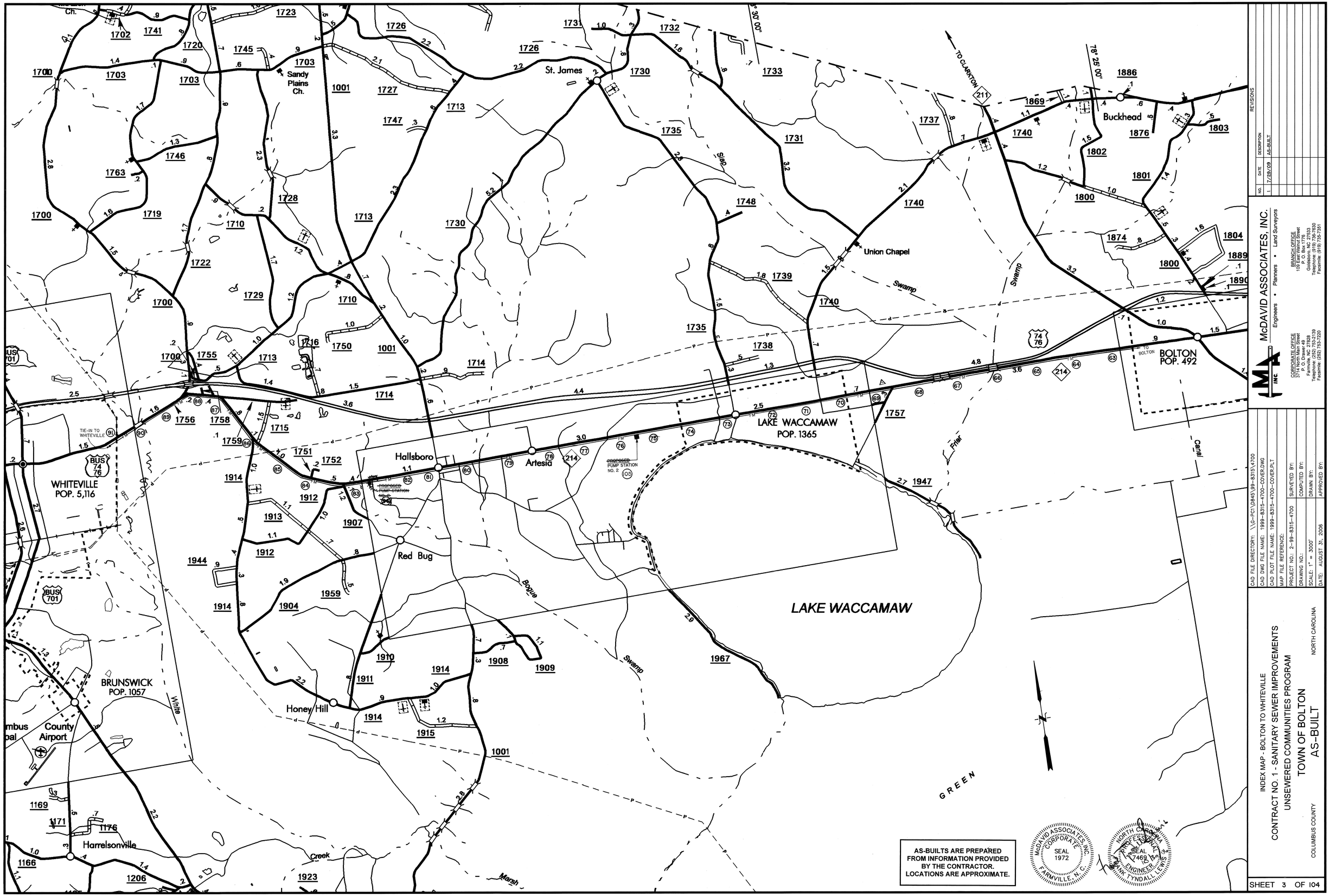


AS-BUILTS ARE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR. LOCATIONS ARE APPROXIMATE.

NO.	DATE	DESCRIPTION
1	7/29/09	AS-BUILT

REVISIONS

McDAVID ASSOCIATES, INC.
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Telephone: (919) 736-7630
Facsimile: (919) 735-7351

CAD FILE DIRECTORY:	\\G-PC1\D845\99-8315\4700
CAD DWG FILE NAME:	1999-8315-4700-COVER.DWG
CAD PLOT FILE NAME:	1999-8315-4700-COVER.PLT
MAP FILE REFERENCE:	
PROJECT NO.:	2-99-8315-4700
DRAWING NO.:	
SCALE:	1" = 3000'
DATE:	AUGUST 31, 2006
SURVEYED BY:	
COMPUTED BY:	
DRAWN BY:	
APPROVED BY:	

INDEX MAP - BOLTON TO WHITEVILLE
CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS
UNSEWERED COMMUNITIES PROGRAM
TOWN OF BOLTON
AS-BUILT
COLUMBUS COUNTY NORTH CAROLINA

SEAL 1972 — McDAVID ASSOCIATES, INC. CORPORATE SEAL FARMVILLE, N.C.

