

SITE LEGEND

- PHASE LINE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- LOT LINE
- EASEMENT LINE
- CENTERLINE
- 10' LANDSCAPE BUFFER/EASEMENT
- 3' CITY OF RALEIGH EASEMENT
- 5' ACCESS, MAINTENANCE, AND UTILITY EASEMENT (ALLEYS)

KEY LEGEND

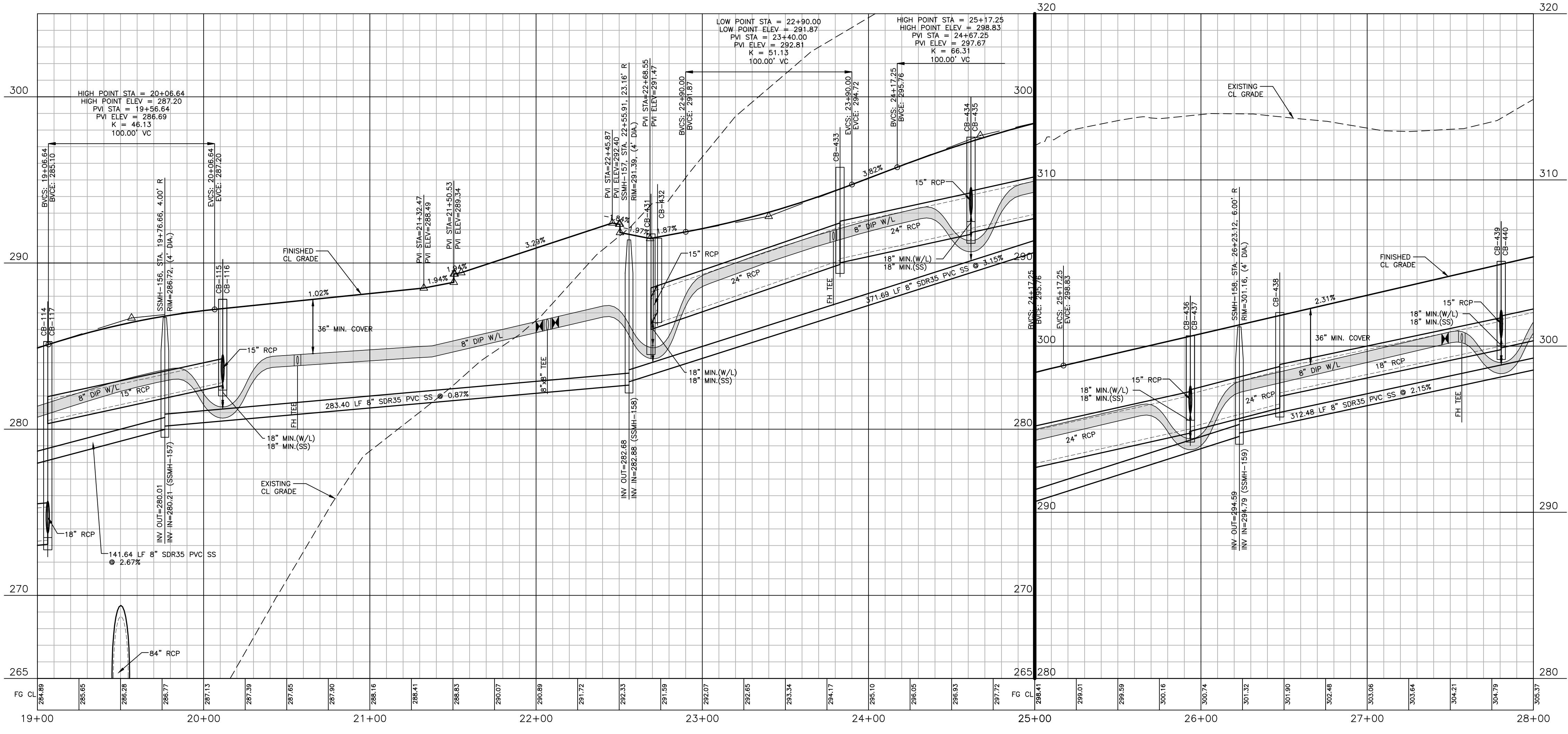
- ACCESSIBLE RAMP
- TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE NCDOT DETAILS 848.06, SHEET C8.01
- PRIVATE STORM DRAINAGE EASEMENT
- PUBLIC STORM DRAINAGE EASEMENT

CONNECTION DATA

CB-114 STA. 19+06.26 T/C=285.27 INV IN=273.82 (CB-117) INV IN=280.52 (CB-115) INV OUT=273.32	CB-434 STA. 24+61.62 T/C=297.57 INV IN=292.96 (CB-435) INV IN=293.08 (CB-436) INV OUT=291.98	CB-115 STA. 20+11.48 T/C=287.81 INV IN=282.90 (CB-116) INV OUT=282.80	CB-435 STA. 24+61.62 T/C=297.57 INV IN=292.96 (CB-437) INV IN=295.12 (CB-438) INV OUT=295.02	CB-116 STA. 20+11.55 T/C=287.82 INV IN=283.17	CB-436 STA. 25+93.62 T/C=300.62 INV IN=295.96 (CB-437) INV IN=295.12 (CB-438) INV OUT=295.02	CB-117 STA. 19+06.26 T/C=285.27 INV IN=274.19 (DI-118) INV OUT=274.09	CB-437 STA. 25+93.62 T/C=300.62 INV IN=297.18 (CB-439) INV OUT=296.52	CB-430 STA. 21+42.10 T/C=288.74 INV OUT=284.49	CB-438 STA. 26+47.40 T/C=302.02 INV IN=297.18 (CB-439) INV OUT=296.52	CB-431 STA. 22+69.13 T/C=291.75 INV IN=286.25 (CB-433) INV IN=286.50 (CB-432) INV OUT=285.25	CB-439 STA. 27+80.61 T/C=305.10 INV IN=300.58 (CB-440) INV IN=300.10 (CB-441) INV OUT=300.00	CB-432 STA. 22+73.08 T/C=295.76 INV IN=282.24 (CB-434) INV OUT=280.16	CB-440 STA. 27+80.63 T/C=305.10 INV OUT=300.85
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GRAPHIC SCALE
1 inch = 40 ft.

PEARCE FARM POND DRIVE



Public
Water Distribution / Extension System

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 # _____

Public
Sewer Collection / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

X:\Projects\AGN23001\04-Production\Engineering\Construction Drawings\AGN23001-PI.dwg, 3/25/2025, 5:30:24 PM, Sherill Williams

The John R. McAdams Company, Inc.
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phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

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CLIENT
ALLIANCE GROUP OF NC, LLC
7208 FALLS OF NEUSE RD, SUITE 101
RALEIGH, NORTH CAROLINA 27615
CONTACT: JACOB ANDERSON
PHONE: 919. 239. 9486

BROKERAGE | CONSULTING | PLANNING

REVISIONS

NO.	DATE	REVISION
1	02.03.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS
2	04.01.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS



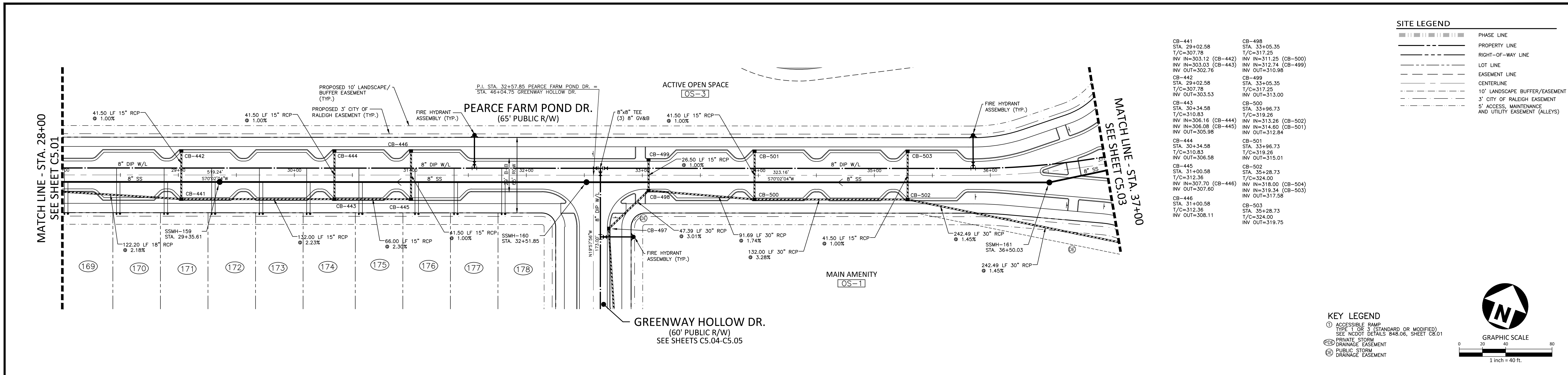
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-PI
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
PEARCE FARM POND DR., STA. 19+00
THRU STA. 28+00

C5.01



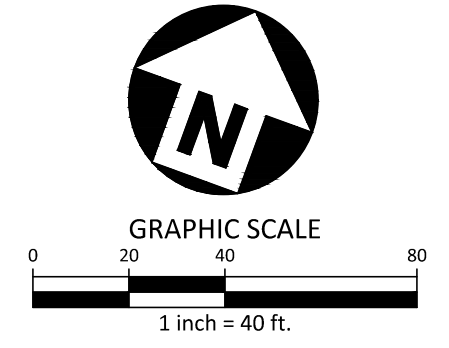
SITE LEGEND

--- (dashed)	PHASE LINE
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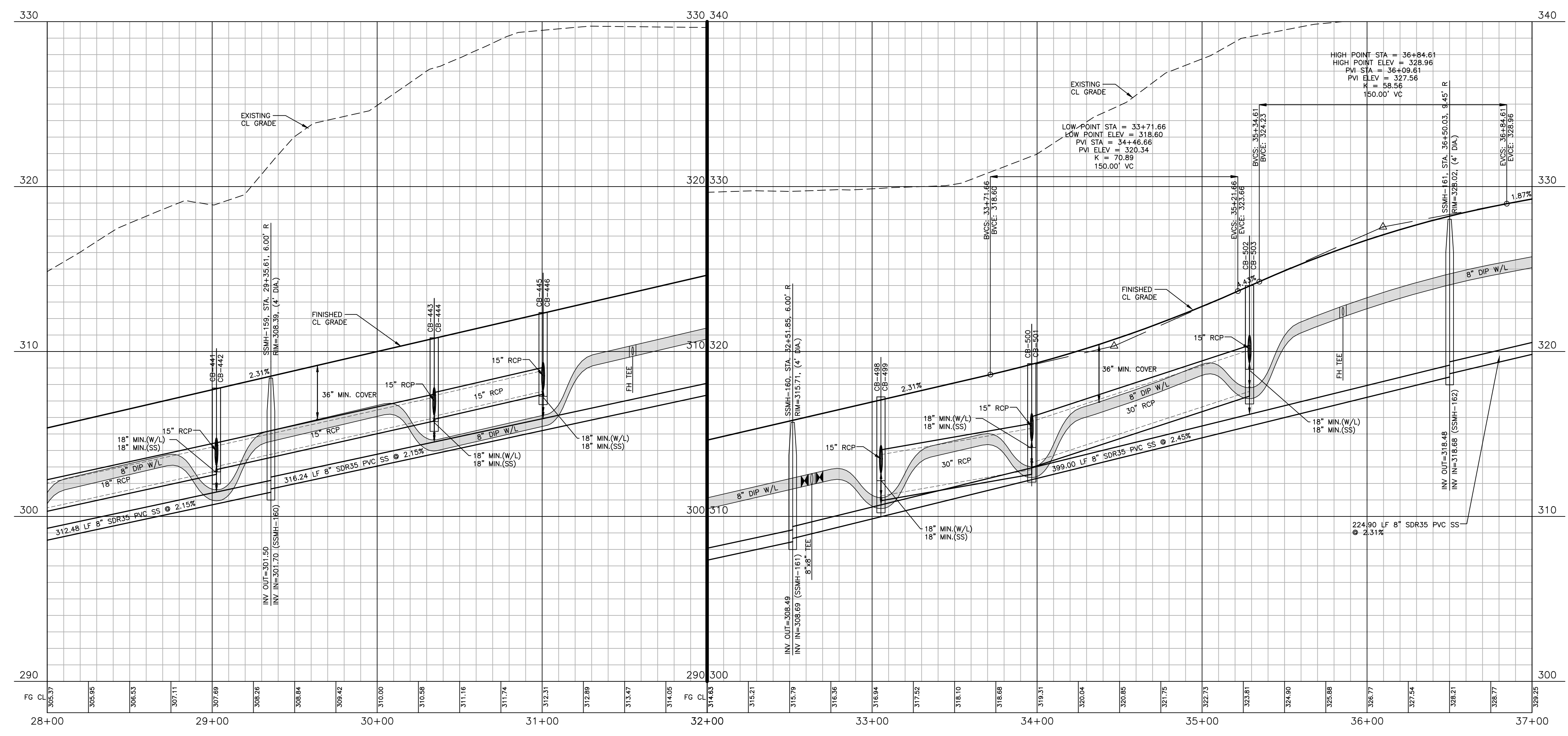
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KEY LEGEND

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- PS PUBLIC STORM DRAINAGE EASEMENT



PEARCE FARM POND DRIVE



Public
Water Distribution / Extension System

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City of Raleigh
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Public
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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

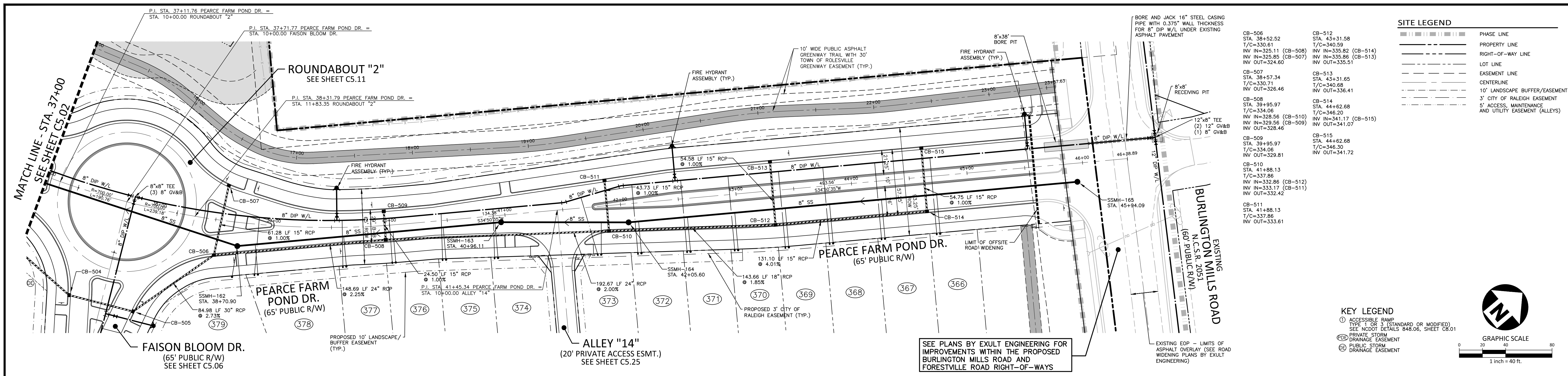
PLAN INFORMATION

PROJECT NO. AGN23001
FILENAME AGN23001-P1
CHECKED BY .
DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

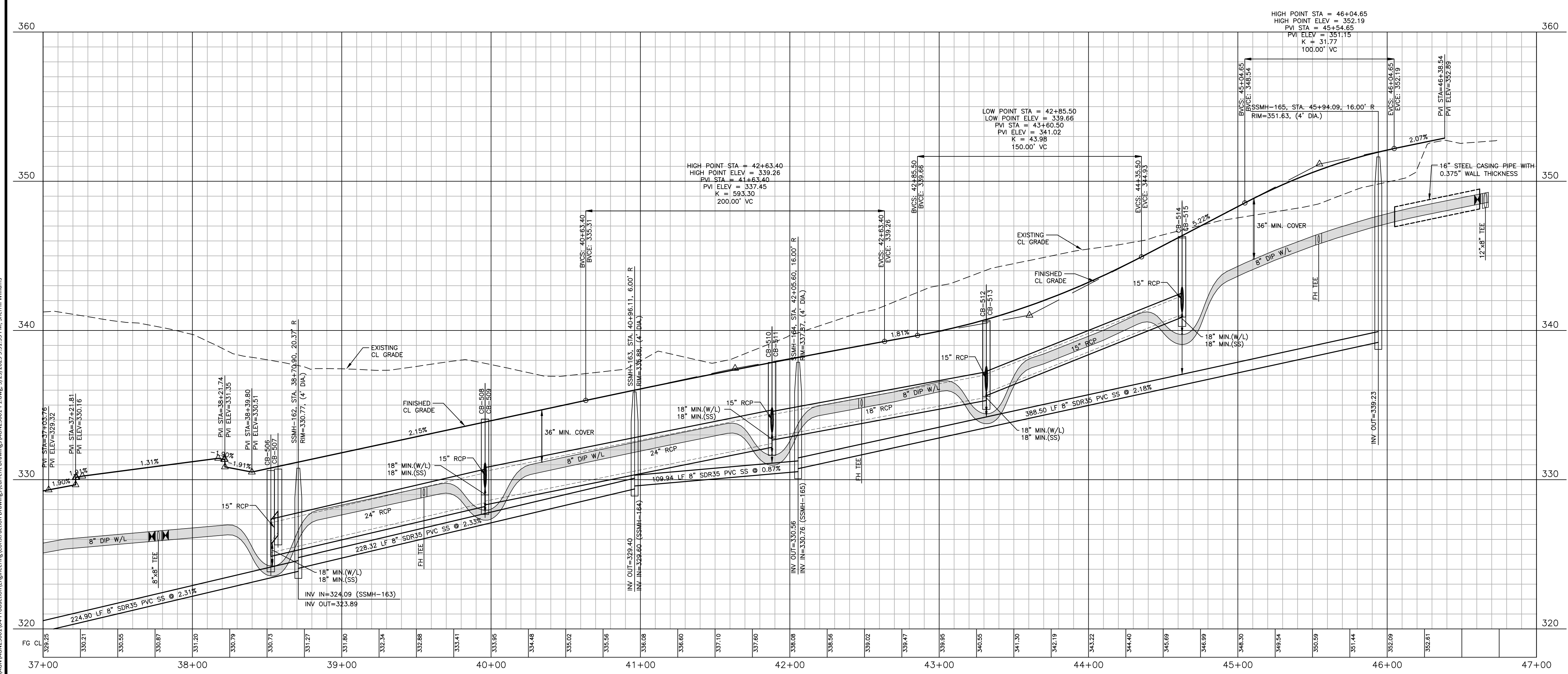
PLAN AND PROFILE
PEARCE FARM POND DR., STA. 28+00
THRU STA. 37+00

C5.02

CID-24-08



PEARCE FARM POND DRIVE



Public Water Distribution / Extension System

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Public Sewer Collection / Extension System

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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF RALEIGH, NORTH CAROLINA

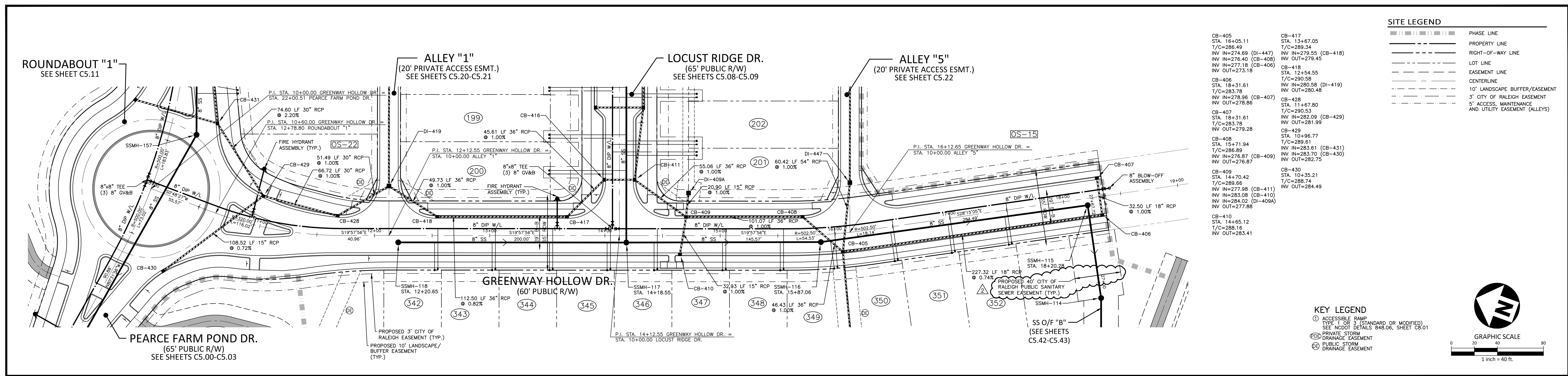
CID-24-08

PLAN INFORMATION

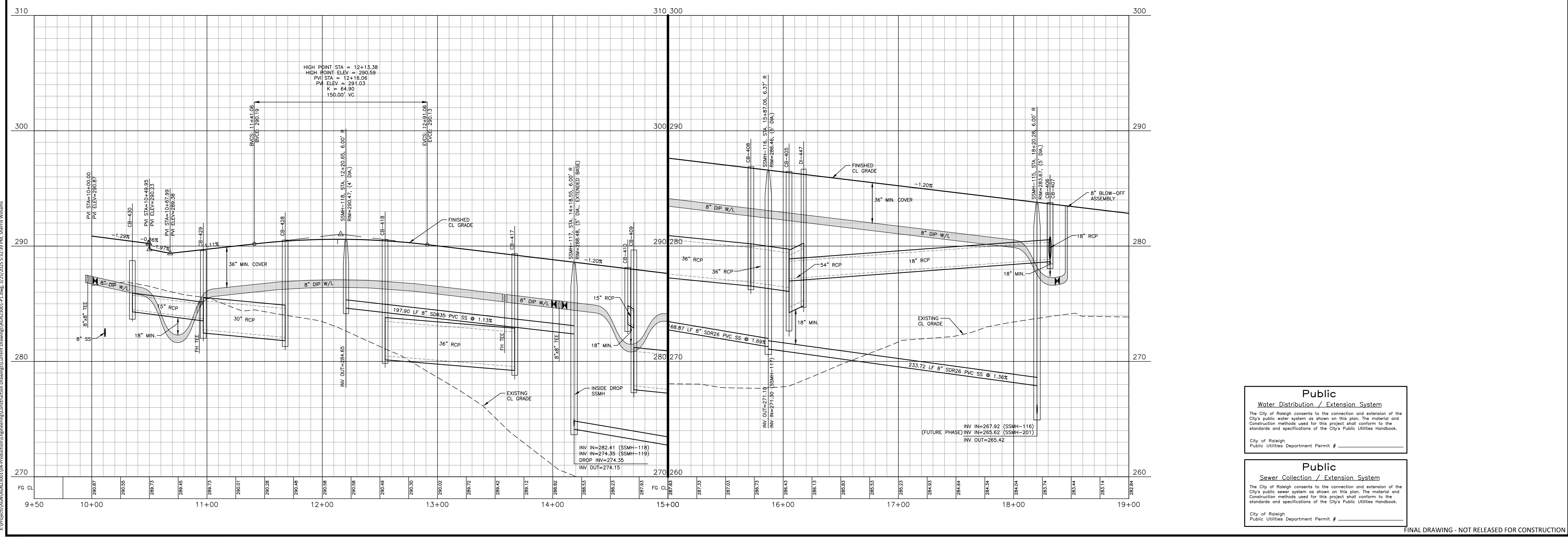
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FILENAME AGN23001-P1
CHECKED BY .
DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE
PEARCE FARM POND DR., STA. 37+00
THRU STA. 46+50

C5.03



GREENWAY HOLLOW DRIVE



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PROFESSIONAL SEAL
NORTH CAROLINA
JACOB ANDERSON
REGISTERED PROFESSIONAL ENGINEER
NO. 22630
WILLIAM T. O'DANIEL

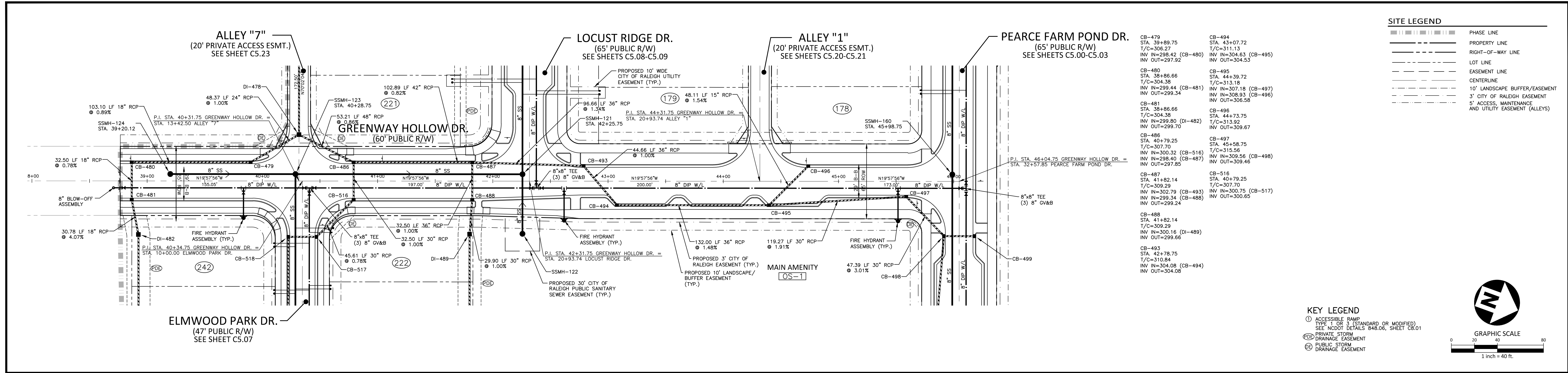
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P1
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
GREENWAY HOLLOW DR., STA. 9+50
THRU STA. 19+00

C5.04

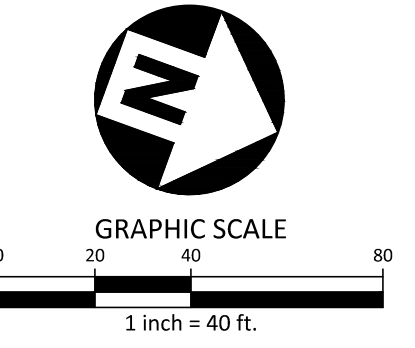


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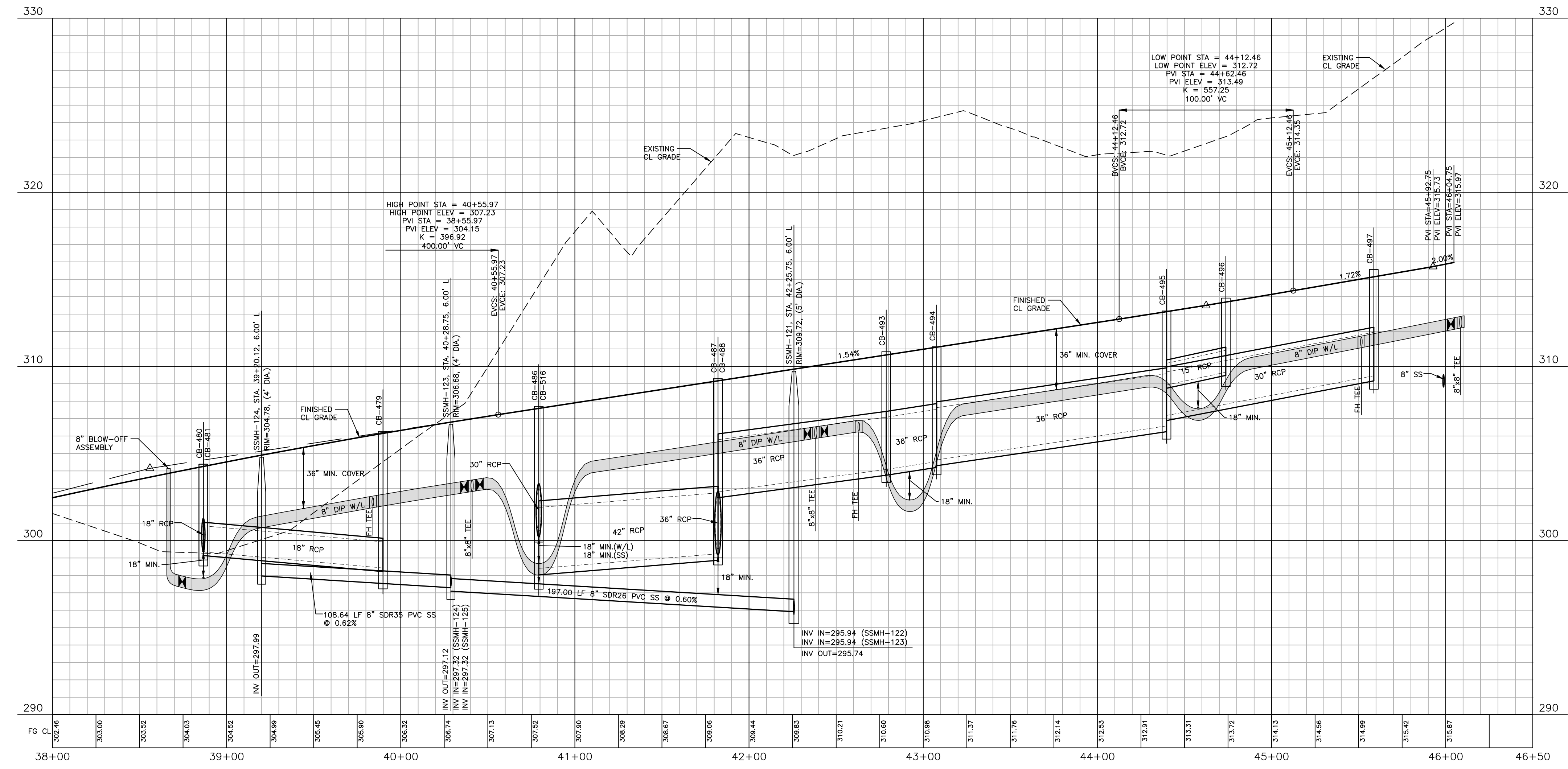
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KEY LEGEND

- ① ACCESSIBLE RAMP
- ② TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE NCDOT DETAILS 848.06, SHEET CB.01
- ③ PRIVATE STORM DRAINAGE EASEMENT
- ④ PUBLIC STORM DRAINAGE EASEMENT



GREENWAY HOLLOW DRIVE



Public
Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

Public
Sewer Collection / Extension System

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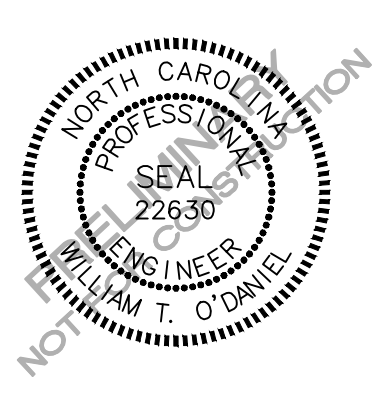
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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

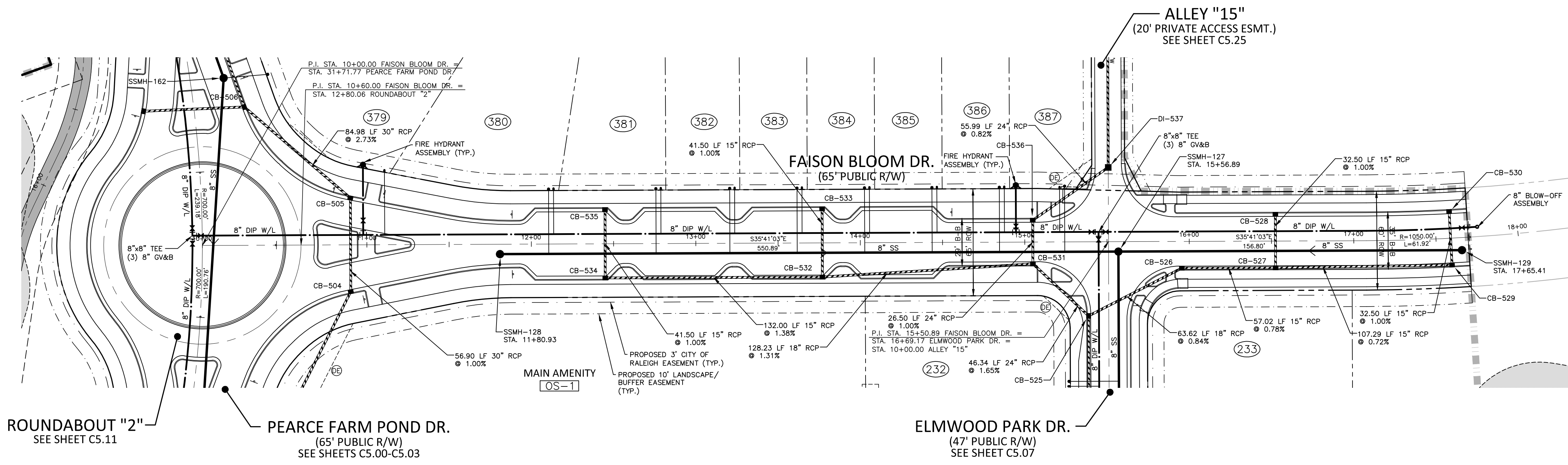
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PLAN AND PROFILE
GREENWAY HOLLOW DR., STA. 38+00 THRU STA. 46+50

C5.05

CID-24-08



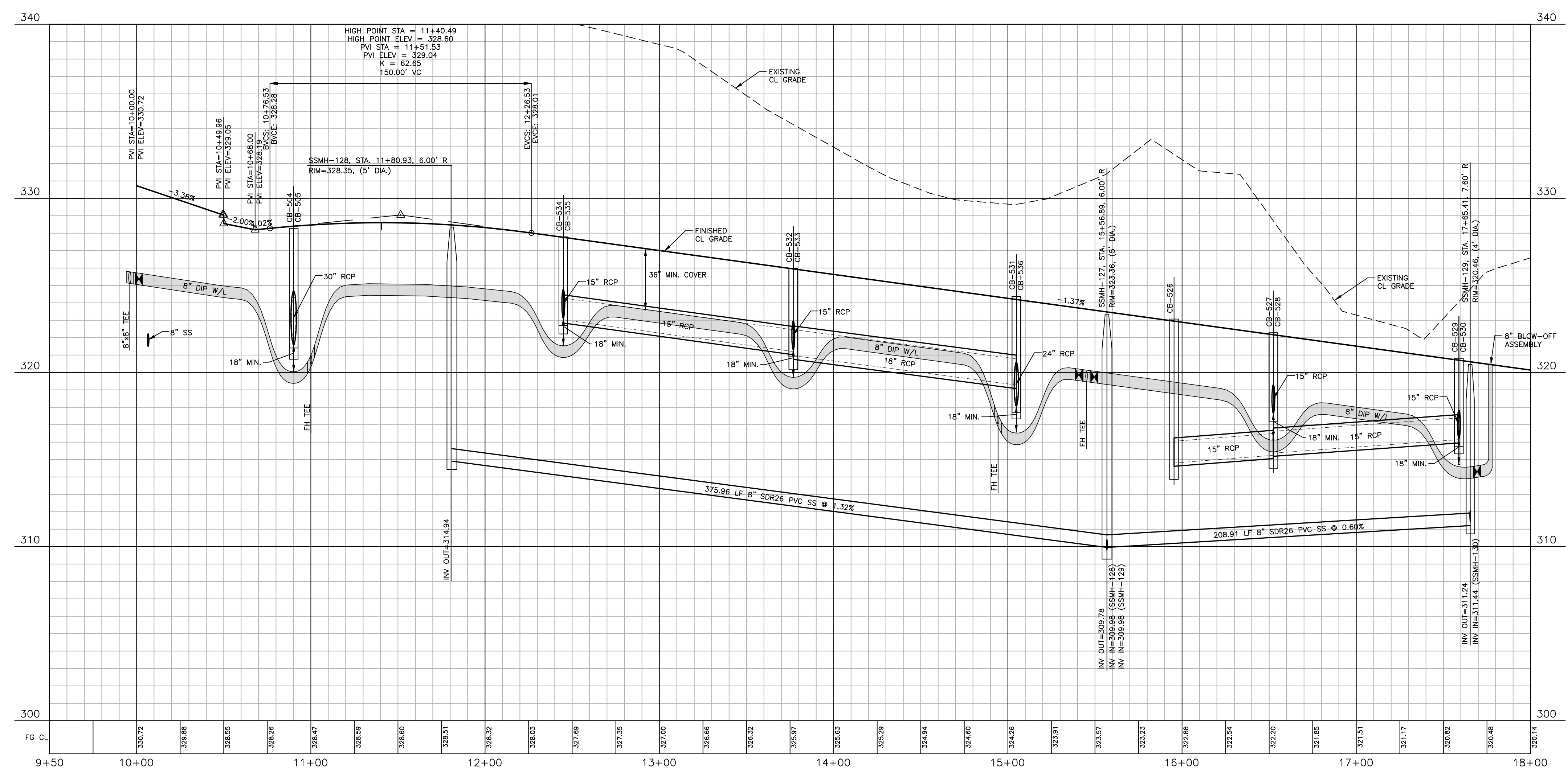
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- Ⓜ PRIVATE STORM DRAINAGE EASEMENT
- Ⓜ PUBLIC STORM DRAINAGE EASEMENT

FAISON BLOOM DRIVE



Public
Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

Public
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PEARCE FARM - PHASES 1-3

CONSTRUCTION DRAWINGS - PACKAGE 1

BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

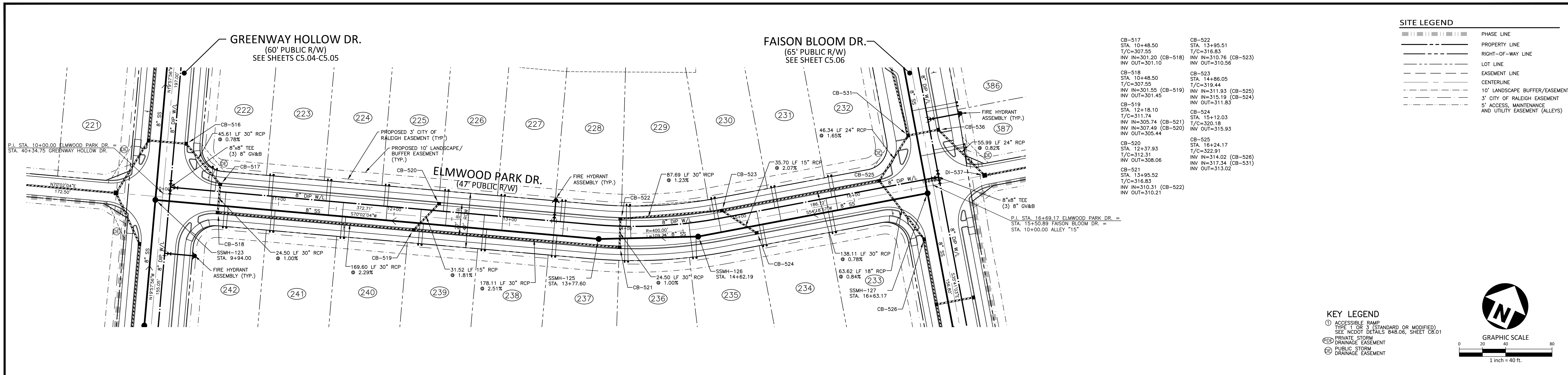
PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P1
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
FAISON BLOOM DR., STA. 9+50 THRU STA. 18+00

C5.06

CID-24-08



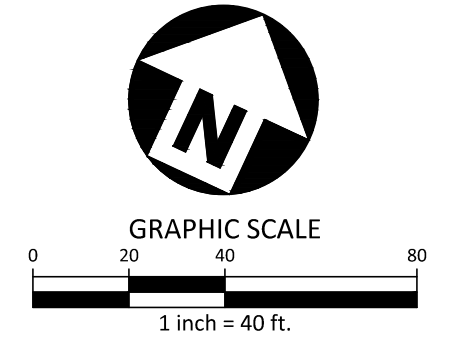
CB-517	CB-522
STA. 10+48.50	STA. 13+95.51
T/C=307.55	T/C=316.83
INV IN=301.20 (CB-518)	INV IN=310.76 (CB-523)
INV OUT=301.10	INV OUT=310.56
CB-518	CB-523
STA. 10+48.50	STA. 14+86.05
T/C=307.55	T/C=319.44
INV IN=301.55 (CB-519)	INV IN=311.93 (CB-525)
INV OUT=301.45	INV IN=315.19 (CB-524)
CB-519	CB-524
STA. 12+18.10	STA. 15+12.03
T/C=311.74	T/C=320.18
INV IN=305.74 (CB-521)	INV IN=317.54 (CB-531)
INV IN=307.49 (CB-520)	INV OUT=315.93
CB-520	CB-525
STA. 12+37.93	STA. 16+24.17
T/C=312.31	T/C=322.91
INV OUT=308.06	INV IN=314.02 (CB-526)
CB-521	CB-526
STA. 13+95.52	INV IN=317.54 (CB-531)
T/C=316.83	INV OUT=310.21
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SITE LEGEND

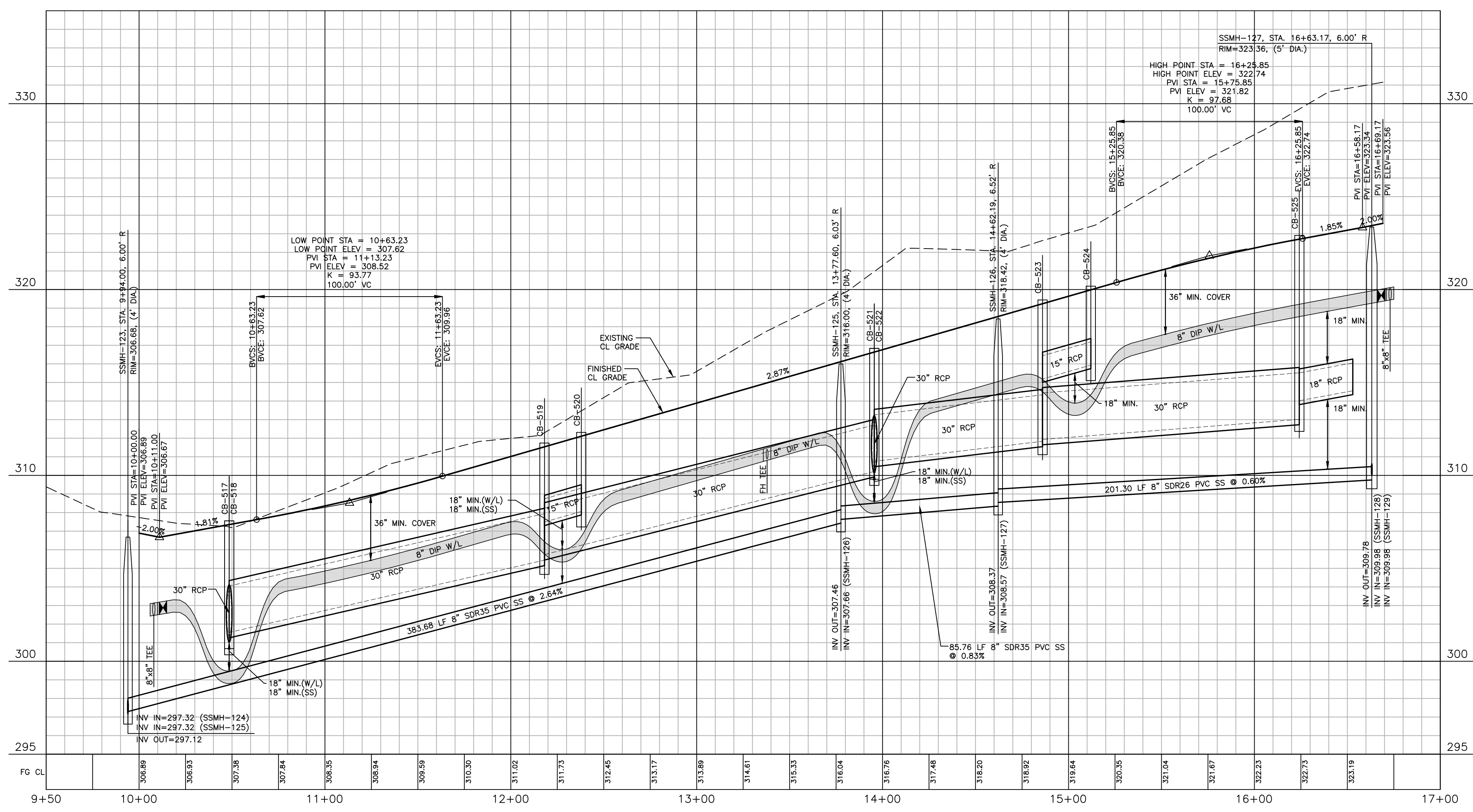
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ELMWOOD PARK DRIVE



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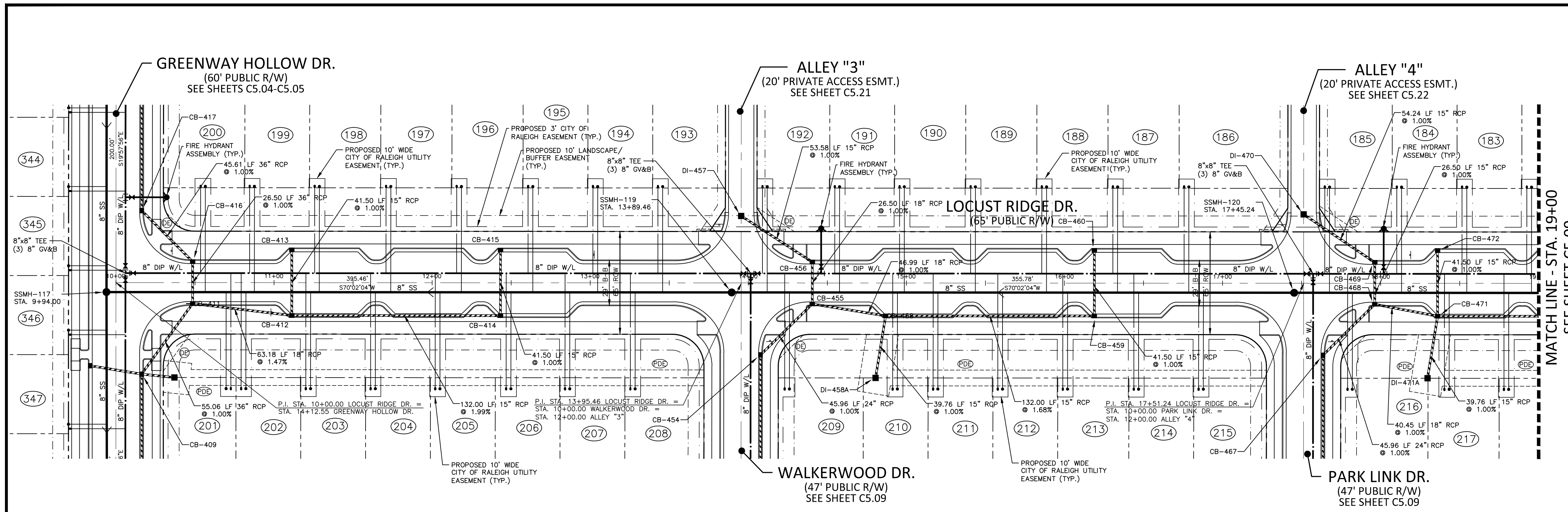
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
 BURLINGTON MILLS ROAD
 TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P1
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
 ELMWOOD PARK DR., STA. 9+50 THRU STA. 17+00

C5.07



SITE LEGEND

- PHASE LINE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- LOT LINE
- EASEMENT LINE
- CENTERLINE
- 10' LANDSCAPE BUFFER/EASEMENT
- 3' CITY OF RALEIGH EASEMENT
- 5' ACCESS, MAINTENANCE AND UTILITY EASEMENT (ALLEYS)

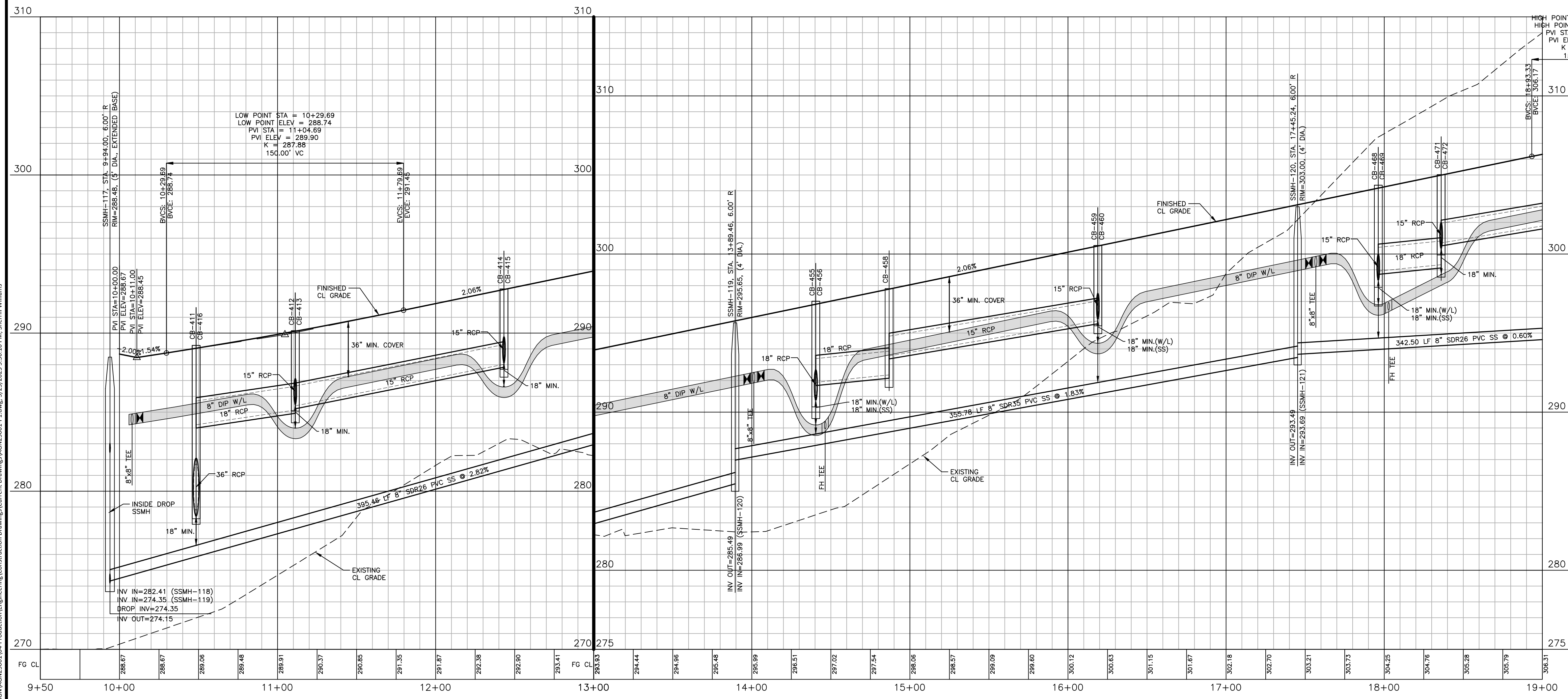
KEY LEGEND

- ACCESSIBLE RAMP
- TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE NCDOT DETAILS 848.06, SHEET 02.01
- PRIVATE STORM DRAINAGE EASEMENT
- PUBLIC STORM DRAINAGE EASEMENT

GRAPHIC SCALE

1 inch = 40 ft.

LOCUST RIDGE DRIVE



Public Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

Public Sewer Collection / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

McADAMS

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CLIENT

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PHONE: 919. 239. 9486

AGNC
BROKERAGE | CONSULTING | PLANNING

REVISIONS

NO.	DATE	REVISION
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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1

BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

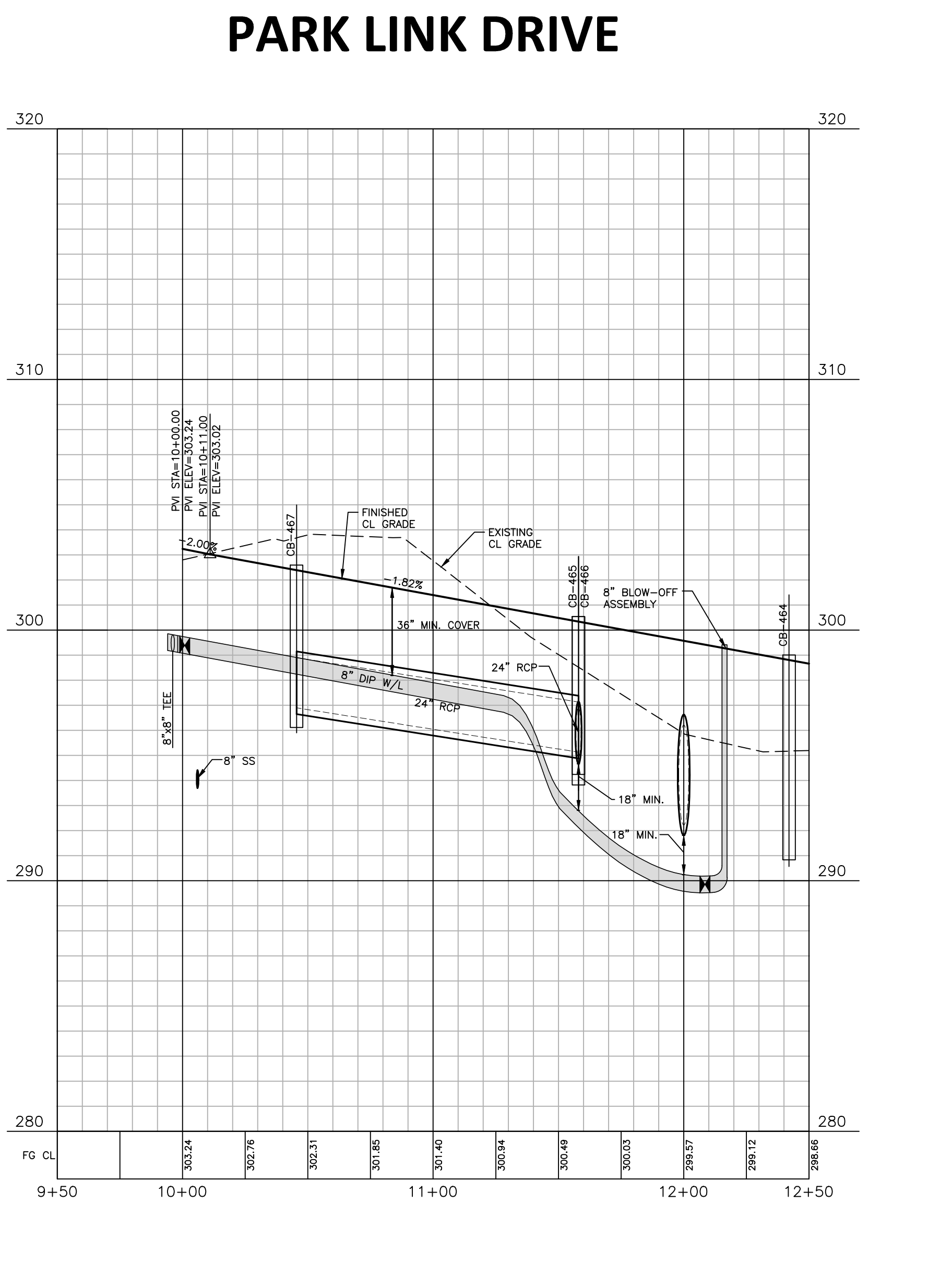
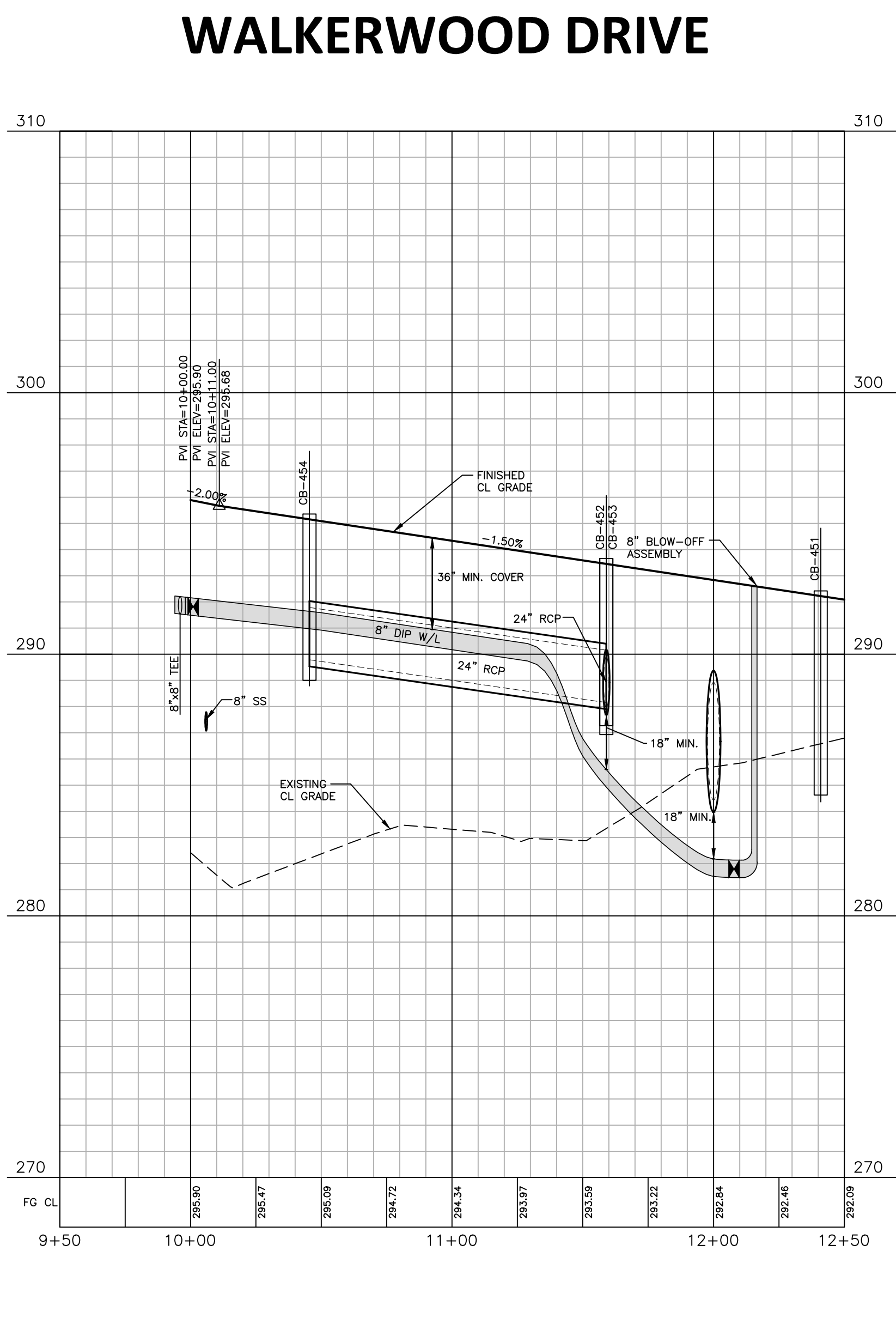
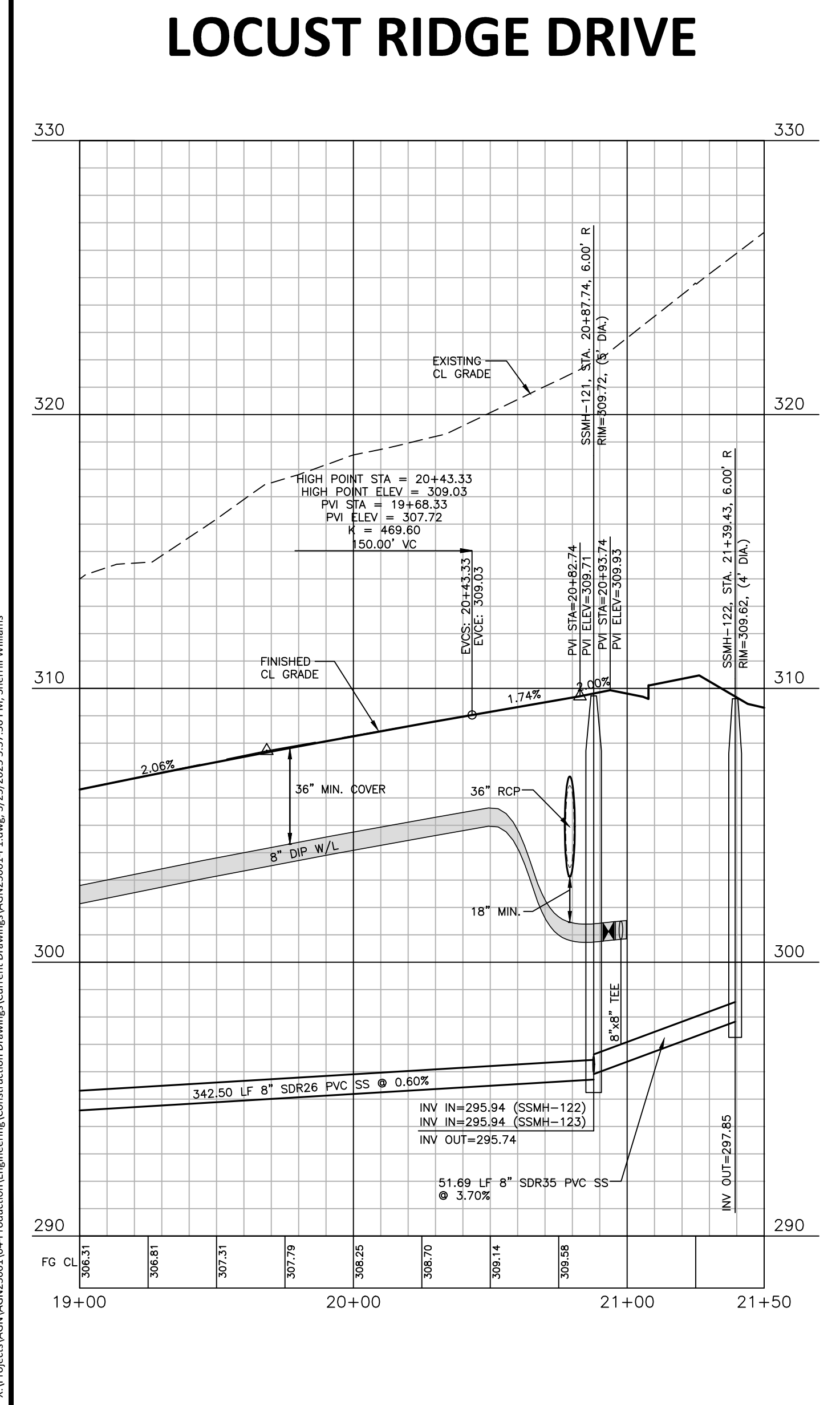
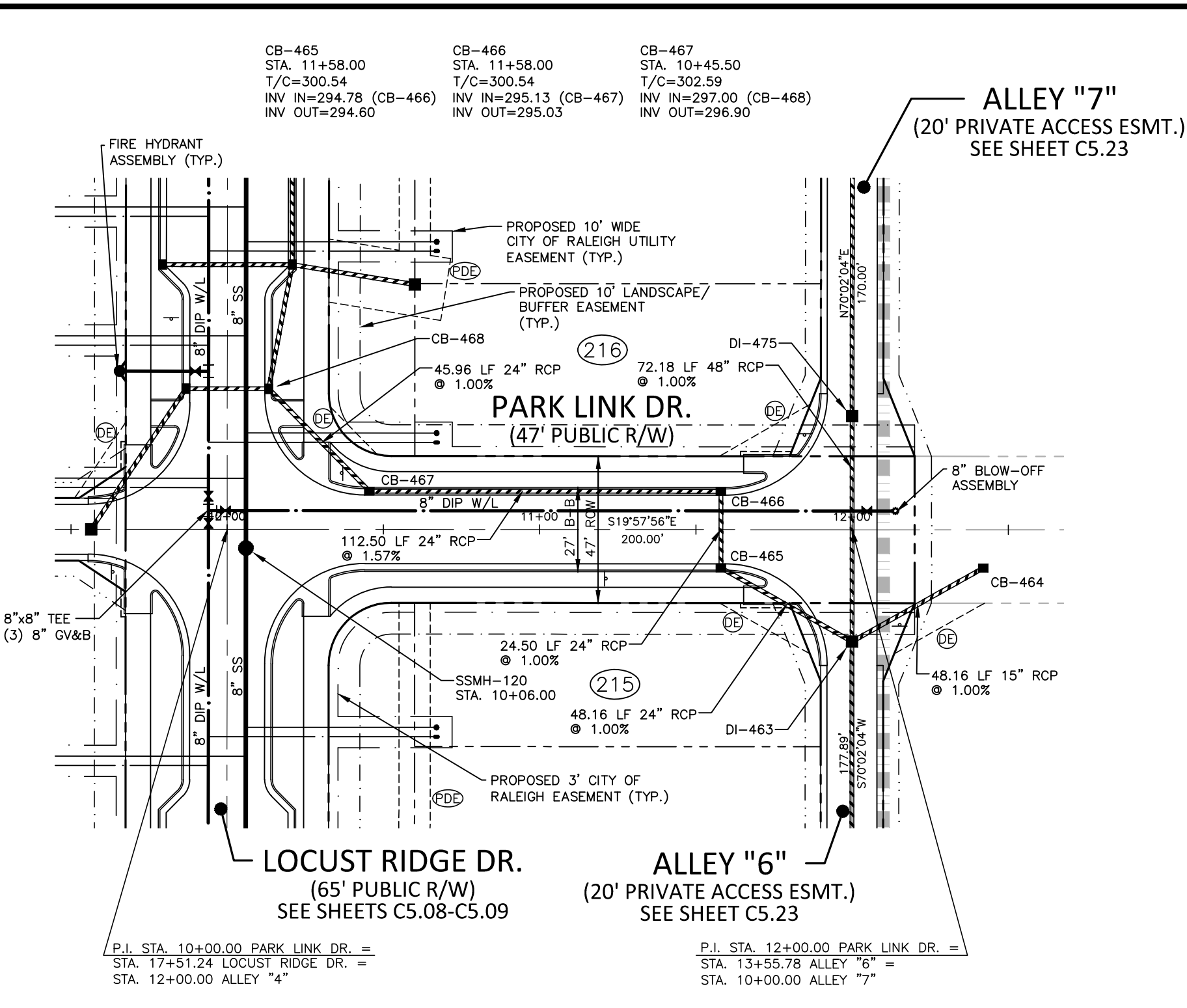
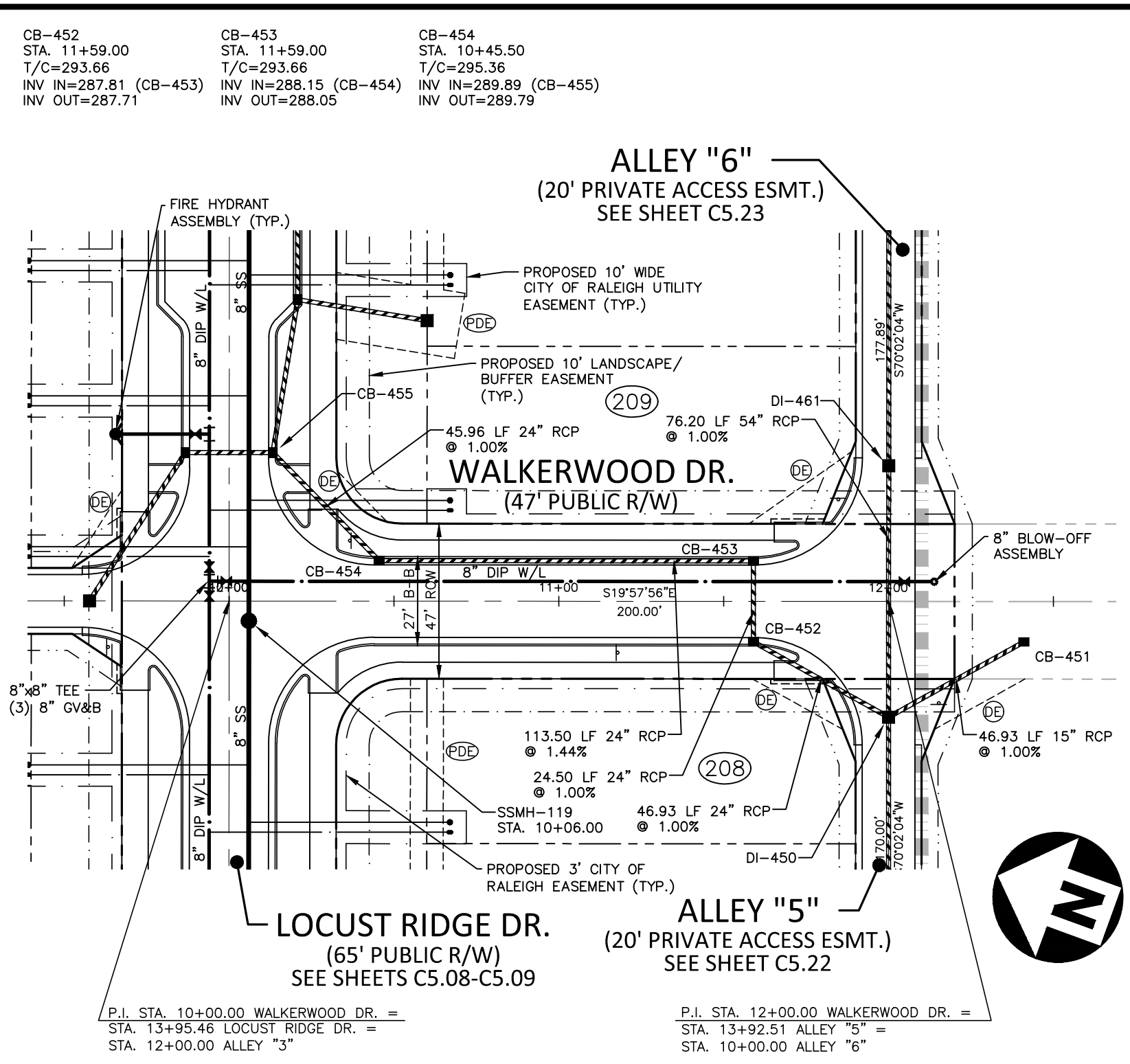
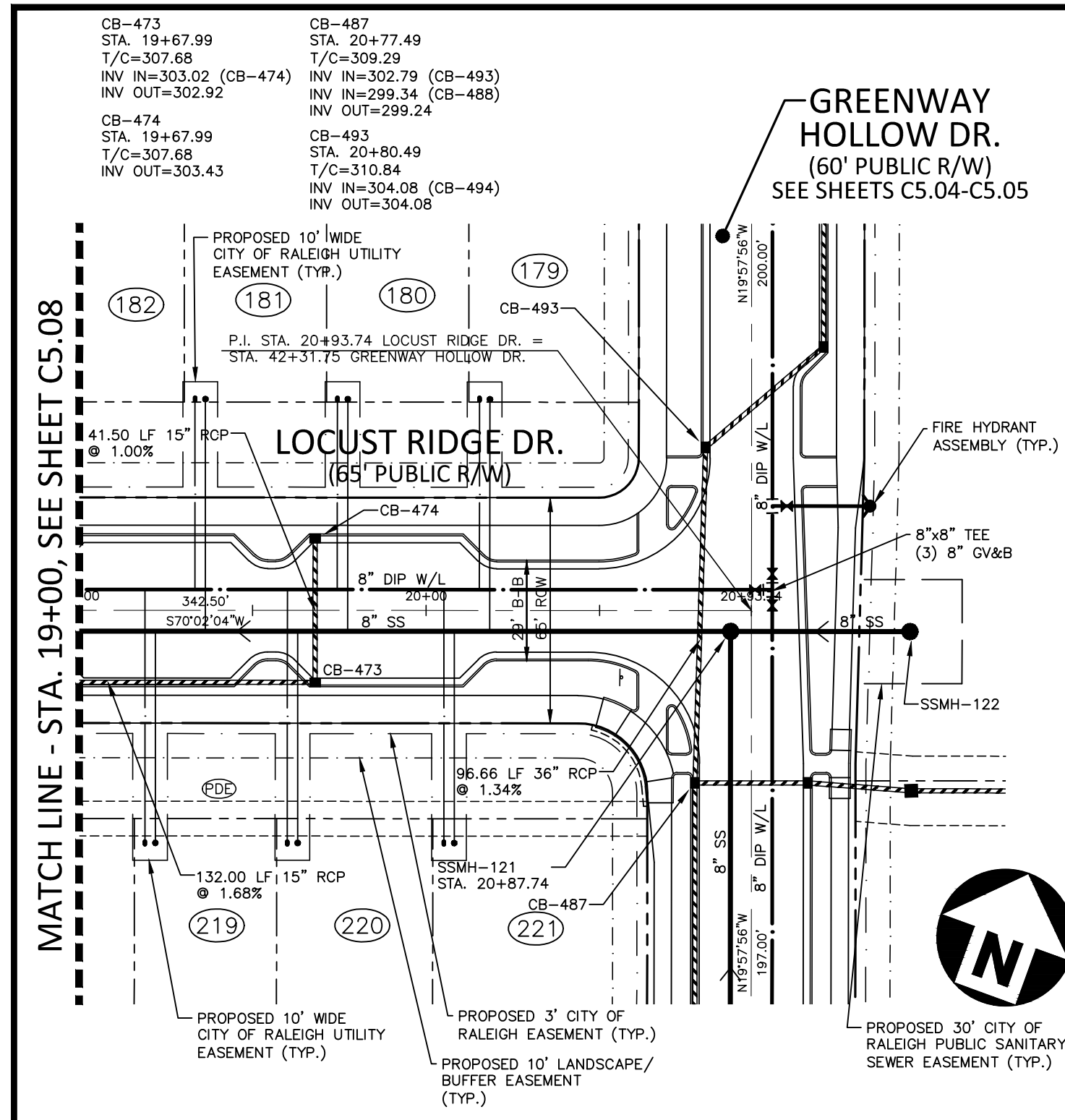
CID-24-08

