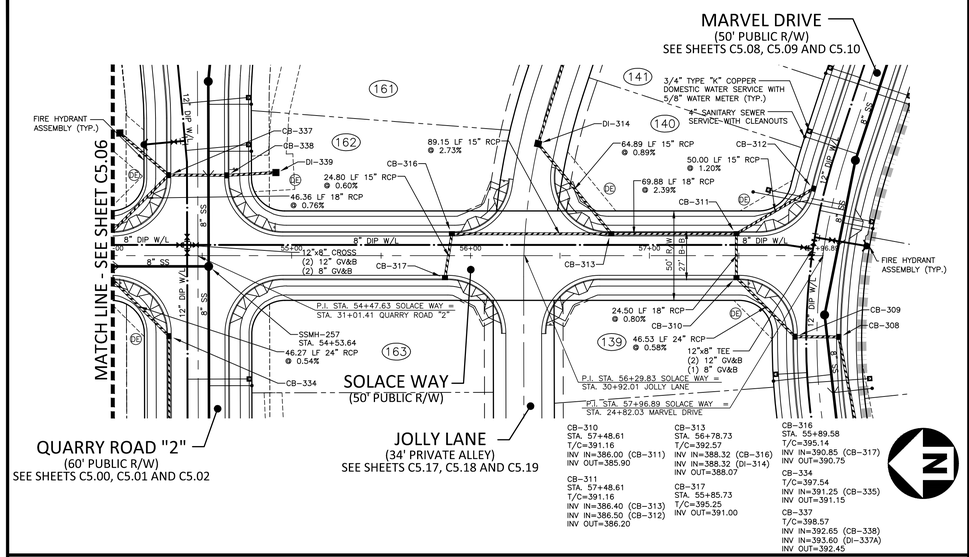
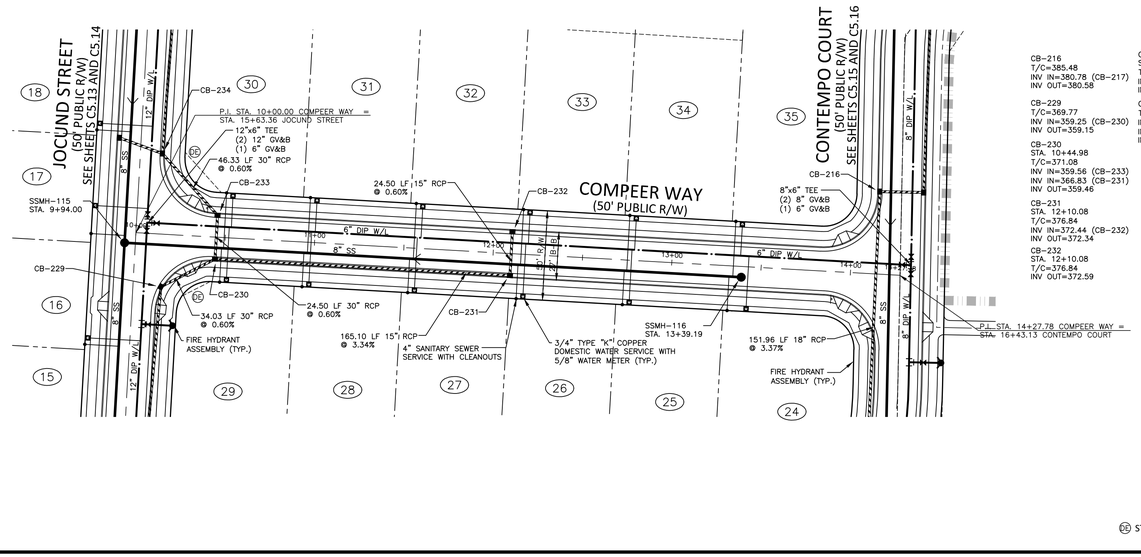
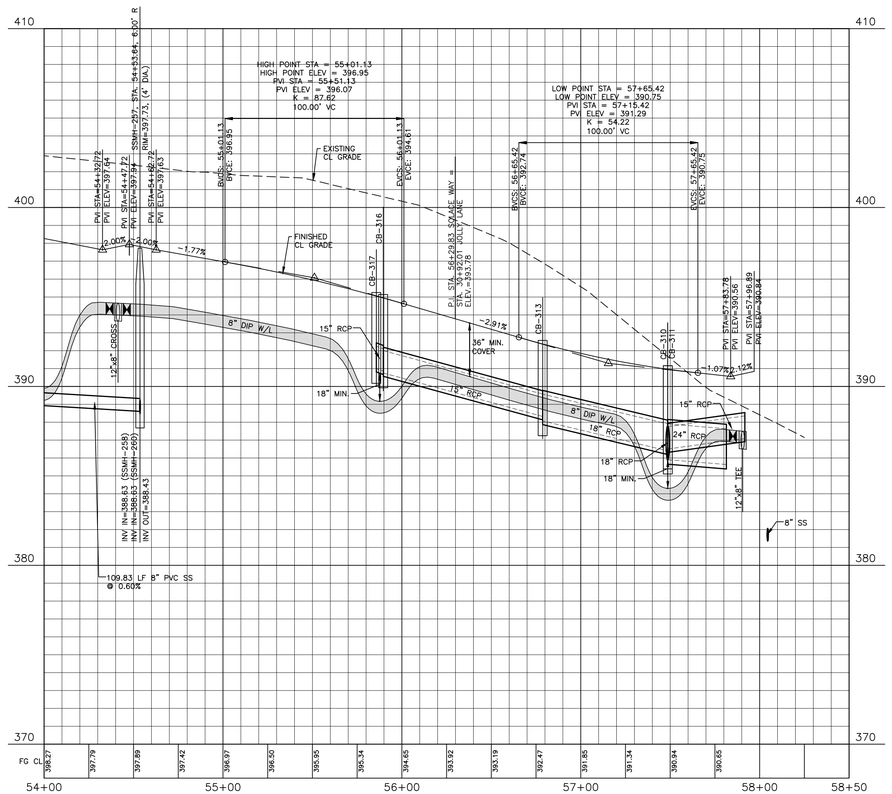




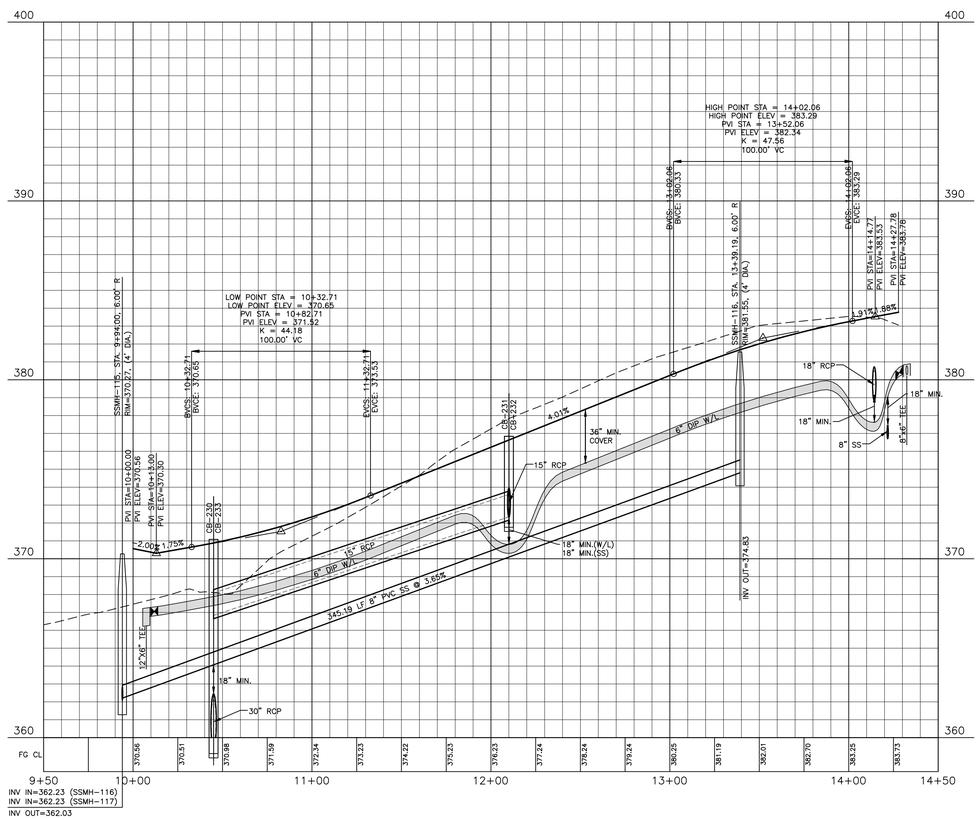
(DE) STORM DRAINAGE EASEMENT

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

SOLACE WAY



COMPEER WAY



CITY OF RALEIGH – PLANS AUTHORIZED FOR CONSTRUCTION

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City of Raleigh Development Approval — Timothy Beasley — City of Raleigh Review Officer

SITE PERMITTING APPROVAL

Water and Sewer Permits (if applicable)

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City of Raleigh Public Utilities Department Permit # _____

FINAL DRAWING - RELEASED FOR CONSTRUCTION

McADAMS

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Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

CLIENT
ASHTON RALEIGH RESIDENTIAL, LLC.
5711 SIX FORKS ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
PHONE: 919. 232. 3695
CONTACT: BOB MISHLER
ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL
Todd O'Daniel
Apr 19 2022 1:05 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
SOLACE WAY, STA. 54+00 THRU STA. 58+00
COMPEER WAY, STA. 10+00 THRU STA. 14+50

C5.07

M:\Projects\AWH\AWH-20000\04-Production\Engineering\Construction Drawings\Current Drawings\AWH20000-CD-Pkg-01-P1.dwg, 4/19/2022 11:27:55 AM, Williams, 1:1

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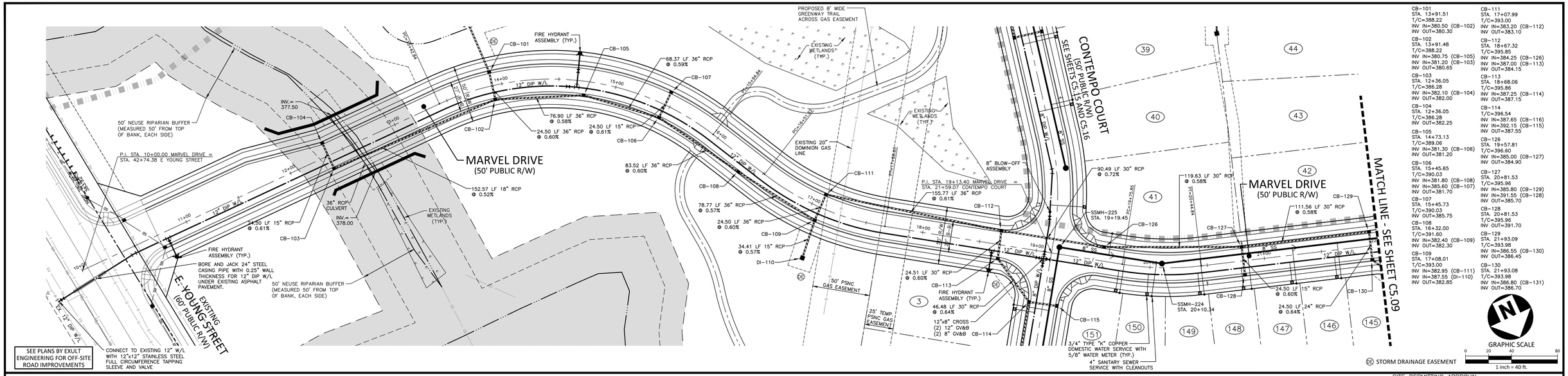

MARVEL DRIVE

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City of Raleigh Development Approval Timothy Beasley — City of Raleigh Review Officer

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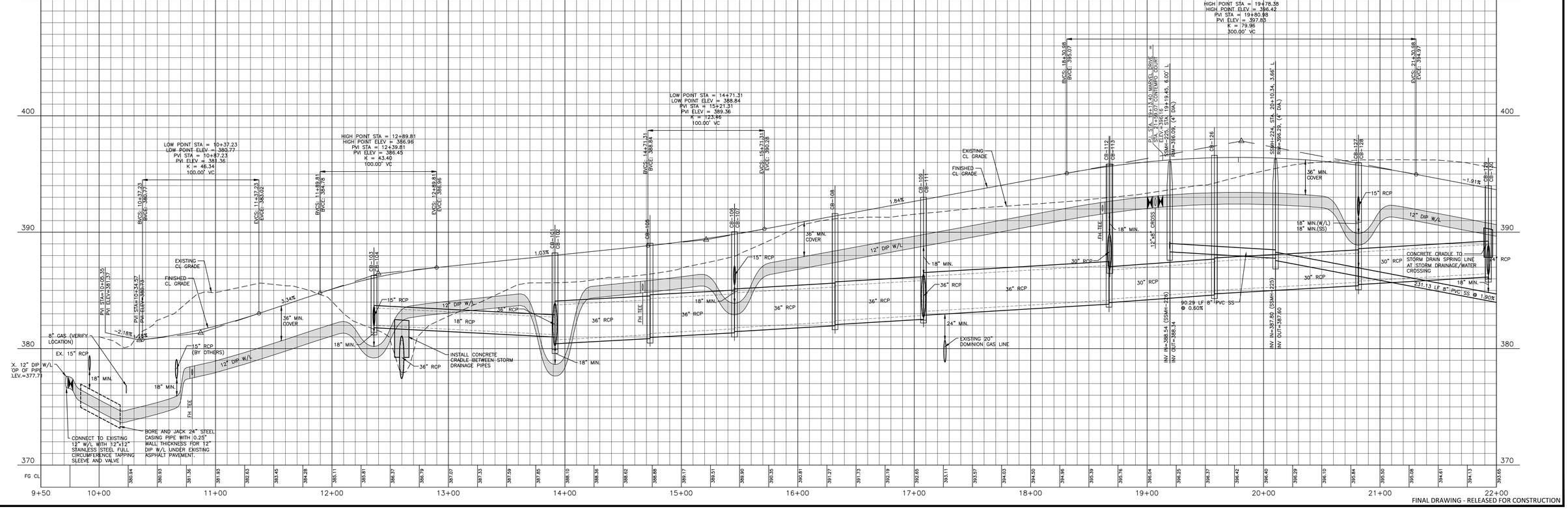
City of Raleigh Public Utilities Department Permit # _____



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REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL
Todd O'Daniel
Apr 19 2022 1:05 PM

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
MARVEL DRIVE, STA. 10+00 THRU STA. 22+00

C5.08

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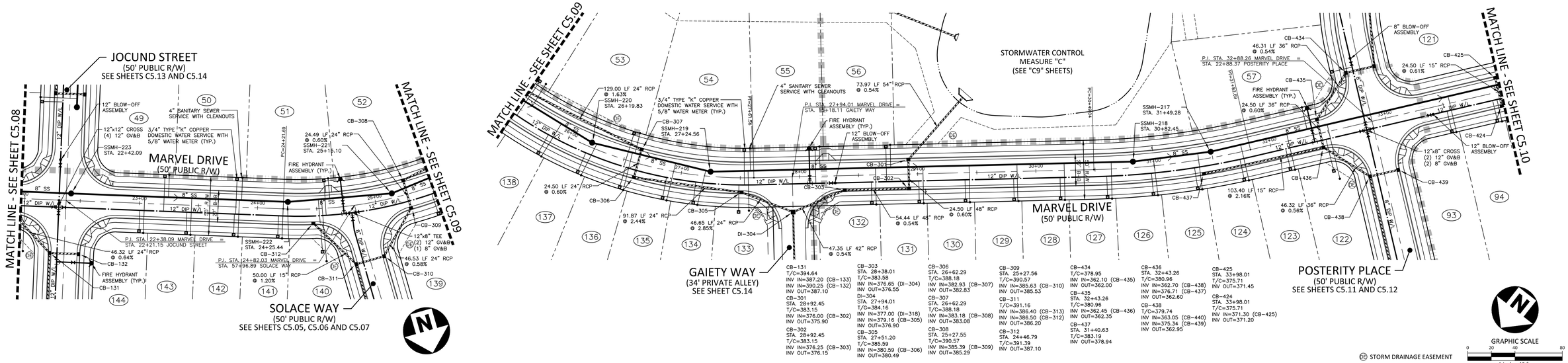

MARVEL DRIVE

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Timothy Beasley

City of Raleigh Development Approval _____

City of Raleigh Review Officer

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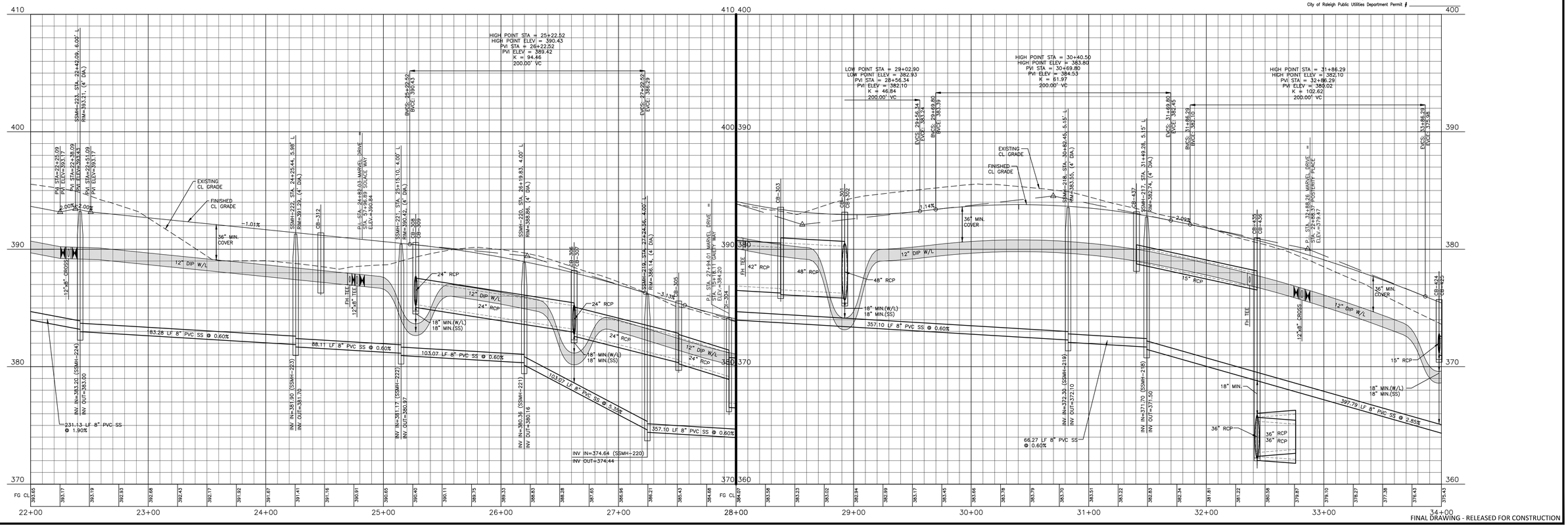
City of Raleigh Public Utilities Department Permit # _____



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FINAL DRAWING - RELEASED FOR CONSTRUCTION

McAdams

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CONTACT: BOB MISHLER

ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 19 2022 1:06 PM

DocuSign

THE POINT - PHASES 1, 2, 6 AND 9

CONSTRUCTION DRAWINGS - PACKAGE 1

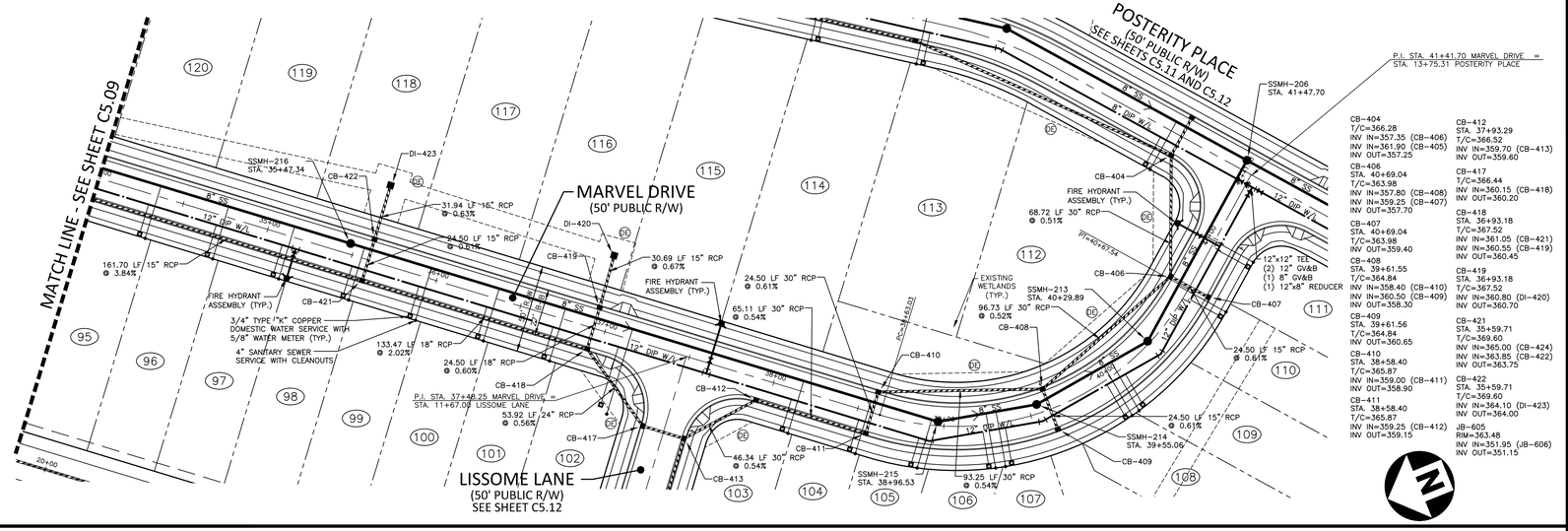
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

