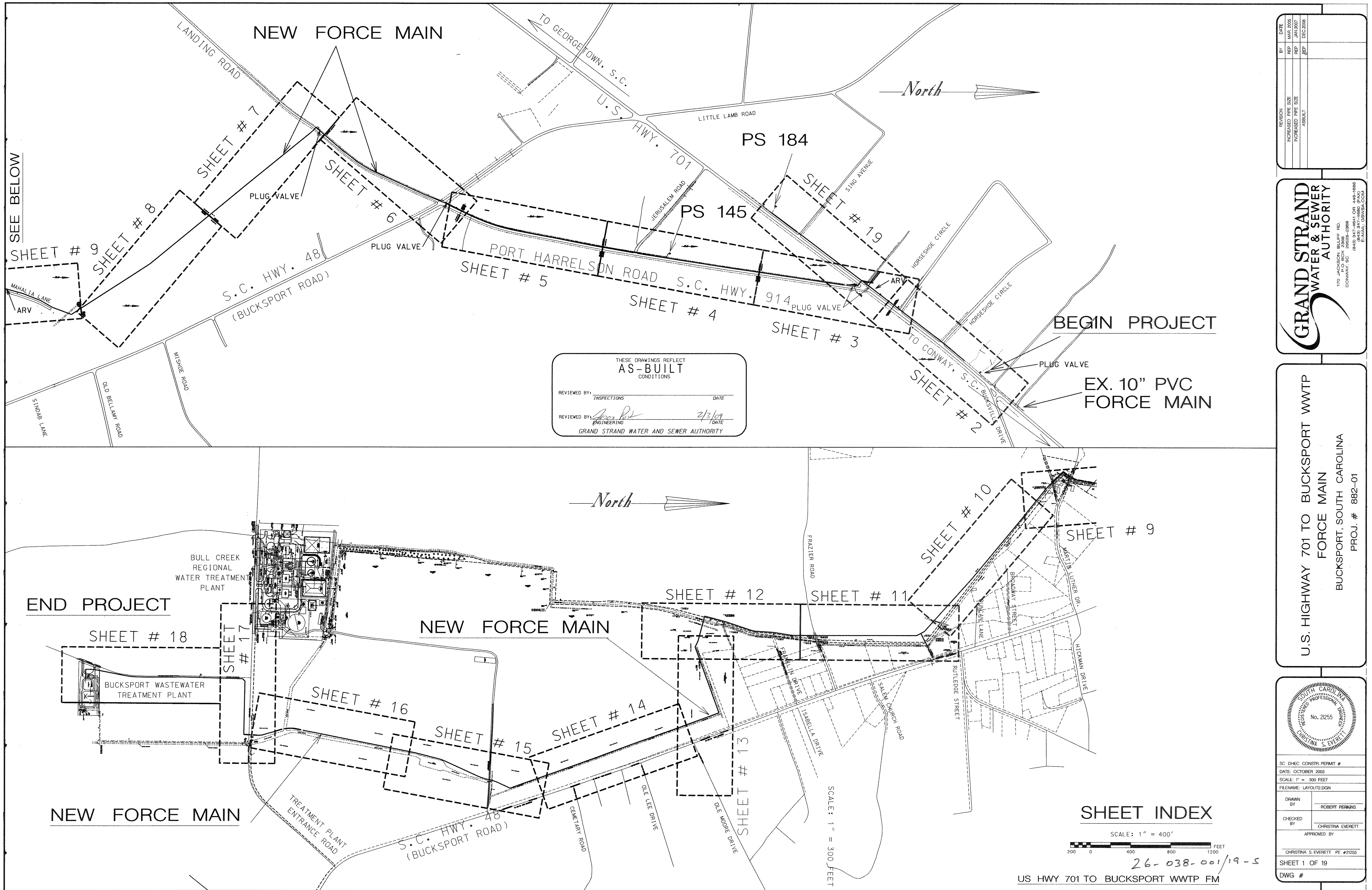




REVISION	DATE
BY	REP
INCREASED PIPE SIZE	INCREASED PIPE SIZE
ASBUILT	ASBUILT

GRAND STRAND
WATER & SEWER
AUTHORITY

170 JACKSON BLUFF RD.
CONWAY, SC 29524
(843) 347-4641 OR 448-1686
FAX (843) 347-4680
E-MAIL: GSA@GSA.COM

U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