PLAN INFORMATION

PROJECT NO. AGN23001
FILENAME AGN23001-P1
CHECKED BY
DRAWN BY
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE
LOCUST RIDGE DR., STA. 9+50 THRU STA. 19+00

C5.08



Public Water Distribution / Extension System

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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

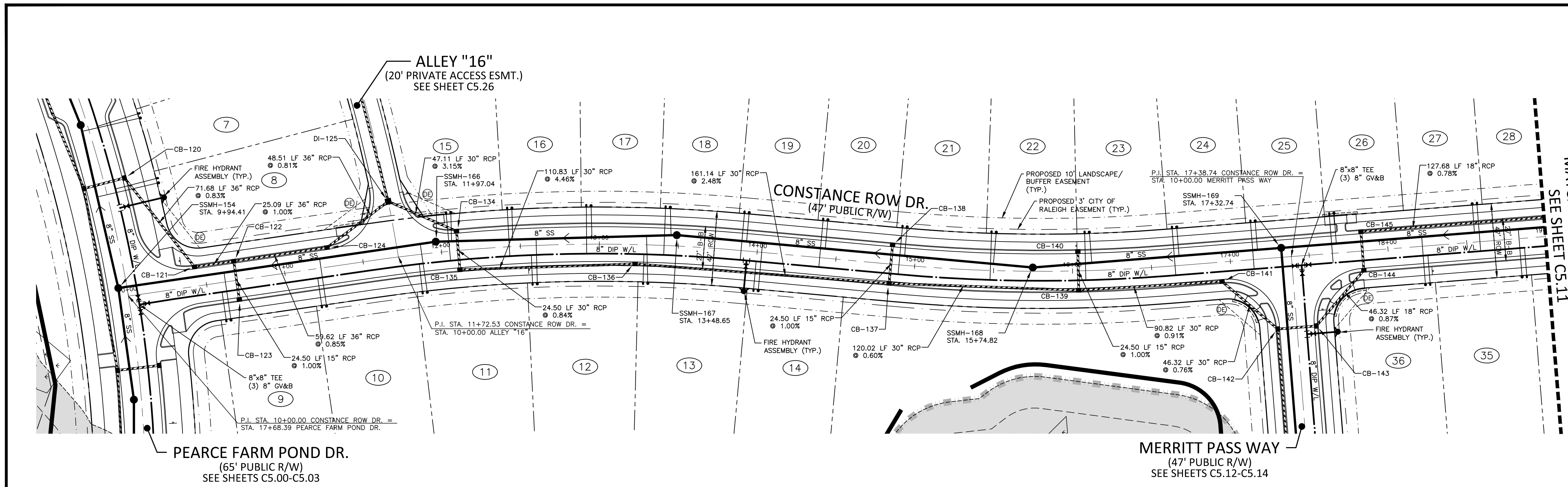
PROJECT NO. AGN23001
FILENAME AGN23001-P1
CHECKED BY .
DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE
LOCUST RIDGE DR., STA. 19+00 THRU STA. 21+00
WALKERWOOD DR., STA. 9+50 THRU STA. 12+50
PARK LINK DR., STA. 9+50 THRU STA. 12+50

C5.09

CID-24-08

FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION



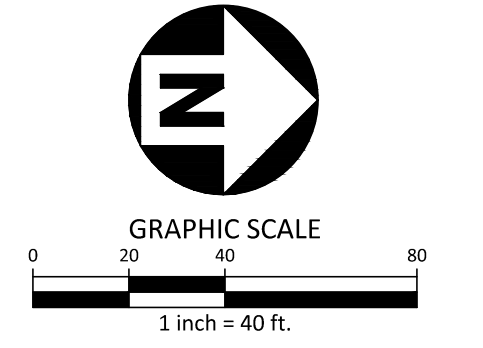
SITE LEGEND

- ▬ PHASE LINE
- ▬ PROPERTY LINE
- ▬ RIGHT-OF-WAY LINE
- ▬ LOT LINE
- ▬ EASEMENT LINE
- ▬ CENTERLINE
- ▬ 10' LANDSCAPE BUFFER/EASEMENT
- ▬ 3' CITY OF RALEIGH EASEMENT
- ▬ 5' ACCESS, MAINTENANCE AND UTILITY EASEMENT (ALLEYS)

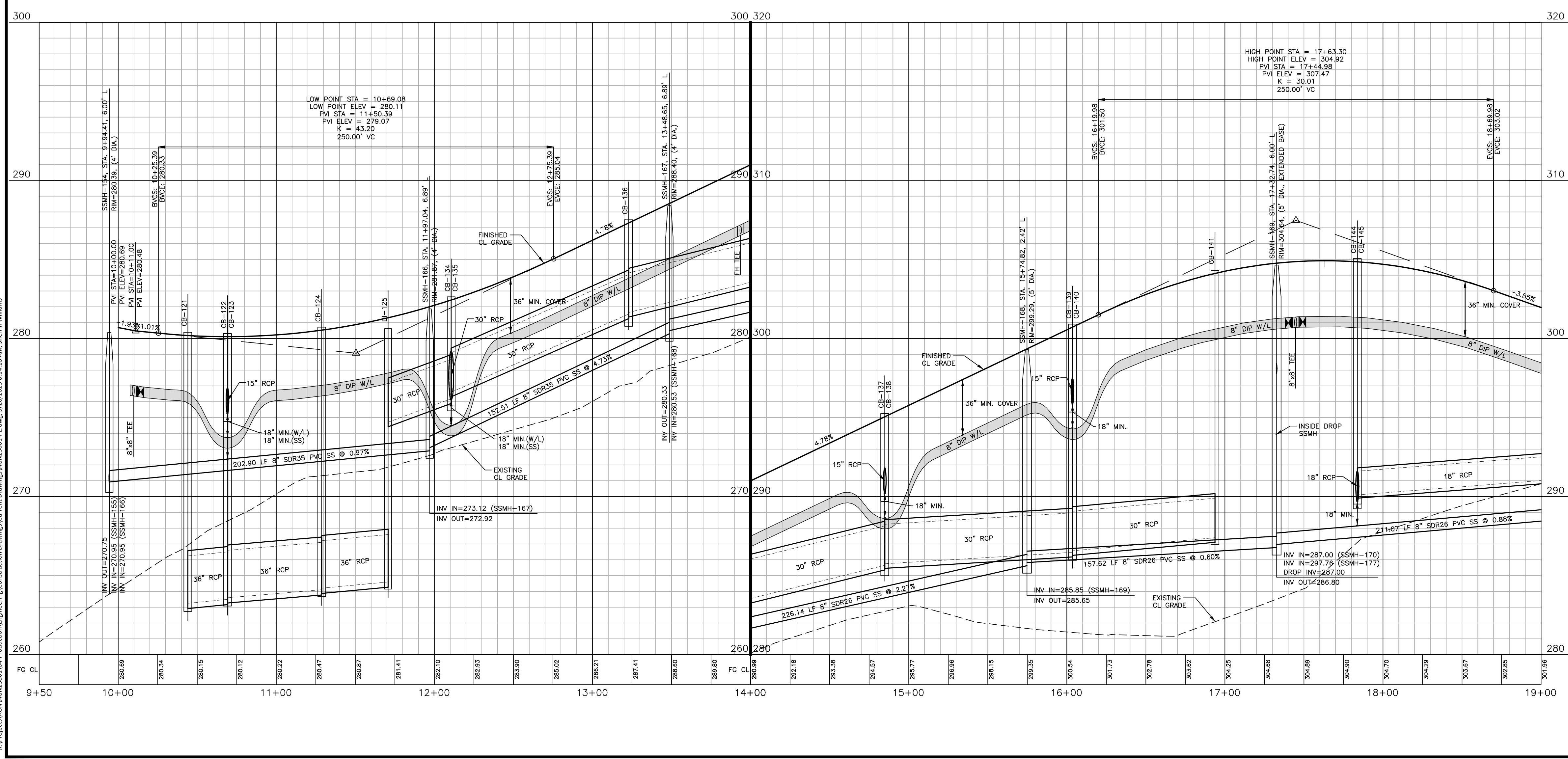
CB-121 STA. 10+44.02 T/C=280.39 INV IN=263.25 (CB-122) INV OUT=263.15	CB-137 STA. 14+84.90 T/C=295.25 INV IN=285.75 (CB-139) INV OUT=285.65
CB-122 STA. 10+69.11 T/C=280.31 INV IN=263.60 (CB-124) INV OUT=263.50	CB-138 STA. 14+84.90 T/C=295.25 INV IN=285.75 (CB-141) INV OUT=285.65
CB-123 STA. 10+69.11 T/C=280.31 INV IN=264.20 (DI-125) INV OUT=264.10	CB-139 STA. 18+03.59 T/C=300.91 INV IN=286.57 (CB-141) INV OUT=286.47
CB-124 STA. 11+28.72 T/C=280.72 INV IN=264.20 (DI-125) INV OUT=264.10	CB-140 STA. 16+03.59 T/C=300.91 INV IN=286.57 (CB-141) INV OUT=286.47
CB-125 STA. 12+10.62 T/C=282.63 INV IN=276.30 (CB-135) INV OUT=276.18	CB-141 STA. 16+93.74 T/C=304.31 INV IN=287.50 (CB-142) INV OUT=287.40
CB-126 STA. 12+10.62 T/C=282.63 INV IN=276.60 (CB-136) INV OUT=276.50	CB-142 STA. 17+83.74 T/C=305.05 INV IN=289.80 (CB-145) INV OUT=289.70
CB-127 STA. 13+22.89 T/C=287.51 INV IN=281.65 (CB-137) INV OUT=281.55	CB-143 STA. 17+83.74 T/C=305.05 INV IN=290.10 (CB-146) INV OUT=290.00

KEY LEGEND

- ① ACCESSIBLE RAMP
- ② TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE NCDOT DETAILS 848.06, SHEET CB.01
- ③ PRIVATE STORM DRAINAGE EASEMENT
- ④ PUBLIC STORM DRAINAGE EASEMENT



CONSTANCE ROW DRIVE



Public
Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

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AGNC
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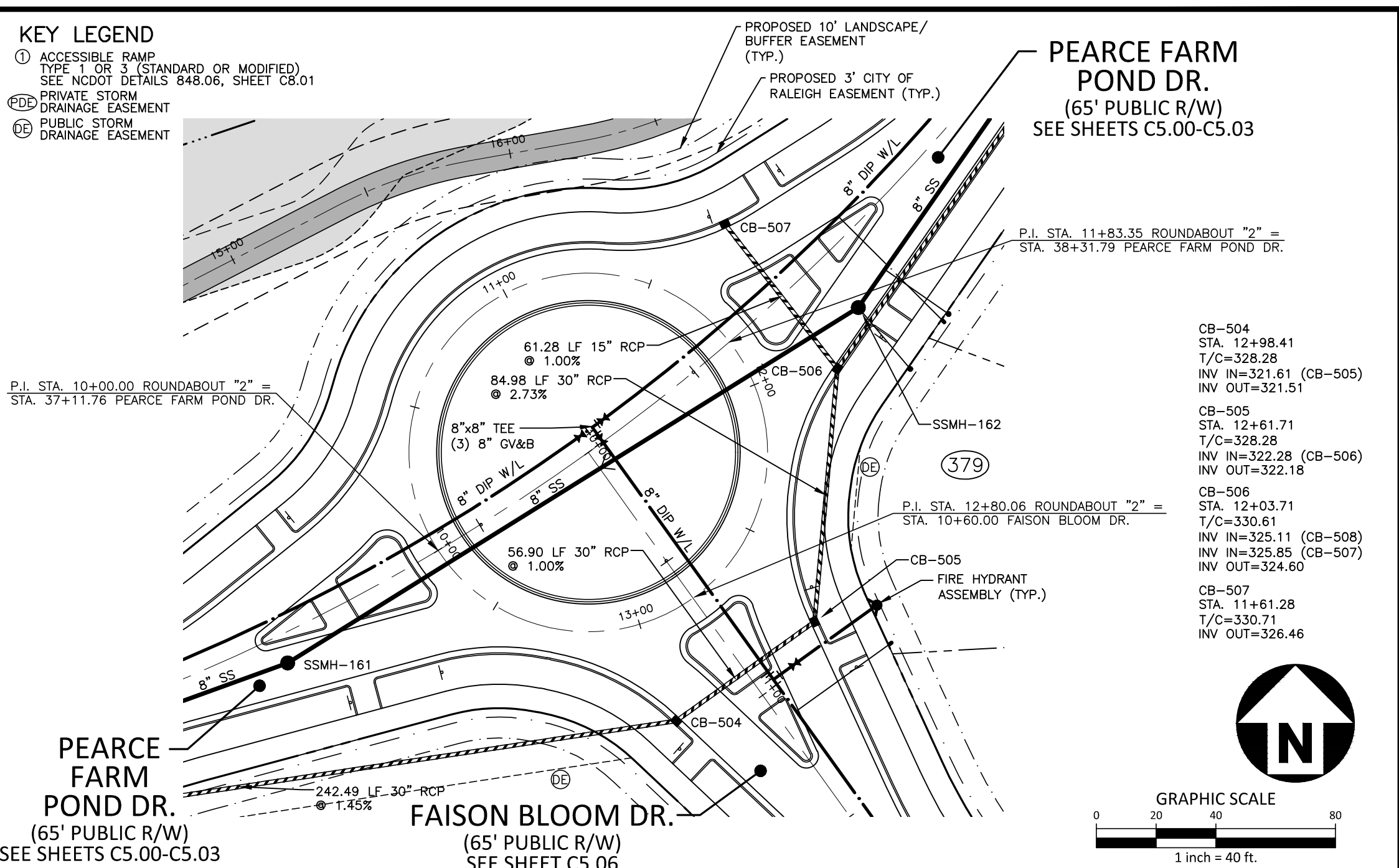
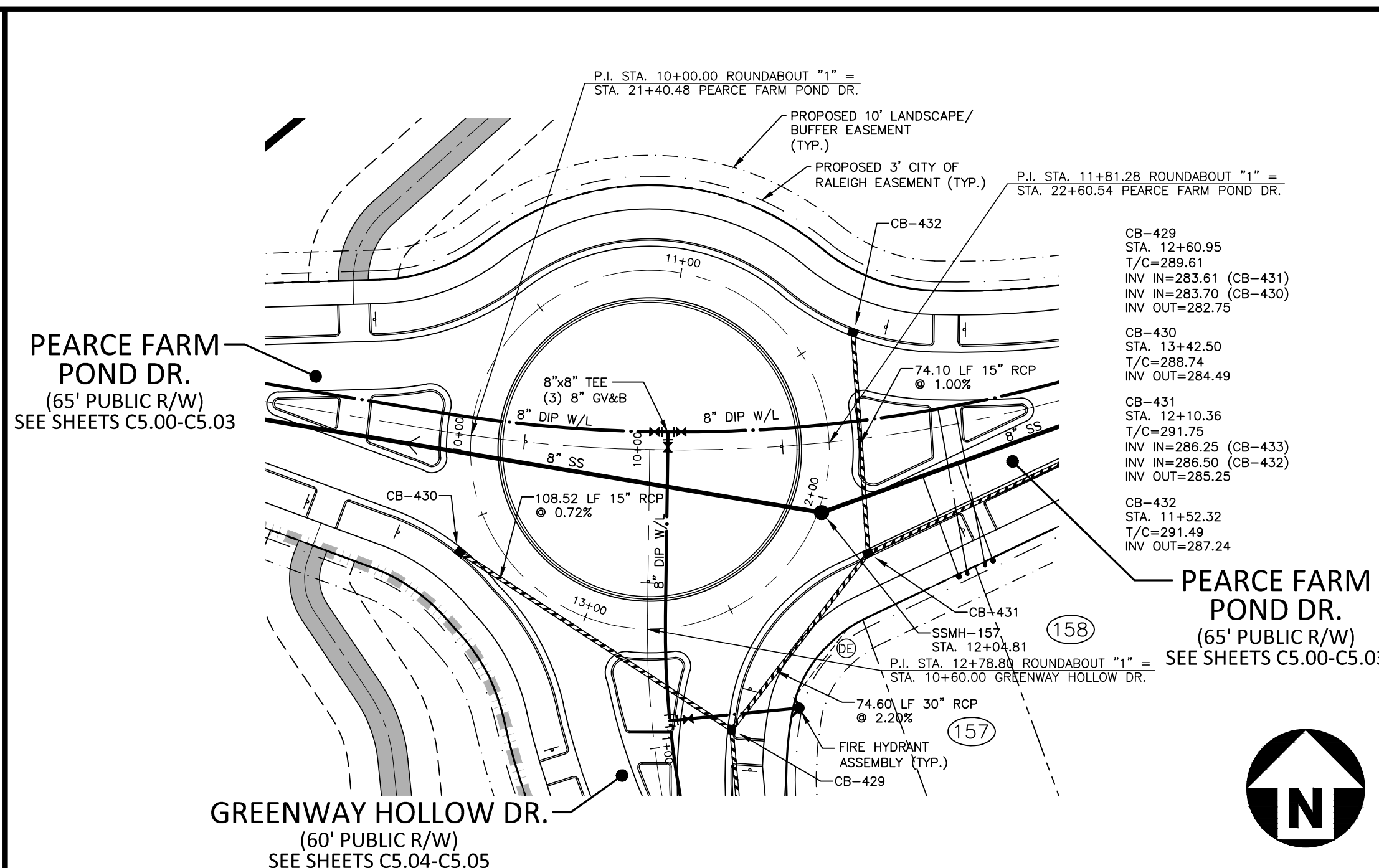
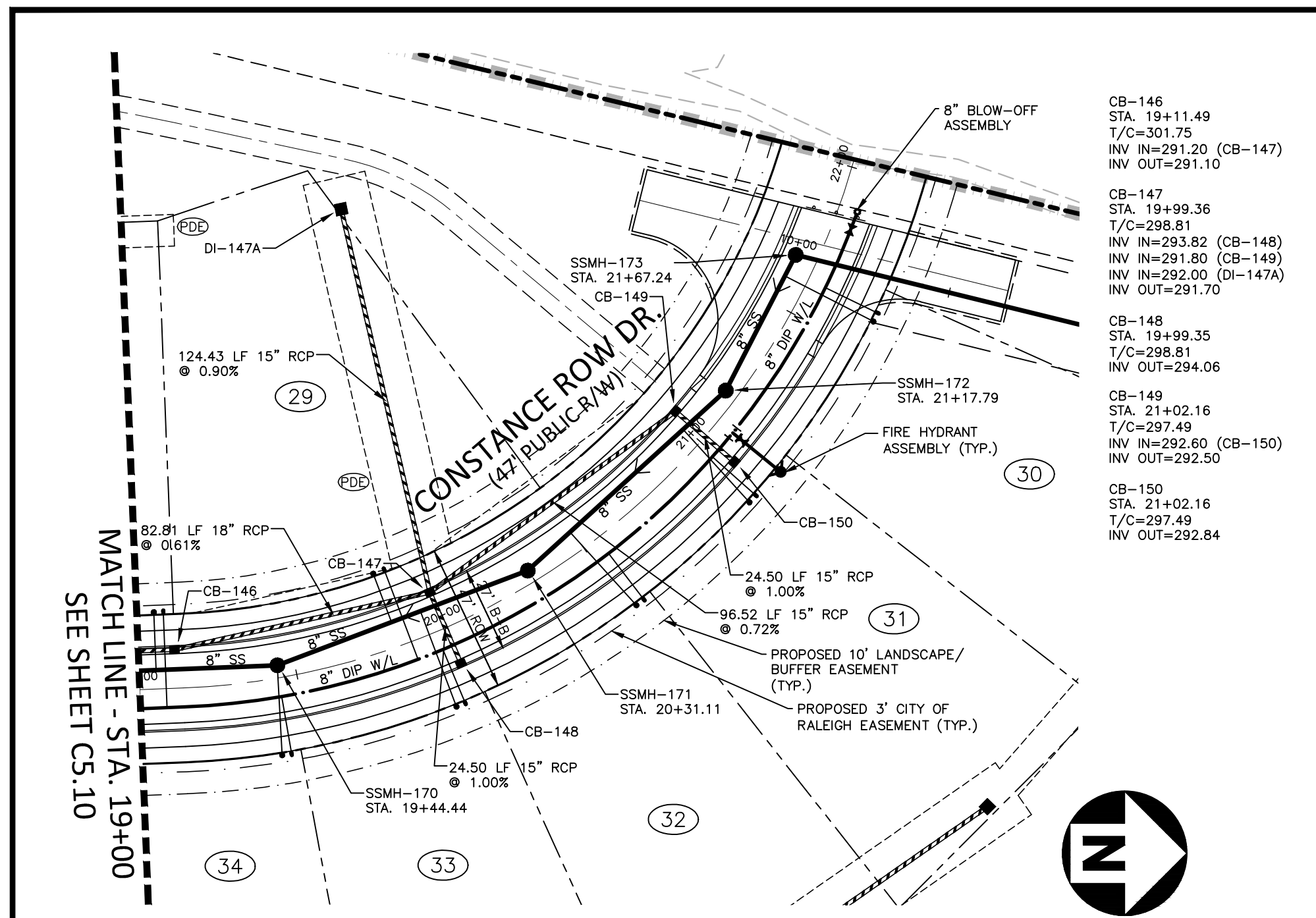
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

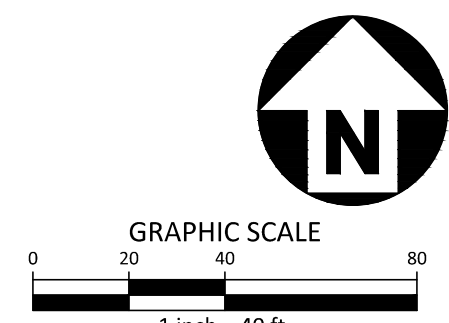
PROJECT NO.	AGN23001
FILENAME	AGN23001-P2
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
CONSTANCE ROW DR., STA. 9+50 THRU STA. 19+00

C5.10



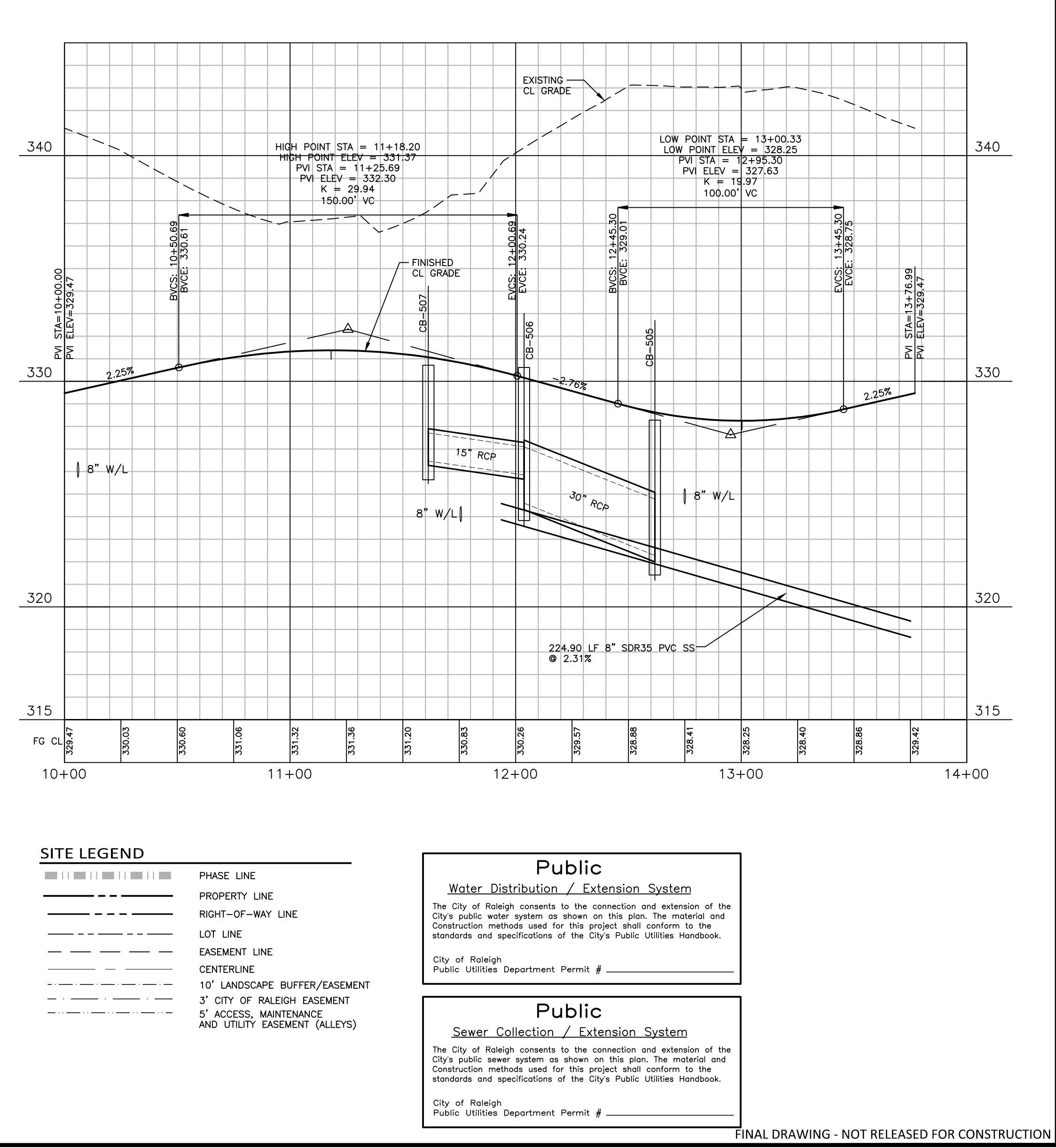
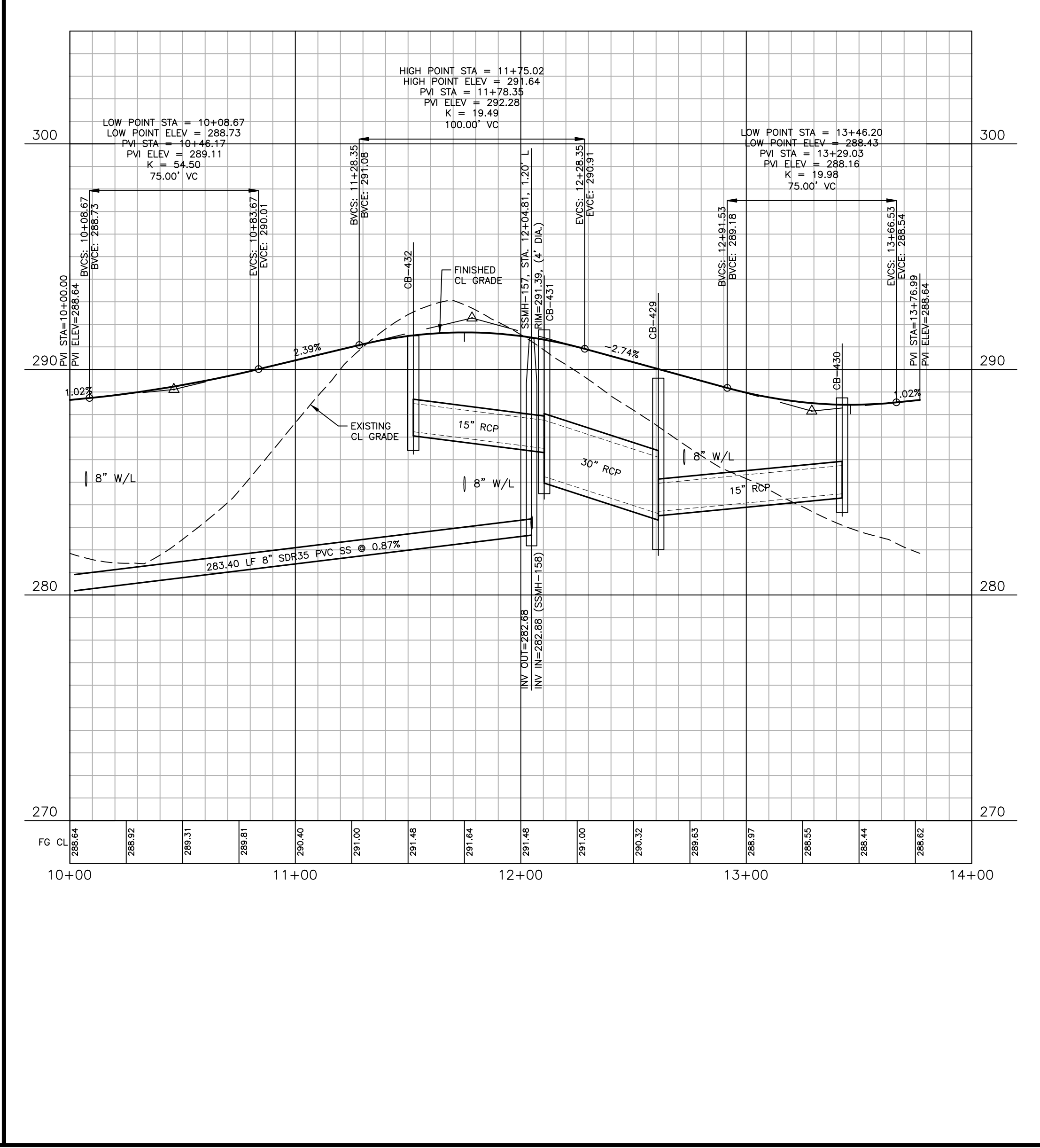
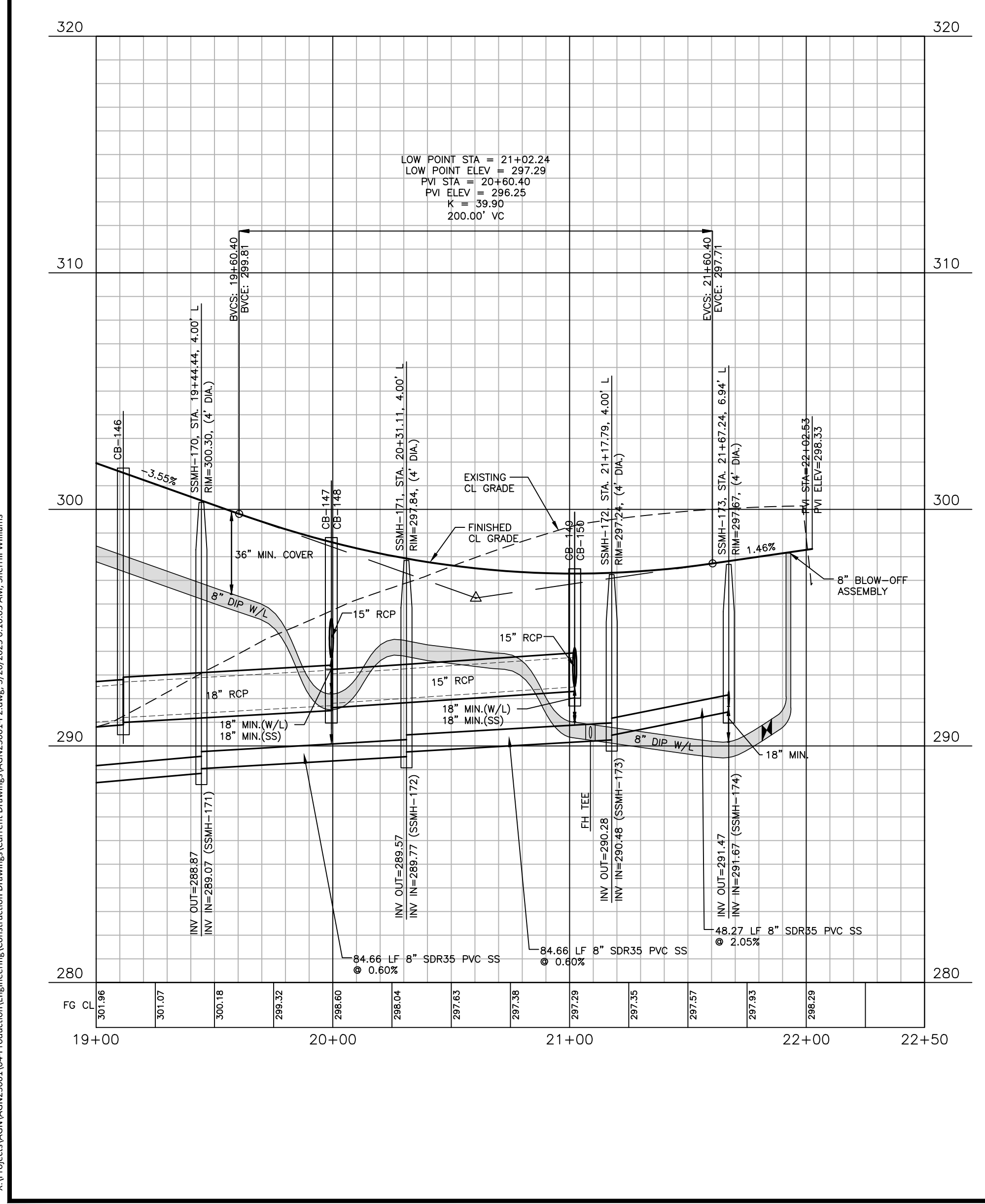
- KEY LEGEND**
- ① ACCESSIBLE RAMP
 - ② TYPE "B" OR "S" (STANDARD OR MODIFIED) SEE NCDOT DETAILS 848.06, SHEET CB.01
 - ③ PRIVATE STORM DRAINAGE EASEMENT
 - ④ PUBLIC STORM DRAINAGE EASEMENT



CONSTANCE ROW DRIVE

ROUNDABOUT "1"

ROUNDABOUT "2"



- SITE LEGEND**
- PHASE LINE
 - PROPERTY LINE
 - RIGHT-OF-WAY LINE
 - LOT LINE
 - EASEMENT LINE
 - CENTERLINE
 - 10' LANDSCAPE BUFFER/EASEMENT
 - 3' CITY OF RALEIGH EASEMENT
 - 5' ACCESS, MAINTENANCE AND UTILITY EASEMENT (ALLEYS)

Public
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City of Raleigh
Public Utilities Department Permit # _____

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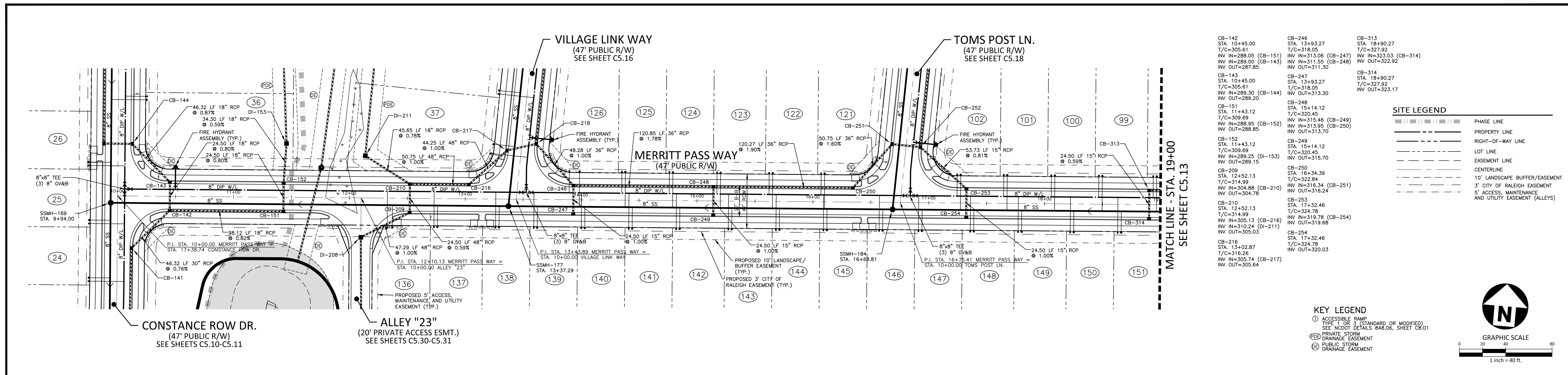
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO. AGN23001
FILENAME AGN23001-P2
CHECKED BY .
DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE
CONSTANCE ROW DR., STA. 19+00 THRU STA. 22+50
ROUNDABOUT "1", STA. 10+00 THRU STA. 14+00
ROUNDABOUT "2", STA. 10+00 THRU STA. 14+00

C5.11

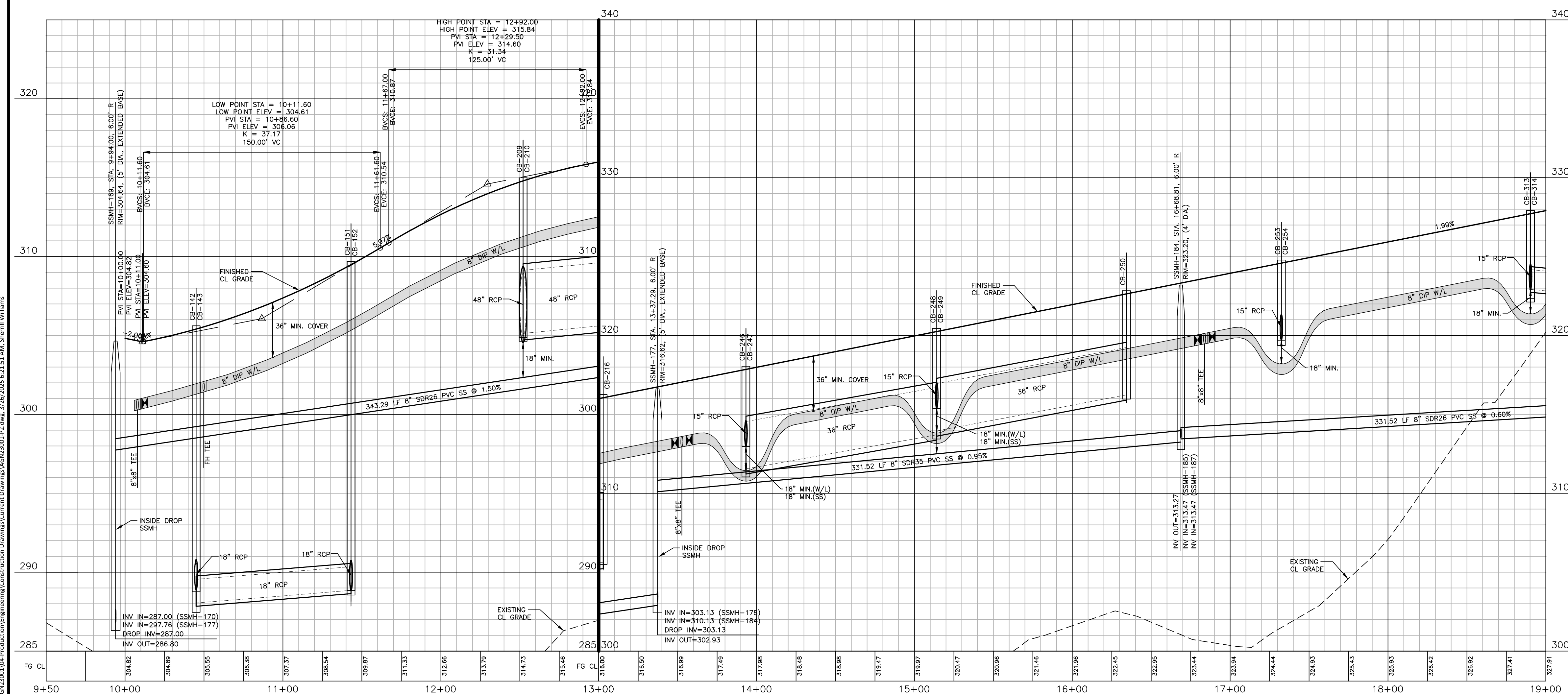


SITE LEGEND	
---	PHASE LINE
---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
---	LOT LINE
---	EASEMENT LINE
---	CENTERLINE
---	10' LANDSCAPE BUFFER/EASEMENT
---	3' CITY OF RALEIGH EASEMENT
---	5' ACCESS, MAINTENANCE AND UTILITY EASEMENT (ALLEYS)

KEY LEGEND	
(R)	ACCESSIBLE RAMP
(M)	TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE NDOT DETAILS 848.06, SHEET C6.01
(P)	PRIVATE STORM DRAINAGE EASEMENT
(C)	PUBLIC STORM DRAINAGE EASEMENT

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

MERRITT PASS WAY



Public
Water Distribution / Extension System

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PEARCE FARM - PHASES 1-3

CONSTRUCTION DRAWINGS - PACKAGE 1

BURLINGTON MILLS ROAD
 TOWN OF ROLESVILLE, NORTH CAROLINA

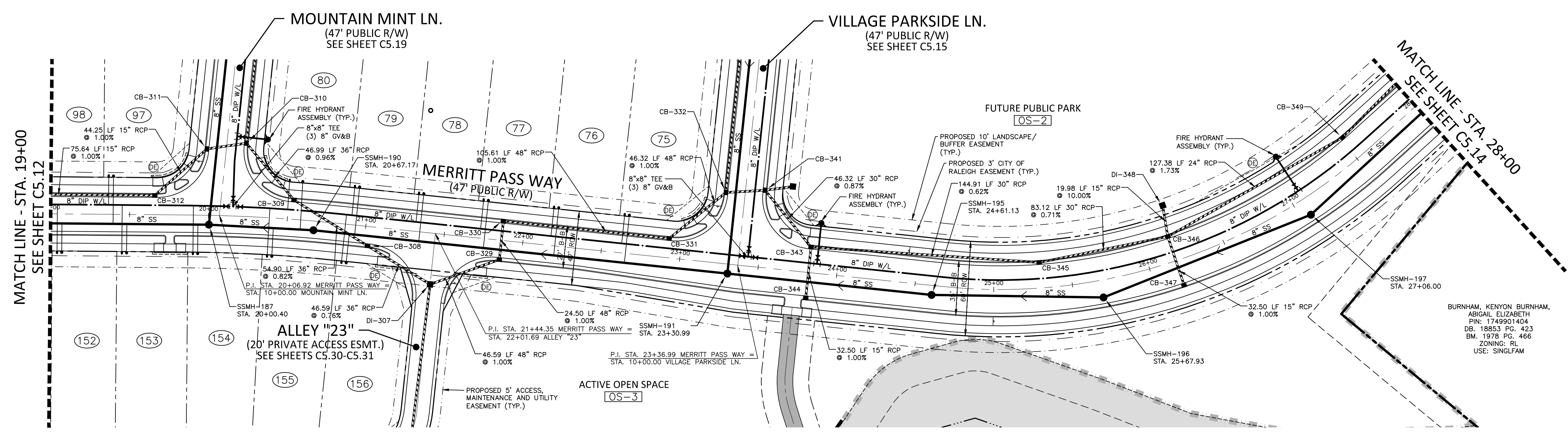
CID-24-08

PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P2
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
 MERRITT PASS WAY, STA. 9+50 THRU STA. 19+00

C5.12



SITE LEGEND

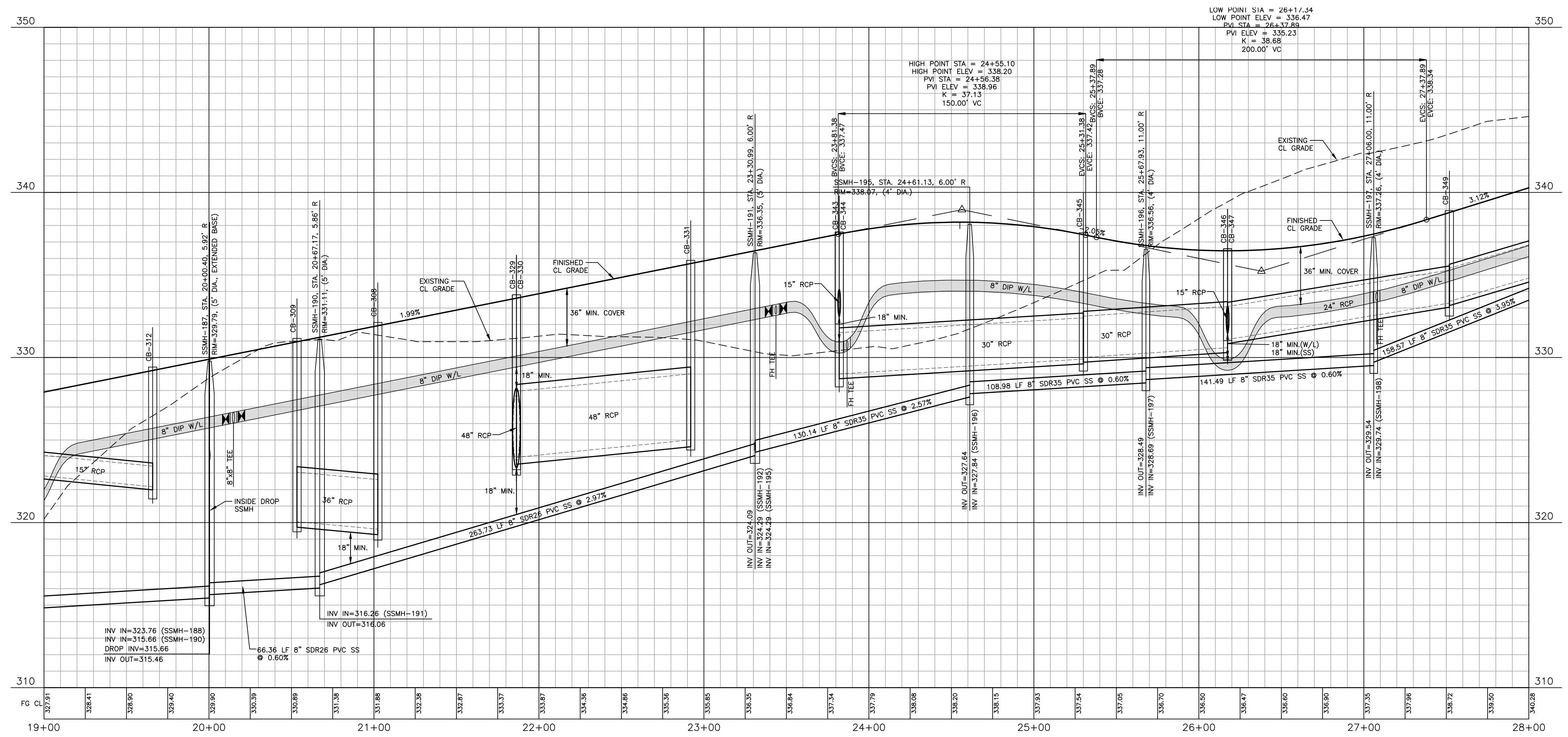
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KEY LEGEND

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- PUBLIC STORM DRAINAGE EASEMENT

GRAPHIC SCALE
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MERRITT PASS WAY



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

PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

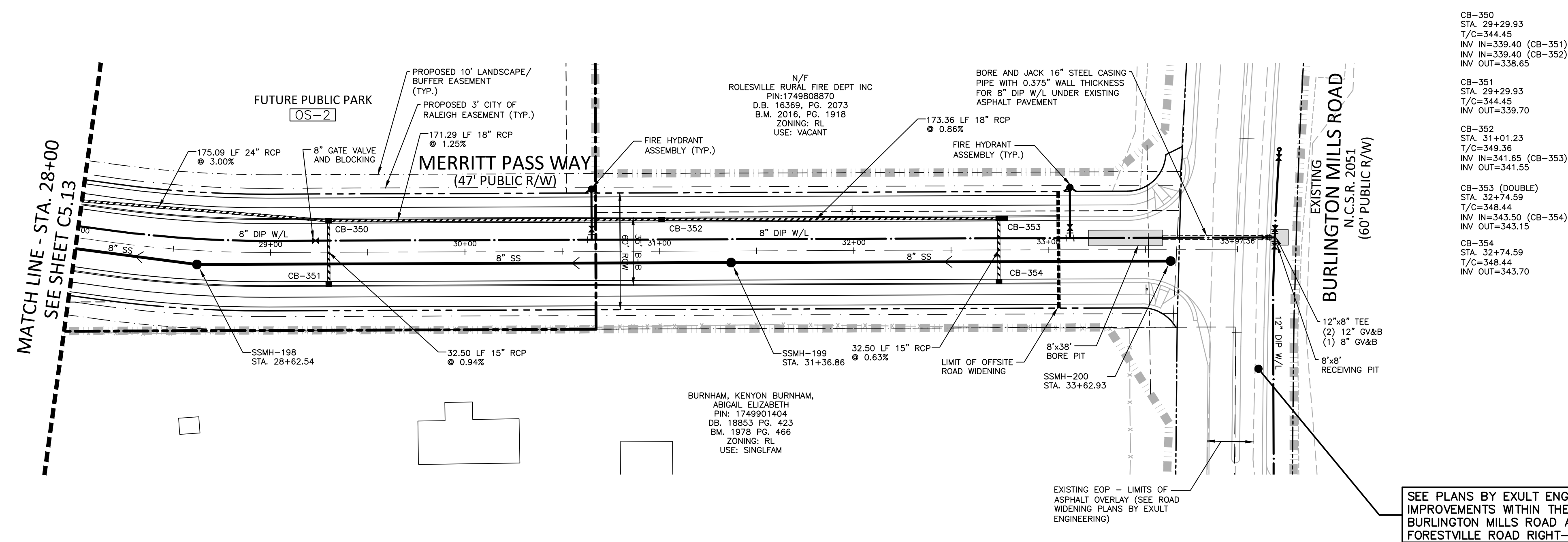
PLAN INFORMATION

CID-24-08

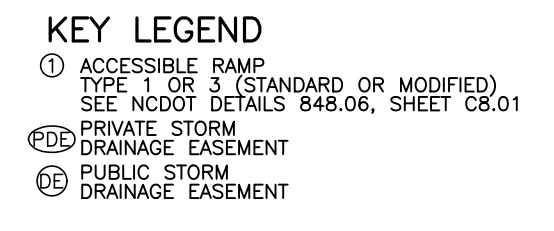
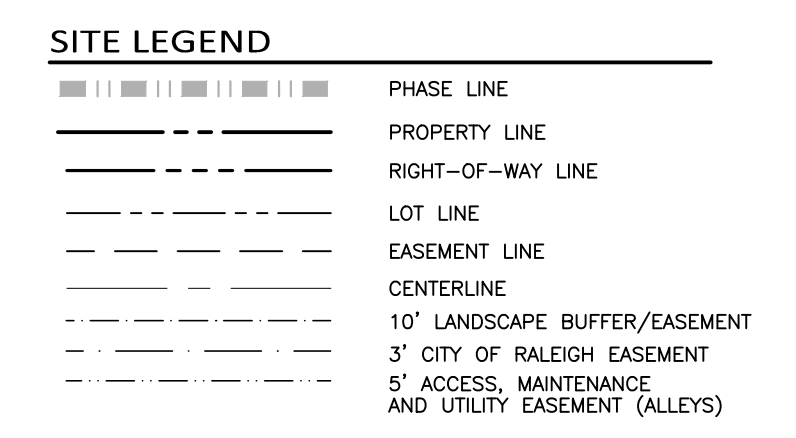
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FILENAME AGN23001-P2
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SCALE 1"=40'/1"=4'
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PLAN AND PROFILE
MERRITT PASS WAY, STA. 19+00 THRU STA. 28+00

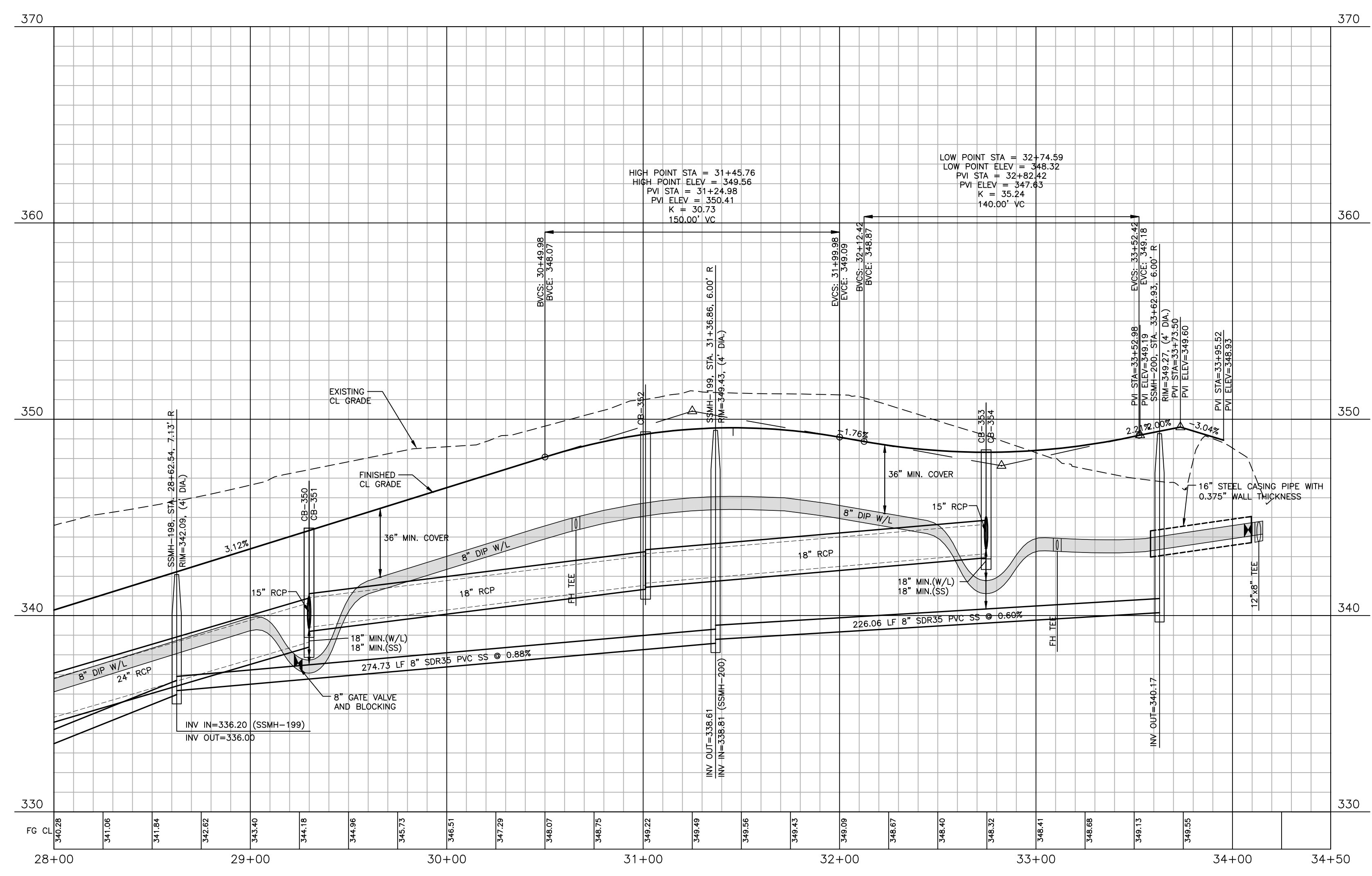
C5.13



SEE PLANS BY EXULT ENGINEERING FOR IMPROVEMENTS WITHIN THE PROPOSED BURLINGTON MILLS ROAD AND FORESTVILLE ROAD RIGHT-OF-WAYS



