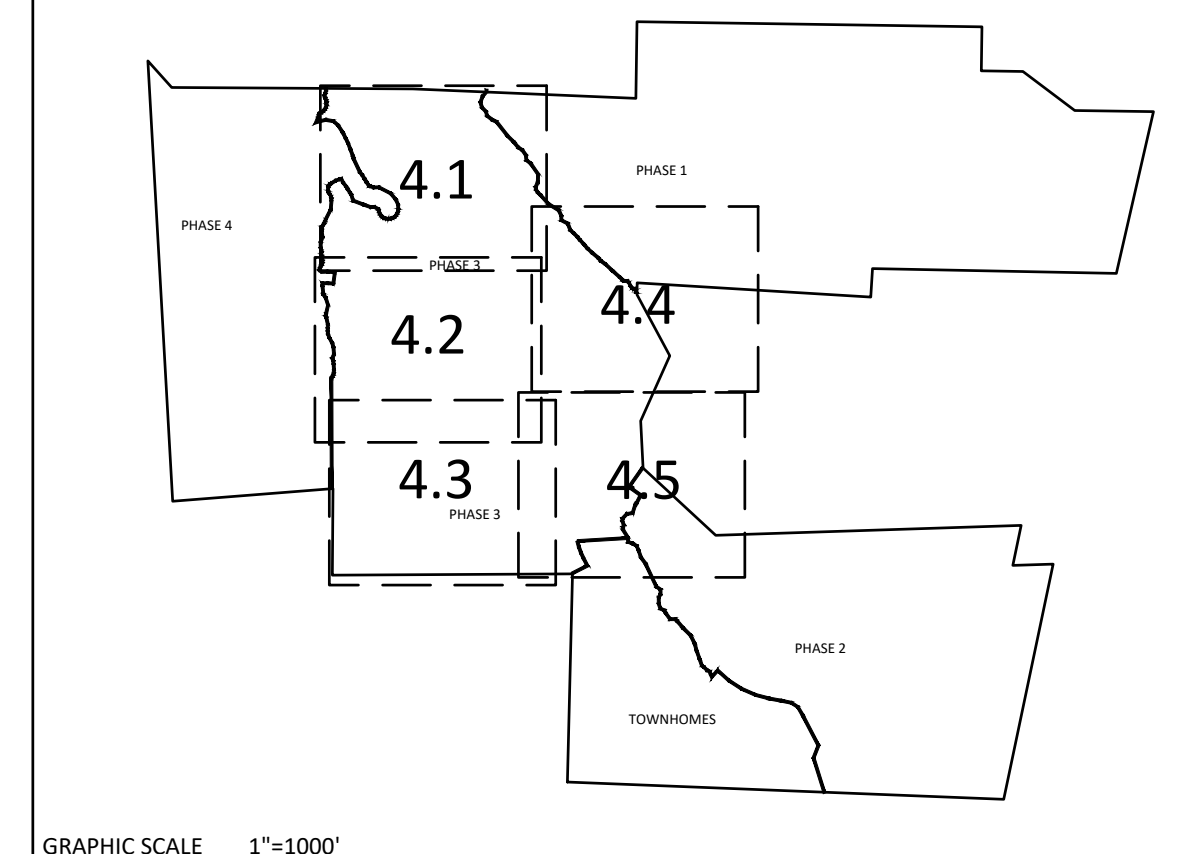


GRADING LEGEND	
	EXISTING TOPOGRAPHY
	EXISTING BOUNDARY
	EXISTING WETLANDS AREA
	EXISTING 50' NEUSE RIPERIAN BUFFER
	EXISTING BUFFER ZONES
	PROPOSED LOT LINE
	100 YEAR FLOOD EASEMENT
	BUILDING RESTRICTION LINE
	PROPOSED GREENWAY HATCHING
	PROPOSED ROW
	PROPOSED SIDEWALK
	PROPOSED BOC
	PROPOSED EOP
	PROPOSED CENTERLINE
	PROPOSED GRADING
	PROPOSED EASEMENT
	PHASELINE
	RIP RAP
	BASIN WEIR
	JUNCTION BOX
	PROPOSED CATCH BASIN
	PROPOSED YARD INLET
	PROPOSED DROP INLET
	PROPOSED FLARED END SECTION
	PROPOSED STORM WATER
	EXISTING PHASING
	FUTURE PHASING
	PROPOSED SWALE (AT TIME OF LOT GRADING)



Please review and adjust if this is a low point.

This has been corrected

Please review and adjust if this is a low point.

