
EAST VILLAGE

JESSIE DRIVE

WETLAND Q

IMPACT
AREA
"1.16"

WETLAND W

STREAM I

PROPOSED
SCM

IMPACT
AREA
"1.20"

STREAM
N-2

STREAM EE

N/F
PIN: 0740570471
EMC CORPORATION
ZONING: LI/SD-CZ

SEE SHEET OAS-9

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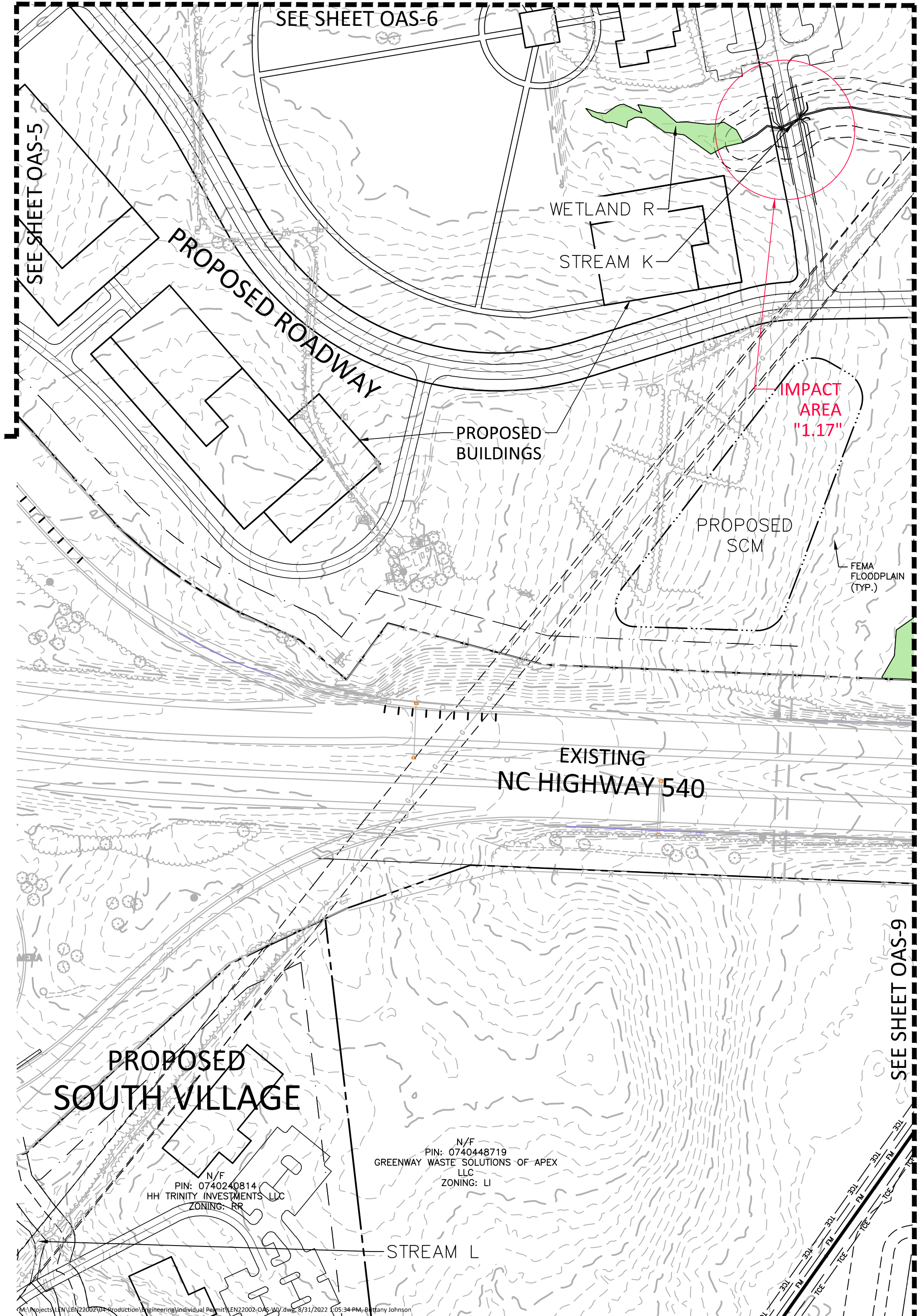
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OAS-7

VERIDEA - WEST VILLAGE
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	
CHECKED BY	
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022



SEE SHEET OAS-6

SEE SHEET OAS-5

PROPOSED ROADWAY

WETLAND R

STREAM K

PROPOSED BUILDINGS

PROPOSED SCM

IMPACT AREA "1.17"

FEMA FLOODPLAIN (TYP.)

EXISTING NC HIGHWAY 540

PROPOSED SOUTH VILLAGE

N/F
PIN: 0740240814
HH TRINITY INVESTMENTS LLC
ZONING: RR

N/F
PIN: 0740448719
GREENWAY WASTE SOLUTIONS OF APEX LLC
ZONING: LI

STREAM L

SEE SHEET OAS-9

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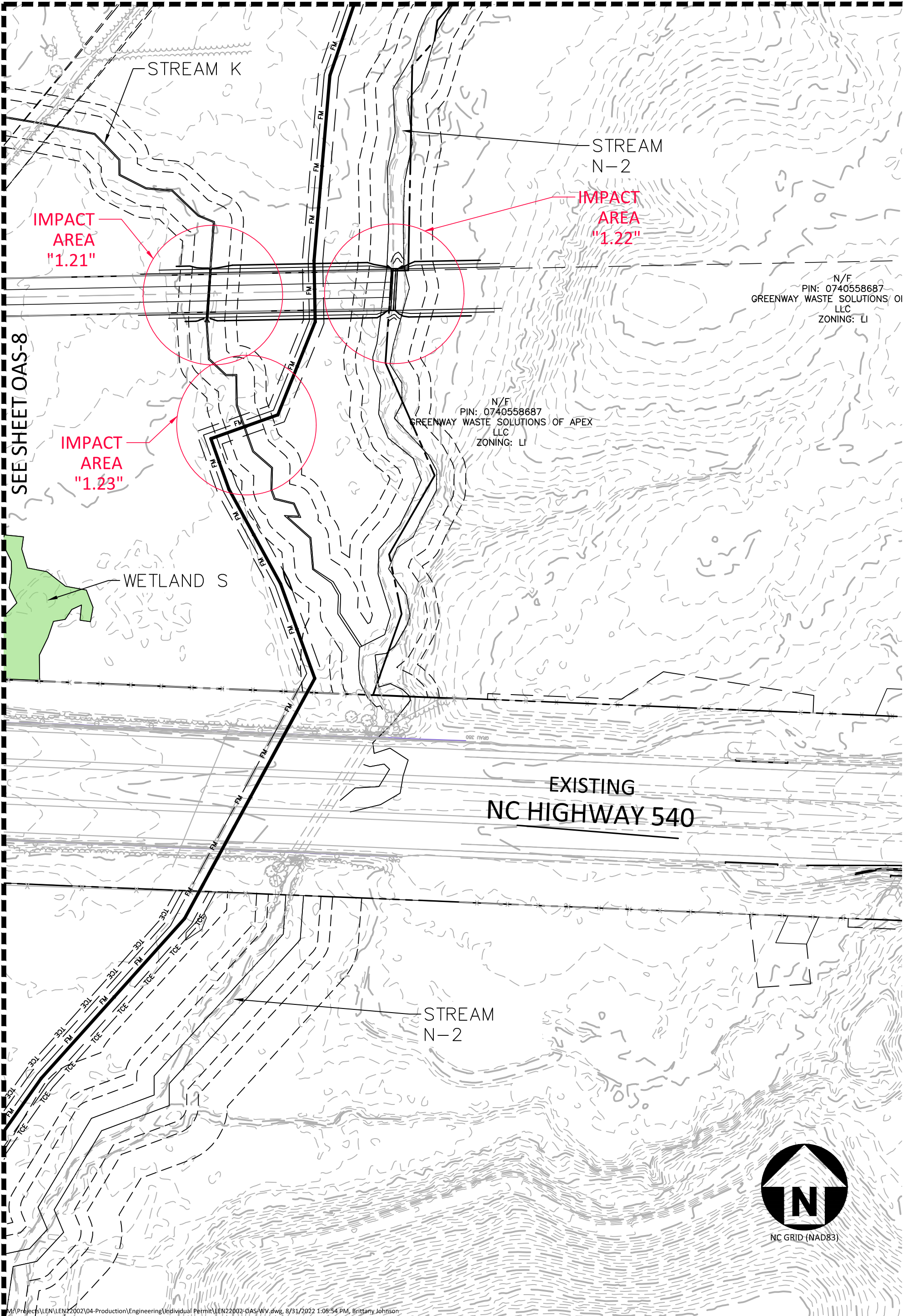
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OAS-8

VERIDEA - WEST VILLAGE
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	
CHECKED BY	
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022



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OAS-9

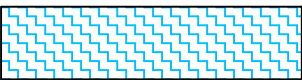
VERIDEA - WEST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION	
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FILENAME	
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SCALE	1"=150'
DATE	06. 21. 2022

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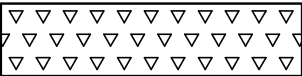
ZONE 1 APEX BUFFER
IMPACT



PERMANENT STREAM IMPACT



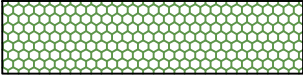
EXISTING WETLAND



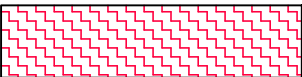
TEMPORARY STREAM IMPACT



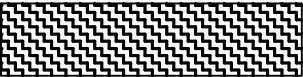
PERMANENT-NO LOSS
(DISSIPATOR PAD) STREAM
IMPACT



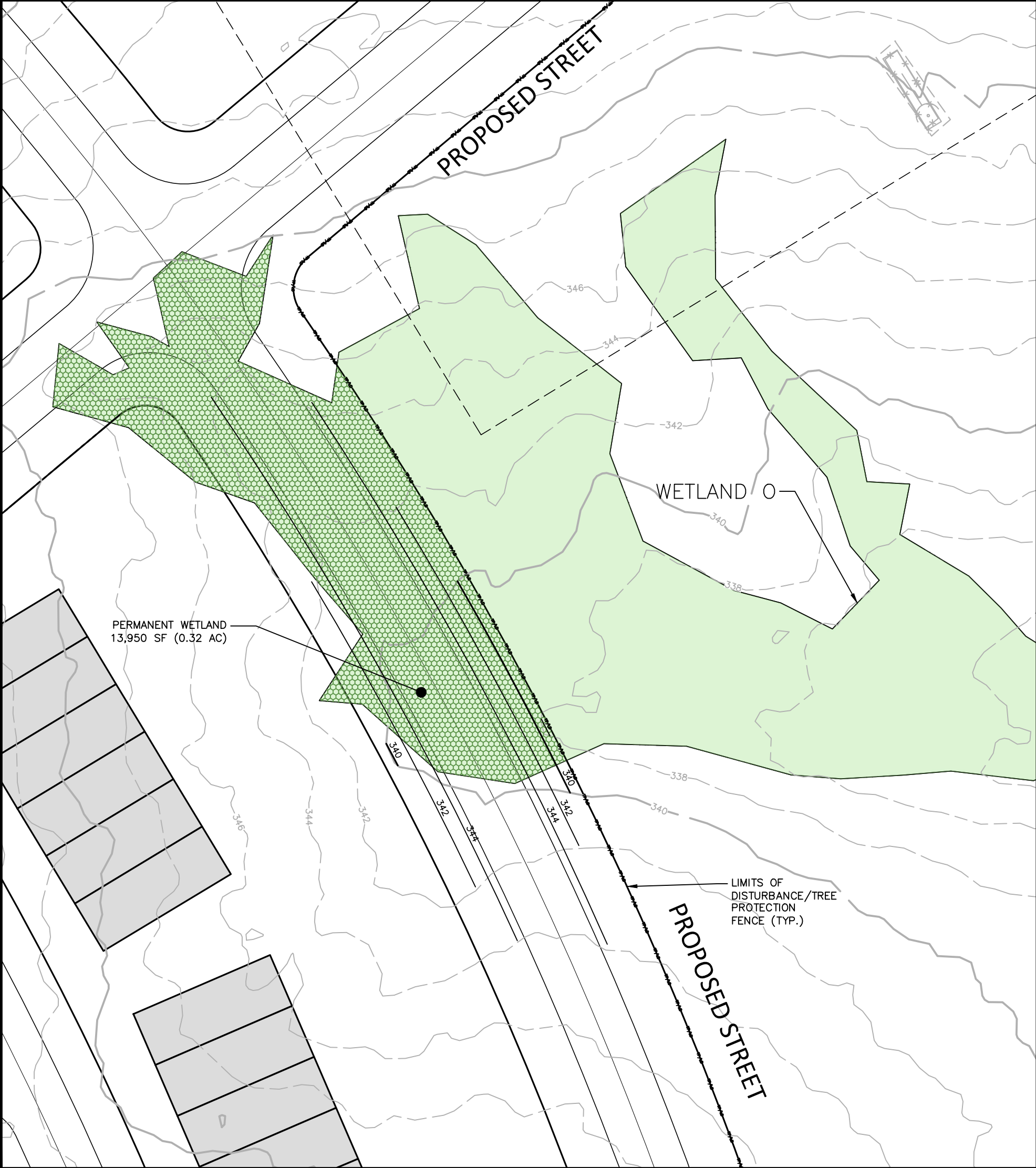
PERMANENT WETLAND IMPACT



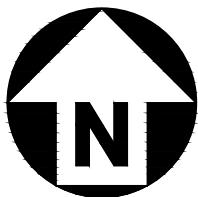
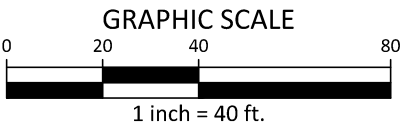
ZONE 2 APEX BUFFER
IMPACT



PERMANENT NO-PERMANENT
LOSS WETLAND IMPACT



WETLAND IMPACT AREA MAP - AREA 1.1



NC GRID (NAD83)

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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

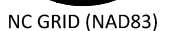
PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

EXISTING WETLAND

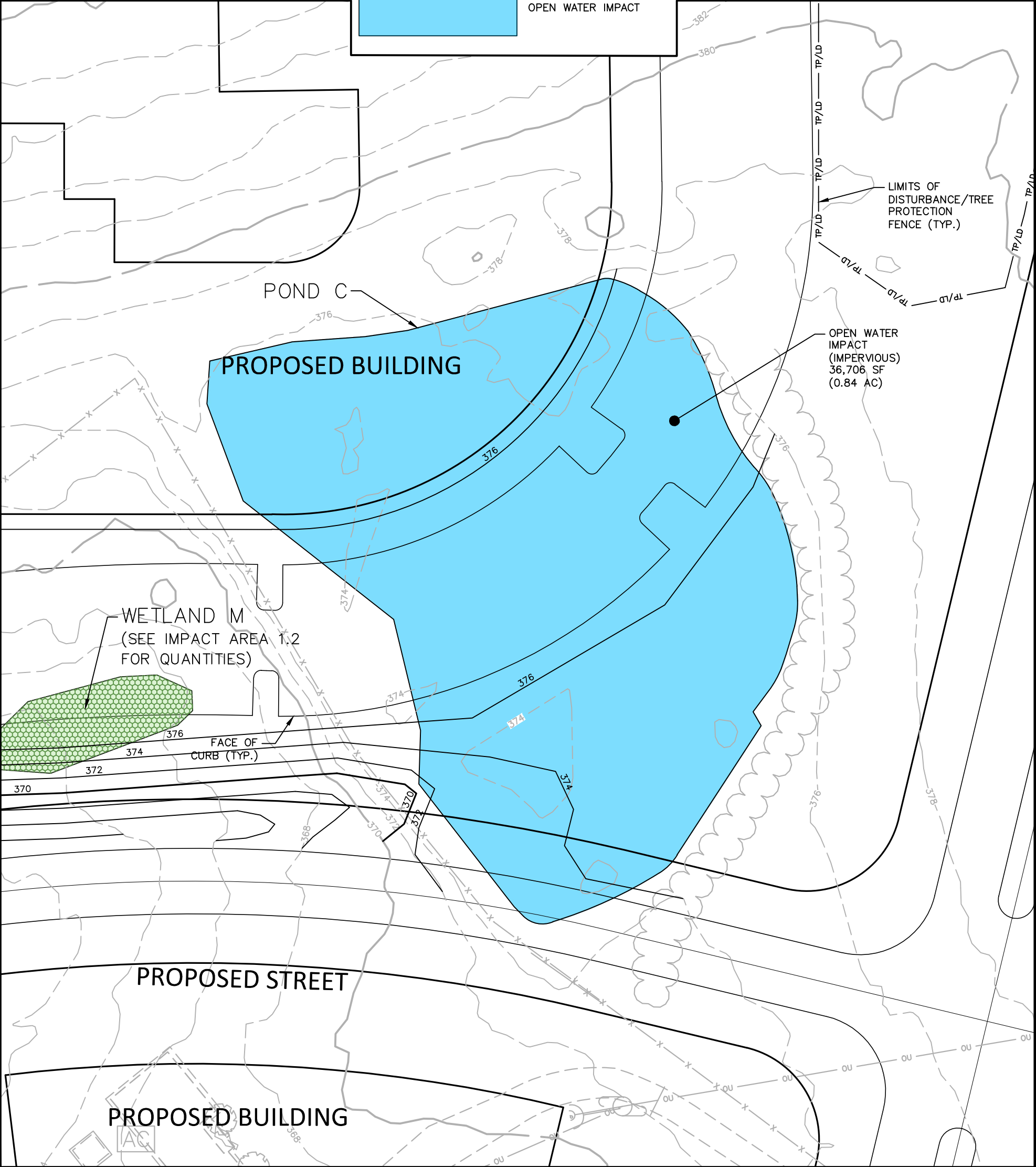
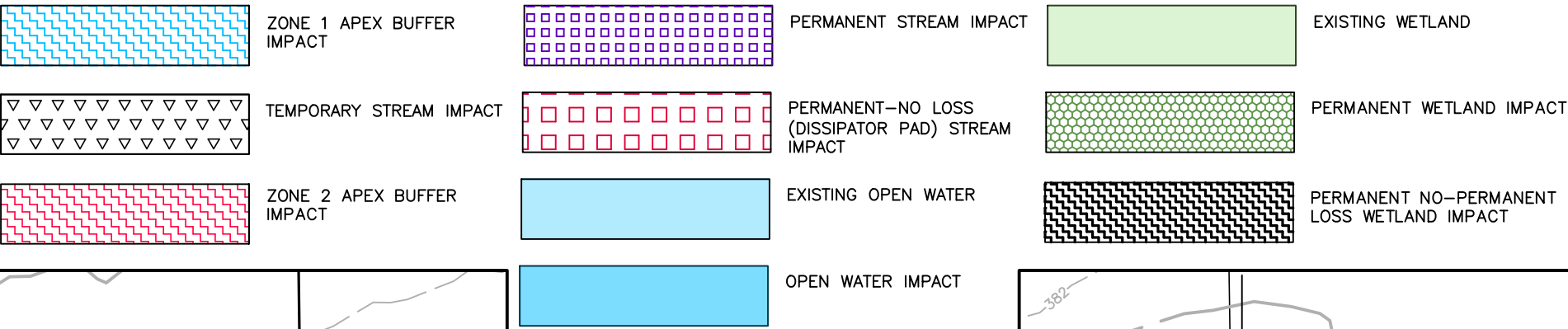
PERMANENT WETLAND IMPACT

PERMANENT NO-PERMANENT
LOSS WETLAND IMPACT

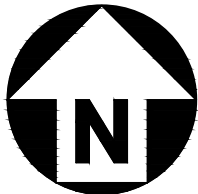
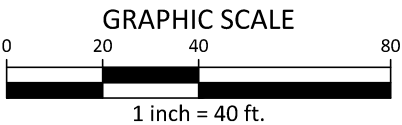


97 of 303

LEGEND



OPEN WATER IMPACT AREA MAP - AREA 1.3



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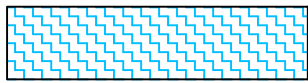
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fax 919. 361. 2269
license number: C-0293, C-187

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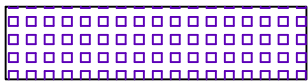
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



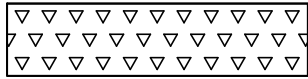
ZONE 1 APEX BUFFER
IMPACT



PERMANENT STREAM IMPACT



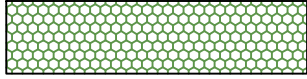
EXISTING WETLAND



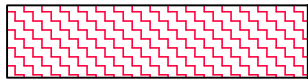
TEMPORARY STREAM IMPACT



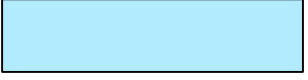
PERMANENT-NO LOSS
(DISSIPATOR PAD) STREAM
IMPACT



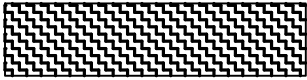
PERMANENT WETLAND IMPACT



ZONE 2 APEX BUFFER
IMPACT



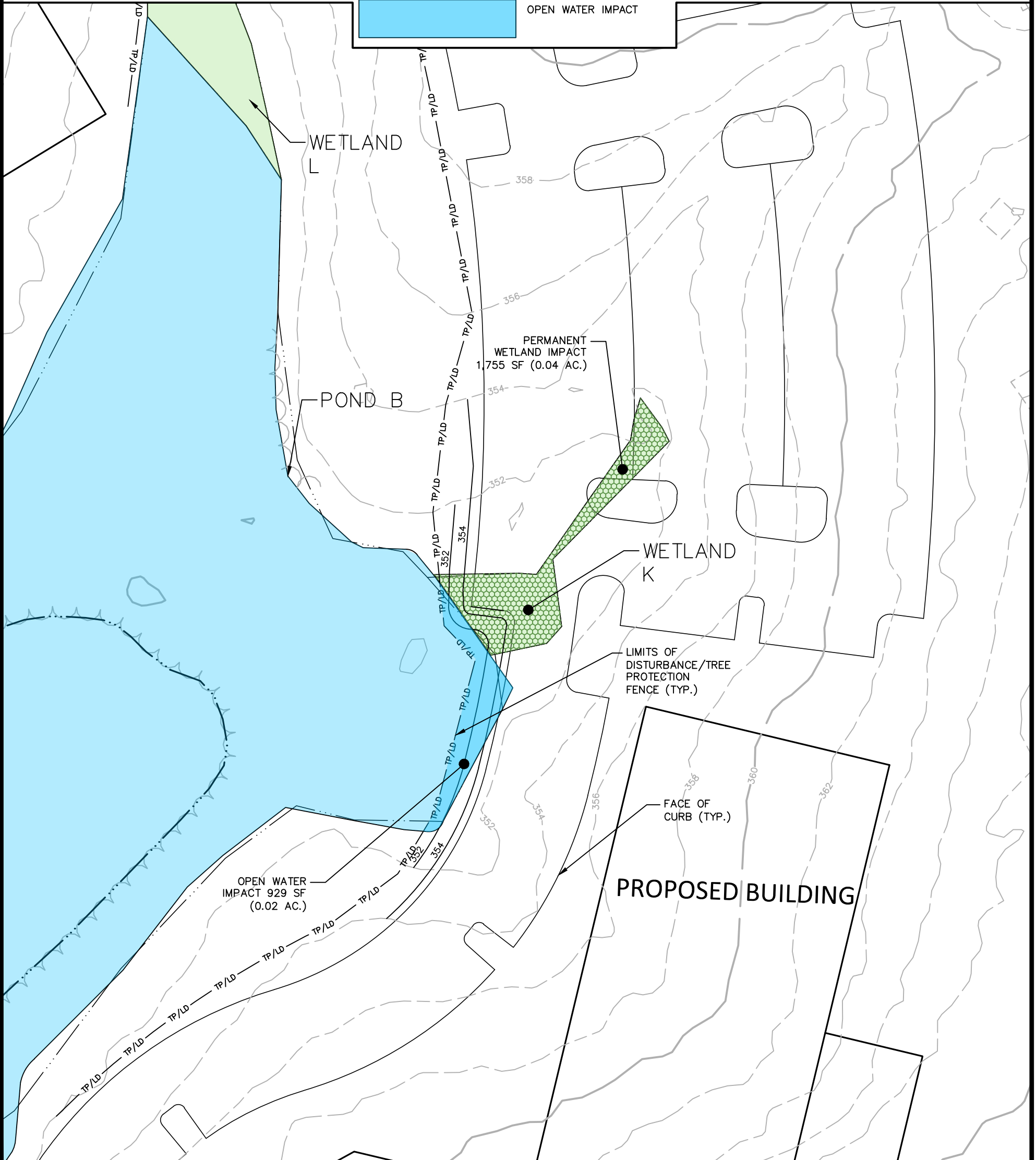
EXISTING OPEN WATER



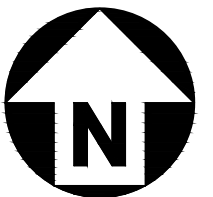
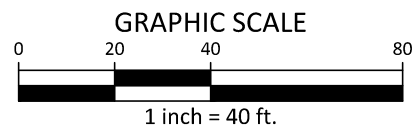
PERMANENT NO-PERMANENT LOSS WETLAND IMPACT



OPEN WATER IMPACT



WETLAND IMPACT AREA MAP - AREA 1.4



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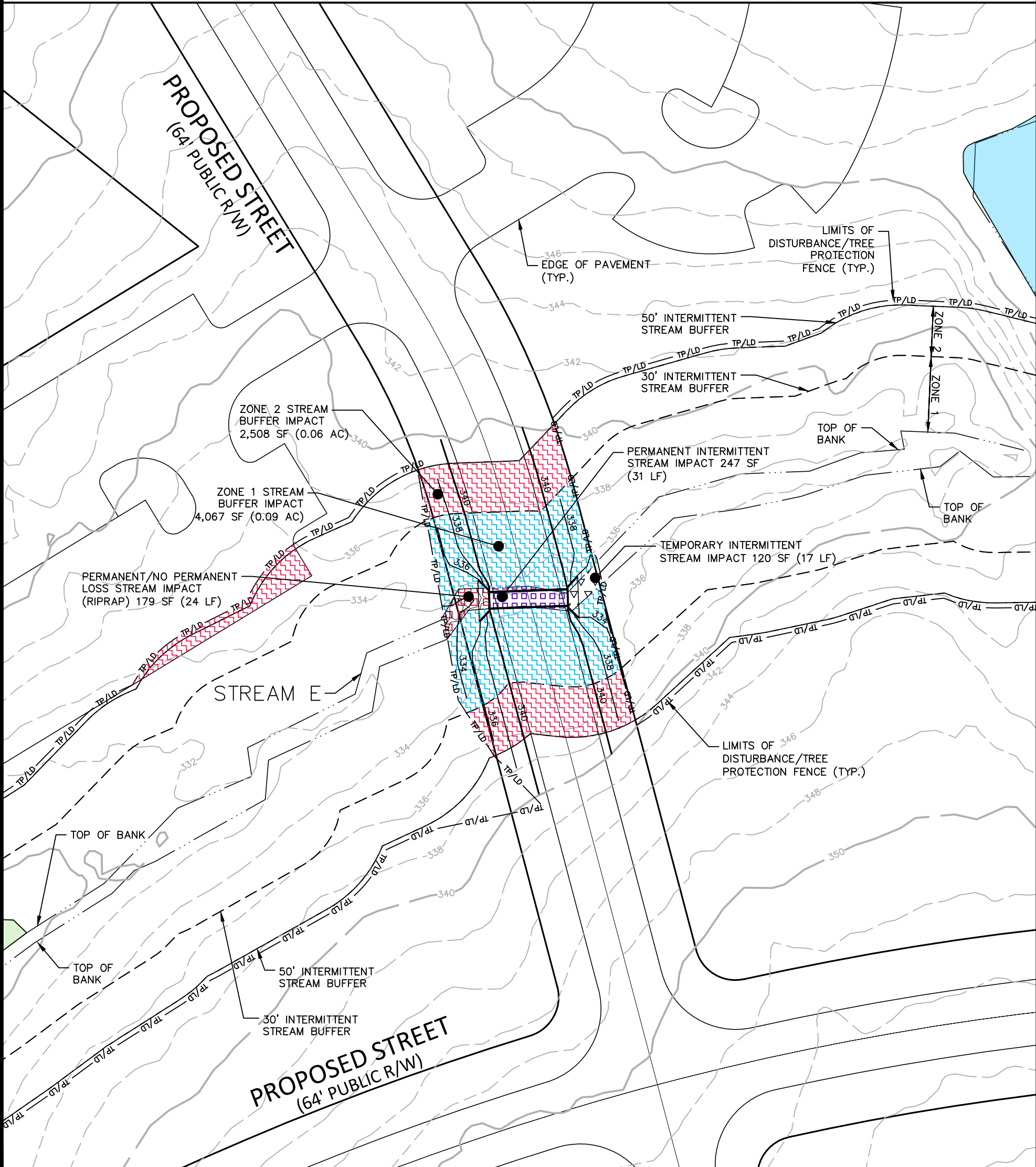
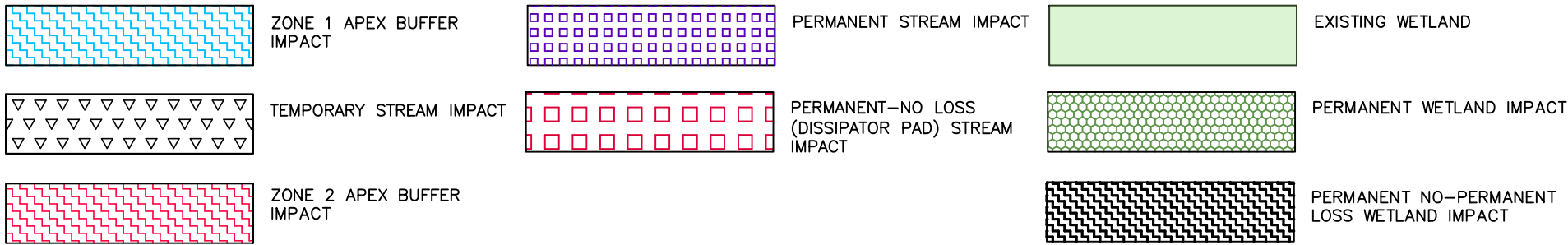
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APEX, NORTH CAROLINA

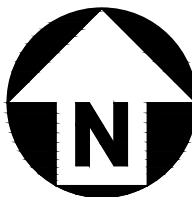
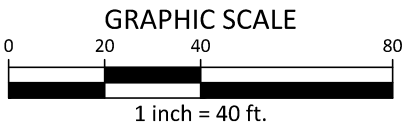
PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



INTERMITTENT STREAM IMPACT AREA MAP - AREA 1.5



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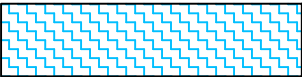
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VERIDEA
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APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



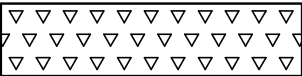
ZONE 1 APEX BUFFER
IMPACT



PERMANENT STREAM IMPACT



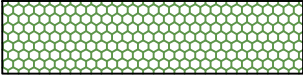
EXISTING WETLAND



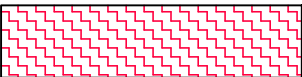
TEMPORARY STREAM IMPACT



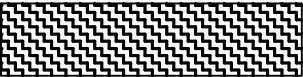
PERMANENT-NO LOSS
(DISSIPATOR PAD) STREAM
IMPACT



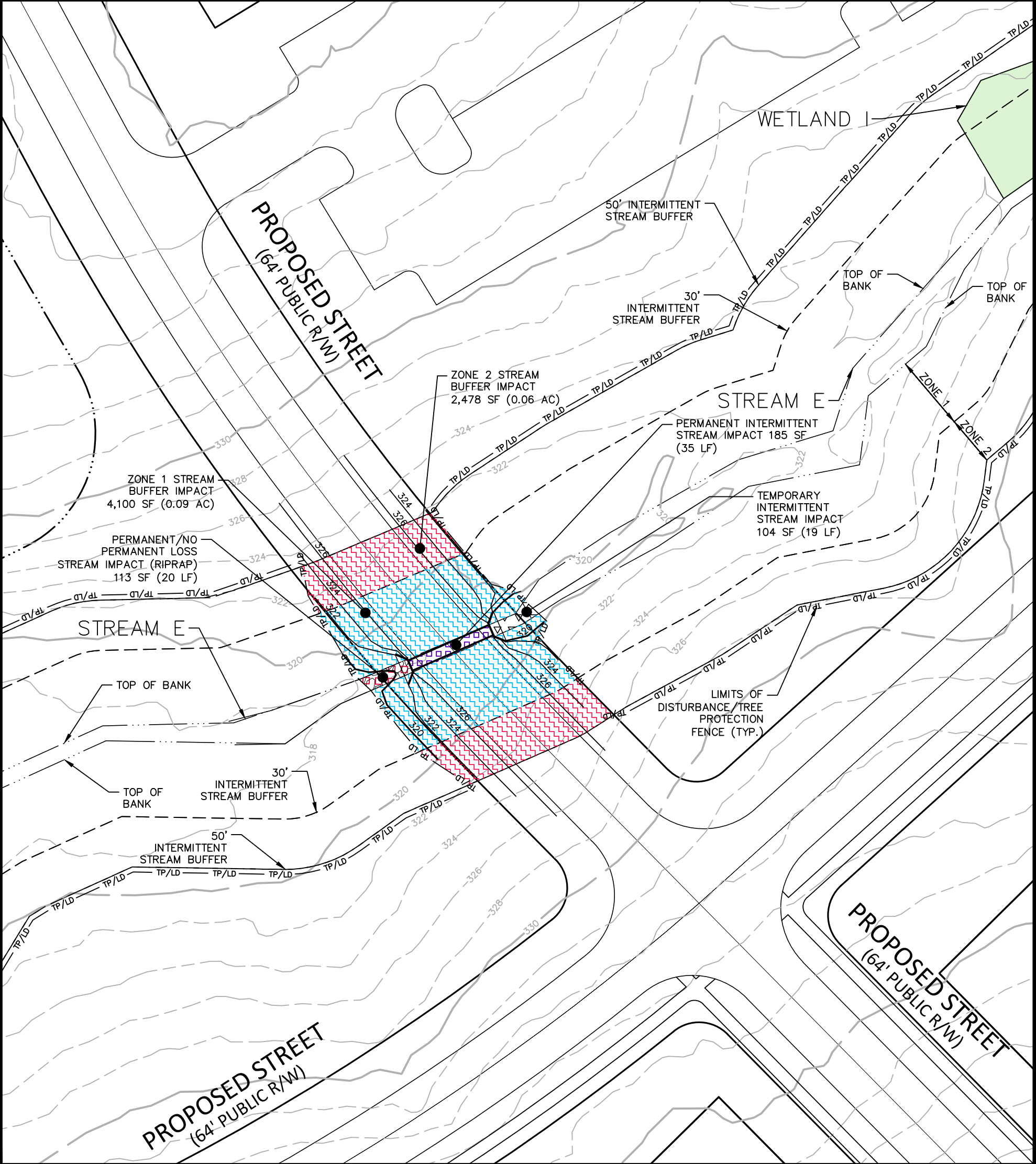
PERMANENT WETLAND IMPACT



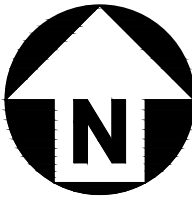
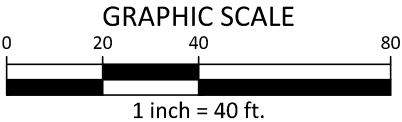
ZONE 2 APEX BUFFER
IMPACT



PERMANENT NO-PERMANENT
LOSS WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 1.6



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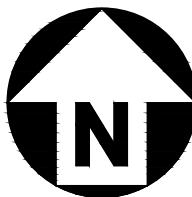
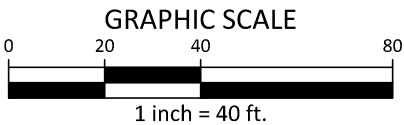
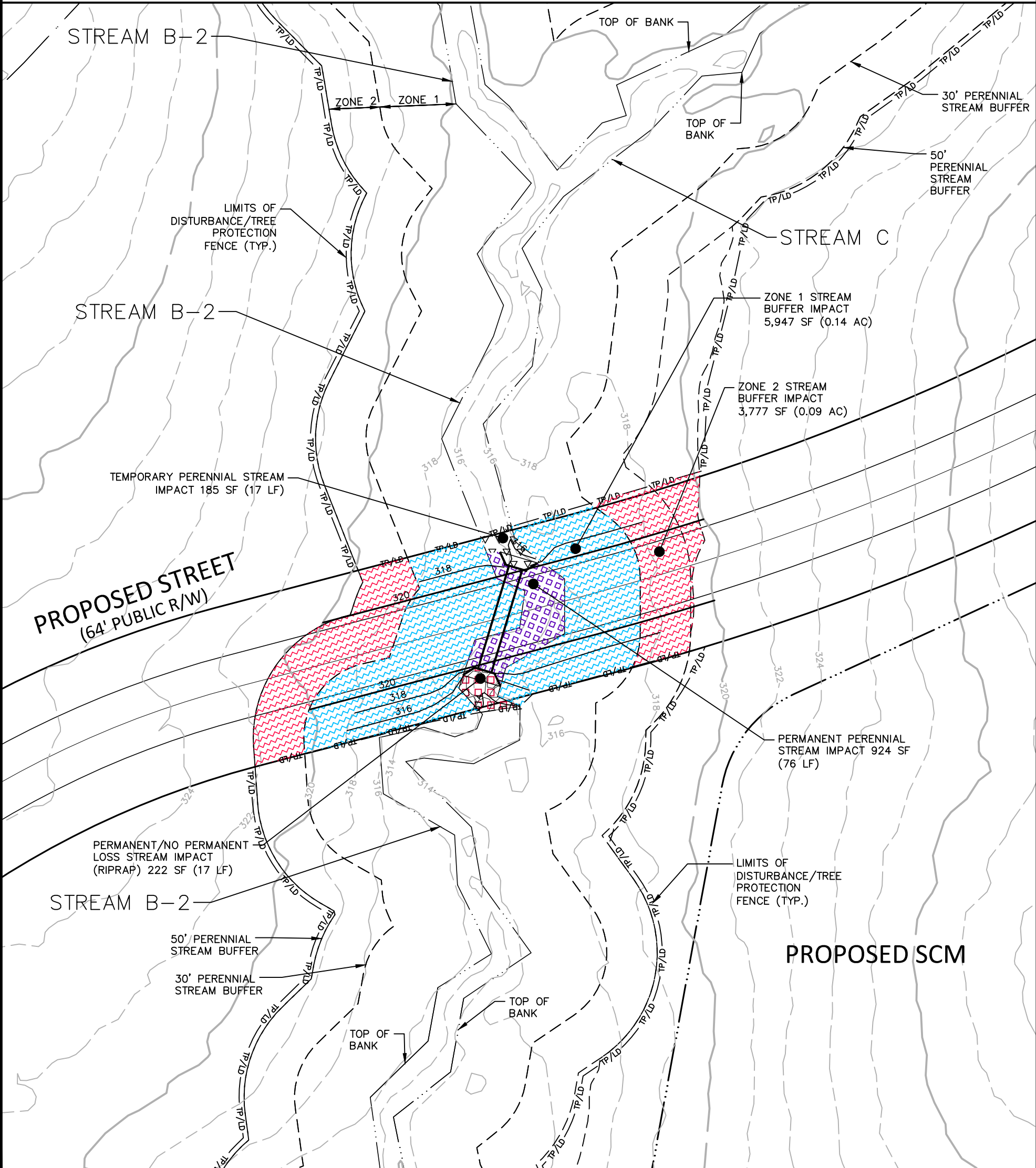
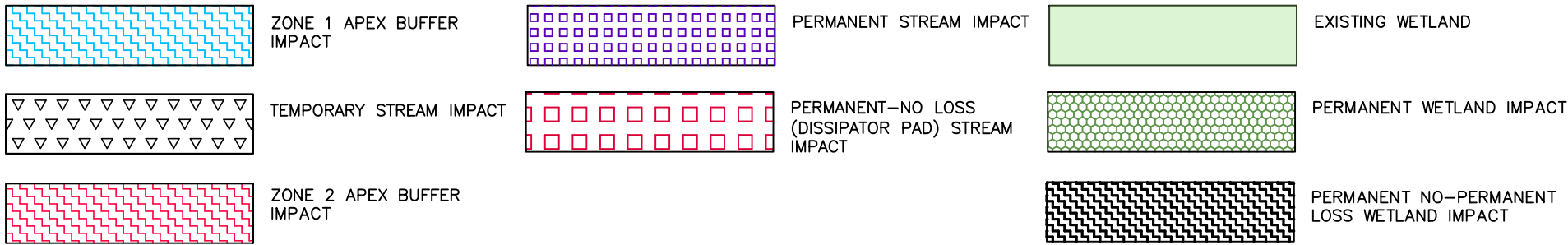
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APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
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SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



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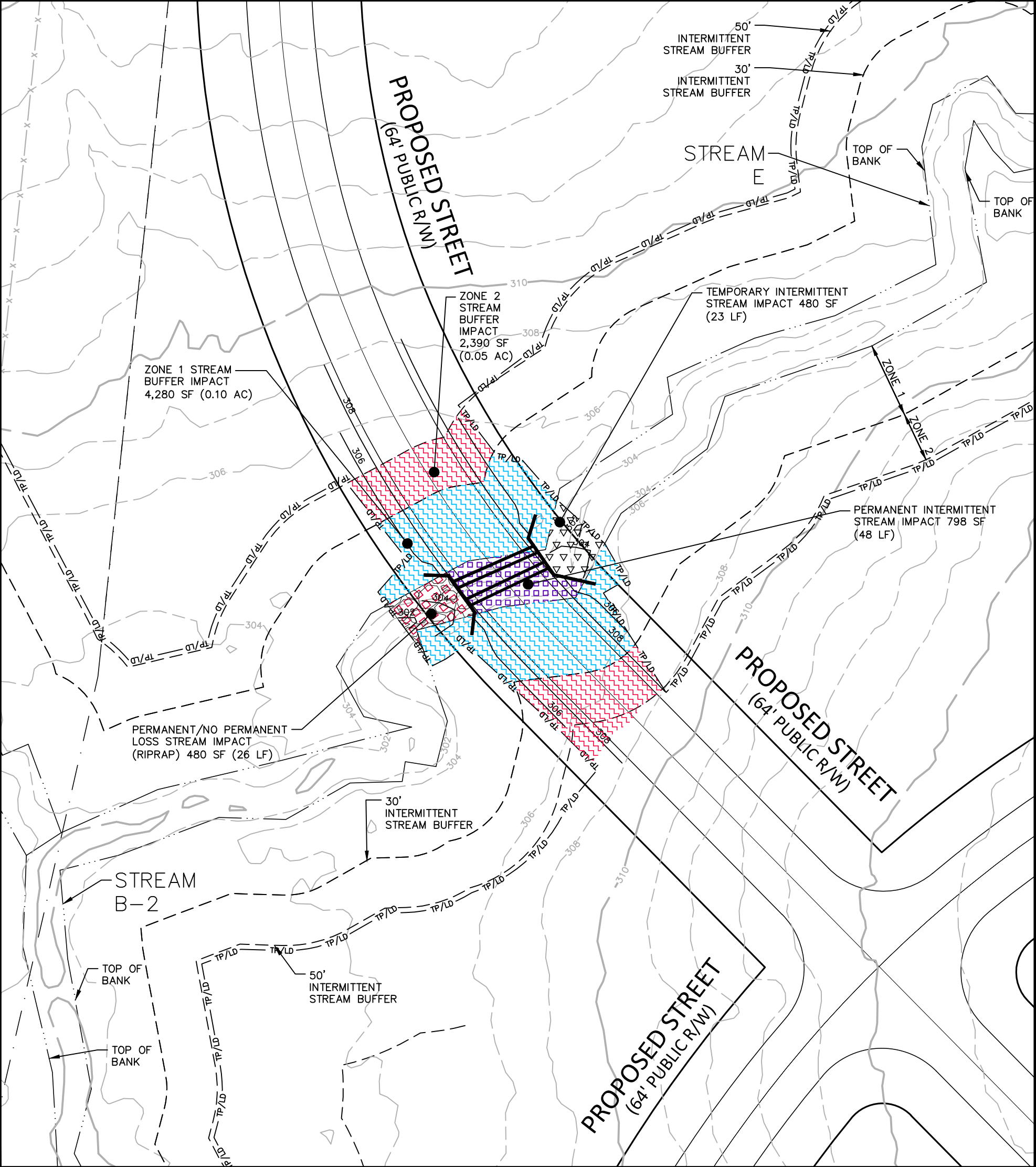
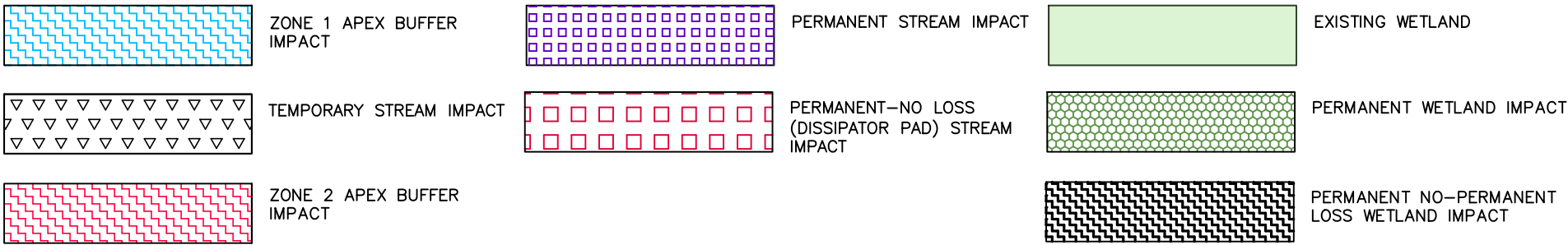
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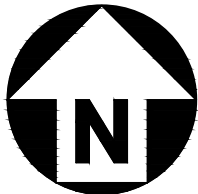
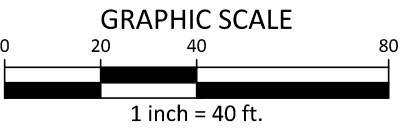
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



