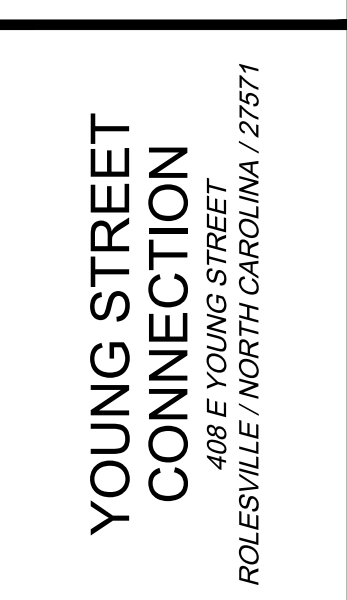


408 E YOUNG STREET
ROLESVILLE, WAKE COUNTY, NORTH CAROLINA


BGE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BGEINC.COM
NC LICENSE #C-4397 ©2023

PUBLIC IMPROVEMENT QUANTITY TABLE			
PHASE NUMBER	PHASE 1	PUBLIC SEWER (LF)	145
NUMBER OF LOTS	2	PUBLIC STREET (LF) - FULL	1359
LOT NUMBER BY PHASE		PUBLIC STREET (LF) - PARTIAL	0
NUMBER OF UNITS	0	PUBLIC SIDEWALK (LF) - FULL	2676
LIVABLE BUILDINGS	0	PUBLIC SIDEWALK (LF) - PARTIAL	0
NUMBER OF OPEN SPACE LOTS	0	WATER SERVICE STUBS	0
PUBLIC WATER (LF)	1333	SEWER SERVICE STUBS	0


**LENNAR
CORPORATION**
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560



COVER SHEET



 NOT FOR CONSTRUCTION
 FILE NUMBER: 8430-03
 DATE: 10/09/2023
 C0-0



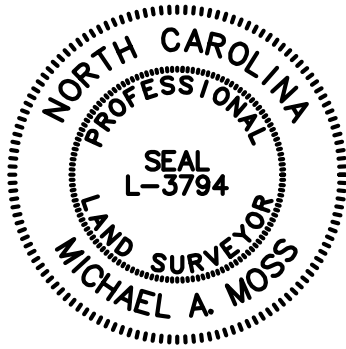
Know what's below.
Call before you dig.

I, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY PERFORMED UNDER MY SUPERVISION FROM REFERENCES AS NOTED HERE ON; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION SHOWN IN THE REFERENCES, THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS GREATER THAN 1:10000; THIS SURVEY IS NOT TO BE RECORDED WITHOUT THE WRITTEN CONSENT OF THE SURVEYOR.

Michael A. Moss

3/18/2021

PROFESSIONAL LAND SURVEYOR LICENSE NUMBER L-3794



VICINITY MAP

LINE TABLE		
LINE	BEARING	DISTANCE
L-1	S 17°44'29" E	124.25'
L-2	S 32°50'04" E	98.81'
L-3	S 31°56'26" E	128.00'
L-4	S 32°50'04" E	125.00'
L-5	N 57°40'25" E	41.71'
L-6	N 57°53'03" E	119.63'
L-7	N 57°28'44" E	139.98'
L-8	N 57°26'23" E	170.00'
L-9	N 57°23'07" E	62.38'
L-10	N 57°35'22" E	57.66'
L-11	N 57°22'32" E	119.17'

LEGEND:

EIP - EXISTING IRON PIPE
EIB - EXISTING IRON BAR
BEIP - BENT IRON PIPE
BEIB - BENT IRON BAR
CM - CONCRETE MONUMENT
EPK - EXISTING PK NAIL
SPK - SET PK NAIL
NIP - NEW IRON PIPE SET
R/W - RIGHT OF WAY
CATV - CABLE TV BOX
EB - ELECTRIC BOX
TEL - TELEPHONE PEDESTAL
PP - POWER POLE
OHL - OVERHEAD LINE
LP - LIGHT POLE
WM - WATER METER
WV - WATER VALVE
CO - SEWER CLEAN-OUT
CB - CONCRETE
CB - CATCH BASIN
MH - MANHOLE
FH - FIRE HYDRANT
- ADDRESS

TOPOGRAPHIC SURVEY FOR

DONNIE WOODLIEF

406 EAST YOUNG STREET
OWNERS: DONNIE LEE WOODLIEF
& PATSY EDDINS WOODLIEF
REF: D.B. 13036, PAGE 789
REF: B.M. 2008, PAGE 651

408 EAST YOUNG STREET
OWNER: DONNIE L. WOODLIEF
REF: D.B. 2906, PAGE 75

Ø EAST YOUNG STREET
OWNERS: DONNIE L. WOODLIEF
& PATSY E. WOODLIEF
REF: D.B. 2709, PAGE 910

TOWN OF ROLESVILLE
WAKE COUNTY, NORTH CAROLINA



SCALE 1"=100'

MARCH 4, 2021

ZONED R-1

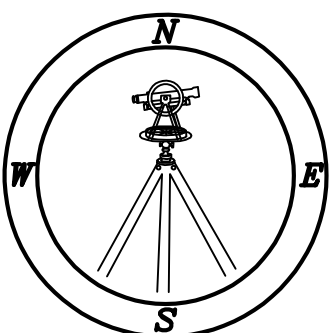
PIN #1769.17-10-2240
PIN #1768.05-09-8727
PIN #1768.05-09-4465
PIN #1769.17-10-1402

NOTES:

- THIS PLAT SUBJECT TO ALL EASEMENTS, AGREEMENTS AND RIGHTS OF WAY OF RECORD PRIOR TO THE DATE OF THIS PLAT.
- UNDERGROUND UTILITIES HAVE BEEN MARKED OR LOCATED FOR THIS PLAT.
- ALL BEARINGS AND DISTANCES ARE HORIZONTAL GROUND MEASUREMENTS
- ALL ELEVATIONS ARE BASED ON NAVD 88
- ALL CONTOURS ARE AT 1' INTERVALS HIGHLIGHTED EVERY 5'.

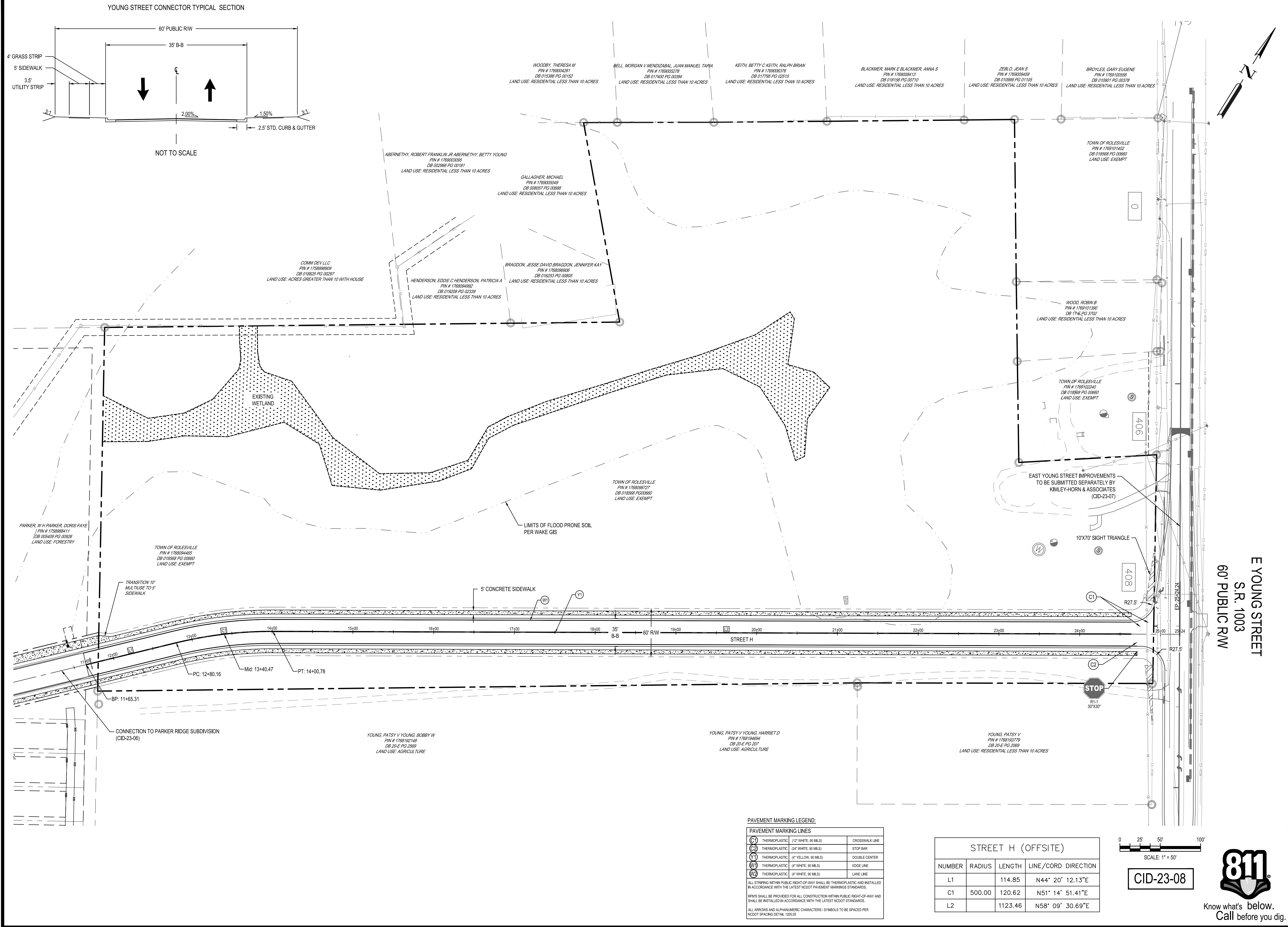
LINE TYPE LEGEND

---	PROPERTY LINE - LINE SURVEYED
---	RIGHT-OF-WAY
---	ADJOINING LINE - LINE NOT SURVEYED
---	OVERHEAD LINE
---	BUILDING SETBACK
---	EASEMENT
---	BUFFER
---	FLOOD HAZARD SOILS
---	ELECTRIC LINE
---	GAS LINE
---	WATER LINE
---	COMMUNICATION



CMP

CAWTHORNE, MOSS & PANCIERA, P.C. PROFESSIONAL LAND SURVEYORS, C-1525, 333 S. WHITE STREET, P.O. BOX 1253, WAKE FOREST N.C., 27588, (919) 556-3148



REV	DATE	DESCRIPTION
1	10/09/2023	PER TOWN OF ROLESVILLE COMMENT

DESIGNED BY: DF/JWM

DRAWN BY: JWM

REVIEWED BY: DF

BCE

5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

LENNAR

CORPORATION

1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

**YOUNG STREET
CONNECTION**

408 E YOUNG STREET
ROLESVILLE / NORTH CAROLINA / 27571

SITE PLAN

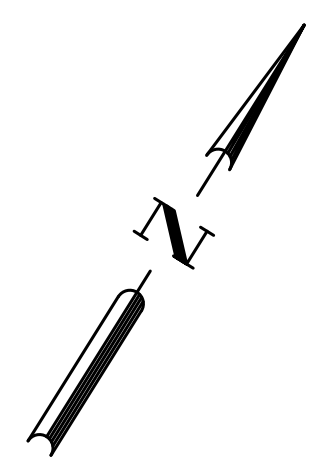
**NOT FOR
CONSTRUCTION**

FILE NUMBER:
8430-03

DATE: 10/09/2023

C2-0

[illegible]



STRUCTURE DATA TABLE								
STRUCTURE NAME	RIM ELEV.	PIPE IN SIZE	INV. IN	INV. OUT	PIPE OUT SIZE	PIPE OUT LENGTH (LF)	PIPE OUT SLOPE	PIPE OUT TO NODE
CB-316C	402.70	18"	400.90 (NE)					
CB-319	410.75	18" 18"	405.75 (NE) 405.58 (SE)	405.48 (SW)	18"	141.71	3.23%	CB-316C
CB-319A	410.75			405.75 (NW)	18"	35.00	0.50%	CB-319
CB-320	415.86	18"	410.86 (NE)	410.76 (SW)	18"	159.37	3.14%	CB-319
CB-321	420.24	18" 18"	414.12 (NE) 415.06 (SE)	414.02 (SW)	18"	126.39	2.50%	CB-320
CB-321A	420.24			415.24 (NW)	18"	35.00	0.50%	CB-321
CB-322	426.27	18" 18"	415.08 (NE) 421.60 (SE)	414.86 (SW)	18"	171.42	0.50%	CB-321
CB-324	426.27			421.77 (NW)	18"	35.00	0.50%	CB-322
CB-323	427.81	18" 18"	416.54 (NE) 422.81 (SE)	416.54 (SW)	18"	292.55	0.50%	CB-322
CB-323A	427.82			422.89 (NW)	18"	35.00	0.50%	CB-323
CB-325	424.50	18"	419.32 (SE)	419.22 (SW)	18"	313.52	0.50%	DCB-324
CB-325A	424.50			419.50 (NW)	18"	35.00	0.50%	CB-325
DCB-324	425.06	18" 18"	419.88 (SE) 417.65 (NE)	417.55 (SW)	18"	202.09	0.50%	CB-323
DCB-324A	425.06			420.06 (NW)	18"	35.00	0.50%	DCB-324
FES-330	422.71	18"	420.50 (SE)					
Y1-351	424.80			421.09 (NW)	18"	70.89	1.28%	FES-350