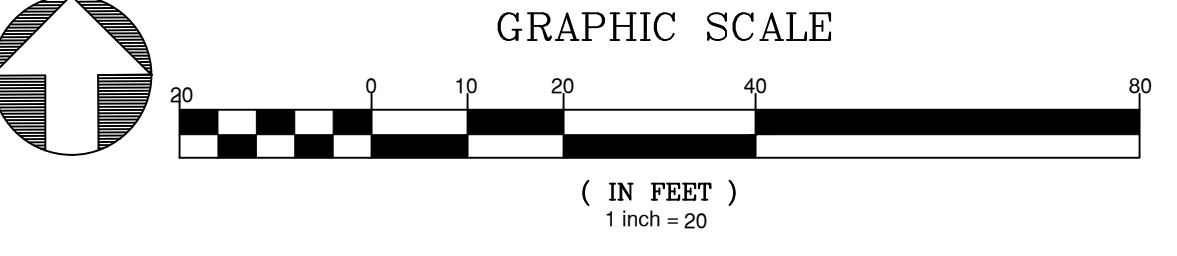
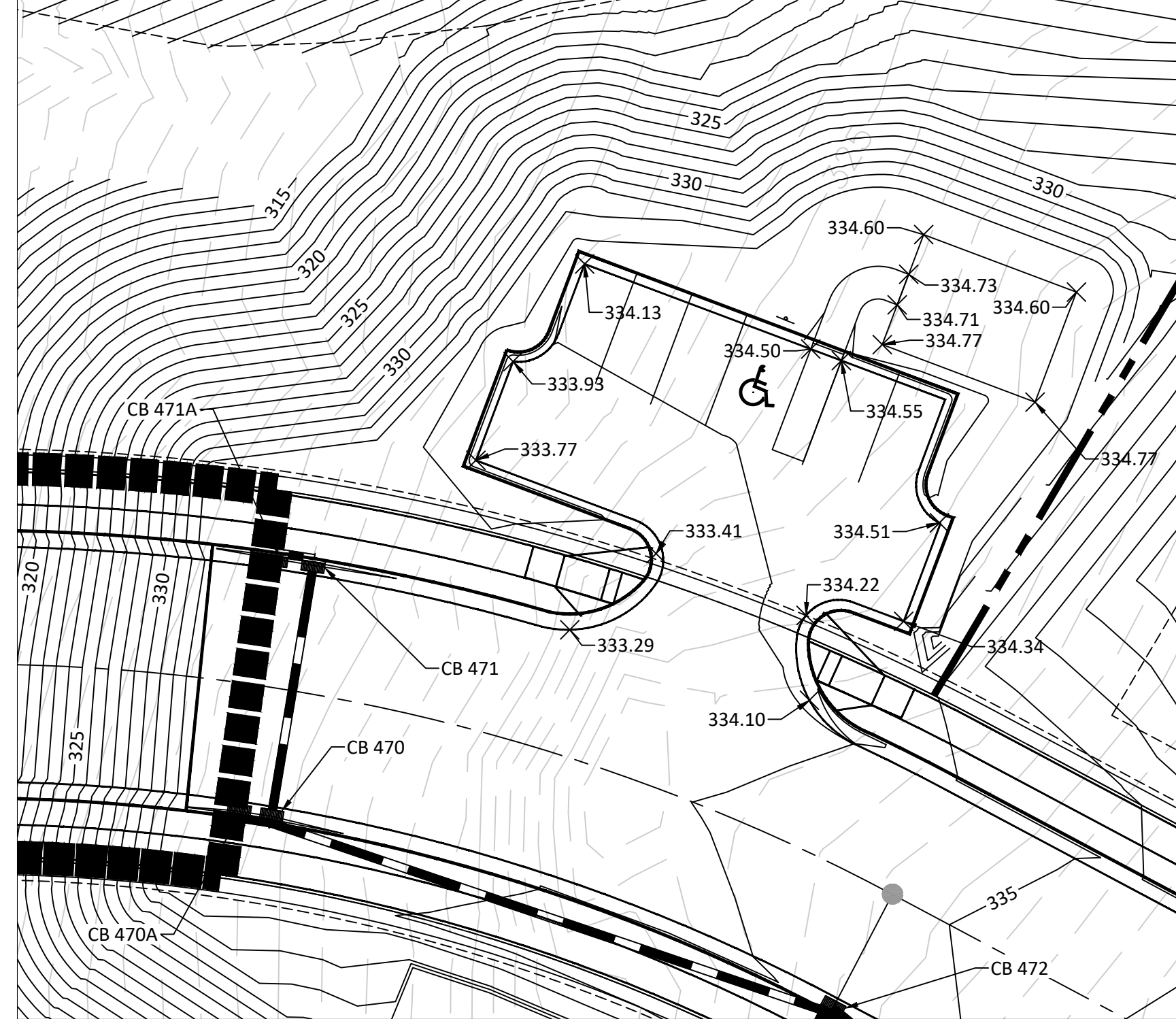
Review and adjust contours to allow 3:1 slopes