INTERMITTENT STREAM IMPACT AREA MAP - AREA 1.8



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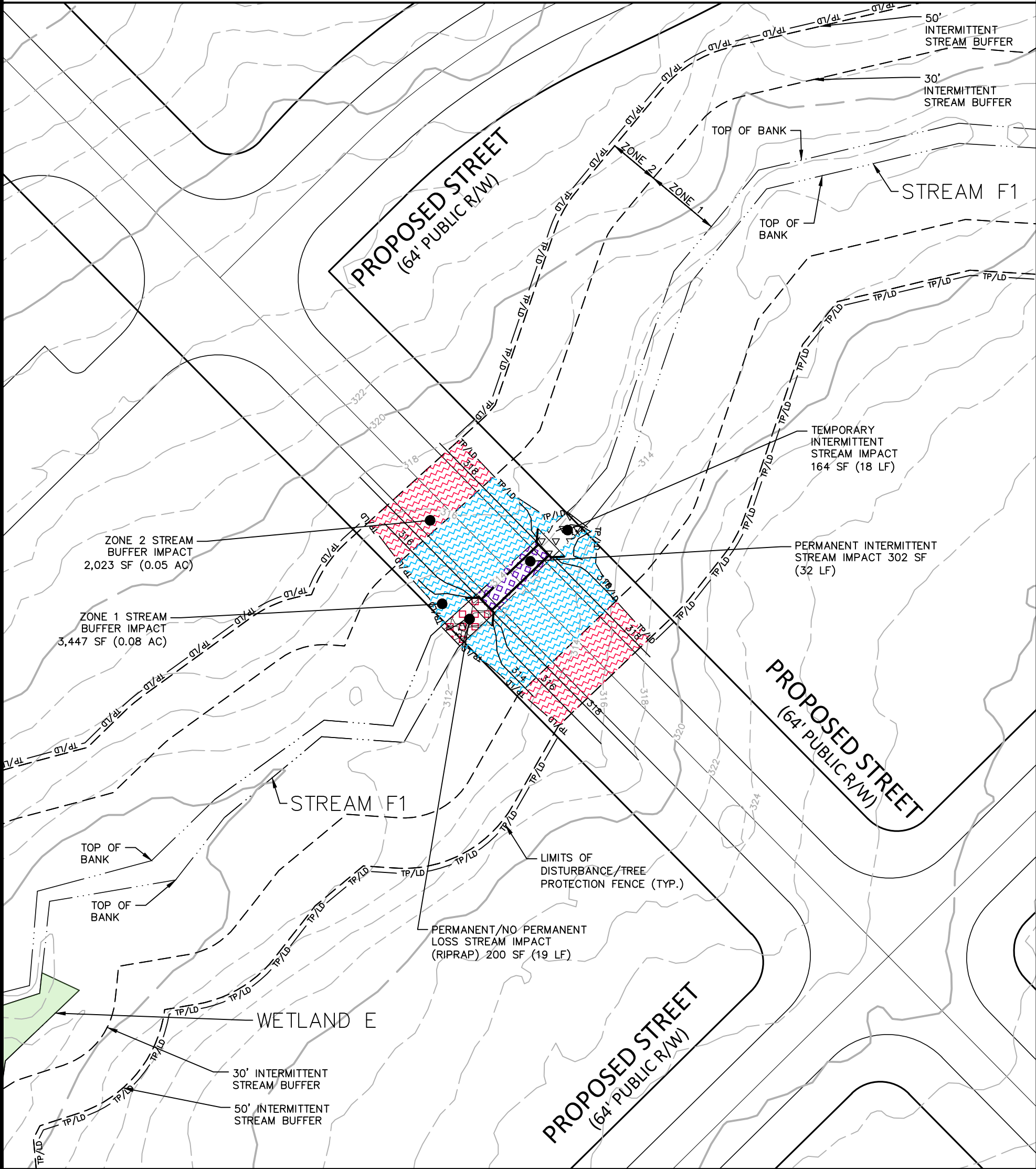
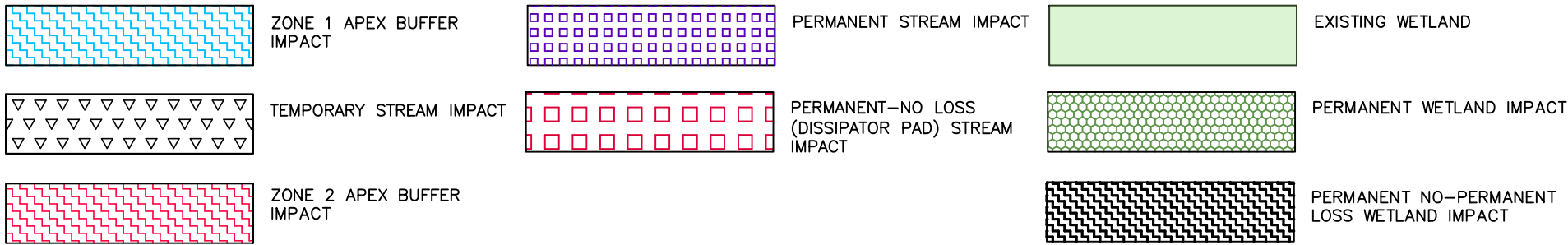
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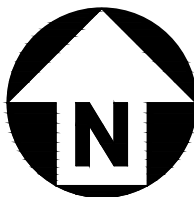
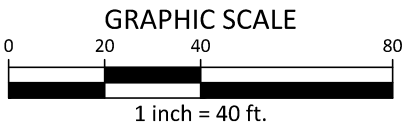
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



INTERMITTENT STREAM IMPACT AREA MAP - AREA 1.9



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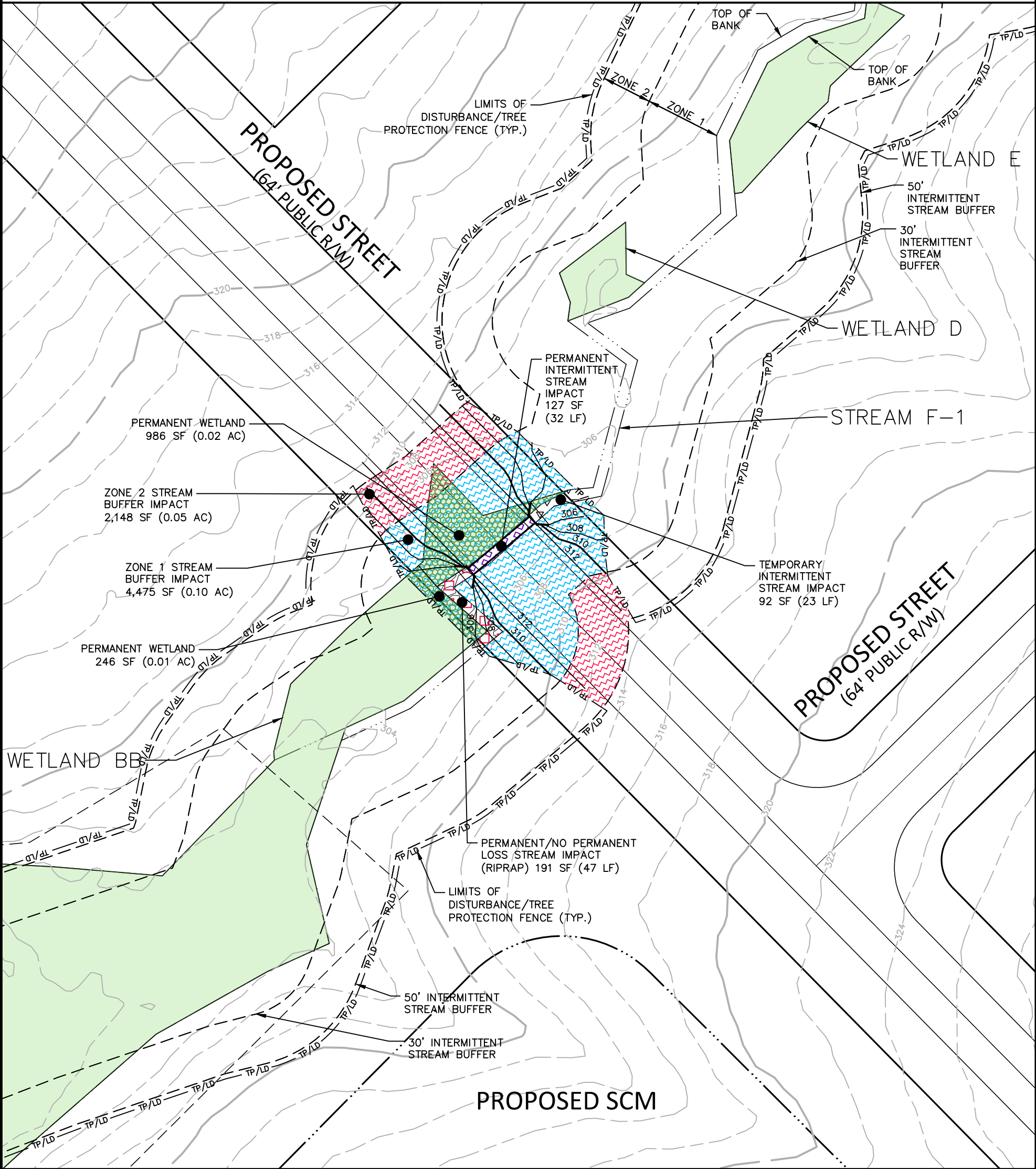
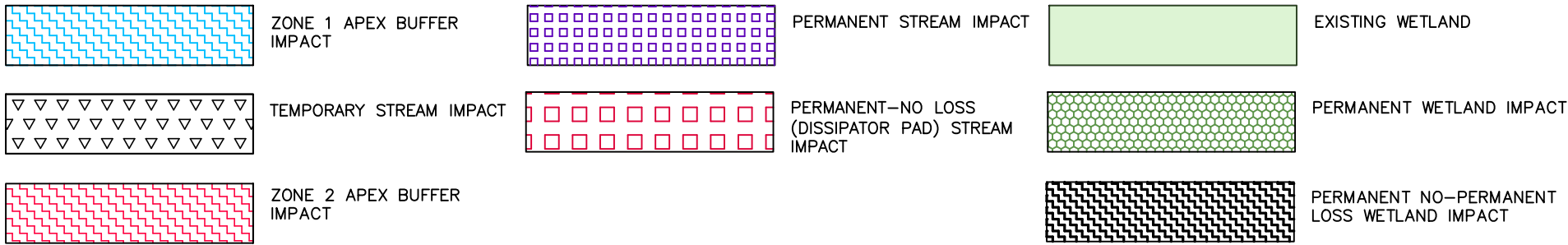
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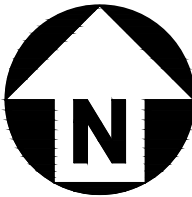
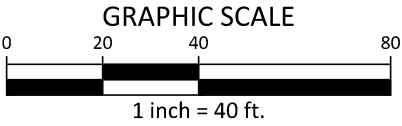
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

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FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



INTERMITTENT IMPACT AREA MAP - AREA 1.10



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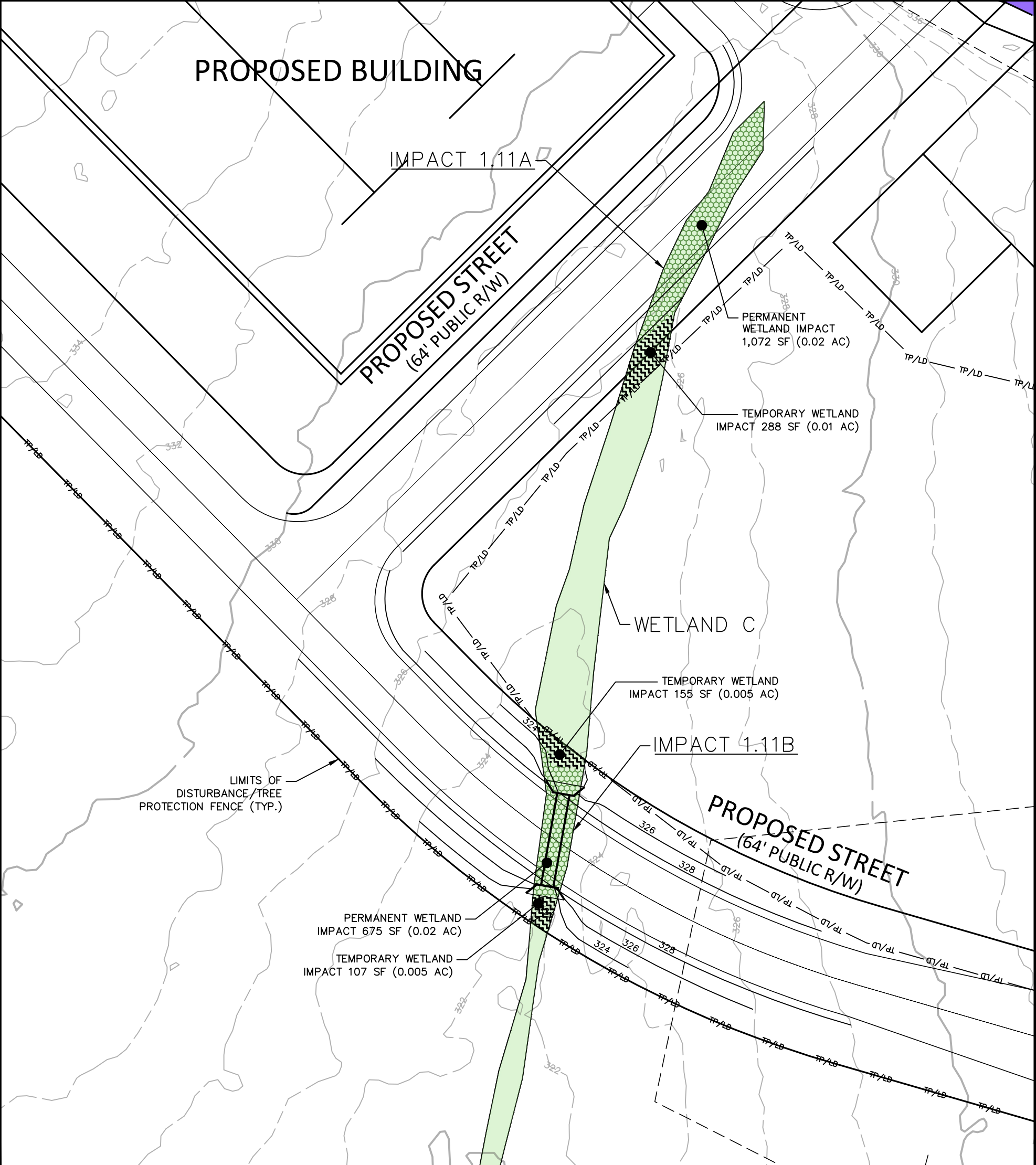
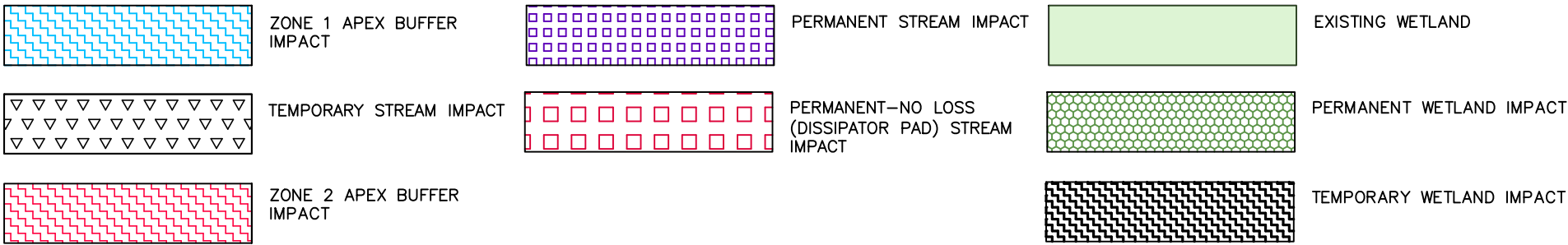
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fax 919. 361. 2269
license number: C-0293, C-187

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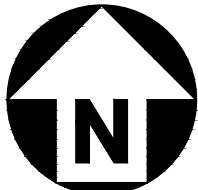
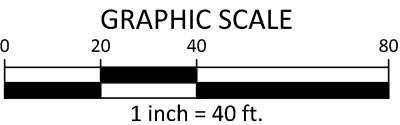
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

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PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



WETLAND IMPACT AREA MAP - AREA 1.11



NC GRID (NAD83)

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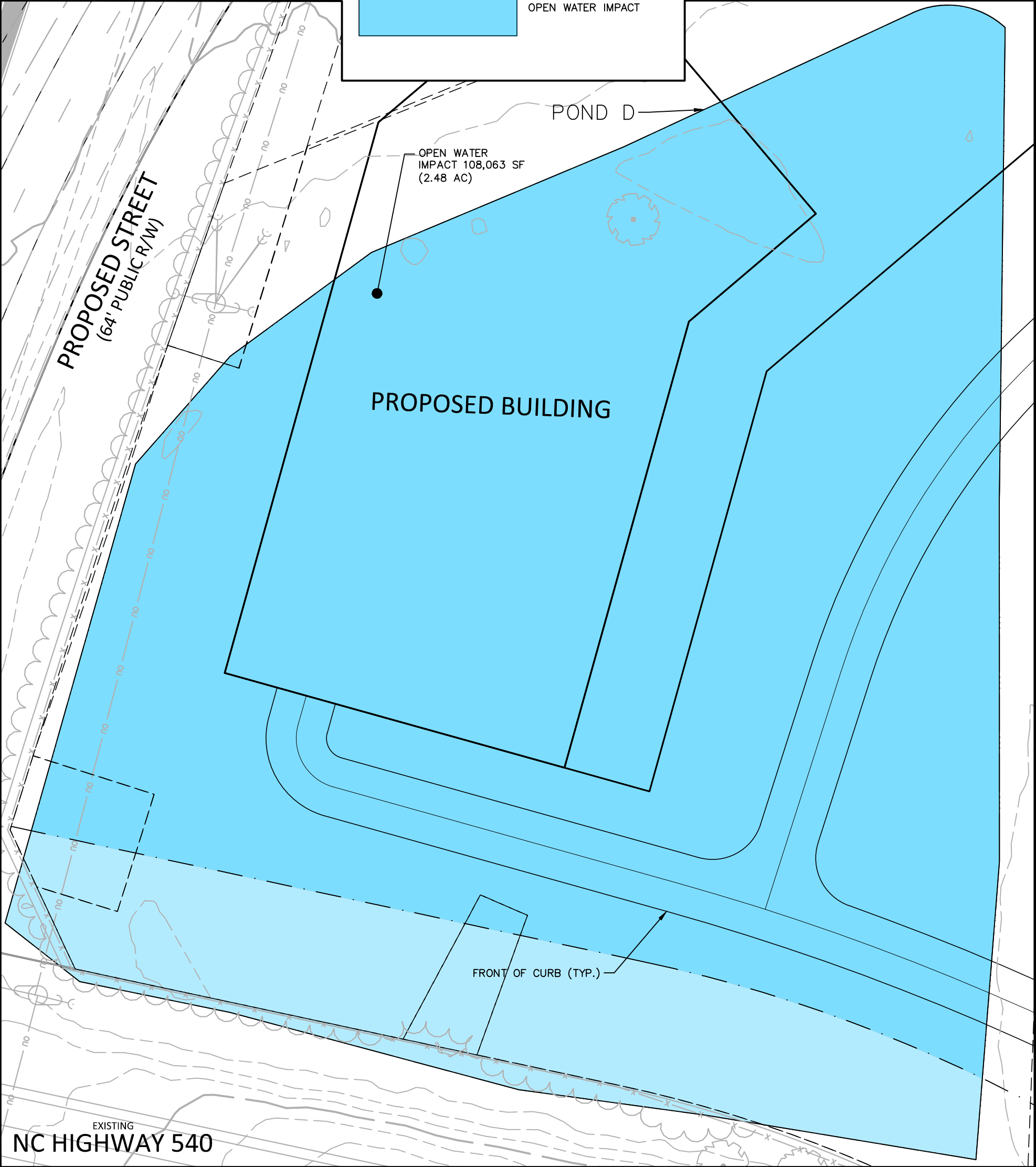
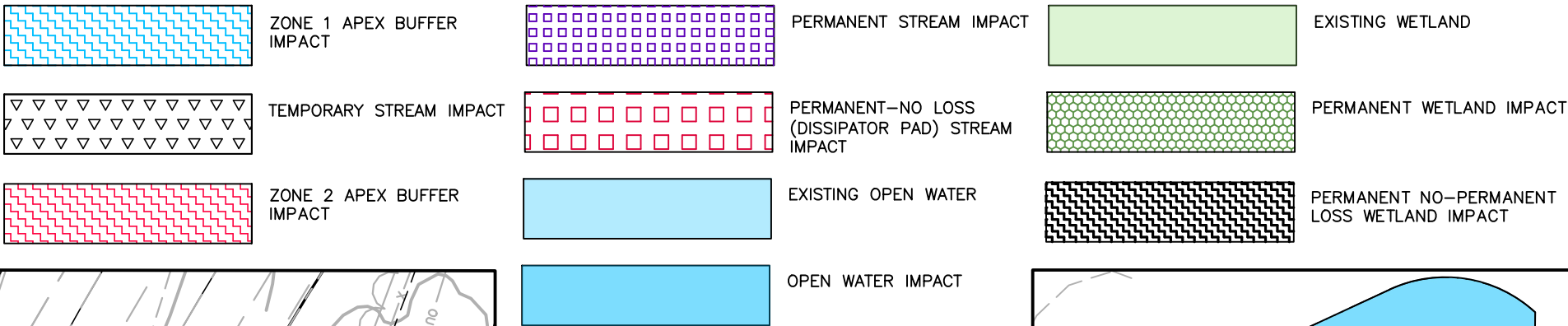
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WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

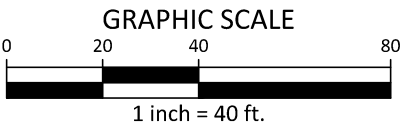
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PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



EXISTING
NC HIGHWAY 540

OPEN WATER IMPACT AREA MAP - AREA 1.12



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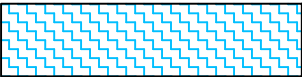
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PLAN INFORMATION	
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DATE	06. 21. 2022

LEGEND



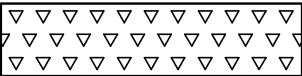
ZONE 1 APEX BUFFER
IMPACT



PERMANENT STREAM IMPACT



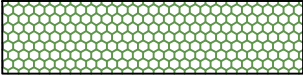
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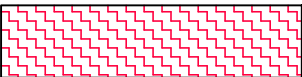
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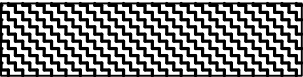
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(DISSIPATOR PAD) STREAM
IMPACT



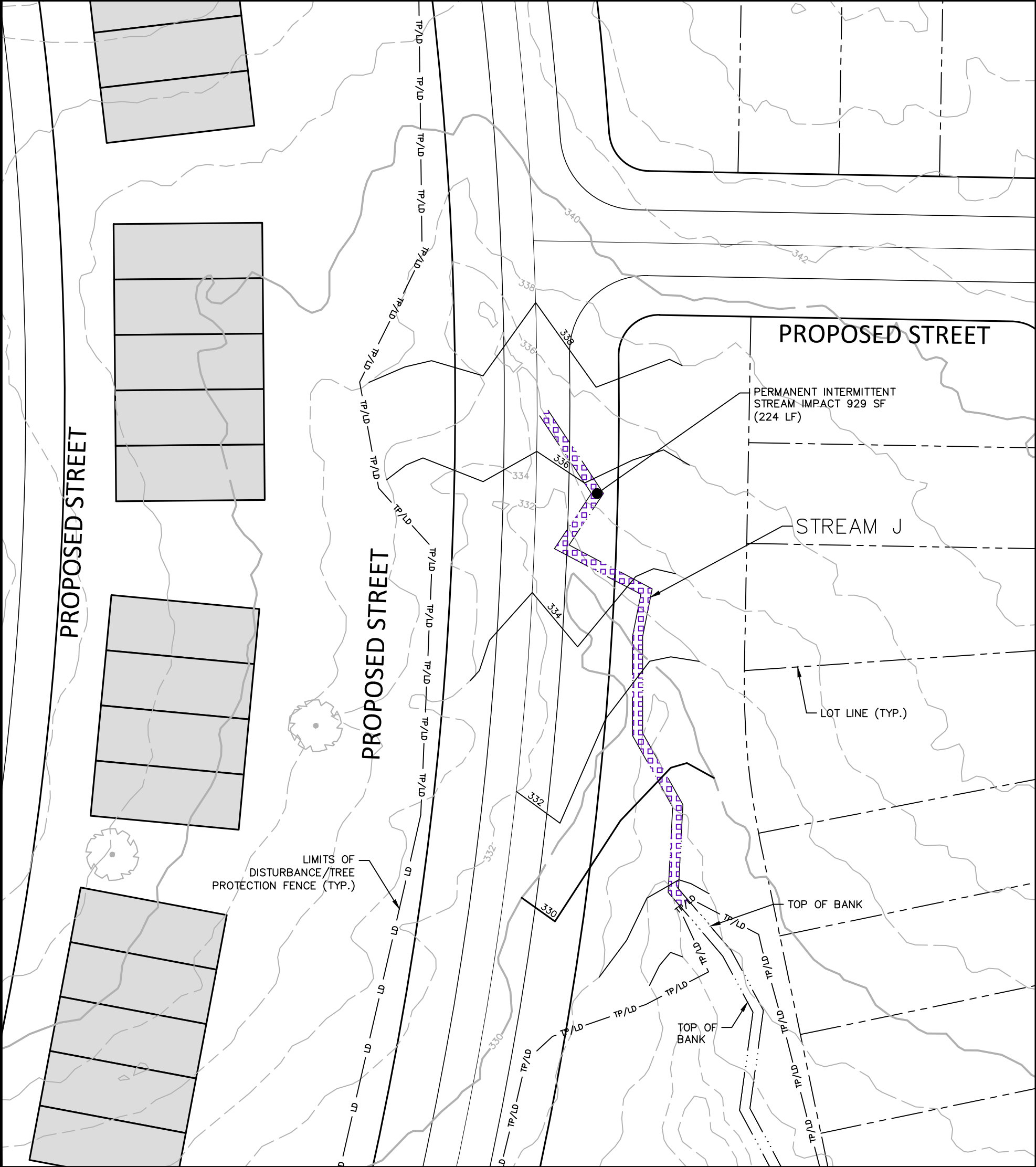
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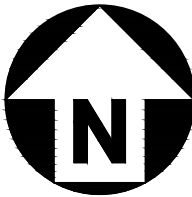
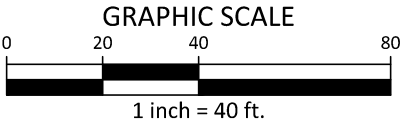
ZONE 2 APEX BUFFER
IMPACT



PERMANENT NO-PERMANENT
LOSS WETLAND IMPACT



INTERMITTENT IMPACT AREA MAP - AREA 1.13



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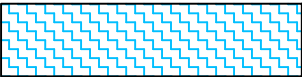
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APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
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SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



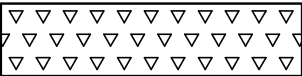
ZONE 1 APEX BUFFER
IMPACT



PERMANENT STREAM IMPACT



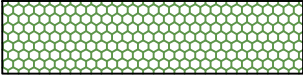
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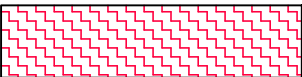
TEMPORARY STREAM IMPACT



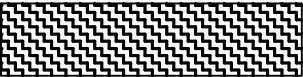
PERMANENT-NO LOSS
(DISSIPATOR PAD) STREAM
IMPACT



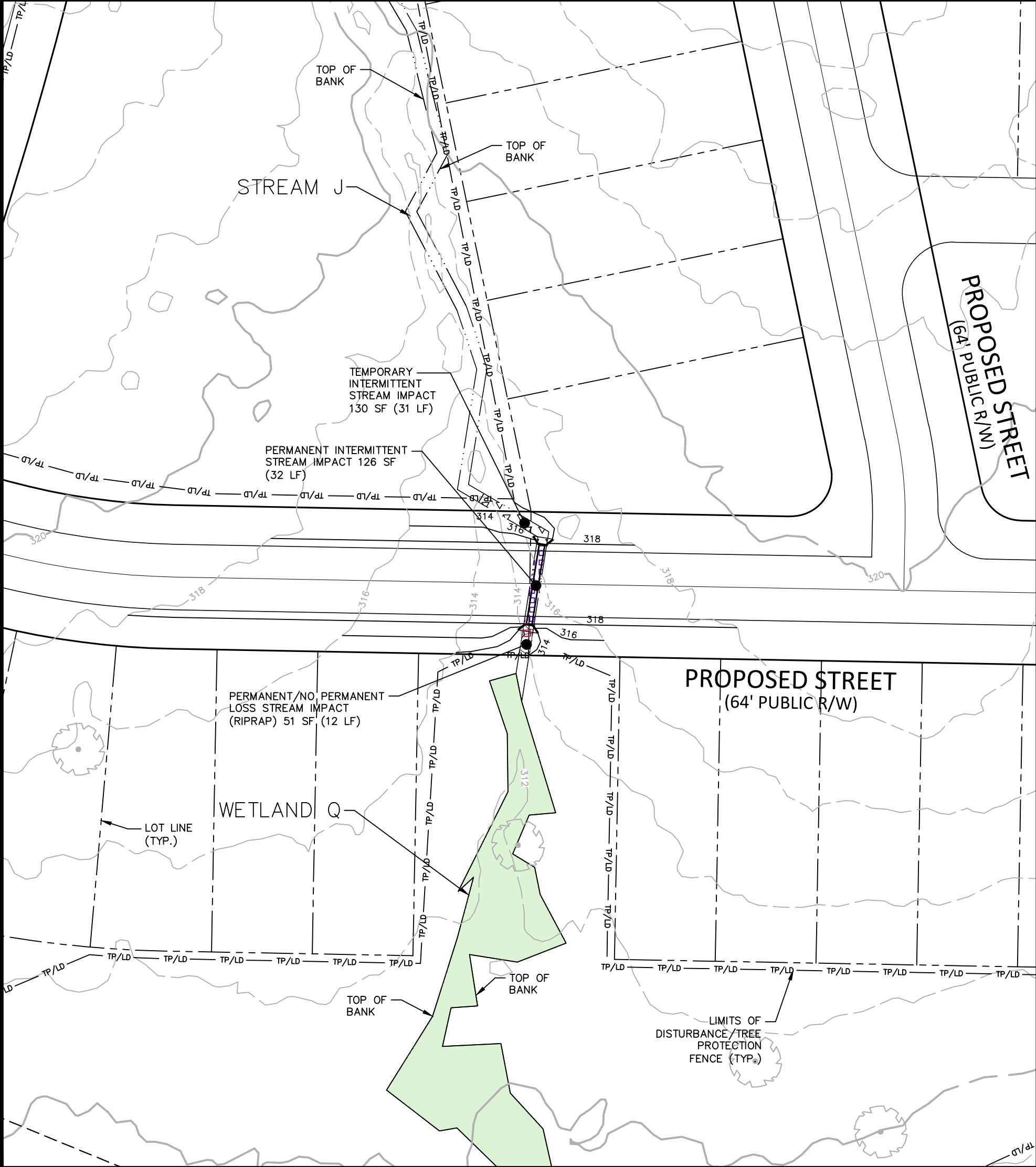
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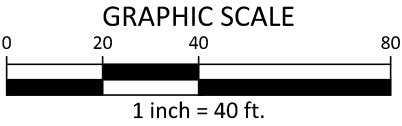
ZONE 2 APEX BUFFER
IMPACT



PERMANENT NO-PERMANENT
LOSS WETLAND IMPACT



INTERMITTENT IMPACT AREA MAP - AREA 1.14



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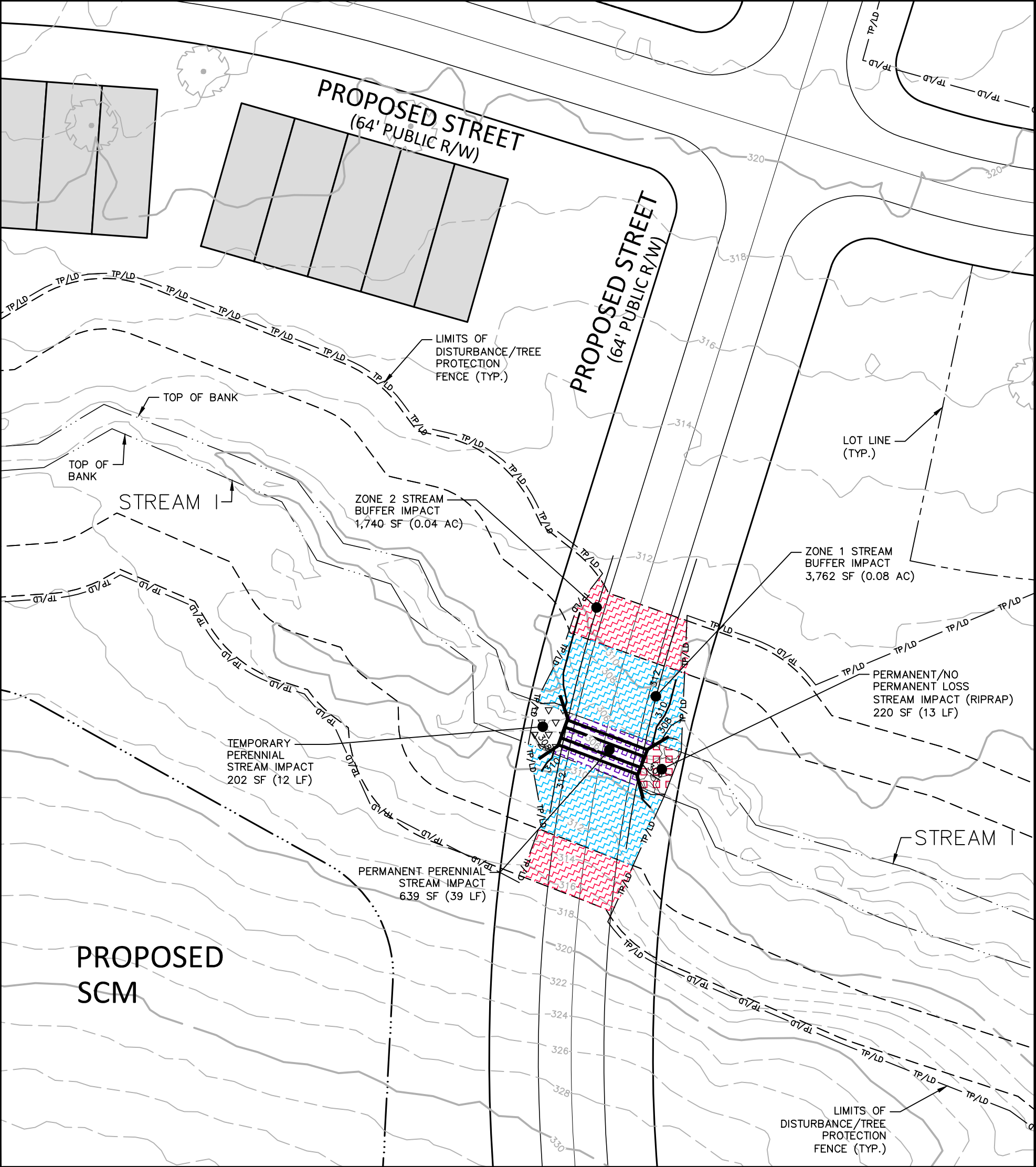
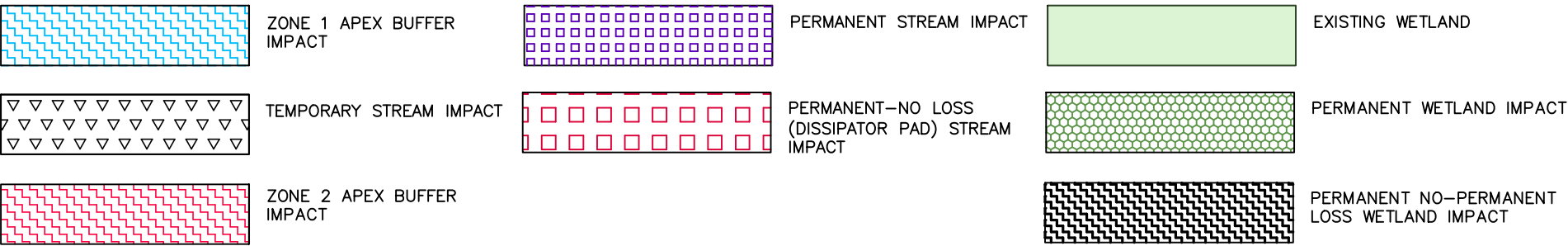
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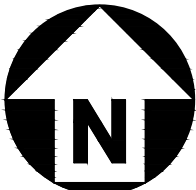
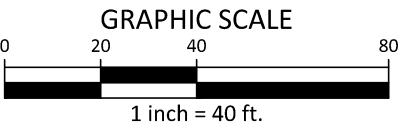
PLAN INFORMATION

PROJECT NO. LEN-22002
FILENAME LEN-22002-EV1
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LEGEND



PERENNIAL IMPACT AREA MAP - AREA 1.15



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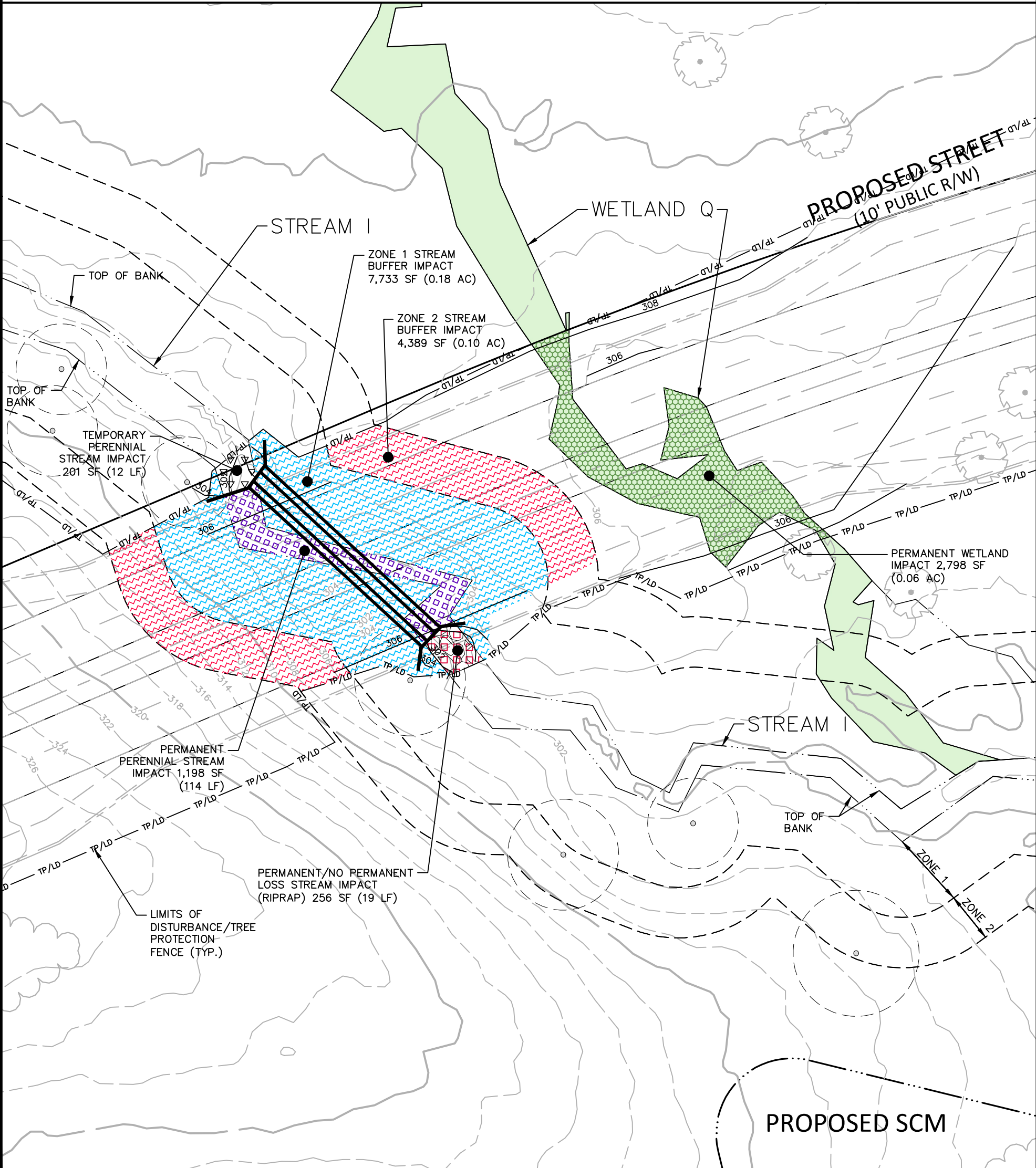
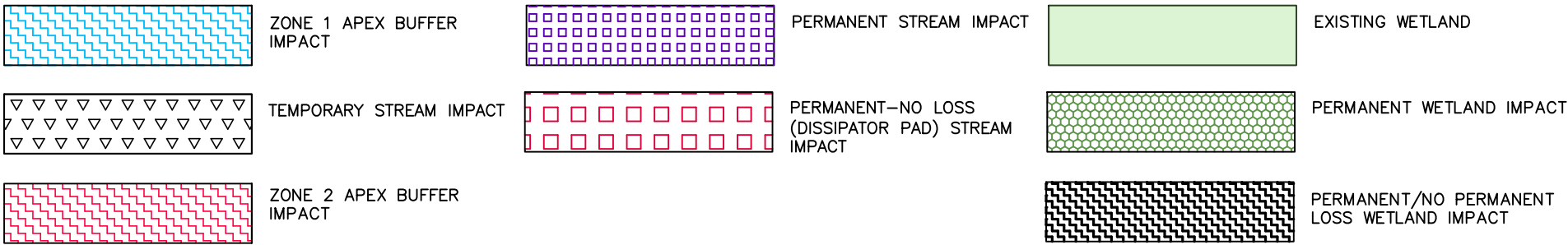
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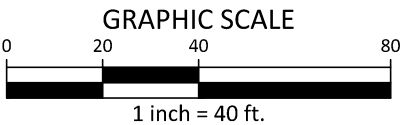
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FILENAME	LEN-22002-EV1
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LEGEND



PERENNIAL & WETLAND IMPACT AREA MAP -
AREA 1.16



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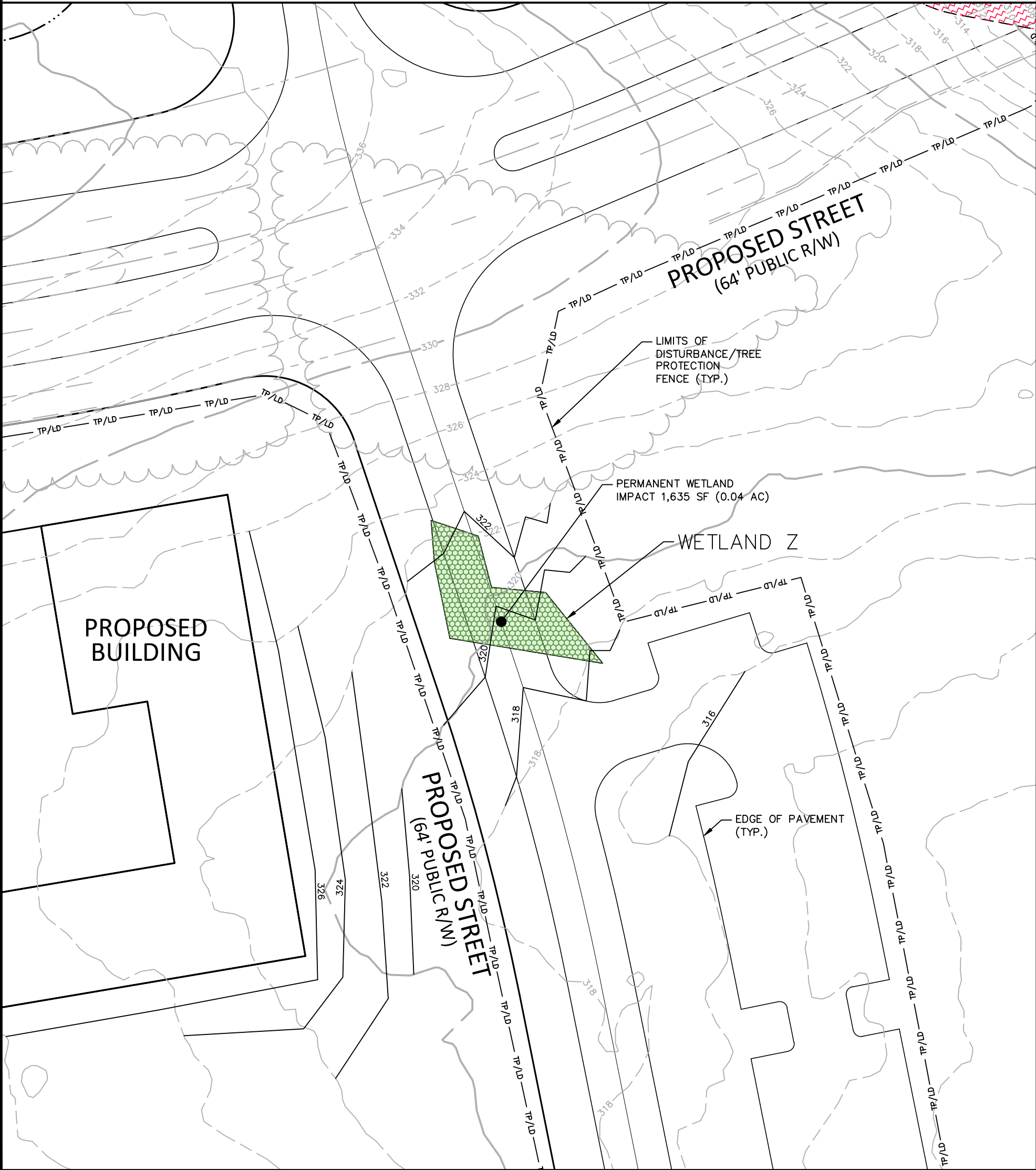
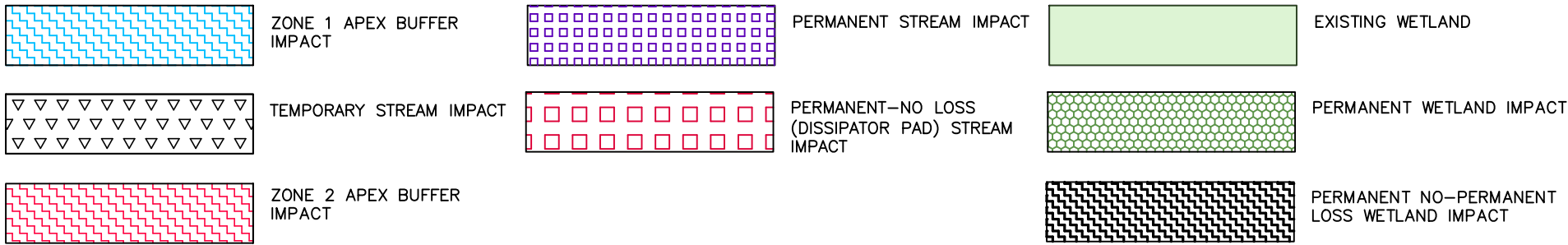
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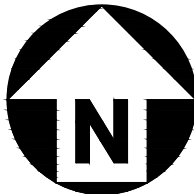
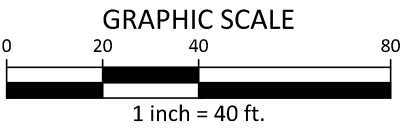
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PLAN INFORMATION	
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LEGEND