SC DHEC CONSTR. PERMIT #
DATE: OCTOBER 2003
SCALE: 1" = 500 FEET
FILENAME: LAYOUT2.DGN

DRAWN BY	ROBERT PERKINS
CHECKED BY	CHRISTINA EVERETT
APPROVED BY	

CHRISTINA S. EVERETT PE #21255
SHEET 1 OF 19
DWG. #

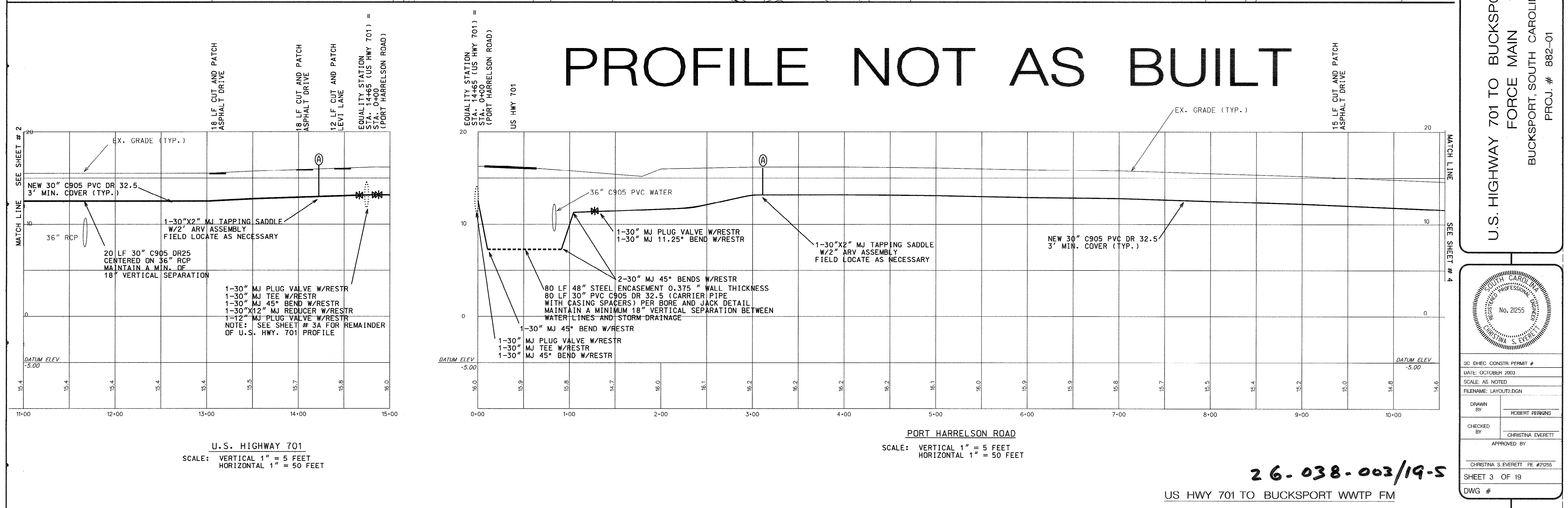
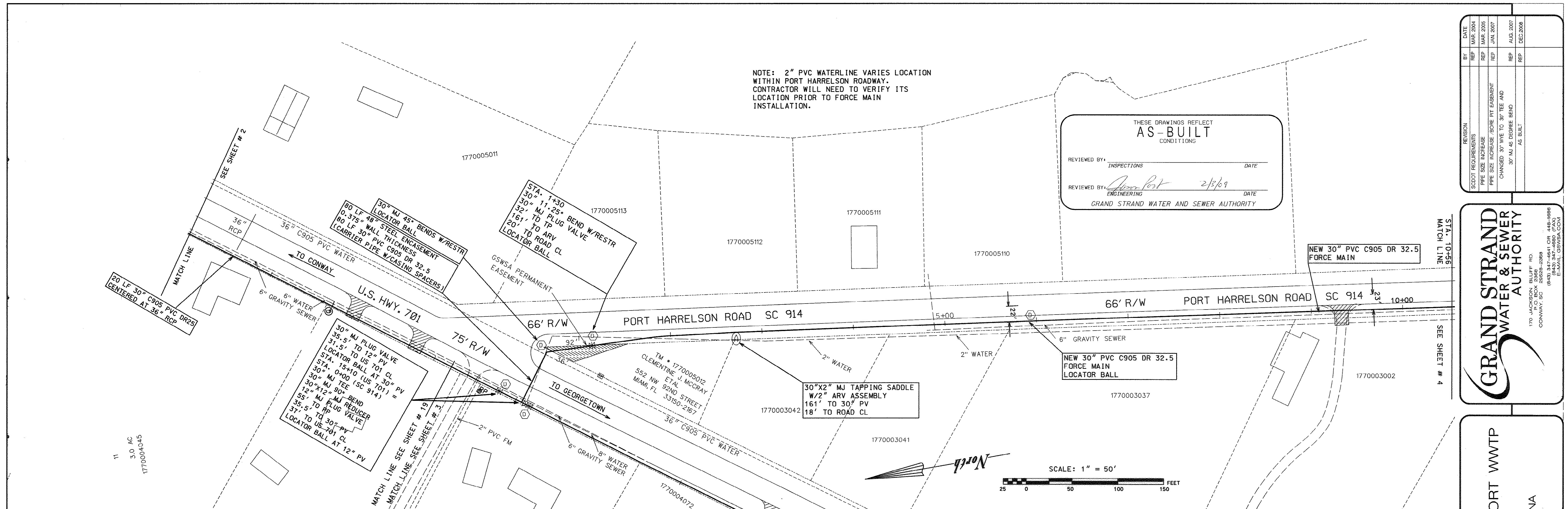
SHEET INDEX