This has been corrected

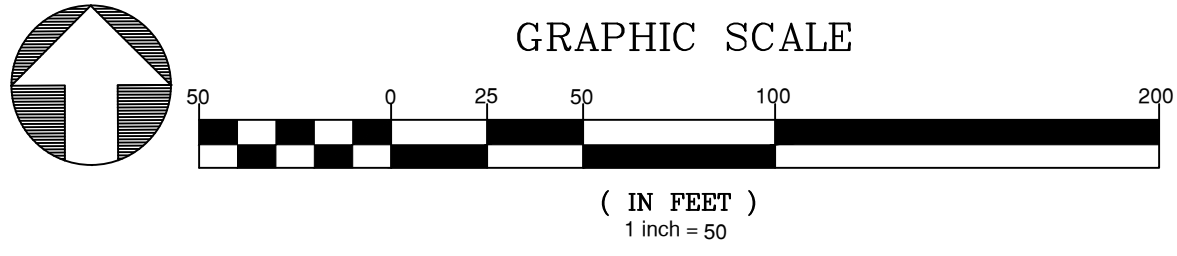
This has been corrected

Please review and adjust if this is a low point.

* LOTS SHOWN WITH AN ASTERISK MUST BE GRADED TO DRAIN TO REAR AWAY FROM ROAD EXCEPT ANY PORTION ALREADY DRAINING TOWARD ROAD DUE TO GRADING SHOWN ON THESE PLANS MAY CONTINUE



NOTE: REFER TO SHEET 3.2 FOR SWALE MATERIAL (RIPRAP/GRASS MAT)



AMERICAN Engineering
 American Engineering Associates - Southeast, P.A.
 4020 Westchase Boulevard, Suite 450
 Raleigh, NC 27607

PROFESSIONAL ENGINEER
 SEAL 9810
 JOHN R. HARRIS

NO.	DATE	REVISION
1	2/27/2024	AS REVIEW FROM TOWN OF ROLESVILLE, CONSULTANT
2	3/4/2024	REVISE COUNTY AND TOWN OF ROLESVILLE CONSULTANT COMMENTS
3	12/20/2023	CONSULTATION DRAWING COMMENT RESPONSES

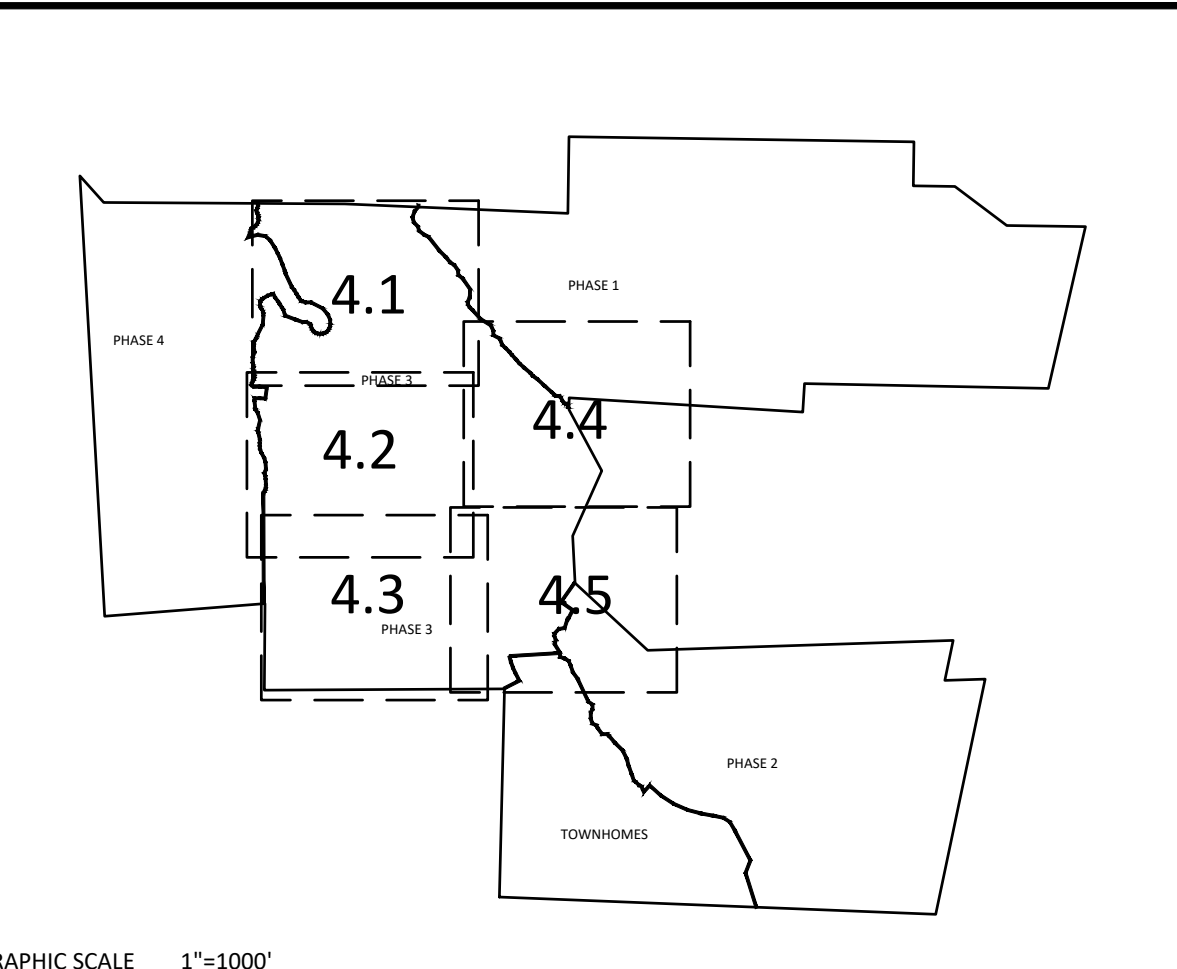
STIPULATION FOR REUSE
 THIS DRAWING WAS PREPARED FOR USE ON THE SPECIFIC SITE, NAMED HEREON, CONTEMPORANEOUSLY WITH ITS ISSUE DATE AS LISTED, HEREON, AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

