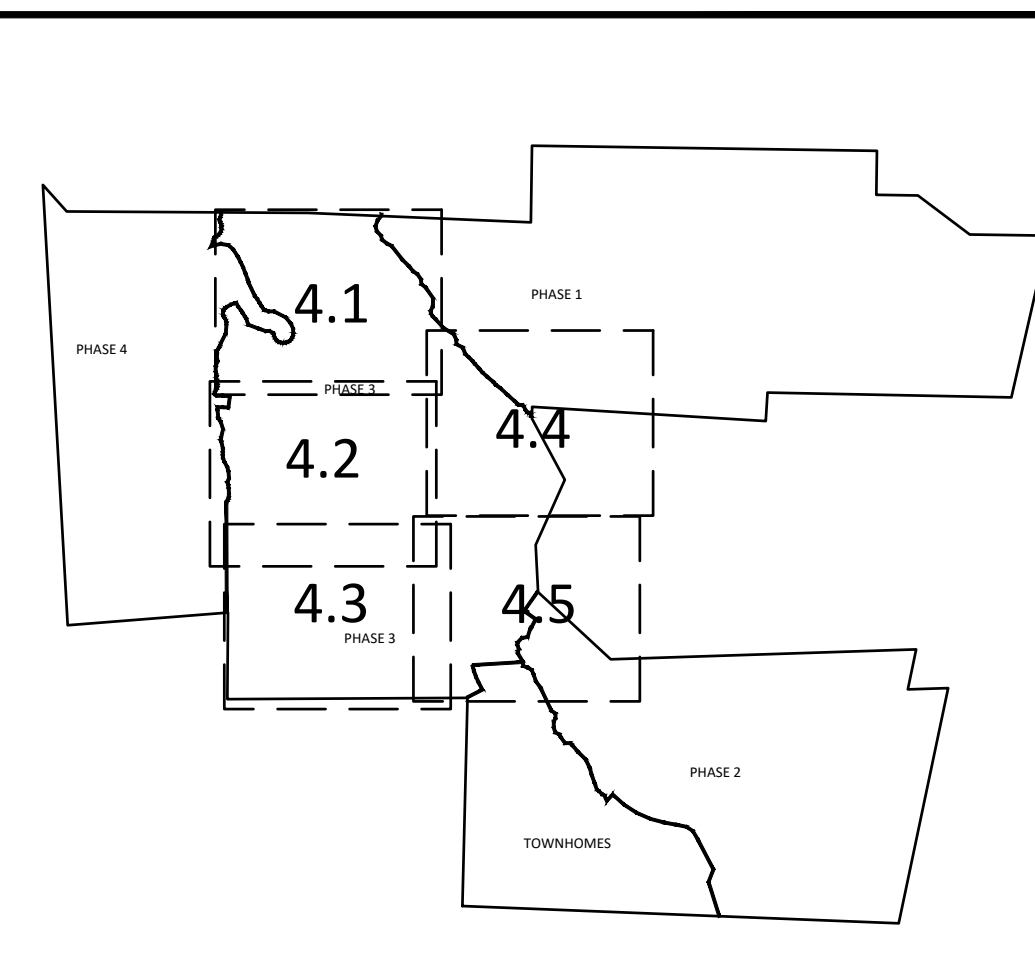
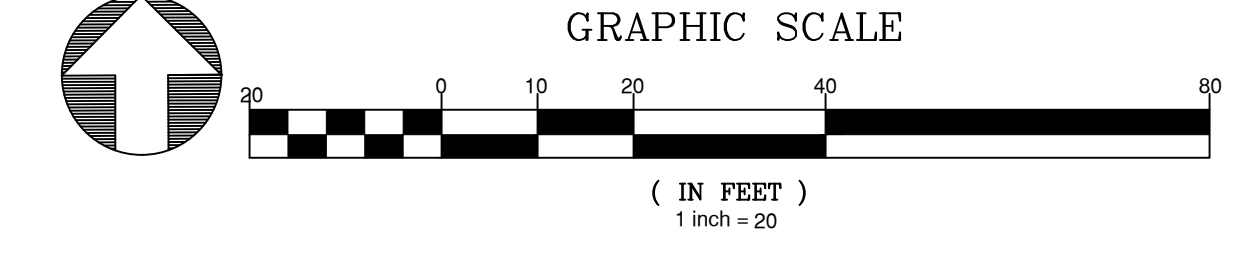