SEAL 7468 — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL — ENGINEER TYNDALL LEWIS

SHEET 3 OF 104

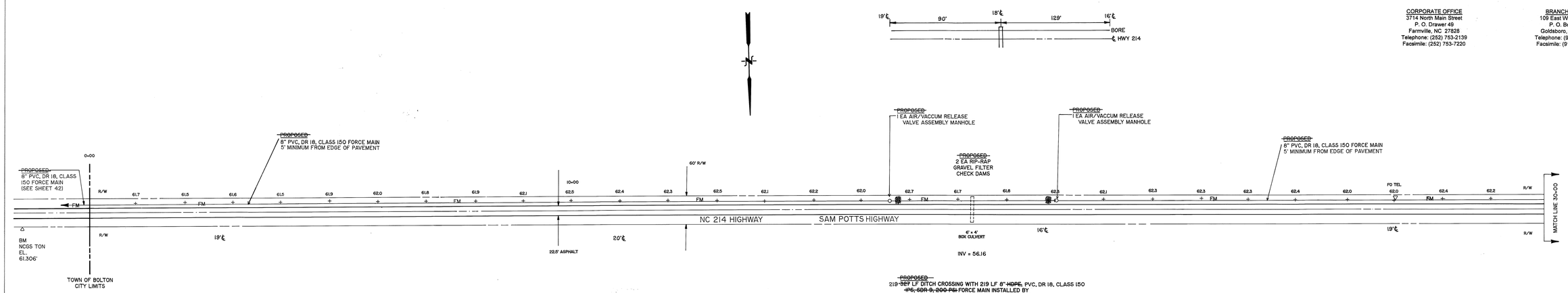
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Layout: Index Map
Plotted: Wednesday, November 1, 2006, 8:57:38am

McDAVID ASSOCIATES, INC.
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PLAN
SURVEYED
PLOTTED
FIELD BOOK CHECKED
R. M.'s NOTED
NOTE BOOK
No.
ALIGNMENT CHECKED
RT. OF WAY CHECKED
STRUCTURE NOTATIONS CHECKED
BY
DATE



PROPOSED
219 ~~197~~ LF DITCH CROSSING WITH 219 LF 8" ~~HDPE~~, PVC, DR 18, CLASS 150 ~~IPS, SDR 9, 200 PSI~~ FORCE MAIN INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING ~~AND 108 LF 8" DIP, CLASS 350, MJ FORCE MAIN WITH GRIP RINGS INSTALLED VIA OPEN CUT~~

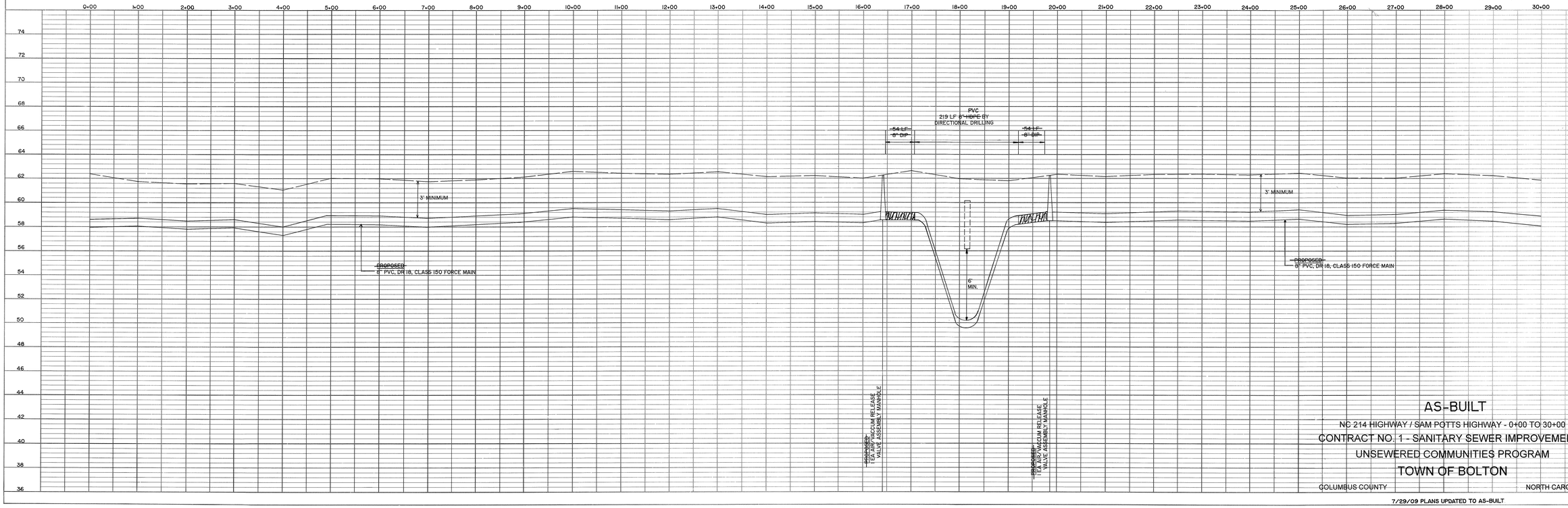
SCALE:
HORIZONTAL 1" = 100'
VERTICAL 1" = 4'

AS-BUILTS ARE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR. LOCATIONS ARE APPROXIMATE.

McDAVID ASSOCIATES, INC. CORPORATE SEAL 1972 FARMVILLE, N.C.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 27468 TYNDALL LEWIS