NOTES:

1. RIM ELEVATION GIVEN FOR CB / DCB IS TOP OF CURB, NOT FLOW LINE.,
2. RIM ELEVATION GIVEN FOR Y1 IS FLOW LINE.



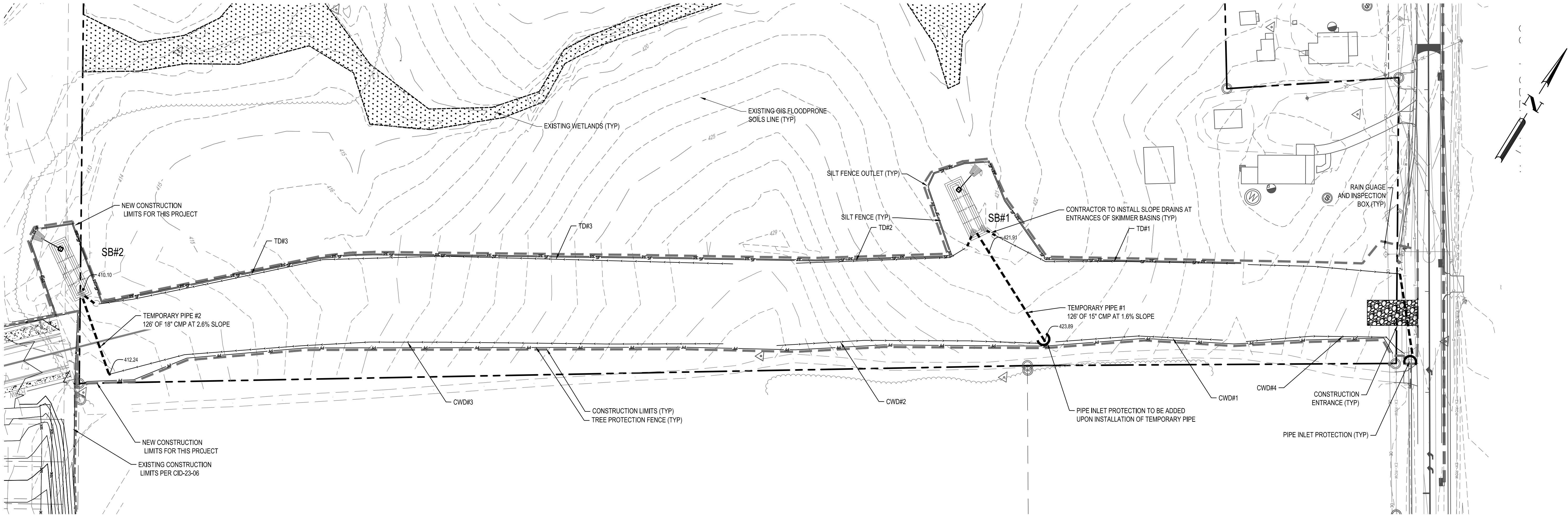
A circular professional engineer seal for the State of North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "PROFESSIONAL" at the bottom. Inside the ring, the word "SEAL" is at the top, the license number "28872" is in the center, and the word "ENGINEER" is at the bottom. The name "DEBRA M. FERM" is written in a semi-circle at the bottom. A blue ink signature is written across the seal. To the right of the seal, the date "10-09-23" is printed.

C4-0

GRADING AND DRAINAGE PLAN

	DESIGNED BY:	DF/JWM	REV	DATE	DESCRIPTION
	DRAWN BY:	JWM	A	10/09/2023	PER TOWN OF ROLESVILLE COMMENT
			A		
			A		
			A		
			A		

G:\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\Off-Site\IR3-0 - EROS-RD.dwg Layout: 10/9/2023 11:32:57 AM



SKIMMER BASIN SUMMARY																	
BASIN NUMBER	DRAINAGE AREA (AC)	DENUDED AREA (AC)	RUNOFF COEFFICIENT	SYSTEM INTENSITY (IN/HR)	10-YEAR PEAK FLOW (CFS)	BASIN DIMENSIONS			TOP OF DAM EL. (FT)	WEIR LENGTH (FT)	AREA REQUIRED (SF)	AREA PROVIDED (SF)	VOLUME REQUIRED (CF)	VOLUME PROVIDED (CF)	SKIMMER SIZE (IN)	SKIMMER ORIFICE DIA. (IN)	DEWATERING TIME (DAYS)
						DEPTH (FT)	LENGTH (FT)	WIDTH (FT)									
SB #1	1.16	1.16	0.50	7.25	4.21	3.0	66	22	278	6	1,367	1,452	2,088	2,916	4	0.75	2.78
SB #2	1.13	1.13	0.50	7.25	4.10	3.0	66	22	290	6	1,331	1,452	2,034	2,916	4	0.75	2.71

TEMPORARY DIVERSION, CLEANWATER DIVERSION, AND PIPE SUMMARY

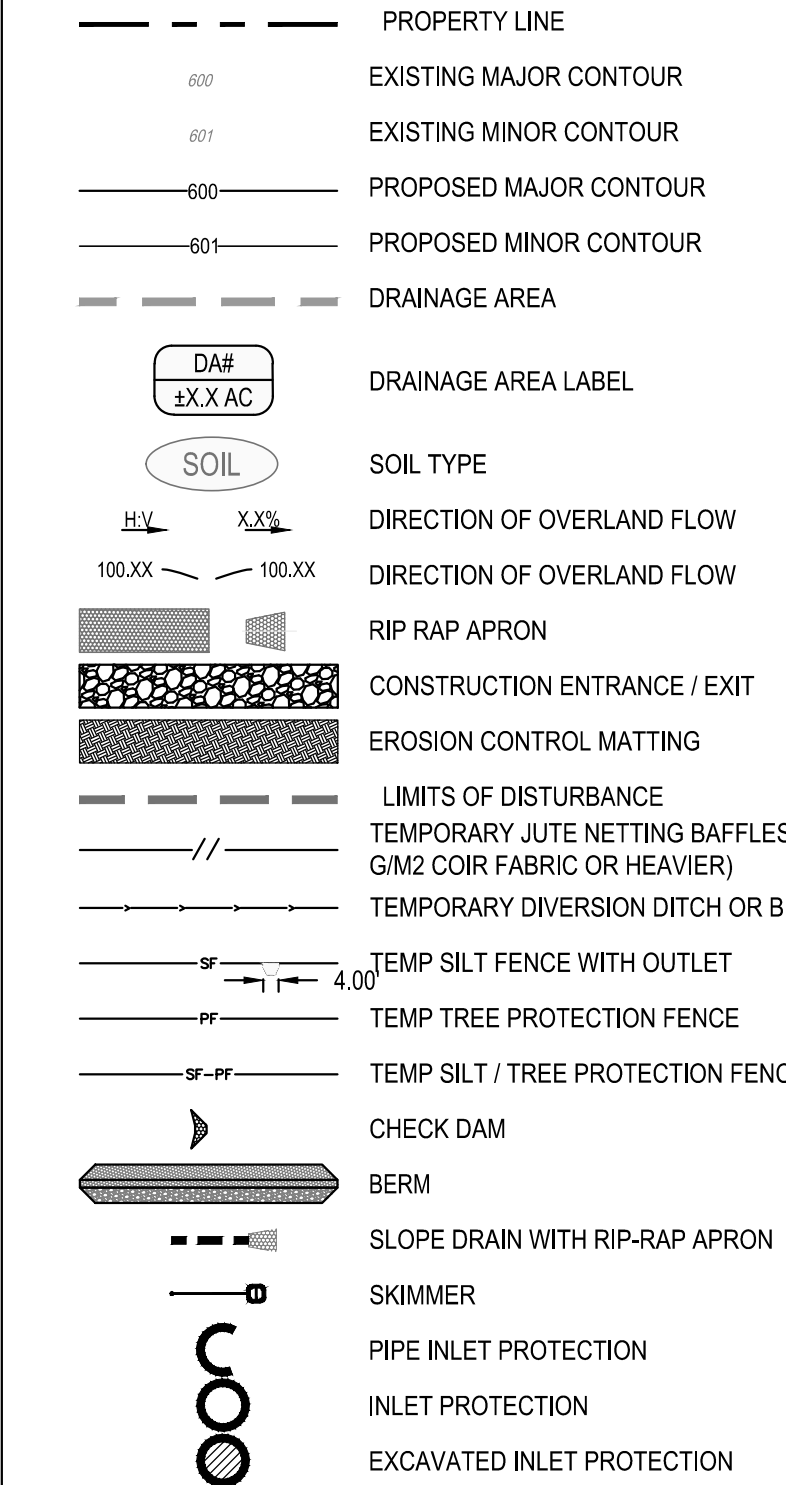
Rainfall Intensity I_{10-yr} = 7.25 in/hr

Swale ID	Rational C	Drainage Area (ac)	Q_{10-yr} (cfs)	Slope (%)	Calculated Depth (ft)	Calculated Shear Stress (lbs/ft ²)	Calculated Velocity (ft/s)	Bottom Width (ft)	# of Check Dams	Type of Liner	Slope Drain Type and Size (in)
TD1	0.50	0.34	1.24	2.49%	0.23	0.004	2.19	2	2	GRASS	CMP - 12"
TD2	0.50	0.43	1.55	3.65%	0.23	0.01	2.69	4	3	GRASS	CMP - 12"
TD3	0.50	1.13	4.11	2.72%	0.44	0.01	3.25	2	8	GRASS	CMP - 12"
CWD 1	0.50	0.15	0.53	4.41%	0.31	0.01	2.78	0	3	GRASS	N/A
CWD 2	0.50	0.25	0.89	3.13%	0.40	0.01	2.77	0	4	GRASS	N/A
CWD 3	0.50	0.60	2.19	4.00%	0.53	0.01	3.82	0	4	GRASS	N/A
PIPE 1	0.50	1.16	4.21	1.59%	0.98	0.01	6.81	N/A	N/A	N/A	CMP - 15"
PIPE 2	0.50	1.74	6.31	2.56%	0.92	0.01	5.83	N/A	N/A	N/A	CMP - 18"

NOTES:
All ditches are to be trapezoidal in shape: 2:1 sideslopes, and height of 1.0'
Calculated Depth and Calculated Velocity Based on Flowmaster Output
NAG S150: North American Green S150 or approved equal

ABBREVIATIONS
TD = TEMPORARY DIVERSION
CWD = CLEAN WATER DIVERSION
SB = SKIMMER BASIN

EROSION CONTROL LEGEND



NARRATIVE

PROJECT INCLUDES APPROXIMATELY 1,520 LINEAR FEET OF 36" BACK TO BACK STREET SECTION TO CONNECT STREET H TO YOUNG STREET AND STORM DRAINAGE IN ROLESVILLE, NC. THERE IS A FUTURE DEVELOPMENT (BY OTHERS) ON THIS PROPERTY THAT WILL REQUIRE STORMWATER CONTROL MEASURES AND WILL TREAT THE NEW IMPERVIOUS INCLUDING THIS PROJECT'S IMPERVIOUS AREAS.

CONSTRUCTION SEQUENCE - PHASE 1

- SCHEDULE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL CONSULTANT. OBTAIN A LAND DISTURBING PERMIT.
- INSTALL GRAVEL CONSTRUCTION PAD, BYPASS PIPES AND CLEAN WATER DIVERSIONS TO BYPASS PIPES. INSTALL TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS OR OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES. SEED TEMPORARY DIVERSIONS, AND BASINS IMMEDIATELY AFTER CONSTRUCTION.
- CALL ENVIRONMENTAL CONSULTANT FOR AN ONSITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT TO OBTAIN A CERTIFICATE OF COMPLIANCE.

CONSTRUCTION SEQUENCE - PHASE 2

- BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED. ROUGH GRADE SITE.
- INSTALL STORM SEWER, IF SHOWN, AND PROTECT INLETS WITH BLOCK AND GRAVEL INLET CONTROLS, SEDIMENT TRAPS OR OTHER APPROVED MEASURES AS SHOWN ON THE PLAN. BEGIN CONSTRUCTION, BUILDING, ETC.
- STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, DITCH LININGS, ETC. SEED AND MULCH DENUDED AREAS PER GROUND STABILIZATION TIME FRAMES.
- WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED COMPLETELY, CALL ENVIRONMENTAL CONSULTANT FOR AN INSPECTION.
- IF SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS, ETC., AND SEED OUT OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES, SUCH AS VELOCITY DISSIPATORS, SHOULD NOW BE INSTALLED.
- WHEN VEGETATION HAS BECOME ESTABLISHED, CALL FOR A FINAL SITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT. OBTAIN A CERTIFICATE OF COMPLETION.