WETLAND IMPACT AREA MAP - AREA 1.17



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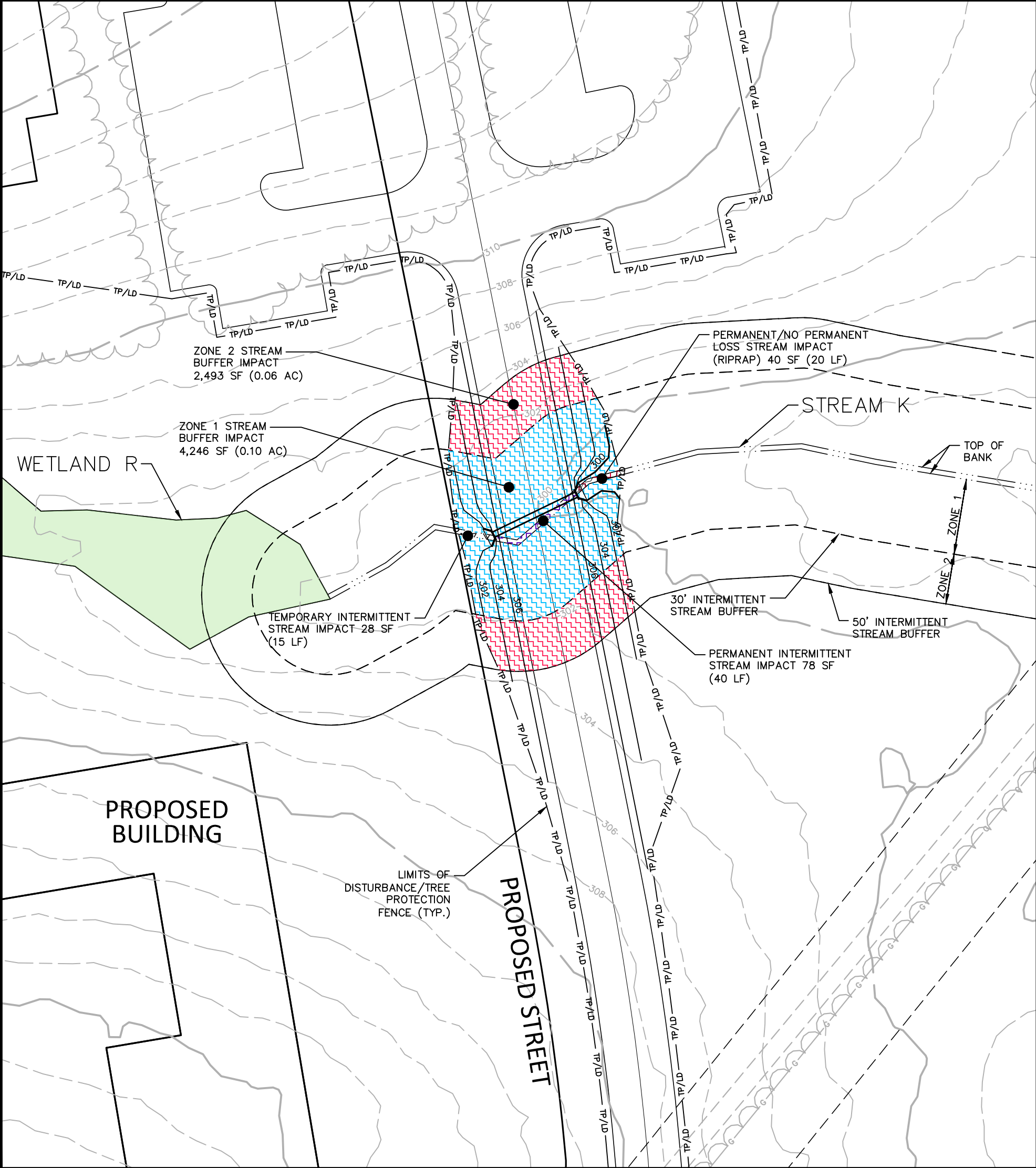
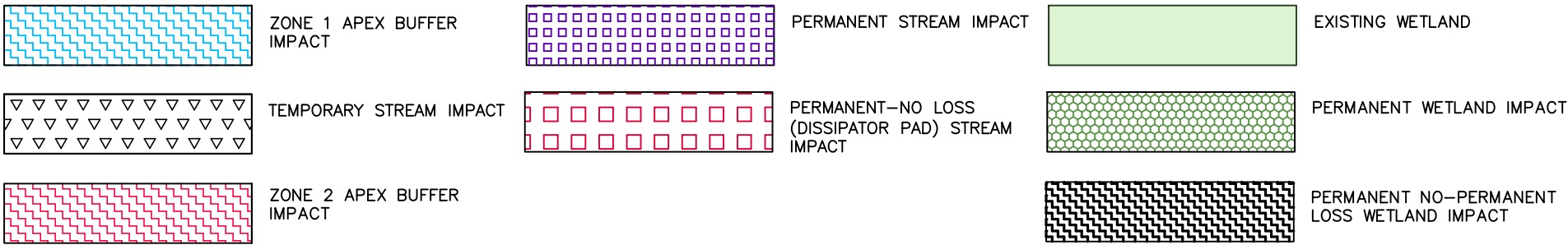
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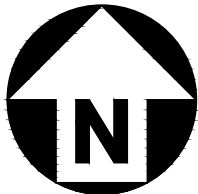
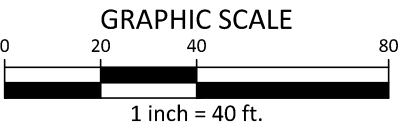
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LEGEND



INTERMITTENT STREAM IMPACT AREA MAP - AREA 1.18



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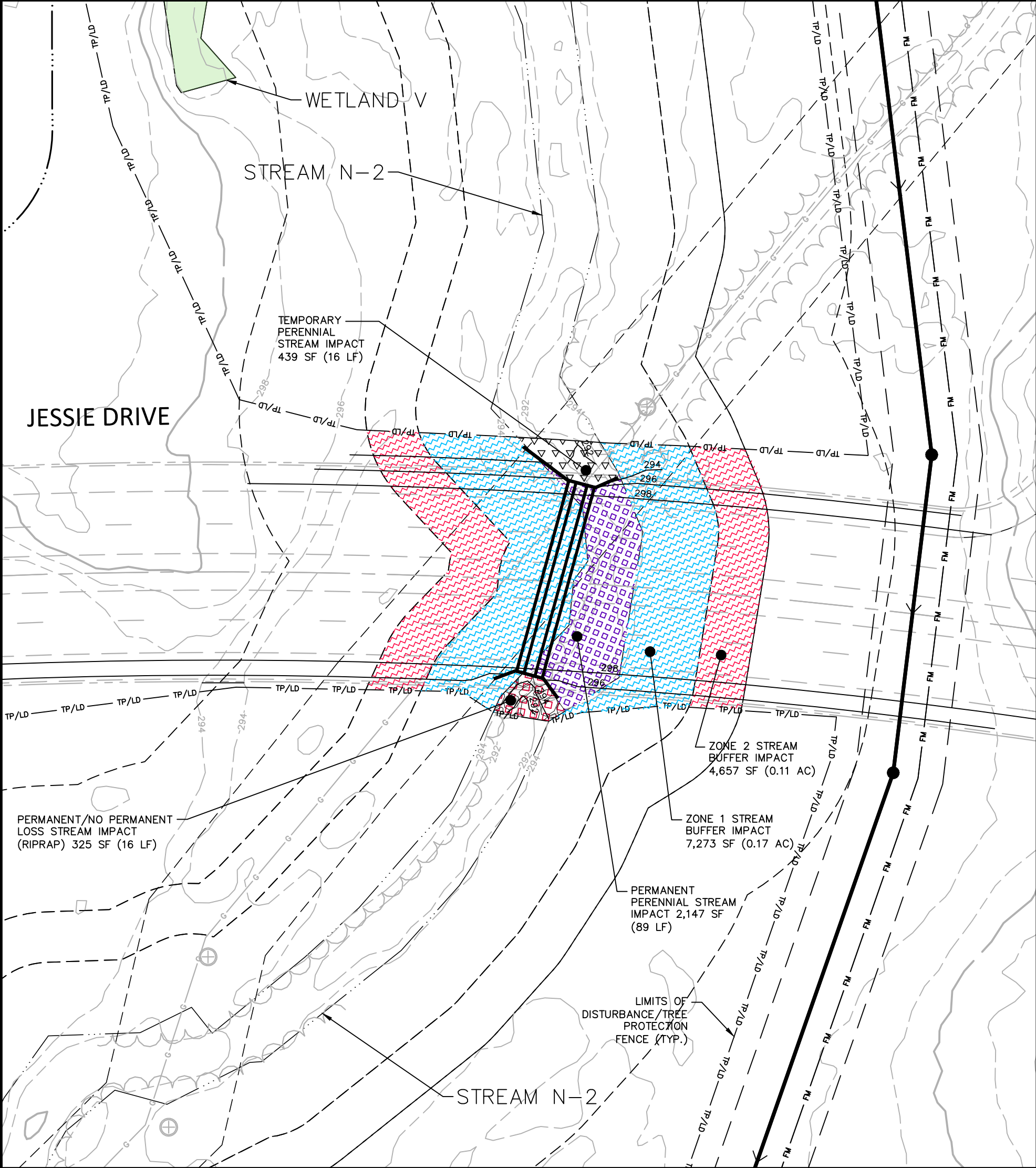
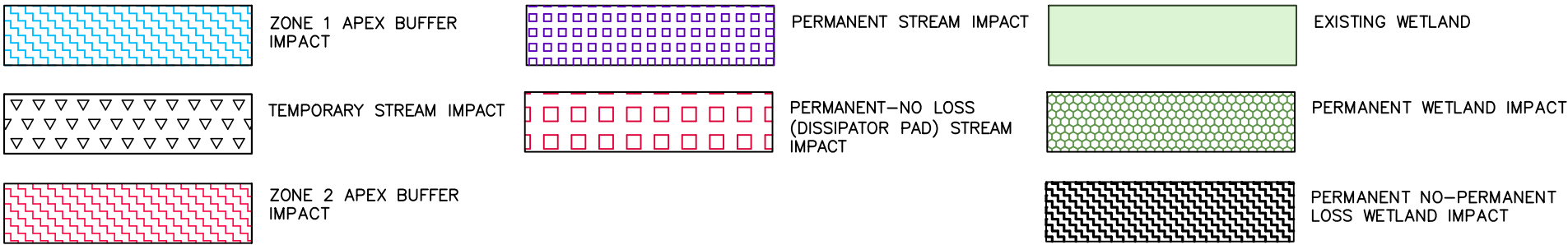
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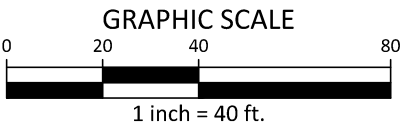
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LEGEND



PERENNIAL IMPACT AREA MAP - AREA 1.19



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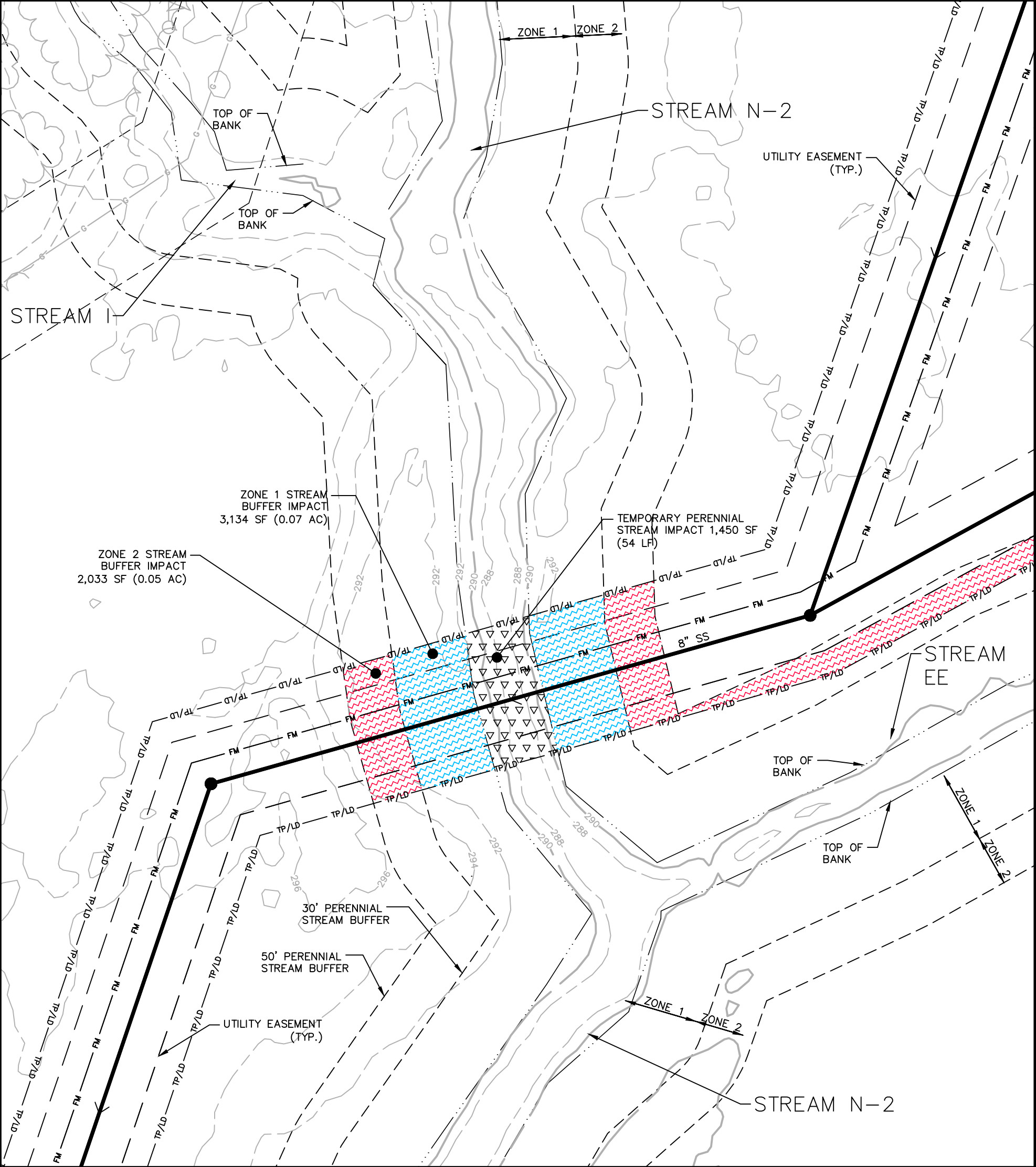
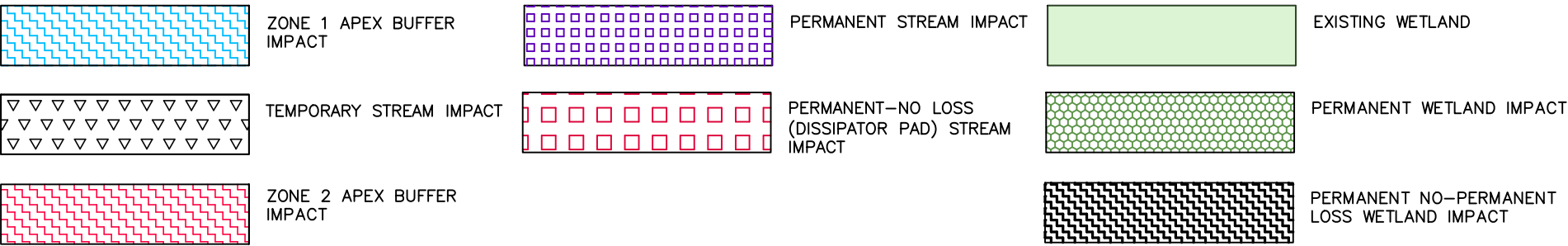
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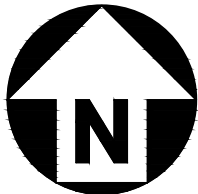
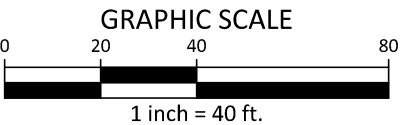
VERIDEA
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LEGEND



PERENNIAL IMPACT AREA MAP - AREA 1.20



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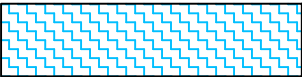
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LEGEND



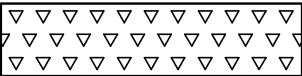
ZONE 1 APEX BUFFER
IMPACT



PERMANENT STREAM IMPACT



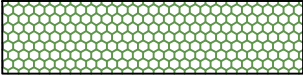
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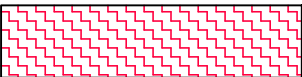
TEMPORARY STREAM IMPACT



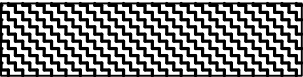
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(DISSIPATOR PAD) STREAM
IMPACT



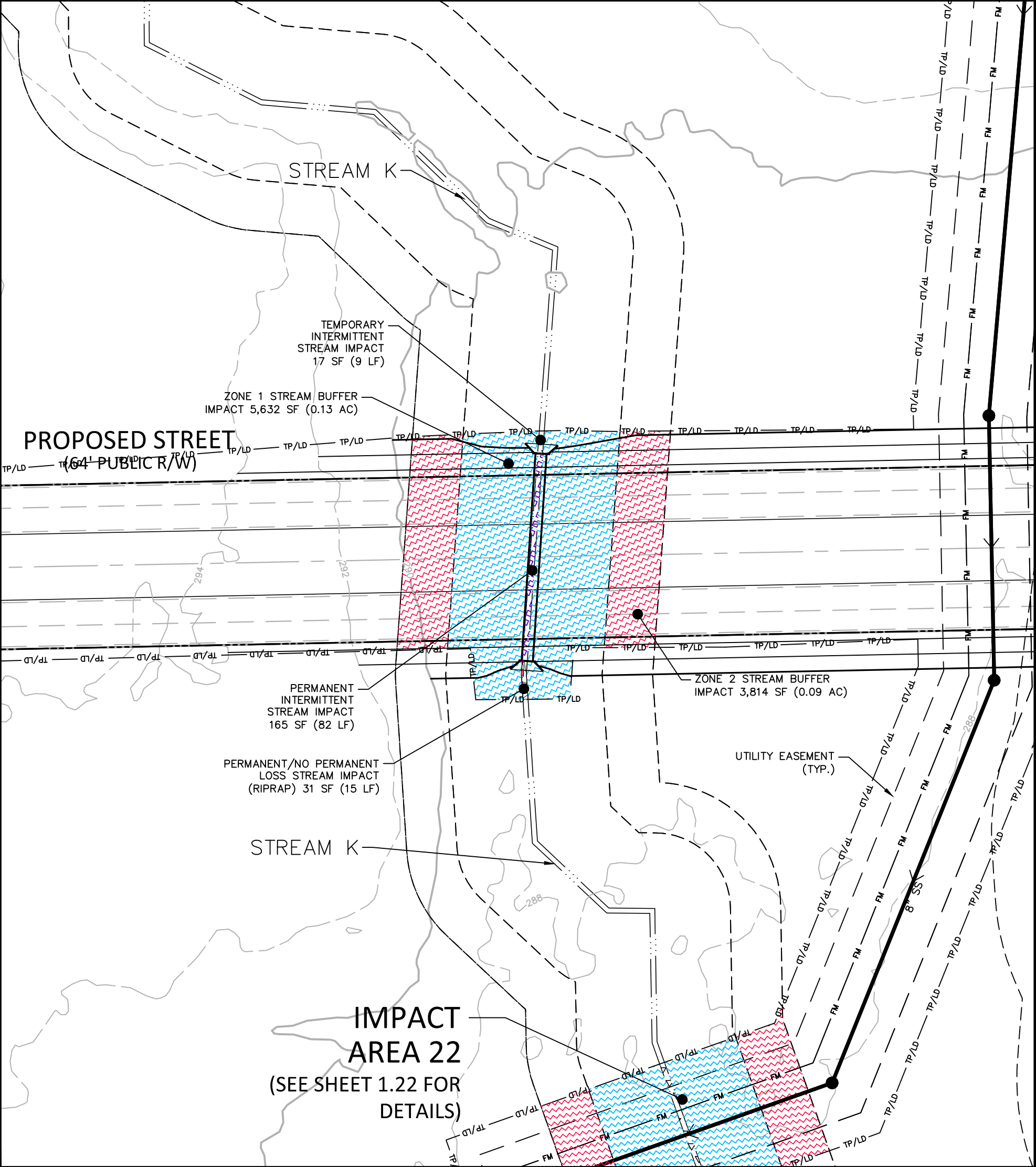
PERMANENT WETLAND IMPACT



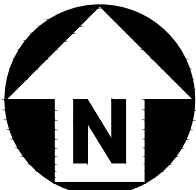
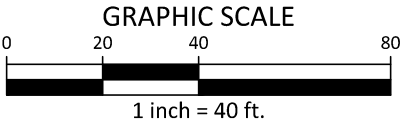
ZONE 2 APEX BUFFER
IMPACT



PERMANENT NO-PERMANENT
LOSS WETLAND IMPACT



INTERMITTENT IMPACT AREA MAP - AREA 1.21



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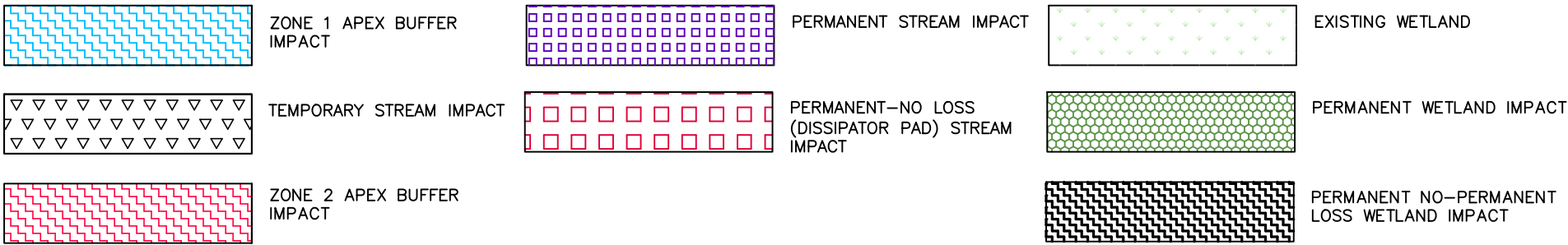
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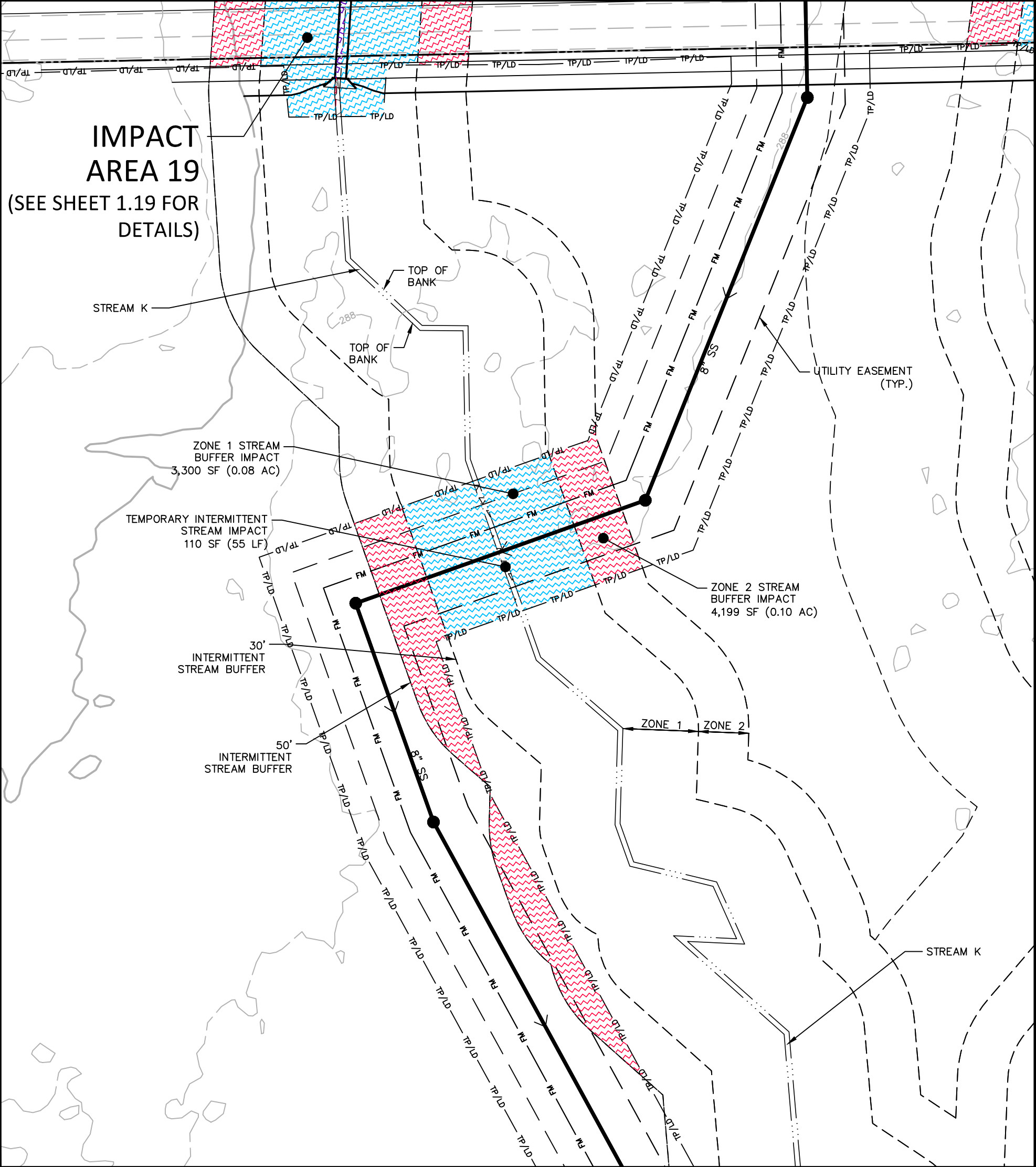
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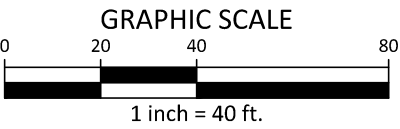
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IMPACT
AREA 19
(SEE SHEET 1.19 FOR
DETAILS)



INTERMITTENT IMPACT AREA MAP - AREA 1.22



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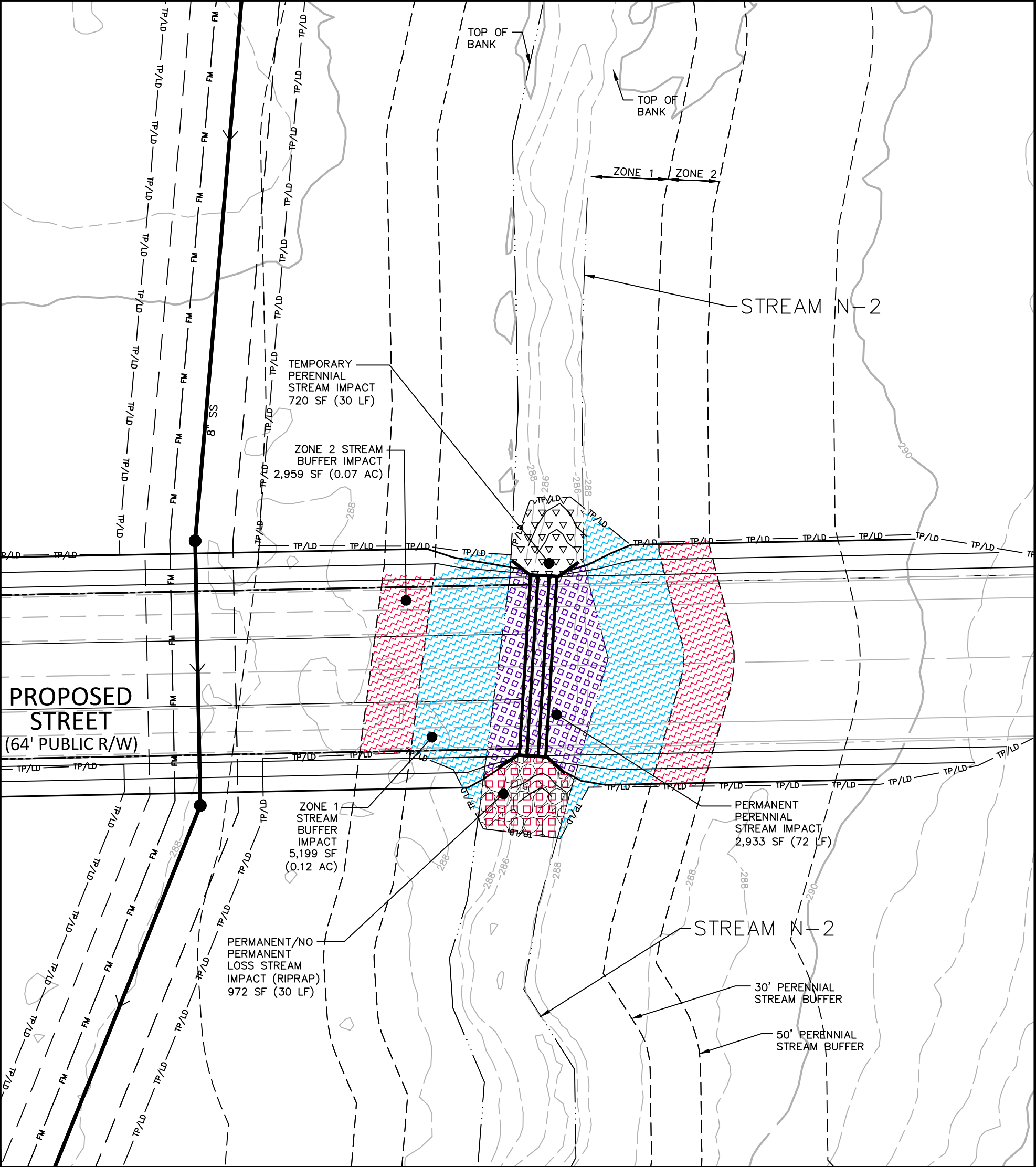
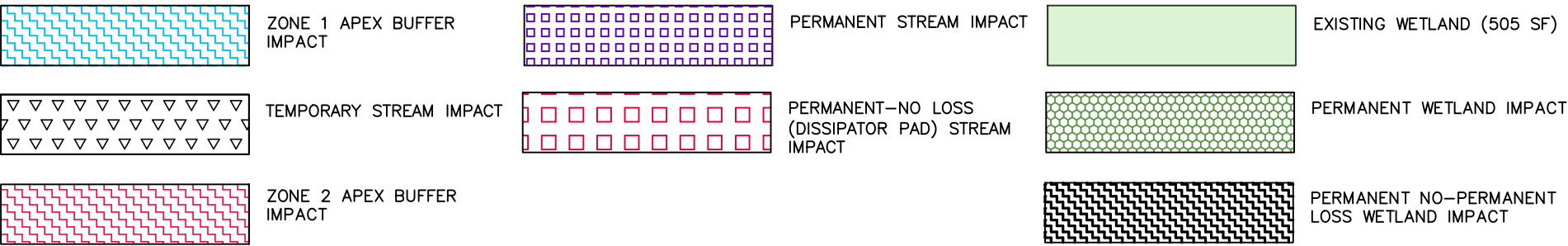
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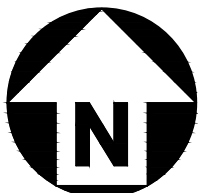
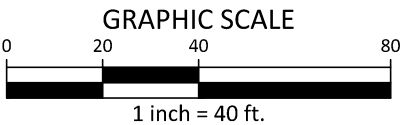
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LEGEND



PERENNIAL IMPACT AREA MAP - AREA 1.23



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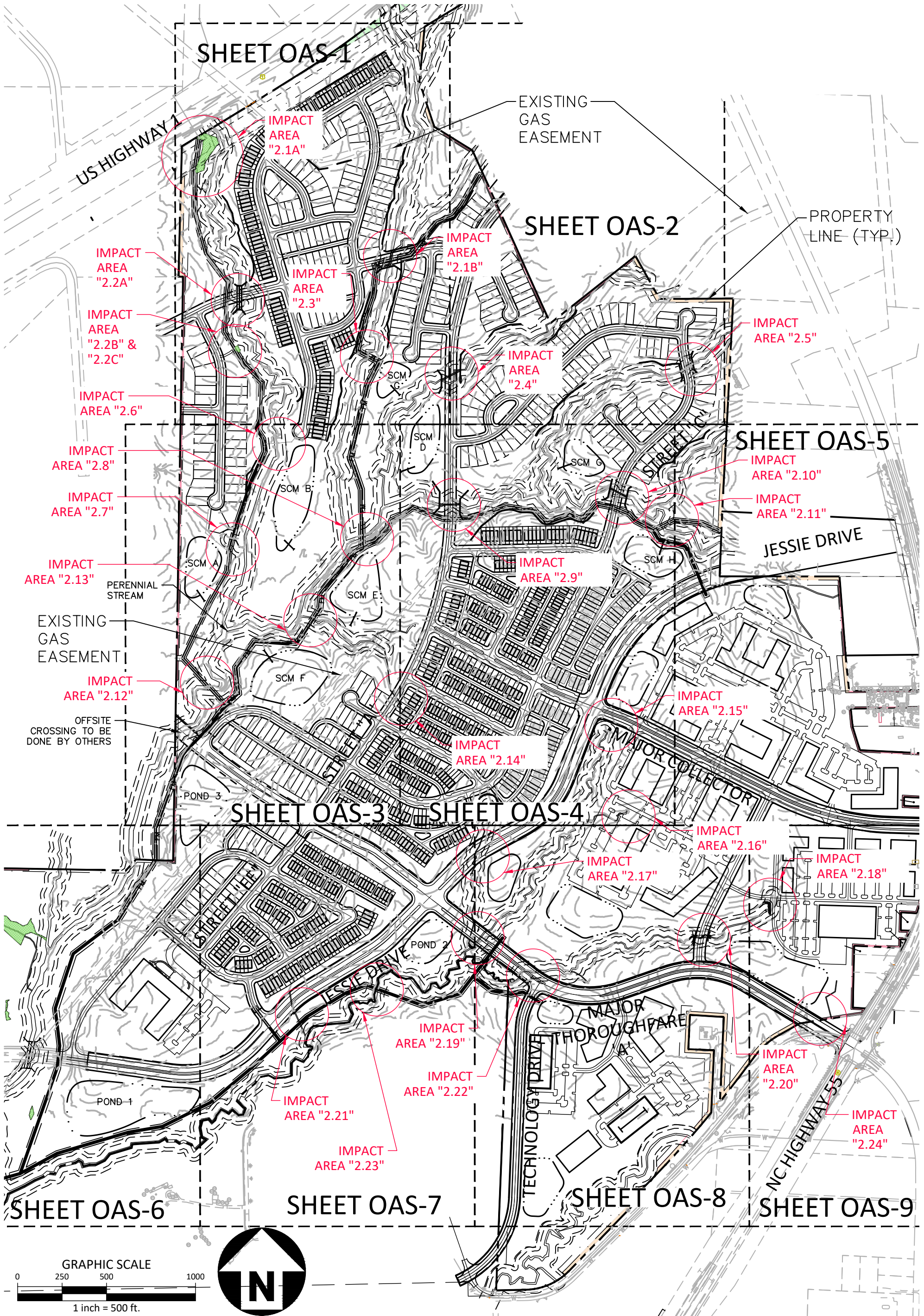
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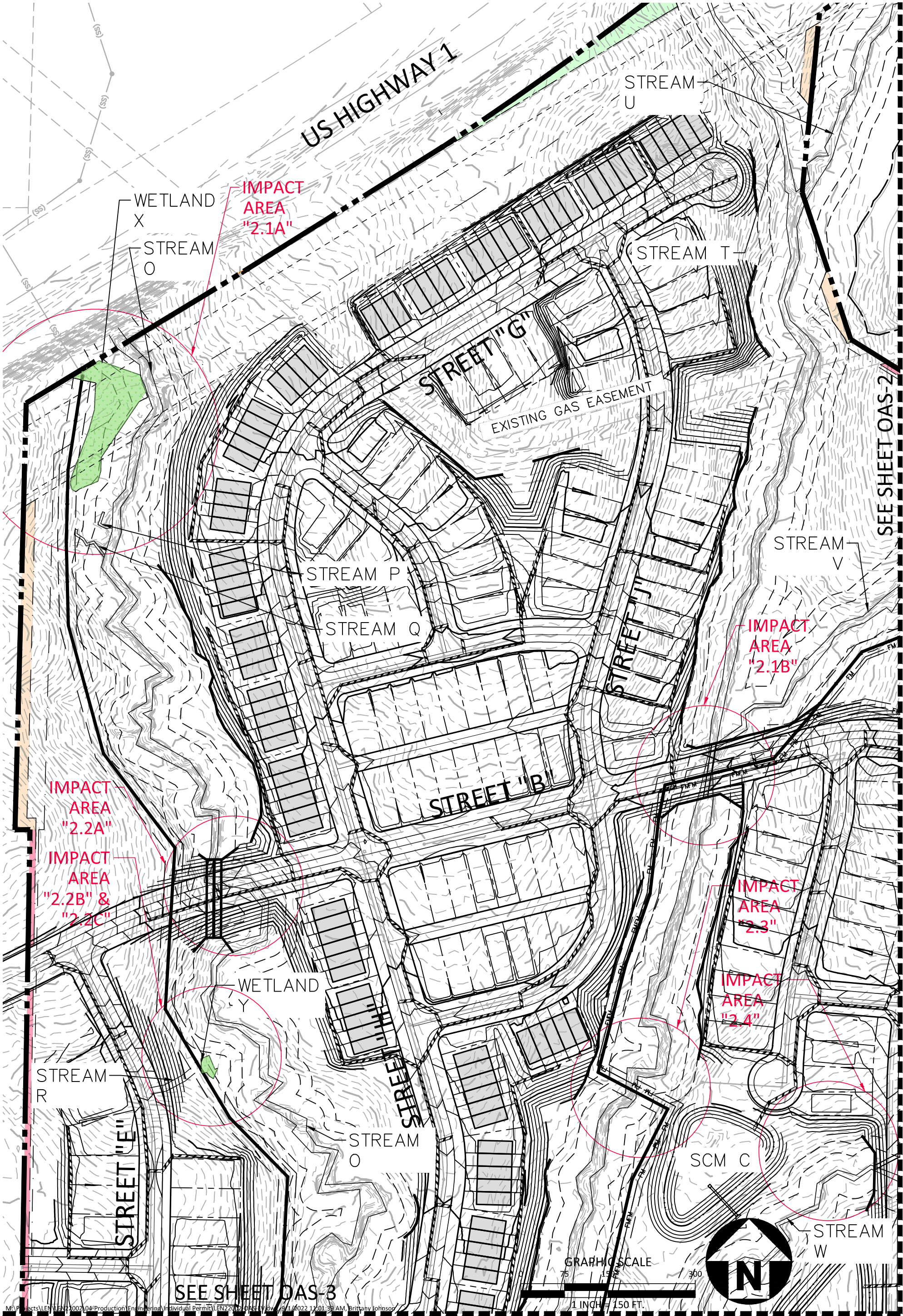
VERIDEA - EAST VILLAGE


WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

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DATE	06. 21. 2022





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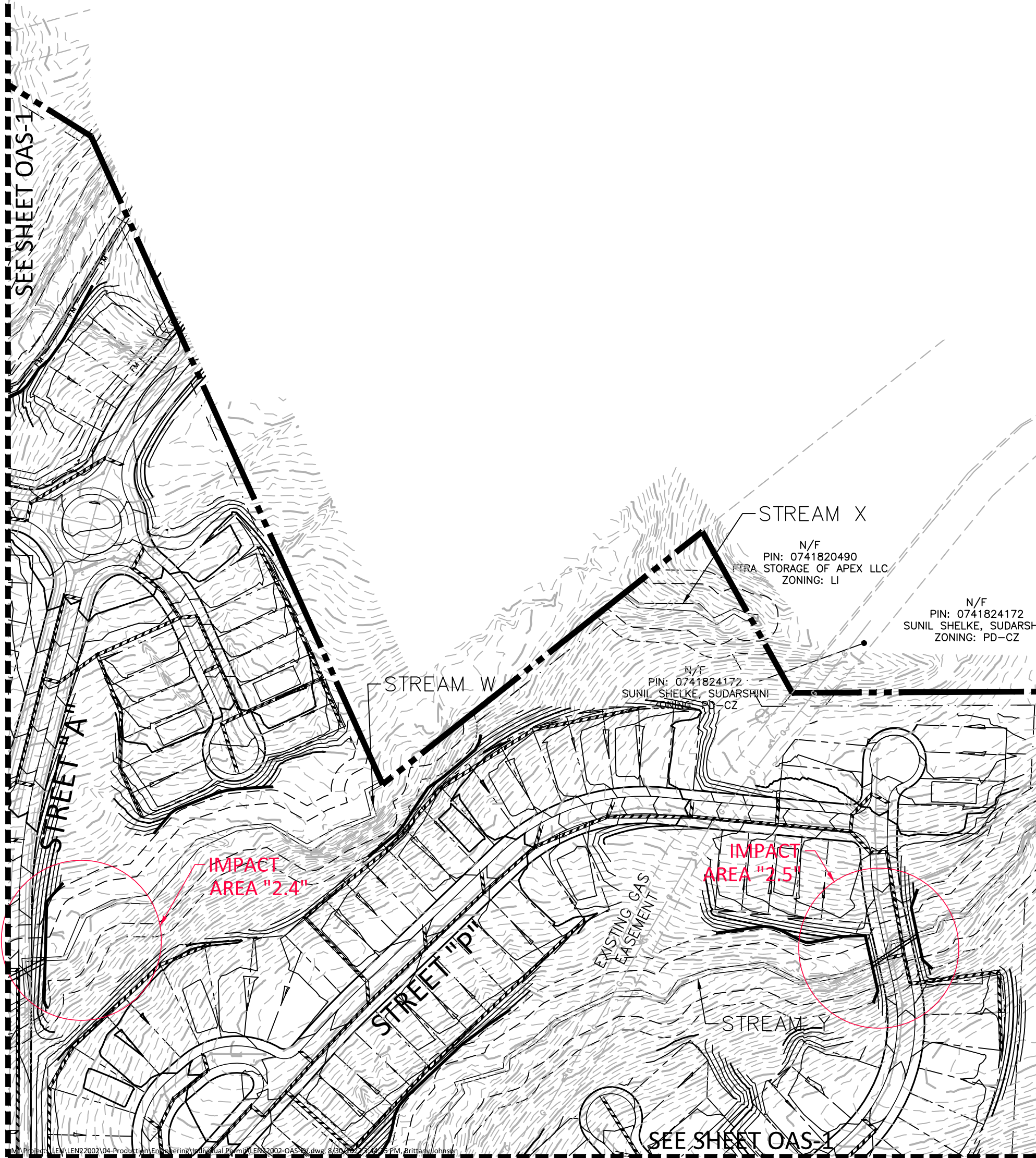
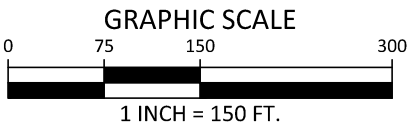
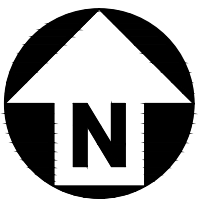
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OAS-1

VERIDEA - EAST VILLAGE

WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022



M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permits\LEN22002-OAS-2.dwg, 8/30/2022, 5:44:25 PM, Brittaney Johnson



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OAS-2

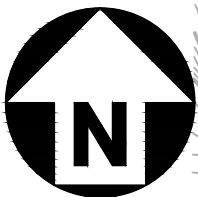
VERIDEA - EAST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022

SEE SHEET OAS-1



GRAPHIC SCALE

0 75 150 300

1 INCH = 150 FT.

IMPACT
AREA
"2.7"

N/F
PIN: 0741402319
WILDBIRD LLC
ZONING: PUD-CZ

STREAM
T

OFFSITE
CROSSING
TO BE
DONE BY
OTHERS

N/F
PIN: 0741402319
WILDBIRD LLC
ZONING: PUD-CZ

SEE SHEET OAS-6

SEE SHEET OAS-7

M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permits\LEN-22002-OAS-EV.dwg, 8/30/2022 3:44:35 PM, John Johnson