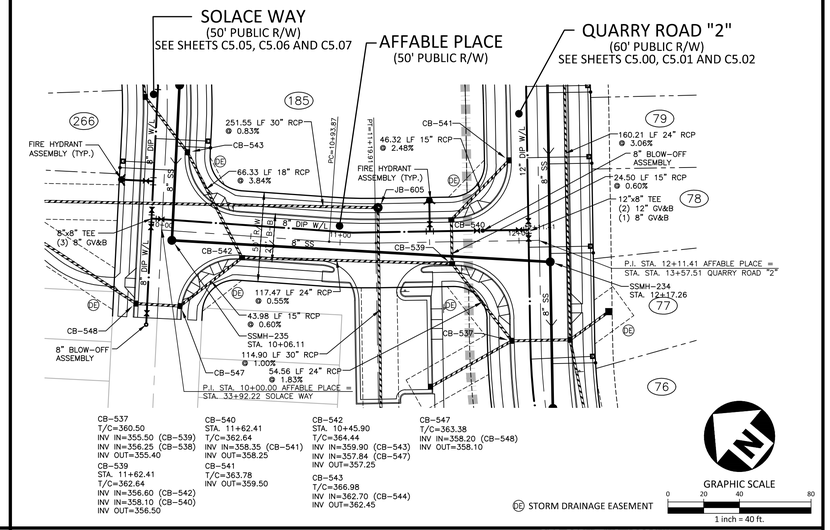
PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
MARVEL DRIVE, STA. 22+00 THRU STA. 34+00

C5.09

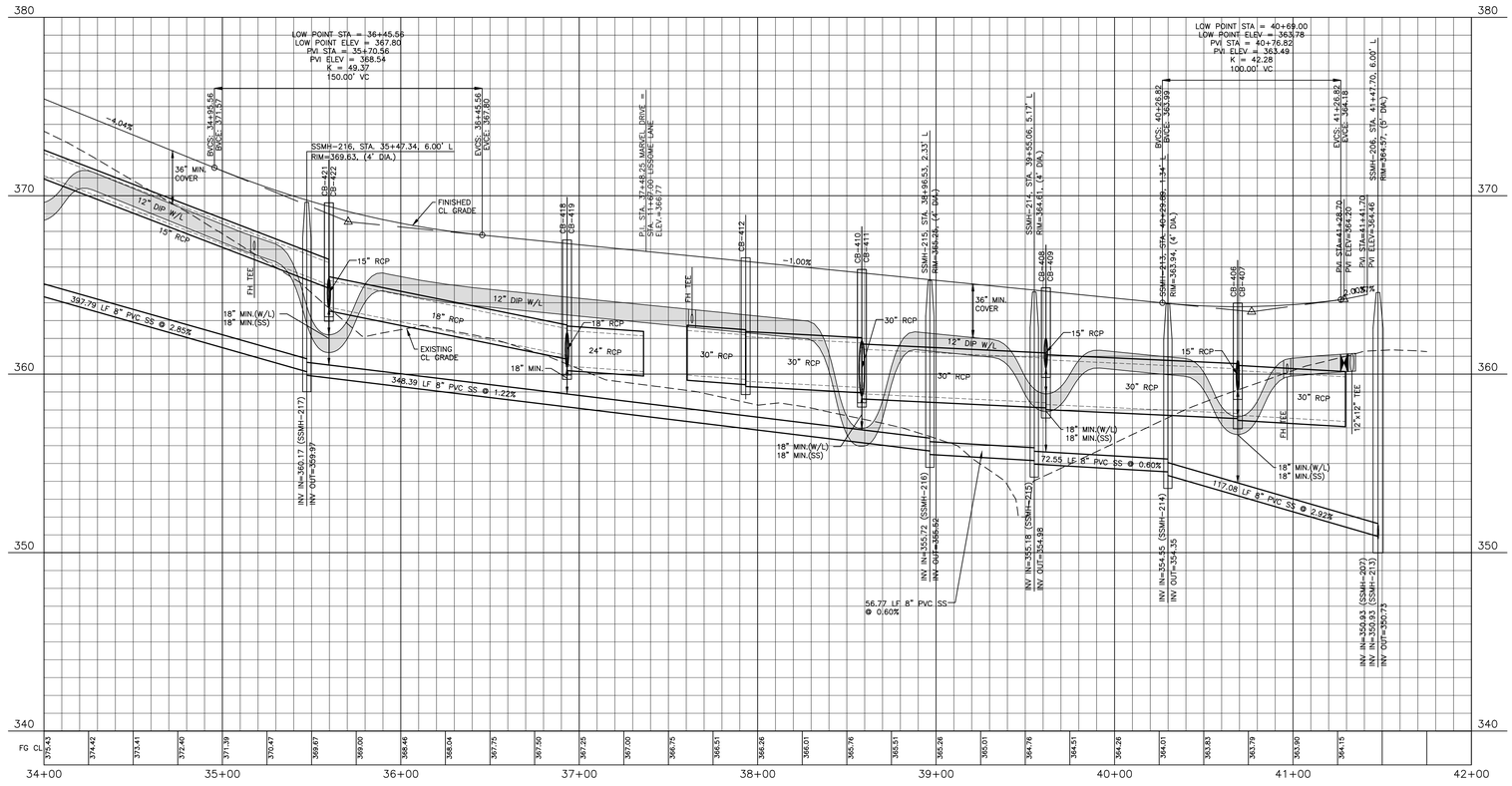




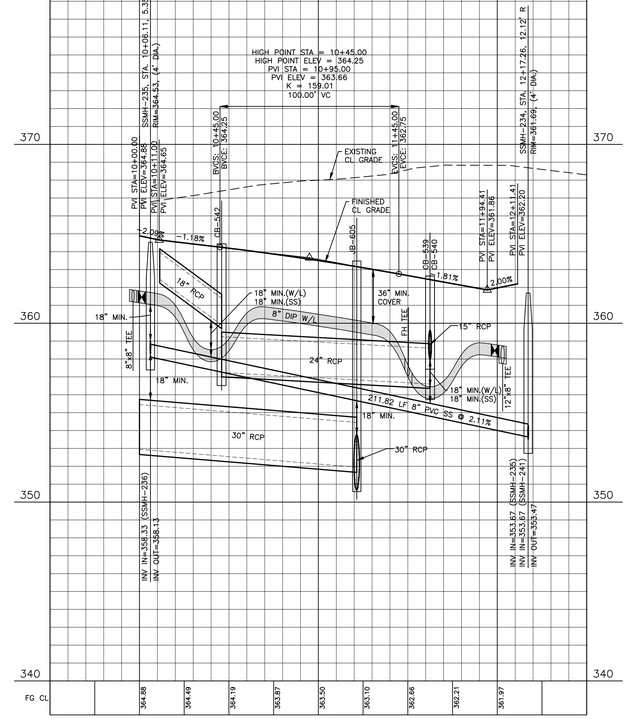
GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

DE STORM DRAINAGE EASEMENT

MARVEL DRIVE



AFFABLE PLACE



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Timothy Beasley

City of Raleigh Development Approval

City of Raleigh Review Officer

SITE PERMITTING APPROVAL

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City of Raleigh Public Utilities Department Permit # _____

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PHONE: 919. 232. 3695
CONTACT: BOB MISHLER

ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 19 2022 1:06 PM

DocuSign

THE POINT - PHASES 1, 2, 6 AND 9

CONSTRUCTION DRAWINGS - PACKAGE 1

TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
MARVEL DRIVE, STA. 34+00 THRU STA. 42+00
AFFABLE PLACE, STA. 10+00 THRU STA. 12+50

C5.10

M:\Projects\AWH\AWH-20000\04-Production\Engineering\Construction Drawings\Current Drawings\AWH20000-CD-Pkg-01-P1.dwg, 4/19/2022 11:34:05 AM, Williams, 1:1

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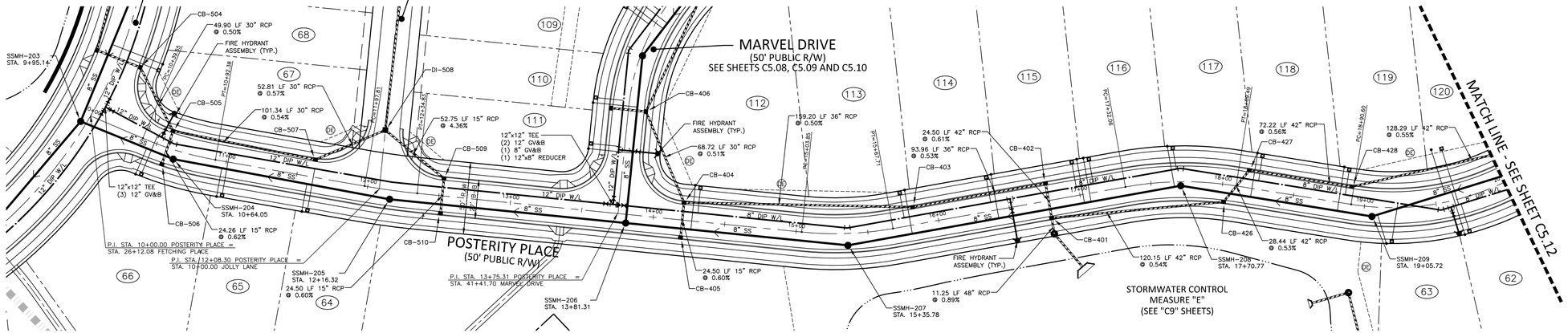

CB-504
T/C=355.11
INV IN=348.05 (CB-505)
INV OUT=347.95

CB-505
STA. 10+57.69
T/C=354.90
INV IN=348.40 (CB-507)
INV IN=350.50 (CB-506)
INV OUT=348.30

CB-506
STA. 10+57.92
T/C=354.90
INV OUT=350.65

CB-507
STA. 11+60.94
T/C=356.50
INV IN=349.05 (DI-508)
INV OUT=348.95

DI-508
STA. 12+06.03
T/C=357.42
INV IN=353.15 (CB-509)
INV IN=349.45 (DI-511)
INV OUT=349.35

CB-509
STA. 12+52.29
T/C=359.96
INV IN=355.55 (CB-510)
INV OUT=355.45

CB-510
STA. 12+52.31
T/C=359.96
INV OUT=355.70

CB-401
STA. 16+77.75
T/C=366.26
INV IN=358.30 (CB-426)
INV IN=355.60 (CB-402)
INV OUT=355.50

CB-402
STA. 16+77.75
T/C=366.26
INV IN=355.85 (CB-403)
INV OUT=355.75

CB-403
STA. 15+83.79
T/C=366.97
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CB-404
STA. 14+20.31
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CB-405
STA. 14+20.31
T/C=366.28
INV OUT=362.05

CB-406
T/C=363.98
INV IN=357.80 (CB-408)
INV IN=359.25 (CB-407)
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CB-426
STA. 18+02.24
T/C=367.60
INV IN=359.05 (CB-427)
INV OUT=358.95

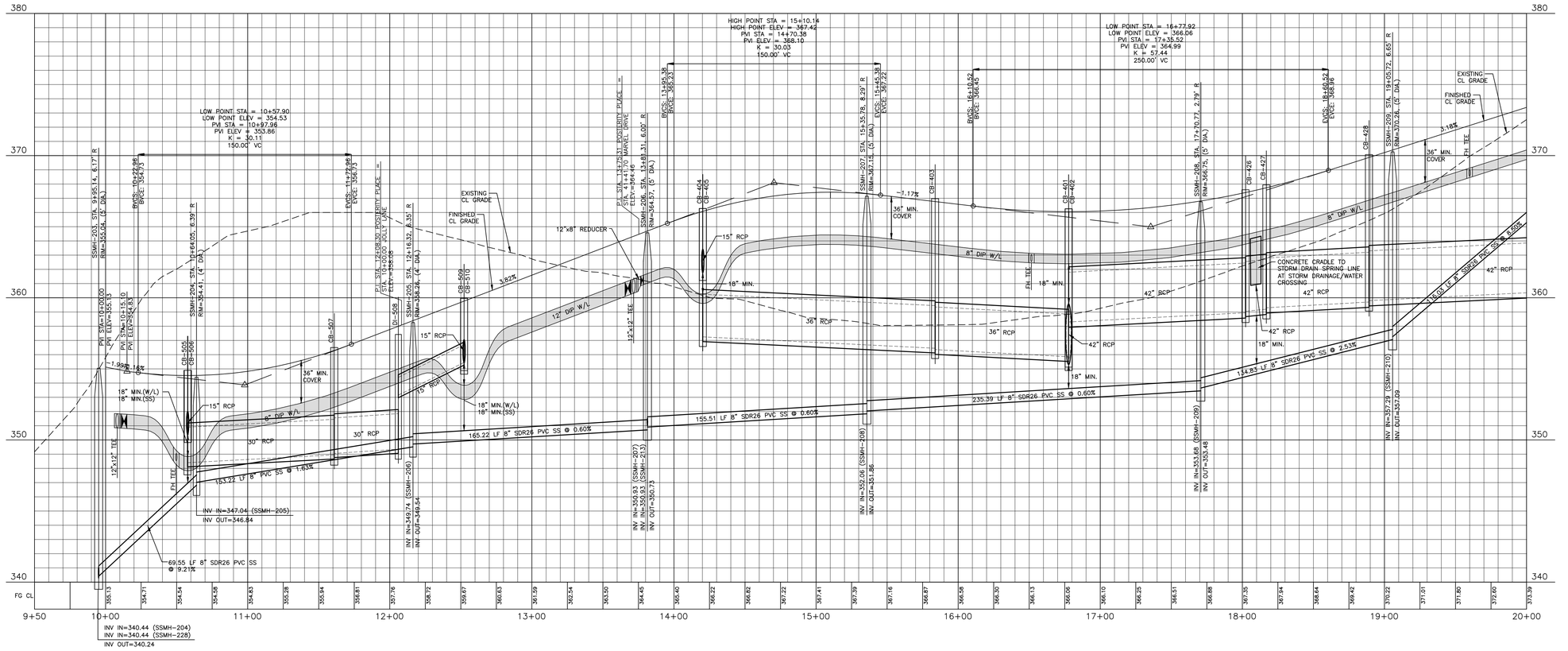
CB-427
STA. 18+16.88
T/C=367.94
INV IN=359.30 (CB-428)
INV OUT=359.20

CB-428
STA. 18+89.10
T/C=370.07
INV IN=359.80 (CB-429)
INV OUT=359.70

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

DE STORM DRAINAGE EASEMENT

POSTERITY PLACE



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REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 19 2022 1:07 PM

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
POSTERITY PLACE, STA. 10+00 THRU STA. 20+00

C5.11

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INV IN=370.15 (CB-430)
INV OUT=360.50

CB-430
STA. 20+30.14
T/C=374.55
INV OUT=370.30

CB-431
STA. 21+53.98
T/C=377.62
INV IN=361.30 (CB-433)
INV IN=373.20 (CB-432)
INV OUT=361.20

CB-432
STA. 21+53.99
T/C=377.62
INV OUT=373.35

CB-433
STA. 22+43.37
T/C=378.95
INV IN=361.85 (CB-434)
INV OUT=361.75

CB-434
STA. 22+43.37
T/C=378.95
INV IN=362.10 (CB-435)
INV OUT=362.00

CB-435
STA. T/C=380.96
INV IN=362.45 (CB-436)
INV OUT=362.35

CB-436
T/C=380.96
INV IN=362.70 (CB-438)
INV IN=376.71 (CB-437)
INV OUT=362.60

CB-438
STA. 23+33.37
T/C=379.74
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INV OUT=362.95

CB-439
STA. 23+33.37
T/C=379.74
INV OUT=375.49

CB-440
STA. 24+11.37
T/C=379.92
INV IN=363.60 (DI-441)
INV OUT=363.50

DI-441
STA. 24+55.37
T/C=379.14
INV IN=363.95 (CB-445)
INV IN=374.90 (DI-442)
INV OUT=363.85

CB-445
STA. 24+99.37
T/C=378.52
INV IN=364.30 (CB-446)
INV OUT=364.20

CB-446
STA. 25+88.37
T/C=376.94
INV IN=364.90 (CB-448)
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INV OUT=364.80

CB-447
STA. 25+88.37
T/C=376.94
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CB-448
T/C=378.24
INV IN=365.25 (CB-455)
INV IN=373.70 (CB-449)
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CB-455
T/C=378.24
INV IN=365.55 (CB-456)
INV OUT=365.45

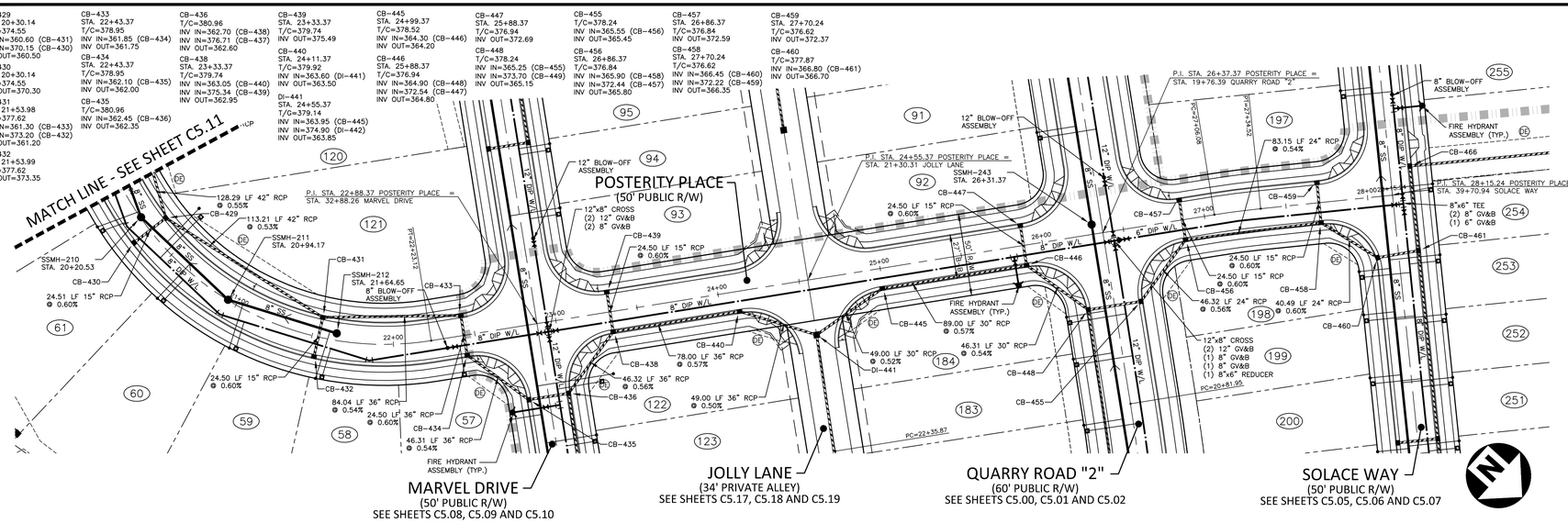
CB-456
STA. 26+86.37
T/C=376.84
INV IN=365.90 (CB-458)
INV IN=372.44 (CB-457)
INV OUT=365.80

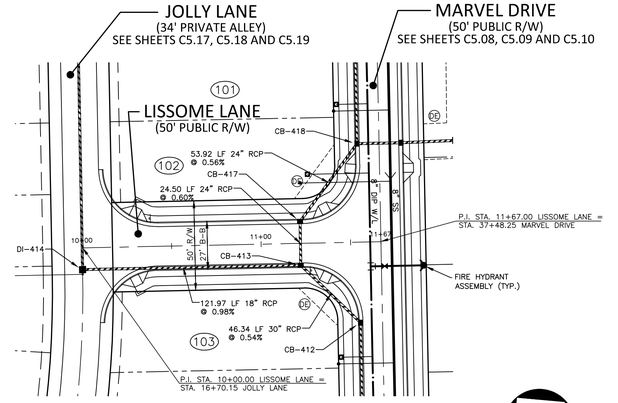
CB-457
STA. 26+86.37
T/C=376.84
INV OUT=372.59

CB-458
STA. 27+70.24
T/C=376.62
INV IN=366.45 (CB-460)
INV IN=372.22 (CB-459)
INV OUT=366.35

CB-459
STA. 27+70.24
T/C=376.62
INV OUT=372.37

CB-460
T/C=377.87
INV IN=366.80 (CB-461)
INV OUT=366.70





CB-412
T/C=366.52
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INV OUT=359.60

CB-413
STA. 11+21.96
T/C=366.44
INV IN=360.05 (CB-417)
INV IN=360.45 (DI-414)
INV OUT=359.95

DI-414
STA. 9+99.99
T/C=366.12
INV IN=361.95 (DI-415)
INV OUT=361.65

CB-417
STA. 11+22.04
T/C=366.44
INV IN=360.15 (CB-418)
INV OUT=360.20

CB-418
T/C=367.52
INV IN=361.05 (CB-421)
INV IN=360.55 (CB-419)
INV OUT=360.45

DE STORM DRAINAGE EASEMENT

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

CITY OF RALEIGH – PLANS AUTHORIZED FOR CONSTRUCTION

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Timothy Beasley

City of Raleigh Development Approval

City of Raleigh Review Officer

SITE PERMITTING APPROVAL

Water and Sewer Permits (if applicable)