PROFILE
SURVEYED
PLOTTED
FIELD BOOK CHECKED
R. M.'s NOTED
NOTE BOOK
No.
STRUCTURE NOTATIONS CHECKED
BY
DATE



AS-BUILT

NC 214 HIGHWAY / SAM POTTS HIGHWAY - 0+00 TO 30+00

CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS

UNSEWERED COMMUNITIES PROGRAM

TOWN OF BOLTON

COLUMBUS COUNTY NORTH CAROLINA

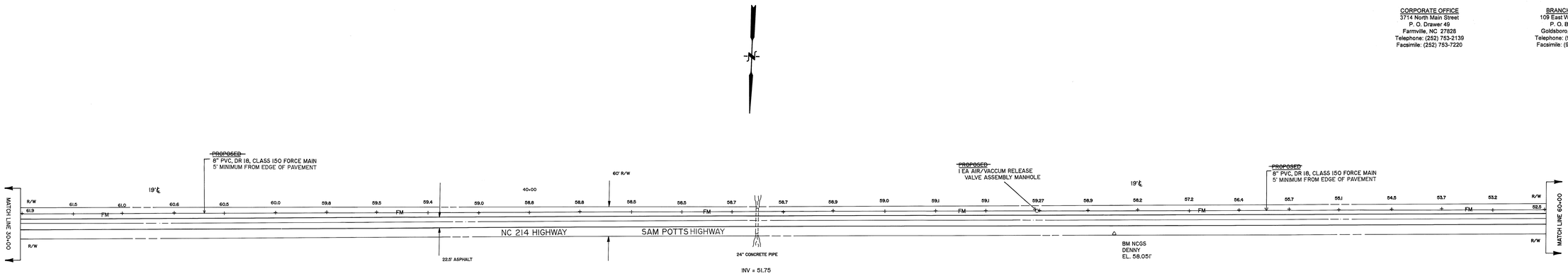
7/29/09 PLANS UPDATED TO AS-BUILT

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PLAN
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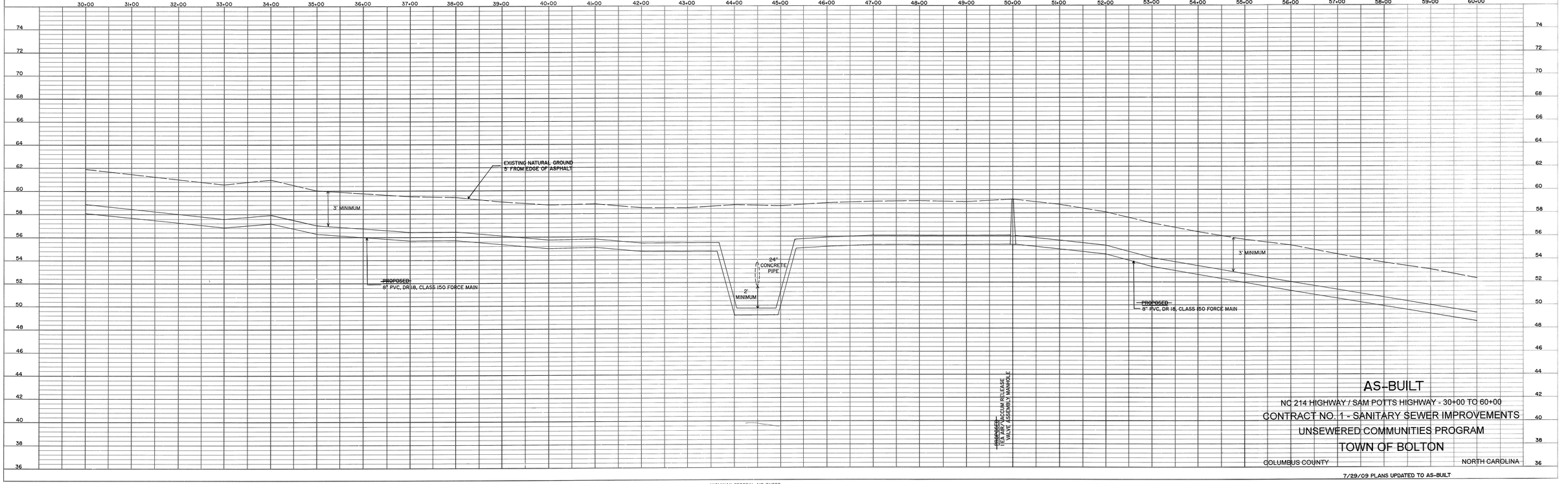
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HORIZONTAL = 1" = 100'
VERTICAL = 1" = 4'

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McDAVID ASSOCIATES, INC. CORPORATE SEAL 1972 FARMVILLE, N. C.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 7468 LEWIS WAYNE TYNDALL LEWIS

PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
CHECKED
B. M.'s NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE



AS-BUILT

NC 214 HIGHWAY / SAM POTTS HIGHWAY - 30+00 TO 60+00

CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS

UNSEWERED COMMUNITIES PROGRAM

TOWN OF BOLTON

COLUMBUS COUNTY NORTH CAROLINA

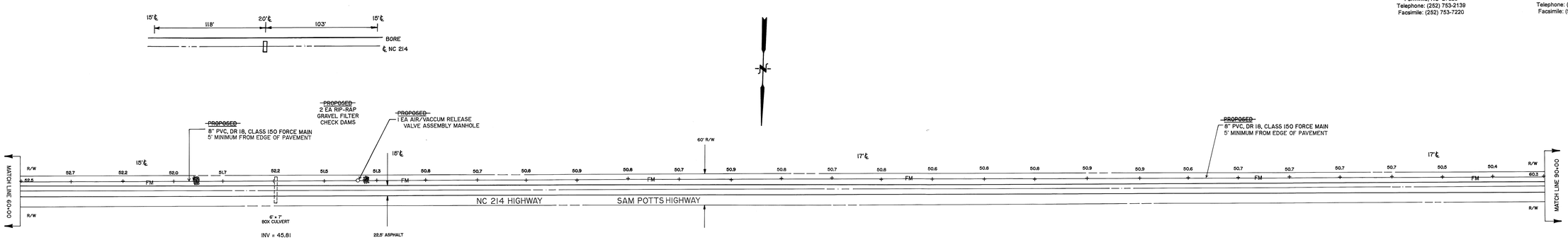
7/29/09 PLANS UPDATED TO AS-BUILT

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PLAN
NOTE BOOK
No.
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PLOTTED
LAYOUT CHECKED
R/W CHECKED
BY
DATE