MERRITT PASS WAY



Public
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X:\Projects\AGN23001\04-Production\Engineering\Construction Drawings\AGN23001_PP.dwg, 3/26/2025 6:23:18 AM, Sherrill Williams

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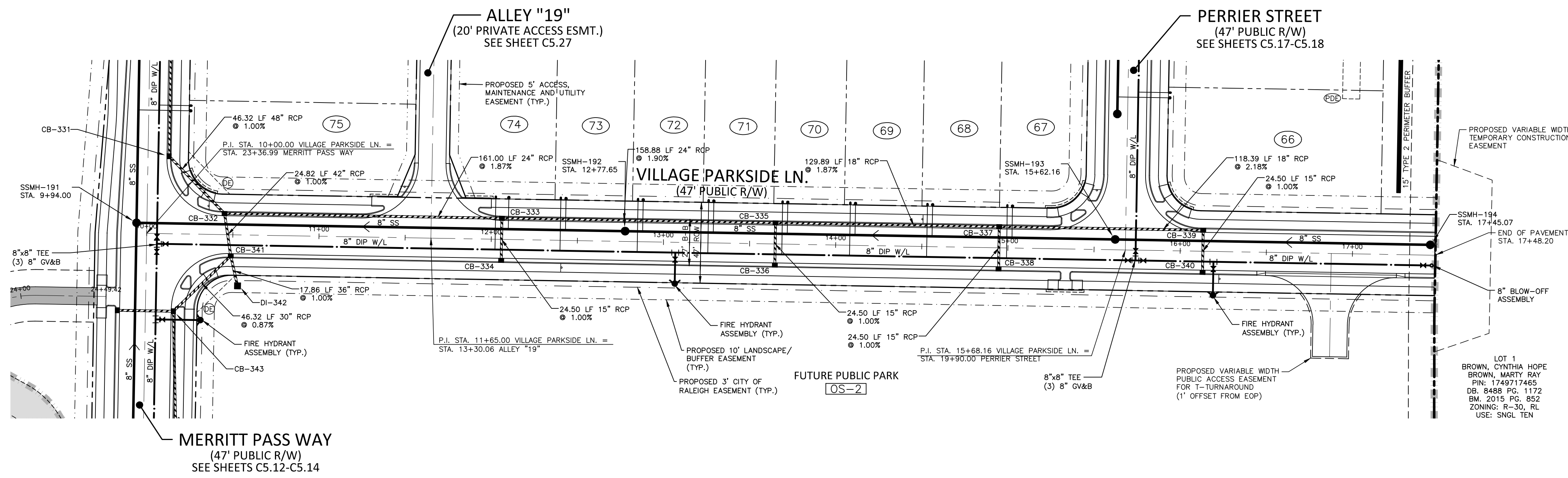
PEARCE FARM - PHASES 1-3
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TOWN OF ROLESVILLE, NORTH CAROLINA

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DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

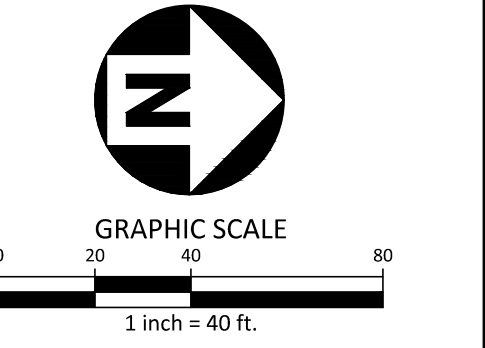
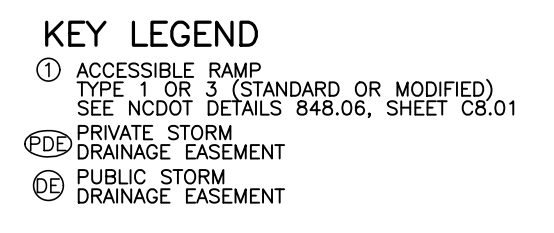
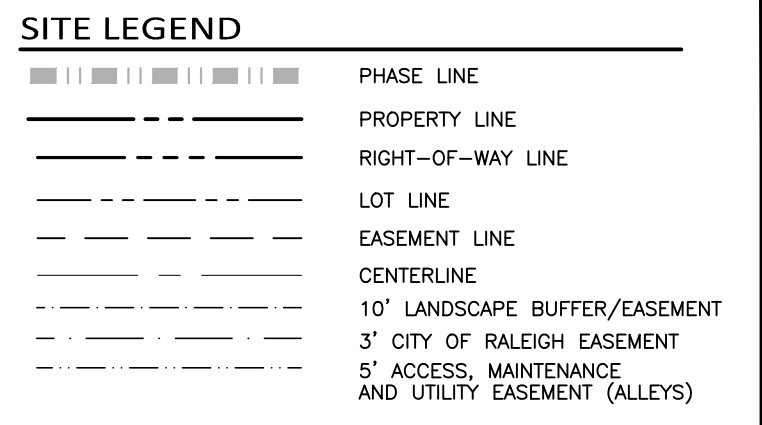
PLAN AND PROFILE
MERRITT PASS WAY, STA. 28+00 THRU STA. 34+00

C5.14

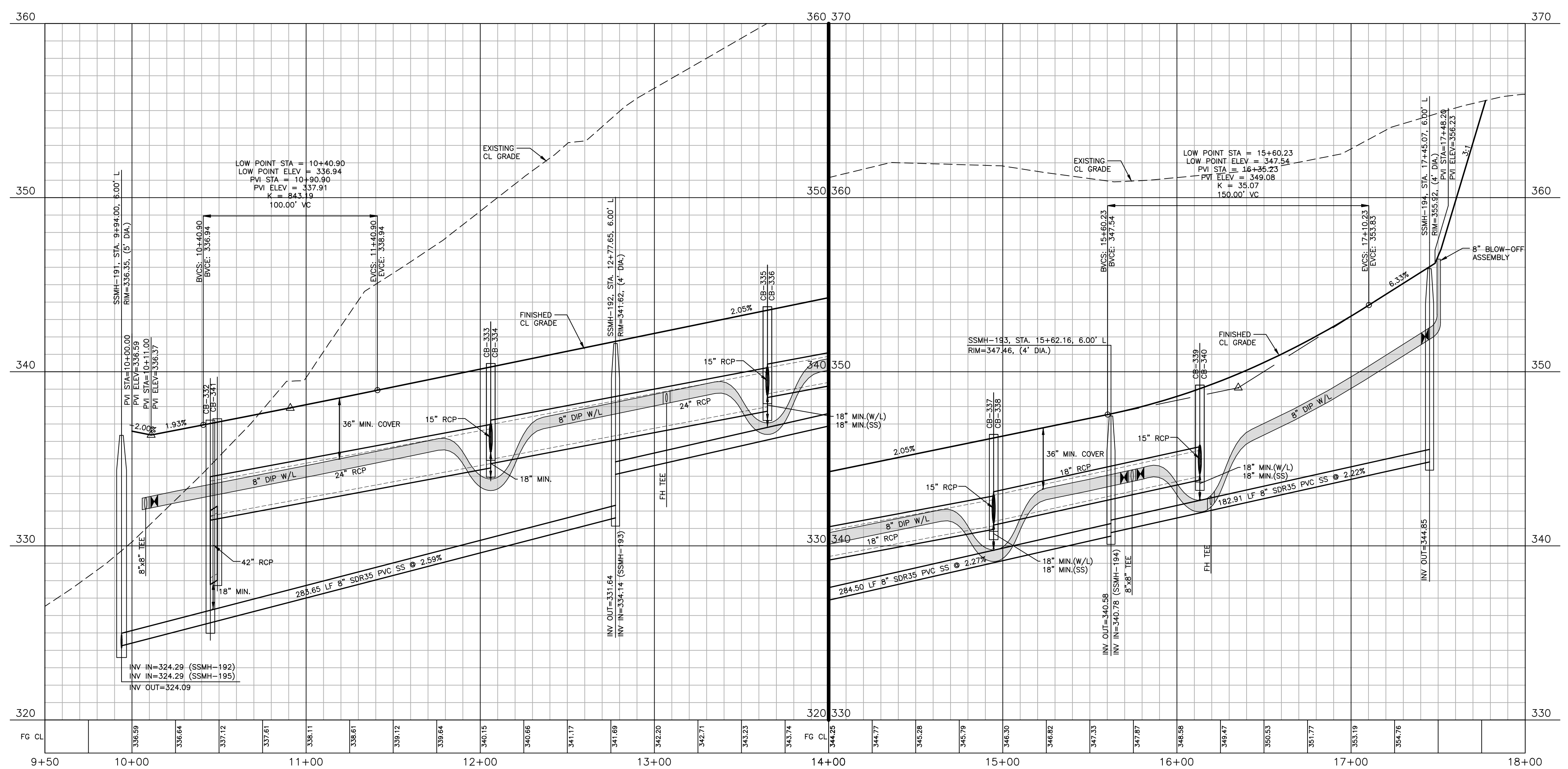
CID-24-08



CB-332	STA. 10+45.00	CB-337	STA. 14+94.76
T/C=337.22	INV IN=328.15 (CB-341)	T/C=346.40	INV IN=341.40 (CB-338)
INV IN=331.72 (CB-333)	INV IN=341.40 (CB-339)	INV IN=341.16	INV IN=341.16
INV OUT=325.57			
CB-333	STA. 12+06.00	CB-339	STA. 16+13.16
T/C=340.47	INV IN=335.48 (CB-334)	T/C=349.23	INV IN=344.24 (CB-340)
INV IN=334.97 (CB-335)	INV IN=343.98	INV IN=343.98	INV IN=343.98
INV OUT=334.72			
CB-334	STA. 12+06.00	CB-340	STA. 16+13.16
T/C=340.47	INV IN=340.47	T/C=349.23	INV IN=344.48
INV OUT=335.72			
CB-335	STA. 13+64.88	CB-341	STA. 10+49.00
T/C=343.73	INV IN=328.50 (CB-343)	T/C=337.30	INV IN=328.50 (CB-342)
INV IN=338.74 (CB-336)	INV IN=329.06 (DI-342)	INV IN=328.40	INV IN=328.40
INV OUT=337.98			
CB-336	STA. 13+64.88	CB-338	STA. 14+94.76
T/C=343.73	INV IN=328.50 (CB-343)	T/C=346.40	INV IN=346.40
INV IN=338.74 (CB-336)	INV IN=329.06 (DI-342)	INV IN=341.65	INV IN=341.65
INV OUT=337.98			



VILLAGE PARKSIDE LANE



Public
Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

Public
Sewer Collection / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

X:\Projects\AGN23001\04-Production\Engineering\Construction Drawings\Current Drawings\AGN23001.P2.dwg, 3/26/2025 6:23:57 AM, Sherill Williams

The John R. McAdams Company, Inc.
2905 Meridian Parkway
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phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

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CLIENT
ALLIANCE GROUP OF NC, LLC
7208 FALLS OF NEUSE RD, SUITE 101
RALEIGH, NORTH CAROLINA 27615
CONTACT: JACOB ANDERSON
PHONE: 919. 239. 9486

REVISIONS

NO.	DATE	REVISION
1	02.03.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS
2	04.01.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS

PEARCE FARM - PHASES 1-3

CONSTRUCTION DRAWINGS - PACKAGE 1

BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

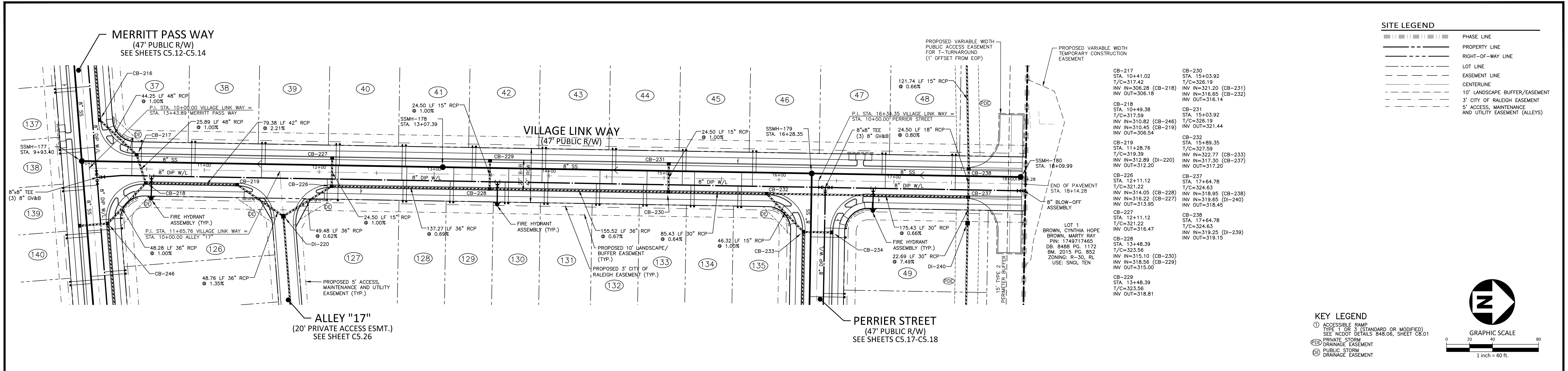
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PLAN INFORMATION

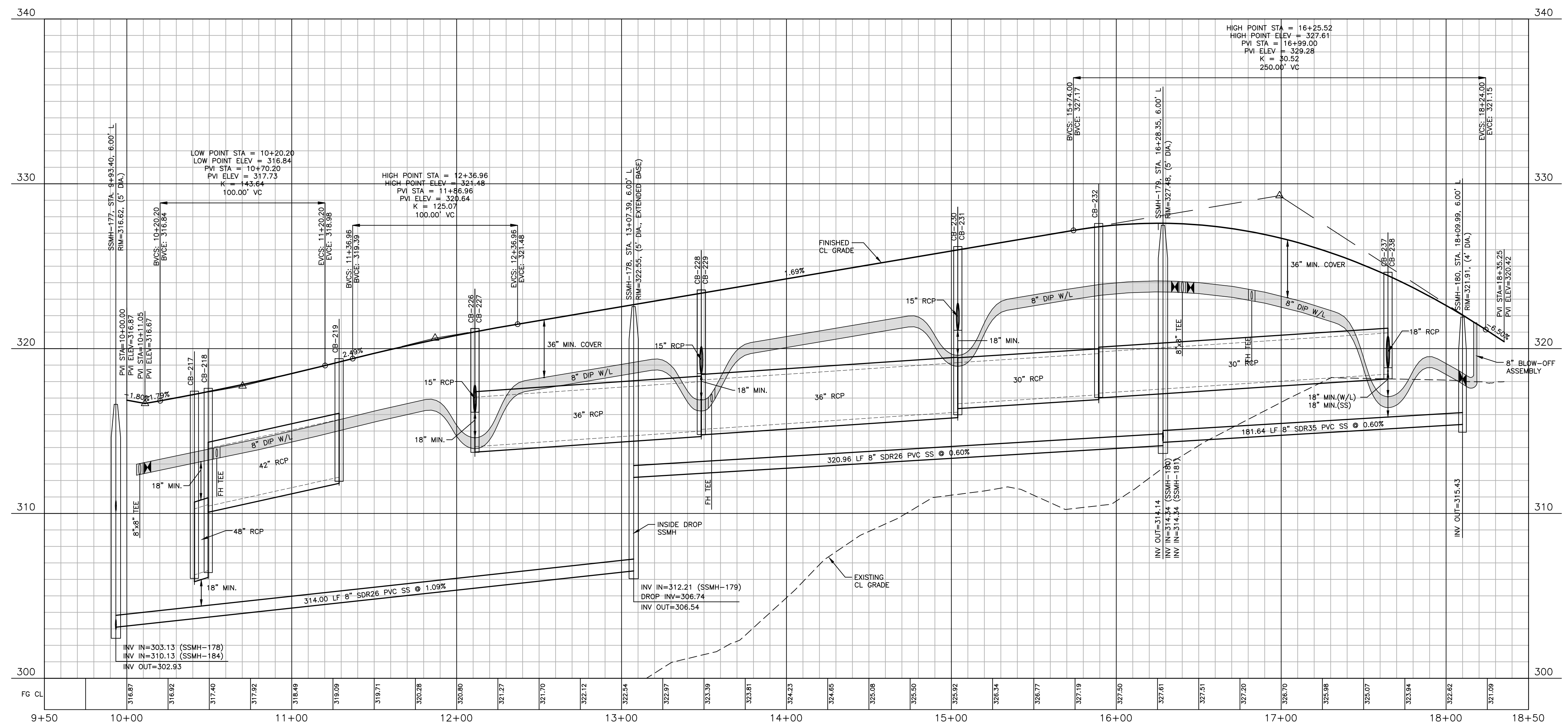
PROJECT NO.	AGN23001
FILENAME	AGN23001-P2
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
VILLAGE PARKSIDE LN., STA. 9+50 THRU STA. 18+00

C5.15



VILLAGE LINK WAY



Public Water Distribution / Extension System

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City of Raleigh
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Public Sewer Collection / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

McAdams

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AGNC
BROKERAGE | CONSULTING | PLANNING

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Professional Engineer Seal
NORTH CAROLINA PROFESSIONAL ENGINEER
SEALED
22630
WILLIAM T. O'DANIEL

PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

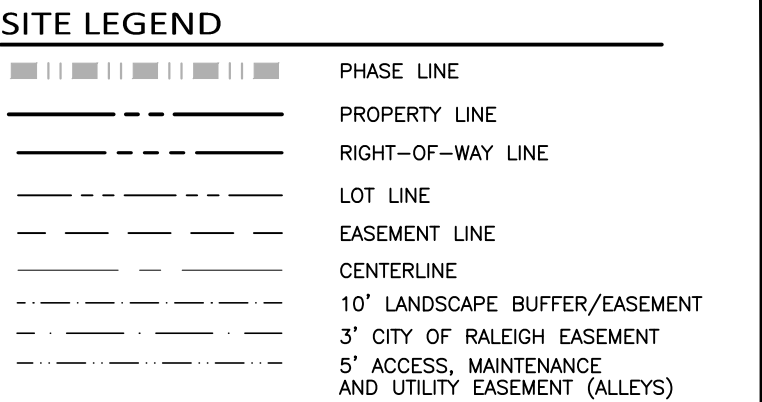
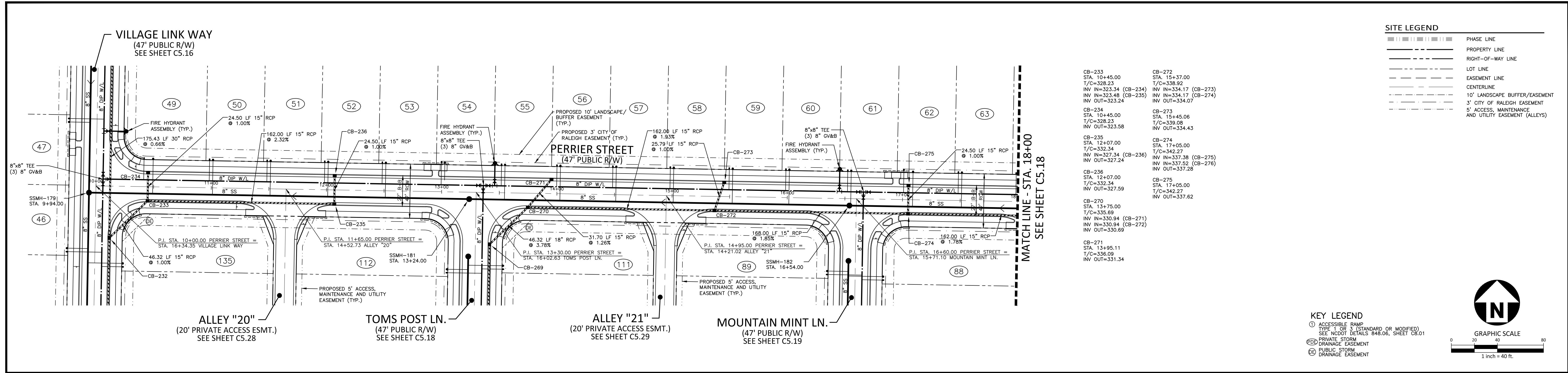
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PLAN INFORMATION

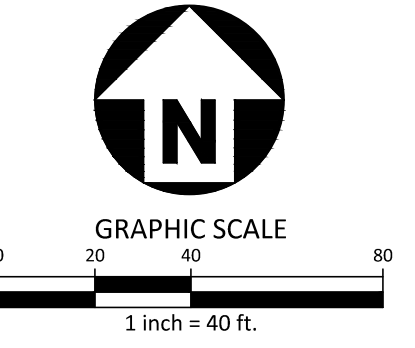
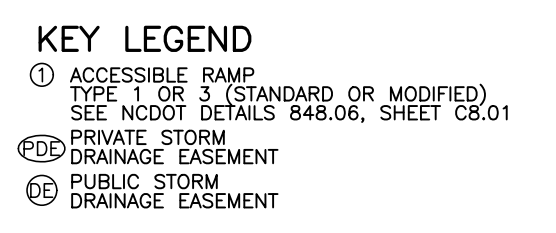
PROJECT NO.	AGN23001
FILENAME	AGN23001-P2
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
VILLAGE LINK WAY, STA. 9+50 THRU STA. 18+50

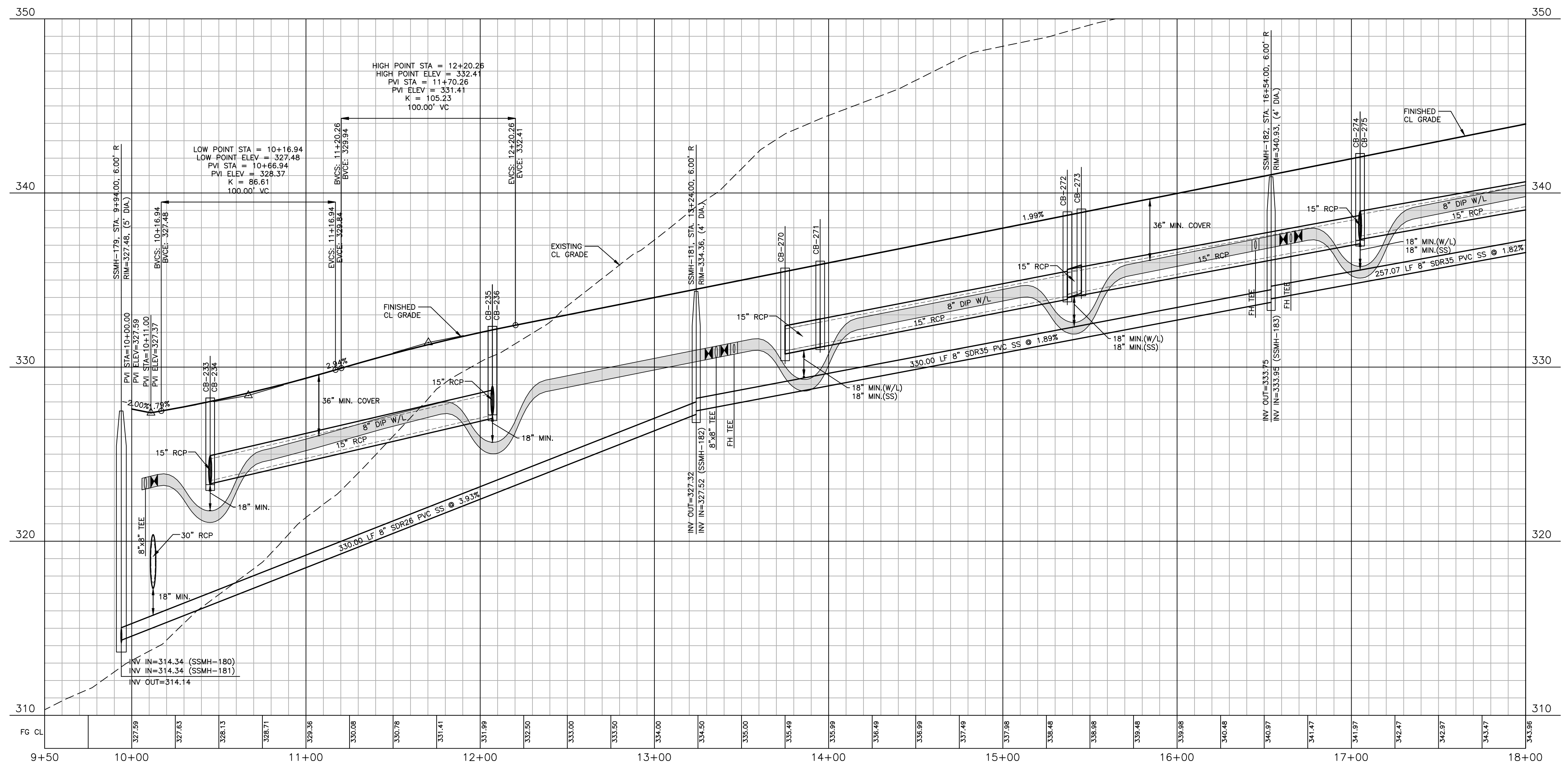
C5.16



CB-233 STA. 10+45.00 T/C=328.23 INV IN=323.34 (CB-234) INV IN=323.48 (CB-235) INV OUT=323.24	CB-272 STA. 15+37.00 T/C=338.92 INV IN=334.17 (CB-273) INV IN=334.17 (CB-274) INV OUT=334.07
CB-234 STA. 10+45.00 T/C=328.23 INV OUT=323.58	CB-273 STA. 15+45.06 T/C=339.08 INV OUT=334.43
CB-235 STA. 12+07.00 T/C=332.34 INV IN=327.34 (CB-236) INV IN=327.52 (CB-276) INV OUT=327.24	CB-274 STA. 17+05.00 T/C=342.27 INV IN=337.38 (CB-275) INV IN=337.52 (CB-276) INV OUT=337.28
CB-236 STA. 12+07.00 T/C=332.34 INV OUT=327.59	CB-275 STA. 17+05.00 T/C=342.27 INV OUT=337.62
CB-270 STA. 13+75.00 T/C=335.69 INV IN=330.94 (CB-271) INV IN=330.94 (CB-272) INV OUT=330.69	
CB-271 STA. 13+95.11 T/C=336.09 INV OUT=331.34	



PERRIER STREET



Public
Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

Public
Sewer Collection / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

X:\Projects\AGN\AGN23001\04-Production\Engineering\Construction Drawings\Current Drawings\AGN23001.P2.dwg, 3/26/2025 6:28:38 AM, Sherrill Williams

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AGNC
BROKERAGE | CONSULTING | PLANNING

REVISIONS

NO.	DATE	REVISION
1	02.03.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS
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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

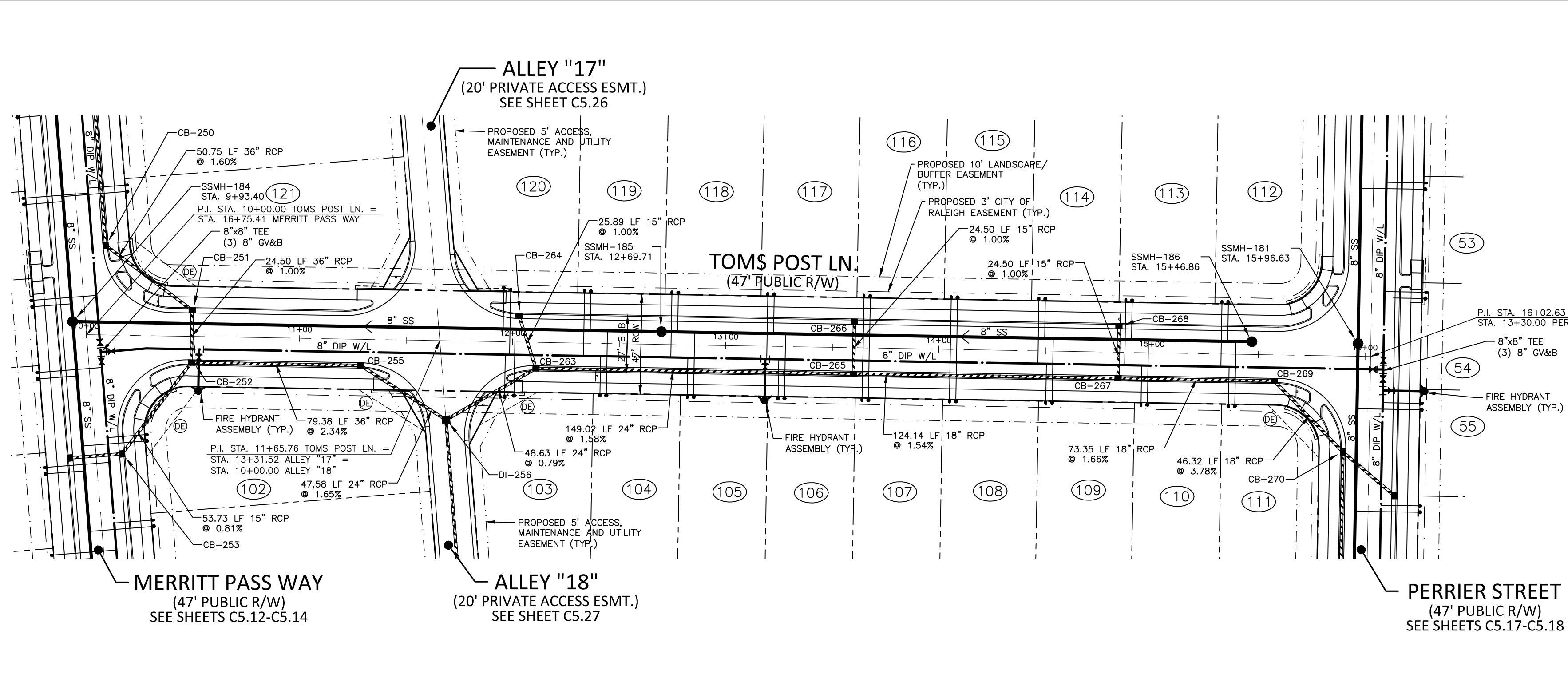
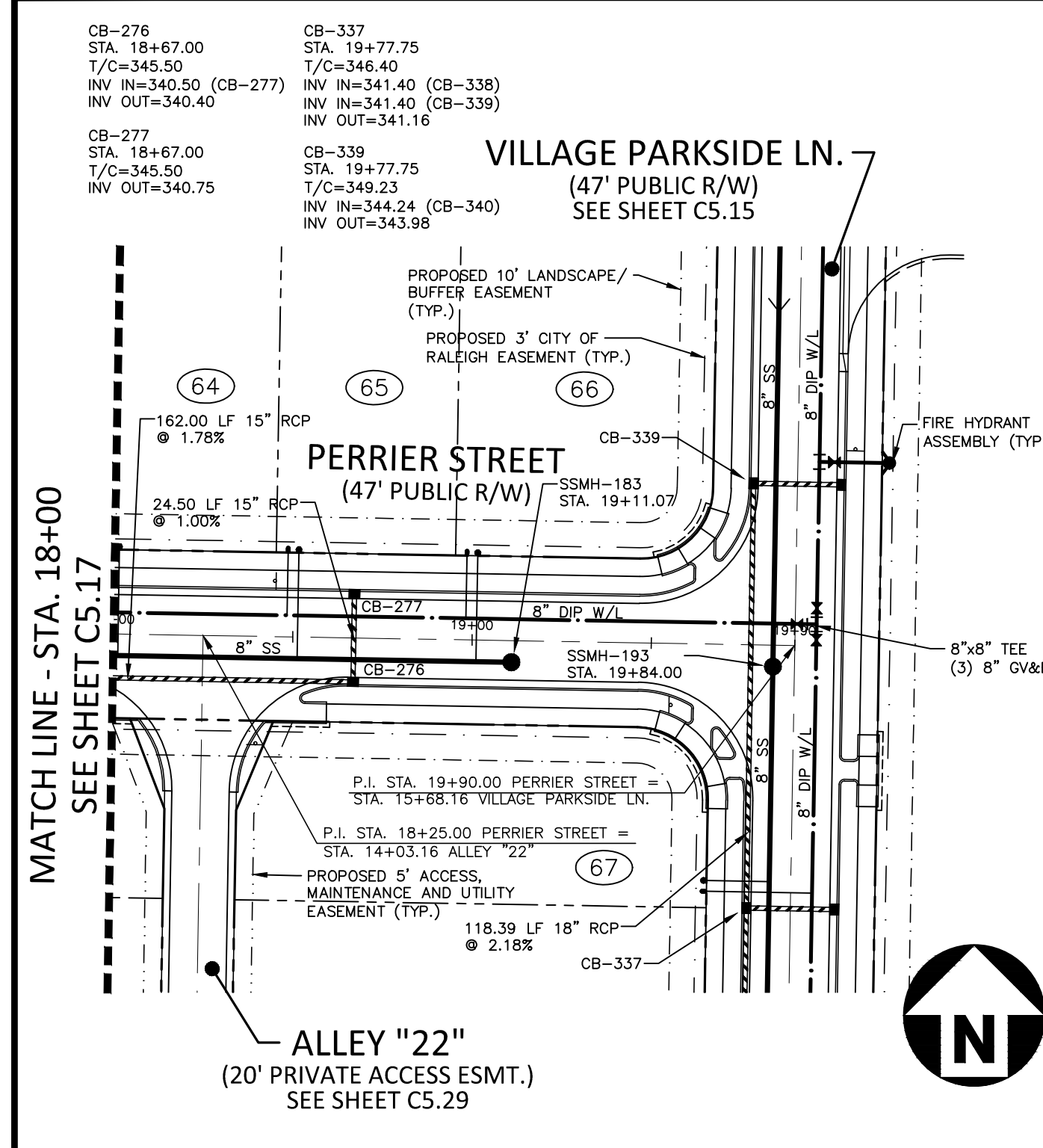
PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P2
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

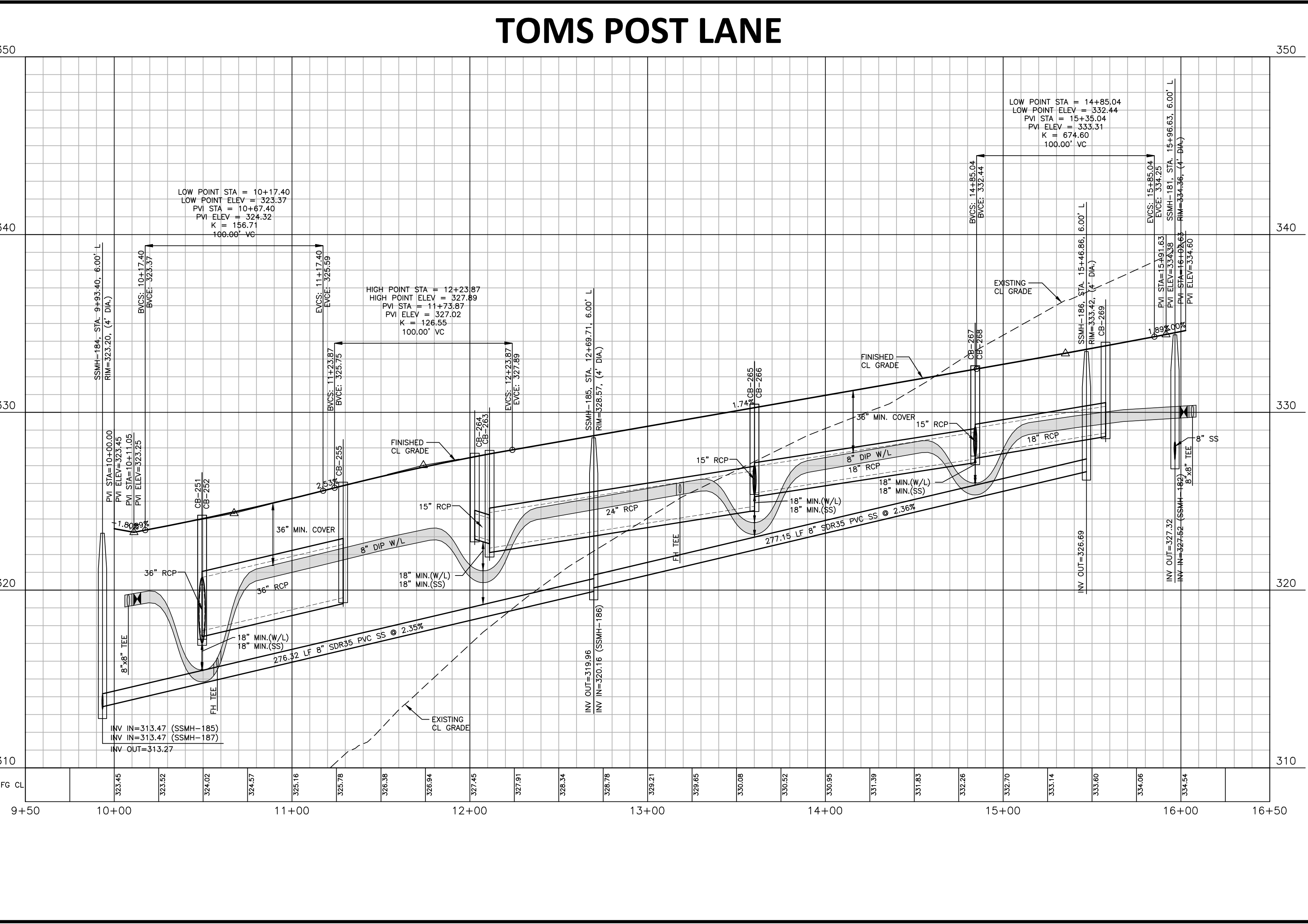
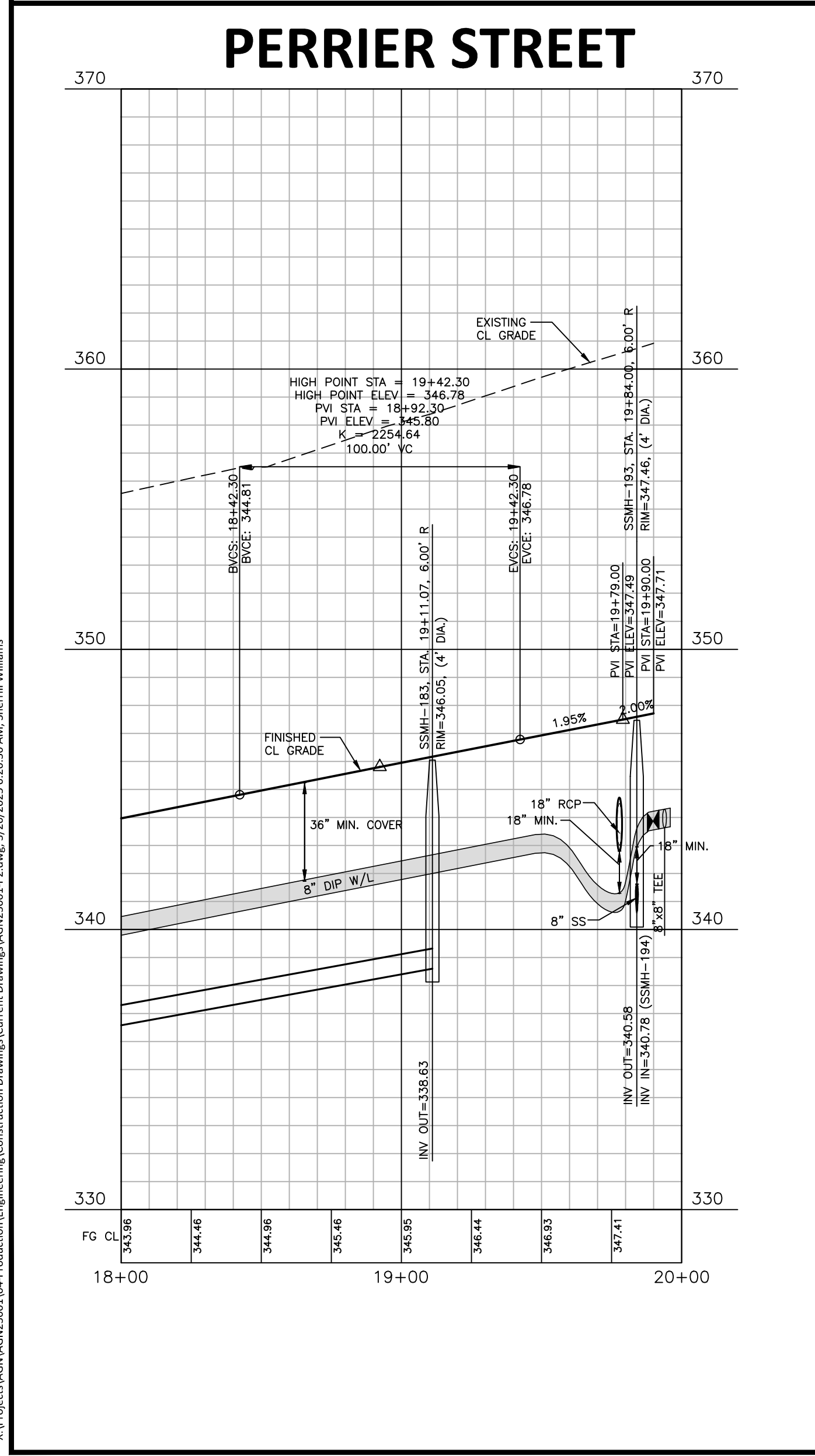
PLAN AND PROFILE
PERRIER STREET, STA. 9+50 THRU STA. 18+00

C5.17

CID-24-08



- KEY LEGEND**
- ACCESSIBLE RAMP TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE NCDOT DETAILS 848.06, SHEET CB.01
 - PRIVATE STORM DRAINAGE EASEMENT
 - PUBLIC STORM DRAINAGE EASEMENT
- SITE LEGEND**
- PHASE LINE
 - PROPERTY LINE
 - RIGHT-OF-WAY LINE
 - LOT LINE
 - EASEMENT LINE
 - CENTERLINE
 - 10' LANDSCAPE BUFFER/EASEMENT
 - 3' CITY OF RALEIGH EASEMENT
 - 5' ACCESS, MAINTENANCE, AND UTILITY EASEMENT (ALLEYS)
- GRAPHIC SCALE**
1 inch = 40 ft.



Public
Water Distribution / Extension System

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Public Utilities Department Permit # _____

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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO. AGN23001
FILENAME AGN23001-P2
CHECKED BY .
DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE
PERRIER STREET, STA. 18+00 THRU STA. 20+00
TOMS POST LN., STA. 9+50 THRU STA. 16+50

C5.18

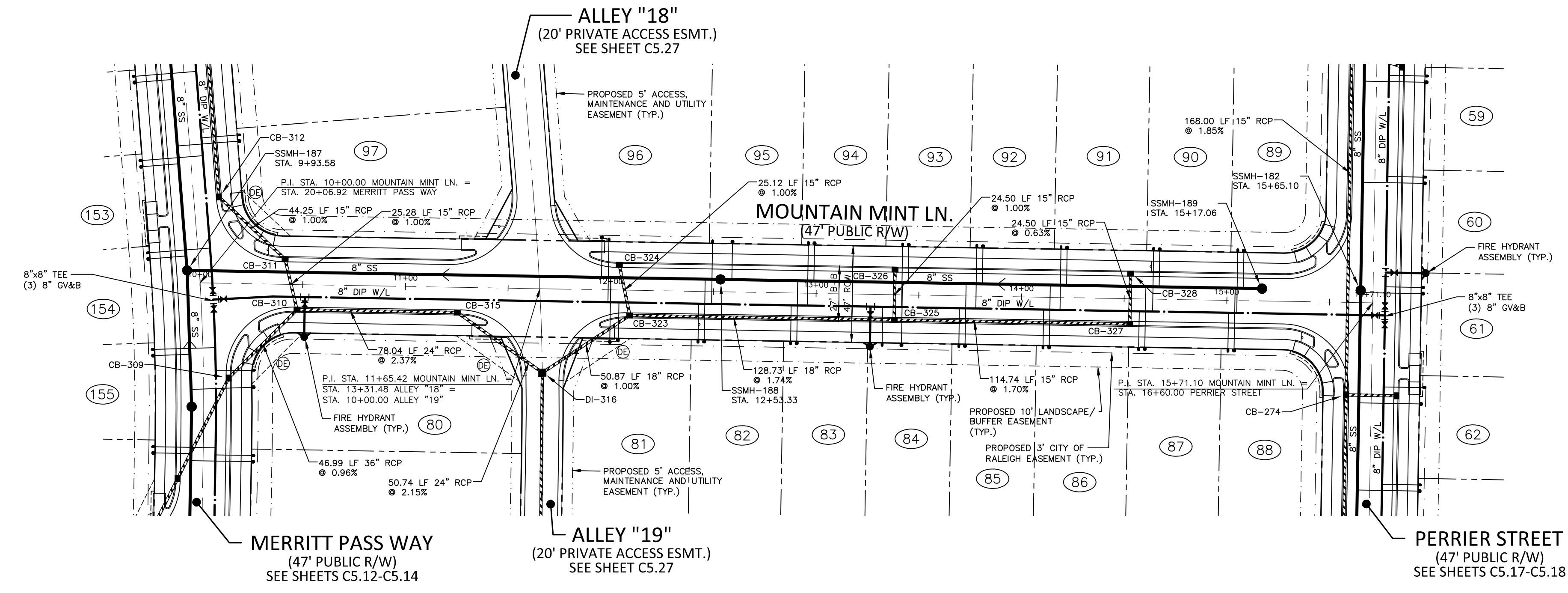
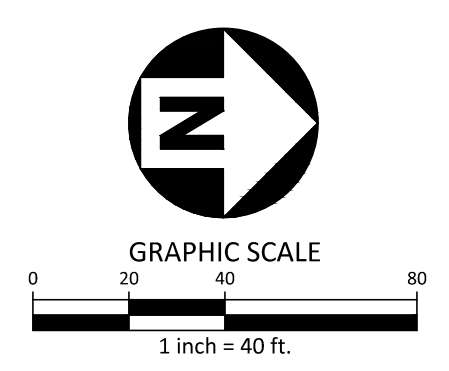
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FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

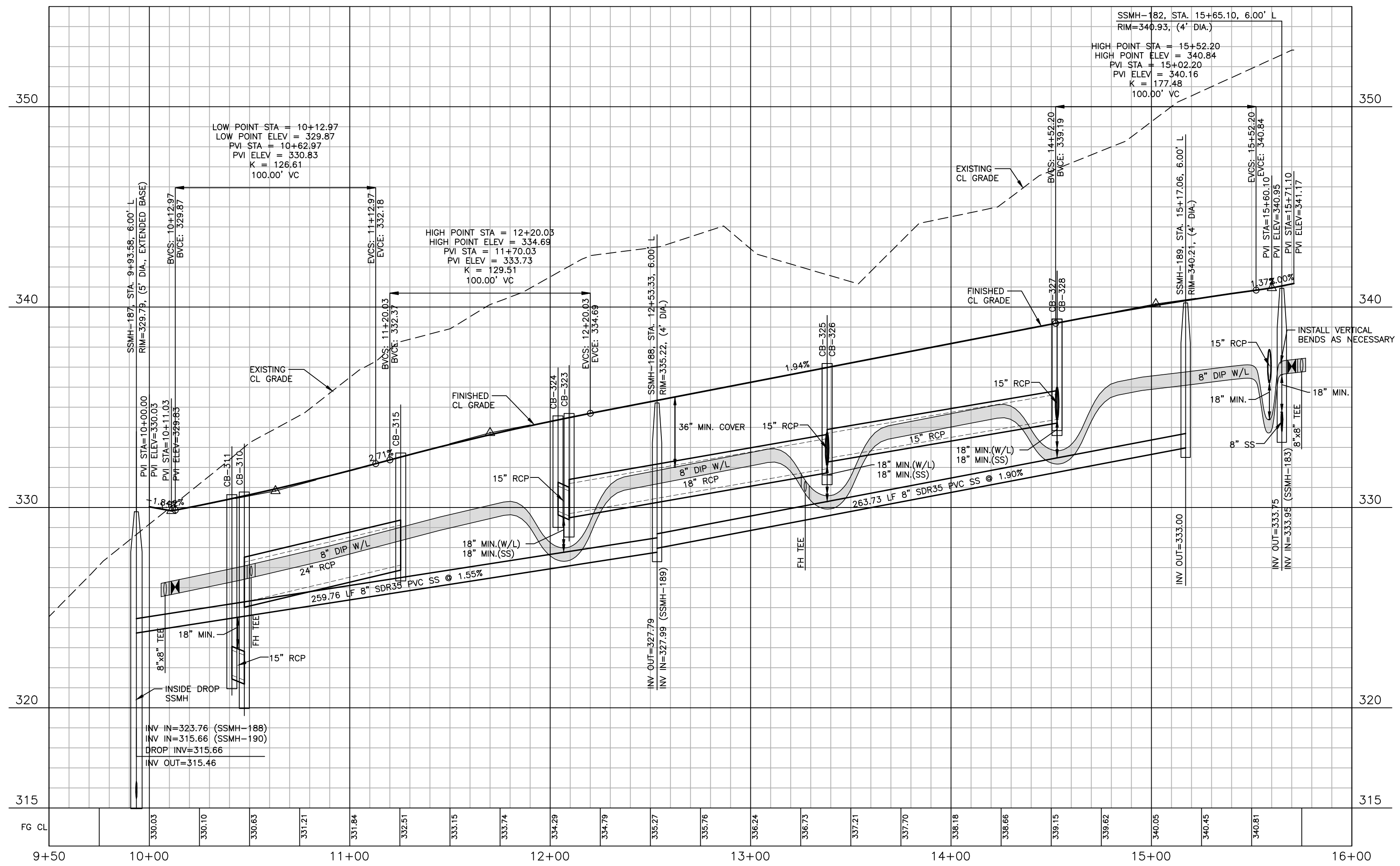
SITE LEGEND	
---	PHASE LINE
---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
---	LOT LINE
---	EASEMENT LINE
---	CENTERLINE
---	10' LANDSCAPE BUFFER/EASEMENT
---	3' CITY OF RALEIGH EASEMENT
---	5' ACCESS, MAINTENANCE AND UTILITY EASEMENT (ALLEYS)

CB-274 STA. 15+58.85 T/C=342.27 INV IN=337.38 (CB-275) INV IN=337.52 (CB-276) INV OUT=337.28	CB-324 STA. 12+03.95 T/C=334.57 INV OUT=329.82
CB-310 STA. 10+47.42 T/C=330.77 INV IN=325.27 (CB-315) INV IN=321.37 (CB-311) INV OUT=320.60	CB-325 STA. 13+38.21 T/C=337.18 INV IN=332.18 (CB-326) INV IN=332.45 (CB-327) INV OUT=331.94
CB-311 STA. 10+41.20 T/C=330.64 INV IN=321.73 (CB-312) INV OUT=321.63	CB-326 STA. 13+38.21 T/C=337.18 INV IN=332.18 (CB-326) INV IN=332.45 (CB-327) INV OUT=331.94
CB-315 STA. 11+25.45 T/C=332.72 INV IN=327.22 (DI-316) INV OUT=327.12	CB-327 STA. 14+52.95 T/C=339.40 INV IN=334.50 (CB-328) INV OUT=334.40
CB-323 STA. 12+09.49 T/C=334.69 INV IN=329.57 (CB-324) INV IN=329.69 (CB-325) INV OUT=329.32	CB-328 STA. 14+52.95 T/C=339.40 INV IN=334.50 (CB-328) INV OUT=334.40

KEY LEGEND	
①	ACCESSIBLE RAMP TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE MCDOT DETAILS 848.06, SHEET C8.01
Ⓢ	PRIVATE STORM DRAINAGE EASEMENT
Ⓣ	PUBLIC STORM DRAINAGE EASEMENT



MOUNTAIN MINT LANE



Public
Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

Public
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City of Raleigh
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AGNC
BROKERAGE | CONSULTING | PLANNING

REVISIONS

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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

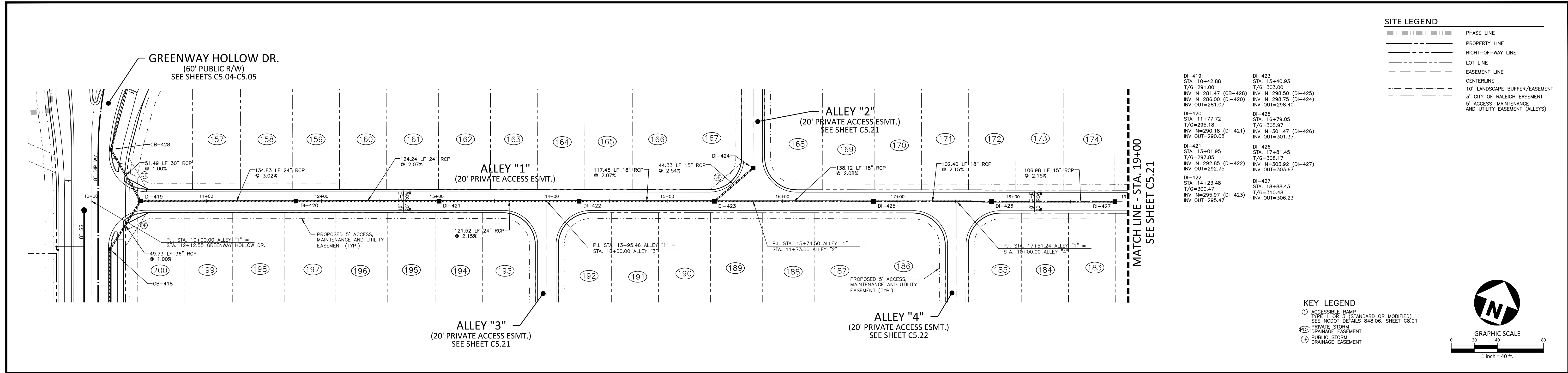
PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P2
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
MOUNTAIN MINT LN., STA. 9+50 THRU STA. 16+00

C5.19

CID-24-08



DI-419
STA. 10+42.88
T/G=291.00
INV IN=281.47 (DI-428)
INV IN=286.00 (DI-420)
INV OUT=281.07

DI-420
STA. 11+77.72
T/G=295.18
INV IN=290.18 (DI-421)
INV IN=292.85 (DI-422)
INV IN=295.97 (DI-423)
INV OUT=292.75

DI-421
STA. 13+01.95
T/G=297.85
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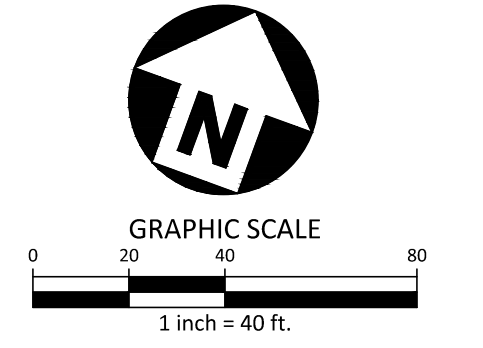
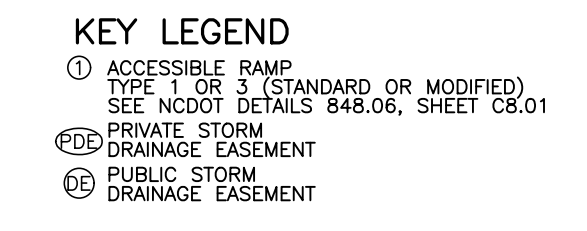
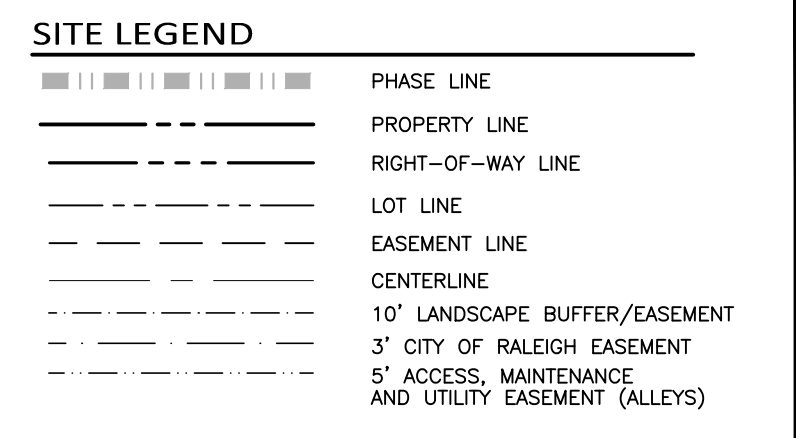
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STA. 14+23.48
T/G=300.47
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INV OUT=295.47

DI-423
STA. 15+40.93
T/G=303.00
INV IN=298.50 (DI-425)
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INV OUT=298.40

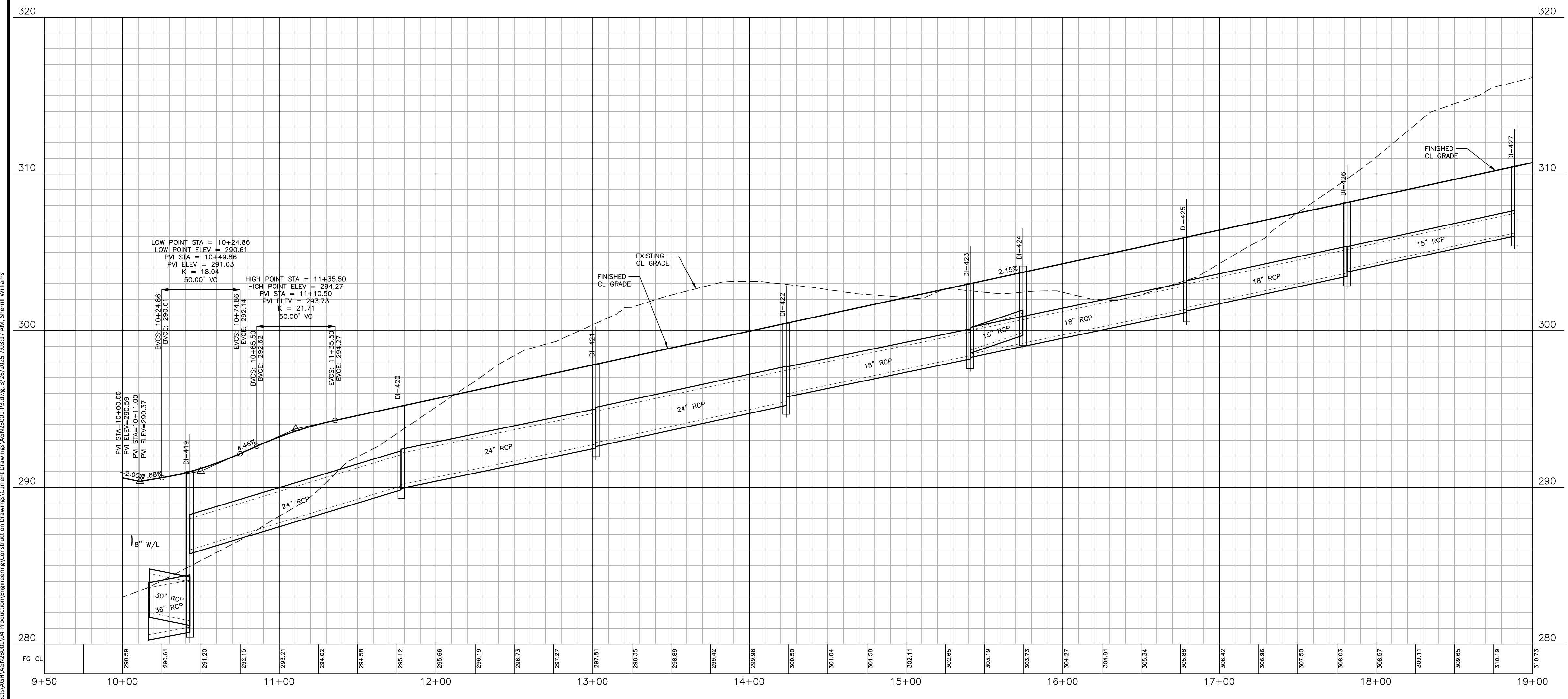
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DI-425
STA. 17+81.45
T/G=308.17
INV IN=303.92 (DI-427)
INV IN=303.67

DI-426
STA. 18+88.43
T/G=310.48
INV IN=306.23



ALLEY "1"



Public
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Public
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City of Raleigh
Public Utilities Department Permit # _____

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X:\Projects\AGN23001\04-Production\Engineering\Construction Drawings\Current Drawings\AGN23001_P3.dwg, 3/26/2025 7:08:37 AM, Sherill Williams

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TOWN OF ROLESVILLE, NORTH CAROLINA