KALAS FALLS PHASE 3
 1832 ROLESVILLE ROAD
 WAKE COUNTY, NC

JOB NUMBER: 9900
 CHECKED BY: BH/JH
 DRAWN BY: SM/MAL/ES/AHDH
 DATE: NOV 1, 2024
 SHEET TITLE:
PHASE 3 GRADING & DRAINAGE
 SHEET NO.:
4.2

North Carolina 811
 *** 3 Days Before Digging ***
 North Carolina 811
 811 or 1-800-632-4949
 Remote Ticket Entry
<http://nc811.org/remoteticketentry.htm>

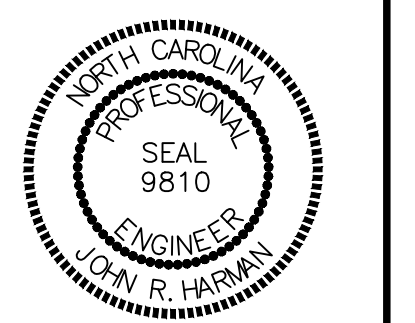
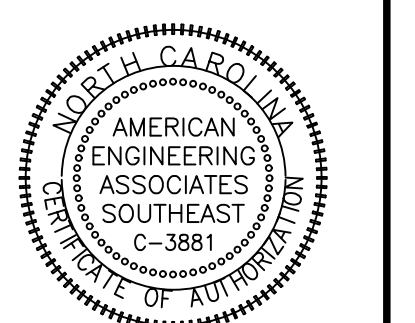
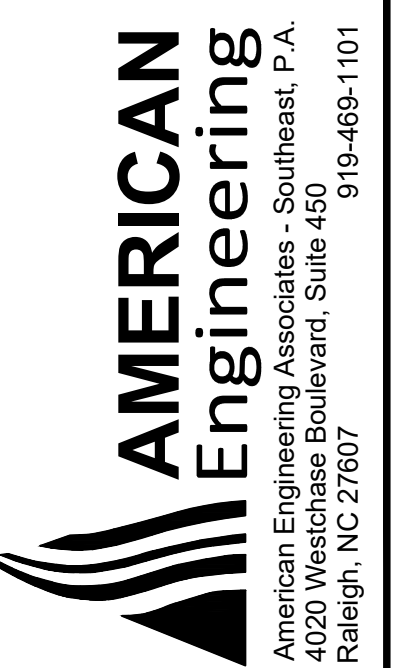
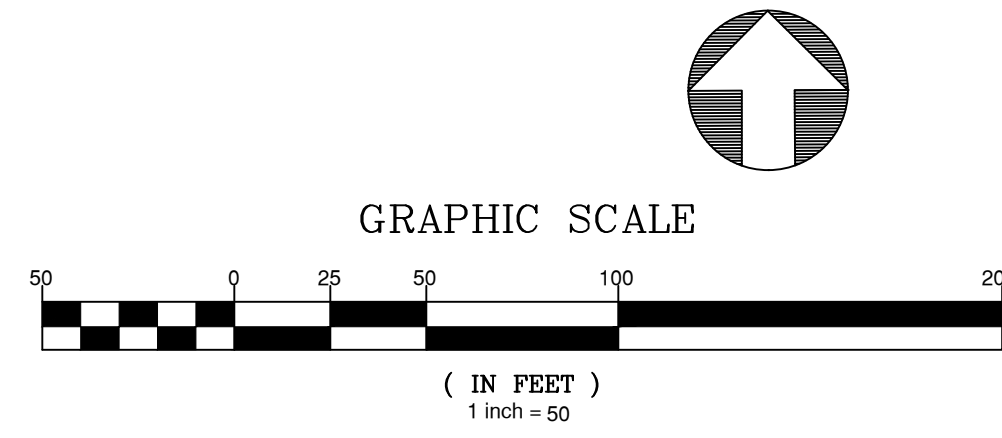
February 4, 2025
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*LOTS SHOWN WITH AN ASTERISK MUST BE GRADED TO DRAIN TO REAR AWAY FROM ROAD EXCEPT ANY PORTION ALREADY DRAINING TOWARD ROAD DUE TO GRADING SHOWN ON THESE PLANS MAY CONTINUE