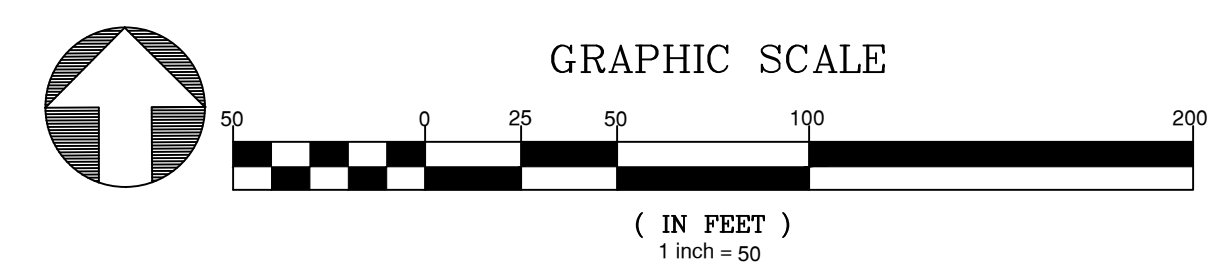
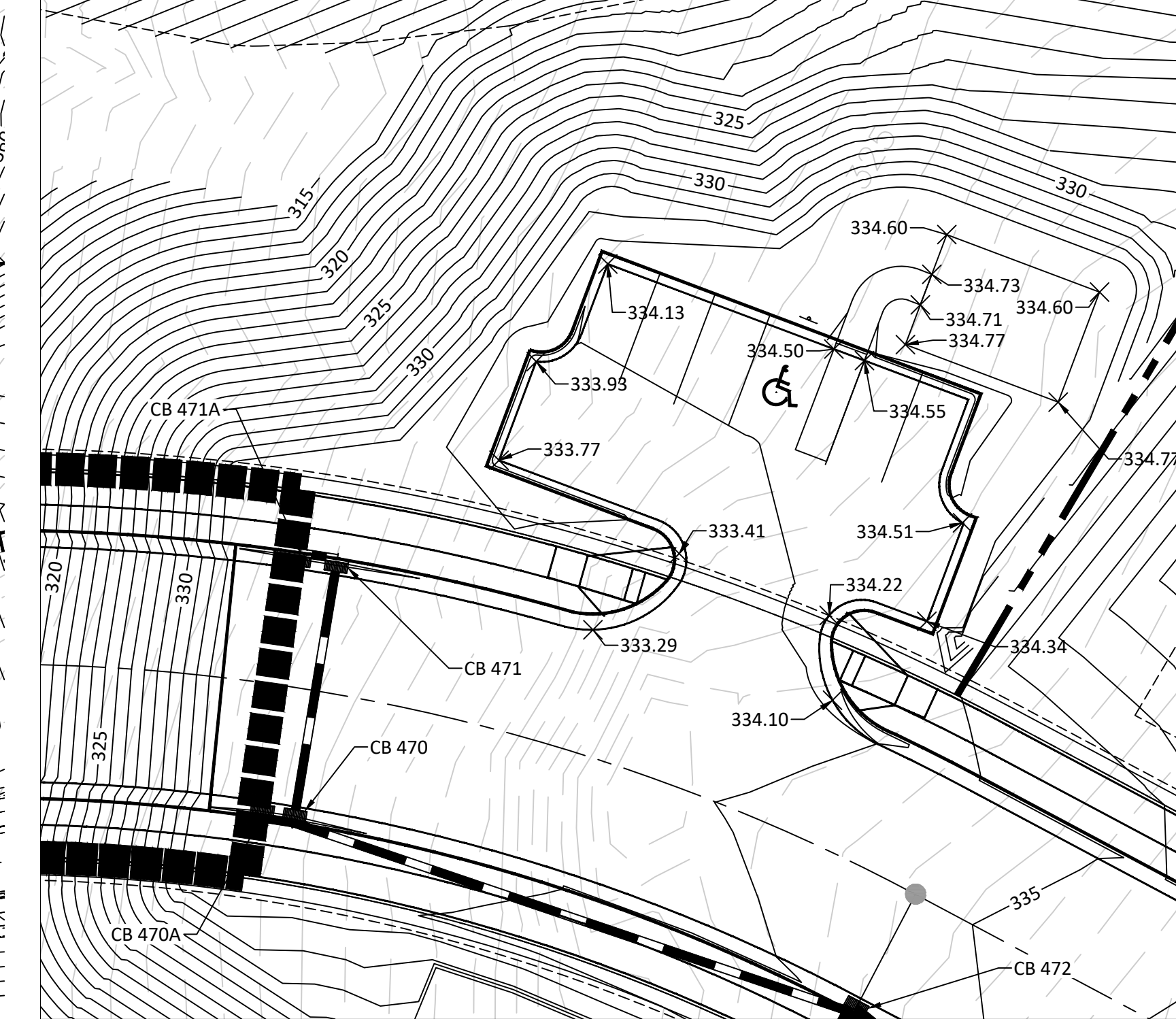


