GRO PEG LN
60' PUBLIC R.O.W.
(BM 2008, PG 2198)

PLUTON RIDGE DRIVE
PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746
PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917
WH-10
STREAM SJ
SCM #1
SCM #4
WH-08
SLATE SPRINGS STREET
20.00' BUFFER ZONE 2 (TYP.)
30.00' BUFFER ZONE 1 (TYP.)
PROPERTY BOUNDARY (TYP.)
SILT FENCE OUTLET (TYP.)
SILT FENCE/LIMITS OF DISTURBANCE (TYP.)
SILT BAG (TYP.) TO BE EMPTIED AND REPLACED WHEN HALF FULL
OUTLET HOSE (TYP.)
PUMP (TYP.)
INTAKE HOSE (TYP.)
DCS (TYP.)
SKIMMER DEVICE (TYP.)
FES (TYP.)
DISSIPATOR PAD (TYP.)
WA-01
STREAM SA
IGNEOUS STREET
FLATROCK RIDGE STREET
LAVA STREET
PLUTON RIDGE DRIVE
MILLPOND BLUFF DRIVE
STREAM SH
WH-01
SCM #3
SCM #2
SCM #7
SCM #6
WA-04
EX. POND
SCM #5
SCM #8
WH-11
WH-03
MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 445)
LIMESTONE WALL LANE
WA-03
YI (TYP.)
STREAM SF
TEMPORARY INLET PROTECTION (TYP.)
CB (TYP.)
STREAM SI
LIMITS OF DISTURBANCE (TYP.)
BOULDER MILL DRIVE
MAGMA CHAMBER WAY
MANLY FARM RD

LEGEND:

- EXISTING ADJOINER PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- EX. MAJOR CONTOURS
- EX. MINOR CONTOURS
- PROP. MAJOR CONTOURS
- PROP. MINOR CONTOURS
- STANDARD CURB & GUTTER
- PROPOSED STORM DRAIN LINE
- PROPOSED LOT LINE
- SILT FENCE/ LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE
- INLET PROTECTION
- PROPOSED FLARED END SECTION
- TEMPORARY SKIMMER
- SILT FENCE OUTLET
- DISSIPATOR PAD
- EXISTING WETLAND

NOTES:
THIS IS A SINGLE PHASE PROJECT.
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

GRAPHIC SCALE
200 0 100 200 400 800
(IN FEET)
1 inch = 200 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE I/C-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

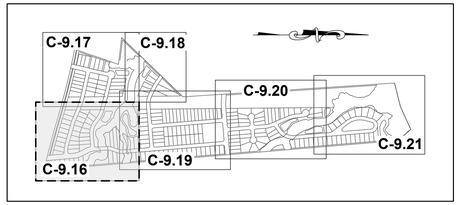
STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN - OVERALL STAGE 3

DRAWING SHEET
C-9.15

PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0

MATCH LINE
FOR CONTINUATION, SEE C-9.17

MATCH LINE
FOR CONTINUATION, SEE C-9.19

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
70' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 445)

MANLY FARM RD

SILT BAG (TYP.) TO BE EMPTIED AND REPLACED WHEN HALF FULL
OUTLET HOSE (TYP.)
PUMP (TYP.)
INTAKE HOSE (TYP.)
DISSIPATOR PAD (TYP.)
FES (TYP.)
OCS (TYP.)
SKIMMER DEVICE (TYP.)
ELECTRIC EASEMENT
SCM #2
SCM #3
TEMPORARY INLET PROTECTION (TYP.)
CB (TYP.)
LIMITS OF DISTURBANCE (TYP.)
WETLANDS (WH-11)
WH-01
WH-03
20.00' BUFFER ZONE 2
30.00' BUFFER ZONE 1
STREAM SH
STREAM SI
SILT FENCE OUTLET (TYP.)
SILT FENCE LIMITS OF DISTURBANCE (TYP.)

N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES, ET,AL
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

N/F
JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCER
PIN: 1757857937
DB: 9320 PG: 1460
BM 1993 PG 446
ZONING: R-30 (WC) USE: SF

N/F
ANDERSON, BOBBY G
PIN: 1757868104
DB: 8776 PG: 573
BM 1993 PG 446
ZONING: R-30 (WC) USE: MO

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

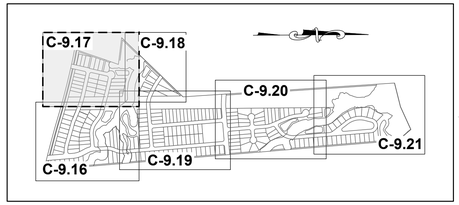
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN - STAGE 3

DRAWING / SHEET
C-9.16

63 OF 129



SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0

N/F
UTILITY THREE BUILDERS INC
PIN: 1757656231
DB: 18226 PG: 2104
ZONING: R-30 (WC) USE: SF

N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

WILLIE RAY SUTTON AND WIFE, PAMELA Z. SUTTON
PIN: 1757657280
DB 2958 PG 536
BM 1981 PG 294
ZONING: R-30 (WC) USE: SF

N/F
UTILITY THREE BUILDERS INC
PIN: 1757646703
DB: 18226 PG: 2104
BM: 1981 PG:895
ZONING: R-30 (WC) USE: SF

N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

N/F
HAMPTON, MELODY L
PIN: 1757754163
DB: 4777 PG: 764
BM 1990 PG 511
ZONING: R-30 (WC) USE: SF

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 445)

PLUTON RIDGE DRIVE
60' PUBLIC R/W

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

PRIVATE OFFSITE DRIVEWAY 1
FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2
FOR PIN # 1757658917

SILT FENCE/LIMITS OF DISTURBANCE (TYP.)

SILT FENCE OUTLET (TYP.)

SILT FENCE/LIMITS OF DISTURBANCE (TYP.)

TEMPORARY INLET PROTECTION (TYP.)

CB (TYP.)

YI (TYP.)

WH-10

STREAM SJ

STREAM SH

SILT BAG (TYP.) TO BE EMPTIED AND REPLACED WHEN HALF FULL

OUTLET HOSE (TYP.)

PUMP (TYP.)

DISSIPATOR PAD (TYP.)

INTAKE HOSE (TYP.)

FES (TYP.)

OCS (TYP.)

SKIMMER DEVICE (TYP.)

SCM #1

20.00' BUFFER ZONE 2

30.00' BUFFER ZONE 1

BM 2017 PG 218

MATCH LINE
FOR CONTINUATION, SEE C-9.18

MATCH LINE
FOR CONTINUATION, SEE C-9.16

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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02	TOWN OF ROLESVILLE VC-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

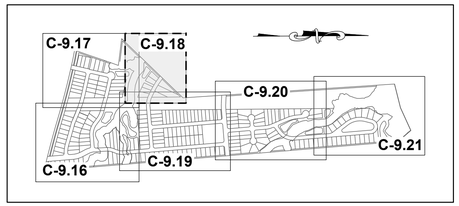
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STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN - STAGE 3

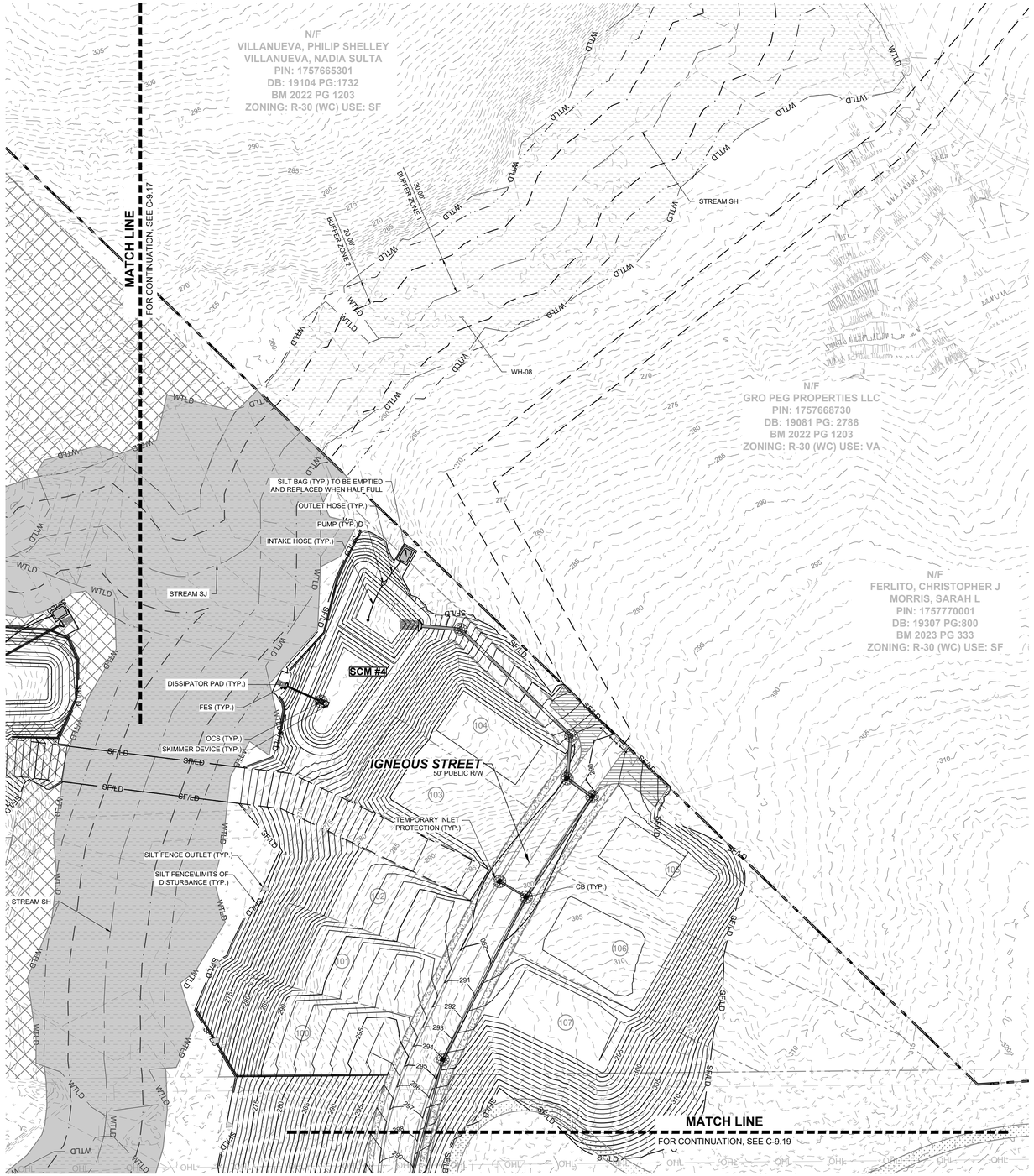
DRAWING / SHEET
C-9.17

64 OF 129



SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN - STAGE 3

DRAWING / SHEET
C-9.18

65 OF 129

PROGRESS PLOT DATE: 01/24/2025

MATCH LINE
FOR CONTINUATION, SEE C-9.18

MATCH LINE
FOR CONTINUATION, SEE C-9.20

MATCH LINE
FOR CONTINUATION, SEE C-9.16

IGNEOUS STREET
50' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

SCM #3

SILT FENCE OUTLET (TYP.)

SILT FENCE/LIMITS OF DISTURBANCE (TYP.)

OUTLET HOSE (TYP.)

SILT BAG (TYP.) TO BE EMPTIED AND REPLACED WHEN HALF FULL

DISSIPATOR PAD (TYP.)

FES (TYP.)

PUMP (TYP.)

INTAKE HOSE (TYP.)

OCS (TYP.)

SKIMMER DEVICE (TYP.)

CB (TYP.)

TEMPORARY INLET PROTECTION (TYP.)

WH-01

WH-03

30.0' BUFFER ZONE 1

20.0' BUFFER ZONE 2

STREAM SI

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC)
USE: MO

N/F
GOLD, SHARIE
PIN: 1757866660
DB: PG:
BM 1990 PG 00623
ZONING: R-30 (WC) USE: SF

N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

N/F
LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA
PIN: 1757876015
DB: 14356 PG: 1438
BM 2002 PG 352
ZONING: R-30 (WC) USE: SF

N/F
BEATTIE, LENORA M
PIN: 1757875349
DB: 07-E PG: 2834
ZONING: R-30 (WC) USE: SF

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN
C-9.16 C-9.17 C-9.18 C-9.19 C-9.20 C-9.21

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0

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02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

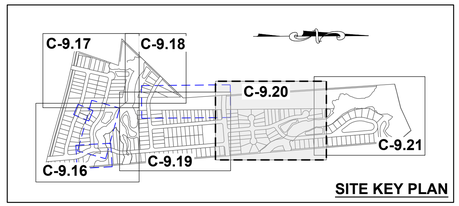
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STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN - STAGE 3

DRAWING SHEET
C-9.19

PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

NOTE:

EROSION CONTROL NOTES : SEE SHEET C-9.0

N/F
GRO PEG PROPERTIES LLC
PIN: 1757771603
DB: 18359 PG:1707
BM 2023 PG 333
ZONING: R-30 (WC) USE: VA

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757780258
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: SF

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757781960
DB: 14863 PG: 2493
BM 2009 PG 645
ZONING: R-30 (WC) USE: VA

MATCH LINE
FOR CONTINUATION, SEE C-9.19

MATCH LINE
FOR CONTINUATION, SEE C-9.21

SILT FENCE OUTLET (TYP.)

SILT FENCE\LIMITS OF DISTURBANCE (TYP.)

ELECTRIC EASEMENT
180.0'

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

BOULDER MILL DRIVE

CB (TYP.)

TEMPORARY INLET PROTECTION (TYP.)

SCM #5

SCM #6

SKIMMER DEVICE (TYP.)
OCS (TYP.)
INTAKE HOSE (TYP.)
PUMP (TYP.)
OUTLET HOSE (TYP.)
FES (TYP.)
SILT BAG (TYP.) TO BE EMPTIED AND REPLACED WHEN HALF FULL
DISSIPATOR PAD (TYP.)

EXISTING POND 1

WA-03
WA-04

STREAM SA
STREAM SF

30.0'
BUFFER ZONE 1

20.0'
BUFFER ZONE 2

N/F
LEFRANCOIS, STEPHEN D
PIN: 1757874787
DB: 5638 PG: 497
ZONING: R-30 (WC) USE: SF

N/F
ADAMS, BENJAMIN ADAMS, WHITNEY
PIN: 1757874938
DB: 18930 PG: 1511
BM 2006 PG 2397
ZONING: R-30 (WC) USE: SF

N/F
JONES PROPERTIES LLC
PIN: 1757884137
DB: 11404 PG: 2275
BM 1986 PG 01374
ZONING: R-30 (WC) USE: MO

N/F
JONES PROPERTIES LLC
PIN: 1757884420
DB: 12589 PG: 1045
BM 1986 PG 1374
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757884608
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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No.	DATE	BY	REVISIONS
01	11/01/2024	SREG	TOWN OF ROLESVILLE CID-24-07
02	02/03/2025	SREG	TOWN OF ROLESVILLE VC-CID-24-07

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
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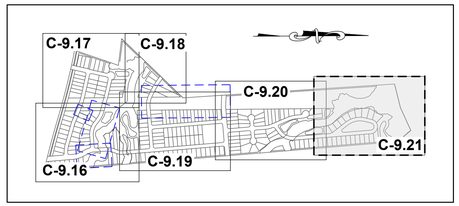
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN - STAGE 3

DRAWING SHEET
C-9.20

67 OF 129

PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

NOTE:

EROSION CONTROL NOTES : SEE SHEET C-9.0

MATCH LINE
FOR CONTINUATION, SEE C-9.20

GRO PEG LN
60' PUBLIC R.O.W.
(BM 2008, PG 2199)

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757790646
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: VA

N/F
JONES, CHARLES E
PIN: 1757694902
DB: 8581 PG: 2079
BM 2018 PG 390
ZONING: R-30 (WC) USE: VA

WA-01

STREAM SA

30.0'
BUFFER ZONE 1

20.0'
BUFFER ZONE 2

SILT FENCE\LIMITS OF DISTURBANCE (TYP.)

SILT FENCE OUTLET (TYP.)

CB (TYP.)

LIMESTONE WALL LANE
50' PUBLIC R/W

SCM #6

SCM #7

SCM #8

TEMPORARY INLET PROTECTION (TYP.)

INTAKE HOSE (TYP.)

PUMP (TYP.)

OUTLET HOSE (TYP.)

SILT BAG (TYP.) TO BE EMPTIED AND REPLACED WHEN HALF FULL

DISSIPATOR PAD (TYP.)

SKIMMER DEVICE (TYP.)

FES (TYP.)

40' EX. SANITARY SEWER EASEMENT

180.0'
ELECTRIC EASEMENT

EX. MH-28
STA: 15+72.93
RIM=254.41
INV IN=238.91 (MH-29)
INV OUT=238.91 (MH-27)

EX. MH-29
STA: 19+77.26
RIM=253.11
INV IN=240.26 (MH-30)
INV OUT=240.26 (MH-28)

EX. MH-30
STA: 22+14.65
RIM=251.44
INV IN=241.00 (MH-31)
INV OUT=241.05 (MH-29)

N/F
FORRESTER, JENNIFER N
FORRESTER, HAYES G
PIN: 1758707313
DB: 12620 PG: 2172
ZONING: RL (RO) USE: SF

N/F
JONES PROPERTIES LLC
PIN: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

N/F
RGA CONSULTING LLC
PIN: 757893646
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA

N/F
JONES, CHARLES SPENCE
PIN: 1757893394
DB: 2478 PG: 210
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757894101
DB: 2590 PG: 622
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

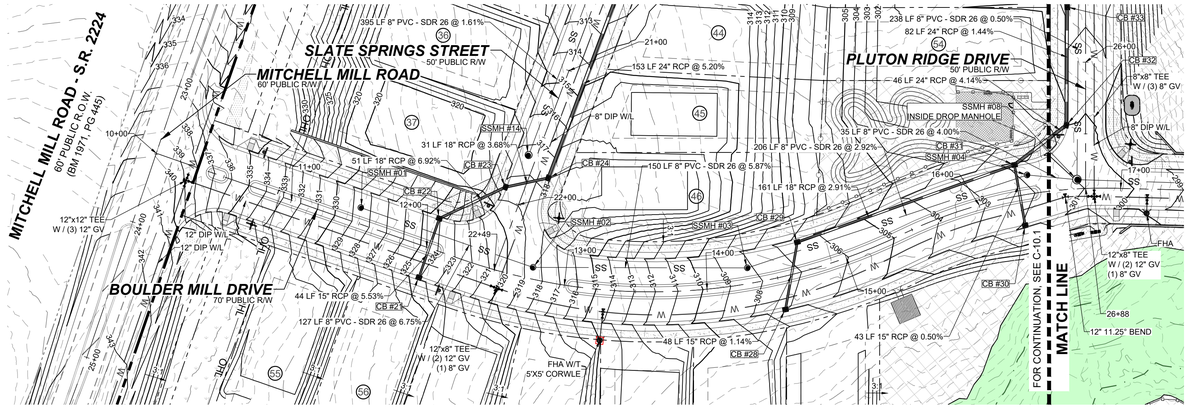
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STRONG ROCK PROJECT	
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DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN - STAGE 3

DRAWING SHEET
C-9.21

68 OF 129

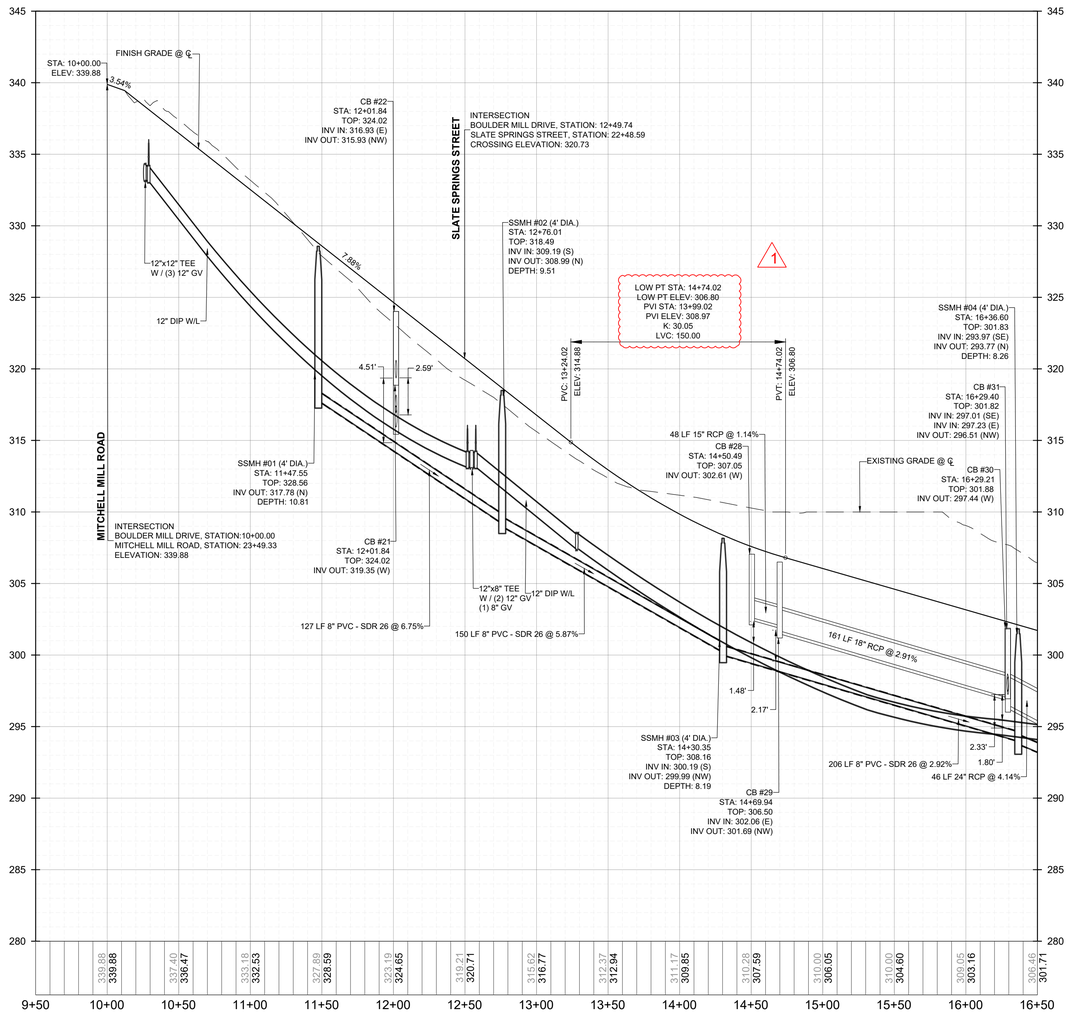


PROPOSED BOULDER MILL DRIVE - PLAN
HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



PROPOSED BOULDER MILL DRIVE - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE VC-CID-24-07

SEAL

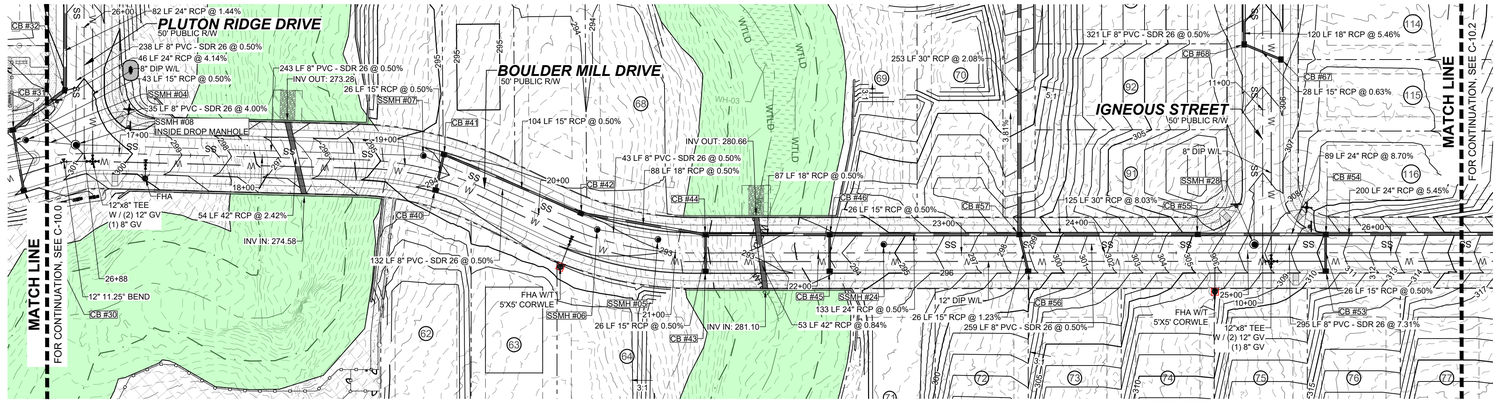
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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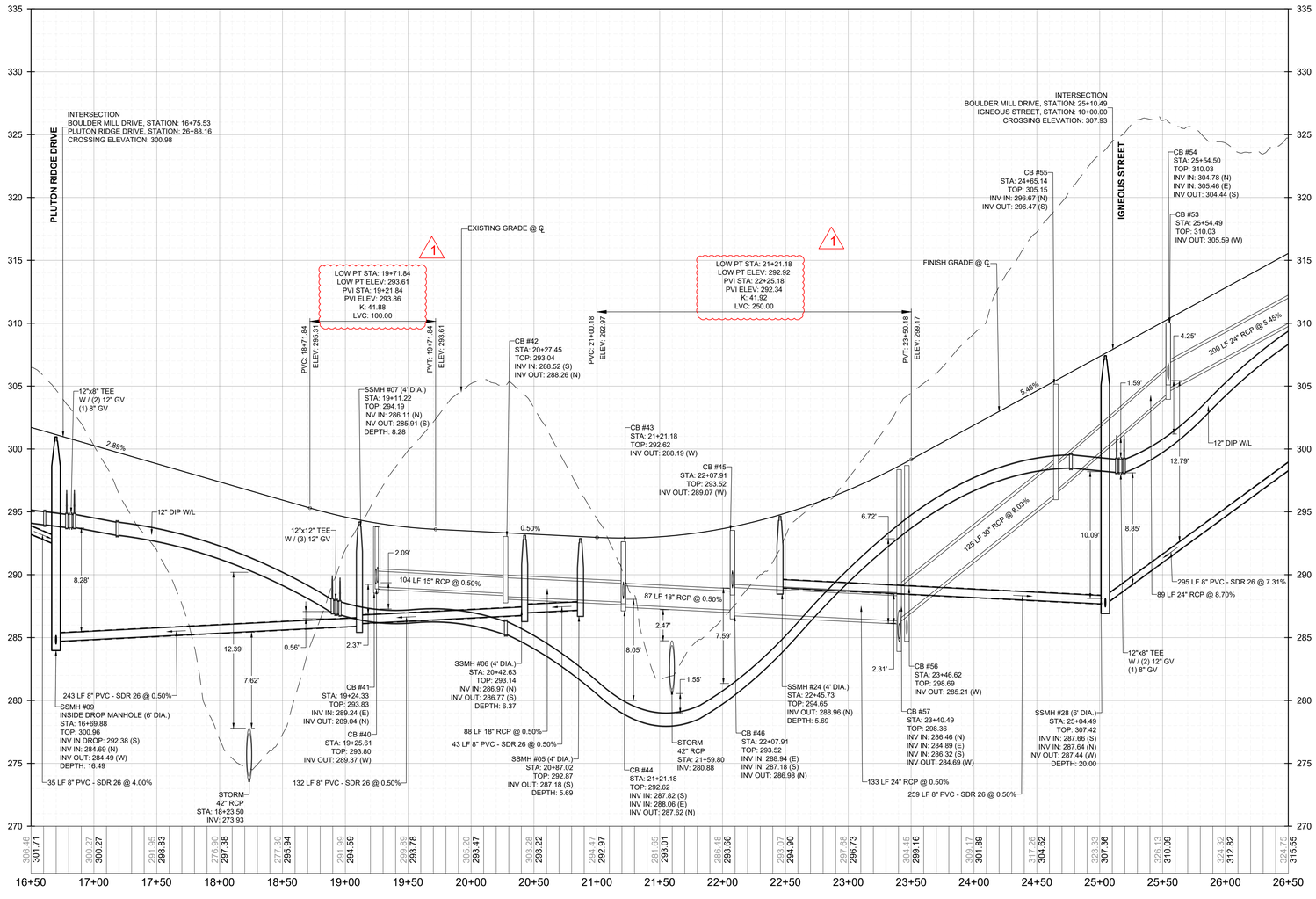
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE

DRAWING / SHEET
C-10.0



PROPOSED BOULDER MILL DRIVE - PLAN

HORIZONTAL: 1" = 50'



PROPOSED BOULDER MILL DRIVE - PROFILE

VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE YZ-CID-24-07

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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

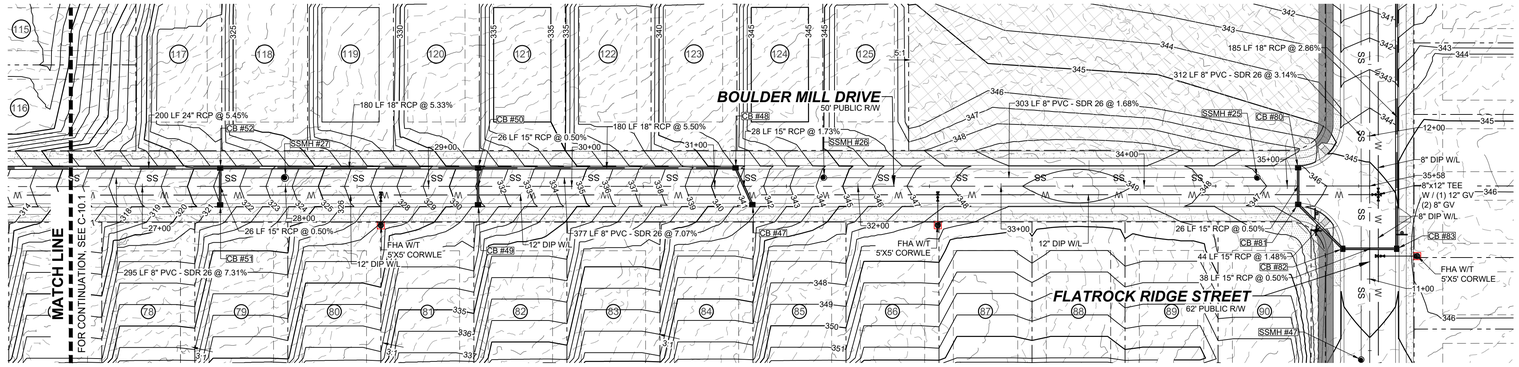
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE

DRAWING SHEET

C-10.1

70 OF 129

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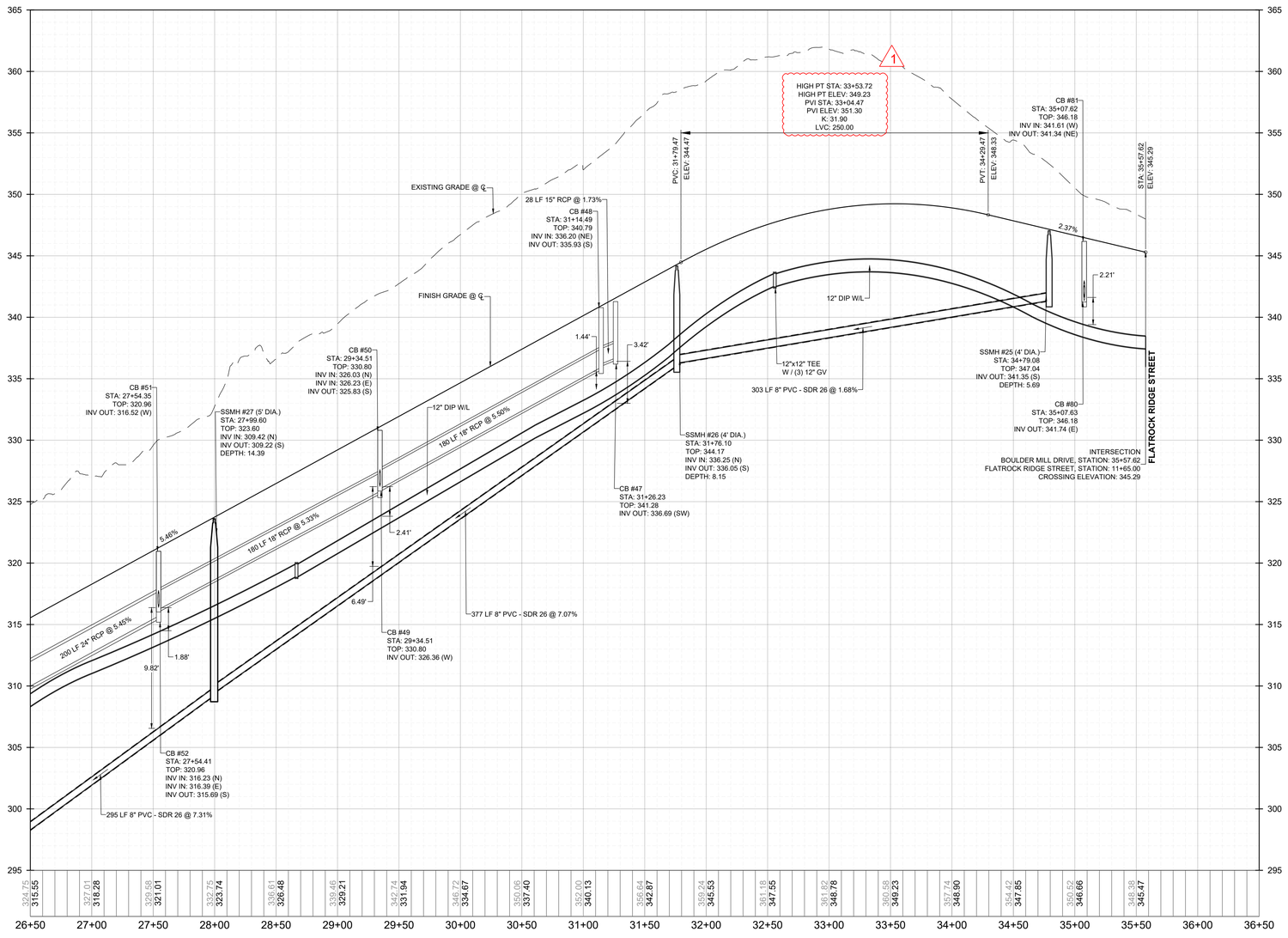
PROPOSED BOULDER MILL DRIVE - PLAN

HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



PROPOSED BOULDER MILL DRIVE - PROFILE

VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE I/C-CID-24-07

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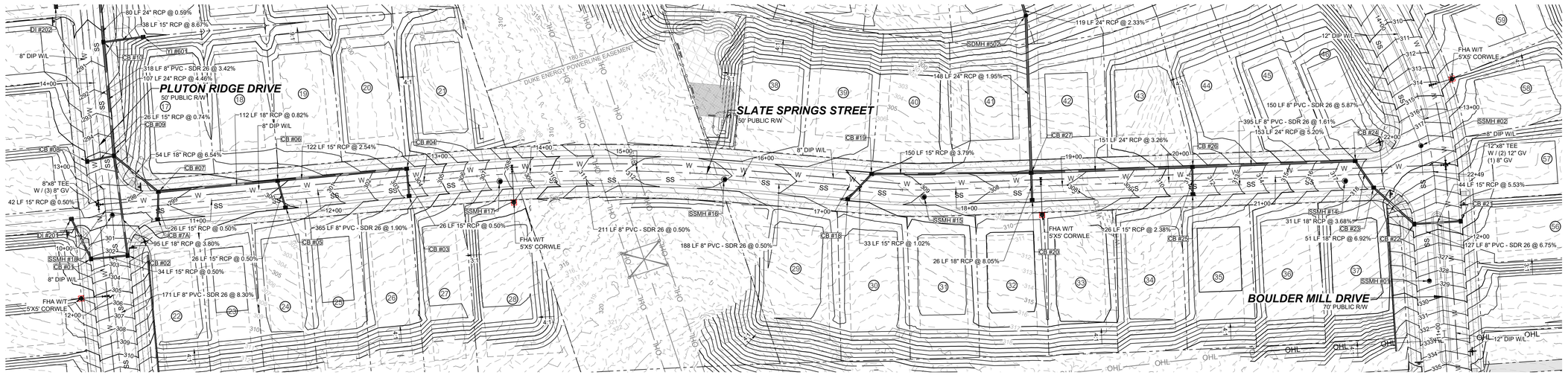
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STRONG ROCK PROJECT	
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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE

DRAWING SHEET
C-10.2

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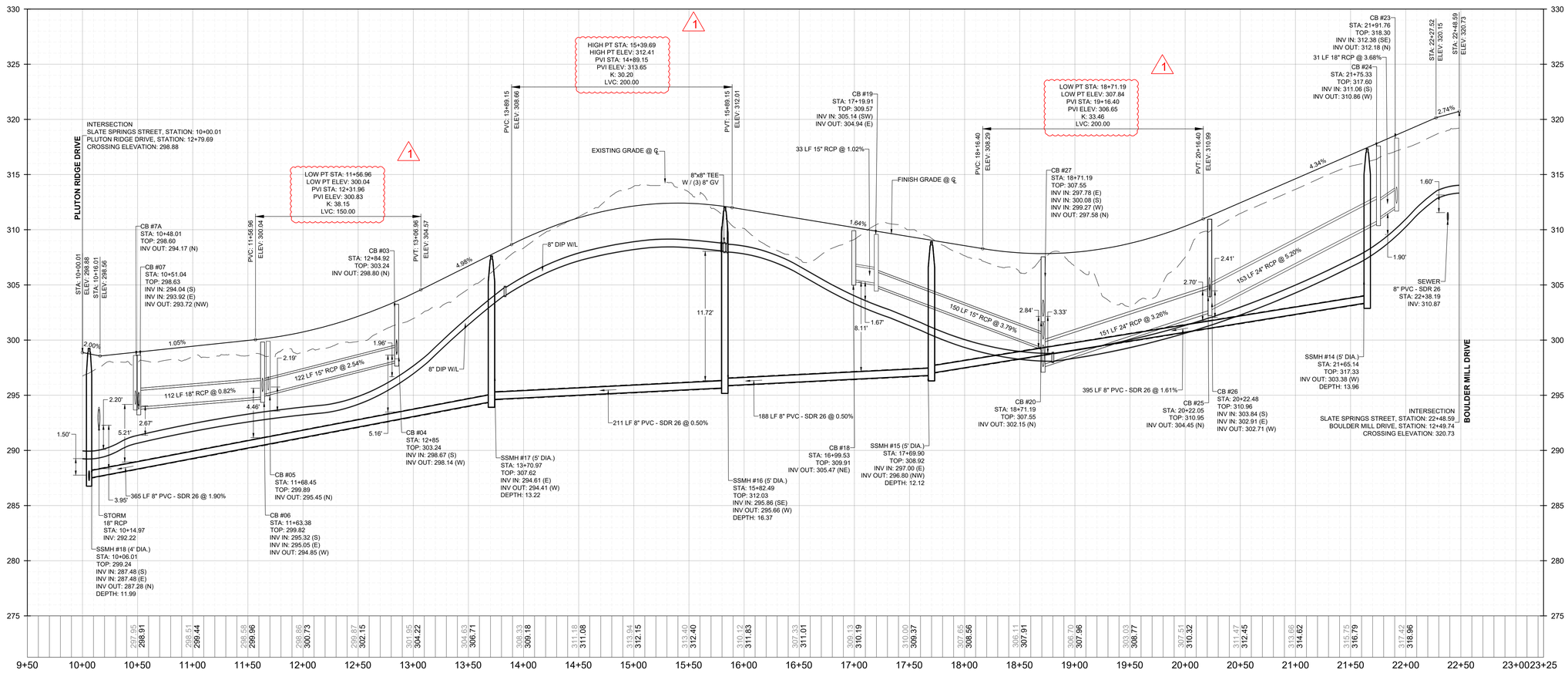
PROPOSED SLATE SPRINGS STREET - PLAN

HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



PROPOSED SLATE SPRINGS STREET - PROFILE

VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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01	11/01/2024	SREG	TOWN OF ROLESVILLE CID-24-07
02	02/03/2025	SREG	TOWN OF ROLESVILLE VC-CID-24-07

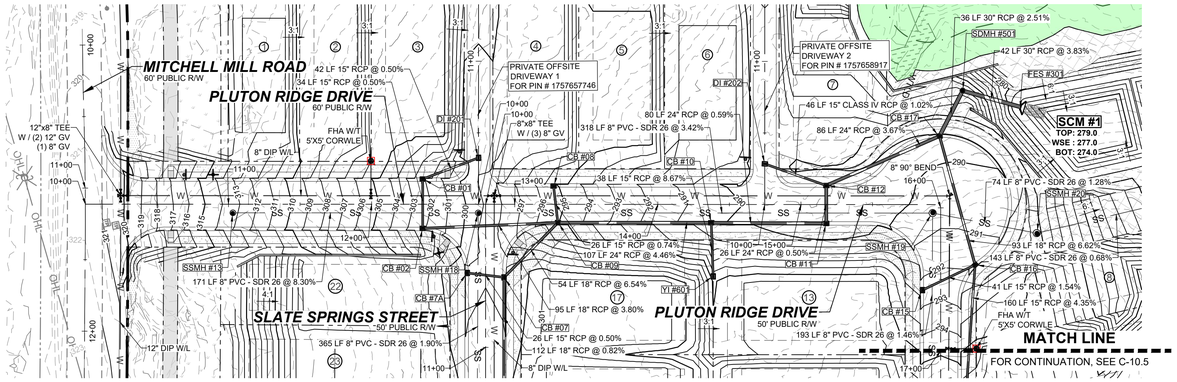
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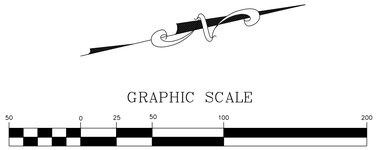
STRONG ROCK PROJECT			
	NOT FOR CONSTRUCTION		
	SCALE	AS SHOWN	
	DESIGNED BY	JWL	
	DRAWN BY	SRG	
	CHECKED BY	JWL	