DISTURBED AREA: 3.05 AC

CID-23-08

0 25' 50' 100'
SCALE: 1" = 50'



DESIGNED BY: DF/JWM

DRAWN BY: JWM

REVIEWED BY: DF

10/09/2023

DATE

PER TOWN OF ROLESVILLE COMMENT

DESCRIPTION

BCE

5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

LENNAR

CORPORATION

1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

YOUNG STREET

CONNECTION

408 E YOUNG STREET
ROLESVILLE / NORTH CAROLINA / 27571

EROSION CONTROL

PHASE 1

NOT FOR CONSTRUCTION

FILE NUMBER: 8430-03

DATE: 10/09/2023

C5-0

PROFESSIONAL ENGINEER

SEAL

10/09/2023

NOT FOR CONSTRUCTION



PROJECT INCLUDES APPROXIMATELY 1,520 LINEAR FEET OF 35' BACK TO BACK STREET SECTION TO CONNECT STREET H TO YOUNG STREET AND STORM DRAINAGE IN ROLESVILLE, NC. THERE IS A FUTURE DEVELOPMENT (BY OTHERS) ON THIS PROPERTY THAT WILL REQUIRE STORMWATER CONTROL MEASURES AND WILL TREAT THE NEW IMPERVIOUS INCLUDING THIS PROJECT'S IMPERVIOUS AREAS.

Rainfall Intensity $I_{10\text{-yr}} = 7.25$ in/hr

ABBREVIATIONS

TD	=	TEMPORARY DIVERSION
CWD	=	CLEAN WATER DIVERSION
SB	=	SKIMMER BASIN

SECTION E: GROUND STABILIZATION		
Site Area Description	Required Ground Stabilization Timelines	
	Stabilize within this many calendar days after ceasing land disturbance	Timeline variations
(a) Perimeter ditches, perimeter slopes	7	None
(b) High Quality Water (H2O) Zone	7	None
(c) Slopes steeper than 3:1	14	<p>If slopes are 10:1 or less in length are not steeper than 2:1, 14 days are allowed</p> <p>7 days for slopes greater than 50° in length and with slopes steeper than 4:1</p> <p>7 days for perimeter ditches, swales, ditches, perimeter slopes and H2O Zones</p> <p>10 days for Falls for Watershed</p>
(d) Slopes 3 to 1 or 4:1	14	<p>7 days for perimeter ditches, swales, ditches, perimeter slopes and H2O Zones</p> <p>10 days for Falls for Watershed</p>
(e) Areas with slopes flatter than 4:1	14	<p>7 days for perimeter ditches, swales, ditches, perimeter slopes and H2O Zones</p> <p>10 days for Falls for Watershed unless there are more slopes</p>

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to ensure the surface stabilizes against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATIONS	
Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:	
Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulch Hydroseeding Hydro seed erosion control products with or without straw mulch Appropriately applied straw or other mulch Geotextiles 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulch and/or straw mulch Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Straw or other permanent plantings covered with straw Uniformly and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Reinforced erosion control products with grass seed

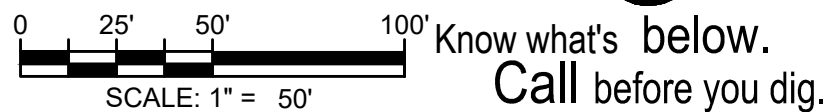


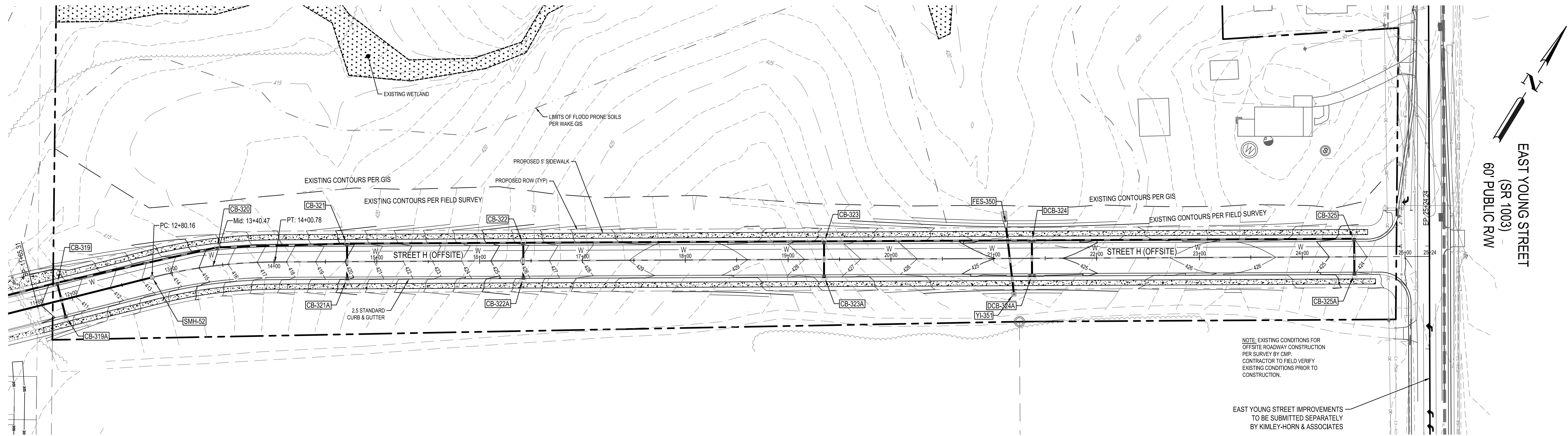
1. SCHEDULE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL CONSULTANT. OBTAIN A LAND DISTURBING PERMIT.
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CONSTRUCTION SEQUENCE - PHASE 2

1. BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED. ROUGH GRADE SITE.
2. INSTALL STORM SEWER, IF SHOWN, AND PROTECT INLETS WITH BLOCK AND GRAVEL INLET CONTROLS, SEDIMENT TRAPS OR OTHER APPROVED MEASURES AS SHOWN ON THE PLAN. BEGIN CONSTRUCTION, BUILDING, ETC.
3. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, DITCH LININGS, ETC. SEED AND MULCH DENUDEED AREAS PER GROUND STABILIZATION TIME FRAMES.
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5. IF SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS, ETC., AND SEED OUT OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES, SUCH AS VELOCITY DISSIPATORS, SHOULD NOW BE INSTALLED.
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DISTURBED AREA: 3.05 AC

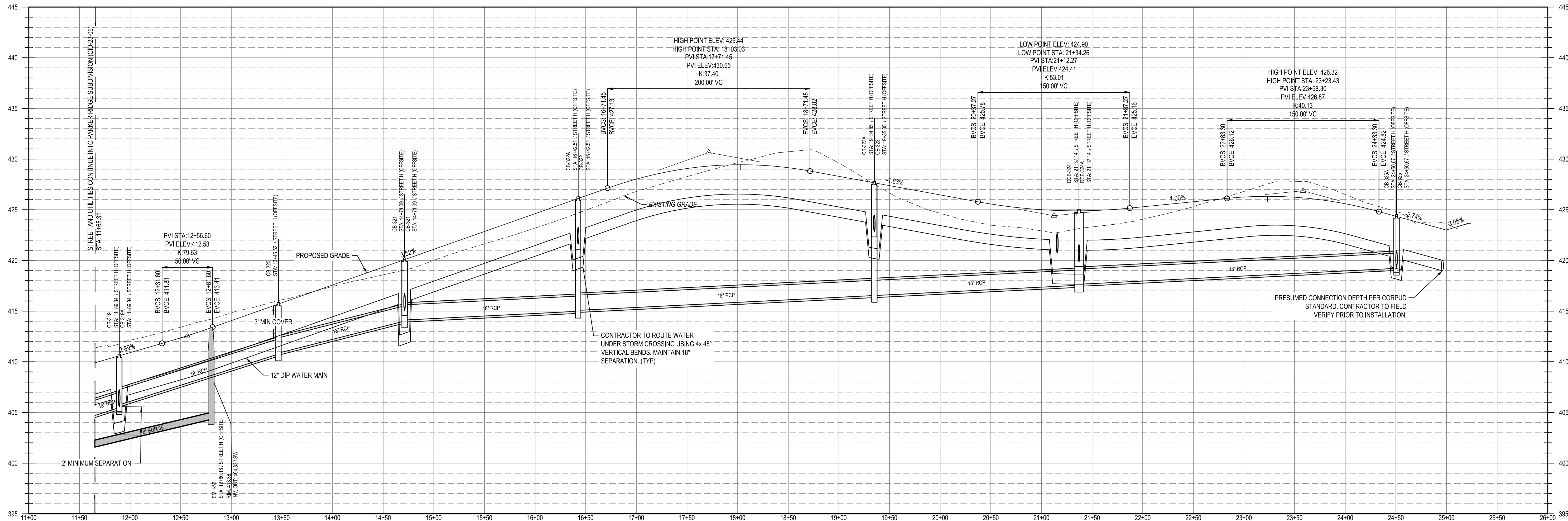




NOTE: EXISTING CONDITIONS FOR OFFSITE ROADWAY CONSTRUCTION PER SURVEY BY CMP. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

EAST YOUNG STREET IMPROVEMENTS TO BE SUBMITTED SEPARATELY BY KIMLEY-HORN & ASSOCIATES

STREET H (OFFSITE)
STA: 11+00.00 TO STA:26+00.00



CID-23-08



SCALE: 1" = 40'
VERT: 1" = 4'



NOT FOR CONSTRUCTION

FILE NUMBER: 8430-03

DATE: 10/09/2023

C6-0

YOUNG STREET
CONNECTOR PLAN &
PROFILE

YOUNG STREET
CONNECTION
408 E YOUNG STREET
ROLESVILLE / NORTH CAROLINA / 27571

LENNAR
CORPORATION
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

BCE

5440 WADE PARK BLVD, SUITE 102
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NC LICENSE #C-4397

DESIGNED BY: DF/JWM
DRAWN BY: JWM
REVIEWED BY: DF

10/09/2023
DATE
REV
DESCRIPTION

PER TOWN OF ROLESVILLE COMMENT

CONTINUOUS LINES

EDGE LINE

YELLOW OR WHITE

4" / 6"

LANE LINE

WHITE

4" / 6"

CENTER LINE

YELLOW

4" / 6"

GORE LINE

WHITE

8" / 12"

DIAGONAL LINE

YELLOW OR WHITE

12" 45 MPH OR HIGHER
6" LESS THAN 45 MPH

CROSSWALK LINE

WHITE

8" TRANSVERSE
24" LONGITUDINAL

RxR LINE

WHITE

16"

STOP OR TRANSVERSE BAR

WHITE

24"

10'-30"/SP SKIP LINE

UNLESS OTHERWISE SHOWN, USE 10' 30"/SP SKIPS FOR SKIP LANE LINES AND SKIP CENTER LINES.

10'

30'

4" / 6"

3'-3"/SP MINI-SKIP LINE

UNLESS OTHERWISE SHOWN, USE 3' 3"/SP MINI-SKIPS FOR THE WHITE EDGE LINE EXTENSIONS AT ROUNDABOUTS.

3'

3'

8" / 12"

2'-6"/SP MINI-SKIP LINE

UNLESS OTHERWISE SHOWN, USE 2' 6"/SP MINI-SKIPS FOR LANE LINE EXTENDING THROUGH INTERSECTIONS, EDGE LINE EXTENSIONS THROUGH INTERSECTIONS AND MINI-SKIPS USED FOR BICYCLE LANE LINES.

2'

6'

4" / 6"

3'-9"/SP MINI-SKIP LINE

UNLESS OTHERWISE SHOWN, USE 3' 9"/SP MINI-SKIPS FOR MINI-SKIP LANE LINES AND LINE EXTENSIONS THROUGH TAPERS.

3'

9'

4" / 6"

GENERAL NOTES:

1- USE 6" LANE, EDGE, AND CENTER LINES ON ALL FULL CONTROL OF ACCESS FACILITIES AND OTHER ROUTES AS DIRECTED BY THE ENGINEER.

2- LANE LINES INDICATED AS "WIDE" ON THE ROADWAY STANDARD DRAWINGS SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.

3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
PAVEMENT MARKINGS
LINE TYPES AND OFFSETS

SHEET 1 OF 2
1205.01

EDGE LINE OFFSET DETAIL

WHITE OR YELLOW EDGE LINE

2" MAX., REFER ALSO TO TABLE 1

E.O.T.