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OAS-3

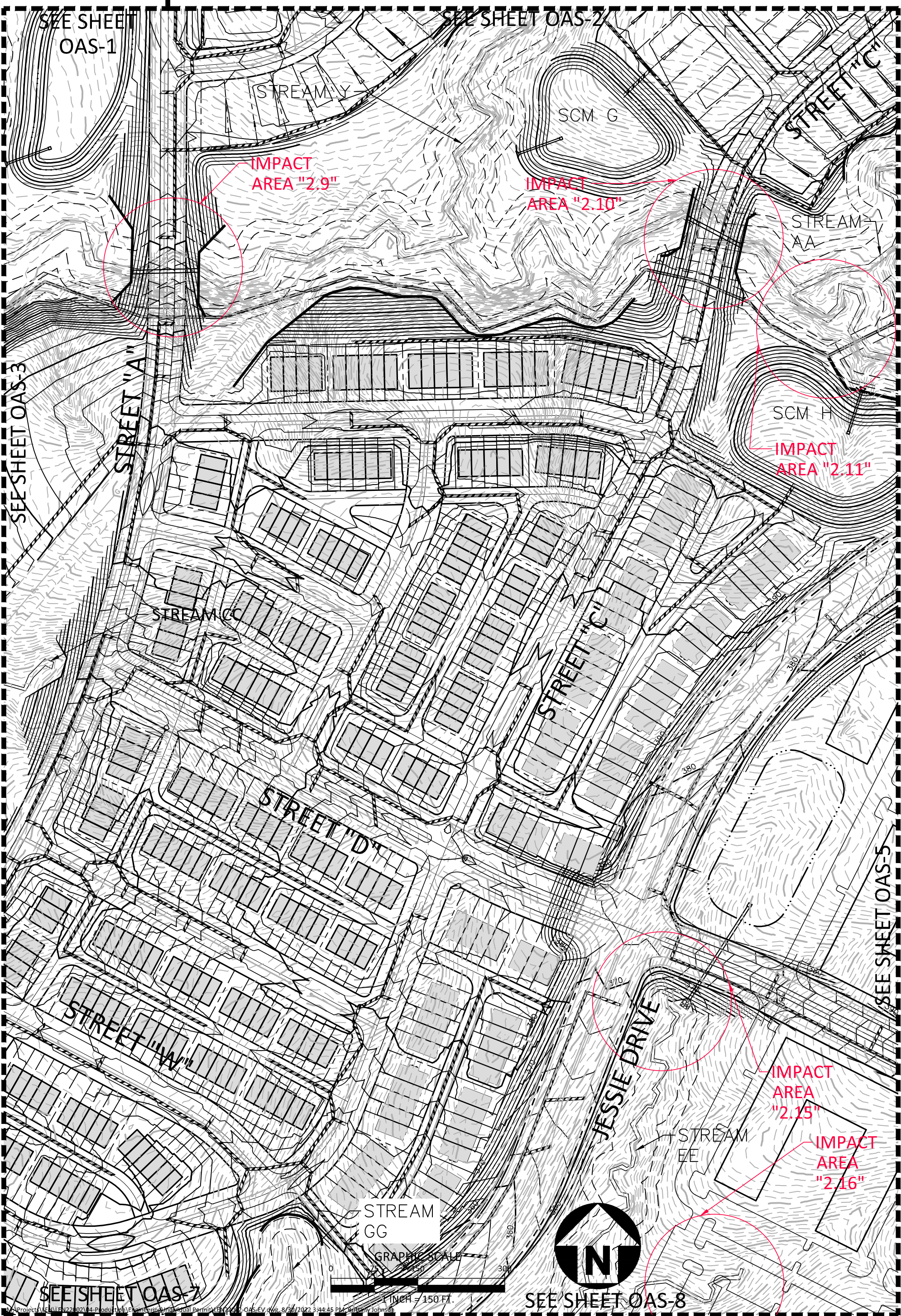
VERIDEA - EAST VILLAGE

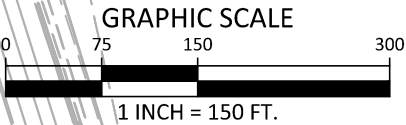
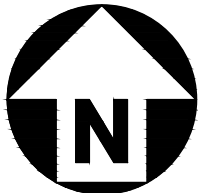
WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022





SEE SHEET
OAS-2

PIN: 0741816234
PPTAPEX LLC
ZONING: LI

N/F
PIN: 0741807913
JAMES ERVIN RIGSBEE
ZONING: LI

N/F
PIN: 0741807518
KENAN TRANSPORT CO
ZONING: LI

STREAM
Z2

STREAM
Z1

N/F
PIN: 0741900198
DAVID F RAYMER
SHARON L RAYMER
ZONING: PUD-CZ

PROPOSED
SCM

STREAM
BB

PROPOSED
BUILDING

N/F
PIN: 070990896
THOMPSONGAS-SMOKIES LLC
ZONING: PUD

N/F
PIN: 0740990651
DAVID E PAGE HEIRS
ZONING: RA

N/F
PIN: 0740992632
DEXTER RAY MONK
QUEEN L MONK
ZONING: RA

N/F
PIN: 0740990489
CROWN BUILDERS AND DEVELOPERS OF
NC LCC
ZONING: RA

N/F
PIN: 0740992164
LILLIE LYON GILBERT
ZONING: RA

SEE SHEET OAS-4

PROPOSED
BUILDINGS

MAJOR COLLECTOR

SEE SHEET OAS-8

SEE SHEET OAS-9

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OAS-5

VERIDEA - EAST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022

N/F
PIN: 0741402319
WILDBIRD LLC
ZONING: PUD-CZ

SEE SHEET OAS-3

WETLAND T

STREAM M

STREAM N2

WETLAND U

PROPOSED
SCM

WETLAND V

PROPOSED
WEST VILLAGE

EXISTING GAS EASEMENT

JESSIE DRIVE

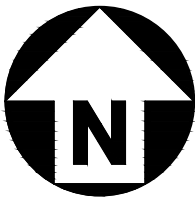
WETLAND W

PROPOSED SCM

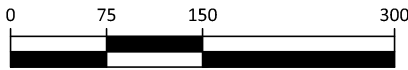
STREAM EE

IMPACT
AREA "2.21"

N/F
PIN: 0740570471
EMC CORPORATION
ZONING: LI/SD-CZ



GRAPHIC SCALE



1 INCH = 150 FT.

SEE SHEET OAS-7

M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permits\LEN22002-OAS-EV.dwg, 8/30/2022 3:45:05 PM, Brittany Johnson



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OAS-6

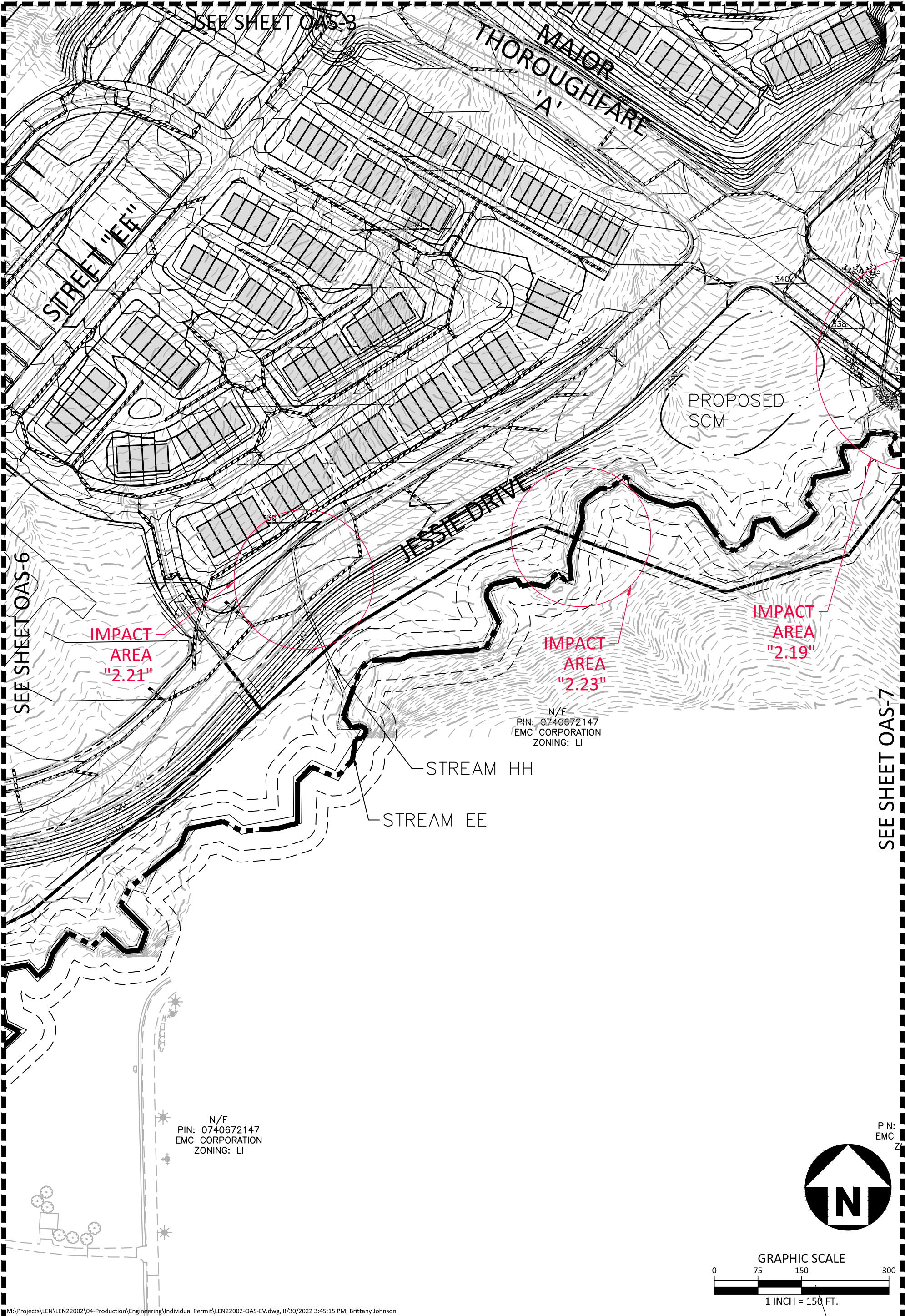
VERIDEA - EAST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022



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OAS-7

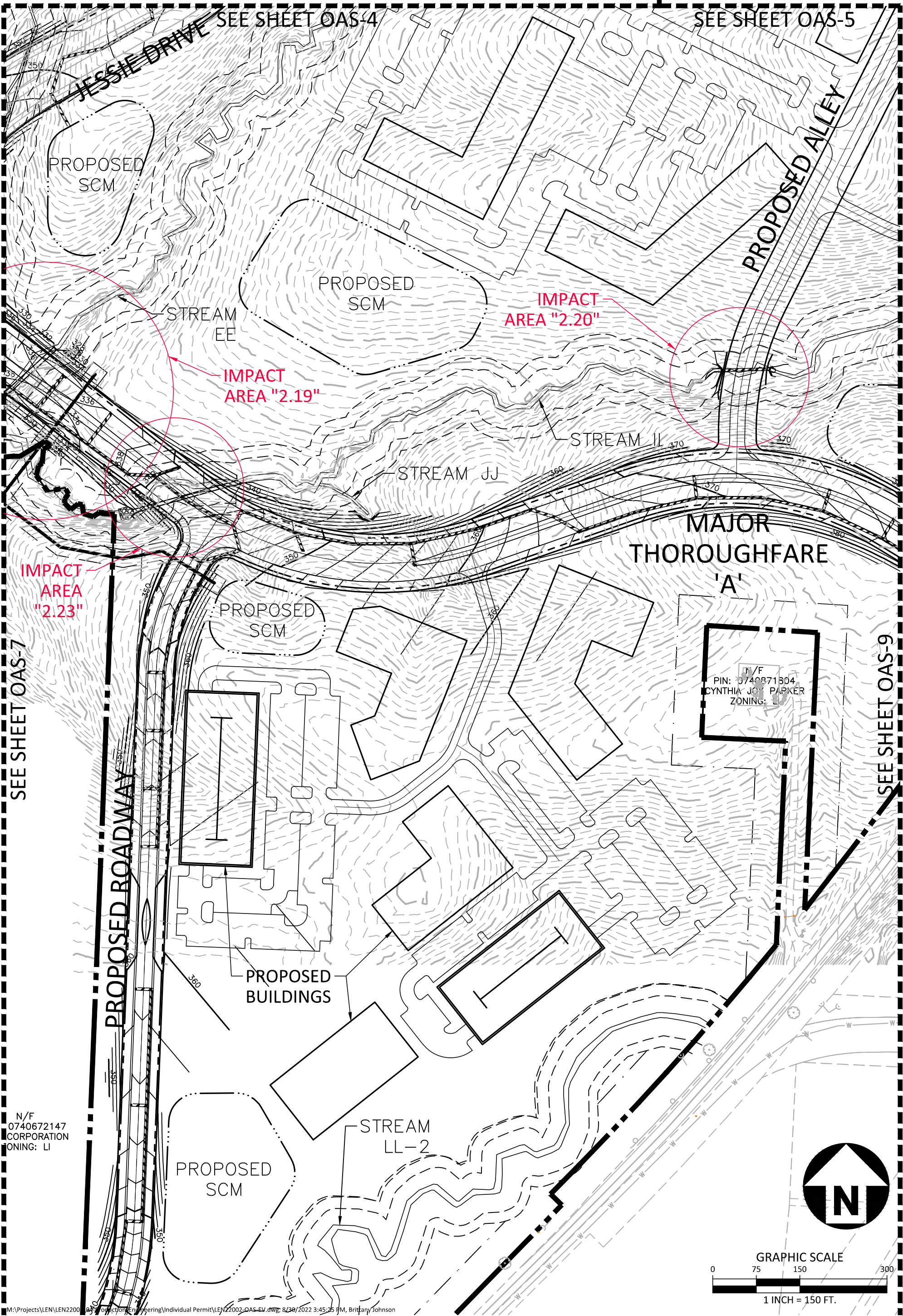
VERIDEA - EAST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
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CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022



SEE SHEET OAS-7

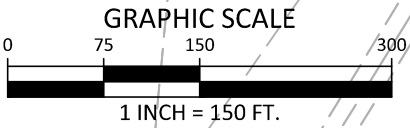
SEE SHEET OAS-4

SEE SHEET OAS-5

SEE SHEET OAS-9

N/F
0740672147
CORPORATION
ZONING: LI

N/F
PIN: 0740871304
CYNTHIA JOY PARKER
ZONING: LI



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OAS-8

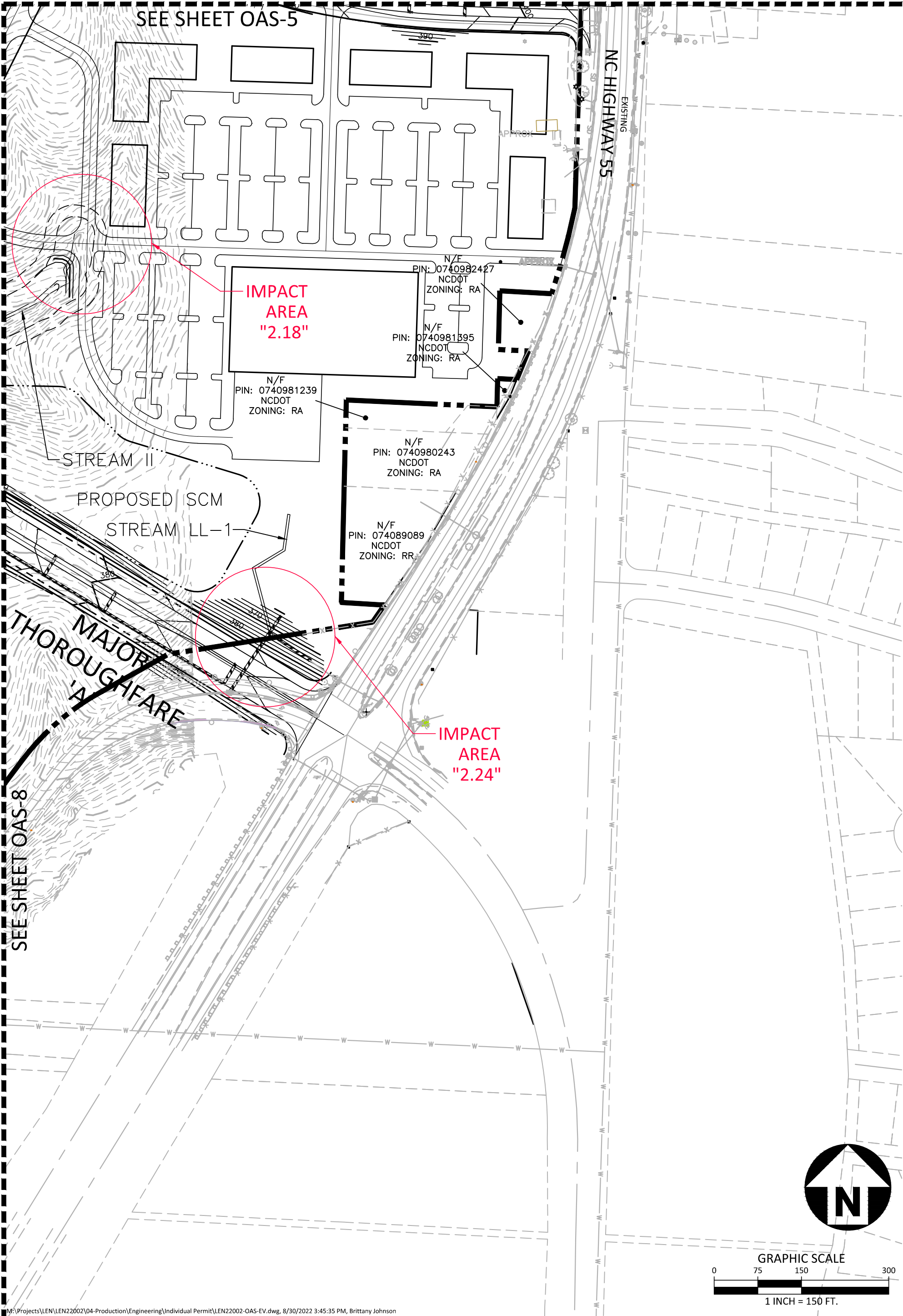
VERIDEA - EAST VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
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OAS-9

VERIDEA - EAST VILLAGE

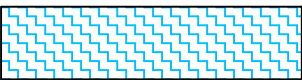
WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022

LEGEND



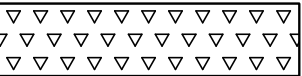
ZONE 1 APEX BUFFER
IMPACT



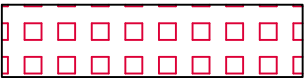
PERMANENT STREAM
IMPACT



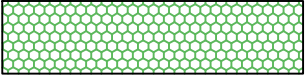
EXISTING WETLAND



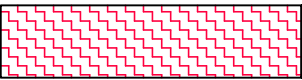
TEMPORARY STREAM
IMPACT



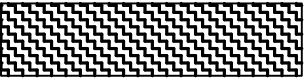
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



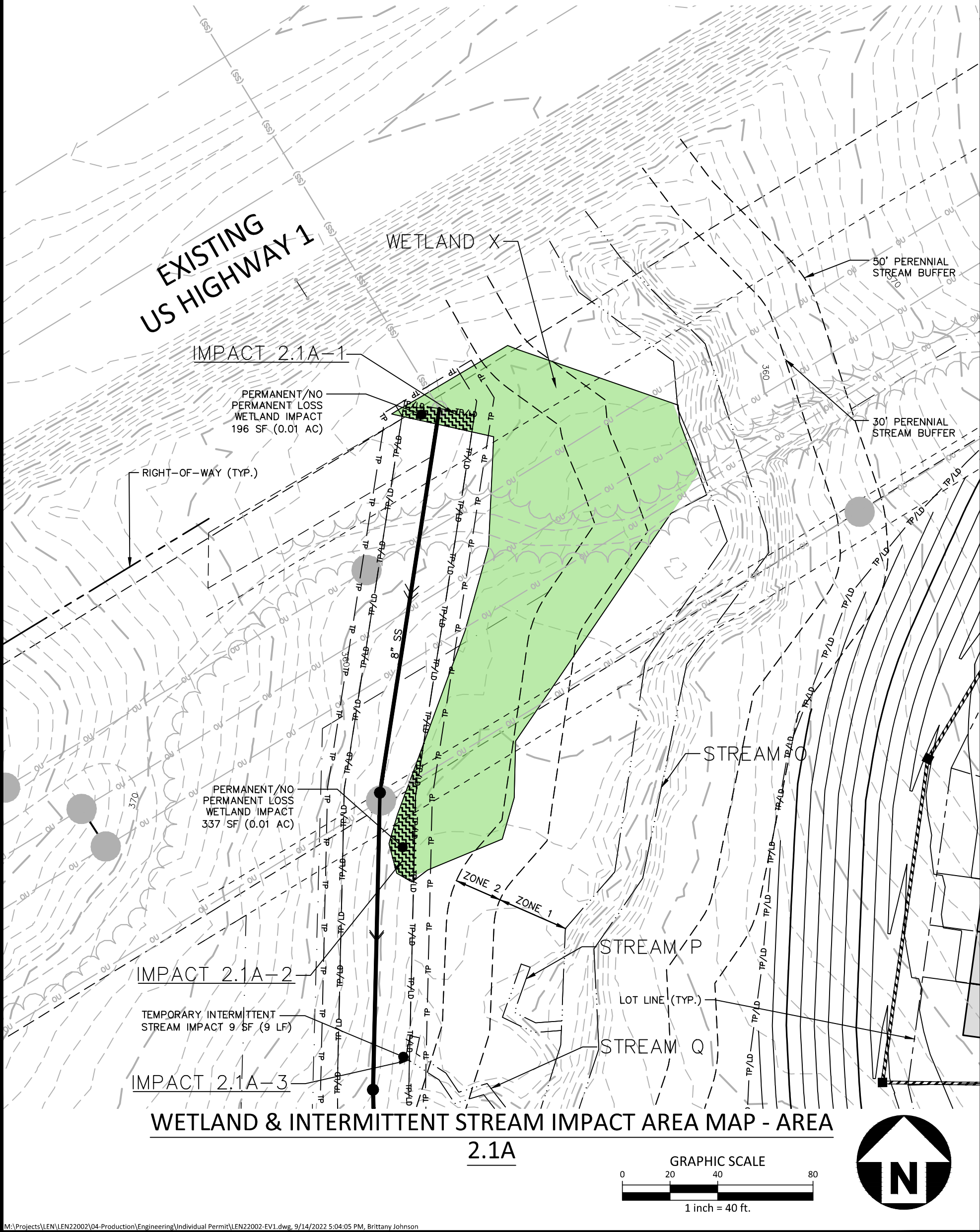
PERMANENT WETLAND IMPACT



ZONE 2 APEX BUFFER
IMPACT



PERMANENT/NO PERMANENT
LOSS WETLAND IMPACT



WETLAND & INTERMITTENT STREAM IMPACT AREA MAP - AREA
2.1A

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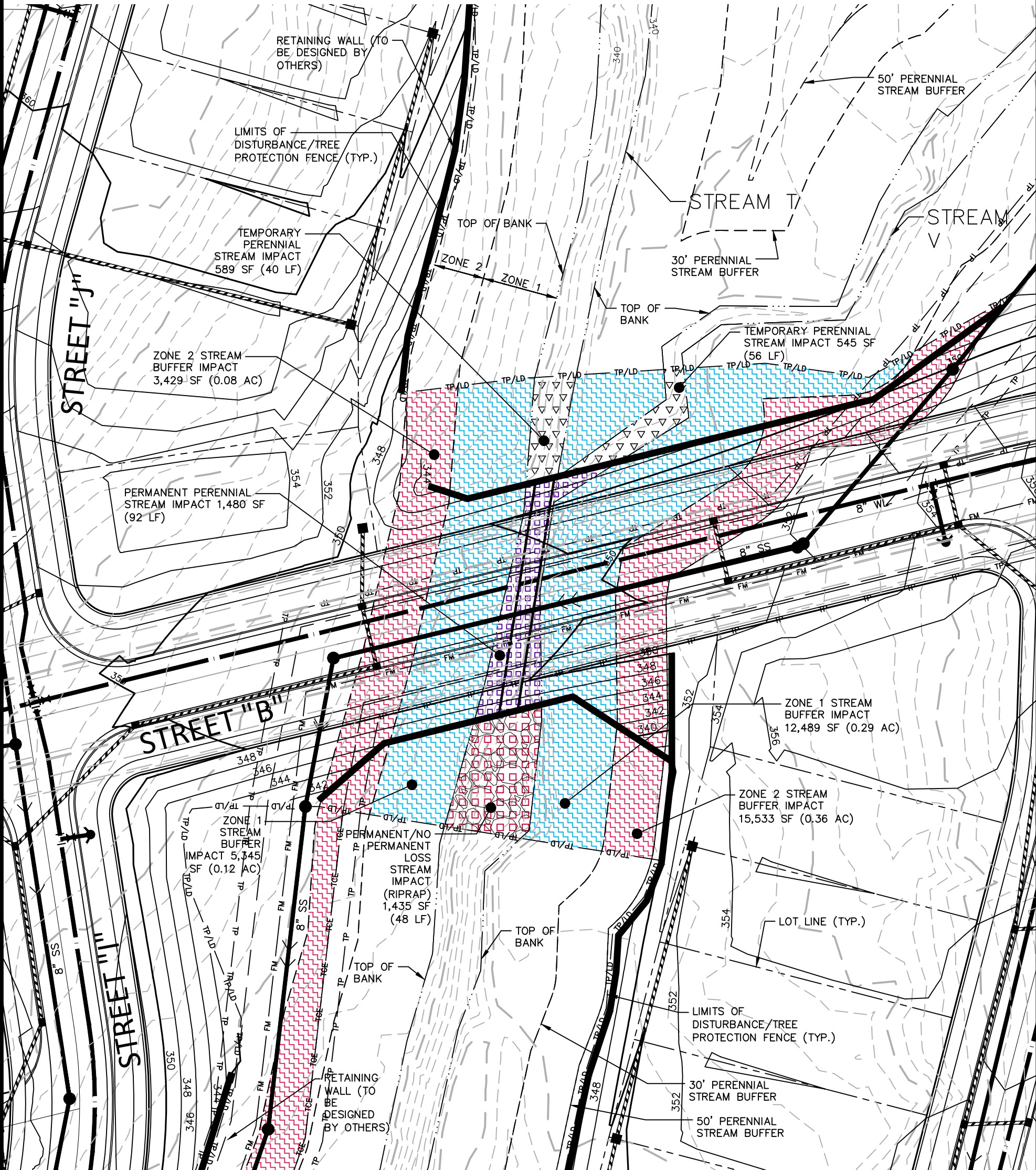
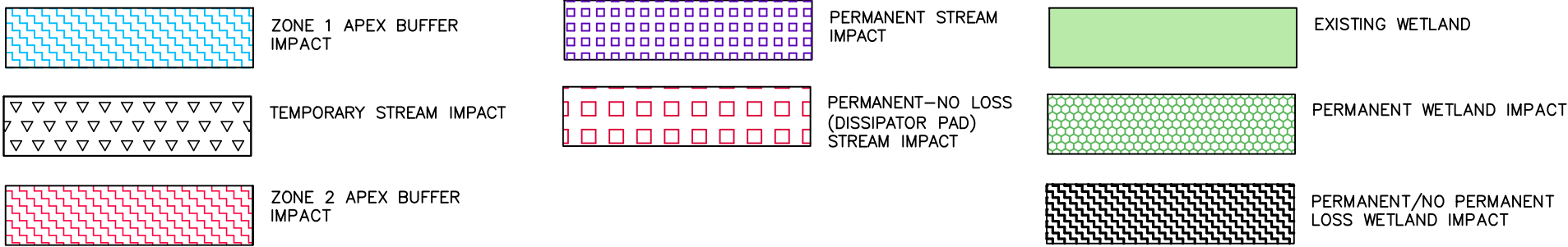
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

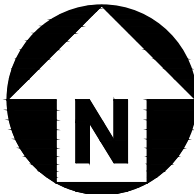
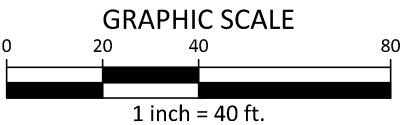
PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.1B



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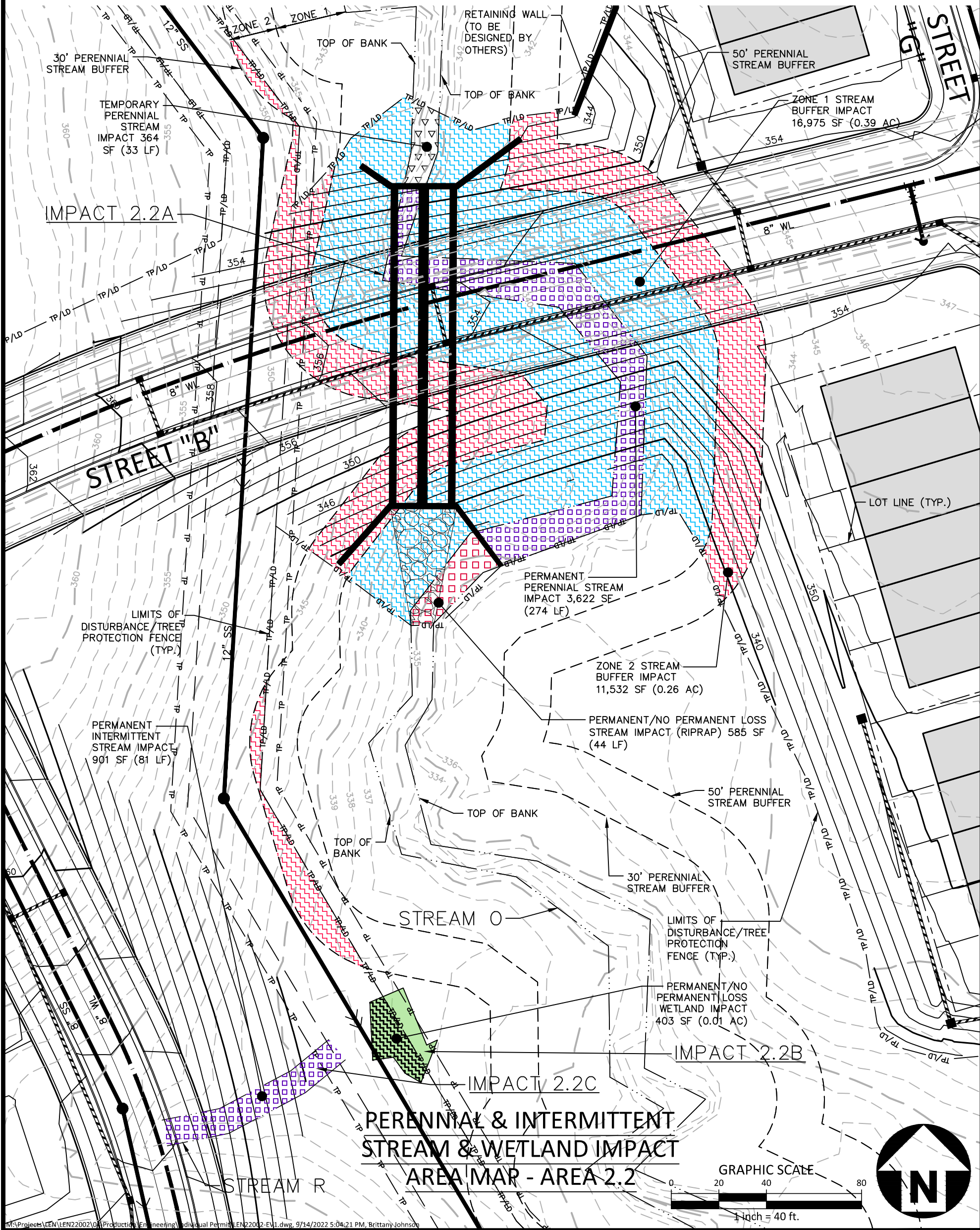
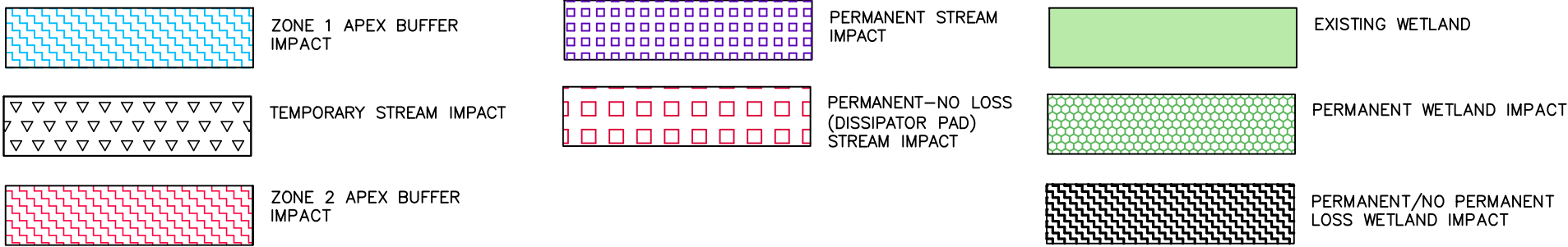
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



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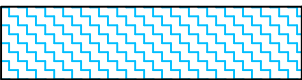
VERIDEA

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



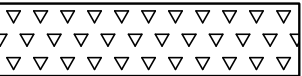
ZONE 1 APEX BUFFER
IMPACT



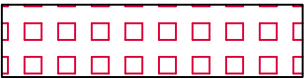
PERMANENT STREAM
IMPACT



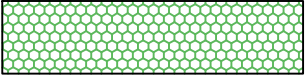
EXISTING WETLAND



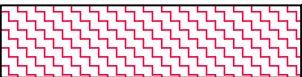
TEMPORARY STREAM IMPACT



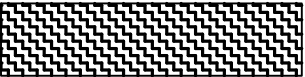
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



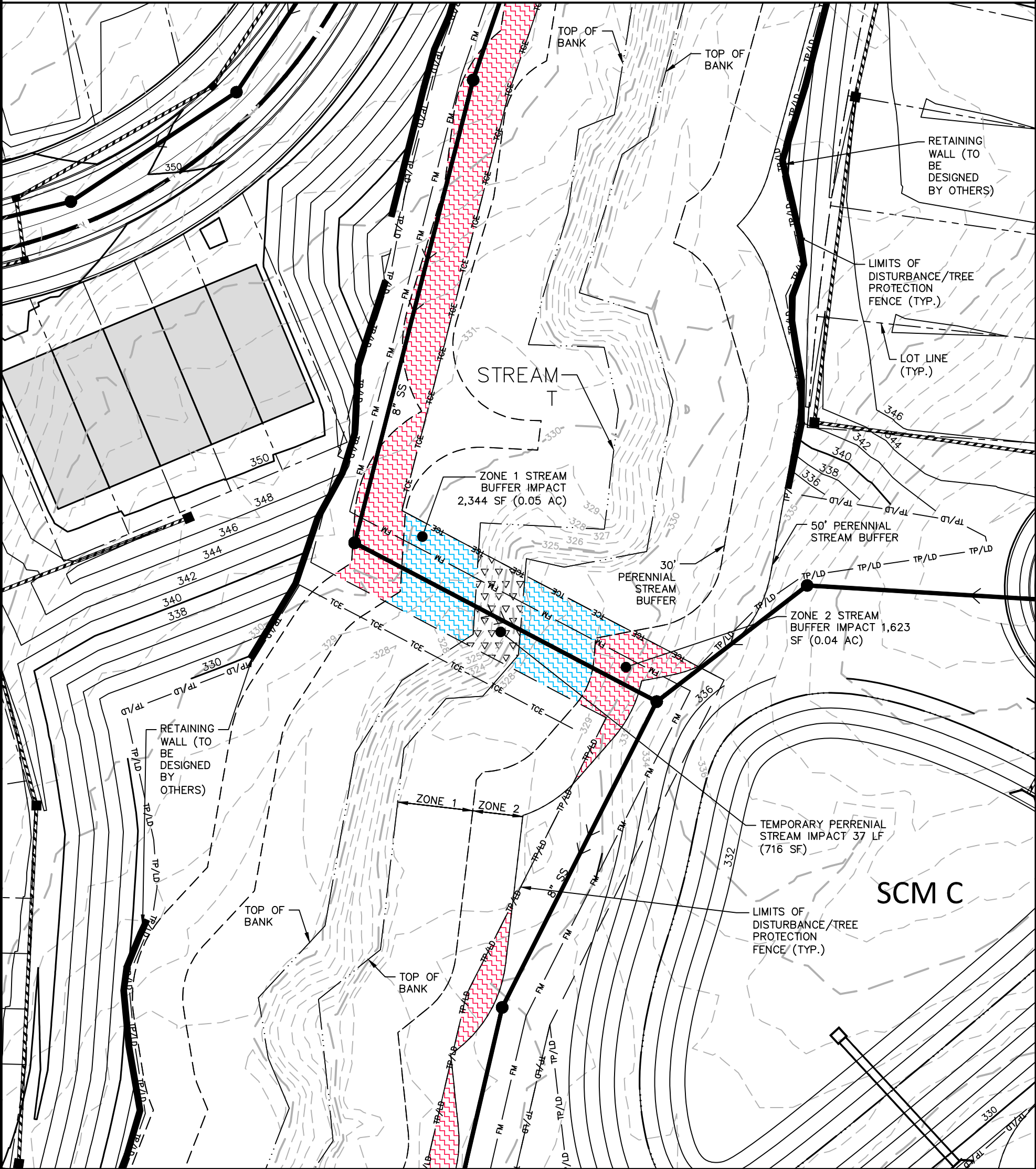
PERMANENT WETLAND IMPACT



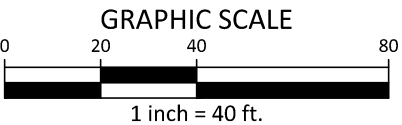
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.3



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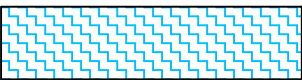
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



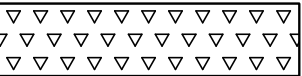
ZONE 1 APEX BUFFER
IMPACT



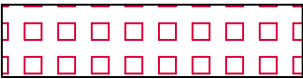
PERMANENT STREAM
IMPACT



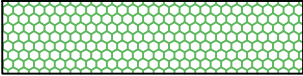
EXISTING WETLAND



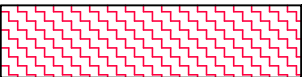
TEMPORARY STREAM IMPACT



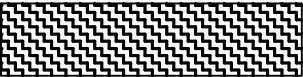
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



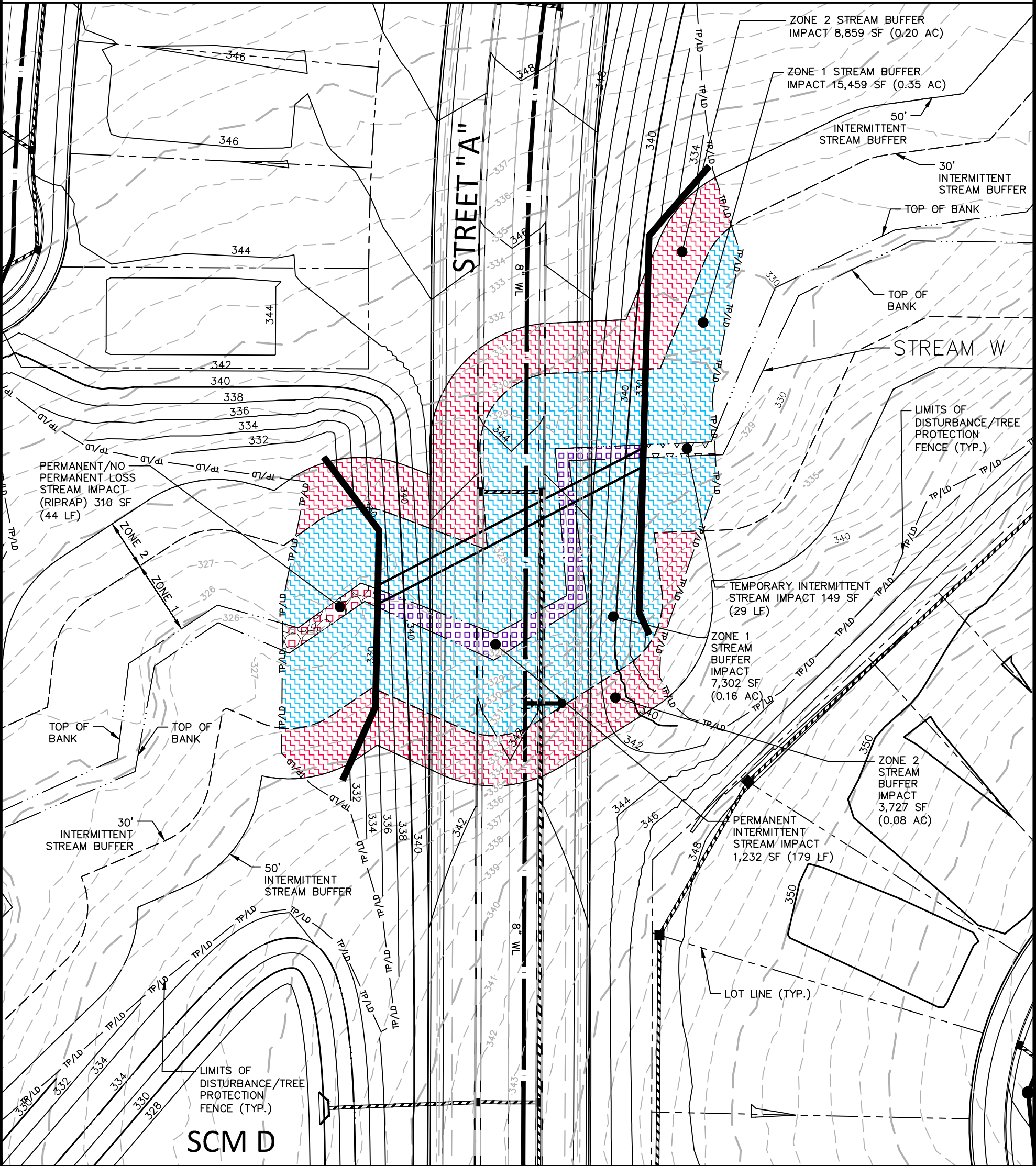
PERMANENT WETLAND IMPACT



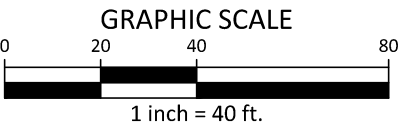
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.4



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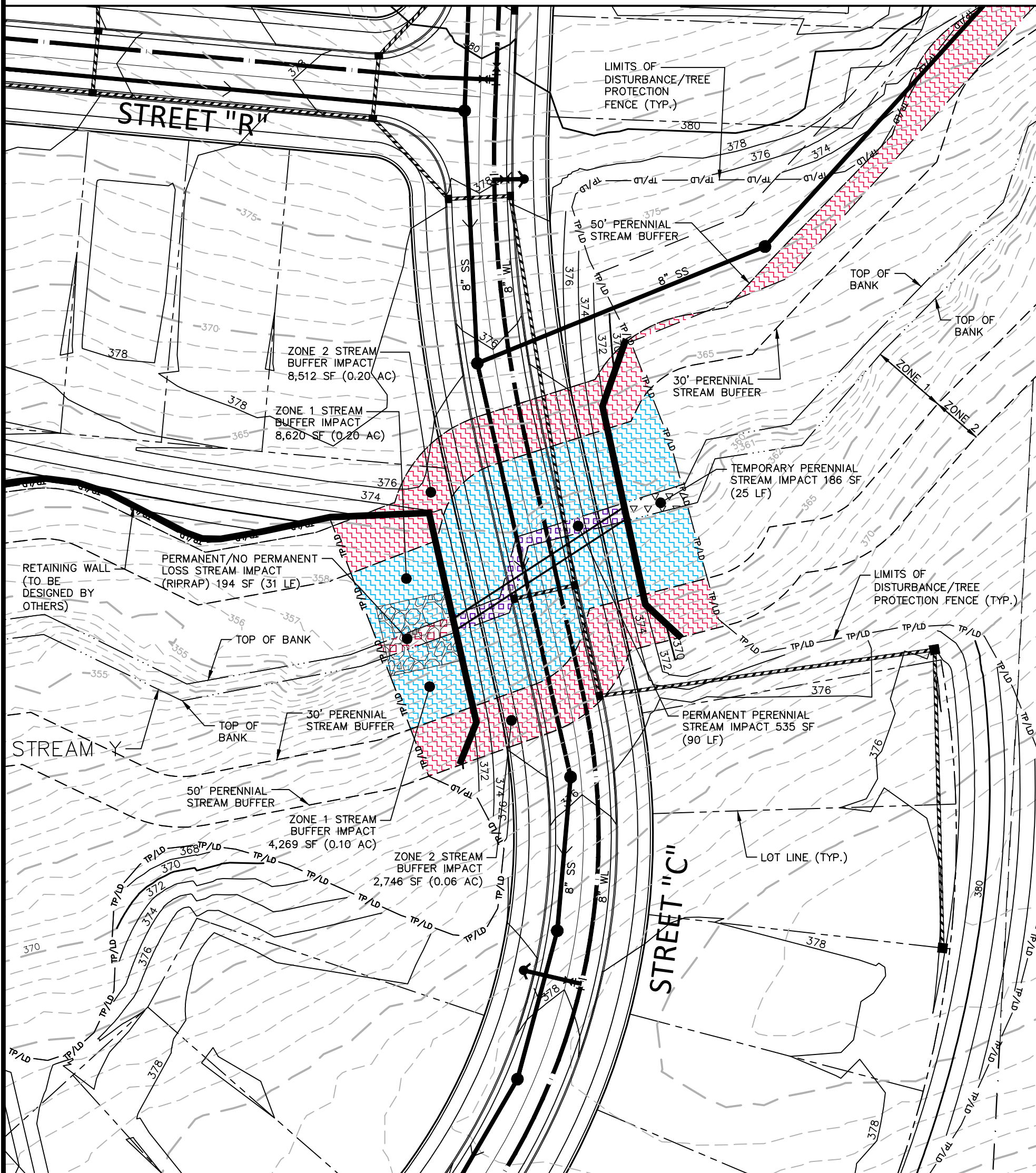
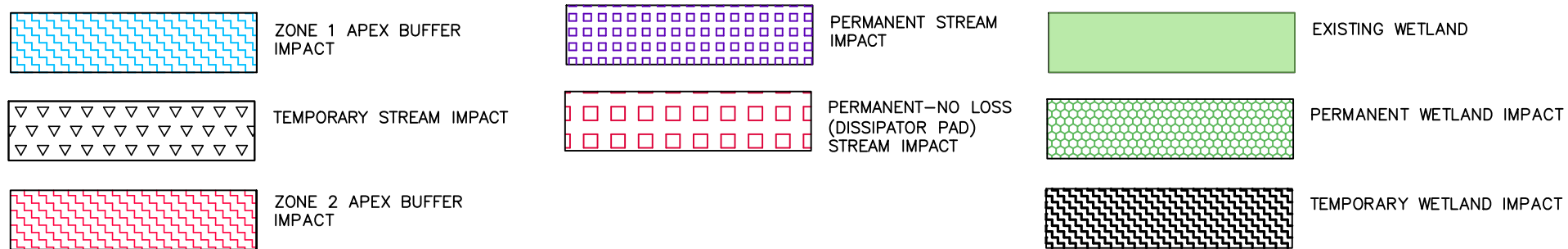
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license number: C-0293, C-187