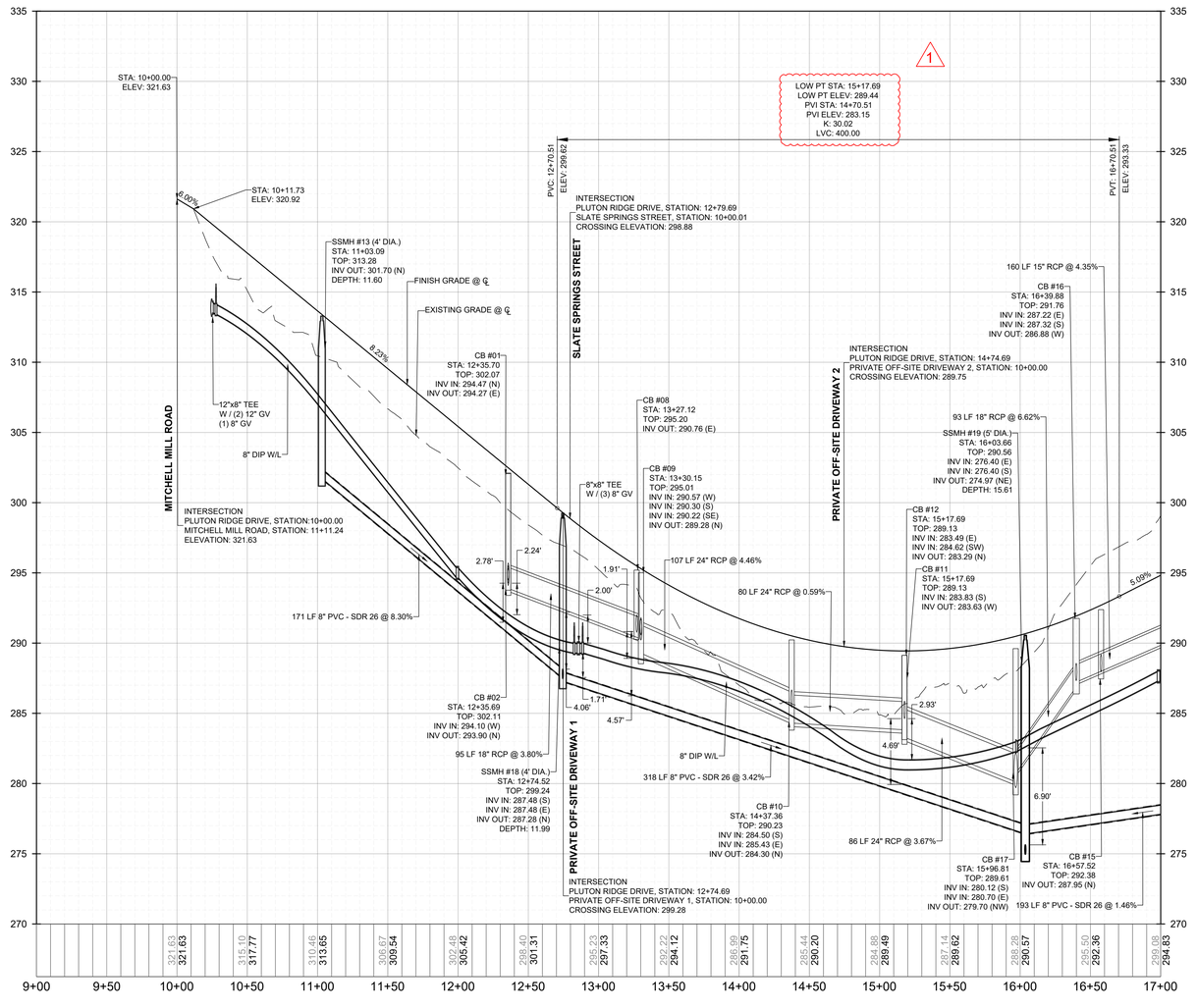
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED SLATE SPRINGS STREET - PLAN & PROFILE

DRAWING / SHEET
C-10.3



PROPOSED PLUTON RIDGE DRIVE - PLAN
HORIZONTAL: 1" = 50'





PROPOSED PLUTON RIDGE DRIVE - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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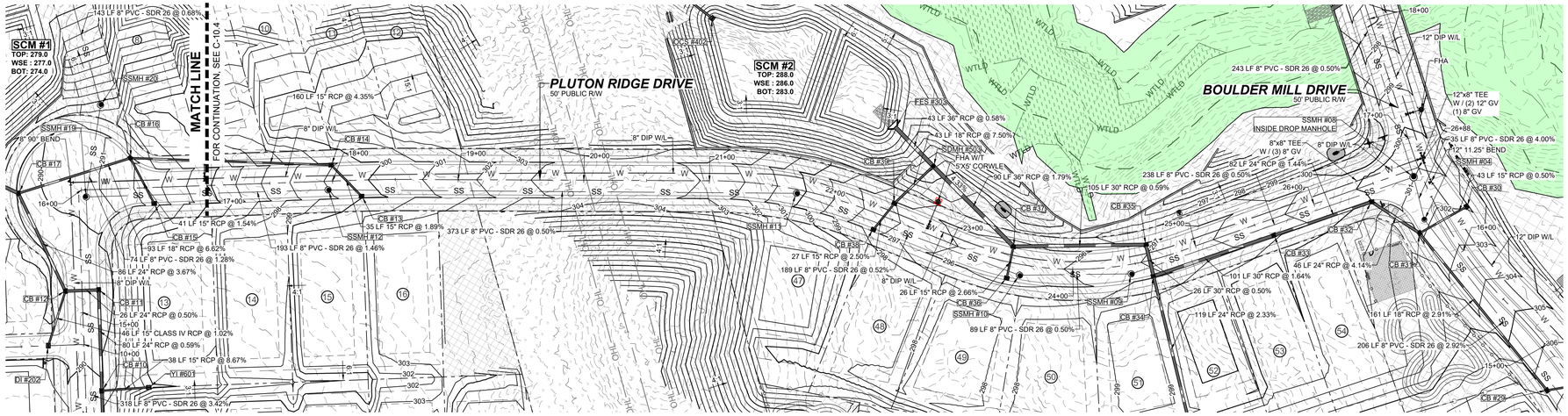
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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PROPOSED PLUTON RIDGE DRIVE - PLAN & PROFILE

DRAWING SHEET
C-10.4

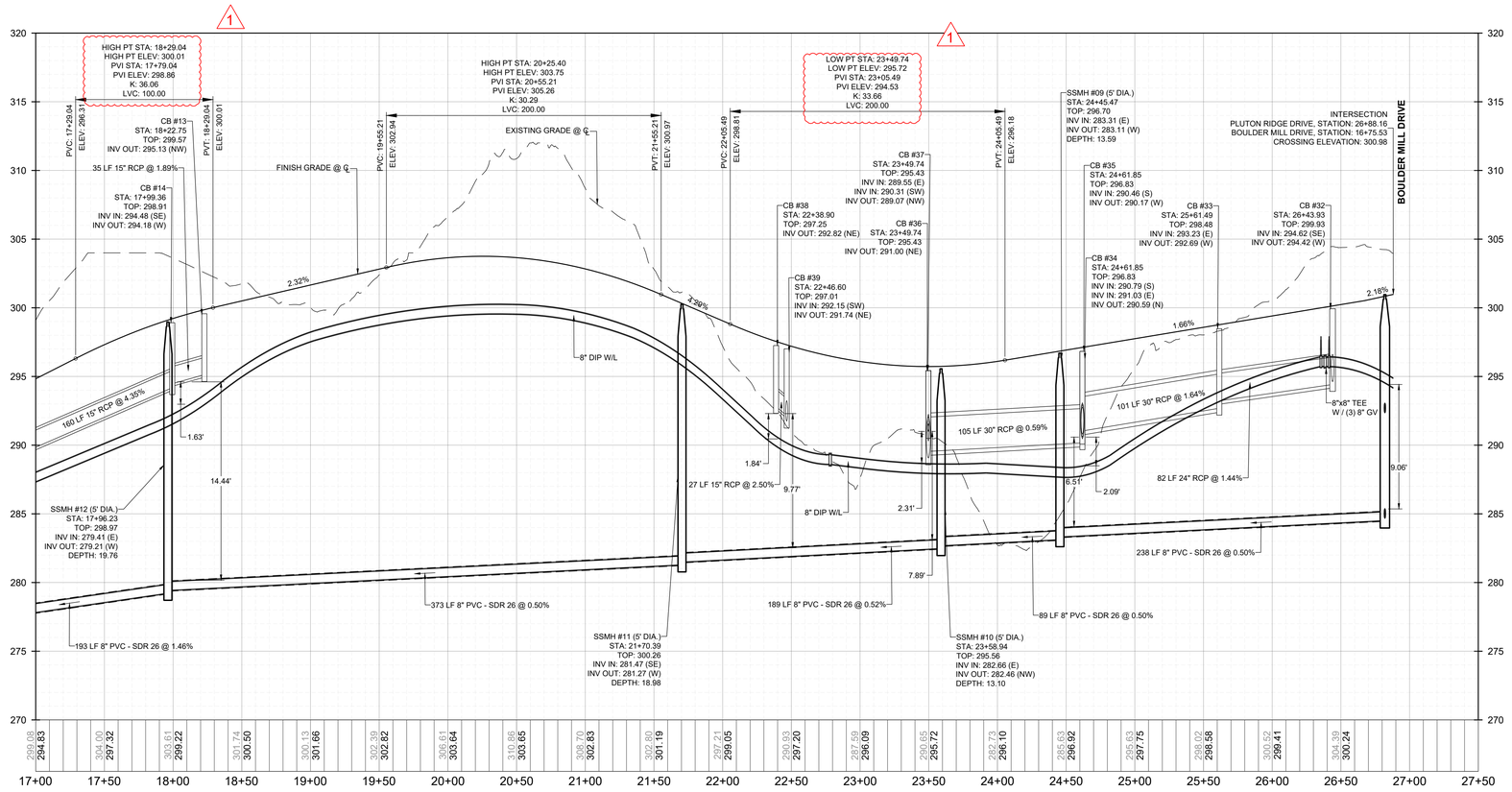


PROPOSED PLUTON RIDGE DRIVE - PLAN
HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



PROPOSED PLUTON RIDGE DRIVE - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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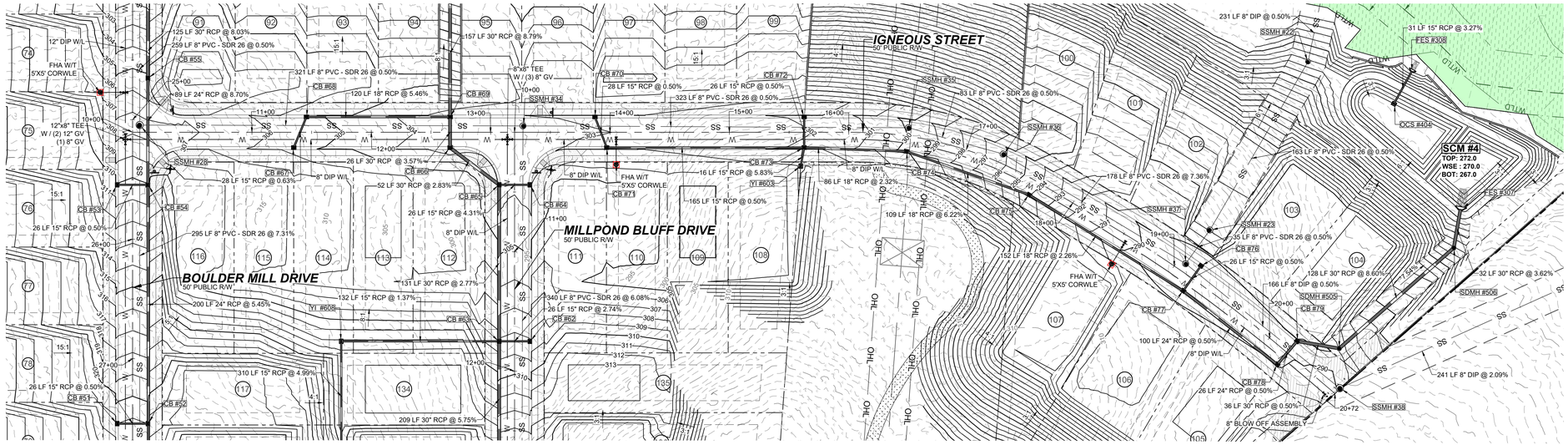
STRONGS ROCK PROJECT			
NOT FOR CONSTRUCTION			
SCALE	AS SHOWN	DESIGNED BY	JWL
		DRAWN BY	SRG
		CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

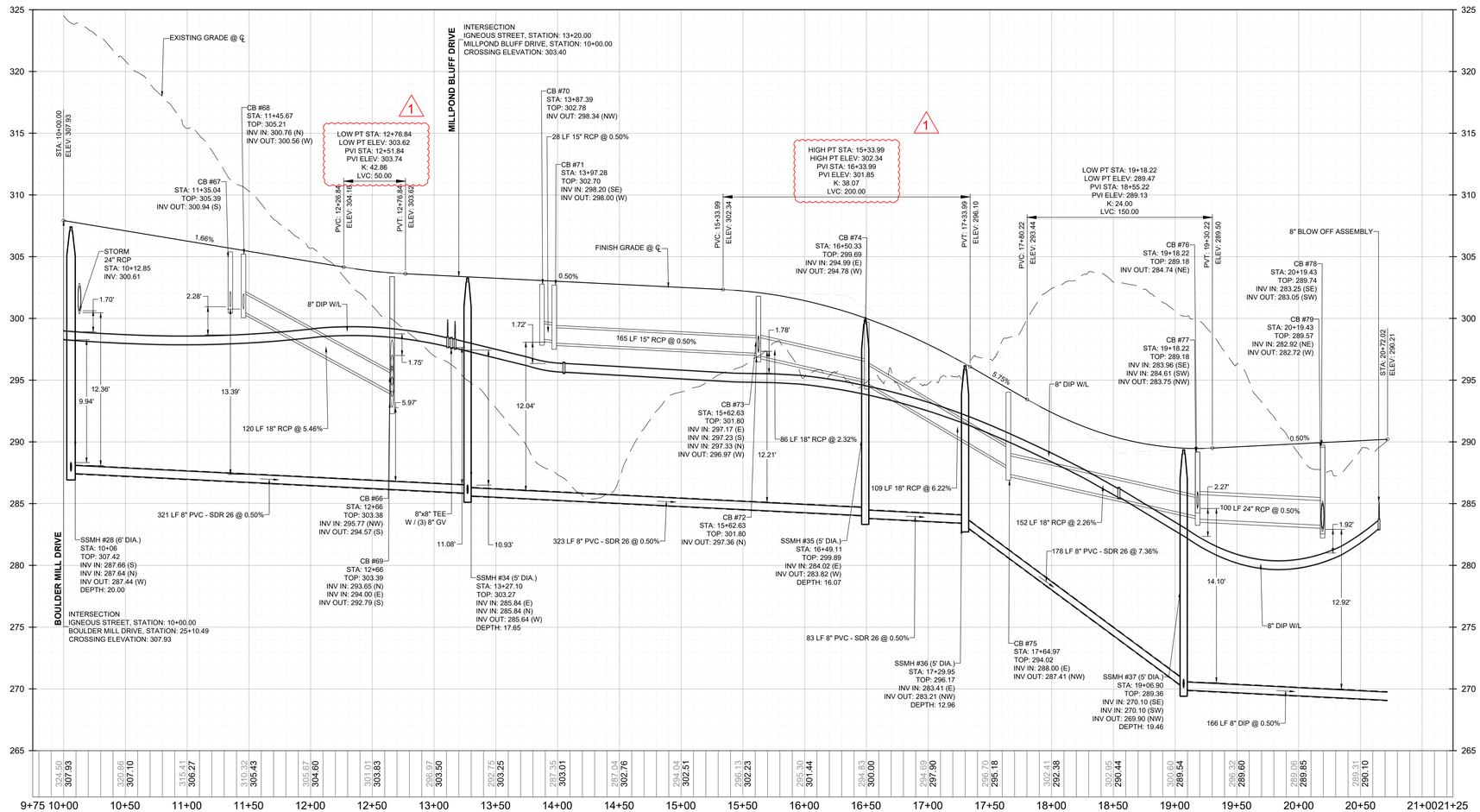
PROPOSED PLUTON RIDGE DRIVE - PLAN & PROFILE

DRAWING
SHEET
C-10.5

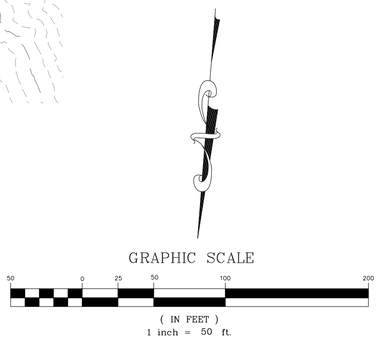
74 OF 129



PROPOSED IGNEOUS STREET - PLAN
HORIZONTAL: 1" = 50'



PROPOSED IGNEOUS STREET - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'



No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE 1ST-CID-24-07

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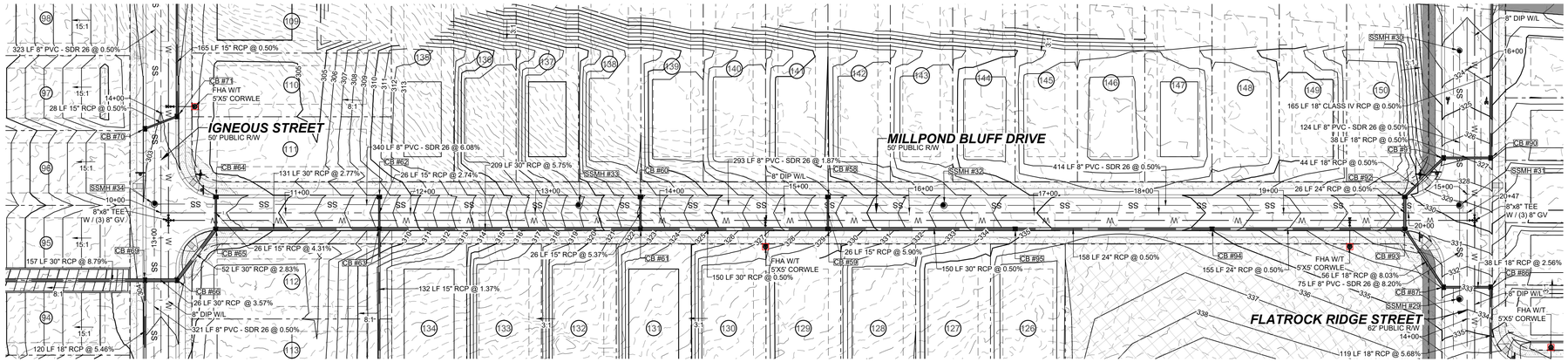
STRONG ROCK PROJECT	
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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PROPOSED IGNEOUS STREET PLAN & PROFILE

DRAWING SHEET
C-10.6

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GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

PROPOSED MILLPOND BLUFF DRIVE - PLAN

HORIZONTAL: 1" = 50'

PROPOSED MILLPOND BLUFF DRIVE - PROFILE

VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE VC-CID-24-07

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

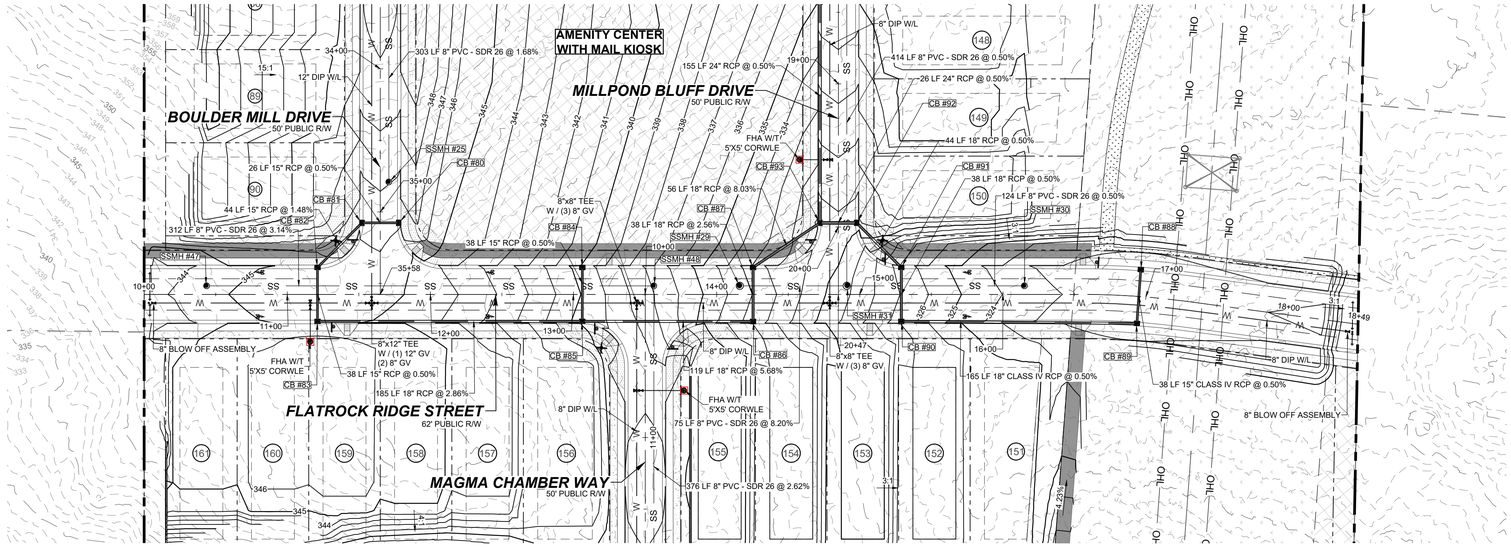
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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PROPOSED MILLPOND BLUFF DRIVE - PLAN & PROFILE

DRAWING SHEET
C-10.7

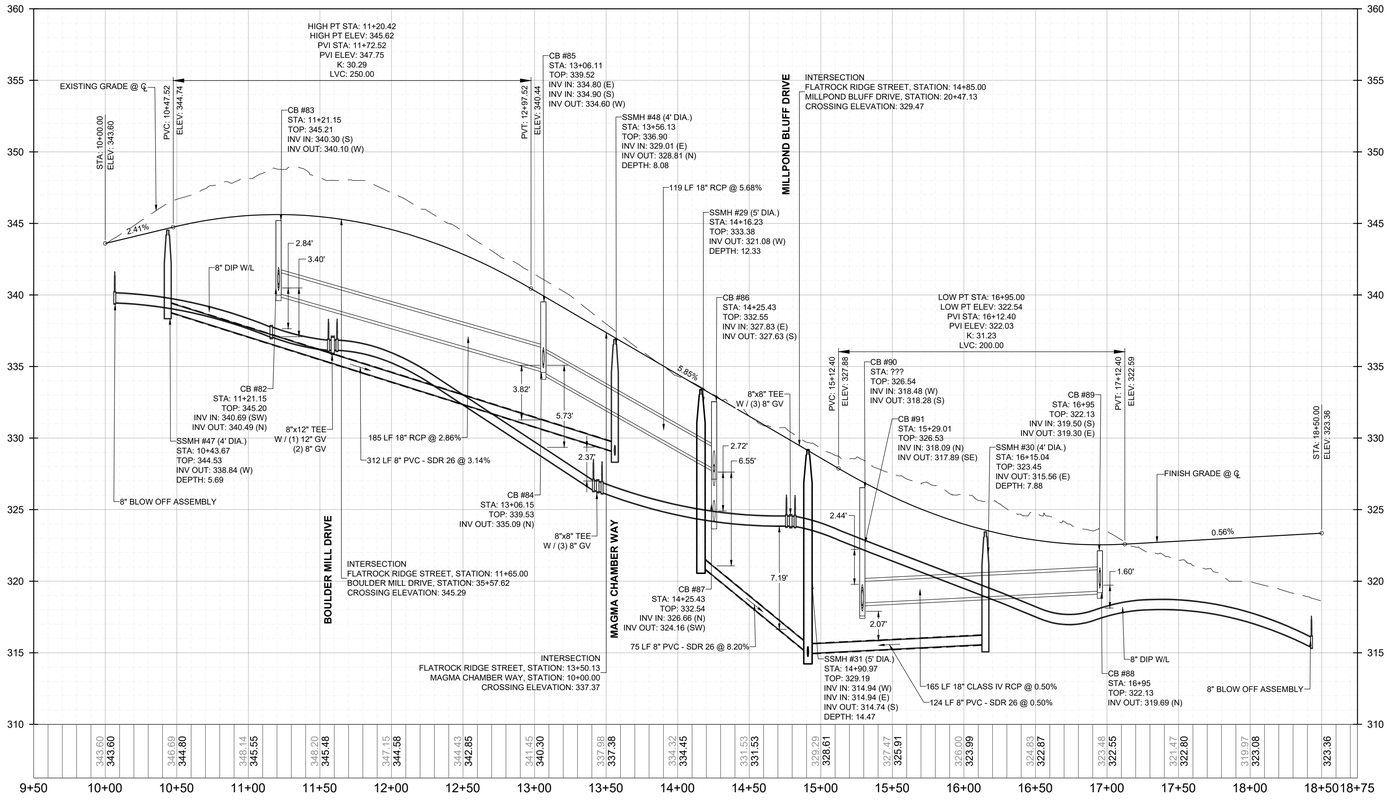


PROPOSED FLATROCK RIDGE STREET - PLAN
HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



PROPOSED FLATROCK RIDGE STREET - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VP-CID-24-07	02/03/2025	SREG

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SEAL

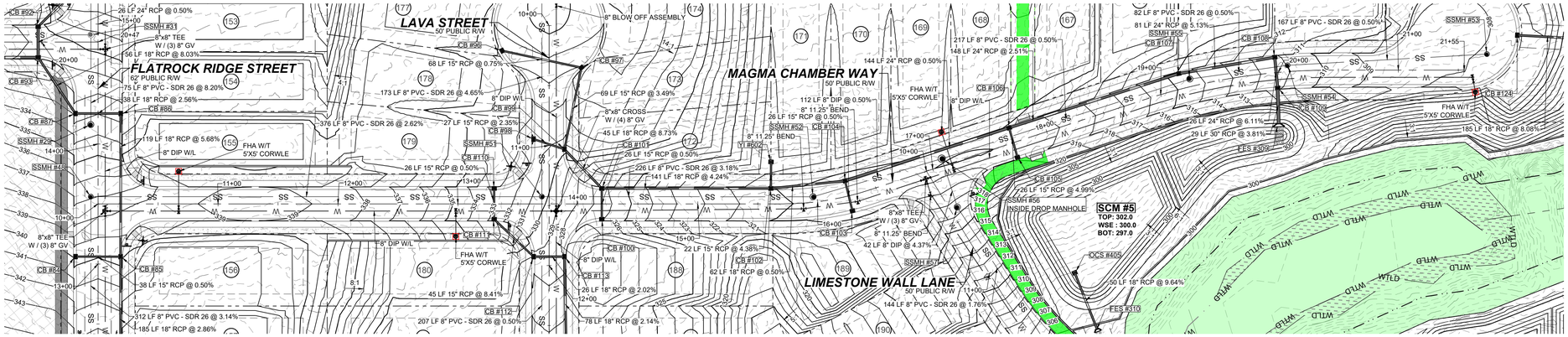
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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED FLATROCK RIDGE STREET PLAN & PROFILE

DRAWING SHEET
C-10.8

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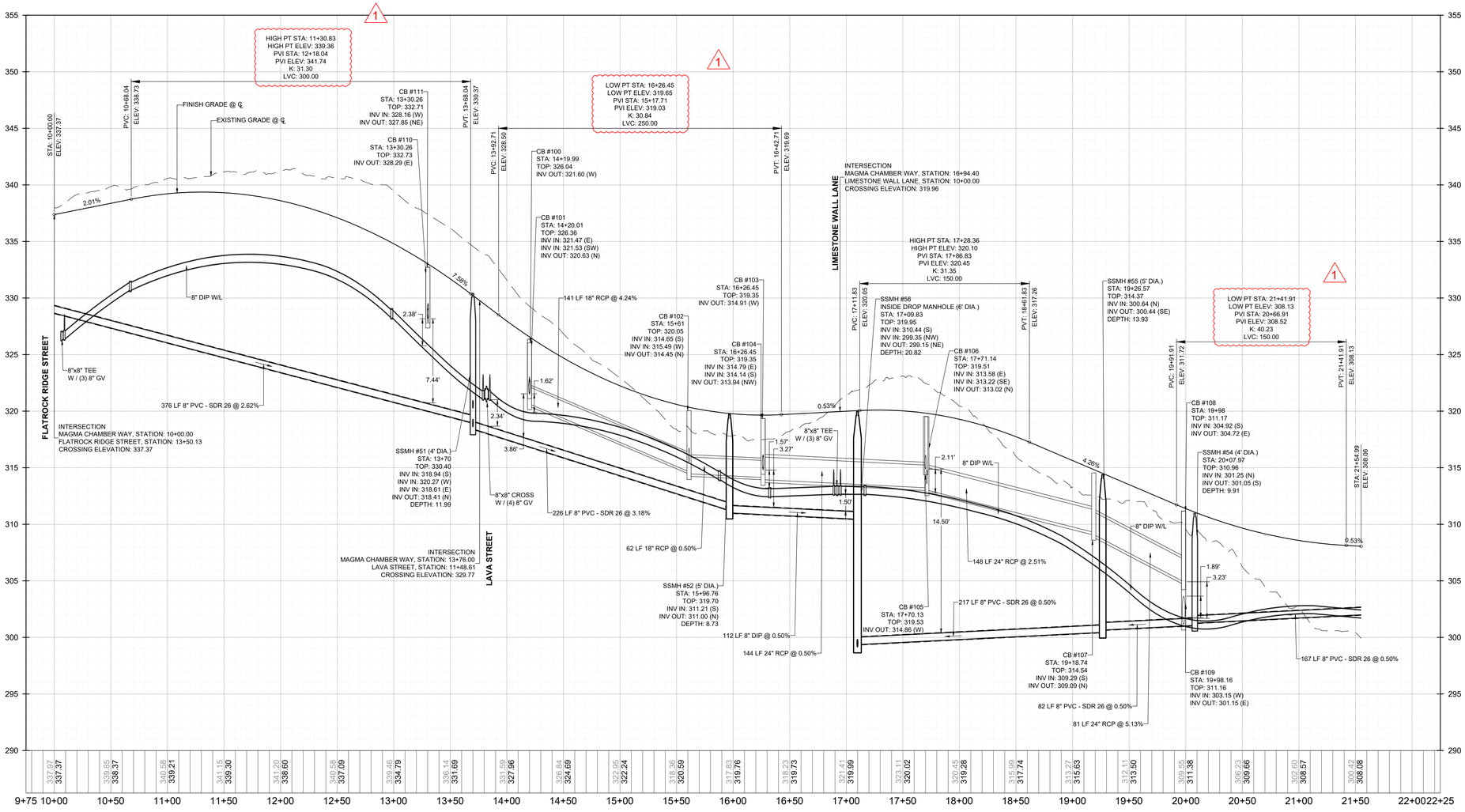
PROPOSED MAGMA CHAMBER WAY - PLAN

HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



PROPOSED MAGMA CHAMBER WAY - PROFILE

VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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01	11/01/2024	TOWN OF ROLESVILLE CID-24-07	SREG
02	02/03/2025	TOWN OF ROLESVILLE VP-CID-24-07	SREG

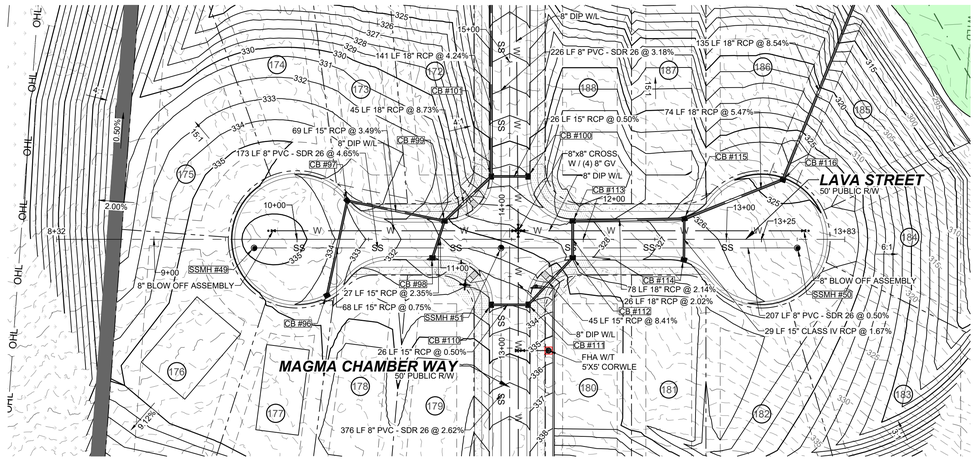
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NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
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DRAWN BY	SRG
CHECKED BY	JWL

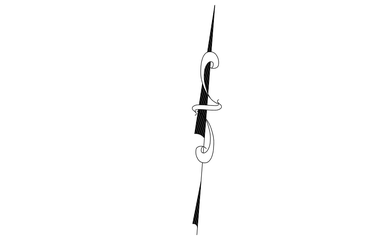
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED MAGMA CHAMBER WAY - PLAN & PROFILE

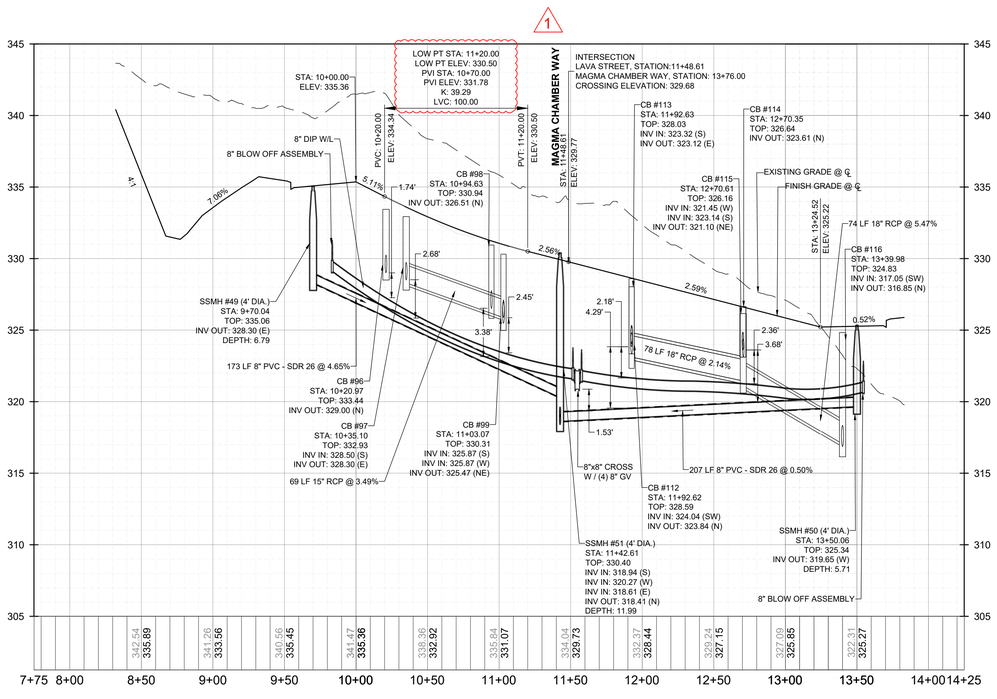
DRAWING SHEET
C-10.9



PROPOSED LAVA STREET - PLAN

HORIZONTAL: 1" = 50'





PROPOSED LAVA STREET - PROFILE

VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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No.	REVISIONS	DATE	BY
01.	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02.	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

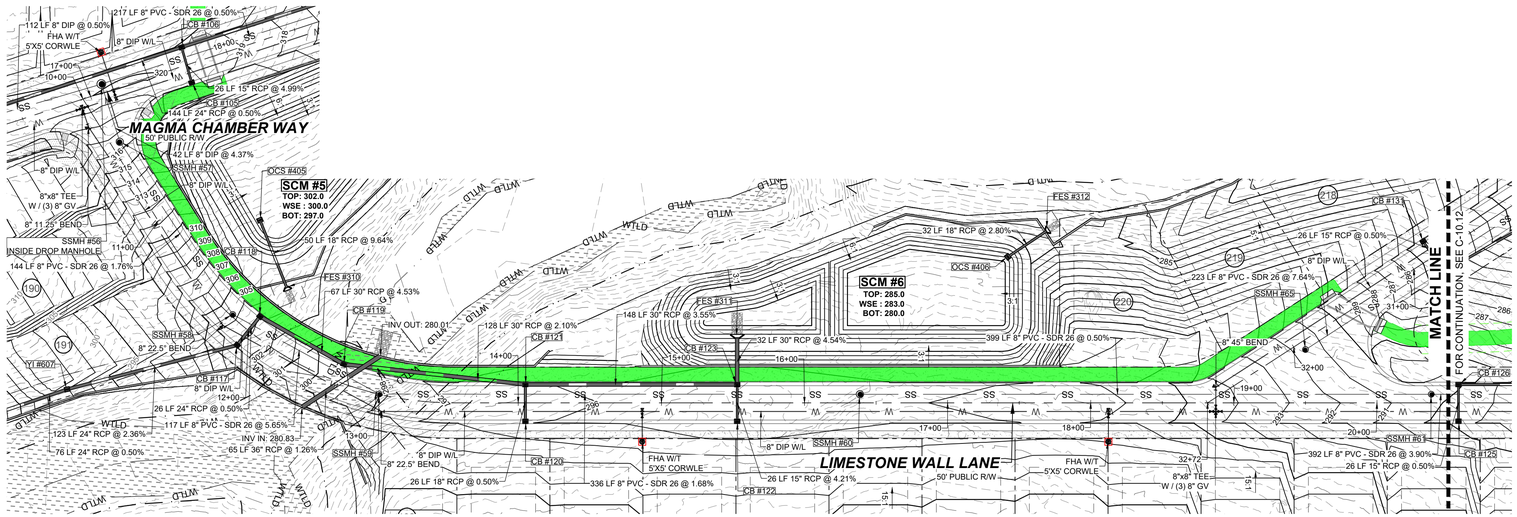
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	DESIGNED BY	JWL
	SCALE AS SHOWN	DRAWN BY	SRG
		CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PROPOSED LAVA STREET - PLAN & PROFILE

DRAWING SHEET

C-10.10



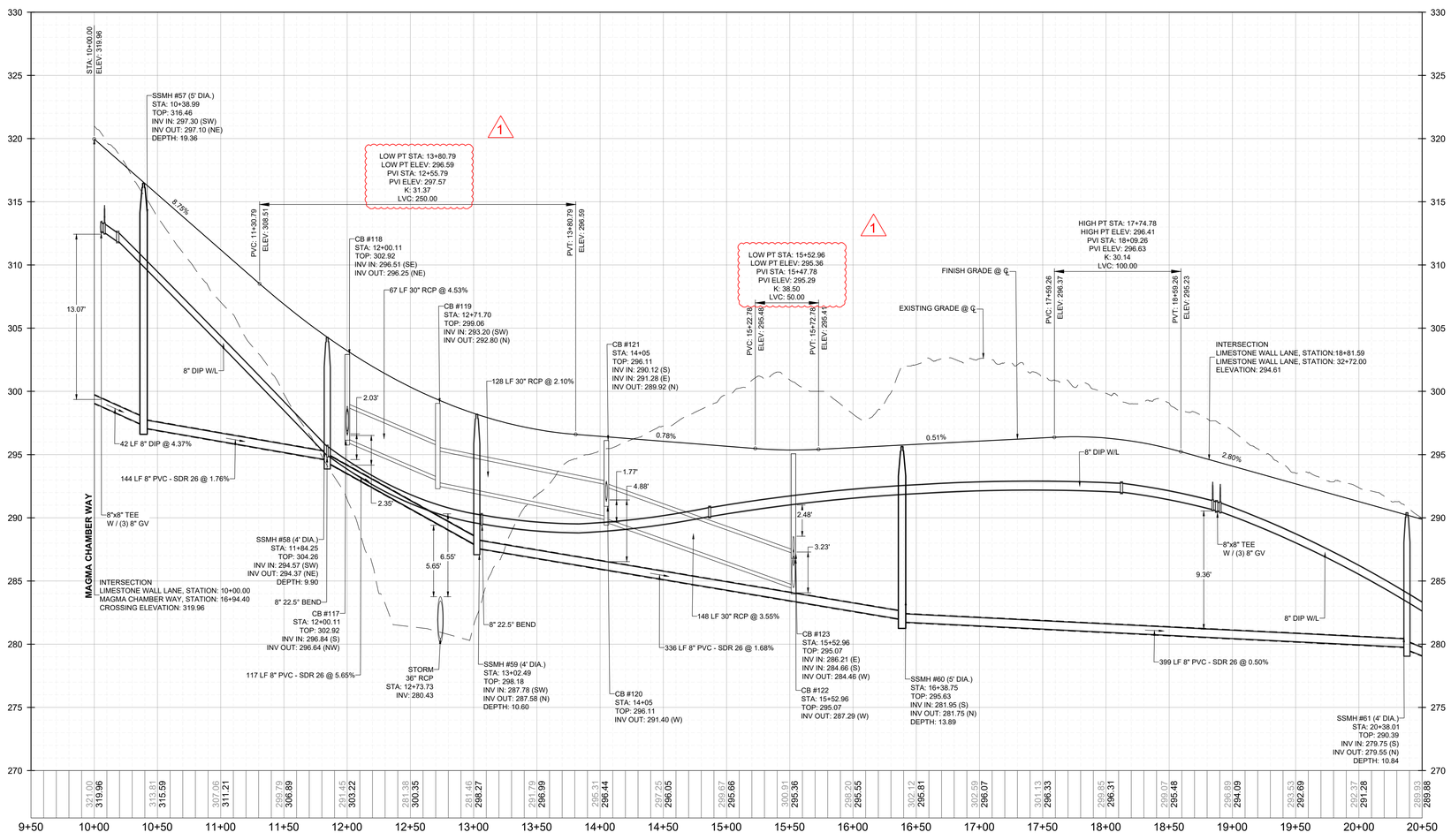
PROPOSED LIMESTONE WALL LANE - PLAN

HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



PROPOSED LIMESTONE WALL LANE - PROFILE

VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE 1Z-CID-24-07

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
SEAL

STRONG ROCK ENGINEERING GROUP

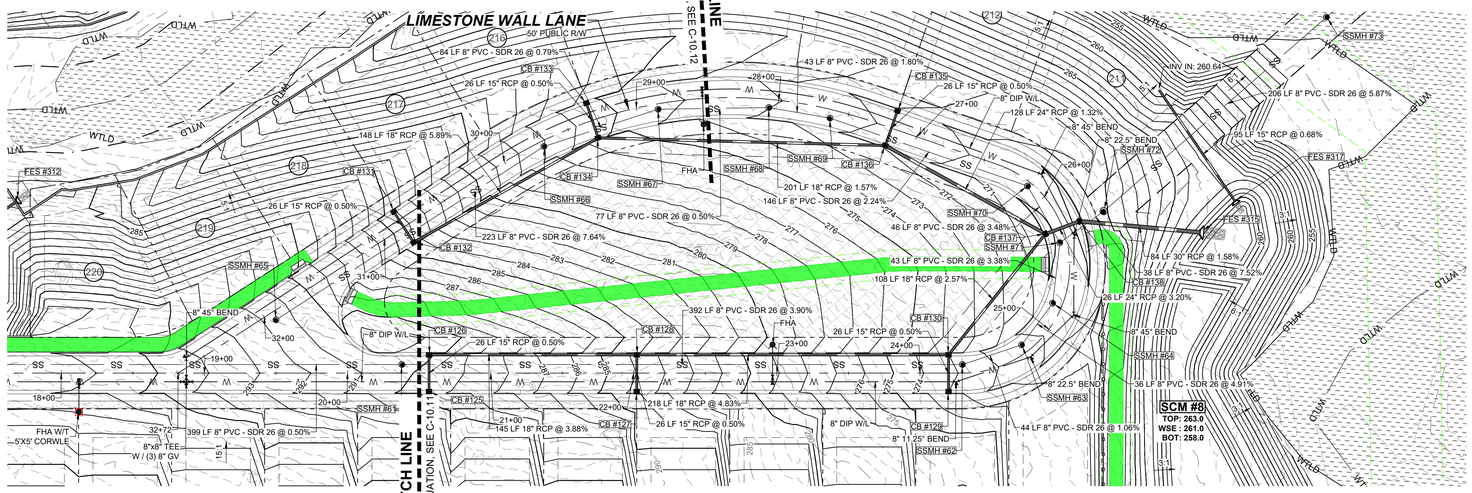
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED LIMESTONE WALL LANE - PLAN & PROFILE