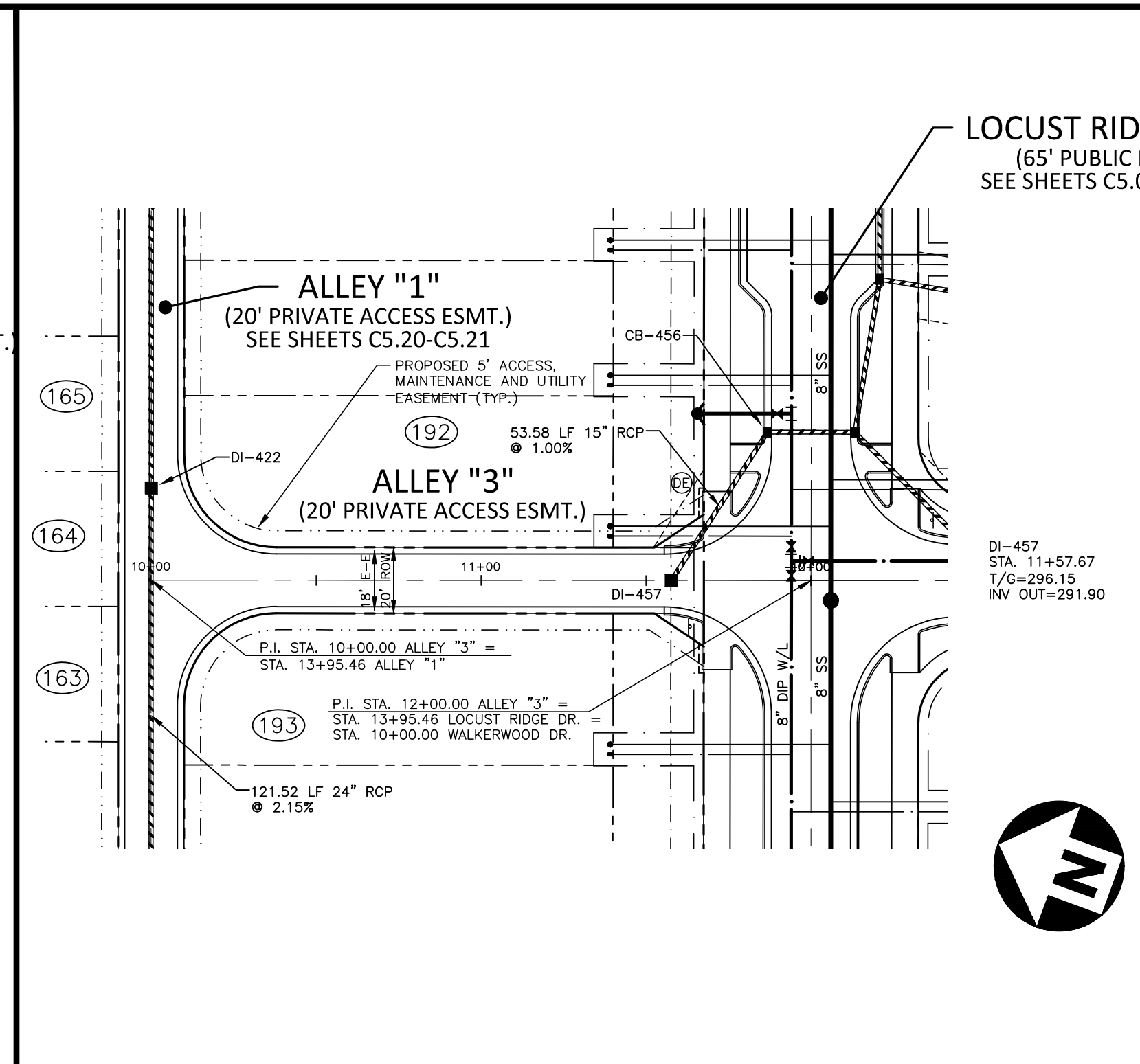
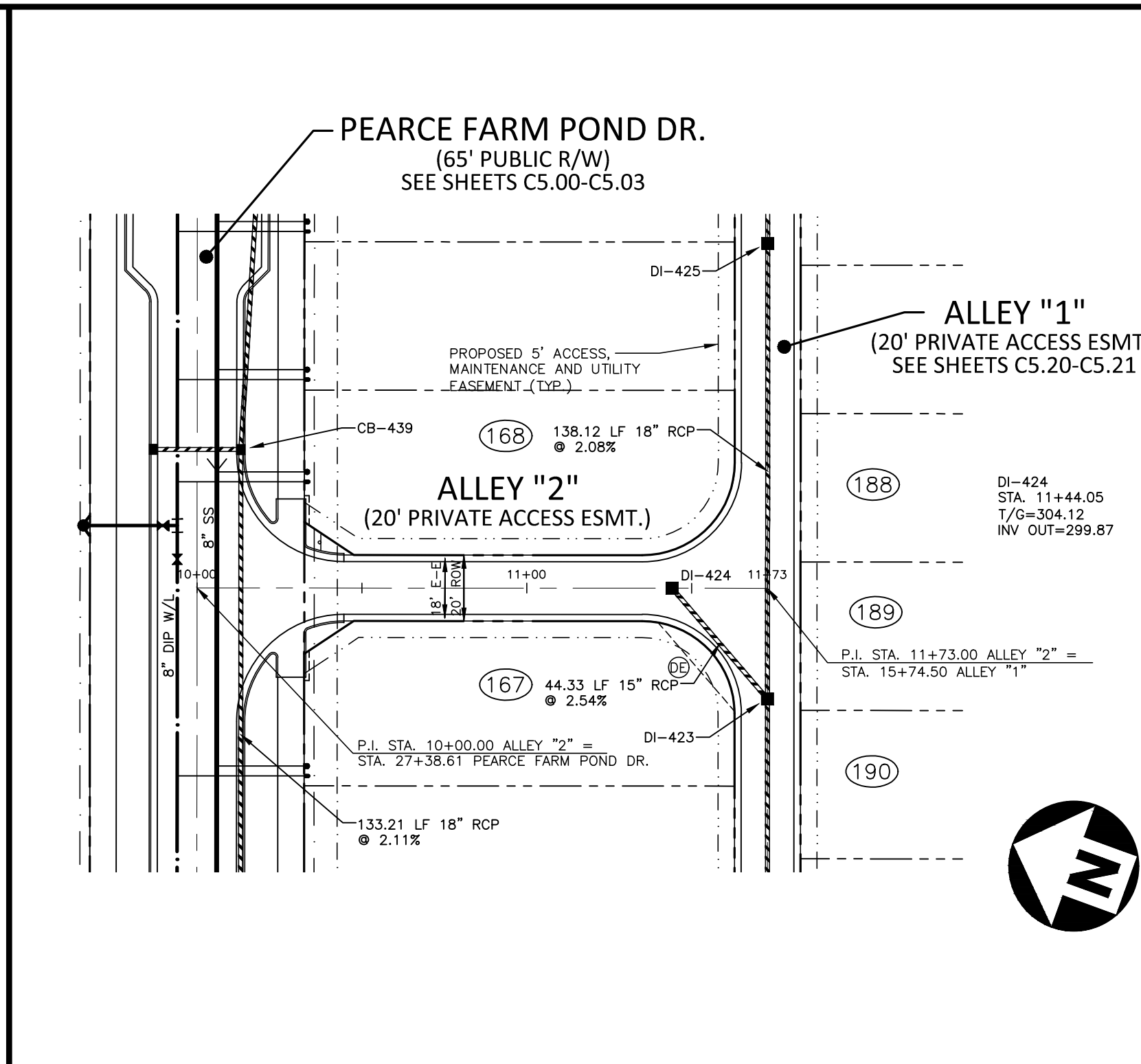
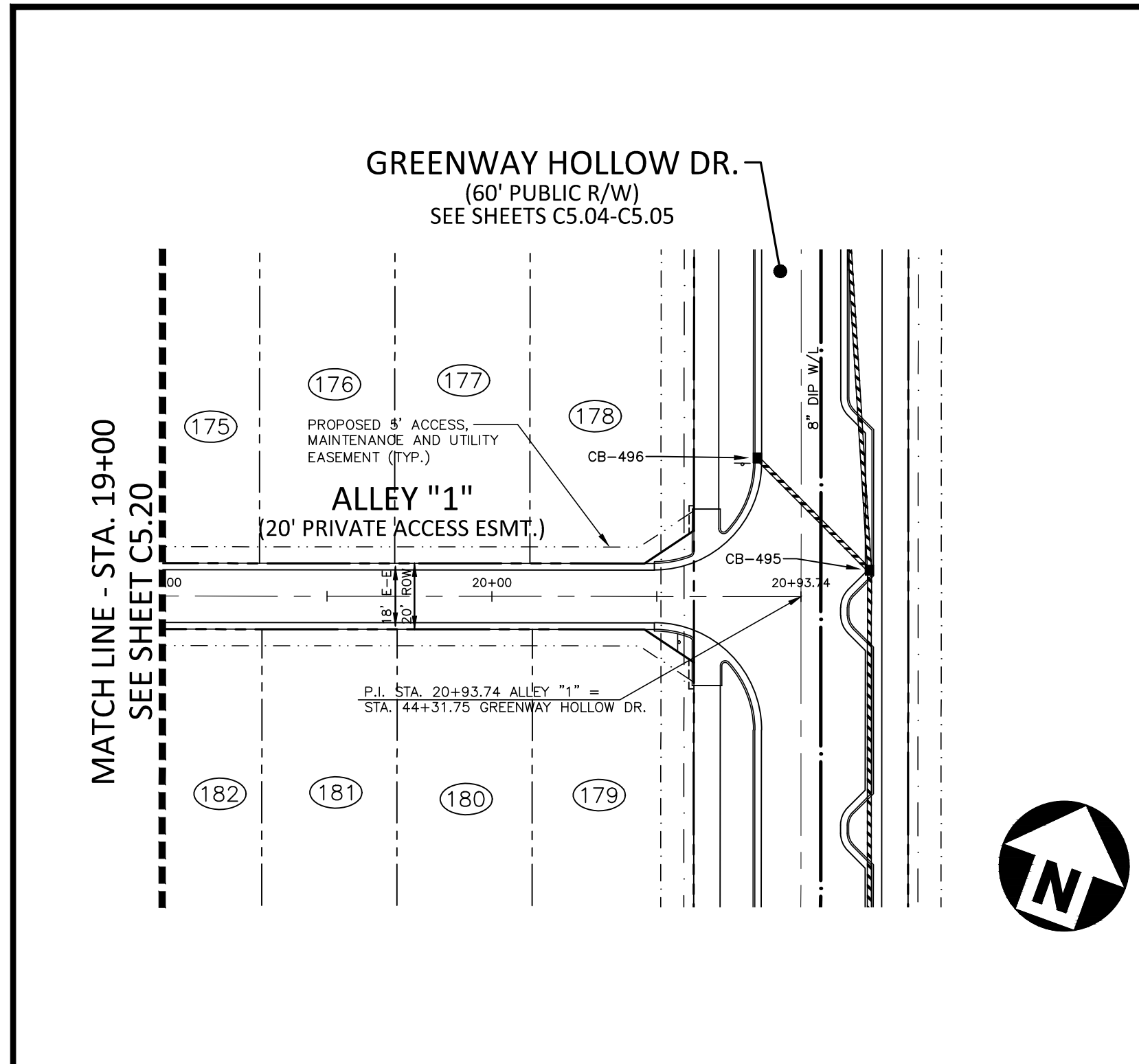
PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P3
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
ALLEY "1", STA. 9+50 THRU STA. 19+00

C5.20

CID-24-08



SITE LEGEND

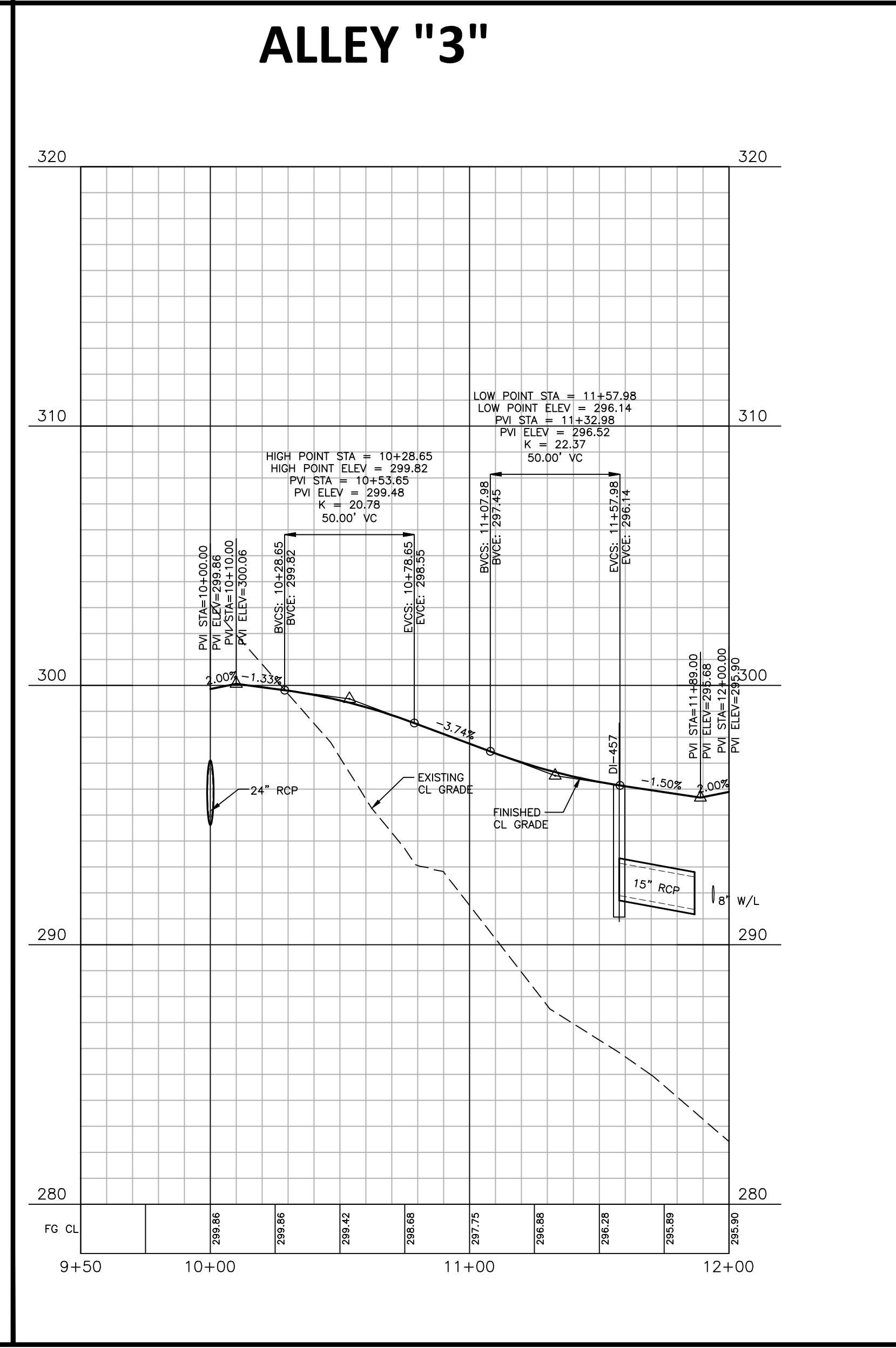
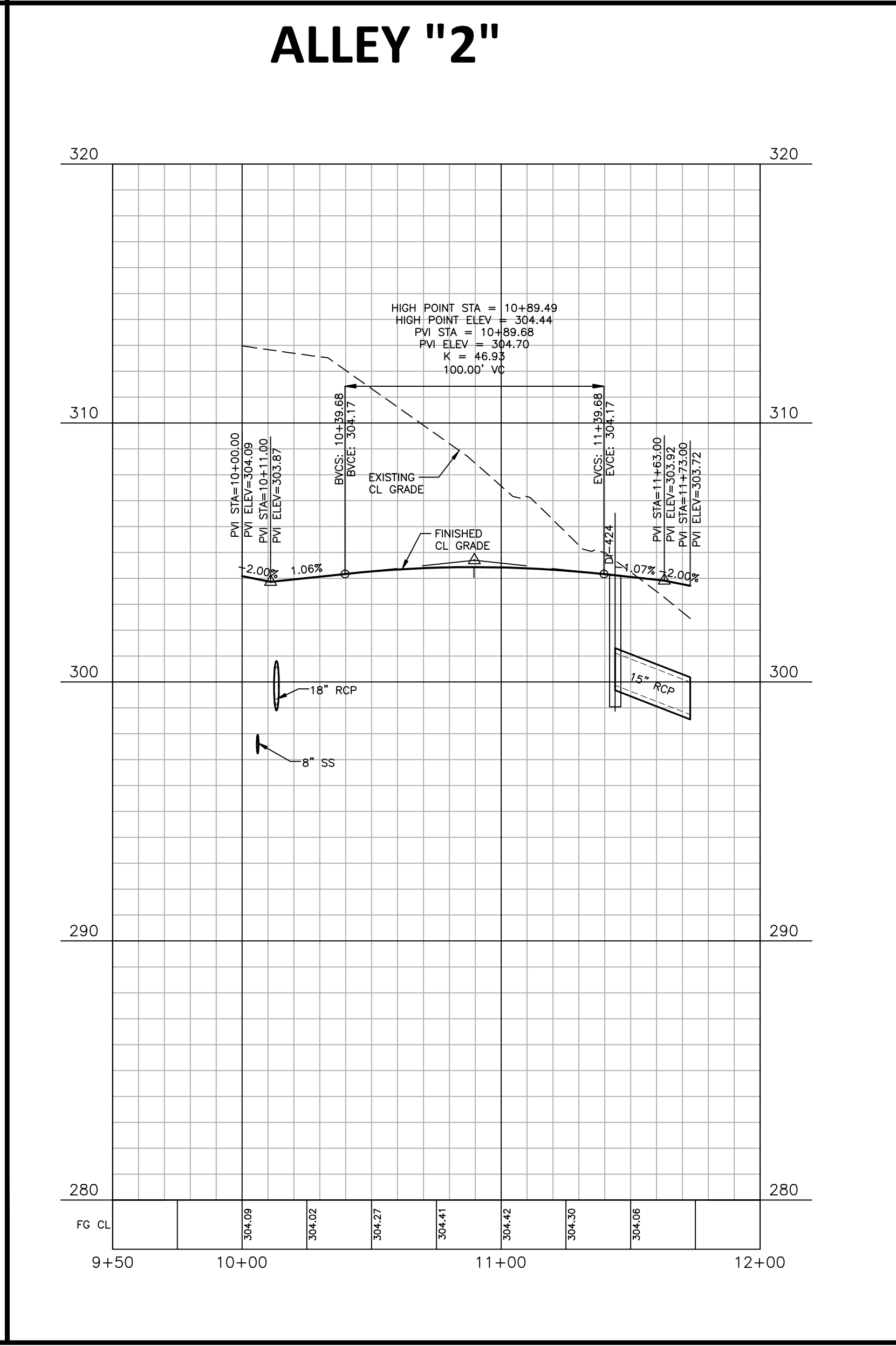
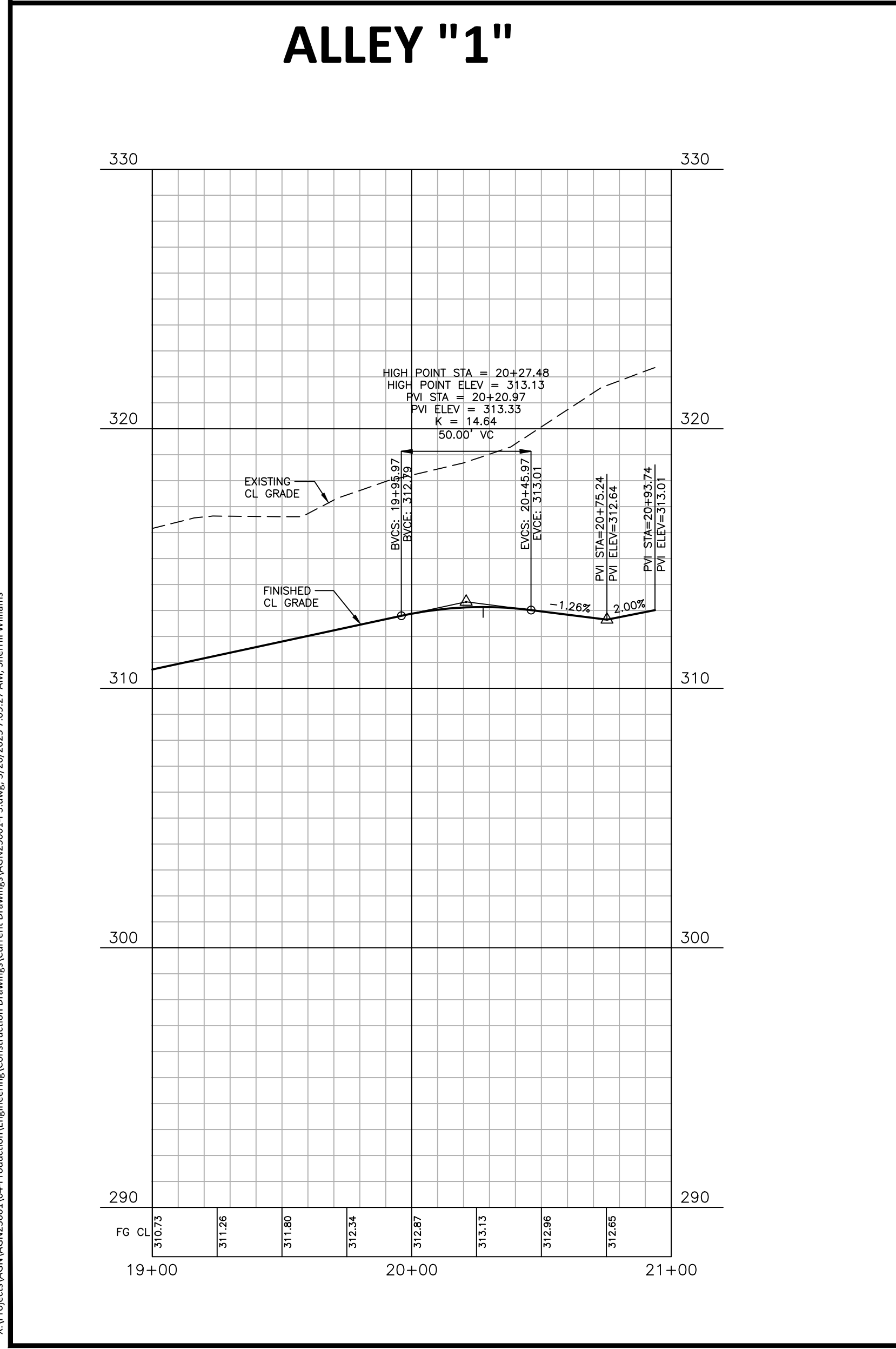
- PHASE LINE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- LOT LINE
- EASEMENT LINE
- CENTERLINE
- 10' LANDSCAPE BUFFER/EASEMENT
- 3' CITY OF RALEIGH EASEMENT
- 5' ACCESS, MAINTENANCE AND UTILITY EASEMENT (ALLEYS)

KEY LEGEND

- ACCESSIBLE RAMP TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE NCDOT DETAILS 848.06, SHEET C8.01
- PRIVATE STORM DRAINAGE EASEMENT
- PUBLIC STORM DRAINAGE EASEMENT

GRAPHIC SCALE

1 inch = 40 ft.



Public Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

Public Sewer Collection / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

McADAMS

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

CLIENT
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7208 FALLS OF NEUSE RD, SUITE 101
RALEIGH, NORTH CAROLINA 27615
CONTACT: JACOB ANDERSON
PHONE: 919. 239. 9486

AGNC
BROKERAGE | CONSULTING | PLANNING

REVISIONS

NO.	DATE	DESCRIPTION
1	02.03.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS
2	04.01.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS



PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

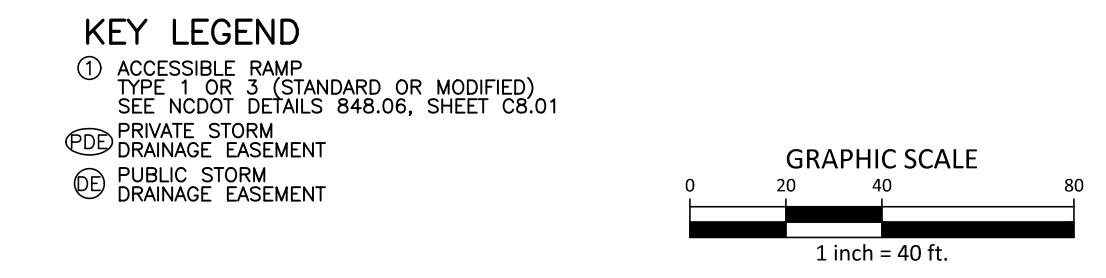
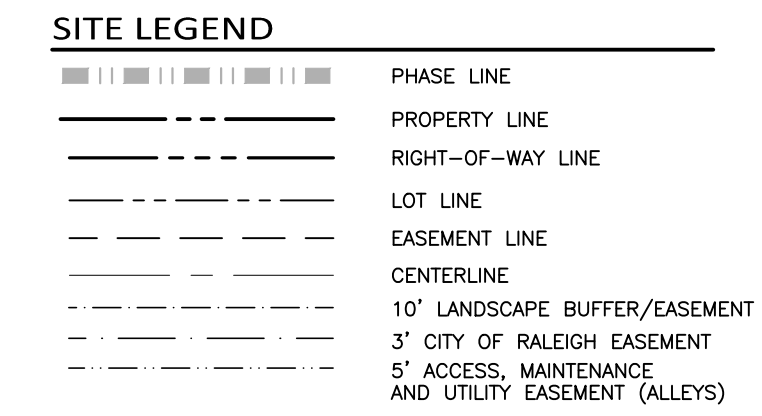
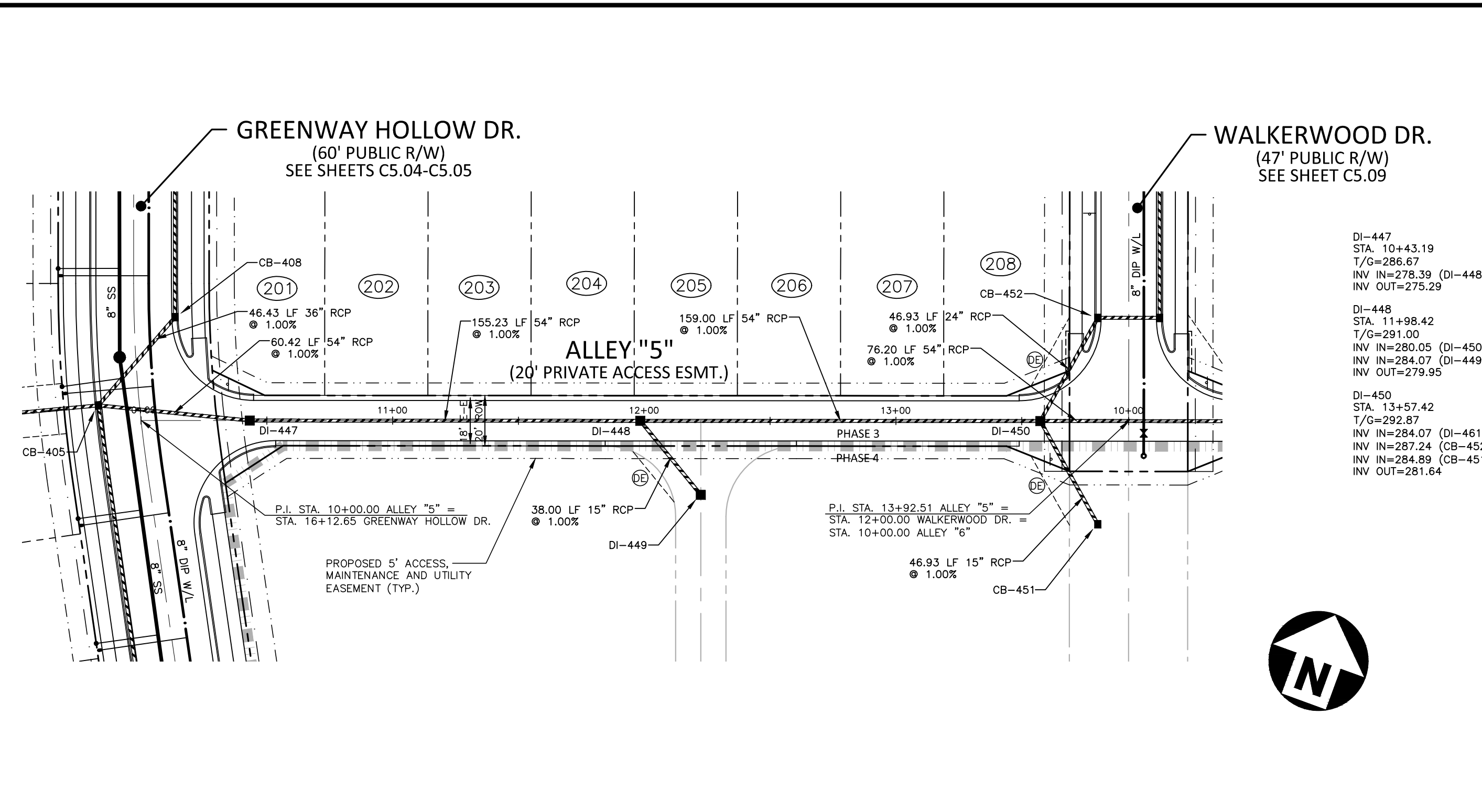
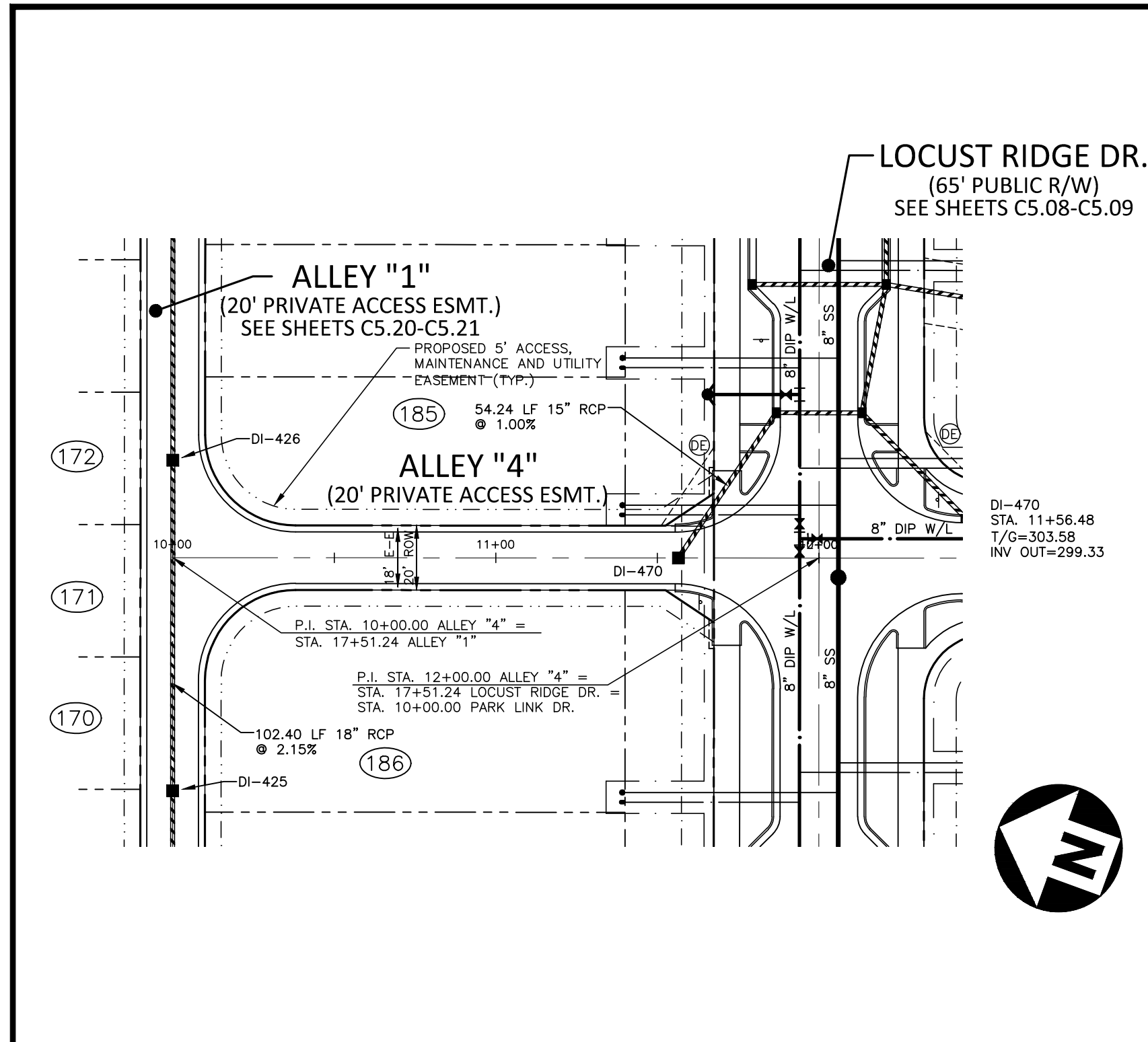
PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P3
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE

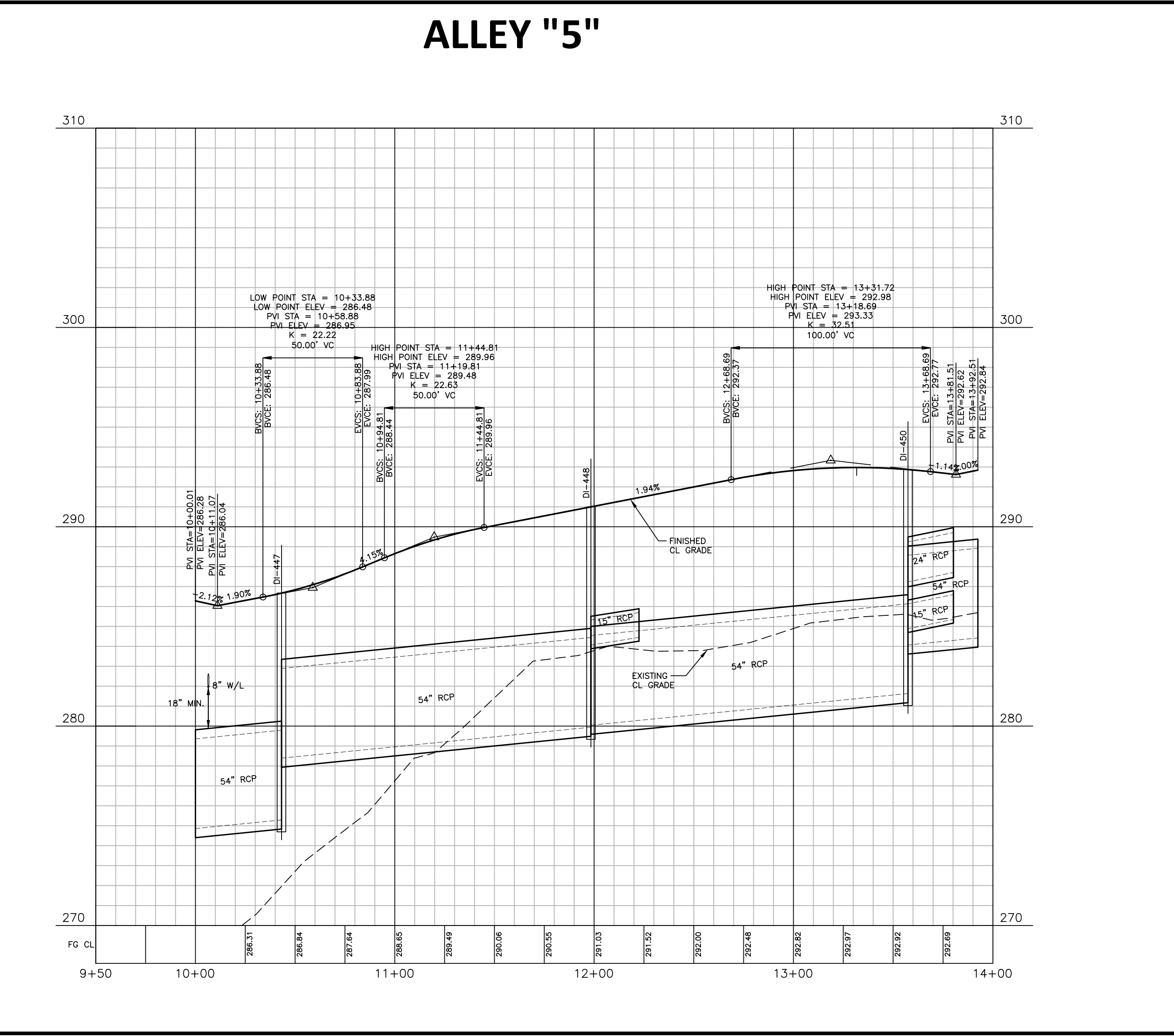
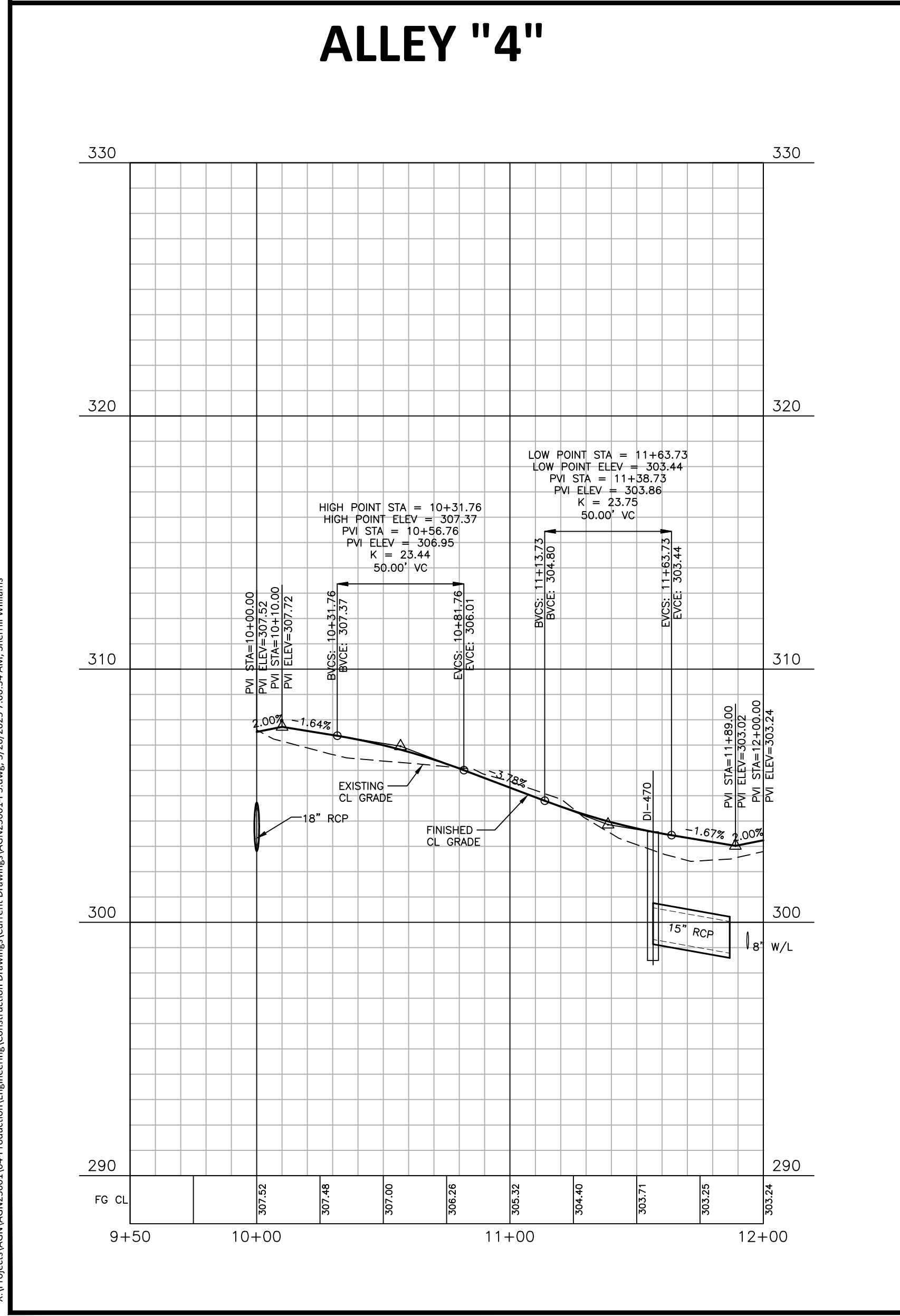
ALLEY "1", STA. 19+00 THRU STA. 21+00
ALLEY "2", STA. 9+50 THRU STA. 12+00
ALLEY "3", STA. 9+50 THRU STA. 12+00

C5.21



ALLEY "4"

ALLEY "5"



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City of Raleigh
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Public
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X:\Projects\AGN23001\04-Production\Engineering\Construction Drawings\Current Drawings\AGN23001.P3.dwg, 3/26/2025 7:56:34 AM, Sherill Williams

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TOWN OF ROLESVILLE, NORTH CAROLINA

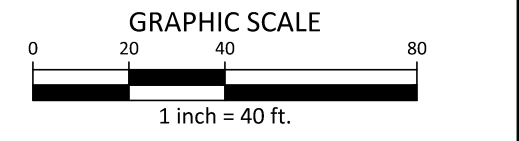
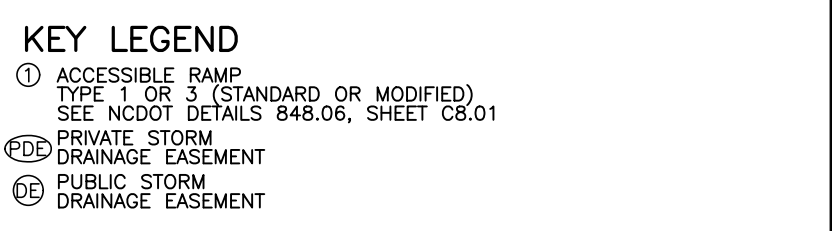
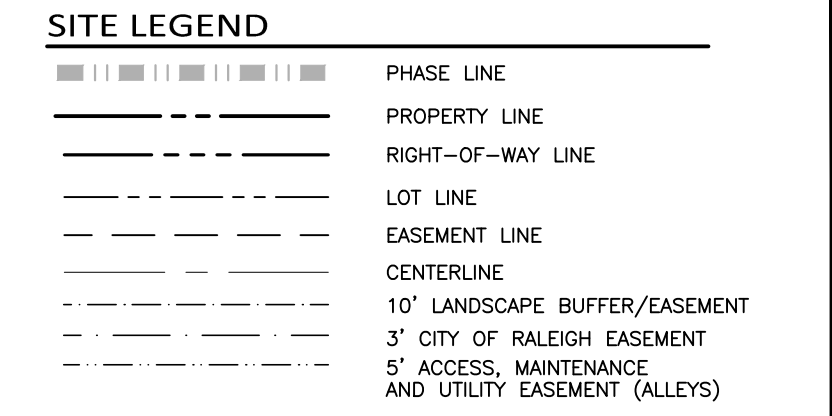
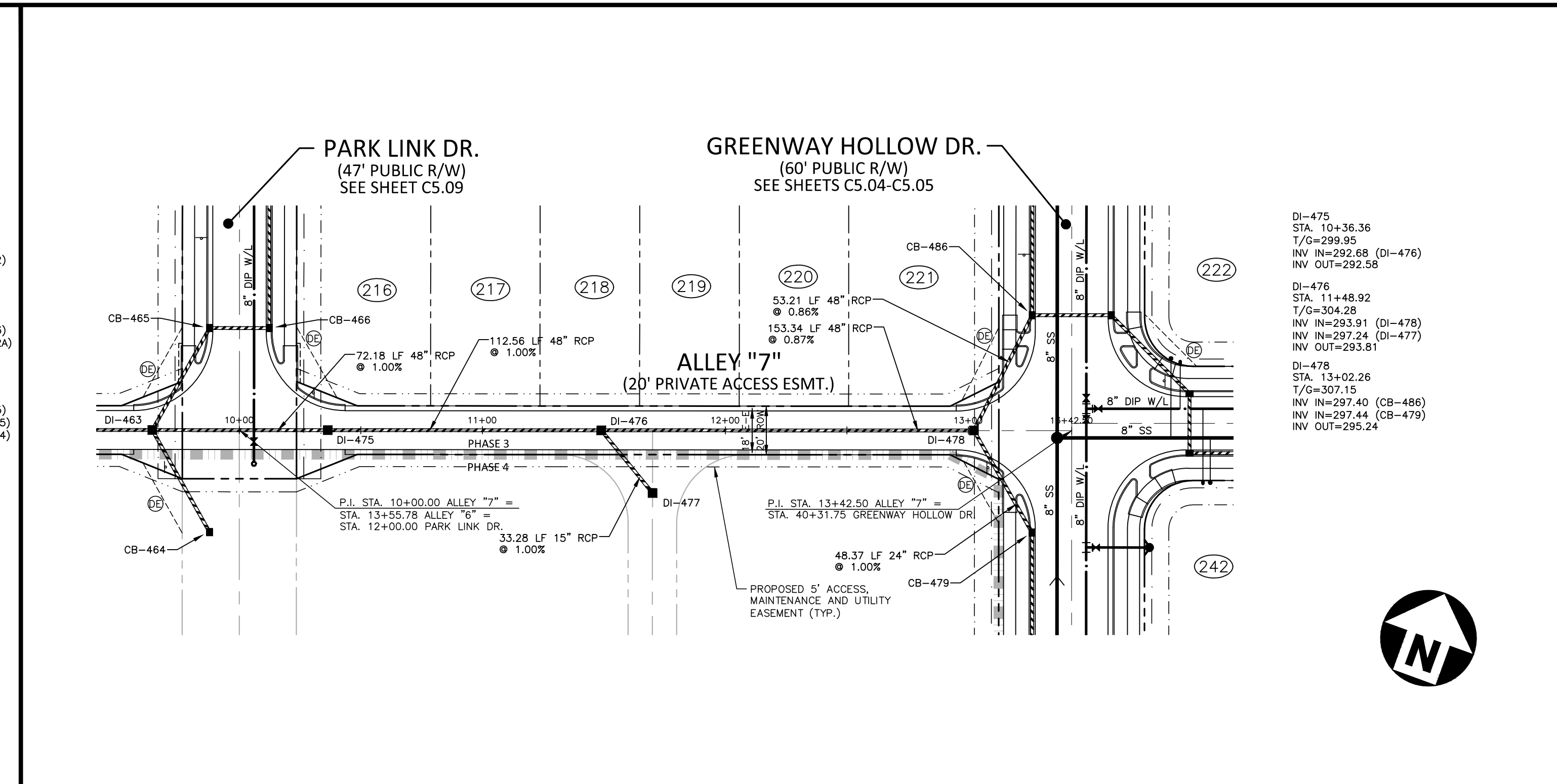
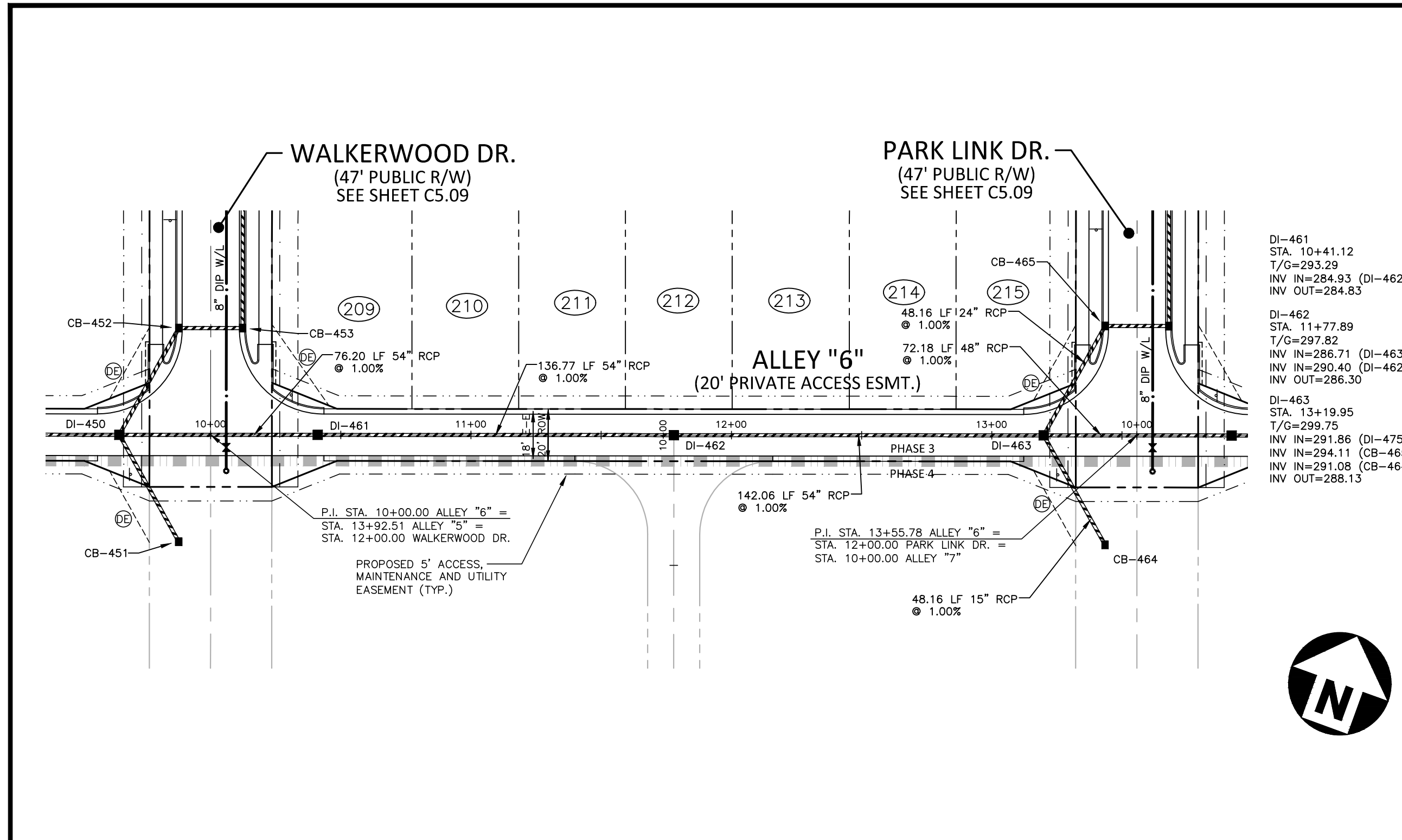
CID-24-08

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DATE	12.02.2024

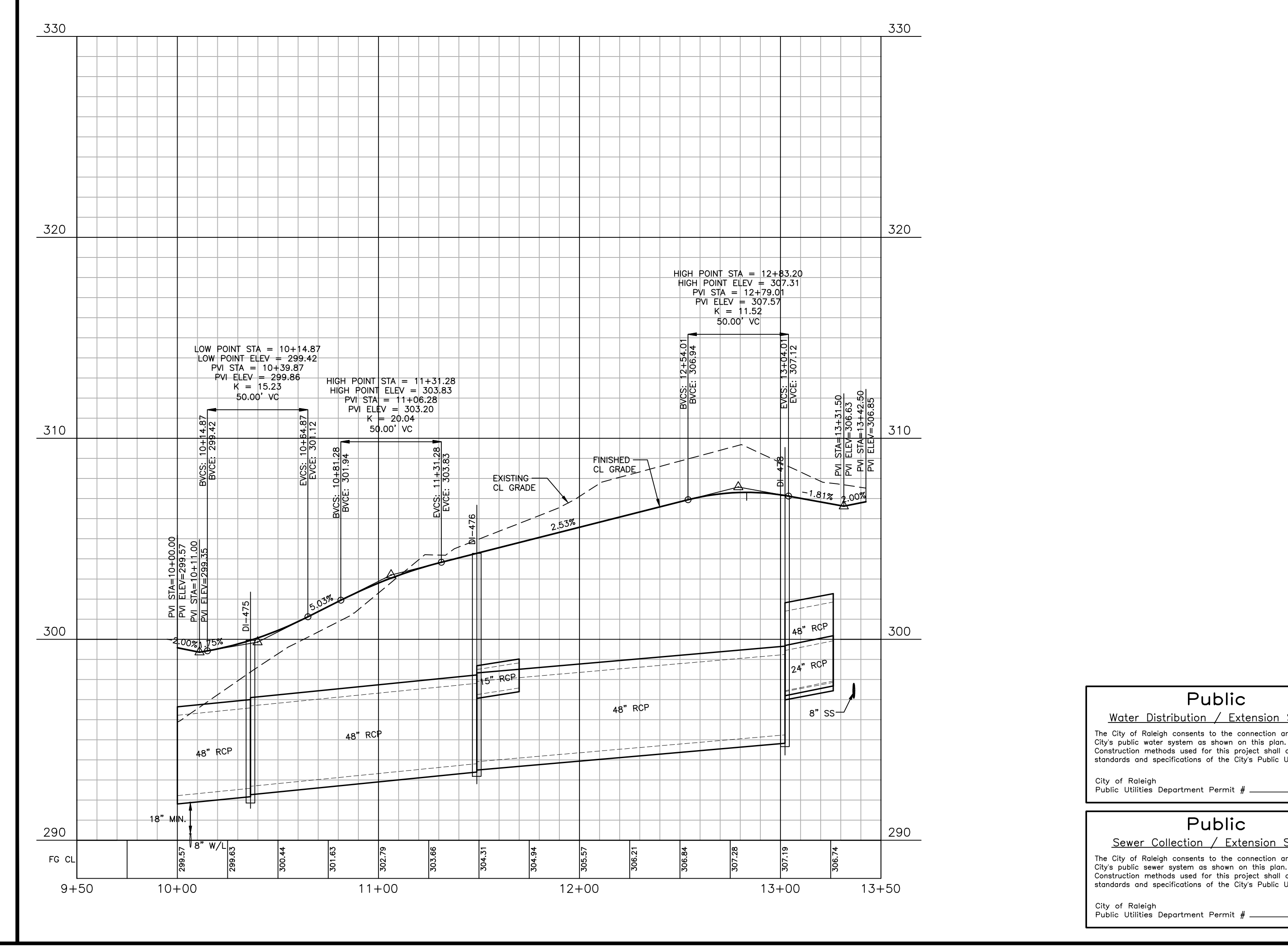
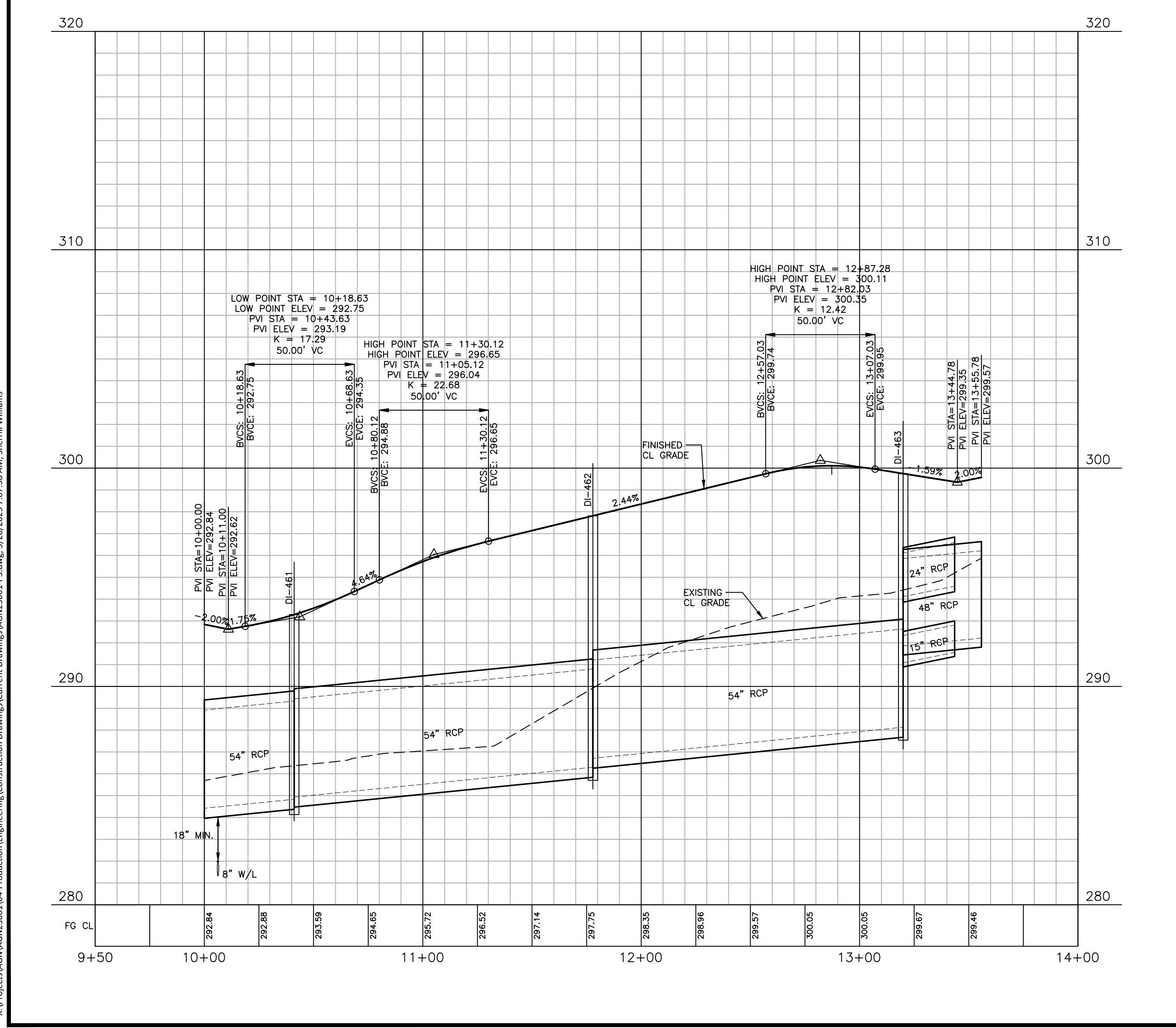
PLAN AND PROFILE
ALLEY "4", STA. 9+50 THRU STA. 12+00
ALLEY "5", STA. 9+50 THRU STA. 14+00

C5.22



ALLEY "6"

ALLEY "7"



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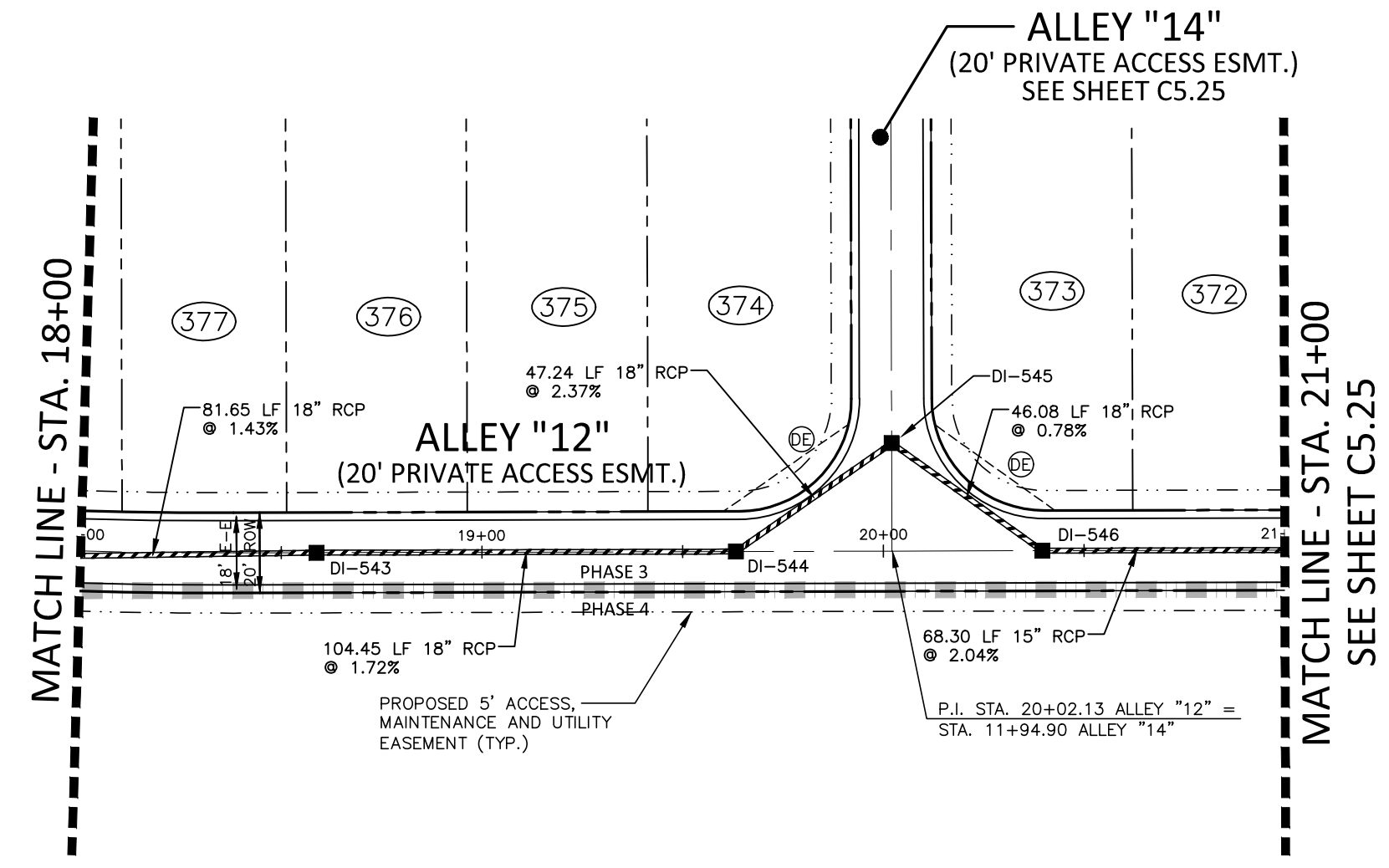
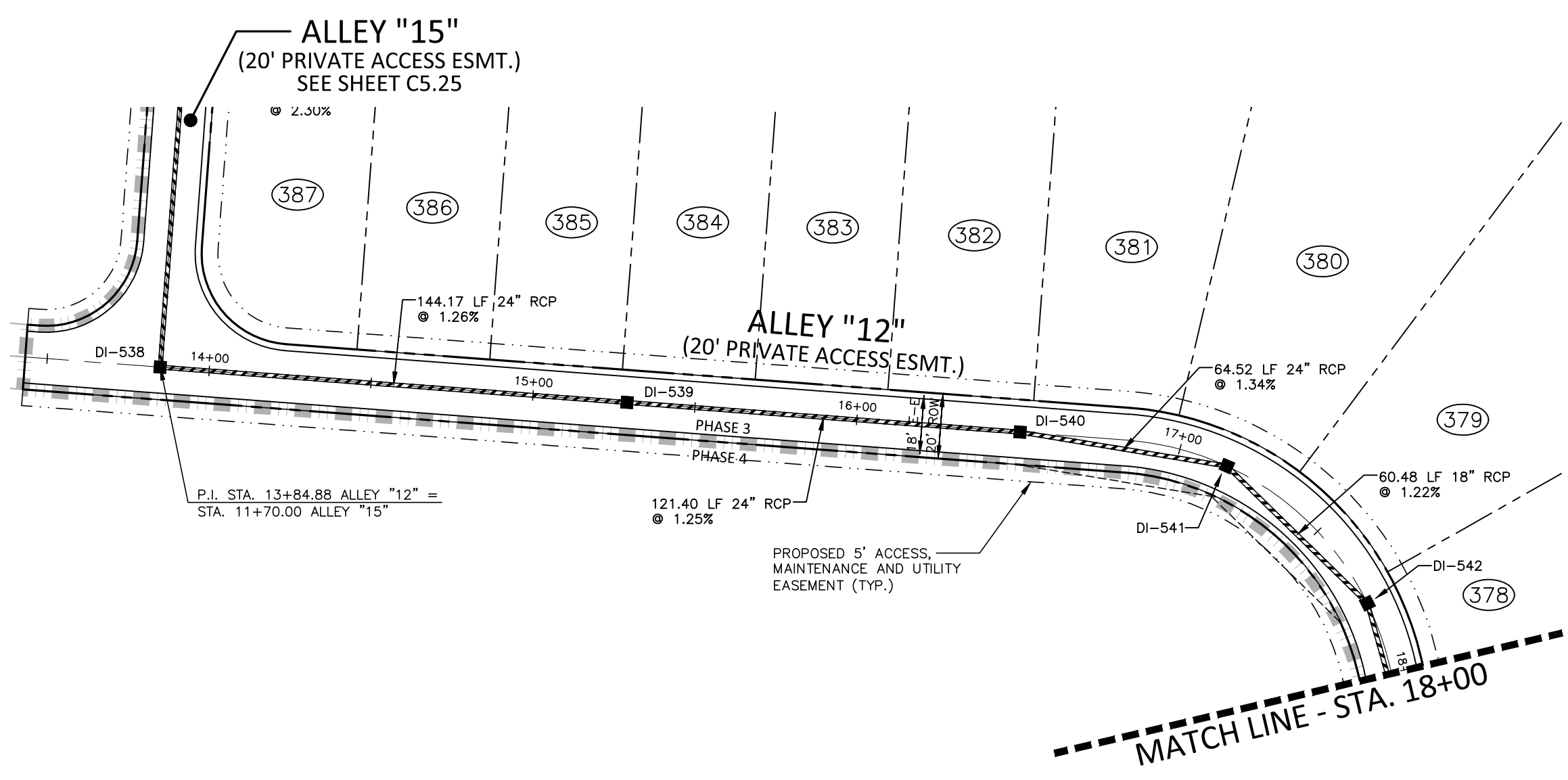
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