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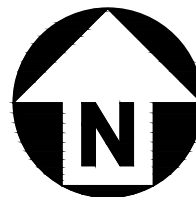
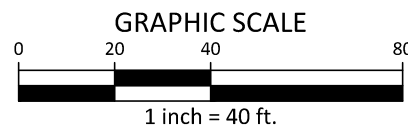
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
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DATE	06. 21. 2022

LEGEND



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.5



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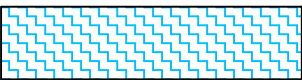
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



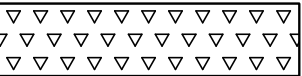
ZONE 1 APEX BUFFER
IMPACT



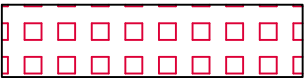
PERMANENT STREAM
IMPACT



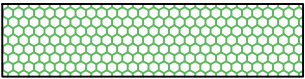
EXISTING WETLAND



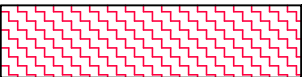
TEMPORARY STREAM IMPACT



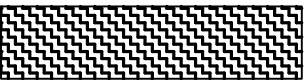
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



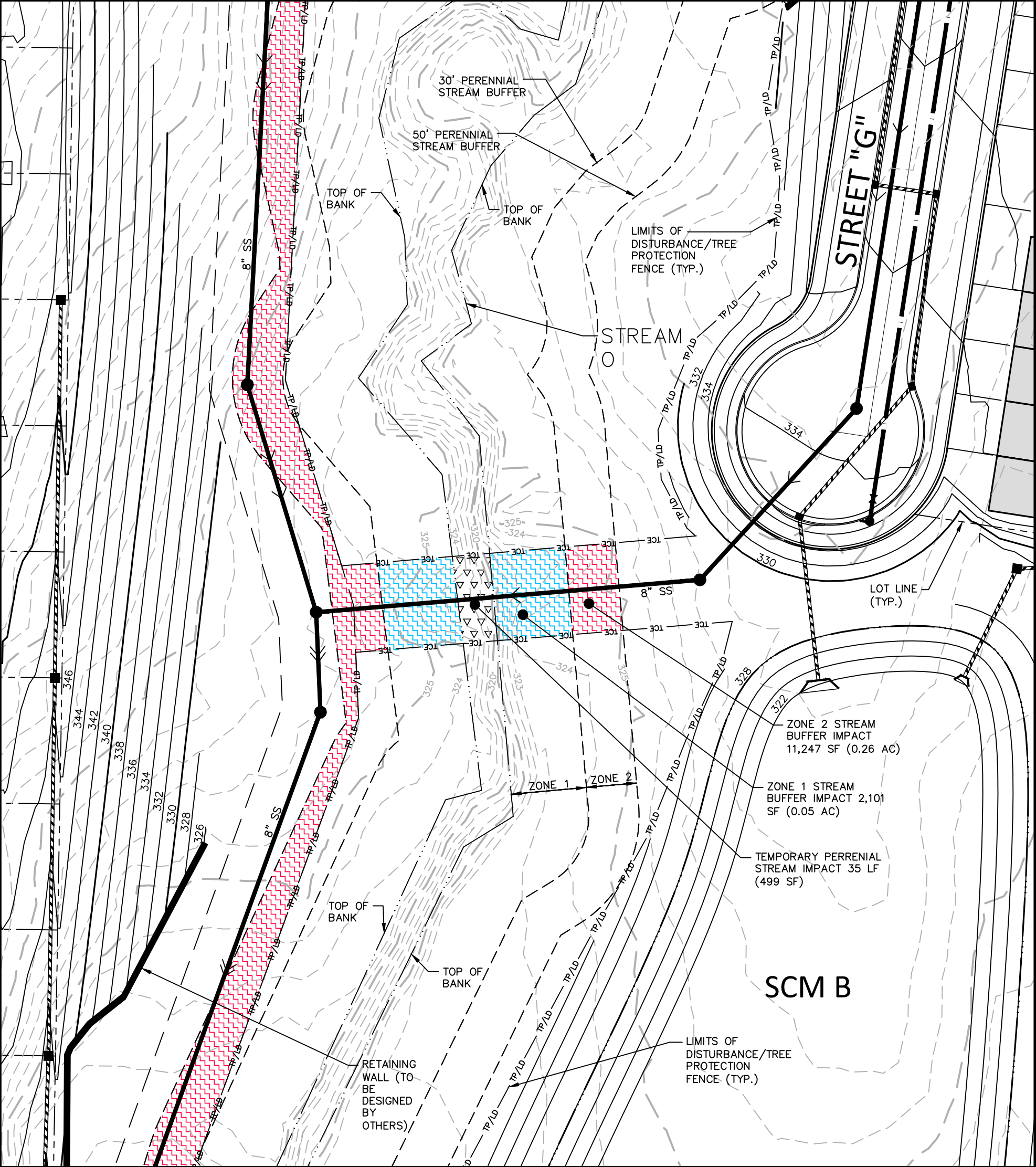
PERMANENT WETLAND IMPACT



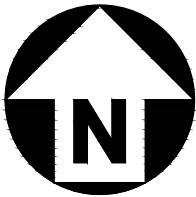
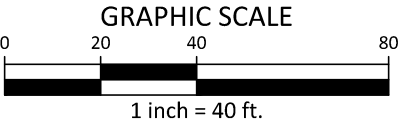
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.6



M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permit\LEN22002-EV1.dwg, 8/30/2022 3:48:07 PM, Brittany Johnson



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Durham, NC 27713

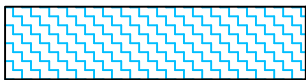
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



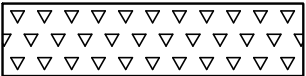
ZONE 1 APEX BUFFER
IMPACT



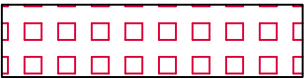
PERMANENT STREAM
IMPACT



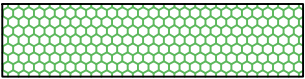
EXISTING WETLAND



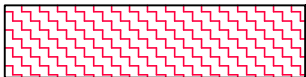
TEMPORARY STREAM IMPACT



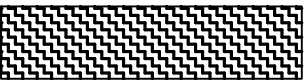
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



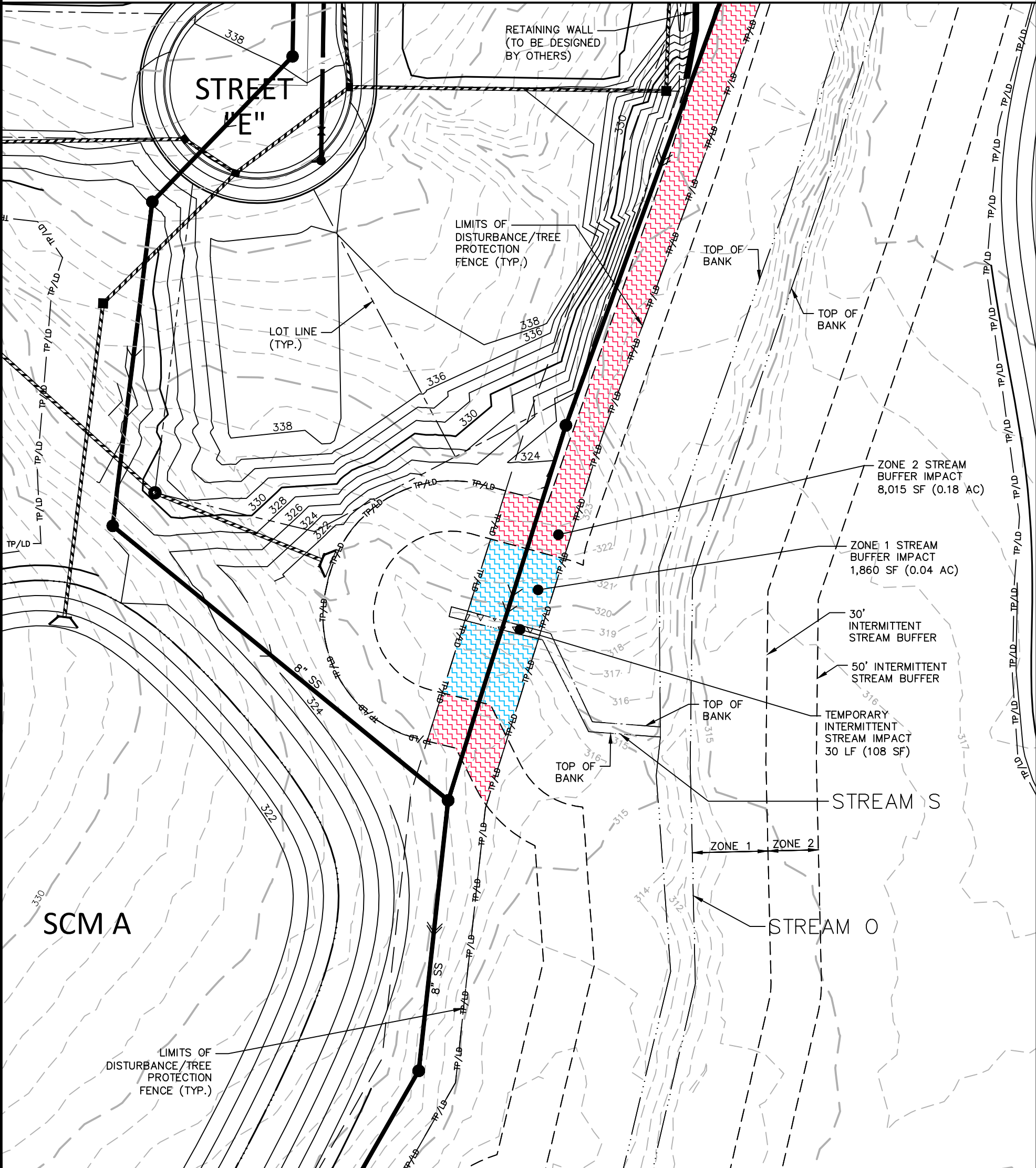
PERMANENT WETLAND IMPACT



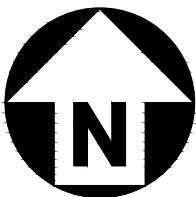
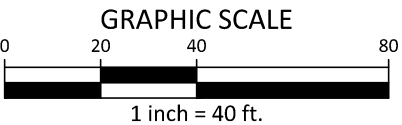
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.7



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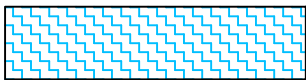
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



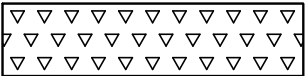
ZONE 1 APEX BUFFER
IMPACT



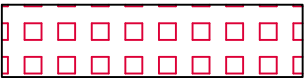
PERMANENT STREAM
IMPACT



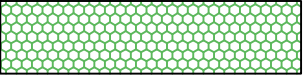
EXISTING WETLAND



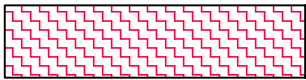
TEMPORARY STREAM IMPACT



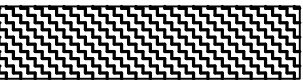
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



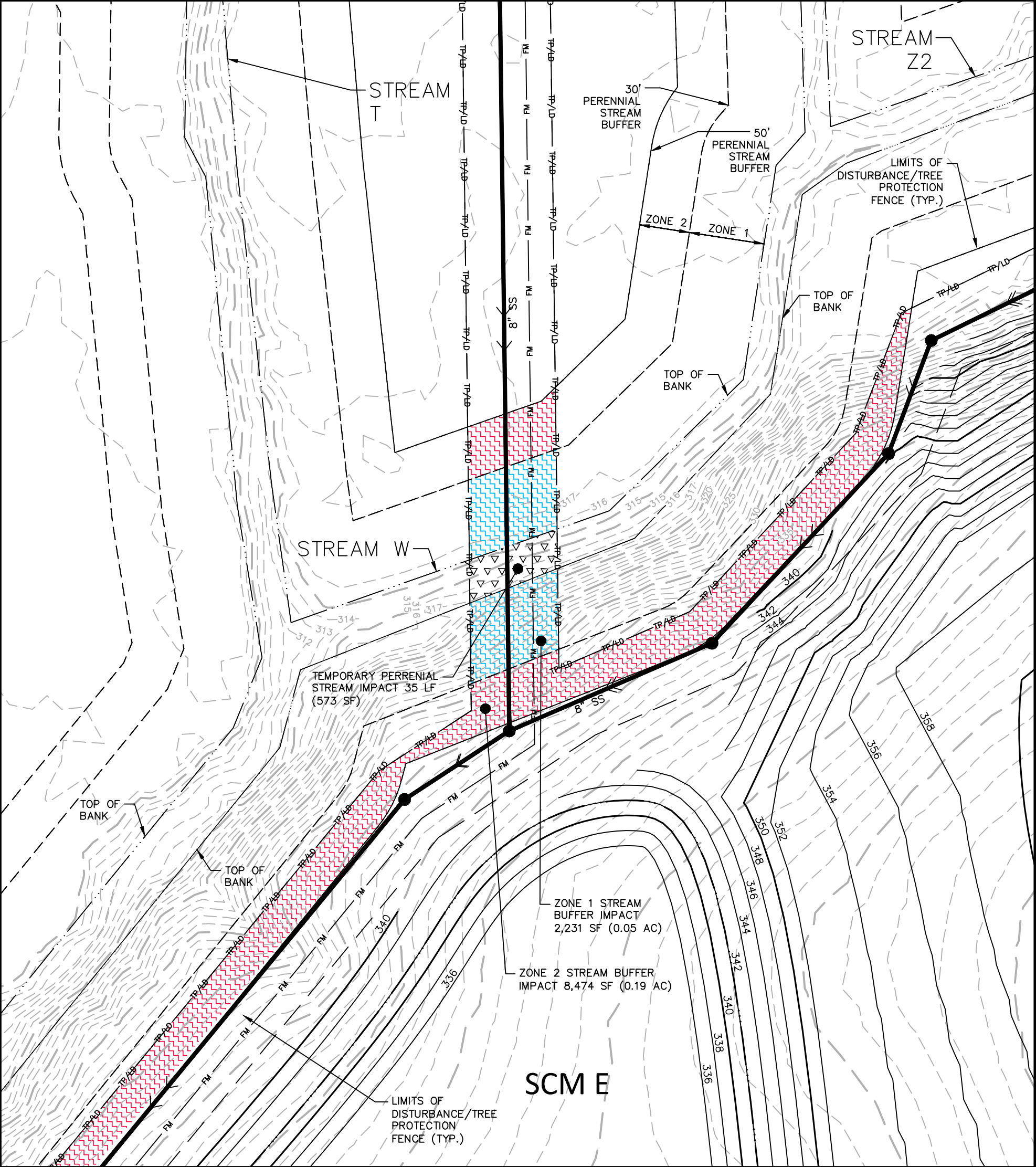
PERMANENT WETLAND IMPACT



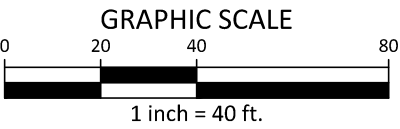
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.8



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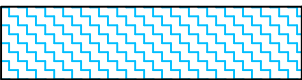
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



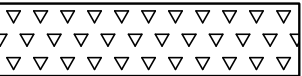
ZONE 1 APEX BUFFER
IMPACT



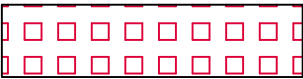
PERMANENT STREAM
IMPACT



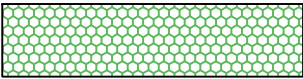
EXISTING WETLAND



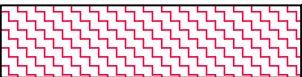
TEMPORARY STREAM IMPACT



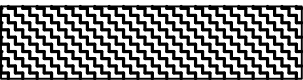
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



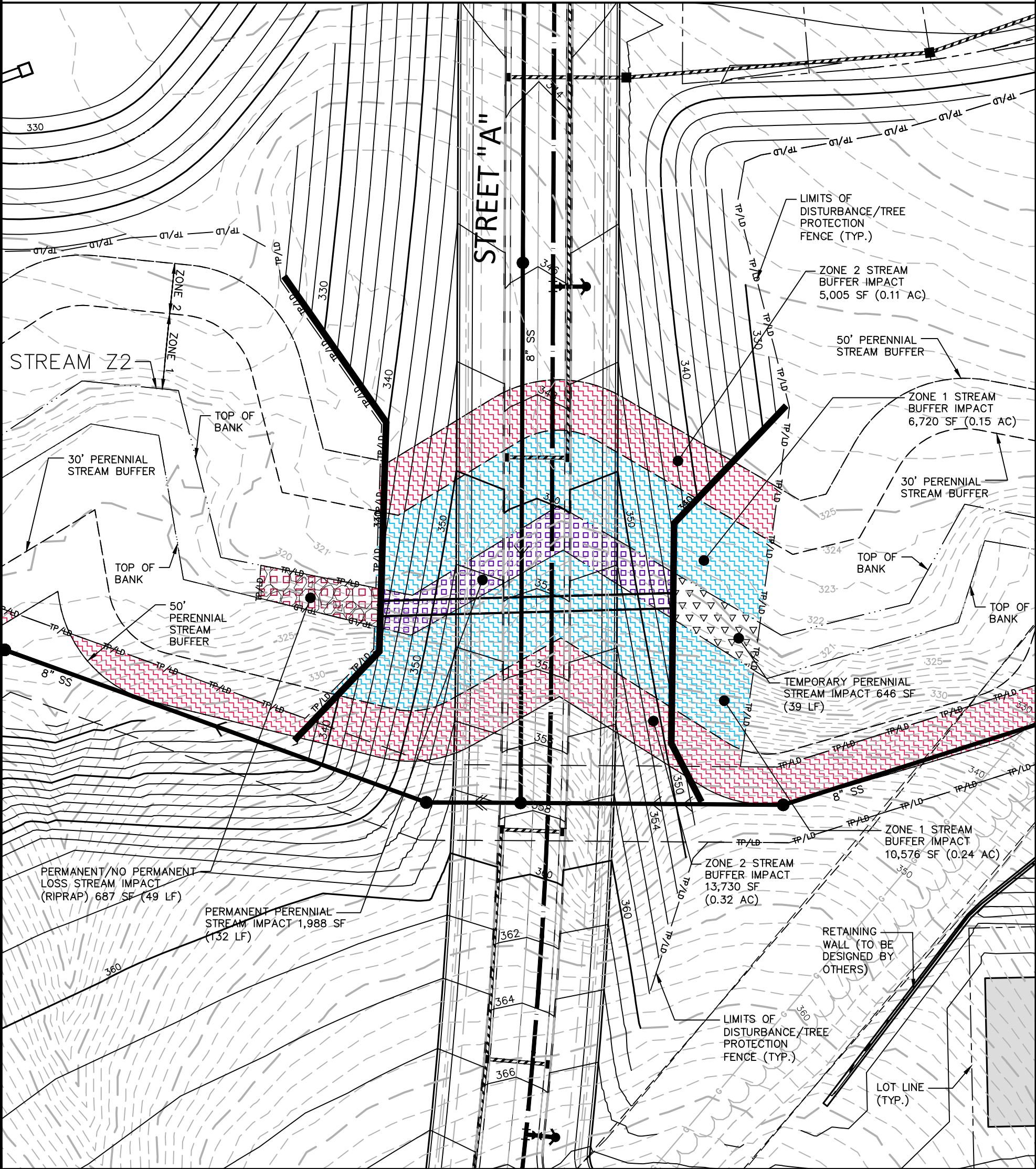
PERMANENT WETLAND IMPACT



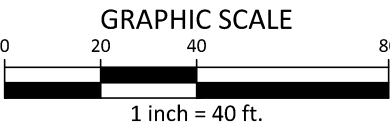
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.9



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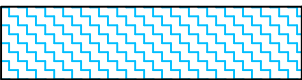
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



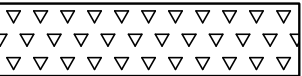
ZONE 1 APEX BUFFER
IMPACT



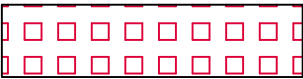
PERMANENT STREAM
IMPACT



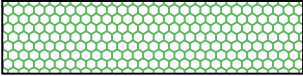
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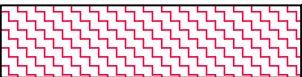
TEMPORARY STREAM IMPACT



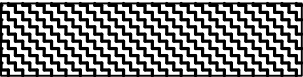
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



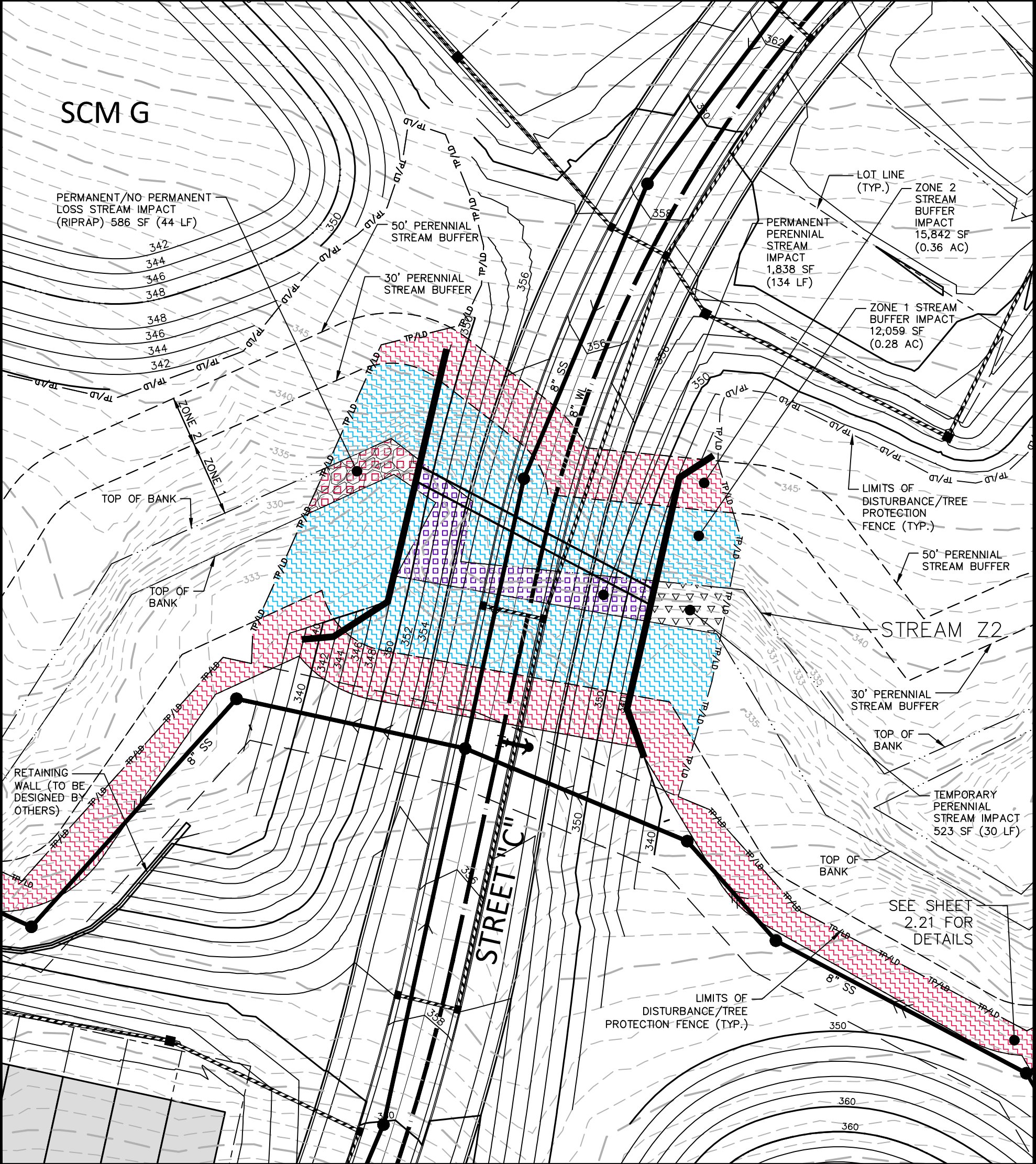
PERMANENT WETLAND IMPACT



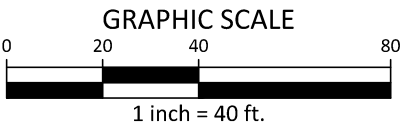
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.10



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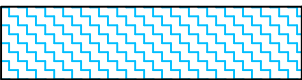
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



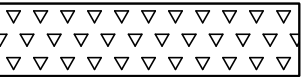
ZONE 1 APEX BUFFER
IMPACT



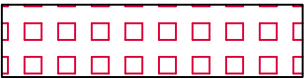
PERMANENT STREAM
IMPACT



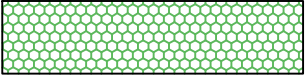
EXISTING WETLAND



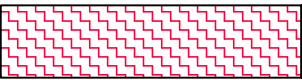
TEMPORARY STREAM IMPACT



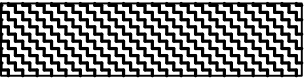
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



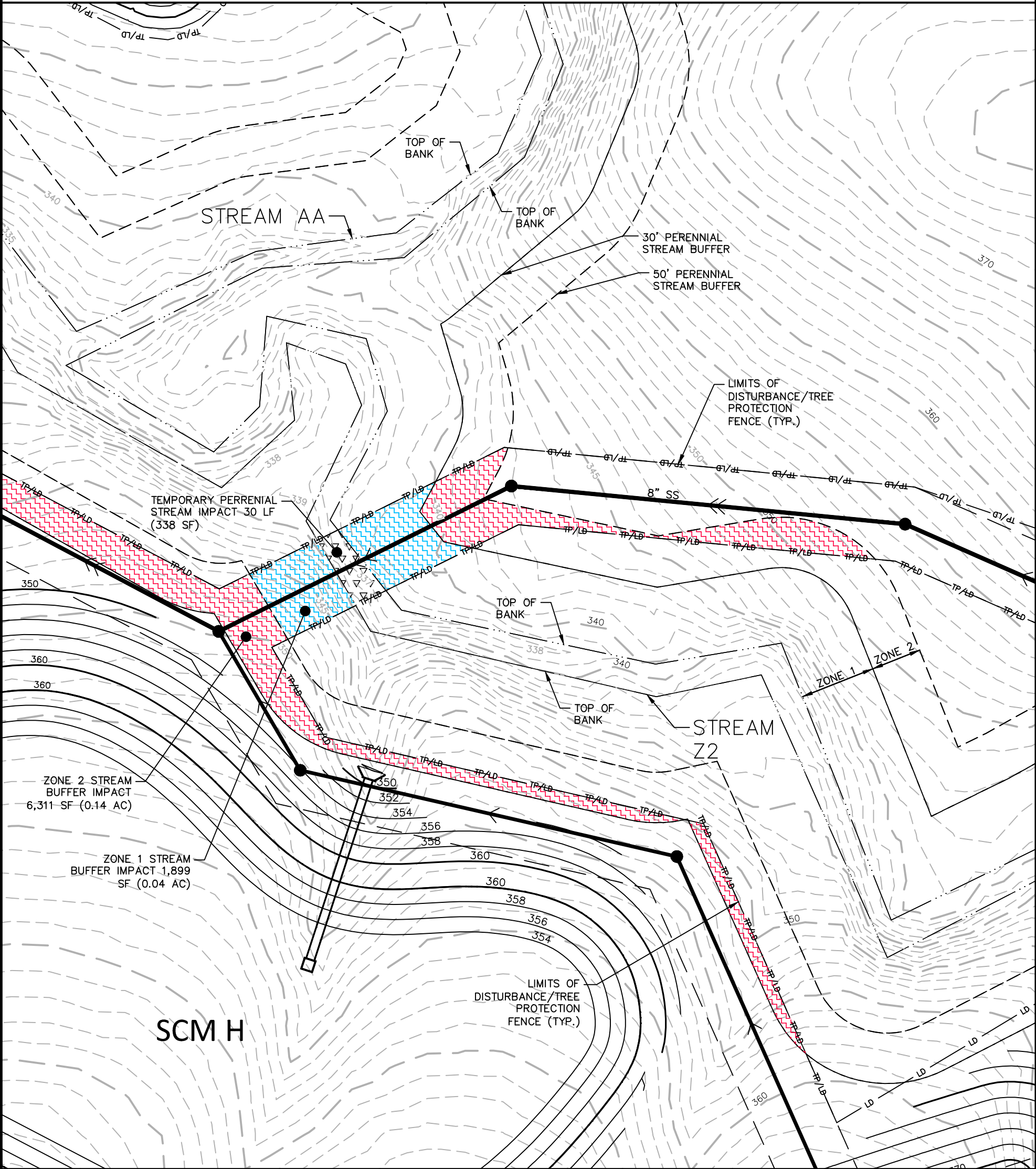
PERMANENT WETLAND IMPACT



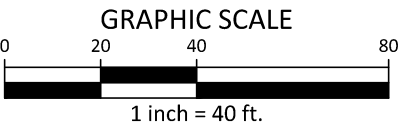
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.11



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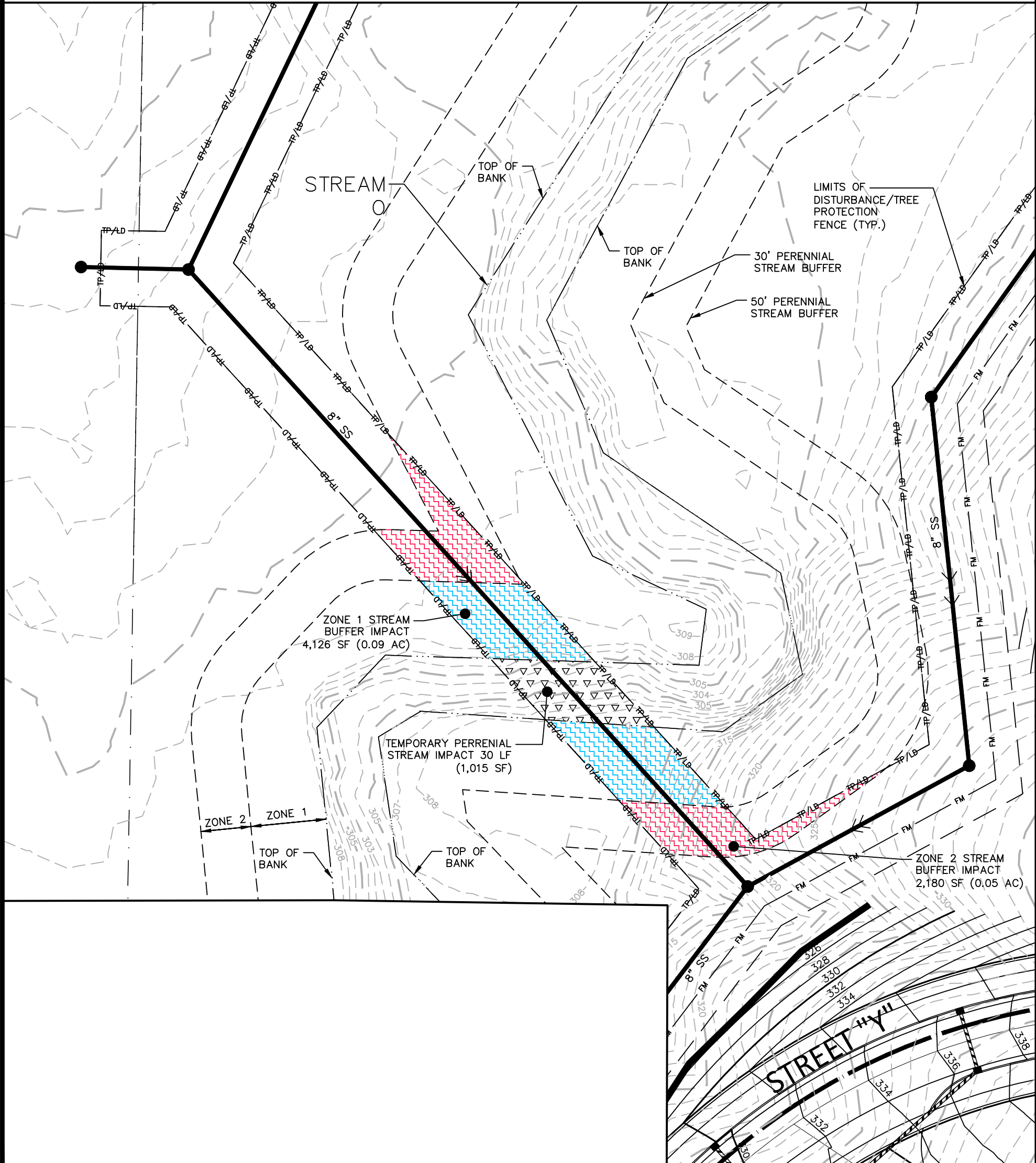
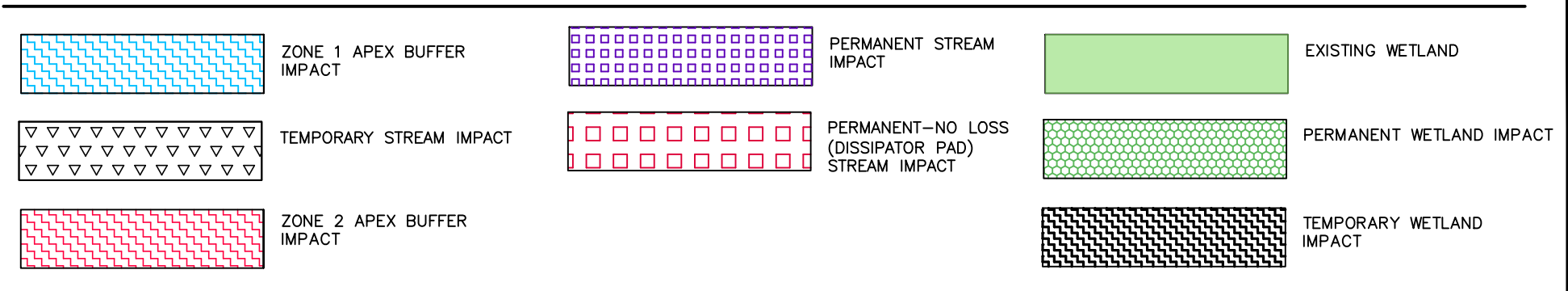
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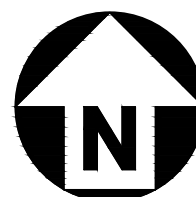
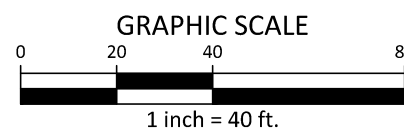
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



PERENNIAL STREAM IMPACT AREA MAP - AREA 2.12



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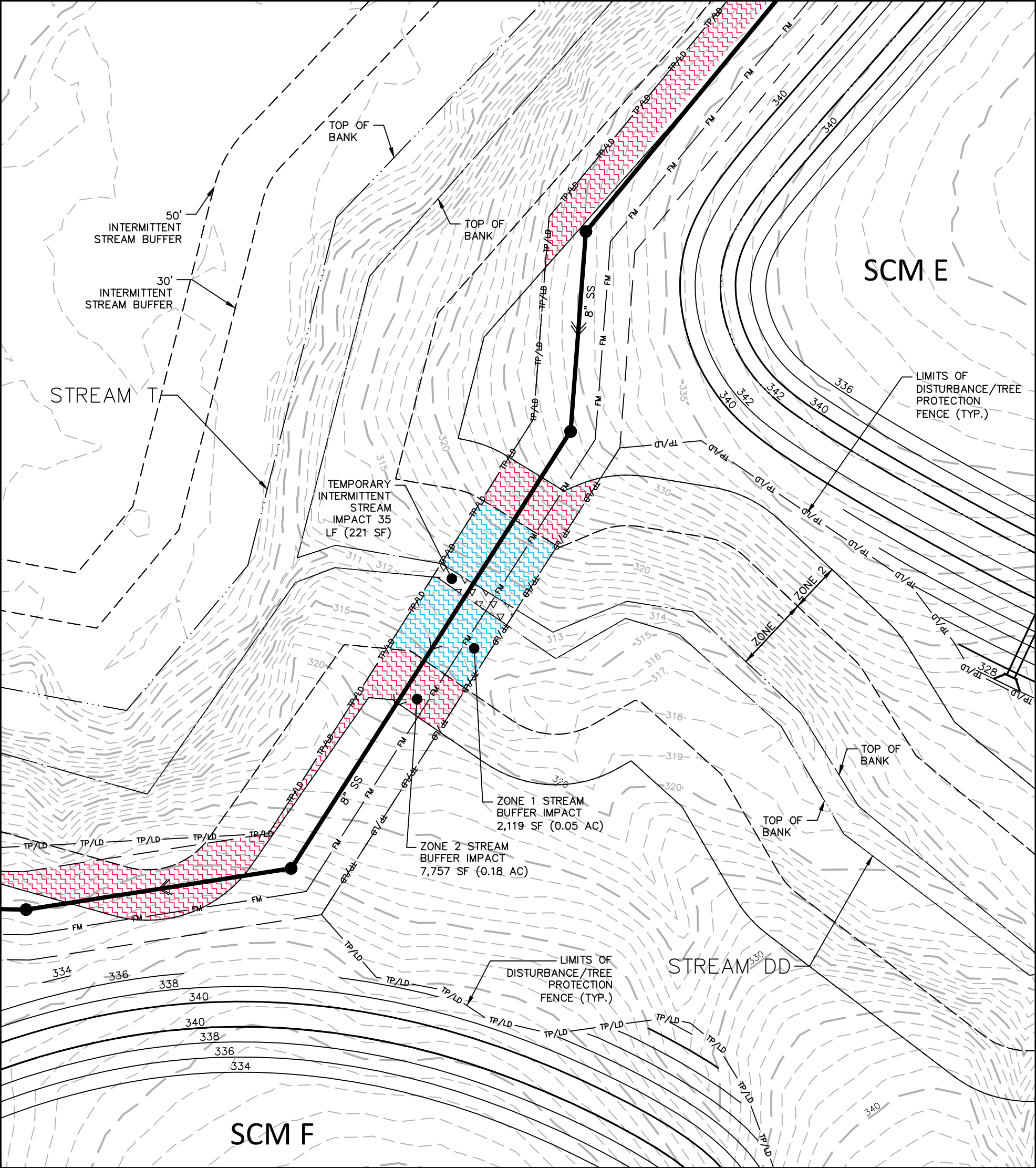
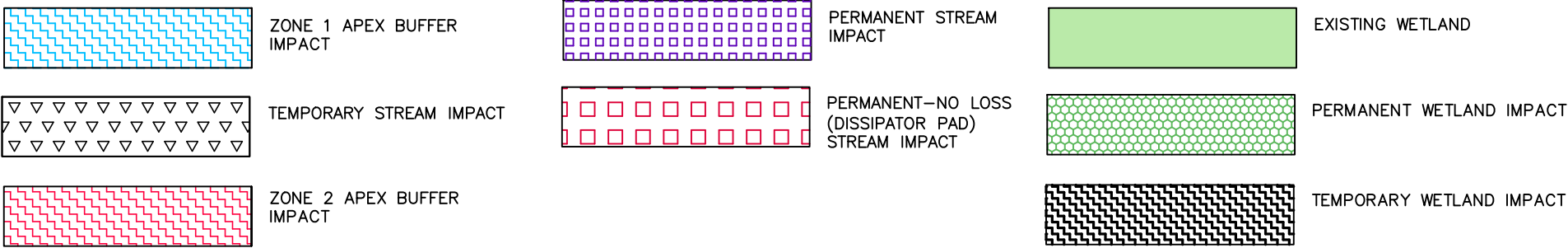
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

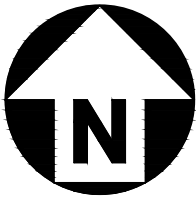
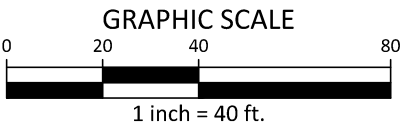
PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.13



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Durham, NC 27713

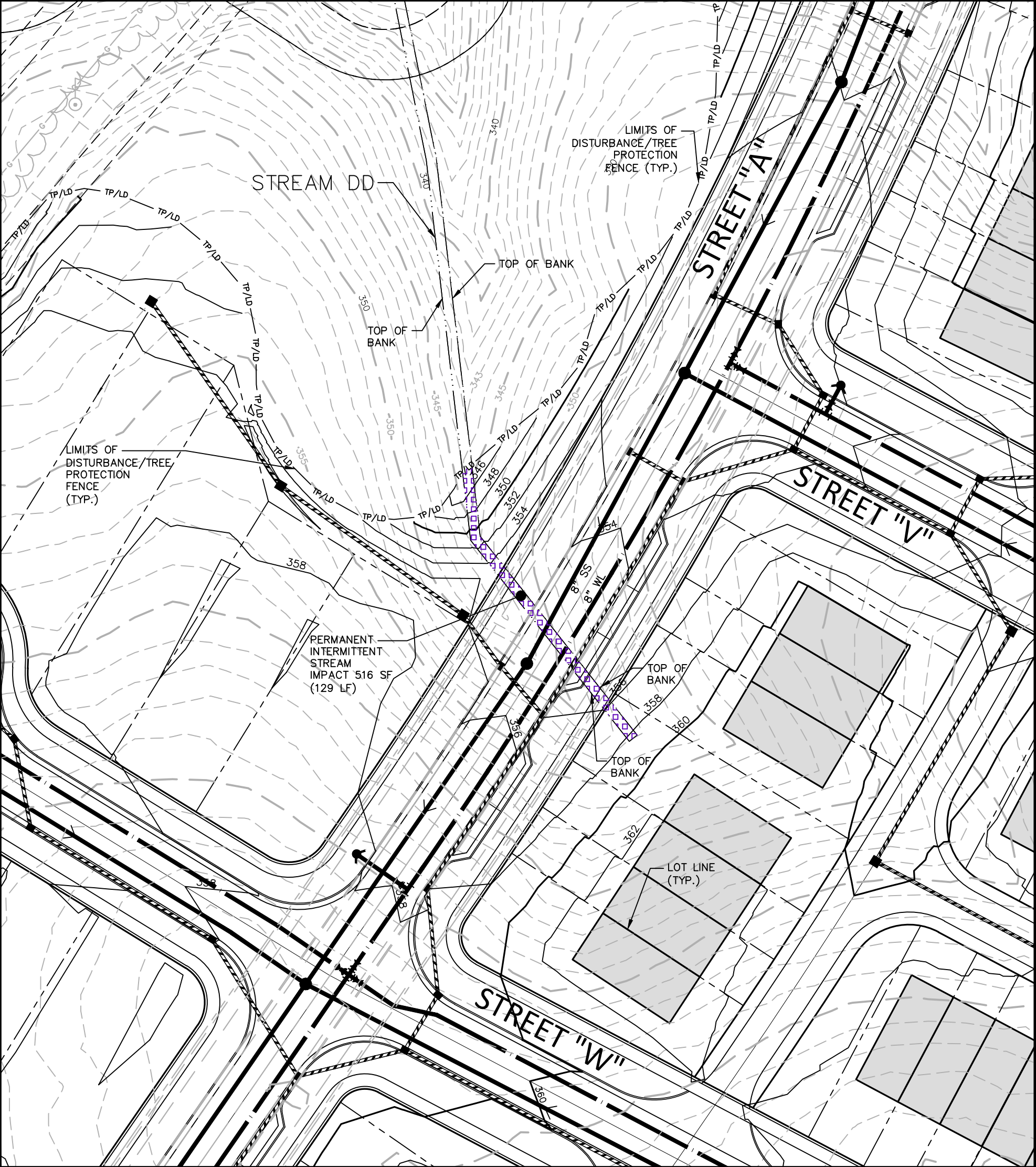
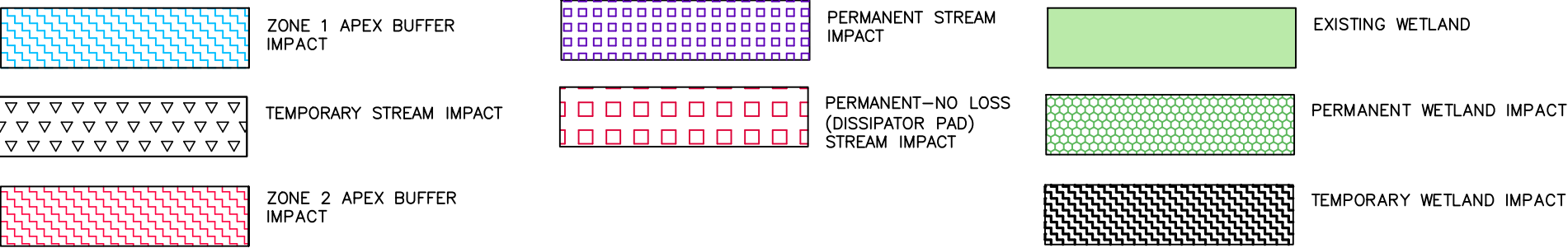
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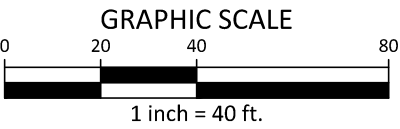
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.14



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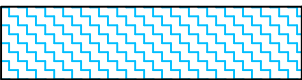
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



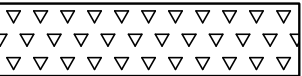
ZONE 1 APEX BUFFER
IMPACT



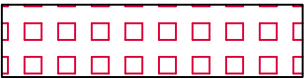
PERMANENT STREAM
IMPACT



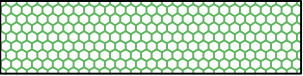
EXISTING WETLAND



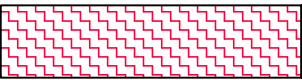
TEMPORARY STREAM IMPACT



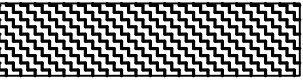
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