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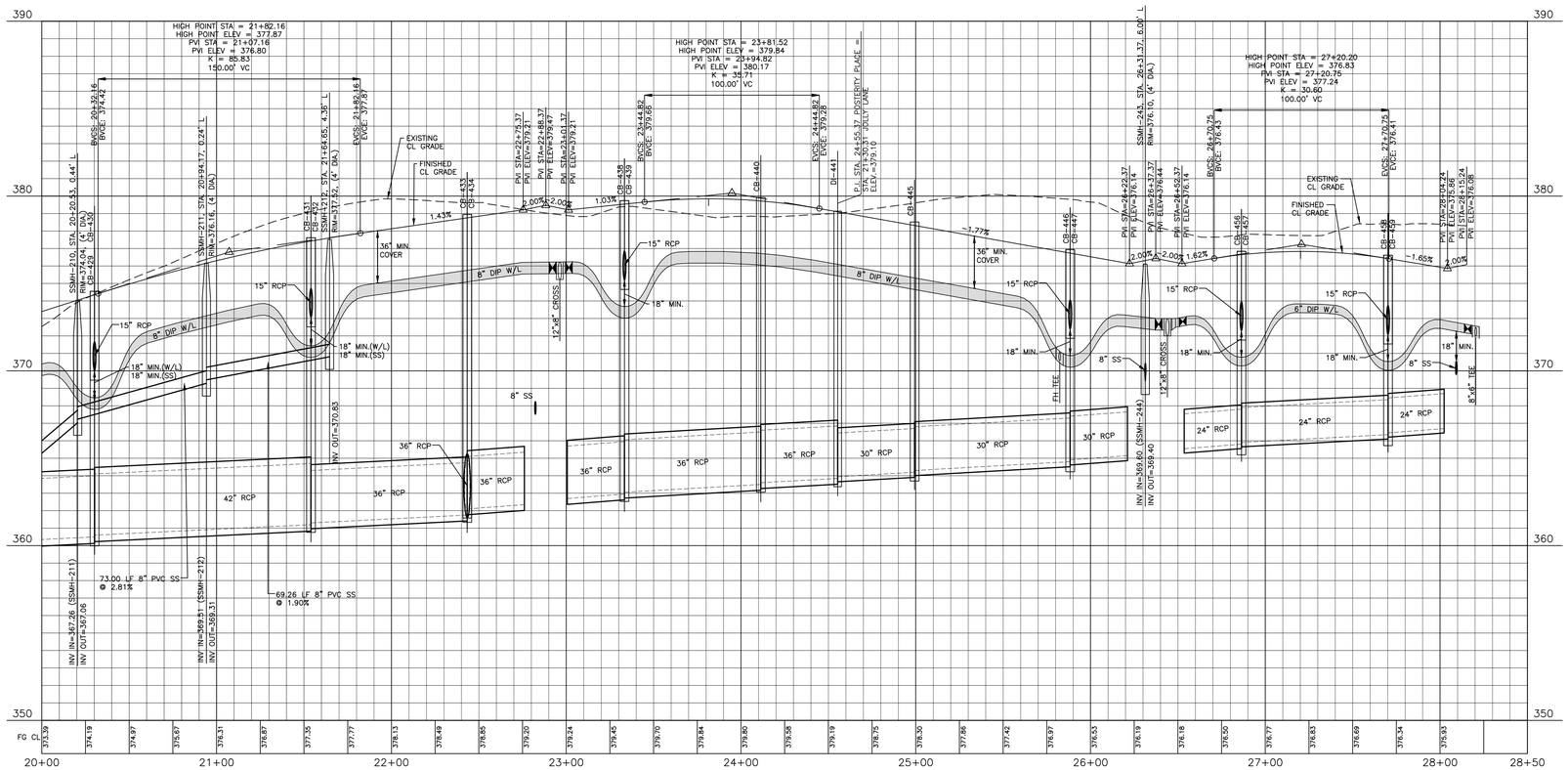
City of Raleigh Public Utilities Department Permit # _____

POSTERITY PLACE



LISSOME LANE

FINAL DRAWING - RELEASED FOR CONSTRUCTION

The John R. McAdams Company, Inc.
2905 Meridian Parkway
Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

CLIENT
ASHTON RALEIGH RESIDENTIAL, LLC.
5711 SIX FORKS ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
PHONE: 919. 232. 3695
CONTACT: BOB MISHLER

ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 19 2022 1:07 PM

DocuSign

THE POINT - PHASES 1, 2, 6 AND 9

CONSTRUCTION DRAWINGS - PACKAGE 1

TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
POSTERITY PLACE, STA. 20+00 THRU STA. 28+50
LISSOME LANE, STA. 10+00 THRU STA. 12+00

C5.12

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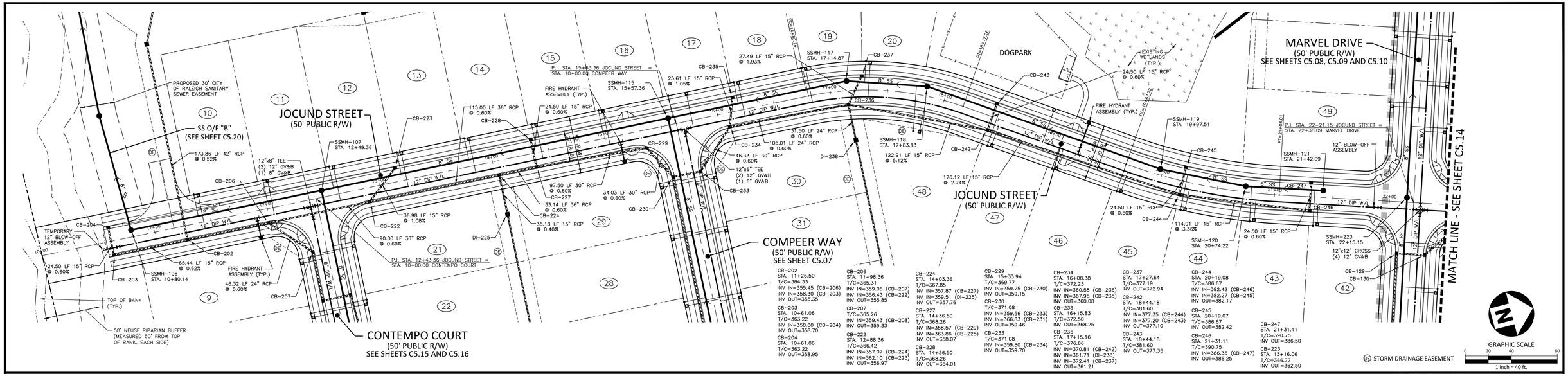

JOCUND STREET

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City of Raleigh Public Utilities Department Permit #

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McAdams
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phone 919. 361. 5000
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CONTACT: BOB MISHLER
ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 19 2022 1:07 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

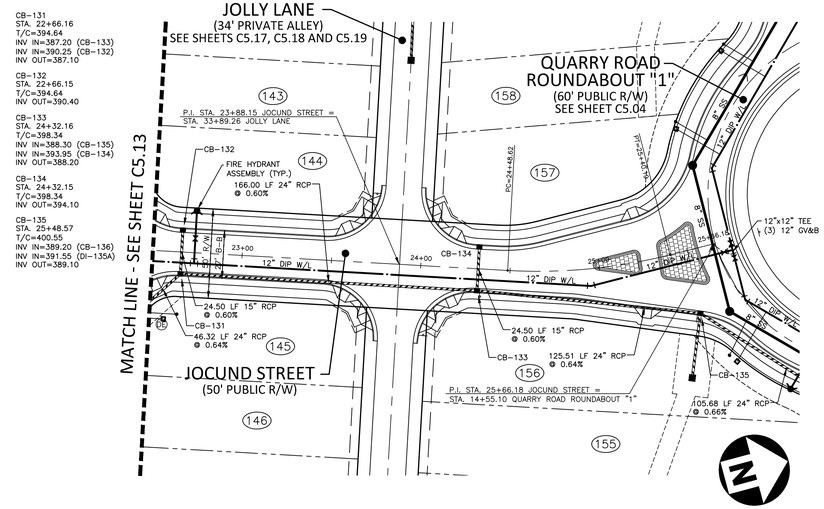
PLAN INFORMATION

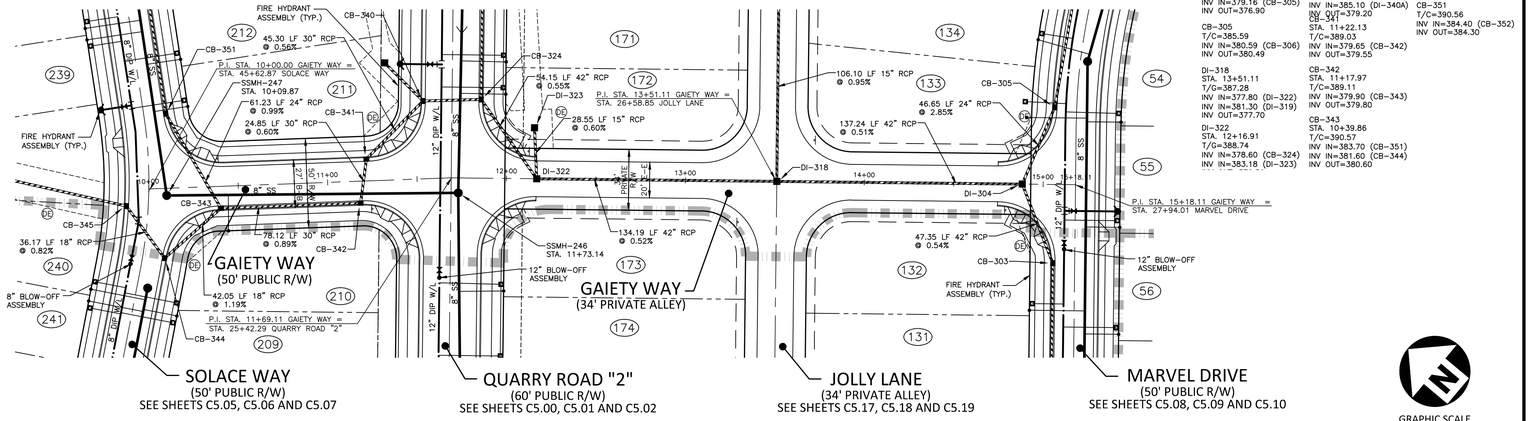
PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
JOCUND STREET, STA. 10+00 THRU STA. 22+50

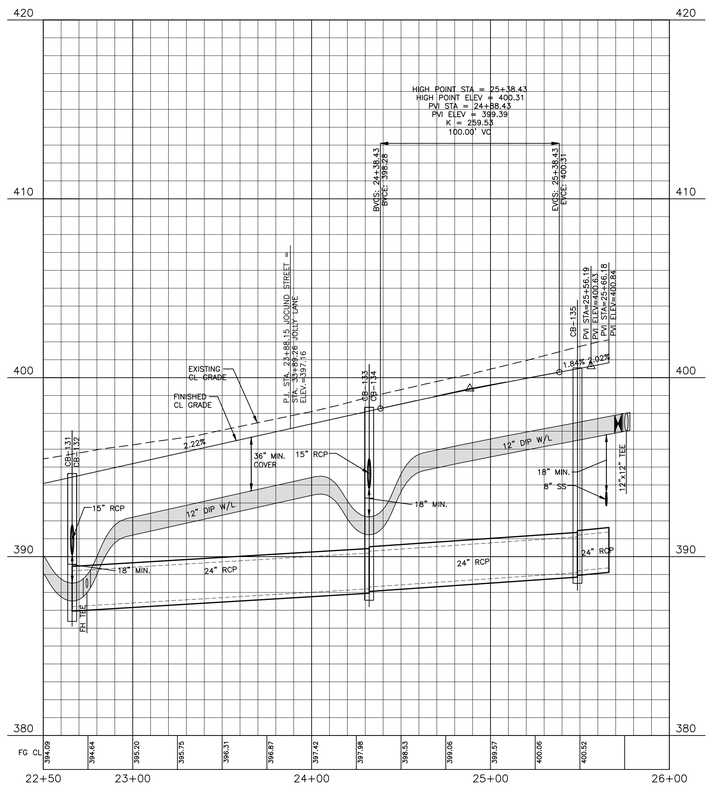
C5.13

FINAL DRAWING - RELEASED FOR CONSTRUCTION

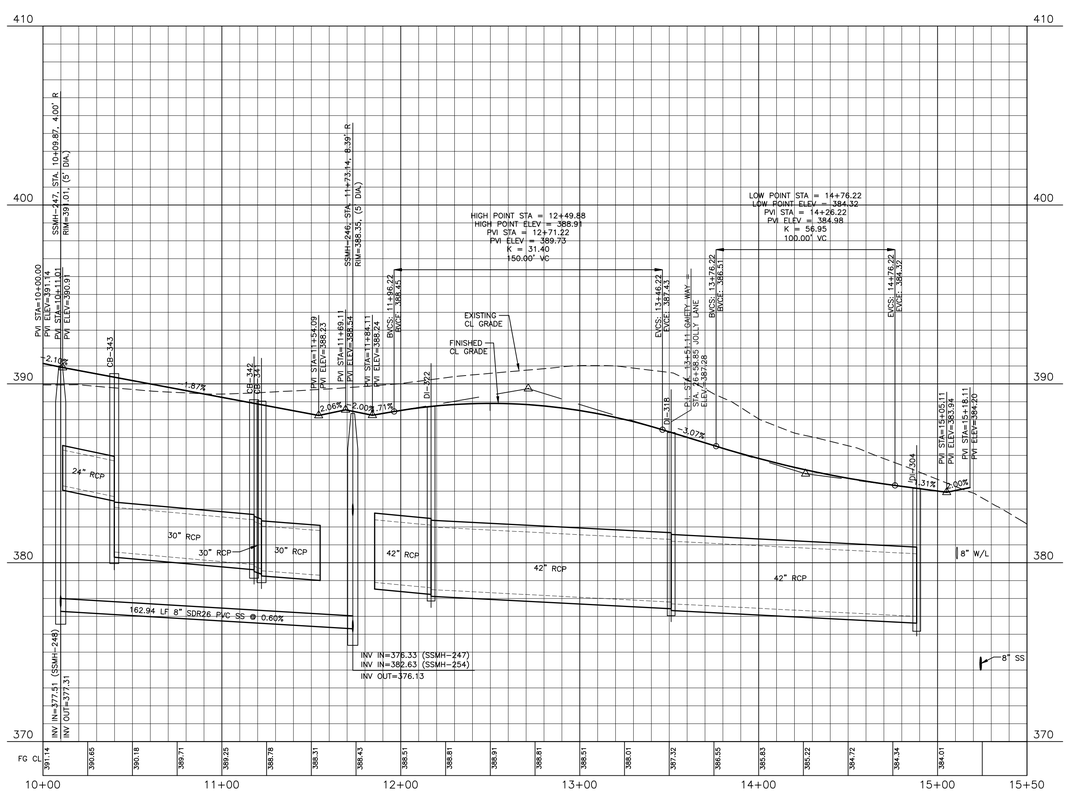




JOCUND STREET



GAIETY WAY



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City of Raleigh Public Utilities Department Permit # _____

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ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 19 2022 1:08 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
JOCUND STREET, STA. 22+50 THRU STA. 26+00
GAIETY WAY, STA. 10+00 THRU STA. 15+50

C5.14

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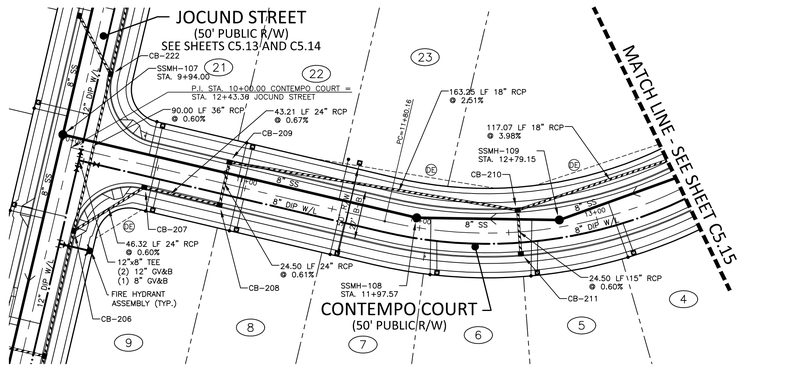

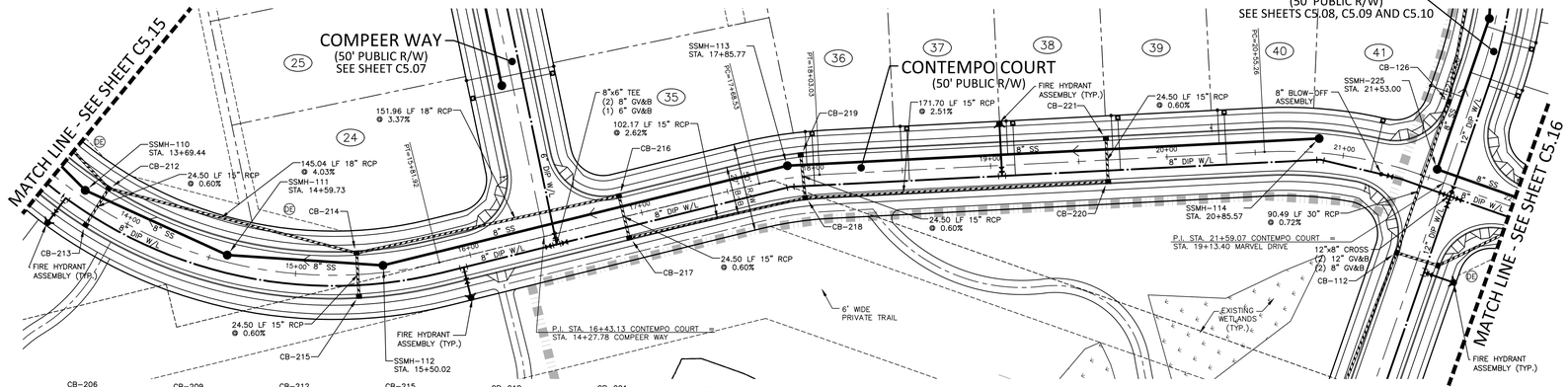

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T/C=365.31
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INV OUT=355.85

CB-207
STA. 10+45.00
T/C=365.26
INV IN=359.43 (CB-208)
INV OUT=359.33

CB-208
STA. 10+88.21
T/C=364.96
INV IN=359.82 (CB-209)
INV OUT=359.72

CB-209
STA. 10+88.21
T/C=364.96
INV IN=360.47 (CB-210)
INV OUT=359.97

CB-210
STA. 12+55.91
T/C=369.21
INV IN=364.71 (CB-212)
INV IN=364.81 (CB-211)
INV OUT=364.56

CB-211
STA. 12+55.91
T/C=369.21
INV OUT=364.96

CB-212
STA. 13+80.29
T/C=374.02
INV IN=369.52 (CB-214)
INV IN=369.62 (CB-213)
INV OUT=369.37

CB-213
STA. 13+80.30
T/C=374.02
INV OUT=369.77

CB-214
STA. 15+35.27
T/C=380.01
INV IN=375.46 (CB-216)
INV IN=375.61 (CB-215)
INV OUT=375.36

CB-215
STA. 15+35.26
T/C=380.01
INV OUT=375.76

CB-216
STA. 16+89.71
T/C=385.48
INV IN=380.78 (CB-217)
INV OUT=380.58

CB-217
STA. 16+89.71
T/C=385.48
INV IN=381.23 (CB-218)
INV OUT=380.93

CB-218
STA. 17+93.67
T/C=388.39
INV IN=384.14 (CB-220)
INV IN=384.00 (CB-219)
INV OUT=383.90

CB-219
STA. 17+93.60
T/C=388.40
INV OUT=384.15

CB-220
STA. 19+66.01
T/C=392.94
INV OUT=388.69

CB-221
STA. 19+66.01
T/C=392.94
INV OUT=388.69

CB-222
T/C=366.42
INV IN=357.07 (CB-224)
INV IN=362.10 (CB-223)
INV OUT=356.97

CB-112
T/C=395.85
INV IN=384.25 (CB-126)
INV IN=387.00 (CB-113)
INV OUT=384.15

CB-126
T/C=396.60
INV IN=385.00 (CB-127)
INV OUT=384.90

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

(DE) STORM DRAINAGE EASEMENT

CONTEMPO COURT

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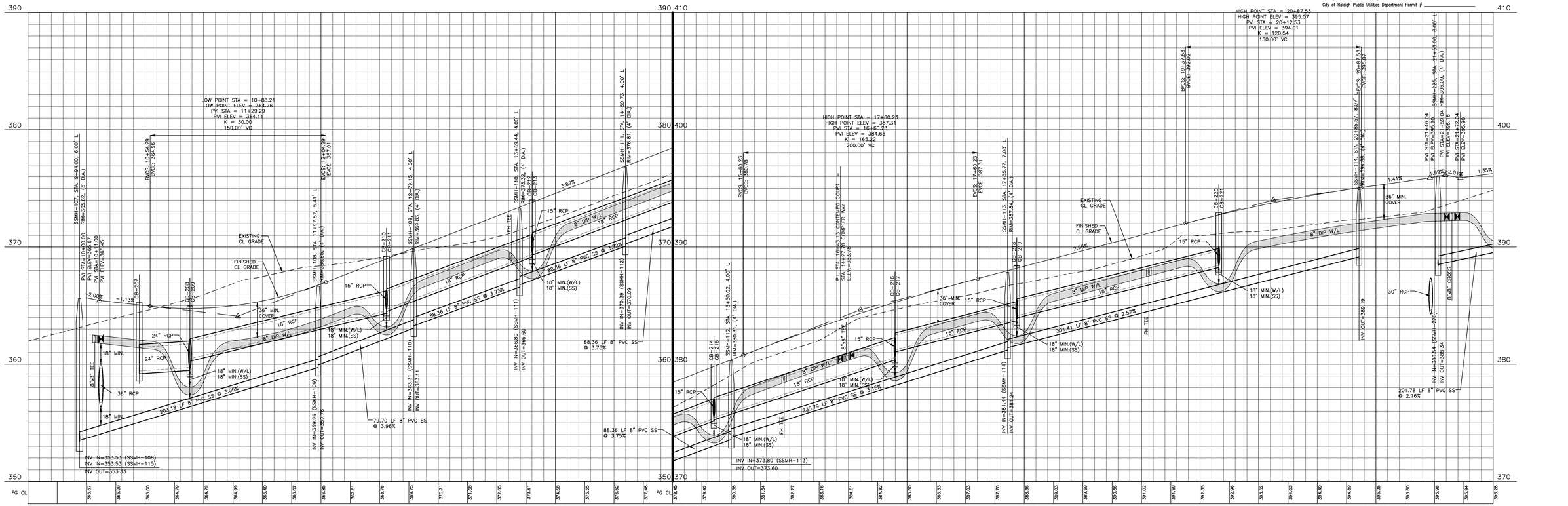

FINAL DRAWING - RELEASED FOR CONSTRUCTION

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REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL
Todd O'Daniel
Apr 19 2022 1:08 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
CONTEMPO COURT, STA. 10+00 THRU STA. 22+00