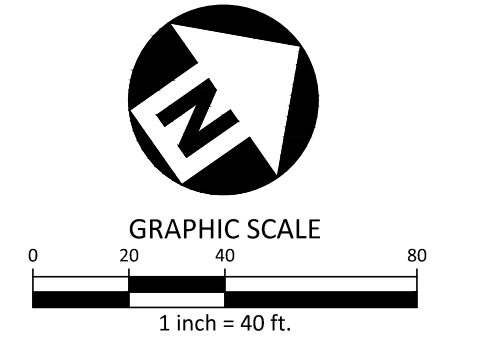
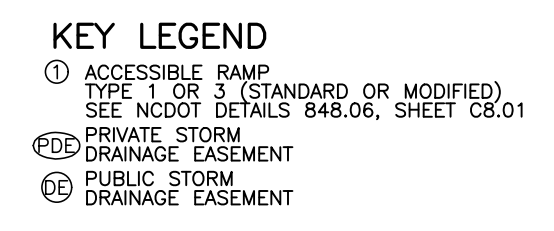
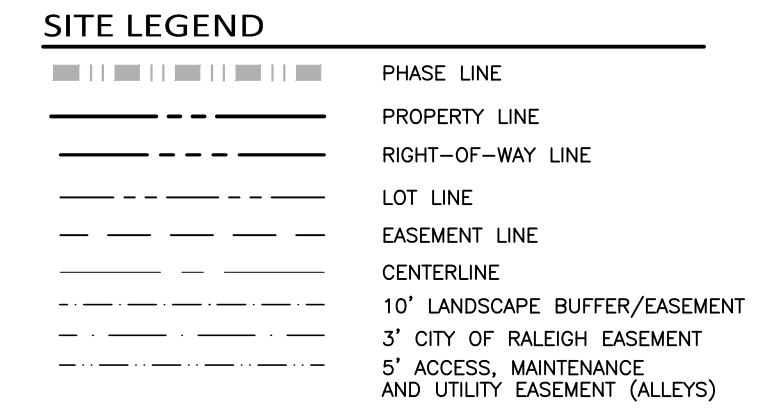
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DATE	12.02.2024

PLAN AND PROFILE
ALLEY "6", STA. 9+50 THRU STA. 14+00
ALLEY "7", STA. 9+50 THRU STA. 13+50

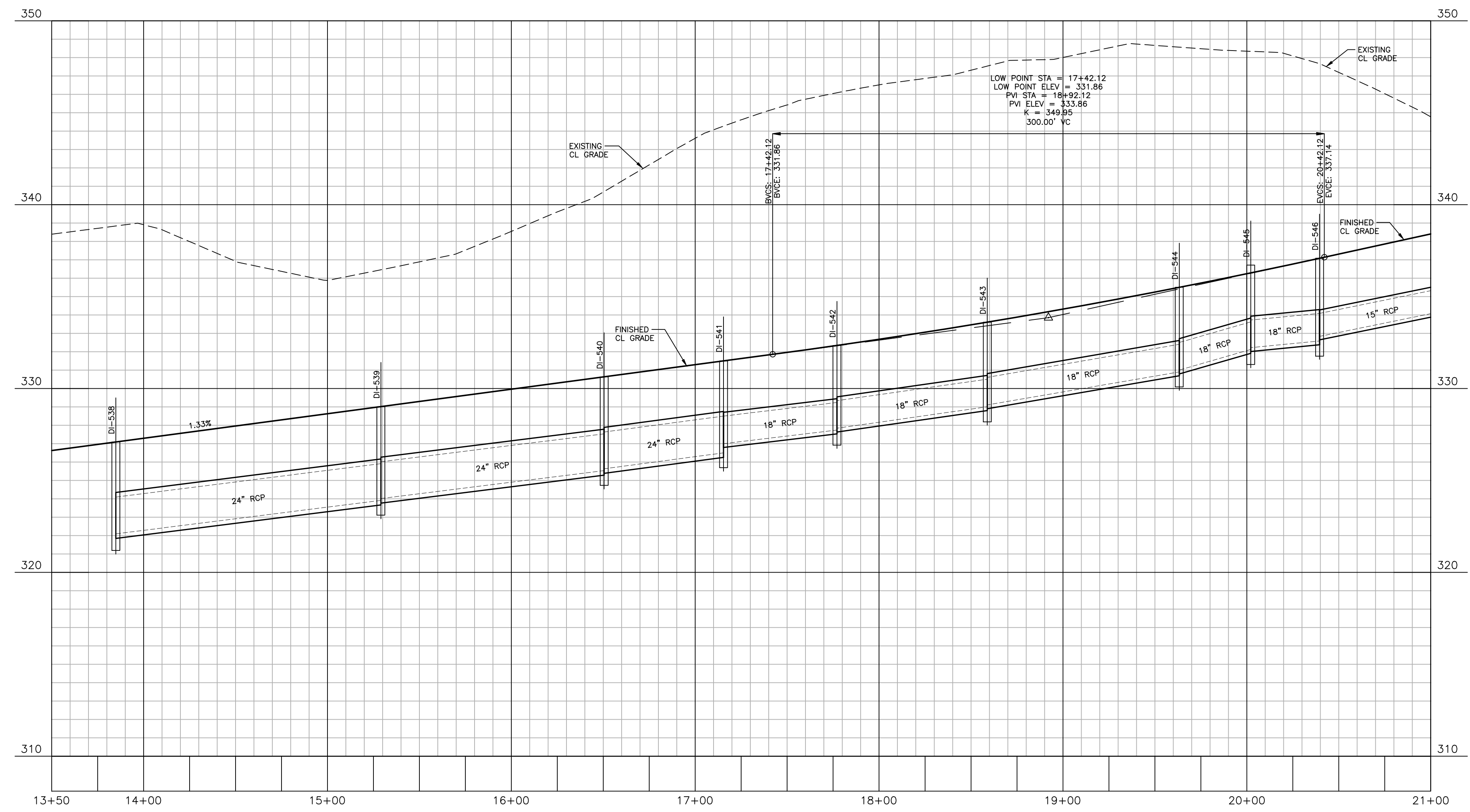
C5.23



DI-538 STA. 13+84.88 T/G=327.10 INV IN=322.10 (DI-539) INV OUT=322.00	DI-542 STA. 17+77.08 T/G=332.34 INV IN=327.84 (DI-543) INV OUT=327.74
DI-539 STA. 15+29.05 T/G=329.02 INV IN=324.02 (DI-540) INV OUT=323.92	DI-543 STA. 18+58.83 T/G=333.61 INV IN=329.11 (DI-544) INV OUT=329.01
DI-540 STA. 16+50.45 T/G=330.63 INV IN=325.63 (DI-541) INV OUT=325.53	DI-544 STA. 19+63.28 T/G=335.50 INV IN=331.00 (DI-545) INV OUT=330.90
DI-541 STA. 17+15.40 T/G=331.50 INV IN=327.00 (DI-542) INV OUT=326.50	DI-546 STA. 20+39.56 T/G=337.09 INV IN=332.84 (DI-547) INV OUT=332.59



ALLEY "12"



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City of Raleigh
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PEARCE FARM - PHASES 1-3
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TOWN OF ROLESVILLE, NORTH CAROLINA

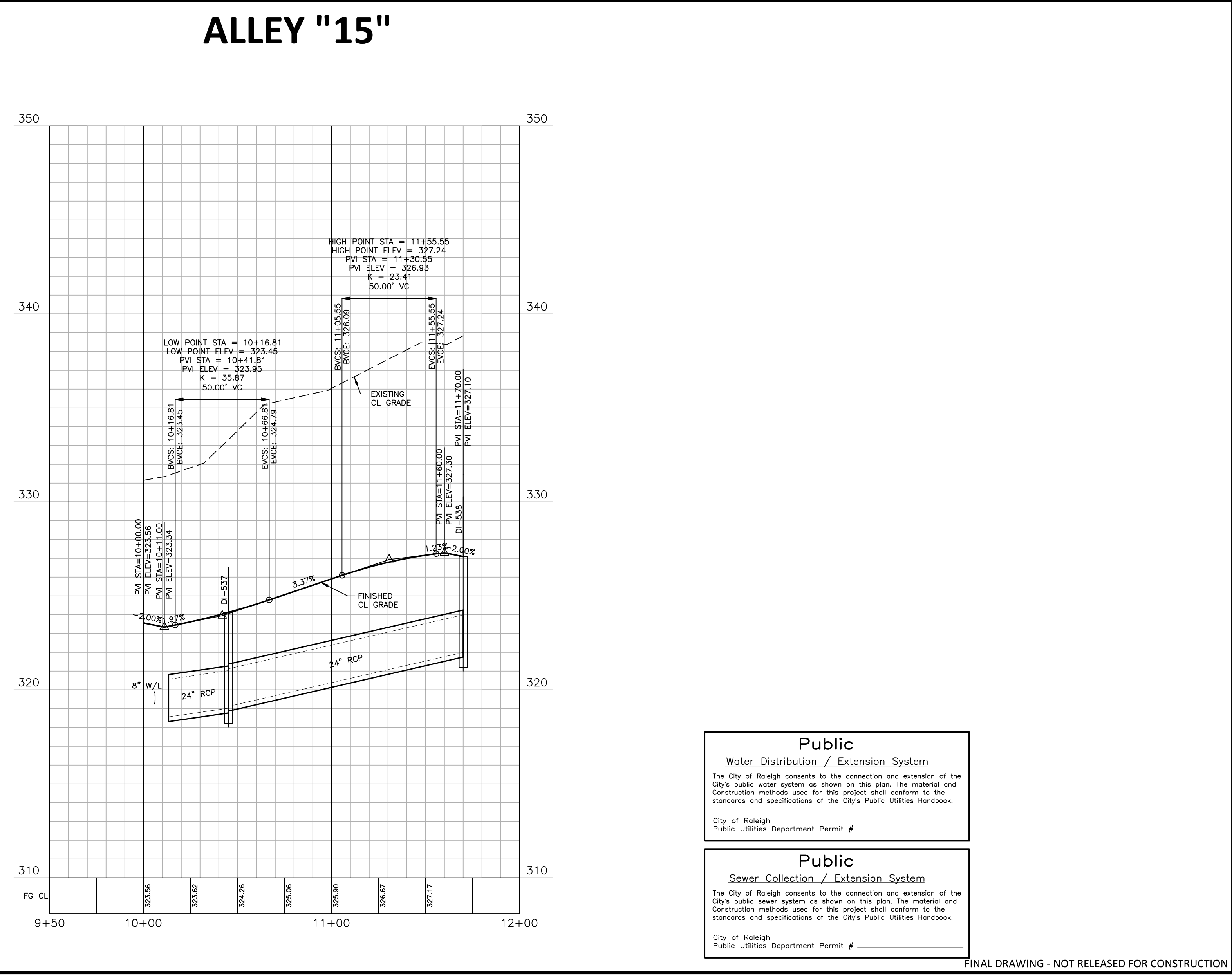
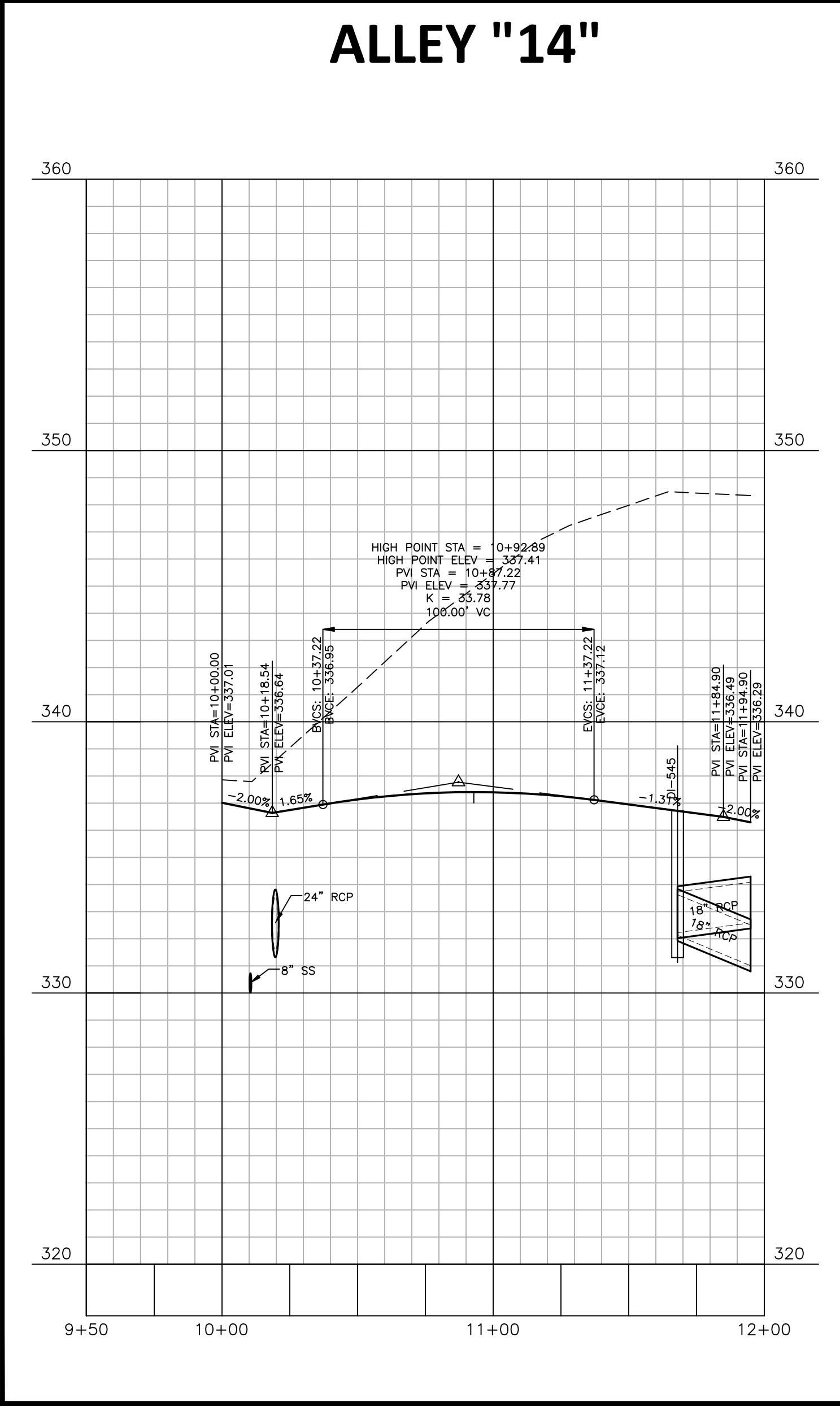
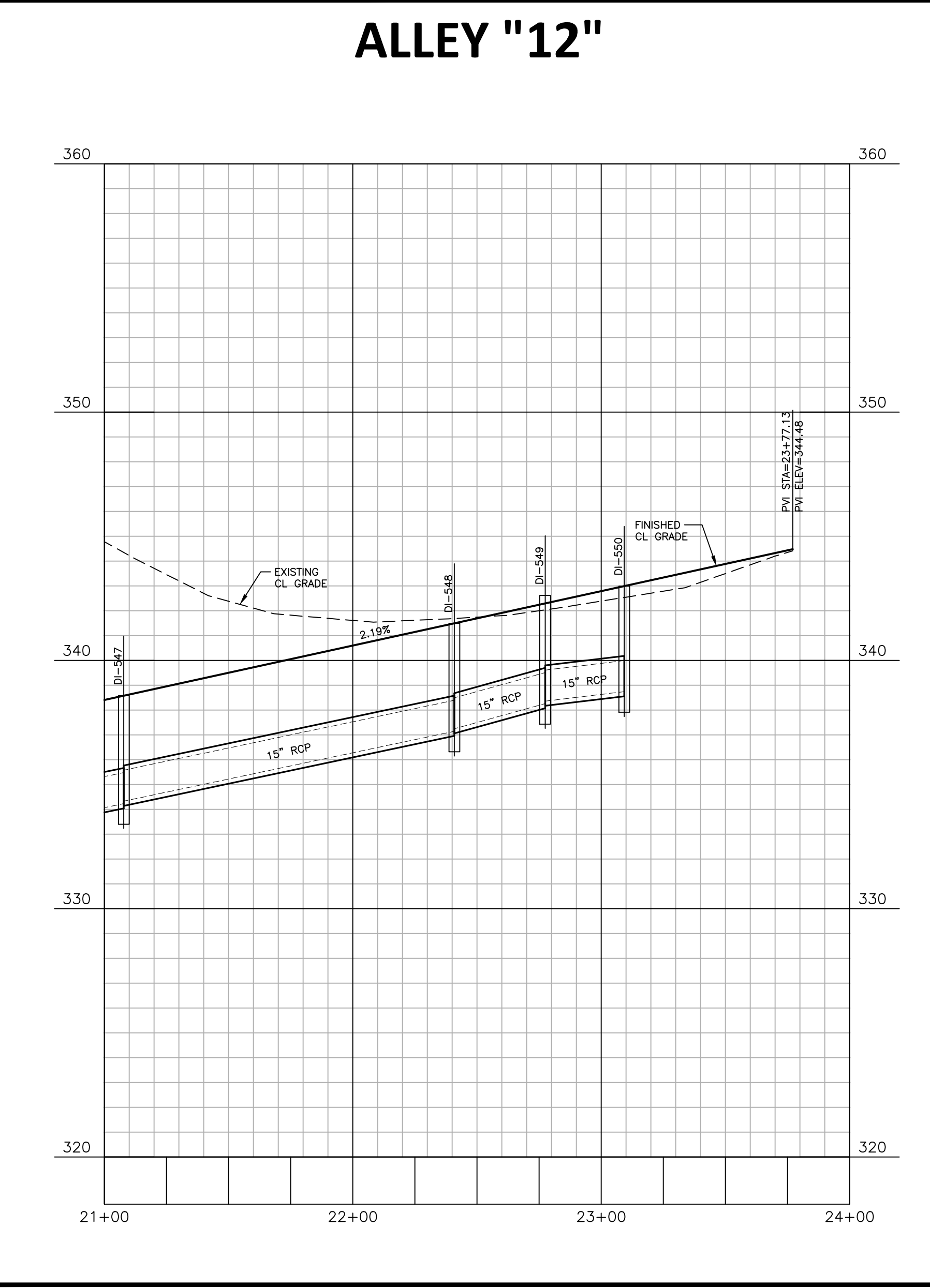
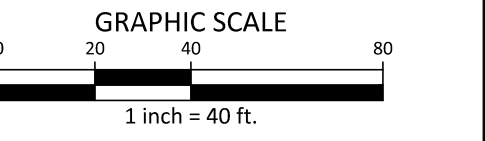
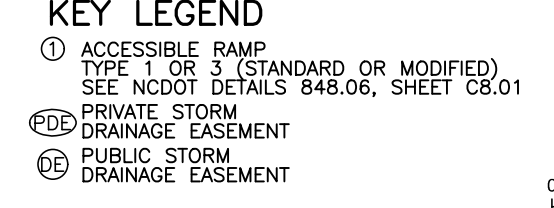
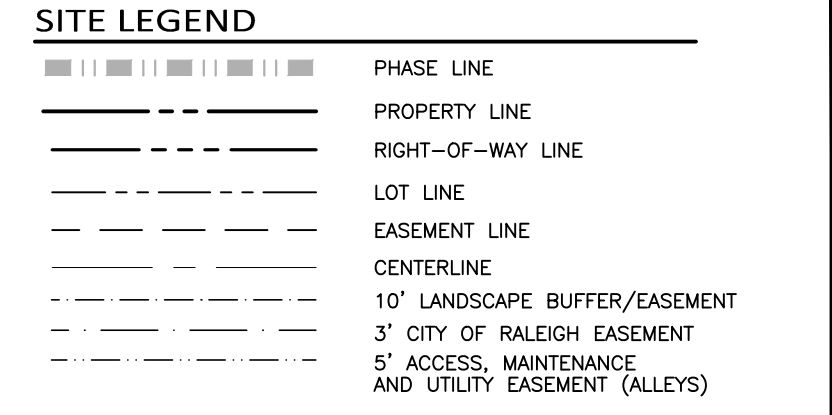
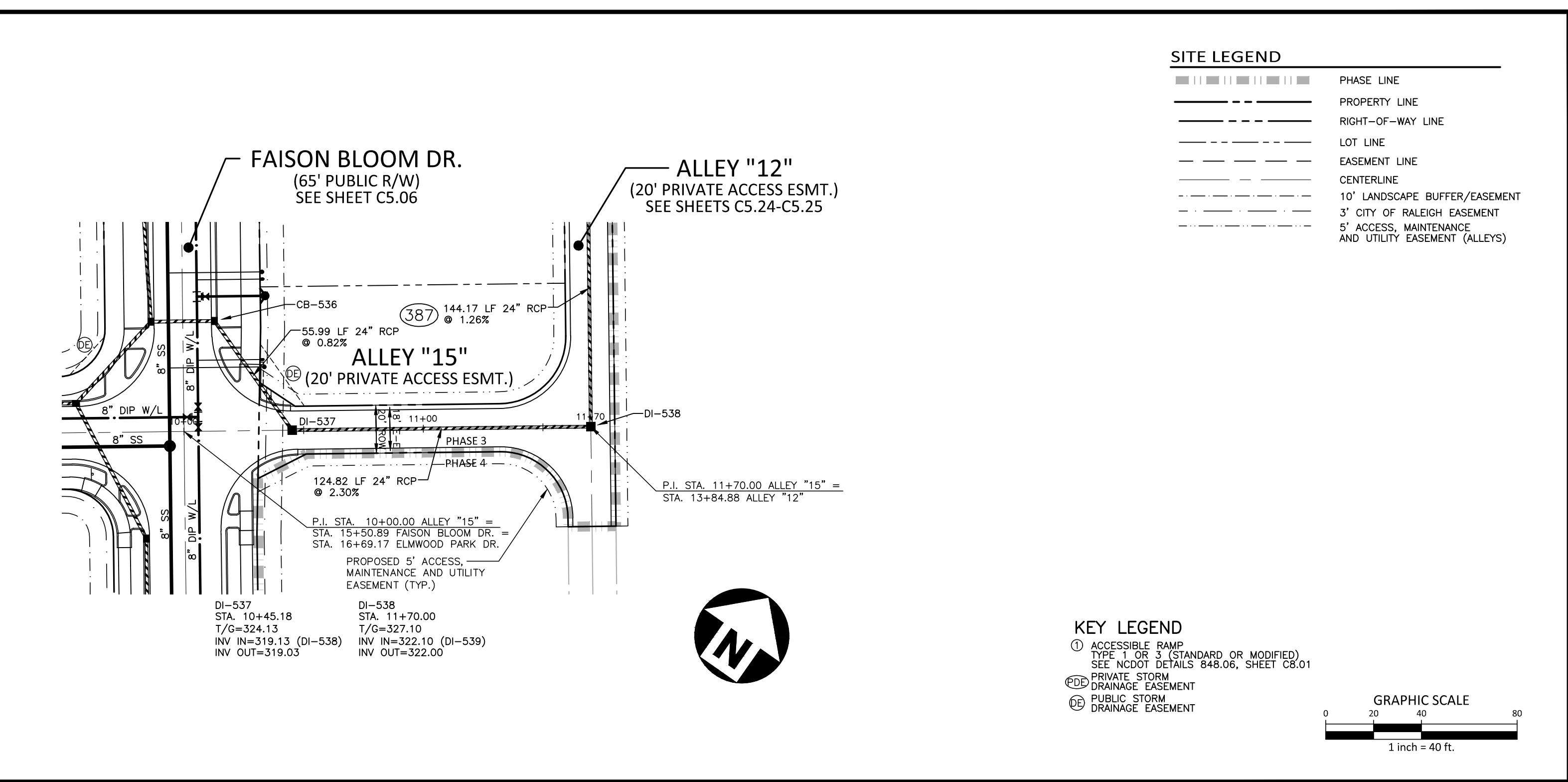
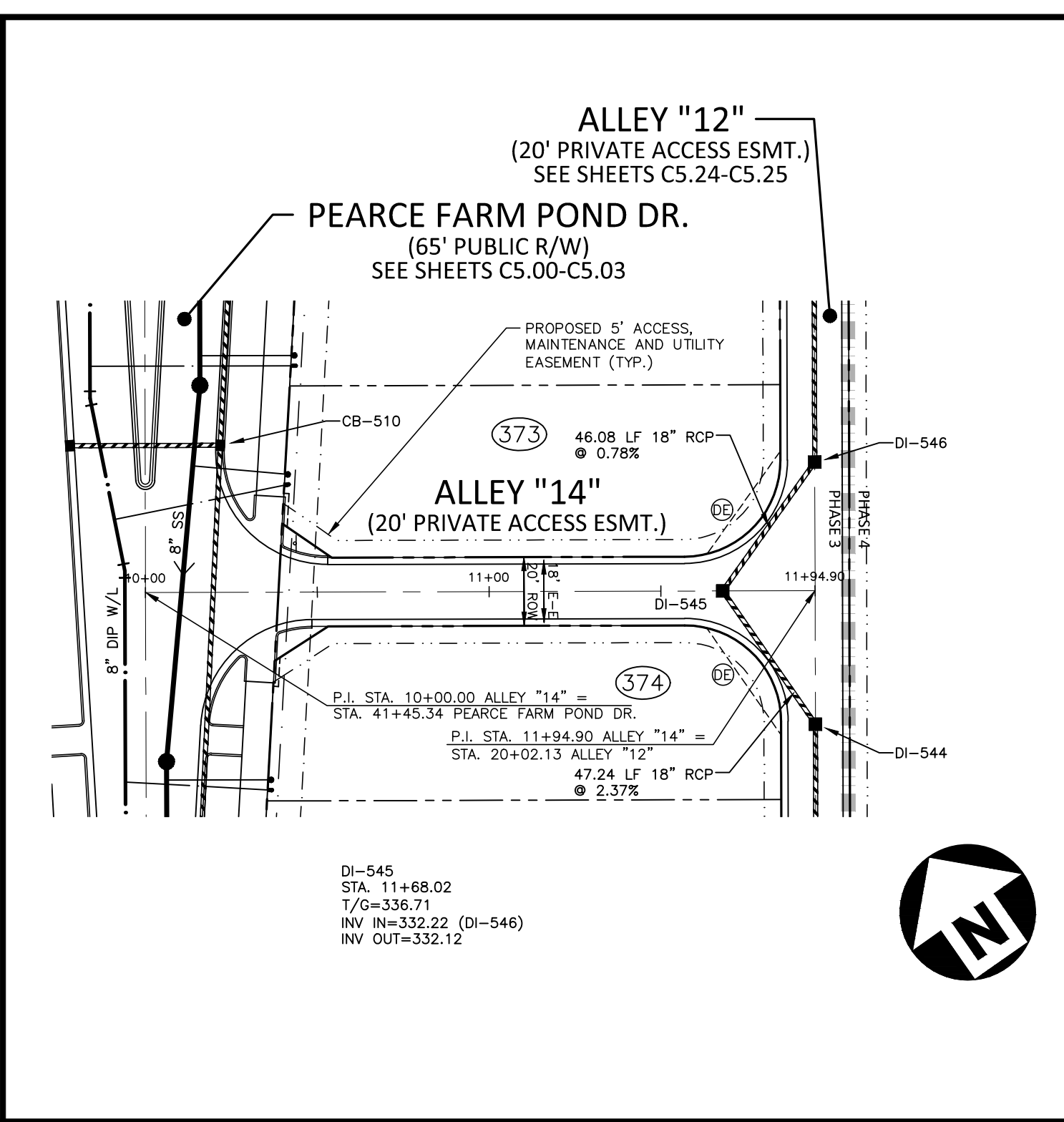
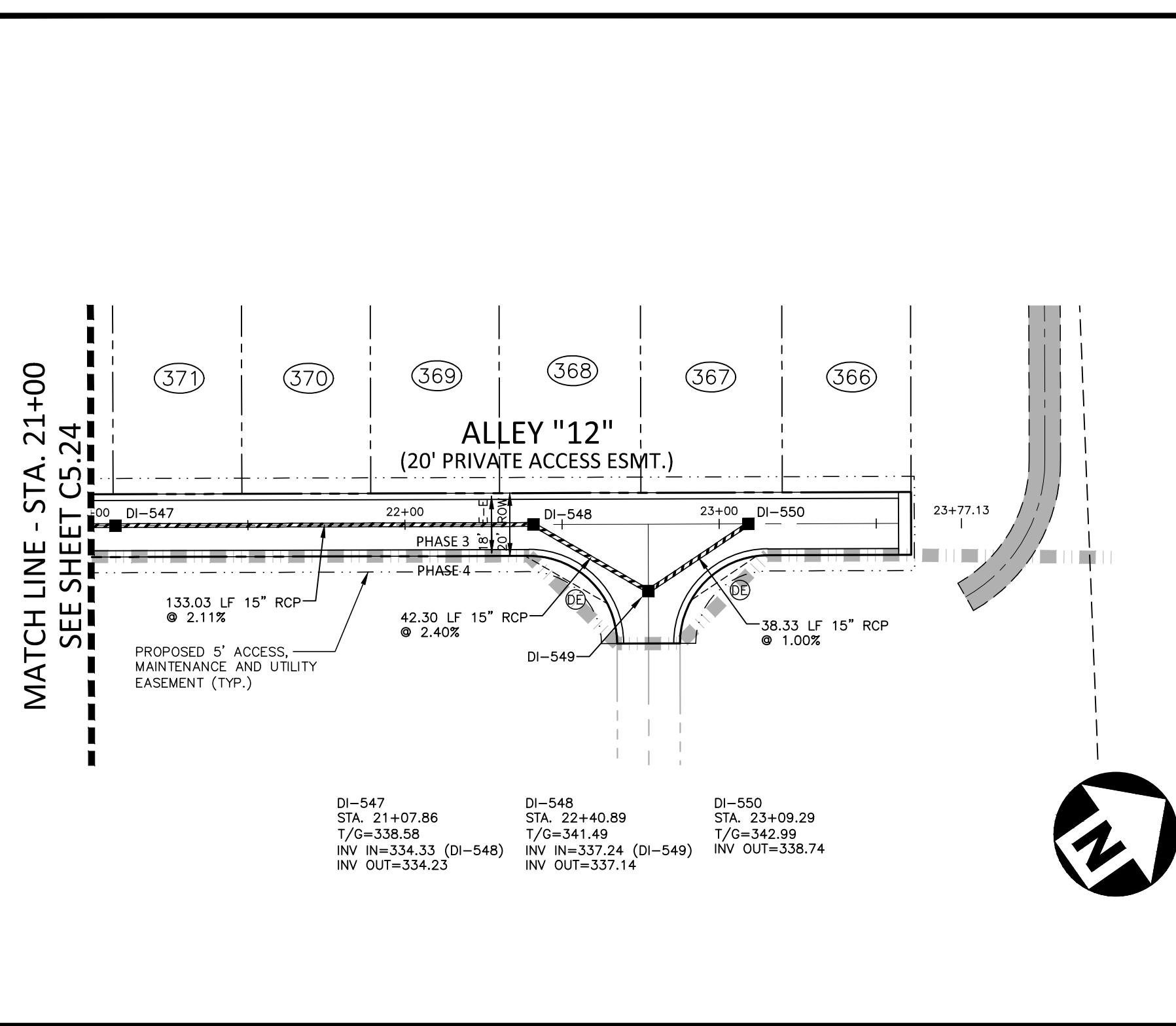
PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P3
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
ALLEY "12", STA. 13+50 THRU STA. 21+00

C5.24

CID-24-08



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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

CID-24-08

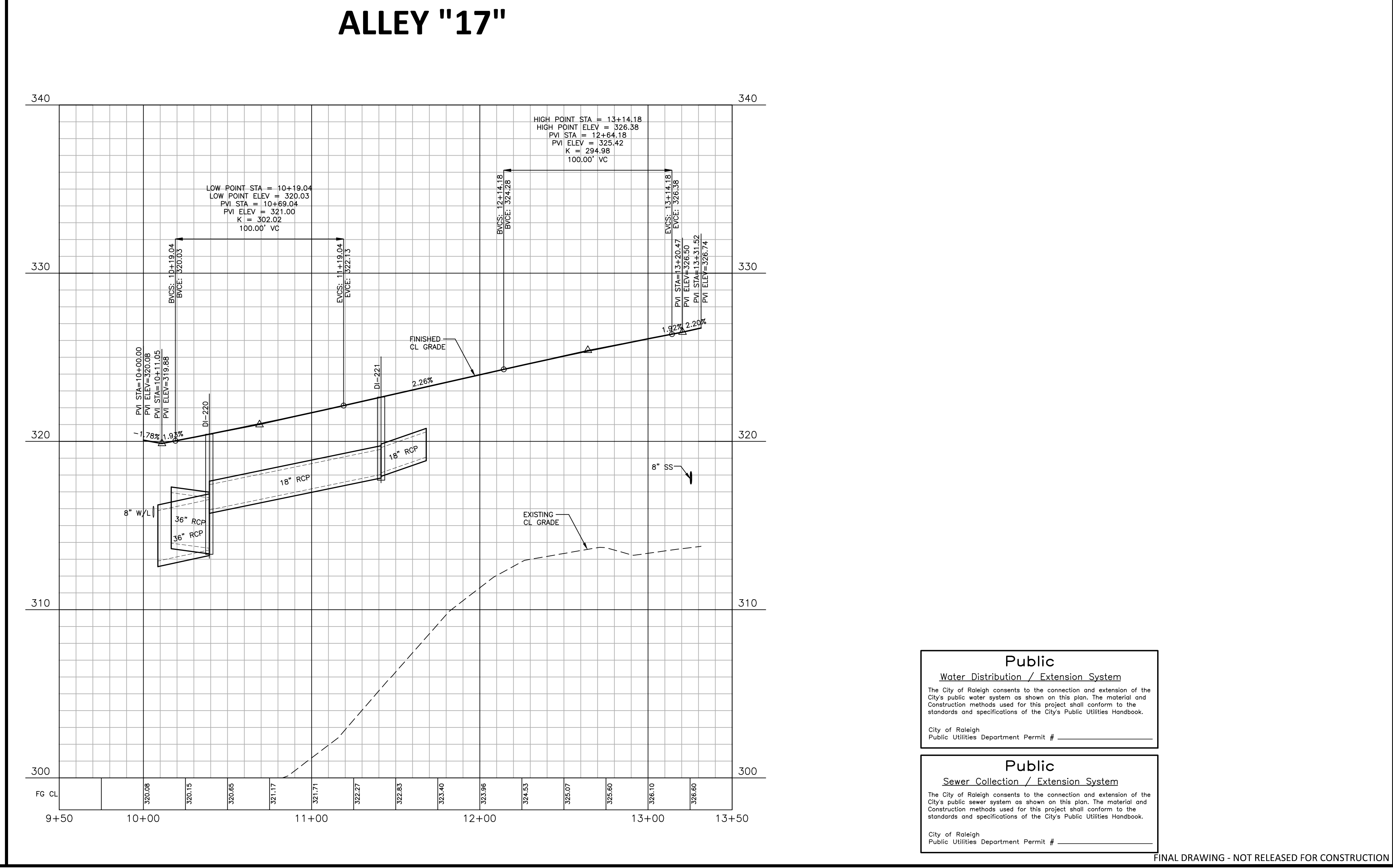
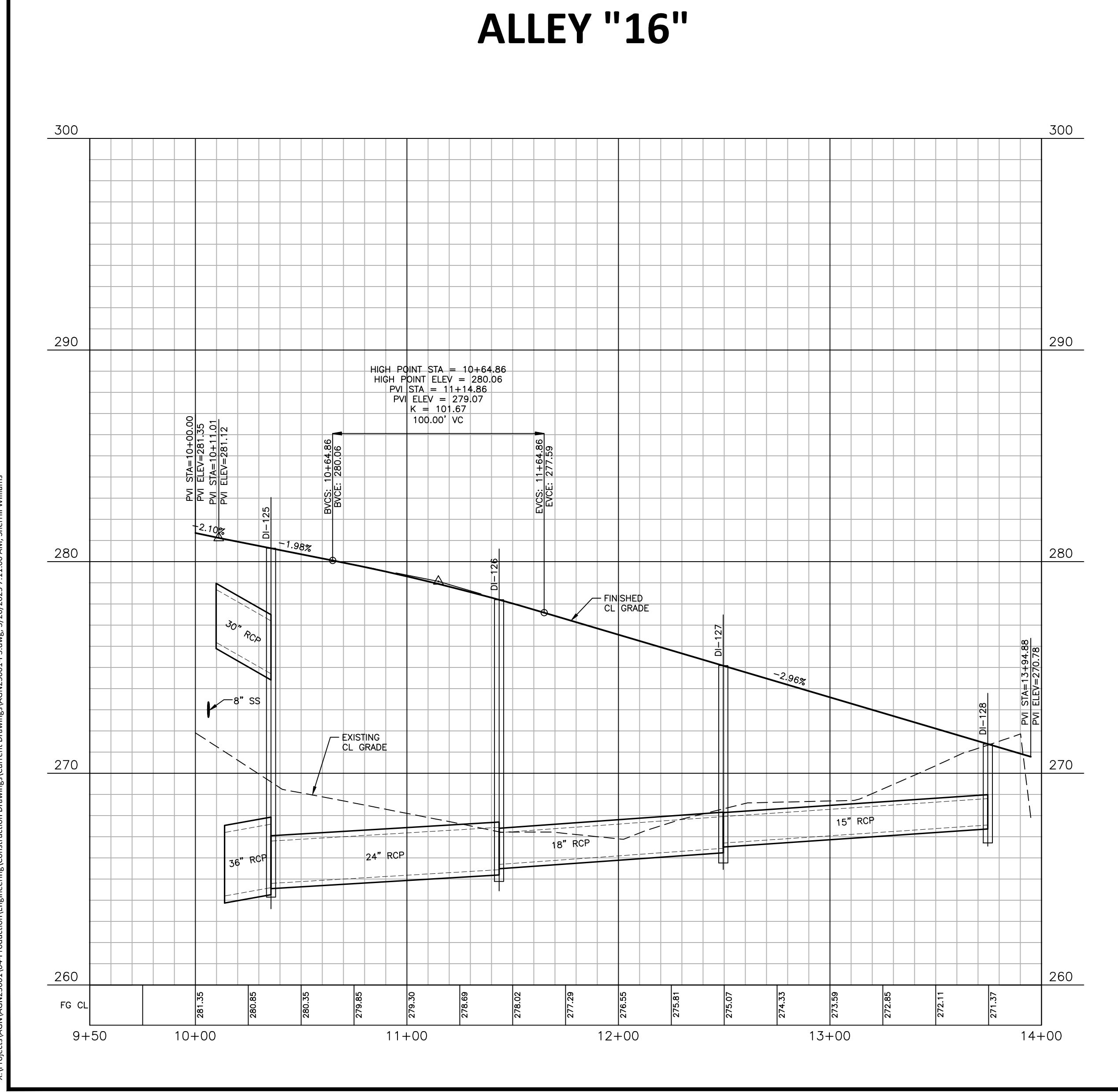
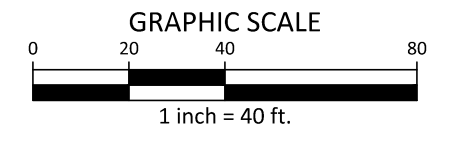
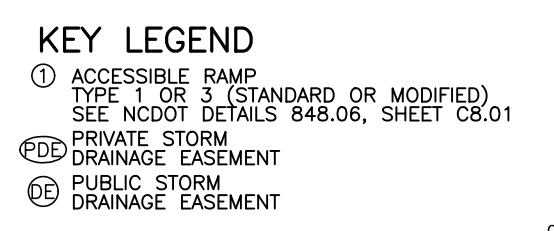
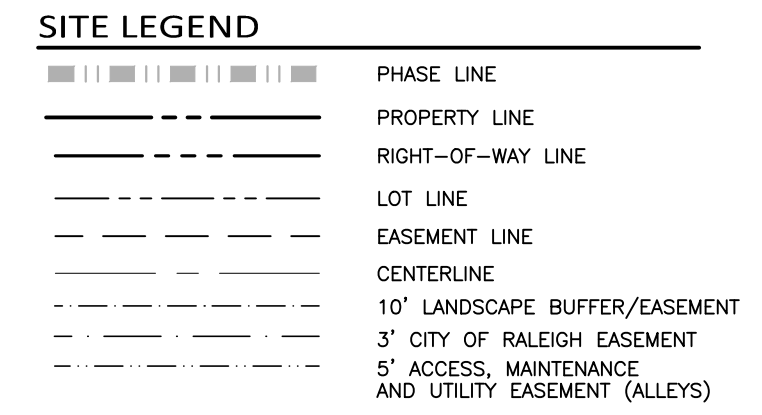
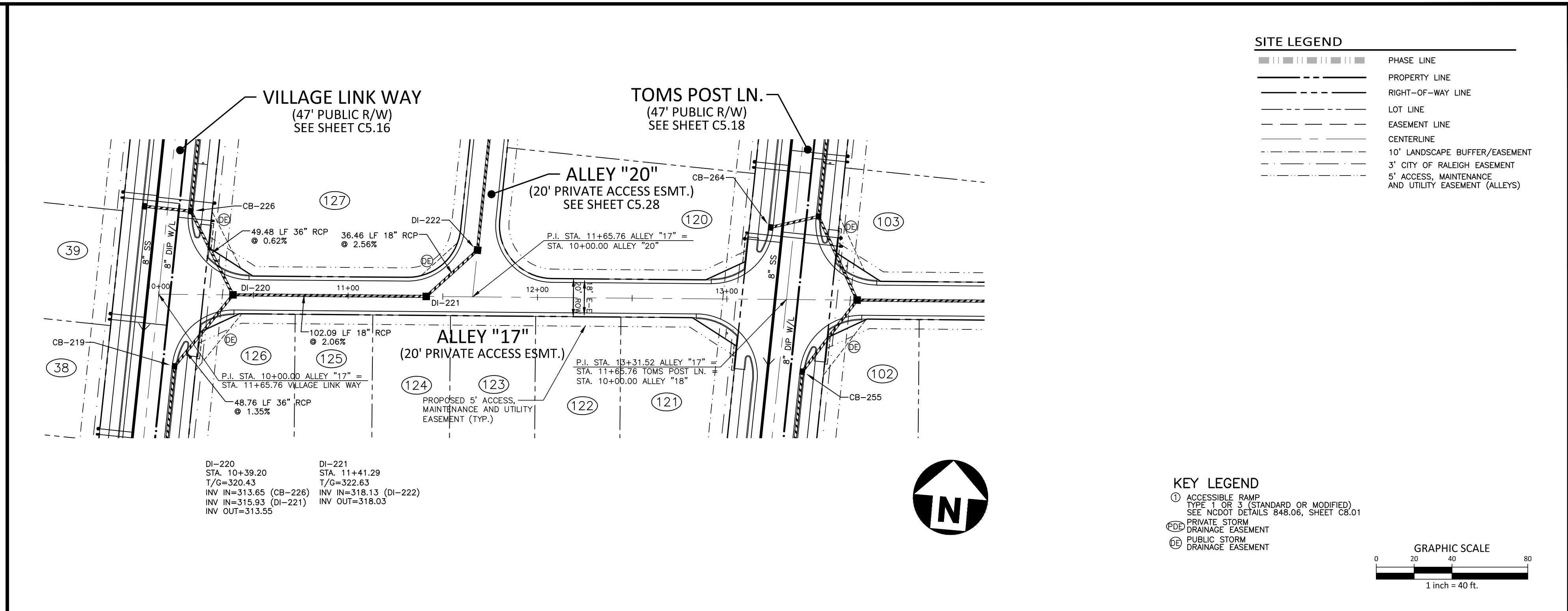
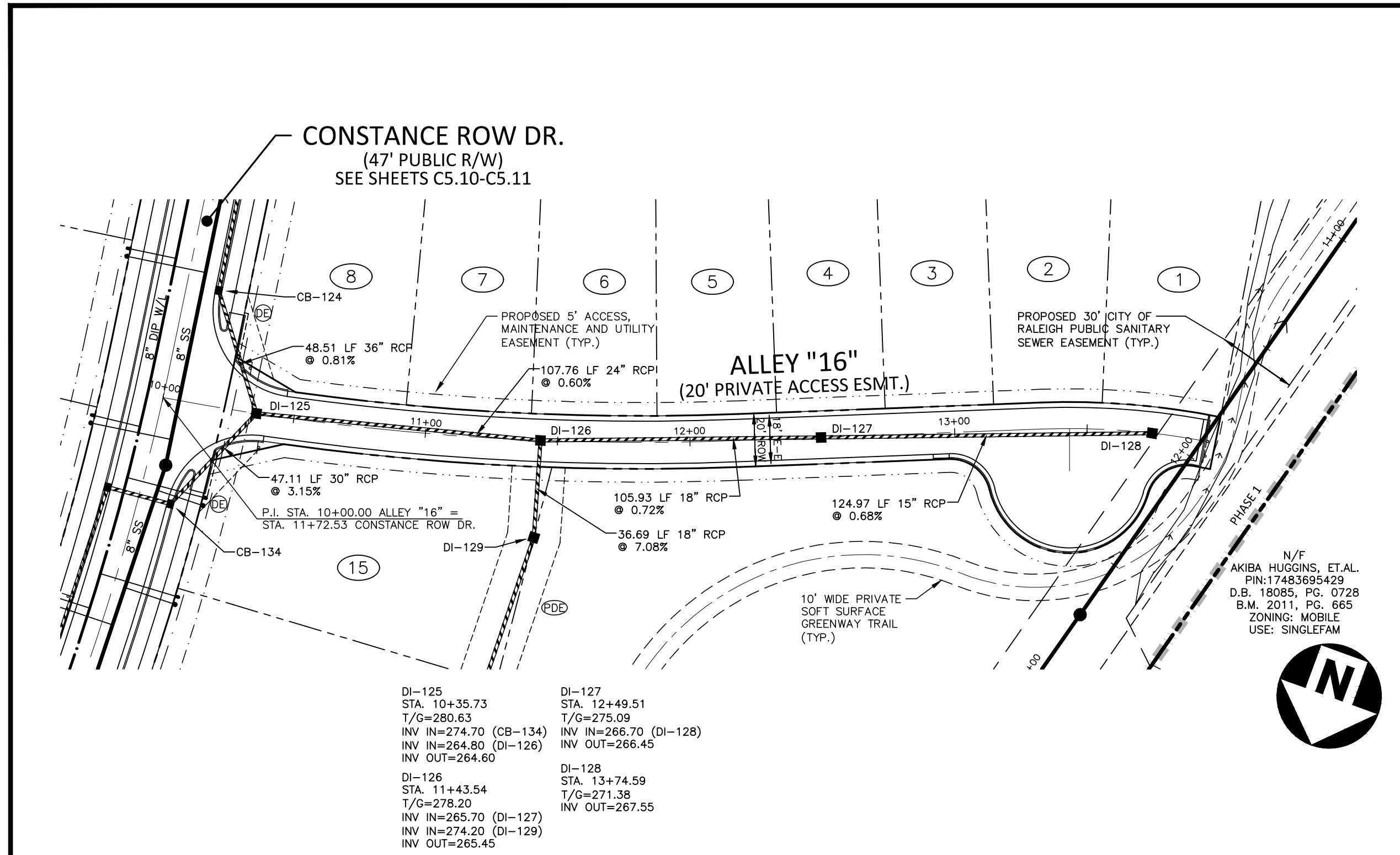
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FILENAME	AGN23001-P3
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PLAN AND PROFILE

ALLEY "12", STA. 21+00 THRU STA. 24+00
ALLEY "14", STA. 9+50 THRU STA. 12+00
ALLEY "15", STA. 9+50 THRU STA. 12+00

C5.25



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

PEARCE FARM - PHASES 1-3
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BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

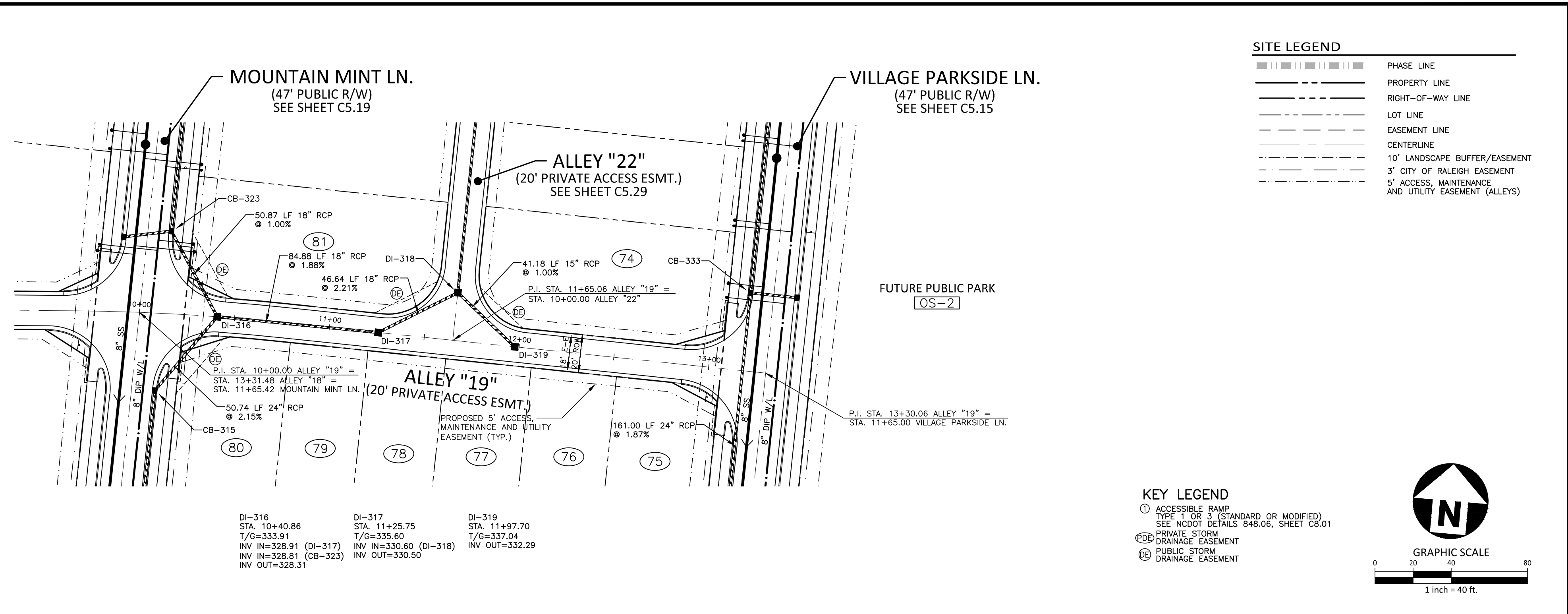
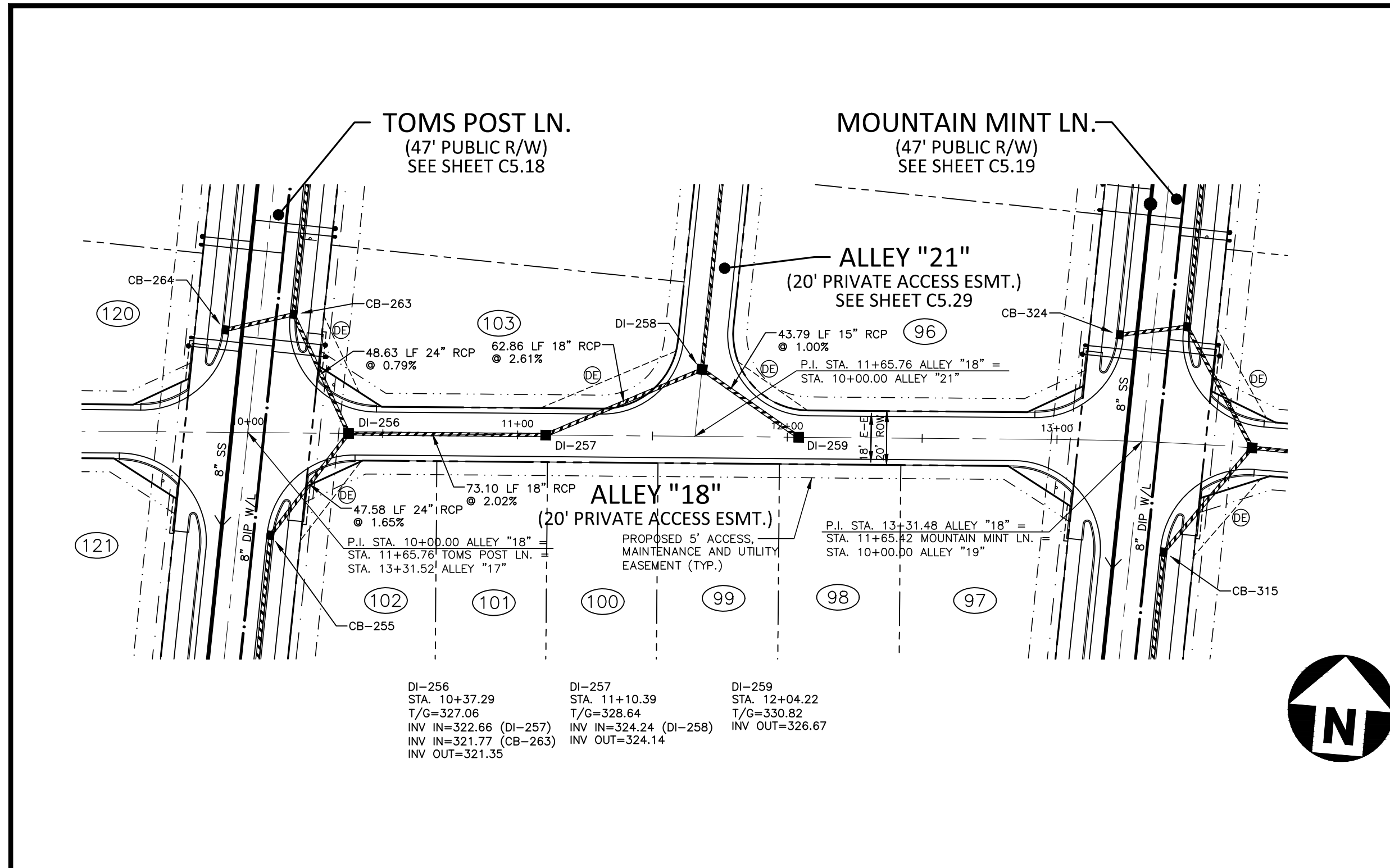
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PLAN AND PROFILE
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ALLEY "17", STA. 9+50 THRU STA. 13+50

C5.26

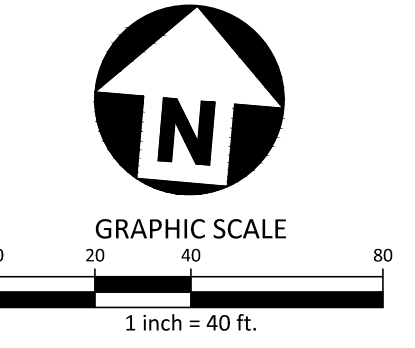
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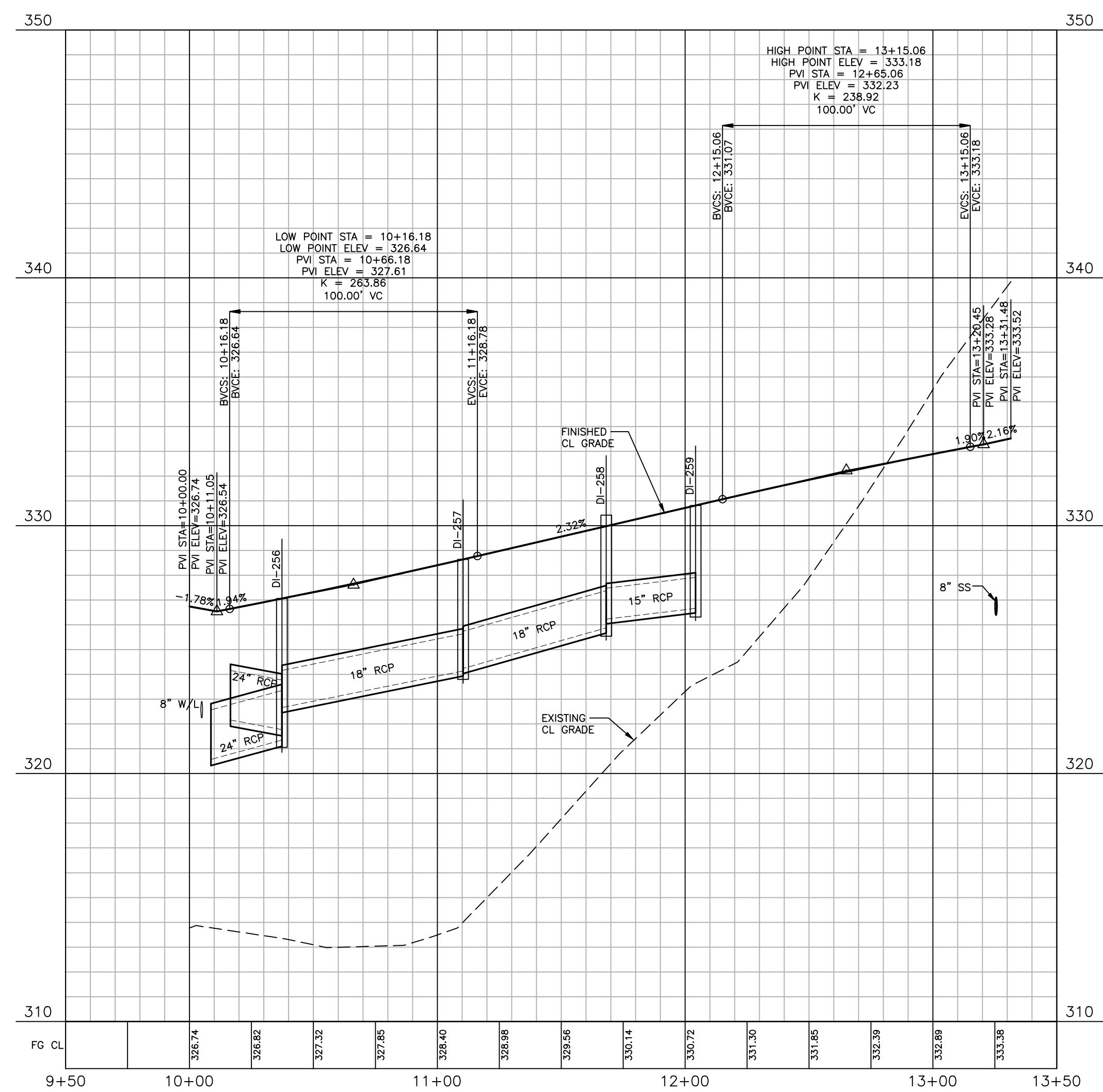


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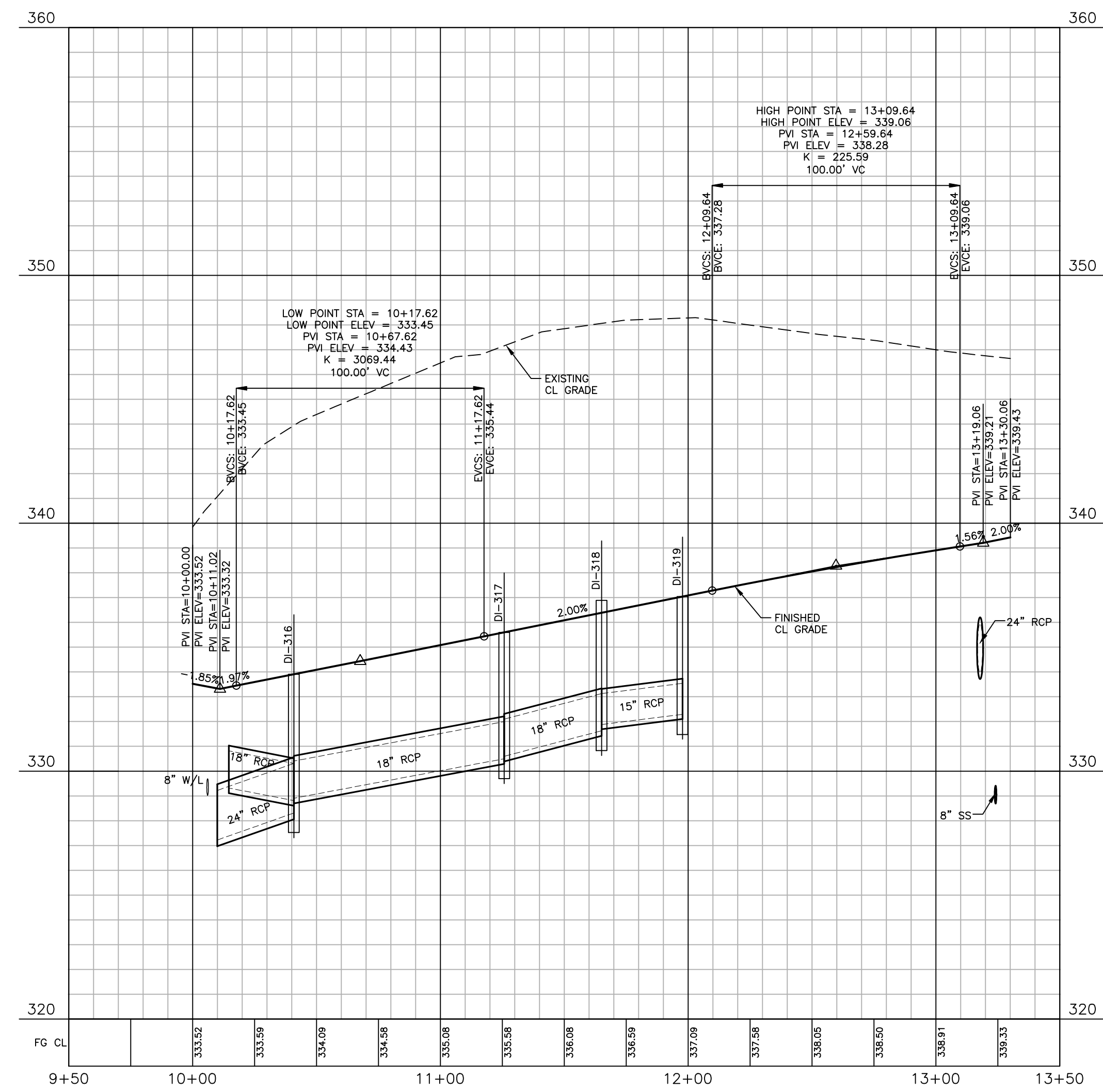
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 - ⊞ PUBLIC STORM DRAINAGE EASEMENT



ALLEY "18"



ALLEY "19"



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RALEIGH, NORTH CAROLINA 27615
CONTACT: JACOB ANDERSON
PHONE: 919. 239. 9486

AGNC
BROKERAGE | CONSULTING | PLANNING

REVISIONS

NO.	DATE	REVISION
1	02.03.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS
2	04.01.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS

NOTARY PUBLIC
WILLIAM T. O'DANIEL
STATE OF NORTH CAROLINA
LICENSE NO. 22630

PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO. AGN23001
FILENAME AGN23001-P3
CHECKED BY .
DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE

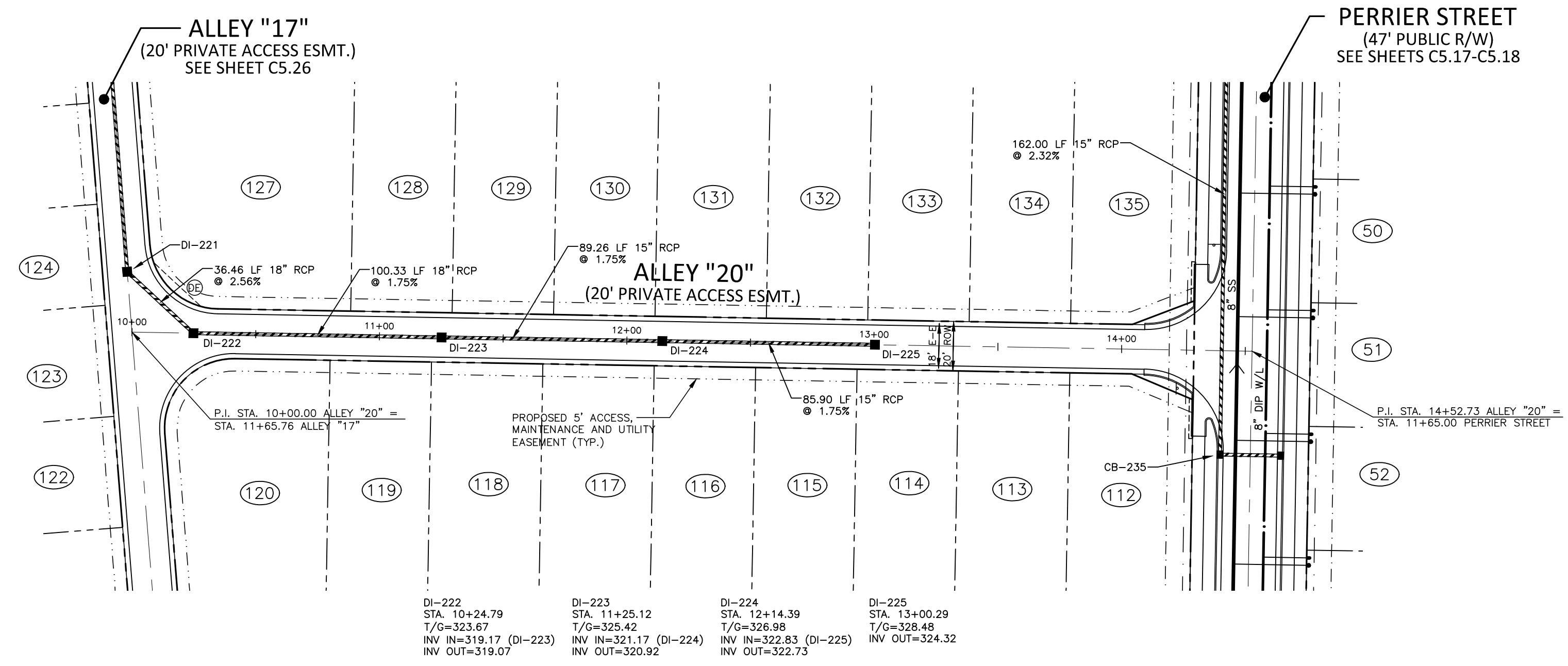
ALLEY "18", STA. 9+50 THRU STA. 13+50
ALLEY "19", STA. 9+50 THRU STA. 13+50

C5.27

CID-24-08

SITE LEGEND

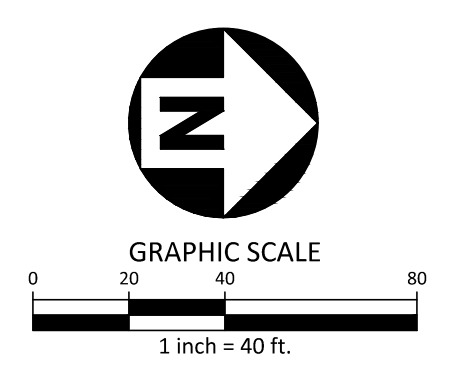
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---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
---	LOT LINE
---	EASEMENT LINE
---	CENTERLINE
---	10' LANDSCAPE BUFFER/EASEMENT
---	3' CITY OF RALEIGH EASEMENT
---	5' ACCESS, MAINTENANCE AND UTILITY EASEMENT (ALLEYS)



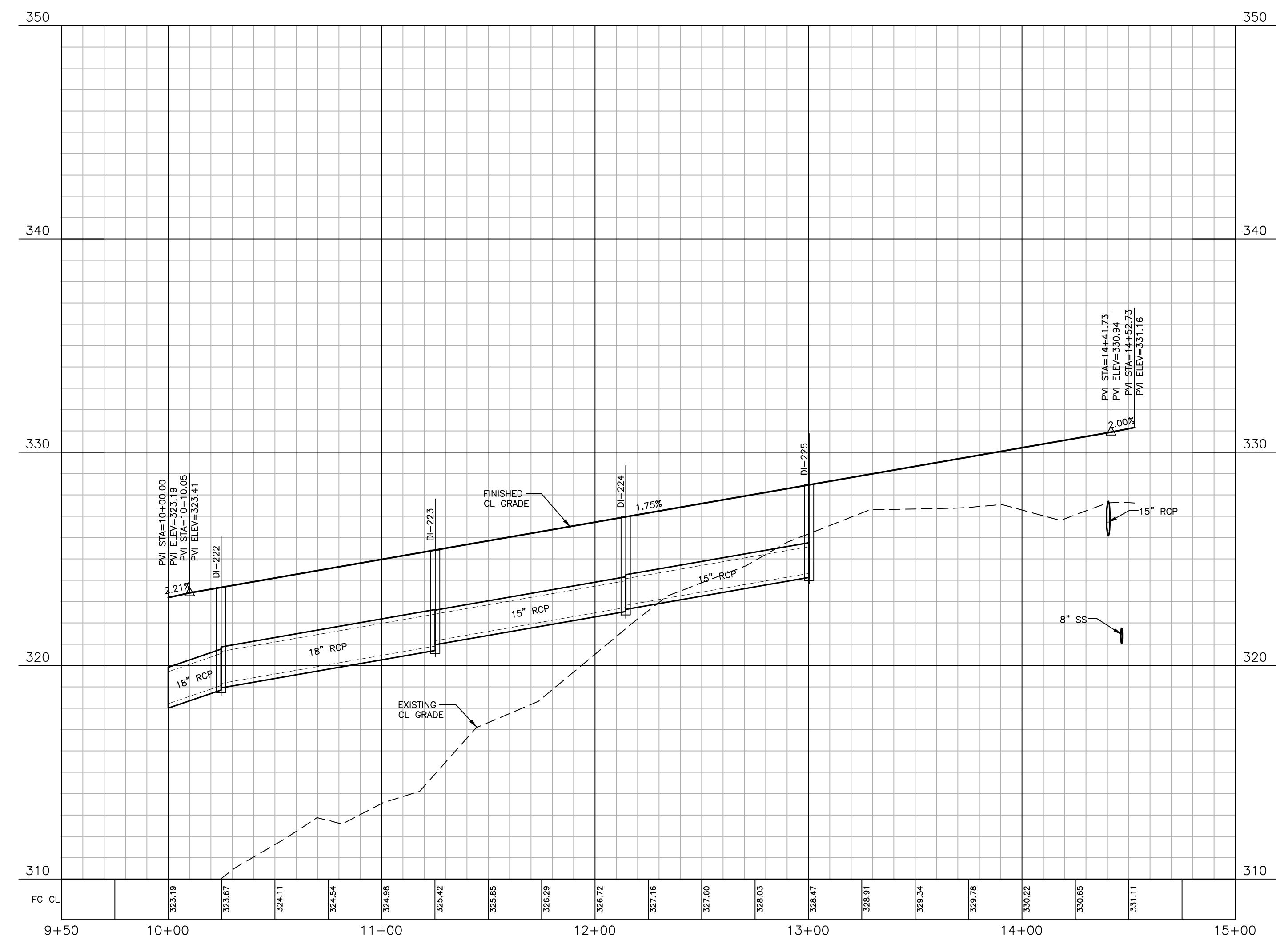
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---	---	---	---

KEY LEGEND

①	ACCESSIBLE RAMP TYPE 1 OR 3 (STANDARD OR MODIFIED) SEE NCDOT DETAILS 848.06, SHEET C8.01
②	PRIVATE STORM DRAINAGE EASEMENT
③	PUBLIC STORM DRAINAGE EASEMENT



ALLEY "20"



Public
Water Distribution / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

Public
Sewer Collection / Extension System

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City of Raleigh
Public Utilities Department Permit # _____

FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

X:\Projects\AGN23001\04-Production\Engineering\Construction Drawings\Current Drawings\AGN23001-PS.dwg, 3/26/2025 7:13:22 AM, Sherrill Williams

The John R. McAdams Company, Inc.
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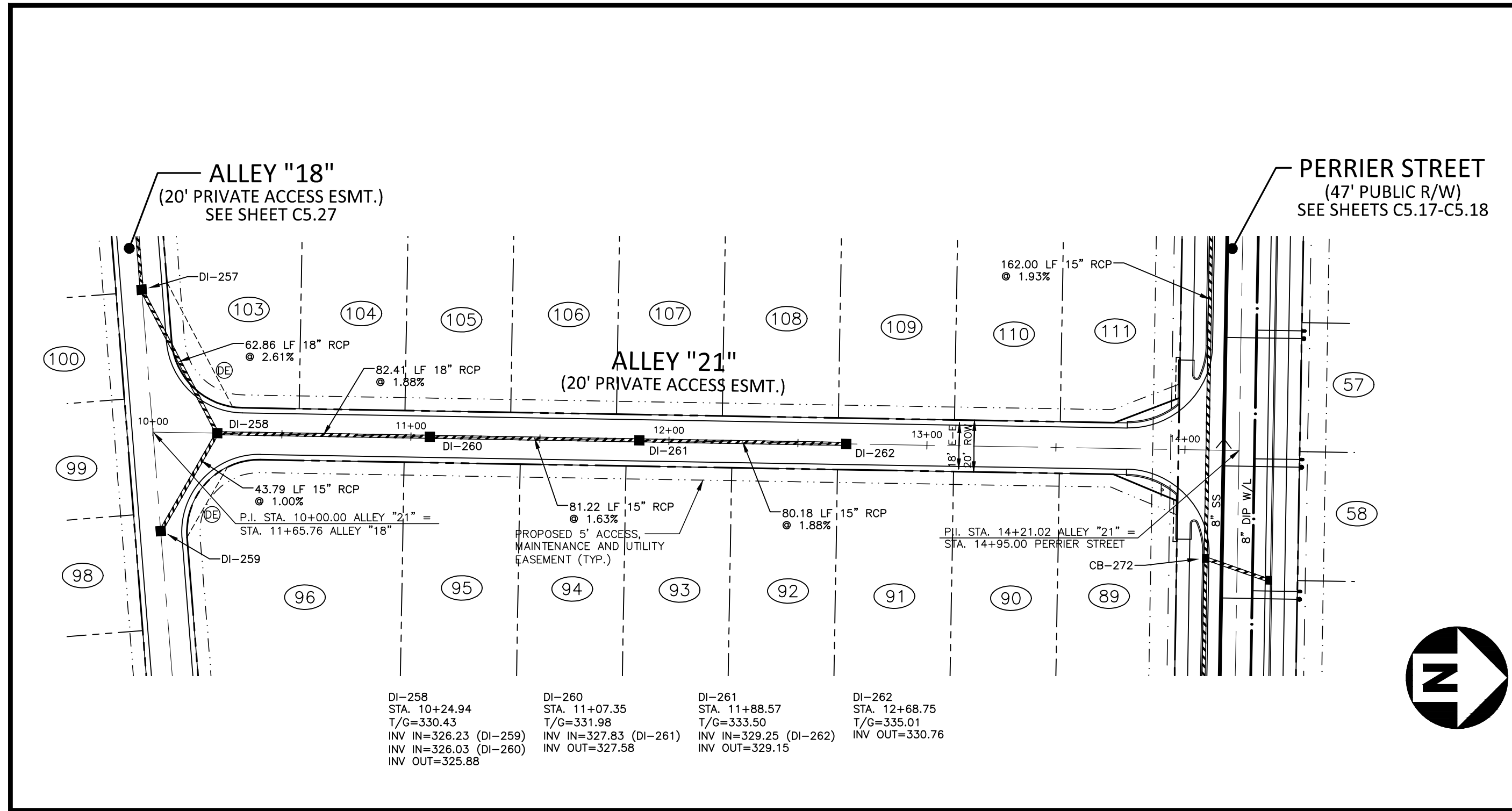
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

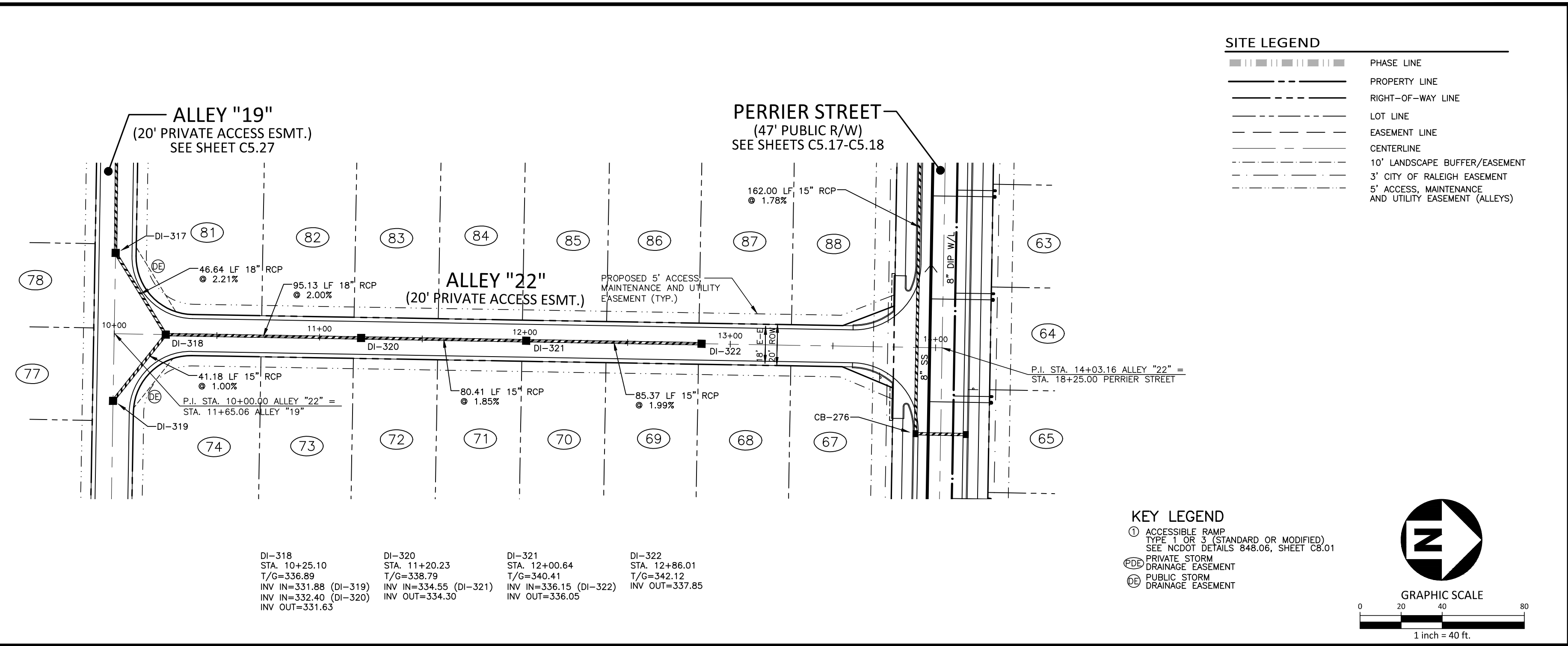
PROJECT NO.	AGN23001
FILENAME	AGN23001-P3
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
ALLEY "20", STA. 9+50 THRU STA. 15+00

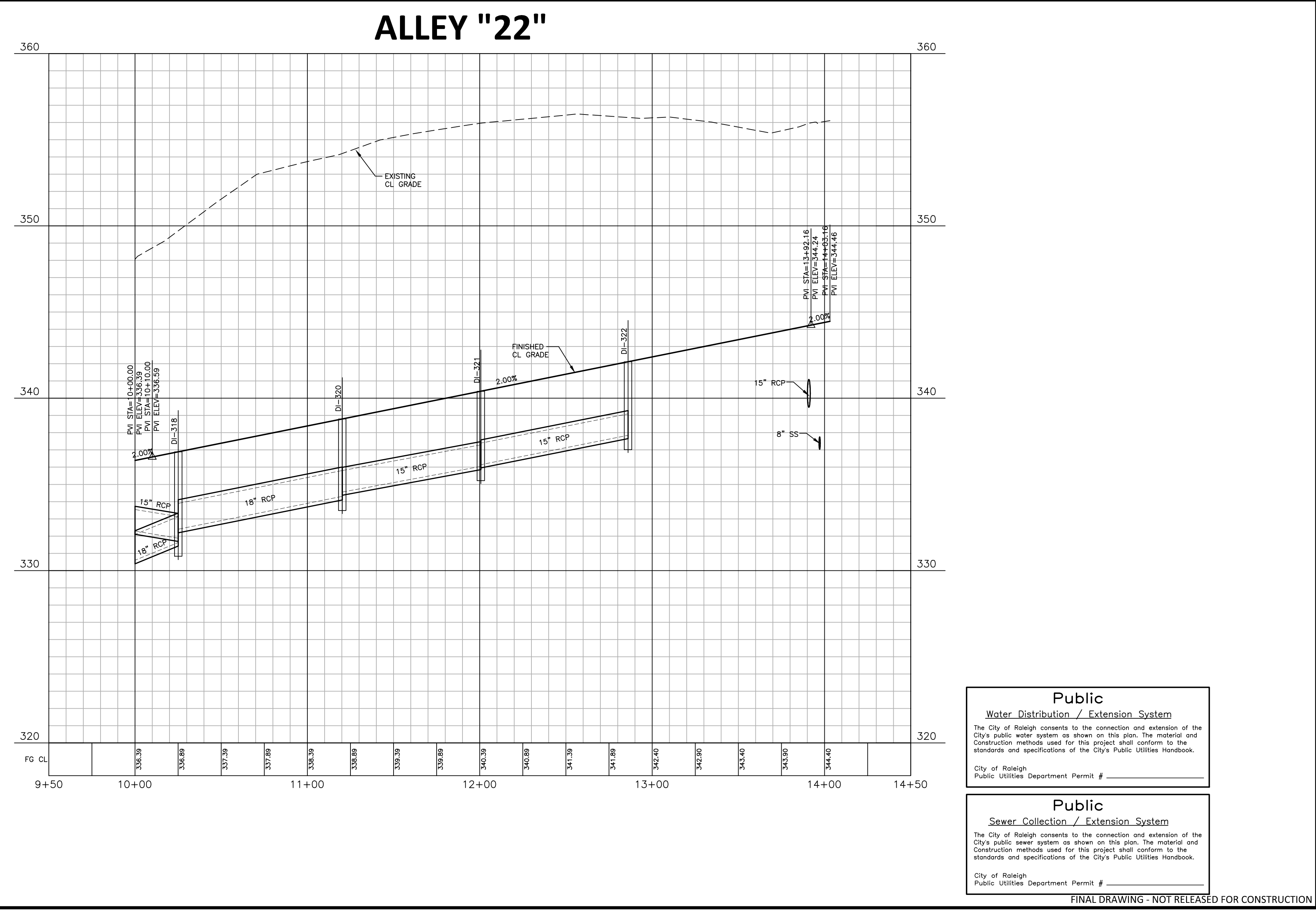
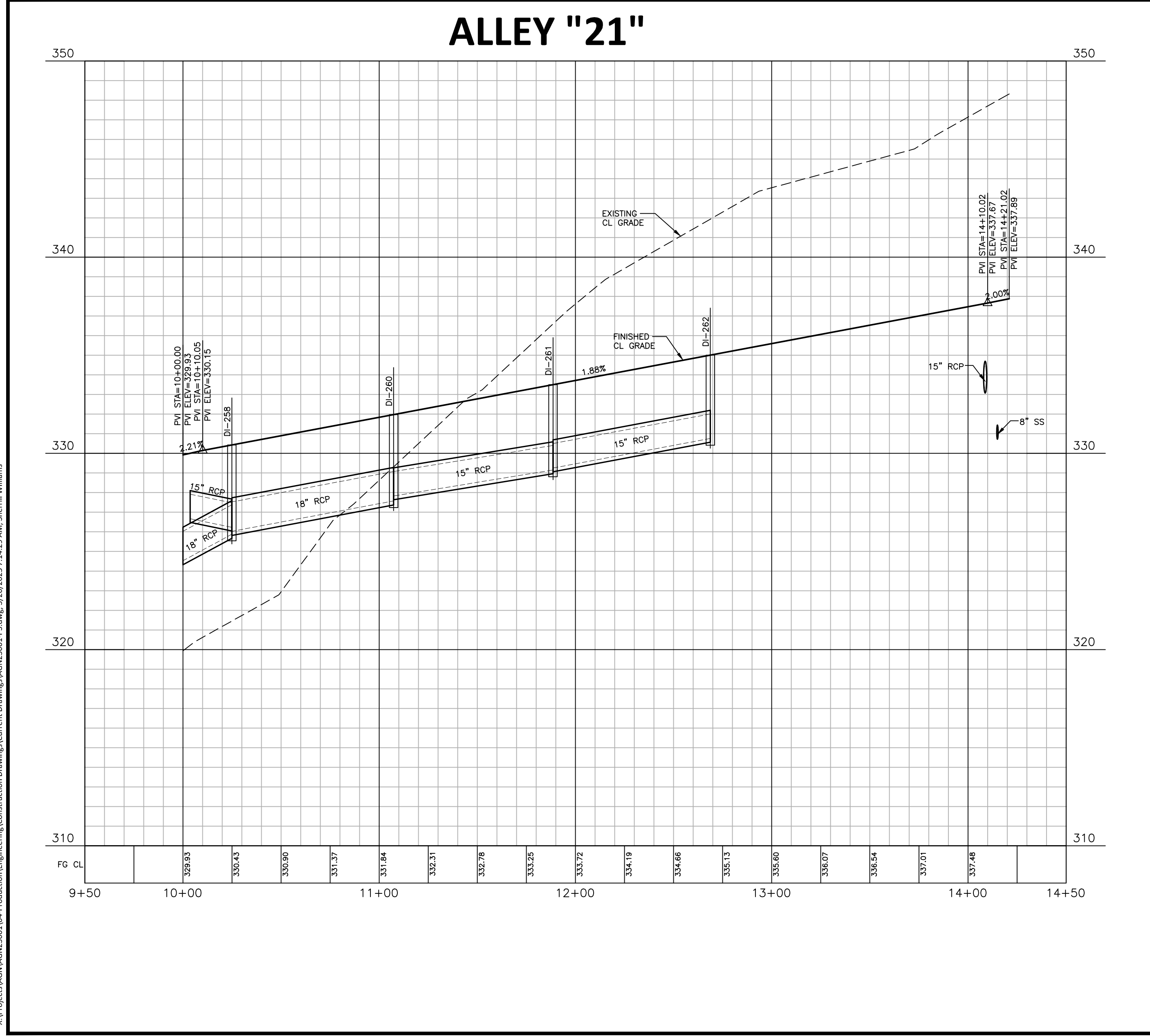
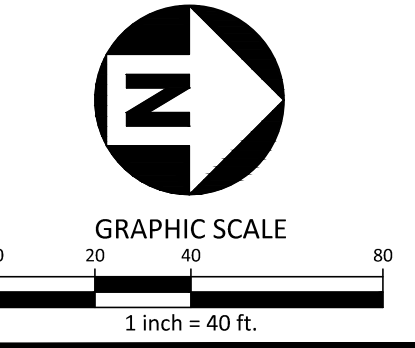
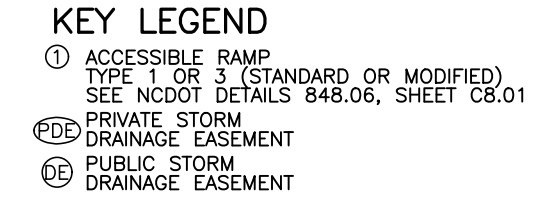
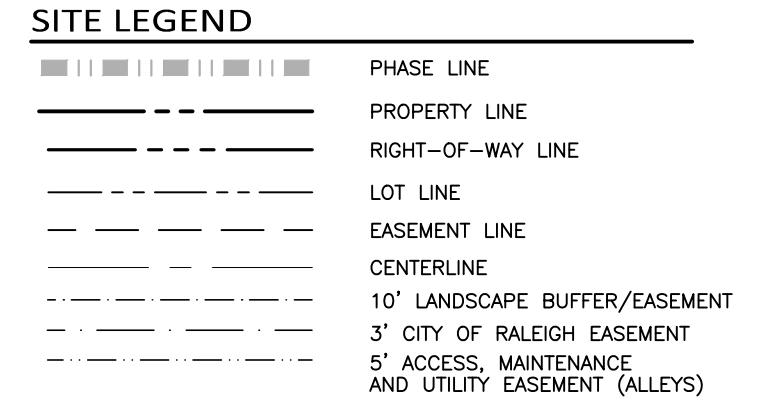
C5.28



DI-258	DI-260	DI-261	DI-262
STA. 10+24.94	STA. 11+07.35	STA. 11+88.57	STA. 12+68.75
T/G=330.43	T/G=331.96	T/G=333.50	T/G=335.01
INV IN=326.23 (DI-259)	INV IN=327.83 (DI-261)	INV IN=329.25 (DI-262)	INV OUT=330.76
INV IN=326.03 (DI-260)	INV OUT=327.58	INV OUT=329.15	
INV OUT=325.88			



DI-318	DI-320	DI-321	DI-322
STA. 10+25.10	STA. 11+20.23	STA. 12+00.64	STA. 12+86.01
T/G=336.89	T/G=338.79	T/G=340.41	T/G=342.12
INV IN=331.88 (DI-319)	INV IN=334.55 (DI-321)	INV IN=336.15 (DI-322)	INV OUT=337.85
INV IN=332.40 (DI-320)	INV OUT=334.30	INV OUT=336.05	
INV OUT=331.63			



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 City of Raleigh
 Public Utilities Department Permit # _____

Public
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 City of Raleigh
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FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

X:\Projects\AGN23001\04-Production\Engineering\Construction Drawings\AGN23001-PS.dwg, 3/26/2025 7:14:29 AM, Sherill Williams

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 2905 Meridian Parkway
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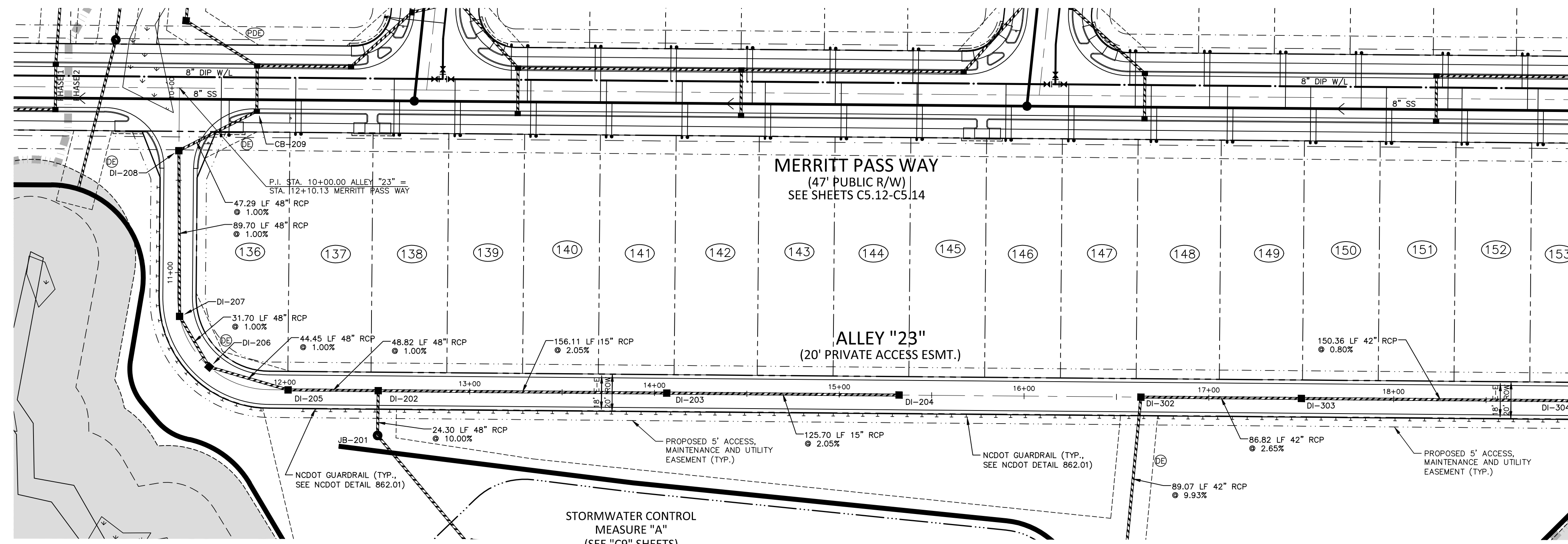
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
 BURLINGTON MILLS ROAD
 TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

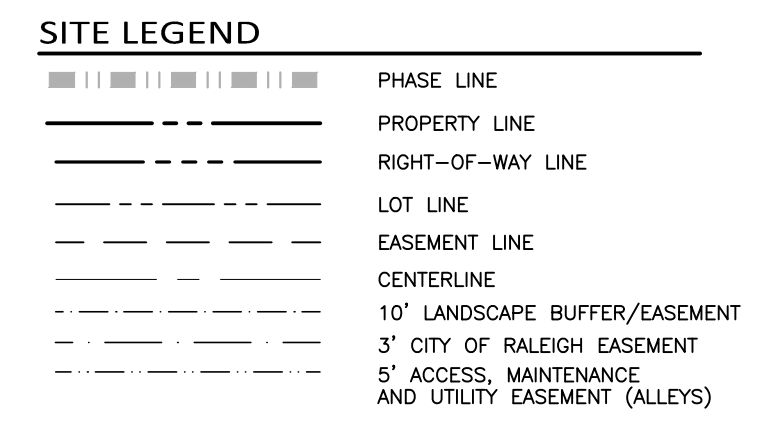
PROJECT NO.	AGN23001
FILENAME	AGN23001-PS
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
 ALLEY "21", STA. 9+50 THRU STA. 14+50
 ALLEY "22", STA. 9+50 THRU STA. 14+50

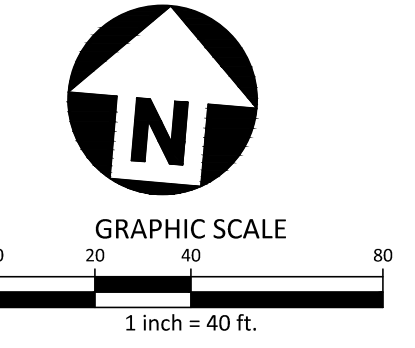
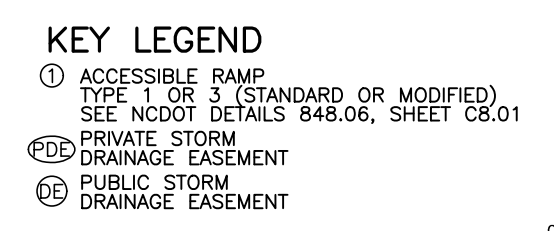
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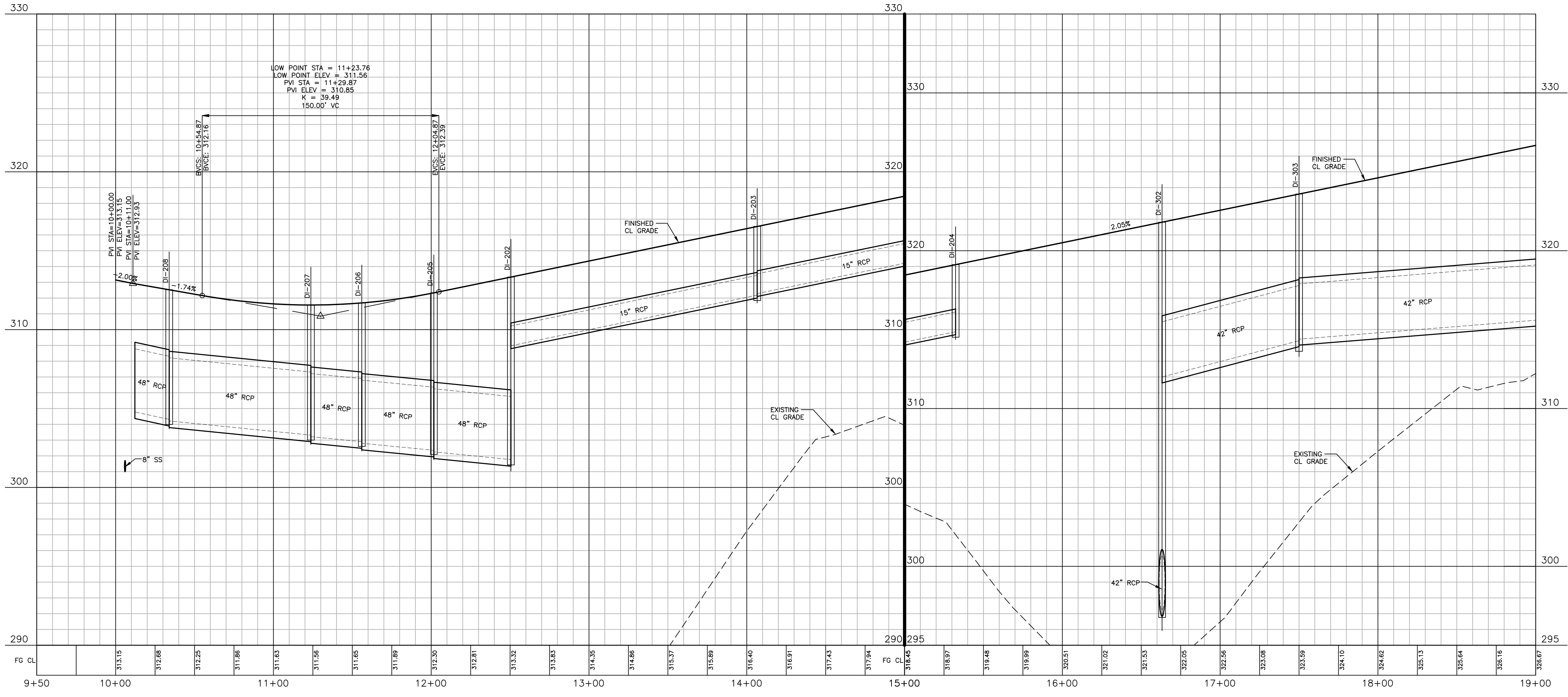
MATCH LINE - STA. 19+00
SEE SHEET C5.31



DI-202 STA. 12+50.53 T/G=313.33 INV IN=301.76 (DI-205) INV IN=308.98 (DI-203) INV OUT=301.53	DI-207 STA. 11+23.76 T/G=311.56 INV IN=303.31 (DI-208) INV OUT=303.21
DI-203 STA. 14+06.64 T/G=316.54 INV IN=312.29 (DI-204) INV OUT=312.19	DI-208 STA. 10+33.99 T/G=312.52 INV IN=304.31 (CB-209) INV OUT=304.21
DI-204 STA. 15+32.34 T/G=319.12 INV OUT=314.87	DI-302 STA. 16+63.21 T/G=321.81 INV IN=312.00 (DI-303) INV OUT=297.20
DI-205 STA. 12+01.71 T/G=312.33 INV IN=302.35 (DI-206) INV OUT=302.25	DI-303 STA. 17+50.03 T/G=323.59 INV IN=314.40 (DI-304) INV OUT=314.30
DI-206 STA. 11+56.02 T/G=311.69 INV IN=302.90 (DI-207) INV OUT=302.80	DI-304 STA. 18+00.39 T/G=326.68 INV IN=315.70 (DI-305) INV OUT=315.60



ALLEY "23"



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Public Utilities Department Permit # _____

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City of Raleigh
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FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

X:\Projects\AGN23001\04-Production\Engineering\Construction Drawings\Current Drawings\AGN23001-P3.dwg, 3/26/2025 7:00:38 AM, Sherrill Williams

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Durham, NC 27713

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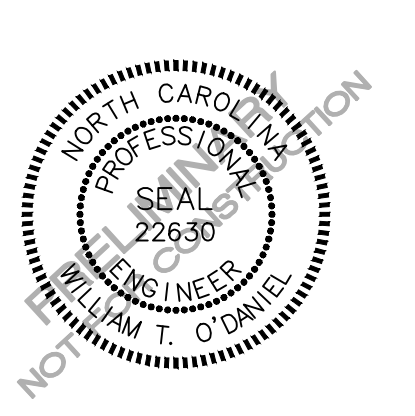
www.mcadamsco.com

CLIENT
ALLIANCE GROUP OF NC, LLC
7208 FALLS OF NEUSE RD, SUITE 101
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AGNC
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NO.	DATE	REVISION
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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

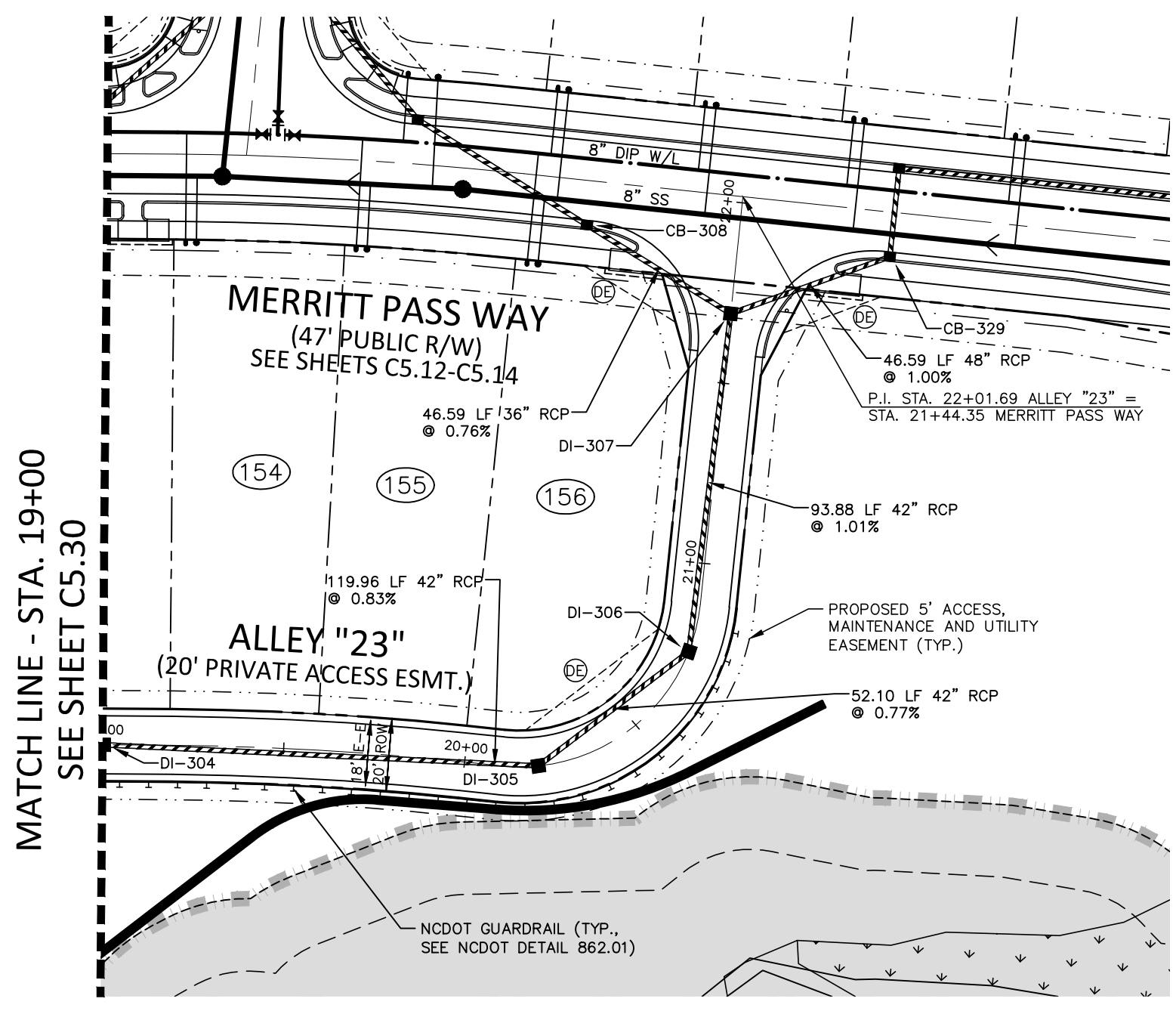
PROJECT NO.	AGN23001
FILENAME	AGN23001-P3
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
ALLEY "23", STA. 9+50 THRU STA. 19+00

C5.30

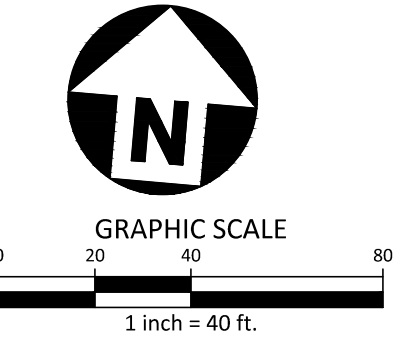
CID-24-08

SITE LEGEND	
---	PHASE LINE
---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
---	LOT LINE
---	EASEMENT LINE
---	CENTERLINE
---	10' LANDSCAPE BUFFER/EASEMENT
---	3' CITY OF RALEIGH EASEMENT
---	5' ACCESS, MAINTENANCE AND UTILITY EASEMENT (ALLEYS)

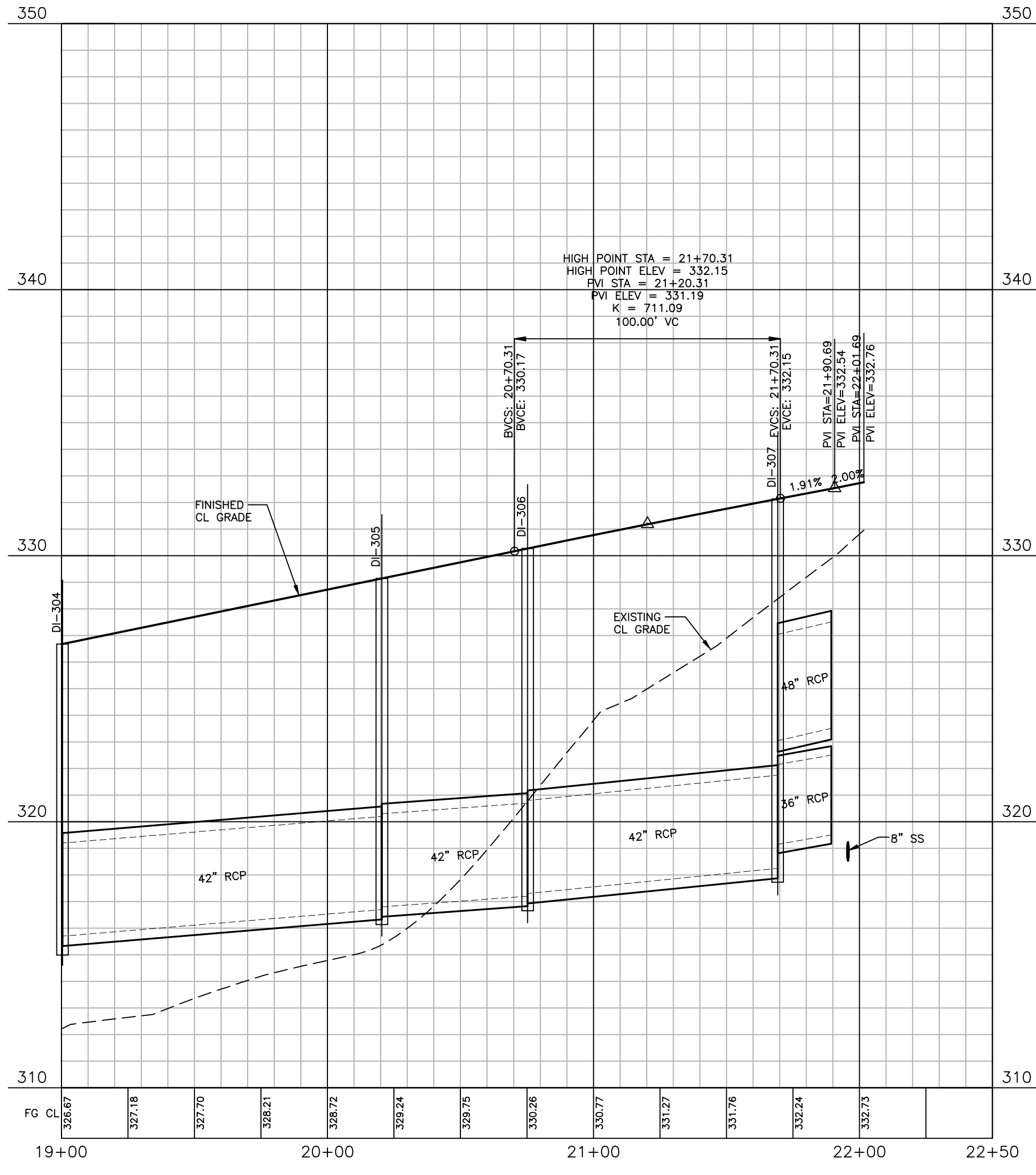


DI-304	STA. 19+00.39
T/G=326.68	
INV IN=315.70 (DI-305)	
INV OUT=315.60	
DI-305	STA. 20+20.44
T/G=329.14	
INV IN=316.80 (DI-306)	
INV OUT=316.70	
DI-306	STA. 20+75.24
T/G=330.27	
INV IN=317.30 (DI-307)	
INV OUT=317.20	
DI-307	STA. 21+69.26
T/G=332.13	
INV IN=319.15 (CB-308)	
INV OUT=318.25	

KEY LEGEND	
①	ACCESSIBLE RAMP
②	TYPE 1 OR 3 (STANDARD OR MODIFIED)
	SEE NCDOT DETAILS 848.06, SHEET C8.01
③	PRIVATE STORM
④	DRAINAGE EASEMENT
⑤	PUBLIC STORM
⑥	DRAINAGE EASEMENT



ALLEY "23"



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Public
<u>Sewer Collection / Extension System</u>
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FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

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PEARCE FARM - PHASES 1-3
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TOWN OF ROLESVILLE, NORTH CAROLINA

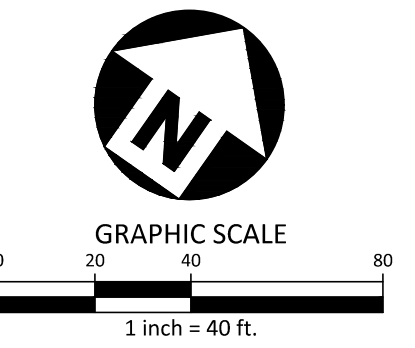
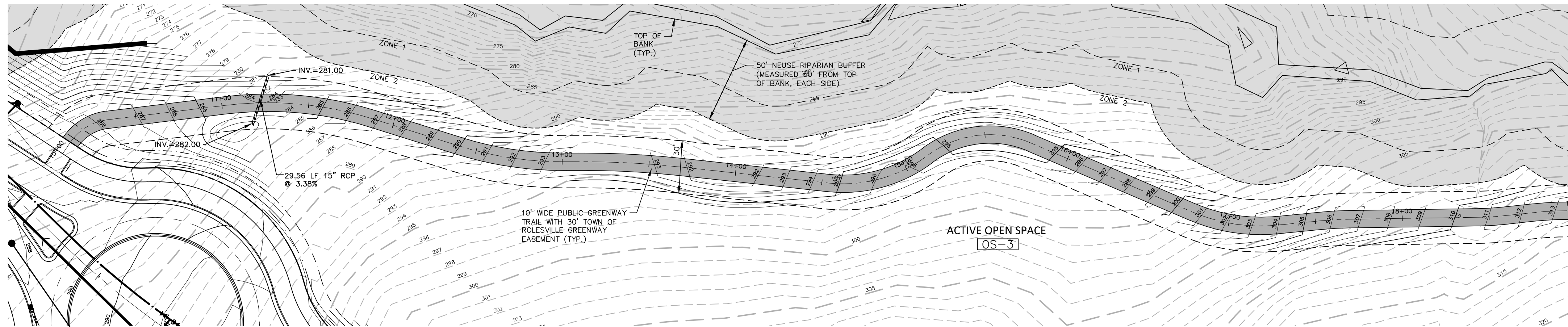
PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P3
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

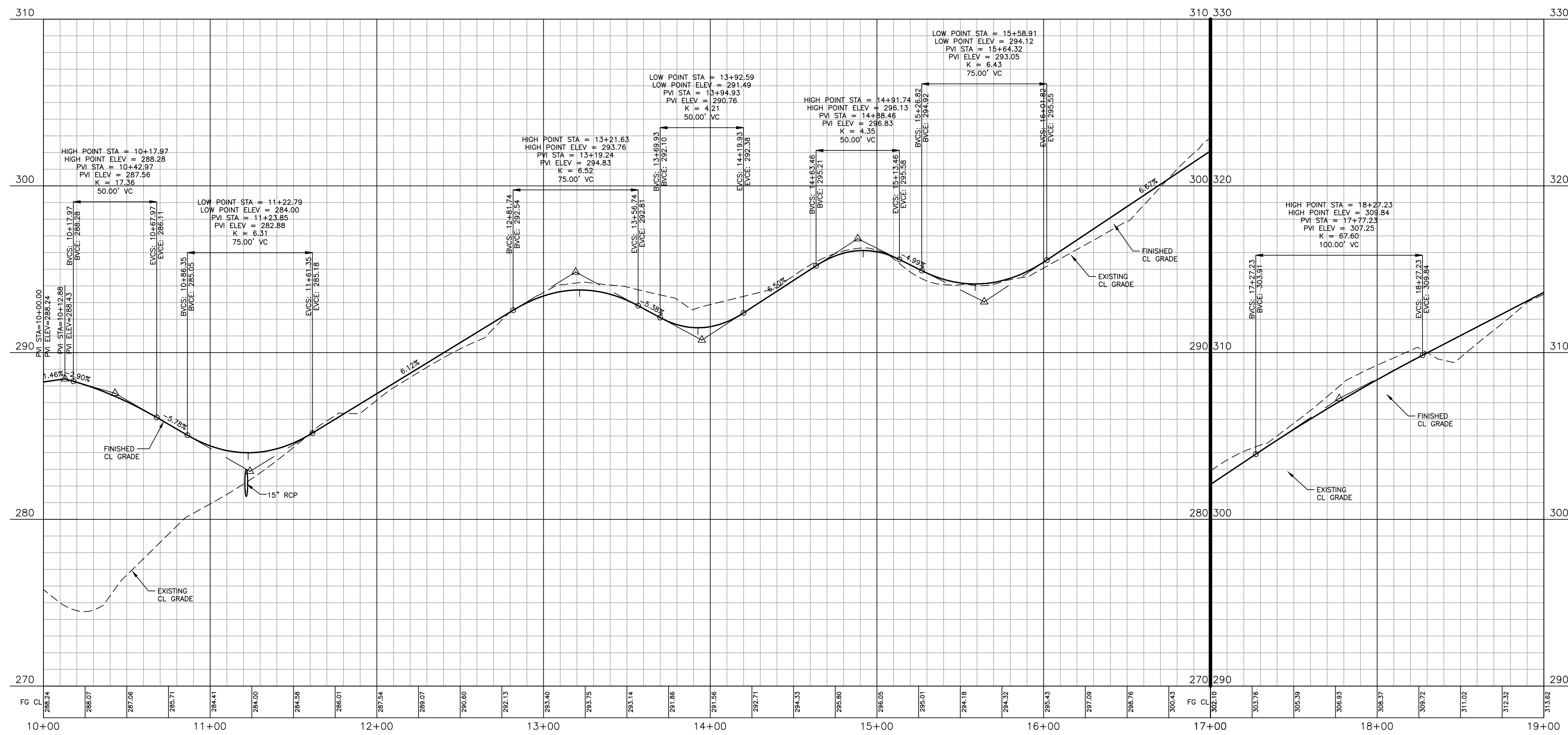
PLAN AND PROFILE
ALLEY "23", STA. 19+00 THRU STA. 22+50

C5.31

CID-24-08



GREENWAY "1"



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FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION



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PEARCE FARM - PHASES 1-3
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BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

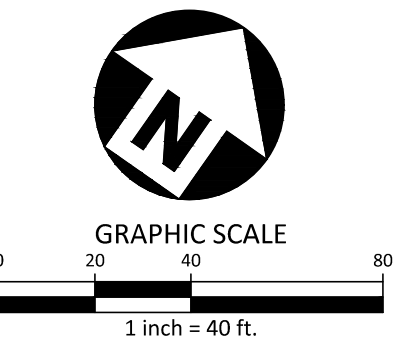
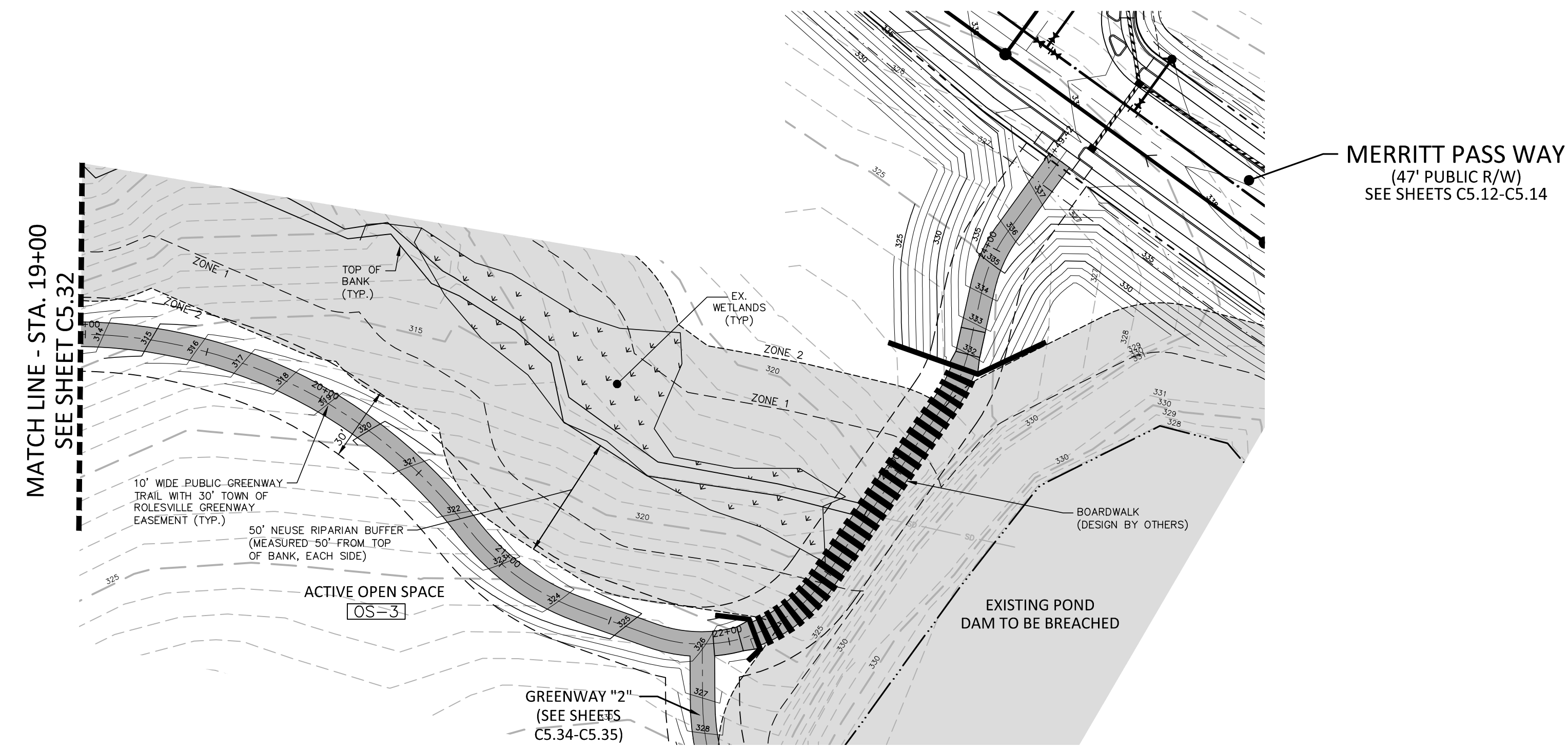
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PLAN INFORMATION

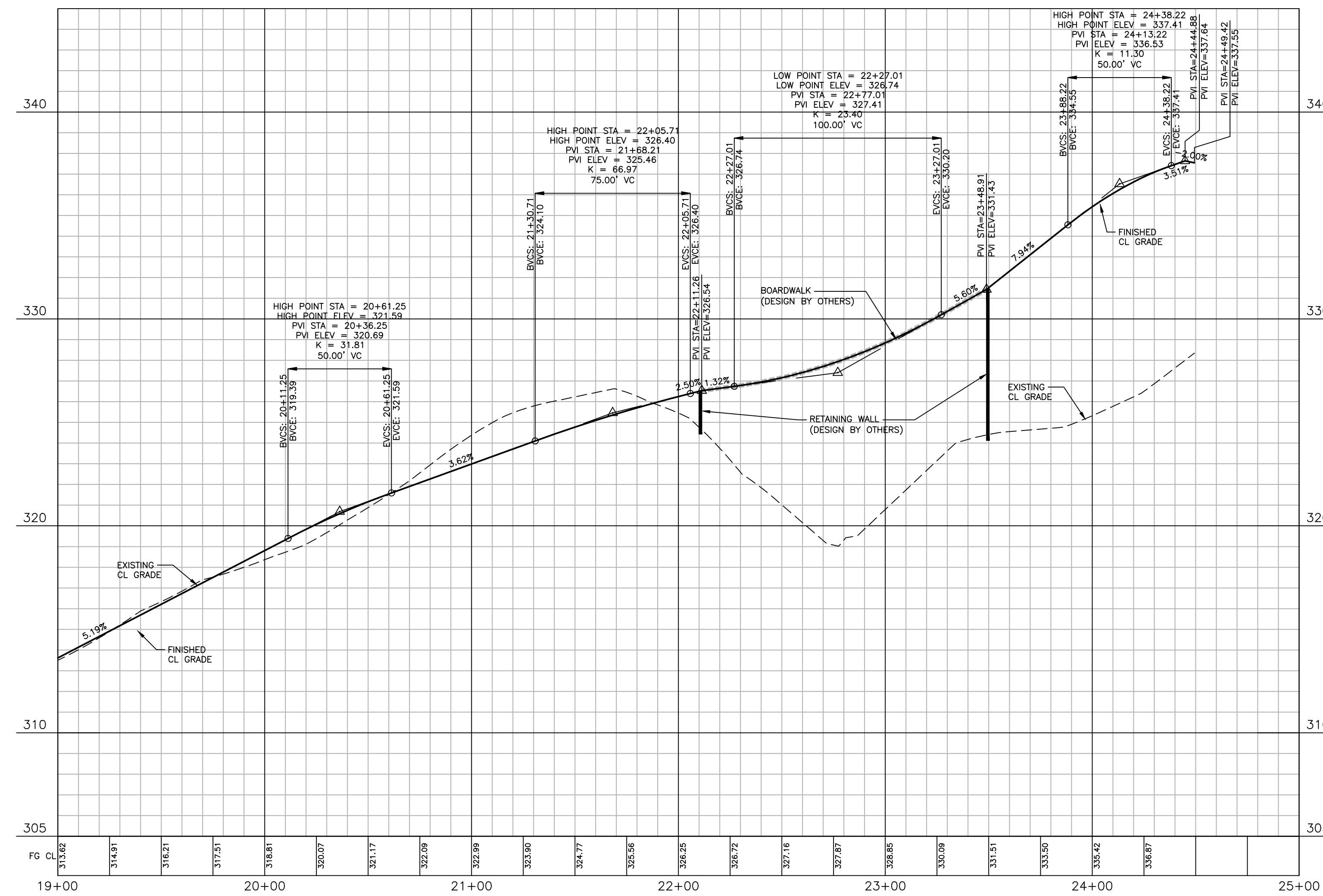
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FILENAME	AGN23001-P4
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

PLAN AND PROFILE
GREENWAY "1", STA. 10+00 THRU STA. 19+00

C5.32



GREENWAY "1"



FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

X:\Projects\AGN\AGN23001\04-Production\Engineering\Construction Drawings\AGN23001-P4.dwg, 3/26/2025 7:38:21 AM, Sherrill Williams




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PEARCE FARM - PHASES 1-3

CONSTRUCTION DRAWINGS - PACKAGE 1

BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

PLAN INFORMATION

PROJECT NO.	AGN23001
FILENAME	AGN23001-P4
CHECKED BY	.
DRAWN BY	.
SCALE	1"=40'/1"=4'
DATE	12.02.2024

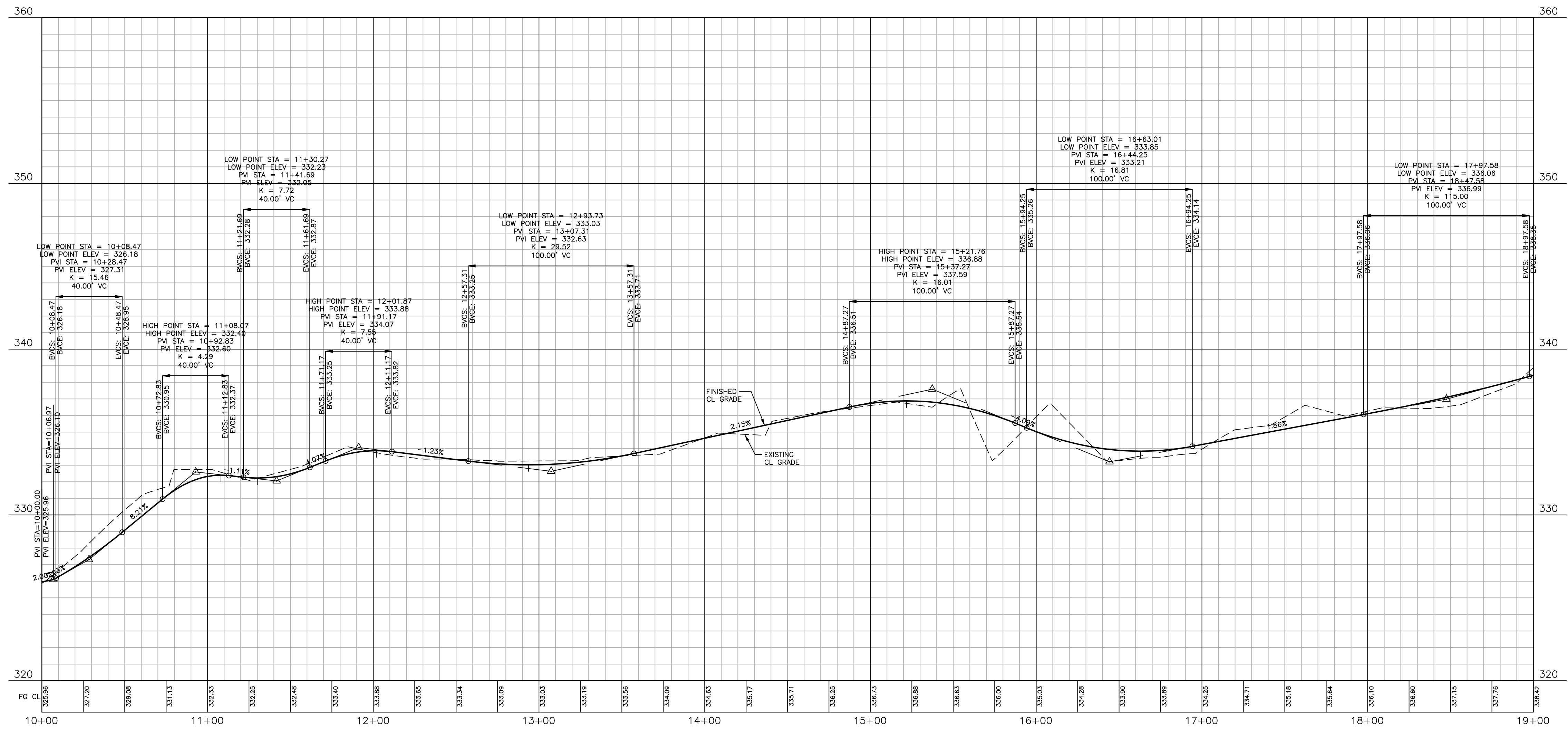
PLAN AND PROFILE
GREENWAY "1", STA. 19+00 THRU STA. 25+00