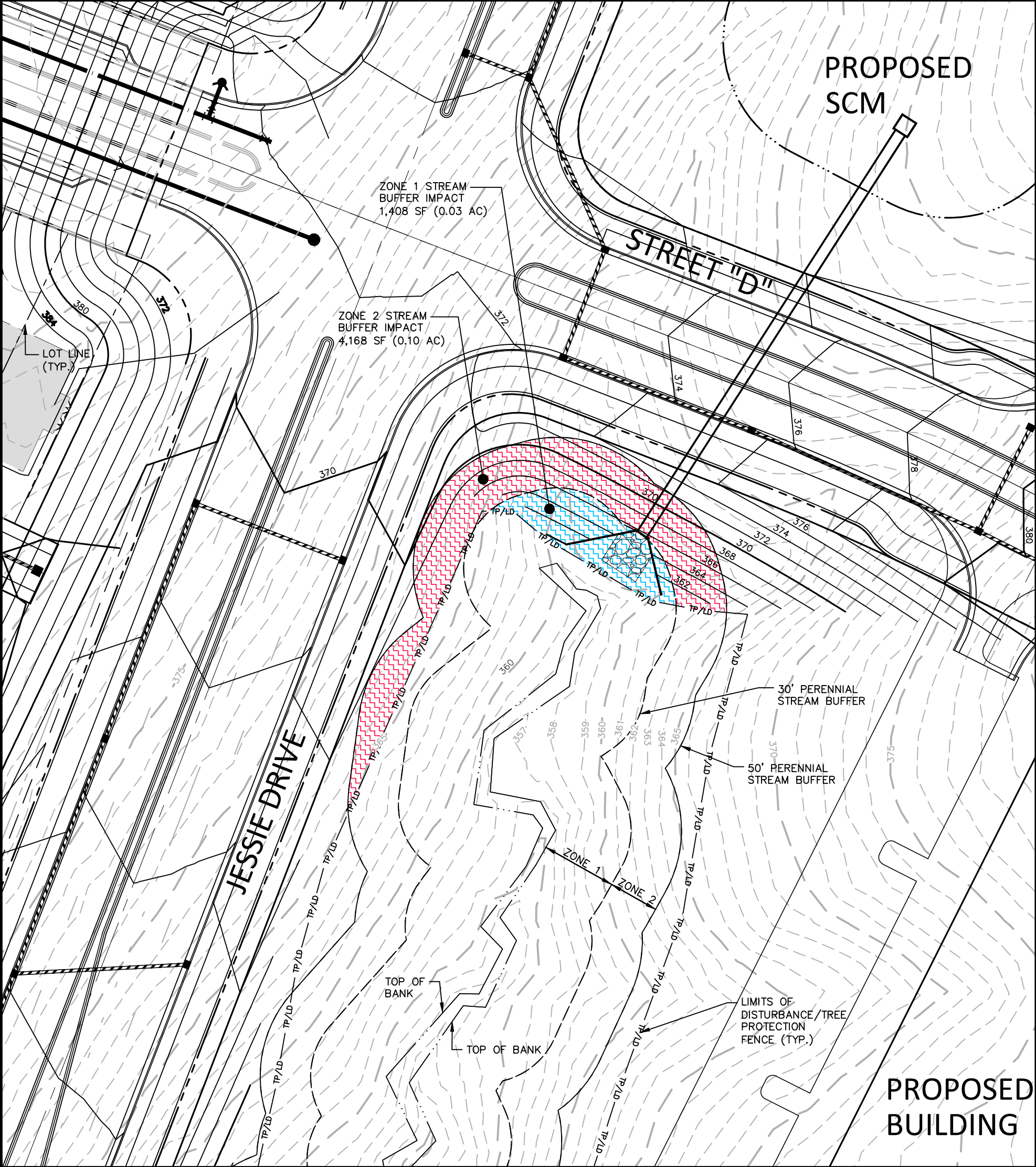
PERMANENT WETLAND IMPACT



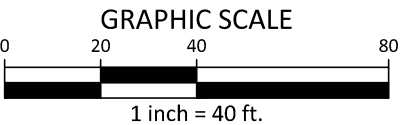
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND
IMPACT



BUFFER IMPACT AREA MAP - AREA 2.15



M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permit\LEN22002-EV1.dwg, 8/30/2022 3:50:52 PM, Brittany Johnson



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Durham, NC 27713

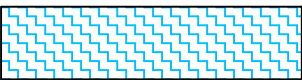
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



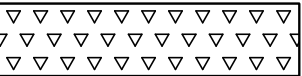
ZONE 1 APEX BUFFER
IMPACT



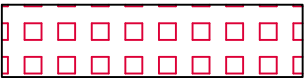
PERMANENT STREAM
IMPACT



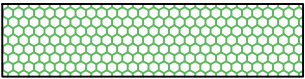
EXISTING WETLAND



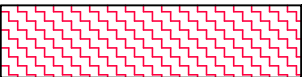
TEMPORARY STREAM IMPACT



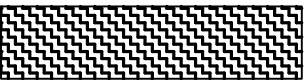
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



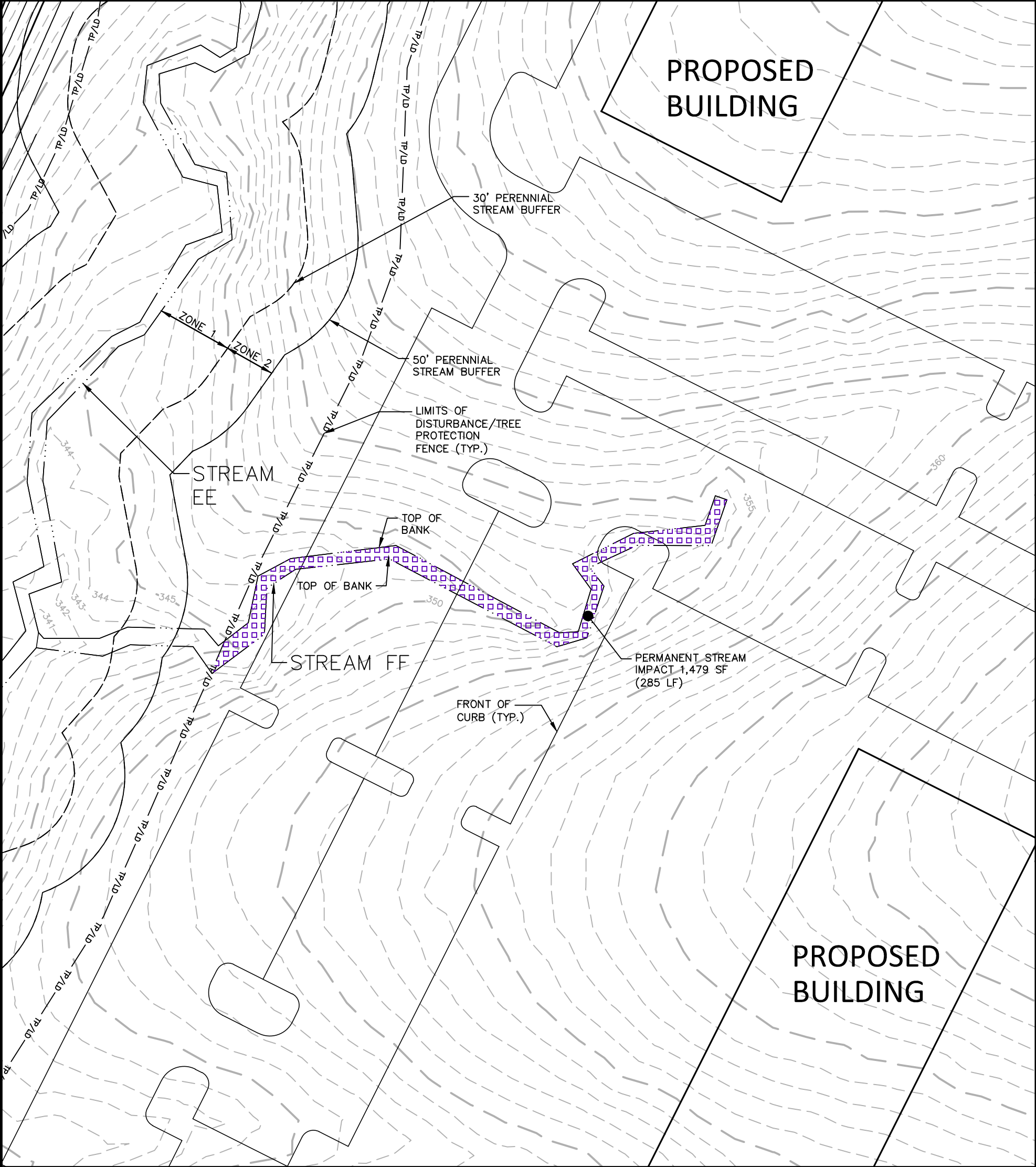
PERMANENT WETLAND IMPACT



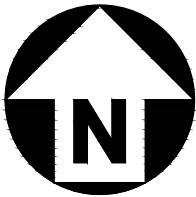
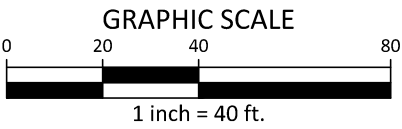
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.16



M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permit\LEN22002-EV1.dwg, 8/30/2022 3:51:11 PM, Brittany Johnson



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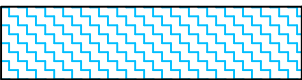
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VERIDEA
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APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



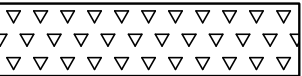
ZONE 1 APEX BUFFER
IMPACT



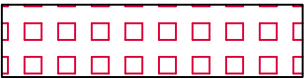
PERMANENT STREAM
IMPACT



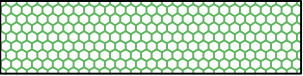
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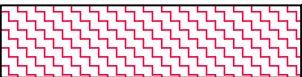
TEMPORARY STREAM IMPACT



PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



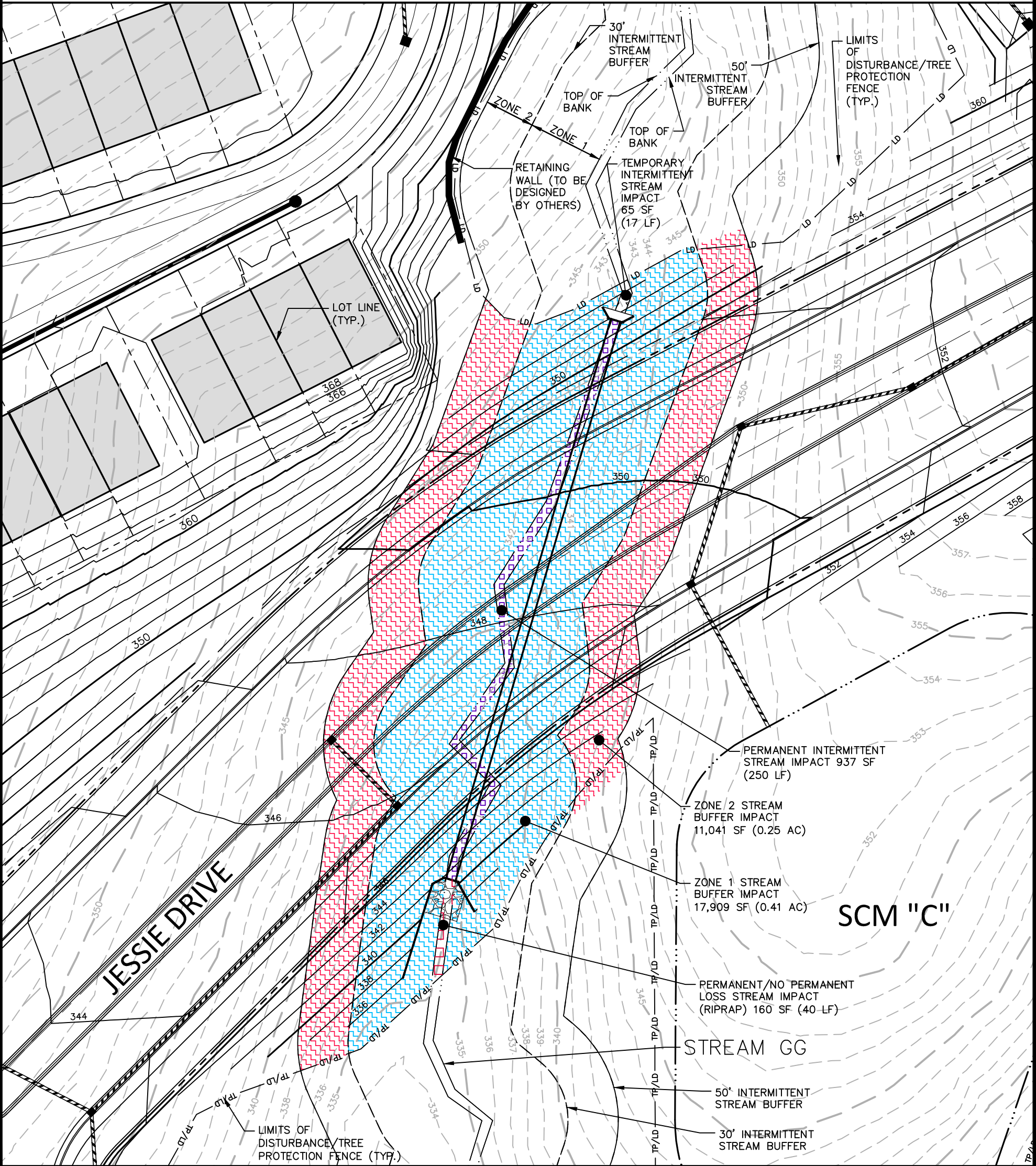
PERMANENT WETLAND IMPACT



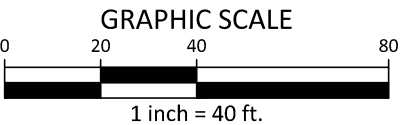
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.17



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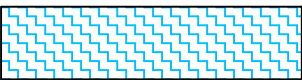
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



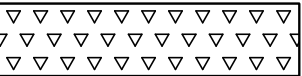
ZONE 1 APEX BUFFER
IMPACT



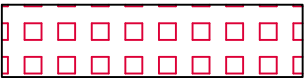
PERMANENT STREAM
IMPACT



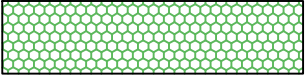
EXISTING WETLAND



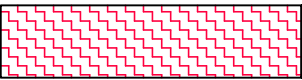
TEMPORARY STREAM IMPACT



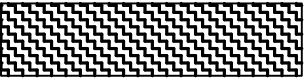
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



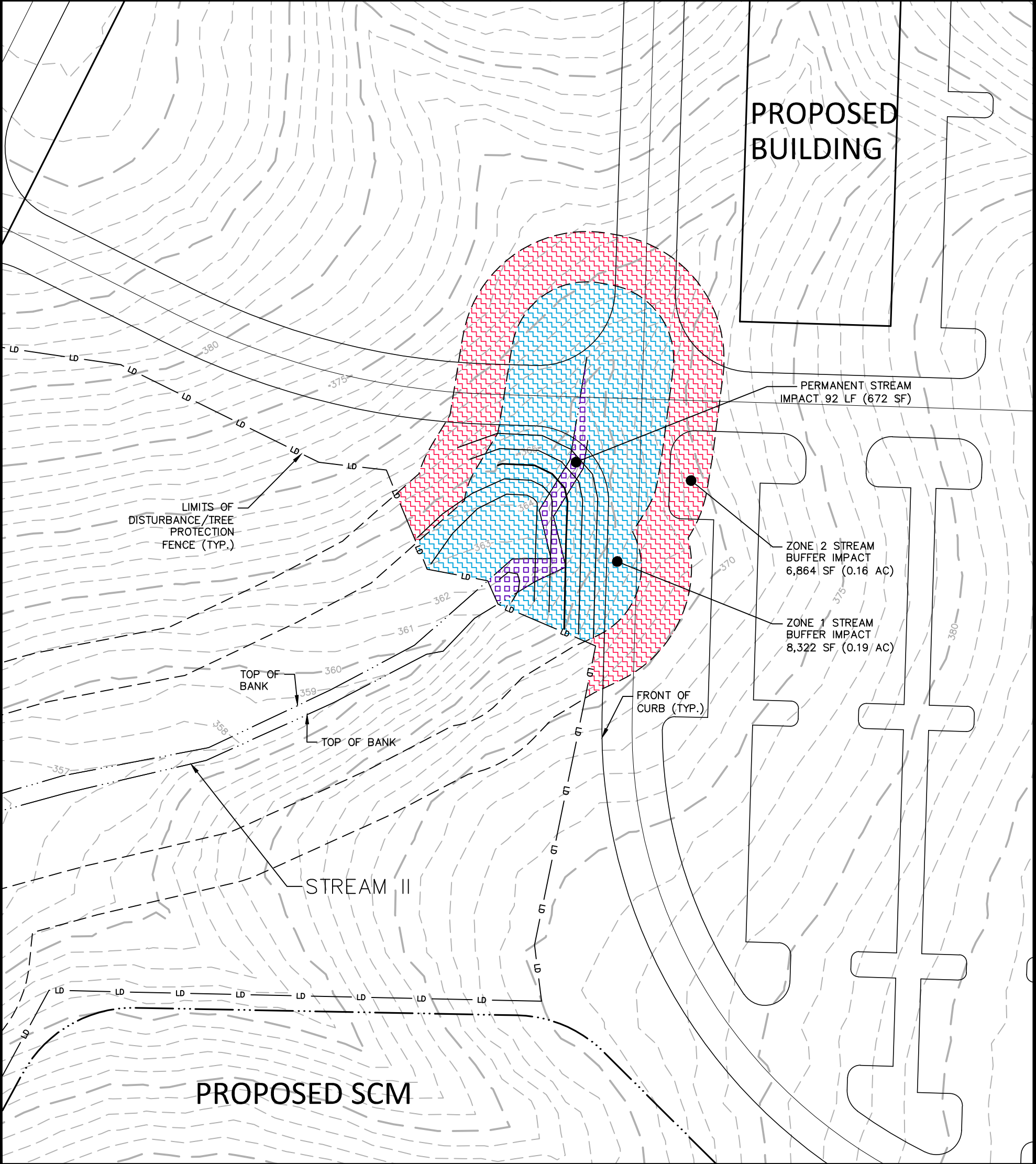
PERMANENT WETLAND IMPACT



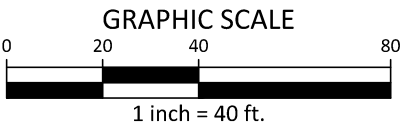
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.18



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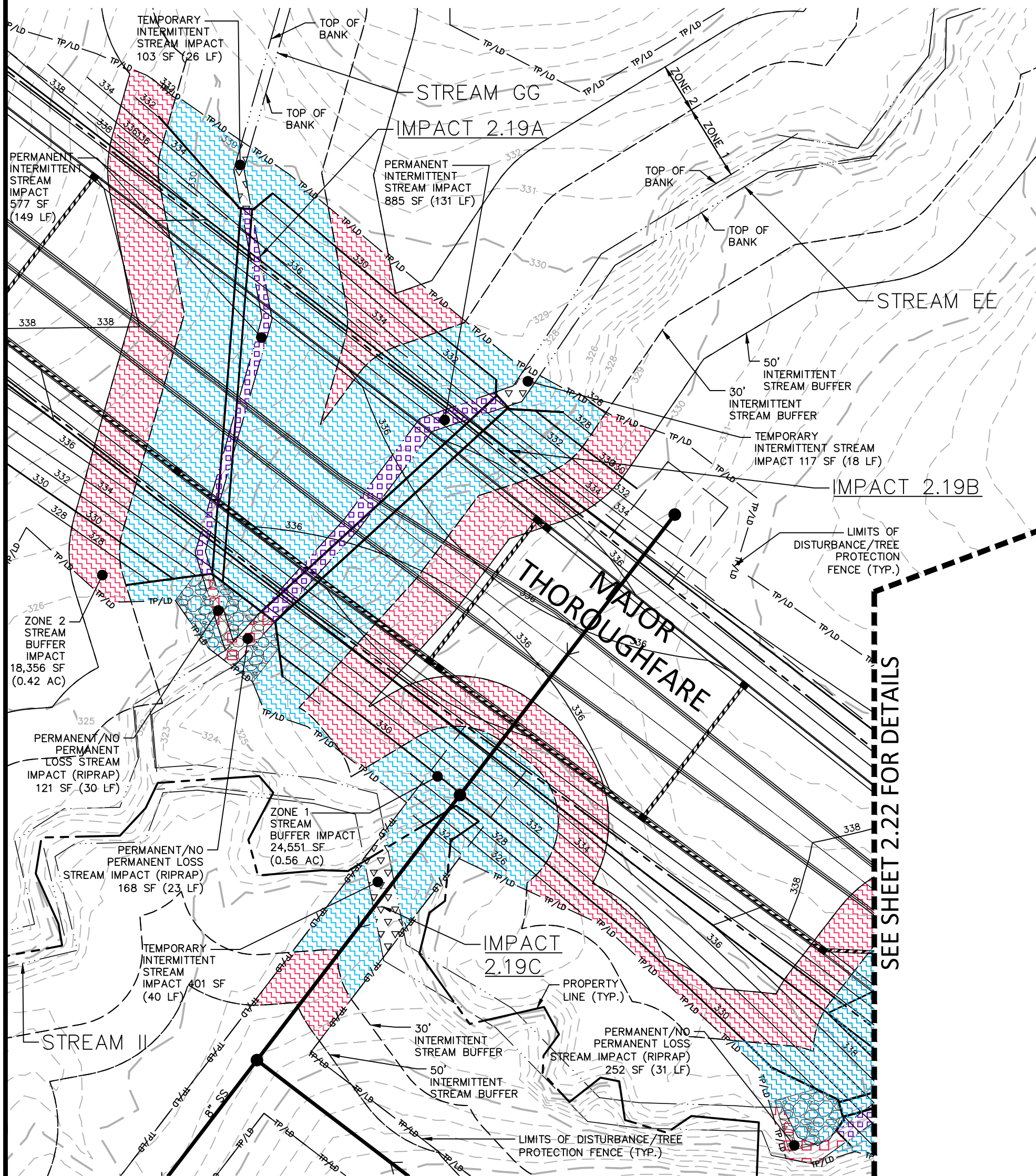
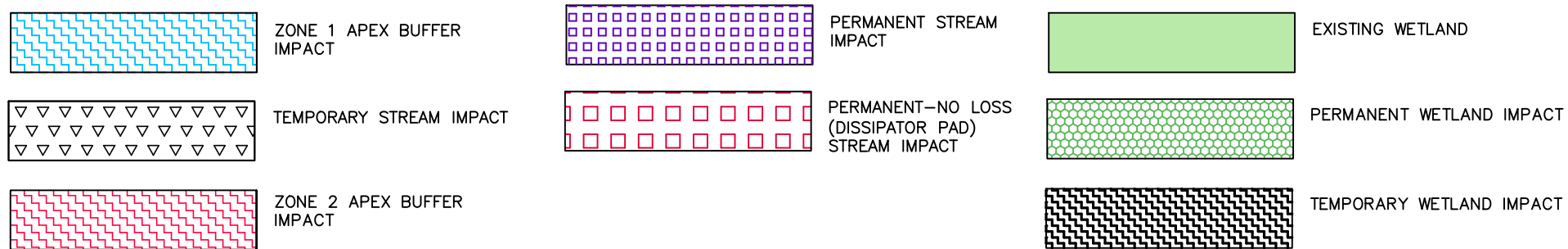
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VERIDEA
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APEX, NORTH CAROLINA

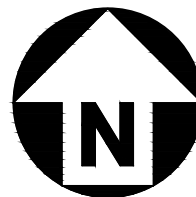
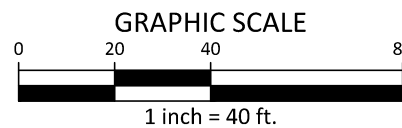
PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



SEE SHEET 2.22 FOR DETAILS

INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.19



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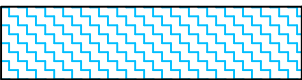
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VERIDEA
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APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



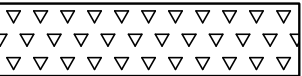
ZONE 1 APEX BUFFER
IMPACT



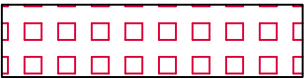
PERMANENT STREAM
IMPACT



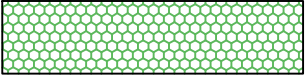
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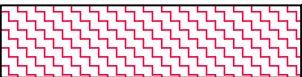
TEMPORARY STREAM IMPACT



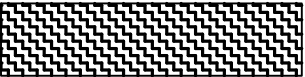
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



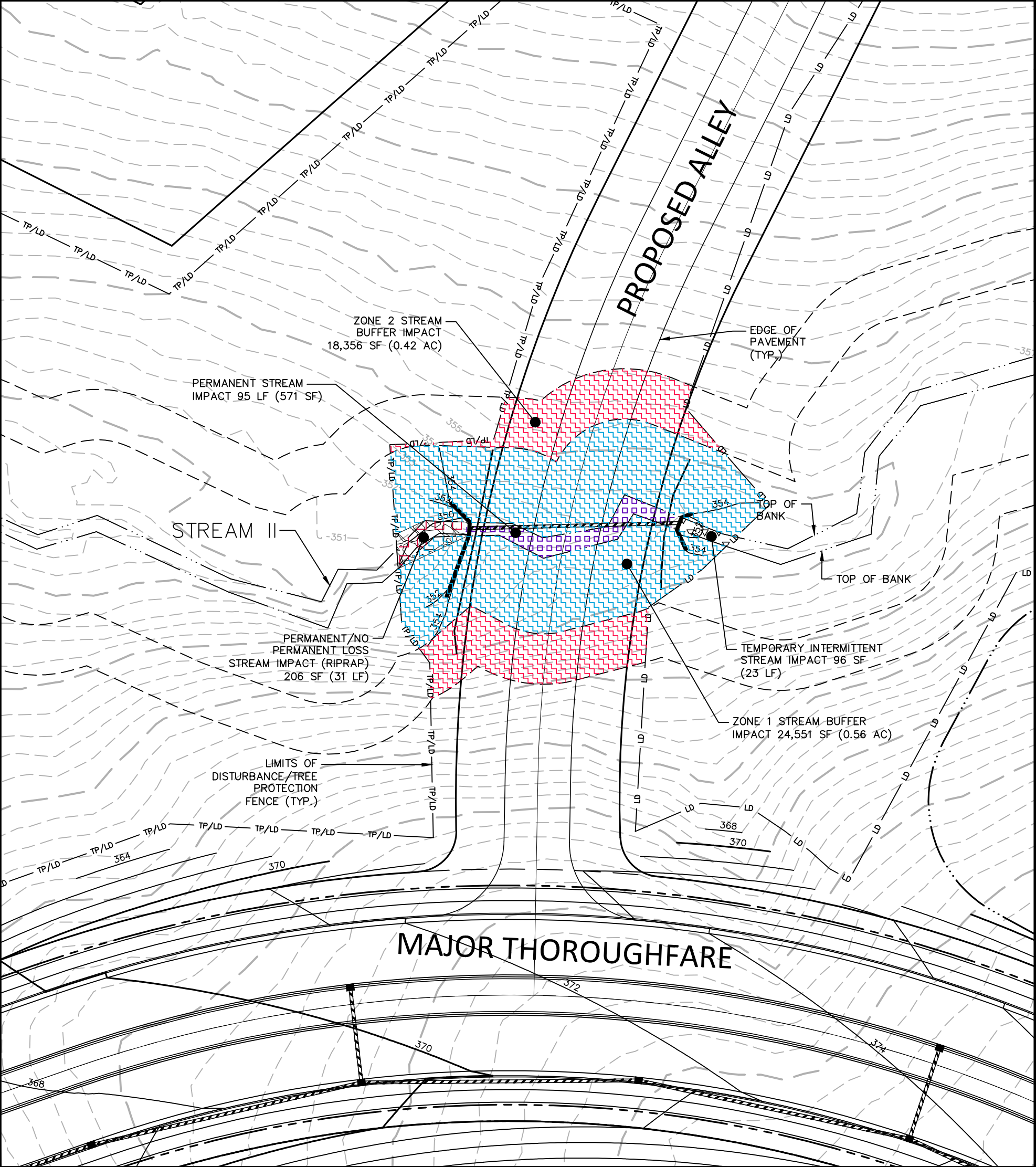
PERMANENT WETLAND IMPACT



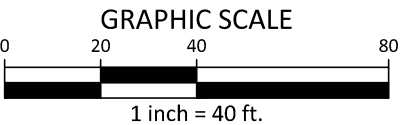
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.20



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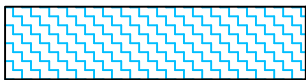
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



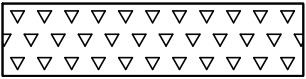
ZONE 1 APEX BUFFER
IMPACT



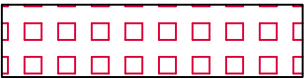
PERMANENT STREAM
IMPACT



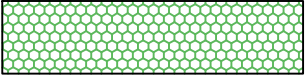
EXISTING WETLAND



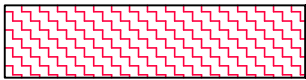
TEMPORARY STREAM IMPACT



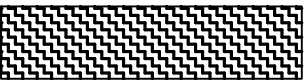
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



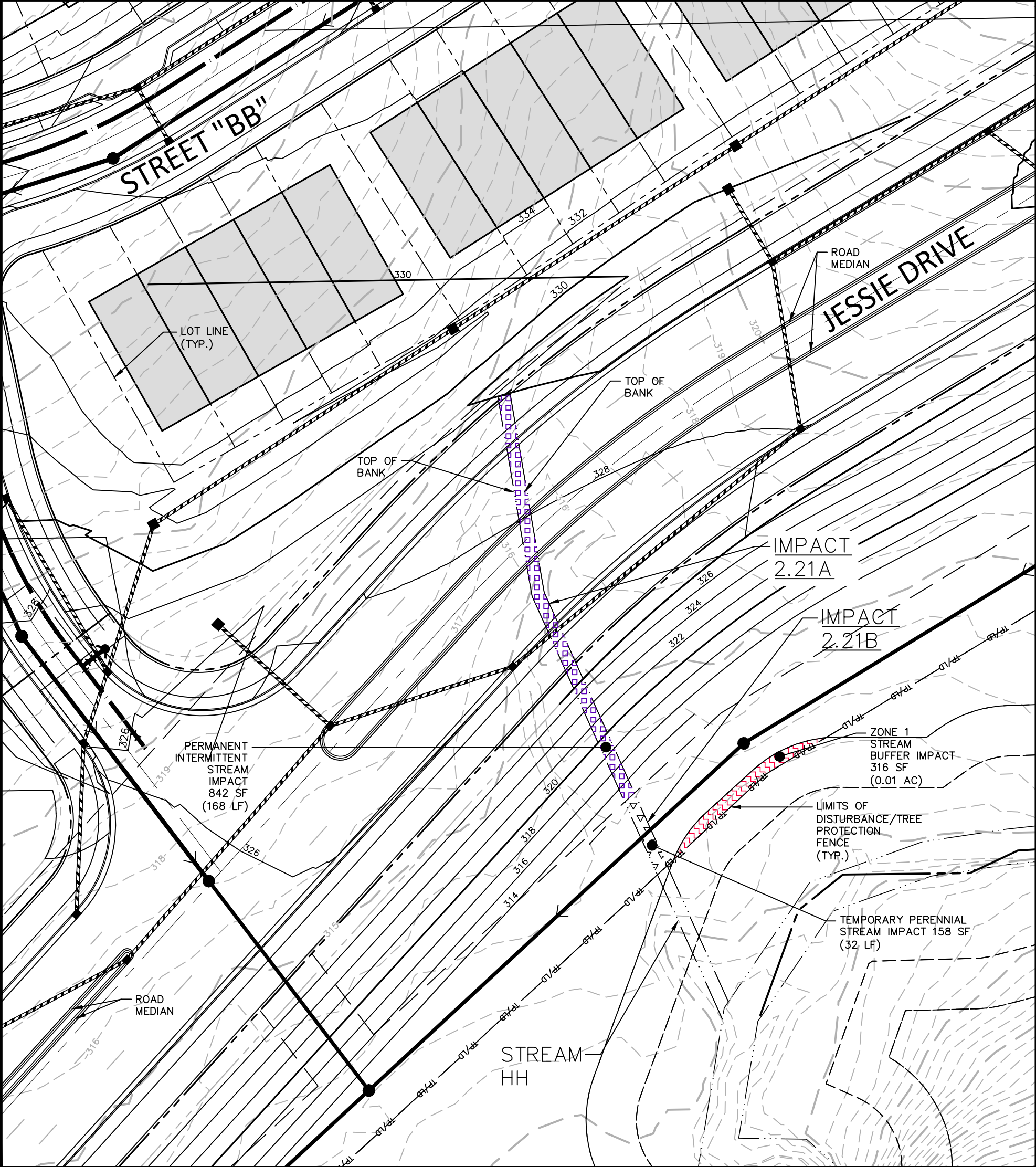
PERMANENT WETLAND IMPACT



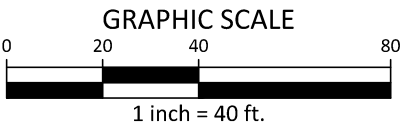
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.21



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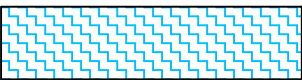
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



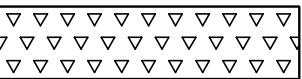
ZONE 1 APEX BUFFER
IMPACT



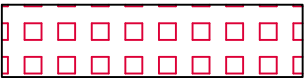
PERMANENT STREAM
IMPACT



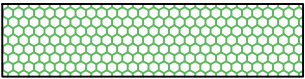
EXISTING WETLAND



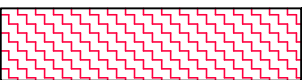
TEMPORARY STREAM IMPACT



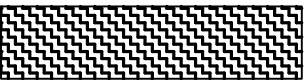
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



PERMANENT WETLAND IMPACT

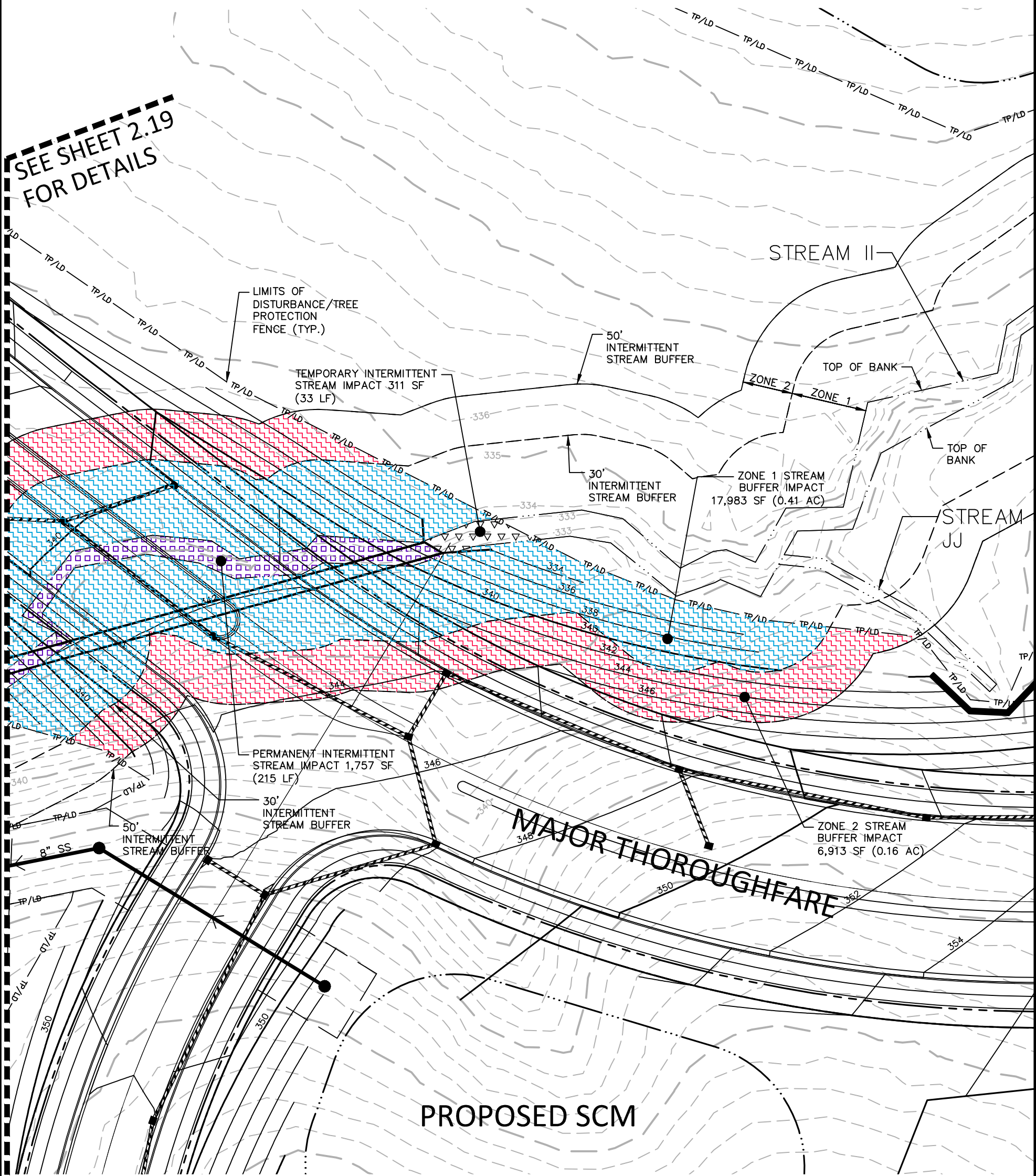


ZONE 2 APEX BUFFER
IMPACT

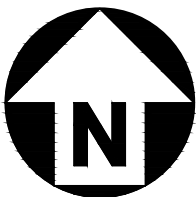
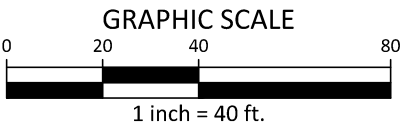


TEMPORARY WETLAND IMPACT

SEE SHEET 2.19
FOR DETAILS



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.22



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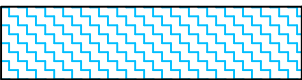
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



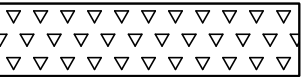
ZONE 1 APEX BUFFER
IMPACT



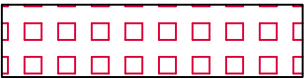
PERMANENT STREAM
IMPACT



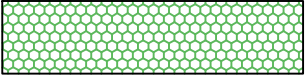
EXISTING WETLAND



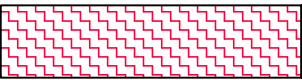
TEMPORARY STREAM IMPACT



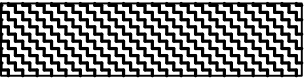
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



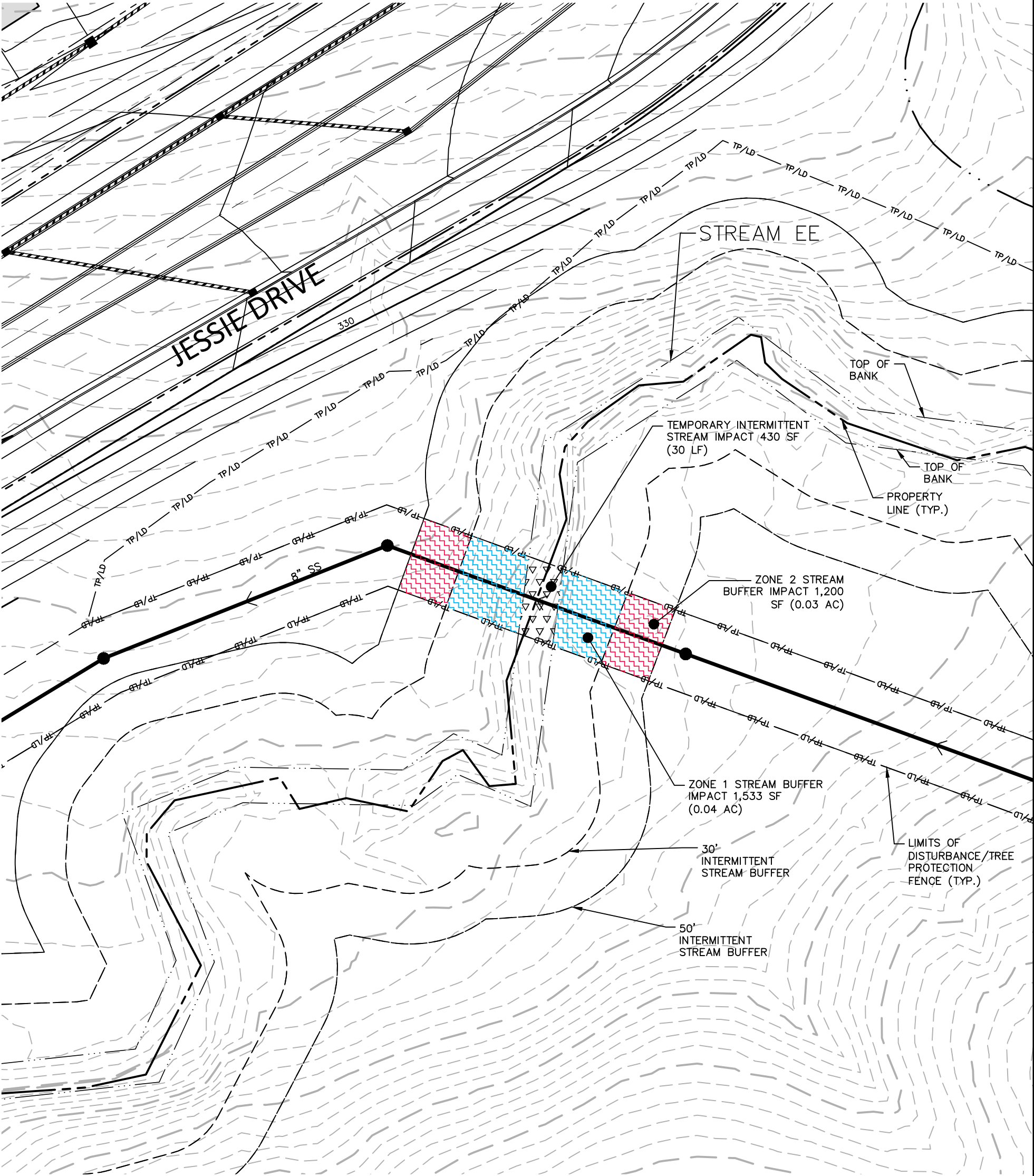
PERMANENT WETLAND IMPACT



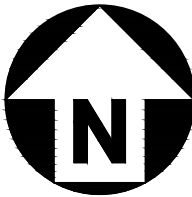
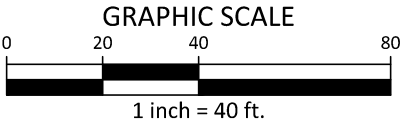
ZONE 2 APEX BUFFER
IMPACT



TEMPORARY WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.23



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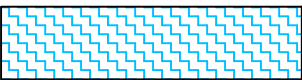
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



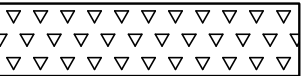
ZONE 1 APEX BUFFER
IMPACT



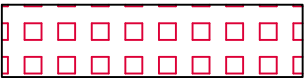
PERMANENT STREAM
IMPACT



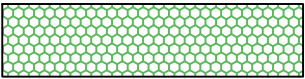
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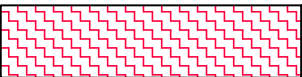
TEMPORARY STREAM IMPACT



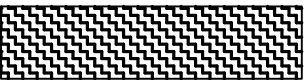
PERMANENT-NO LOSS
(DISSIPATOR PAD)
STREAM IMPACT



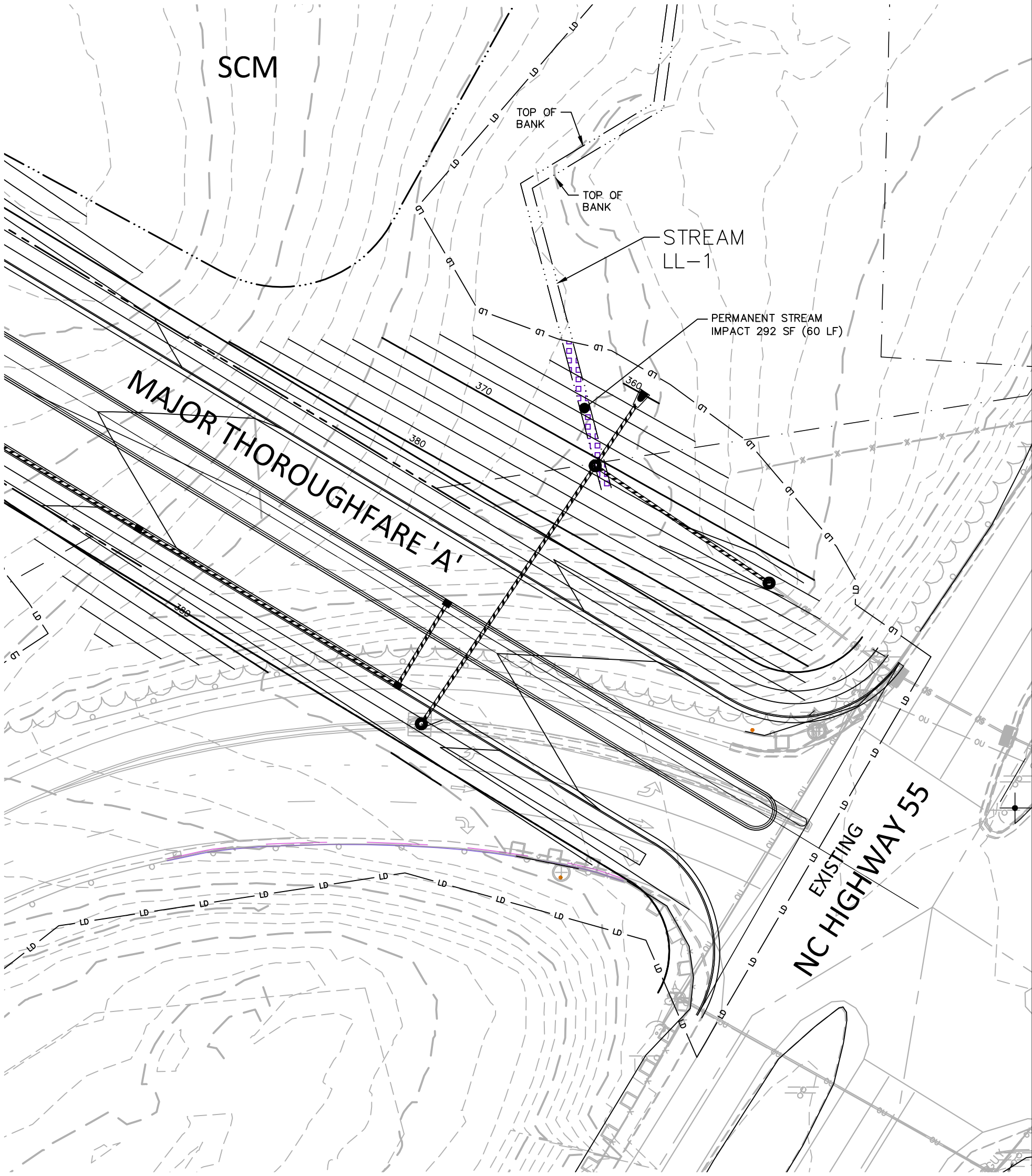
PERMANENT WETLAND IMPACT



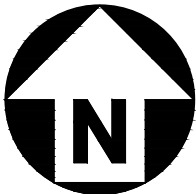
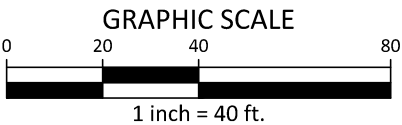
ZONE 2 APEX BUFFER
IMPACT