GRADING LEGEND	
	EXISTING TOPOGRAPHY
	EXISTING BOUNDARY
	EXISTING WETLANDS AREA
	EXISTING 50' NEUSE RIPARIAN BUFFER
	EXISTING BUFFER ZONES
	PROPOSED LOT LINE
	100 YEAR FLOOD EASEMENT
	BUILDING RESTRICTION LINE
	PROPOSED GREENWAY HATCHING
	PROPOSED ROW
	PROPOSED SIDEWALK
	PROPOSED BOC
	PROPOSED EOP
	PROPOSED CENTERLINE
	PROPOSED GRADING
	PROPOSED EASEMENT
	PHASELINE
	RIP RAP
	BASIN WEIR
	JUNCTION BOX
	PROPOSED CATCH BASIN
	PROPOSED YARD INLET
	PROPOSED DROP INLET
	PROPOSED FLARED END SECTION
	PROPOSED STORM WATER
	EXISTING PHASING
	FUTURE PHASING
	PROPOSED SWALE (AT TIME OF LOT GRADING)

NOTE: REFER TO SHEET 3.2 FOR SWALE MATERIAL (RIPRAP/GRASS MAT)



NO.	DATE	REVISION
1	12/27/2024	AS REVIEW FROM TOWN OF ROLESVILLE, CONSULTANT
2	01/14/2025	AS REVIEW FROM TOWN OF ROLESVILLE CONSULTANT COMMENTS
3	11/07/2024	CONSTRUCTION DRAWING COMMENT RESPONSES

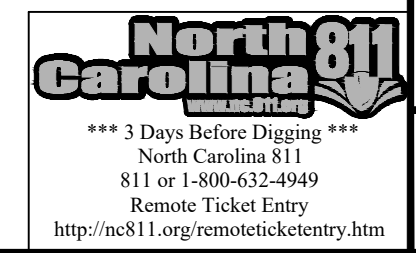
STIPULATION FOR REUSE
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**KALAS FALLS
 PHASE 3
 1832 ROLESVILLE ROAD
 WAKE COUNTY, NC**

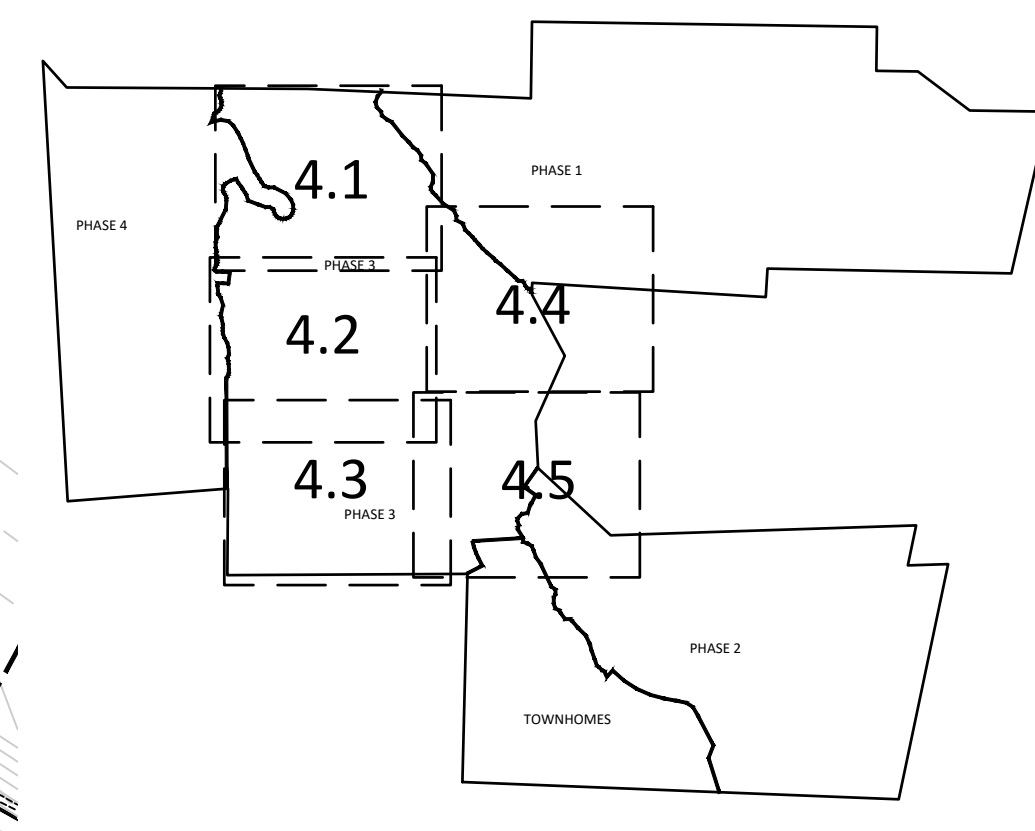
JOB NUMBER: 9900
 CHECKED BY: BH/JH
 DRAWN BY: SM/MALL/ES/AH/DH
 DATE: NOV 1, 2024