PROPOSED
221 ~~325~~ LF DITCH CROSSING WITH 221 LF 8" ~~HDPE~~ PVC, DR 18, CLASS 150
~~IPS, SDR 9, 200 PSI~~ FORCE MAIN INSTALLED BY
HORIZONTAL DIRECTIONAL DRILLING ~~AND 108 LF 8" DIP, CLASS 350, MJ FORCE MAIN WITH GRIP RINGS INSTALLED VIA OPEN CUT.~~

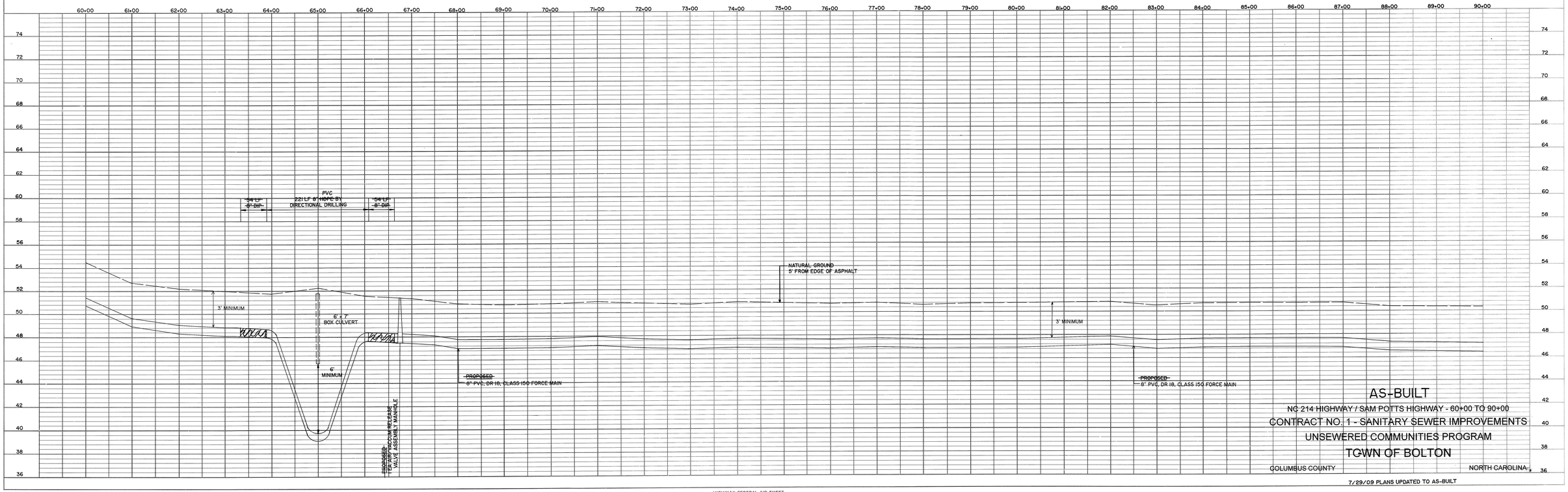
SCALE:
HORIZONTAL = 1" = 100'
VERTICAL = 1" = 4'

AS-BUILTS ARE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR. LOCATIONS ARE APPROXIMATE.

McDAVID ASSOCIATES, INC. CORPORATE SEAL 1972 FARMVILLE, N. C.

NORTH CAROLINA PROFESSIONAL SEAL 7469 ENGINEER KYLE TYNDALL LEWIS

PROFILE
NOTE BOOK
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GRID CHECKED
R/W CHECKED
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AS-BUILT

NC 214 HIGHWAY / SAM POTTS HIGHWAY - 60+00 TO 90+00

CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS

UNSEWERED COMMUNITIES PROGRAM

TOWN OF BOLTON

COLUMBUS COUNTY NORTH CAROLINA

7/29/09 PLANS UPDATED TO AS-BUILT

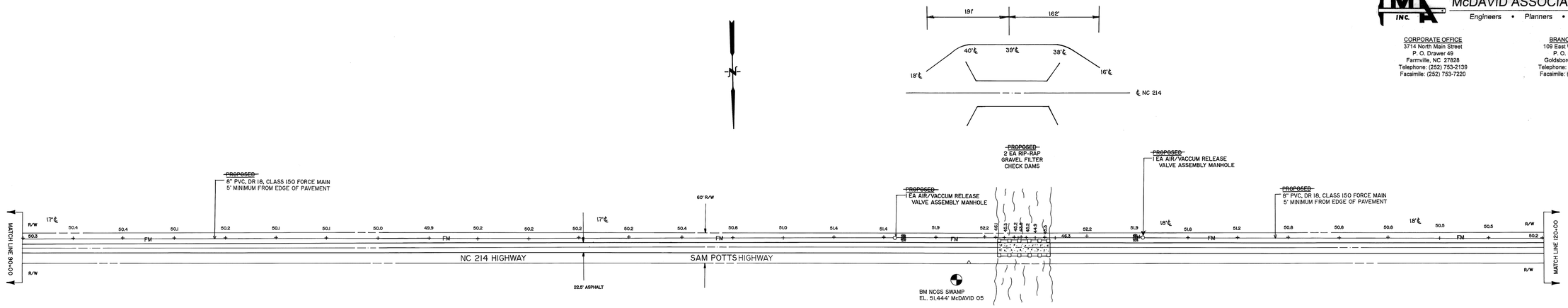
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PLAN
NOTE BOOK
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PLOTTED
GRADES CHECKED
R. /A.'s NOTED
ST. OF WAY CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R. /A.'s NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE



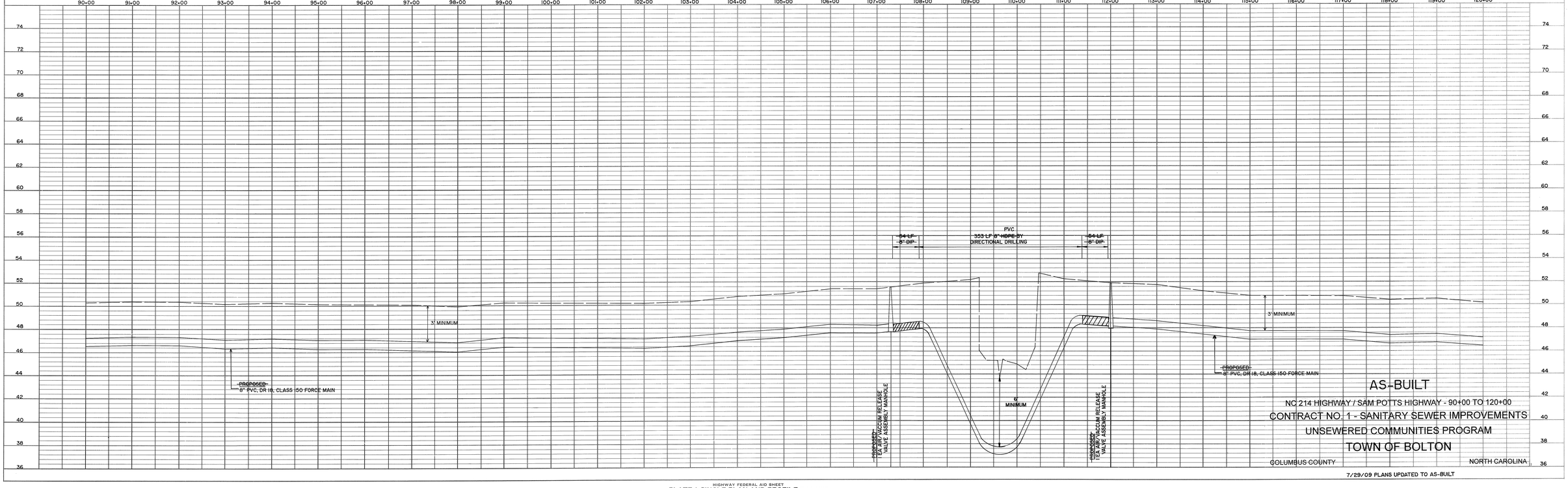
~~PROPOSED~~
353 ~~46~~ LF DITCH CROSSING WITH 353 LF 8" PVC, DR 18, CLASS 150
~~8" HDPE, IPS, SDR 9, 200 PSI~~ FORCE MAIN
INSTALLED BY HORIZONTAL DIRECTIONAL
DRILLING ~~AND 108 LF 8" DIP, CLASS 350,~~
~~MJ FORCE MAIN WITH GRIP RINGS INSTALLED~~
~~VIA OPEN CUT~~

SCALE:
HORIZONTAL = 1" = 100'
VERTICAL = 1" = 4'

AS-BUILTS ARE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR. LOCATIONS ARE APPROXIMATE.

McDAVID ASSOCIATES, INC. CORPORATE SEAL 1972 FARMVILLE, N. C.

NORTH CAROLINA PROFESSIONAL SEAL 21469 ENGINEER FRANK TYNDALL LEWIS



AS-BUILT

NC 214 HIGHWAY / SAM POTTS HIGHWAY - 90+00 TO 120+00
CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS
UNSEWERED COMMUNITIES PROGRAM
TOWN OF BOLTON
COLUMBUS COUNTY NORTH CAROLINA

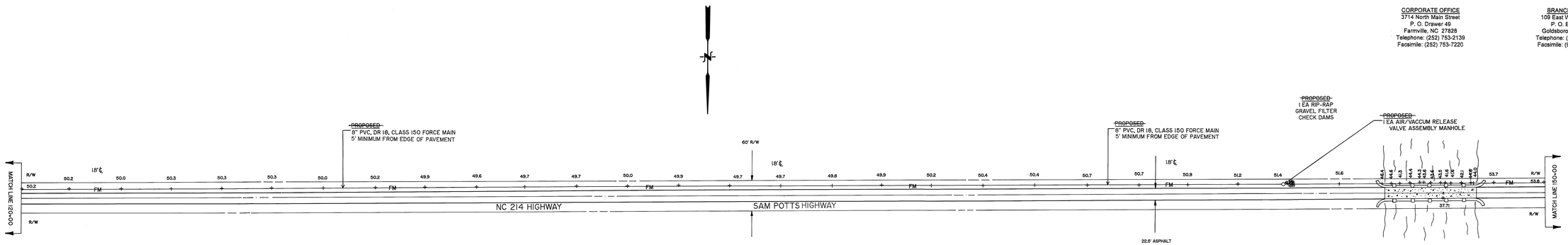
7/29/09 PLANS UPDATED TO AS-BUILT

McDAVID ASSOCIATES, INC.
Engineers • Planners • Land Surveyors

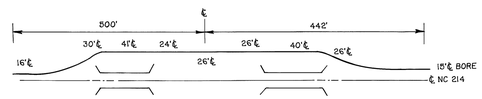
CORPORATE OFFICE
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BRANCH OFFICE
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Goldsboro, NC 27533
Telephone: (919) 736-7830
Facsimile: (919) 735-7351

PLAN
NOTE BOOK
No.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE



PROPOSED
942 ~~1050~~ LF DITCH CROSSING WITH 942 LF 8" ~~HDPE,~~ PVC, DR 8, CLASS 150 ~~IPS, SDR 9, 200 PSI~~ FORCE MAIN INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING ~~AND 108 LF 8" DIP, CLASS 350, MJ FORCE MAIN WITH GRIP RINGS INSTALLED VIA OPEN CUT.~~