PERMANENT/NO PERMANENT
LOSS WETLAND IMPACT



INTERMITTENT STREAM IMPACT AREA MAP - AREA 2.24



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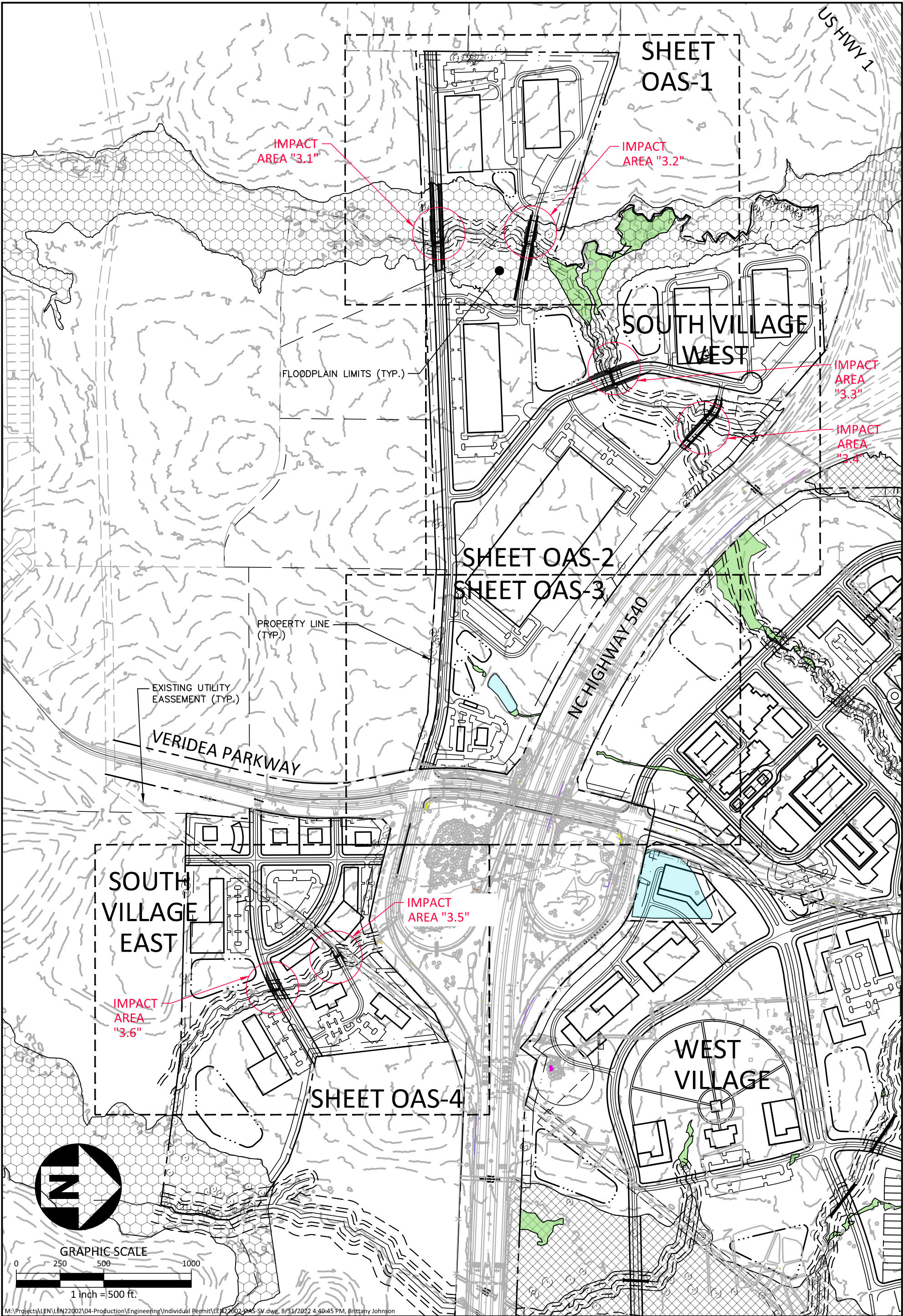
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license number: C-0293, C-187

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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022



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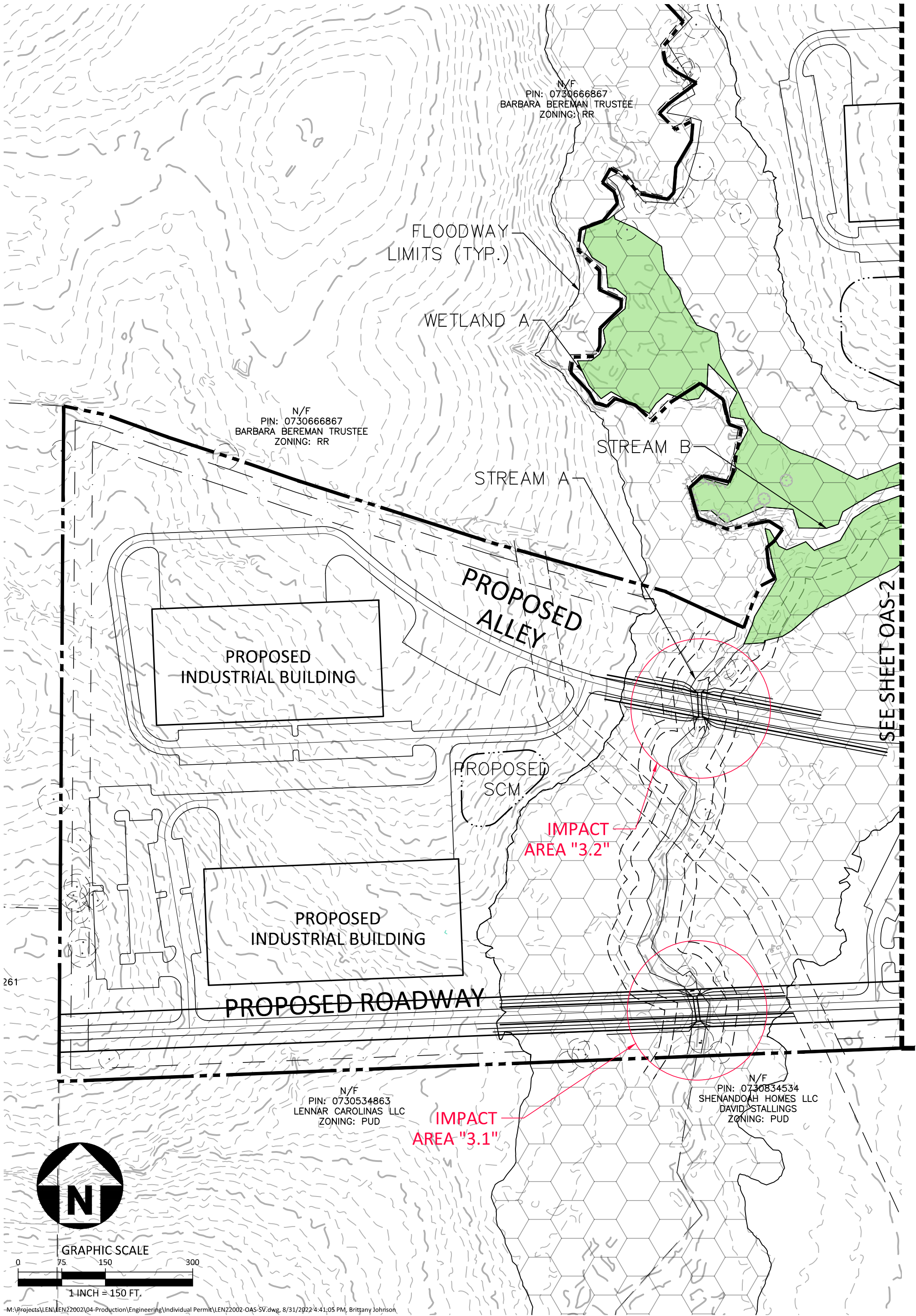
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KEY SHEET

VERIDEA - SOUTH VILLAGE
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	
CHECKED BY	
DRAWN BY	BIJ
SCALE	1"=500'
DATE	06. 21. 2022



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OAS-1

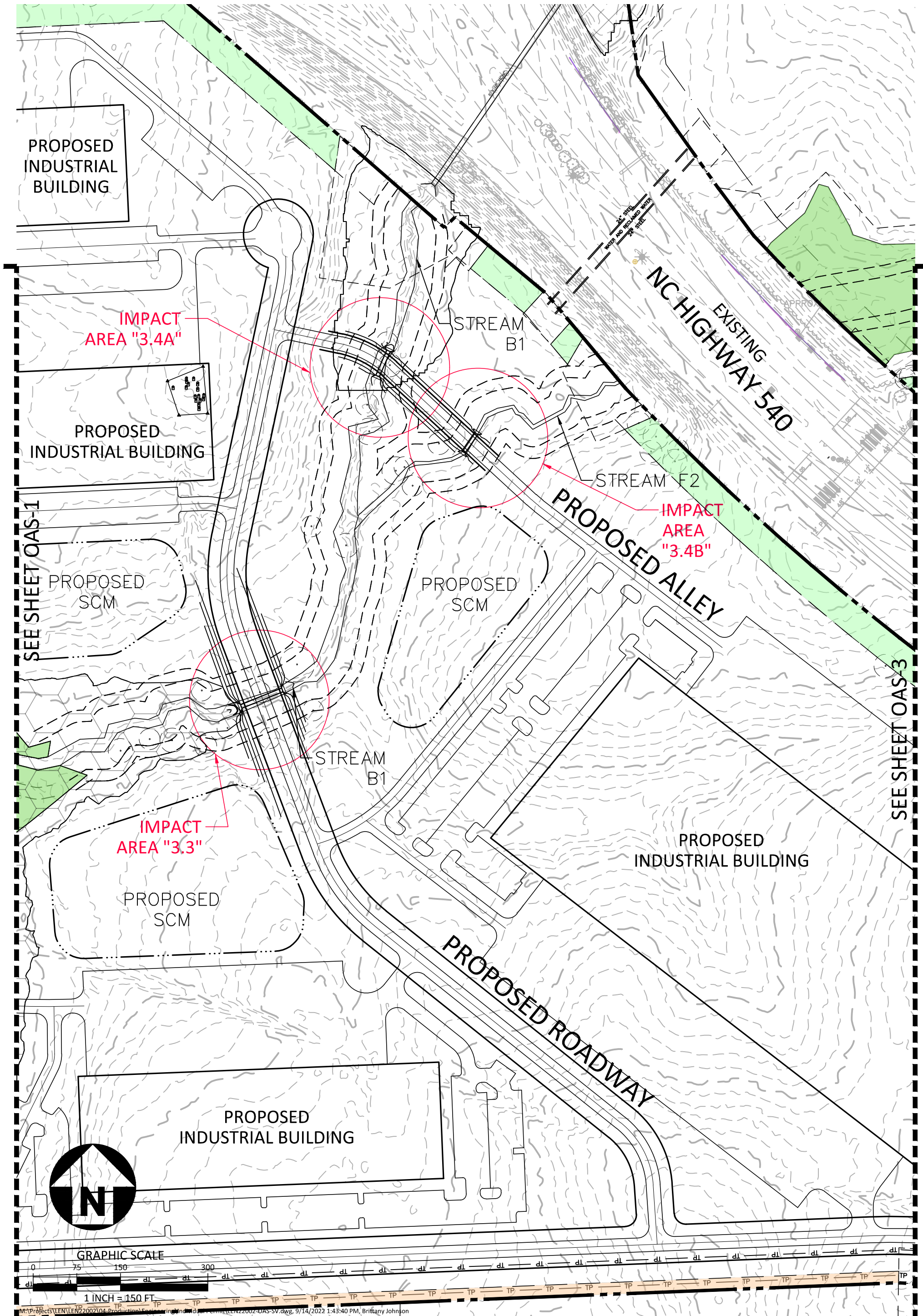
VERIDEA - SOUTH VILLAGE

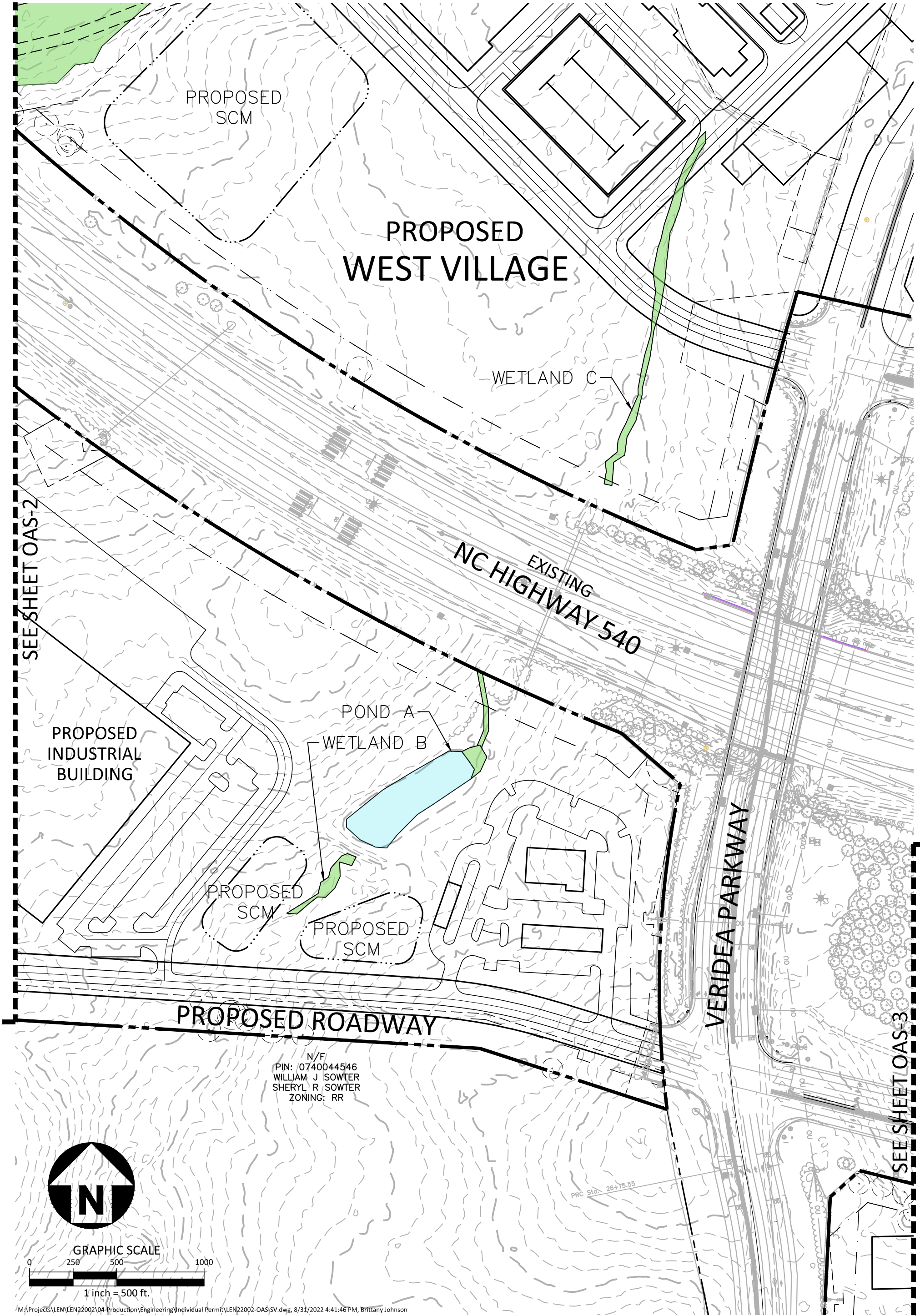
WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

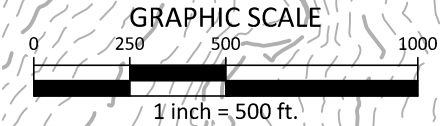
PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS-3
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022





N/F
PIN: 0740044546
WILLIAM J SOWTER
SHERYL R SOWTER
ZONING: RR



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OAS-3

VERIDEA - SOUTH VILLAGE

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS-3
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022

SEE SHEET OAS-3

EXISTING
NC HIGHWAY 540

IMPACT
AREA "3.5"

PROPOSED
ALLEY

STREAM

PROPOSED ROADWAY

PROPOSED
SCM

IMPACT
AREA "3.6"

PROPOSED
SCM

N/F
PIN: 0740221454
WAKE COUNTY ATTORNEY'S OFFICE
ZONING: RR

N/F
PIN: 0740240814
HH TRINITY INVESTMENTS LLC
ZONING: RR

N/F
PIN: 0740448719
GREENWAY WASTE SOLUTIONS OF APEX
LLC
ZONING: LI



GRAPHIC SCALE



1 inch = 500 ft.

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OAS-4

VERIDEA - SOUTH VILLAGE

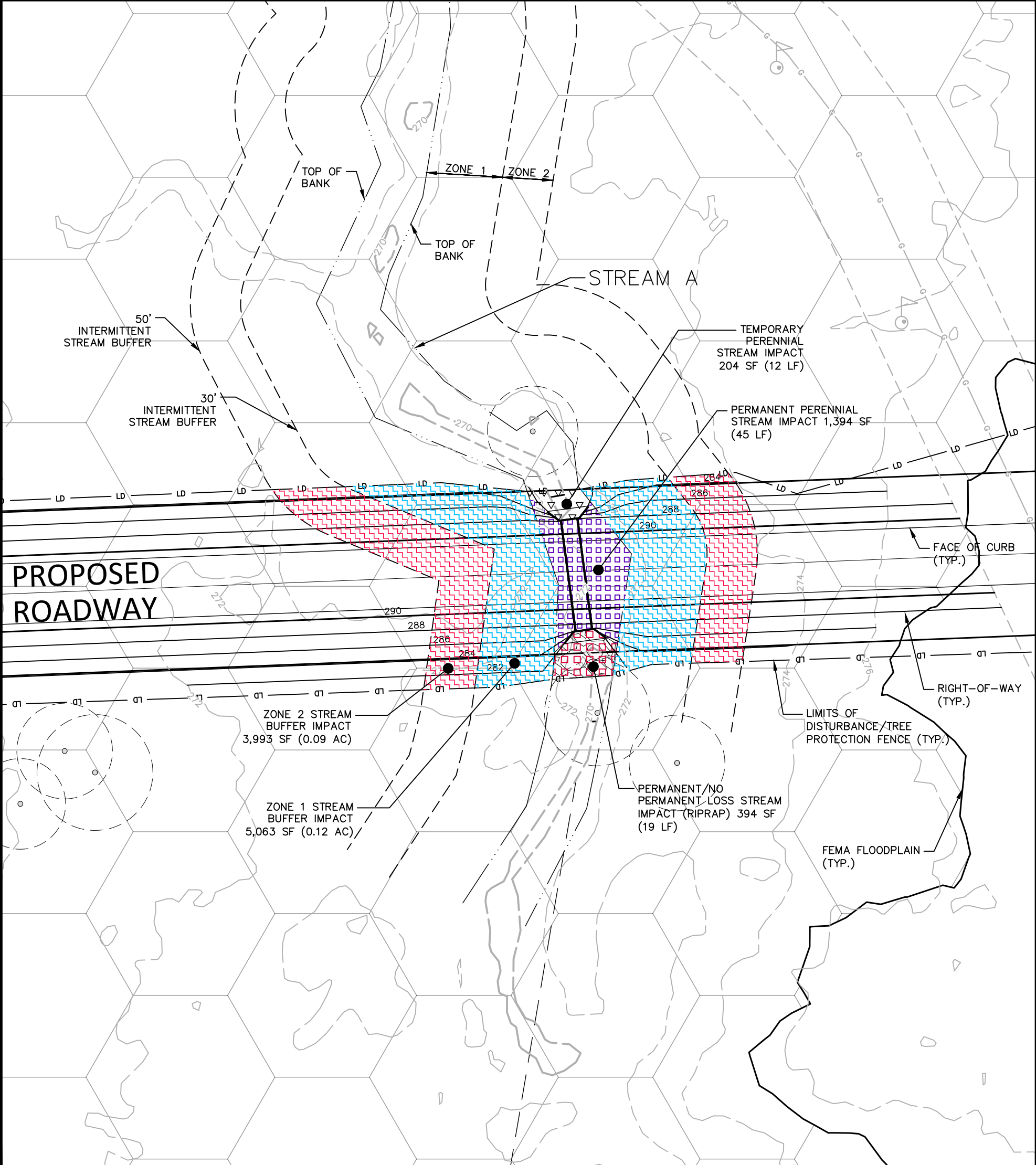
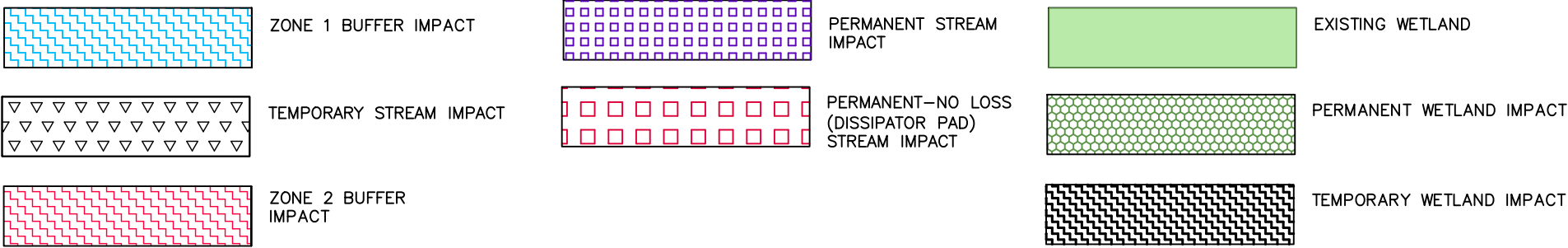
WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

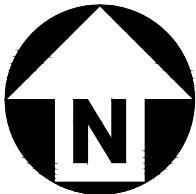
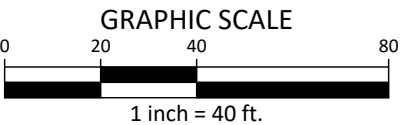
PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS-3
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022

LEGEND



PERENNIAL STREAM IMPACT AREA MAP - AREA 3.1



M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permit\LEN22002-SV1.dwg, 9/1/2022 11:29:16 AM, Brittany Johnson



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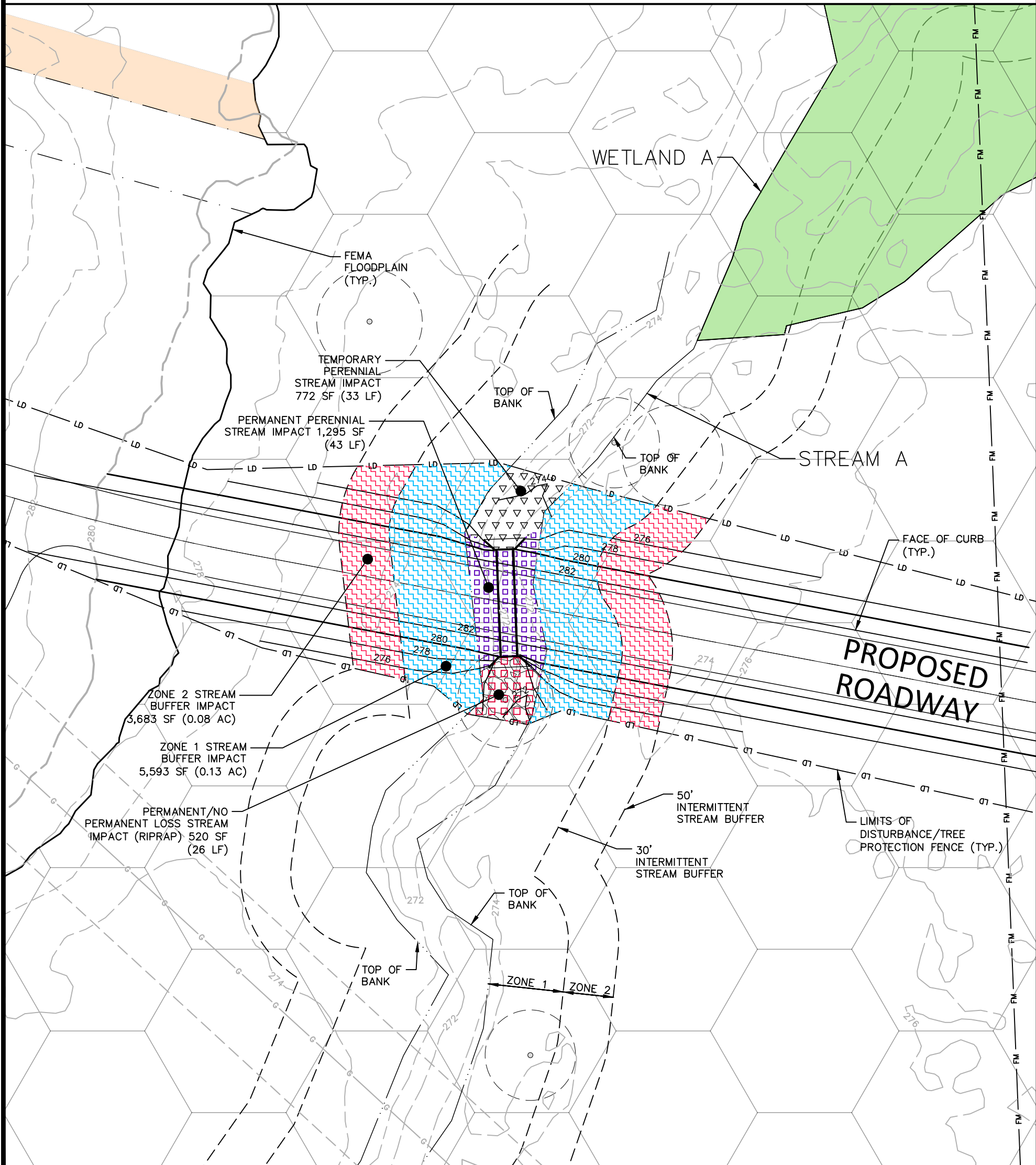
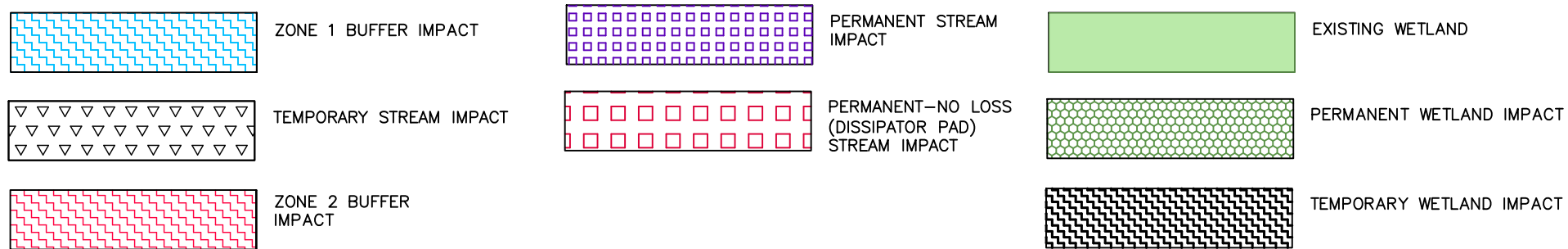
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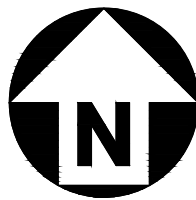
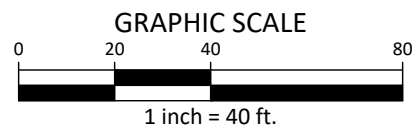
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



PERENNIAL STREAM IMPACT AREA MAP - AREA 3.2



M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permit\LEN22002-SV1.dwg, 9/1/2022 11:29:35 AM, Brittany Johnson



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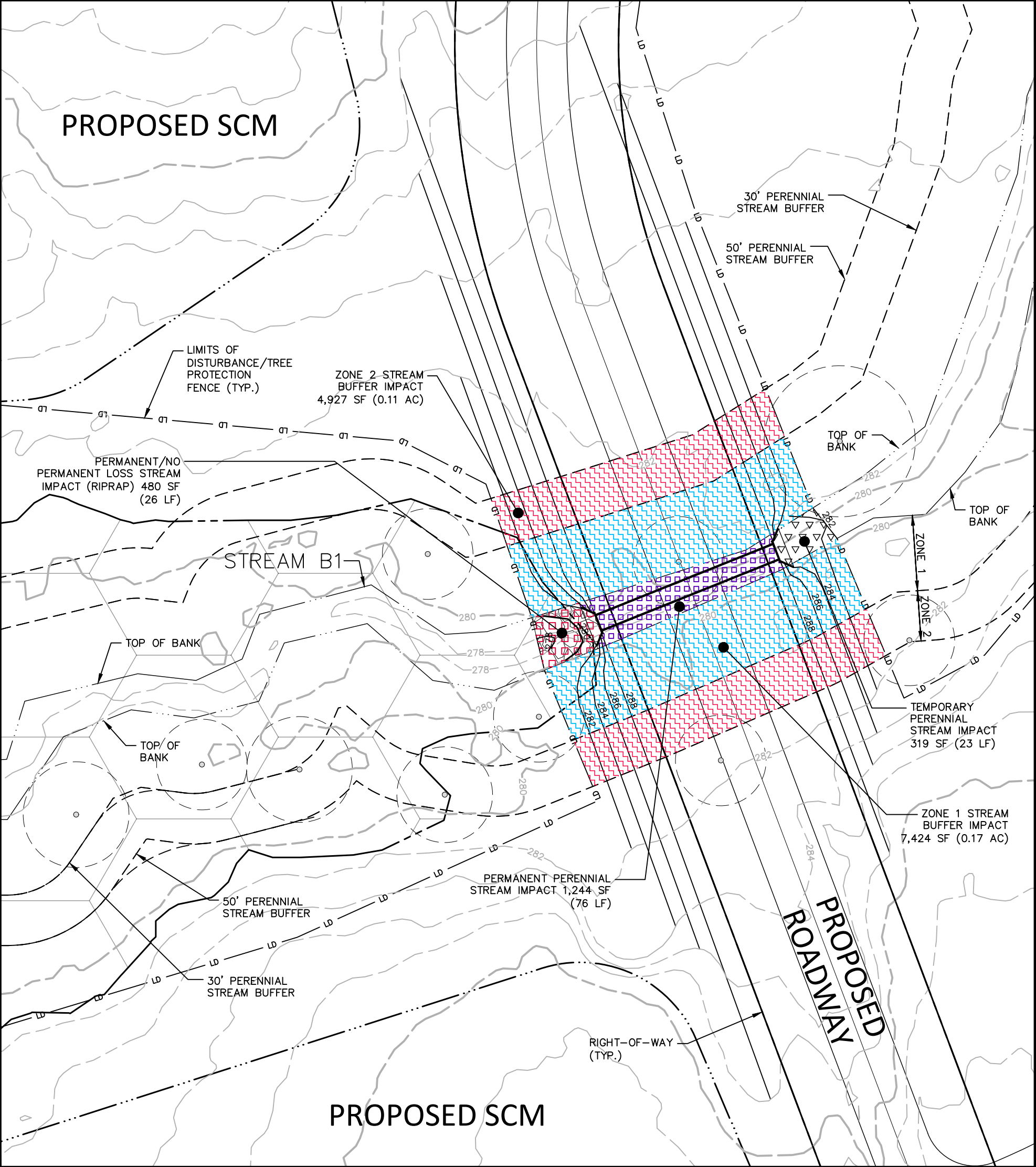
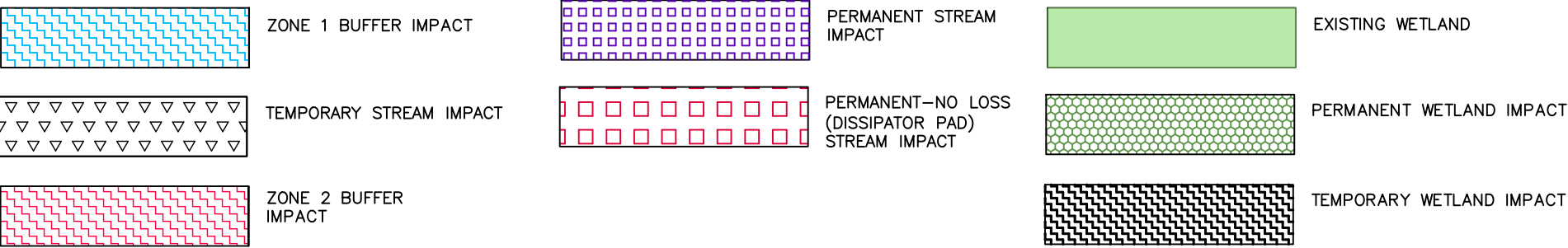
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VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

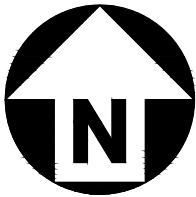
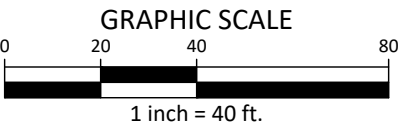
PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



PERENNIAL STREAM IMPACT AREA MAP - AREA 3.3



M:\Projects\LEN\LEN22002\04-Production\Engineering\Individual Permit\LEN22002-SV1.dwg, 9/1/2022 11:29:55 AM, Brittany Johnson



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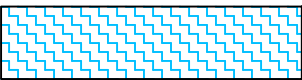
VERIDEA

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

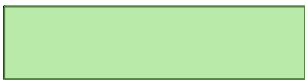
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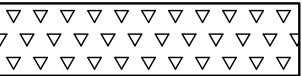
ZONE 1 BUFFER IMPACT



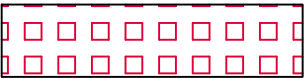
PERMANENT STREAM IMPACT



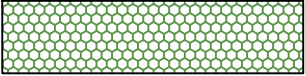
EXISTING WETLAND



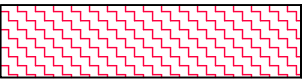
TEMPORARY STREAM IMPACT



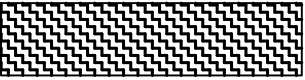
PERMANENT-NO LOSS (DISSIPATOR PAD) STREAM IMPACT



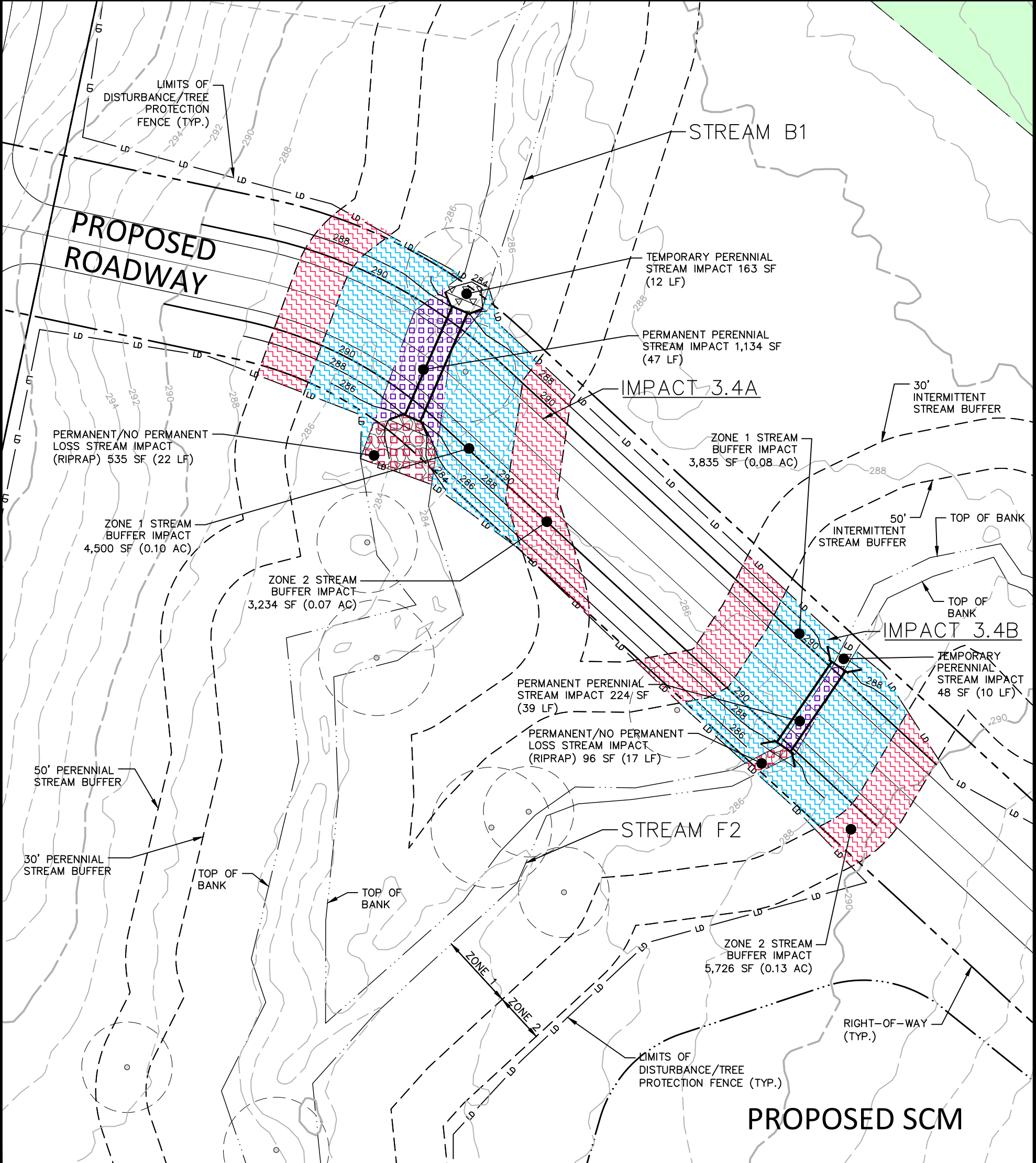
PERMANENT WETLAND IMPACT



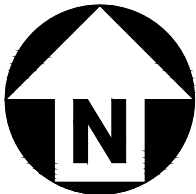
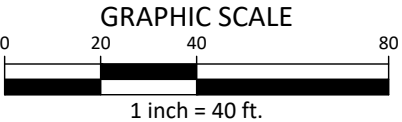
ZONE 2 BUFFER IMPACT



TEMPORARY WETLAND IMPACT



PERENNIAL (B1) & INTERMITTENT (F2) STREAM IMPACT
AREA MAP - AREA 3.4



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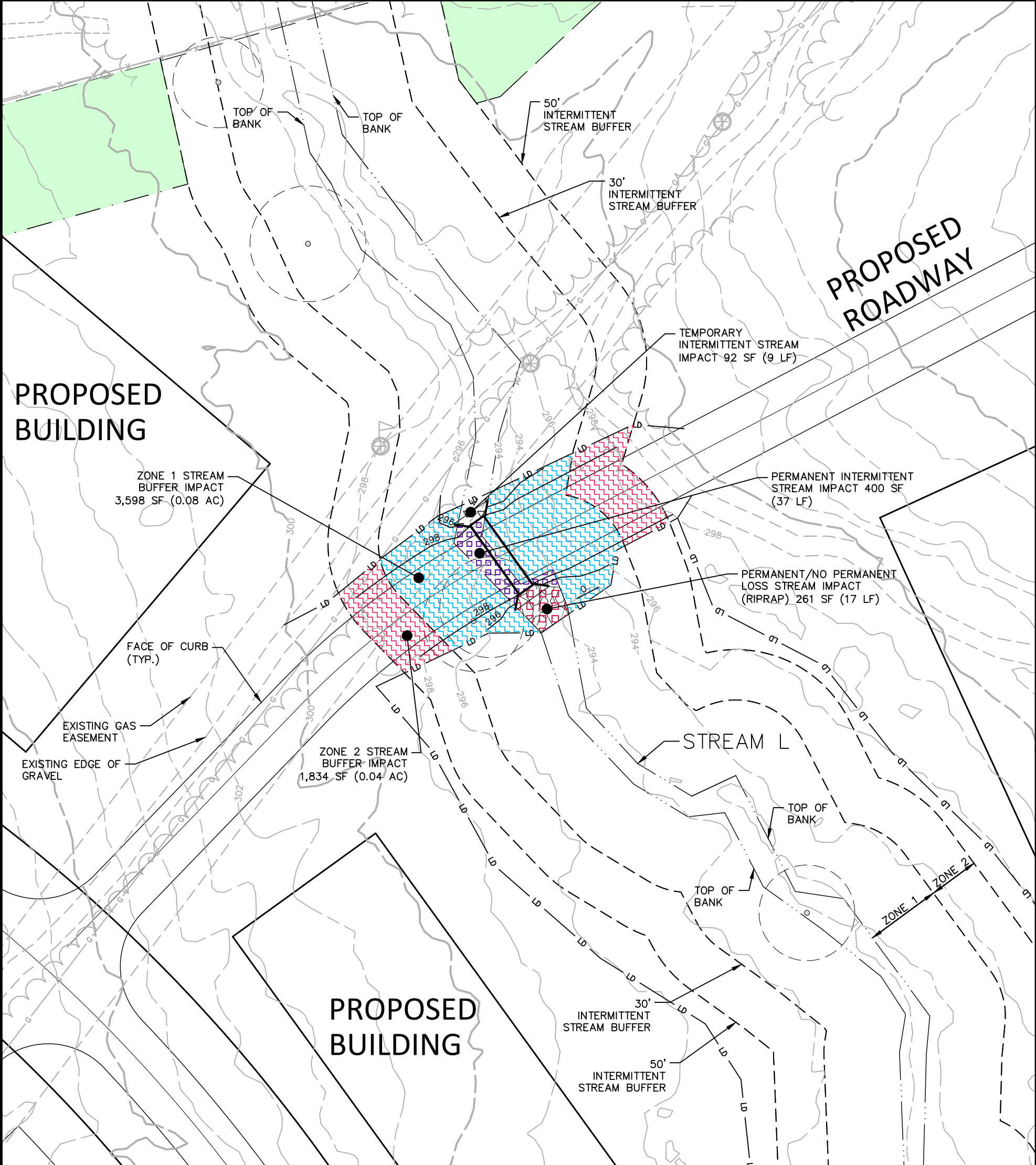
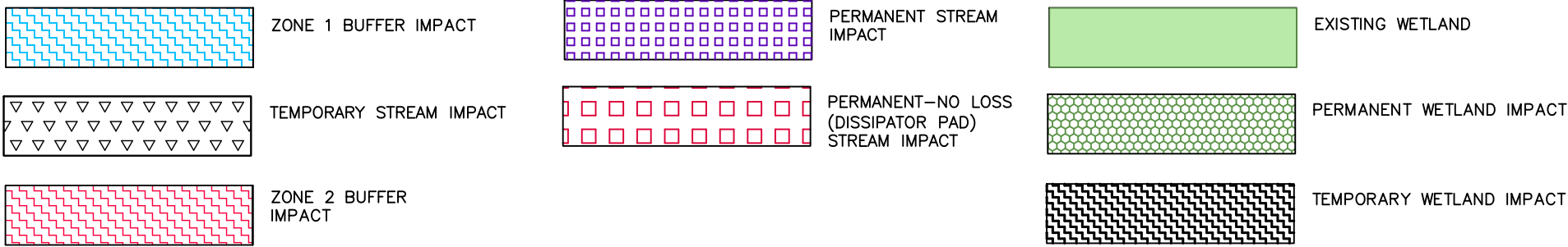
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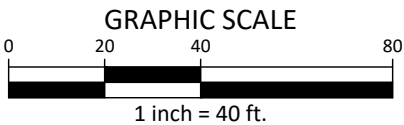
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