SHEET TITLE:
**PHASE 3
 GRADING &
 DRAINAGE**

SHEET NO.:
4.3



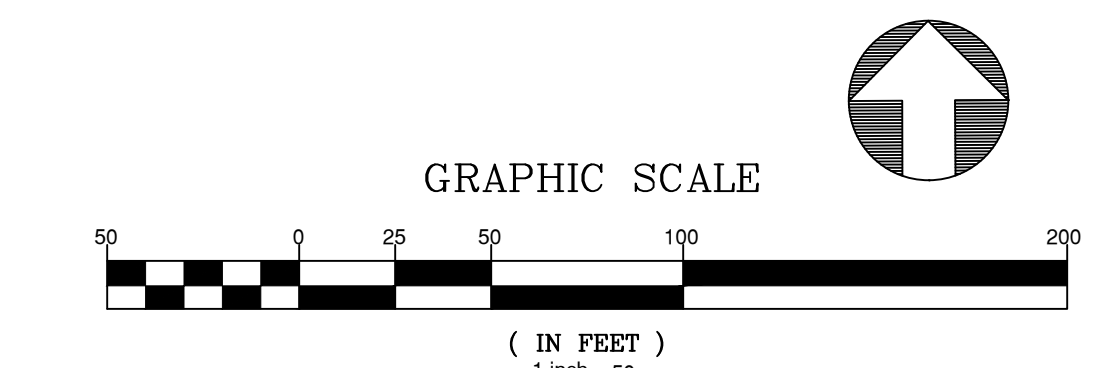
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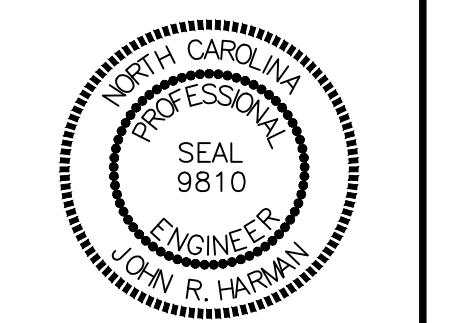
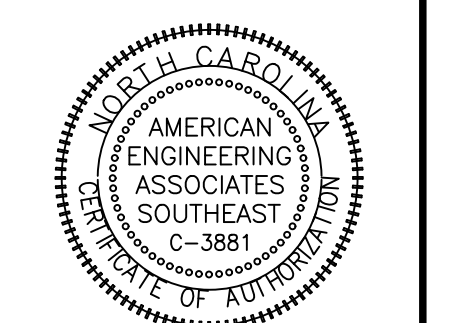
NOTE: THE 100 YEAR FLOOD-LINE AS ON THESE PLANS WERE TAKEN FROM THE FLOOD STUDY PREPARED BY DONLAD A SEVER, PE (024627) OF HUGH J. GILLECE, III AND ASSOCIATES, P.A.

GRADING LEGEND	
	EXISTING TOPOGRAPHY
	EXISTING BOUNDARY
	EXISTING WETLANDS AREA
	EXISTING 50' NEUSE RIPARIAN BUFFER ZONES
	PROPOSED LOT LINE
	100 YEAR FLOOD EASEMENT
	BUILDING RESTRICTION LINE
	PROPOSED GREENWAY HATCHING
	PROPOSED ROW
	PROPOSED SIDEWALK
	PROPOSED BOC
	PROPOSED EOP
	PROPOSED CENTERLINE
	PROPOSED GRADING
	PROPOSED EASEMENT
	PHASELINE
	RIP RAP
	BASIN WEIR
	JUNCTION BOX
	PROPOSED CATCH BASIN
	PROPOSED YARD INLET
	PROPOSED DROP INLET
	PROPOSED FLARED END SECTION
	PROPOSED STORM WATER
	EXISTING PHASING
	FUTURE PHASING
	PROPOSED SWALE (AT TIME OF LOT GRADING)

NOTE: REFER TO SHEET 3.2 FOR SWALE MATERIAL (RIPRAP/GRASS MAT)



BENNY L. MOODY
JEFFERY LYNN MOODY
ZONING: R-30
D.B. 14297, PG. 1583
B.M. 2016, PG. 38
B.M. 1986, PG. 968
B.M. 1928, PG. 142
PIN NO. 1767-01-28-4304
REAL ESTATE ID: 0048422