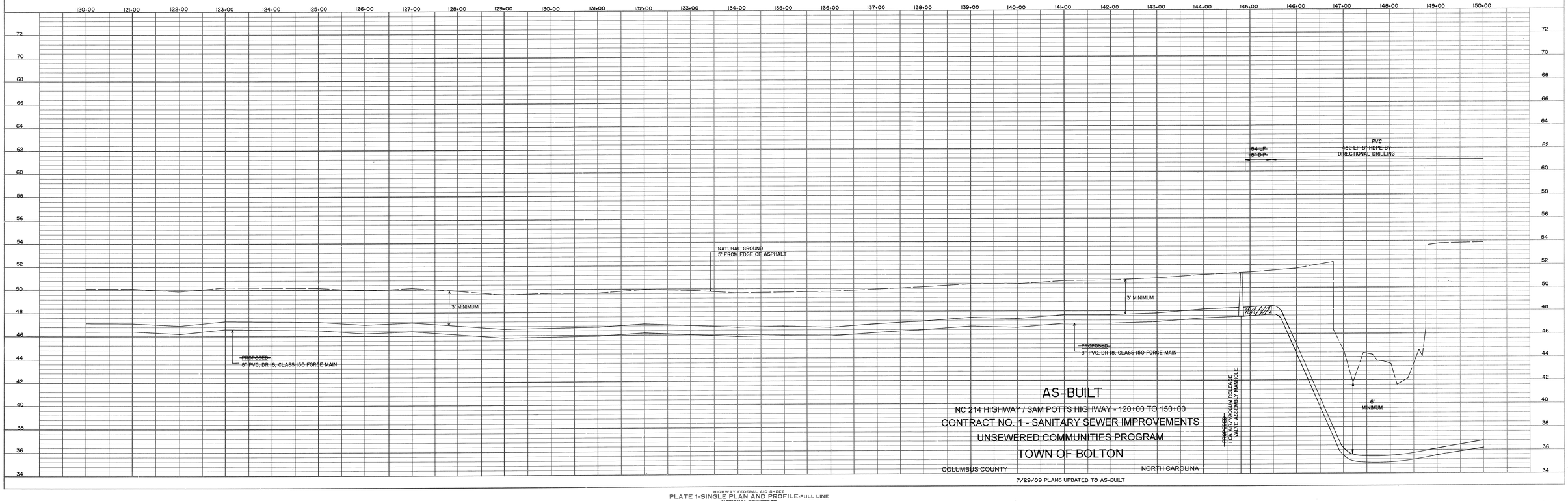
SCALE:
HORIZONTAL = 1" = 100'
VERTICAL = 1" = 4'

AS-BUILTS ARE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR. LOCATIONS ARE APPROXIMATE.

McDAVID ASSOCIATES, INC. CORPORATE SEAL 1972 FARMVILLE, N. C.

NORTH CAROLINA PROFESSIONAL SEAL 24690 ENGINEER TYNDALL, LEWIS W.

PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
GRADES CHECKED
R. A.'s NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE



AS-BUILT

NC 214 HIGHWAY / SAM POTTS HIGHWAY - 120+00 TO 150+00

CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS

UNSEWERED COMMUNITIES PROGRAM

TOWN OF BOLTON

COLUMBUS COUNTY NORTH CAROLINA

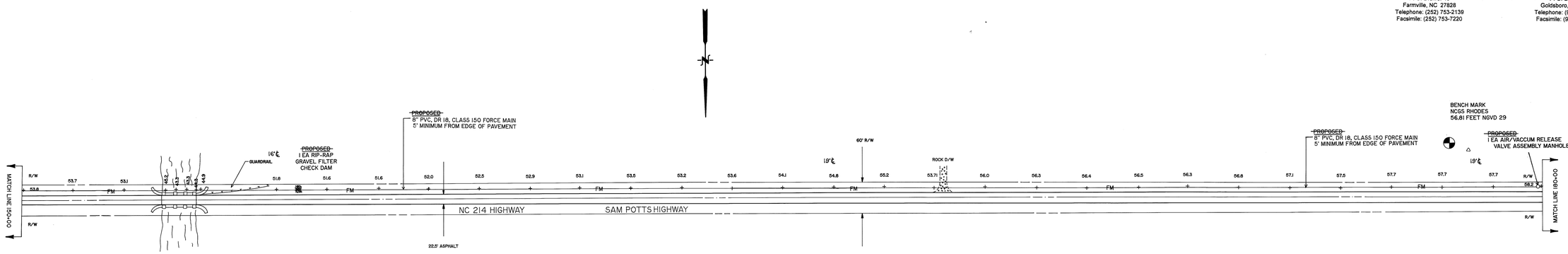
7/29/09 PLANS UPDATED TO AS-BUILT

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PLAN
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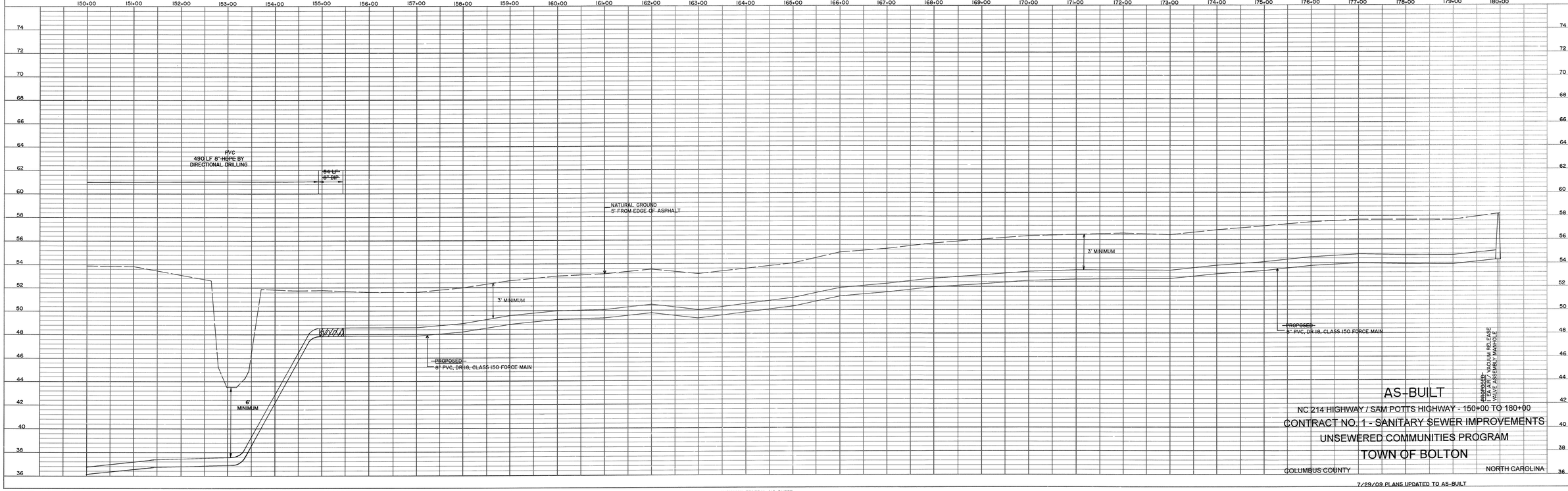
SCALE:
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VERTICAL = 1" = 4'

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McDAVID ASSOCIATES, INC. CORPORATE SEAL 1972 FARMVILLE, N. C.

NORTH CAROLINA PROFESSIONAL SEAL 7469 ENGINEER TYNDALL LEWIS

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTATIONS CHECKED
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AS-BUILT

NC 214 HIGHWAY / SAM POTTS HIGHWAY - 150+00 TO 180+00

CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS

UNSEWERED COMMUNITIES PROGRAM

TOWN OF BOLTON

COLUMBUS COUNTY NORTH CAROLINA

7/29/09 PLANS UPDATED TO AS-BUILT

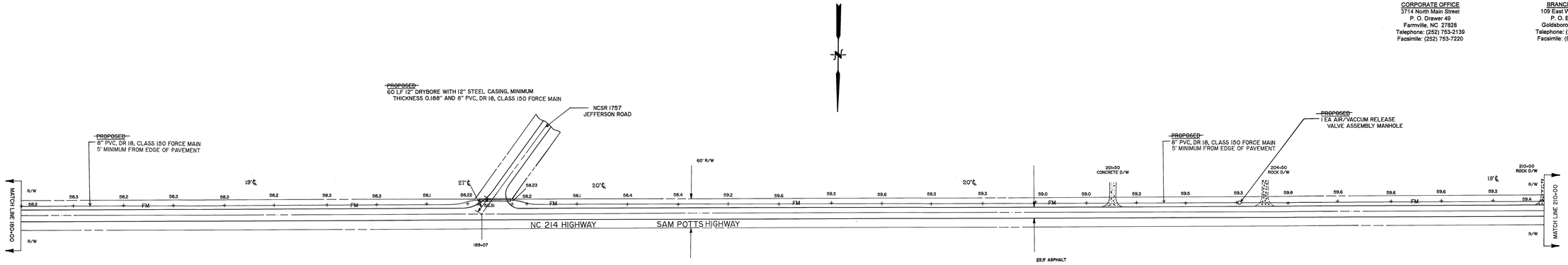
HIGHWAY FEDERAL AID SHEET
PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
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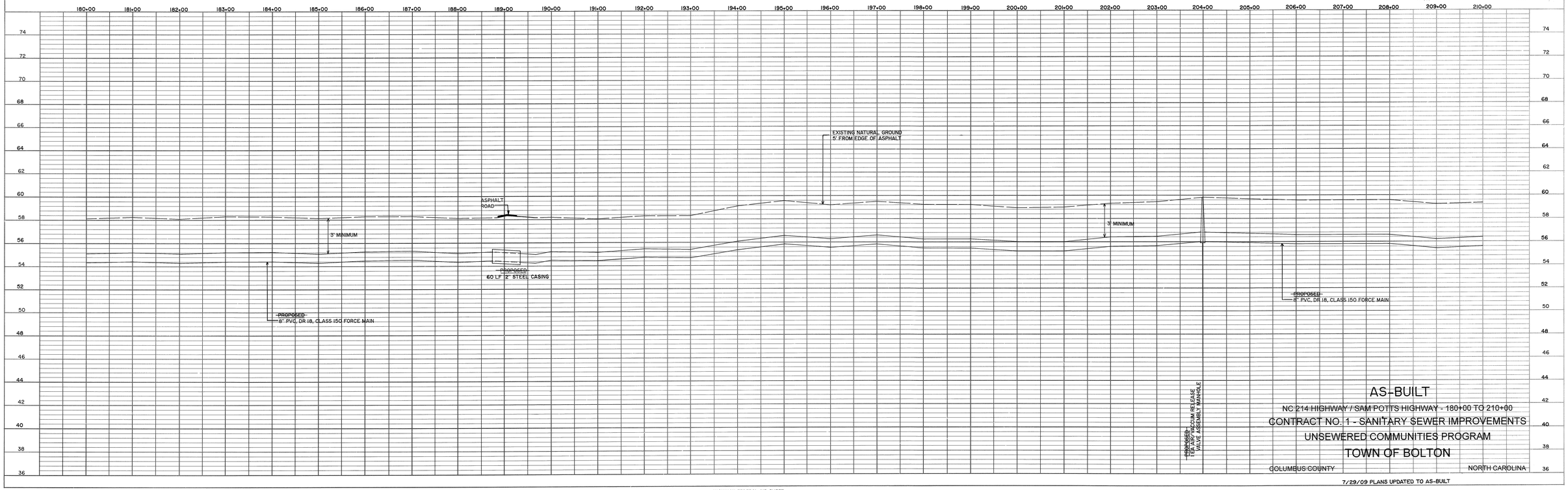
SCALE:
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VERTICAL = 1" = 4'

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McDAVID ASSOCIATES, INC. CORPORATE SEAL 1972 FARMVILLE, N.C.