C5.33

CID-24-08



GREENWAY "2"



FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION



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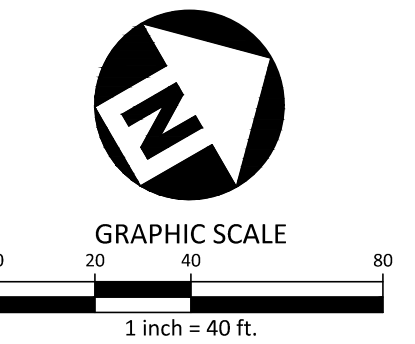
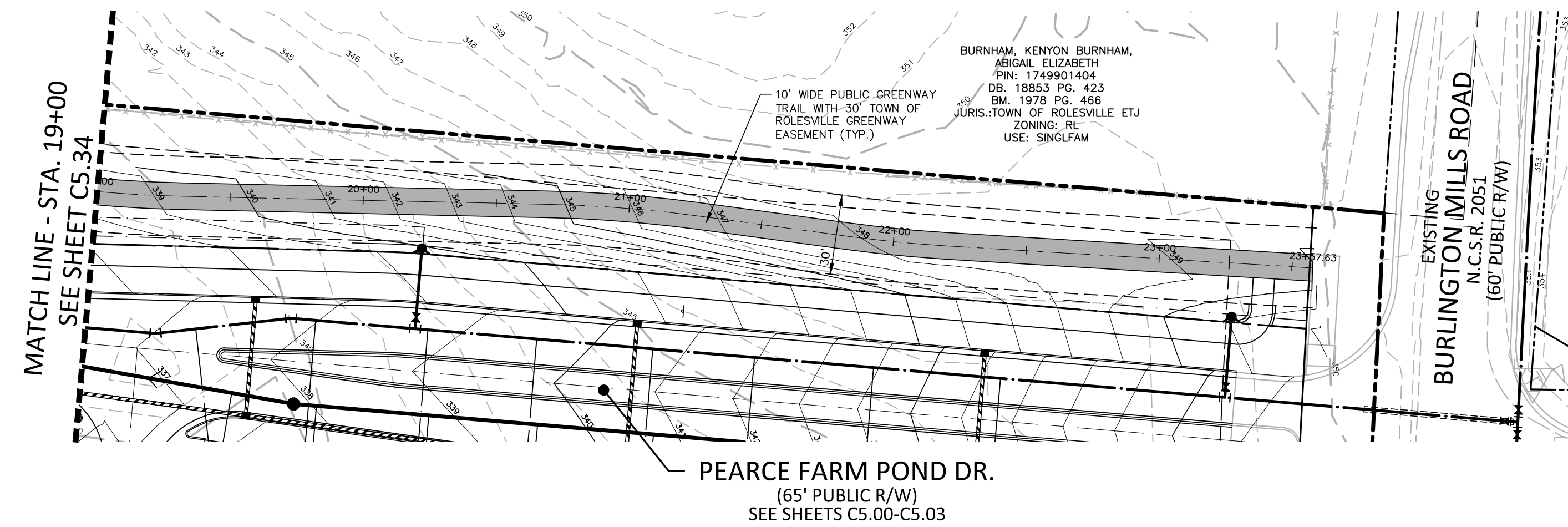
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

CID-24-08

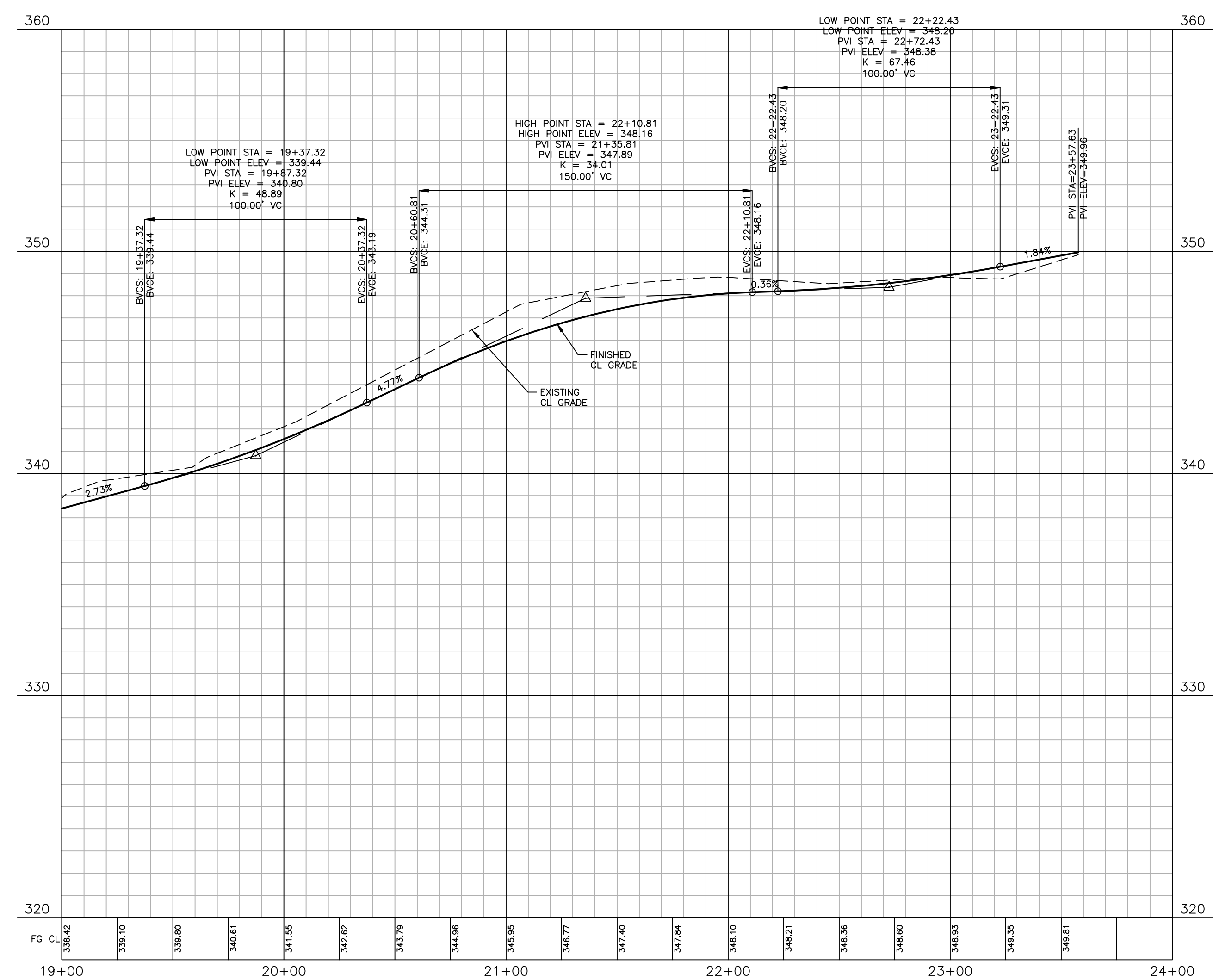
PLAN INFORMATION
PROJECT NO. AGN23001
FILENAME AGN23001-P4
CHECKED BY .
DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE
GREENWAY "2", STA. 10+00 THRU STA. 19+00

C5.34



GREENWAY "2"



X:\Projects\AGN\AGN23001\04-Production\Engineering\Construction Drawings\AGN23001-P4.dwg, 3/26/2025 7:40:37 AM, Sherrill Williams

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2	04.01.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS



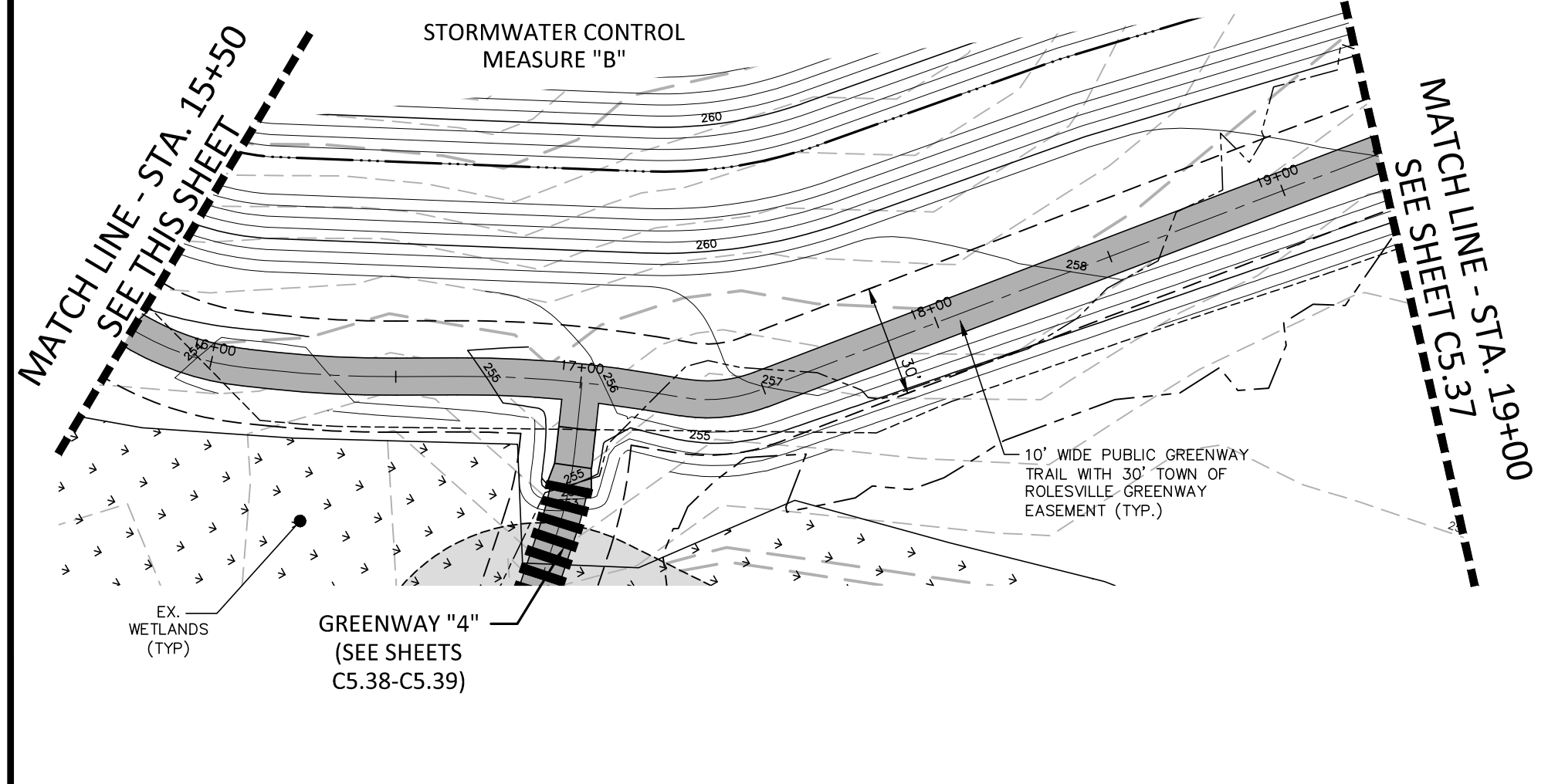
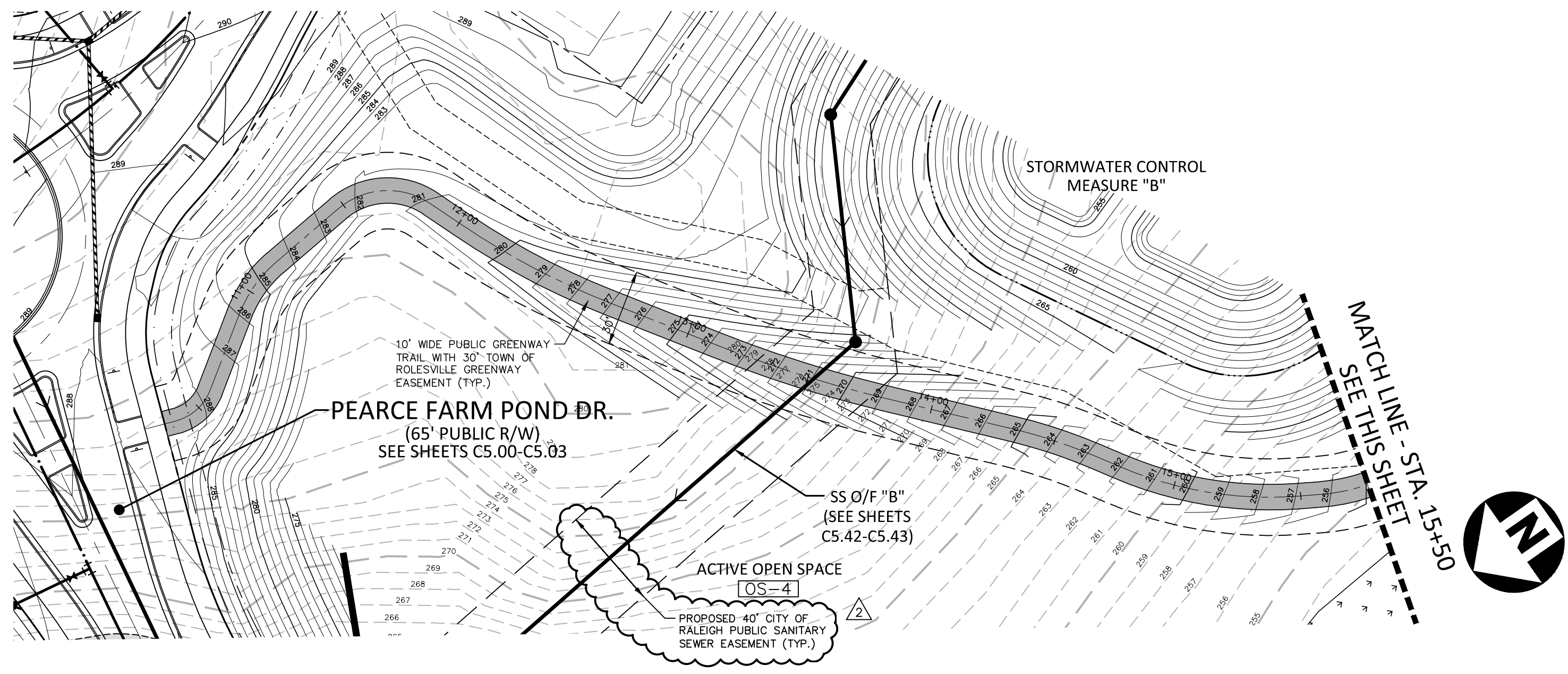
PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

CID-24-08

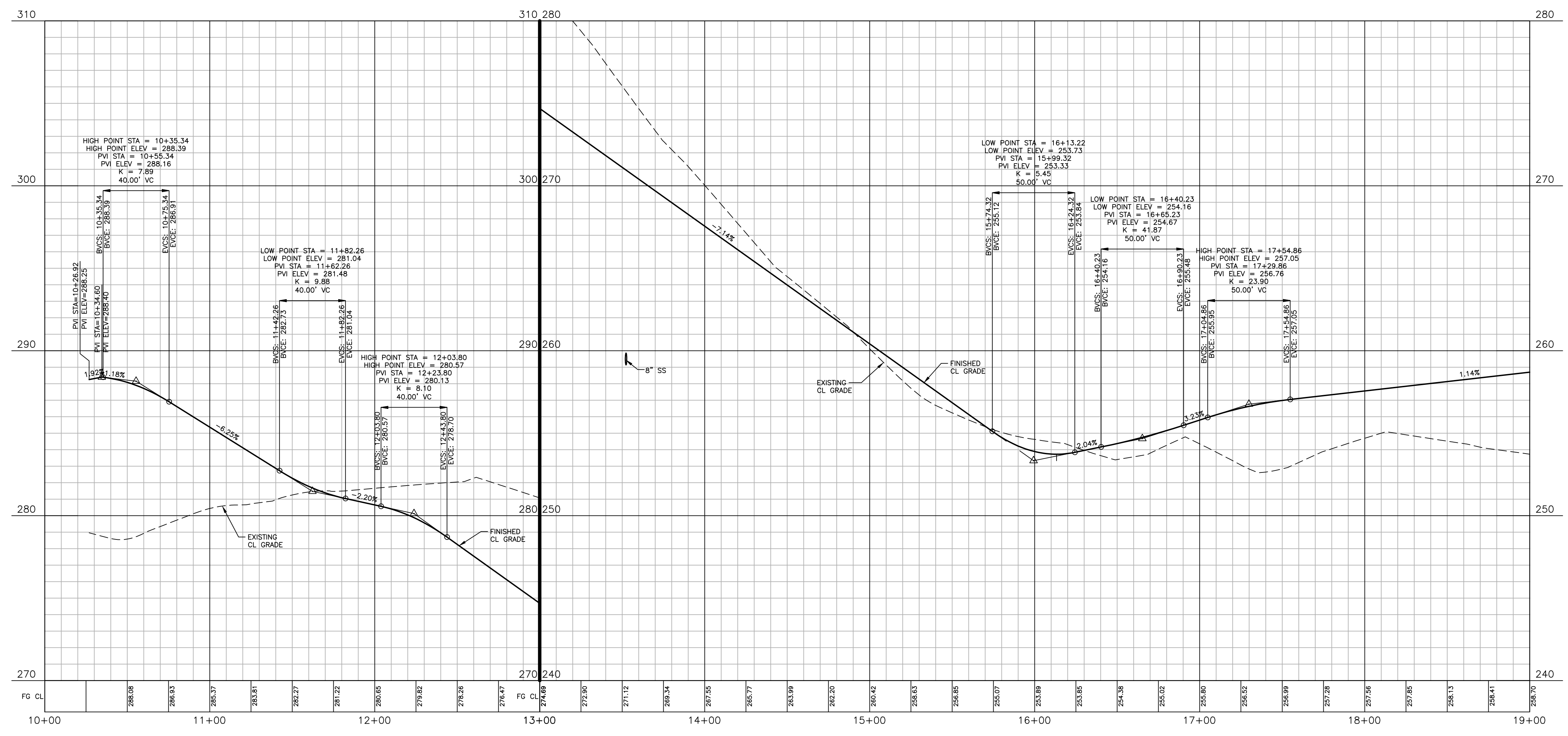
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FILENAME AGN23001-P4
CHECKED BY
DRAWN BY
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE
GREENWAY "2", STA. 19+00 THRU STA. 24+00

C5.35



GREENWAY "3"



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CONTACT: JACOB ANDERSON
PHONE: 919. 239. 9486

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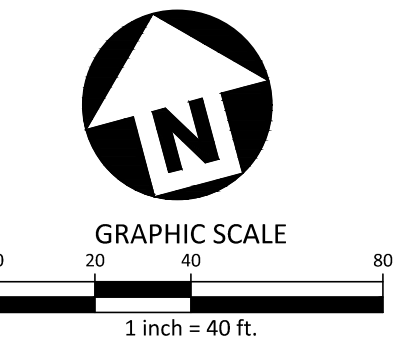
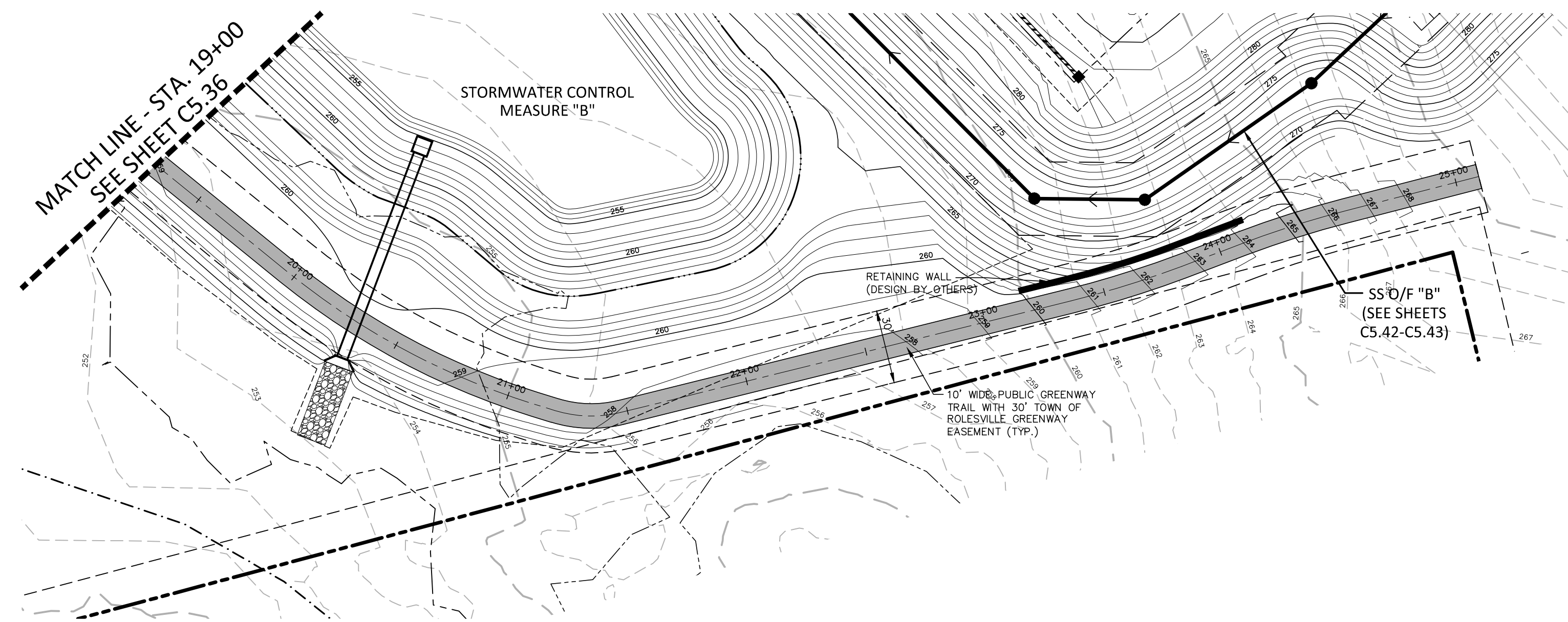
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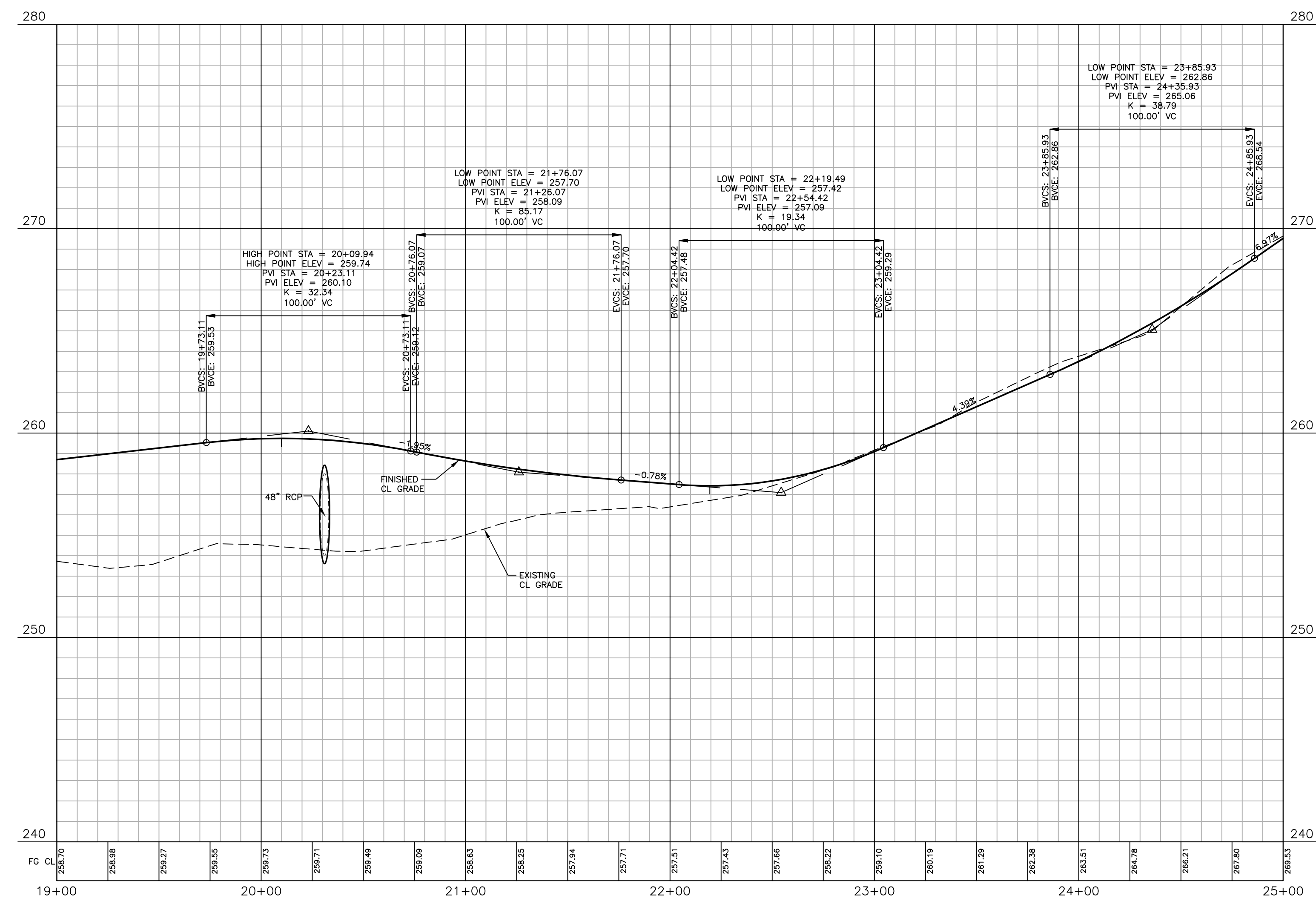
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C5.36

CID-24-08



GREENWAY "3"



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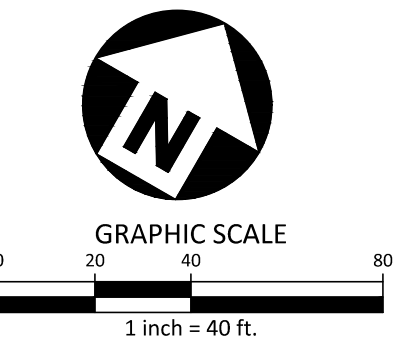
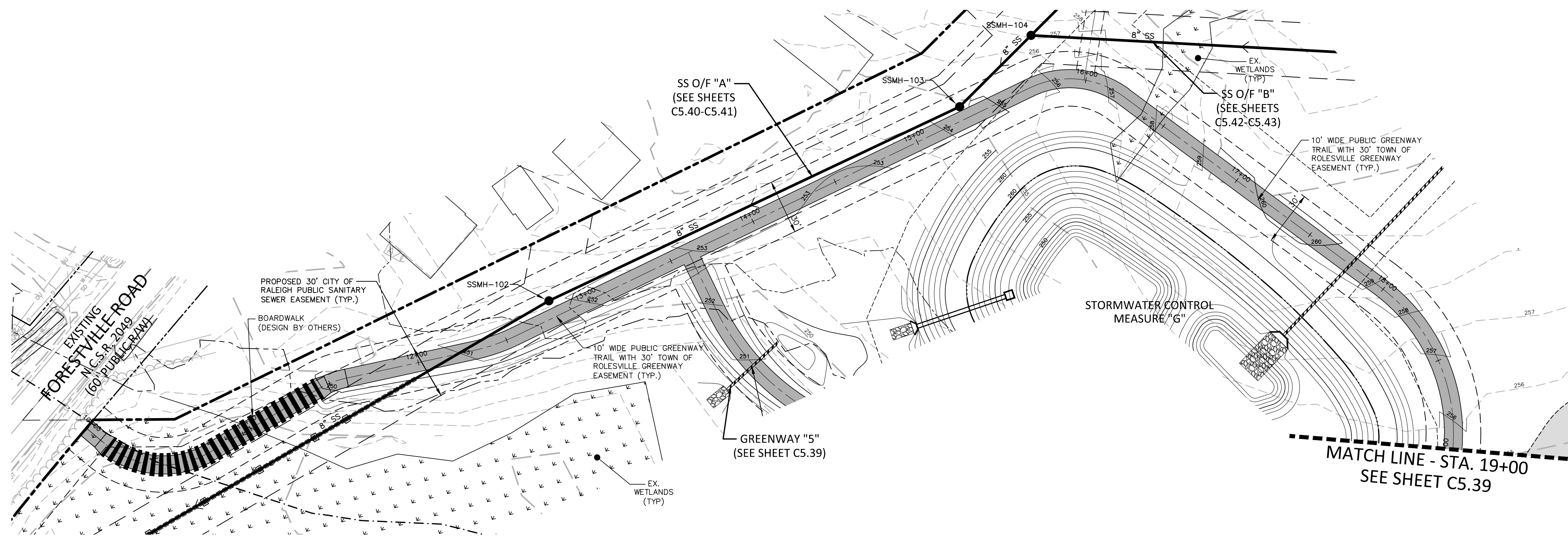
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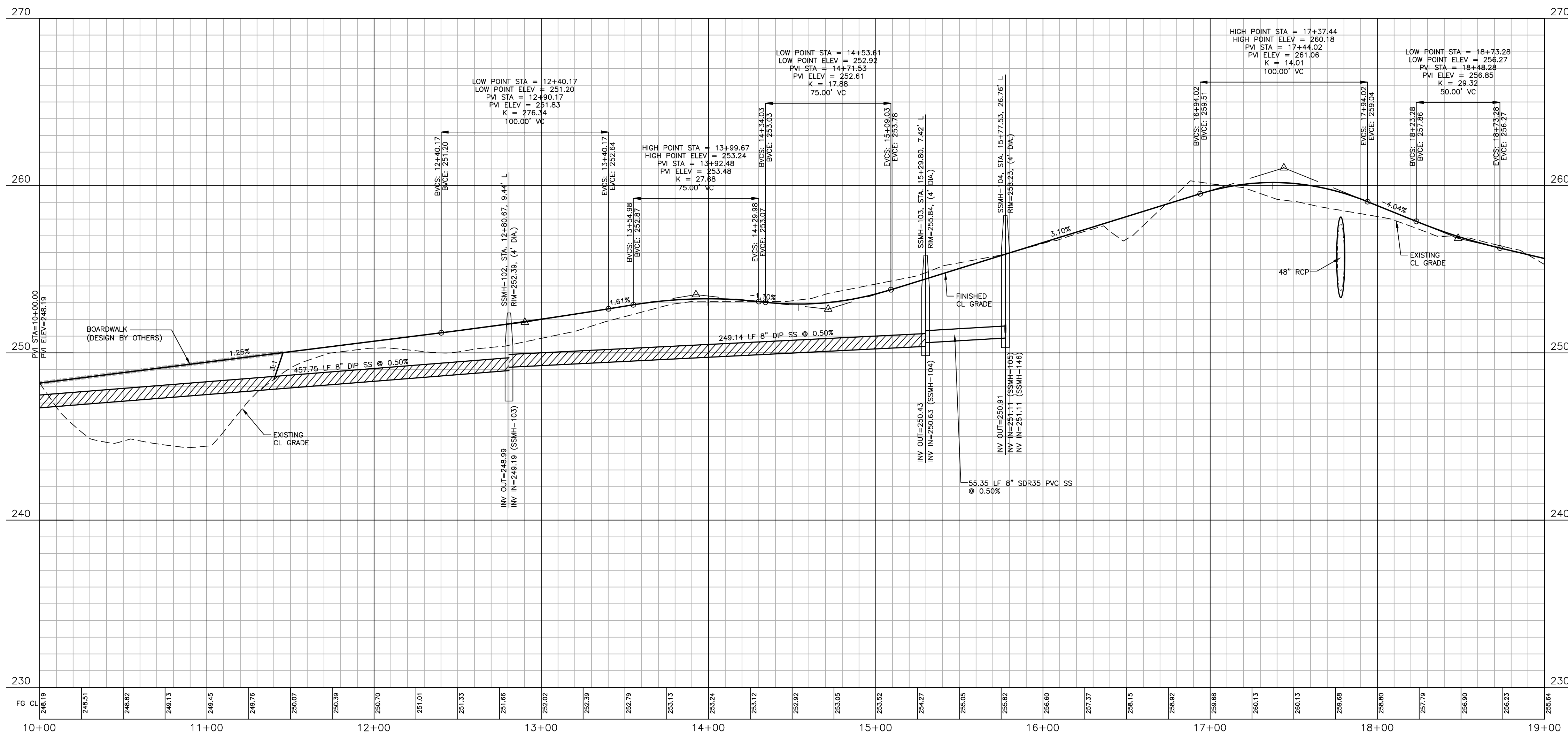
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GREENWAY "3", STA. 19+00 THRU STA. 25+00

C5.37



GREENWAY "4"



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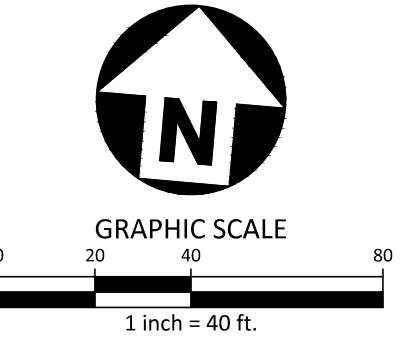
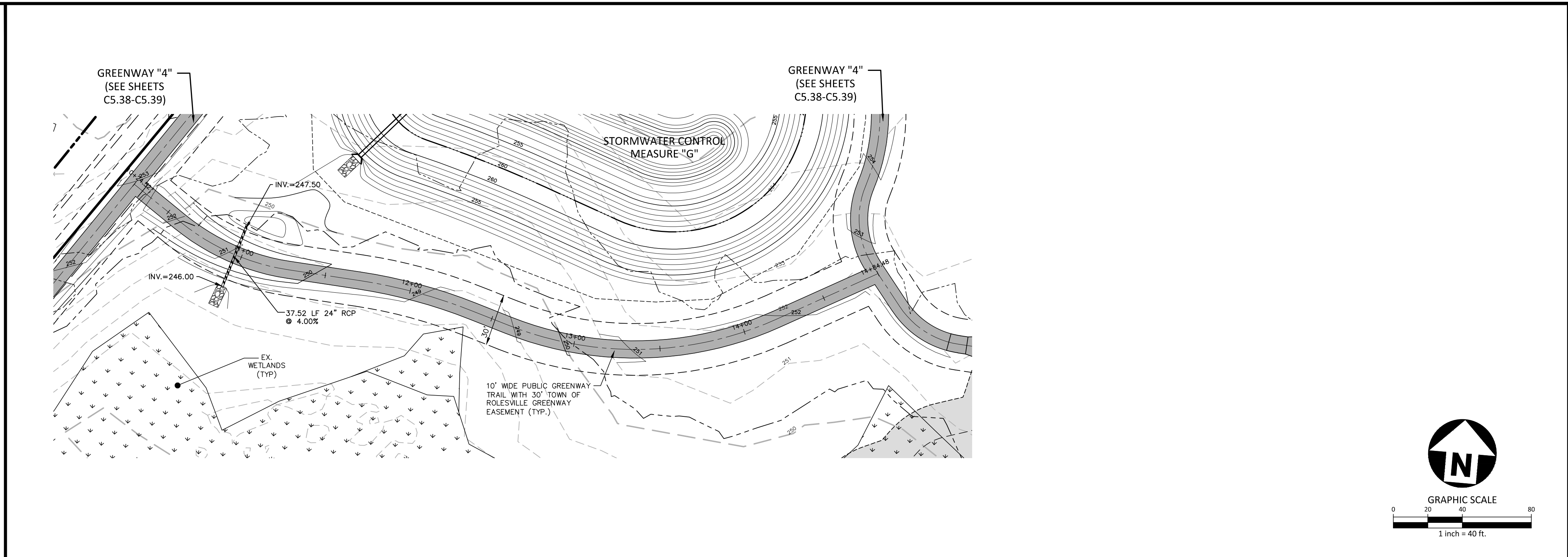
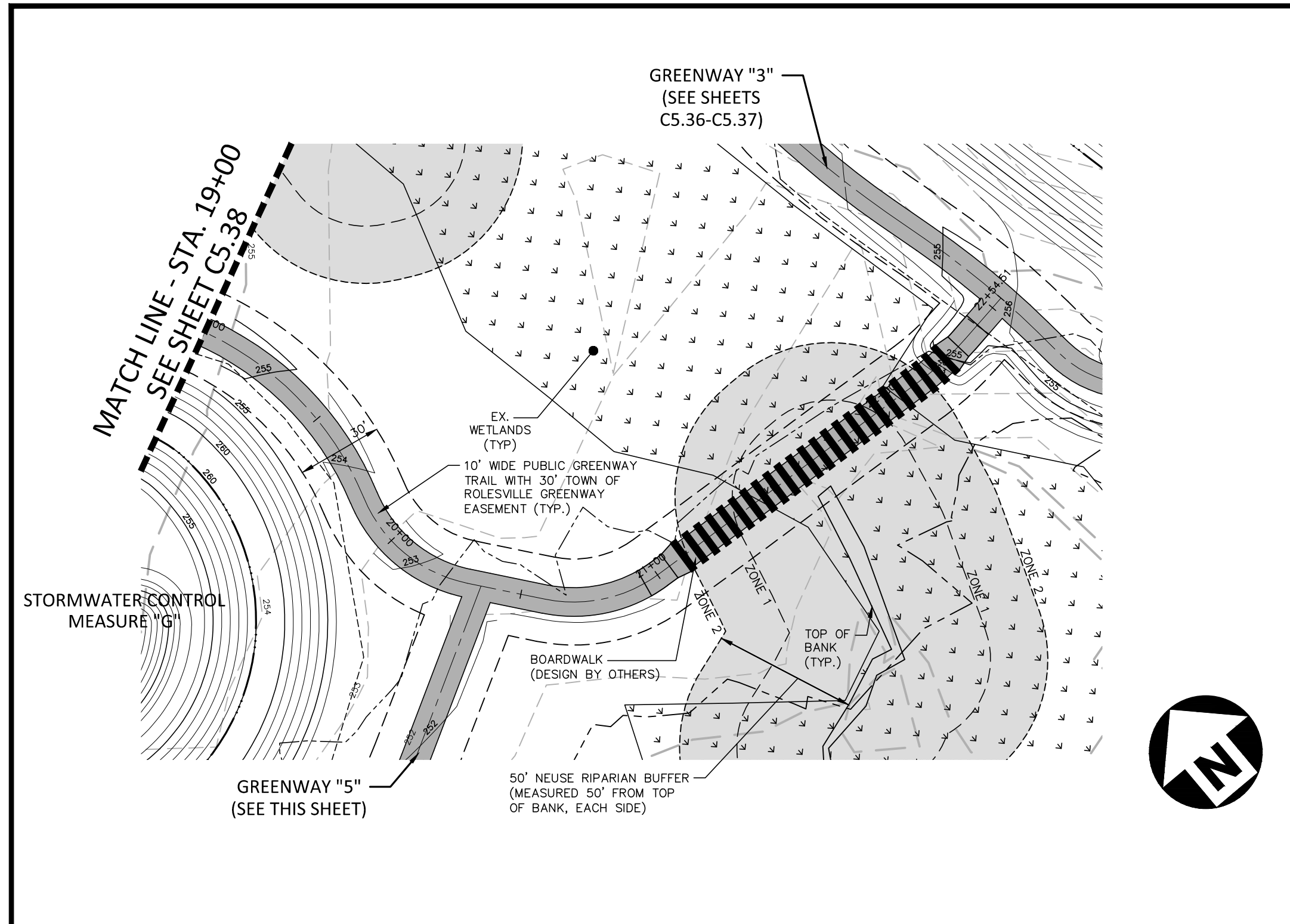
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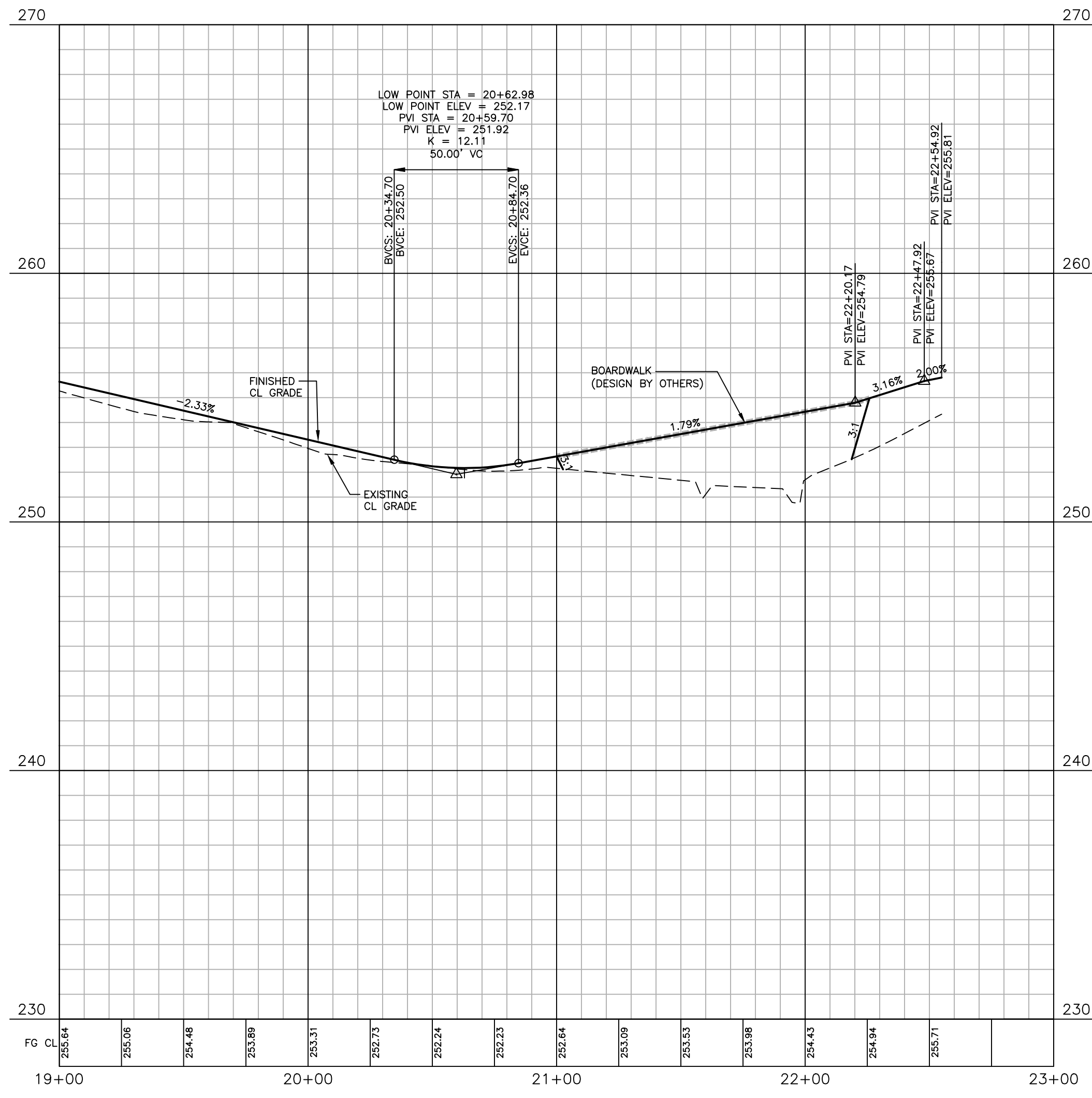
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PLAN AND PROFILE
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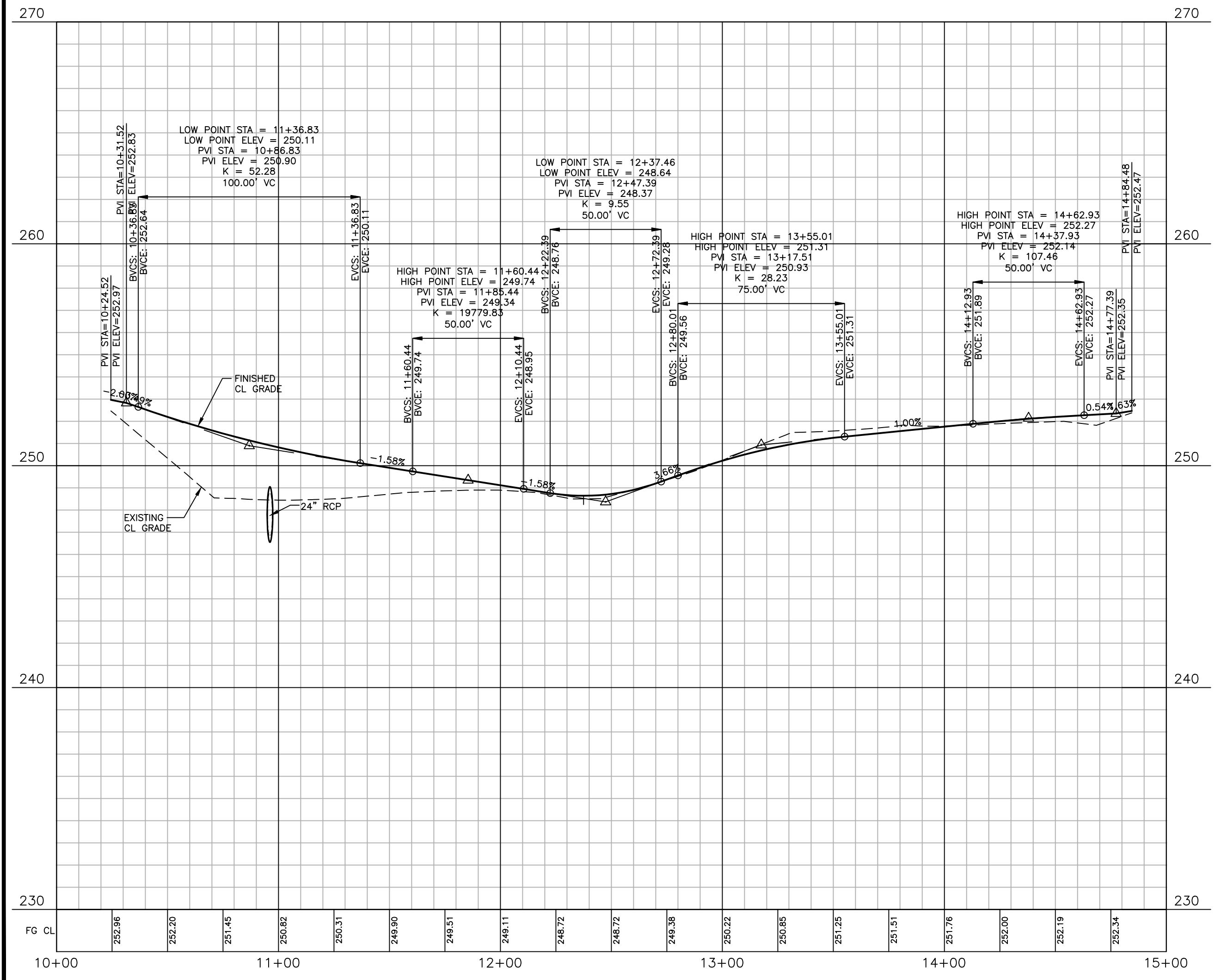
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GREENWAY "4"



GREENWAY "5"



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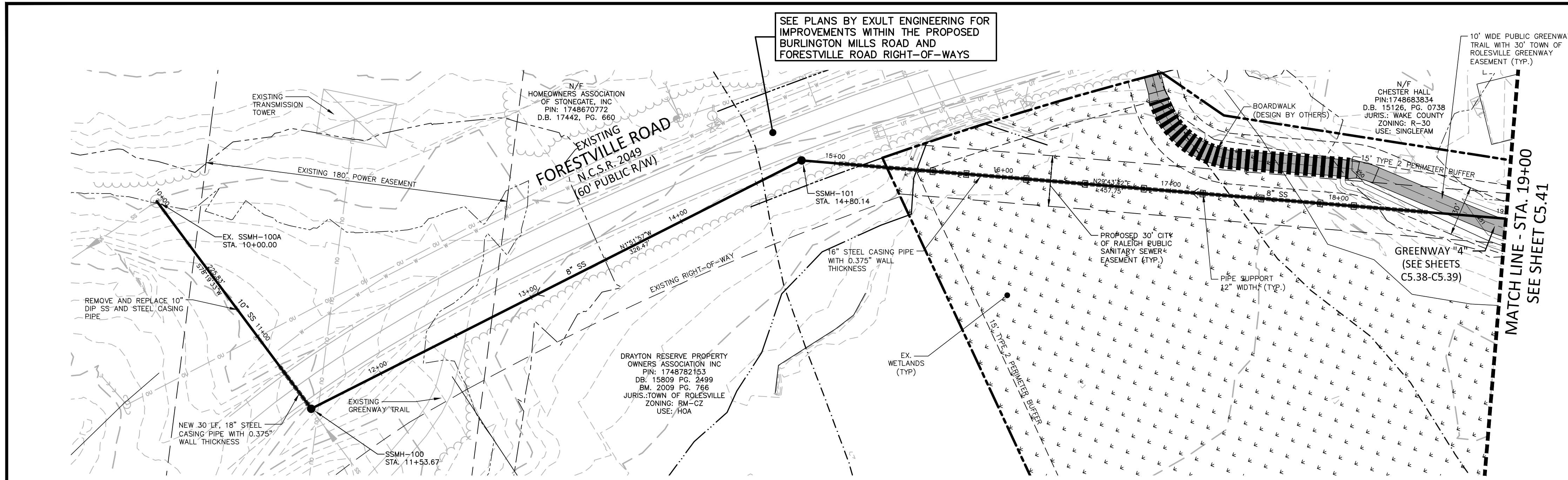
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GREENWAY "4", STA. 19+00 THRU STA. 23+00
GREENWAY "5", STA. 10+00 THRU STA. 15+00

C5.39

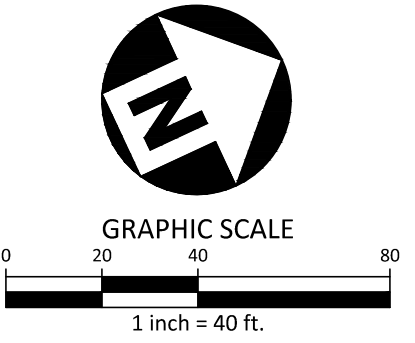
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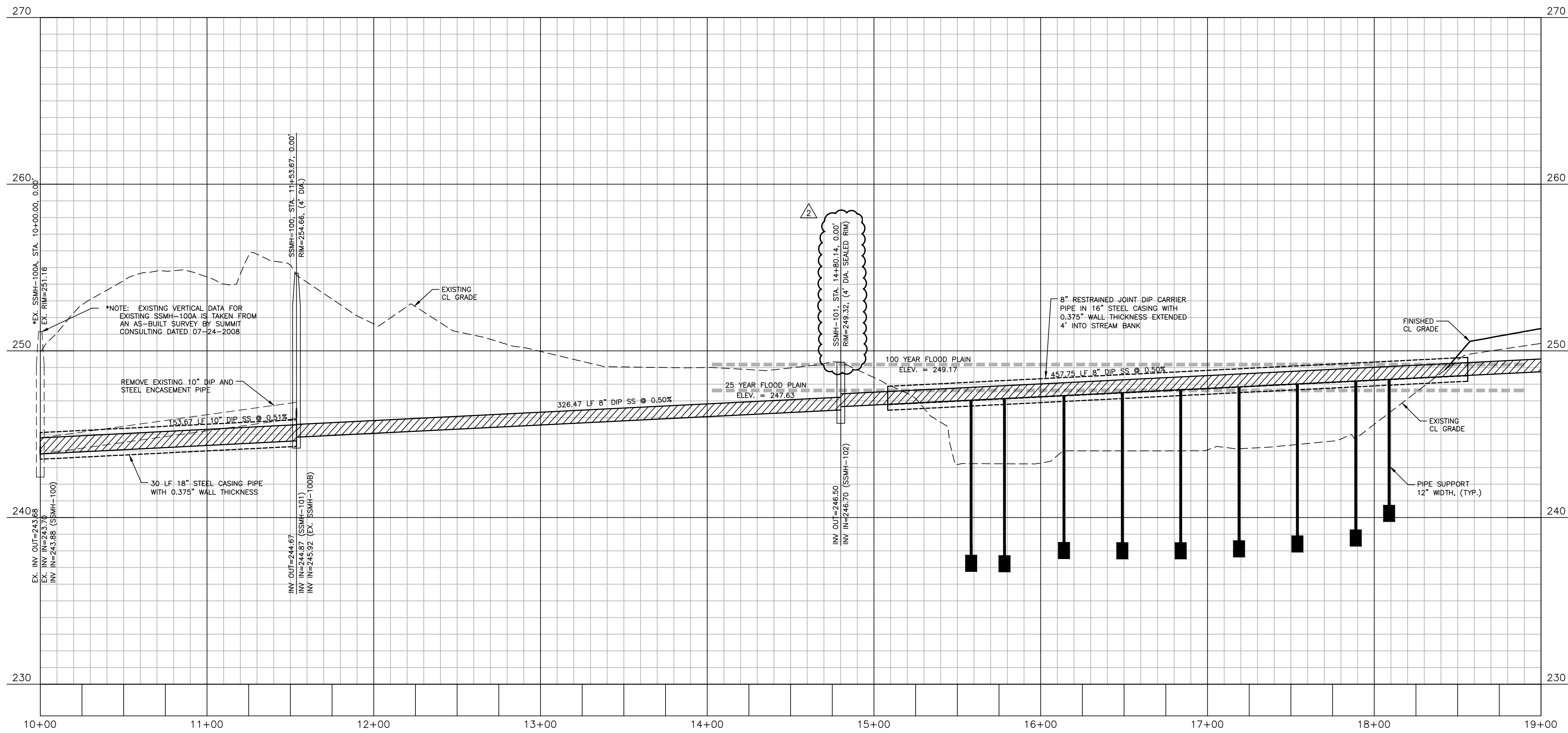
- BY-PASS PUMPING NOTES:**
1. DEVELOPER SHALL PROVIDE 30 DAYS ADVANCE WRITTEN NOTICE TO PROPERTY OWNER FOR ANY WORK REQUIRED WITHIN AN EXISTING CITY OF RALEIGH UTILITY EASEMENT TRaversing PRIVATE PROPERTY.
 2. A BY-PASS PLAN SEALED BY A NC PROFESSIONAL ENGINEER MUST BE SUBMITTED TO CITY OF RALEIGH PUBLIC UTILITIES PRIOR TO PUMPING OPERATIONS TO COORDINATE WITH ENGINEERING STAFF. PUMPS SHOULD BE SIZED TO HANDLE THE PEAK FLOW (2.5 TIMES THE AVERAGE DAILY FLOW) FOR THE LINE OR AREA OF WORK. THE CONTRACTOR SHALL SECURE THE PUMPS FROM A PUMP SUPPLIER ACCORDING TO THE PROVIDED FLOW INFORMATION. PUMPING OPERATIONS MUST BE MONITORED 24 HOURS A DAY FOR EACH OF THE PUMPING OPERATION BY QUALIFIED PERSONNEL IN ORDER TO RESPOND TO PROBLEMS OR FAILURES. 100% REDUNDANCY IS REQUIRED FOR PUMPING OPERATIONS. IN ADDITION, BACK UP PUMPS ARE TO BE CONNECTED TO THE BY-PASS FORCE MAIN TO FACILITATE IMMEDIATE USE UPON FAILURE OF THE PRIMARY PUMPS.

BY-PASS PUMPING TABLE

SUCTION MANHOLE	DISCHARGE MANHOLE	QPEAK (GPM)
SSMH-100	SSMH-100A	298.35



SANITARY SEWER OUTFALL "A"



NOTES FOR SANITARY SEWER OUTFALL STREAM CROSSING:

1. SEE CITY OF RALEIGH DETAILS ON SHEET C8.06
2. MAXIMUM SPACING OF PIERS FOR THIS CROSSING IS 35 FT. O. C.
3. PIERS SHALL BE CONCRETE WITH SPREAD FOOTINGS (SEE STRUCTURAL PLANS BY SCALENE DESIGN).
4. SLOPES SHALL INCLUDE CLASS I RIP-RAP COVERING THE WIDTH OF THE PUBLIC EASEMENT.
5. WATER-TIGHT RIMS AND VENTED STACKS SHALL BE PROVIDED FOR SANITARY SEWER MANHOLES WITH RIMS LOWER THAN 3 FEET ABOVE THE 100-YR FLOOD ELEVATION. VENT STACKS MUST BE AT LEAST 3 FEET ABOVE THE 100-YR FLOOD ELEVATION PER CITY OF RALEIGH DETAIL S-24.