TABLE 1

EDGE LINE OFFSETS FOR 2 LANE, 2-WAY ROADWAYS WITH UN-PAVED SHOULDERS

WIDTH (W) OF TRAVEL PAVEMENT	MAX. EDGE LINE OFFSET FROM E.O.T.	MINIMUM LANE WIDTH (W)
16' - 18'	2"	8' - 9'
19'	4"	9'
20'	6"	9.5'
21'	8"	10'
22'	10"	10'
23'	10"	10.5'
24'	1'	11'
25'	2'	11'
26'	2'	12'
30'	3'	12'
32'	4'	12'

LEGEND

W = WIDTH OF TRAVEL LANE

E.O.T. = EDGE OF TRAVEL

● DIRECTION OF TRAFFIC FLOW

CENTER LINE OFFSET DETAIL

YELLOW CENTER LINE

3" / 3"

6"

LANE LINE OFFSET DETAIL

WHITE LANE LINE

2" TOWARDS LEFT SIDE OF TRAVELWAY

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
PAVEMENT MARKINGS
LINE TYPES AND OFFSETS

SHEET 2 OF 2
1205.01

TWO-LANE, TWO-WAY ROADWAY

SHOULDER

WHITE EDGE LINES

YELLOW SKIP CENTER LINES, PASSING SIDE

SHOULDER

YELLOW SKIP CENTER LINES

YELLOW CENTER LINE, NO PASSING SIDE

DOUBLE YELLOW CENTER LINE (TWO YELLOW CENTER LINES)

E.O.T.

PASSING ZONE - BOTH DIRECTIONS

PASSING ZONE - SINGLE DIRECTION

NO-PASSING ZONE - BOTH DIRECTIONS

PASSING/NO PASSING ZONES WILL BE DETERMINED BY THE ENGINEER.

TWO-LANE, TWO-WAY ROADWAY WITH TWO-WAY LEFT TURN LANE

SHOULDER

300' TYPICAL SPACING BETWEEN SETS OF ARROW SYMBOLS

SPACING CAN BE INCREASED OR DECREASED AS DETERMINED BY THE ENGINEER

WHITE EDGE LINES

E.O.T.

SHOULDER

YELLOW SKIP CENTER LINES

YELLOW CENTER LINES

E.O.T.

GENERAL NOTES:

1- EDGE LINES ARE NOT REQUIRED ALONG CURB AND GUTTER LOCATIONS.

2- CONTINUE EDGE LINES THROUGH MINOR DRIVEWAYS. DO NOT CONTINUE EDGE LINES AT INTERSECTIONS AND MAJOR DRIVEWAYS. SEE ROADWAY STANDARD DRAWING 1205.05 FOR ADDITIONAL GUIDANCE.

3- REFER TO ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND

W = WIDTH OF TRAVEL LANE

E.O.T. = EDGE OF TRAVEL

● DIRECTION OF TRAFFIC FLOW

➤ PAVEMENT MARKING SYMBOLS

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
PAVEMENT MARKINGS
TWO-LANE AND MULTI-LANE ROADWAYS

SHEET 1 OF 2
1205.02

811

Know what's below.
Call before you dig.