C5.15

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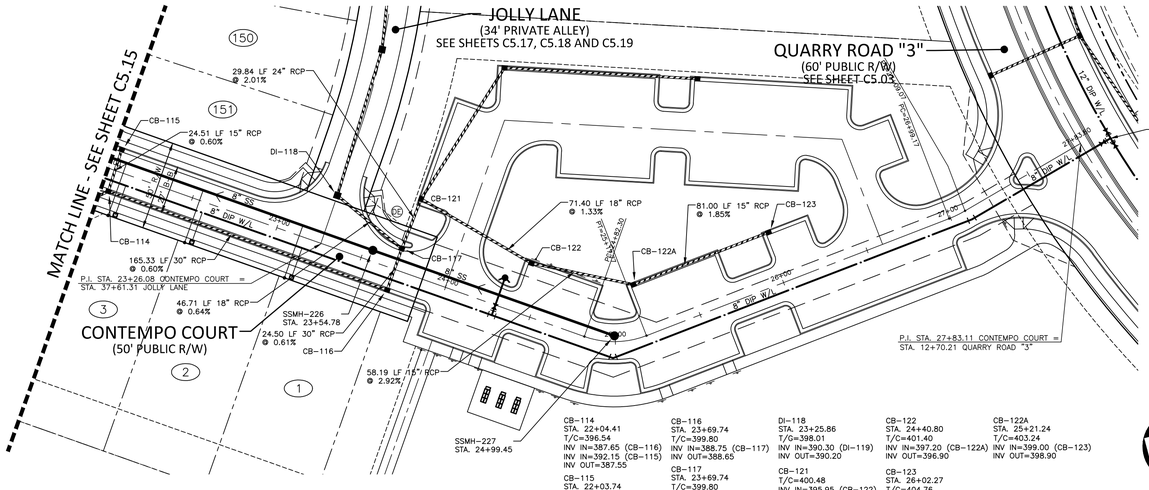

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INV IN=392.15 (CB-115)
INV OUT=387.55

CB-115
STA. 22+03.74
T/C=396.53
INV OUT=392.30

CB-116
STA. 23+69.74
T/C=399.80
INV IN=388.75 (CB-117)
INV OUT=388.65

CB-117
STA. 23+69.74
T/C=399.80
INV IN=394.80 (CB-121)
INV IN=389.90 (DI-118)
INV OUT=388.90

DI-118
STA. 23+25.86
T/G=398.01
INV IN=390.30 (DI-119)
INV OUT=390.20

CB-121
T/C=400.48
INV IN=395.95 (CB-122)
INV IN=396.25 (CB-124)
INV OUT=395.40

CB-122
STA. 24+40.80
T/C=401.40
INV IN=397.20 (CB-122A)
INV OUT=396.90

CB-123
STA. 26+02.27
T/C=404.76
INV OUT=400.50

CB-122A
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T/C=403.24
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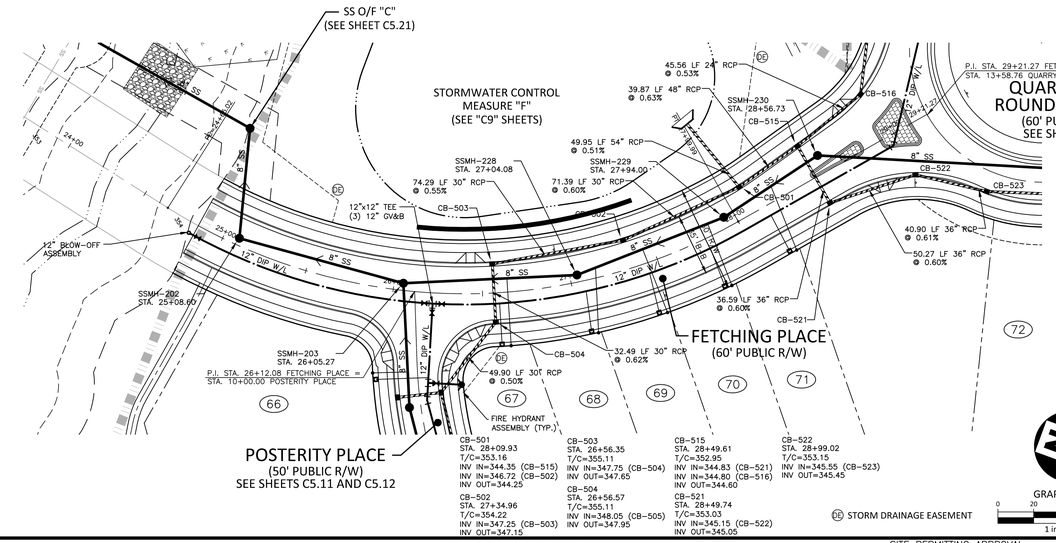
INV OUT=398.90



CB-501
STA. 28+09.93
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INV IN=346.72 (CB-502)
INV OUT=344.25

CB-502
STA. 27+34.96
T/C=354.22
INV IN=347.25 (CB-503)
INV OUT=347.15

CB-503
STA. 26+56.35
T/C=355.11
INV IN=347.75 (CB-504)
INV OUT=347.65

CB-504
STA. 26+56.57
T/C=355.11
INV IN=348.05 (CB-505)
INV OUT=347.95

CB-515
STA. 28+49.61
T/C=352.95
INV IN=344.83 (CB-521)
INV IN=344.80 (CB-516)
INV OUT=344.80

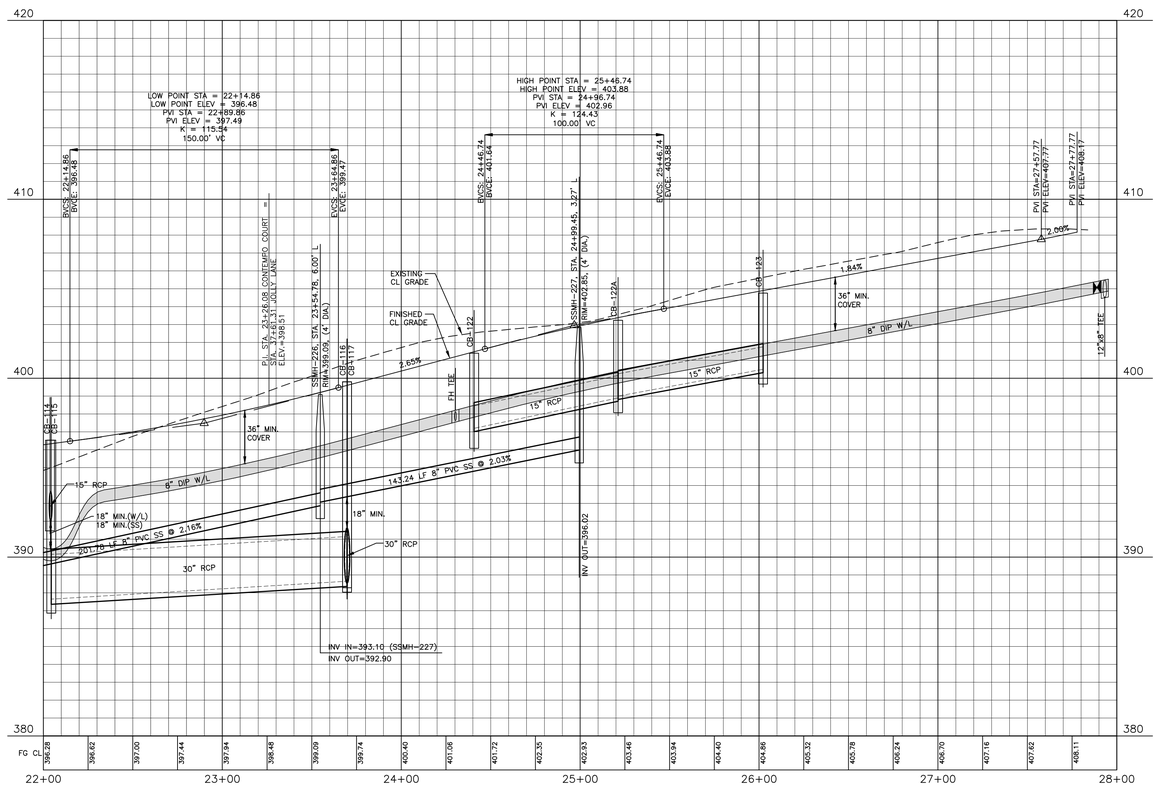
CB-521
STA. 28+49.74
T/C=353.03
INV IN=345.15 (CB-522)
INV OUT=345.05

CB-522
STA. 28+99.02
T/C=353.15
INV IN=345.55 (CB-523)
INV OUT=345.45

DE STORM DRAINAGE EASEMENT

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

CONTEMPO COURT



FETCHING PLACE

CB-501
STA. 28+09.93
T/C=353.16
INV IN=344.35 (CB-515)
INV IN=346.72 (CB-502)
INV OUT=344.25

CB-502
STA. 27+34.96
T/C=354.22
INV IN=347.25 (CB-503)
INV OUT=347.15

CB-503
STA. 26+56.35
T/C=355.11
INV IN=347.75 (CB-504)
INV OUT=347.65

CB-504
STA. 26+56.57
T/C=355.11
INV IN=348.05 (CB-505)
INV OUT=347.95

CB-515
STA. 28+49.61
T/C=352.95
INV IN=344.83 (CB-521)
INV IN=344.80 (CB-516)
INV OUT=344.80

CB-521
STA. 28+49.74
T/C=353.03
INV IN=345.15 (CB-522)
INV OUT=345.05

CB-522
STA. 28+99.02
T/C=353.15
INV IN=345.55 (CB-523)
INV OUT=345.45

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City of Raleigh Public Utilities Department Permit # _____

FINAL DRAWING - RELEASED FOR CONSTRUCTION

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2905 Meridian Parkway
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phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

CLIENT
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5711 SIX FORKS ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
PHONE: 919. 232. 3695
CONTACT: BOB MISHLER

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 19 2022 1:09 PM

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
CONTEMPO COURT, STA. 22+00 THRU STA. 25+50
FETCHING PLACE, STA. 24+00 THRU STA. 29+50

C5.16

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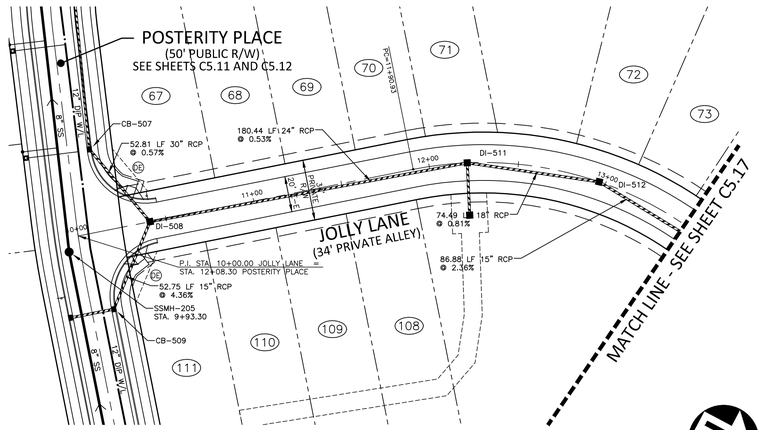

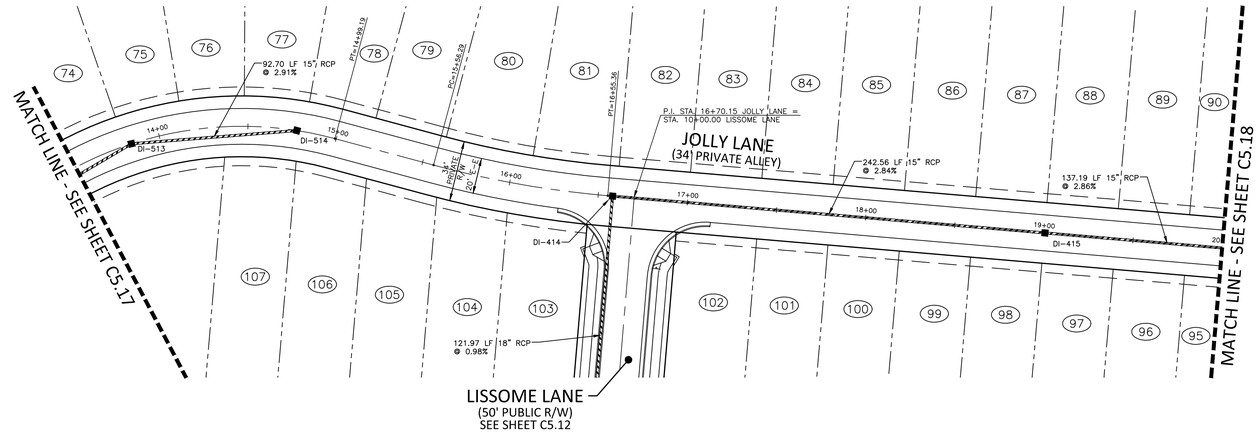

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INV OUT=348.95

DI-508
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T/G=357.42
INV IN=353.15 (CB-509)
INV IN=349.45 (DI-511)
INV OUT=349.35

CB-509
T/C=359.96
INV IN=355.55 (CB-510)
INV OUT=355.45

DI-511
STA. 12+21.38
T/G=355.40
INV IN=350.90 (DI-512)
INV IN=351.26 (DI-511A)
INV OUT=350.40

DI-512
STA. 12+96.30
T/G=356.00
INV IN=351.75 (DI-513)
INV OUT=351.50

DI-513
STA. 13+83.84
T/G=358.14
INV IN=353.90 (DI-514)
INV OUT=353.80

DI-514
STA. 14+77.35
T/G=360.86
INV OUT=356.60

DI-414
STA. 16+58.02
T/G=366.12
INV IN=361.95 (DI-415)
INV OUT=361.65

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

STORM DRAINAGE EASEMENT

JOLLY LANE

CITY OF RALEIGH – PLANS AUTHORIZED FOR CONSTRUCTION

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City of Raleigh Development Approval Timothy Beasley — City of Raleigh Review Officer

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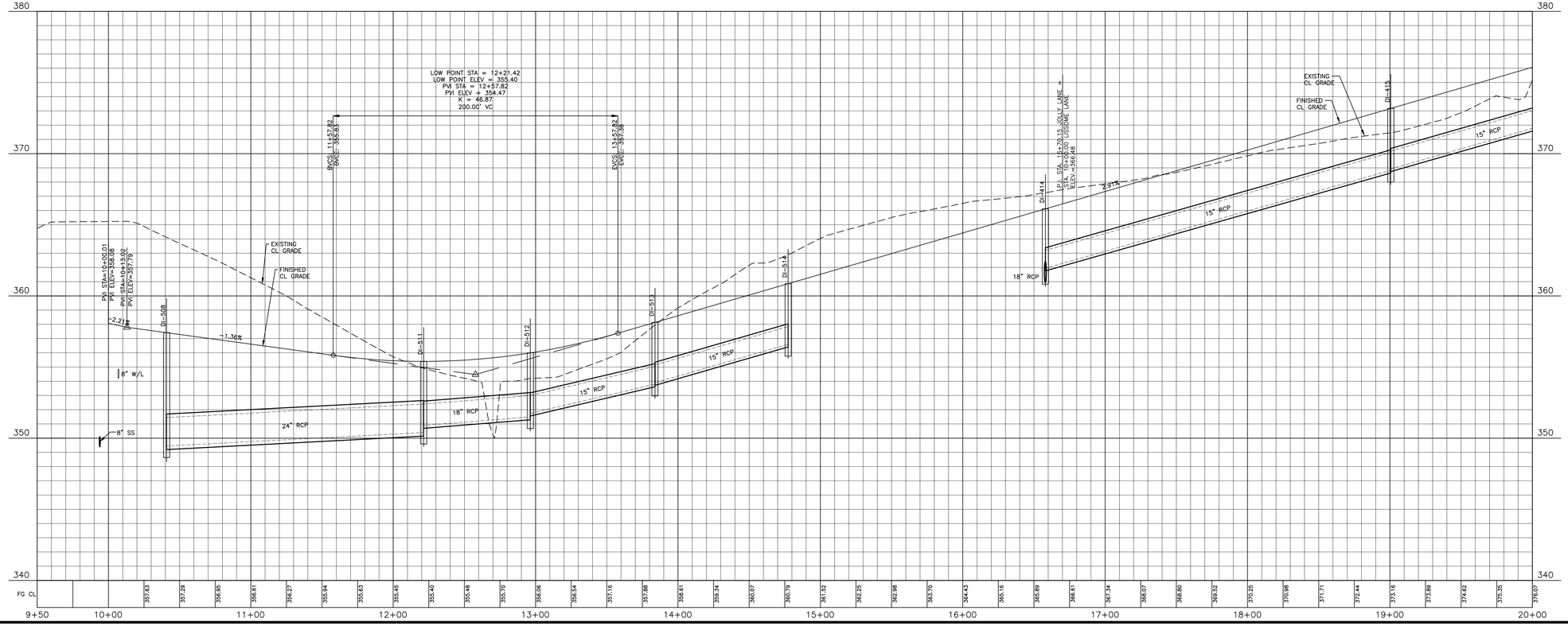
City of Raleigh Public Utilities Department Permit # _____



FINAL DRAWING - RELEASED FOR CONSTRUCTION

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ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL
Todd O'Daniel
Apr 19 2022 1:09 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
JOLLY LANE, STA. 10+00 THRU STA. 20+00

C5.17

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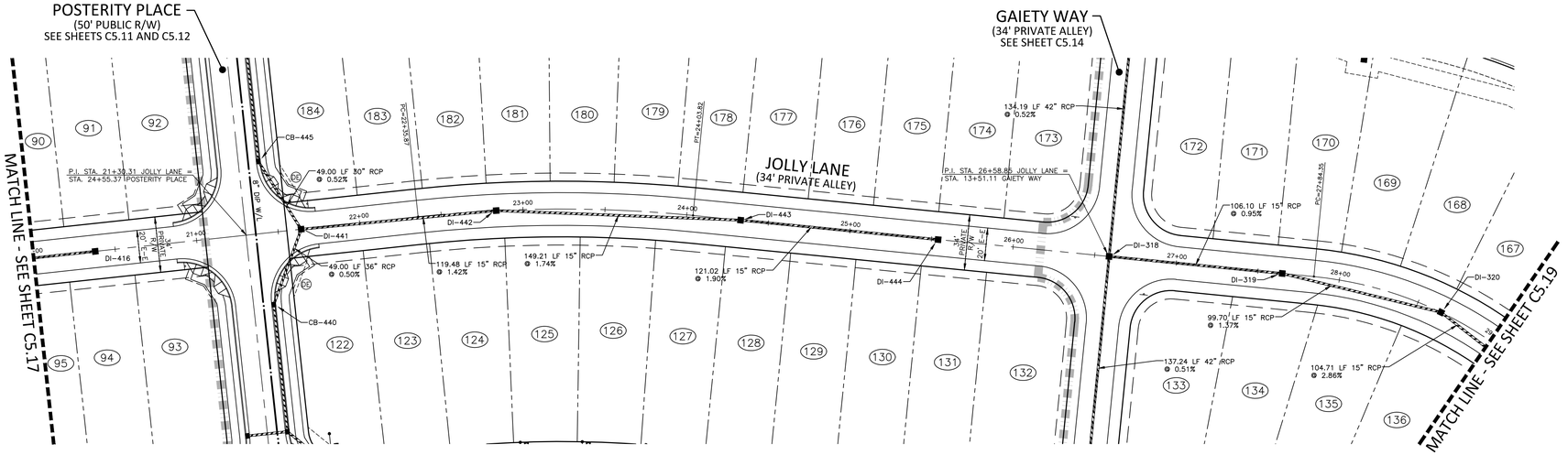


DI-318
STA. 26+58.85
T/G=387.28
INV IN=377.80 (DI-322)
INV IN=381.30 (DI-319)
INV OUT=377.70

DI-319
STA. 27+64.95
T/G=386.66
INV IN=382.41 (DI-320)
INV OUT=382.31

DI-320
STA. 28+65.31
T/G=388.13
INV IN=383.88 (DI-321)
INV OUT=383.78

DI-416
STA. 20+37.78
T/G=377.11
INV OUT=372.86

CB-440
T/C=379.92
INV IN=363.60 (DI-441)
INV OUT=363.50

DI-441
STA. 21+64.12
T/G=379.14
INV IN=363.95 (CB-445)
INV IN=374.90 (DI-442)
INV OUT=363.85

DI-442
STA. 22+83.62
T/G=380.95
INV IN=376.70 (DI-443)
INV OUT=376.60

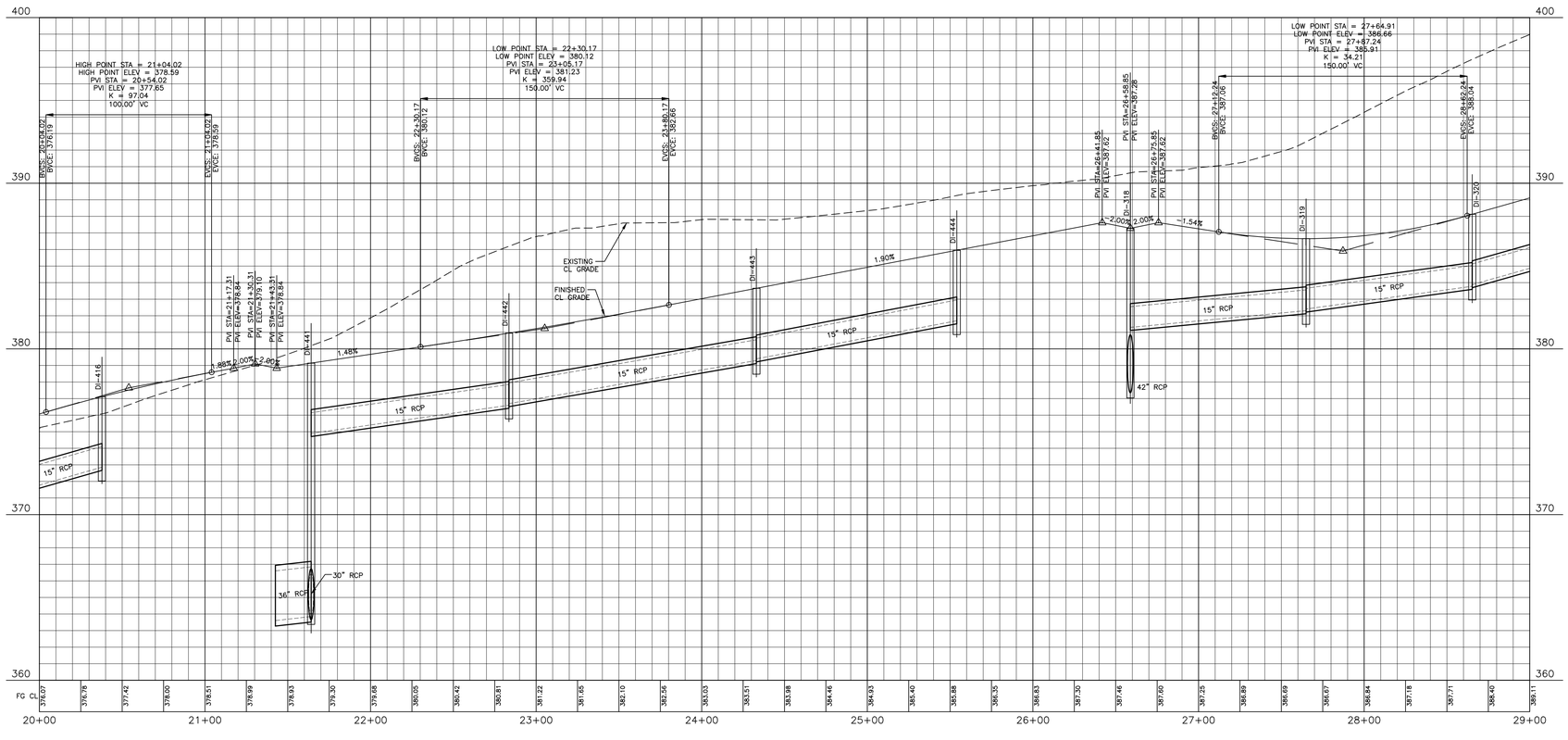
DI-443
STA. 24+33.00
T/G=383.66
INV IN=379.40 (DI-444)
INV OUT=379.30

