

CONSTRUCTION PLANS FOR THE LEGACY PHASE 4A CHATHAM COUNTY, NORTH CAROLINA DECEMBER, 2014 (REVISED DECEMBER 29, 2014)

GENERAL CONSTRUCTION NOTES

1. EXISTING UNDERGROUND STRUCTURES AND UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, PRIOR TO STARTING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
2. THE CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE CALL AT 1-800-432-4343. THE CONTRACTOR SHALL CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
3. ALL WATER UTILITY CONSTRUCTION SHALL CONFORM TO THE CHATHAM COUNTY STANDARDS AND SPECIFICATIONS.
4. ALL SANITARY SEWER UTILITY CONSTRUCTION SHALL CONFORM TO LATEST AQUA OF NORTH CAROLINA STANDARDS AND SPECIFICATIONS.
5. THE SUBJECT PROPERTY IS LOCATED IN A FLOOD HAZARD AREA PER FEMA FIRM PANEL 9773, MAP NUMBER 97109773001, DATED 02/02/07, & FEMA FIRM PANEL 9782, MAP NUMBER 97109782001, DATED 02/02/07.
6. AQUA PERSONNEL SHALL BE NOTIFIED 48 HOURS BEFORE CONSTRUCTION IS TO BEGIN. ANY TESTING IS SCHEDULED, OR BEFORE ANY PIPE IS COVERED.
7. ALL WATER MAINS SHALL HAVE A MINIMUM OF 3.0' OF COVER AS MEASURED FROM FINISHED GRADE AT THE LOCATION WHERE INSTALLED.
8. ALL WATER MAINS SHALL BE OVER THE PRESSURE SEWER MAIN WITH A MINIMUM OF 18" SEPARATION.
9. ALL WATER MAINS AND FORCE MAINS CROSSING UNDER STORM DRAINAGE PIPING SHALL BE CONSTRUCTED WITH ONE (1) JOINT OF DUCTILE IRON PIPE CENTERED ON THE STORM PIPE CROSSING.
10. INSTREAM WORK SHALL BE PROHIBITED FROM MARCH 15 THROUGH JUNE 30 TO MINIMIZE IMPACTS TO SPAWNING FISH.
11. TOPOGRAPHIC INFORMATION PROVIDED BY CE GROUP, INC. RALEIGH, NC. PROFILE DATA FROM FIELD SURVEY BACKGROUND TOPOGRAPHY FROM AERIAL MAPPING.
12. DISTURBANCE IS LIMITED TO NO MORE THAN 15 AC OF GRADUAL SLOPED LAND AT ANY ONE TIME (0 - 14.9% SLOPE).
13. DISTURBANCE IS LIMITED TO NO MORE THAN 10 AC OF MODERATELY SLOPED LAND AT ANY ONE TIME (15 - 24.9% SLOPE).
14. WHERE GRAVITY SEWER LINES ARE DIP DUE TO VERTICAL SEPARATION REQUIREMENTS, THE DIP GRAVITY SEWER LINE SEGMENTS SHALL BE HYDROSTATICALLY TESTED WITH WATER TO ENSURE JOINT TIGHTNESS.

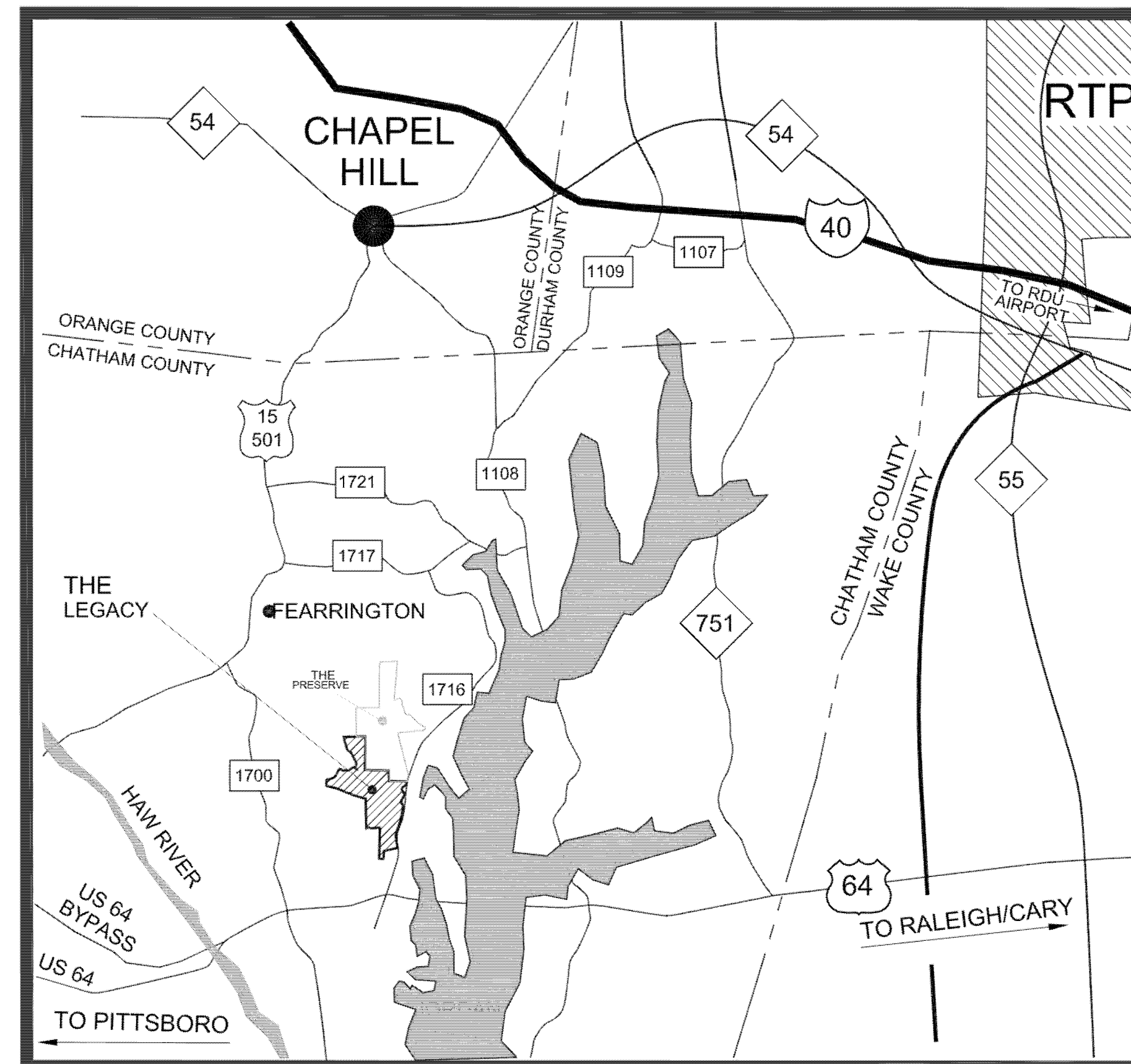
OWNER / DEVELOPER

F-L LEGACY OWNER, LLC
500 BOYLSTON ST., SUITE 1870
BOSTON, MA 02116
PHONE: 617.221.8400

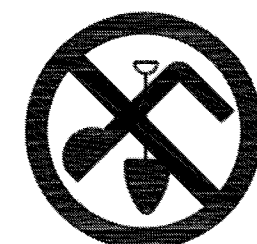
SITE DATA

PIN # 9783 12 2642
ZONING: R-1 (RESIDENTIAL)
TOTAL TRACT AREA: 256.96 ACRES

PHASE 4A = 109 LOTS



VICINITY MAP
SCALE: 1 INCH = 10,000 FEET



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NO.	REVISIONS	DATE
1.	REVISED PER AQUA NC REVIEW.	12/29/14

CE GROUP

301 GLENWOOD AVE. 220
RALEIGH, NC 27603
PHONE: 919-367-8790
FAX: 919-322-0032

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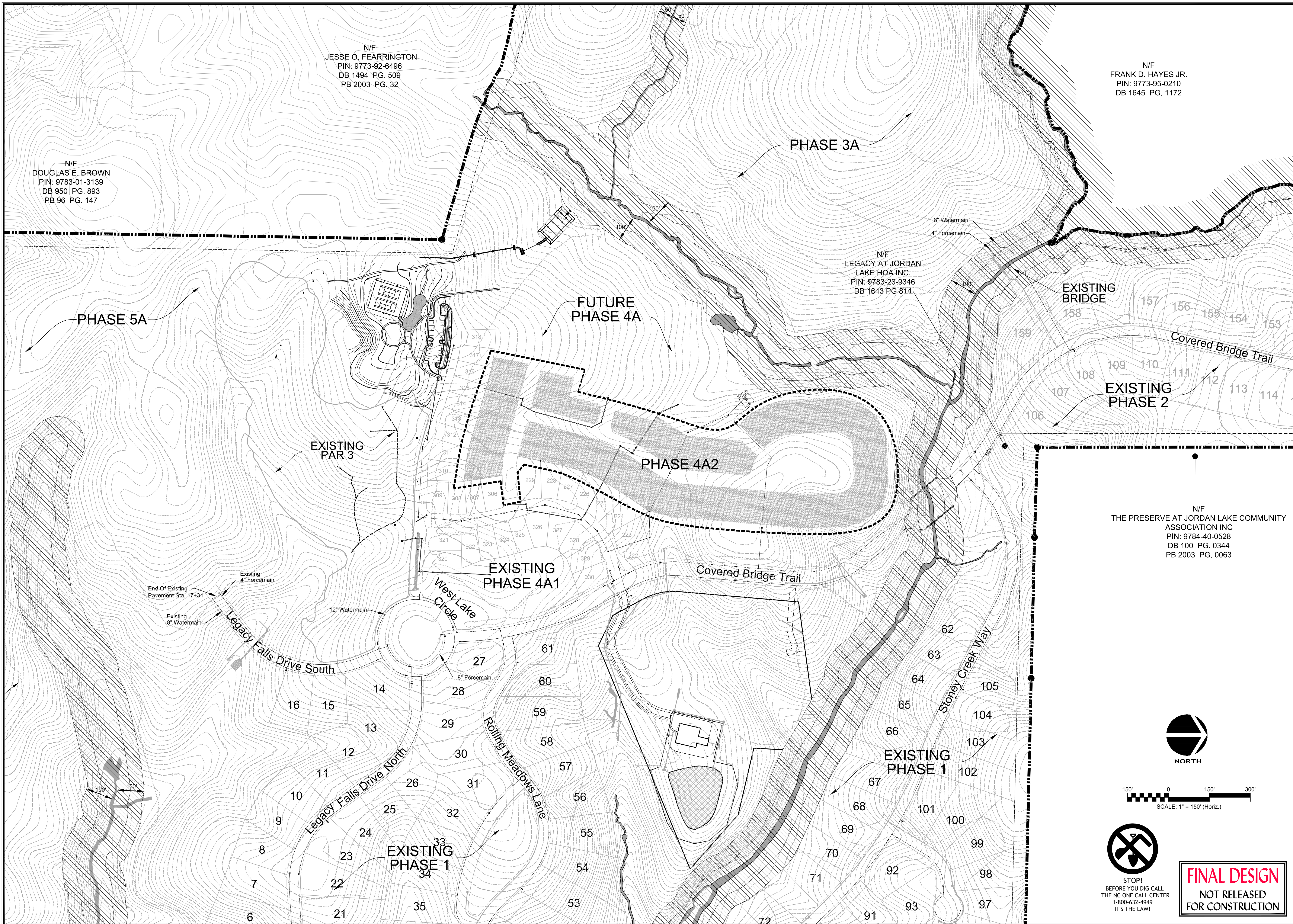


**THE LEGACY
PHASE 4A
CONSTRUCTION PLANS
COVER**

CHATHAM COUNTY, NORTH CAROLINA

Date:	JULY, 2014
Scale:	N/A
Drawn:	JPD
Checked:	MPA
Project No.:	330-04
Computer Dwg. Name:	330-04 Ph4A 01 Cover