GRADING LEGEND	
[Symbol]	EXISTING TOPOGRAPHY
[Symbol]	EXISTING BOUNDARY
[Symbol]	EXISTING WETLANDS AREA
[Symbol]	EXISTING 50' NEUSE RIPARIAN BUFFER
[Symbol]	EXISTING BUFFER ZONES
[Symbol]	PROPOSED LOT LINE
[Symbol]	100 YEAR FLOOD EASEMENT
[Symbol]	BUILDING RESTRICTION LINE
[Symbol]	PROPOSED GREENWAY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

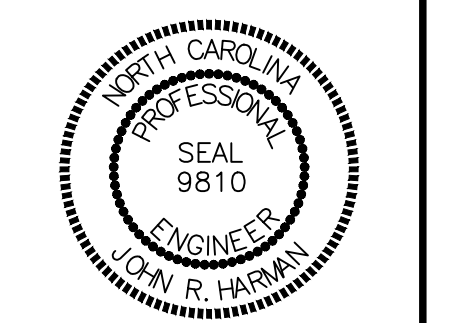
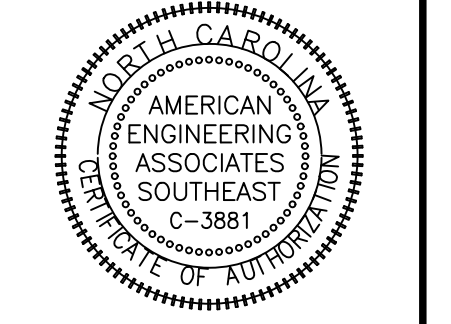


\* LOTS SHOWN WITH AN ASTERISK MUST BE GRADED TO DRAIN TO REAR AWAY FROM ROAD EXCEPT ANY PORTION ALREADY DRAINING TOWARD ROAD DUE TO GRADING SHOWN ON THESE PLANS MAY CONTINUE



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

February 4, 2025  
Z:\Projects\2025\Projects\Phase 3\Phase 3\Grading and Drainage.dwg



NO.	DATE	REVISION
1	12/27/2024	AS REVISED FROM TOWN OF ROLESVILLE CONSULTANTS
2	01/14/2025	FOR COUNTY AND TOWN OF ROLESVILLE CONSULTANT COMMENTS
3	12/27/2025	CONSTRUCTION DRAWING COMMENT RESPONSES

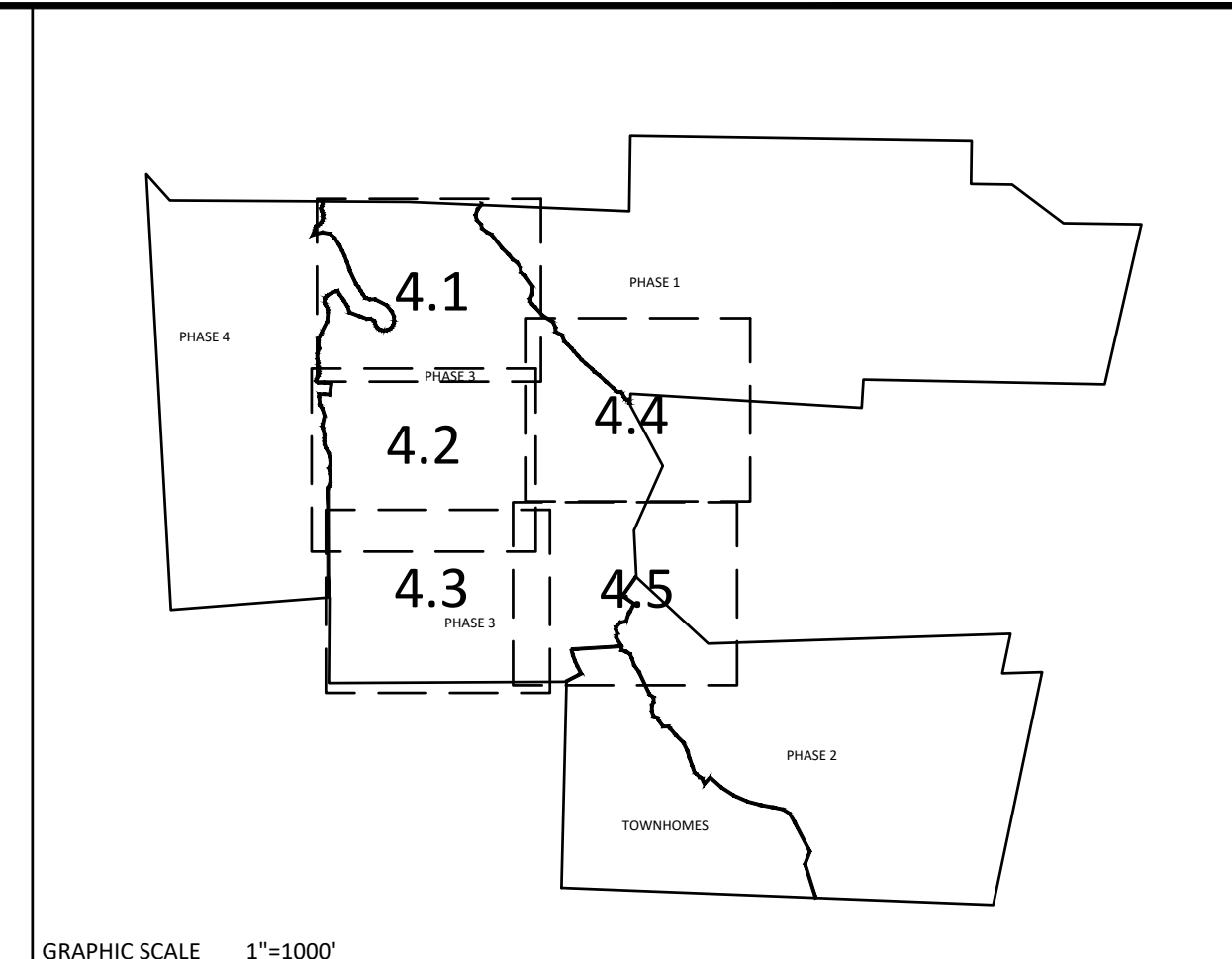
**STIPULATION FOR REUSE**  
THIS DRAWING WAS PREPARED FOR USE ON THE SPECIFIC SITE NAMED HEREON. IT IS NOT TO BE USED ON ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF AMERICAN ENGINEERING ASSOCIATES. ANY REUSE OF THIS DRAWING FOR REFERENCE OR OTHERWISE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR USE 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/MA/LE/AH/DH
DATE:	NOV 1, 2024
SHEET TITLE:	PHASE 3 GRADING & DRAINAGE
SHEET NO.:	4.2