NO.	DATE	REVISION
1	12/27/2024	AS RECEIVED FROM TOWN OF ROLESVILLE. CONSULT PLAN.
2	01/24/2025	REVISED TO REFLECT COMMENTS FROM TOWN OF ROLESVILLE CONSULTING ENGINEERS.
3	10/29/2025	CONSULTATION DRAWING COMMENT RESPONSES

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON THE SPECIFIC SITE, NAMED HEREON, CONTEMPORANEOUSLY WITH ITS ISSUE DATE AS LISTED, HEREON, AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

KALAS FALLS PHASE 3
1832 ROLESVILLE ROAD
WAKE COUNTY, NC

JOB NUMBER: 9900
CHECKED BY: BH/JH
DRAWN BY: SMM/ALL/ES/AJH/DH

DATE: NOV 1, 2024

PHASE 3 GRADING & DRAINAGE

SHEET NO.: 4.4

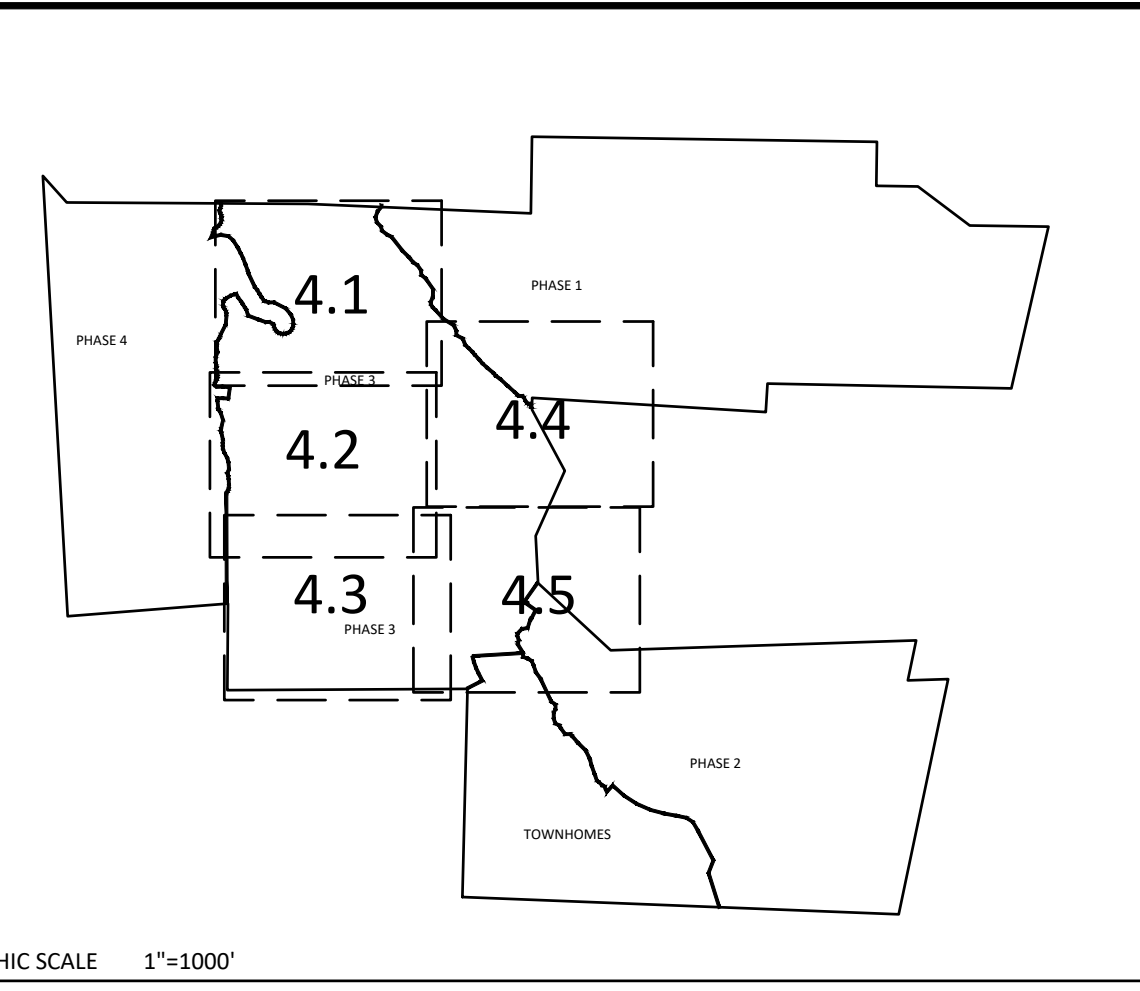
Z:\Users\mwood\My Documents\Projects\Phase 3\Drawings\Phase 3\Grading and Drainage.dwg February 4, 2025



This has been corrected
Please review and adjust if this is a low point.