**FINAL DESIGN
RELEASED
FOR CONSTRUCTION**



N/F
 JESSE O. FEARRINGTON
 PIN: 9773-92-6496
 DB 1494 PG. 509
 PB 2003 PG. 32

N/F
 FRANK D. HAYES JR.
 PIN: 9773-95-0210
 DB 1645 PG. 1172

N/F
 DOUGLAS E. BROWN
 PIN: 9783-01-3139
 DB 950 PG. 893
 PB 96 PG. 147

N/F
 LEGACY AT JORDAN
 LAKE HOA INC.
 PIN: 9783-23-9346
 DB 1643 PG. 814

EXISTING
 BRIDGE

EXISTING
 PHASE 2

EXISTING
 PAR 3

FUTURE
 PHASE 4A

PHASE 4A2

EXISTING
 PHASE 4A1

N/F
 THE PRESERVE AT JORDAN LAKE COMMUNITY
 ASSOCIATION INC
 PIN: 9784-40-0528
 DB 100 PG. 0344
 PB 2003 PG. 0063

NO.	REVISIONS	DATE
1.		05/02/17



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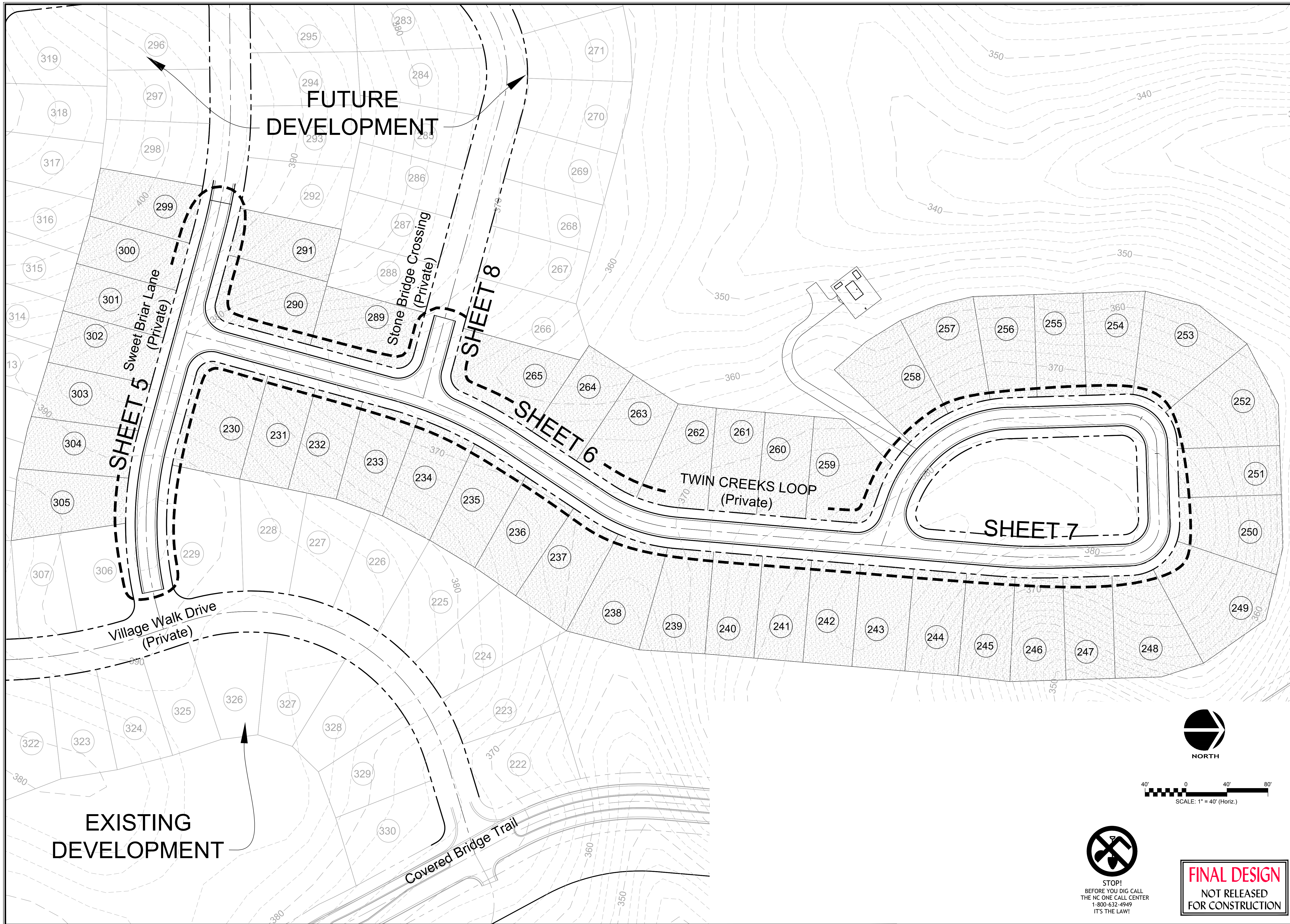


THE LEGACY
 PHASE 4A2
 CONSTRUCTION PLANS
 EXISTING CONDITIONS
 CHATHAM COUNTY, NORTH CAROLINA

Date:	MARCH, 2017
Scale:	1"=150'
Drawn:	JPD
Checked:	MPA
Project No.:	330-04
Computer/Draw. Name:	330-04 PHA 02 ex cond

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NO.	REVISED PER COUNTY COMMENTS	REVISIONS	DATE
1			05/02/17

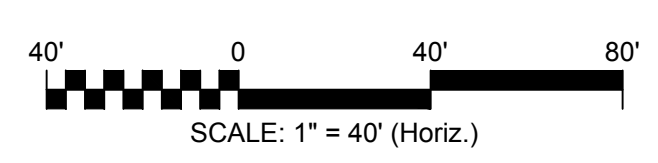
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**THE LEGACY
 PHASE 4A2
 CONSTRUCTION PLANS
 OVERALL LAYOUT**
 CHATHAM COUNTY, NORTH CAROLINA

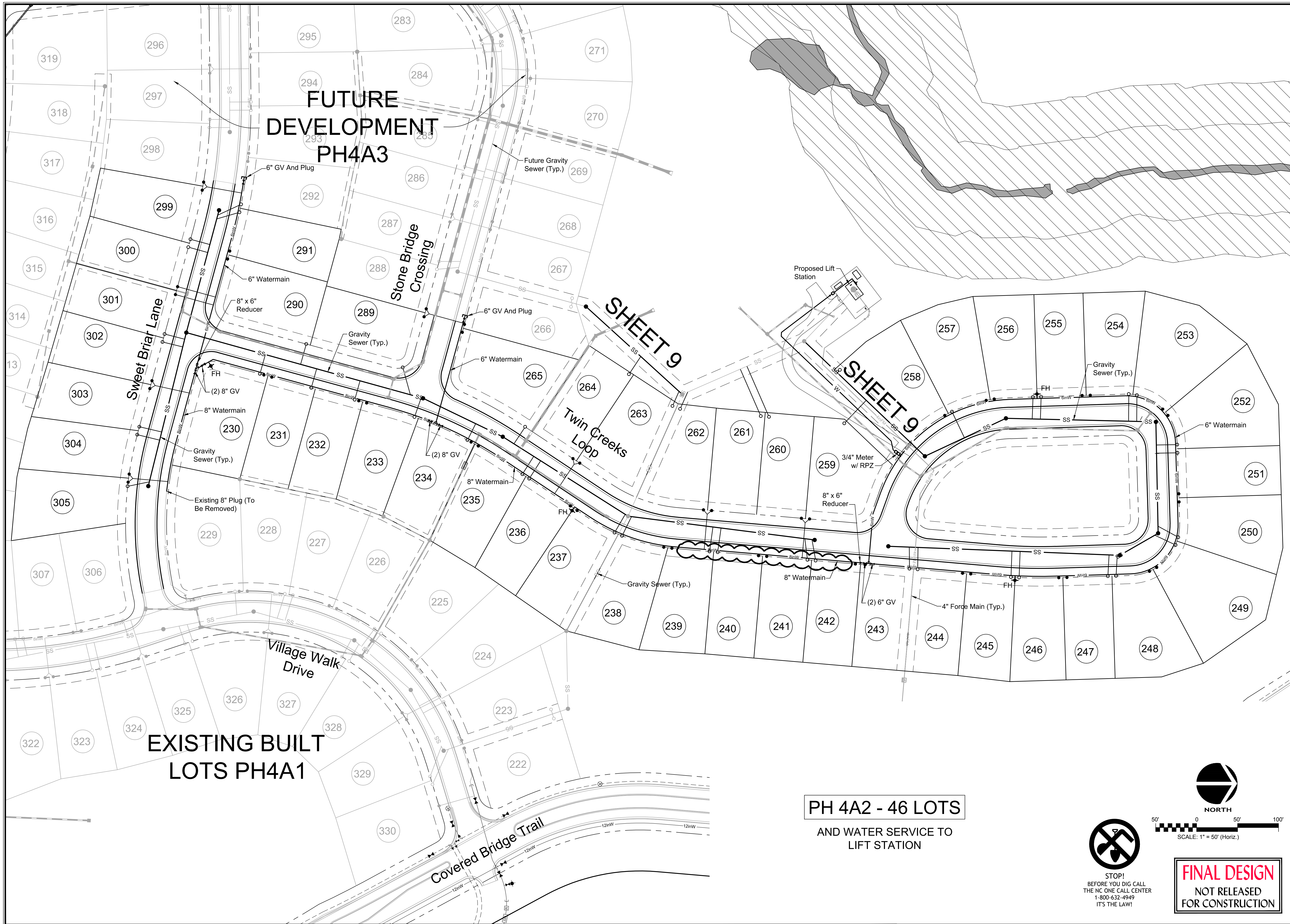
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Project No.:	330-04
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FUTURE DEVELOPMENT PH4A3

EXISTING BUILT LOTS PH4A1

PH 4A2 - 46 LOTS
AND WATER SERVICE TO LIFT STATION



SCALE: 1" = 50' (Horiz.)



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NO.	REVISIONS	DATE
2.	REVISED PER NC DENR COMMENTS	06/06/17
1.	REVISED PER COUNTY COMMENTS	05/02/17

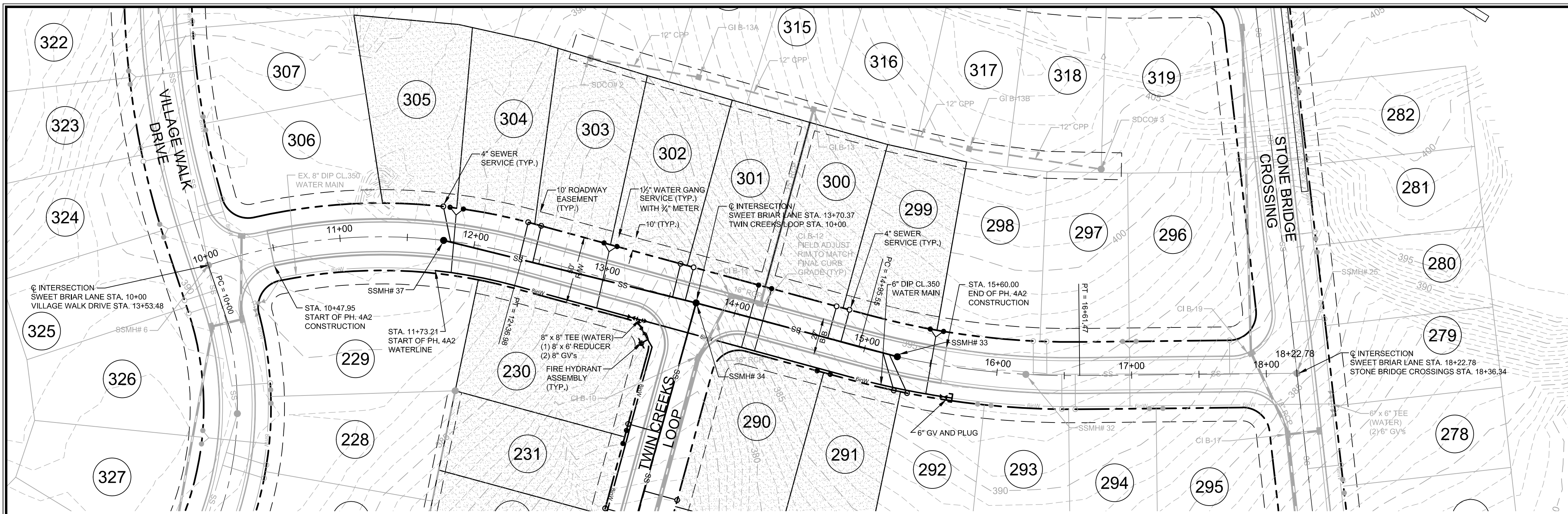
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 License # C-1739



THE LEGACY PHASE 4A2 CONSTRUCTION PLANS OVERALL UTILITY
 CHATHAM COUNTY, NORTH CAROLINA

Date:	MARCH, 2017
Scale:	1"=50'
Drawn:	JPD
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Project No.:	330-04
Computer Diag. Name:	330-04 PH4A2 04 o.era.tulill