DI-444
STA. 25+54.02
T/G=385.95
INV OUT=381.70

CB-445
T/C=378.52
INV IN=364.30 (CB-446)
INV OUT=364.20

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

JOLLY LANE



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City of Raleigh Public Utilities Department Permit # _____

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ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL
Todd O'Daniel
Apr 19 2022 1:09 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
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SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
JOLLY LANE, STA. 20+00 THRU STA. 29+00

C5.18

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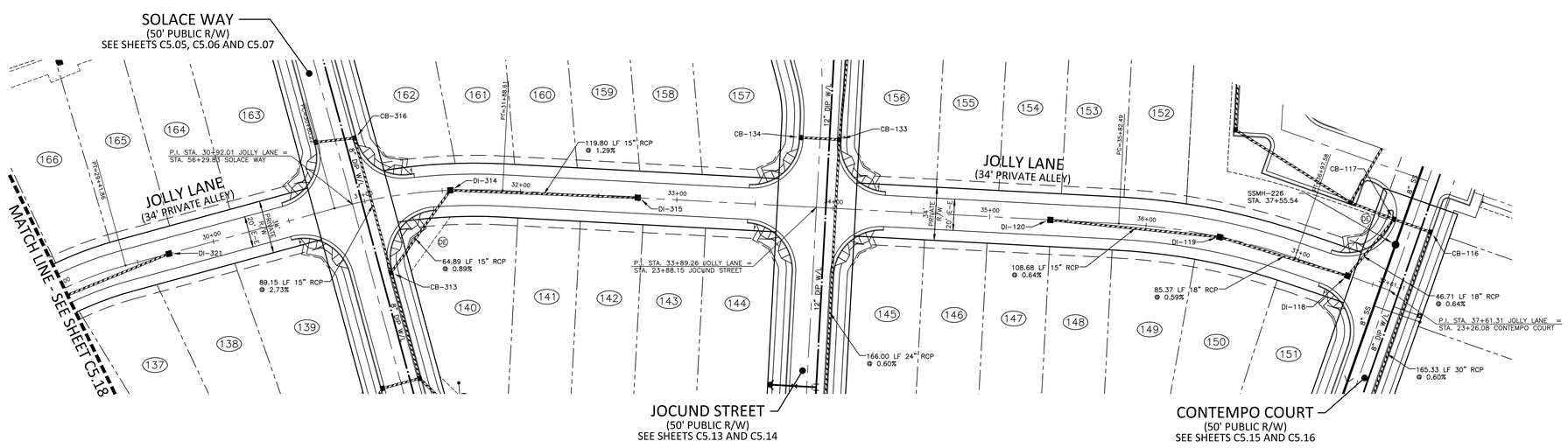


CB-117
T/C=399.80
INV IN=394.80 (CB-121)
INV IN=389.90 (DI-118)
INV OUT=388.90

DI-118
STA. 37+33.06
T/G=398.01
INV IN=390.30 (DI-119)
INV OUT=390.20

DI-119
STA. 36+47.62
T/G=396.65
INV IN=391.15 (DI-120)
INV OUT=390.80

DI-120
STA. 35+38.80
T/G=395.84
INV OUT=391.85

CB-133
T/C=398.34
INV IN=388.30 (CB-135)
INV IN=393.95 (CB-134)
INV OUT=388.20

CB-313
T/C=392.57
INV IN=388.32 (CB-316)
INV IN=388.32 (DI-314)
INV OUT=388.07

DI-314
STA. 31+55.18
T/G=393.25
INV IN=389.00 (DI-315)
INV OUT=388.90

DI-315
STA. 32+75.02
T/G=394.80
INV OUT=390.55

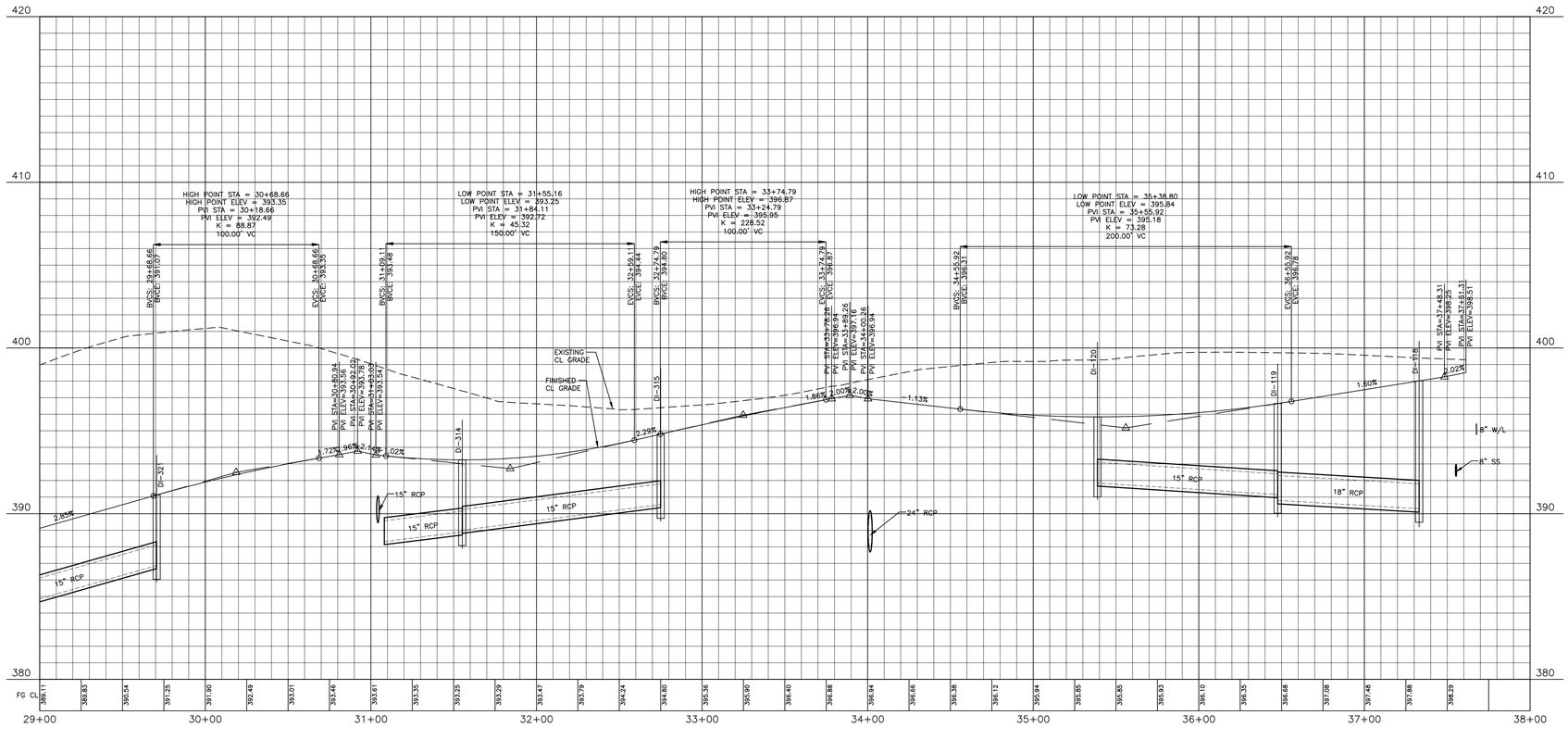
CB-316
T/C=395.14
INV IN=390.85 (CB-317)
INV OUT=390.75

DI-321
STA. 29+70.65
T/G=391.12
INV OUT=386.87

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

(DE) STORM DRAINAGE EASEMENT

JOLLY LANE



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REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL
Todd O'Daniel
Apr 19 2022 1:10 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P1
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
JOLLY LANE, STA. 29+00 THRU STA. 38+00

C5.19

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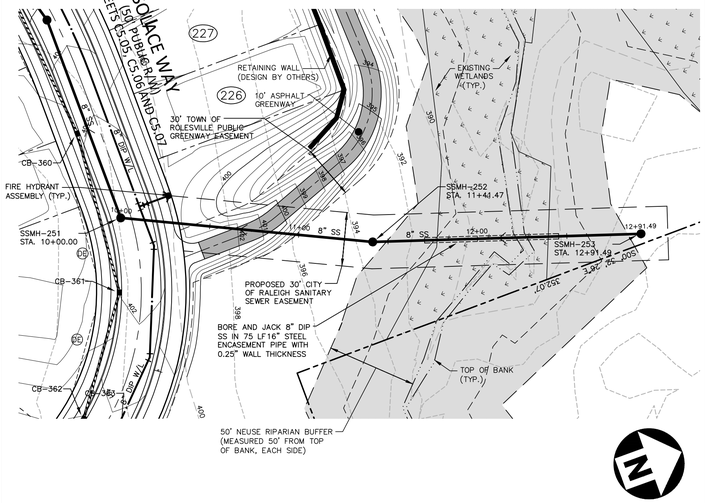
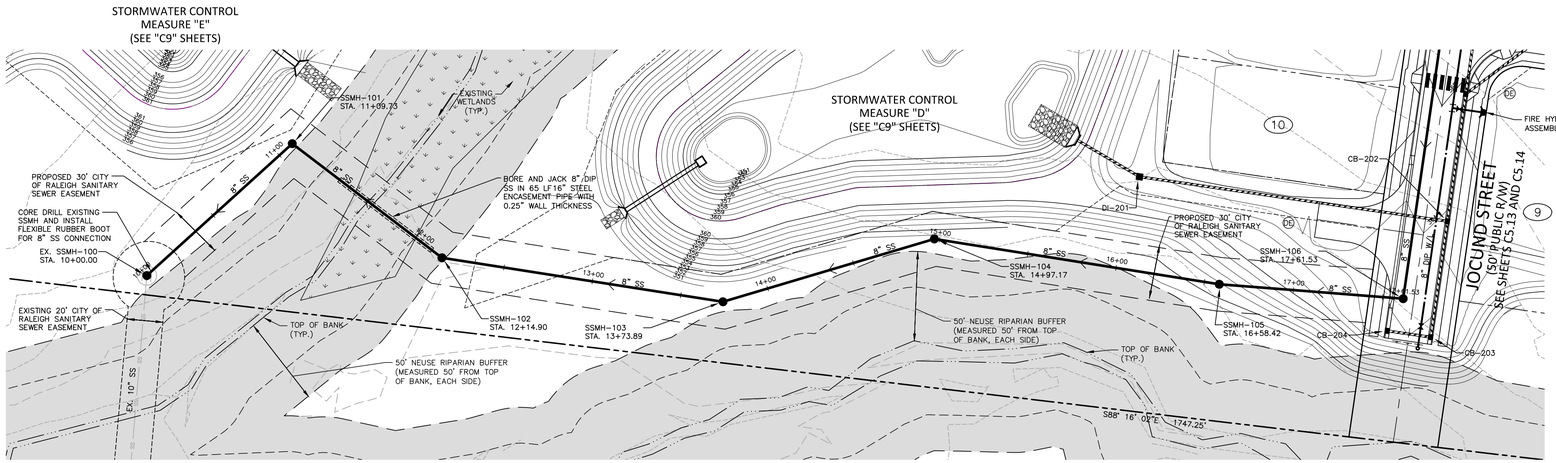
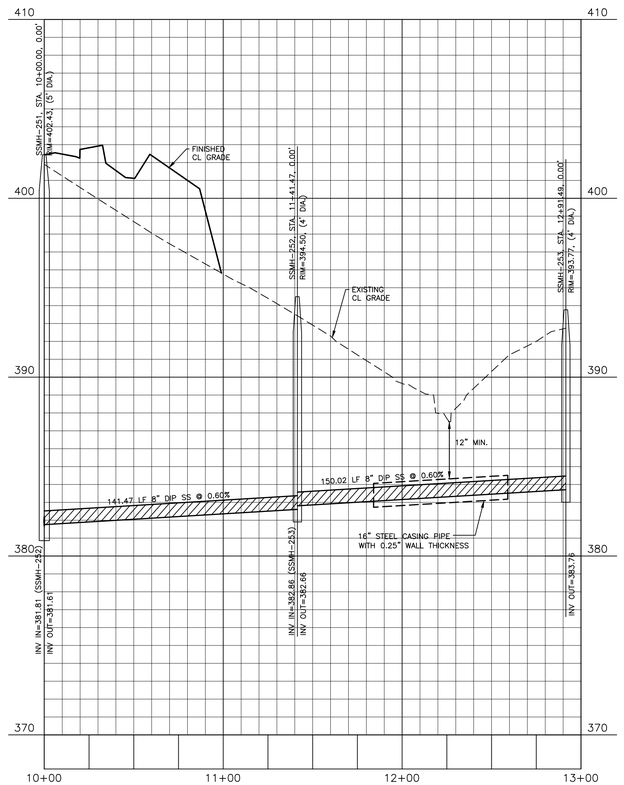




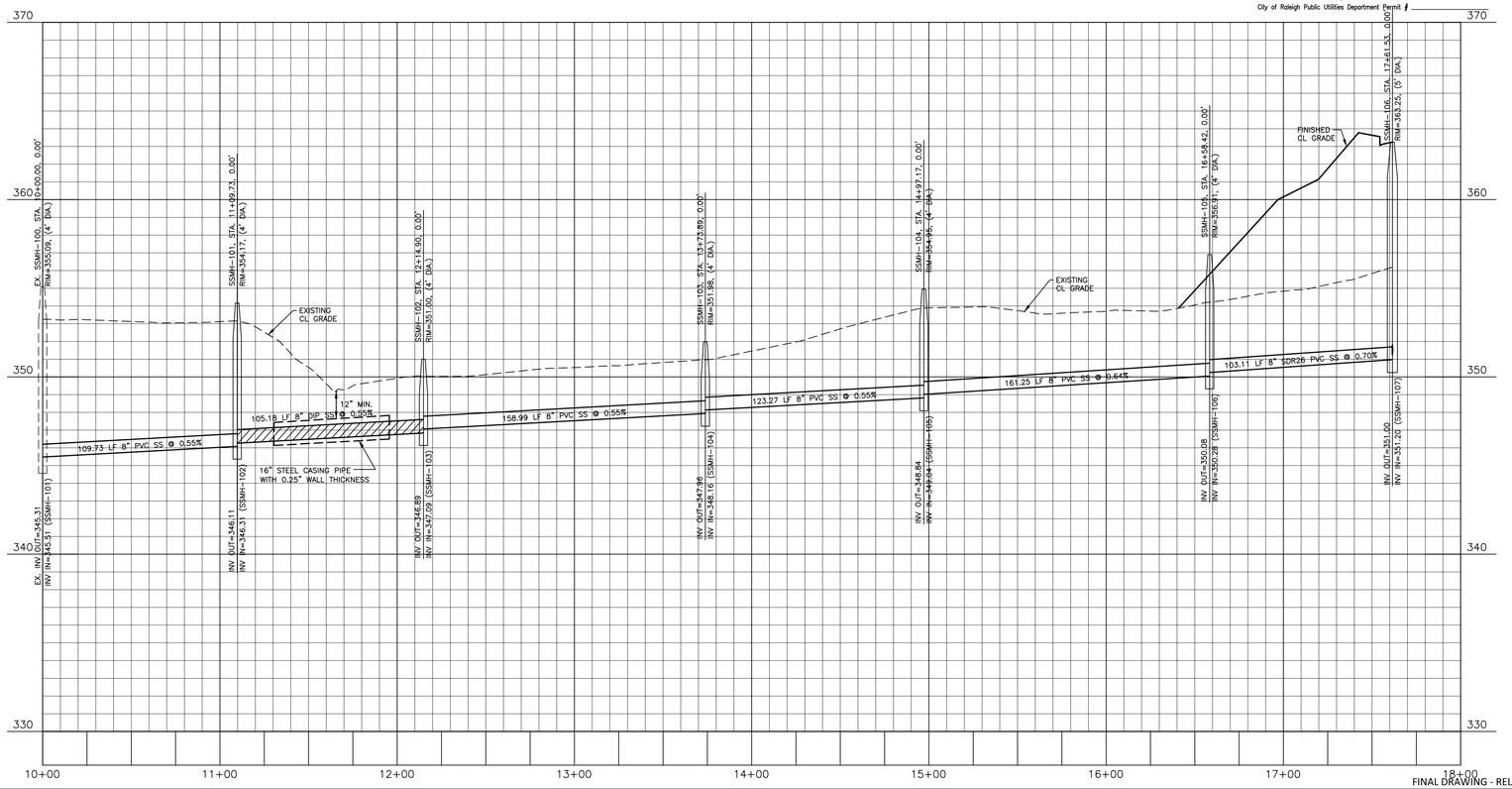
DE STORM DRAINAGE EASEMENT

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

SANITARY SEWER OUTFALL "A"



SANITARY SEWER OUTFALL "B"



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Todd O'Daniel
Apr 19 2022 1:10 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P3
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
SS O/F "A", STA. 10+00 THRU STA. 13+00
SS O/F "B", STA. 10+00 THRU STA. 18+00

C5.20

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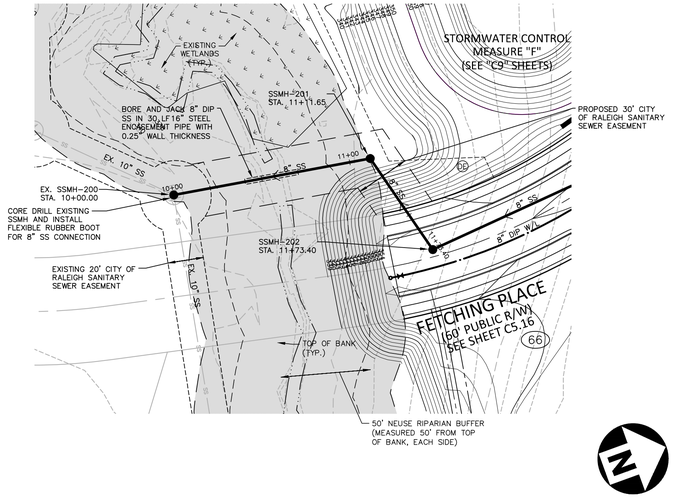
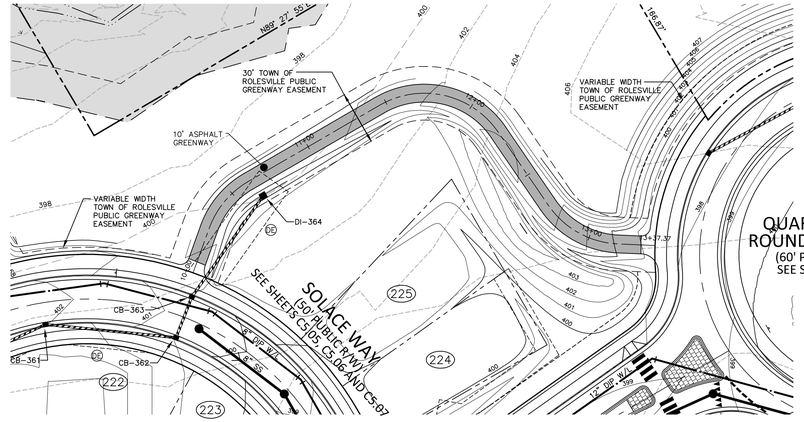
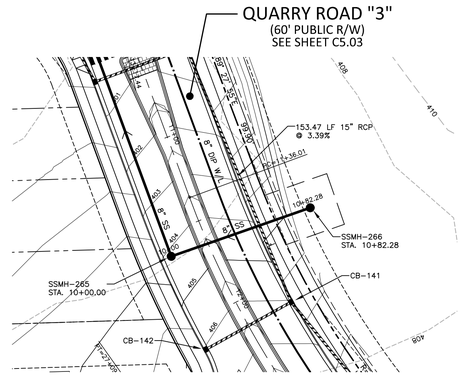
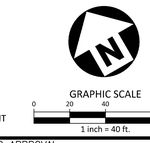


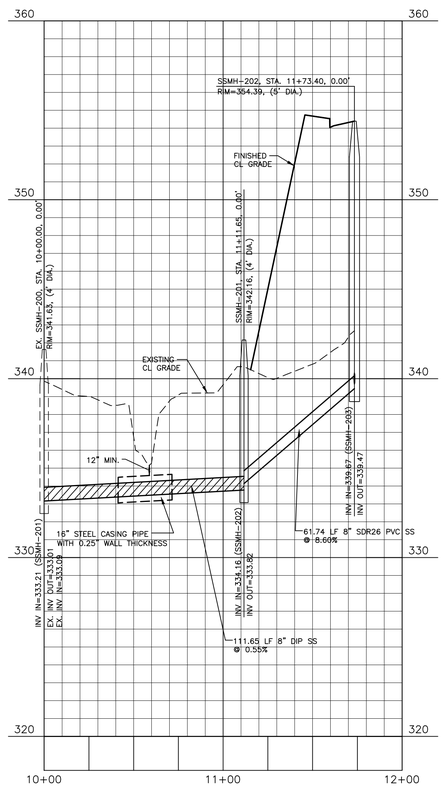




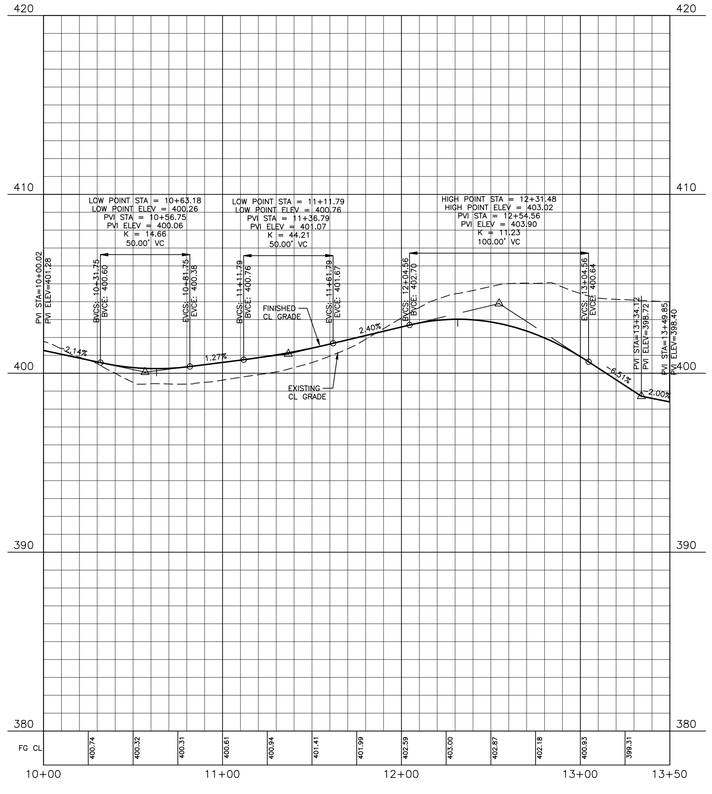


DE STORM DRAINAGE EASEMENT

SANITARY SEWER OUTFALL "C"



GREENWAY "4"

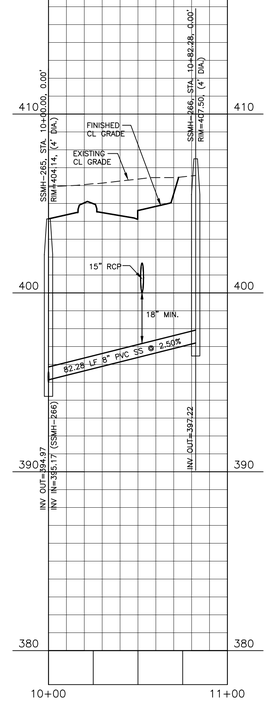


CITY OF RALEIGH – PLANS AUTHORIZED FOR CONSTRUCTION

Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval Timothy Beasley — City of Raleigh Review Officer

SS O/F "J"



SITE PERMITTING APPROVAL

Water and Sewer Permits (if applicable)

The City of Raleigh consents to the connection and extension of the City's Public Sewer System as shown on this plan. The material and Construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # S-5043

The City of Raleigh consents to the connection and extension of the City's Public Water System as shown on this plan. The material and Construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # W-3927

The City of Raleigh consents to the connection to its public sewer system and extension of the private sewer collection system as shown on this plan. The material and constructions methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook.