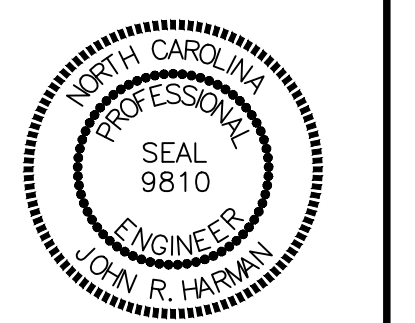
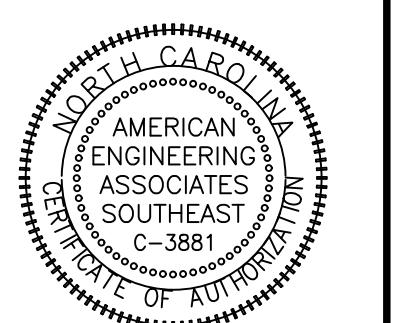
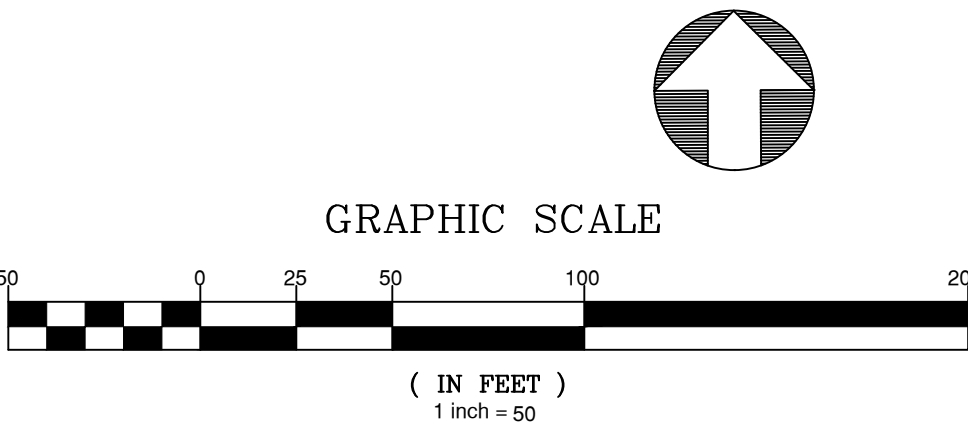




\*LOTS SHOWN WITH AN ASTERISK MUST BE GRADED TO DRAIN TO REAR AWAY FROM ROAD EXCEPT ANY PORTION ALREADY DRAINING TOWARD ROAD DUE TO GRADING SHOWN ON THESE PLANS MAY CONTINUE

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)

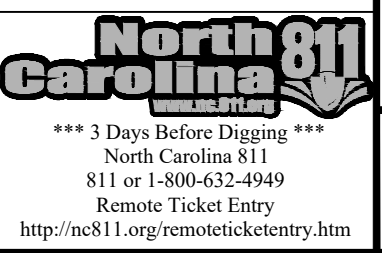


NO.	DATE	REVISION
1	12/27/2024	AS REVIEW FROM TOWN OF ROLESVILLE, CONSULTANT
2	01/14/2025	AS REVIEW FROM TOWN OF ROLESVILLE CONSULTANT
3	12/27/2024	CONSULTANT DRAWING COMMENT RESPONSES