Sheet No: **4** Of ___

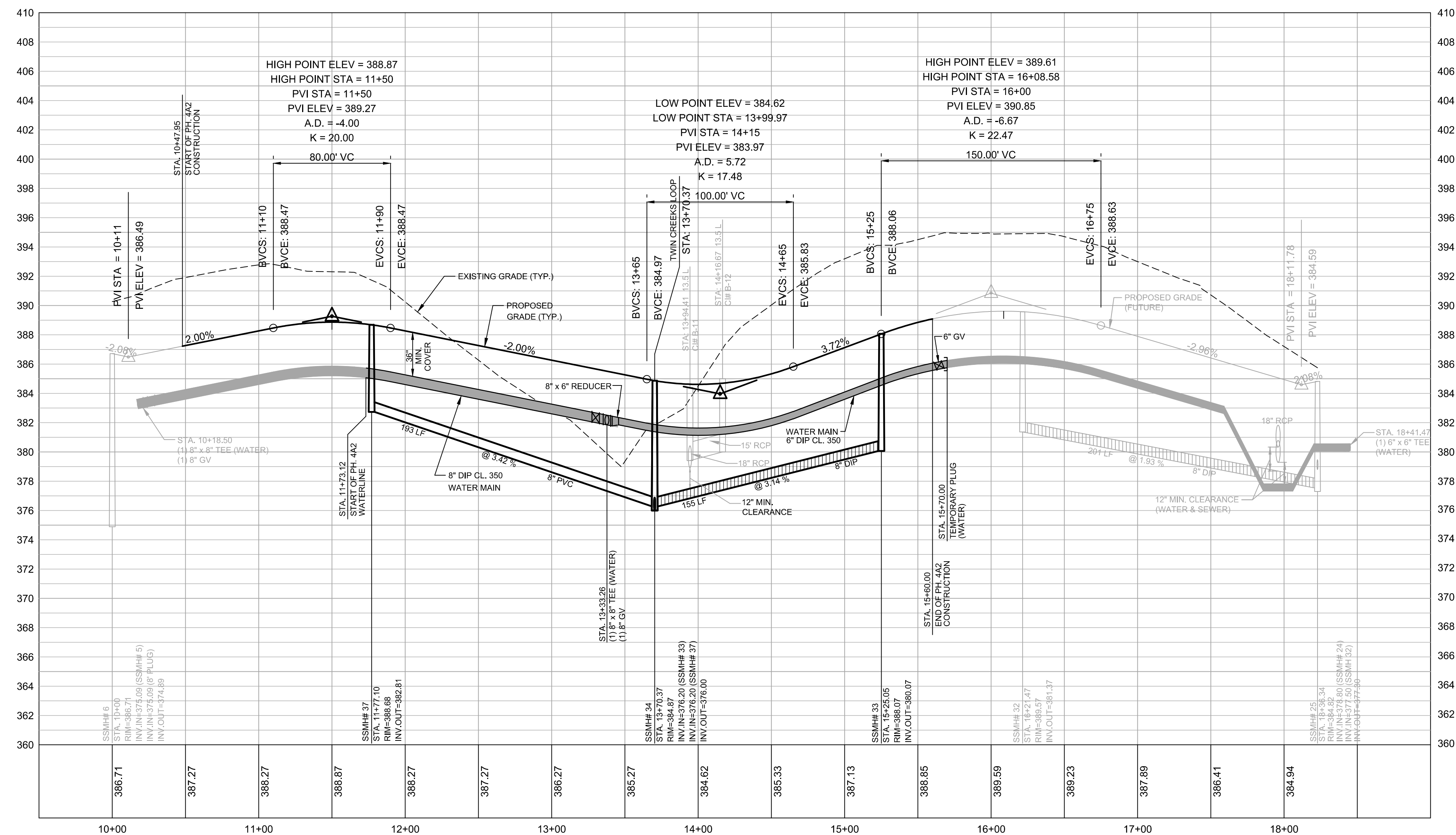


**SWEET BRIAR LANE
PLAN & PROFILE**

SCALE: 1"=50' H, 1"=5' V

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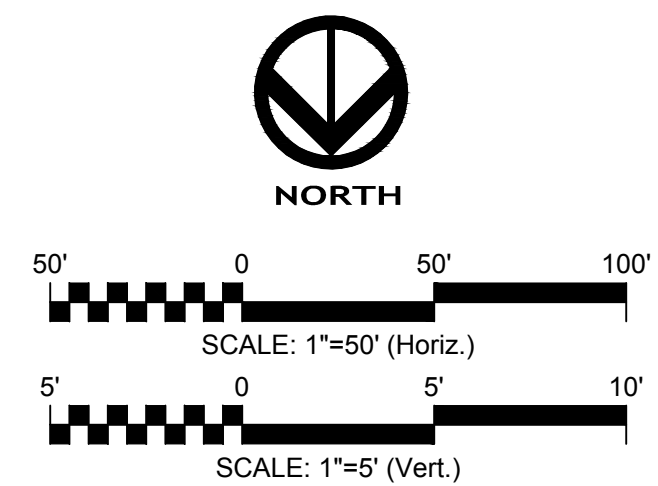
NO.	REVISED PER COUNTY COMMENTS	REVISIONS	DATE
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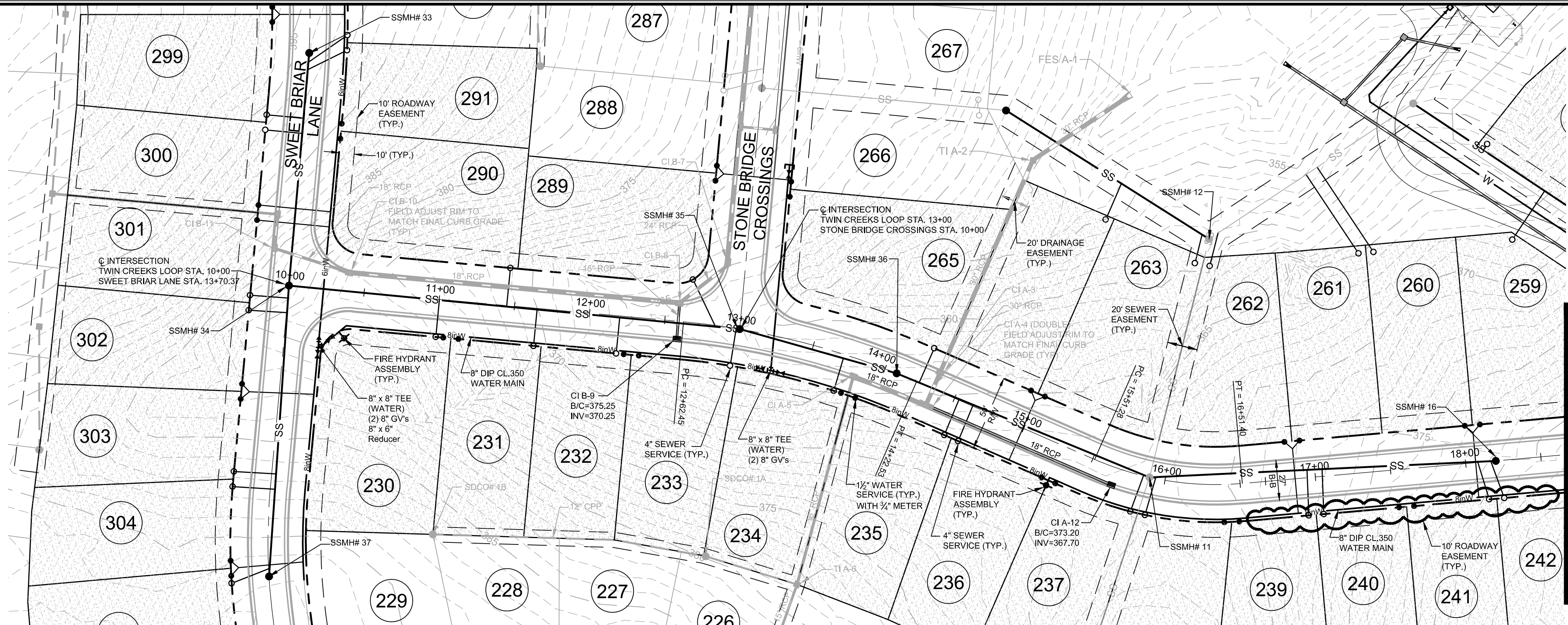


**THE LEGACY
PHASE 4A2
SWEET BRIAR LANE**
CHATHAM COUNTY, NORTH CAROLINA
STA. 10+47.95 - STA. 15+35.05

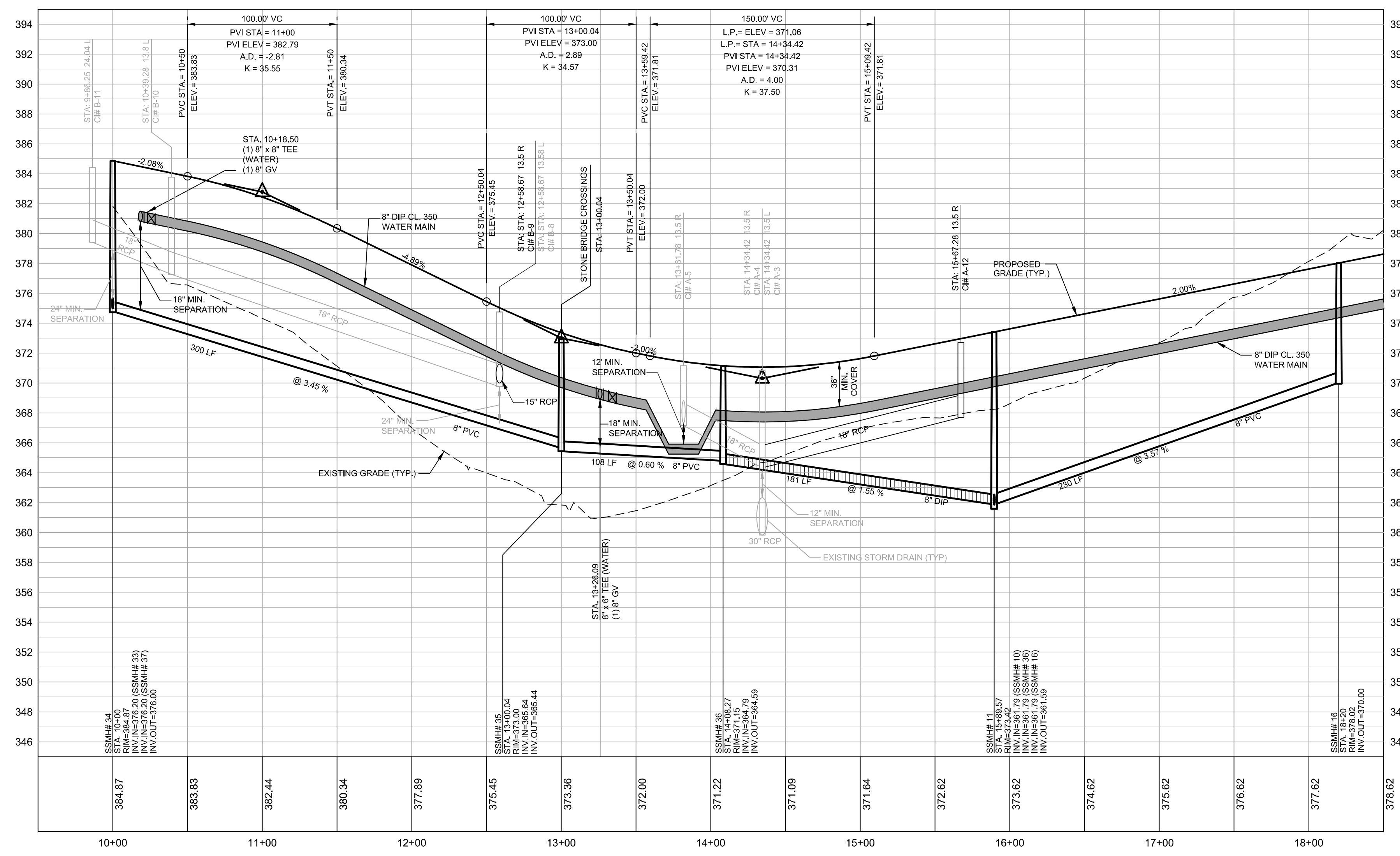
Date: MARCH, 2017
Scale: 1"=50' (H) / 1"=5' (V)
Drawn: JPD
Checked: MPA
Project No: 330-04
Computer Diag. Name: 330-04 PHA2 05 Road-C



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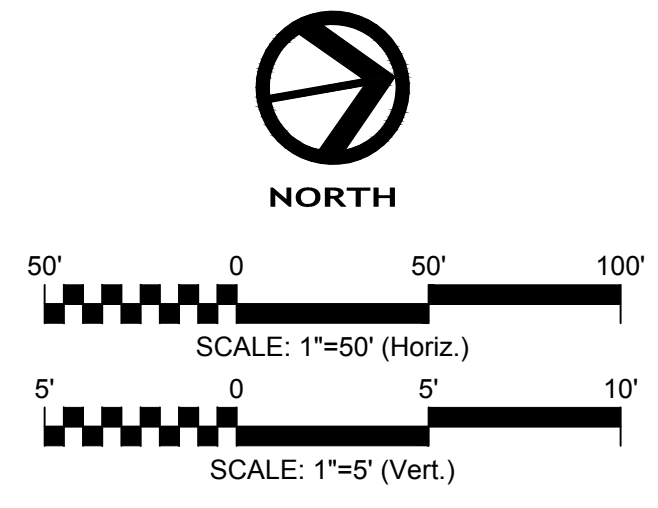