NORTH CAROLINA PROFESSIONAL SEAL 7469 ENGINEER TYNDALL LEWIS

PROFILE
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AS-BUILT

NC 214 HIGHWAY / SAM POTTS HIGHWAY - 180+00 TO 210+00

CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS

UNSEWERED COMMUNITIES PROGRAM

TOWN OF BOLTON

COLUMBUS COUNTY NORTH CAROLINA

7/29/09 PLANS UPDATED TO AS-BUILT

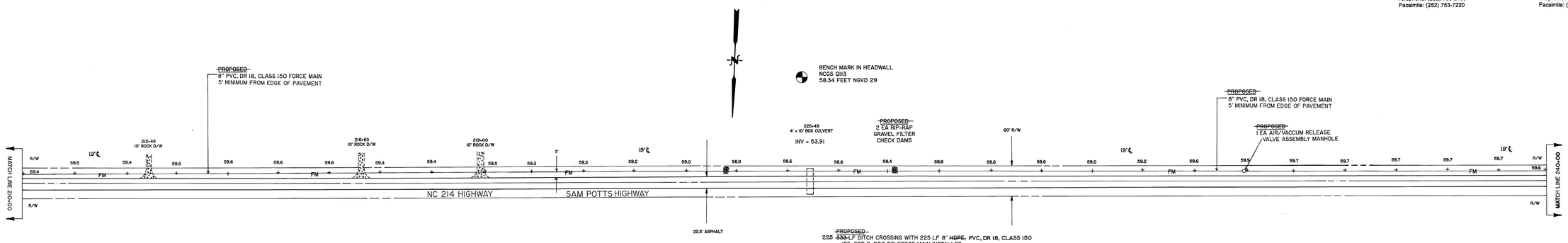
HIGHWAY FEDERAL AID SHEET
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PLOTTED
ALIGNMENT CHECKED
R/W OR WAY CHECKED
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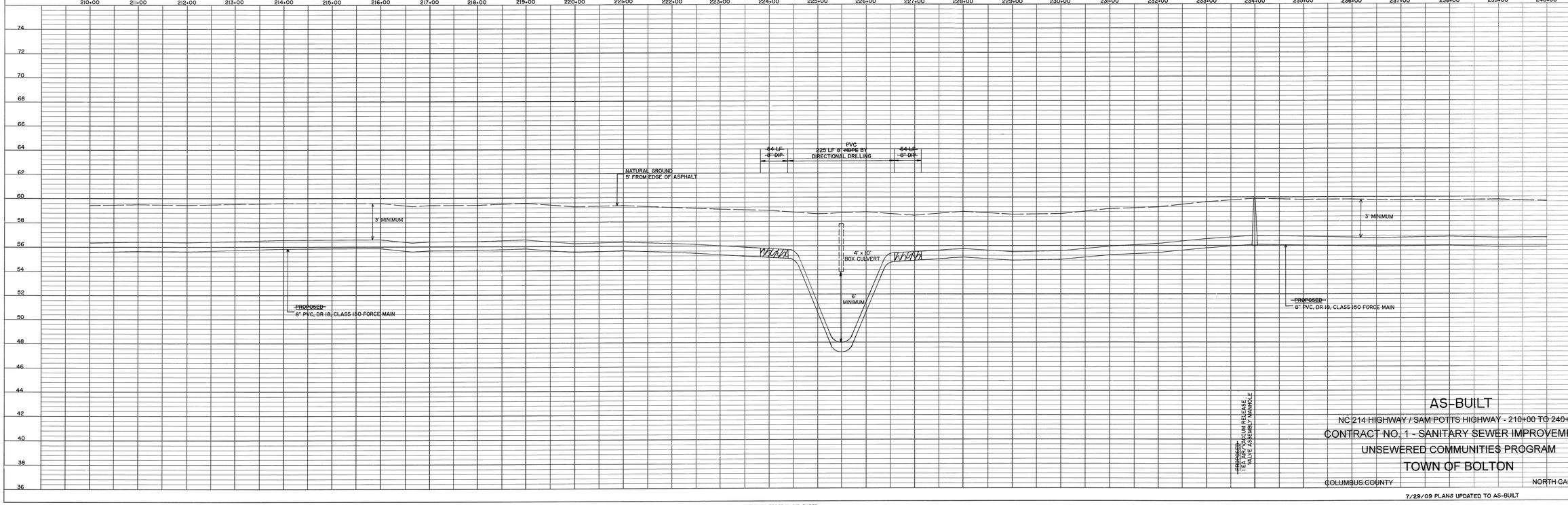
SCALE:
HORIZONTAL = 1" = 100'
VERTICAL = 1" = 4'

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McDAVID ASSOCIATES, INC. CORPORATE SEAL 1972 FARMVILLE, N.C.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 7459 TIMOTHY LYNDALL LEWIS

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTATIONS CHECKED
NOTE BOOK
No.
BY
DATE



AS-BUILT

NC 214 HIGHWAY / SAM POTTS HIGHWAY - 210+00 TO 240+00

CONTRACT NO. 1 - SANITARY SEWER IMPROVEMENTS

UNSEWERED COMMUNITIES PROGRAM

TOWN OF BOLTON

COLUMBUS COUNTY — NORTH CAROLINA

7/29/09 PLANS UPDATED TO AS-BUILT