**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.

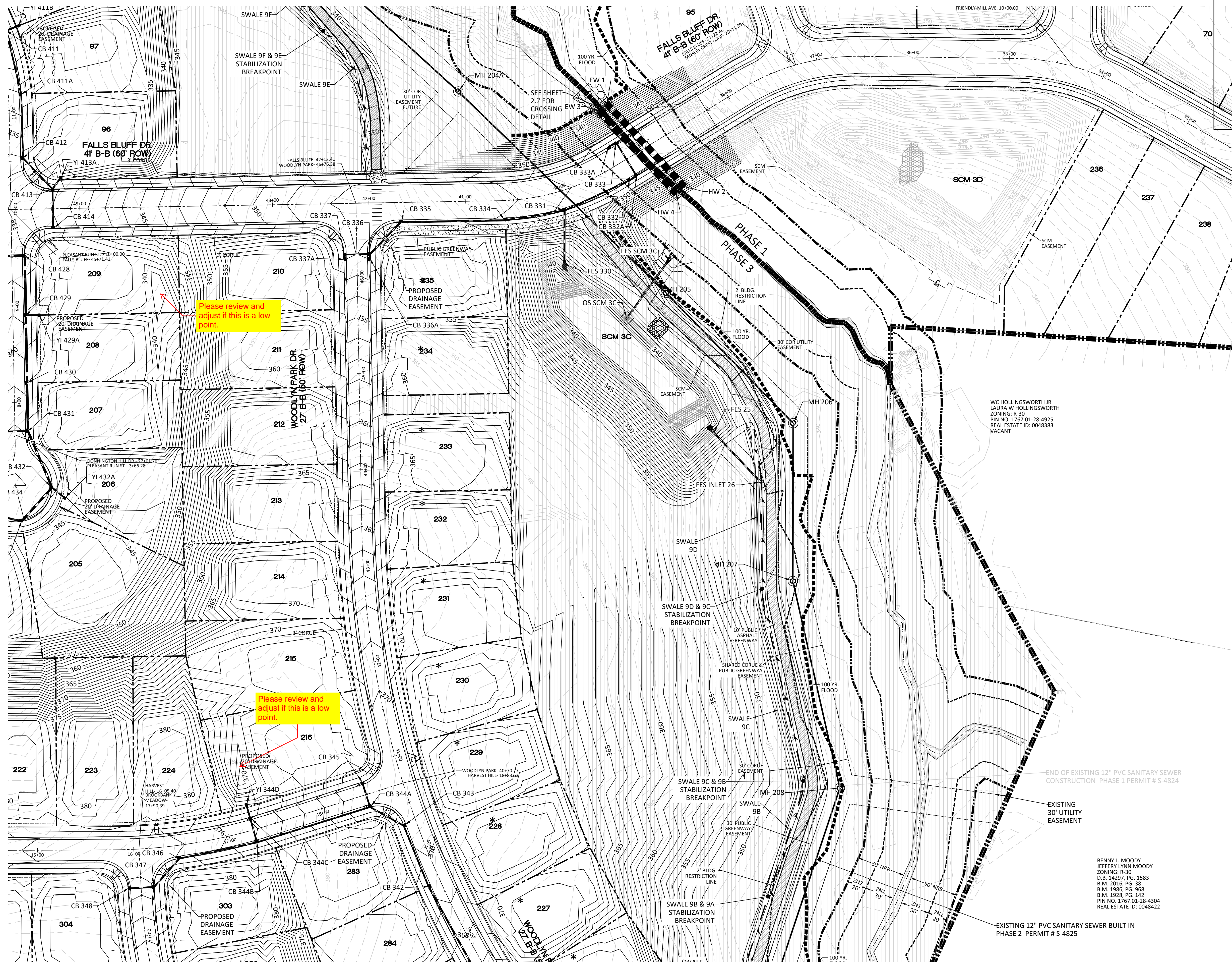
**KALAS FALLS  
 PHASE 3  
 1832 ROLESVILLE ROAD  
 WAKE COUNTY, NC**

JOB NUMBER: 9900  
 CHECKED BY: BH/JH  
 DRAWN BY: SM/MALL/ES/AH/DH  
 DATE: NOV 1, 2024  
 SHEET TITLE:  
**PHASE 3  
 GRADING &  
 DRAINAGE**  
 SHEET NO.:  
**4.3**