City of Raleigh Public Utilities Department Permit # _____

FINAL DRAWING - RELEASED FOR CONSTRUCTION

McADAMS

The John R. McAdams Company, Inc.
2905 Meridian Parkway
Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

CLIENT
ASHTON RALEIGH RESIDENTIAL, LLC.
5711 SIX FORKS ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
PHONE: 919. 232. 3695
CONTACT: BOB MISHLER

ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 19 2022 1:10 PM

DocuSigned

THE POINT - PHASES 1, 2, 6 AND 9

CONSTRUCTION DRAWINGS - PACKAGE 1

TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P3
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
SS O/F "C", STA. 10+00 THRU STA. 12+00
GREENWAY "4", STA. 10+00 THRU STA. 13+50
SS O/F "J", STA. 10+00 THRU STA. 11+00

C5.21

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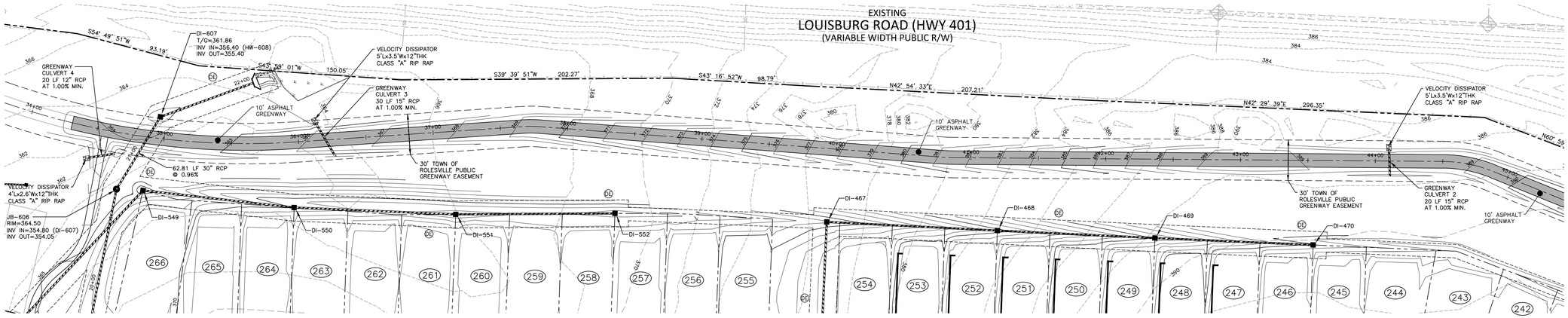
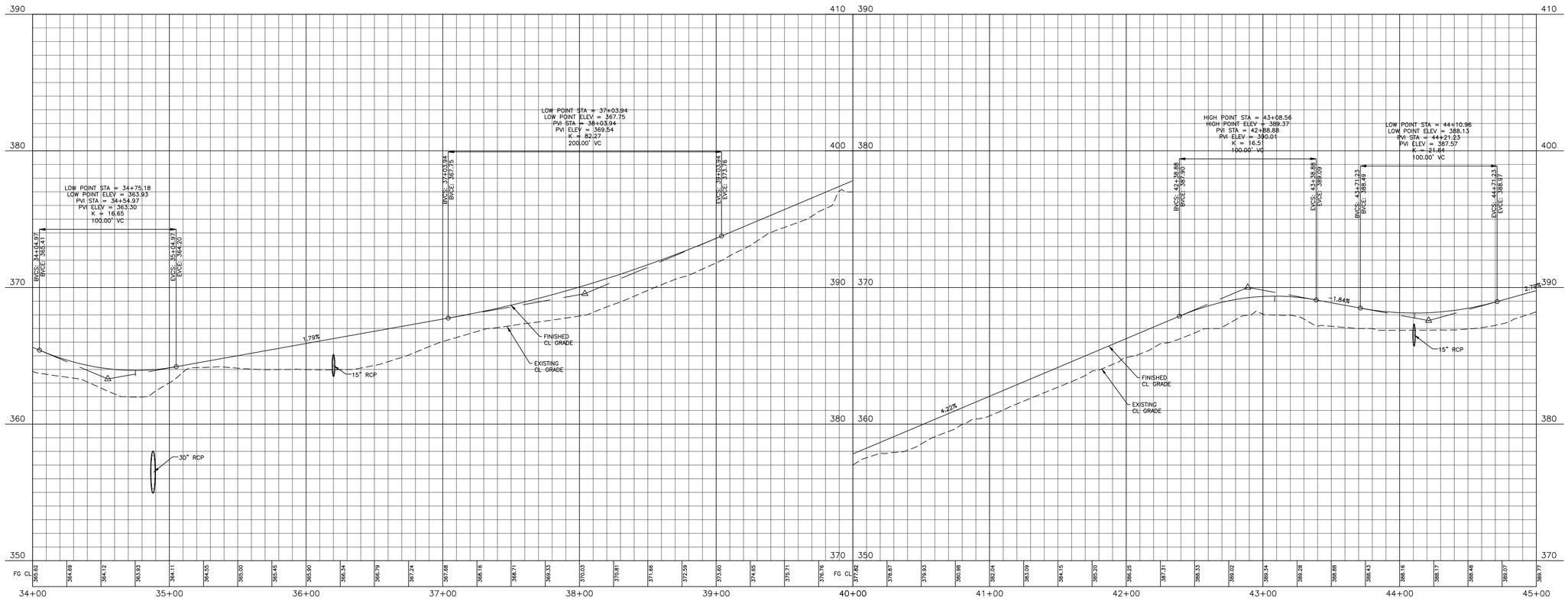


GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

(DE) STORM DRAINAGE EASEMENT

GREENWAY "3"



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ASHTON WOODS

REVISIONS
NO. DATE

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Apr 6 2022 2:38 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-P3
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
GREENWAY "3", STA. 34+00 THRU STA. 45+00

C5.22

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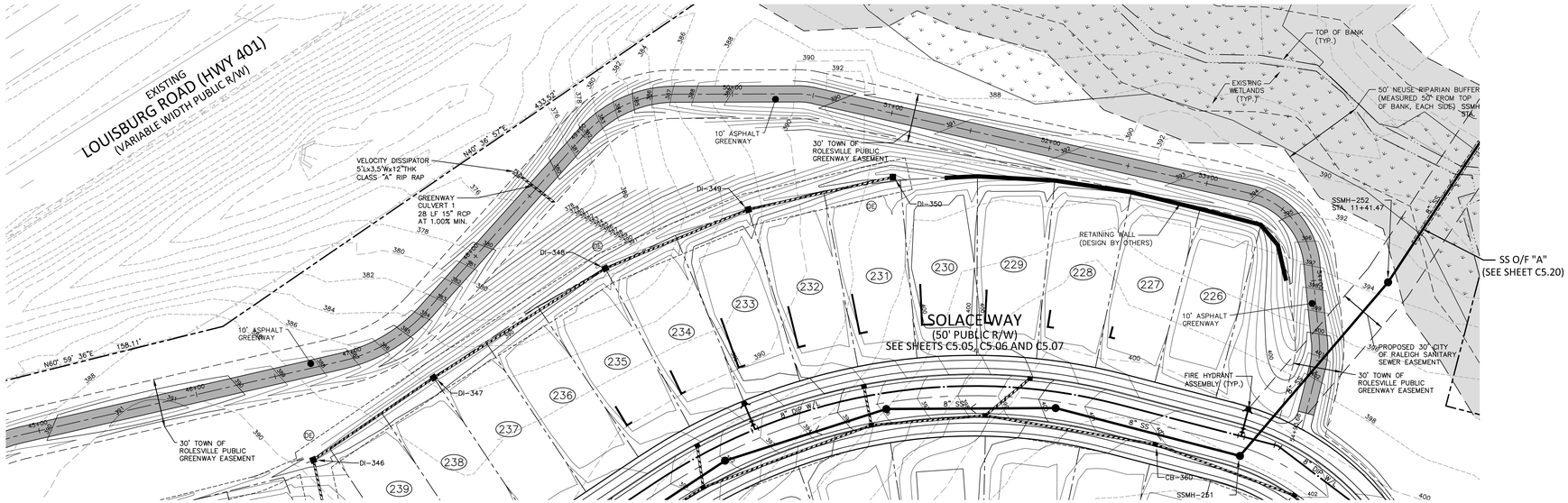
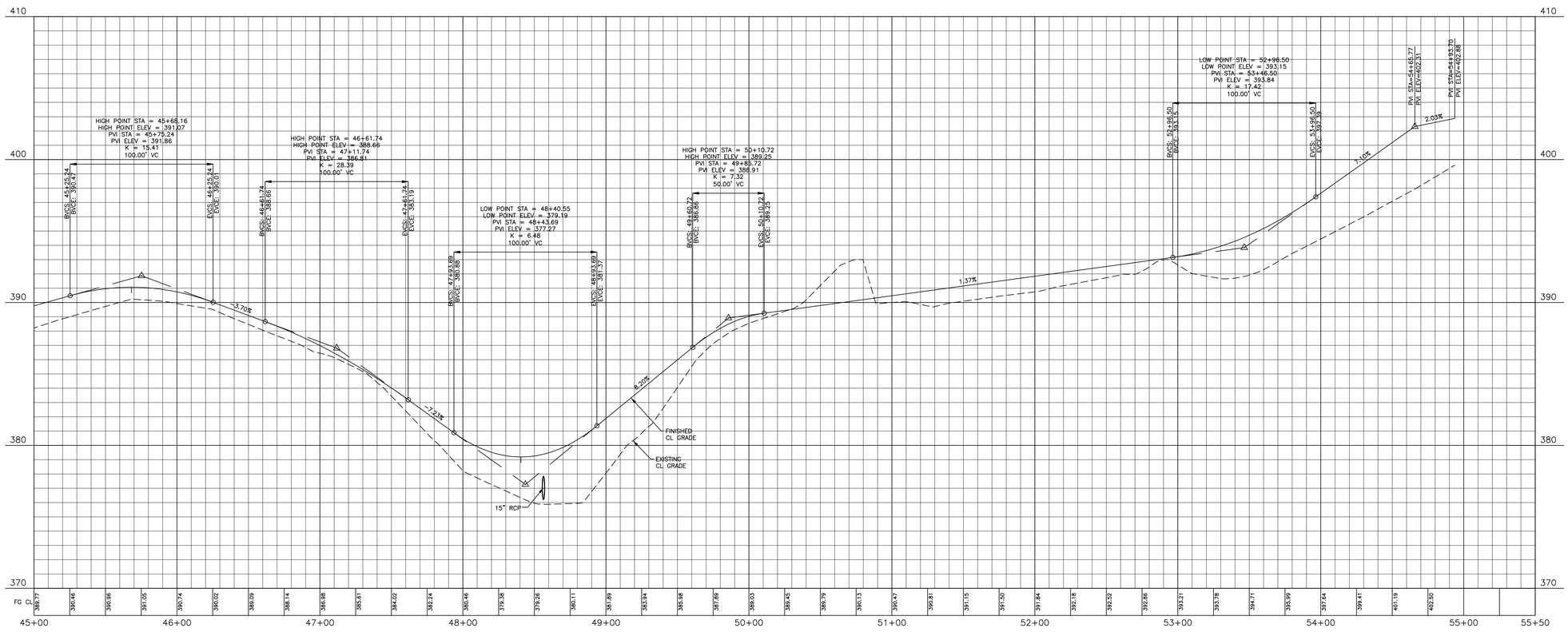


GREENWAY "3"



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Todd O'Daniel
Apr 6 2022 2:38 PM
DocuSign

THE POINT - PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

PLAN INFORMATION

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FILENAME	AWH20000-CD-PKG-01-P3
CHECKED BY	WTO
DRAWN BY	SRW
SCALE	1"=40'/1"=4'
DATE	03. 21. 2022

PLAN AND PROFILE
GREENWAY "3", STA. 45+00 THRU STA. 55+50

C5.23

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EROSION CONTROL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST TOWN OF WENDELL AND WAKE COUNTY STANDARDS, SPECIFICATIONS AND DETAILS.
2. GRADING AND EROSION CONTROL METHODS SHALL ADHERE TO THE WAKE COUNTY SOIL AND EROSION CONTROL STANDARDS AND SPECIFICATIONS.
3. GRADING AND EROSION CONTROL METHODS SHALL ADHERE TO THE NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES DIVISION OF WATER QUALITY (DWQ) STANDARDS AND SPECIFICATIONS. WHERE DIFFERENT FROM WAKE COUNTY STANDARDS, THE MORE STRINGENT METHOD SHALL BE APPLIED.
4. FAILURE TO FOLLOW THE APPROVED PLAN SEQUENCE AND DETAILS COULD SUBJECT THE CONTRACTOR TO FINES AND PENALTIES ISSUED BY EITHER THE COUNTY EROSION CONTROL DEPARTMENT OR THE DWQ.
5. CONTRACTOR SHALL SEED AND STABILIZE ALL STEEP SLOPES (GREATER THAN 2H:1V) WITHIN 7 DAYS, 10 DAYS FOR MODERATE SLOPES (3H:1V OR GREATER) AND WITHIN 14 CALENDAR DAYS EVERYWHERE ELSE (STATE LAW 2009-486).
6. FOR ANY LAND-DISTURBING ACTIVITY WHERE GRADING ACTIVITIES HAVE BEEN COMPLETED, TEMPORARY OR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION SHALL BE PROVIDED AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN SEVEN (7) DAYS AFTER COMPLETING THE WORK. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE ON THE PLAN.
7. NO DEBRIS SHALL BE TRACKED ONTO PUBLIC RIGHT OF WAY. IF THE SITUATION OCCURS WHERE MUD, ROCK AND DEBRIS IS TRACKED ONTO PAVEMENT, THE CONTRACTOR SHALL CLEAN THE PAVEMENT AND INSTALL ADDITIONAL MEASURES TO PREVENT THE FUTURE OCCURRENCE.
8. THE EROSION CONTROL INSPECTOR MAY REQUIRE ADDITIONAL FIELD MEASURES AS NECESSARY TO PROVIDE ADEQUATE PROTECTION FROM RECEIVING WATER COURSES.
9. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. THE CONTRACTOR SHALL CALL FOR AN INSPECTION BY WAKE COUNTY SEDIMENTATION AND EROSION CONTROL (SEC) ONCE INITIAL MEASURES ARE IN PLACE. (SEE CONSTRUCTION SEQUENCE)
10. CONTRACTOR SHALL INSPECT ALL SEDIMENT /EROSION CONTROL DEVICES AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE.
11. A COPY OF THE APPROVED EROSION CONTROL PLAN MUST BE ON FILE AT THE JOB SITE AT ALL TIMES.
12. CONSTRUCTION, MAINTENANCE, AND REMOVAL OF ALL EROSION CONTROL DEVICES ARE THE RESPONSIBILITY OF THE GRADING CONTRACTOR UNLESS OTHERWISE NOTED.
13. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
14. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE CITY/COUNTY ENGINEERING DEPARTMENT AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
15. PROTECTION OF EXISTING VEGETATION: AT THE START OF GRADING INVOLVING THE STRIPPING OF TOPSOIL OR LOWERING OF EXISTING GRADE AROUND A TREE, A CLEAN, SHARP, VERTICAL CUT SHALL BE MADE AT THE EDGE OF THE TREE SAVE AREA AT THE SAME TIME AS OTHER EROSION CONTROL MEASURES ARE INSTALLED. THE TREE PROTECTION FENCING SHALL BE INSTALLED ON THE SIDE OF THE CUT FARTHEST AWAY FROM THE TREE TRUNK AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE. NO STORAGE OF MATERIALS, FILL, OR EQUIPMENT AND NO TRESPASSING SHALL BE ALLOWED WITHIN THE BOUNDARY OF THE PROTECTED AREA AND SHALL BE POSTED ON THE PROTECTION FENCE. A PROTECTION FENCE CONSTRUCTED OF MATERIAL RESISTANT TO DEGRADATION BY SUN, WIND, AND MOISTURE FOR THE DURATION OF THE CONSTRUCTION, SHALL BE INSTALLED AT THE SAME TIME AS THE EROSION CONTROL MEASURES AND SHALL BE IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE.
16. A CONSTRUCTION SEQUENCE HAS BEEN PROVIDED. INSTALLATION OF ALL PROPOSED SEDIMENTATION & EROSION CONTROL MEASURES IN THE SEQUENCE(S) PROVIDED AND MAINTENANCE OF THOSE DEVICES IS REQUIRED. THE CONTRACTOR MAY BE ALLOWED, WITH PRIOR APPROVAL FROM THE OWNER, TO COORDINATE CHANGES TO THE PLAN WITH THE ON-SITE SEDIMENTATION & EROSION CONTROL INSPECTOR AND THE ENGINEER.
17. PROVIDE INLET PROTECTION AROUND ALL SITE STORM INLETS. PROTECT OPEN PIPES UNDER CONSTRUCTION WITH EITHER PLYWOOD OR WITH MESH AND GRAVEL WEIRS. RUNOFF SHALL NOT BE ALLOWED IN ANY OPEN TRENCH.
18. CONTRACTOR WILL FIELD LOCATE SILT FENCE OUTLETS AT LOW POINTS IN SILT FENCE AS REQUIRED TO PROVIDE RELIEF FROM CONCENTRATED FLOWS.
19. TEMPORARY DIVERSIONS SHALL BE MAINTAINED DAILY BY CONTRACTOR SO THAT THEY ARE FUNCTIONAL AT THE END OF EACH WORKDAY AND WHEN STOPPING WORK FOR RAIN.
20. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
21. DISTURBANCE OUTSIDE OF THE SITE PROPERTY LIMITS OR PUBLIC RIGHT-OF-WAY SHALL ONLY BE AS ALLOWED BY SIGNED GRADING AGREEMENTS AND/OR EASEMENTS BETWEEN THE DEVELOPER AND THE OFFSITE PROPERTY OWNER.
22. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SAFE OPEN ACCESS TO ALL PROPERTIES ALONG ADJACENT PROPERTIES DURING CONSTRUCTION PERIOD FOR IMPROVEMENTS.
23. STORM DRAINAGE STRUCTURE LOCATIONS AND PIPE SIZES SUBJECT TO FINAL CONSTRUCTION DRAWING APPROVAL.