DRAWING SHEET
C-10.11

80 OF 129



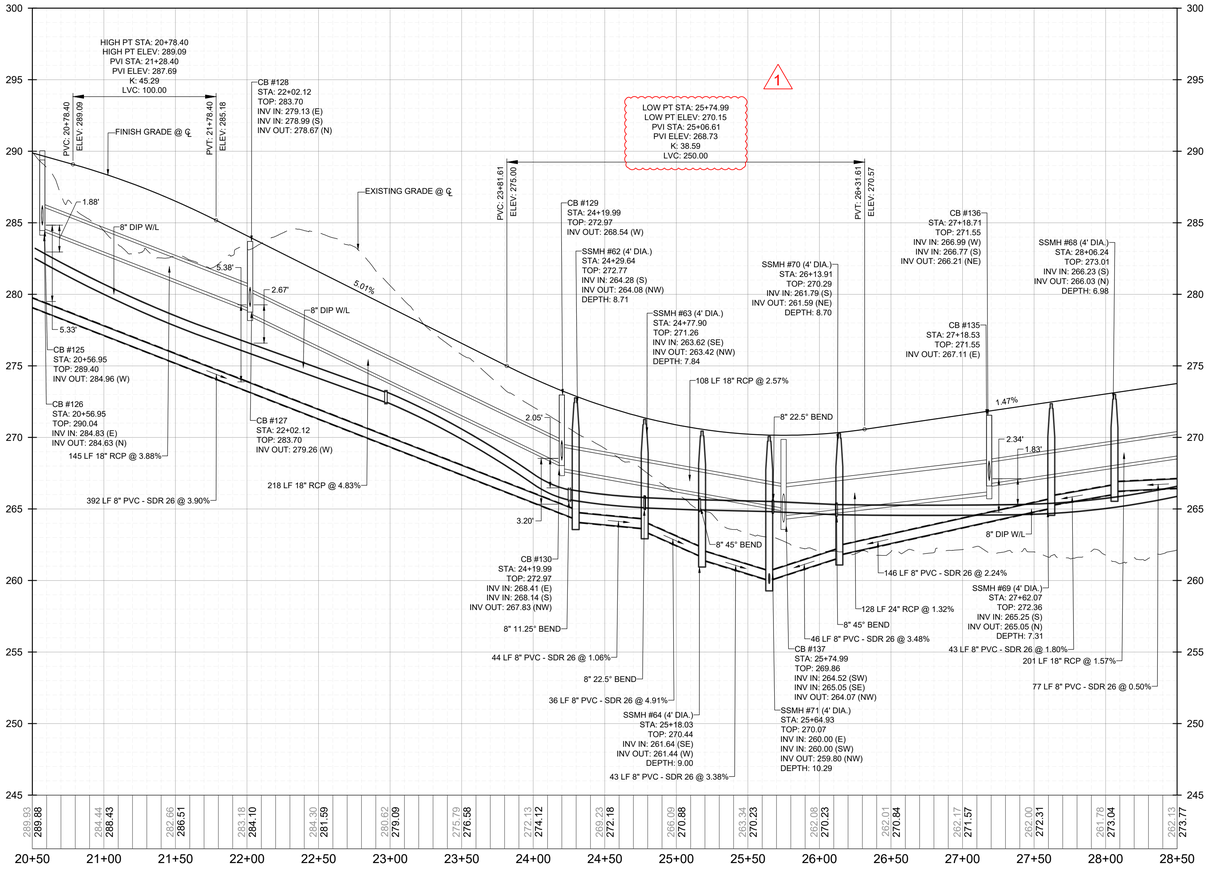
PROPOSED LIMESTONE WALL LANE - PLAN

HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



PROPOSED LIMESTONE WALL LANE - PROFILE

VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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02	TOWN OF ROLESVILLE 1P-CID-24-07	02/03/2025	SREG

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

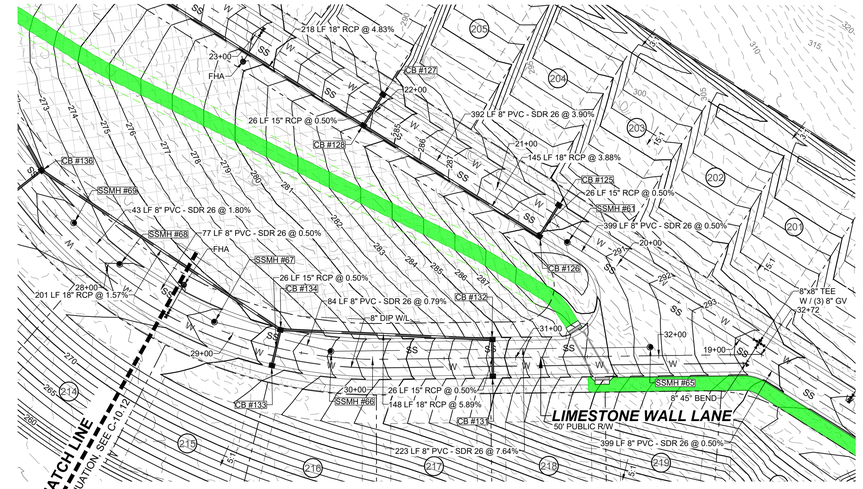
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STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED LIMESTONE WALL LANE - PLAN & PROFILE

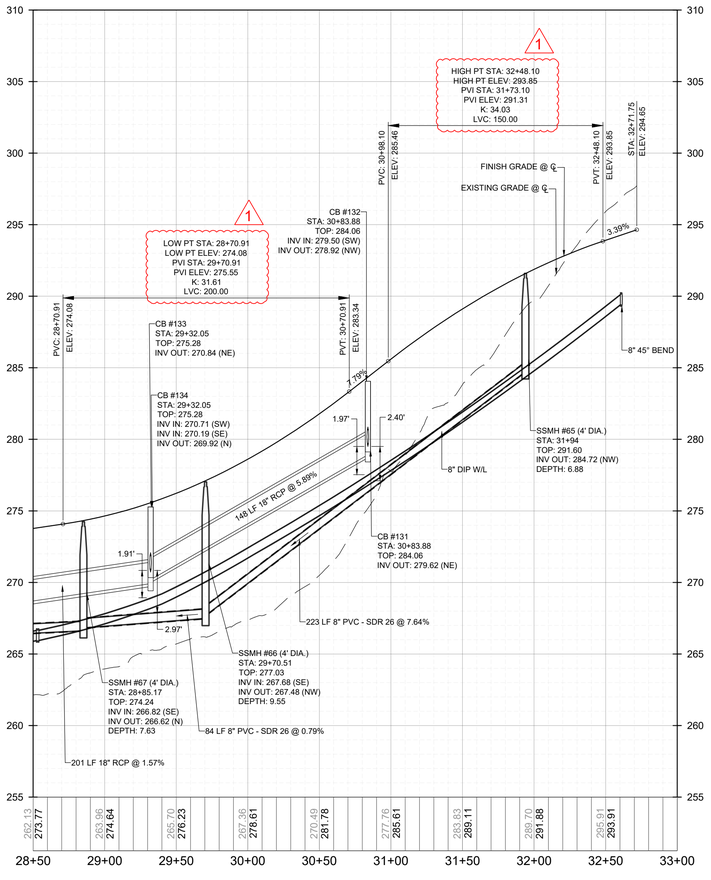
DRAWING SHEET
C-10.12

81 OF 129



PROPOSED LIMESTONE WALL LANE - PLAN

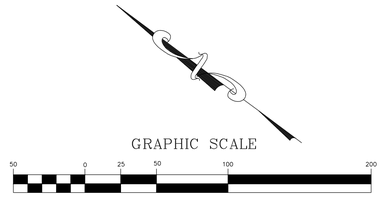
HORIZONTAL: 1" = 50'



PROPOSED LIMESTONE WALL LANE - PROFILE

VERTICAL: 1" = 5'

HORIZONTAL: 1" = 50'



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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION		
SCALE	AS SHOWN	DESIGNED BY	JWL
		DRAWN BY	SRG
		CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

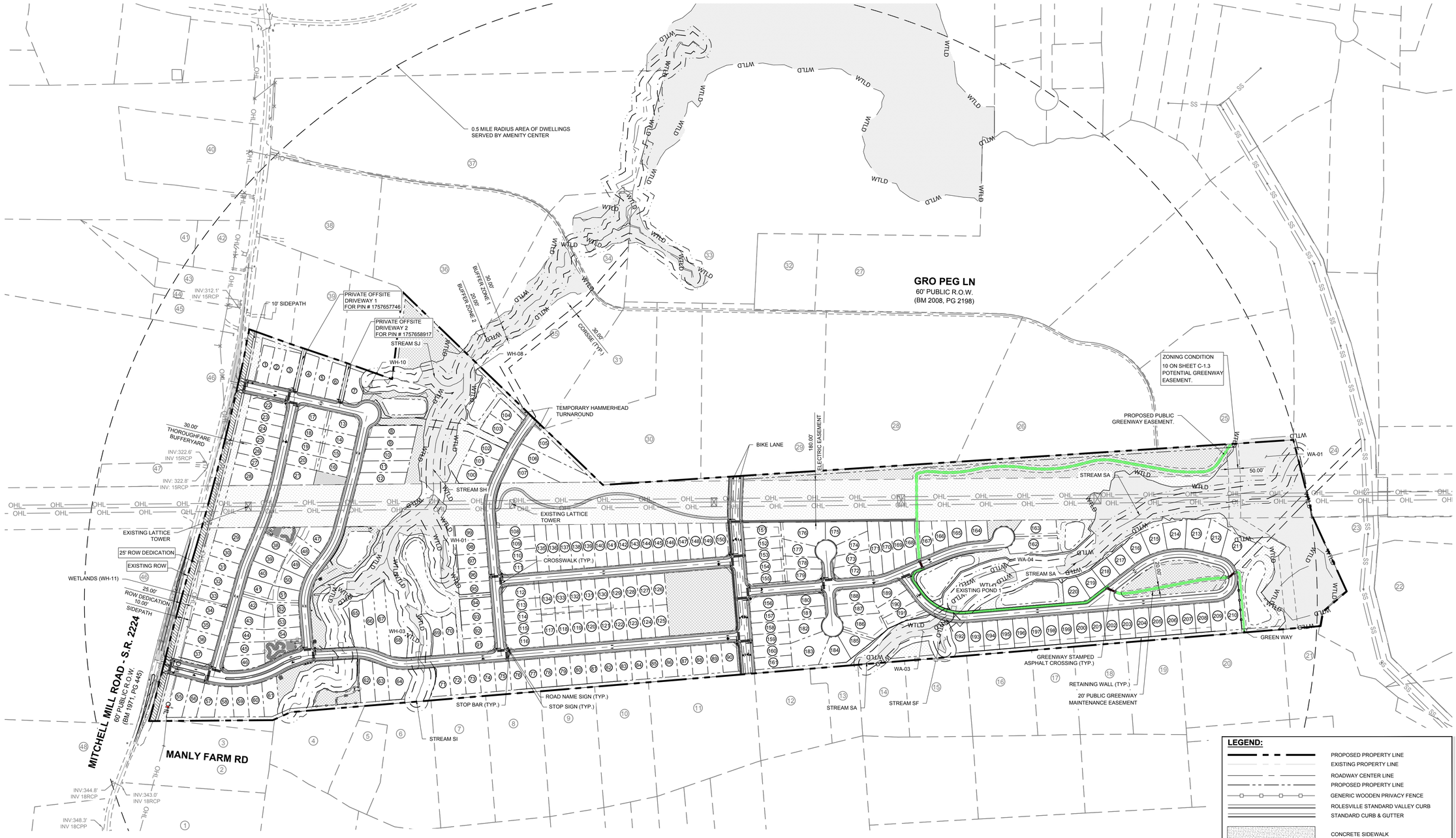
PROPOSED LIMESTONE WALL LANE - PLAN & PROFILE

DRAWING SHEET

C-10.13

82 OF 129

THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.



LEGEND:

- PROPOSED PROPERTY LINE
- EXISTING PROPERTY LINE
- ROADWAY CENTER LINE
- PROPOSED PROPERTY LINE
- GENERIC WOODEN PRIVACY FENCE
- ROLESVILLE STANDARD VALLEY CURB
- STANDARD CURB & GUTTER
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- OPEN SPACE
- EXISTING WETLAND
- WETLAND AND NATURAL AREAS
- GREENWAY
- ACTIVE AND PASSIVE OPEN SPACE
- SIGN

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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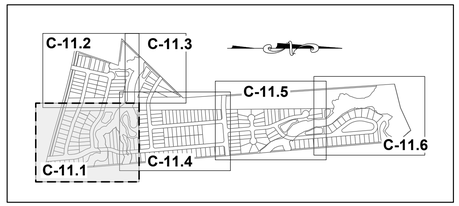
SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT		SCALE	AS SHOWN
	NOT FOR CONSTRUCTION	DESIGNED BY	JWL
		DRAWN BY	SRG
		CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
OVERALL SIGNAGE & STRIPING PLAN

DRAWING SHEET
C-11.0



SITE KEY PLAN

LEGEND:

SEE SHEET C-11.0 FOR LEGEND.

MATCH LINE
FOR CONTINUATION, SEE C-11.2

MATCH LINE
FOR CONTINUATION, SEE C-11.4

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
70' PUBLIC R/W

MITCHELL MILL ROAD - S.R. 2224
80' PUBLIC R.O.W
(BM 1971, PG 445)

MANLY FARM RD

SCM #2

SCM #3

SCM MAINTENANCE EASEMENT

ELECTRIC EASEMENT

20' PUBLIC DRAINAGE EASEMENT

WETLANDS (WH-11)

WH-01

WH-03

STREAM SH

STREAM SI

BUFFER ZONE 1
30.00'

BUFFER ZONE 2
20.00'

RETAINING WALL (TYP.)

STOP SIGN

ROAD NAME SIGN

STOP BAR (TYP.)

CROSSWALK (TYP.)

25'x25' SIGHT TRIANGLE (TYP.)

EXISTING ROW

25' ROW DEDICATION

POWER POLE TO BE RELOCATED BY POWER COMPANY.

TEMPORARY CONSTRUCTION EASEMENT

N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES, ET,AL
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

N/F
JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCER
PIN: 1757857937
DB: 9320 PG: 1460
BM 1993 PG 446
ZONING: R-30 (WC) USE: SF

N/F
ANDERSON, BOBBY G
PIN: 1757868104
DB: 8776 PG: 573
BM 1993 PG 446
ZONING: R-30 (WC) USE: MO

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

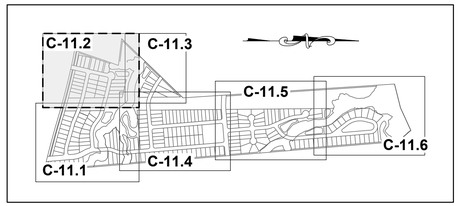
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ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT			
NOT FOR CONSTRUCTION	SCALE	AS SHOWN	DESIGNED BY JWL
			DRAWN BY SRG
			CHECKED BY JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

SIGNAGE & STRIPING PLAN I

DRAWING SHEET
C-11.1



SITE KEY PLAN

LEGEND:

SEE SHEET C-11.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

N/F
UTILITY THREE BUILDERS INC
PIN: 1757656231
DB: 18226 PG: 2104
ZONING: R-30 (WC) USE: SF

WILLIE RAY SUTTON AND WIFE, PAMELA Z. SUTTON
PIN: 1757657280
DB 2958 PG 536
BM 1981 PG 294
ZONING: R-30 (WC)
USE: SF

N/F
UTILITY THREE BUILDERS INC
PIN: 1757646703
DB: 18226 PG: 2104
BM: 1981 PG:895
ZONING: R-30 (WC)
USE: SF

N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

N/F
HAMPTON, MELODY L
PIN: 1757754163
DB: 4777 PG: 764
BM 1990 PG 511
ZONING: R-30 (WC) USE: SF

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 445)

PLUTON RIDGE DRIVE
60' PUBLIC R/W

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

10' SIDEPATH
PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746
PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917
15.00' TYPE II PERIMETER BUFFER
BM 2017 PG 218
MATCH LINE
FOR CONTINUATION, SEE C-11.3
BUFFER ZONE 2 20.00'
BUFFER ZONE 1 30.00'
STOP SIGN
ROAD NAME SIGN
20' PUBLIC DRAINAGE EASEMENT
CROSSWALK (TYP.)
STOP BAR (TYP.)
RETAINING WALL (TYP.)
25'X25' SIGHT TRIANGLE (TYP.)
SCM MAINTENANCE EASEMENT
SCM #1
30.00' CORSSE
ELECTRIC EASEMENT
WH-10
WH-08
STREAM SJ
WTLD
STREAM
INV:312.1'
INV 15RCP
INV:322.6'
INV 15RCP
INV: 322.8'
INV: 15RCP
DISTANCE FROM TOWER TO BACK OF CURB = 50'
DISTANCE FROM TOWER TO SIDEWALK = 40'
EXISTING LATTICE TOWER, POWER COMPANY TO PROVIDE NECESSARY SAFETY MEASURES
MATCH LINE
FOR CONTINUATION, SEE C-11.1
10+00
11+00
12+00
13+00
14+00
15+00
16+00
17+00
18+00
19+00
20+00

No.	REVISIONS	DATE	BY
01.	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02.	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

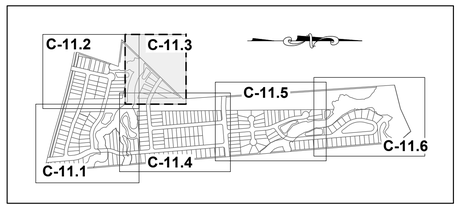
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

SIGNAGE & STRIPING PLAN II

DRAWING SHEET
C-11.2

85 OF 129

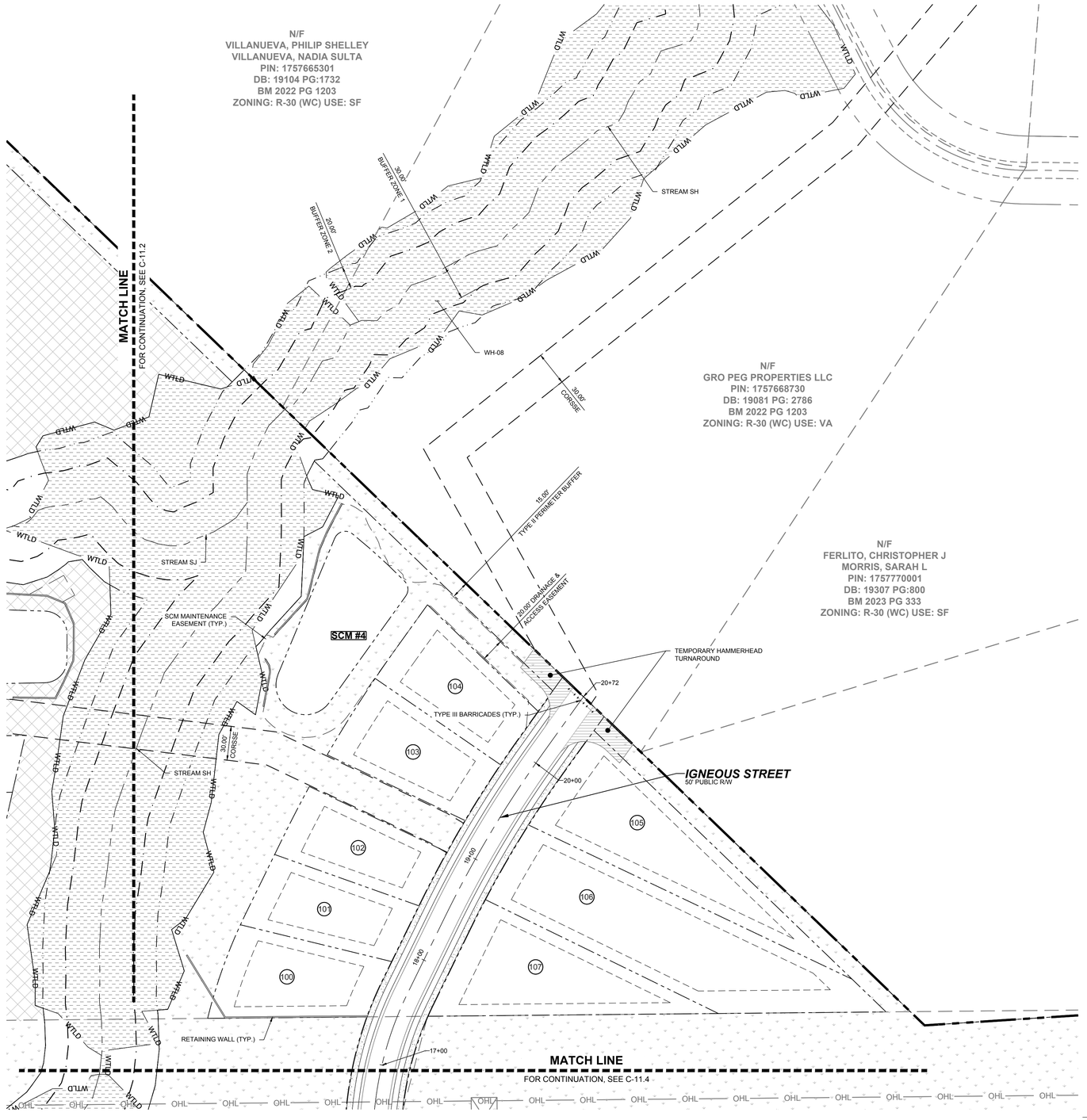
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SITE KEY PLAN

LEGEND:

SEE SHEET C-11.0 FOR LEGEND.



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
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02.	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

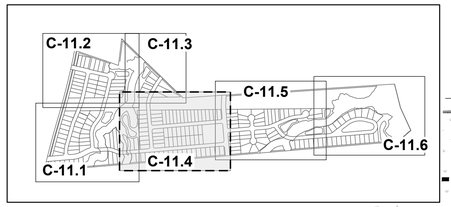
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

SIGNAGE & STRIPING PLAN III

DRAWING SHEET

C-11.3



SITE KEY PLAN

LEGEND:

SEE SHEET C-11.0 FOR LEGEND.

MATCH LINE
FOR CONTINUATION, SEE C-11.3

EXISTING LATTICE TOWER

IGNEOUS STREET
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

SCM #3

SCM MAINTENANCE EASEMENT

STREAM SI

WTLD

WH-03

20.00' BUFFER ZONE 2

30.00' BUFFER ZONE 1

STOP SIGN

STOP BAR (TYP.)

CROSSWALK (TYP.)

ROAD NAME SIGN

25'x25' SIGHT TRIANGLE (TYP.)

TYPE III BARRICADES (TYP.)

#5 - Please be aware the Town of Rolesville does not require stop conditions for every midblock crossing. If there is a midblock crossing without a stop condition, the appropriate signage will be needed to warn drivers of a pedestrian crossing.

SREG: The layout of this intersection has been updated, please see Sheet C11.4

#6 - Please include speed limit signage

SREG: The layout of this intersection has been updated, please see Sheets C11.0 - C11.6

RETAINING WALL

TYPE II PERIMETER BUFFER 15.00'

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

N/F
GOLD, SHARIE
PIN: 1757866660
DB: PG:
BM 1990 PG 00623
ZONING: R-30 (WC) USE: SF

N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

N/F
LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA
PIN: 1757876015
DB: 14356 PG: 1438
BM 2002 PG 352
ZONING: R-30 (WC) USE: SF

N/F
BEATTIE, LENORA M
PIN: 1757875349
DB: 07-E PG: 2834
ZONING: R-30 (WC) USE: SF

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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SEAL:
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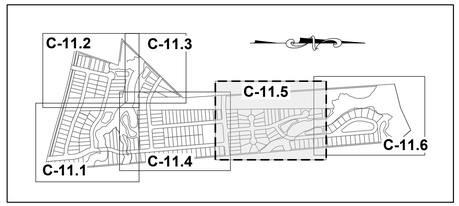
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

SIGNAGE & STRIPING PLAN IV

DRAWING SHEET
C-11.4

PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

LEGEND:

SEE SHEET C-11.0 FOR LEGEND.

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757780258
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: SF

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757781960
DB: 14863 PG: 2493
BM 2009 PG 645
ZONING: R-30 (WC) USE: VA

15.00' TYPE II PERIMETER BUFFER

30.00' GREENWAY EASEMENT (TYP.)

PROPOSED PUBLIC GREENWAY EASEMENT

16.00' PUBLIC GREENWAY (TYP.)

ELECTRIC EASEMENT 180.0'

MATCH LINE
FOR CONTINUATION, SEE C-11.6

MATCH LINE
FOR CONTINUATION, SEE C-11.4

FLATROCK RIDGE STREET
62' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

20.00' GREENWAY EASEMENT (TYP.)

SCM MAINTENANCE EASEMENT

GREENWAY STAMPED ASPHALT CROSSING (TYP.)

STOP SIGN

STOP BAR (TYP.)

CROSSWALK (TYP.)

ROAD NAME SIGN

RETAINING WALL (TYP.)

25'x25' SIGHT TRIANGLE (TYP.)

TYPE III BARRICADES (TYP.)

SCM #5

SCM #6

EXISTING POND 1

STREAM SA

STREAM SF

WA-03

WA-04

WTLD

30.0' BUFFER ZONE 1

20.0' BUFFER ZONE 2

N/F
LEFRANCOIS, STEPHEN D
PIN: 1757874787
DB: 5638 PG: 497
ZONING: R-30 (WC) USE: SF

N/F
ADAMS, BENJAMIN ADAMS, WHITNEY
PIN: 1757874938
DB: 18930 PG: 1511
BM 2006 PG 2397
ZONING: R-30 (WC) USE: SF

N/F
JONES PROPERTIES LLC
PIN: 1757884137
DB: 11404 PG: 2275
BM 1986 PG 01374
ZONING: R-30 (WC) USE: MO

N/F
JONES PROPERTIES LLC
PIN: 1757884420
DB: 12589 PG: 1045
BM 1986 PG 1374
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757884608
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE 1P-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

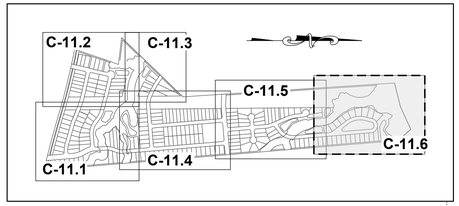
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

SIGNAGE & STRIPING PLAN V

DRAWING SHEET
C-11.5

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PROGRESS PLOT DATE: 01/24/2025



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

LEGEND:

SEE SHEET C-11.0 FOR LEGEND.

SITE KEY PLAN

MATCH LINE
FOR CONTINUATION, SEE C-11.5

SCM #7

SCM #6

SCM #8

LIMESTONE WALL LANE
50' PUBLIC R/W

STREAM SA

WTLD

BUFFER ZONE 2 - 20.00'

BUFFER ZONE 1 - 30.00'

RETAINING WALL (TYP.)

STAMPED ASPHALT CROSSWALK

20' PUBLIC GREENWAY MAINTENANCE EASEMENT (TYP.)

R=288.00'

28+00 29+00 30+00 31+00 32+00 27+00 26+00 25+00 24+00 23+00 22+00 21+00 20+00 19+00 18+00 17+00 32+72

30.00' GREENWAY EASEMENT (TYP.)

10.00' PUBLIC GREENWAY (TYP.)

TYPE II PERIMETER BUFFER 15.00'

PROPOSED PUBLIC GREENWAY EASEMENT.

50.00'

ZONING CONDITION
10 ON SHEET C-1.3 POTENTIAL GREENWAY EASEMENT

ZONING CONDITION
10 ON SHEET C-1.3 POTENTIAL GREENWAY EASEMENT.

WA-01

SCM MAINTENANCE EASEMENT

GREENWAY

TYPE I PERIMETER BUFFER 15.00'

40' EX. SANITARY SEWER EASEMENT

ELECTRIC EASEMENT 180.0'

30.00' CORSE

EX. MH-28
STA: 15+72.93
RIM=254.41
INV IN=238.91 (MH-29)
INV OUT=238.91 (MH-27)

EX. MH-29
STA: 19+77.26
RIM=253.11
INV IN=240.26 (MH-30)
INV OUT=240.26 (MH-28)

EX. MH-30
STA: 22+14.65
RIM=251.44
INV IN=241.00 (MH-31)
INV OUT=241.05 (MH-29)

EX. MH-31
STA: 25+39.42
RIM=252.21
INV IN=242.08 (MH-32)
INV OUT=242.08 (MH-30)

OHL SS

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757790646
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: VA

N/F
JONES, CHARLES E
PIN: 1757694902
DB: 8581 PG: 2079
BM 2018 PG 390
ZONING: R-30 (WC) USE: VA

N/F
FORRESTER, JENNIFER N
FORRESTER, HAYES G
PIN: 1758707313
DB: 12620 PG: 2172
ZONING: RL (RO) USE: SF

N/F
JONES PROPERTIES LLC
PIN: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

N/F
RGA CONSULTING LLC
PIN: 757893646
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA

N/F
JONES, CHARLES SPENCE
PIN: 1757894101
DB: 2590 PG: 622
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757893394
DB: 2478 PG: 210
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

SIGNAGE & STRIPING PLAN VI

DRAWING SHEET

C-11.6

PROGRESS PLOT DATE: 01/24/2025

STREET TREE REQUIREMENT				
ROAD	LENGTH	NET LENGTH	REQUIRED STREET TREES	TOTAL PROVIDED
BOULDER MILL DRIVE	2,575	4,087	82	88
SLATE SPRINGS STREET	1,254	1,826	50	54
PLUTON RIDGE DRIVE	1,688	2,258	58	71
IGNEOUS STREET	1,072	1,440	42	49
MILLPOND BLUFF DRIVE	1,047	921	37	38
FLATROCK RIDGE STREET	849	1,039	33	33
MAGMA CHAMBER WAY	1,155	1,850	37	41
LAVA STREET	325	495	10	17
LIMESTONE WALL LANE	2,272	3,674	73	75
		TOTAL	**422**	**466**

PLANT SCHEDULE								
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	MIN. SPACING
STREET TREES								
	CELLVI	17	CELTIS LAEVIGATA	SUGAR HACKBERRY	10' HT.	B&B	2.5"	
	CHI WHK	18	CHIONNANTHUS VIRGINICUS 'WHITE KNIGHT'	WHITE KNIGHT WHITE FRINGE TREE	8' HT.	B&B	1.5"	
	GYM KEN	9	GYMNOCLADUS DIOICUS	KEN TUCKY COFFEE TREE	10' HT.	B&B	2.5"	
	HAL JER	18	HALESIA CAROLINA 'JERSEY BELLE'	JERSEY BELLE CAROLINA SILVERBELL	8' HT.	B&B	1.5"	
	OST NHT	18	OSTRYA VIRGINIANA 'JFS-KW5'	AUTUMN TREASUREO AMERICAN HOPHORNBEAM	8' HT.	B&B	1.5"	
	QUE GOB	128	QUERCUS ACUTISSIMA 'GOBBLER'	SAWTOOTH OAK	10' HT.	B&B	2.5"	
	QUE FAL	115	QUERCUS FALCATA	SOUTHRN RED OAK	12' HT.	B&B	2.5"	
	QUE NUT	143	QUERCUS NUTTALII 'QNFTA'	HIGHPOINTO NUTTALL OAK	12' HT.	B&B	2.5"	
SUBTOTAL:		466						

LEGEND:

- PROPOSED PROPERTY LINE
- EXISTING PROPERTY LINE
- ROADWAY CENTER LINE
- PROPOSED PROPERTY LINE
- VALLEY/ROLLED CURB & GUTTER
- STANDARD CURB & GUTTER
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- OPEN SPACE
- WTLD — WTLD — EXISTING WETLAND

PLUTON RIDGE DRIVE
60' PUBLIC R/W

PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917

10' SIDEPATH

STREAM SJ

WH-10

WH-08

30.00' BUFFERZONE 1

20.00' BUFFER ZONE 2

30.00' CORRSER (TYP.)

RETAINING WALL (TYP.)

GRO PEG LN
60' PUBLIC R.O.W.
(BM 2008, PG 2198)

ZONING CONDITION
10 ON SHEET C-1.3
POTENTIAL GREENWAY EASEMENT.

PROPOSED PUBLIC GREENWAY EASEMENT.

WA-01

SCM #1 SCM #2 SCM #3 SCM #4 SCM #5 SCM #6 SCM #7 SCM #8

SLATE SPRINGS STREET
50' PUBLIC R/W

IGNEOUS STREET
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

BIKE LANE

180.00' ELECTRIC EASEMENT

100.00' DUKE POWER EASEMENT

30.00' GREENWAY EASEMENT (TYP.)

PLUTON RIDGE DRIVE
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

STREAM SH

STREAM SA

EXISTING LATTICE TOWER (TYP.)

WETLANDS (WH-11)

WH-01

WH-03

WA-04

EXISTING POND 1

AMENITY CENTER WITH MAIL KIOSK

LIMESTONE WALL LANE
50' PUBLIC R/W

GREEN WAY (TYP.)

LAVA STREET
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

WA-03

STREAM SF

STREAM SI

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 445)

15.00' STREET YARD BUFFER

BOULDER MILL DRIVE
70' PUBLIC R/W

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

OVERALL LANDSCAPE PLAN

DRAWING SHEET
L-1.0

PROGRESS PLOT DATE: 01/24/2025

BUFFER CALCULA TIONS			
PERIMETER BUFFER TYPE 2			
TOTAL LINEAR FOOTAGE (LF)	7116		TABEL 6.2.2.1.F.2 PERIMETER BUFFERTYPE 2
NUMBER OF PLANTS	REQUIRED	PROVIDED	
CANOPY TREES	213.4	213	
UNDERSTORY TREES	80.5	81	
SHRUBS	3558	3558	
30 FT THOROUGHFARE BUFFER			
TOTAL LINEAR FOOTAGE (LF)	1580.9		TABEL 6.2.2.2 STREET TREES
DUKE EASEMENT LENGTH	187.1		
MITCHELL MILL STREET FRONTAGE	1393.8		
MITCHELL MILL STREET FRONTAGE POWEREASEMENT			
CANOPY TREES	34.8	35	

LEGEND:

- BUFFER REQUIREMENT COVERED BY NATURAL FEATURES
- BUFFER REQUIREMENT COVERED BY TREE SAVE AREA
- BUFFER REQUIREMENT INTERFERES WITH DUKE EASEMENT

NOTE:

1

IN COMPLIANCE WITH LDO 6.2.2.1.C.3:

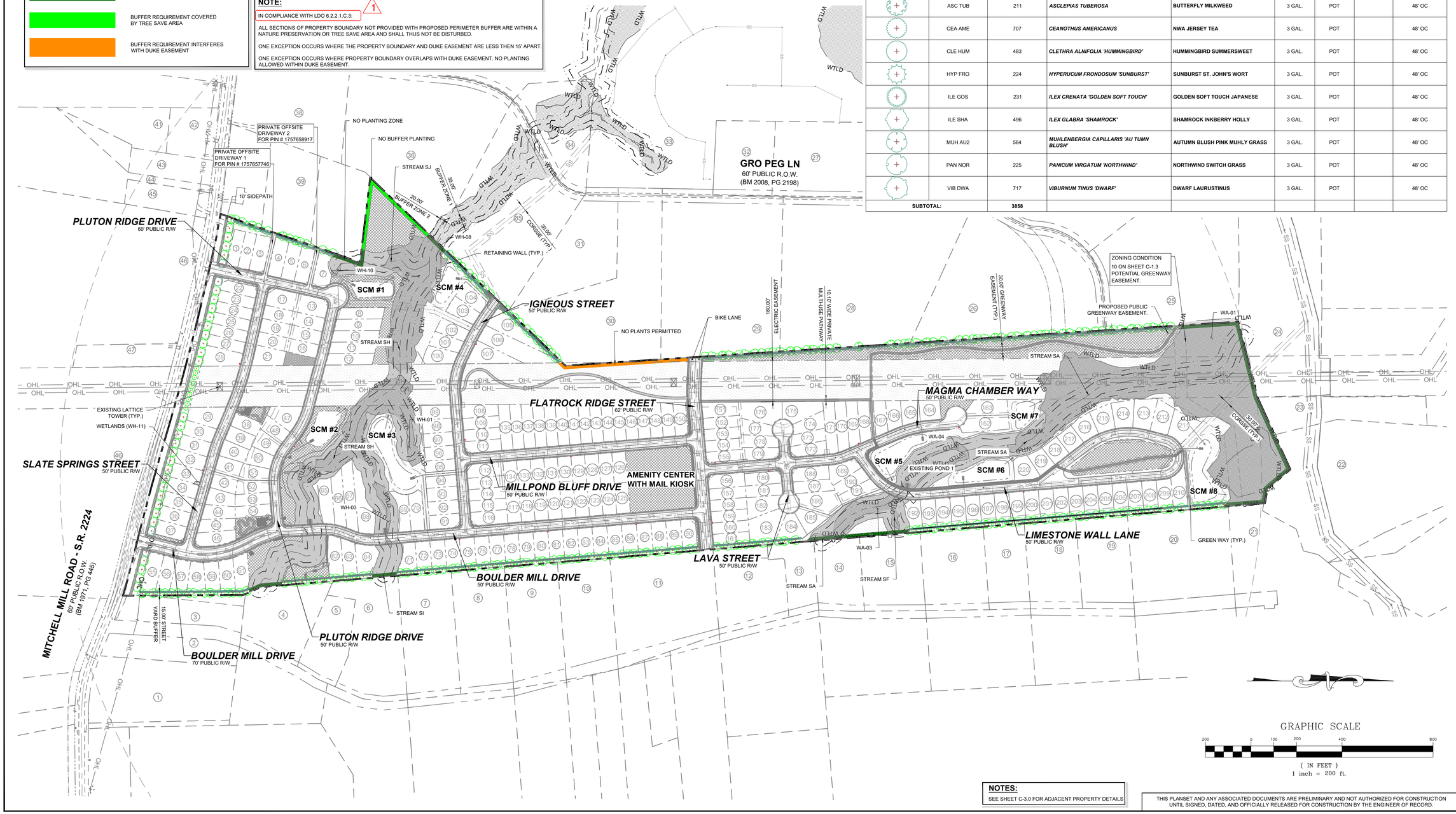
ALL SECTIONS OF PROPERTY BOUNDARY NOT PROVIDED WITH PROPOSED PERIMETER BUFFER ARE WITHIN A NATURE PRESERVATION OR TREE SAVE AREA AND SHALL THUS NOT BE DISTURBED.

ONE EXCEPTION OCCURS WHERE THE PROPERTY BOUNDARY AND DUKE EASEMENT ARE LESS THEN 15' APART.

ONE EXCEPTION OCCURS WHERE PROPERTY BOUNDARY OVERLAPS WITH DUKE EASEMENT. NO PLANTING ALLOWED WITHIN DUKE EASEMENT.

30' THOROUG HF RE BUFFER								
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	MIN. SPACING
UNDERSTORY BUFFER								
	AME ARB	2	*AMELANCHIER ARBOREA*	DOWNY SERVICEBBERRY	6' HT.	B&B	1.5"	
	COR CHE	4	*CORNUS FLORIDA 'CHEROKEE BRAVE'*	CHEROKEE BRAVE DOGWOOD	5' HT.	B&B	1.5"	
	VIB CHI	4	*VIBURNUM AWABUKI 'CHIDO'*	CHIDO SWEET VIBURNUM	6' HT.	B&B	1.5"	
SUBTOTAL:		10						
CANOPY BUFFER								
	GIN AUT	9	*GINKGO BLOBA 'AUTUMN GOLD'*	AUTUMN GOLD MAIDENHAIR TREE	10' HT.	B&B		
	MAG GRA	4	*MAGNOLIA GRANDIFLORA*	SOUTHRN MAGNOLIA	12' HT.	B&B	3.0"	
	QUE MAC	22	*QUERCUS MACROCARPA*	BURR OAK	12' HT.	B&B	2.5"	
SUBTOTAL:		35						

PERIMETER BUFFER TYPE 2								
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	MIN. SPACING
CANOPY BUFFER								
	ACE FLD	47	*ACER FLORIDANUM*	SOUTHERN SUGAR MAPLE	12' HT.	POT	2.5"	
	NYS SYL	71	*NYSSA SYLVATICA*	TUPELO	12' HT.	POT	2.5"	
	QOU NUT	47	*QUERCUS NUTTALLII*	NUTTALL OAK	12' HT.	POT	2.5"	
	QUE PR2	48	*QUERCUS PALUSTRIS 'PRINGREEN'*	GREEN PILLARO PIN OAK	12' HT.	POT	2.5"	
SUBTOTAL:		213						
UNDERSTORY BUFFER								
	AME ARB	27	*AMELANCHIER ARBOREA*	DOWNY SERVICEBBERRY	6' HT.	POT	1.5"	
	CER EAS	44	*CERCIS CANADENSIS*	EASTERN REDBUD MULTI-TRUNK	5' HT.	POT	1.5"	
SUBTOTAL:		71						
BUFFER SHRUBS								
	ASC TUB	211	*ASCLEPIAS TUBEROSA*	BUTTERFLY MILKWEED	3 GAL.	POT		48" OC
	CEA AME	707	*CEANOTHUS AMERICANUS*	NWA JERSEY TEA	3 GAL.	POT		48" OC
	CLE HUM	483	*CLETHRA ALNIFOLIA 'HUMMINGBIRD'*	HUMMINGBIRD SUMMERSWEET	3 GAL.	POT		48" OC
	HYP FRO	224	*HYPERUCUM FRONDOSUM 'SUNBURST'*	SUNBURST ST. JOHN'S WORT	3 GAL.	POT		48" OC
	ILE GOS	231	*ILEX CRENATA 'GOLDEN SOFT TOUCH'*	GOLDEN SOFT TOUCH JAPANESE	3 GAL.	POT		48" OC
	ILE SHA	496	*ILEX GLABRA 'SHAMROCK'*	SHAMROCK INKBERRY HOLLY	3 GAL.	POT		48" OC
	MUH AU2	564	*MUHLENBERGIA CAPILLARIS 'AU TUMN BLUSH'*	AUTUMN BLUSH PINK MUHLY GRASS	3 GAL.	POT		48" OC
	PAN NOR	225	*PANICUM VIRGATUM 'NORTHWIND'*	NORTHWIND SWITCH GRASS	3 GAL.	POT		48" OC
	VIB DWA	717	*VIBURNUM TINUS 'DWARF'*	DWARF LAURUSTINUS	3 GAL.	POT		48" OC
SUBTOTAL:		3858						



GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

NOTES:

SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS.