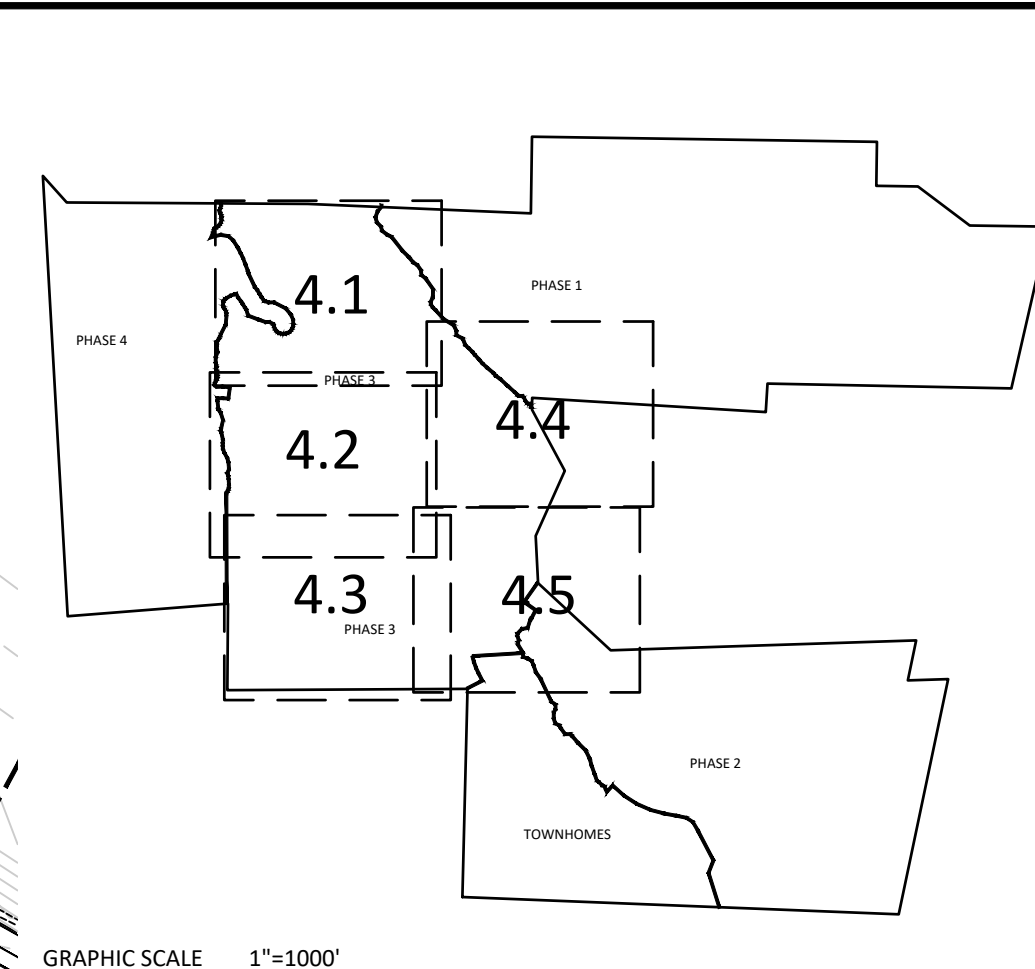
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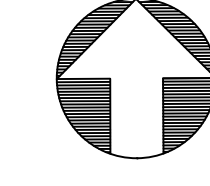
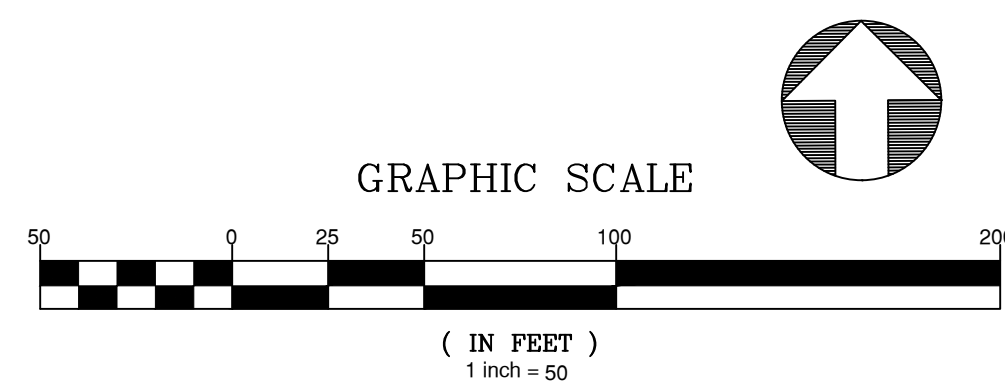
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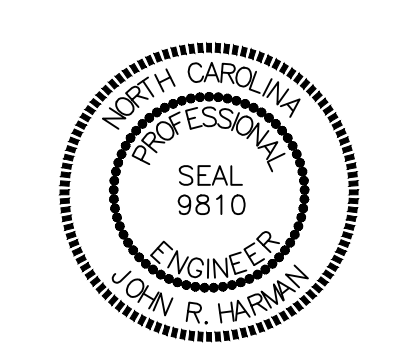
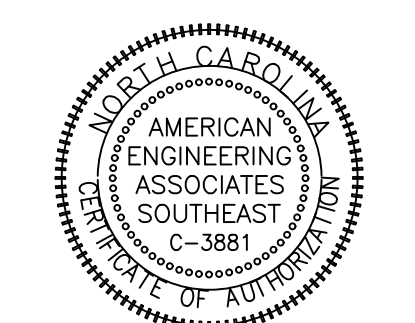
NOTE: THE 100 YEAR FLOOD-LINE AS ON THESE PLANS WERE TAKEN FROM THE FLOOD STUDY PREPARED BY DONLAD A SEVER, PE (024627) OF HUGH J. GILLECE, III AND ASSOCIATES, P.A.