CONSTRUCTION SEQUENCE - STAGE 1:

1. OBTAIN GRADING PERMIT FROM THE WAKE COUNTY ENVIRONMENTAL SERVICES DEPARTMENT.
2. CALL ENVIRONMENTAL CONSULTANT JEEVAN NEUPANE, PE (919-819-8907) TO SCHEDULE A PRE-CONSTRUCTION MEETING. NOTIFY OWNER AND ENGINEER WHEN PRECON IS SCHEDULED SO THEY MAY ALSO ATTEND.
3. CONTRACTOR WILL BE REQUIRED TO SUBMIT SITE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY (NCG010000) TO WAKE COUNTY INSPECTIONS THROUGHOUT THE PROJECT.
4. INSTALL THE FOLLOWING EROSION AND SEDIMENTATION CONTROL DEVICES PER THE APPROVED PLAN IN THE FOLLOWING ORDER:
   a. GRAVEL CONSTRUCTION ENTRANCES AND TEMPORARY ACCESS ROADS.
   b. TREE PROTECTION FENCE
   c. SILT FENCING SURROUNDING SITE WITH SILT FENCE OUTLETS.
   d. INLET PROTECTION FOR EXISTING INLETS WITHIN ROADWAYS.
   e. SKIMMER BASINS WITH POROUS BAFFLES AND OUTLET PROTECTION.
   f. TEMPORARY DIVERSION DITCHES WITH SPECIFIED LINERS.
   g. RETAINING WALL AT SEDIMENT BASIN SB-1.
   h. STORM DRAINAGE BY-PASS SYSTEM "600" FROM EW-600 AT ON-SITE STREAM BUFFER TO HW-608 NEAR NC HWY 401.
5. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES.
6. CLEAR AND GRUB AREA FOR FUTURE CONSTRUCTION. CONTRACTOR TO COORDINATE WITH DEVELOPER TO OBTAIN NECESSARY OFFSITE EASEMENTS.
7. WHEN STAGE 1 CONSTRUCTION IS COMPLETE, CALL WAKE COUNTY ENVIRONMENTAL SERVICES FOR INSPECTION. PROCEED TO STAGE 2.
8. MAINTAIN DEVICES AS NEEDED IN ACCORDANCE WITH THE NOTES ON THIS SHEET.
9. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 14 DAYS OF INACTIVITY.
10. CONTRACTOR SHALL INSPECT AND REPAIR ALL EROSION CONTROL DEVICES ONCE PER WEEK AND AFTER EVERY RAINFALL EVENT. GRADING ACTIVITY SHALL BE PROHIBITED IN THE AREAS OF THE SEDIMENT CONTROL DEVICES UNTIL THE AREAS UPSTREAM OF THESE DEVICES HAVE BEEN STABILIZED AND APPROVED.

CONSTRUCTION SEQUENCE - STAGE 2:

1. BEGIN MASS GRADING OF SITE. AS AREAS ARE BROUGHT UP TO PROPOSED GRADE, STABILIZE SITE WITH VEGETATION. ADJUST DIVERSION DITCHES AS NECESSARY TO MAINTAIN FLOW TO SKIMMER BASINS.
2. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE IN DIVERSION DITCHES AND TO SEDIMENT BASINS AT ALL TIMES THROUGHOUT CONSTRUCTION.
3. SUBMIT DOCUMENTATION REQUIRED UNDER THE SITE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY (NCG010000) TO WAKE COUNTY THROUGHOUT THE PROJECT.
4. ALL OFF-SITE STREETS SHALL BE KEPT CLEAN AS NOTED IN EROSION CONTROL NOTES DURING HAUL OFF OF EXCAVATED MATERIAL.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 14 DAYS OF INACTIVITY.
6. PRIOR TO THE REMOVAL, REDUCTION OR CONVERSION OF ANY SEDIMENT BASIN, THE CONTRACTOR IS TO CONTACT THE WAKE COUNTY ENVIRONMENTAL CONSULTANT JEEVAN NEUPANE, PE (919-819-8907).

EROSION CONTROL MAINTENANCE PLAN

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BY THE SITE CONTRACTOR FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL MEASURES AS DESIGNED.
2. THE SEDIMENT BASINS SHALL BE INSPECTED REGULARLY DURING LAND DISTURBING ACTIVITIES AND AFTER EACH RUNOFF-PRODUCING RAINFALL. SEDIMENT SHALL BE REMOVED AND THE BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF EACH BASIN. PORTIONS OF THE BASIN'S GRAVEL FACING THAT ARE CONTAMINATED BY SEDIMENT SHALL BE REPLACED WITH FRESH GRAVEL DURING EACH SEDIMENT REMOVAL EPISODE.
3. SEDIMENT FENCES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED AS NEEDED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAINFALL EVENT, AND TO REDUCE PRESSURE ON THE FENCE. FENCING MATERIALS AND SEDIMENT DEPOSITS SHALL BE REMOVED, AND THE AREA BROUGHT TO GRADE FOLLOWING STABILIZATION OF UPGRADIENT DISTURBED AREAS.
4. DIVERSION DITCHES MUST REMAIN IN PLACE UNTIL PROJECT IS STABILIZED. PERMISSION SHALL BE GIVEN BY THE EROSION CONTROL INSPECTOR FOR REMOVAL UPON COMPLETION OF PERMANENT UPSTREAM STABILIZATION.

STOCKPILE NOTES

DESIGN CRITERIA

A. STOCKPILE FOOTPRINTS SHALL BE SETBACK A MINIMUM OF 25' FROM ADJACENT PROPERTY LINES.
B. STOCKPILE HEIGHT SHALL NOT EXCEED 35 FEET.
C. STOCKPILE SLOPES SHALL BE 2:1 OR FLATTER.
D. OFF-SITE SPOIL OR BORROW AREAS MUST BE IN COMPLIANCE WITH WAKE COUNTY UDO AND STATE REGULATIONS. ALL SPOIL AREAS OVER AN ACRE ARE REQUIRED TO HAVE AN APPROVED SEDIMENT CONTROL PLAN. DEVELOPER/CONTRACTOR SHALL NOTIFY WAKE COUNTY OF ANY OFFSITE DISPOSAL OF SOIL, PRIOR TO DISPOSAL. FILL OF FEMA FLOODWAYS AND NON-ENCROACHMENT AREAS ARE PROHIBITED EXCEPT AS OTHERWISE PROVIDED BY SUBSECTION 14-19-2 OF THE WAKE COUNTY UNIFIED DEVELOPMENT ORDINANCE (CERTIFICATIONS AND PERMITS REQUIRED).
E. SEEDING OR COVERING STOCKPILES WITH TARPS OR MULCH IS REQUIRED AND WILL REDUCE EROSION PROBLEMS. TARPS SHOULD BE KEYED IN AT THE TOP OF THE SLOPE TO KEEP WATER FROM RUNNING UNDERNEATH THE PLASTIC.
F. IF A STOCKPILE IS TO REMAIN FOR FUTURE USE AFTER THE PROJECT IS COMPLETE (BUILDERS, ETC.), THE FINANCIAL RESPONSIBLE PARTY MUST NOTIFY WAKE COUNTY OF A NEW RESPONSIBLE PARTY FOR THAT STOCKPILE.
G. THE USE OF STAGED SEEDING AND MULCHING ON A CONTINUAL BASIS WHILE THE STOCKPILE IS IN USE IS REQUIRED.
H. ESTABLISH AND MAINTAIN A VEGETATIVE BUFFER AT THE TOE OF THE SLOPE (WHERE PRACTICAL).
I. STOCKPILE MUST HAVE SILT FENCE WRAPPED AROUND THE LOW SIDE(S) AND A SILT FENCE OUTLET AT ALL LOW POINTS.

BASIN REMOVAL SEQUENCE

1. SCHEDULE A SITE MEETING WITH THE ENVIRONMENTAL ENGINEER/CONSULTANT TO DETERMINE IF A BASIN CAN BE REMOVED. INSTALL SILT FENCING OR OTHER TEMPORARY EROSION CONTROL MEASURES AS NEEDED PRIOR TO REMOVAL OF THE BASIN.
2. REMOVE BASIN(S) AND ASSOCIATED TEMPORARY DIVERSION DITCHES. IF CULVERT PIPES NEED TO BE EXTENDED, PERFORM THIS OPERATION AT THIS TIME. FINE GRADE AREA IN PREPARATION FOR SEEDING.
3. PERFORM SEEDBED PREPARATION, SEED, MULCH AND ASPHALT TACK ANY RESULTING BARE AREAS IMMEDIATELY.
4. INSTALL VELOCITY DISSIPATORS AND/OR LEVEL SPREADERS AS REQUIRED ON THE EROSION CONTROL PLAN.
5. WHEN SITE IS FULLY STABILIZED, CALL ENVIRONMENTAL ENGINEER/CONSULTANT FOR APPROVAL OF REMOVING REMAINING TEMPORARY EROSION CONTROL MEASURES AND ADVICE ON WHEN SITE CAN BE ISSUED A CERTIFICATE OF COMPLETION.

NOTE: A MEETING SHOULD ALSO BE SCHEDULED WITH THE ENVIRONMENTAL ENGINEER/CONSULTANT TO DETERMINE WHEN A BASIN MAY BE CONVERTED FOR STORMWATER USE. SOME MUNICIPALITIES MAY ALSO REQUIRE THIS.

TEMPORARY DIVERSION DITCH DESIGN TABLE

TEMPORARY DIVERSION ID	TD-1	TD-2	TD-3	TD-4	TD-5	TD-6	TD-7	TD-8	TD-9	TD-10	TD-11	TD-12	TD-13	TD-14	TD-15
MINIMUM DEPTH (FT)	1.11	0.53	0.58	0.81	0.79	1.15	1.03	0.80	1.20	1.14	0.71	1.37	1.0	1.19	0.70
MINIMUM BOTTOM WIDTH (FT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALCULATED VELOCITY	9.27	1.10	6.06	6.91	2.12	3.33	3.11	6.96	6.89	2.47	2.25	3.18	2.52	3.21	1.74
ALLOWABLE VELOCITY	10.5	5.0	10.0	10.0	5.0	5.0	5.0	10.0	9.0	5.00	5.00	5.0	5.0	5.0	5.0
CALCULATED SHEAR STRESS	5.33	0.33	1.63	1.57	0.96	1.29	1.35	1.60	2.49	0.71	1.09	0.85	0.94	1.19	0.66
ALLOWABLE SHEAR STRESS	10.0	1.55	2.25	2.25	1.55	1.55	1.55	2.25	8.00	1.55	1.55	1.55	1.55	1.55	1.55
TEMPORARY LINER SPECIFICATION*	VMAX C350	ERONET S75	ERONET S75	ERONET C125	ERONET C125	ERONET S75	ERONET S75	ERONET C125	ERONET P300	ERONET S75	ERONET S75	ERONET SC150	ERONET SC150	ERONET SC150	ERONET SC150

* ALL SPECIFICATIONS ARE NORTH AMERICAN GREEN ROLLMAX PRODUCTS OR EQUAL

SEDIMENT TRAP DESIGN TABLE

SEDIMENT TRAP ID	SB-1	SB-2	SB-3	SB-A	SB-C	SB-D	SB-E	SB-F
Q10 (CFS)	34.5 cfs	36.1 cfs	22.5 cfs	35.1 cfs	42.0 cfs	57.7 cfs	31.7 cfs	26.2 cfs
Bottom Length	162 ft	164 ft	129 ft	N/A	N/A	N/A	N/A	N/A
Bottom Width	81 ft	84 ft	64 ft	N/A	N/A	N/A	N/A	N/A
Sediment Depth	2.0 ft	2.0 ft	2.0 ft	3.8 ft	4.0 ft	4.0 ft	4.0 ft	3.5 ft
Freeboard (from Sediment Depth)	1.5 ft	1.5 ft	1.5 ft	2.3 ft	2.0 ft	2.0 ft	3.5 ft	2.0 ft
Depth to Crest of Spillway	2.0 ft	2.0 ft	2.0 ft	2.0 ft	4.0 ft	4.0 ft	4.0 ft	3.5 ft
Side Slopes1	2.0H:1V	2.0H:1V	2.0H:1V	3.0H:1V	3.0H:1V	3.0H:1V	3.0H:1V	3.0H:1V
Spillway Length	12 ft	15 ft	15 ft	16 ft	20 ft	16 ft	16 ft	24 ft
Height of Berm	4 ft	4 ft	4 ft	6 ft	6 ft	6 ft	6 ft	6 ft
Top of Trap Length	176 ft	178 ft	143 ft	N/A	N/A	N/A	N/A	N/A
Top of Trap Width	95 ft	98 ft	78 ft	N/A	N/A	N/A	N/A	N/A
Storage Volume Required	14328 cf	15282 cf	9360 cf	16164 cf	20934 cf	34884 cf	15822 cf	11394 cf
Storage Volume Prov'd.	28230 cf	29570 cf	18090 cf	49130 cf	62660 cf	87680 cf	116590 cf	68650 cf
Sediment Surface Area Req'd	15000 sf	15720 sf	9800 sf	15250 sf	18270 sf	25120 sf	13810 sf	11390 sf
Sediment Surface Area Prov'd	15130 sf	15820 sf	9860 sf	15970 sf	18760 sf	25620 sf	34740 sf	22660 sf
Drainage Area (AC.)	7.96 ac	8.49 ac	5.20 ac	8.98 ac	11.63 ac	19.38 ac	8.79 ac	6.33 ac
Disturbed Area (AC.)	7.96 ac	8.49 ac	5.20 ac	8.98 ac	11.63 ac	19.38 ac	8.79 ac	6.33 ac

Trap ID	Drawdown	Skimmer Type(s)
SB-1	3 DAYS	1 – 2.5 inch Skimmers with a(n) 2.25 inch orifice
SB-2	3 DAYS	1 – 2.5 inch Skimmers with a(n) 2.5 inch orifice
SB-3	3 DAYS	1 – 2.0 inch Skimmers with a(n) 2.0 inch orifice
SB-A	3 DAYS	1 – 2.5 inch Skimmers with a(n) 2.5 inch orifice
SB-C	3 DAYS	1 – 3.0 inch Skimmers with a(n) 2.75 inch orifice
SB-D	3 DAYS	1 – 4.0 inch Skimmers with a(n) 3.25 inch orifice
SB-E	3 DAYS	1 – 2.5 inch Skimmers with a(n) 2.5 inch orifice
SB-F	3 DAYS	1 – 2.0 inch Skimmers with a(n) 1.75 inch orifice

Notes:
1. Side slopes pertain only for the vertical height from the base to the top of berm, 2H:1V above that.
2. See details regarding skimmer design specifications
3. See details on silt fence baffle spacing.

SEEDING AND MULCHING

SEEDING AND MULCHING SHALL BE CARRIED OUT IMMEDIATELY BEHIND CONSTRUCTION IN ACCORDANCE WITH FOLLOWING SPECIFICATIONS.

SEEDING SPECIFICATIONS			
SHOULDER, SIDE DITCHES, SLOPES (MAX 3:1)			
SEEDING PERIOD	TYPE	APPLICATION RATE	
		PER ACRE	PER 1000 SF
AUGUST 15 - NOVEMBER 1	TALL FESCUE	300#	7#
NOVEMBER 1 - MARCH 1	TALL FESCUE AND	300#	7#
	ABRUZZI RYE	25#	0.6#
MARCH 1 - APRIL 15	TALL FESCUE	300#	7#
APRIL 15 - JUNE 30	HULLED COMMON BERMUDAGRASS	25#	0.6#
JULY 1 - AUGUST 15	TALL FESCUE AND	120#	2.8#
	*BROWNTOP MILLET	35#	0.8#
	*OR SORHGUM-SUDAN HYBRIDS	30#	0.7#

SEEDING SPECIFICATIONS			
SLOPES (3:1 TO 2:1)			
SEEDING PERIOD	TYPE	APPLICATION RATE	
		PER ACRE	PER 1000 SF
MARCH 1 - JUNE 1	SERICEA LESPEDEZA (SCARIFIED)	50#	1.2#
	AND		
MARCH 1 - APRIL 15	ADD TALL FESCUE	120#	2.8#
MARCH 1 - JUNE 30	OR ADD WEEPING LOVE GRASS	10#	0.2#
MARCH 1 - JUNE 30	OR ADD HULLED COMMON BERMUDAGRASS	25#	0.6#
JUNE 1 - SEPTEMBER 1	*TALL FESCUE AND	120#	2.8#
	*OR BROWNTOP MILLET	35#	0.8#
	*OR SORGHUM-SUDAN HYBRIDS	30#	0.7#
SEPTEMBER 1 - MARCH 1	SERICEA LESPEDEZA (UNHULLED, UNSCARIFIED)	70#	1.6#
	AND TALL FESCUE	120#	2.8#
NOVEMBER 1 - MARCH 1	ADD ABRUZZI RYE	25#	0.6#

*TEMPORARY - RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW TO MORE THAN 12 INCHES HEIGHT BEFORE MOWING, OTHERWISE FESCUE MAY BE SHADED OUT.

CONSULT WAKE SOIL AND WATER CONSERVATION DISTRICT OR NORTH CAROLINA DIVISION OF SOIL AND WATER CONSERVATION FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE THAT DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

SEEDBED PREPARATION

1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS,IF AVAILABLE.
2. RIP THE ENTIRE AREA TO 6-INCH DEPTH.
3. REMOVE ALL LOOSE ROCK, ROOTS AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLE SMOOTH AND UNIFORM.
4. APPLY AGRICULTURAL LIME, FERTILIZER AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW).
5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLE UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60 PERCENT DAMAGED, RE-ESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
9. CONSULT WAKE SOIL AND WATER CONSERVATION DISTRICT ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

* APPLY:
- AGRICULTURAL LIMESTONE - 2 TONS/ACRE (3/TONS/ACRES IN CLAY SOILS)
- FERTILIZER - 1000 LB/ACRE -10-10-10
- SUPERPHOSPHATE - 500 LB/ACRE - 20 PERCENT ANALYSIS
- MULCH - 2 TONS/ACRE - SMALL GRAIN STRAW
- ANCHOR - ASPHALT EMULSION @ 300 GALS/ACRE

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

DISTURBED AREA = 80.36 AC.

ALL CONSTRUCTION SHALL CONFORM WITH THE LATEST VERSION OF THE TOWN OF ROLESVILLE AND WAKE COUNTY SPECIFICATIONS AND DETAILS.

CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

FINAL DRAWING - RELEASED FOR CONSTRUCTION

McADAMS
The John R. McAdams Company, Inc.
2905 Meridian Parkway
Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

CLIENT

ASHTON RALEIGH RESIDENTIAL, LLC.
5711 SIX FORKS ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
PHONE: 919. 232. 3695
CONTACT: BOB MISHLER

ASHTON WOODS

THE POINT
PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
EAST YOUNG STREET
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Mar 21 2022 8:54 AM

DocuSigned by:

REVISIONS

NO.	DATE

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-EC3
CHECKED BY	.
DRAWN BY	.
SCALE	N.T.S.
DATE	03. 21. 2022

SHEET

EROSION CONTROL NOTES
C6.00

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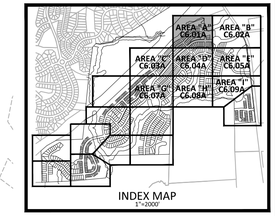
EROSION CONTROL LEGEND

- SILT FENCE OUTLET
- INLET PROTECTION
- TEMPORARY SLOPE DRAIN
- STONE CHECK DAM
- SF — SF — SF — SILT FENCE
- TP — TP — TP — TREE PROTECTION FENCE
- SF/TP — SF/TP — SILT FENCE AND TREE PROTECTION FENCE
- LD — LD — LIMITS OF DISTURBANCE
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT



EXISTING LOUISBURG ROAD (HWY 401) (VARIABLE WIDTH PUBLIC R/W)

EXISTING RIGHT-OF-WAY

OWNER: MITCHELL F RABIL FAMILY IRREVOCABLE TRUST
ELAM, PATRICIA ROBERTS
PIN: 1768179167
D.B.: 5695, PG. 745
ZONING: R1

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK)

EXISTING WETLANDS (TYP.)

EXISTING PROPERTY LINE

40' TYPE B LANDSCAPE BUFFER

TOP OF BANK (TYP.)

40'

OWNER: SHEARON, CAMERON EDWIN -SHEARON, BEVERLY W
PIN: 1768360873
REID: 0063658
D.B.: 017719, PG. 01847
LOT: 2
ZONING: R1-SUD

FUTURE COMMERCIAL DEVELOPMENT

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

TD-5
TEMPORARY DIVERSION DITCH/BERM

MAINTENANCE PAD
NOTE: WHEN CLEANING OUT BASIN, PLACE SILT BAG HERE FOR DISCHARGING SEDIMENT LADEN WATER.

VELOCITY DISSIPATOR
5'Wx5'Lx12"THK
CLASS "A" RIPRAP

12' WIDE SPILLWAY

SKIMMER DEVICE ON CLASS "A RIPRAP PAD. SEE SUMMARY TABLE SHEET C6.00

100' TYPE B LANDSCAPE BUFFER

TSD-5
TEMPORARY SLOPE DRAIN (TYP.)
8" DIAMETER HDPE

COIR BAFFLES (TYP.)

SB-3
(SEE SUMMARY TABLE, SHEET C6.00)

TSD-4
TEMPORARY SLOPE DRAIN (TYP.)
12" DIAMETER HDPE

TD-4
TEMPORARY DIVERSION DITCH/BERM

SILT FENCE (TYP.)

TD-3
TEMPORARY DIVERSION DITCH/BERM

TOP OF BANK (TYP.)

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK)

LIMITS OF DISTURBANCE (TYP.)