**TWIN CREEKS LOOP
PLAN & PROFILE**
SCALE: 1"=50' H, 1"=5' V



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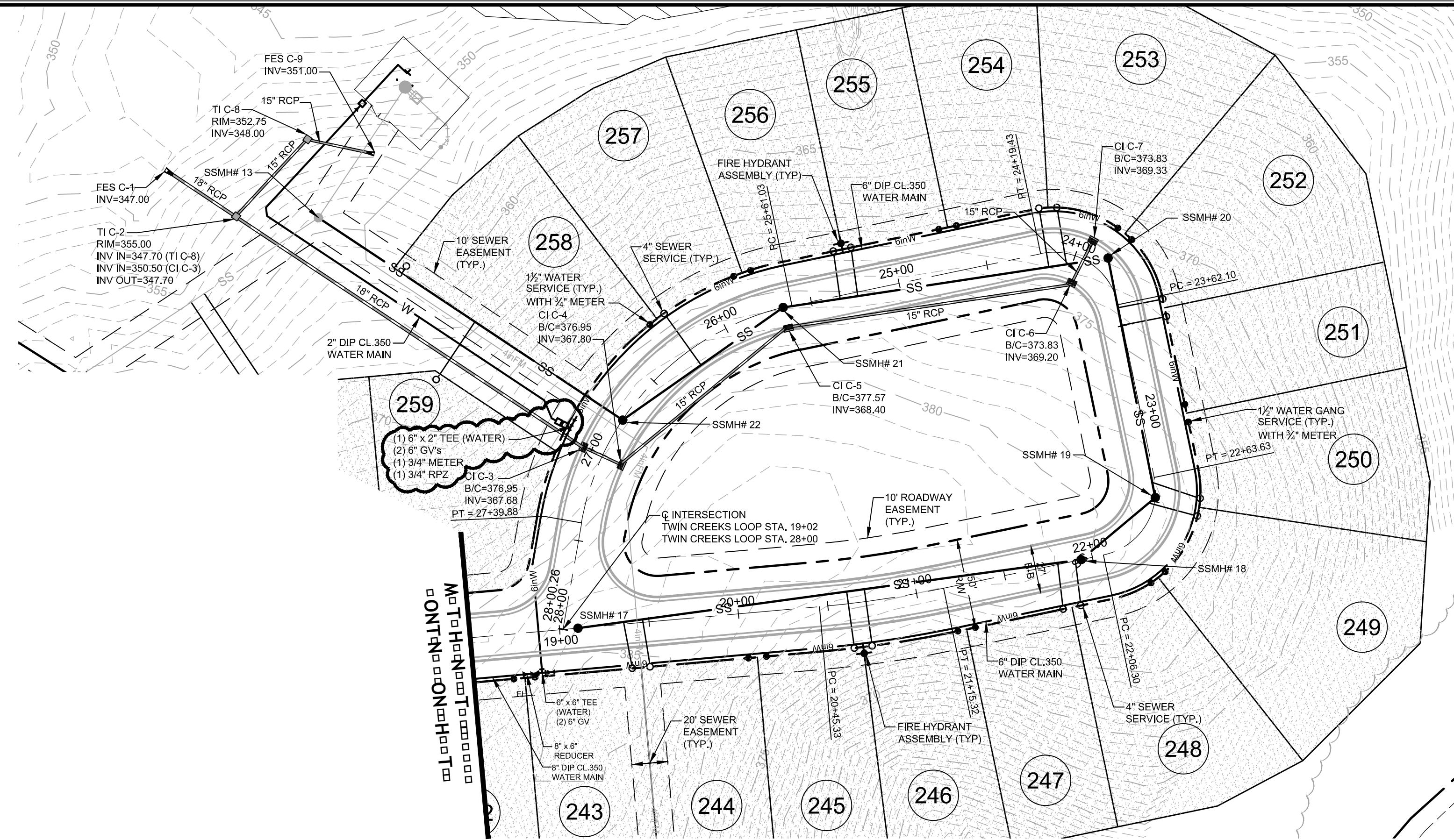
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2.	REVISED PER NCDENR COMMENTS	06/06/17
1.	REVISED PER COUNTY COMMENTS	05/02/17

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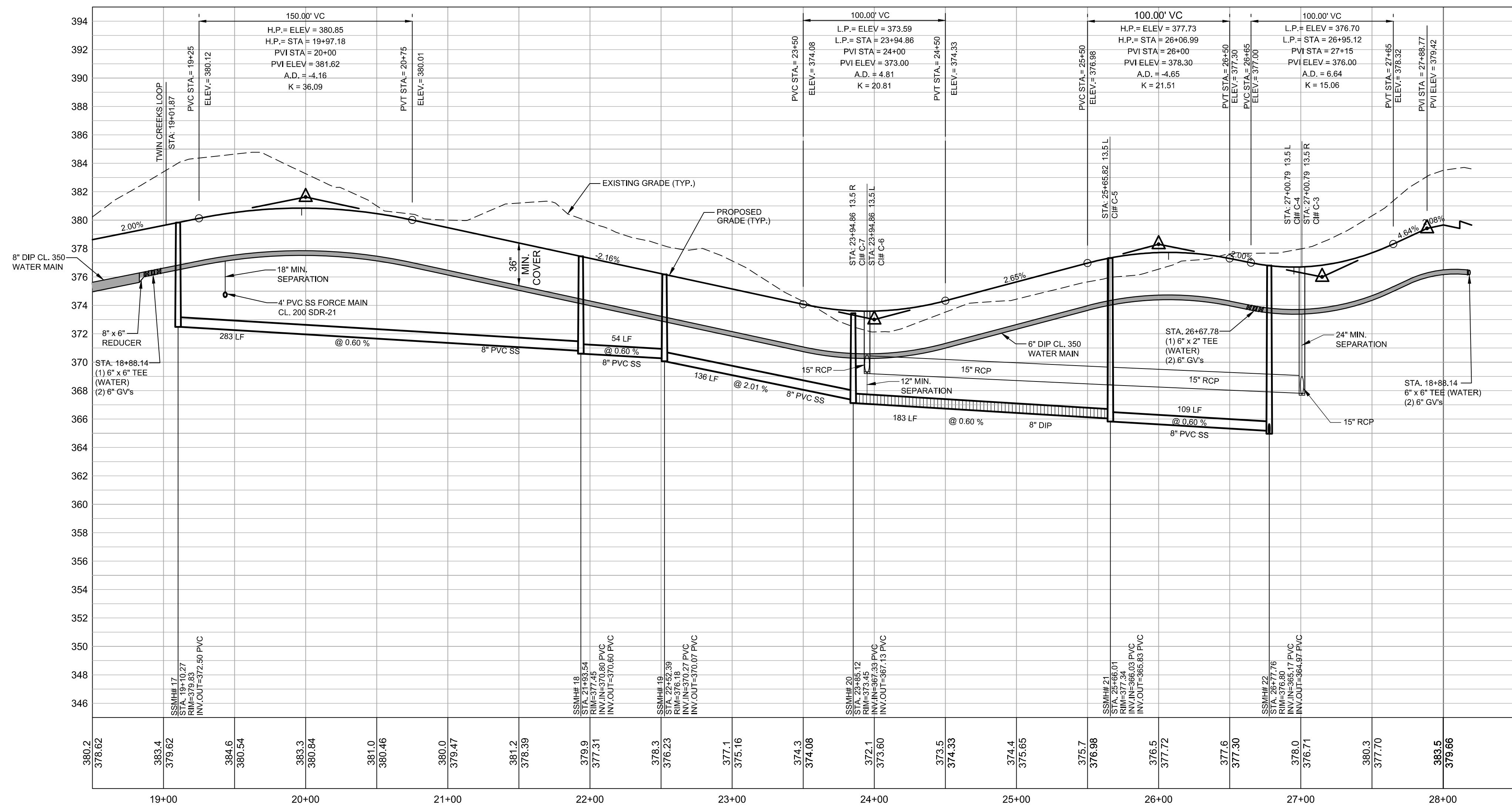
**THE LEGACY
PHASE 4A2
TWIN CREEKS LOOP
STA. 10+00 - STA. 18+50
CHATHAM COUNTY, NORTH CAROLINA**

Date:	MARCH, 2017
Scale:	1"=50' (H) / 1"=5' (V)
Drawn:	JPD
Checked:	MPA
Project No.:	330-04
Computer Diag. Name:	330-04 PHA2 06 Road-D
Sheet No.:	6



**TWIN CREEKS LOOP
PLAN & PROFILE**

SCALE: 1"=50' H, 1"=5' V



GENERAL CONSTRUCTION NOTES

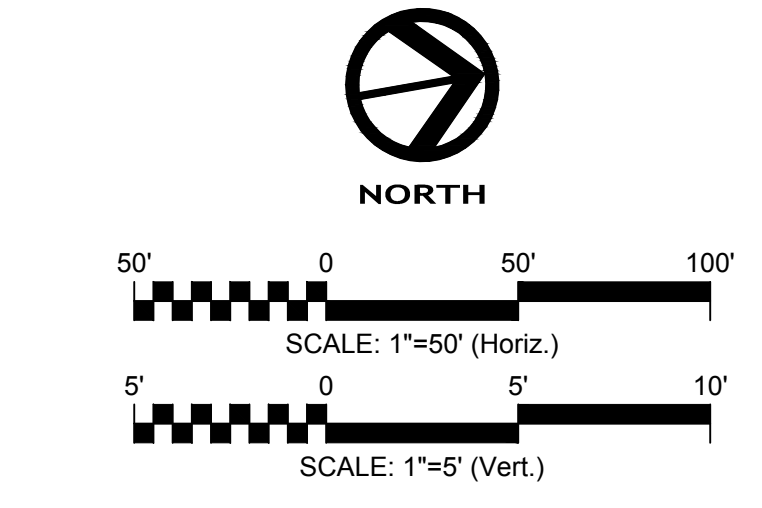
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NO.	REVISIONS	DATE
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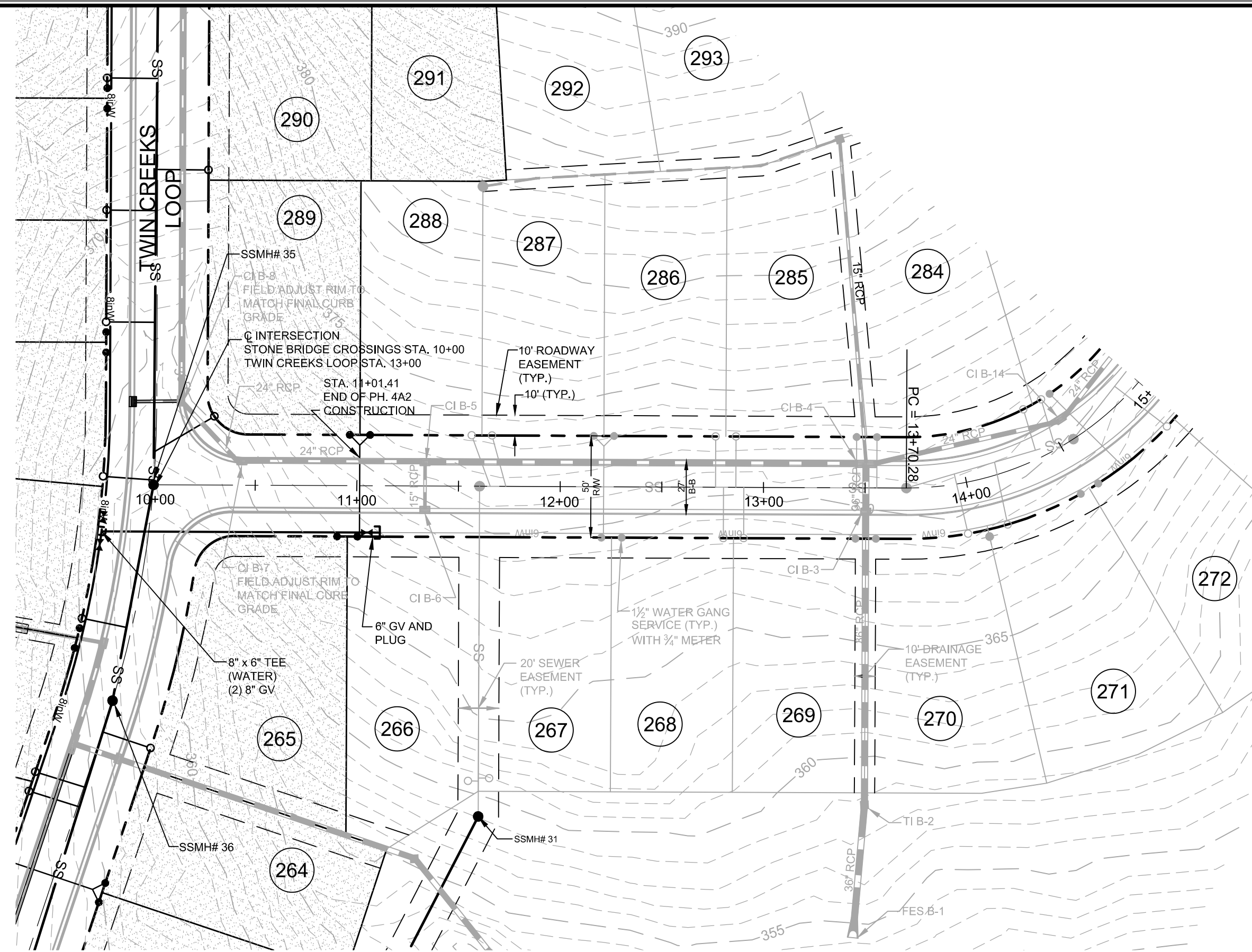
**THE LEGACY
PHASE 4A2
TWIN CREEKS LOOP
STA. 18+50 - STA. 28+00.06**
CHATHAM COUNTY, NORTH CAROLINA