GRADING LEGEND	
(Symbol)	EXISTING TOPOGRAPHY
(Symbol)	EXISTING BOUNDARY
(Symbol)	EXISTING WETLANDS AREA
(Symbol)	EXISTING 50' NEUSE RIPERIAN BUFFER
(Symbol)	EXISTING BUFFER ZONES
(Symbol)	PROPOSED LOT LINE
(Symbol)	100 YEAR FLOOD EASEMENT
(Symbol)	BUILDING RESTRICTION LINE
(Symbol)	PROPOSED GREENWAY HATCHING
(Symbol)	PROPOSED ROW
(Symbol)	PROPOSED SIDEWALK
(Symbol)	PROPOSED BOC
(Symbol)	PROPOSED EOP
(Symbol)	PROPOSED CENTERLINE
(Symbol)	PROPOSED GRADING
(Symbol)	PROPOSED EASEMENT
(Symbol)	PHASELINE
(Symbol)	RIP RAP
(Symbol)	BASIN WEIR
(Symbol)	JUNCTION BOX
(Symbol)	PROPOSED CATCH BASIN
(Symbol)	PROPOSED YARD INLET
(Symbol)	PROPOSED DROP INLET
(Symbol)	PROPOSED FLARED END SECTION
(Symbol)	PROPOSED STORM WATER
(Symbol)	EXISTING PHASING
(Symbol)	FUTURE PHASING
(Symbol)	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	1/27/2025	REVISED FROM TOWN OF ROLESVILLE, CONSULTANT
2	2/3/2025	REVISED FROM TOWN OF ROLESVILLE CONSULTANT COMMENTS
3	10/27/2025	CONSULTANT 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/AJ/DH