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No.	DATE	BY	REVISIONS
01	11/01/2024	SREG	TOWN OF ROLESVILLE CID-24-07
02	02/03/2025	SREG	TOWN OF ROLESVILLE V2-CID-24-07

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT		
NOT FOR CONSTRUCTION	SCALE	AS SHOWN
	DESIGNED BY	JWL
	DRAWN BY	SRG
	CHECKED BY	JWL

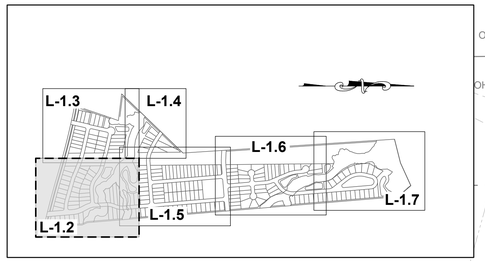
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PERIMETER BUFFER PLAN

DRAWING SHEET
L-1.1

91 OF 129

PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

LEGEND:

SEE SHEET L-1.0 & L-1.1 FOR LEGEND AND TREE SCHEDULES.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

MATCH LINE
FOR CONTINUATION, SEE L-1.3

MATCH LINE
FOR CONTINUATION, SEE L-1.5

SCM MAINTENANCE EASEMENT

ELECTRIC EASEMENT

RETAINING WALL (TYP.)

SCM #2

SCM #3

WH-01

WH-03

WETLANDS (WH-11)

25.00' ROW DEDICATION

10.00' SIDEPATH

30.00' STREET YARD BUFFER

5' MINIMUM CLEARANCE, TYP.

20.00' BUFFER ZONE 2

30.00' BUFFER ZONE

STREAM SH

STREAM SI

PLUTON RIDGE DRIVE
50' PUBLIC R/W

SLATE SPRINGS STREET
50' PUBLIC R/W

MITCHELL MILL ROAD - S.R. 2224
80' PUBLIC R.O.W.
(BM 1971, PG 445)

BOULDER MILL DRIVE
70' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

13.93' 3' MINIMUM CLEARANCE, TYP.

32.92' 3' MINIMUM CLEARANCE, TYP.

18.57' 3' MINIMUM CLEARANCE, TYP.

10' SIDEPATH

POWER POLE TO BE RELOCATED BY POWER COMPANY.

MANLY FARM RD

TYPE II PERIMETER BUFFER 15.00'

N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES, ET,AL
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

N/F
JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCER
PIN: 1757857937
DB: 9320 PG: 1460
BM 1993 PG 446
ZONING: R-30 (WC) USE: SF

N/F
ANDERSON, BOBBY G
PIN: 1757868104
DB: 8776 PG: 573
BM 1993 PG 446
ZONING: R-30 (WC) USE: MO

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VC-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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ENGINEERING GROUP
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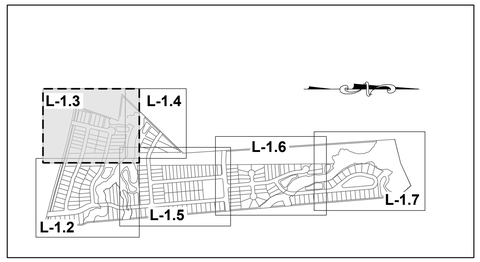
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PARTIAL LANDSCAPE PLAN I

DRAWING SHEET
L-1.2

92 OF 129



SITE KEY PLAN

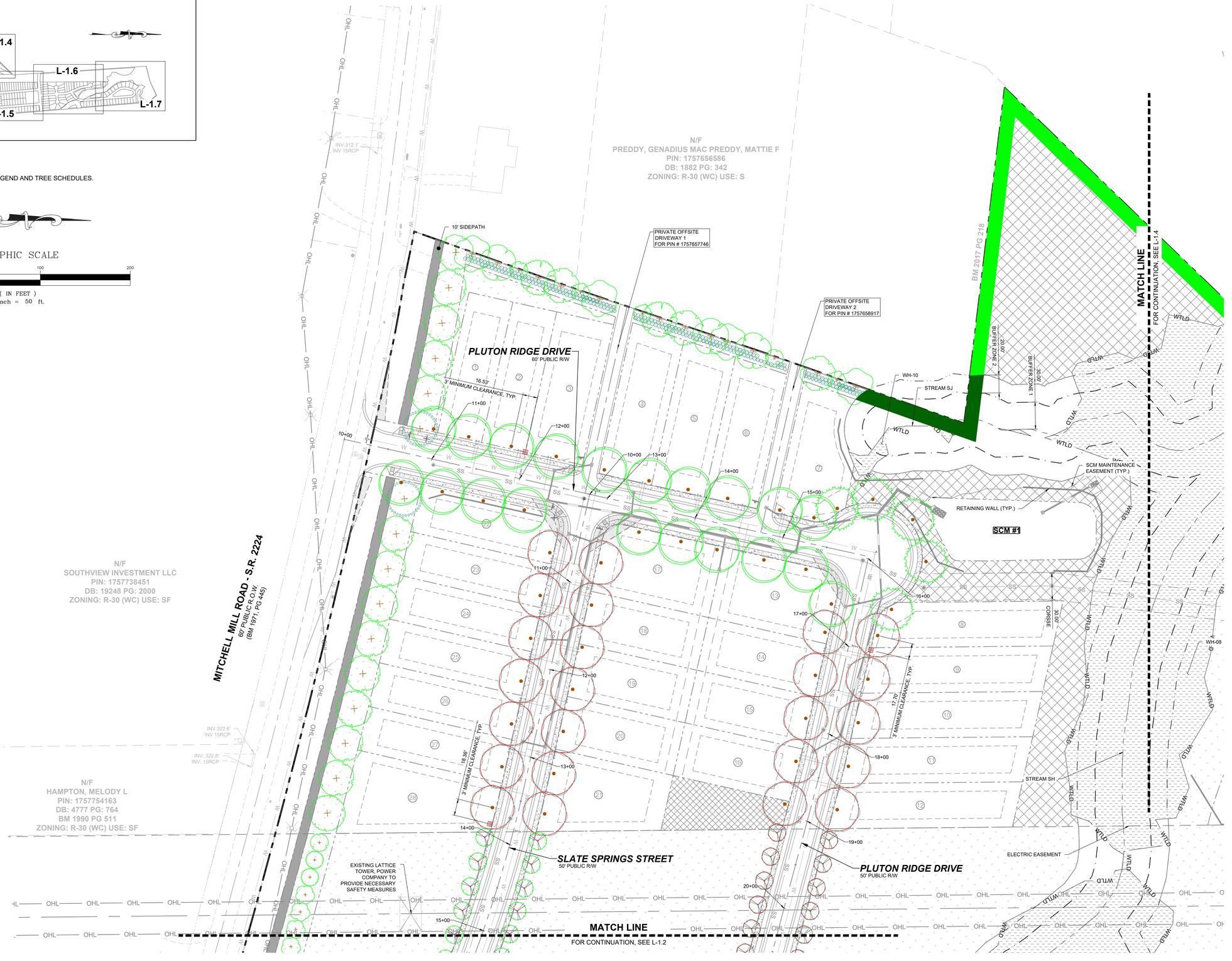
LEGEND:

SEE SHEET L-1.0 & L-1.1 FOR LEGEND AND TREE SCHEDULES.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



No.	DATE	BY	REVISIONS
01	11/01/2024	SREG	TOWN OF ROLESVILLE CID-24-07
02	02/03/2025	SREG	TOWN OF ROLESVILLE 1P-CID-24-07

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609

STRONG ROCK PROJECT			
NOT FOR CONSTRUCTION	SCALE	AS SHOWN	
	DESIGNED BY	JWL	
	DRAWN BY	SRG	
	CHECKED BY	JWL	

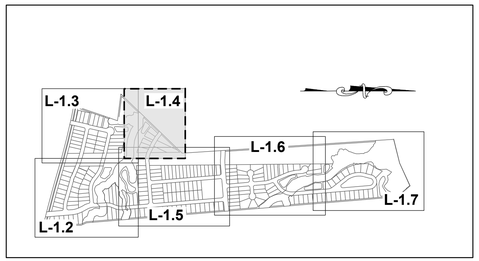
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PARTIAL LANDSCAPE PLAN II

DRAWING SHEET

L-1.3

THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.



SITE KEY PLAN

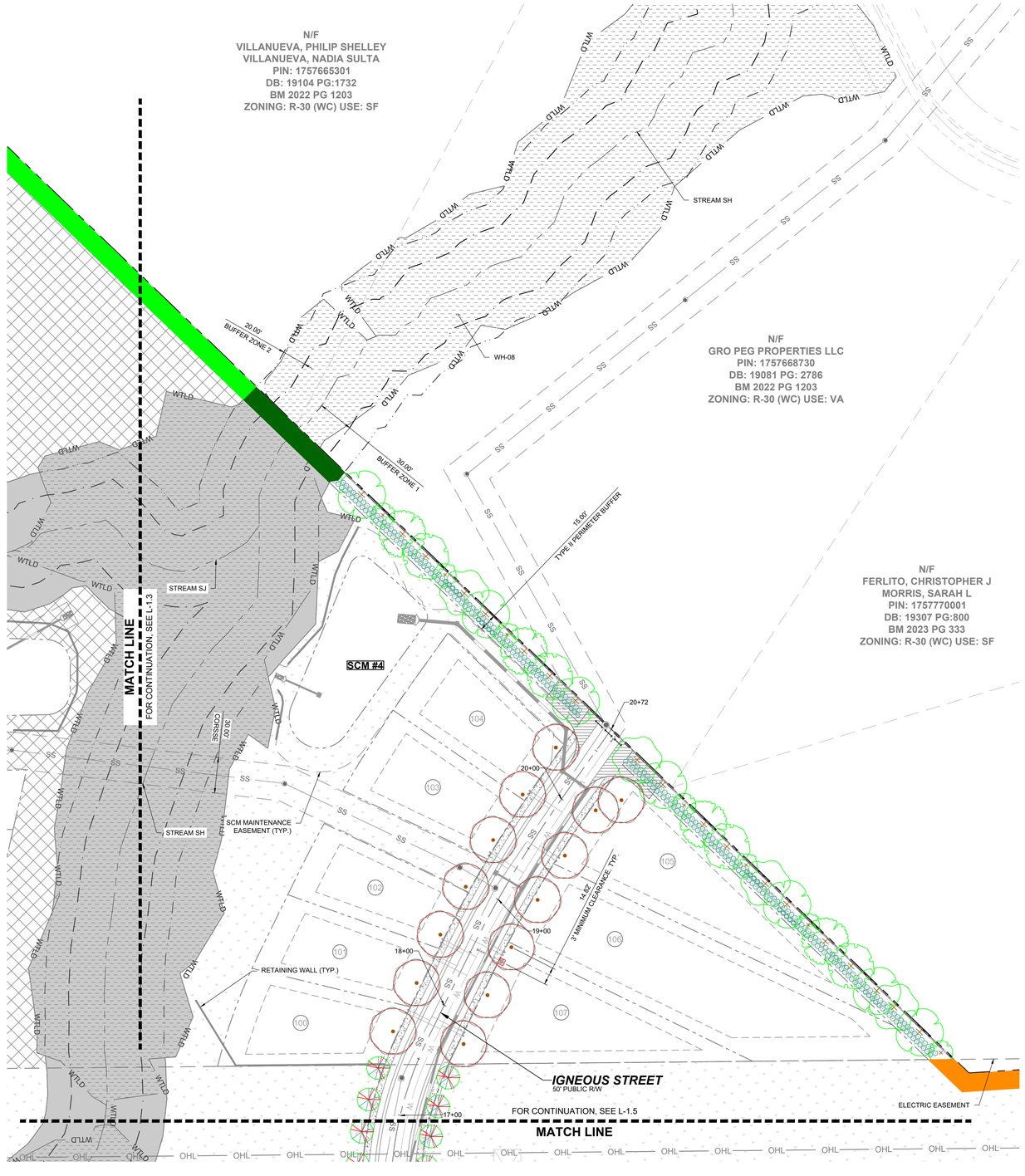
LEGEND:

SEE SHEET L-1.0 & L-1.1 FOR LEGEND AND TREE SCHEDULES.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

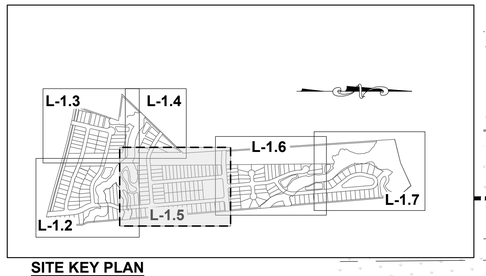
PARTIAL LANDSCAPE PLAN III

DRAWING SHEET

L-1.4

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PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

LEGEND:

SEE SHEET L-1.0 & L-1.1 FOR LEGEND AND TREE SCHEDULES.

MATCH LINE
FOR CONTINUATION, SEE L-1.4

EXISTING LATTICE TOWER

FLATROCK RIDGE STREET
62' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

19.35'
3' MINIMUM CLEARANCE, TYP.

24.43'
3' MINIMUM CLEARANCE, TYP.

12.57'
3' MINIMUM CLEARANCE, TYP.

MATCH LINE
FOR CONTINUATION, SEE L-1.6

AMENITY CENTER WITH MAIL KIOSK

IGNEOUS STREET
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

14.06'
3' MINIMUM CLEARANCE, TYP.

17.46'
3' MINIMUM CLEARANCE, TYP.

17.90'
3' MINIMUM CLEARANCE, TYP.

SCM #3

SCM MAINTENANCE EASEMENT (TYP.)

MATCH LINE
FOR CONTINUATION, SEE L-1.2

STREAM S1

WH-01

WH-03

20.00'
BUFFER ZONE 2

30.00'
BUFFER ZONE 1

RETAINING WALL (TYP.)

15.00'
TYPE II PERIMETER BUFFER

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

N/F
GOLD, SHARIE
PIN: 1757866660
DB: PG:
BM 1990 PG 00623
ZONING: R-30 (WC) USE: SF

N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

N/F
LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA
PIN: 1757876015
DB: 14356 PG: 1438
BM 2002 PG 352
ZONING: R-30 (WC) USE: SF

N/F
BEATTIE, LENORA M
PIN: 1757875349
DB: 07-E PG: 2834
ZONING: R-30 (WC) USE: SF

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONG ROCK ENGINEERING GROUP

ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
STRONG ROCK ENGINEERING GROUP, PLLC | 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

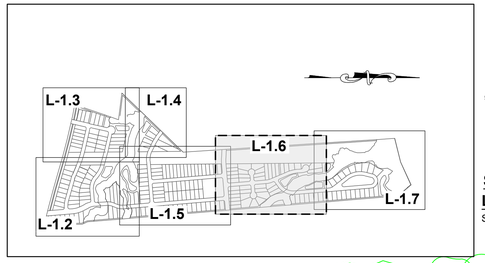
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PARTIAL LANDSCAPE PLAN IV

DRAWING SHEET

L-1.5

95 OF 129



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET L-1.0 & L-1.1 FOR LEGEND AND TREE SCHEDULES.

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757780258
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: SF

15.00' TYPE II PERIMETER BUFFER

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757781960
DB: 14863 PG: 2493
BM 2009 PG 645
ZONING: R-30 (WC) USE: VA

PROPOSED PUBLIC GREENWAY EASEMENT

30.00'

15.00' PUBLIC GREENWAY (TYP.)

180.0' ELECTRIC EASEMENT

MATCH LINE
FOR CONTINUATION, SEE L-1.7

MATCH LINE
FOR CONTINUATION, SEE L-1.5

FLATROCK RIDGE STREET
62' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

11.38' 3' MINIMUM CLEARANCE, TYP.

13.42' 3' MINIMUM CLEARANCE, TYP.

24.76' 3' MINIMUM CLEARANCE, TYP.

21.89' 3' MINIMUM CLEARANCE, TYP.

22.68' 3' MINIMUM CLEARANCE, TYP.

RETAINING WALL (TYP.)

SCM #5

SCM #6

SCM MAINTENANCE EASEMENT

STREAM SA

STREAM SF

WA-03

WTLD

30.0' BUFFER ZONE 1

20.0' BUFFER ZONE 2

#7 - REPEAT: Tree on or near retaining wall. Revise as needed.

It appears these trees are on the low side of the wall; based on the proximinity to the wall, will the root growth be in conflict with the wall and will the trees be able to grow with the 11' wall?

SREG: The layout and grading of this intersection has been updated, please see Sheet L1.6

N/F
LEFRANCOIS, STEPHEN D
PIN: 1757874787
DB: 5638 PG: 497
ZONING: R-30 (WC) USE: SF

N/F
ADAMS, BENJAMIN ADAMS, WHITNEY
PIN: 1757874938
DB: 18930 PG: 1511
BM 2006 PG 2397
ZONING: R-30 (WC) USE: SF

N/F
JONES PROPERTIES LLC
PIN: 1757884137
DB: 11404 PG: 2275
BM 1986 PG 01374
ZONING: R-30 (WC) USE: MO

N/F
JONES PROPERTIES LLC
PIN: 1757884420
DB: 12589 PG: 1045
BM 1986 PG 1374
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757884608
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

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No.	DATE	BY	REVISIONS
01	11/01/2024	SREG	TOWN OF ROLESVILLE CID-24-07
02	02/03/2025	SREG	TOWN OF ROLESVILLE VC-CID-24-07

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

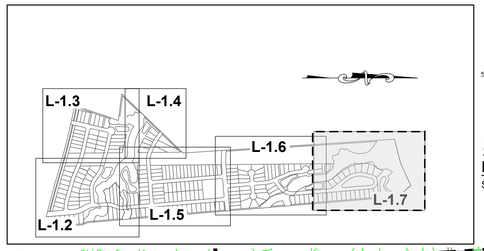
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PARTIAL LANDSCAPE PLAN V

DRAWING SHEET

L-1.6

PROGRESS PLOT DATE: 01/24/2025



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET L-1.0 & L-1.1 FOR LEGEND AND TREE SCHEDULES.

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757790646
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: VA

N/F
JONES, CHARLES E
PIN: 1757694902
DB: 8581 PG: 2079
BM 2018 PG 390
ZONING: R-30 (WC) USE: VA

N/F
FORRESTER, JENNIFER N
FORRESTER, HAYES G
PIN: 1758707313
DB: 12620 PG: 2172
ZONING: RL (RO) USE: SF

N/F
JONES PROPERTIES LLC
PIN: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

N/F
RGA CONSULTING LLC
PIN: 757893646
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA

N/F
JONES, CHARLES SPENCE
PIN: 1757893394
DB: 2478 PG: 210
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757894101
DB: 2590 PG: 622
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

MATCH LINE
FOR CONTINUATION, SEE L-1.6

SCM #7

SCM #6

SCM #8

STREAM SA

SCM MAINTENANCE EASEMENT

RETAINING WALL (TYP.)

BUFFER ZONE 2 - 20.00'

BUFFER ZONE 1 - 30.00'

TYPE II PERIMETER BUFFER - 15.00'

TYPE I PERIMETER BUFFER - 15.00'

50.00' PROPOSED PUBLIC GREENWAY EASEMENT (TYP.)

10.00' PROPOSED PUBLIC GREENWAY EASEMENT (TYP.)

ZONING CONDITION
10 ON SHEET C-1.3 POTENTIAL GREENWAY EASEMENT

LIMESTONE WALL LANE
50' PUBLIC R/W

22.07'
3' MINIMUM CLEARANCE, TYP.

14.64'
3' MINIMUM CLEARANCE, TYP.

8.86'
3' MINIMUM CLEARANCE, TYP.

GREEN WAY (TYP.)

EX. MH-28
STA: 15+72.93
RIM=254.41
INV IN=238.91 (MH-29)
INV OUT=238.91 (MH-27)

40' EX. SANITARY SEWER EASEMENT

30.00' CORRIDOR

180.0' ELECTRIC EASEMENT

EX. MH-29
STA: 19+77.26
RIM=253.11
INV IN=240.26 (MH-30)
INV OUT=240.26 (MH-28)

EX. MH-30
STA: 22+14.65
RIM=251.44
INV IN=241.00 (MH-31)
INV OUT=241.05 (MH-29)

EX. MH-31
STA: 25+39.42
RIM=252.21
INV IN=242.08 (MH-32)
INV OUT=242.08 (MH-30)

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VC-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

PARTIAL LANDSCAPE PLAN VI

DRAWING SHEET

L-1.7

97 OF 129

PROGRESS PLOT DATE: 01/24/2025

No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG

SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION		
		SCALE	AS SHOWN
		DESIGNED BY	JWL
		DRAWN BY	SRG
		CHECKED BY	JWL

HILLS AT HARRIS CREEK

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PRELIMINARY SUBDIVISION PLAT

OVERALL PRESERVATION PLAN

DRAWING SHEET

C-12.0

98 OF 129

NOTES:

THIS IS A SINGLE PHASE PROJECT.
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

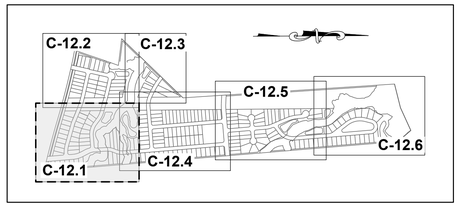
GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

MATCH LINE
FOR CONTINUATION, SEE C-12.2

PLUTON RIDGE DRIVE
50' PUBLIC R/W

ELECTRIC EASEMENT

SCM #2

SCM #3

BUFFER ZONE 1
30.00'

BUFFER ZONE 2
20.00'

STREAM SI

WETLANDS (WH-11)

ISLATE SPRINGS STREET
50' PUBLIC R/W

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 445)

BOULDER MILL DRIVE
70' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

MANLY FARM RD

MATCH LINE
FOR CONTINUATION, SEE C-12.4

N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES, ET,AL
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

N/F
JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCER
PIN: 1757857937
DB: 9320 PG: 1460
BM 1993 PG 446
ZONING: R-30 (WC) USE: SF

N/F
ANDERSON, BOBBY G
PIN: 1757868104
DB: 8776 PG: 573
BM 1993 PG 446
ZONING: R-30 (WC) USE: MO

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	09/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

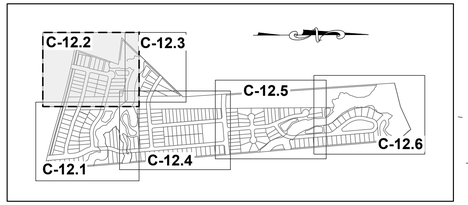
STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT			
	NOT FOR CONSTRUCTION		
SCALE	AS SHOWN	DESIGNED BY	JWL
		DRAWN BY	SRG
		CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN I

DRAWING SHEET
C-12.1

99 OF 129



SITE KEY PLAN

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

N/F
UTILITY THREE BUILDERS INC
PIN: 1757656231
DB: 18226 PG: 2104
ZONING: R-30 (WC) USE: SF

WILLIE RAY SUTTON AND WIFE, PAMELA Z. SUTTON
PIN: 1757657280
DB 2958 PG 536
BM 1981 PG 294
ZONING: R-30 (WC) USE: SF

N/F
UTILITY THREE BUILDERS INC
PIN: 1757646703
DB: 18226 PG: 2104
BM: 1981 PG:895
ZONING: R-30 (WC) USE: SF

N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

N/F
HAMPTON, MELODY L
PIN: 1757754163
DB: 4777 PG: 764
BM 1990 PG 511
ZONING: R-30 (WC) USE: SF

ROCK FARM ROAD
60' PRIVATE R/W

PLUTON RIDGE DRIVE
60' PUBLIC R/W

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 445)

MATCH LINE
FOR CONTINUATION, SEE C-12.3

MATCH LINE
FOR CONTINUATION, SEE C-12.1

SB #1

STREAM SJ
STREAM SH
WTLD
20.00' BUFFER ZONE 2
30.00' BUFFER ZONE 1
INV:312.1' INV 15RCP
INV:322.6' INV 15RCP
INV: 322.8' INV: 15RCP
YI (TYP.)

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	09/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

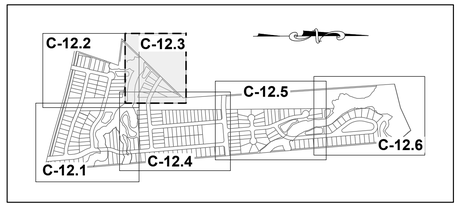
STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN II

DRAWING SHEET
C-12.2

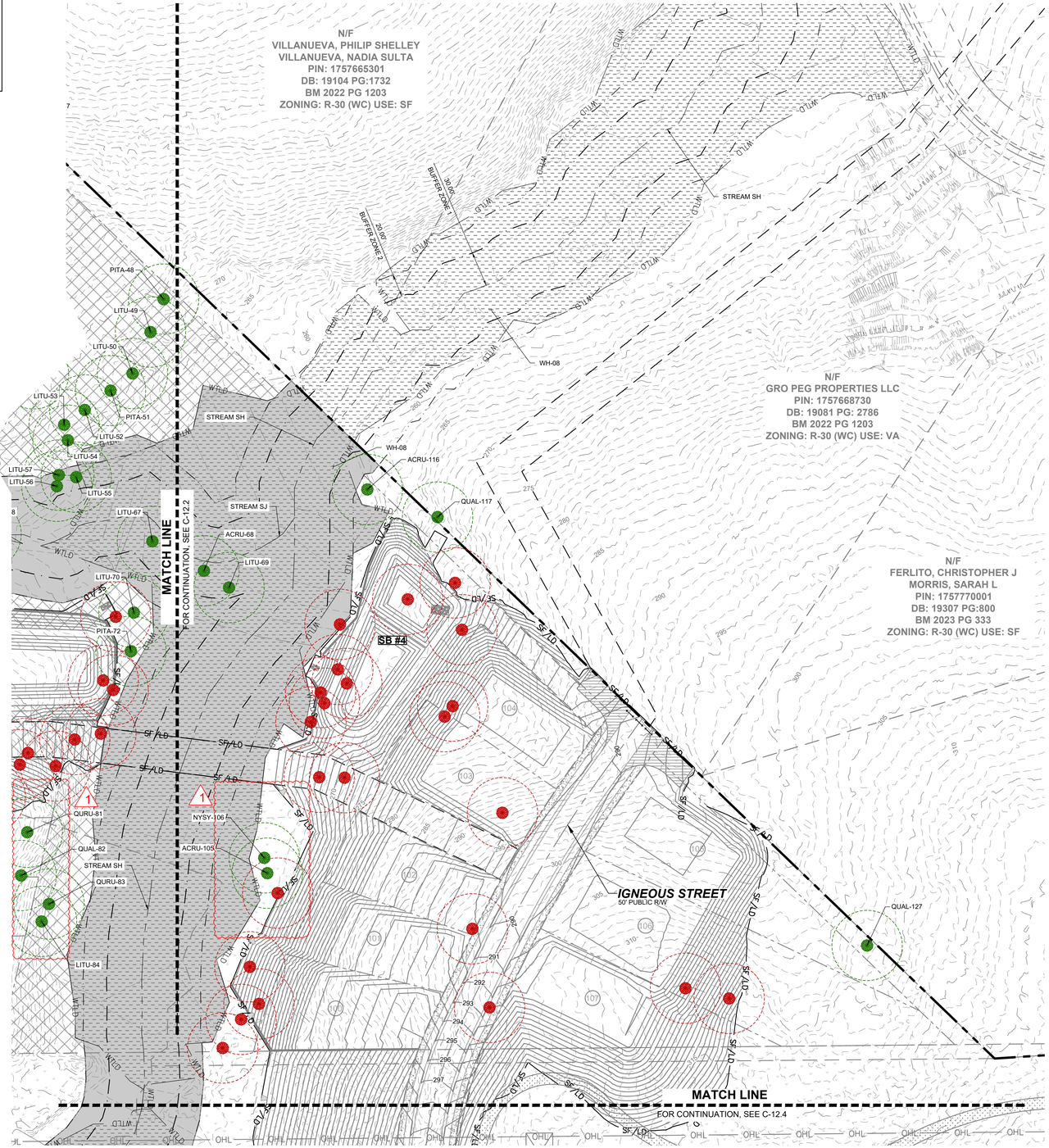
100 OF 129



SITE KEY PLAN

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VP-CID-24-07	02/03/2025	SREG

SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PRESERVATION PLAN III

DRAWING SHEET
C-12.3

101 OF 129

PROGRESS PLOT DATE: 01/24/2025

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

MATCH LINE
FOR CONTINUATION, SEE C-12.3

MATCH LINE
FOR CONTINUATION, SEE C-12.1

MATCH LINE
FOR CONTINUATION, SEE C-12.5

IGNEOUS STREET
50' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

AMENITY CENTER
WITH MAIL KIOSK

SB #3

30.0' BUFFER ZONE 1

20.0' BUFFER ZONE 2

STREAM SI

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC)
USE: MO

N/F
GOLD, SHARIE
PIN: 1757866660
DB: PG:
BM 1990 PG 00623
ZONING: R-30 (WC) USE: SF

N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

N/F
LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA
PIN: 1757876015
DB: 14356 PG: 1438
BM 2002 PG 352
ZONING: R-30 (WC) USE: SF

N/F
BEATTIE, LENORA M
PIN: 1757875349
DB: 07-E PG: 2834
ZONING: R-30 (WC) USE: SF

SITE KEY PLAN
C-12.1 C-12.2 C-12.3 C-12.4 C-12.5 C-12.6

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONG ROCK ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609

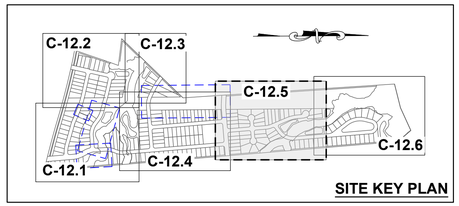
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PRESERVATION PLAN IV

DRAWING SHEET
C-12.4

102 OF 129

PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

N/F
GRO PEG PROPERTIES LLC
PIN: 1757771603
DB: 18359 PG:1707
BM 2023 PG 333
ZONING: R-30 (WC) USE: VA

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757780258
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: SF

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757781960
DB: 14863 PG: 2493
BM 2009 PG 645
ZONING: R-30 (WC) USE: VA

MATCH LINE
FOR CONTINUATION, SEE C-12.4

MATCH LINE
FOR CONTINUATION, SEE C-12.6

LAVA STREET
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

ELECTRIC EASEMENT
180.0'

SCM #5

SCM #6

BUFFER ZONE 1
50.0'

BUFFER ZONE 2
20.0'

N/F
LEFRANCOIS, STEPHEN D
PIN: 1757874787
DB: 5638 PG: 497
ZONING: R-30 (WC) USE: SF

N/F
ADAMS, BENJAMIN ADAMS, WHITNEY
PIN: 1757874938
DB: 18930 PG: 1511
BM 2006 PG 2397
ZONING: R-30 (WC) USE: SF

N/F
JONES PROPERTIES LLC
PIN: 1757884137
DB: 11404 PG: 2275
BM 1986 PG 01374
ZONING: R-30 (WC) USE: MO

N/F
JONES PROPERTIES LLC
PIN: 1757884420
DB: 12589 PG: 1045
BM 1986 PG 1374
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757884608
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VC-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

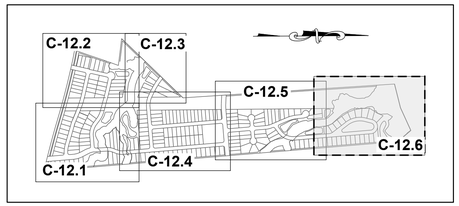
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PRESERVATION PLAN V

DRAWING SHEET
C-12.5

103 OF 129

PROGRESS PLOT DATE: 01/24/2025



SITE KEY PLAN

MATCH LINE
FOR CONTINUATION, SEE C-12.5

GRO PEG LN
60' PUBLIC R.O.W.
(BM 2008, PG 2199)

N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757790646
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: VA

N/F
JONES, CHARLES E
PIN: 1757694902
DB: 8581 PG: 2079
BM 2018 PG 390
ZONING: R-30 (WC) USE: VA

EX. MH-28
STA: 15+72.93
RIM=254.41
INV IN=238.91 (MH-29)
INV OUT=238.91 (MH-27)

EX. 404.33 LF - 24" PVC SAN. SWR.

40' EX. SANITARY SEWER EASEMENT

40' EX. SANITARY SEWER EASEMENT

180.0' ELECTRIC EASEMENT

EX. MH-29
STA: 19+77.26
RIM=253.11
INV IN=240.26 (MH-30)
INV OUT=240.26 (MH-28)

N/F
FORRESTER, JENNIFER N
FORRESTER, HAYES G
PIN: 1758707313
DB: 12620 PG: 2172
ZONING: RL (RO) USE: SF

EX. 237.39 LF - 24" PVC SAN. SWR.

EX. MH-30
STA: 22+14.65
RIM=251.44
INV IN=241.00 (MH-31)
INV OUT=241.05 (MH-29)

SCM #6

SCM #7

SCM #8

STREAM SA

30'-0" BUFFER ZONE 1

20'-0" BUFFER ZONE 2

LIMESTONE WALL LANE
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

N/F
JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757894101
DB: 2590 PG: 622
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757893394
DB: 2478 PG: 210
ZONING: R-30 (WC) USE: MO

N/F
RGA CONSULTING LLC
PIN: 757893646
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA

N/F
JONES PROPERTIES LLC
PIN: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF /LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PRESERVATION PLAN VI

DRAWING SHEET
C-12.6

104 OF 129

TREE TO BE PRESERVED

TYPE	TREE CODE	CALIPER INCHES	CONDITION OVERALL
1	QUNI	20	FAIR
5	PIST	25	FAIR
31	LITU	21	FAIR
32	LITU	20	FAIR
34	LITU	21	FAIR
35	LITU	19	FAIR
36	ULAM	18	FAIR
37	LITU	24	FAIR
38	LITU	28	POOR
39	CEOC	21	FAIR
40	LIST	17	FAIR
41	PITA	24	FAIR
42	QUAL	21	FAIR
43	PITA	24	FAIR
44	PITA	25	FAIR
45	CATO	21	FAIR
46	LITU	25	FAIR
47	PITA	20	FAIR
48	PITA	26	FAIR
49	LITU	24	FAIR
50	LITU	19	FAIR
51	PITA	25	FAIR
52	LITU	26	FAIR
53	LITU	22	FAIR
54	LITU	24	FAIR
55	LITU	26	FAIR
56	LITU	25	FAIR
57	LITU	26	FAIR
58	LITU	27	FAIR
59	LITU	20	FAIR
60	LITU	27	FAIR
61	LIST	24	FAIR
62	QUFA	18	FAIR
67	LITU	22	FAIR
68	ACRU	22	POOR
69	LITU	21	FAIR
70	LITU	28	FAIR
72	PITA	24	FAIR
81	QURU	19	FAIR
82	QUAL	24	FAIR
83	QURU	20	FAIR
84	LITU	26	FAIR
85	QURU	19	FAIR
87	QUAL	18	FAIR
88	QUAL	24	FAIR
105	ACRU	23	FAIR
106	NYSY	18	FAIR
116	ACRU	18	FAIR
117	QUAL	26	FAIR
127	QUAL	20	FAIR
128	PITA	25	FAIR
130	PITA	24	FAIR
131	QUAL	21	FAIR
132	CATO	18	FAIR
133	QUAL	25	FAIR
134	OXAR	18	FAIR
135	ACRU	18	FAIR
136	QUAL	20	FAIR
137	QUAL	25	FAIR
138	QURU	20	FAIR
139	QUAL	18	FAIR
140	QURU	18	FAIR
141	QURU	20	FAIR
142	LITU	20	FAIR
143	QURU	20	FAIR
144	LITU	24	FAIR
145	QURU	19	FAIR
146	FRAM	24	FAIR
147	QUAL	19	FAIR

TREE TO BE PRESERVED

TYPE	TREE CODE	CALIPER INCHES	CONDITION OVERALL
148	LITU	24	FAIR
149	PITA	20	FAIR
150	PITA	20	FAIR
151	PITA	21	FAIR
152	PITA	21	FAIR
153	PITA	20	FAIR
154	PITA	21	FAIR
155	PITA	21	FAIR
156	PITA	20	FAIR
157	PITA	22	FAIR
158	LIST	19	FAIR
159	LIST	19	FAIR
160	LIST	21	FAIR
161	ACRU	25	FAIR
162	ACRU	20	FAIR
163	PITA	20	FAIR
164	PITA	20	FAIR
165	ACRU	25	GOOD
185	LIST	21	GOOD
186	LITU	24	FAIR
187	QUAL	18	GOOD
230	LITU	26	GOOD
233	LITU	22	FAIR
234	LITU	28	POOR
235	LITU	25	FAIR
236	QUAL	26	GOOD
237	QUAL	20	GOOD
238	LITU	18	FAIR
239	LITU	22	GOOD
240	PITA	22	GOOD
242	PLAC1	19	GOOD
243	LITU	18	FAIR
244	LITU	18	GOOD
245	QURU	19	GOOD
246	QURU	24	FAIR
247	QUAL	18	GOOD
251	QURU	19	FAIR
263	LITU	31	POOR
265	LITU	24	GOOD
266	LITU	28	GOOD
267	LITU	31	FAIR
268	QUAL	33	POOR
277	LITU	24	FAIR
278	PITA	23	DEAD
279	ACRU	24	DEAD
281	PLOC	28	POOR
282	LITU	28	FAIR
283	PITA	23	FAIR
284	PITA	24	DEAD
285	PITA	24	FAIR
286	PLOC	24	FAIR
287	LITU	25	DEAD
292	LITU	28	FAIR
293	PITA	24	FAIR
294	PLOC	23	FAIR
295	ACRU	24	POOR
296	LITU	20	FAIR
297	QURU	26	FAIR
298	LITU	20	FAIR
299	QUAL	19	FAIR
301	LITU	18	FAIR
302	PITA	20	FAIR
316	PITA	20	FAIR
317	LITU	23	FAIR
318	LITU	20	FAIR
319	QUAL	37	FAIR
320	QUAL	36	FAIR
322	PITA	20	FAIR
323	PITA	24	FAIR

TREE TO BE PRESERVED

TYPE	TREE CODE	CALIPER INCHES	CONDITION OVERALL
324	QUAL	23	FAIR
325	QUAL	27	FAIR
326	PITA	20	FAIR
327	QUAL	27	FAIR
328	PLOC	22	FAIR
329	QUFA	24	POOR
330	LITU	20	FAIR
333	LITU	19	FAIR
337	QUFA	24	FAIR
338	LITU	21	FAIR
339	LITU	27	FAIR
340	LITU	19	FAIR
341	QUNI	20	FAIR
343	LITU	18	FAIR
344	LITU	18	FAIR
345	LITU	19	FAIR
346	PITA	23	FAIR
347	PITA	23	FAIR
348	ACRU	18	FAIR
349	PITA	24	FAIR
350	LIST	23	FAIR
356	LITU	24	POOR
357	LITU	24	FAIR
358	LITU	19	FAIR
359	LITU	19	FAIR
360	LITU	25	FAIR
361	LIST	18	FAIR
363	ILOP	18	FAIR
364	LIST	18	FAIR
365	LITU	23	FAIR
366	LITU	19	FAIR
367	LITU	23	FAIR
368	LITU	18	FAIR
369	LITU	20	FAIR
371	LITU	23	FAIR
372	LITU	23	FAIR
373	LITU	18	FAIR
374	PITA	25	FAIR
409	LITU	20	FAIR
410	ACRU	20	FAIR
411	LITU	18	FAIR
412	LITU	23	FAIR
414	LITU	21	FAIR
415	LITU	24	FAIR
418	QUAL	24	FAIR
419	QUAL	19	FAIR
421	QUAL	19	FAIR
429	PITA	20	FAIR
431	PITA	21	FAIR
434	LITU	19	FAIR
435	PITA	20	FAIR
437	QUAL	21	FAIR
438	PITA	20	FAIR
439	ACRU	18	FAIR
440	ACRU	24	FAIR
442	LITU	26	FAIR
443	PITA	23	FAIR
446	LITU	20	FAIR
463	ACRU	24	FAIR
464	LITU	19	FAIR
470	QUAL	24	FAIR
471	QUAL	21	FAIR
472	ACRU	18	FAIR
473	ACRU	21	FAIR
474	BENI	18	FAIR

TREE TO BE REMOVED

TYPE	NO OF TREE	BOTANICAL NAME	CALIPER INCHES
DECIDUOUS	3	CEOC	26
DECIDUOUS	4	ULAL	23
DECIDUOUS	6	CAIL	28
DECIDUOUS	7	CAIL	22
DECIDUOUS	15	LITU	18
DECIDUOUS	22	LITU	21
DECIDUOUS	26	PLOC	29
DECIDUOUS	27	PLOC	27
DECIDUOUS	28	ULAM	18
DECIDUOUS	30	LITU	25
DECIDUOUS	33	LITU	25
DECIDUOUS	65	LITU	24
DECIDUOUS	66	LITU	18
DECIDUOUS	71	LITU	21
DECIDUOUS	75	LITU	26
DECIDUOUS	76	QUFA	26
DECIDUOUS	77	QUAL	25
DECIDUOUS	78	QUFA	28
DECIDUOUS	79	QUAL	20
DECIDUOUS	80	QUAL	30
DECIDUOUS	86	QUAL	32
DECIDUOUS	89	QUAL	33
DECIDUOUS	90	QUAL	22
DECIDUOUS	91	QUAL	24
DECIDUOUS	98	LIST	19
DECIDUOUS	99	ULAL	18
DECIDUOUS	100	LITU	21
DECIDUOUS	103	LITU	31
DECIDUOUS	109	LITU	24
DECIDUOUS	110	LIST	19
DECIDUOUS	115	QUAL	48
DECIDUOUS	118	QUAL	25
DECIDUOUS	119	LITU	19
DECIDUOUS	122	QUAL	20
DECIDUOUS	123	QUAL	27
DECIDUOUS	124	ACRU	20
DECIDUOUS	125	CATO	25
DECIDUOUS	126	LITU	25
DECIDUOUS	129	LIST	20
DECIDUOUS	166	LITU	20
DECIDUOUS	173	QUNI	18
DECIDUOUS	174	QUNI	25
DECIDUOUS	175	QUNI	31
DECIDUOUS	176	LITU	29
DECIDUOUS	177	LITU	35
DECIDUOUS	178	LITU	18
DECIDUOUS	181	LITU	36
DECIDUOUS	183	LITU	28
DECIDUOUS	184	LIST	18
DECIDUOUS	188	LITU	18
DECIDUOUS	189	LITU	21
DECIDUOUS	190	LITU	23
DECIDUOUS	191	QUAL	22
DECIDUOUS	192	QUAL	24
DECIDUOUS	193	LITU	25
DECIDUOUS	194	LITU	18
DECIDUOUS	195	LITU	19
DECIDUOUS	197	LITU	20
DECIDUOUS	198	LITU	19
DECIDUOUS	199	LITU	18
DECIDUOUS	204	LIST	18
DECIDUOUS	205	LITU	20
DECIDUOUS	206	LITU	18
DECIDUOUS	207	ACRU	26
DECIDUOUS	208	ACRU	29
DECIDUOUS	209	CEOC	24
DECIDUOUS	210	ACRU	24
DECIDUOUS	212	ACRU	30
DECIDUOUS	213	LIST	21
DECIDUOUS	216	LITU	27
DECIDUOUS	217	ACRU	18
DECIDUOUS	218	LITU	21
DECIDUOUS	219	LITU	36
DECIDUOUS	220	LITU	20
DECIDUOUS	221	LITU	32
DECIDUOUS	222	LITU	35
DECIDUOUS	223	LITU	22
DECIDUOUS	224	ACRU	24
DECIDUOUS	225	QUAL	28
DECIDUOUS	226	LITU	18
DECIDUOUS	227	LITU	25
DECIDUOUS	228	LITU	23
DECIDUOUS	229	LITU	23
DECIDUOUS	231	LITU	35
DECIDUOUS	232	LITU	31
DECIDUOUS	241	LITU	22
DECIDUOUS	248	QUAL	25
DECIDUOUS	249	QUAL	23
DECIDUOUS	250	QURU	21
DECIDUOUS	252	ACRU	18
DECIDUOUS	253	ULAM	35
DECIDUOUS	254	QUAL	25
DECIDUOUS	255	ACRU	28
DECIDUOUS	256	QUNI	18
DECIDUOUS	257	ACRU	18
DECIDUOUS	258	LITU	19
DECIDUOUS	259	PLOC	38
DECIDUOUS	260	LITU	30