PAVEMENT MARKING DETAILS

YOUNG STREET CONNECTION
408 E YOUNGS STREET
ROLESVILLE / NORTH CAROLINA / 27571

LENNAR CORPORATION
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

BCE

5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

DESIGNED BY: DF/JWM

DRAWN BY: JWM

REVIEWED BY: DF

10/09/2023

PER TOWN OF ROLESVILLE COMMENT

DATE

DESCRIPTION

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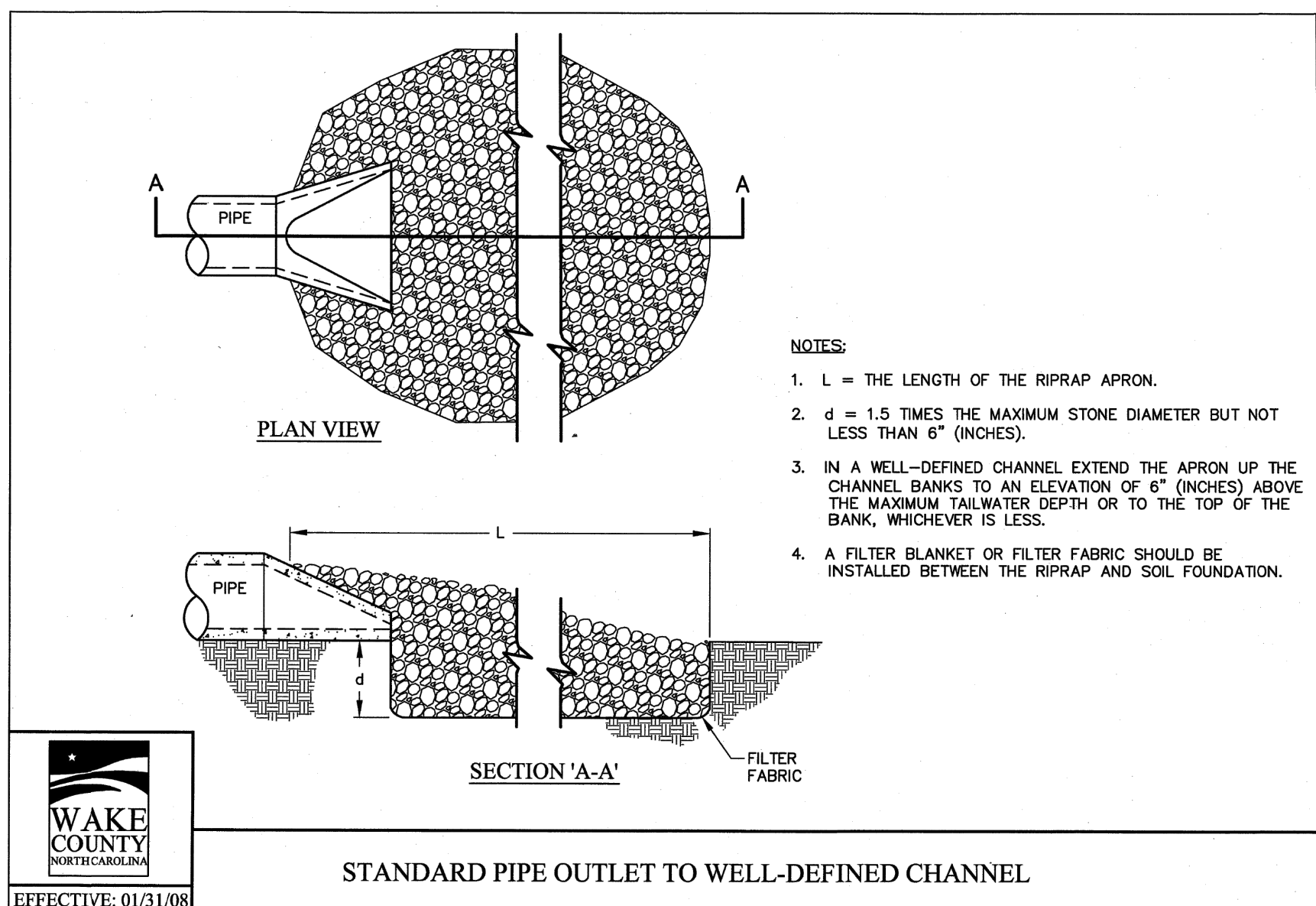