EXISTING PROPERTY LINE

40' TYPE B LANDSCAPE BUFFER

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

SEE SHEET C6.03A

SEE SHEET C6.02A

SEE SHEET C6.04A

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

FINAL DRAWING - RELEASED FOR CONSTRUCTION

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CLIENT

ASHTON RALEIGH RESIDENTIAL, LLC.
5711 SIX FORKS ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
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CONTACT: BOB MISHLER

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THE POINT
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EAST YOUNG STREET
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Mar 21 2022 8:54 AM

DocuSigned

REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-EC1
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'
DATE	03. 21. 2022

SHEET

EROSION CONTROL PLAN STAGE 1 AREA "A"

C6.01A

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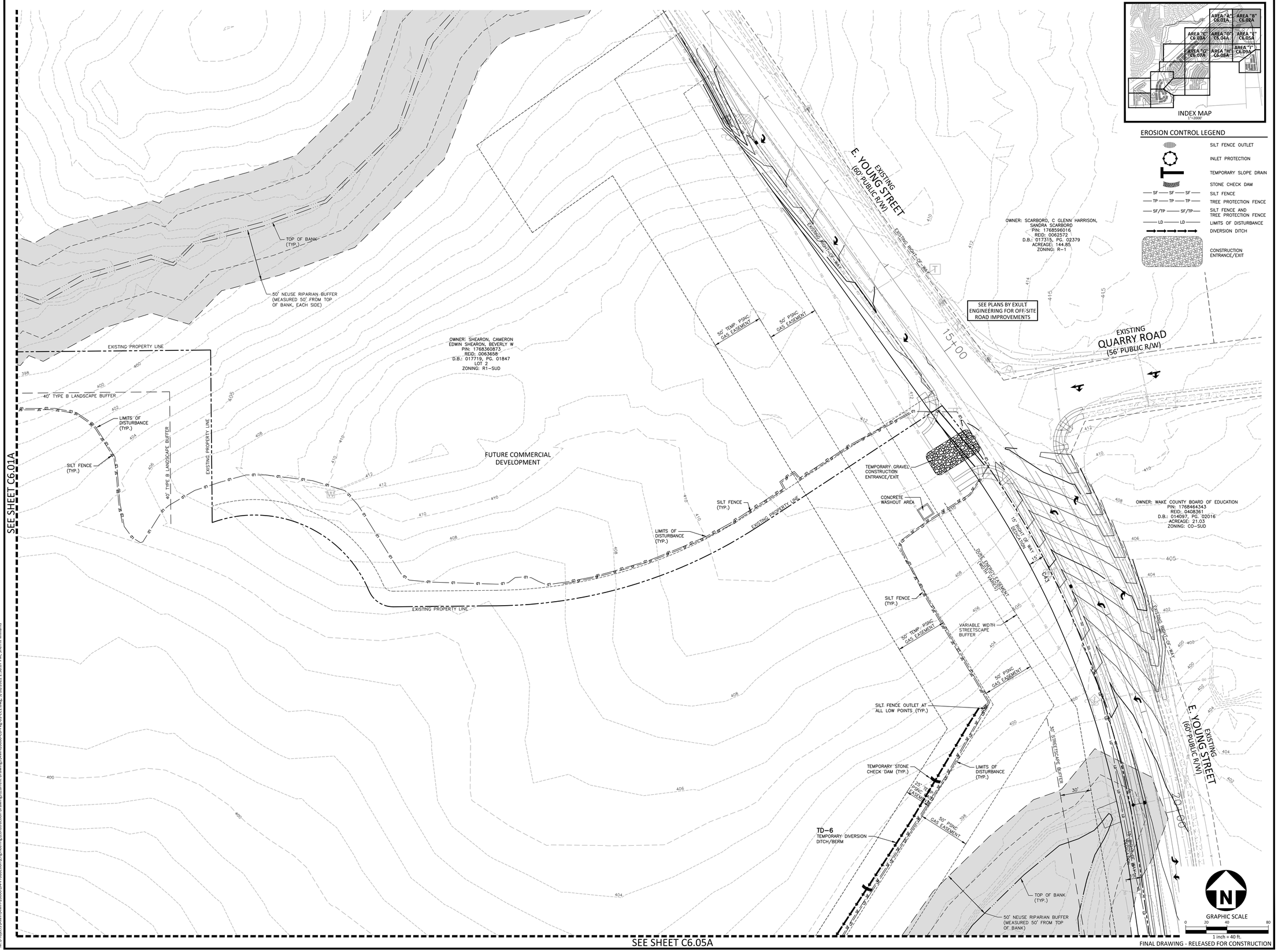

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TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T O'DANIEL

Todd O'Daniel
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PLAN INFORMATION

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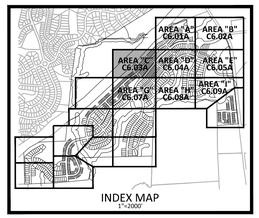
FILENAME	AWH20000-CD-PKG-01-EC1
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'
DATE	03. 21. 2022

SHEET

EROSION CONTROL PLAN STAGE 1 AREA "B"

C6.02A



INDEX MAP
1"=2000'

EROSION CONTROL LEGEND

- SILT FENCE OUTLET
- INLET PROTECTION
- TEMPORARY SLOPE DRAIN
- STONE CHECK DAM
- SF — SF — SF — SILT FENCE
- TP — TP — TP — TREE PROTECTION FENCE
- SF/TP — SF/TP — SILT FENCE AND TREE PROTECTION FENCE
- LD — LD — LIMITS OF DISTURBANCE
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT

SEE SHEET C6.01A

SEE SHEET C6.04A

EXISTING LOUISBURG ROAD (HWY 401) (VARIABLE WIDTH PUBLIC R/W)

EXISTING RIGHT-OF-WAY

100' TYPE B LANDSCAPE BUFFER

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

SILT FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

TD-3 TEMPORARY DIVERSION DITCH/BERM

VELOCITY DISSIPATOR 5'Wx5'Lx12"THK CLASS "A" RIPRAP

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

EXISTING WETLANDS (TYP.)

SKIMMER DEVICE ON CLASS "A" RIPRAP PAD. SEE SUMMARY TABLE SHEET C6.00

TSD-3 TEMPORARY SLOPE DRAIN (TYP.) 8" DIAMETER HDPE

HW-608 INV=360.15

77.10 LF 30" RCP @ 4.86%

SB-2 (SEE SUMMARY TABLE, SHEET C6.00)

COIR BAFFLES (TYP.)

15' WIDE SPILLWAY

MAINTENANCE PAD NOTE: WHEN CLEANING OUT BASIN, PLACE SILT BAG HERE FOR DISCHARGING SEDIMENT LADEN WATER.

TSD-2 TEMPORARY SLOPE DRAIN (TYP.) 6" DIAMETER HDPE

TD-2 TEMPORARY DIVERSION DITCH/BERM

TEMPORARY STONE CHECK DAM (TYP.)

DI-607 T/G=361.86 INV IN=356.40 (HW-608) INV OUT=355.40

82.81 LF 30" RCP @ 0.96%

JB-606 RIM=364.50 INV IN=354.80 (DI-607) INV OUT=354.05

251.55 LF 30" RCP @ 0.83%

JB-605 RIM=363.48 INV IN=351.95 (JB-606) INV OUT=351.15

114.90 LF 30" RCP @ 1.00%

JB-604 RIM=364.00 INV IN=350.00 (JB-605) INV OUT=349.90

TD-1 TEMPORARY DIVERSION DITCH/BERM

SEE SHEET C6.07A

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

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NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Mar 21 2022 8:56 AM

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PLAN INFORMATION

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FILENAME	AWH20000-CD-PKG-01-EC1
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SCALE	1"=40'
DATE	03. 21. 2022

SHEET

EROSION CONTROL PLAN STAGE 1 AREA "C"

C6.03A

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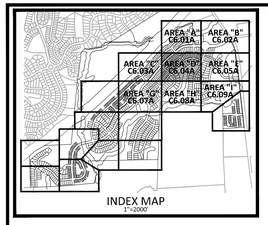

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- LD — LD — LIMITS OF DISTURBANCE
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT

SEE SHEET C6.01A

SEE SHEET C6.03A

SEE SHEET C6.05A

TD–10
TEMPORARY DIVERSION DITCH/BERM

TEMPORARY STONE CHECK DAM (TYP.)

TD–9
TEMPORARY DIVERSION DITCH/BERM

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

MAINTENANCE PAD NOTE: WHEN CLEANING OUT BASIN, PLACE SILT BAG HERE FOR DISCHARGING SEDIMENT LADEN WATER.

TSD–10
TEMPORARY SLOPE DRAIN (TYP.)
12" DIAMETER HDPE

LIMITS OF DISTURBANCE (TYP.)

SB-C
(SEE SUMMARY TABLE, SHEET C6.00)

EXISTING WETLANDS (TYP.)

TEMPORARY STONE CHECK DAM (TYP.)

COIR BAFFLES (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

SKIMMER DEVICE ON CLASS "A RIPRAP PAD ATTACHED TO RISER BARREL. SEE SUMMARY TABLE SHEET C6.00

LIMITS OF DISTURBANCE (TYP.)

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK, EACH SIDE)

TOP OF BANK (TYP.)

TEMPORARY STONE CHECK DAM (TYP.)

TD–9
TEMPORARY DIVERSION DITCH/BERM

LIMITS OF DISTURBANCE (TYP.)

TEMPORARY STONE CHECK DAM (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

TD–11
TEMPORARY DIVERSION DITCH/BERM

EXISTING WETLANDS (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

TD–12
TEMPORARY DIVERSION DITCH/BERM

TEMPORARY STONE CHECK DAM (TYP.)

SEE SHEET C6.08A

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

FINAL DRAWING - RELEASED FOR CONSTRUCTION

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TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

William T. O'Daniel
Mar 21 2022 8:56 AM
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REVISIONS

NO.	DATE

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-EC1
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DRAWN BY	.
SCALE	1"=40'
DATE	03. 21. 2022

SHEET

EROSION CONTROL PLAN STAGE 1 AREA "D"

C6.04A

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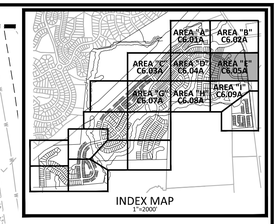
SEE SHEET C6.02A

SEE SHEET C6.04A

SEE SHEET C6.09A



TD–6 TEMPORARY DIVERSION DITCH/BERM

TEMPORARY STONE CHECK DAM (TYP.)

TD–7 TEMPORARY DIVERSION DITCH/BERM

TD–8 TEMPORARY DIVERSION DITCH/BERM

50' PSNC GAS EASEMENT

SILT FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

EXISTING WETLANDS (TYP.)

EXISTING POND

EXISTING POND TO REMAIN

TOP OF BANK (TYP.)

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK)

30' STREETSCAPE BUFFER

RE-ROUTED EXISTING 24" CMP

AQUA BARRIER COFFER DAM OR APPROVED EQUIVALENT

TEMPORARY 24" CMP PIPE

TSD–7 TEMPORARY SLOPE DRAIN (TYP.) 12" DIAMETER HDPE

TSD–6 TEMPORARY SLOPE DRAIN (TYP.) 12" DIAMETER HDPE

DOUBLE ROW SILT FENCE WITH SILT FENCE OUTLETS (REMOVE AFTER CULVERT IS INSTALLED)

COIR BAFFLES (TYP.)

DE–WATER WORK AREA THROUGH FILTER BAG. THIS AREA IS ALSO TO BE USED FOR SEDIMENT BASIN MAINTENANCE PAD

SB–A (SEE SUMMARY TABLE, SHEET C6.00)

SKIMMER DEVICE ON CLASS "A RIPRAP PAD ATTACHED TO RISER BARREL. SEE SUMMARY TABLE SHEET C6.00

TEMPORARY DIVERSION CHANNEL LINED WITH IMPERVIOUS MATTING WITH A MINIMUM OF 4 FEET OVERLAPPING THE CHANNEL BANKS (SEE TYPICAL SECTION)

IF STREAM CROSSING MEASURES ARE NECESSARY, PROVIDE SINGLE SPAN TIMBER MAT. SEE DETAIL

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

TEMPORARY RIP RAP ARMOR EQUAL TO PERMANENT VELOCITY DISSIPATOR

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK, EACH SIDE)

EXISTING RIGHT-OF-WAY

EXISTING E. YOUNG STREET (60' PUBLIC R/W)

OWNER: WAKE COUNTY BOARD OF EDUCATION
PIN: 1768464343
REID: 0408361
D.B.: 014097, PG. 02016
ACREAGE: 21.03
ZONING: CO–SUD

SEE PLANS BY EXULT ENGINEERING FOR OFF-SITE ROAD IMPROVEMENTS

SEE PLANS BY EXULT ENGINEERING FOR OFF-SITE ROAD IMPROVEMENTS

EROSION CONTROL LEGEND

- SILT FENCE OUTLET
- INLET PROTECTION
- TEMPORARY SLOPE DRAIN
- STONE CHECK DAM
- SF — SF — SF — SILT FENCE
- TP — TP — TP — TREE PROTECTION FENCE
- SF/TP — SF/TP — SILT FENCE AND TREE PROTECTION FENCE
- LD — LD — LIMITS OF DISTURBANCE
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

FINAL DRAWING - RELEASED FOR CONSTRUCTION

M:\Projects\AWH\AWH-20000\04-Production\Engineering\Construction Drawings\Current Drawings\AWH20000-CD-Pkg-01-EC1.dwg, 3/18/2022 2:41:58 PM, Williams, 1:1

M:\Projects\AWH\AWH-20000\04-Production\Engineering\Construction Drawings\Current Drawings\AWH20000-CD-Pkg-01-EC1.dwg, 3/18/2022 2:42:02 PM, Sherrill Williams

McADAMS
The John R. McAdams Company, Inc.
2905 Meridian Parkway
Durham, NC 27713

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

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CLIENT

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5711 SIX FORKS ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
PHONE: 919. 232. 3695
CONTACT: BOB MISHLER

ASHTON WOODS

THE POINT
PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
EAST YOUNG STREET
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

W.T. O'Daniel
Mar 21 2022 8:57 AM
DocuSign

REVISIONS

NO.	DATE

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-EC1
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'
DATE	03. 21. 2022

SHEET

EROSION CONTROL PLAN STAGE 1 AREA "E"

C6.05A

SEE SHEET C6.03A

SEE SHEET C6.08A

EXISTING RIGHT-OF-WAY

100' TYPE B LANDSCAPE BUFFER

100'

LIMITS OF DISTURBANCE (TYP.)

TEMPORARY STONE CHECK DAM (TYP.)

TD-1
TEMPORARY DIVERSION DITCH/BERM

EXISTING WETLANDS (TYP.)

SILT FENCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

MAINTENANCE PAD
NOTE: WHEN CLEANING OUT BASIN, PLACE SILT BAG HERE FOR DISCHARGING SEDIMENT LADEN WATER.

SSMH – RIM ELV: 349.71'
8" PVC INV. IN: 340.41' (N)
8" PVC INV. OUT: 338.17' (S)

EX. 8" SS

TSD-1
TEMPORARY SLOPE DRAIN (TYP.)
15" DIAMETER HDPE

COIR BAFFLES (TYP.)

TSD-14
TEMPORARY SLOPE DRAIN (TYP.)
12" DIAMETER HDPE

SILT FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

JB-602
RIM=347.50
INV IN=341.65 (JB-603)
INV OUT=341.55

SB-1
(SEE SUMMARY TABLE, SHEET C6.00)

115.11' LF 36" RCP
@ 0.52%

12' WIDE SPILLWAY

EXISTING WETLANDS (TYP.)

SKIMMER DEVICE ON CLASS "A RIPRAP PAD. SEE SUMMARY TABLE, SHEET C6.00

EXISTING SSMH AND 8" SS PIPE TO BE REMOVED

VELOCITY DISSIPATOR 5'Wx5'Lx12"THK CLASS "A" RIPRAP

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

JB-601
RIM=346.50
INV IN=340.95 (JB-602)
INV OUT=340.86

SSMH – RIM ELV: 346.92'
8" PVC INV. IN: 336.70' (N)
8" PVC INV. OUT: 334.51' (S)

32.54 LF 36" RCP
@ 0.50%

EW-600
INV=340.70

LIMITS OF DISTURBANCE (TYP.)

VELOCITY DISSIPATOR 10.5'Wx18"Lx18"THK CLASS "B" RIP RAP

EXISTING WETLANDS (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK, EACH SIDE)

EXISTING WETLANDS (TYP.)

114.90 LF 30" RCP
@ 1.00%

JB-604
RIM=364.00
INV IN=350.00 (JB-605)
INV OUT=349.90

266.27 LF 30" RCP
@ 0.90%

JB-603
RIM=354.00
INV IN=347.50 (JB-604)
INV OUT=343.05

TEMPORARY STONE CHECK DAM (TYP.)

264.60 LF 36" RCP
@ 0.53%

TD-13
TEMPORARY DIVERSION DITCH/BERM

TEMPORARY STONE CHECK DAM (TYP.)

TEMPORARY STONE CHECK DAM (TYP.)

TSD-13
TEMPORARY SLOPE DRAIN (TYP.)
12" DIAMETER HDPE

COIR BAFFLES (TYP.)

SKIMMER DEVICE ON CLASS "A RIPRAP PAD ATTACHED TO RISER BARREL. SEE SUMMARY TABLE SHEET C6.00

TSD-15
TEMPORARY SLOPE DRAIN (TYP.)
6" DIAMETER HDPE

SB-F
(SEE SUMMARY TABLE, SHEET C6.00)

MAINTENANCE PAD
NOTE: WHEN CLEANING OUT BASIN, PLACE SILT BAG HERE FOR DISCHARGING SEDIMENT LADEN WATER.

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

EXISTING WETLANDS (TYP.)

TD-14
TEMPORARY DIVERSION DITCH/BERM

EXISTING WETLANDS (TO BE DISTURBED)

TEMPORARY STONE CHECK DAM (TYP.)

TD-14
TEMPORARY DIVERSION DITCH/BERM

TEMPORARY STONE CHECK DAM (TYP.)

EXISTING WETLANDS (TO BE DISTURBED)

TD-15
TEMPORARY DIVERSION DITCH/BERM

SILT FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

EROSION CONTROL LEGEND

- SILT FENCE OUTLET
- INLET PROTECTION
- TEMPORARY SLOPE DRAIN
- STONE CHECK DAM
- SF — SF — SF — SILT FENCE
- TP — TP — TP — TREE PROTECTION FENCE
- SF/TP — SF/TP — SILT FENCE AND TREE PROTECTION FENCE
- LD — LD — LIMITS OF DISTURBANCE
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

INDEX MAP
1"=200'
AREA "A" C6.03A
AREA "B" C6.03A
AREA "C" C6.03A
AREA "D" C6.04A
AREA "E" C6.05A
AREA "G" C6.07A
AREA "H" C6.08A
AREA "F" C6.09A

FINAL DRAWING - RELEASED FOR CONSTRUCTION

McADAMS
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2905 Meridian Parkway
Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

CLIENT

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5711 SIX FORKS ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
PHONE: 919. 232. 3695
CONTACT: BOB MISHLER

ASHTON WOODS

THE POINT
PHASES 1, 2, 6 AND 9
CONSTRUCTION DRAWINGS - PACKAGE 1
EAST YOUNG STREET
TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Mar 21 2022 8:57 AM

DocuSigned by:

REVISIONS

NO.	DATE

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-EC1
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'
DATE	03. 21. 2022

SHEET

EROSION CONTROL PLAN STAGE 1 AREA "G"

C6.07A

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SEE SHEET C6.04A

SEE SHEET C6.07A

SEE SHEET C6.09A

TEMPORARY STONE CHECK DAM (TYP.)

TD–14
TEMPORARY DIVERSION DITCH/BERM

TD–12
TEMPORARY DIVERSION DITCH/BERM

TSD–12
TEMPORARY SLOPE DRAIN (TYP.)
12" DIAMETER HDPE

SB-E
(SEE SUMMARY TABLE, SHEET C6.00)

SKIMMER DEVICE ON CLASS "A RIPRAP PAD ATTACHED TO RISER BARREL. SEE SUMMARY TABLE SHEET C6.00

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

25' TYPE B LANDSCAPE BUFFER

EX. SSMH – RIM ELV: 354.73'
INVERT OUT UNDER WATER :
BOTTOM OF BOX: 345.31' (S)

EX. 10" SS

EX. SSMH – RIM ELV: 347.09'
10" PVC INV. IN: 339.79' (N)
10" PVC INV. IN: 339.86' (E)
10" PVC INV. OUT: 339.74' (SW)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

TD–11
TEMPORARY DIVERSION DITCH/BERM

TEMPORARY STONE CHECK DAM (TYP.)

MAINTENANCE PAD
NOTE: WHEN CLEANING OUT BASIN, PLACE SILT BAG HERE FOR DISCHARGING SEDIMENT LADEN WATER.

TSD–11
TEMPORARY SLOPE DRAIN (TYP.)
8" DIAMETER HDPE

LIMITS OF DISTURBANCE (TYP.)

COIR BAFFLES (TYP.)

TSD–12
TEMPORARY SLOPE DRAIN (TYP.)
12" DIAMETER HDPE

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK, EACH SIDE)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

TOP OF BANK (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

EXISTING WETLANDS* (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK, EACH SIDE)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

TOP OF BANK (TYP.)

MAINTENANCE PAD
NOTE: WHEN CLEANING OUT BASIN, PLACE SILT BAG HERE FOR DISCHARGING SEDIMENT LADEN WATER.

LIMITS OF DISTURBANCE (TYP.)

TD–9
TEMPORARY DIVERSION DITCH/BERM

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

SILT FENCE OUTLET AT ALL LOW POINTS (TYP.)

LIMITS OF DISTURBANCE (TYP.)

TSD–9
TEMPORARY SLOPE DRAIN (TYP.)
15" DIAMETER HDPE

SB-D
(SEE SUMMARY TABLE, SHEET C6.00)

TSD–8
TEMPORARY SLOPE DRAIN (TYP.)
12" DIAMETER HDPE

TD–8
TEMPORARY DIVERSION DITCH/BERM

TEMPORARY STONE CHECK DAM (TYP.)

SILT FENCE AND TREE PROTECTION FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

TOP OF BANK (TYP.)

50' NEUSE RIPARIAN BUFFER (MEASURED 50' FROM TOP OF BANK, EACH SIDE)

EXISTING WETLANDS* (TYP.)

OWNER: SELF, LINDA ESTELLE
MERRITT, JAMES FRANCIS
PIN: 1768236815
REID: 0046995
D.B.: 016287, PG. 00077
ACREAGE: 98.24
ZONING: R–1

EROSION CONTROL LEGEND

- SILT FENCE OUTLET
- INLET PROTECTION
- TEMPORARY SLOPE DRAIN
- STONE CHECK DAM
- SF — SF — SF — SILT FENCE
- TP — TP — TP — TREE PROTECTION FENCE
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- CONSTRUCTION ENTRANCE/EXIT

INDEX MAP
1"=2000'
AREA "A" C6.08A
AREA "B" C6.08A
AREA "C" C6.08A
AREA "D" C6.04A
AREA "E" C6.05A
AREA "G" C6.07A
AREA "H" C6.08A
AREA "I" C6.09A

GRAPHIC SCALE
0 20 40 80
1 inch = 40 ft.

FINAL DRAWING - RELEASED FOR CONSTRUCTION

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TOWN OF ROLESVILLE, WAKE FOREST TOWNSHIP,
WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 22630 ENGINEER WILLIAM T. O'DANIEL

Todd O'Daniel
Mar 21 2022 8:58 AM

DocuSigned by:

REVISIONS

NO.	DATE

PLAN INFORMATION

PROJECT NO.	AWH-20000
FILENAME	AWH20000-CD-PKG-01-EC1
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'
DATE	03. 21. 2022

SHEET

EROSION CONTROL PLAN STAGE 1 AREA "H"

C6.08A

M:\Projects\AWH\AWH-20000\04-Production\Engineering\Construction Drawings\Current Drawings\AWH20000-CD-Pkg-01-EC1.dwg, 3/18/2022 2:44:16 PM, Sherrill Williams

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