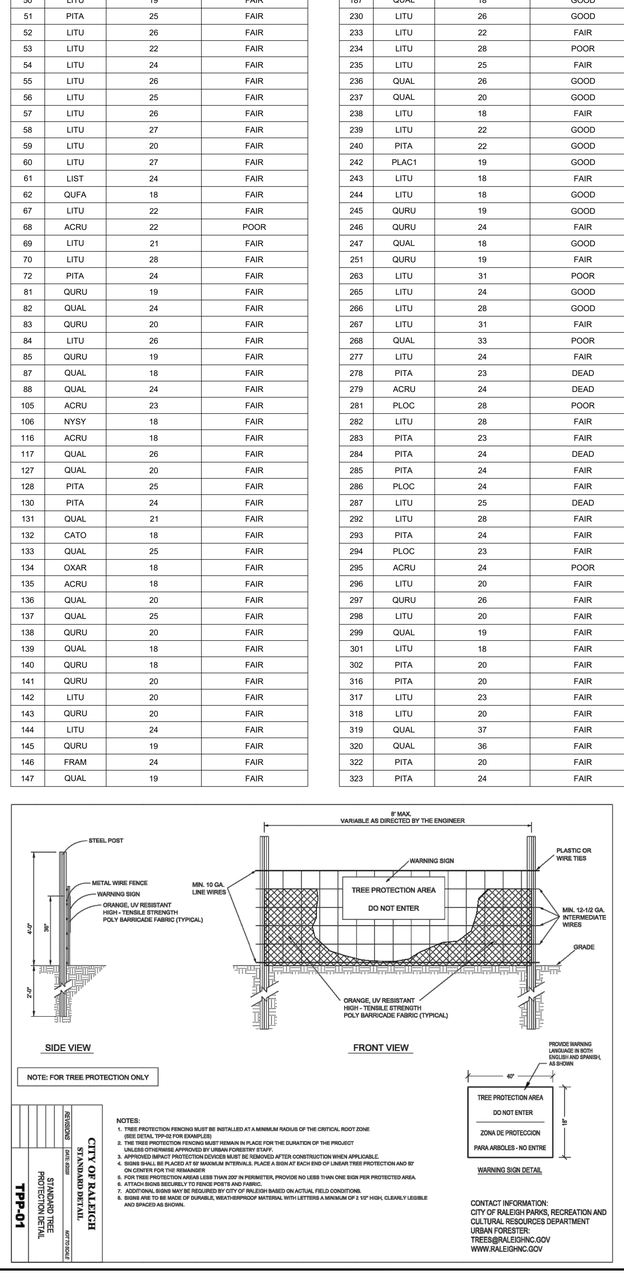
TREE TO BE REMOVED

TYPE	NO OF TREE	BOTANICAL NAME	CALIPER INCHES
DECIDUOUS	261	LITU	21
DECIDUOUS	262	LITU	24
DECIDUOUS	264	LITU	42
DECIDUOUS	269	QURU	24
DECIDUOUS	270	QUAL	24
DECIDUOUS	271	QURU	31
DECIDUOUS	273	QUAL	38
DECIDUOUS	274	QUAL	40
DECIDUOUS	275	LITU	20
DECIDUOUS	276	LITU	21
DECIDUOUS	280	LITU	26
DECIDUOUS	288	LITU	22
DECIDUOUS	290	LIST	24
DECIDUOUS	291	LIST	18
DECIDUOUS	303	QUFA	20
DECIDUOUS	304	LITU	20
DECIDUOUS	305	QURU	20
DECIDUOUS	311	QURU	18
DECIDUOUS	312	QUAL	20
DECIDUOUS	332	LITU	19
DECIDUOUS	334	QURU	23
DECIDUOUS	335	QURU	25
DECIDUOUS	336	LITU	20
DECIDUOUS	342	QURU	19
DECIDUOUS	351	QUNI	20
DECIDUOUS	352	QUNI	36
DECIDUOUS	353	QUNI	32
DECIDUOUS	355	LIST	20
DECIDUOUS	362	QUNI	26
DECIDUOUS	370	QURU	18
DECIDUOUS	375	LITU	19
DECIDUOUS	376	QUAL	24
DECIDUOUS	377	QURU	18
DECIDUOUS	378	QUAL	18
DECIDUOUS	379	CATO	19
DECIDUOUS	380	QURU	18
DECIDUOUS	381	PLOC	19
DECIDUOUS	382	QUFA	18
DECIDUOUS	383	QUAL	21
DECIDUOUS	384	LITU	31
DECIDUOUS	385	LITU	18
DECIDUOUS	386	CATO	24
DECIDUOUS	387	CATO	18
DECIDUOUS	388	QUAL	19
DECIDUOUS	392	QUAL	30
DECIDUOUS	393	QUAL	25
DECIDUOUS	394	QUAL	20
DECIDUOUS	395	QUFA	24
DECIDUOUS	396	QUAL	21
DECIDUOUS	397	QUAL	21
DECIDUOUS	398	QUAL	19
DECIDUOUS	399	QUAL	20
DECIDUOUS	400	ULAL	36
DECIDUOUS	401	ULAL	19
DECIDUOUS	402	QUAL	18
DECIDUOUS	403	QUAL	18
DECIDUOUS	404	QUFA	22
DECIDUOUS	405	QUFA	26
DECIDUOUS	406	QUAL	19
DECIDUOUS	407	QUAL	21
DECIDUOUS	408	QUAL	20
DECIDUOUS	413	QUAL	21
DECIDUOUS	417	QUAL	21
DECIDUOUS	420	QUAL	18
DECIDUOUS	422	QUAL	19
DECIDUOUS	423	LITU	38
DECIDUOUS	424	QUAL	18
DECIDUOUS	425	ACRU	19
DECIDUOUS	428	LITU	20
DECIDUOUS	430	QUAL	20
DECIDUOUS	432	QUAL	24
DECIDUOUS	433	QUAL	19
DECIDUOUS	436	LITU	21
DECIDUOUS	441	QUAL	18
DECIDUOUS	444	CATO	18
DECIDUOUS	445	QUAL	19
DECIDUOUS	447	LITU	30
DECIDUOUS	448	LITU	19
DECIDUOUS	449	QUAL	21
DECIDUOUS	450	QUAL	18
DECIDUOUS	451	QUAL	18
DECIDUOUS	452	ACRU	24
DECIDUOUS	453	QUAL	21
DECIDUOUS	455	CAGL	19
DECIDUOUS	460	QUFA	20
DECIDUOUS	461	QUAL	20
DECIDUOUS	462	CATO	18
DECIDUOUS	465	PLOC	20
DECIDUOUS	467	LITU	18
DECIDUOUS	469	LITU	19
DECIDUOUS	475	QURU	18
DECIDUOUS	476	QURU	19
DECIDUOUS	477	LIST	19
DECIDUOUS	478	LITU	19
DECIDUOUS	479	LITU	21
DECIDUOUS	480	ACRU	24
TOTAL			194

TREE TO BE REMOVED

TYPE	NO OF TREE	BOTANICAL NAME	CALIPER INCHES
CONIFERS	2	PITA	25
CONIFERS	8	PITA	21
CONIFERS	9	PITA	20
CONIFERS	10	PITA	24
CONIFERS	11	PITA	26
CONIFERS	12	PITA	24
CONIFERS	13	PITA	23
CONIFERS	14	PITA	21
CONIFERS	16	PITA	26
CONIFERS	17	PITA	24
CONIFERS	18	PITA	21
CONIFERS	19	PITA	25
CONIFERS	20	PITA	20
CONIFERS	21	PITA	21
CONIFERS	23	PITA	33
CONIFERS	24	PITA	26
CONIFERS	25	PITA	24
CONIFERS	29	PITA	24
CONIFERS	63	PITA	21
CONIFERS	64	PITA	40
CONIFERS	73	PITA	20
CONIFERS	74	PITA	22
CONIFERS	92	PITA	24
CONIFERS	93	PITA	25
CONIFERS	94	PITA	25
CONIFERS	95	PITA	31
CONIFERS	96	PITA	25
CONIFERS	97	PITA	24
CONIFERS	101	PITA	24
CONIFERS	102	PITA	21
CONIFERS	104	PITA	24
CONIFERS	107	PITA	24
CONIFERS	108	PITA	23
CONIFERS	111	PITA	25
CONIFERS	112	PITA	20
CONIFERS	113	PITA	21
CONIFERS	114	PITA	26
CONIFERS	120	PITA	21
CONIFERS	121	PITA	20
CONIFERS	167	PITA	20
CONIFERS	168	PITA	22
CONIFERS	169	PITA	24
CONIFERS	170	PITA	20
CONIFERS	171	PITA	26
CONIFERS	172	PITA	24
CONIFERS	179	PLAC1	23
CONIFERS	182	PLAC1	25
CONIFERS	196	PLAC1	23
CONIFERS	200	PITA	30
CONIFERS	201	PITA	20
CONIFERS	202	PITA	27
CONIFERS	203	PITA	28
CONIFERS	211	PITA	32
CONIFERS	214	PISE	31
CONIFERS	272	PITA	27
CONIFERS	300	PITA	21
CONIFERS	306	PITA	20
CONIFERS	307	PITA	20
CONIFERS	308	PITA	20
CONIFERS	309	PITA	24
CONIFERS	310	PITA	20
CONIFERS	313	PITA	21
CONIFERS	314	PITA	21
CONIFERS	315	PITA	20
CONIFERS	321	PITA	20
CONIFERS	331	PITA	24
CONIFERS	354	PITA	20
CONIFERS	389	PITA	20
CONIFERS	390	PITA	20
CONIFERS	391	PITA	20
CONIFERS	416	PITA	24
CONIFERS	426	PITA	20
CONIFERS	427	PITA	20
CONIFERS	454	PITA	23
CONIFERS	456	PITA	20
CONIFERS	457	PITA	20
CONIFERS	458	PITA	24
CONIFERS	459	PITA	21
CONIFERS	466	PITA	20
CONIFERS	468	PITA	20
TOTAL			80

TREE TYPE	CODE SECTION	CALIPERMIN. (")	REPLACEMENT RATE	NUMBER OF QUALIFING TREES	NUMBER OF REPLACEMENT TREES
EVERGREEN *	6.2.4.5.B.2 & 6.2.4.5.B.3	20	4 TREES	80	320
DECIDUOUS*		18	4 TREES	194	776
ALL**	6.2.4.5.B.4	60	60*	-	-
			TOTAL:		1096
* REPLACEMENT TREES TO BE OF SIMILAR SPECIES AND SIZE					
** REPLACEMENT TREE MIN 3" CALIPER					



CITY OF RALEIGH STANDARD DETAIL

STANDARD TREE PROTECTION DETAIL

TPP-01

NOTES:
1. TREE PROTECTION FENCING MUST BE INSTALLED AT A MINIMUM RADIUS OF THE CRITICAL ROOT ZONE (SEE DETAIL TPP-02 FOR EXAMPLES)
2. THE TREE PROTECTION FENCING MUST REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE APPROVED BY URBAN FORESTRY STAFF.
3. APPROVED IMPACT PROTECTION DEVICES MUST BE REMOVED AFTER CONSTRUCTION WHEN APPLICABLE.
4. SIGNS SHALL BE PLACED AT 50' MAXIMUM INTERVALS, PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER FOR THE REMAINDER
5. FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTED AREA.
6. ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
7. ADDITIONAL SIGNS MAY BE REQUIRED BY CITY OF RALEIGH BASED ON ACTUAL FIELD CONDITIONS.
8. SIGNS ARE TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL WITH LETTERS A MINIMUM OF 2 1/2" HIGH, CLEARLY LEGIBLE AND SPACED AS SHOWN.

CONTACT INFORMATION:
CITY OF RALEIGH PARKS, RECREATION AND CULTURAL RESOURCES DEPARTMENT
URBAN FORESTER:
TREES@RALEIGHNC.GOV
WWW.RALEIGHNC.GOV

NO.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE V2-CID-24-07

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

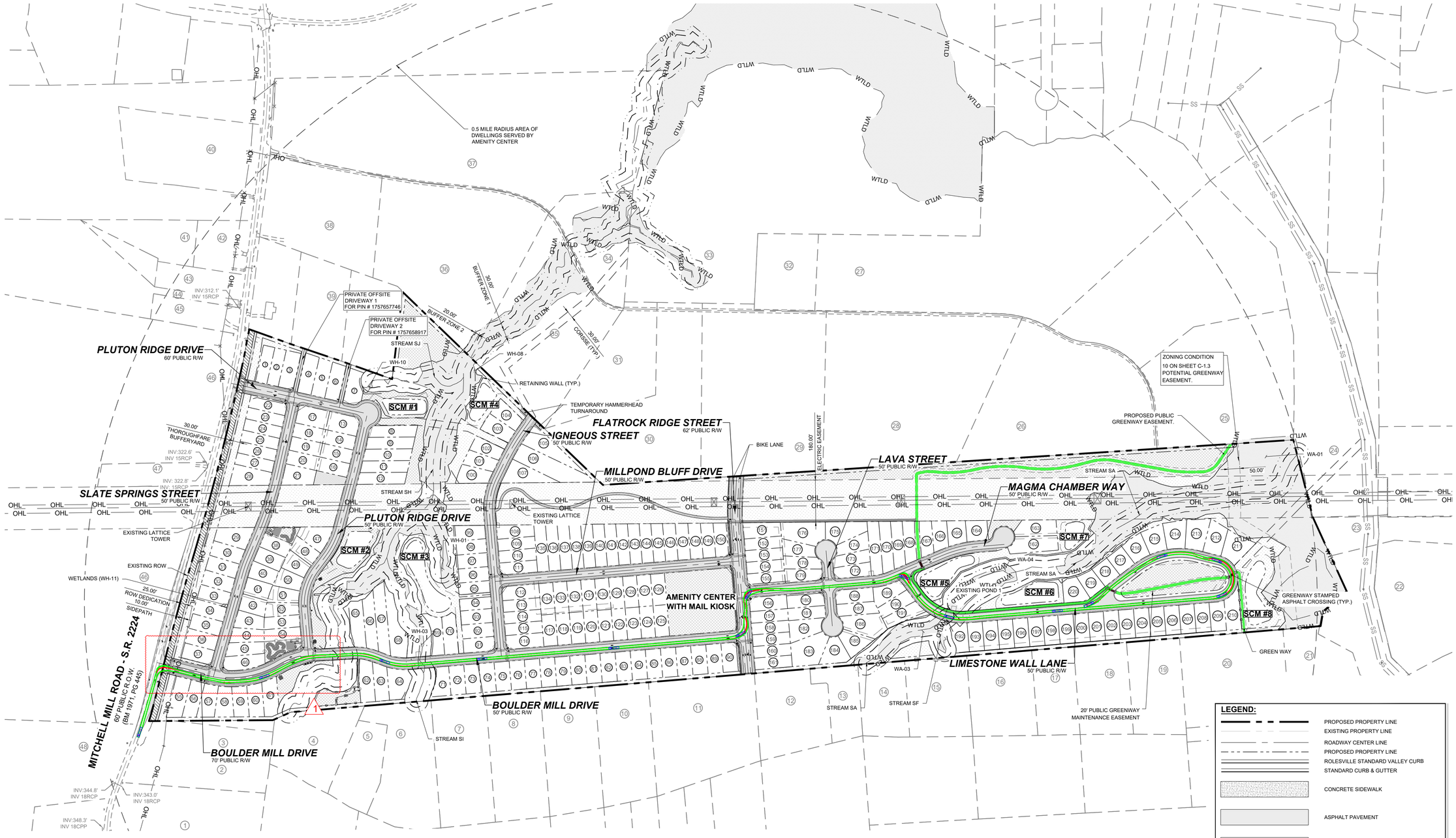
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PRESEVATION TABLE

DRAWING SHEET
C-12.7

THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

PROGRESS PLOT DATE: 01/24/2025



LEGEND:

- PROPOSED PROPERTY LINE
- EXISTING PROPERTY LINE
- ROADWAY CENTER LINE
- PROPOSED PROPERTY LINE
- ROLESVILLE STANDARD VALLEY CURB
- STANDARD CURB & GUTTER
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- OPEN SPACE
- WTLD — EXISTING WETLAND
- TRUCK BODY PATH OUTLINE
- WHEELS PATH OUTLINE
- FIRE TRUCK

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

CONSTRUCTION PLANS

OVERALL FIRE PLAN

DRAWING SHEET

C-13.0

PROGRESS PLOT DATE: 01/24/2025

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 445)

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
70' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

MANLY FARM RD

SCM #2

SCM #3

MATCH LINE
FOR CONTINUATION, SEE C-13.2

STREAM SI

WH-11

WH-03

SIGN

N/F
JONES, CHARLES, ET,AL
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

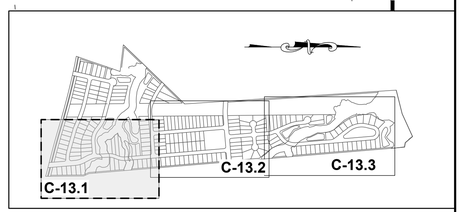
N/F
JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCER
PIN: 1757857937
DB: 9320 PG: 1460
BM 1993 PG 446
ZONING: R-30 (WC) USE: SF

N/F
ANDERSON, BOBBY G
PIN: 1757868104
DB: 8776 PG: 573
BM 1993 PG 446
ZONING: R-30 (WC) USE: MO

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCER JONES, SHARON
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG



SITE KEY PLAN

LEGEND:

SEE SHEET C-13.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VC-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA.
CONSTRUCTION PLANS

FIRE PLAN I

DRAWING SHEET
C-13.1

PROGRESS PLOT DATE: 01/24/2025

MATCH LINE
FOR CONTINUATION, SEE C-13.1

MATCH LINE
FOR CONTINUATION, SEE C-13.3

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

AMENITY CENTER
WITH MAIL KIOSK

N/F
GOLD, SHARIE
PIN: 1757866660
DB: PG:
BM 1990 PG 00623
ZONING: R-30 (WC) USE: SF

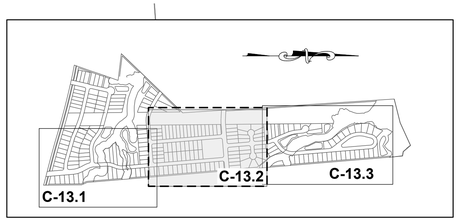
N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

N/F
LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA
PIN: 1757876015
DB: 14356 PG: 1438
BM 2002 PG 352
ZONING: R-30 (WC) USE: SF

N/F
BEATTIE, LENORA M
PIN: 1757875349
DB: 07-E PG: 2834
ZONING: R-30 (WC) USE: SF

N/F
LEFRANCOIS, STEPHEN D
PIN: 1757874787
DB: 5638 PG: 497
ZONING: R-30 (WC) USE: SF

N/F
ADAMS, BENJAMIN ADAMS, WHITNEY
PIN: 1757874938
DB: 18930 PG: 1511
BM 2006 PG 2397
ZONING: R-30 (WC) USE: SF



SITE KEY PLAN

LEGEND:

SEE SHEET C-13.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VC-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL
SEAL
036225
ENGINEER
JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT			
NOT FOR CONSTRUCTION			
SCALE	AS SHOWN	DESIGNED BY	JWL
		DRAWN BY	SRG
		CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

FIRE PLAN II

DRAWING SHEET
C-13.2

PROGRESS PLOT DATE: 01/24/2025

MATCH LINE
FOR CONTINUATION, SEE C-13.2

MAGMA CHAMBER WAY
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

SCM #5

SCM #6

SCM #7

EX. POND

WA-03

WA-04

STREAM SA

STREAM SF

WTLD

OHL

BUFFER ZONE 1
30.00'

BUFFER ZONE 1
20.00'

DUKE ENERGY POWERLINE EASEMENT
180.00'

N/F
JONES PROPERTIES LLC
PIN: 1757884137
DB: 11404 PG: 2275
BM 1986 PG 01374
ZONING: R-30 (WC) USE: MO

N/F
JONES PROPERTIES LLC
PIN: 1757884420
DB: 12589 PG: 1045
BM 1986 PG 1374
ZONING: R-30 (WC) USE: MO

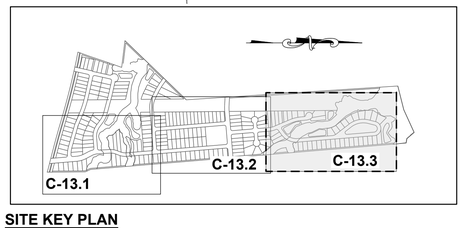
N/F
JONES, CHARLES SPENCE
PIN: 1757884608
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757894101
DB: 2590 PG: 622
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757893394
DB: 2478 PG: 210
ZONING: R-30 (WC) USE: MO

N/F
RGA CONSULTING LLC
PIN: 757893646
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA



SITE KEY PLAN

LEGEND:

SEE SHEET C-13.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VC-CID-24-07	02/03/2025	SREG

SEAL:

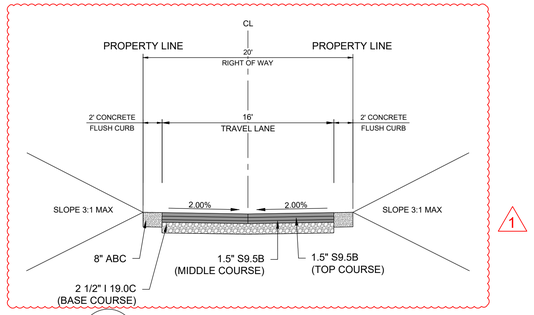
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

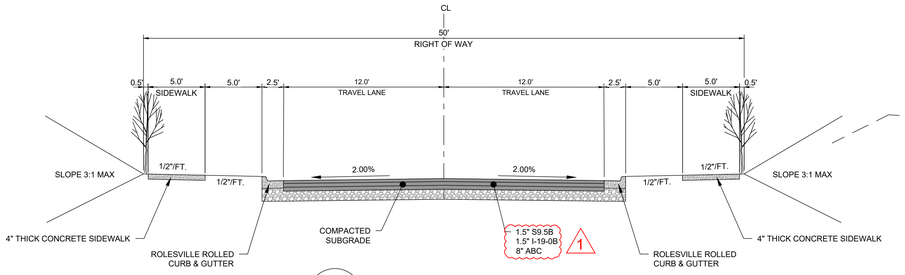
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
FIRE PLAN III

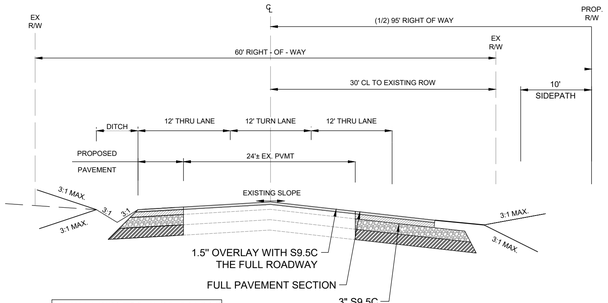
DRAWING SHEET
C-13.3



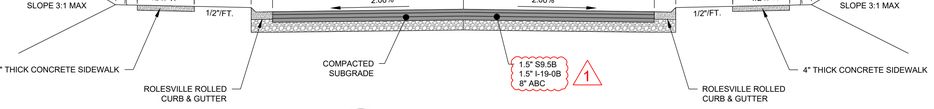
1 D-1.0 **20' PRIVATE OFFSITE DRIVEWAY SECTION - 20' ROW**
SCALE:



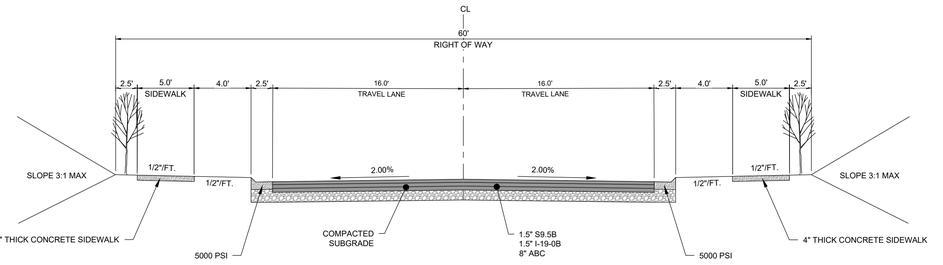
2 D-1.0 **TYPICAL CROSS SECTION - 50' ROW**
SCALE: NTS



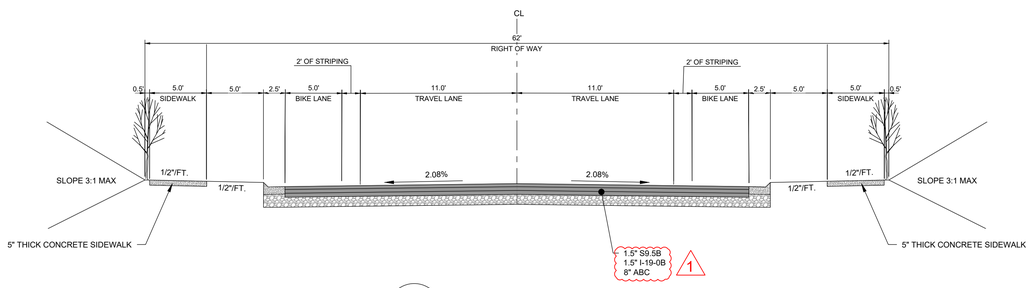
3 D-1.0 **MITCHELL MILL RD ROADWAY IMPROVEMENTS**
SCALE: NTS



4 D-1.0 **TYPICAL CROSS SECTION - 60' ROW**
SCALE: NTS

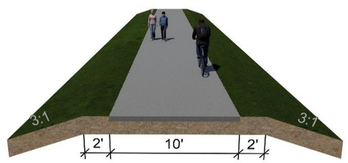


4 D-1.0 **TYPICAL CROSS SECTION - 60' ROW**
SCALE: NTS

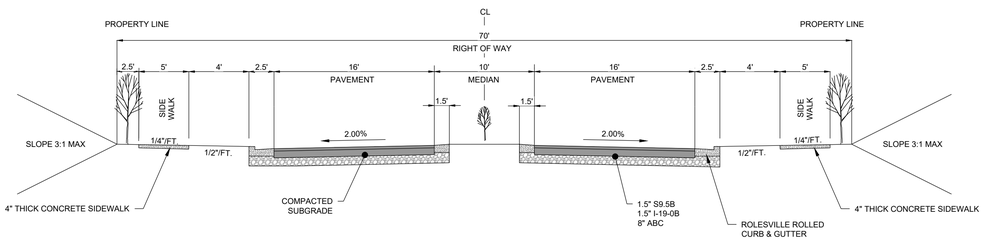


NOTE:
TYPICAL CROSS SECTION AS PER TOWN OF ROLESVILLE BICYCLE PLAN PAGE 72. GRANITE FALLS BLVD SEPARATED BIKE LANES.

5 D-1.0 **TYPICAL CROSS SECTION - 62' ROW**
SCALE: NTS



7 D-2.0 **TYPICAL GREENWAY SECTION**
SCALE: NTS



6 D-1.0 **TYPICAL CROSS SECTION - 70' ROW**
SCALE: NTS

NOTE:
THE MINIMUM PAVEMENT SECTION FOR ALL TOWN ROADWAYS INCLUDES 3-INCHES OF ASPHALT AND 8-INCHES OF ABC. SURFACE MIX IS REQUIRED TO BE THE TOP LAYER IN ANY PAVEMENT DESIGN. THE ASPHALT SHALL BE PLACED IN TWO 1.5-INCCH LIFTS, FOR 3-INCH PAVEMENT.

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

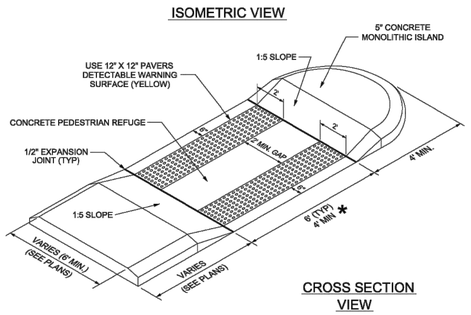
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

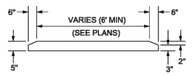
TYPICAL CROSS SECTIONS

DRAWING SHEET
D-1.0

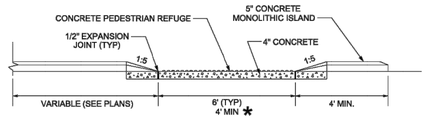
ISOMETRIC VIEW



CROSS SECTION VIEW

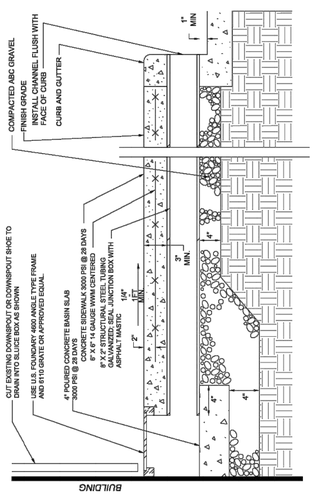


* 10'-0" MIN AT SHARED PEDESTRIAN AND BICYCLE CROSSINGS (TYP)

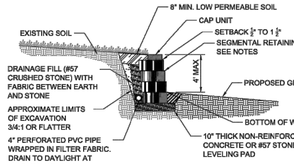


PROFILE VIEW

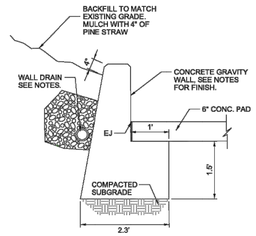
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022	PEDESTRIAN REFUGE	
	T-20.03	



CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CURB DRAIN DETAIL	
	SW-10.12	



SEGMENTAL GRAVITY RETAINING WALL



REINFORCED CONCRETE GRAVITY RETAINING WALL

SEGMENTAL GRAVITY RETAINING WALL NOTES:

1. STANDARD UNIT WILL MEET NCDOT APPROVED VENDORS LIST. DIMENSIONS OF CONCRETE BLOCKS ARE TYPICALLY 18" WIDE BY 18" DEEP BY 8" TALL WITH PIN OR SIMILAR LOCKING MECHANISMS. BACK FILL VOIDS IN BLOCKS WITH #57 STONE TO TOP.
2. DO NOT MIX UNITS FROM DIFFERENT VENDORS ON SAME WALL.
3. TOP CAP UNIT WILL BE GLUED TO BLOCKS WITH ADHESIVE MEETING MANUFACTURERS RECOMMENDATIONS.
4. DO NOT USE SEGMENTAL GRAVITY WALLS WHEN SURCHARGE LOADS WILL BE WITHIN 5'-6" OF THE BACK OF THE CAP UNIT.
5. DO NOT ATTACH FENCE OR HANDRAIL TO WALL.
6. WALL SIMILAR TO NCDOT STANDARD DRAWING 453.02.

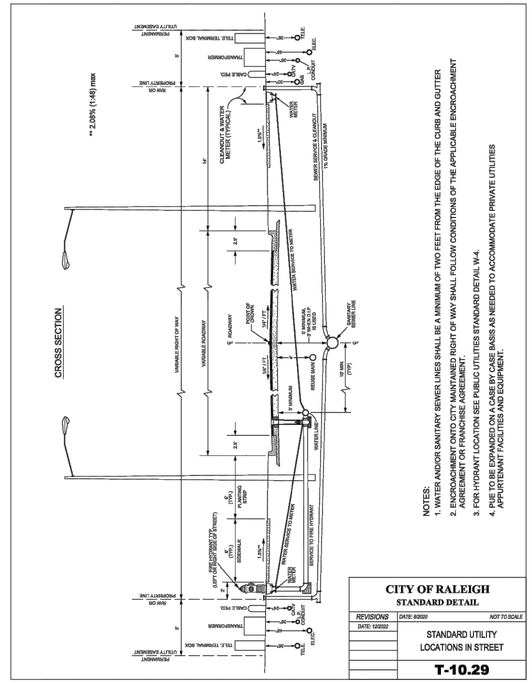
REINFORCED CONCRETE GRAVITY RETAINING WALL NOTES:

1. USE CLASS A CONCRETE AND PROVIDE CLASS I SURFACE FINISH ON ALL EXPOSED SURFACES.
2. PROVIDE GROVED CONTRACTION JOINTS EVERY 10'-0".
3. PROVIDE 4" PERFORATED PVC DRAIN PIPE THE LENGTH OF THE WALL. WRAP PIPE WITH FILTER FABRIC AND PROVIDE 1' WIDE BY 1' DEEP WASHED STONE AROUND PIPE. TIE TO STORM DRAIN OR DAYLIGHT AT ENDS AND PROVIDE SOCK AROUND END OF PIPE.
4. DO NOT BACKFILL WALL UNTIL CONCRETE DEVELOPS A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. COMPACT BACKFILL AND COMPACT WITH HAND OPERATED EQUIPMENT.
5. TAPER ENDS OF WALL TO 6" ABOVE GRADE IN 3' MINIMUM. END OF WALL SHALL HAVE 6" HORIZONTAL CLEARANCE FROM THE EDGE OF SIDEWALK.
6. WALL SIMILAR TO NCDOT STANDARD DRAWING 453.01.

GENERAL NOTES:

1. COORDINATE WITH CITY OF RALEIGH ON WHICH WALL TYPE TO USE.
2. ALL RETAINING WALLS SHALL BE DESIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	RETAINING WALL	
	TT-09	



NOTES:

1. WATER AND/OR SANITARY SEWER LINES SHALL BE A MINIMUM OF TWO FEET FROM THE EDGE OF THE CURB AND GUTTER
2. ENCROACHMENT ONTO CITY MAINTAINED RIGHT OF WAY SHALL FOLLOW CONDITIONS OF THE APPLICABLE ENCROACHMENT AGREEMENT OR FRANCHISE AGREEMENT.
3. FOR HYDRANT LOCATION SEE PUBLIC UTILITIES STANDARD DETAIL W-4.
4. PUE TO BE EXPANDED ON A CASE BY CASE BASIS AS NEEDED TO ACCOMMODATE PRIVATE UTILITIES APPURTENANT FACILITIES AND EQUIPMENT.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022	STANDARD UTILITY LOCATIONS IN STREET	
	T-10.29	

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01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. L AMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

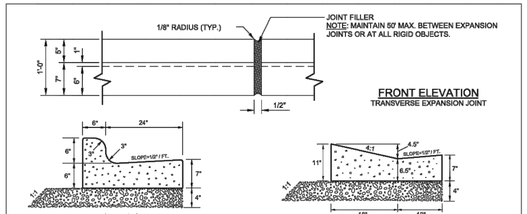
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

SITE DETAILS

DRAWING SHEET

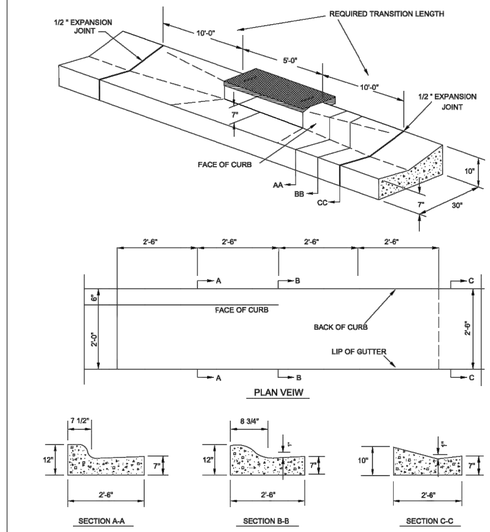
D-1.1



NOTES:
1. 10' MAXIMUM BETWEEN DUMMY JOINTS. 10' MAXIMUM BETWEEN DUMMY JOINTS ON MACHINE POURS.
2. 1/2" EXPANSION JOINT EVERY 50'.
3. 3000 PSI CONCRETE MINIMUM, 4" SLUMP MAXIMUM.
4. LIQUID MEMBRANE CURING COMPOUND SHALL MEET THE REQUIREMENTS OF SECTION 1026-2 OF NCDOT STANDARDS & SPECIFICATIONS FOR ROADS AND STRUCTURES.
5. ALL CONSTRUCTION JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER IN ACCORDANCE WITH NCDOT ROADWAY STANDARD DETAIL 846.01 THE JOINT MATERIAL SHALL CONFORM TO SECTION 1028-2 OF NCDOT STANDARD & SPECIFICATIONS FOR ROADS AND STRUCTURES.
6. REFER TO NCDOT DETAIL 846.01 FOR CURB AND GUTTER SUPERELEVATION RATES.

SHEET 1 OF 2

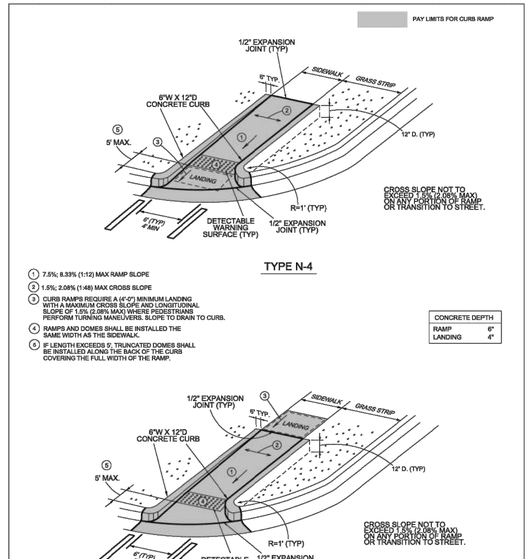
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CURB AND GUTTER	
	T-10.26.1	



NOTES:
TRANSITION NOT TO BE LOCATED WITHIN THE CURB RADIUS.

SHEET 2 OF 2

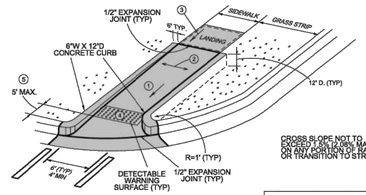
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CURB TRANSITION TO 2'- 6" VALLEY GUTTER	
	T-10.26.2	



TYPE N-4

1. 7.5%; 8.33% (1:12) MAX RAMP SLOPE
2. 1.5%; 2.08% (1:48) MAX CROSS SLOPE
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08% MAX) WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
4. RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
5. IF LENGTH EXCEEDS 5', TRUNCATED DOMES SHALL BE INSTALLED ALONG THE BACK OF THE CURB COVERING THE FULL WIDTH OF THE RAMP.

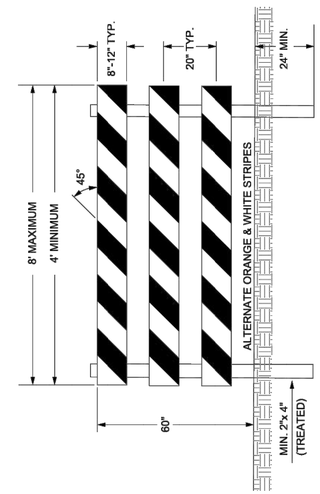
CONCRETE DEPTH	
RAMP	6"
LANDING	4"



TYPE N-4A

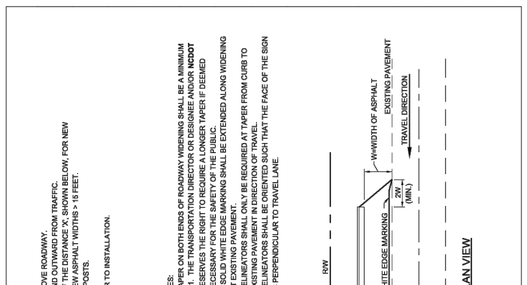
SHEET 4 OF 8

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022		
	CURB RAMPS (NEW DEVELOPMENT)	
	T-20.01.4	

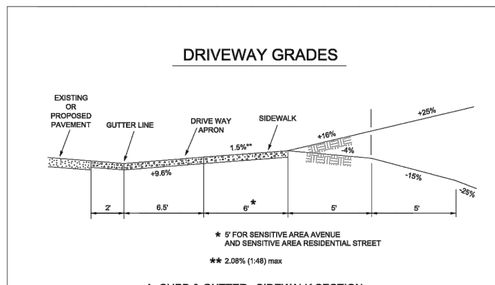


NOTES:
1. STRIPES ON BARRICADE RAILS SLOPE AT ANY ANGLE OF 45 DEGREES IN THE DIRECTION TRAFFIC IS TO PASS.
2. BARRICADE RAIL STRIPE SHALL BE 8 INCHES.
3. THE SIDES OF THE BARRICADE FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	STANDARD TEMPORARY BARRICADE	
	SW-20.17	

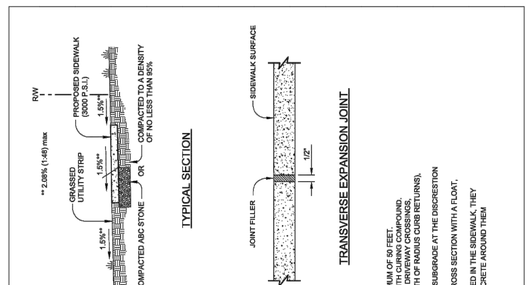


CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	STANDARD PAVEMENT WIDENING TAPER & MARKINGS	
	T-10.27	



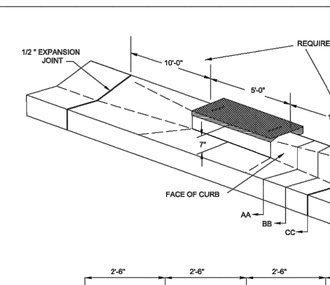
NOTES:
IF THE SLOPE BETWEEN THE TOP OF CURB AND GUTTER AND A POINT 30 FEET FROM THE CURB AND GUTTER EXCEEDS 20%, THIS SLOPE SHALL BE ADJUSTED TO A MAXIMUM OF 8.33% (1"/FT) UP OR 4.17% (1/2" /FT) DOWN.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022		
	DRIVEWAY GRADES	
	T-10.04	



NOTES:
1. TRANSVERSE EXPANSION JOINTS TO BE A MAXIMUM OF 50 FEET.
2. ALL CONCRETE TO BE 3000 PSI AND FINISHED WITH CURING COMPOUND.
3. A 6 INCH DEPTH IS REQUIRED AT LOCATIONS OF DRIVEWAY CROSSINGS, AND IN THE HANDICAP RAMPS.
4. COMPACTED ABC STONE MAY BE REQUIRED AS SUBGRADE AT THE DISCRETION OF THE ENGINEER.
5. SURFACE SHALL BE FINISHED TO GRADE AND CROSS SECTION WITH A FLOAT, TROWEL SMOOTH AND FINISH WITH A BROOM.
6. WHERE CONCRETE SIDEWALK IS TO BE CONSTRUCTED IN THE SIDEWALK, THEY SHALL HAVE A MINIMUM 3' WIDE FRAME OF CONCRETE AROUND THEM.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022		
DATE: 09/2023		
	CONCRETE SIDEWALK	
	T-30.01.1	



NOTES:
TRANSITION NOT TO BE LOCATED WITHIN THE CURB RADIUS.