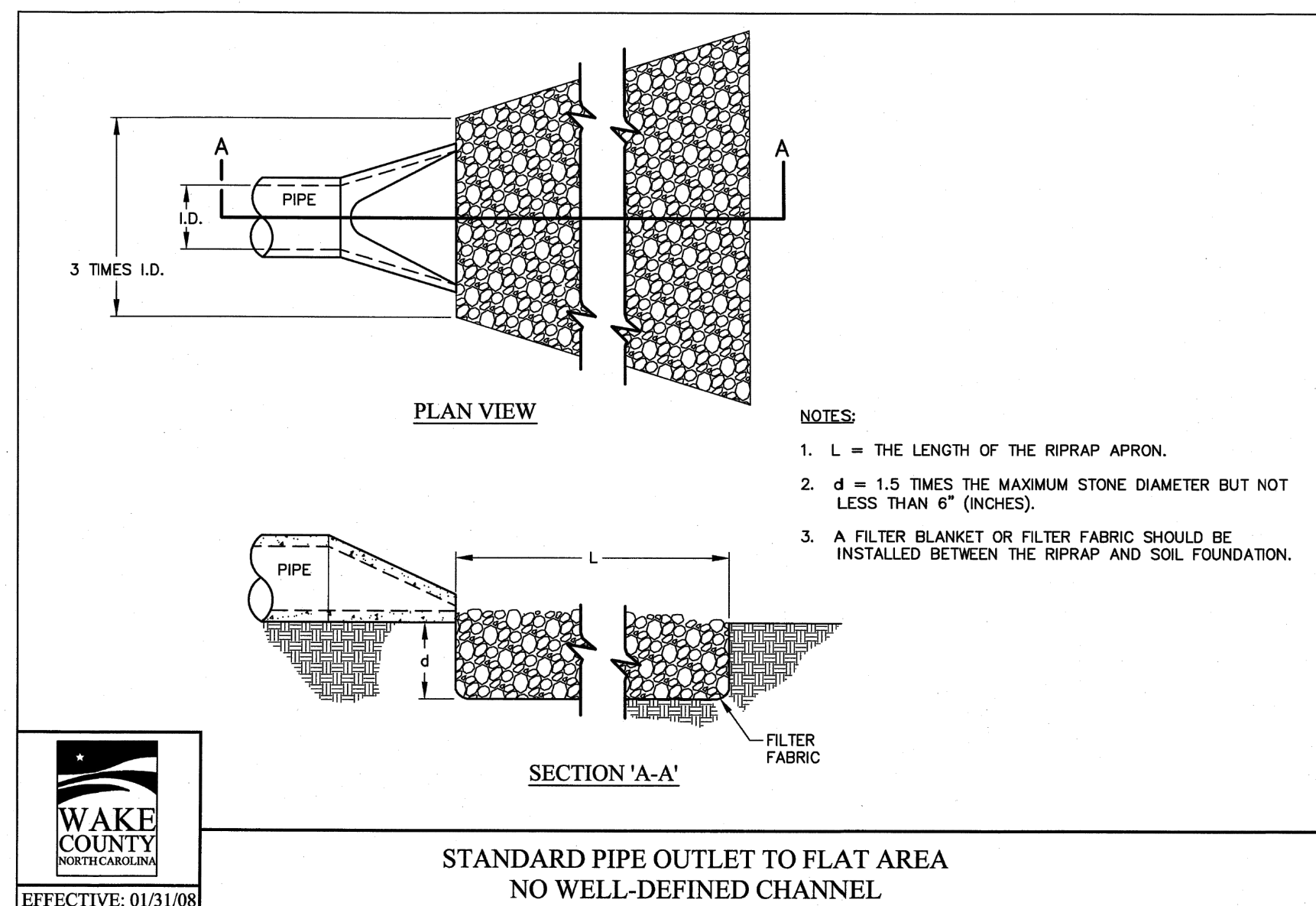
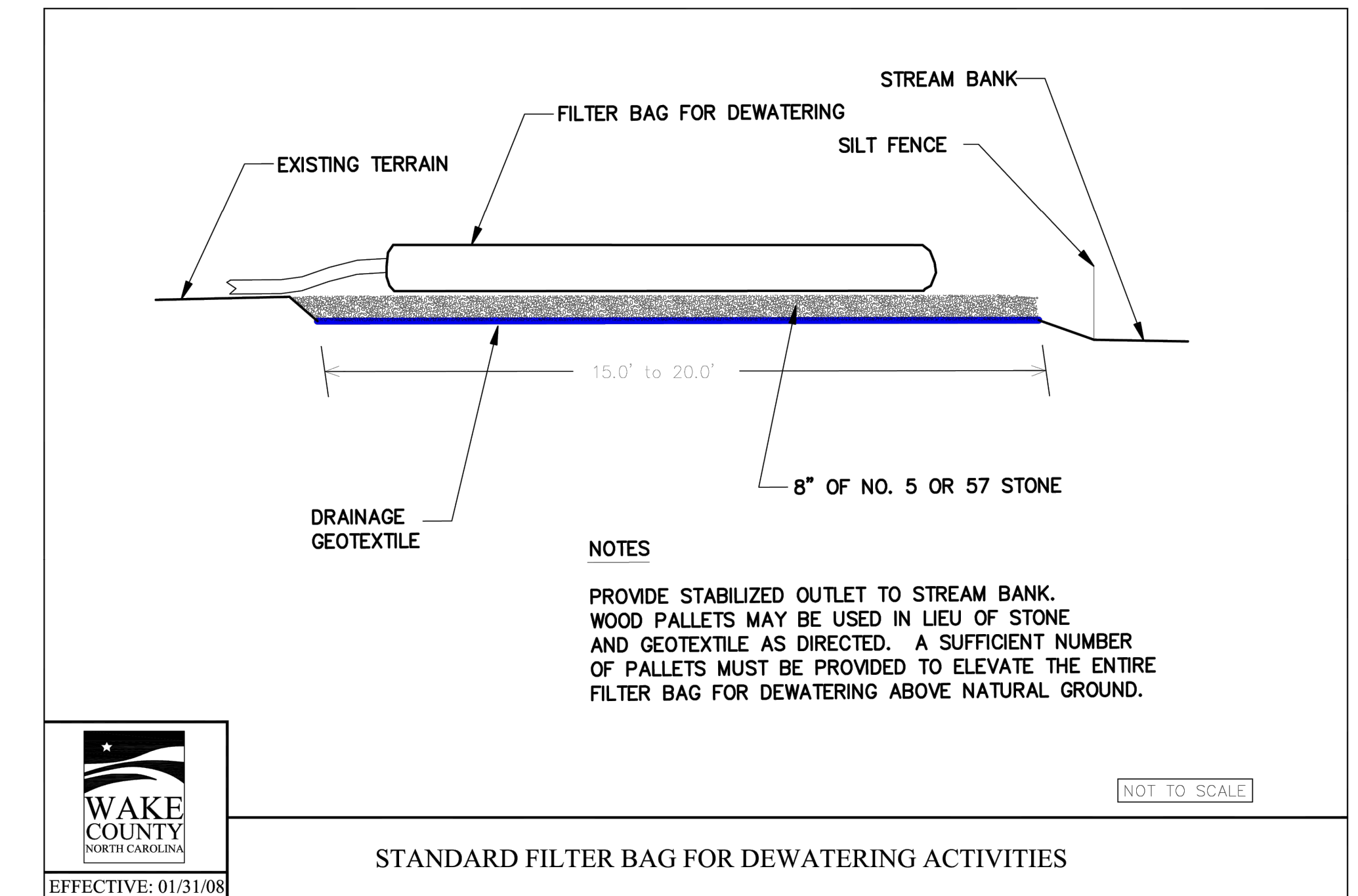
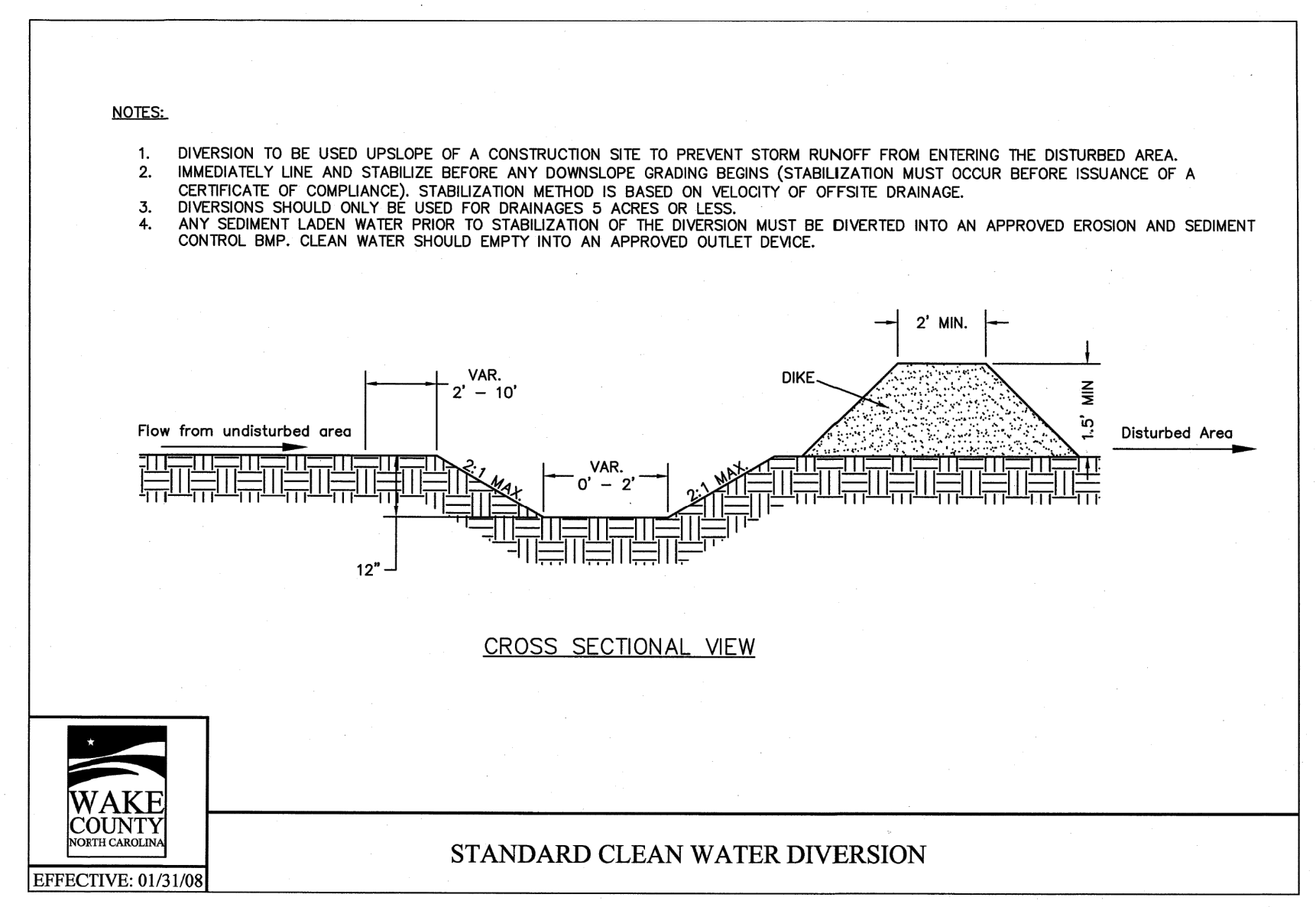
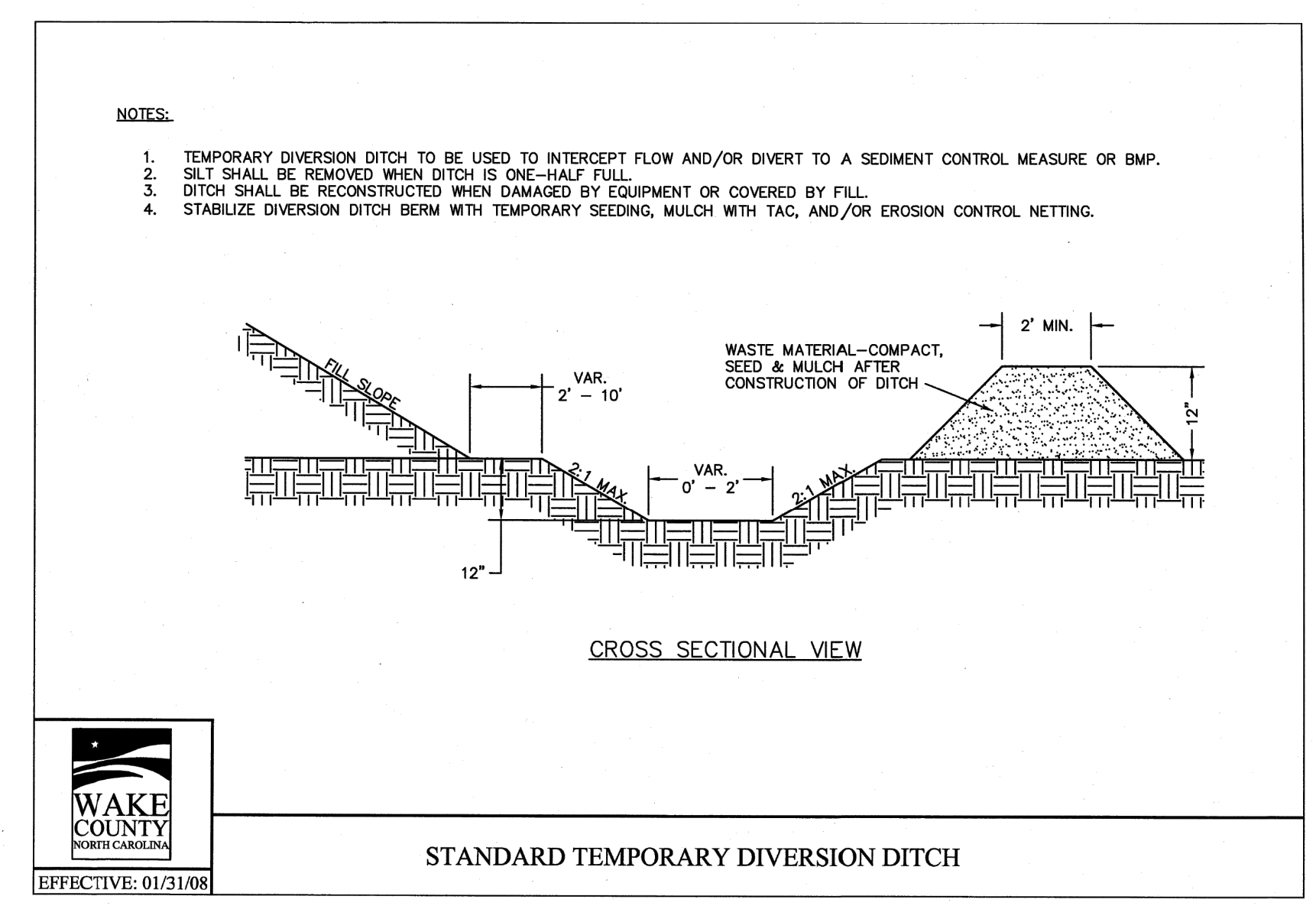
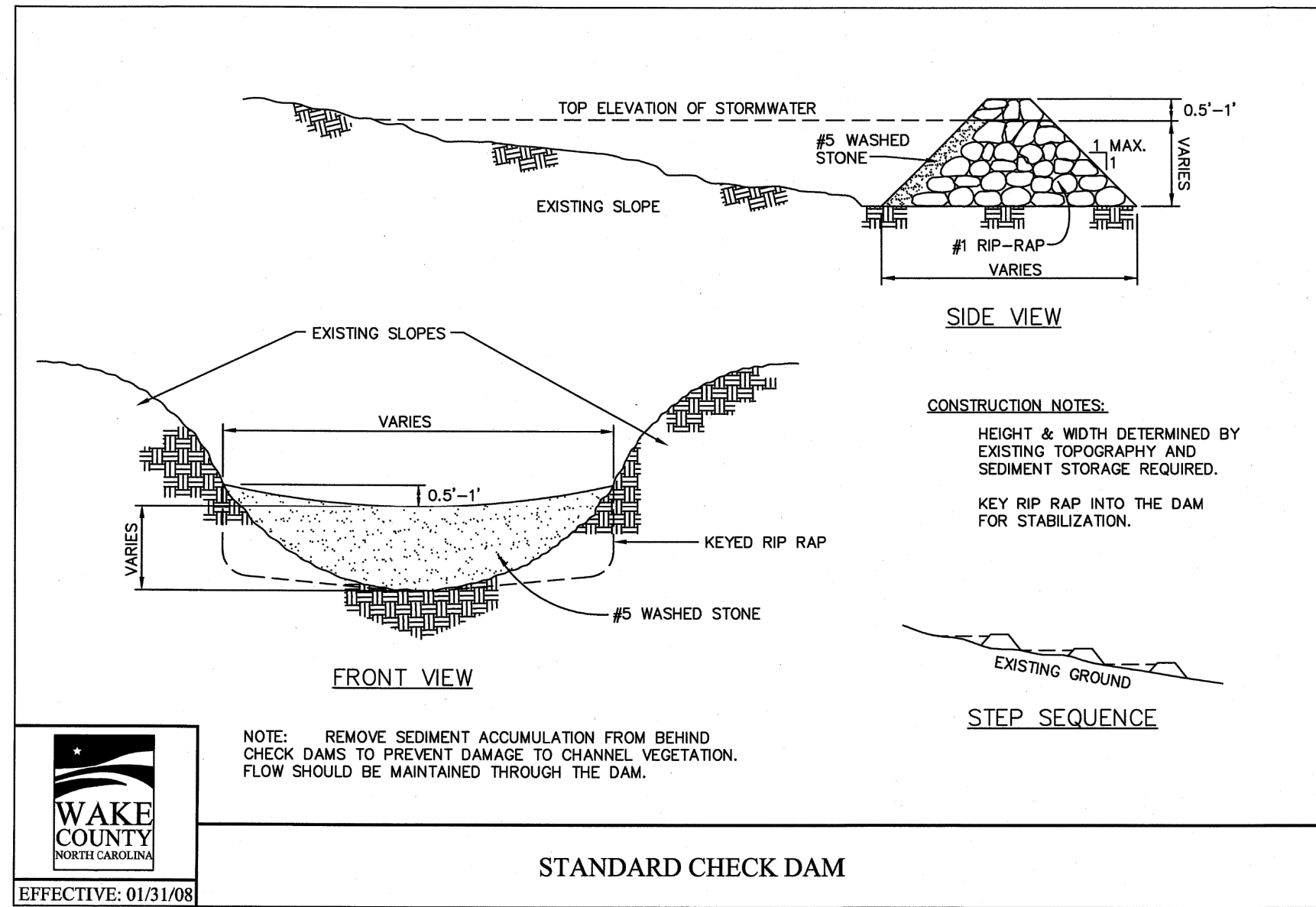
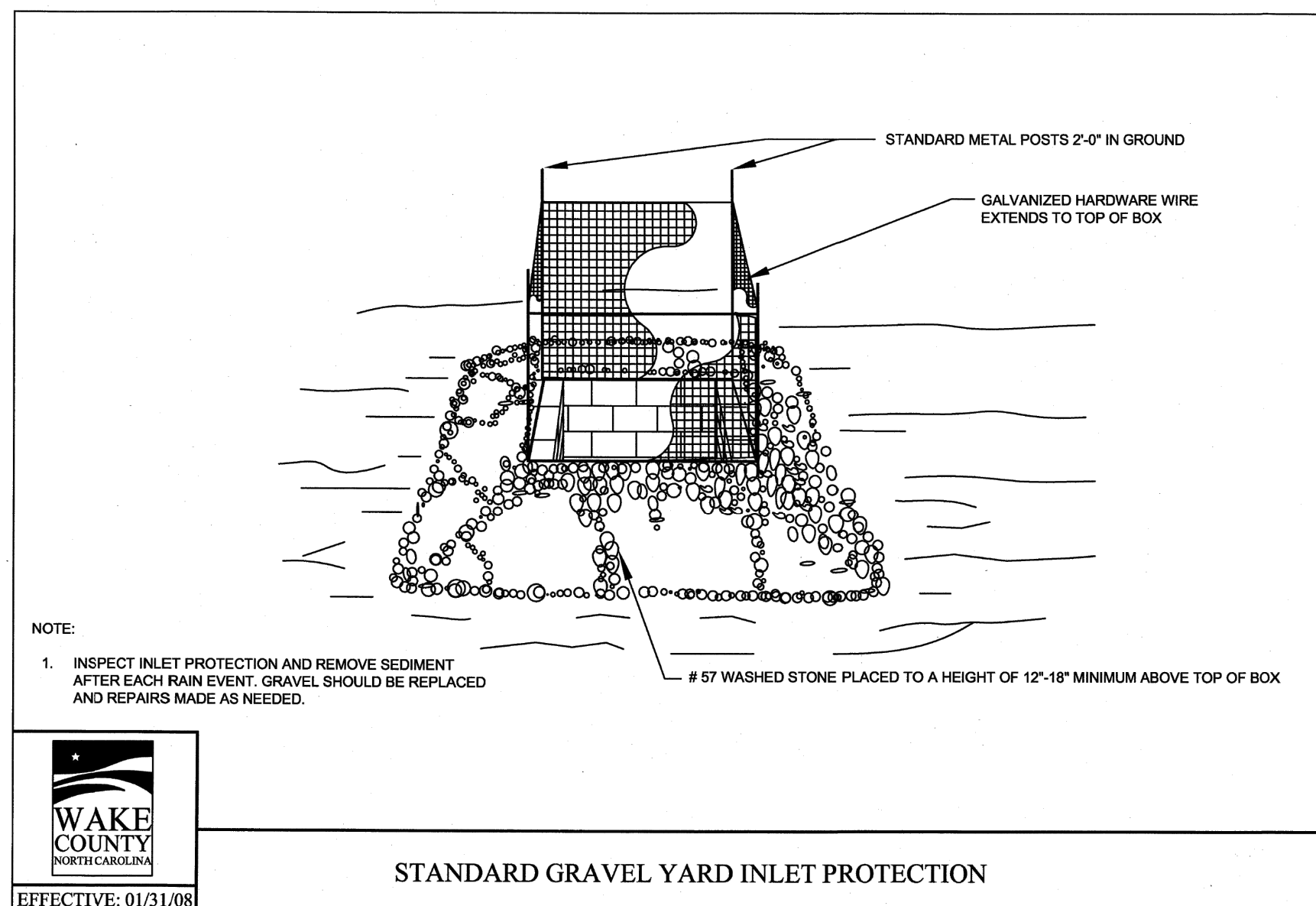
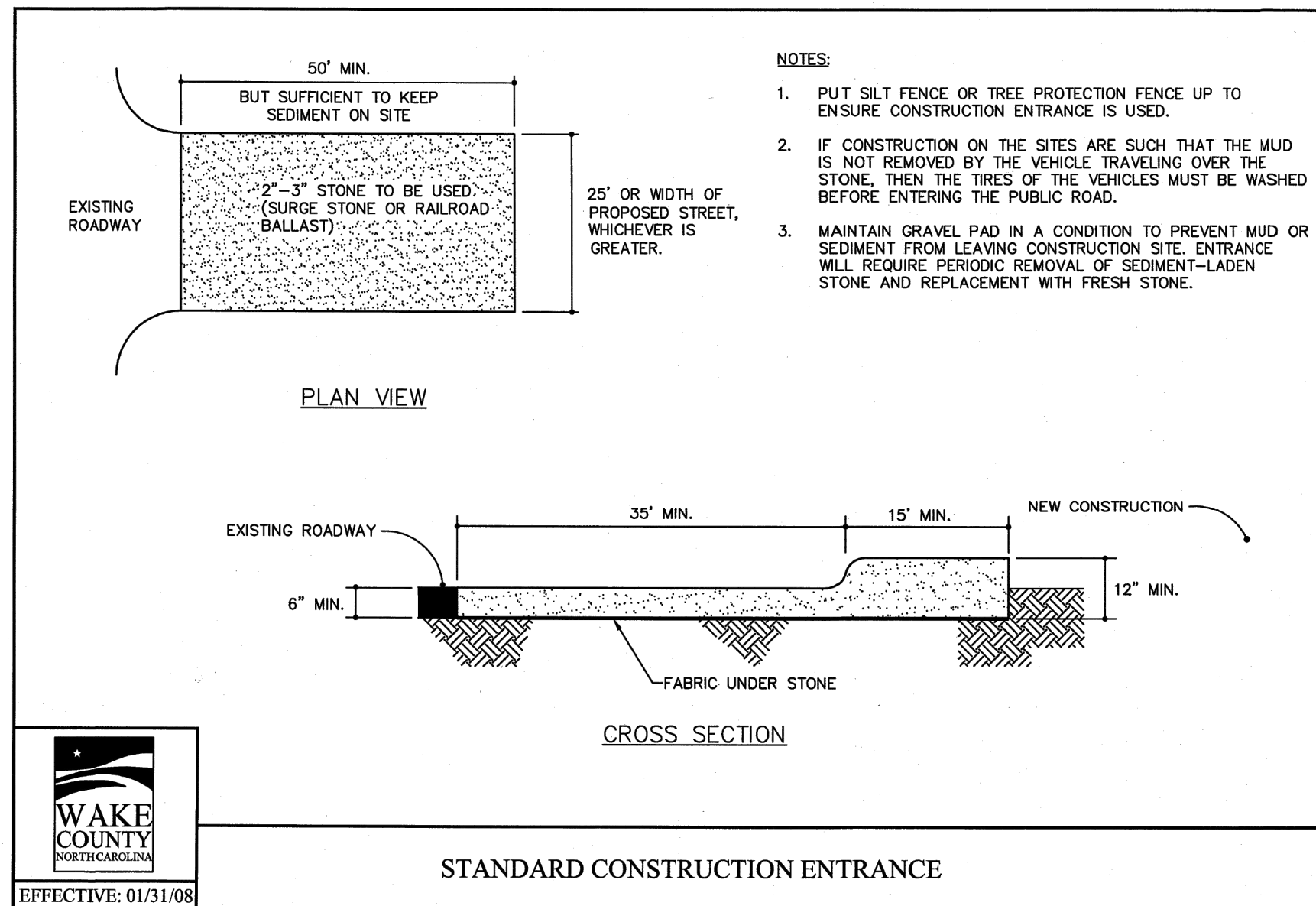
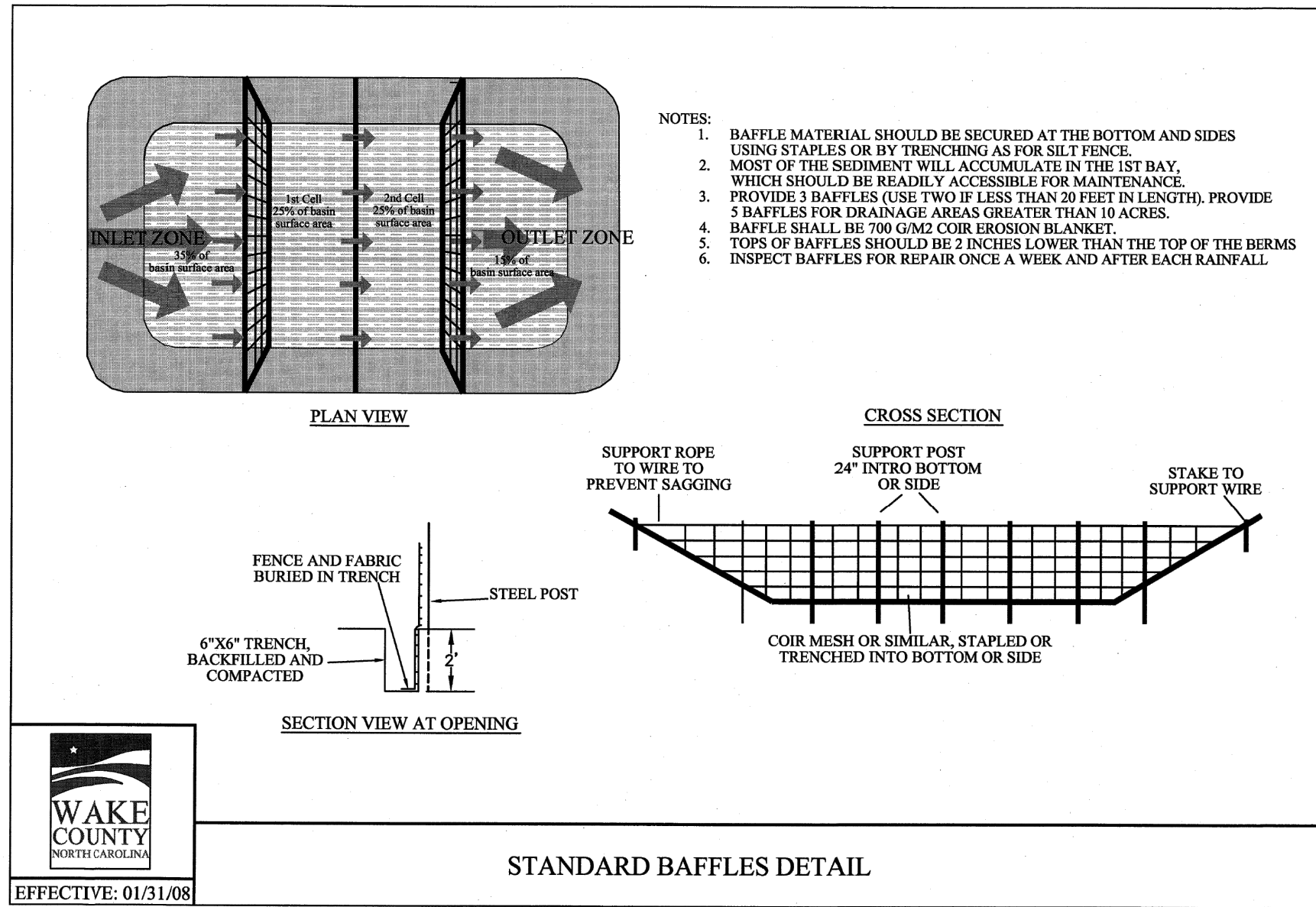
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PER TOWN OF ROLESVILLE COMMENT	DATE	DESCRIPTION
10/09/2023	REV	