DATE: NOV 1, 2024

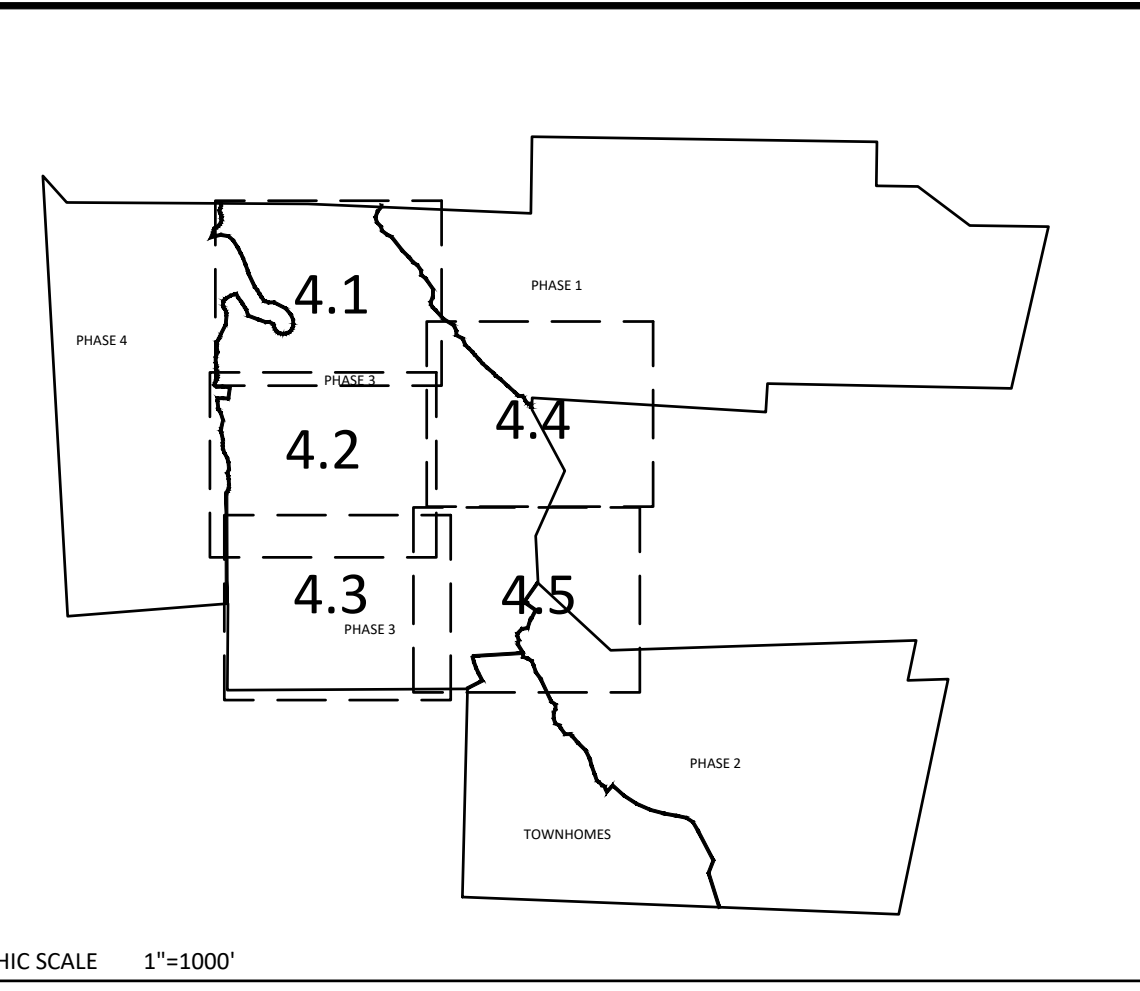
**PHASE 3  
GRADING &  
DRAINAGE**

SHEET NO.: 4.4





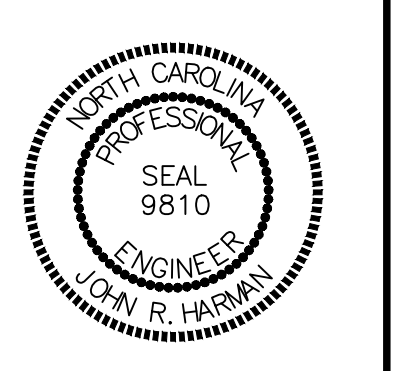
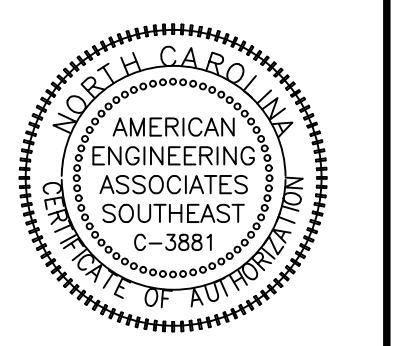
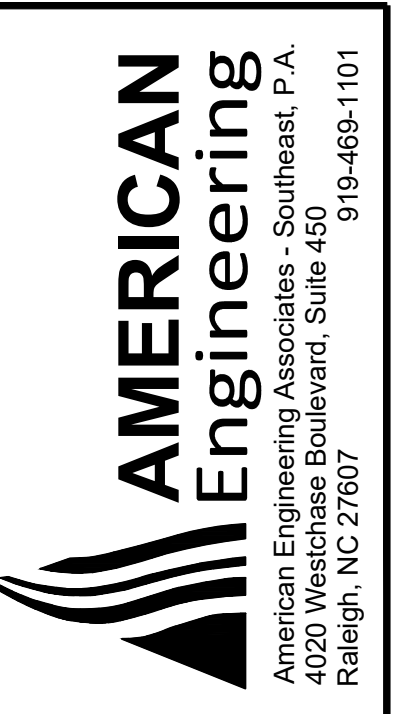
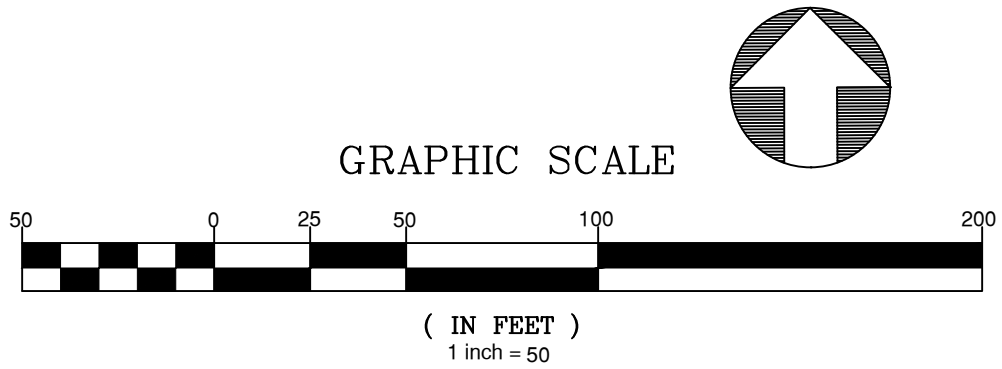
Please review and adjust if this is a low point.



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 GREENWAY HATCHING
	PROPOSED ROW
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	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	12/02/2021	AS REVIEWED BY TOWN OF ROLESVILLE. CONSULT PARTY.
2	01/24/2024	AS REVIEWED AND DRAFTED BY TOWN OF ROLESVILLE.
3	11/07/2024	REVIEW OF ROLESVILLE CONSULT TOWN COMMENTS. CONSULT 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:	<b>PHASE 3 GRADING &amp; DRAINAGE</b>
SHEET NO.:	<b>4.5</b>