SHEET 2 OF 2

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CURB TRANSITION TO 2'- 6" VALLEY GUTTER	
	T-10.26.2	

No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG
	REVISIONS	

SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK

ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

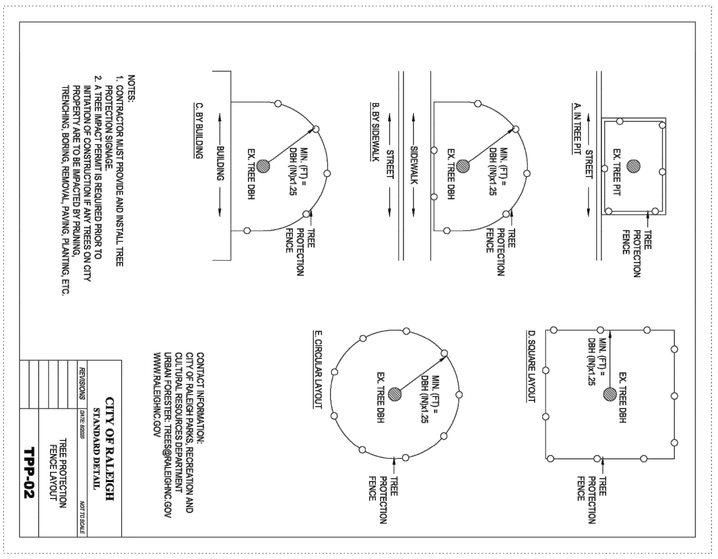
SITE DETAILS

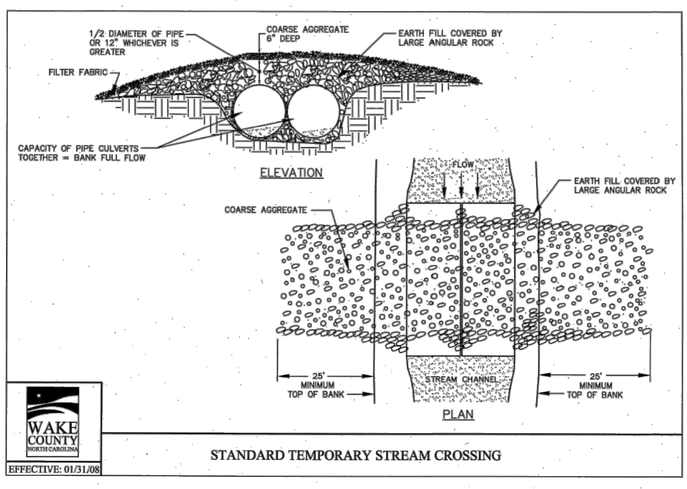
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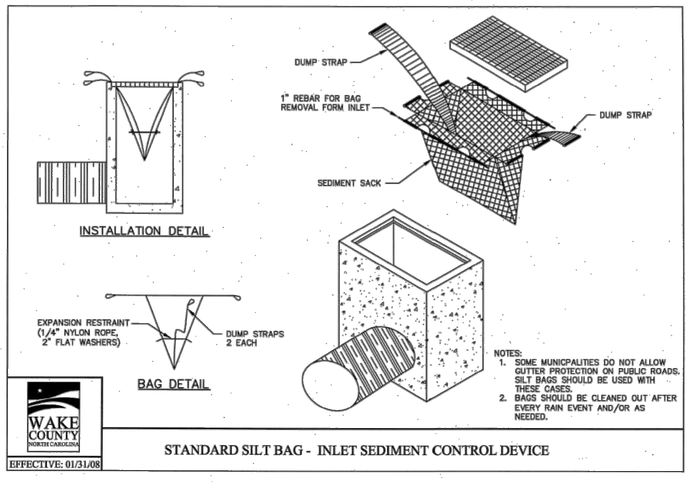
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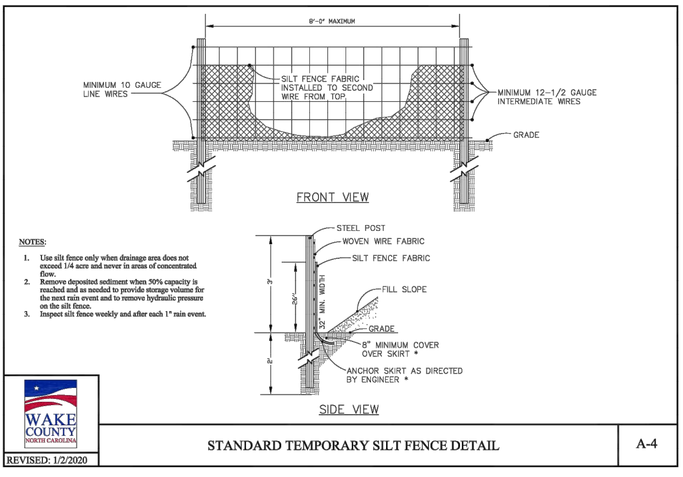
112 OF 129

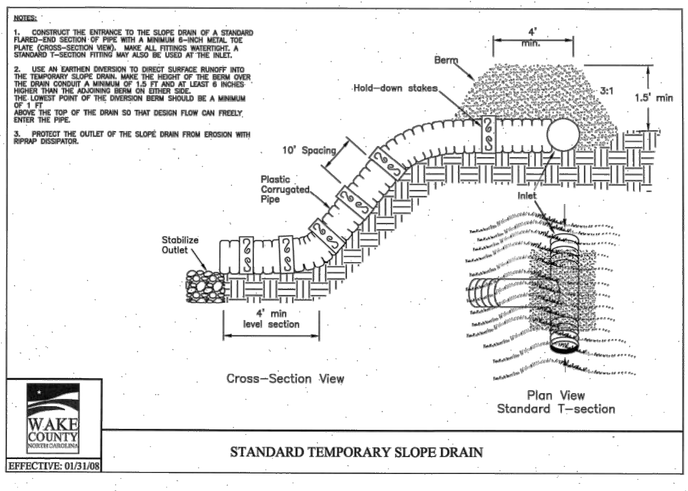
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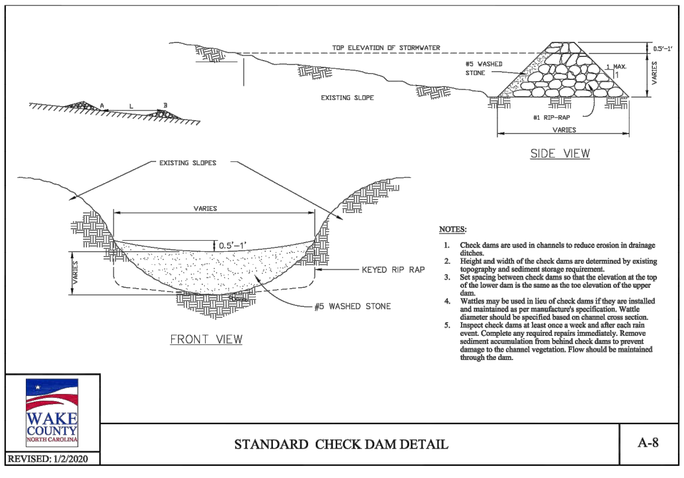


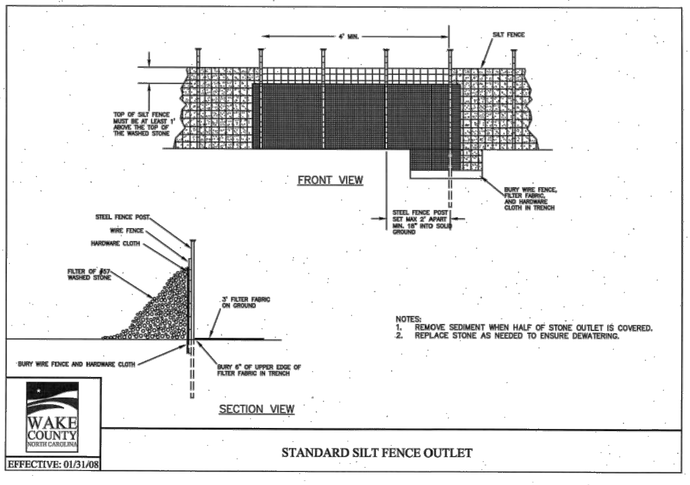


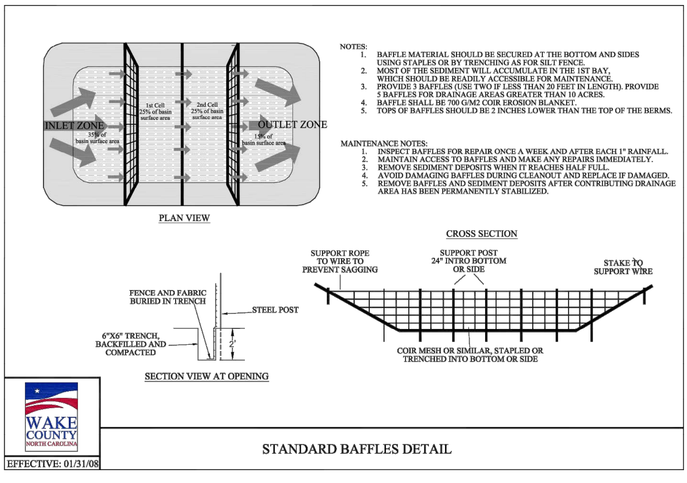












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PROGRESS PLOT DATE: 01/24/2025

DRAWING SHEET D-2.0

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

EROSION CONTROL DETAILS

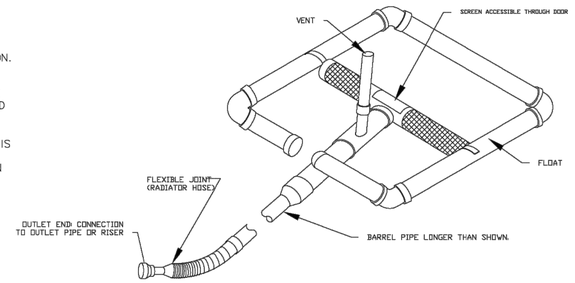
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

STRONGROCK ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038225 JAMES W. LAMBERT IV

No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

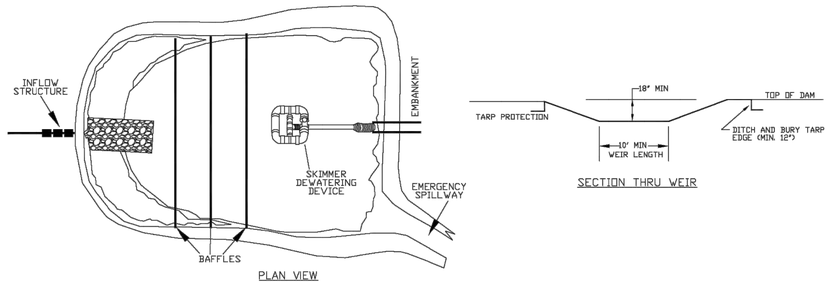
MAINTENANCE NOTES:
1. INSTALL A PAD FOR SKIMMER TO REST ON STONE OR WOOD PALLETS OR H-BEAM SECTION.
2. INSTALL SKIMMER AND PAD AWAY FROM BAFFLES.
3. ATTACH ROPE TO SKIMMER FOR MAINTENANCE
4. INSPECT THE BASIN ON A REGULAR BASIS AND AFTER EVERY SIGNIFICANT RAINFALL EVENT (1 INCH OR GREATER).
5. CHECK THE SKIMMER TO MAKE SURE THAT IT IS NOT CLOGGED WITH SEDIMENT.
6. REMOVE SEDIMENT THAT MAY ACCUMULATE ON THE STONE PAD UNDERNEATH THE SKIMMER DEVICE.

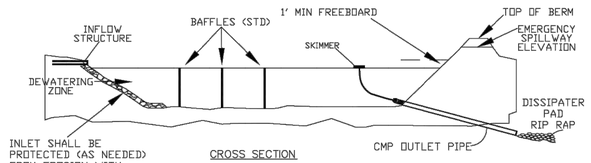


WAKE COUNTY NORTH CAROLINA

EFFECTIVE: 01/31/08

STANDARD SKIMMER DETAIL



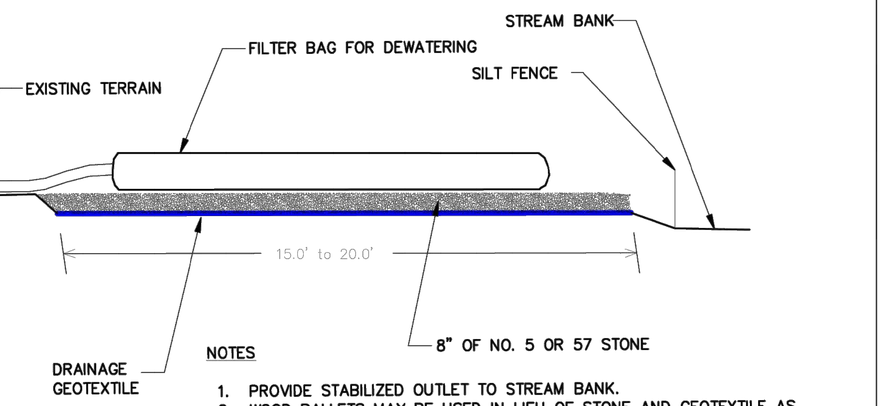


MAINTENANCE NOTES:
1. INSPECT THE BASIN ON A REGULAR BASIS AND AFTER EVERY SIGNIFICANT RAINFALL EVENT (1 INCH OR GREATER).
2. CLEAN OUT THE BASINS WHEN SEDIMENT ACCUMULATIONS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE FIRST BAFFLE.
3. CHECK THE SKIMMER TO MAKE SURE THAT IT IS NOT CLOGGED WITH SEDIMENT.
4. CHECK THE FABRIC LINED SPILLWAY FOR DAMAGE.
5. CHECK THE COIR FIBER MAT AT THE OUTLET OF THE SKIMMER TO DETERMINE IF A REPLACEMENT IS NEEDED.
6. DURING WINTER, SUPPORT THE SKIMMER AT AN ANGLE SUCH THAT WATER DOES NOT STAND INSIDE THE BARREL. THIS COULD RESULT IN THE WATER FREEZING AND PLUGGING THE SKIMMER.
7. REPAIR SEED AND REPLACE MATTING ON THE SIDE SLOPE AREAS THAT HAVE ERODED OR HAVE BECOME DAMAGED BY EQUIPMENT FROM SILT CLEANOUT.
8. REMOVE SEDIMENT THAT MAY ACCUMULATE ON THE STONE PAD UNDERNEATH THE SKIMMER DEVICE.
9. INSPECT THE BAFFLES AFTER EACH RAIN EVENT FOR EROSION DAMAGE AND SEDIMENT ACCUMULATIONS.

WAKE COUNTY NORTH CAROLINA

EFFECTIVE: 01/31/08

STANDARD SKIMMER BASIN



NOTES
1. PROVIDE STABILIZED OUTLET TO STREAM BANK.
2. WOOD PALLETS MAY BE USED IN LIEU OF STONE AND GEOTEXTILE AS DIRECTED. A SUFFICIENT NUMBER OF PALLETS MUST BE PROVIDED TO ELEVATE THE ENTIRE FILTER BAG FOR DEWATERING ABOVE NATURAL GROUND.

MAINTENANCE NOTES

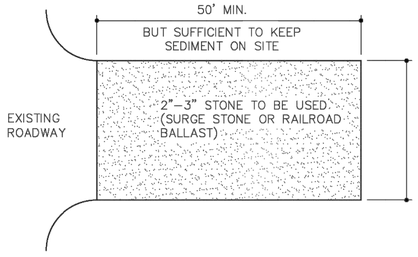
1. REPLACE AND DISPOSE OF FILTER BAG(S) WHEN IT IS ¾ FULL OF SEDIMENT OR WHEN IT IS IMPRCTICAL FOR BAG TO FILTER SEDIMENT.
2. PROVIDE A SUFFICEINT QUANTITY OF FILTER BAGS TO CONTAIN SILT FROM PUMPED EFFLUENT.

NOT TO SCALE

WAKE COUNTY NORTH CAROLINA

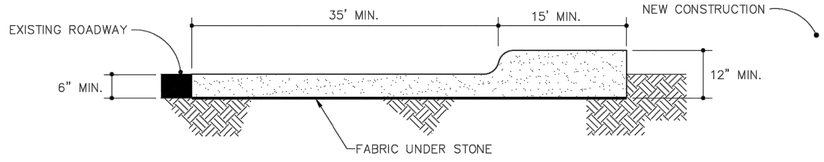
EFFECTIVE: 01/31/08

STANDARD FILTER BAG FOR DEWATERING ACTIVITIES



NOTES:
1. INSTALL SILT FENCE OR TREE PROTECTION FENCE TO ENSURE CONSTRUCTION ENTRANCE IS USED BY VEHICLES.
2. IF MUD IS NOT REMOVED FROM TIRES AFTER VEHICLE TRAVELS OVER STONE, THE TIRES OF THE VEHICLE MUST BE WASHED BEFORE ENTERING PUBLIC ROADS.I

MAINTENANCE NOTES:
1. THE GRAVEL CONSTRUCTION ENTRANCE MUST BE MAINTAINED IN A CONDITION TO PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO ADJACENT ROADWAYS.
2. REPLACEMENT OF STONE MAY BE NECESSARY TO ENSURE THE GRAVEL ENTRANCE FUNCTIONS PROPERLY.
3. REPLENISHMENT OF STONE MAY BE NECESSARY.
4. FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE SHOULD BE COMPLETED.
5. ANY MATERIAL TRACKED ONTO THE ROADWAY SHALL BE CLEANED UP IMMEDIATELY.



WAKE COUNTY NORTH CAROLINA

EFFECTIVE: 01/31/08

STANDARD CONSTRUCTION ENTRANCE

No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE YZ-CID-24-07

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	
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SCALE	AS SHOWN
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CHECKED BY	JWL

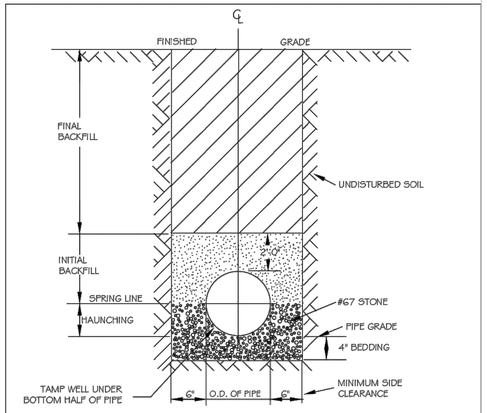
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

EROSION CONTROL DETAILS

DRAWING SHEET
D-2.1

114 OF 129

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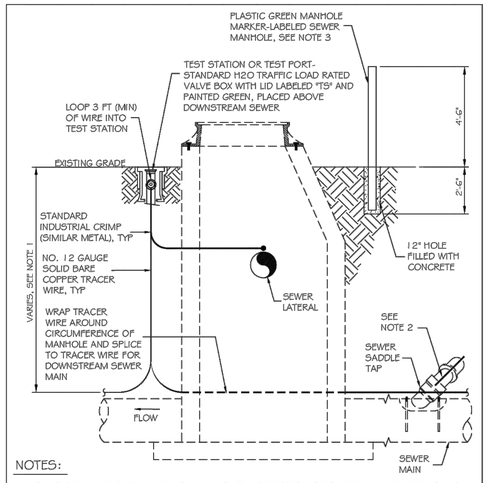


TYPICAL TRENCH BOTTOM DIMENSIONS FOR SDR 35 PVC GRAVITY PIPE

NOTES:
1. FOR TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING AND BRACING.
2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 12" IN NON-TRAFFIC AREAS.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
TRENCH BOTTOM DIMENSIONS AND BACKFILLING REQUIREMENTS FOR PVC GRAVITY SEWER MAIN

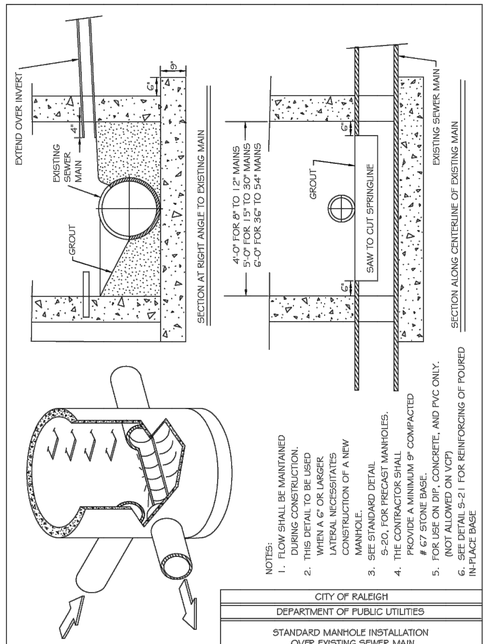
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-5	TO NOTES	3-1-87	D.W.C.	9-3-99
		7-2-92	RRH	3-30-00



NOTES:
1. THE TRACER WIRE SHALL BE CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. FOR GRAVITY MAIN AND OR LATERAL INSTALLATIONS LESS THAN 8 FT, THE TRACING WIRE SHALL BE ATTACHED TO THE PIPE. TRACER WIRE SHALL BE LAID FLAT AND SECURELY AFFIXED TO THE PIPE AT 10 FOOT INTERVALS. FOR GRAVITY MAIN AND OR LATERAL INSTALLATION DEEPER THAN 8 FT, THE TRACING WIRE SHALL BE INSTALLED AT A DEPTH OF 7-8 FT. THE WIRE SHALL BE PROTECTED FROM DAMAGE DURING THE EXECUTION OF THE WORK. NO BREAKS OF CUTS IN THE TRACER WIRE SHALL BE PERMITTED.
2. WHERE LATERAL TAPS ARE MADE BY SERVICE SADDLES, THE TRACER WIRE SHALL NOT BE ALLOWED TO BE PLACED BETWEEN THE SADDLE AND MAIN.
3. MANHOLE MARKERS SHALL BE PLACED ADJACENT TO MANHOLES AT THE DISCRETION OF OWNER OR OWNER'S REPRESENTATIVE.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
GRAVITY SEWER MAIN TRACER WIRE AND MANHOLE MARKER

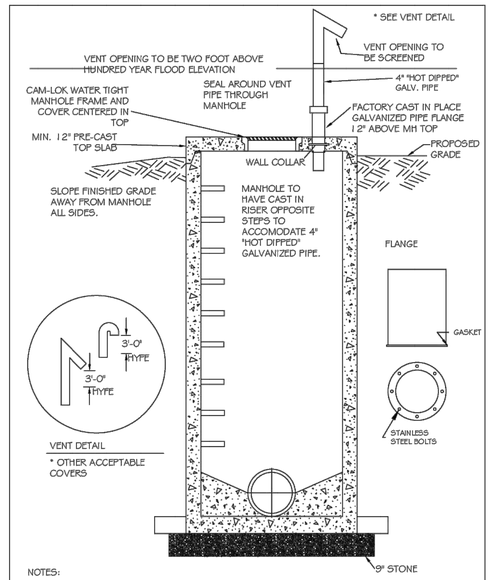
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-20A	WKD	09-14		



NOTES:
1. FLOW SHALL BE MAINTAINED DURING CONSTRUCTION.
2. THIS DETAIL TO BE USED WHEN A 6" OR LARGER LATERAL NECESSITATES CONSTRUCTION OF A NEW MANHOLE.
3. SEE STANDARD DETAIL S-20, FOR PRECAST MANHOLES.
4. THE CONTRACTOR SHALL PROVIDE A MINIMUM 9" COMPACTED #67 STONE BASE.
5. FOR CONCRETE, AND PVC ONLY. (NOT ALLOWED ON VCP)
6. SEE DETAIL S-21 FOR REINFORCING OF POURED IN-PLACE BASE

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD MANHOLE INSTALLATION OVER EXISTING SEWER MAIN

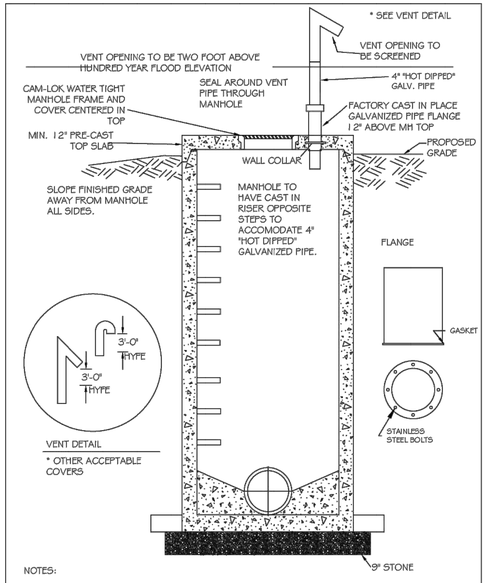
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-22	Y.C.A	12-31-91	A.B.B.	1-19-05
	RRH	3-30-00	D.H.L.	6/16/08



NOTES:
1. VENT MUST BE FACTORY WELDED FABRICATED AND "HOT DIPPED" GALVANIZED.
2. TYPE- Hundred Year Flood elevation

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD SEAL TIGHT MANHOLE WITH VENTED STACK

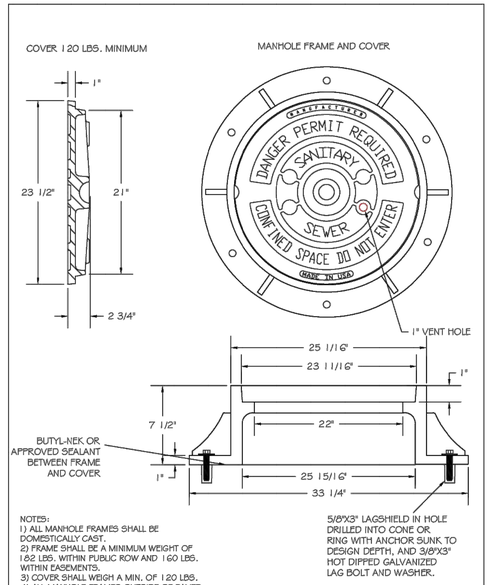
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-24	D.W.C.	6-7-99	A.B.B.	4-15-04
	RRH	3-30-00	D.H.L.	6/16/08



NOTES:
1. VENT MUST BE FACTORY WELDED FABRICATED AND "HOT DIPPED" GALVANIZED.
2. TYPE- Hundred Year Flood elevation

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD SEAL TIGHT MANHOLE WITH VENTED STACK

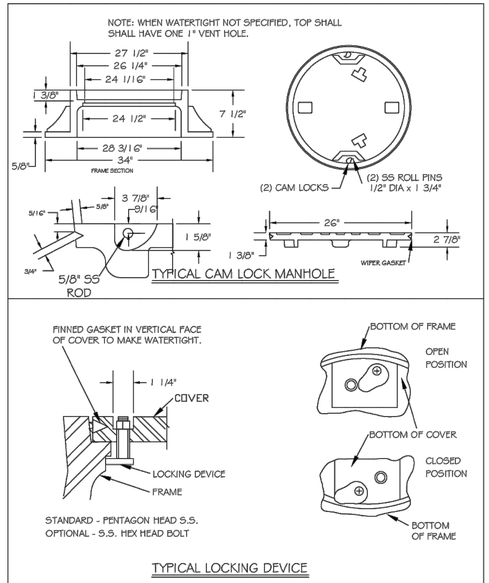
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-24	D.W.C.	6-7-99	A.B.B.	4-15-04
	RRH	3-30-00	D.H.L.	6/16/08



NOTES:
1) ALL MANHOLE FRAMES SHALL BE DOMESTICALLY CAST.
2) FRAME SHALL BE A MINIMUM WEIGHT OF 182 LBS. WITHIN PUBLIC ROW AND 160 LBS. WITHIN EASEMENTS.
3) COVER SHALL WEIGH A MIN. OF 120 LBS.
4) ALL MANHOLE FRAMES OUTSIDE OF PAVED SURFACES SHALL BE BOLTED TO THE CONE SECTION OR RING WITH A MINIMUM OF 4 BOLTS PER FRAME.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD MANHOLE COVER

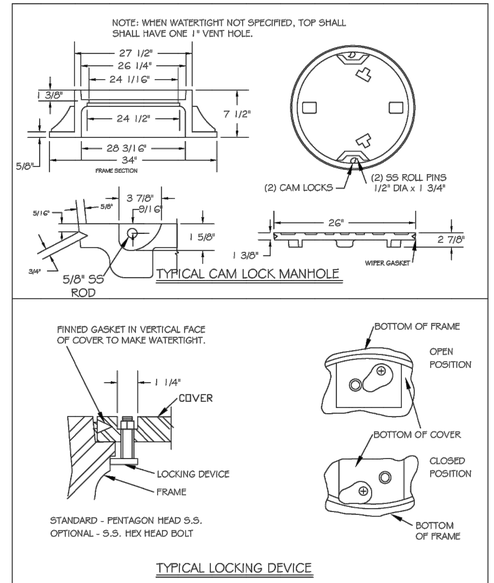
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-25	3-1-87	3-1-87	A.B.B.	2-9-05
	RRH	3-30-00	D.H.L.	6-18-08



RING MUST BE ANCHORED IN ACCORDANCE WITH S-25

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
WATER-TIGHT MANHOLE FRAME WITH CAM LOCK COVER

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-27	RRH	3-30-00		
	DHL	6-18-08		



RING MUST BE ANCHORED IN ACCORDANCE WITH S-25

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
WATER-TIGHT MANHOLE FRAME WITH CAM LOCK COVER

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-27	RRH	3-30-00		
	DHL	6-18-08		

No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VP-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	DESIGNED BY	JWL	DRAWN BY	SRG	CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

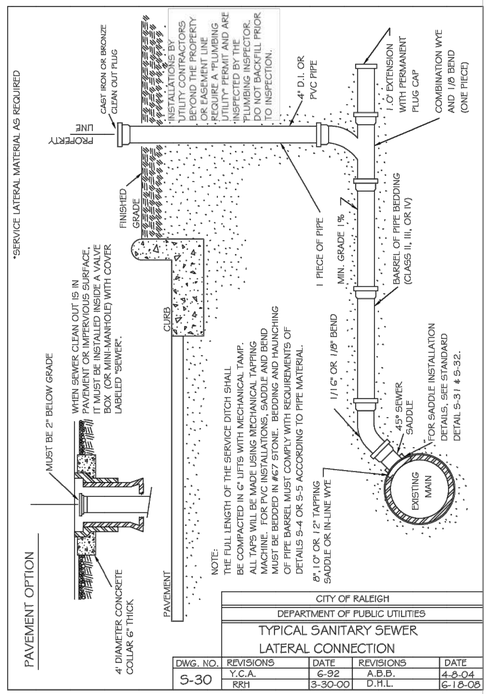
SANITARY SEWER & WATER DETAILS

DRAWING SHEET
D-3.0

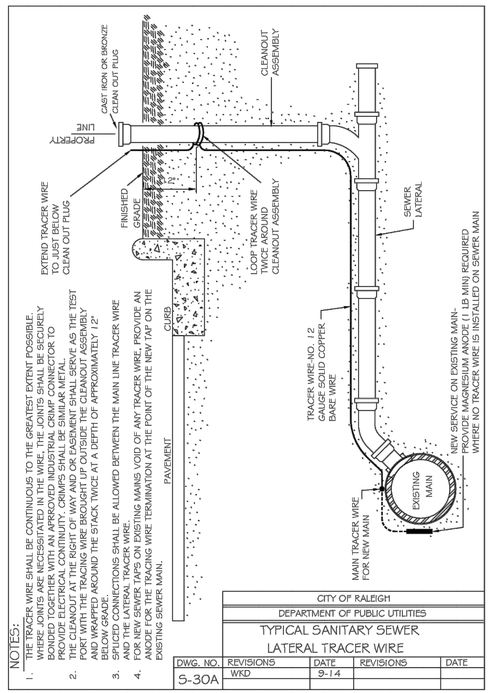
115 OF 129

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PAVEMENT OPTION

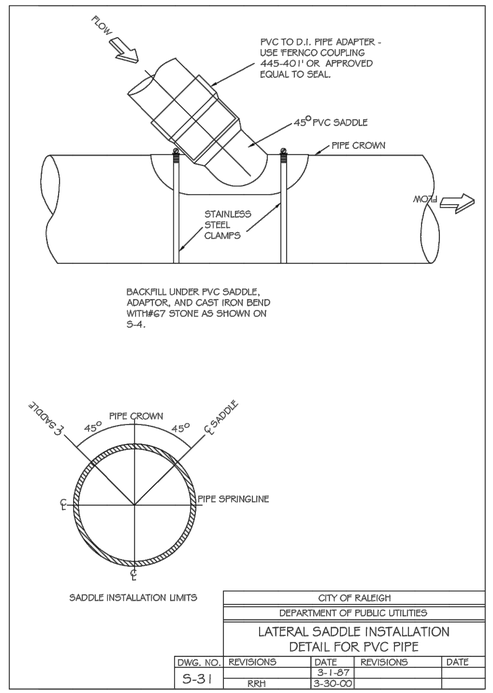


CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
TYPICAL SANITARY SEWER LATERAL CONNECTION				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-30	Y.C.A.	6-92	A.B.B.	4-8-04
	RRH	3-30-00	D.H.L.	6-18-08

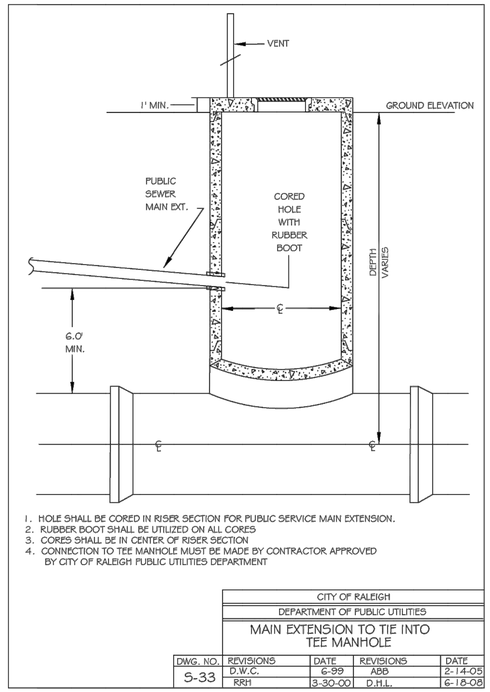


NOTES:
1. THE TRACER WIRE SHALL BE CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. WHERE JOINTS ARE NECESSITATED IN THE WIRE, THE JOINTS SHALL BE SECURELY BONDED TOGETHER WITH APPROVED DIRECT BURIAL SPLICES. SOLDER TO PROVIDE ELECTRICAL CONTINUITY. CRIMPS SHALL BE SIMILAR METAL.
2. THE CLEANOUT AT THE RIGHT OF WAY AND OR EASEMENT SHALL SERVE AS THE TEST PORT WITH THE TRACING WIRE BROUGHT UP OUTSIDE THE CLEANOUT ASSEMBLY AND WIRE LOOPED AROUND THE STACK TWICE AT A DEPTH OF APPROXIMATELY 12" BELOW GRADE.
3. SPLICED CONNECTIONS SHALL BE ALLOWED BETWEEN THE MAIN LINE TRACER WIRE AND THE LATERAL TRACER WIRE.
4. WHERE NON-METALLIC SEWER OR EXISTING MAINS VOID OF ANY TRACER WIRE, PROVIDE AN ANODE FOR THE TRACING WIRE TERMINATION AT THE POINT OF THE NEW TAP ON THE EXISTING SEWER MAIN.

CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
TYPICAL SANITARY SEWER LATERAL TRACER WIRE				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-30A	WKD	9-14		

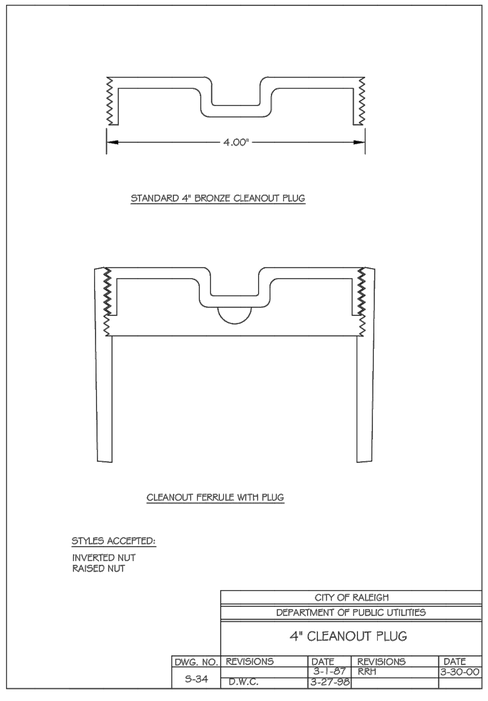


CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
LATERAL SADDLE INSTALLATION DETAIL FOR PVC PIPE				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-31		3-1-87		
	RRH	3-30-00		

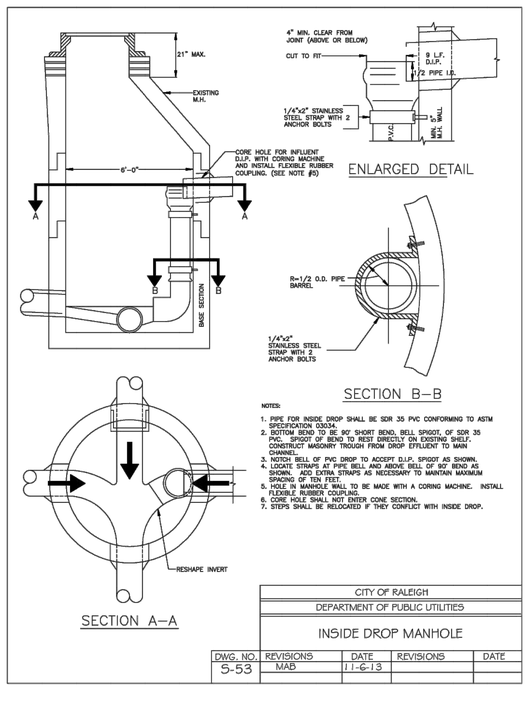


1. HOLE SHALL BE CORED IN RISER SECTION FOR PUBLIC SERVICE MAIN EXTENSION.
2. RUBBER BOOT SHALL BE UTILIZED ON ALL CORES
3. CORES SHALL BE IN CENTER OF RISER SECTION
4. CONNECTION TO TEE MANHOLE MUST BE MADE BY CONTRACTOR APPROVED BY CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
MAIN EXTENSION TO TIE INTO TEE MANHOLE				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-33	D.W.C.	6-99	ABB	2-14-05
	RRH	3-30-00	D.H.L.	6-18-08



CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
4" CLEANOUT PLUG				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-34		3-1-87	RRH	3-30-00
	D.W.C.	3-27-98		



NOTES:
1. PIPE FOR INSIDE DROP SHALL BE SDR 35 PVC CONFORMING TO ASTM SPECIFICATION D3034.
2. BOTTOM BEND TO BE 90° SHORT BEND, BELL SPIGOT, OF SDR 35 PVC. SPIGOT OF BEND TO REST DIRECTLY ON EXISTING SHELF. CONSTRUCT MASONRY TROUGH FROM DROP EFFLUENT TO MAIN CHANNEL.
3. NOTCH BELL OF PVC DROP TO ACCEPT D.I.P. SPIGOT AS SHOWN.
4. LOCATE STRAPS AT PIPE BELL AND ABOVE BELL OF 90° BEND AS SHOWN. ADD EXTRA STRAPS AS NECESSARY TO MAINTAIN MAXIMUM SPACING OF TEN FEET.
5. HOLE IN MANHOLE WALL TO BE MADE WITH A CORING MACHINE. INSTALL FLEXIBLE RUBBER COUPLING.
6. CORE HOLE SHALL NOT ENTER CONE SECTION.
7. STEPS SHALL BE RELOCATED IF THEY CONFLICT WITH INSIDE DROP.

CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
INSIDE DROP MANHOLE				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-53	MAB	11-6-13		

No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VP-CID-24-07	02/03/2025	SREG

SEAL:
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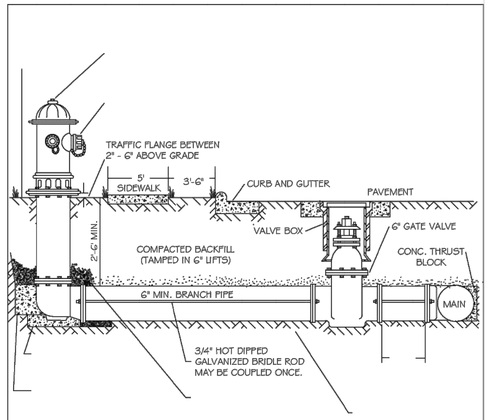
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CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
SANITARY DETAILS

DRAWING SHEET
D-3.1

116 OF 129

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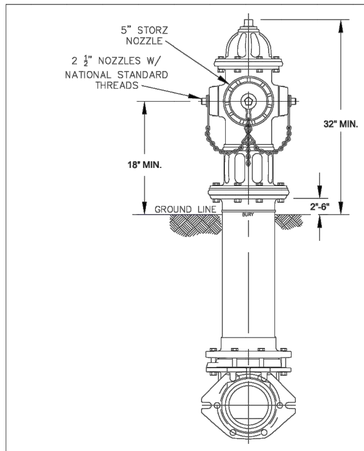


NOTES:
1. FIRE HYDRANT SHALL BE AS MANUFACTURED: MUELLER, AMERICAN DARLING, KENNEDY, M&H, WATEROUS, CLOW, EAST JORDAN IRON WORKS, OR US PIPE.
2. BRANCH PIPE SHALL BE DUCTILE IRON AWWA C150-96
3. 6" GATE VALVE SHALL BE AWWA C500-86 OPEN LEFT
4. STEEL RODS AND BOLTS SHALL BE ¾" HOT DIPPED GALVANIZED
5. FIRE HYDRANTS WILL BE INSTALLED IN TRUE VERTICAL POSITION RODS SHALL NOT BE COUPLED MORE THAN ONCE. IF THE LENGTH FROM THE VALVE TO THE HYDRANT EXCEEDS 20' THEN A MECHANICAL RESTRAINING GLAND WITH A REBAR CAGE SHALL BE INSTALLED NO MORE THAN 10' FROM HYDRANT AND POURED IN CONCRETE. FIRE HYDRANTS TO BE LOCATED IN ROW OR 2 FOOT EASEMENT ADJACENT TO ROW

ANYTIME SITE WORK, CONSTRUCTION, ROAD WORK, OR ANY OTHER WORK CHANGES THE GRADE OF THE FIRE HYDRANT, THE PERSON RESPONSIBLE FOR THE WORK IS RESPONSIBLE FOR ADJUSTING THE FIRE HYDRANT TO STAY WITHIN COMPLIANCE.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD FIRE HYDRANT INSTALLATION DETAIL

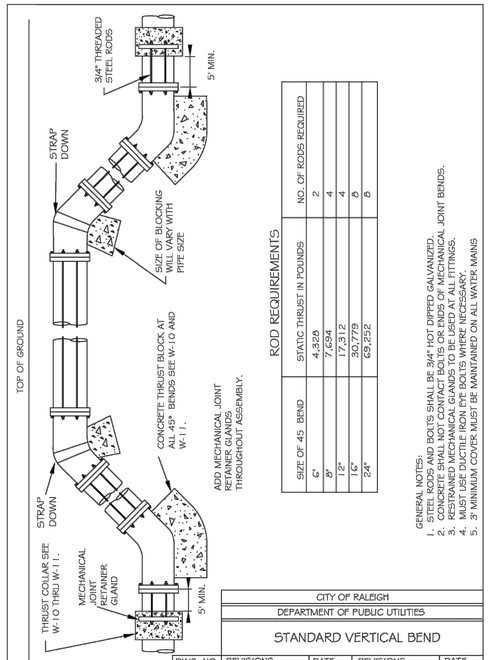
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-4a	ABB	4-6-04		



NOTES:
1. ALL PUBLIC FIRE HYDRANTS IN THE CITY OF RALEIGH AND THE MERGER TOWNS OF GARNER, ROLESVILLE, WAKE FOREST, KNIGHTDALE, WENDELL AND ZEBULON SHALL BE PAINTED CHROME YELLOW WITH HIGH REFLECTIVE ALUMINUM SILVER CAPS, BONNETS AND OPERATING NUTS.
2. ALL PRIVATE FIRE HYDRANTS SHALL BE RED.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
RALEIGH, GARNER, KNIGHTDALE, ROLESVILLE, WAKE FOREST, WENDELL & ZEBULON
STANDARD FIRE HYDRANT WITH 5" STORZ PUMPER NOZZLE

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-3	MAB	6-30-16		
	KAT	9-15-17		



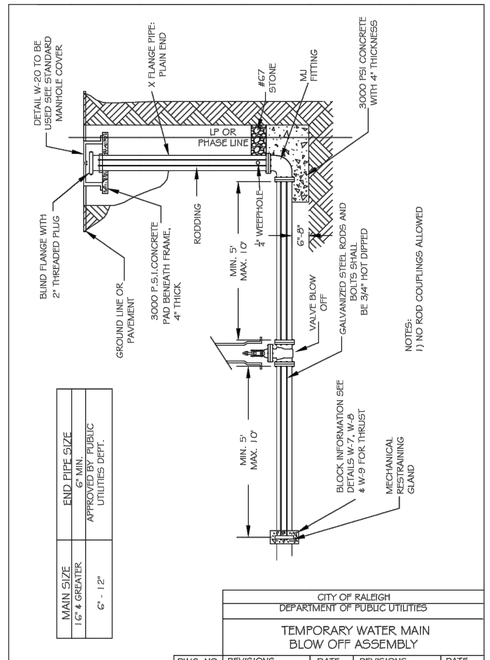
ROD REQUIREMENTS

SIZE OF 45° BEND	STATIC THRUST IN POUNDS	NO. OF RODS REQUIRED
6"	4,326	2
8"	7,694	4
12"	17,312	4
16"	30,779	6
24"	69,252	6

GENERAL NOTES:
1. STEEL RODS AND BOLTS SHALL BE 3/4" HOT DIPPED GALVANIZED.
2. COUPLING RODS TO CONTACT BOLTS OR ENDS OF MECHANICAL JOINT BENDS.
3. RESTRAINED MECHANICAL GLANDS TO BE USED AT ALL FITTINGS.
4. MUST USE DUCTILE IRON DYE BOLTS WHERE NECESSARY.
5. 3' MINIMUM COVER MUST BE MAINTAINED ON ALL WATER MAINS

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD VERTICAL BEND

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-12	ABB	4-6-04	J.P.S.	11-1-10
	D.H.L.	6-16-06		

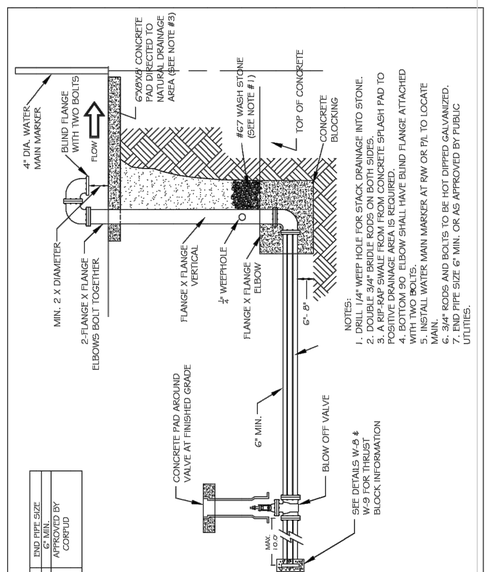


MAIN SIZE	END PIPE SIZE
16" & GREATER	6" MIN. APPROVED BY PUBLIC UTILITIES DEPT.
6" - 12"	

NOTES:
1) NO ROD COUPLINGS ALLOWED

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
TEMPORARY WATER MAIN BLOW OFF ASSEMBLY

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-21	D.W.C.	2-28-99	A.B.B.	4-12-04
	RRH	3-31-00	DHL	8-16-07

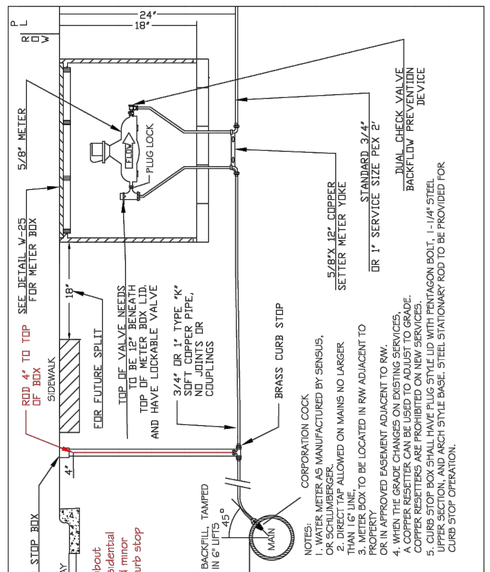


NOTES:
1. DRILL 1/4" WEEP HOLE FOR STACK DRAINAGE INTO STONE.
2. ADD ¾" WASH STONE TO BOTTOM OF CONCRETE SPLASH PAD TO POSITIVE DRAINAGE AREA IS REQUIRED.
3. ADD ¾" WASH STONE TO TOP OF CONCRETE SPLASH PAD TO POSITIVE DRAINAGE AREA IS REQUIRED.
4. BOTTOM 90° ELBOW SHALL HAVE BLIND FLANGE ATTACHED WITH TWO BOLTS.
5. THE INSTALLED WATER MAIN MARKER AT R/W OR P/L TO LOCATE MAIN.
6. 3/4" RODS AND BOLTS TO BE HOT DIPPED GALVANIZED.
7. END PIPE SIZE 6" MIN. OR AS APPROVED BY PUBLIC UTILITIES.

MAIN SIZE	END PIPE SIZE
16" & GREATER	6" MIN. APPROVED BY CORP/UD
6" - 12"	

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
PERMANENT WATER MAIN BLOW OFF ASSEMBLY

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-22	D.W.C.	12-28-99	DHL	8-16-07
	A.B.B.	4-13-04		

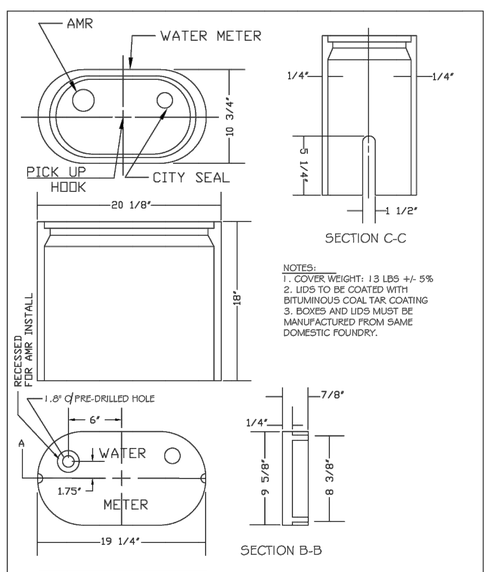


NOTES:
1. WATER METER AS MANUFACTURED BY SENSUS, OR SCHLUMBERGER.
2. DIRECT TAP ALLOWED ON MAINS NO LARGER THAN 1" LINE.
3. METER BOX TO BE LOCATED IN R/W ADJACENT TO R/W OR IN APPROVED EASEMENT ADJACENT TO R/W.
4. WHEN THE GRADE CHANGES ON EXISTING SERVICES, A COPPER RESETTER CAN BE USED TO ADJUST TO GRADE. COPPER RESETTERS ARE PROHIBITED ON NEW SERVICES.
5. THE SERVICE SHALL HAVE FULL SIZE UNIONS AT THE METER. UPPER SECTION, AND ARCH STYLE BASE. STEEL STATIONARY ROD TO BE PROVIDED FOR CURB STOP OPERATION.

**service stubout length on residential property and minor text edits, curb stop added

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD 3/4" & 1" WATER SERVICE INSTALLATION

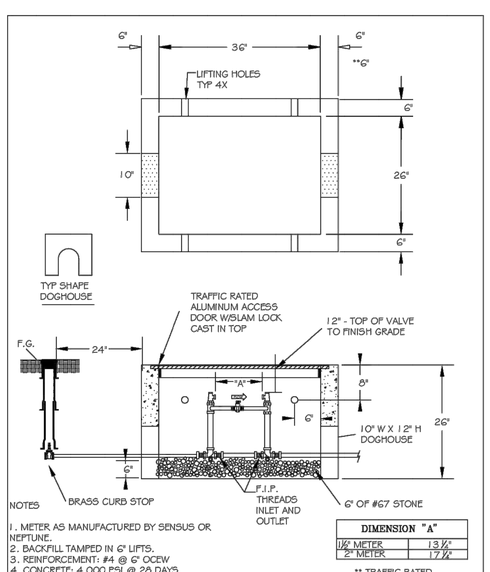
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-23	ABB	4-6-04	RKV	7/23/13
	D.H.L.	6/18/08		



NOTES:
1. COVER WEIGHT: 13 LBS +/- 5%
2. LIDS TO BE COATED WITH BITUMINOUS COAL TAR COATING
3. BOXES AND LIDS MUST BE MANUFACTURED FROM SAME DOMESTIC FOUNDRY.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
WATER METER BOX DETAIL

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-25			ABB	1-20-05
	R.K.V.	8-20-13	J.P.S.	11-4-10



NOTES:
1. METER AS MANUFACTURED BY SENSUS OR NEPTUNE.
2. BACKFILL TAMPED IN 6" LIFTS.
3. REINFORCEMENT: #4 @ 6" OCEW
4. CONCRETE: 4,000 PSI @ 28 DAYS
5. ALL RPZ BACKFLOW PREVENTION DEVICES MUST BE INSTALLED PRIOR TO METER BEING SET.
6) ALL COPPER SETTERS ARE TO HAVE A BALL TYPE SHUT OFF VALVE ON BOTH SIDES OF COPPER SETTER WITH HIGH RISE BYPASS THAT IS MANUFACTURED BY FORD, MUELLER, OR AY McDONALD. (NO EXCEPTIONS)

DIMENSION "A"	
1½" METER	13 ½"
2" METER	17 ½"

** TRAFFIC RATED VAULT WALL THICKNESS

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
TYPICAL 1 1/2"- 2" WATER METER BOX INSTALLATION

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-31	A.B.B.	8-17-04	J.P.S.	11-4-10
	D.H.L.	6-18-05		

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02	TOWN OF ROLESVILLE VP-CID-24-07	02/03/2025	SREG

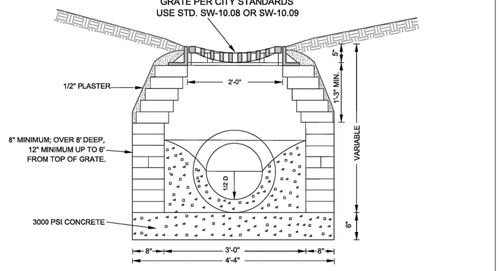
SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. L. AMBERT

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ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT
NOT FOR CONSTRUCTION
SCALE: AS SHOWN
DESIGNED BY: JWL
DRAWN BY: SRG
CHECKED BY: JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
WATER DETAILS

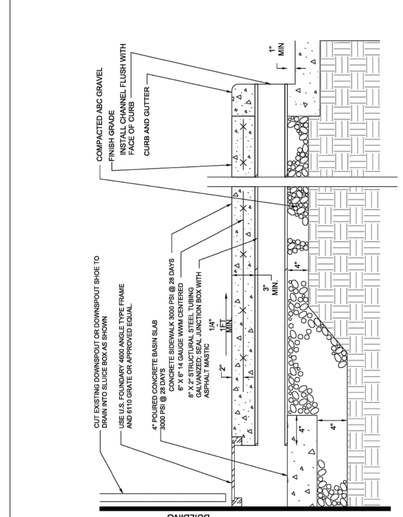
DRAWING SHEET
D-4.0



NOTES:
1. FOR 24" RCP & LARGER USE PIPE DIAMETER PLUS 12" FOR MINIMUM INSIDE DIMENSION.
2. 24" X 24" CASTING WITH 12", 15" & 18" PIPE, 24" X 36" CASTING USED WITH 24" PIPE OR LARGER. IF PLACED WITHIN PUBLIC R/W CASTING MUST BE TRAFFIC BEARING TYPE PER NCDOT STANDARDS.
3. USE 4" X 4" X 8" OR 4" X 8" X 16" SOLID CONCRETE BLOCK, CAST IN PLACE OR PRECAST CONCRETE TO MEET N.C.D.O.T. STANDARDS ACCEPTABLE.
4. STEPS SHALL BE INSTALLED IN ALL DROP INLETS OVER 3' IN DEPTH. DEPTH SHALL BE MEASURED FROM THE TOP OF GRATE TO THE INVERT OF THE DROP INLET.

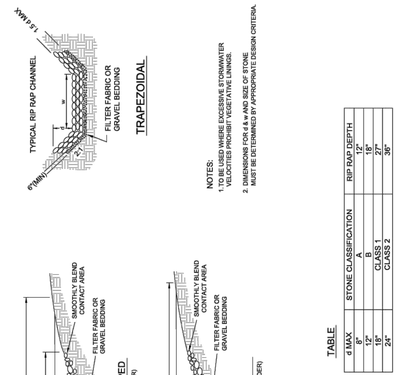
CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
	STANDARD DROP INLET	
	SW-10.03	



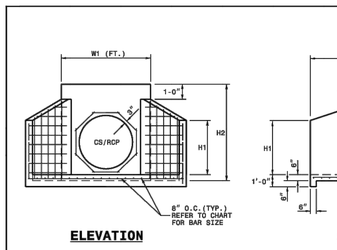
CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
	CURB DRAIN DETAIL	
	SW-10.12	



CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2020	NOT TO SCALE
	RIP RAP LINED CHANNELS	
	SW-20.12	



NOTES:
* THIS PRECAST ENDWALL MAY BE USED FOR THE FOLLOWING STANDARDS: 838.01, 838.11, 838.21, 838.27, 838.33, 838.39, 838.51, 838.57, 838.63 AND 838.69.
* INSTALL PRECAST ENDWALLS WITH WINGS AND PAY FOR IN ACCORDANCE WITH SPECIFICATION SECTION 838.
* USE 4000 PSI CONCRETE.
* PROVIDE ALL REINFORCING STEEL WHICH MEETS ASTM A615 FOR GRADE 60 AND WELDED WIRE FABRIC CONFORMING TO ASTM A185 WITH 2" MIN. CLEARANCE.
* PLACE LIFT HOLES OR PINS IN ACCORDANCE WITH OSHA STANDARD 1926.704.
* PIPE TO BE GROUTED INTO HEADWALL AT JOB SITE BY CONTRACTOR
* ALL ELEMENTS PRECAST TO MEET ASTM C913.
* WELDED WIRE FABRIC MAY BE SUBSTITUTED FOR REBAR AS LONG AS THE SAME AREA OF STEEL IS PROVIDED.
* CHAMFER ALL CORNERS 1" OR HAVE A RADIUS OF 1".

NOTE: THE MINIMUM BAR SIZE SHALL BE #5 BARS AT 8" CTS.THE CONTRACTOR WILL HAVE THE OPTION TO INCREASE THIS BAR SIZE AS NEEDED.

ENDWALL DIMENSIONS

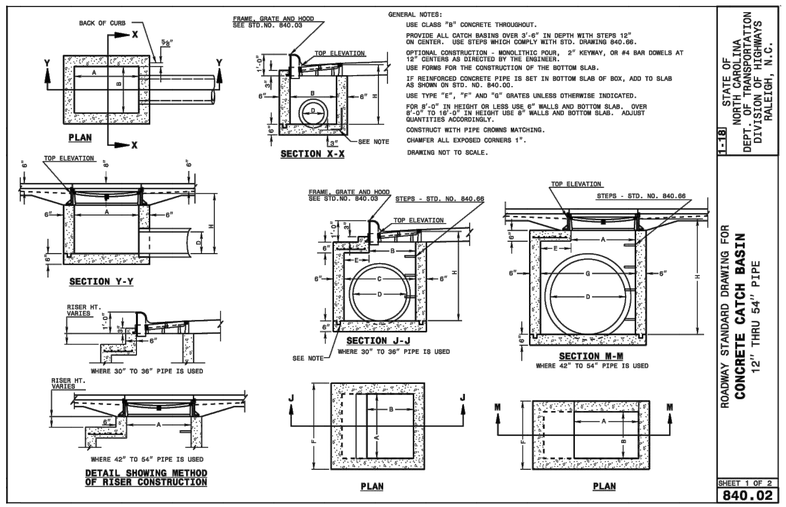
FT.	MINIMUM	MIN./MAX.	MIN./MAX.	MIN./MAX.	MIN./MAX.	MIN./MAX.
PIPE DIA.	BAR SIZE	H1(FT.)	H2(FT.)	D (FT.)	W1	W2
1.0	#5 @ 8"	1.25/2.00	2.00/3.75	1.25/1.75	3.00/3.75	5.50/6.00
1.25	#5 @ 8"	1.25/2.00	3.00/3.75	1.25/2.00	3.50/3.75	6.50/6.75
1.50	#5 @ 8"	1.25/2.00	3.00/4.25	1.50/2.50	3.50/3.75	6.50/6.75
2.0	#5 @ 8"	1.50/2.50	4.00/4.75	1.75/2.50	4.00/4.25	7.50/8.25
2.5	#5 @ 8"	2.50/3.50	4.00/6.00	2.00/3.00	4.50/5.50	10.00/11.50
3.0	#5 @ 8"	3.00/3.50	5.00/6.00	2.75/3.50	5.25/5.75	11.50/11.75
3.5	#5 @ 8"	3.25/4.50	6.00/6.75	3.25/3.50	6.00/6.75	12.00/13.25
4.0	#5 @ 8"	3.50/4.50	6.50/7.00	3.25/3.50	6.50/6.75	13.00/13.25
4.5	#5 @ 8"	4.00/5.00	6.50/8.50	3.25/4.00	7.00/9.25	13.50/15.75
5.0	#5 @ 8"	4.50/5.00	7.00/8.50	3.25/4.00	7.25/9.25	13.75/15.75
5.5	#5 @ 8"	4.50/5.00	7.50/8.50	3.25/4.00	7.25/9.25	14.00/15.75
6.0	#5 @ 8"	4.50/5.00	7.50/8.50	3.25/4.00	7.75/9.25	14.75/16.75

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

1:18

ROADWAY STANDARD DRAWING FOR
PRECAST CONCRETE ENDWALL
FOR SINGLE 12" THRU 72" PIPE - 90° SKEW

SHEET 1 OF 1
838.80



GENERAL NOTES:
USE CLASS "B" CONCRETE THROUGHOUT.

PROVIDE ALL CATCH BASINS OVER 3'-6" IN DEPTH WITH STEPS 12" ON CENTER. USE STEPS WHICH COMPLY WITH STD. DRAWING 840.66.

OPTIONAL CONSTRUCTION - MONOLITHIC POUR, 2" KEYWAY, OR #4 BAR DOWELS AT 12" CENTERS AS DIRECTED BY THE ENGINEER.
USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.

IF REINFORCED CONCRETE PIPE IS SET IN BOTTOM SLAB OF BOX, ADD TO SLAB AS SHOWN ON STD. NO. 840.00.

USE TYPE "E", "F" AND "G" GRATES UNLESS OTHERWISE INDICATED.

FOR 8'-0" IN HEIGHT OR LESS USE 6" WALLS AND BOTTOM SLAB. OVER 8'-0" TO 16'-0" IN HEIGHT USE 8" WALLS AND BOTTOM SLAB. ADJUST QUANTITIES ACCORDINGLY.

CONSTRUCT WITH PIPE CROWNS MATCHING.

CHAMFER ALL EXPOSED CORNERS 1".

DRAWING NOT TO SCALE.

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

1:18

ROADWAY STANDARD DRAWING FOR
CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET 1 OF 2
840.02

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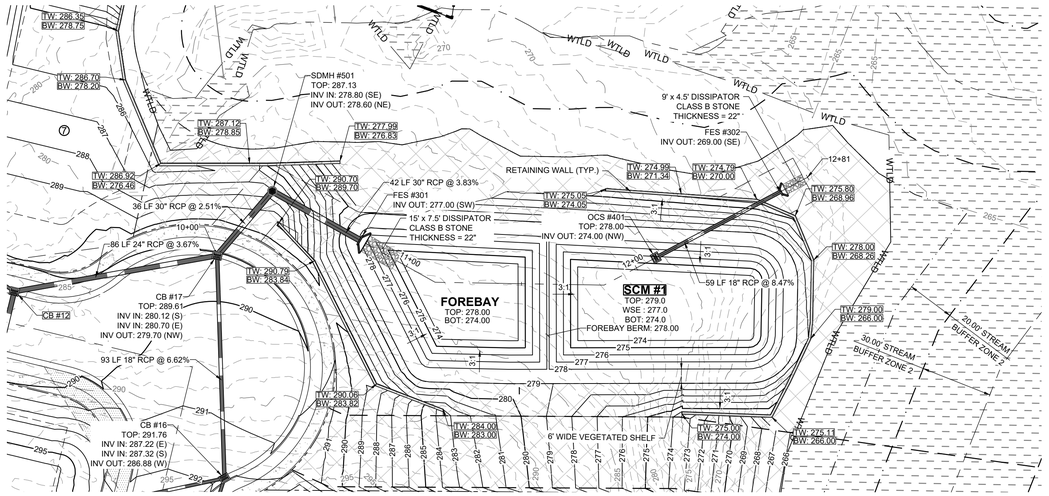
SEAL:
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORM DETAILS

DRAWING
SHEET
D-5.0

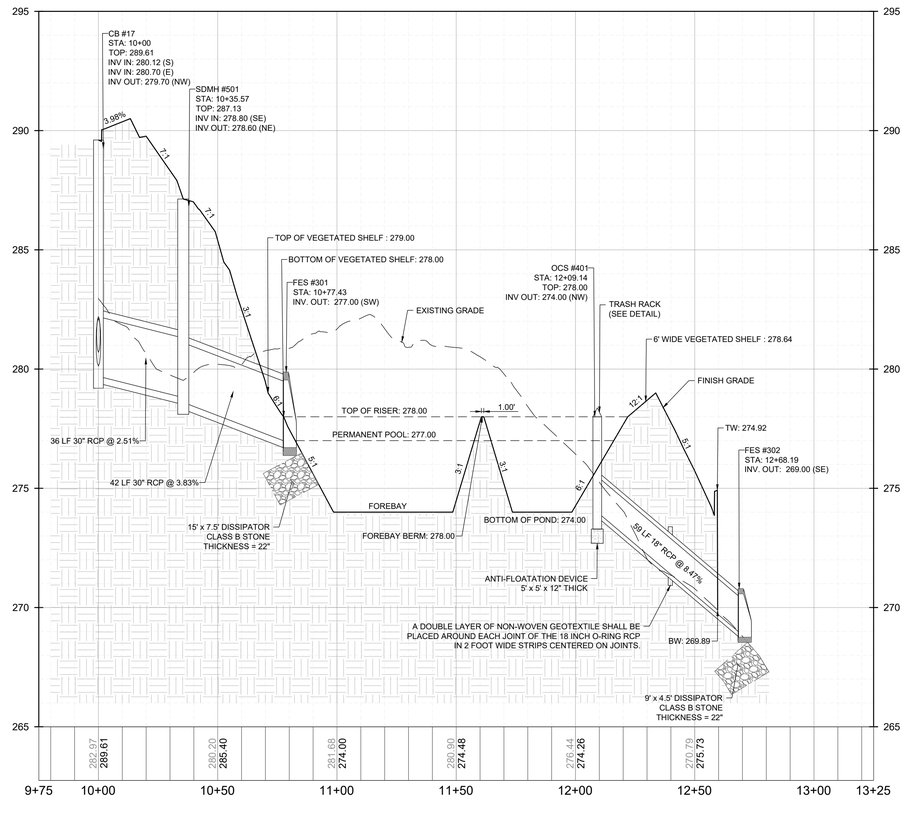


STORMWATER CONTROL MEASURE '1' - PLAN VIEW
HORIZONTAL: 1" = 30'

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.



STORMWATER CONTROL MEASURE '1' - PROFILE VIEW
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 3'

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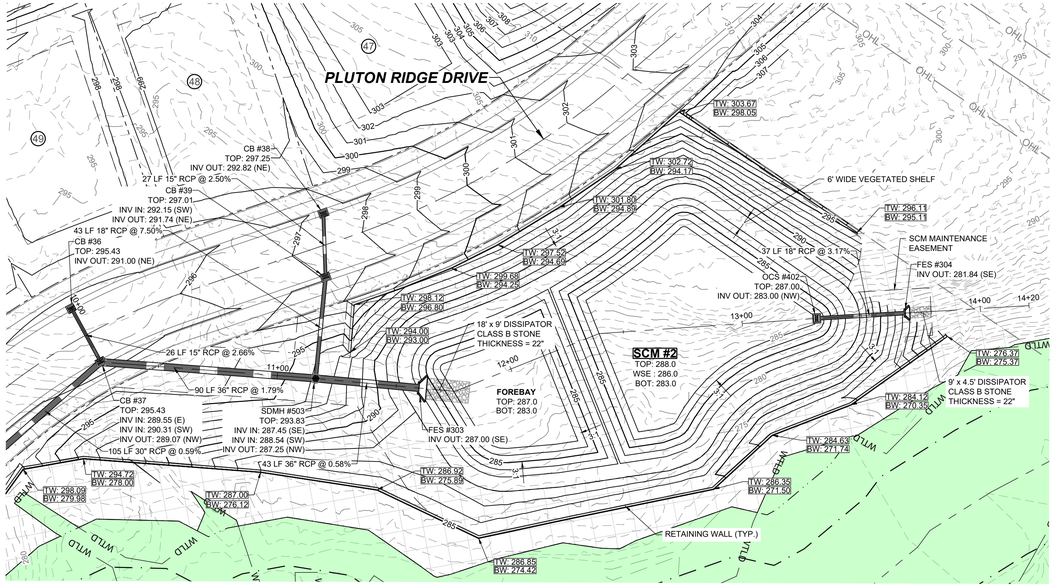
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SEAL 036225 ENGINEER
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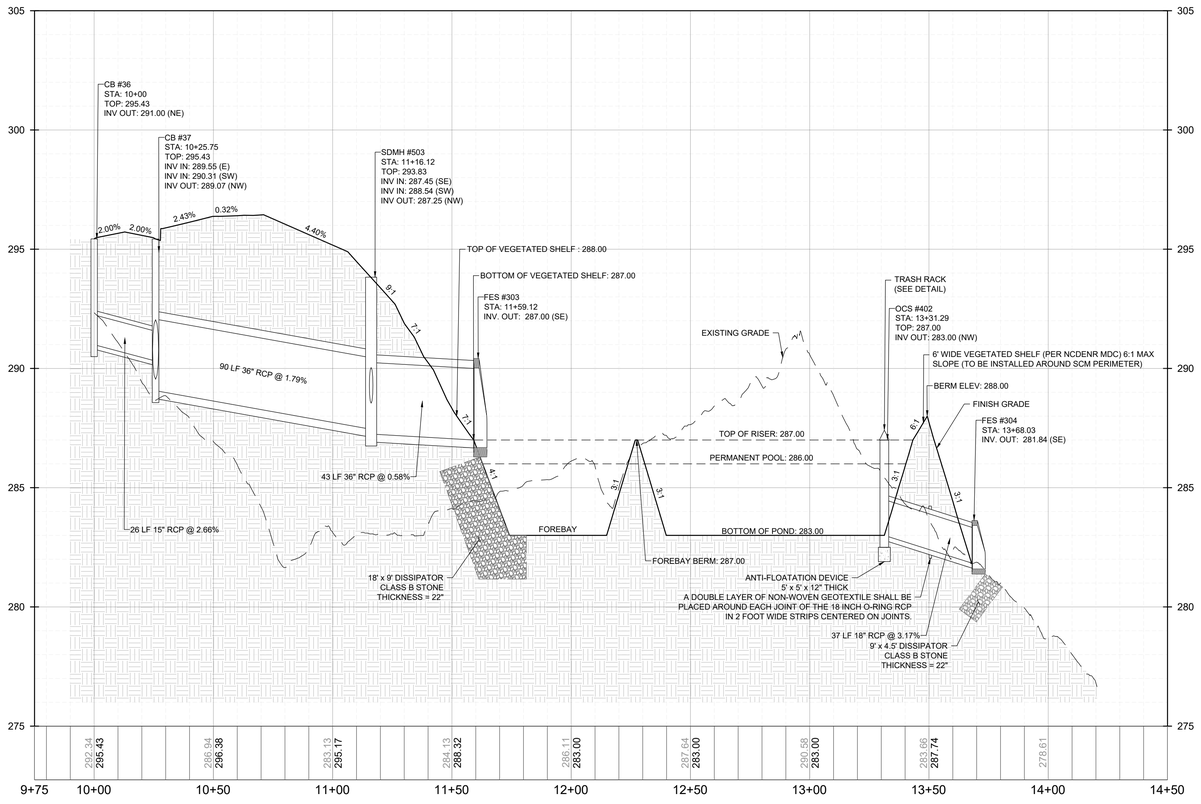
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORMWATER CONTROL MEASURE '1'

DRAWING SHEET
D-5.1



STORMWATER CONTROL MEASURE '2' - PLAN VIEW
HORIZONTAL: 1" = 30'



STORMWATER CONTROL MEASURE '2' - PROFILE VIEW
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 3'



GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

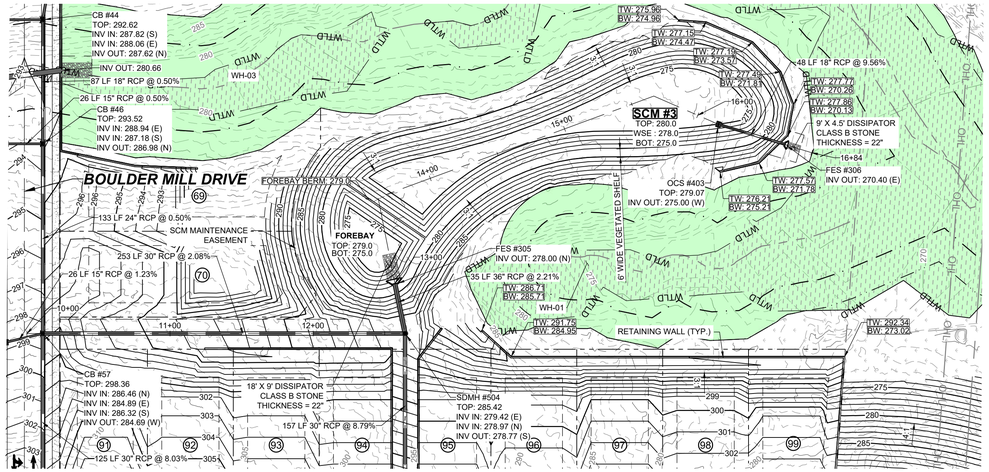
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	NOT FOR CONSTRUCTION		
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		DRAWN BY	SRG
		CHECKED BY	JWL

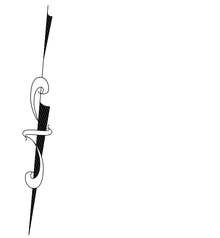
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORMWATER CONTROL MEASURE '2'

DRAWING / SHEET
D-5.2

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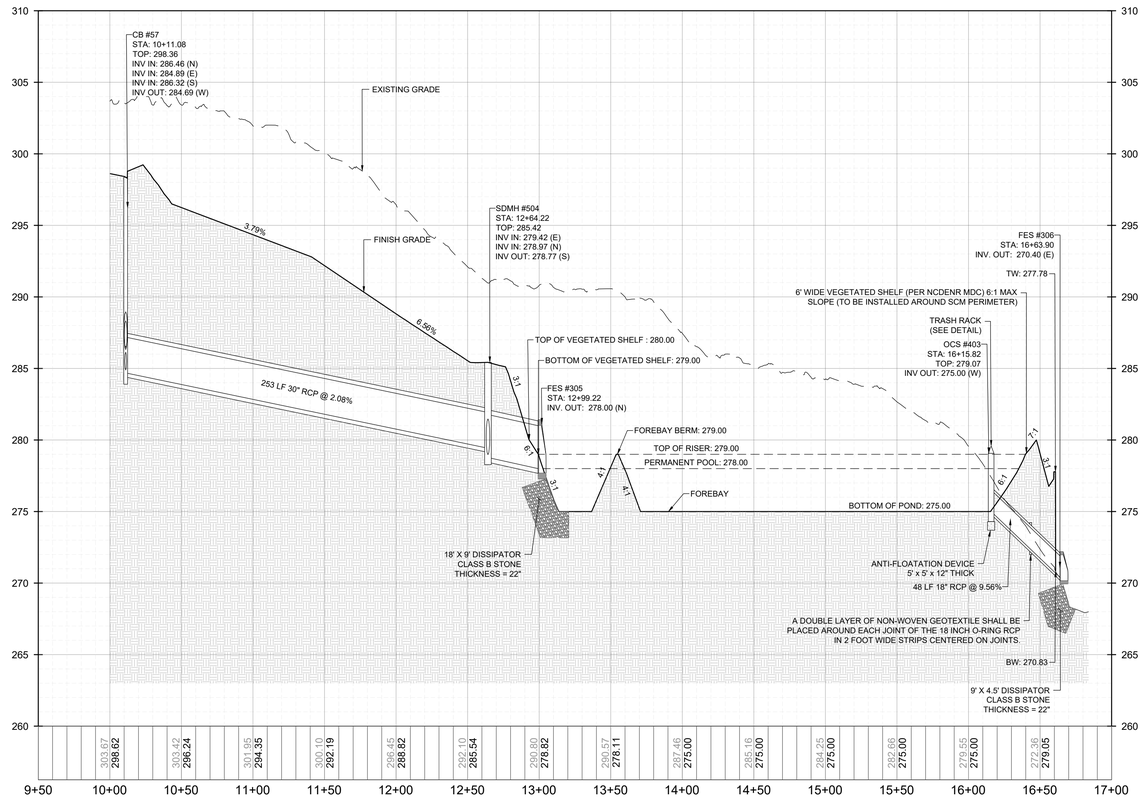
STORMWATER CONTROL MEASURE '3' - PLAN VIEW
HORIZONTAL: 1" = 50'



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



STORMWATER CONTROL MEASURE '3' - PROFILE VIEW
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

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No.	REVISIONS	DATE	BY
01.	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02.	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:

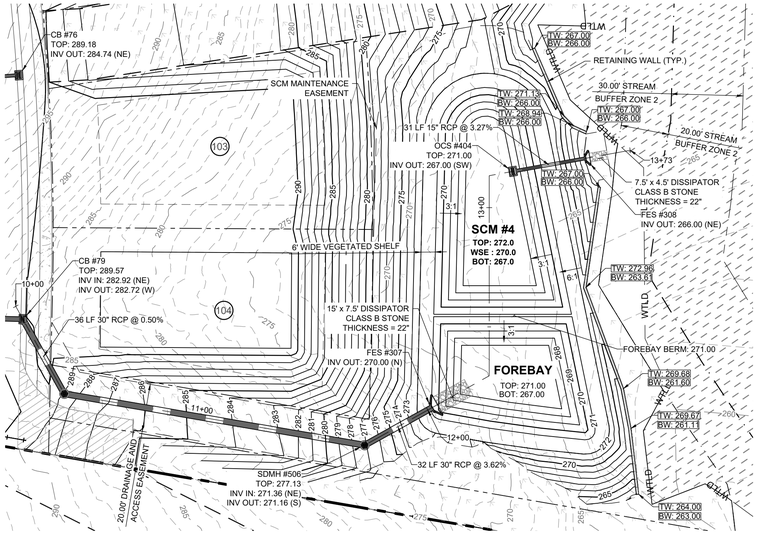


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STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

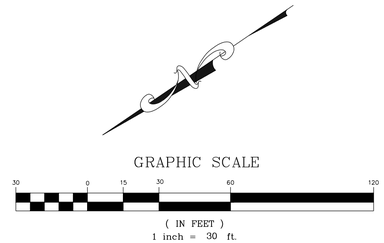
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

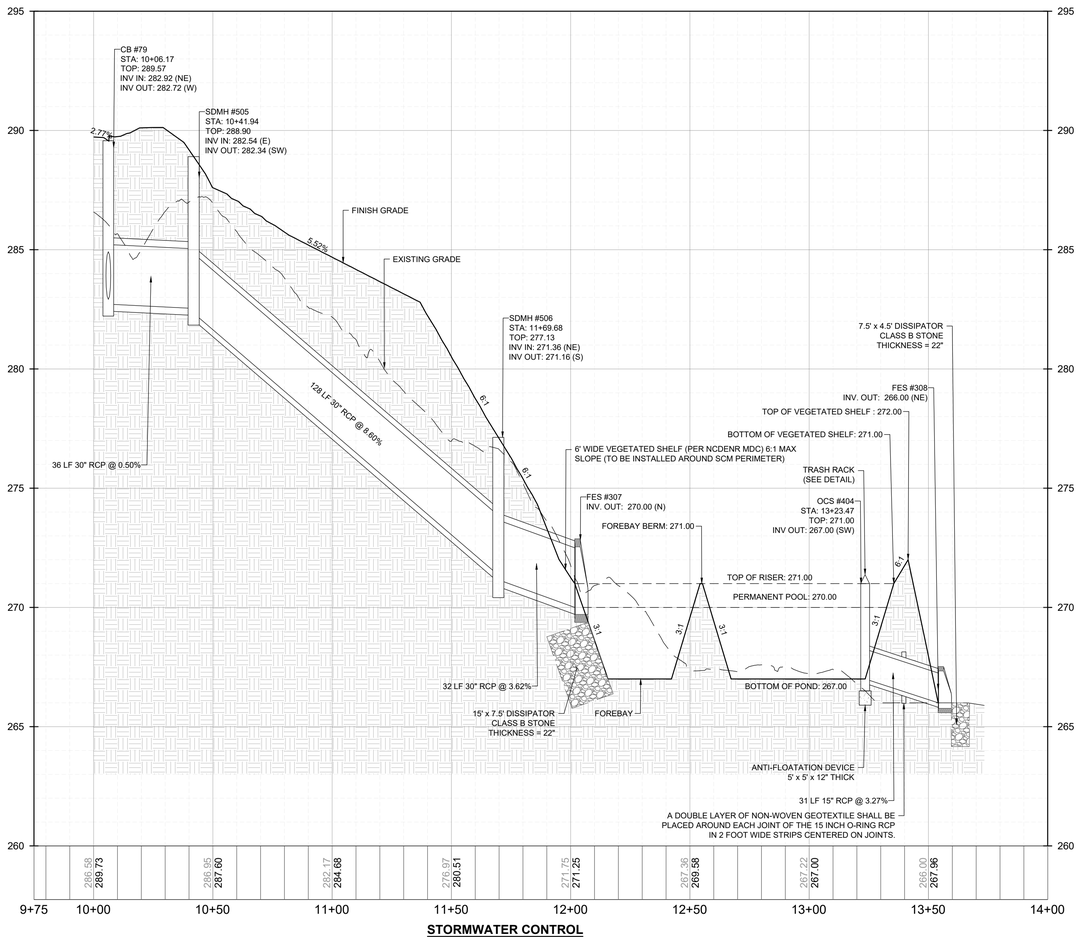
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORMWATER CONTROL MEASURE '3'

DRAWING SHEET
D-5.3



STORMWATER CONTROL MEASURE '4' - PLAN VIEW
HORIZONTAL: 1" = 30'





STORMWATER CONTROL MEASURE '4' - PROFILE VIEW
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 3'