DESIGNED BY: DF/JWM
DRAWN BY: JWM
REVIEWED BY: DF

BCE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

LENNAR CORPORATION
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

YOUNG STREET CONNECTION
408 E YOUNG STREET
ROLESVILLE / NORTH CAROLINA / 27571

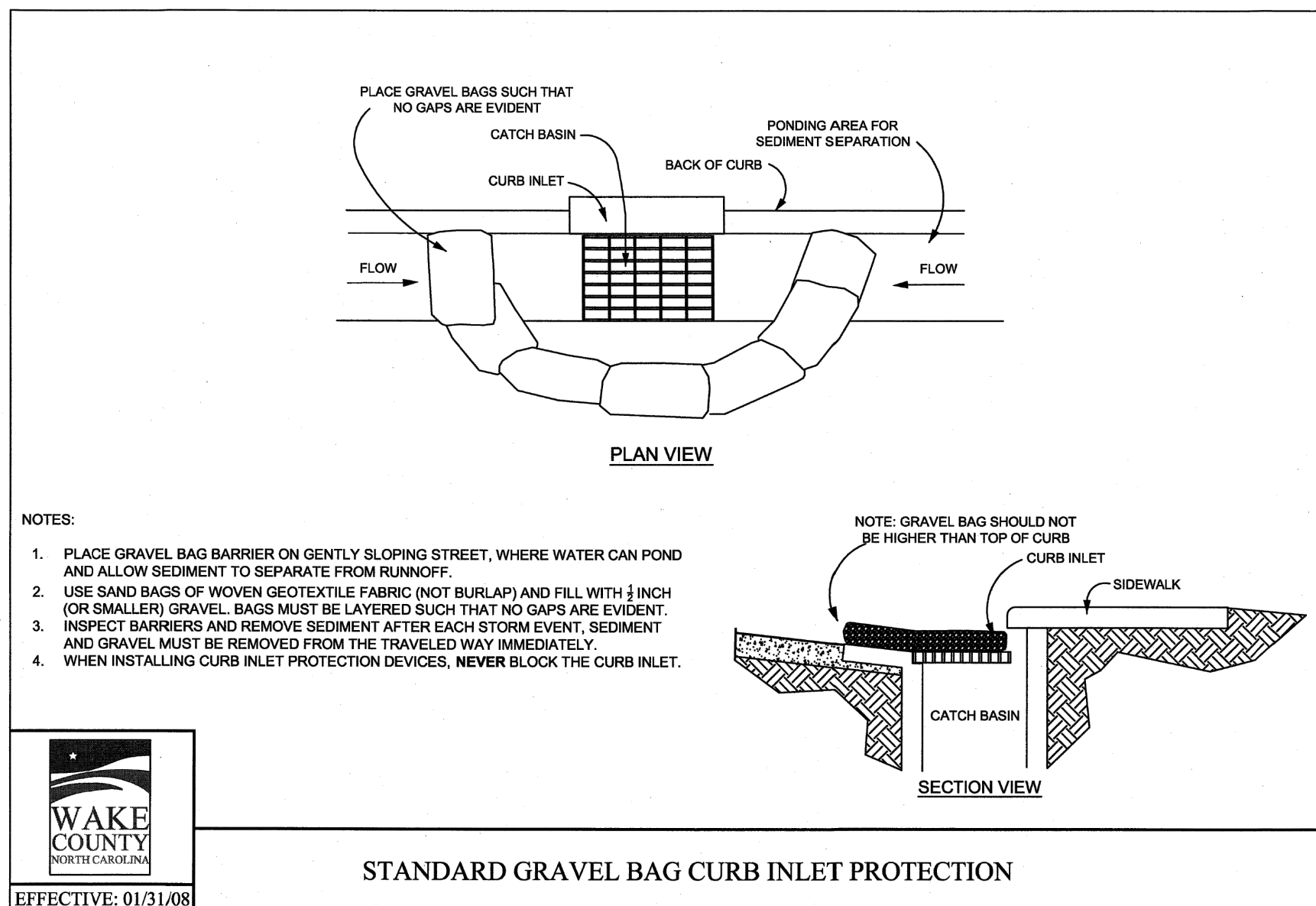
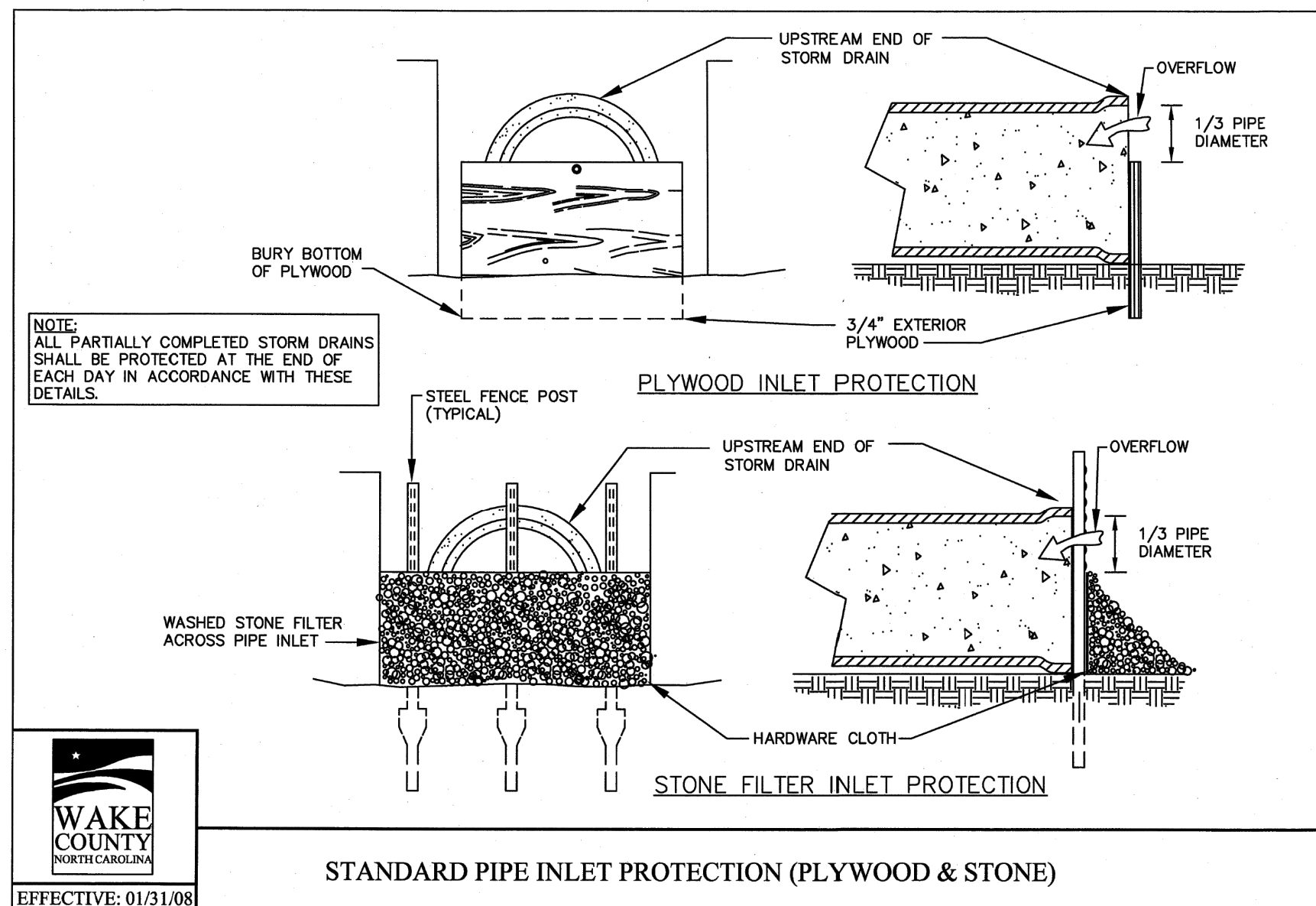
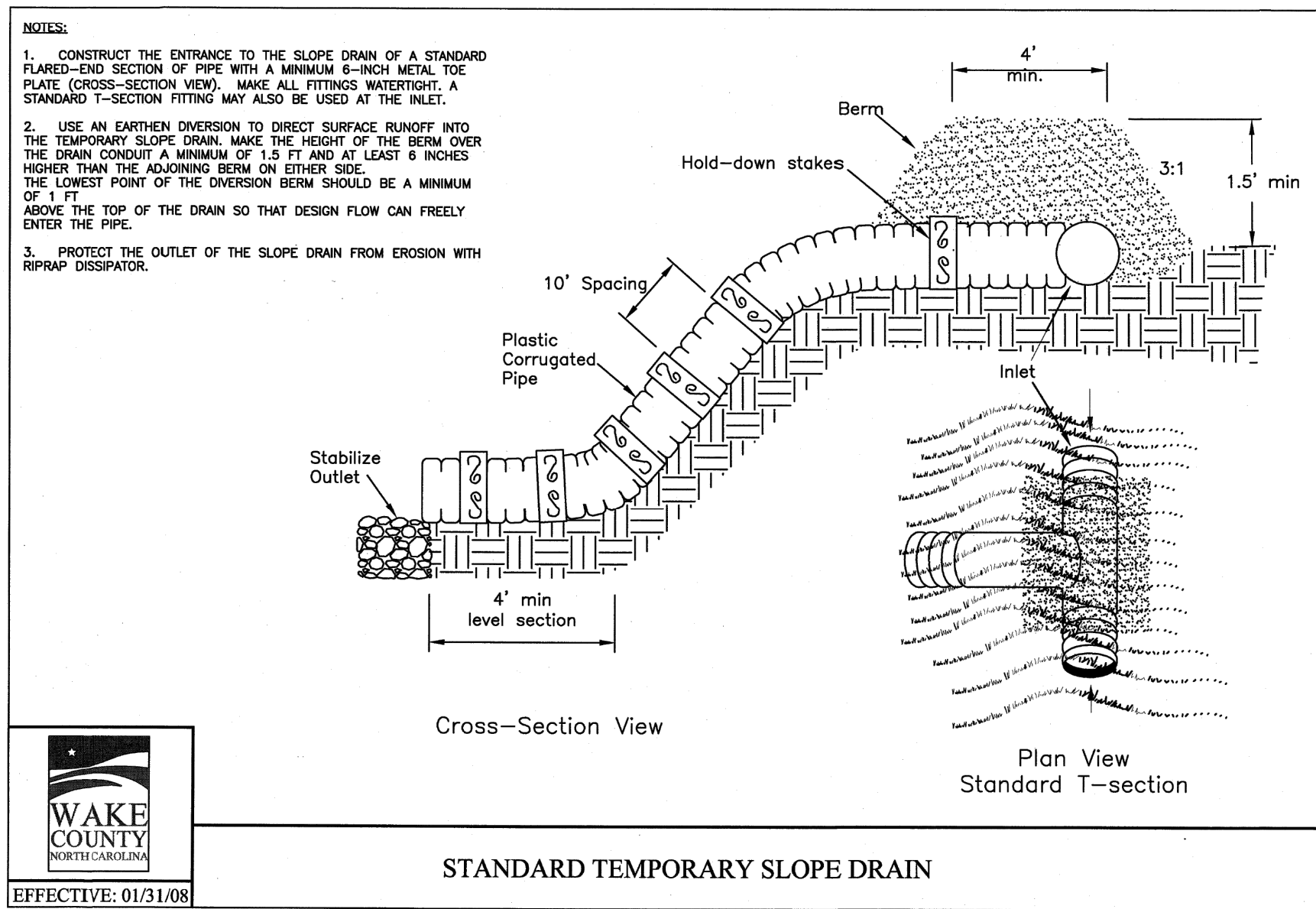
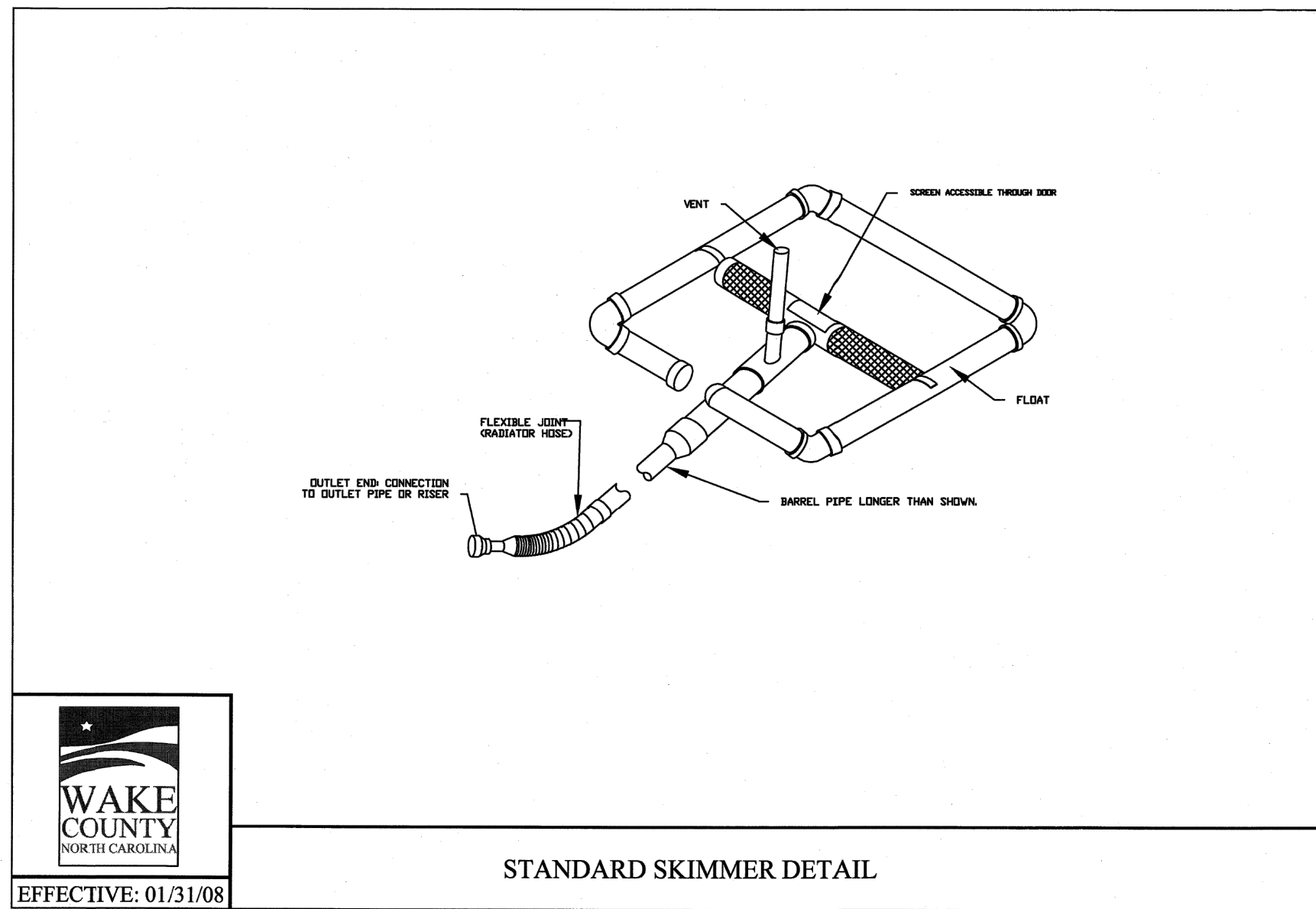
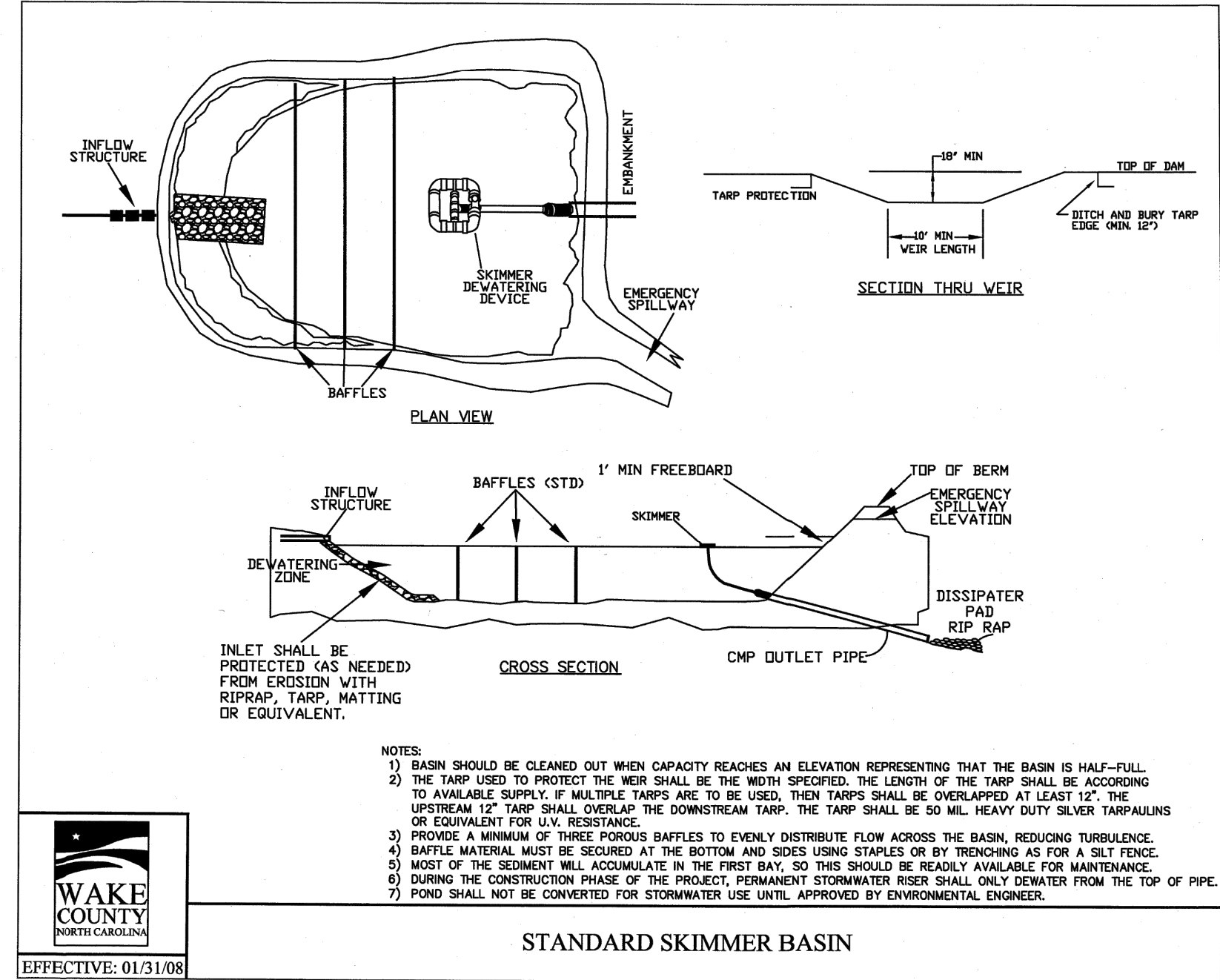
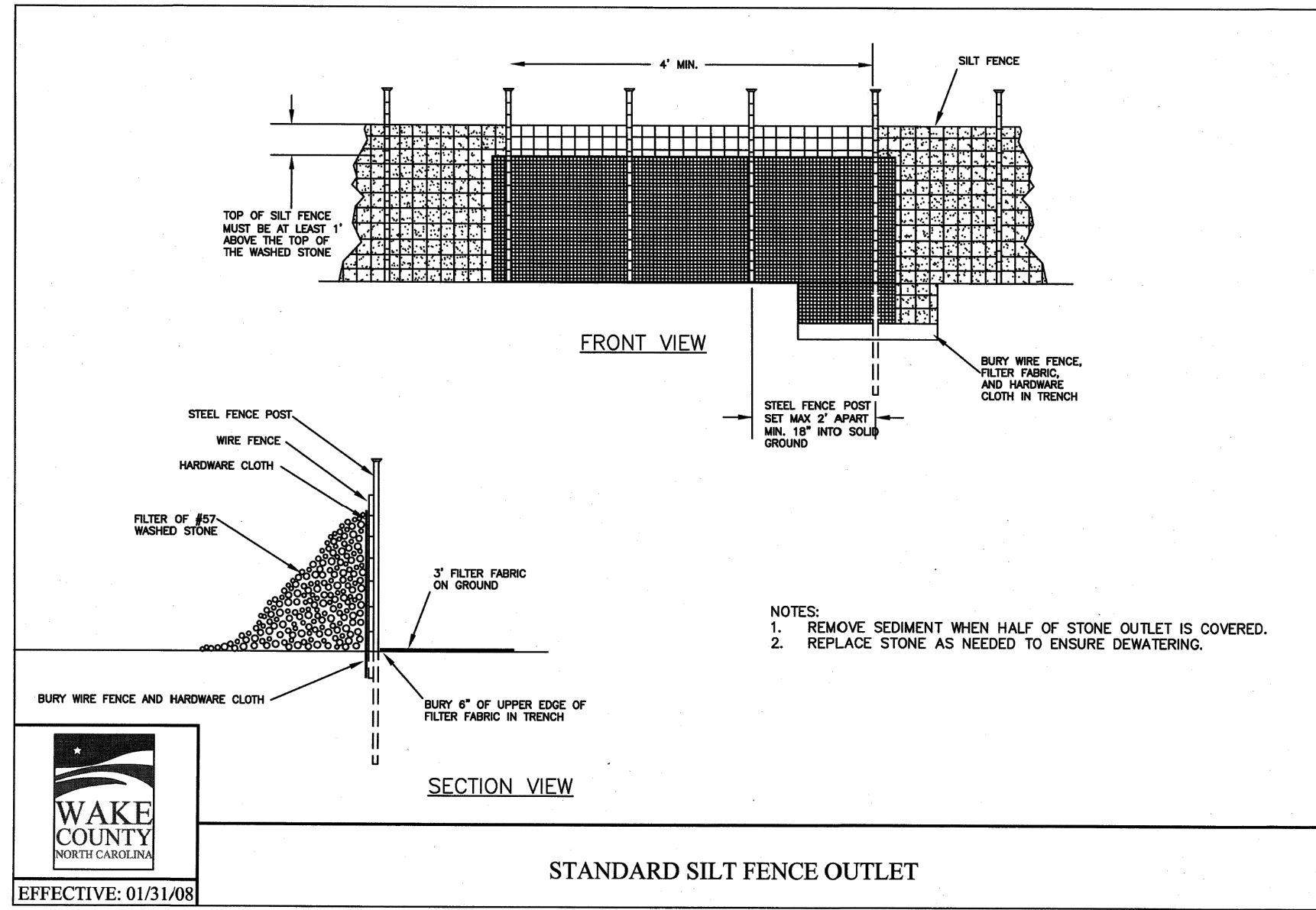
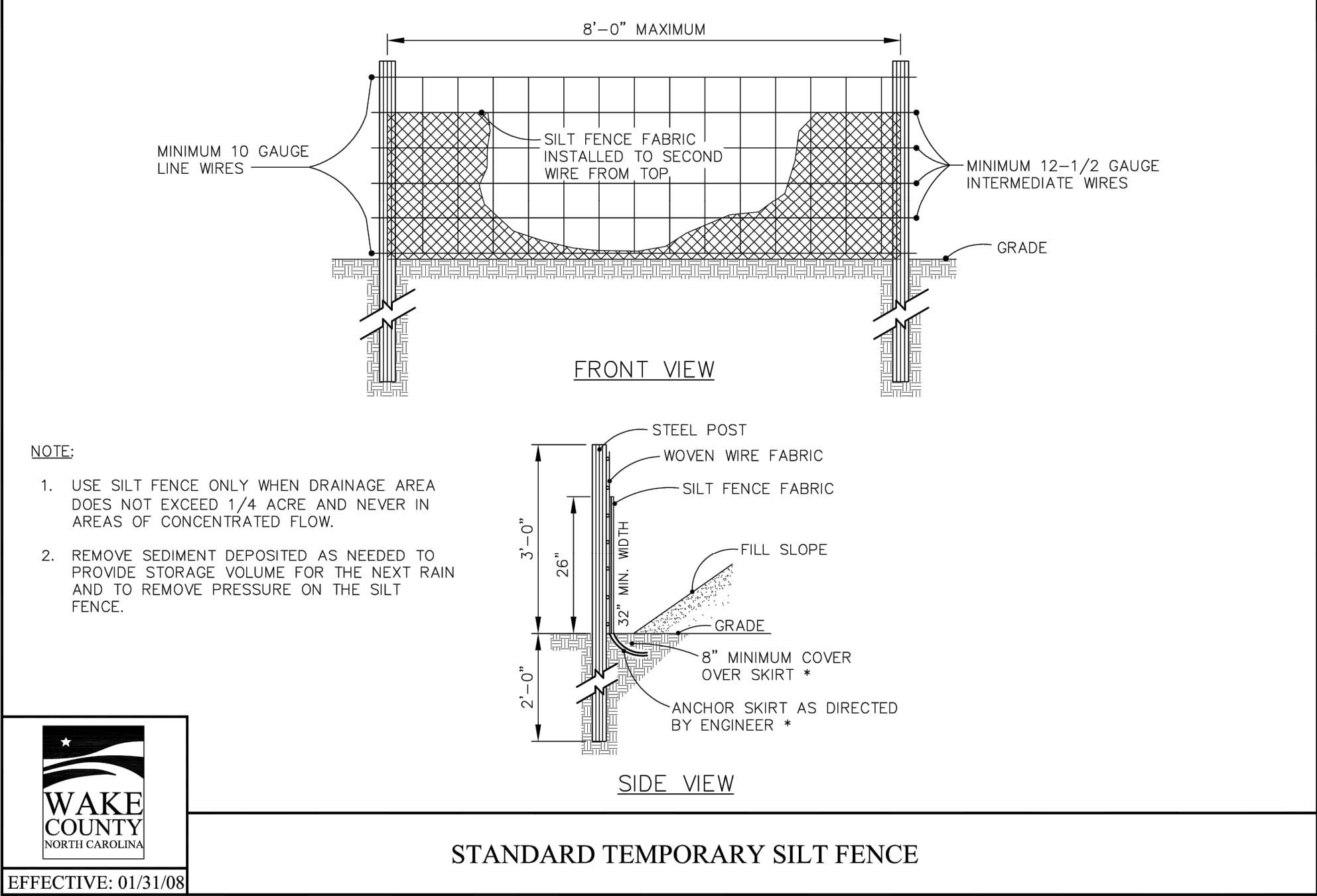
EROSION CONTROL DETAILS (1 OF 2)

NOT FOR CONSTRUCTION
FILE NUMBER: 8430-03
DATE: 10/09/2023

811
Know what's below.
Call before you dig.

C6-2

G:\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\Ofc\ShtR6-1 - P\MT-MRKG-DET-L-RD.dwg Layout: C6-3 EROSION CONTROL DETAILS (2 OF 2) Plotted: 10/9/2023 9:16:26 AM



PER TOWN OF ROLESVILLE COMMENT		DATE	DESCRIPTION
10/09/2023			
DESIGNED BY:	DF/JWM	REV	
DRAWN BY:	JWM		
REVIEWED BY:	DF		
BCE			
5440 WADE PARK BLVD, SUITE 102 RALEIGH NC 27607 WWW.BCEINC.COM NC LICENSE #C-4397			
LENNAR CORPORATION			
1100 PERIMETER PARK DRIVE, SUITE 112 MORRISVILLE / NORTH CAROLINA / 27560			
YOUNG STREET CONNECTION			
408 E YOUNG STREET ROLESVILLE / NORTH CAROLINA / 27571			
EROSION CONTROL DETAILS (2 OF 2)			
NOT FOR CONSTRUCTION			
FILE NUMBER: 8430-03			
DATE: 10/09/2023			
C6-3			