Public
Water Distribution / Extension System

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City of Raleigh
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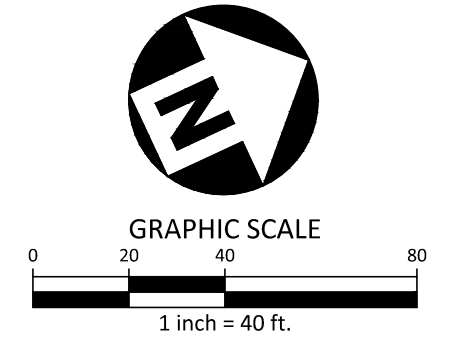
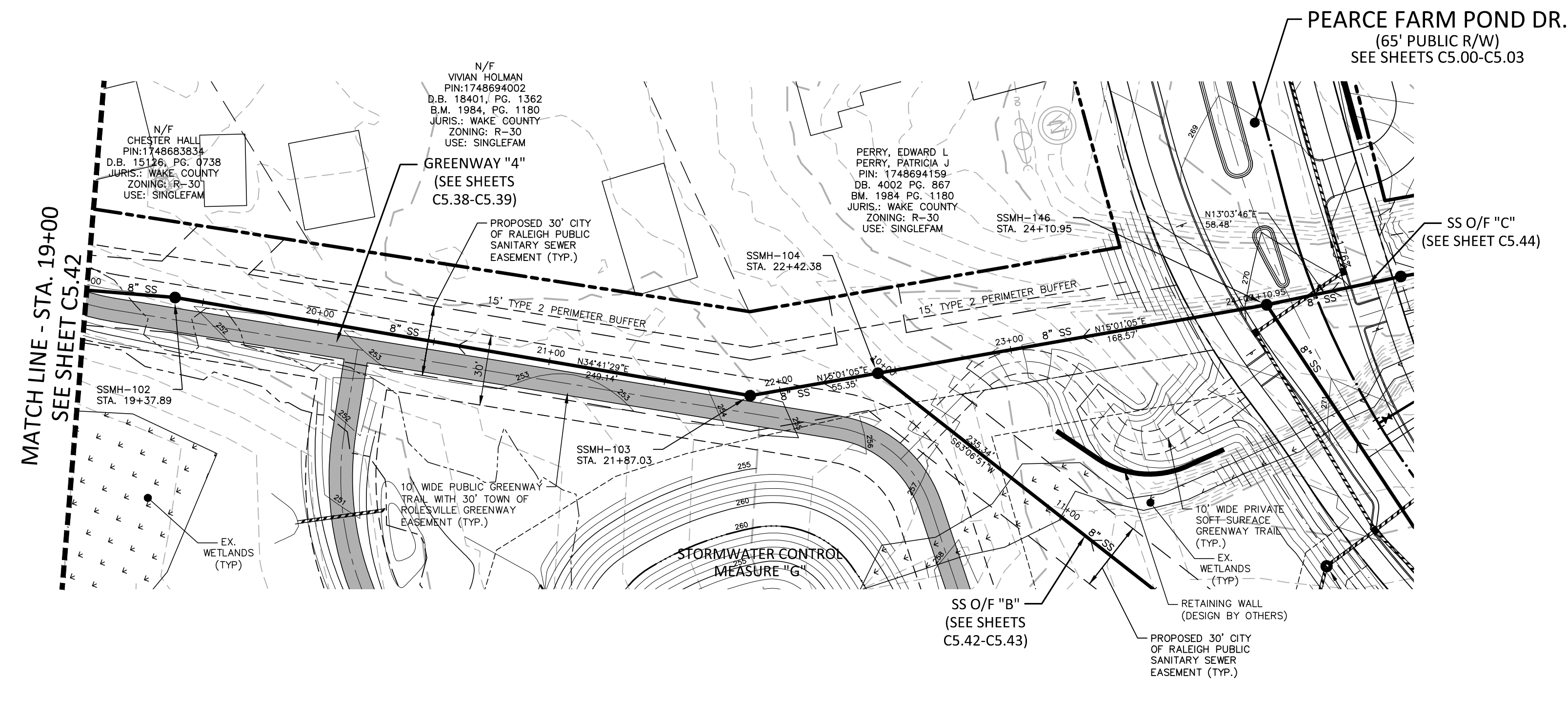
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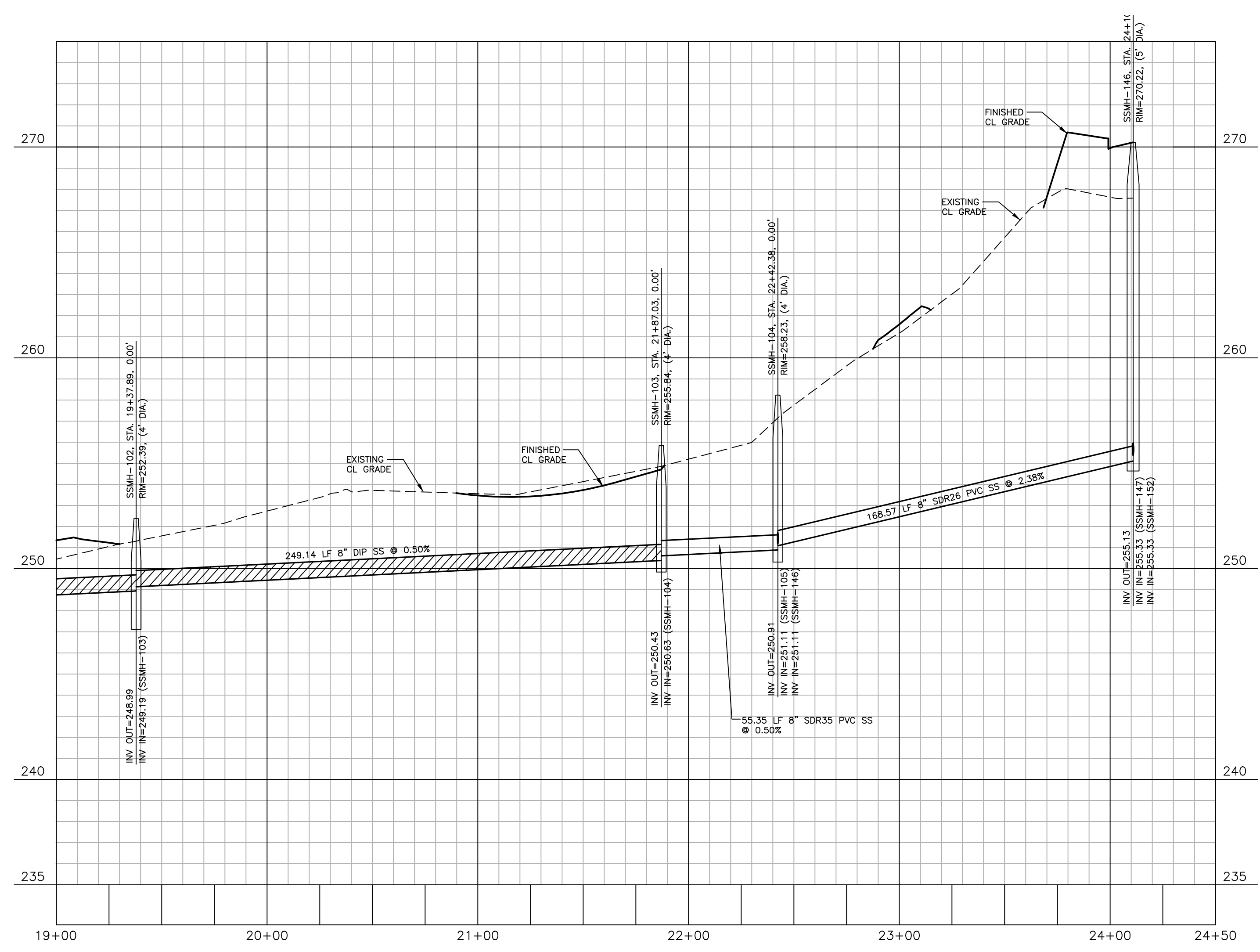
PLAN AND PROFILE
SS O/F "A", STA. 10+00 THRU STA. 19+00

C5.40

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SANITARY SEWER OUTFALL "A"



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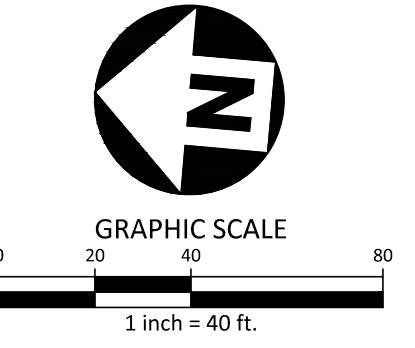
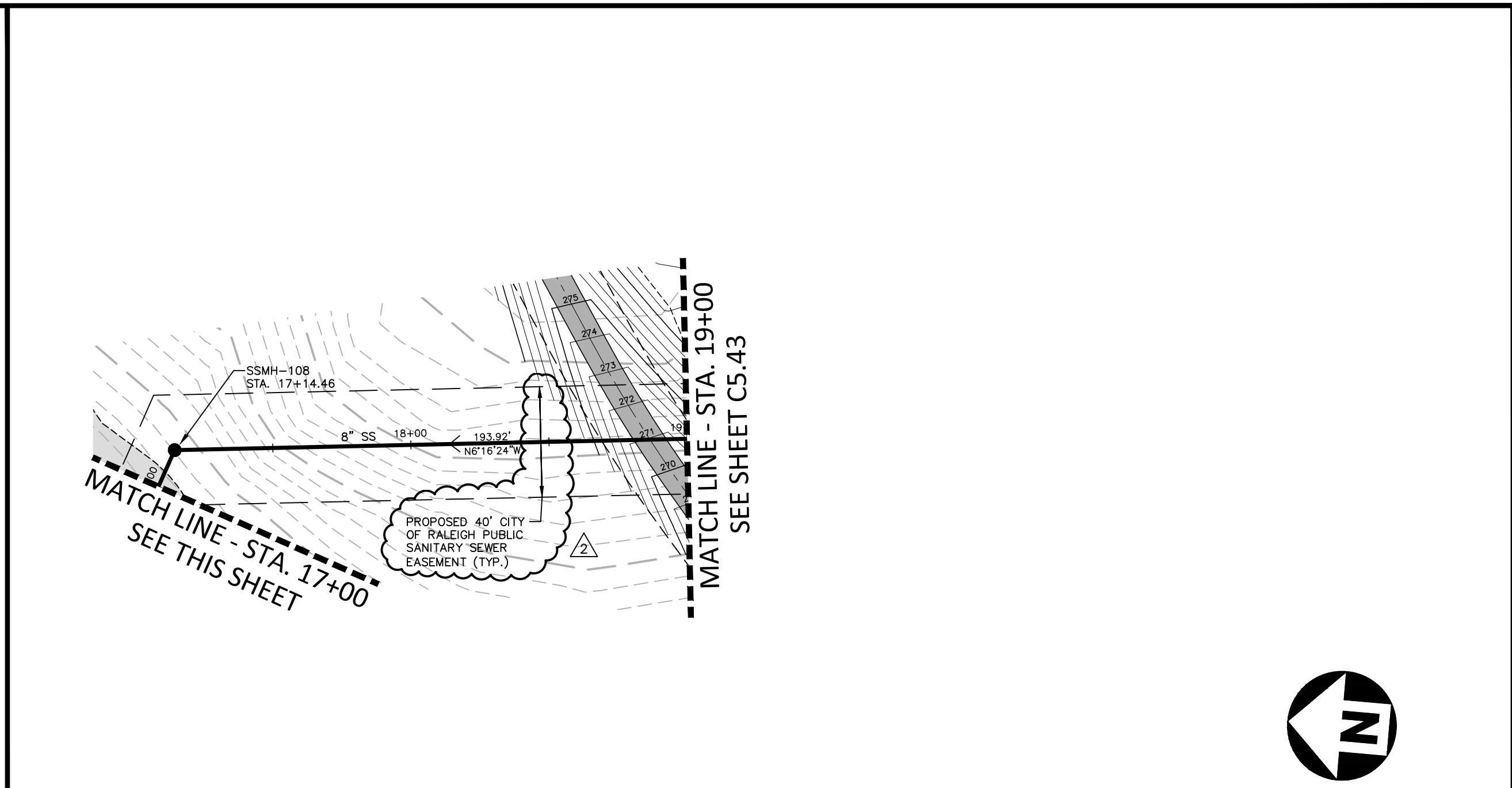
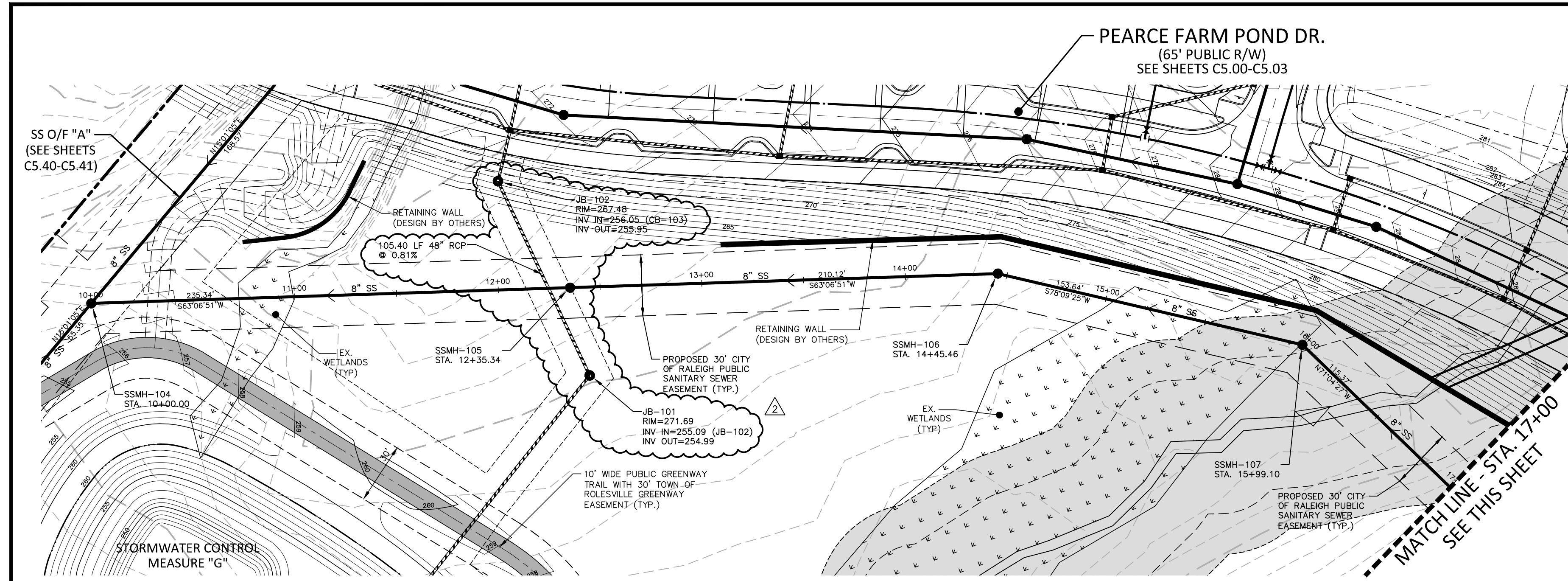
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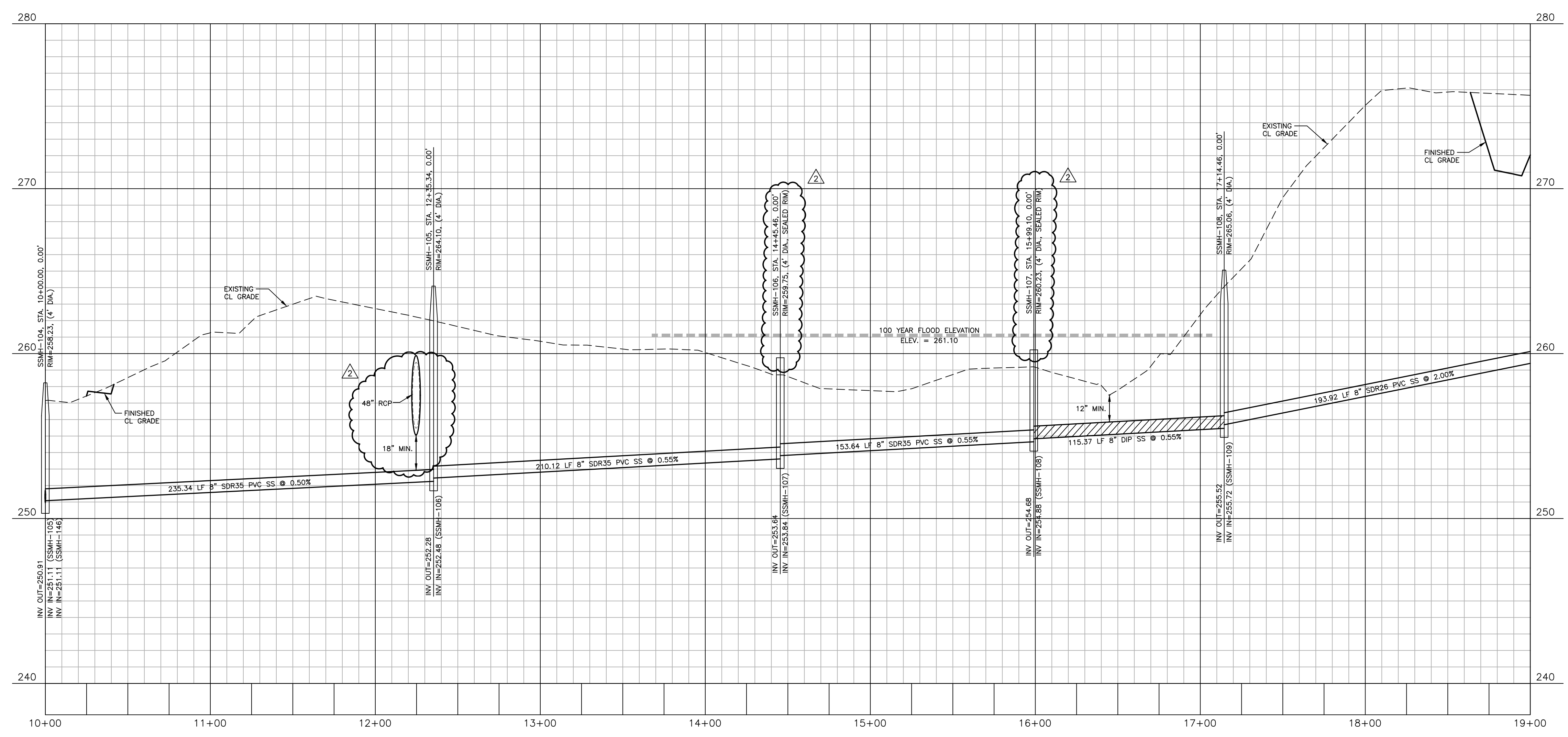
PLAN AND PROFILE
SS O/F "A", STA. 19+00 THRU STA. 24+50

C5.41

CID-24-08



SANITARY SEWER OUTFALL "B"



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TOWN OF ROLESVILLE, NORTH CAROLINA

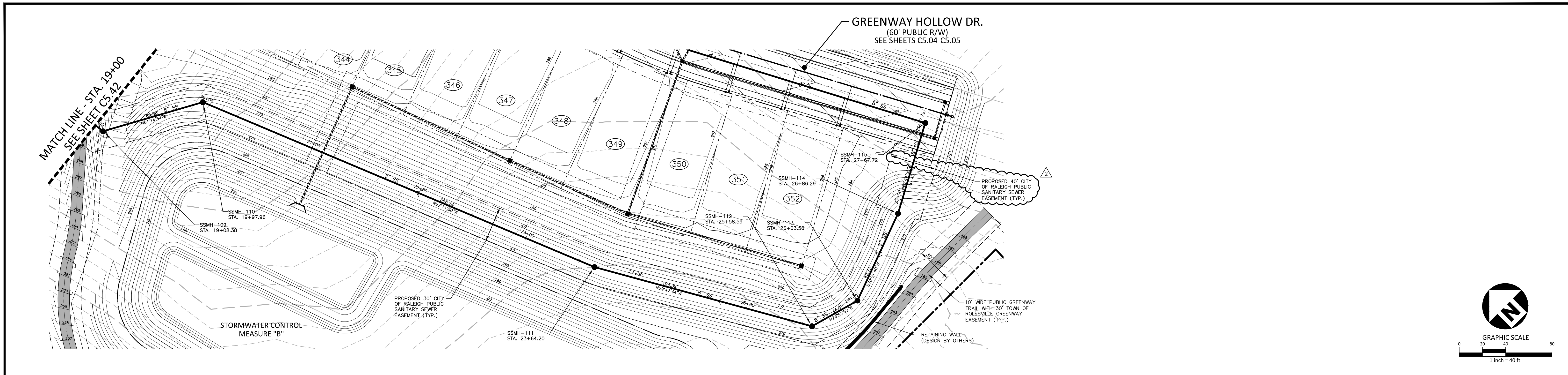
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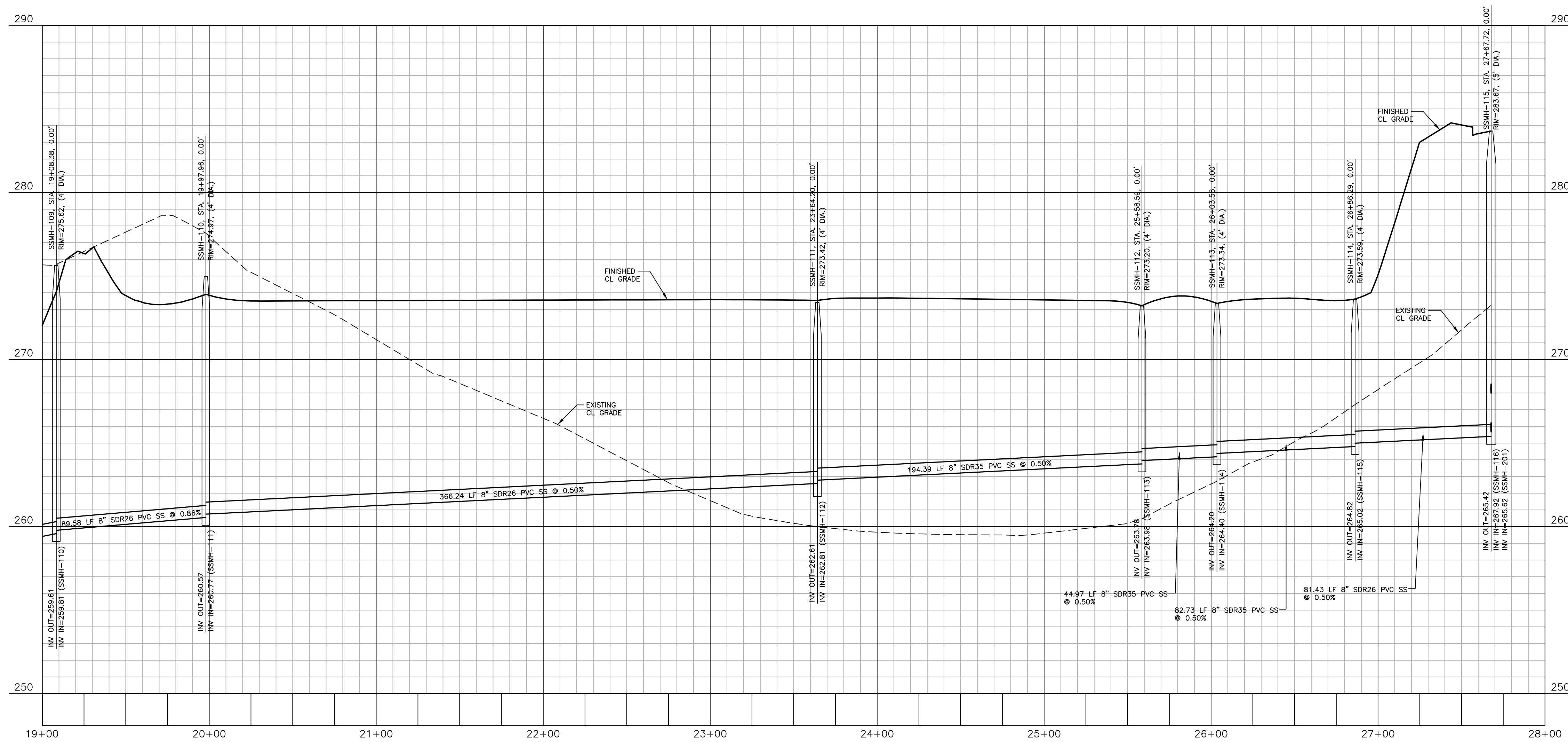
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SS O/F "B", STA. 10+00 THRU STA. 19+00

C5.42

CID-24-08



SANITARY SEWER OUTFALL "B"



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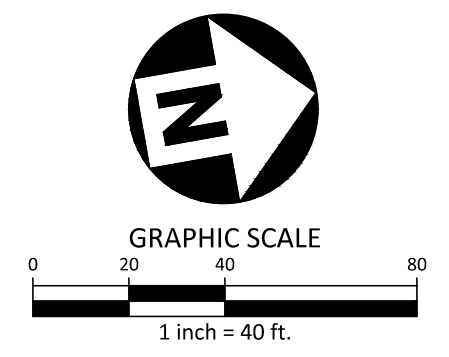
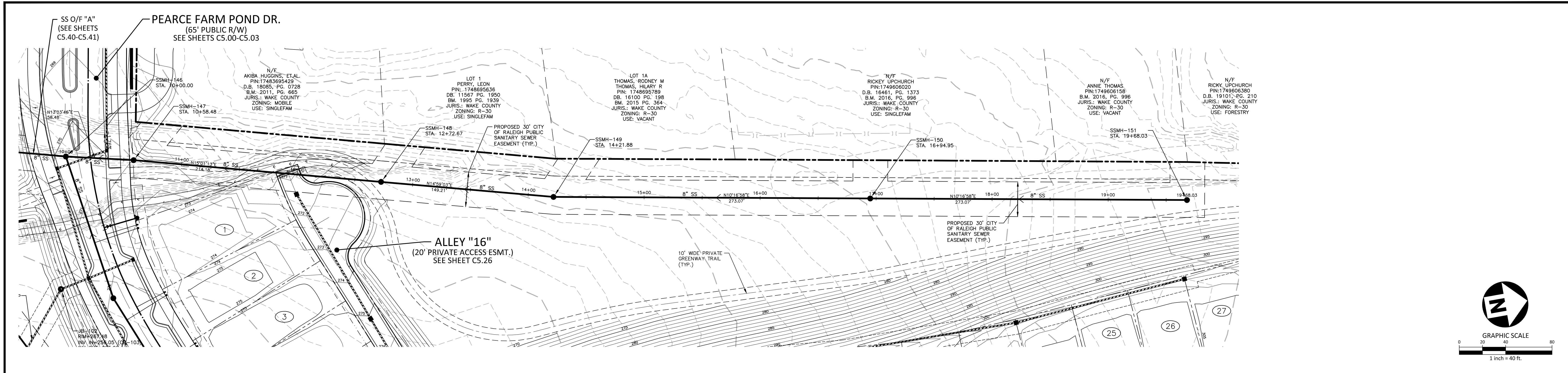
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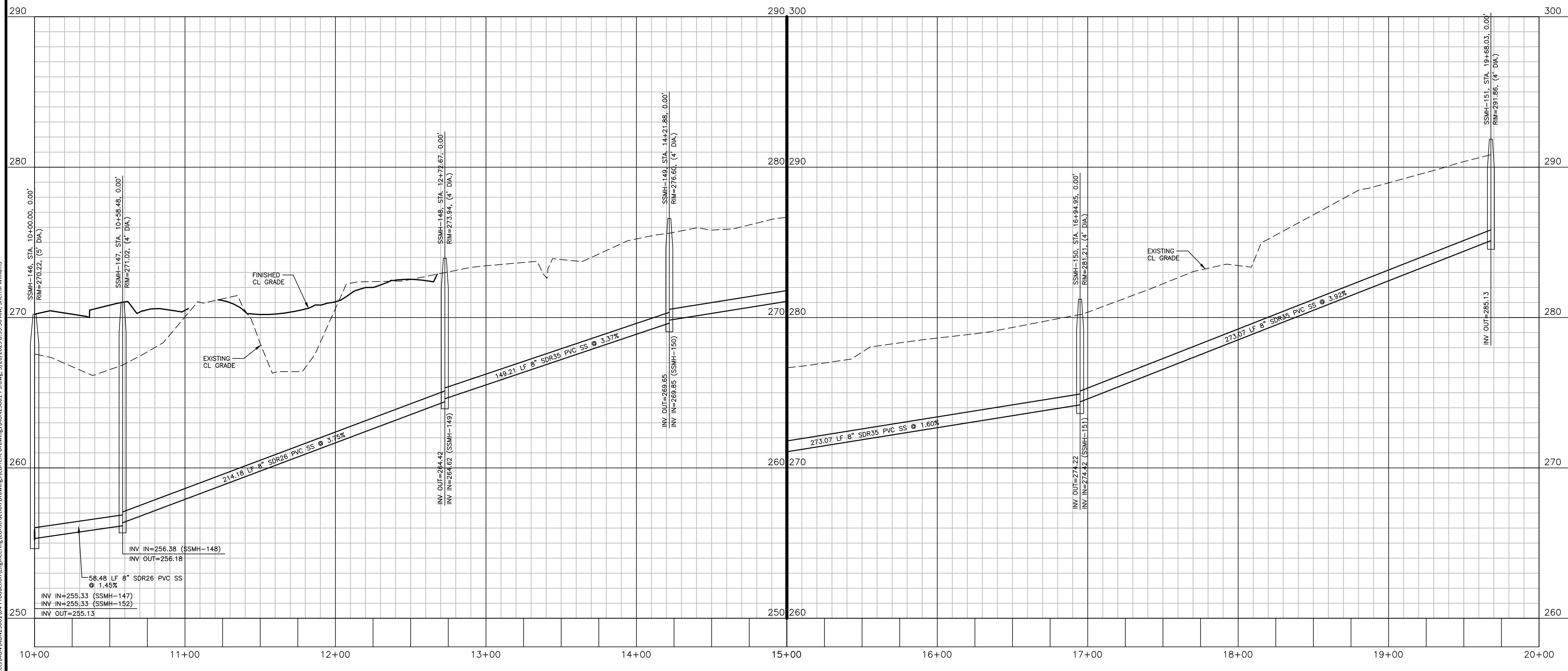
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CID-24-08



SANITARY SEWER OUTFALL "C"



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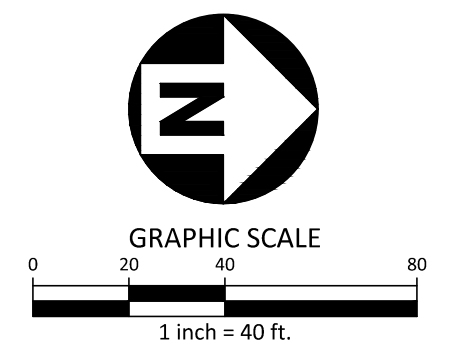
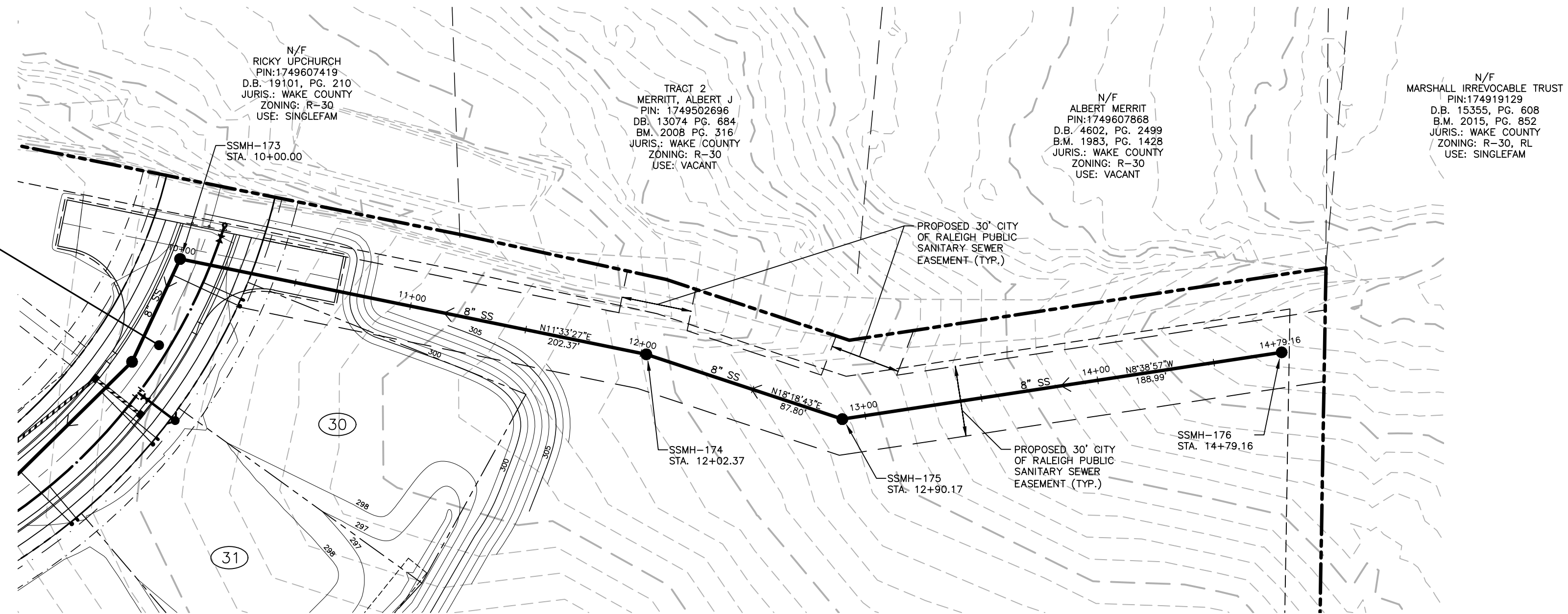
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DATE	12.02.2024

PLAN AND PROFILE
SS O/F "C", STA. 10+00 THRU STA. 20+00

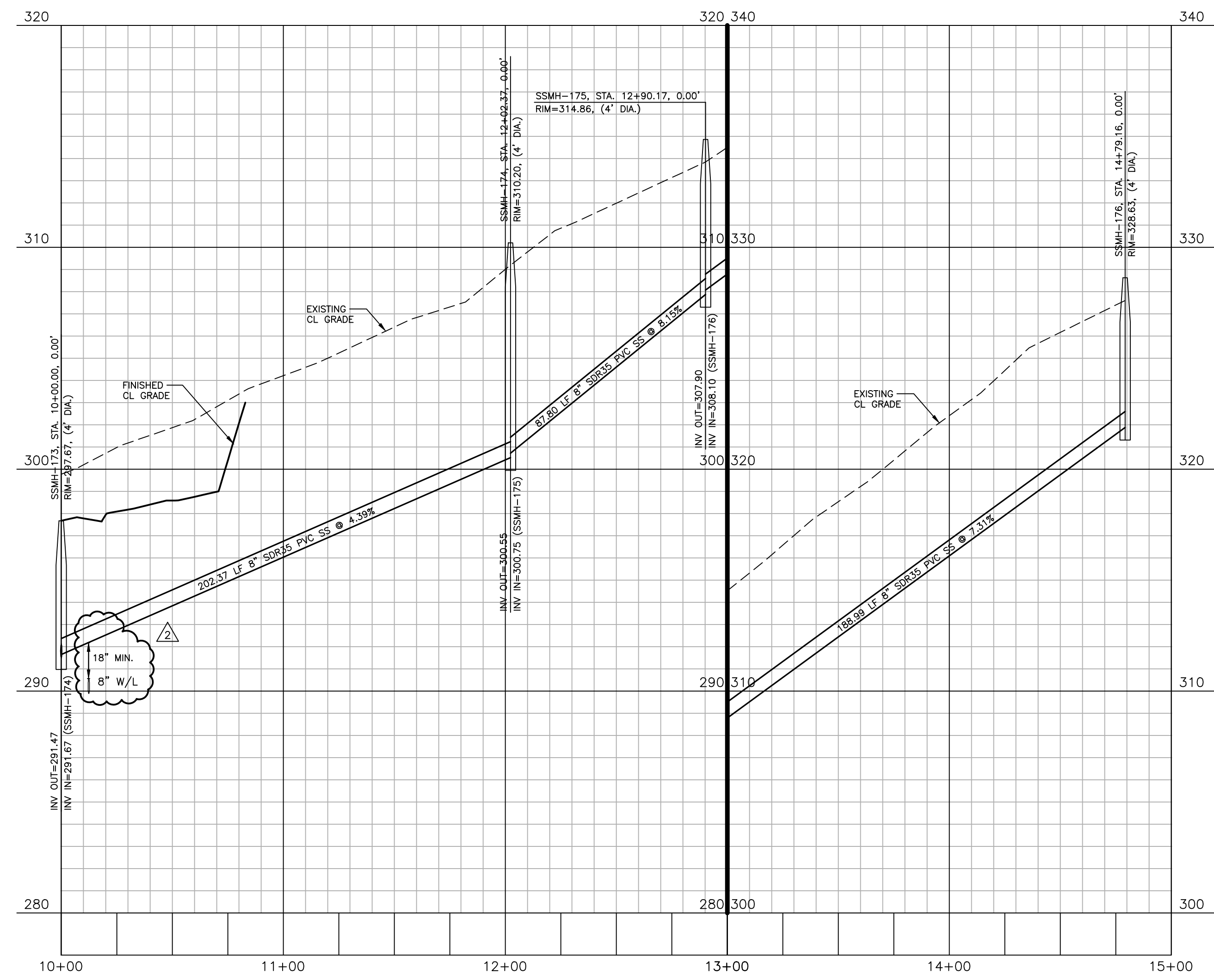
C5.44

CID-24-08

CONSTANCE ROW DR.
(47' PUBLIC R/W)
SEE SHEETS C5.10-C5.11



SANITARY SEWER OUTFALL "D"



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FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION

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RALEIGH, NORTH CAROLINA 27615
CONTACT: JACOB ANDERSON
PHONE: 919. 239. 9486

REVISIONS

NO.	DATE	REVISION
1	02.03.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS
2	04.01.2025	REVISED PER TOWN, CITY AND COUNTY COMMENTS

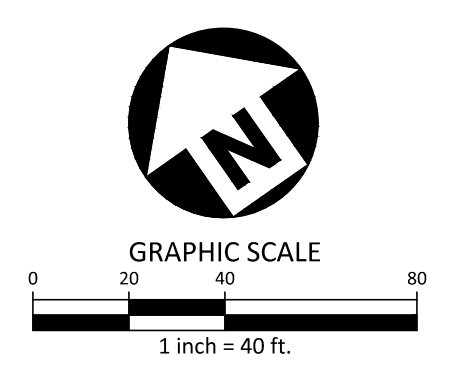
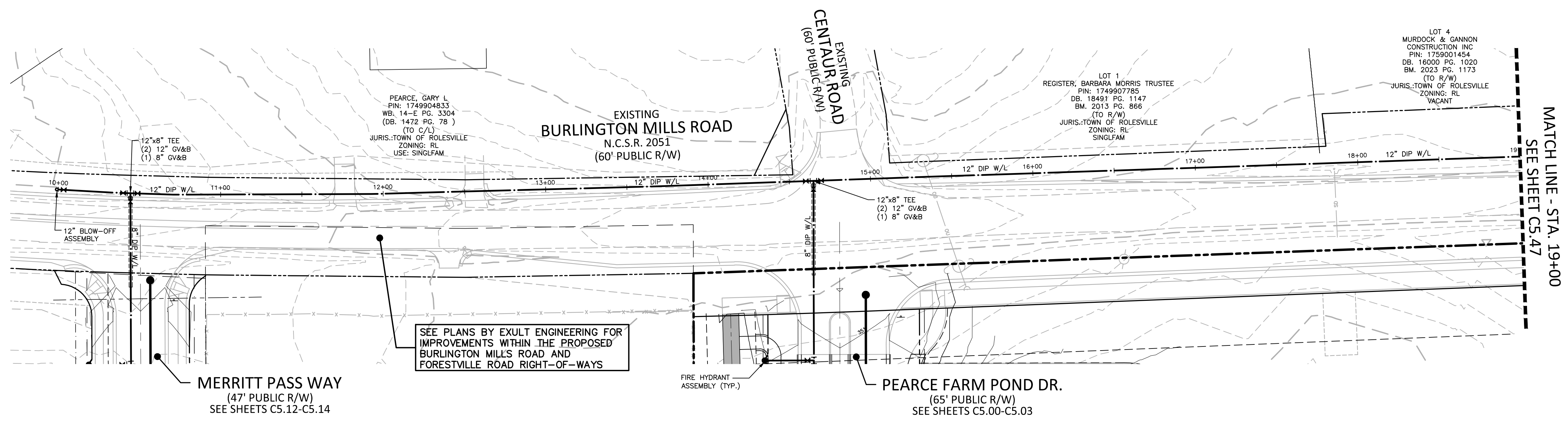


PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
BURLINGTON MILLS ROAD
TOWN OF ROLESVILLE, NORTH CAROLINA

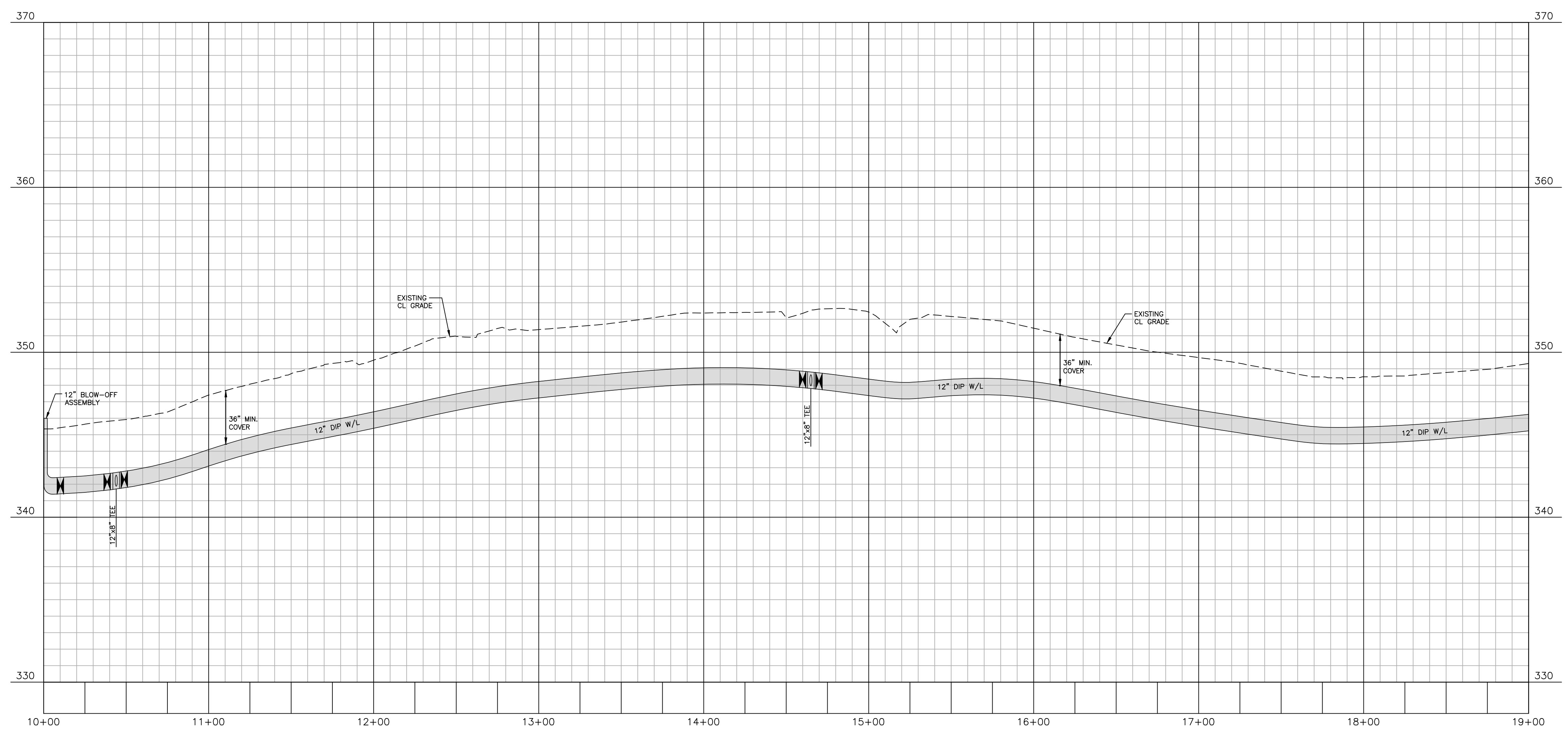
PLAN INFORMATION
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FILENAME AGN23001-PS
CHECKED BY .
DRAWN BY .
SCALE 1"=40'/1"=4'
DATE 12.02.2024

PLAN AND PROFILE
SS O/F "D", STA. 10+00 THRU STA. 15+00
C5.45

CID-24-08



WATERLINE "1"



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PEARCE FARM - PHASES 1-3
CONSTRUCTION DRAWINGS - PACKAGE 1
 BURLINGTON MILLS ROAD
 TOWN OF ROLESVILLE, NORTH CAROLINA

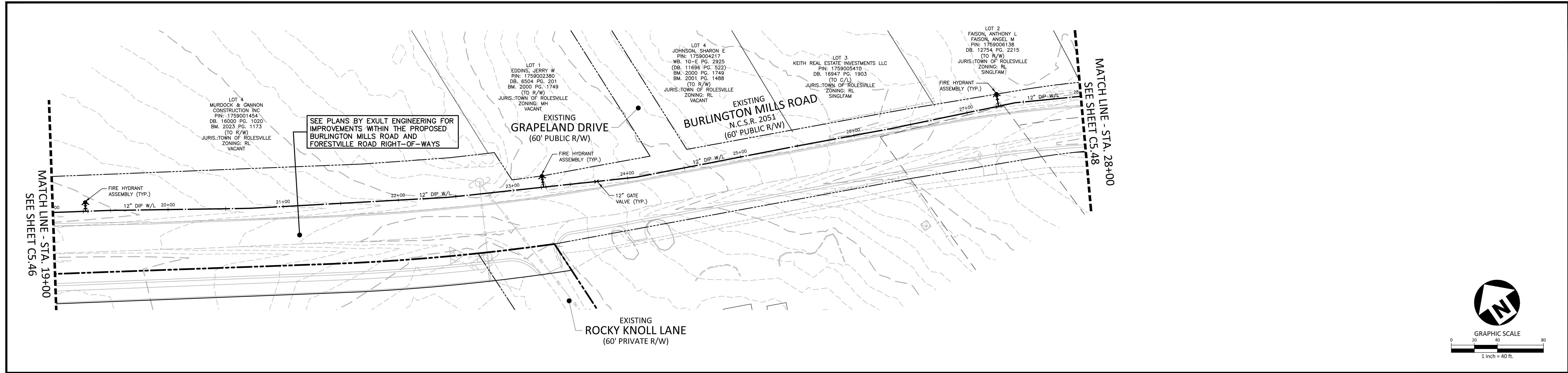
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DATE	12.02.2024

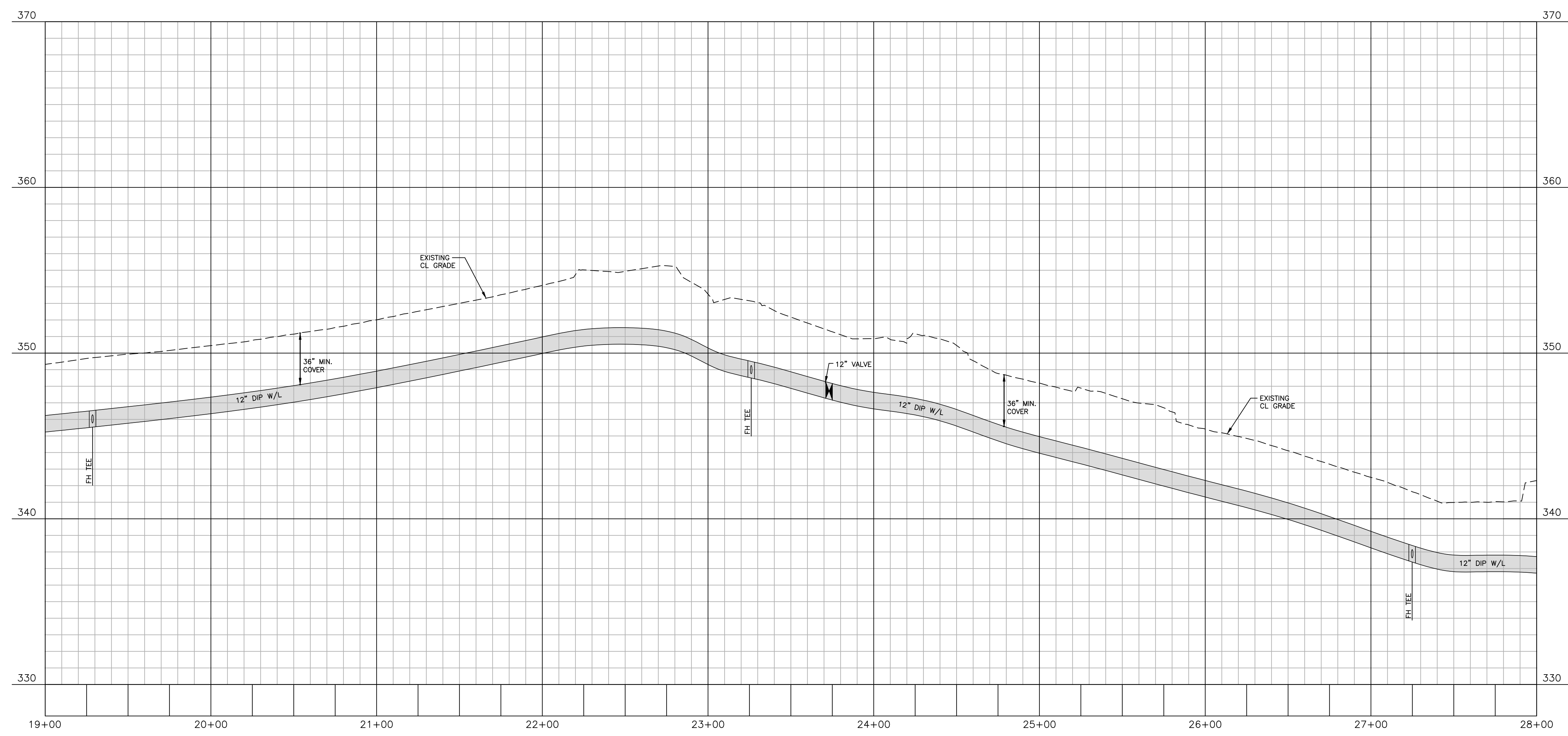
PLAN AND PROFILE
 WATERLINE "1", STA. 10+00 THRU STA. 19+00

C5.46

CID-24-08



WATERLINE "1"



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CONSTRUCTION DRAWINGS - PACKAGE 1
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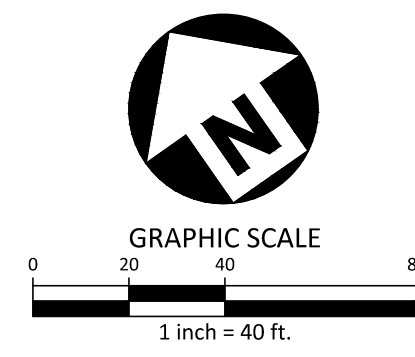
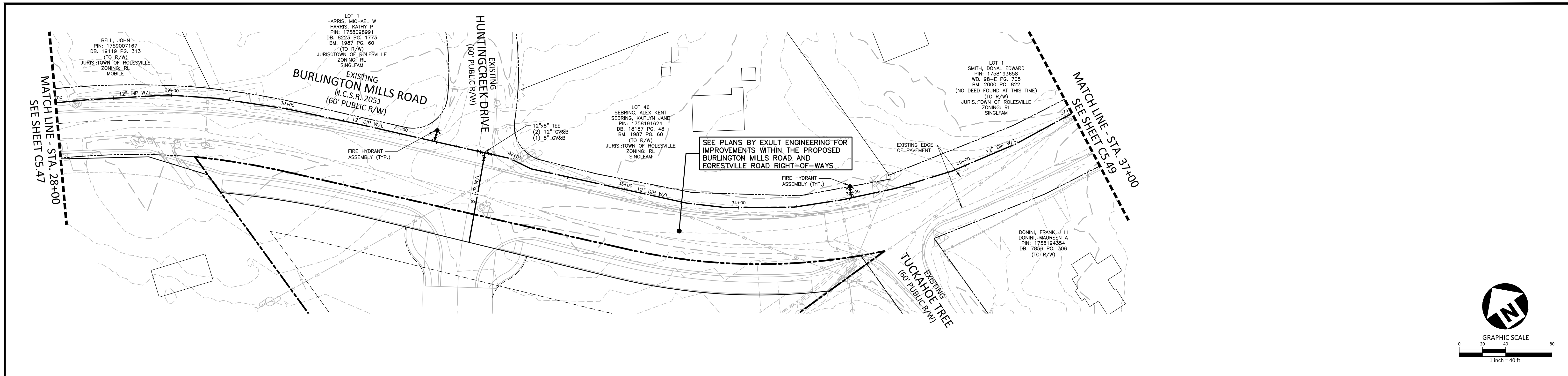
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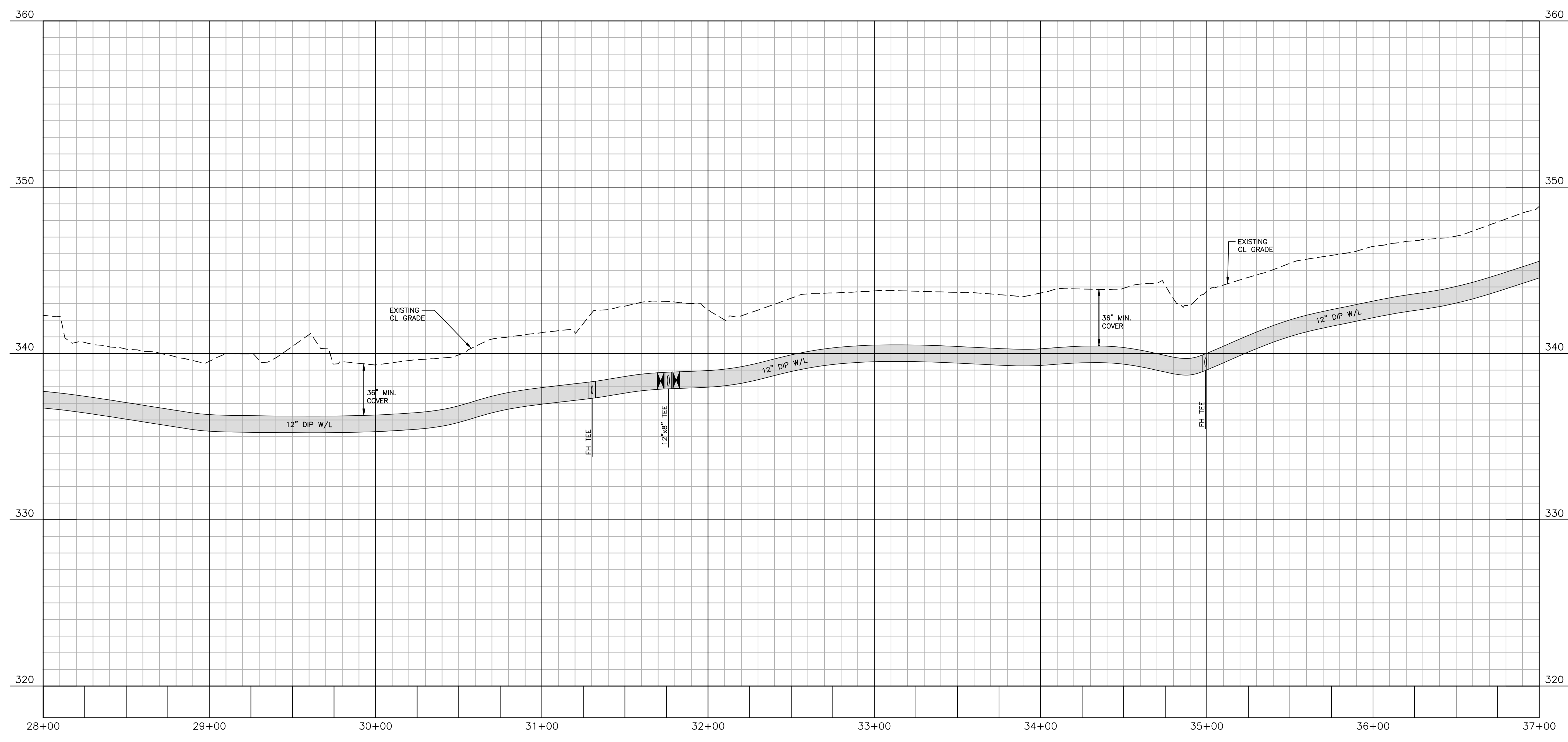
PLAN AND PROFILE
 WATERLINE "1", STA. 19+00 THRU STA. 28+00

C5.47

CID-24-08



WATERLINE "1"



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BURLINGTON MILLS ROAD
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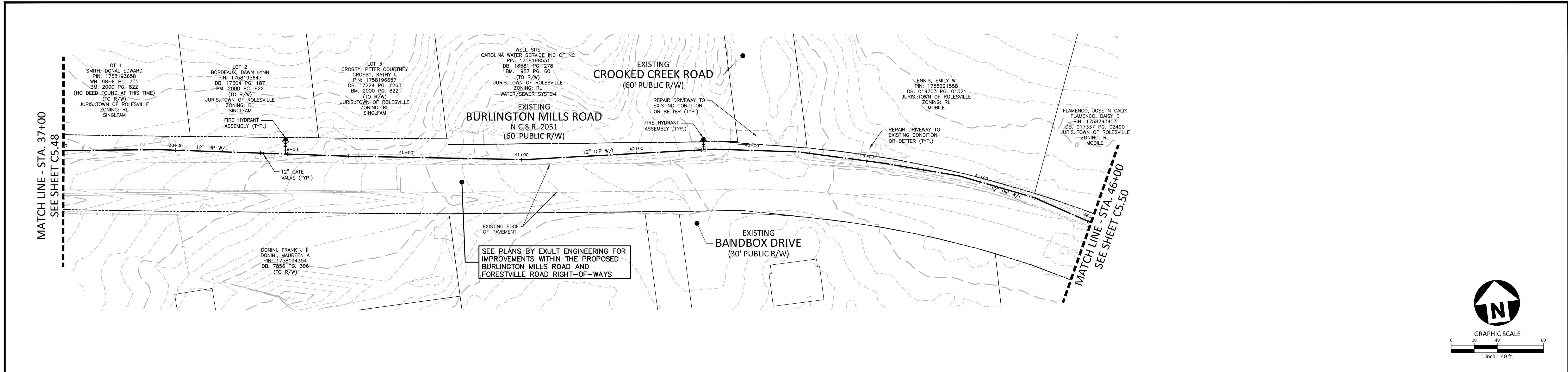
PLAN INFORMATION

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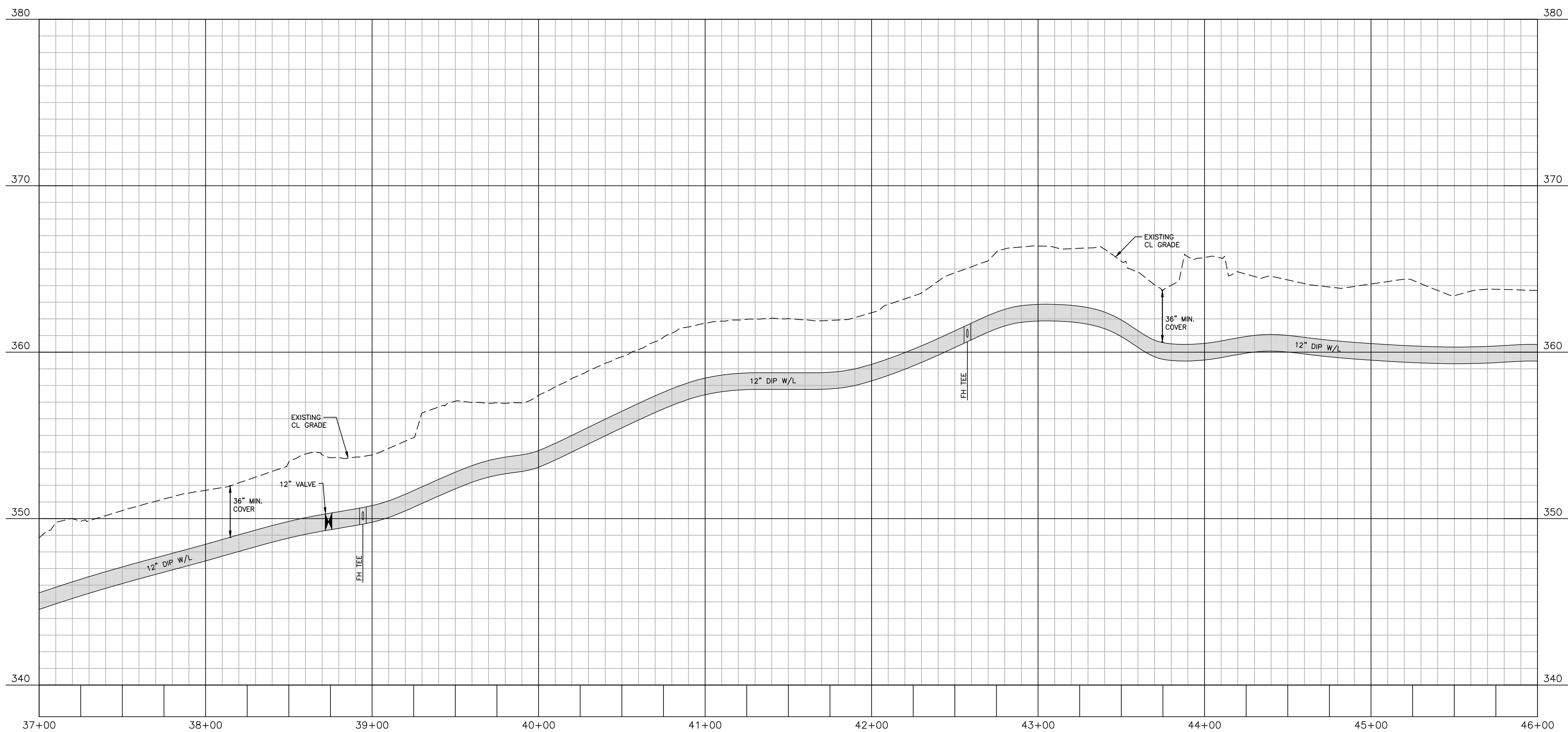
PLAN AND PROFILE
WATERLINE "1", STA. 28+00 THRU STA. 37+00

C5.48

CID-24-08



WATERLINE "1"



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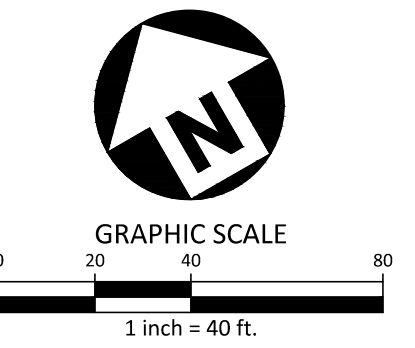
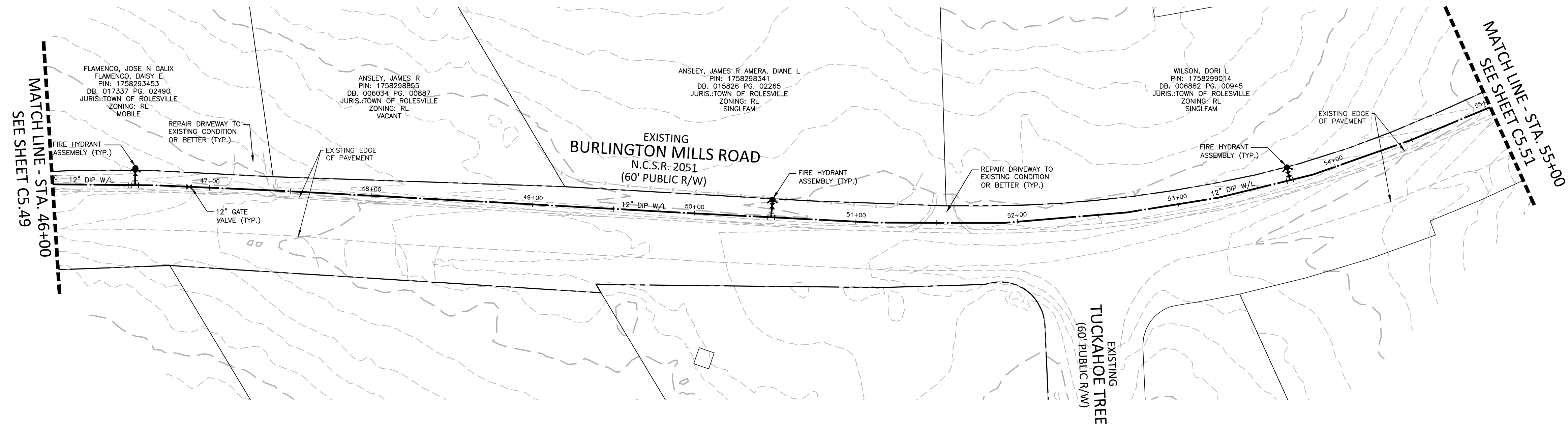
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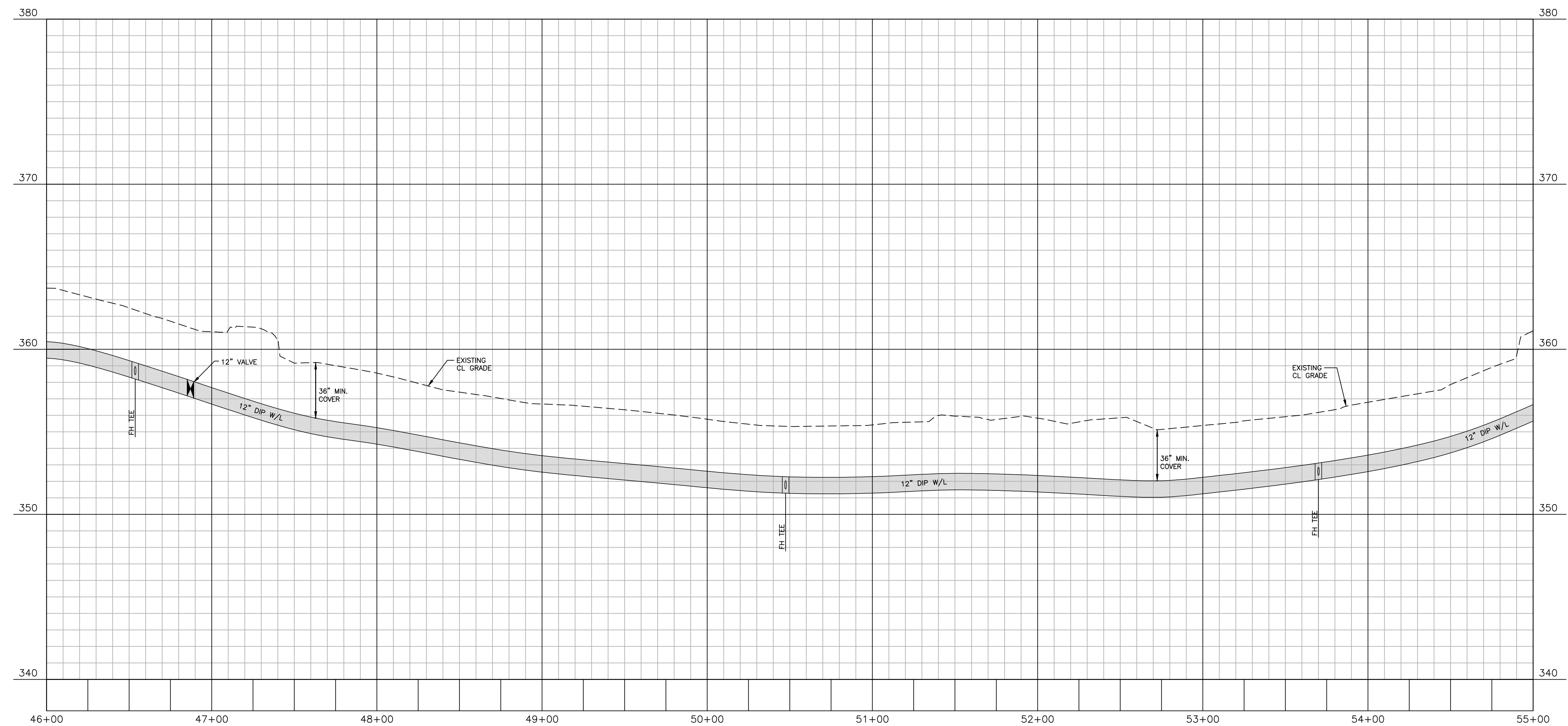
PLAN AND PROFILE
WATERLINE "1", STA. 37+00 THRU STA. 46+00

C5.49

CID-24-08



WATERLINE "1"



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CID-24-08

PLAN INFORMATION

PROJECT NO. AGN23001
FILENAME AGN23001-PS
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SCALE 1"=40'/1"=4'
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PLAN AND PROFILE
WATERLINE "1", STA. 46+00 THRU STA. 55+00

C5.50