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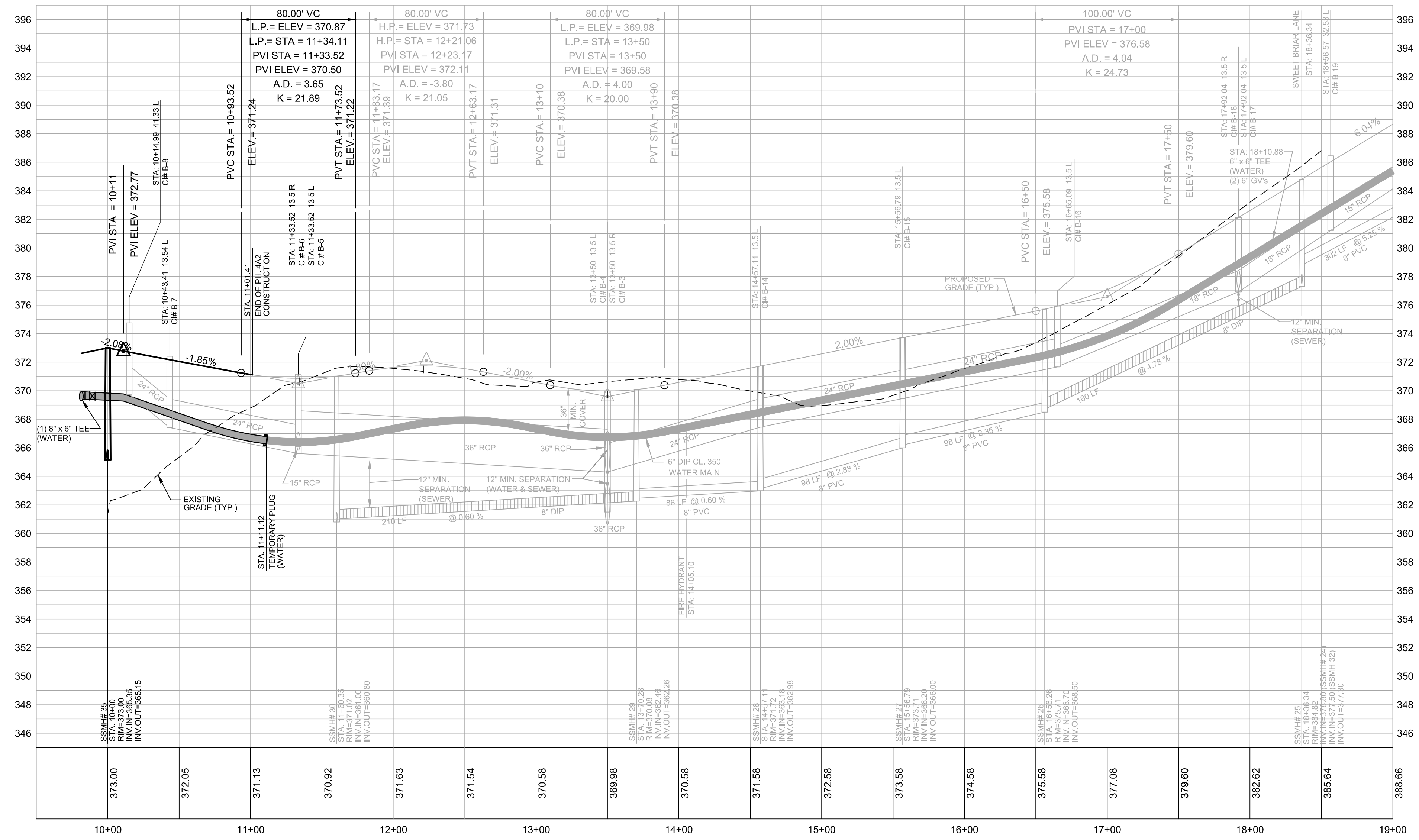
FINAL DESIGN
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FOR CONSTRUCTION

Date:	MARCH, 2017
Scale:	1"=50' (H) / 1"=5' (V)
Drawn:	JPD
Checked:	MPA
Project No.:	330-04
Computer Diag. Name:	330-04 PHA2 07 Road-D
Sheet No.:	7



**STONE BRIDGE CROSSINGS
PLAN & PROFILE**

SCALE: 1"=50' H, 1"=5' V



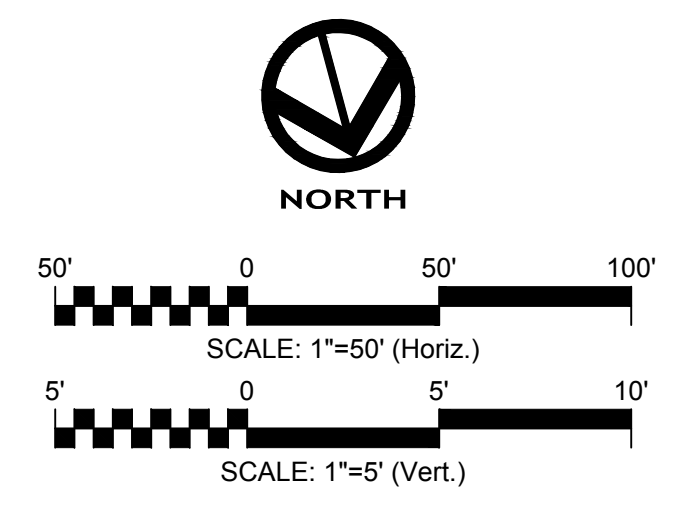
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NO.	REVISIONS	DATE
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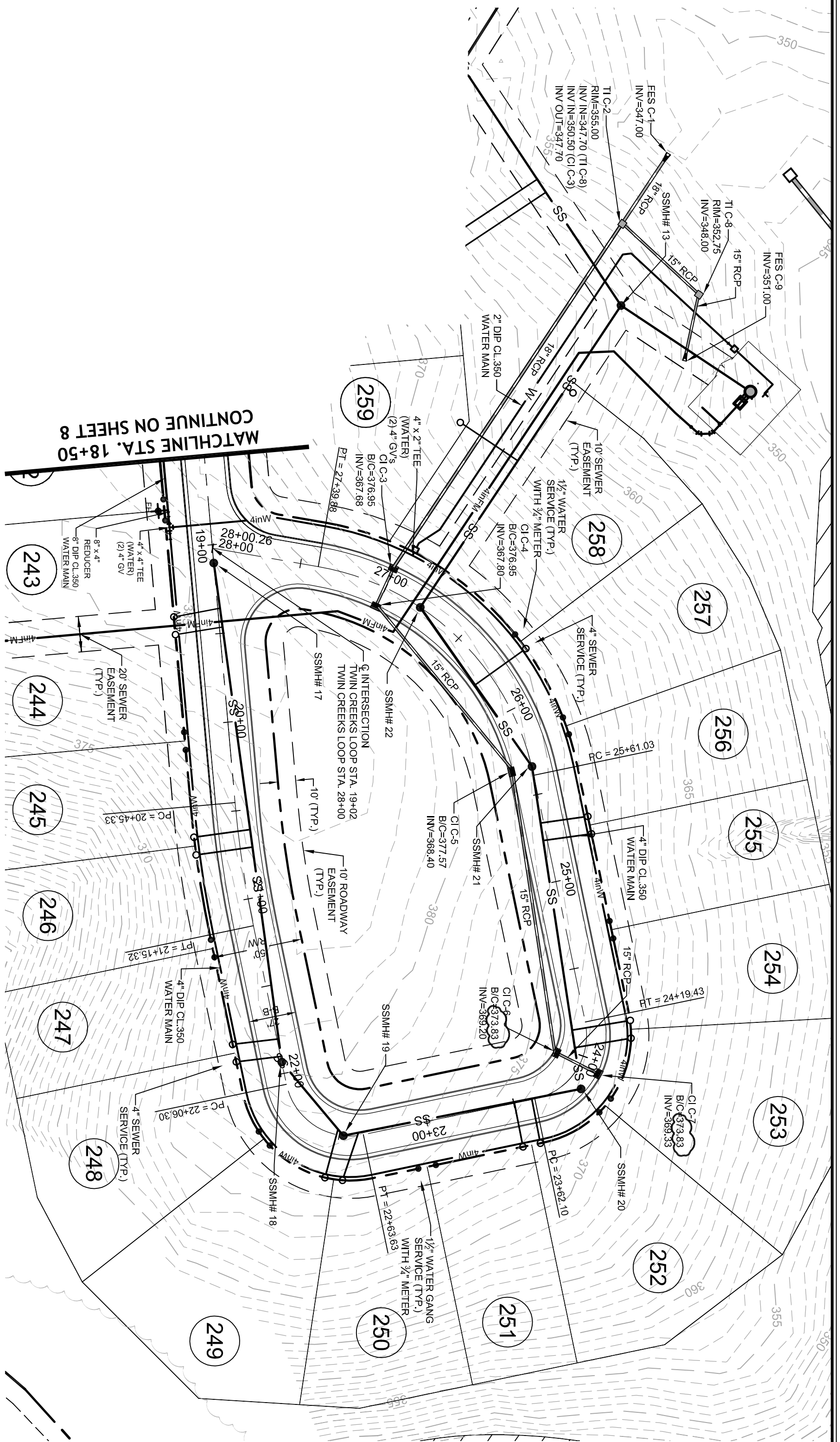
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**THE LEGACY
PHASE 4A2
STONE BRIDGE CROSSINGS
STA. 10+00 - STA. 11+01.41
CHATHAM COUNTY, NORTH CAROLINA**