INTERMITTENT STREAM IMPACT AREA MAP - AREA 3.5



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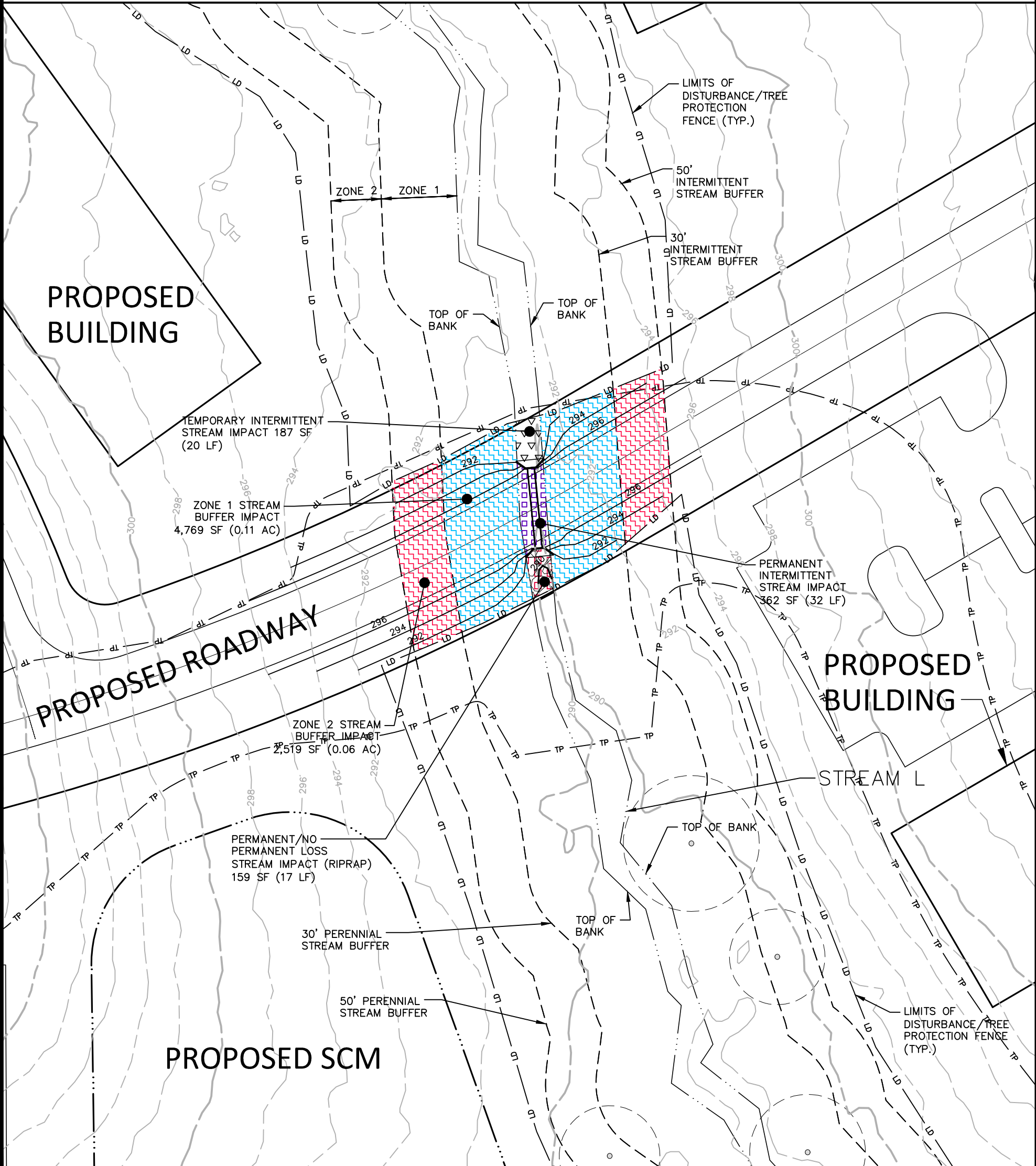
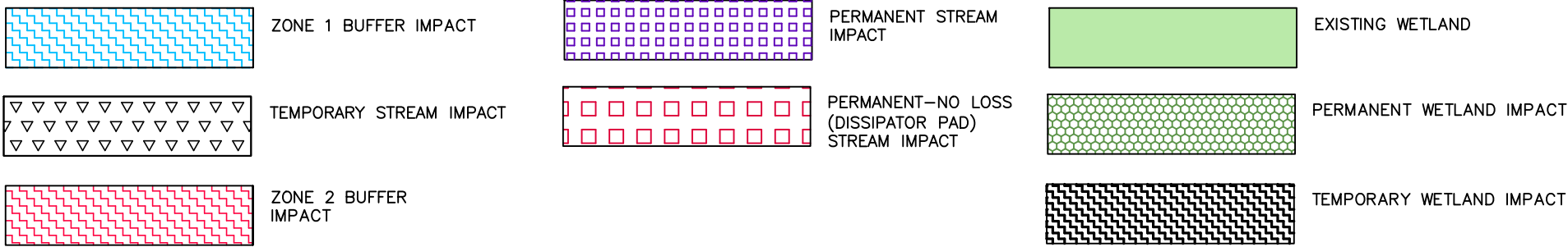
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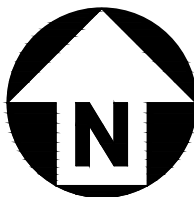
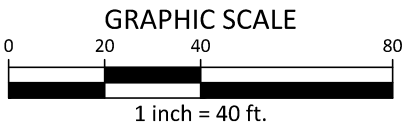
VERIDEA
WETLAND AND STREAM IMPACT MAPS
APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



INTERMITTENT STREAM IMPACT AREA MAP - AREA 3.6



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APEX, NORTH CAROLINA

PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=40'
DATE	06. 21. 2022



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KEY SHEET

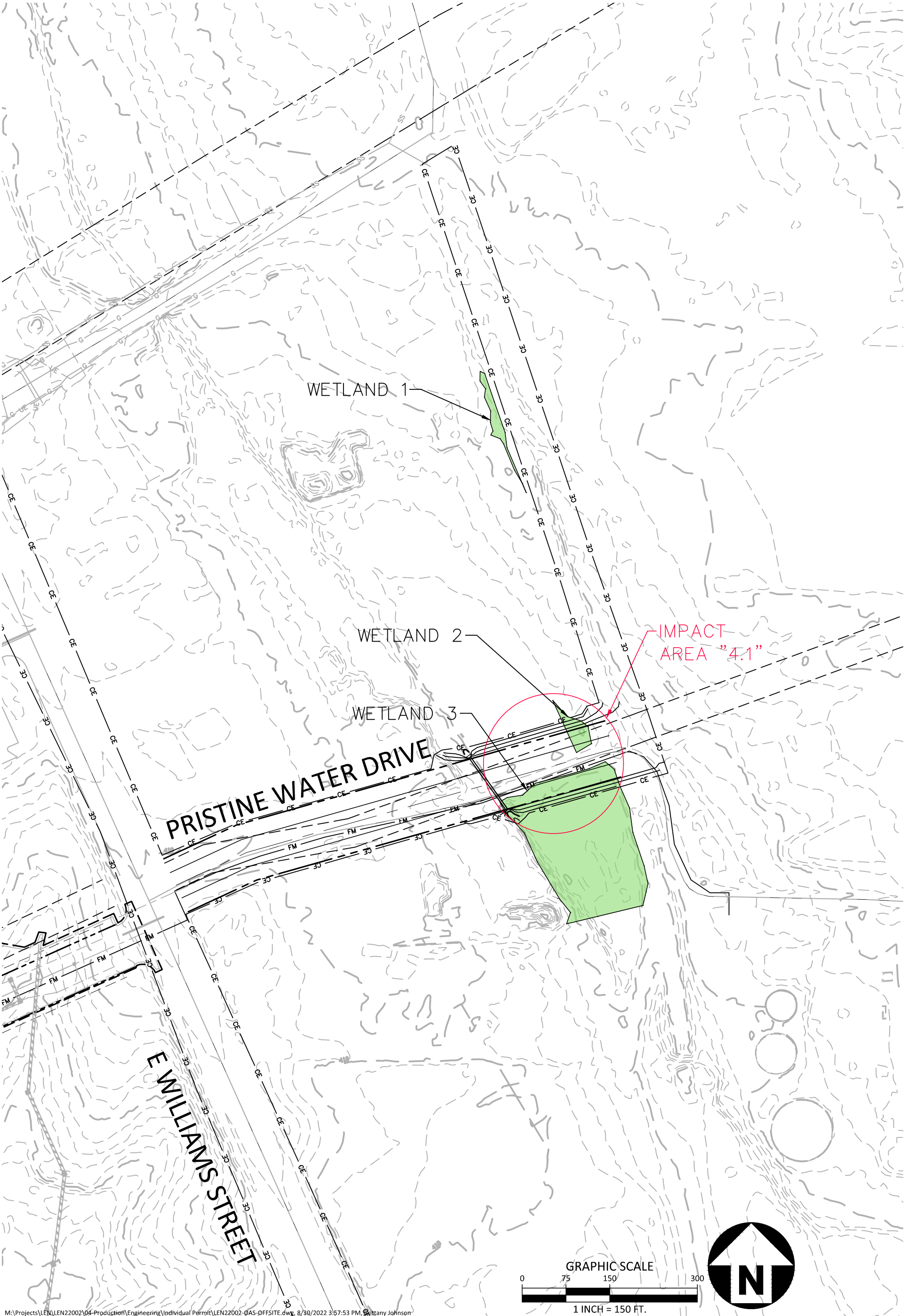
VERIDEA - OFFSITE AREAS

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=500'
DATE	06. 21. 2022



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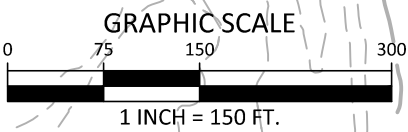
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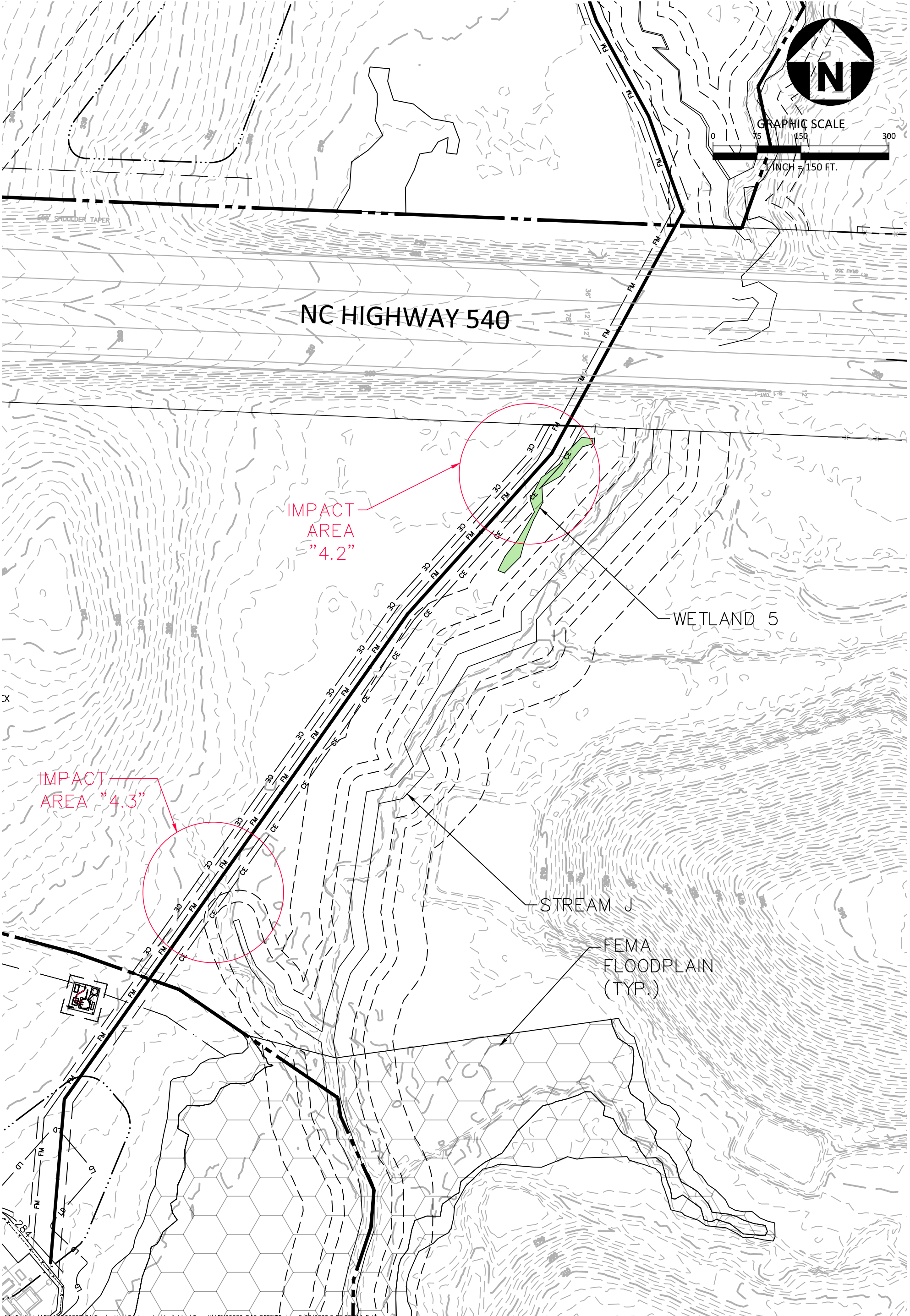
VERIDEA - OFFSITE AREAS

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA



PLAN INFORMATION	
PROJECT NO.	LEN-22002
FILENAME	LEN-22002-OAS
CHECKED BY	XXX
DRAWN BY	BIJ
SCALE	1"=150'
DATE	06. 21. 2022



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OAS-2

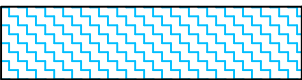
VERIDEA - OFFSITE AREAS

WETLAND AND STREAM IMPACT MAPS

APEX, NORTH CAROLINA

PLAN INFORMATION	
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CHECKED BY	XXX
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SCALE	1"=150'
DATE	06. 21. 2022

LEGEND



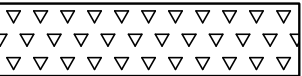
ZONE 1 BUFFER IMPACT



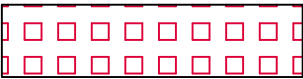
PERMANENT STREAM IMPACT



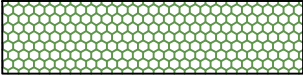
EXISTING WETLAND



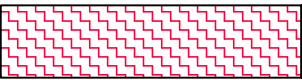
TEMPORARY STREAM IMPACT



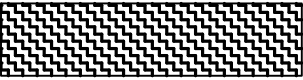
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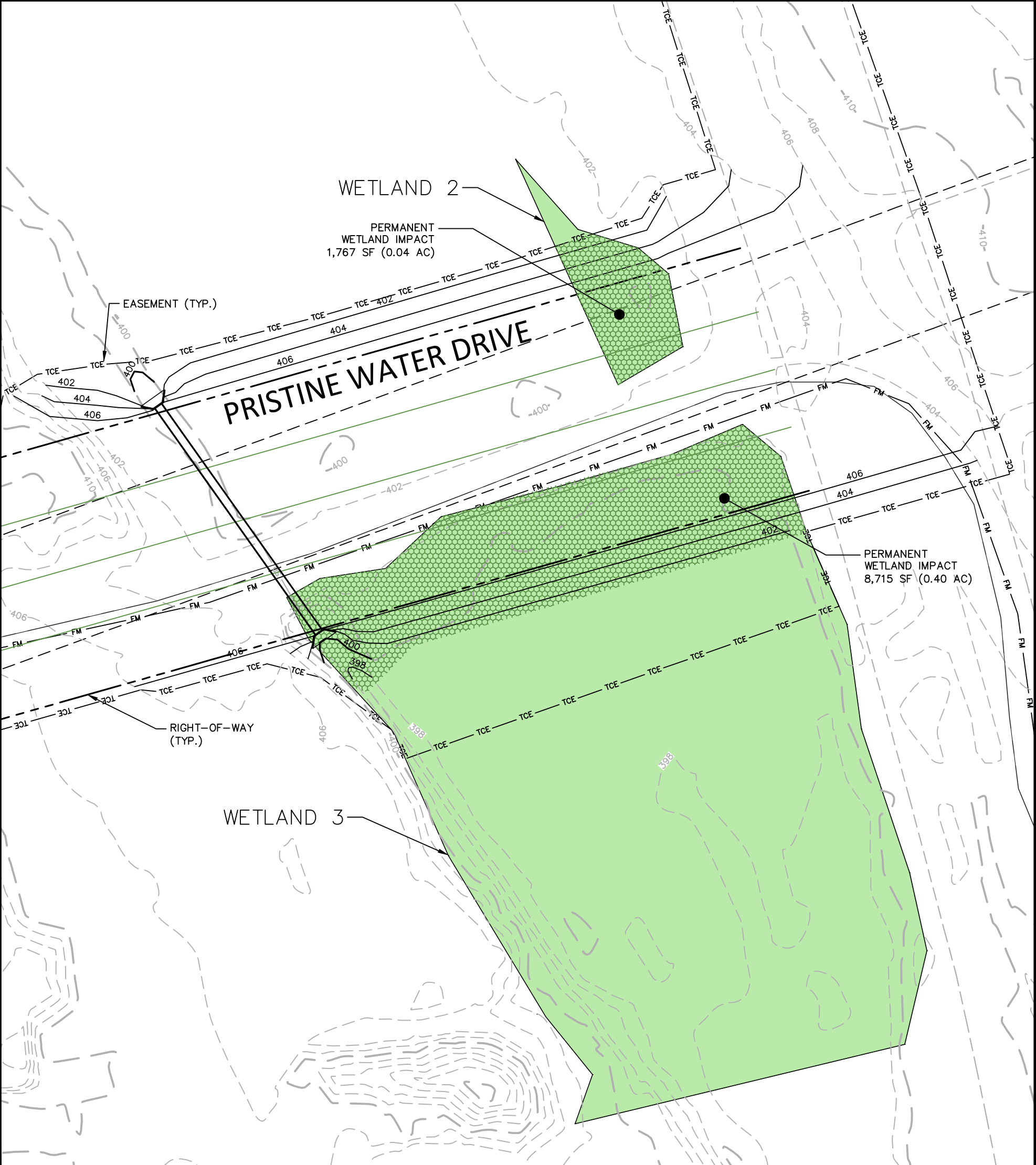
PERMANENT WETLAND IMPACT



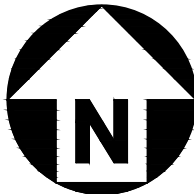
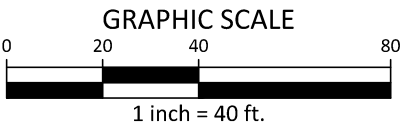
ZONE 2 BUFFER IMPACT



TEMPORARY WETLAND IMPACT



WETLAND IMPACT AREA MAP - AREA 4.1



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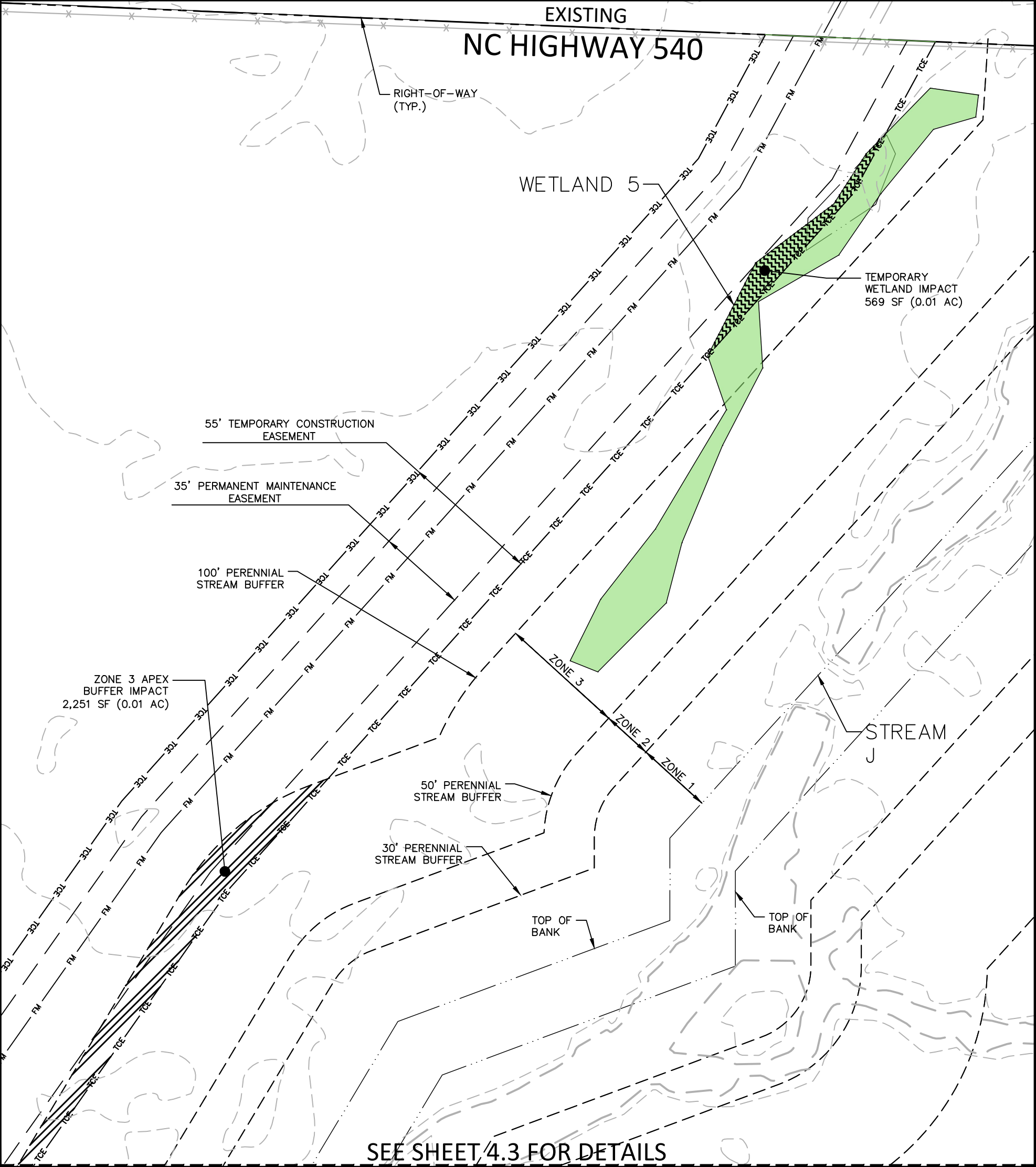
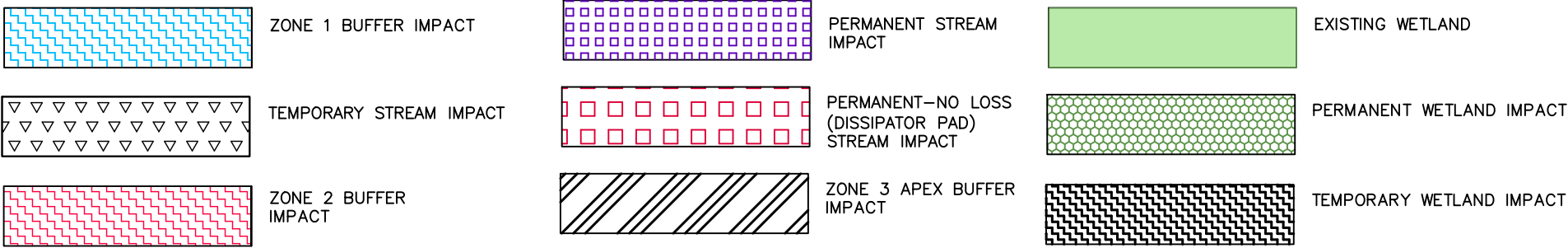
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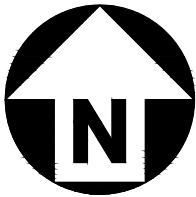
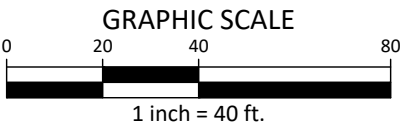
PLAN INFORMATION

PROJECT NO.	LEN-22002
FILENAME	LEN-22002-EV1
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SCALE	1"=40'
DATE	06. 21. 2022

LEGEND



WETLAND & BUFFER IMPACT AREA MAP - AREA 4.2



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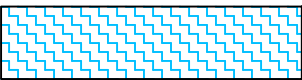
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PLAN INFORMATION	
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FILENAME	LEN-22002-EV1
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SCALE	1"=40'
DATE	06. 21. 2022

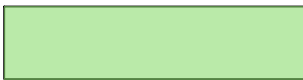
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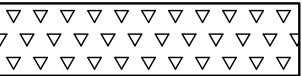
ZONE 1 BUFFER IMPACT



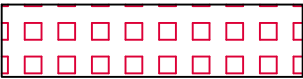
PERMANENT STREAM IMPACT



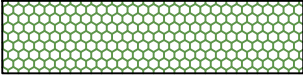
EXISTING WETLAND



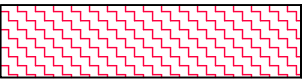
TEMPORARY STREAM IMPACT



PERMANENT-NO LOSS (DISSIPATOR PAD) STREAM IMPACT



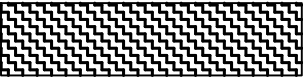
PERMANENT WETLAND IMPACT



ZONE 2 BUFFER IMPACT

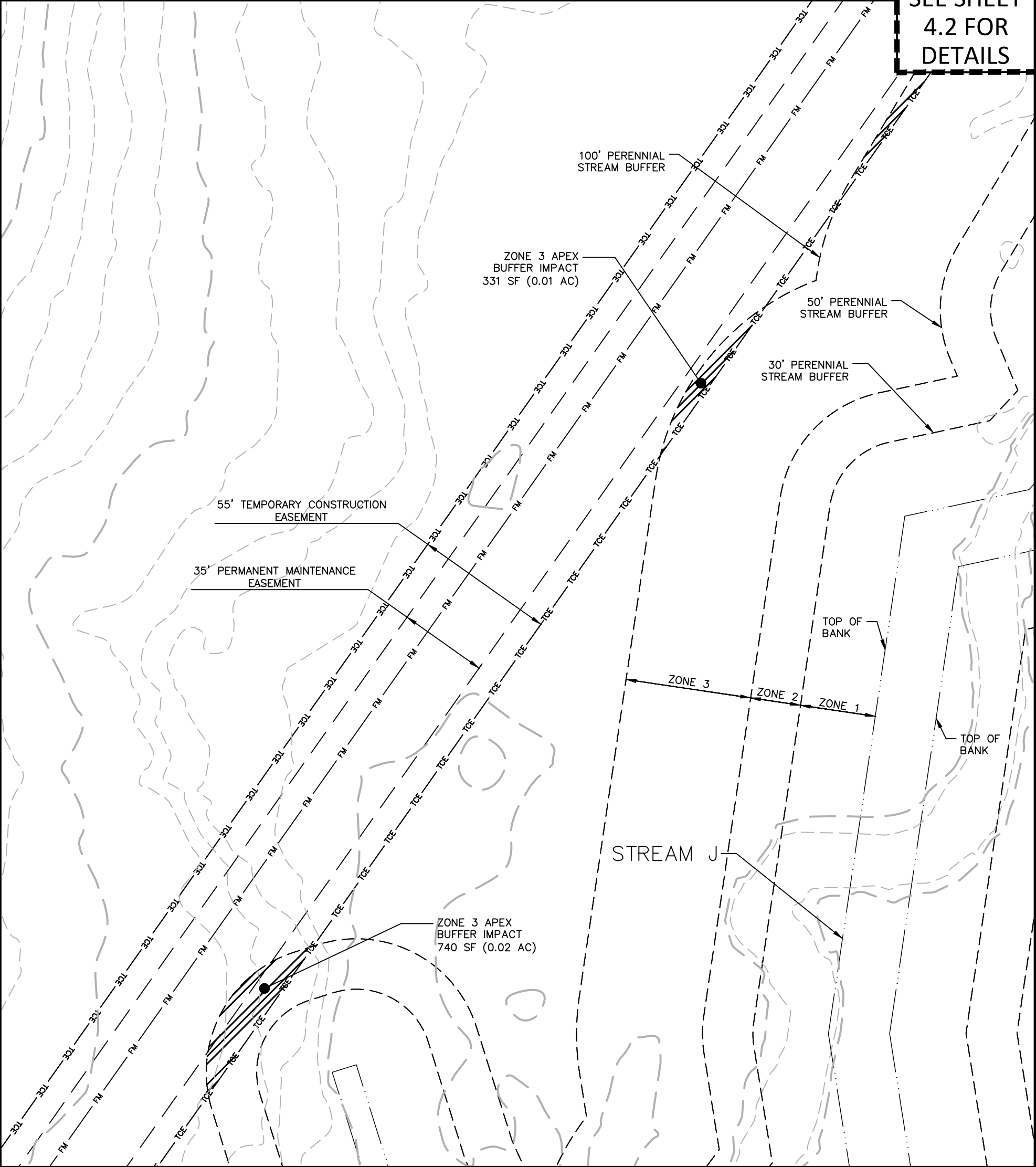


ZONE 3 APEX BUFFER IMPACT

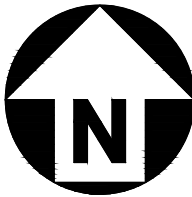
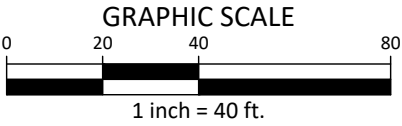


TEMPORARY WETLAND IMPACT

SEE SHEET
4.2 FOR
DETAILS



WETLAND & BUFFER IMPACT AREA MAP - AREA 4.3



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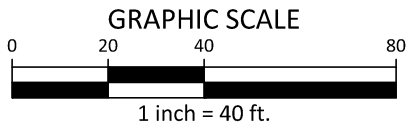
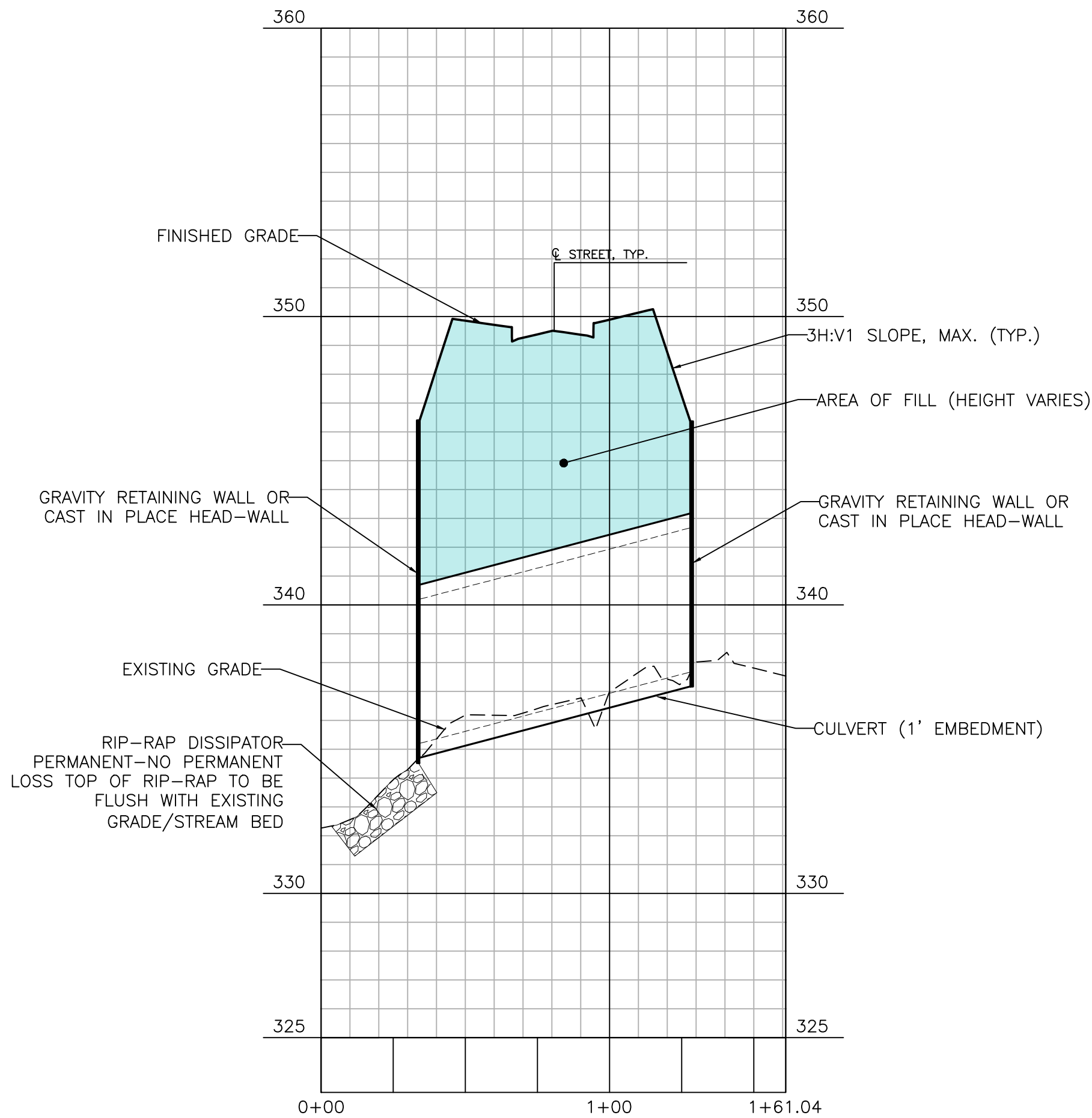
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STREAM CROSSING - TYPICAL SECTION



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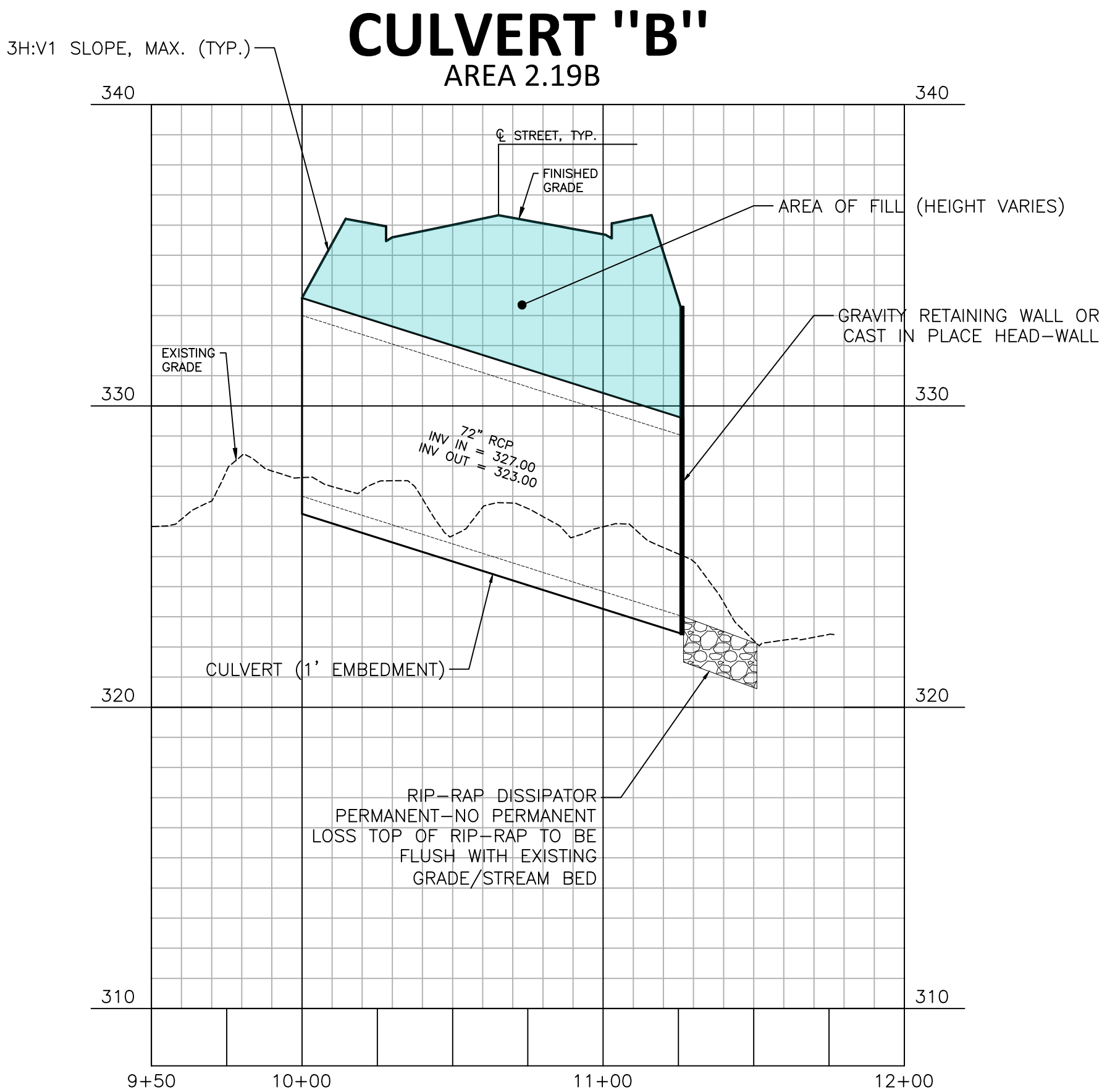
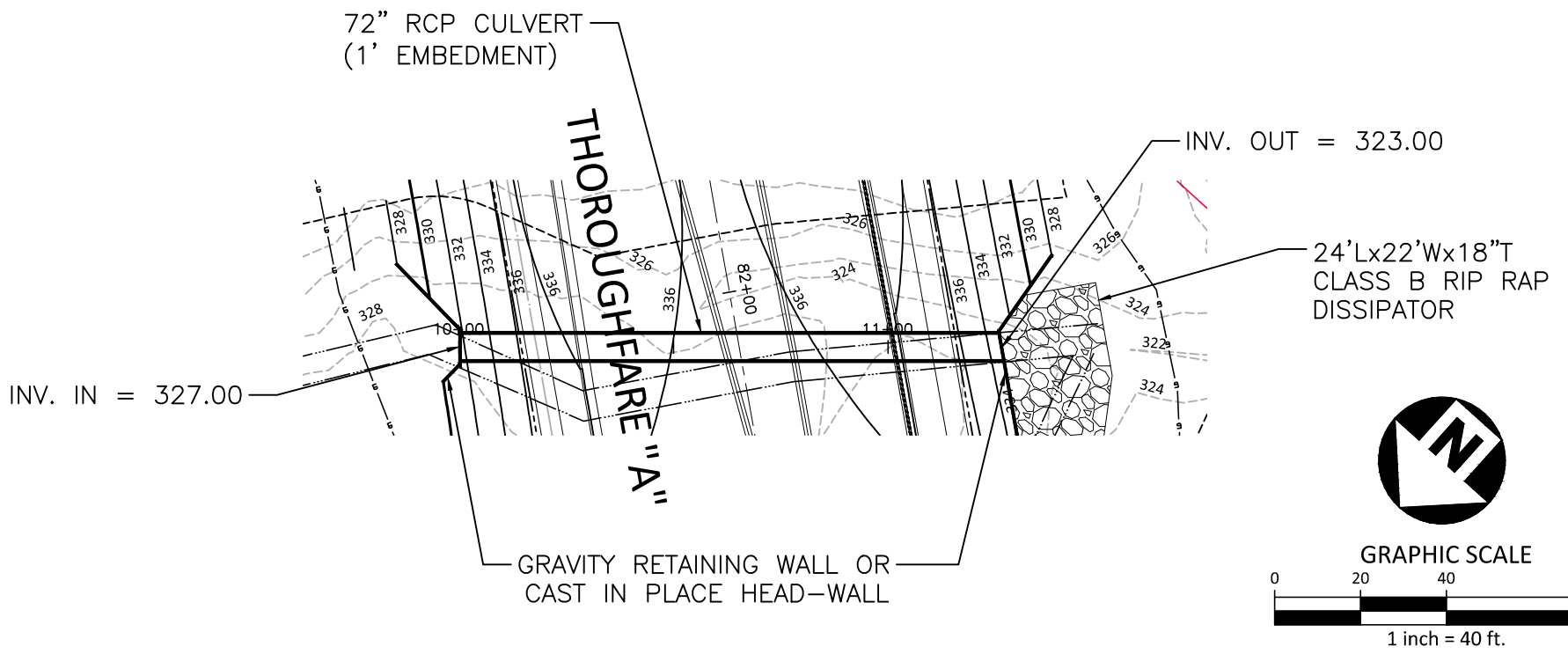
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SCALE	1"=40'
DATE	06. 21. 2022



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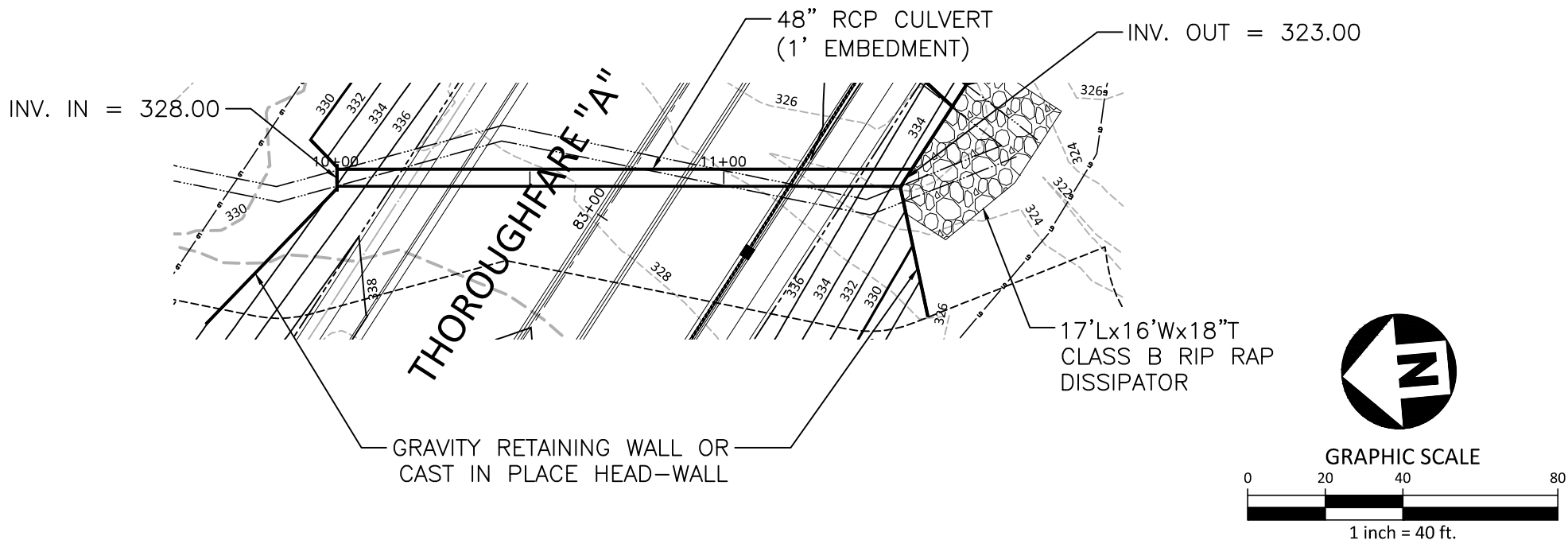
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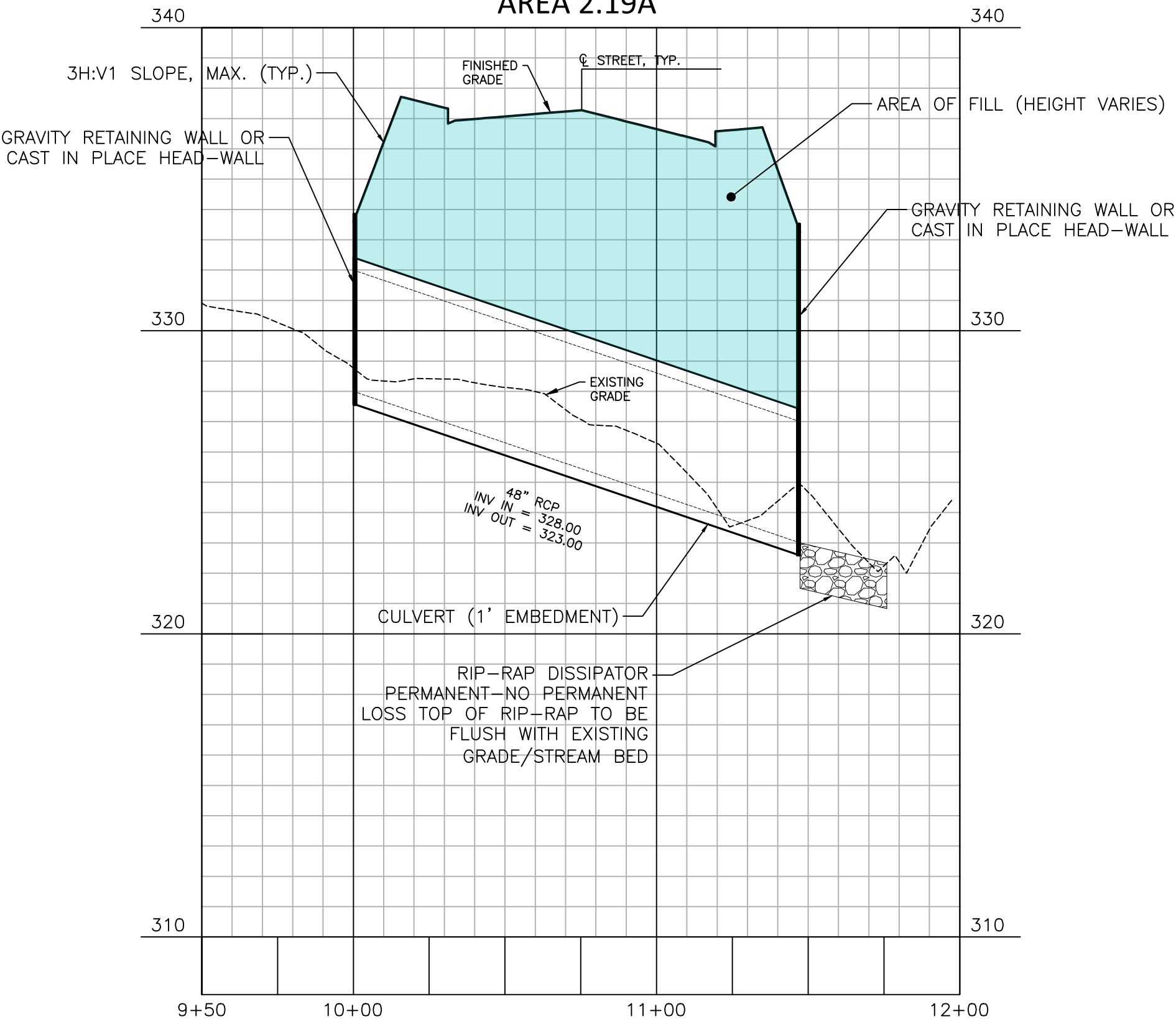
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0 HIGHWAY 55
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PLAN INFORMATION

PROJECT NO.	RXR-22001
FILENAME	RXR22001-IM1
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DRAWN BY	RAD
DATE	08. 19. 2022



CULVERT "C" AREA 2.19A



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PROJECT NO. RXR-22001
FILENAME RXR22001-IM1
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DATE 08. 08. 2022