No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE VC-CID-24-07

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

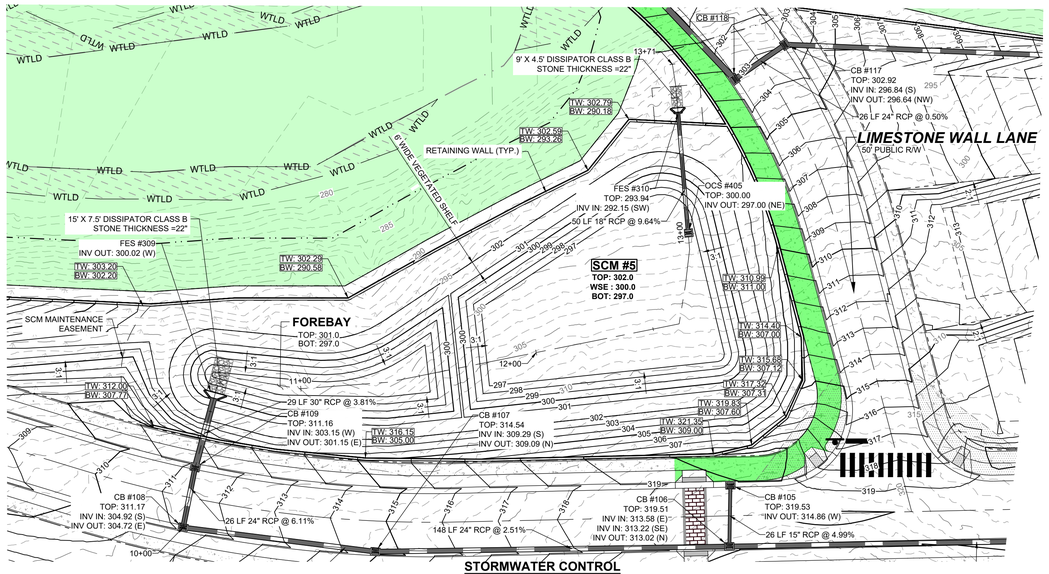
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SCALE	AS SHOWN	
DESIGNED BY	JWL	
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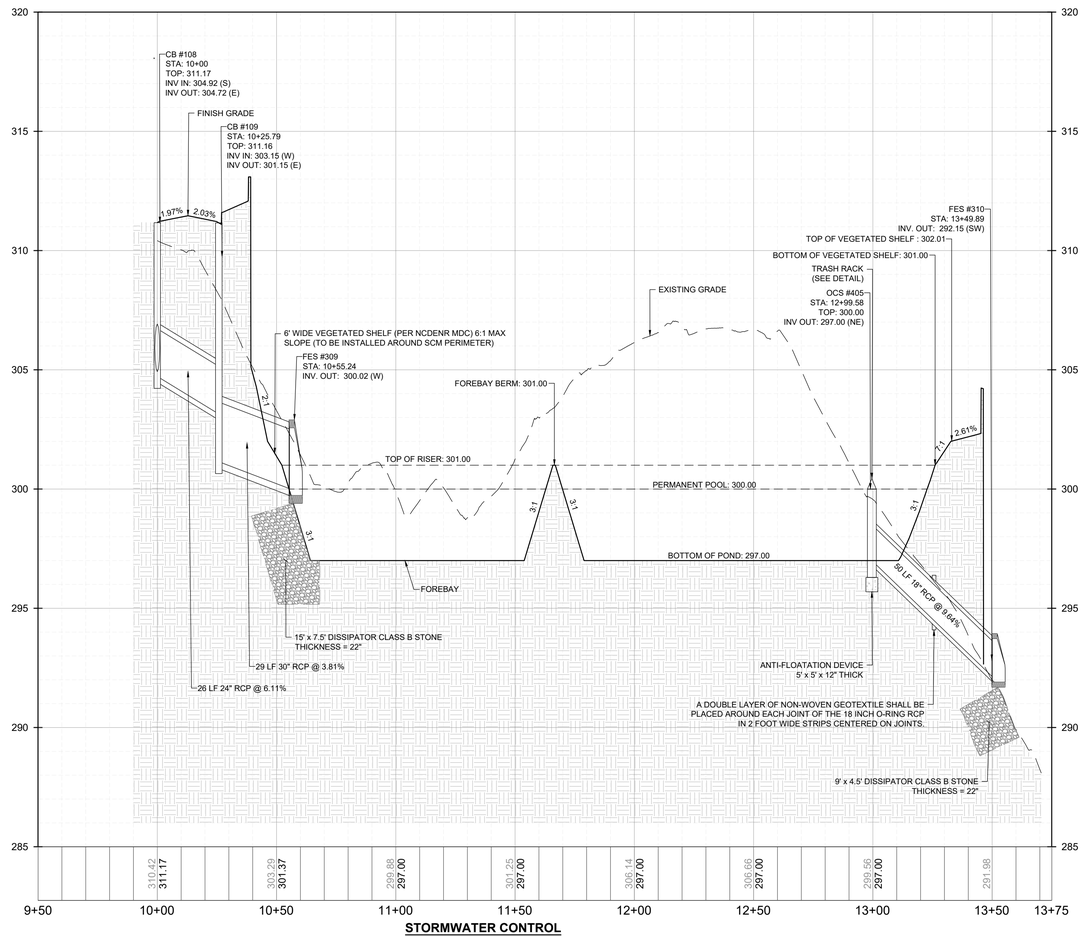
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORMWATER CONTROL MEASURE '4'

DRAWING SHEET
D-5.4

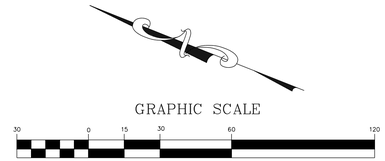
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STORMWATER CONTROL MEASURE '5' - PLAN VIEW
HORIZONTAL: 1" = 30'



STORMWATER CONTROL MEASURE '5' - PROFILE VIEW
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 3'



No.	DATE	BY
01	11/01/2024	SREG
02	02/03/2025	SREG

REVISIONS

TOWN OF ROLESVILLE CID-24-07
TOWN OF ROLESVILLE YP-CID-24-07

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

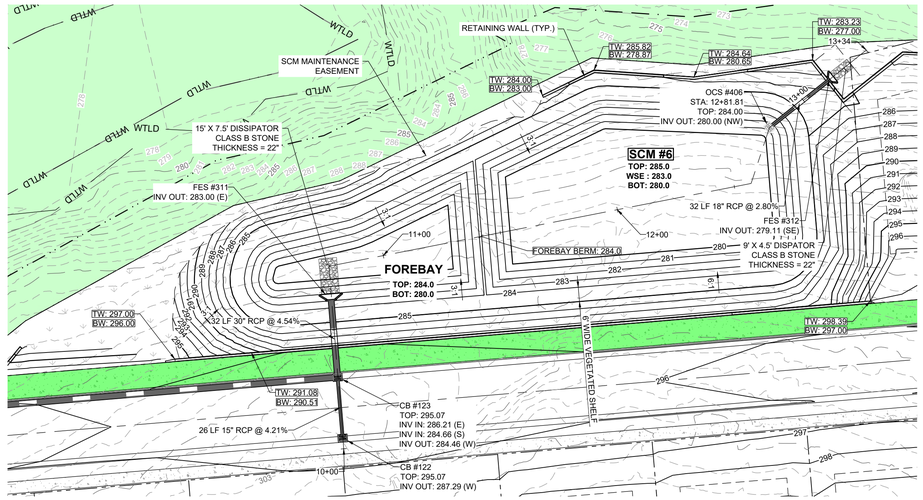
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NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

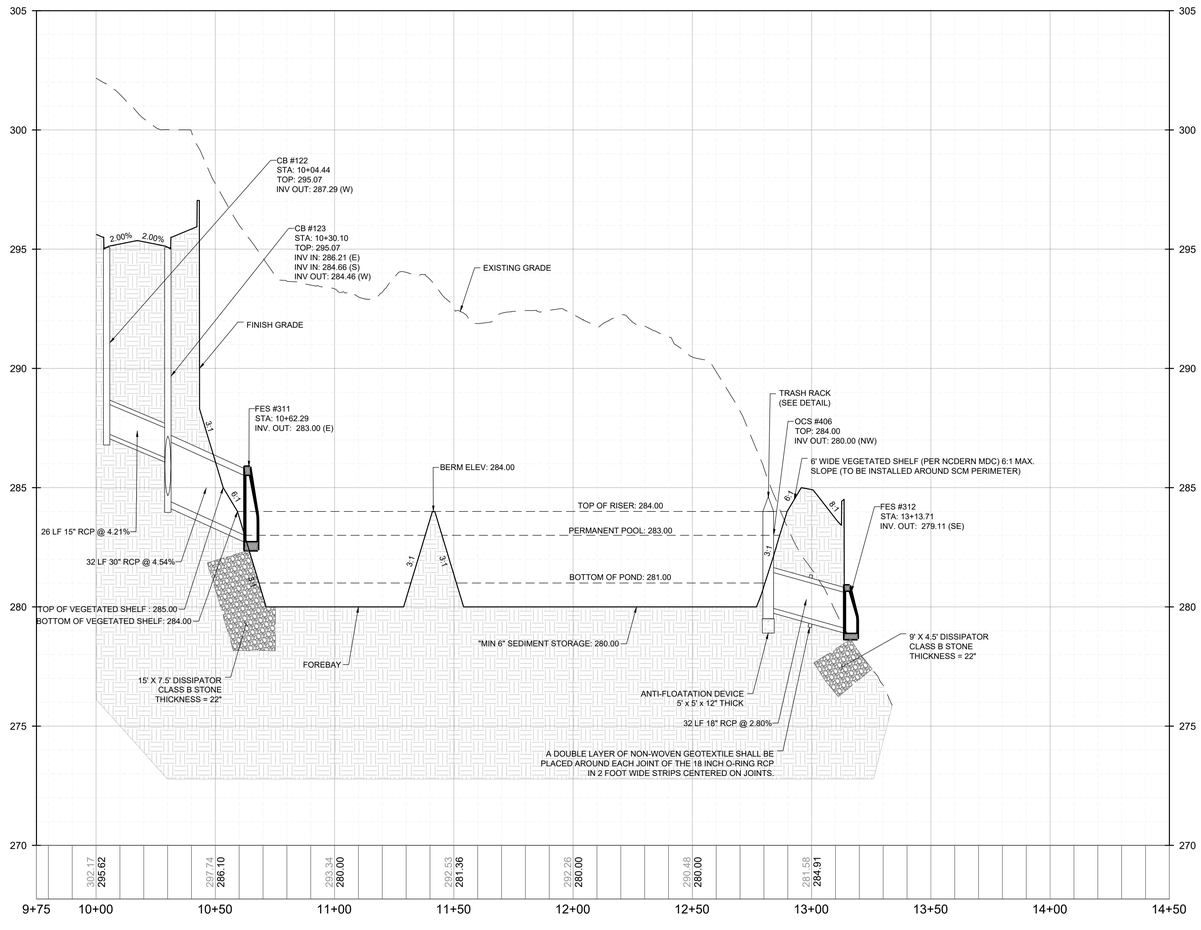
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORMWATER CONTROL MEASURE '5'

DRAWING SHEET
D-5.5

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STORMWATER CONTROL
MEASURE '6' (WET POND) - PLAN VIEW
HORIZONTAL: 1" = 30'



STORMWATER CONTROL
MEASURE '6' (WET POND) - PROFILE VIEW
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 3'

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

No.	DATE	BY	REVISIONS
01	11/01/2024	SREG	TOWN OF ROLESVILLE CID-24-07
02	02/03/2025	SREG	TOWN OF ROLESVILLE V2-CID-24-07

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

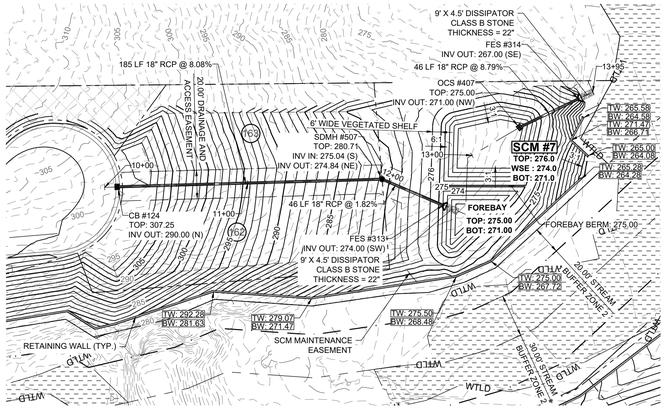
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORMWATER CONTROL MEASURE '6'

DRAWING SHEET
D-5.6

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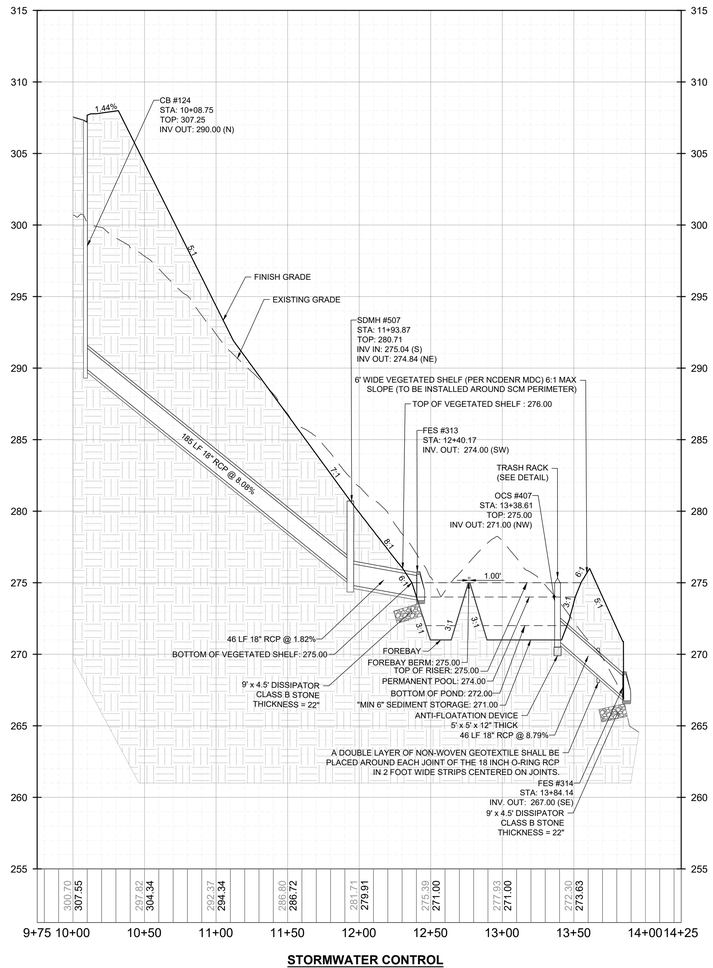


STORMWATER CONTROL MEASURE '7' - PLAN VIEW
HORIZONTAL: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



STORMWATER CONTROL MEASURE '7' - PROFILE VIEW
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

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No.	REVISIONS	DATE	BY
01.	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02.	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:

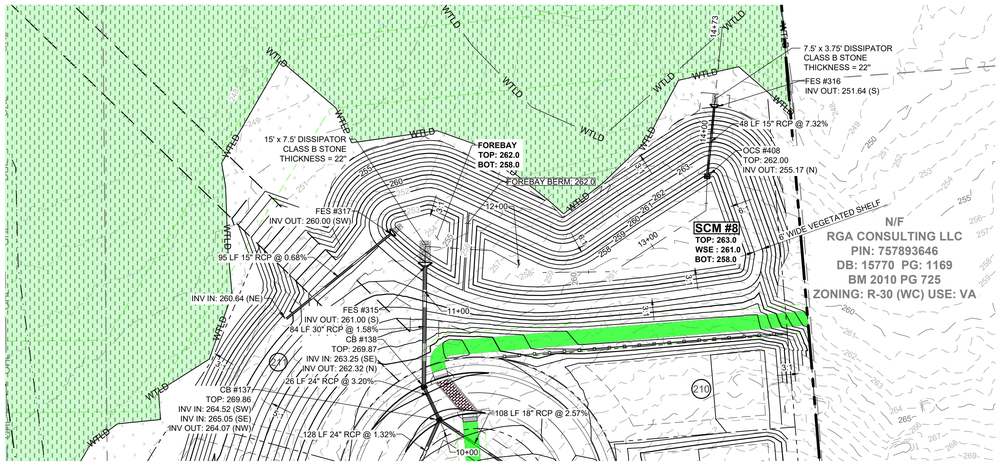


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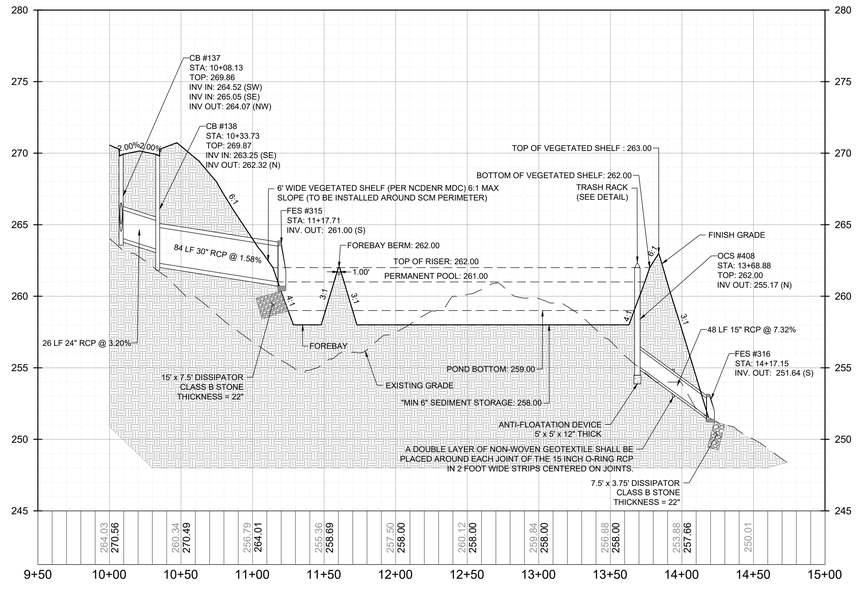
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORMWATER CONTROL MEASURE '7'

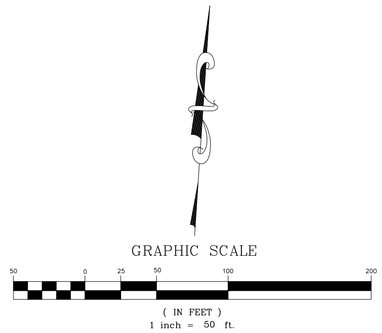
DRAWING SHEET
D-5.7



PROPOSED SCM #8 - PLAN
HORIZONTAL: 1" = 50'



PROPOSEDSCM #8 - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'



No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

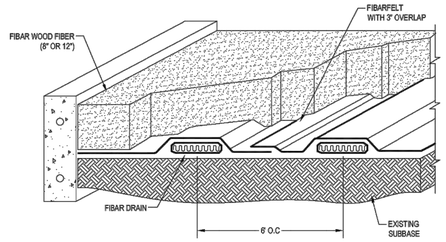
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
STORMWATER CONTROL MEASURE '8'

DRAWING / SHEET
D-5.8

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Costa Mesa

THE FIBAR GROUP LLC
80 BUSINESS PARK DRIVE, SUITE 300
ARMONK, NY 10504
TOLL FREE: 1-800-342-2721
PHONE: (914) 273-8770
FAX: (914) 273-8659
www.fibar.com



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5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 312-005

1 D-6.0 ENGINEERED WOOD FIBER PLAYGROUND SAFETY SURFACING
SYSTEM 300, N.T.S.

312-005 REVISION DATE 21/09/2024
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Product Description
Vibrant. Compact. Creative. The Costa Mesa play structure transforms your playground into an imaginative grotto for children to climb and explore. This delightful burrow features two climbers: a Number Climber, with a math-focused aesthetic, and a Sea Creature Climber, complete with nautical footholds. The playset also boasts a Bubble Panel to facilitate hands-on play, and two slides: a Right-Turn Slide, and a Wave Slide. Kids can access the Costa Mesa's platforms by way of the climbers, or take the Transfer Station stairs. Then, they'll zip down one of the colorful slides to find a Bench Panel which is perfect for relaxation, and a Store Panel that promotes dramatic, social, and imaginative play. The Costa Mesa is ideal for daycare centers and schools hoping to elevate their playground areas, with a space-saving design that can fit in snug corners. Watch as the children in your care traverse the structure with confidence, making memories for years to come.

Product Specifications
Price: $13,794.[00]
Model Number: PKP165
Age Range: 2-12 years
Child Capacity: 29-34
Fall Height: 48"
Post Diameter: 3.5-inch
Product Type: Spark
Safety Zone: 28' 3" x 28' 5"

✓ ADA Compliant

Elevated	6 components
Ground Level	2 components

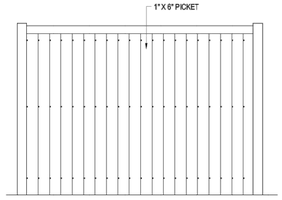




2 D-6.0

HUMBOLDT SAWMILL
3700 OLD REDWOOD HWY, SUITE 200
SANTA ROSA, CA 95403
www.getredwood.com

☑ SELECT DESIRED STYLE:
☐ DOG-EAR
☐ FLAT-TOP (SHOWN)
☑ SELECT DESIRED SIZE:
☐ 1" X 4"
☐ 1" X 6" (SHOWN)
☐ 1" X 8"
☐ 1" X 10"
☐ 1" X 12"
☑ SELECT DESIRED GRADE:
☐ CONSTRUCTION COMMON (PREMIUM)
☐ CONSTRUCTION HEART
☐ CLEAR RIDGE & VALLEY



FRONT VIEW

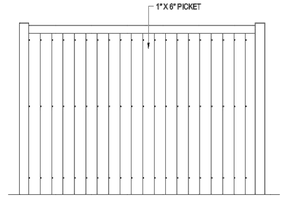
SPECIFICATIONS
FINISH CHARACTERISTICS: ROUGH
NOTES:
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3 D-6.0 REDWOOD FENCING
REDWOOD FENCING: 1" X 6" FENCE PICKET FLAT-TOP

5348-029 REVISION DATE 07/09/2021
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SANTA ROSA, CA 95403
www.getredwood.com

☑ SELECT DESIRED STYLE:
☐ DOG-EAR
☐ FLAT-TOP (SHOWN)
☑ SELECT DESIRED SIZE:
☐ 1" X 4"
☐ 1" X 6" (SHOWN)
☐ 1" X 8"
☐ 1" X 10"
☐ 1" X 12"
☑ SELECT DESIRED GRADE:
☐ CONSTRUCTION COMMON (PREMIUM)
☐ CONSTRUCTION HEART
☐ CLEAR RIDGE & VALLEY



FRONT VIEW

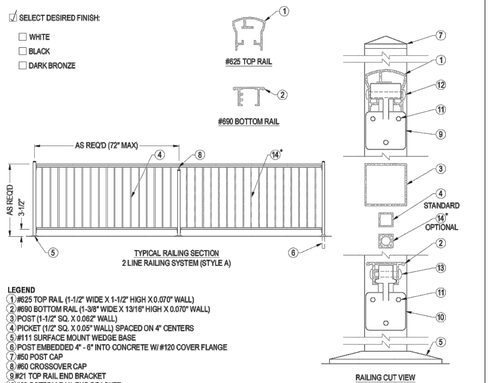
SPECIFICATIONS
FINISH CHARACTERISTICS: ROUGH
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4 D-6.0 REDWOOD FENCING
REDWOOD FENCING: 1" X 6" FENCE PICKET FLAT-TOP

5348-029 REVISION DATE 07/09/2021
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RUSSIA, OH 45363
TOLL FREE: 1-800-548-8656
PHONE: (937) 526-4065
www.superioraluminum.com

☑ SELECT DESIRED FINISH:
☐ WHITE
☐ BLACK
☐ DARK BRONZE



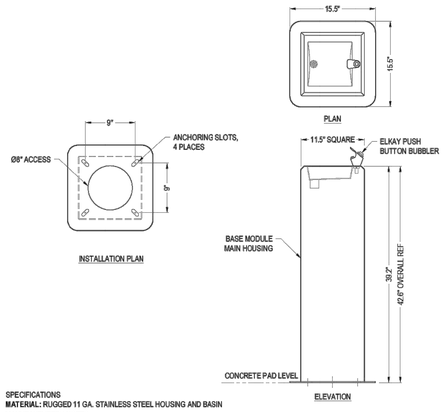
LEGEND
1. #625 TOP RAIL (1-1/2" WIDE X 1-1/2" HIGH X 0.070" WALL)
2. #690 BOTTOM RAIL (1-3/8" WIDE X 13/16" HIGH X 0.070" WALL)
3. POST (1-1/2" SQ. X 0.062" WALL)
4. PICKET (1/2" SQ. X 0.05" WALL) SPACED ON 4" CENTERS
5. #111 SURFACE MOUNT WEDGIE BASE
6. POST EMBEDDED 4" - 6" INTO CONCRETE W/ #120 COVER FLANGE
7. #50 POST CAP
8. #60 CROSSOVER CAP
9. #21 TOP RAIL END BRACKET
10. #22 BOTTOM RAIL END BRACKET
11. #462 POST BRACKET RIVET (1/8")
12. #612 TOP RAIL BRACKET BINDER BOLT (13/64")
13. #613 BOTTOM RAIL BRACKET BINDER BOLT (13/64")
14. TWISTED PICKET (1/2" SQ. X 0.094" WALL) SPACED ON 4" CENTERS

NOTES:
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5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5311-010

5 D-6.0 ECONOMY PICKET RAILING
SERIES 6E: 2 LINE RAILING SYSTEM (STYLE A)

5311-010 REVISION DATE 26/07/2022
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PO BOX 20027 NORTHVILLE
PARIS, ON N3L 4A5
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www.knillcustomfab.com

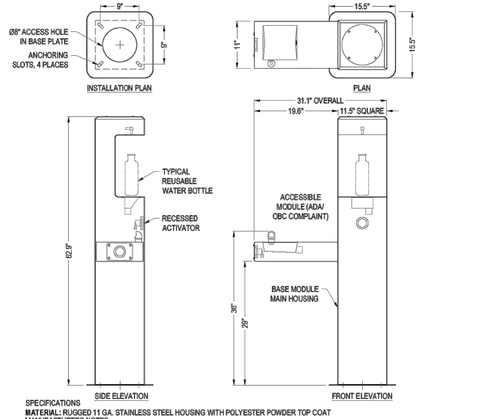


SPECIFICATIONS
MATERIAL: RUGGED 11 GA. STAINLESS STEEL HOUSING AND BASIN
MANUFACTURERS NOTES:
1. KNILL FABRICATION LTD. MAINTAINS A POLICY OF CONTINUOUS PRODUCT IMPROVEMENT. AS A RESULT, SOME DETAILS MAY CHANGE WITHOUT NOTICE.
NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5436-073.

6 D-6.0 DRINKING FOUNTAINS AND BOTTLE FILLING STATIONS
(350000) DRINKING FOUNTAIN, SINGLE BASIN

5436-073 REVISION DATE 15/08/2022
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KNILL SITE FURNISHINGS
PO BOX 20027 NORTHVILLE
PARIS, ON N3L 4A5
PHONE: (519) 442-2424
www.knillcustomfab.com



SPECIFICATIONS
MATERIAL: RUGGED 11 GA. STAINLESS STEEL HOUSING WITH POLYESTER POWDER TOP COAT
MANUFACTURERS NOTES:
1. KNILL FABRICATION LTD. MAINTAINS A POLICY OF CONTINUOUS PRODUCT IMPROVEMENT. AS A RESULT, SOME DETAILS MAY CHANGE WITHOUT NOTICE.
NOTES:
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5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5436-077.

7 D-6.0 DRINKING FOUNTAINS AND BOTTLE FILLING STATIONS
(350040) "THE ATHABASCA" - BOTTLE FILLING STATION, WITH ACCESSIBLE DRINKING MODULE

5436-077 REVISION DATE 15/08/2022
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leisure craft INC.
P.O. Box 1700 • Hendersonville, NC 28793 • Tel: (800) 633-8241 • (828) 693-8241
Fax: (828) 693-8777 • www.leisurecraftinc.com • sales@leisurecraftinc.com

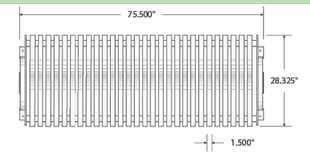
SPEC SHEET: HP6NB

6' HIGH POINT BENCH WITH BACK *portable/surface-mount* **Wt. 245 lbs**

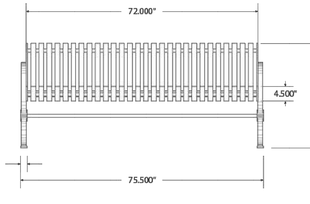
photo



top view



front view



8 D-6.0

THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE V2-CID-24-07	02/03/2025	SREG

SEAL: NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM
STRONG ROCK ENGINEERING GROUP
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609

STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
AMENITY DETAILS

DRAWING SHEET
D-6.0

leisure craft INC.
P.O. Box 1700 • Hendersonville, NC 28793 • Tel: (800) 633-8241 • (828) 693-8241
Fax: (828) 693-8777 • www.leisurecraftinc.com • sales@leisurecraftinc.com

SPEC SHEET: B6WBIG

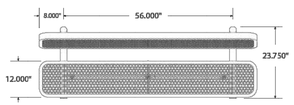
6′ STANDARD EXPANDED BENCH W BACK *IN-GROUND*

Wt. 150 lbs

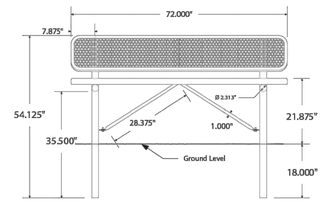
photo



top view



front



9
D-6.1

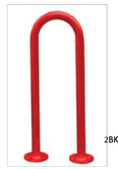
leisure craft INC.
P.O. Box 1700 • Hendersonville, NC 28793 • Tel: (800) 633-8241 • (828) 693-8241
Fax: (828) 693-8777 • www.leisurecraftinc.com • sales@leisurecraftinc.com

SPEC SHEET: 2BK3P-IG

14 ¾″ THERMOPLASTIC WAVE RACK 2 ⅜″ DIA *in-ground*

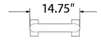
Wt. 87 lbs

photo

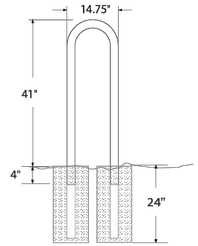


2BK3P-SM FOR SHOW ONLY

top view



front view



10
D-6.1

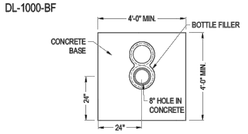
COOL DOG WATER FOUNDAINS
PHONE: (800) 931-1562
www.cooldogwaterfountains.com

DL-1000-BF

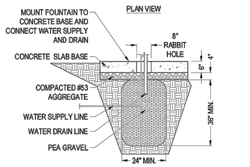
☑ SELECT DESIRED COLOR:
- ☐ GREEN
- ☐ BLUE
- ☐ RED
- ☐ YELLOW
- ☐ SILVER GREY



ISOMETRIC



PLAN VIEW



SECTION

SPECIFICATIONS:
MATERIALS: STAINLESS STEEL
FINISH: POWDER COATED

MANUFACTURER NOTES:
1. FULL ADA ACCESSIBILITY WILL REQUIRE ADDITIONAL ADA SURFACING TO ALLOW ACCESS TO THE DRINKING FOUNTAIN PUSH BUTTON AND THE PET FOUNTAIN PUSH BUTTON
2. SLOPE SURFACE AWAY FROM FOUNTAIN BASE AT 2% SLOPE
3. WATER SUPPLY LINE AND DEPTH AND DRAIN PIPE SHALL BE ACCORDING TO LOCAL REGULATING CODES AND SHALL BE ACCORDING TO FOUNTAIN MODEL SPECIFICATIONS
4. DRY WELL SIZE SHOULD BE ADJUSTED ACCORDING TO LOCAL REGULATING CODES OR RECOMMENDATIONS, AND/OR MAY REQUIRE MODIFICATION TO ENSURE ADEQUATE INFILTRATION RATE BASED ON LOCAL SOIL AND ENVIRONMENTAL CONDITIONS.

NOTES:
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5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5017-242.

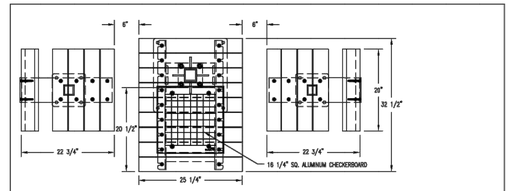
11
D-6.1

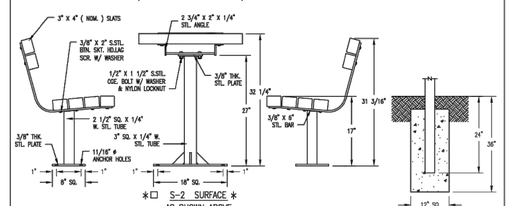
COOL DOG WATER FOUNTAINS

DL-1000-BF: BOTTLE FILLER WITH SINGLE DOG BASIN

5017-242 REVISION DATE 06/19/2024

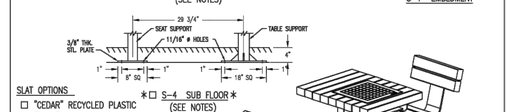
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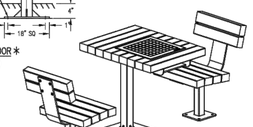
*☐ S-2 SURFACE *
AS SHOWN ABOVE
(SEE NOTES)

S-1 EMBEDMENT



*☐ S-4 SUB FLOOR *
(SEE NOTES)

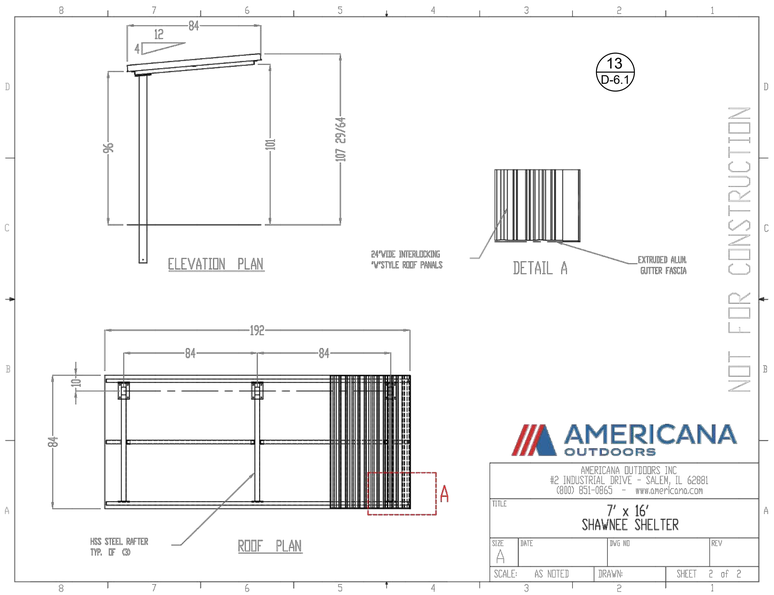
SLAT OPTIONS
- ☐ "CEDAR" RECYCLED PLASTIC
- ☐ "GREY" RECYCLED PLASTIC
- ☐ "REDWOOD" RECYCLED PLASTIC
- ☐ "WALNUT" RECYCLED PLASTIC
- ☐ OTHER _____



NOTES
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTIONS S-2 AND S-4.
* UPCHARGE APPLIES TO SUPPORT OPTION—CONSULT LOCAL REPRESENTATIVE.

12
D-6.1

DuMor, inc.	GAME TABLE	DATE DRAWN : 10/09/19 DRAWN BY : ESS DATE REV. : REV. BY :	REV. A	DRAWING NUMBER 78–32ADAPL	SHEET 1 OF 2



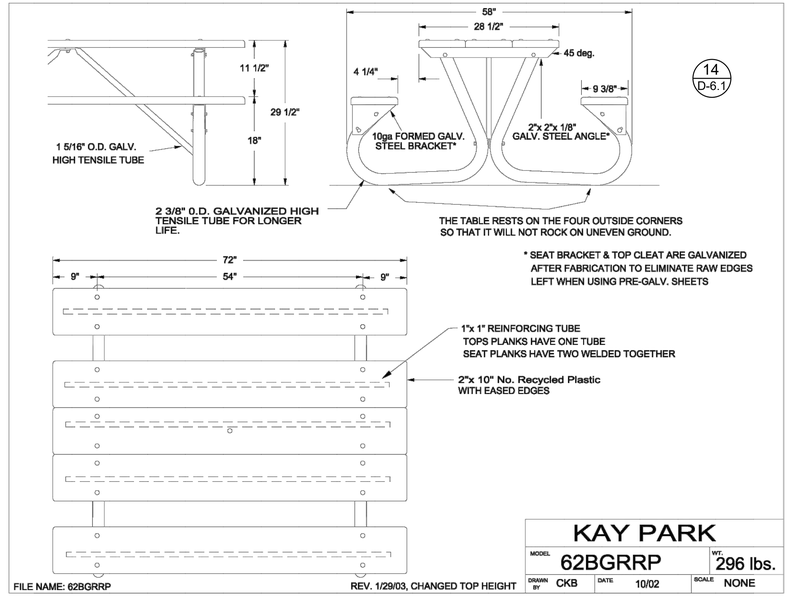
AMERICANA OUTDOORS

AMERICANA OUTDOORS INC.
#2 INDUSTRIAL DRIVE - SALEM, IL 62881
(800) 851-0863 - www.americana.com

TITLE: 7′ x 16′ SHAWNEE SHELTER

SIZE	DATE	DWG NO	REV
A			

SCALE: AS NOTED | DRAWN: | SHEET 2 of 2



14
D-6.1

* SEAT BRACKET & TOP CLEAT ARE GALVANIZED AFTER FABRICATION TO ELIMINATE RAW EDGES LEFT WHEN USING PRE-GALV. SHEETS

KAY PARK

MODEL	WT.
62BGRRP	296 lbs.

DRAWN BY	DATE	SCALE
CKB	10/02	NONE

FILE NAME: 62BGRRP REV. 1/29/03, CHANGED TOP HEIGHT

No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE VC-CID-24-07	02/03/2025	SREG

SEAL: NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS

AMENITY DETAILS

DRAWING SHEET

D-6.1

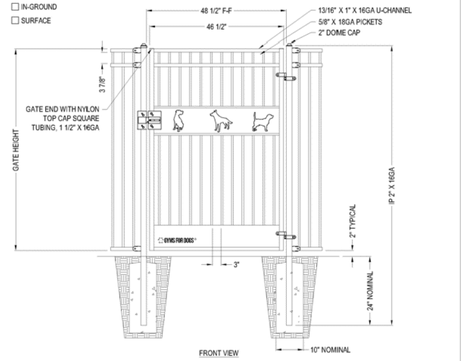
128 OF 129

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GYMS FOR DOGS
Natural Dog Park Products

GYMS FOR DOGS
PHONE: (800) 931-1562
www.GymsForDogs.com

☑ SELECT DESIRED MOUNT:
☐ IN-GROUND
☐ SURFACE



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
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5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5017-200

15 / D-6.2 **DOG PARK FENCING**

GYMS FOR DOGS - DOGGIE DVR SERIES FENCE - DECORATIVE VERTICAL RAIL / ARCHITECTURAL STYLE DOG PARK FENCE - DOGGIE ENTRANCE GATE WITH SELF-CLOSE HINGE AND LATCH

5017-200 REVISION DATE 06/18/2024

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GYMS FOR DOGS
Natural Dog Park Products

GYMS FOR DOGS
PHONE: (800) 931-1562
www.GymsForDogs.com

☑ SELECT DESIRED COLOR:
☐ GRASS GREEN
☐ BLACK
☐ NUTMEG

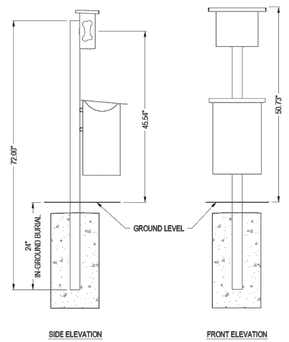
☑ SELECT DESIRED MOUNT:
☐ IN-GROUND (SHOWN)
☐ SURFACE MOUNT
☐ FREESTANDING

MODEL:
THE PET WASTE STATION.COM
DL-PWS100-IG
STANDARD FEATURES:
- MADE IN U.S.A
- ALUMINUM ALL-WEATHER MATERIAL
- ADA COMPATIBLE
- HEAVY-DUTY ONE PIECE MOUNTING POST
- CAN BE CUSTOMIZED WITH YOUR BRAND OR SPECIAL LOGO
- PROPRIETARY FLAT SURFACE FOR STORAGE: LEASH, KEYS, CELL PHONES
- 600 BAG CAPACITY MEANS LESS REFILL TIME

PRODUCT DIMENSIONS:
DIMENSIONS: 72" H X 18" W X 69" L
RECOMMENDED SPECIFICATIONS:
ITEM:
- DL-PWS100-IG

COMPONENTS:
- DL-PWSBAG (BOX)
- DL-PWSIGP (POST - IG)
- DL-PWS100G (WASTE CAN)

MATERIALS:
- POWDER COATED ALUMINUM BAG DISPENSER BOX
- POWDER COATED ALUMINUM POST DESIGNED FOR BURIAL
- POWDER COATED ALUMINUM WASTE CAN



NOTES:
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5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5017-066.

16 / D-6.2 **PET WASTE STATIONS**

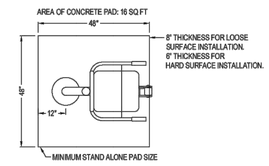
GYMS FOR DOGS - THE PET WASTE STATION ALUMINUM - DL-PWS100-IG: EXCLUSIVE SIGNATURE DECORATIVE PET WASTE STATION, IN-GROUND POST (IG)

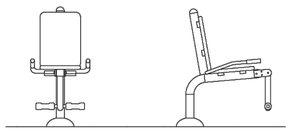
5017-066 REVISION DATE 07/15/2024

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Greenfields Outdoor Fitness.
Promoting Wellness & Fighting Obesity One Community at a Time.™

GREENFIELDS OUTDOOR FITNESS
2617 W. WOODLAND DR.
ANAHEIM, CA 92801
PHONE: (888) 315-9037
EMAIL: info@greenfieldsfitness.com
www.greenfieldsfitness.com





NOTES:
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5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 4913-026.

17 / D-6.2 **LEGACY SERIES & SIGNATURE ACCESSIBLE**

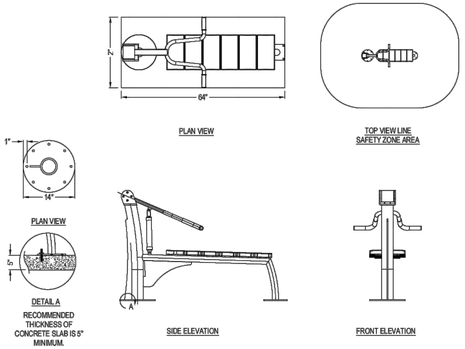
LEGACY SERIES: MODEL (SGR098) LEG EXTENSION

4913-026 REVISION DATE 19/05/2022

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2617 W. WOODLAND DR.
ANAHEIM, CA 92801
PHONE: (888) 315-9037
EMAIL: info@greenfieldsfitness.com
www.greenfieldsfitness.com



NOTES:
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5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 4913-048.

18 / D-6.2 **PROFESSIONAL SERIES**

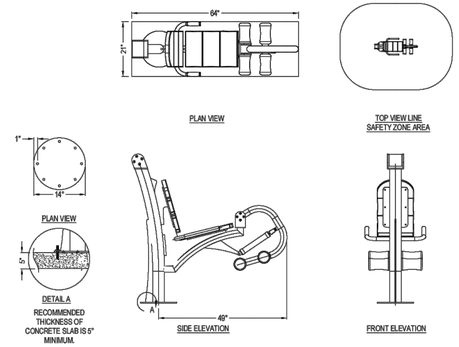
MODEL (UBX263) BENCH PRESS (ADJUSTABLE RESISTANCE)

4913-048 REVISION DATE 17/05/2022

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ANAHEIM, CA 92801
PHONE: (888) 315-9037
EMAIL: info@greenfieldsfitness.com
www.greenfieldsfitness.com



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2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 4913-049.

19 / D-6.2 **PROFESSIONAL SERIES**

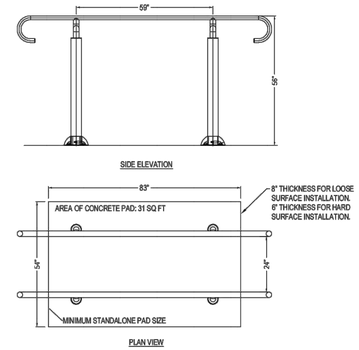
MODEL (UBX298) LEG EXTENSION & CURL (ADJUSTABLE RESISTANCE)

4913-049 REVISION DATE 19/05/2022

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NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 4913-071.

20 / D-6.2 **FUNCTIONAL FITNESS**

MODEL (SGR043) PARALLEL BARS

4913-071 REVISION DATE 17/05/2022

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No.	REVISIONS	DATE	BY
01	TOWN OF ROLESVILLE CID-24-07	11/01/2024	SREG
02	TOWN OF ROLESVILLE 1ST CID-24-07	02/03/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. L. AMBERT

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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
AMENITY DETAILS

DRAWING SHEET
D-6.2

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