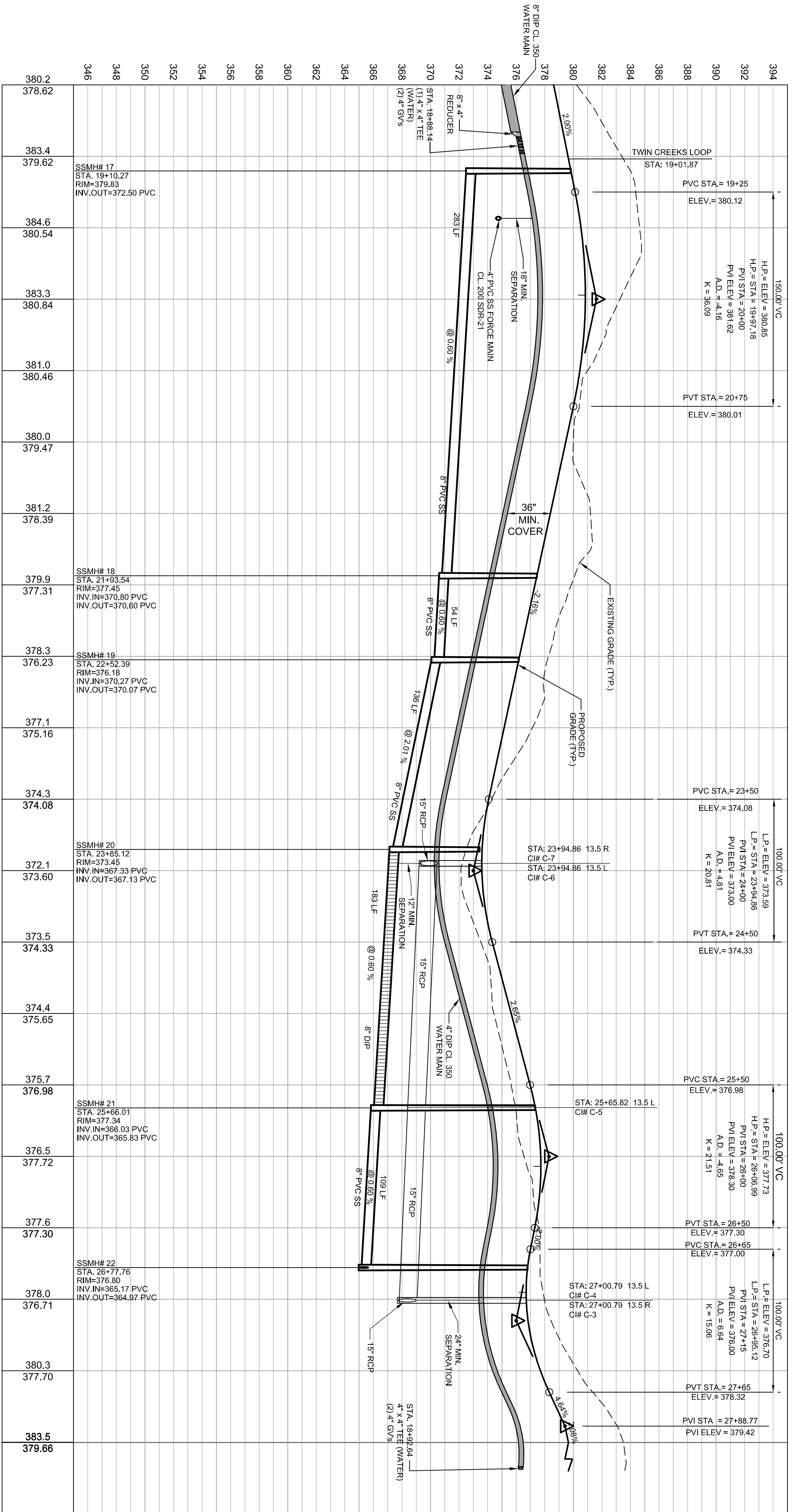
Date:	MARCH, 2017
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Drawn:	JPD
Checked:	MPA
Project No.:	330-04
Computer Diag. Name:	330-04 PHA2 08 road e.dwg

Sheet No: **8** Of **10**



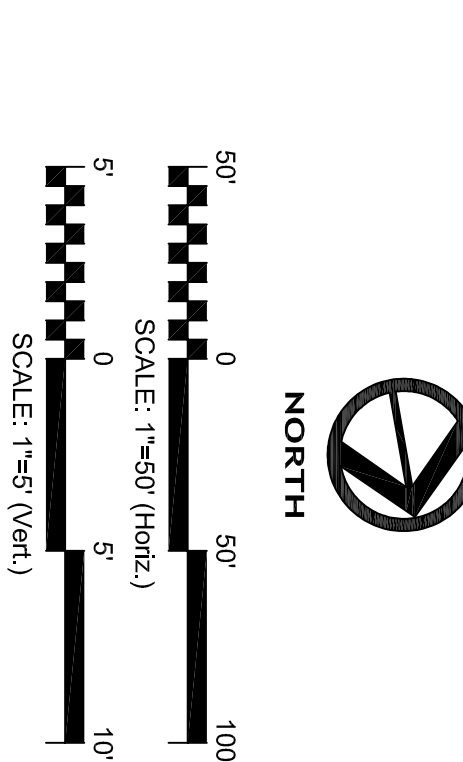
**TWIN CREEKS LOOP
PLAN & PROFILE**

SCALE: H=50' H, V=5' V



GENERAL CONSTRUCTION NOTES

- EXISTING UNDERGROUND STRUCTURES AND UTILITIES SHOWN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. CONTRACTOR SHALL VERIFY CONDITIONS, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES.
- THE CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE CALL AT 1-800-424-4444. THE CONTRACTOR SHALL CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
- ALL WATER UTILITY CONSTRUCTION SHALL CONFORM TO THE CHATHAM COUNTY STANDARDS AND SPECIFICATIONS.
- ALL SANITARY SEWER UTILITY CONSTRUCTION SHALL CONFORM TO LATEST AQA OF NORTH CAROLINA STANDARDS AND SPECIFICATIONS.
- THE SUBJECT PROPERTY IS LOCATED IN A FLOOD HAZARD AREA PER FEMA FIRM PANEL 9723 MAP NUMBER 97097300L DATED 02/02/97. A FEMA FIRM PANEL 9756 MAP NUMBER 97097300L DATED 02/02/97.
- AQA PERSONNEL SHALL BE NOTIFIED 24 HOURS BEFORE CONSTRUCTION COMMENCES. ANY TESTS TO BE CONDUCTED ON SEWER MAIN PIPE IS TO BE CONDUCTED AT THE LOCATION WHERE INSTALLED.
- ALL WATER MAINS SHALL HAVE A MINIMUM OF 3' OF COVER AS MEASURED FROM FINISHED GRADE AT THE LOCATION WHERE INSTALLED.
- ALL WATER MAINS SHALL BE COVERED WITH THE PRESSURE SEWER MAIN WITH A MINIMUM OF 18" SEPARATION.
- ALL WATER MAINS AND FORCE MAINS CROSSING UNDER STORM DRAINAGE PIPING SHALL BE CONSTRUCTED WITH ONE (1) FOOT OF DUCTILE IRON PIPE CENTERED ON THE STORM PIPE CROSSING.
- INSURANCE WORK SHALL BE PROHIBITED FROM MARCH 15 THROUGH JUNE 30 TO MINIMIZE IMPACTS TO SPAWNING FISH.
- TOPOGRAPHIC INFORMATION PROVIDED BY CE GROUP, INC. RALEIGH, NC. PROFILE DATA FROM FIELD SURVEY BACKGROUND TOPOGRAPHY FROM AERIAL IMAGERY.
- DISTURBANCE IS LIMITED TO NO MORE THAN 15 AC OF GRADUAL SLOPED LAND IN ANY ONE TIME (0 - 14.9% SLOPE).
- DISTURBANCE IS LIMITED TO NO MORE THAN 10 AC OF MODERATELY SLOPED LAND IN ANY ONE TIME (15 - 24.9% SLOPE).
- WHERE GRAVITY SEWER LINES ARE DUE TO VERTICAL SEPARATION FROM EXISTING UTILITY, TESTS WITH WATER TO ENSURE JOINT TIGHTNESS.



STOP!
BEFORE YOU DIG CALL
THE NC ONE CALL CENTER
1-800-632-4949
IT'S THE LAW!

FINAL DESIGN
NOT RELEASED
FOR CONSTRUCTION

Project No.	330-04
Checked:	MPA
Drawn:	JPD
Date:	JULY, 2014
Scale:	1"=50' (H) / 1"=5' (V)
Sheet No.:	9

**THE LEGACY
PHASE 4A
TWIN CREEKS LOOP
STA. 18+50 - STA. 28+00.06**

CHATHAM COUNTY, NORTH CAROLINA

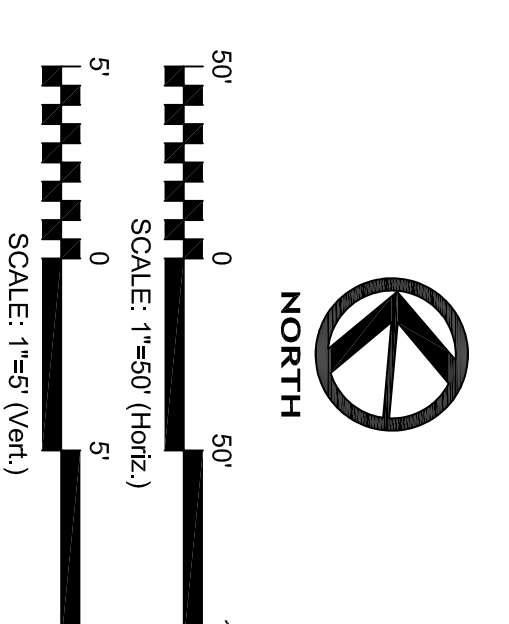
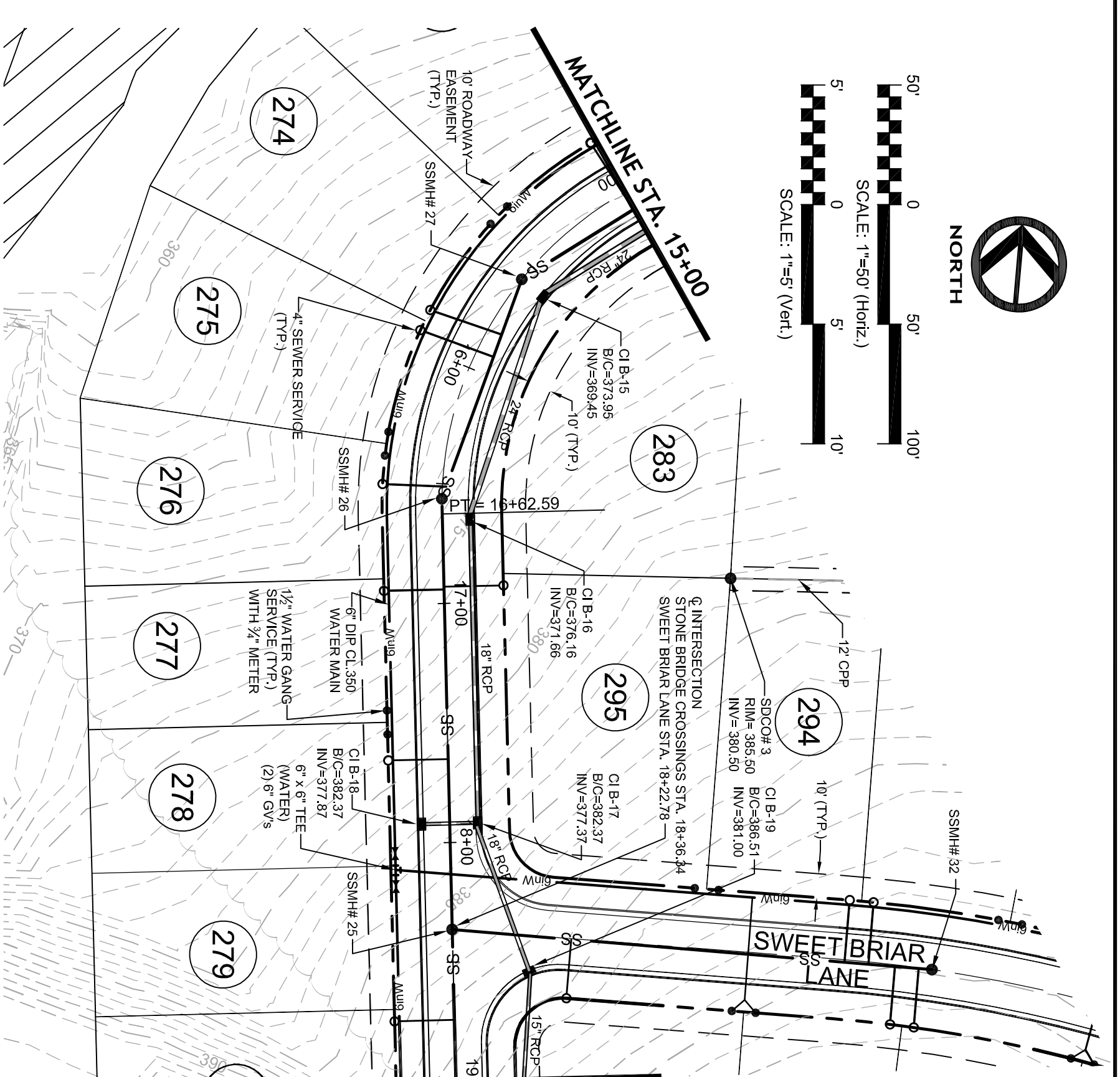
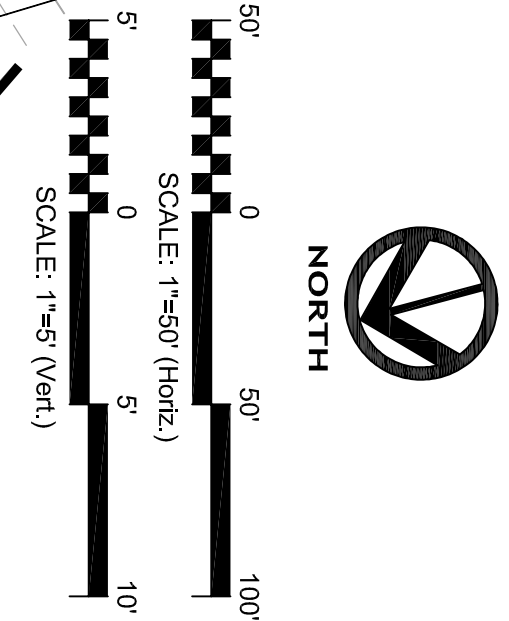
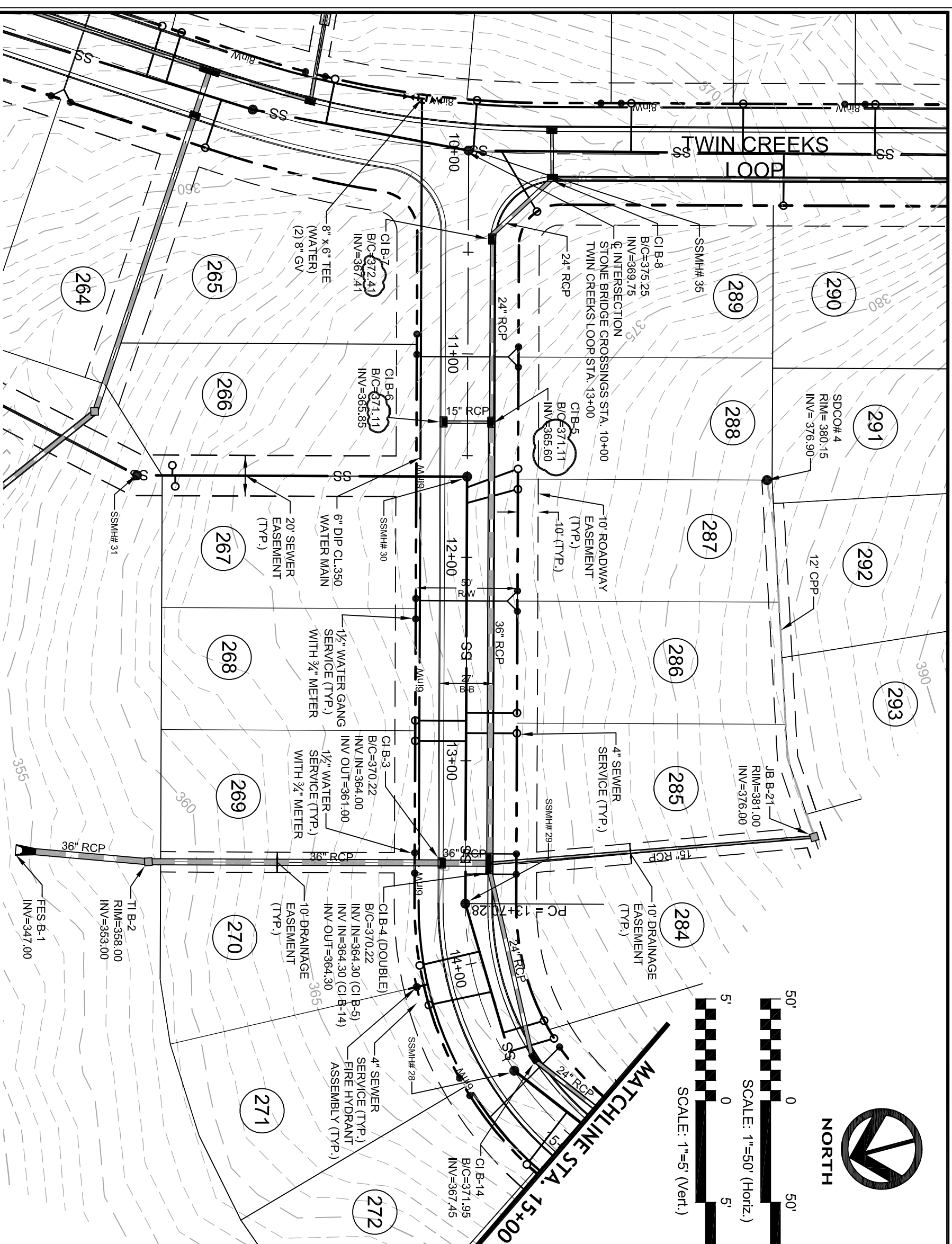