BENNY L. MOODY
JEFFERY LYNN MOODY
ZONING: R-30
D.B. 14297, PG. 1583
B.M. 2016, PG. 38
B.M. 1986, PG. 968
B.M. 1928, PG. 142
PIN NO. 1767-01-28-4304
REAL ESTATE ID: 0048422

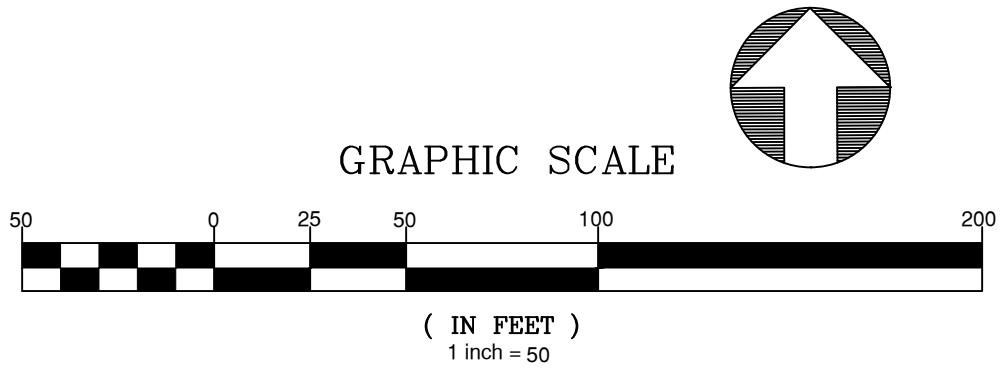
ANNIE H. MOODY
ZONING: R-30
D.B. 3750, PG. 587
B.M. 1986, PG. 862
PIN NO. 1767-01-06-9438



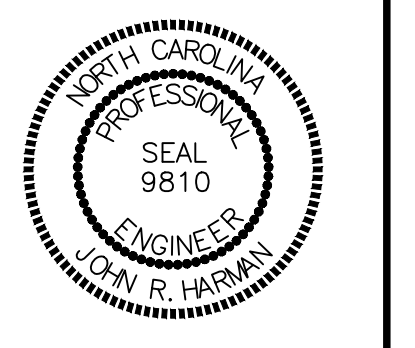
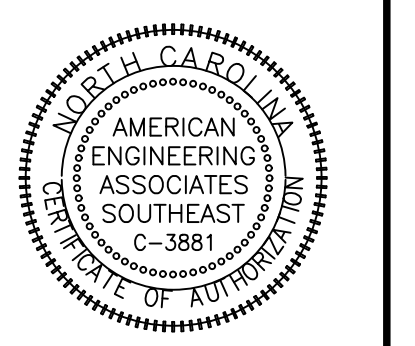
NOTE: THE 100 YEAR FLOOD-LINE AS ON THESE PLANS WERE TAKEN FROM THE FLOOD STUDY PREPARED BY DONLAD A SEVER, PE (024627) OF HUGH J. GILLECE, III AND ASSOCIATES, P.A.

GRADING LEGEND	
	EXISTING TOPOGRAPHY
	EXISTING BOUNDARY
	EXISTING WETLANDS AREA
	EXISTING 50' NEUSE RIPARIAN BUFFER
	EXISTING BUFFER ZONES
	PROPOSED LOT LINE
	100 YEAR FLOOD EASEMENT
	BUILDING RESTRICTION LINE
	PROPOSED DRIVEWAY HATCHING
	PROPOSED ROW
	PROPOSED SIDEWALK
	PROPOSED EOP
	PROPOSED CENTERLINE
	PROPOSED GRADING
	PROPOSED EASEMENT
	PHASELINE
	RIP RAP
	BASIN WEIR
	JUNCTION BOX
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	PROPOSED FLARED END SECTION
	PROPOSED STORM WATER
	EXISTING PHASING
	FUTURE PHASING
	PROPOSED SWALE (AT TIME OF LOT GRADING)

NOTE: REFER TO SHEET 3.2 FOR SWALE MATERIAL (RIPRAP/GRASS MAT)



AMERICAN Engineering
American Engineering Associates - Southeast, P.A.
4020 Westchase Boulevard, Suite 450
Raleigh, NC 27607
919-469-1101



NO.	DATE	REVISION
1	12/27/2024	AS REVISED FROM TOWN OF ROLESVILLE, CONSULTANT
2	01/14/2025	AS REVISED FROM TOWN OF ROLESVILLE, CONSULTANT
3	11/07/2024	REVISIONS TO DRAWING COMMENT RESPONSES

STIPULATION FOR REUSE
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KALAS FALLS PHASE 3
1832 ROLESVILLE ROAD
WAKE COUNTY, NC

JOB NUMBER: 9900
CHECKED BY: BH/JH
DRAWN BY: SM/MAL/ES/AH/DH
DATE: NOV 1, 2024
PHASE 3 GRADING & DRAINAGE
SHEET NO.: 4.5



Z:\Users\moodyb\Working\Drawings\Phase 3\Drawings\Phase 3\Grading and Drainage.dwg