CE GROUP

307 GLENWOOD AVE, 220
RALEIGH, NC 27602
PHONE: 919-367-8790
FAX: 919-322-0032

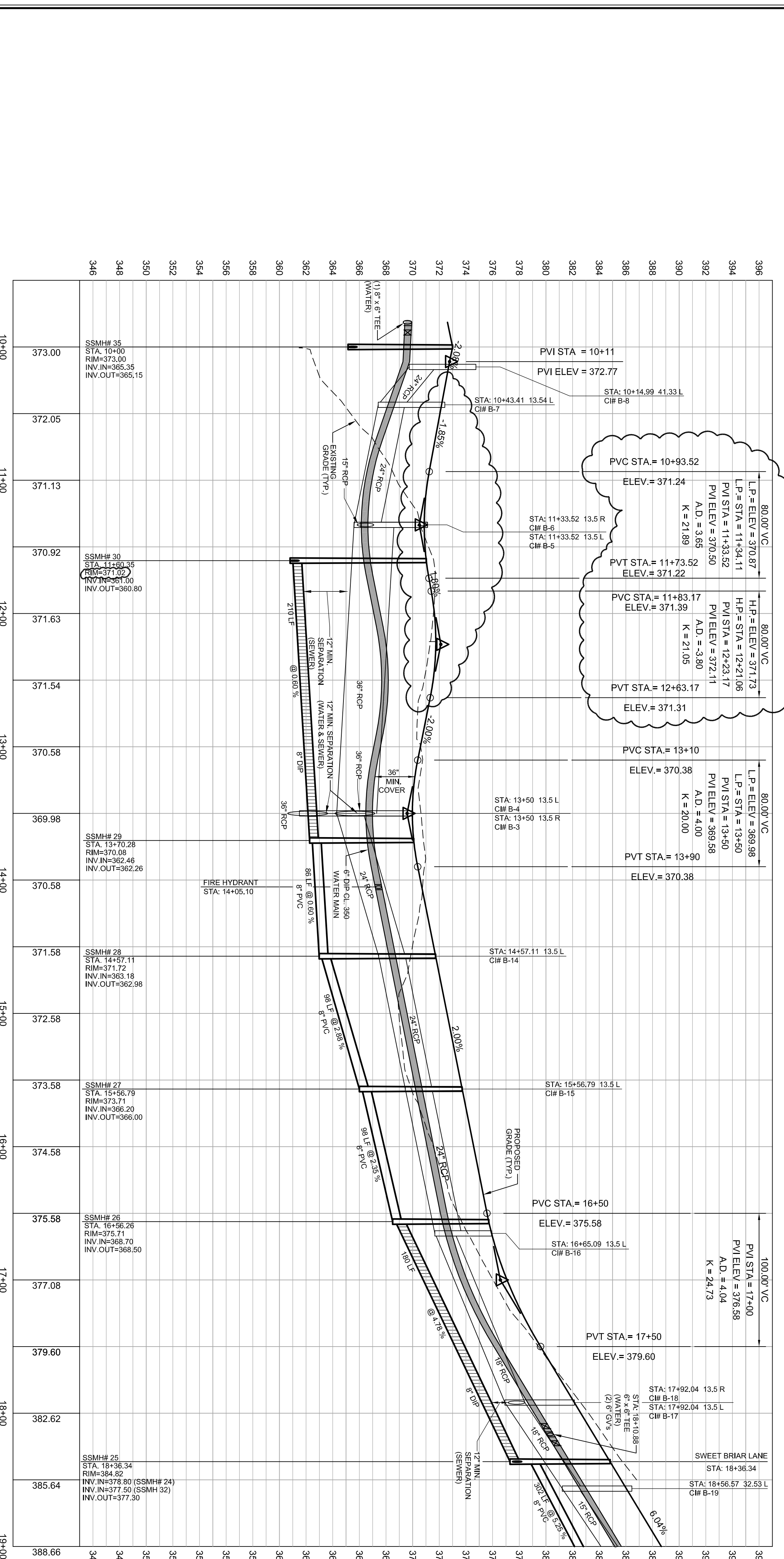
www.cegroupinc.com
License # C-1739

NO.	REVISIONS	DATE
2.	REVISED PER STORM DRAINAGE REV.	8/31/15
1.	REVISED PER AQUA NC REVIEW.	12/29/14



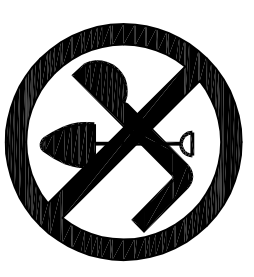
**STONE BRIDGE CROSSINGS
PLAN & PROFILE**

SCALE: 1"=50' H, 1"=5' V



MATCHLINE STA. 19+00
CONTINUE ON SHEET 11

**FINAL DESIGN
RELEASED
FOR CONSTRUCTION**



STOP!
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THE NC ONE CALL CENTER
1-800-652-4949
IT'S THE LAW!

GENERAL CONSTRUCTION NOTES

1. DESIGN UNDERGROUND STRUCTURES AND UTILITIES SPACING BASED ON FIELD SURVEYS AND BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS, INCLUDING THE EXISTING UTILITIES, BEFORE CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
2. THE CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE CALL AT 1-800-652-4949. THE CONTRACTOR SHALL CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
3. ALL WATER UTILITY CONSTRUCTION SHALL CONFORM TO THE CHATHAM COUNTY STANDARDS AND SPECIFICATIONS.
4. ALL SANITARY SEWER UTILITY CONSTRUCTION SHALL CONFORM TO LATEST ADOPTED NORTH CAROLINA STANDARDS AND SPECIFICATIONS.
5. RAIN PAVEMENT SHALL BE INSTALLED IN A FLOOD HAZARD AREA PER FEMA PANEL 3703. RAIN PAVEMENT SHALL BE INSTALLED IN A FLOOD HAZARD AREA PER FEMA PANEL 3703. RAIN PAVEMENT SHALL BE INSTALLED IN A FLOOD HAZARD AREA PER FEMA PANEL 3703.
6. ROAD PERSONNEL SHALL BE NOTIFIED 48 HOURS BEFORE CONSTRUCTION IS COVERED.
7. ALL WATER MAINS SHALL HAVE A MINIMUM OF 3/8" OF COVER AS MEASURED FROM FINISHED GRADE AT THE LOCATION WHERE INSTALLED.
8. ALL WATER MAINS SHALL BE OVER THE PRESSURE SEWER MAIN WITH A MINIMUM OF 18" SEPARATION.
9. ALL WATER MAINS AND FORCE MAINS CROSSINGS UNDER STORM DRAINAGE PIPING SHALL BE CONSTRUCTED WITH ONE (1) JOINT OF DUCTILE IRON PIPE CENTERED ON THE STORM PIPE CROSSING.
10. INSTREAM WORK SHALL BE PROHIBITED FROM MARCH 15 THROUGH JUNE 30 TO MINIMIZE IMPACTS TO SPAWNING FISH.
11. TOPOGRAPHIC INFORMATION PROVIDED BY CE GROUP, INC. RALEIGH, NC. PROFILE DATA FROM FIELD SURVEY BACKGROUND TOPOGRAPHY FROM AERIAL PHOTOGRAPHY.
12. DISTURBANCE IS LIMITED TO NO MORE THAN 15 AC OF GRADUAL SLOPED LAND AT ANY ONE TIME (0% - 4.99% SLOPE).
13. DISTURBANCE IS LIMITED TO NO MORE THAN 10 AC OF MODERATELY SLOPED LAND AT ANY ONE TIME (5% - 24.9% SLOPE).
14. WHERE GRAVITY SEWER LINES ARE BIP DUE TO VERTICAL SEPARATION HYDROSTATICALLY TESTED WITH WATER TO ENSURE JOINT TIGHTNESS.

**THE LEGACY
PHASE 4A
STONE BRIDGE CROSSINGS
STA. 10+00 - STA. 19+00**
CHATHAM COUNTY, NORTH CAROLINA

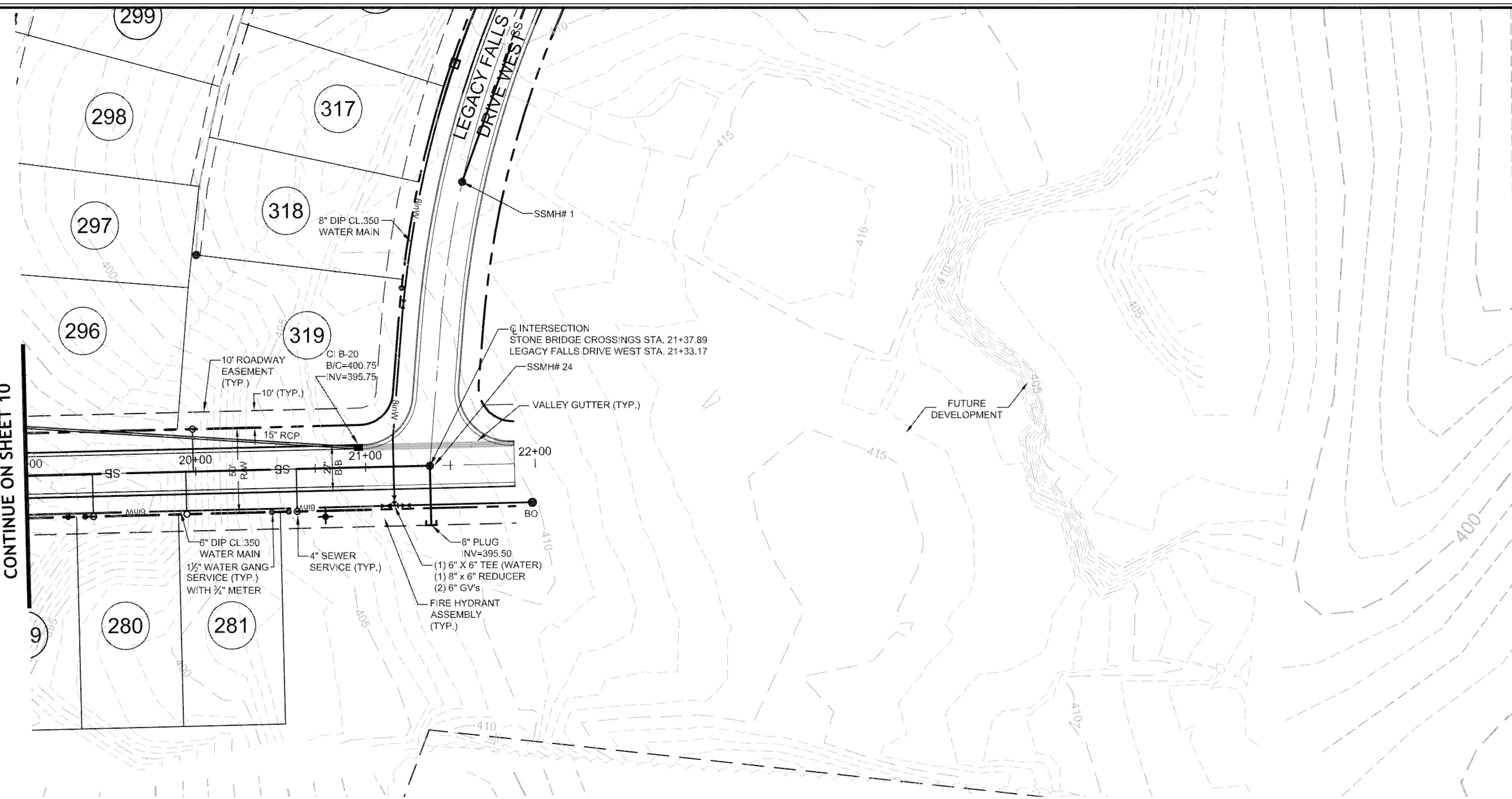


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License # C-1739

NO.	REVISIONS	DATE
3.	REVISED PER STORM DRAINAGE INFO.	10/05/15
2.	REVISED PER STORM DRAINAGE REV.	8/31/15
1.	REVISED PER AQUA NC REVIEW.	12/29/14

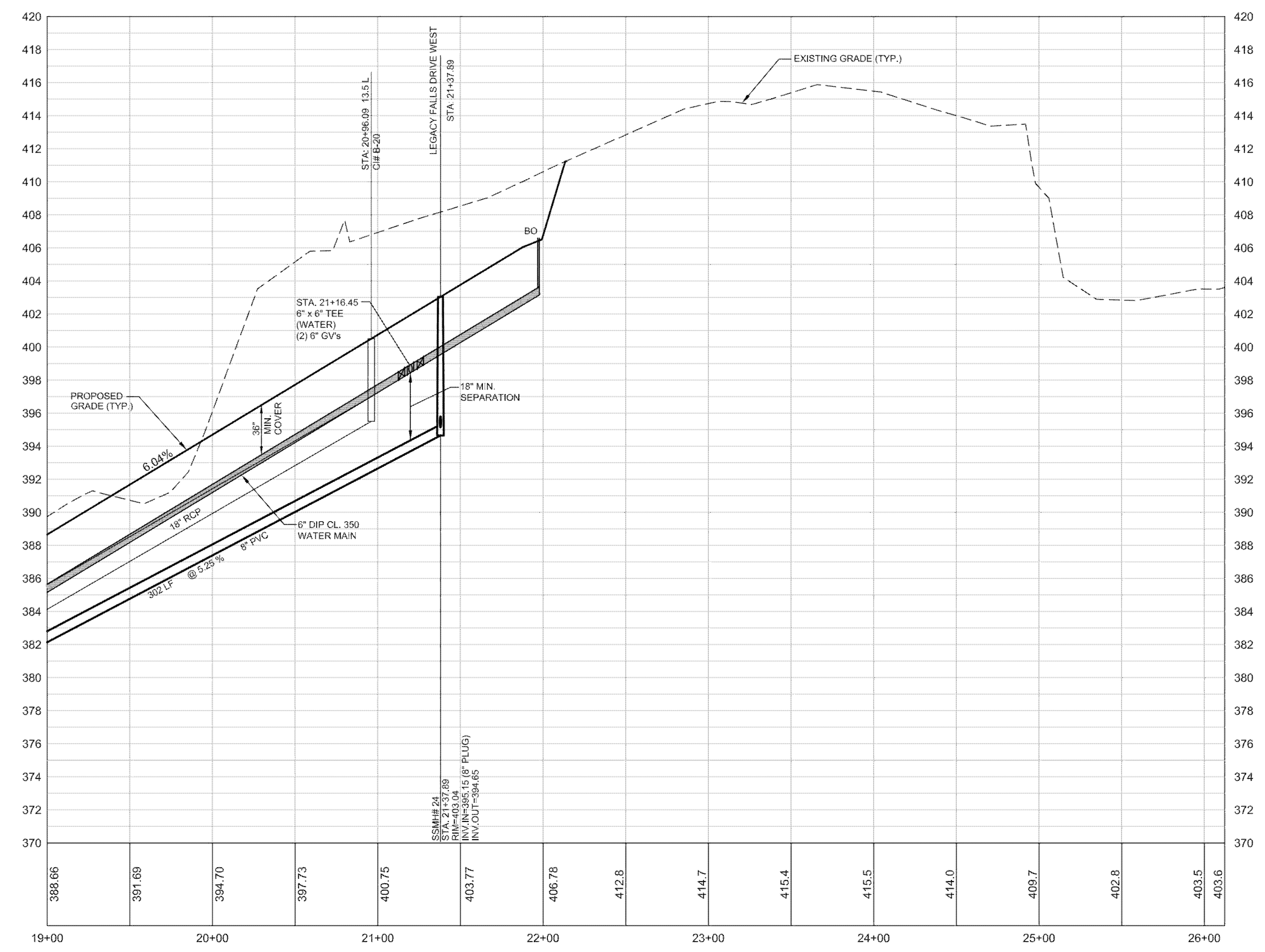
DATE: JULY, 2014
SCALE: 1"=50' (H) / 1"=5' (V)
DRAWN: JPD
CHECKED: MPA
PROJECT NO.: 330-04
CONTRACT Dwg. Name: STB04A.PW 10.R04E
SHEET NO.: 10
OF

MATCHLINE STA. 19+00
CONTINUE ON SHEET 10



**STONE BRIDGE CROSSINGS
PLAN & PROFILE**

SCALE: 1"=50' H, 1"=5' V



- GENERAL CONSTRUCTION NOTES**
- EXISTING UNDERGROUND STRUCTURES AND UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, PRIOR TO STARTING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - THE CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE CALL AT 1-800-632-4849. THE CONTRACTOR SHALL CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
 - ALL WATER UTILITY CONSTRUCTION SHALL CONFORM TO THE CHATHAM COUNTY STANDARDS AND SPECIFICATIONS.
 - ALL SANITARY SEWER UTILITY CONSTRUCTION SHALL CONFORM TO LATEST AQA OF NORTH CAROLINA STANDARDS AND SPECIFICATIONS.
 - THE SUBJECT PROPERTY IS LOCATED IN A FLOOD HAZARD AREA PER FEMA FIRM PANEL 9773, MAP NUMBER 3710977300, DATED 02/02/07, & FEMA FIRM PANEL 9782, MAP NUMBER 3710978200, DATED 02/02/07.
 - AQUA PERSONNEL SHALL BE NOTIFIED 48 HOURS BEFORE CONSTRUCTION IS TO BEGIN, ANY TESTING IS SCHEDULED, OR BEFORE ANY PIPE IS COVERED.
 - ALL WATER MAINS SHALL HAVE A MINIMUM OF 3' OF COVER AS MEASURED FROM FINISHED GRADE AT THE LOCATION WHERE INSTALLED.
 - ALL WATER MAINS SHALL BE OVER THE PRESSURE SEWER MAIN WITH A MINIMUM OF 18" SEPARATION.
 - ALL WATER MAINS AND FORCE MAINS CROSSING UNDER STORM DRAINAGE PIPING SHALL BE CONSTRUCTED WITH ONE (1) JOINT OF DUCTILE IRON PIPE CENTERED ON THE STORM PIPE CROSSING.
 - INSTREAM WORK SHALL BE PROHIBITED FROM MARCH 15 THROUGH JUNE 30 TO MINIMIZE IMPACTS TO SPAWNING FISH.
 - TOPOGRAPHIC INFORMATION PROVIDED BY CE GROUP, INC. RALEIGH, NC. PROFILE DATA FROM FIELD SURVEY BACKGROUND TOPOGRAPHY FROM AERIAL MAPPING.
 - DISTURBANCE IS LIMITED TO NO MORE THAN 15 AC OF GRADUAL SLOPED LAND AT ANY ONE TIME (0 - 14.9% SLOPE).
 - DISTURBANCE IS LIMITED TO NO MORE THAN 10 AC OF MODERATELY SLOPED LAND AT ANY ONE TIME (15 - 24.9% SLOPE).
 - WHERE GRAVITY SEWER LINES ARE DIP DUE TO VERTICAL SEPARATION REQUIREMENTS, THE DIP GRAVITY SEWER LINE SEGMENTS SHALL BE HYDROSTATICALLY TESTED WITH WATER TO ENSURE JOINT TIGHTNESS.

NO.	REVISIONS	DATE
1.		12/29/14

CE GROUP

301 GLENWOOD AVE. 220
RALEIGH, NC 27603
PHONE: 919-367-8790
FAX: 919-322-0032

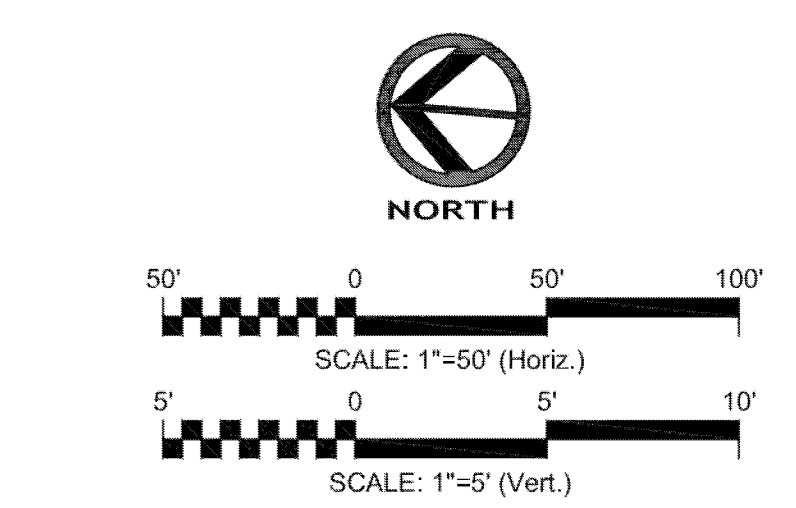
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12/29/14
SEAL
HPO
ASHING

**THE LEGACY
PHASE 4A
STONE BRIDGE CROSSINGS
STA. 10+00 - STA. 26+12.22**

CHATHAM COUNTY, NORTH CAROLINA



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**FINAL DESIGN
RELEASED
FOR CONSTRUCTION**

Date:	JULY, 2014
Scale:	1"=50' (H) / 1"=5' (V)
Drawn:	JPD
Checked:	MPA
Project No.:	330-04
Computer Dig. Name:	330-04 PhA 11 Road-E

Sheet No:
11
Of ___