SCALE: 1" = 400'

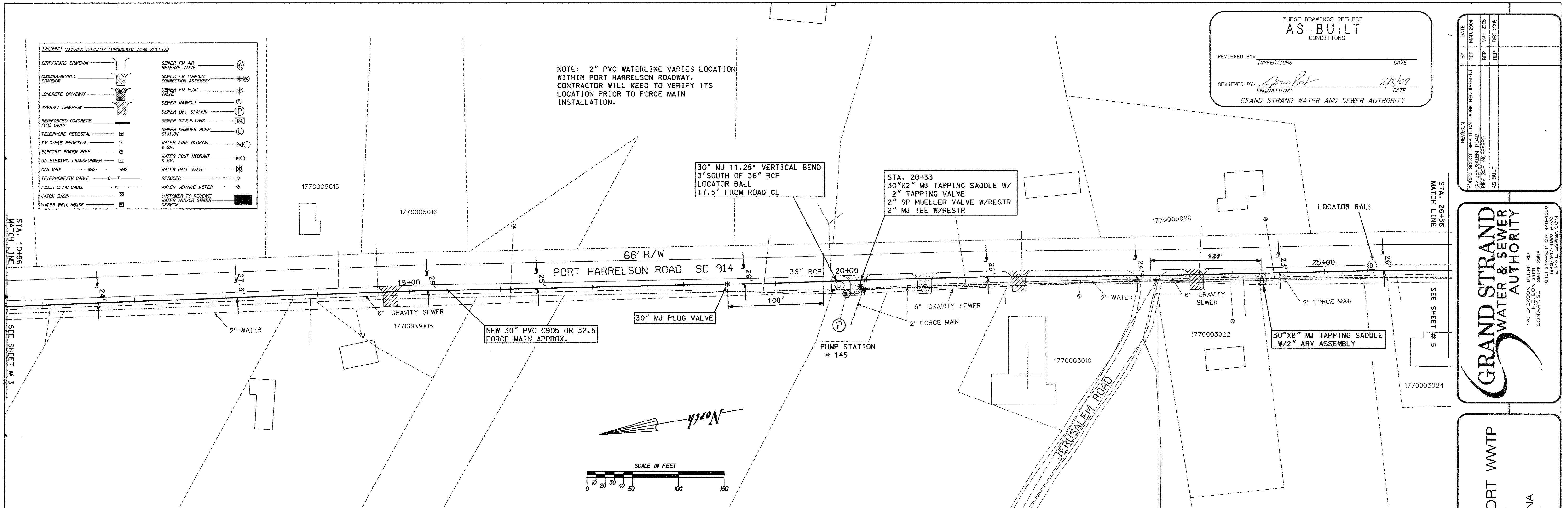
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26-038-001/19-S

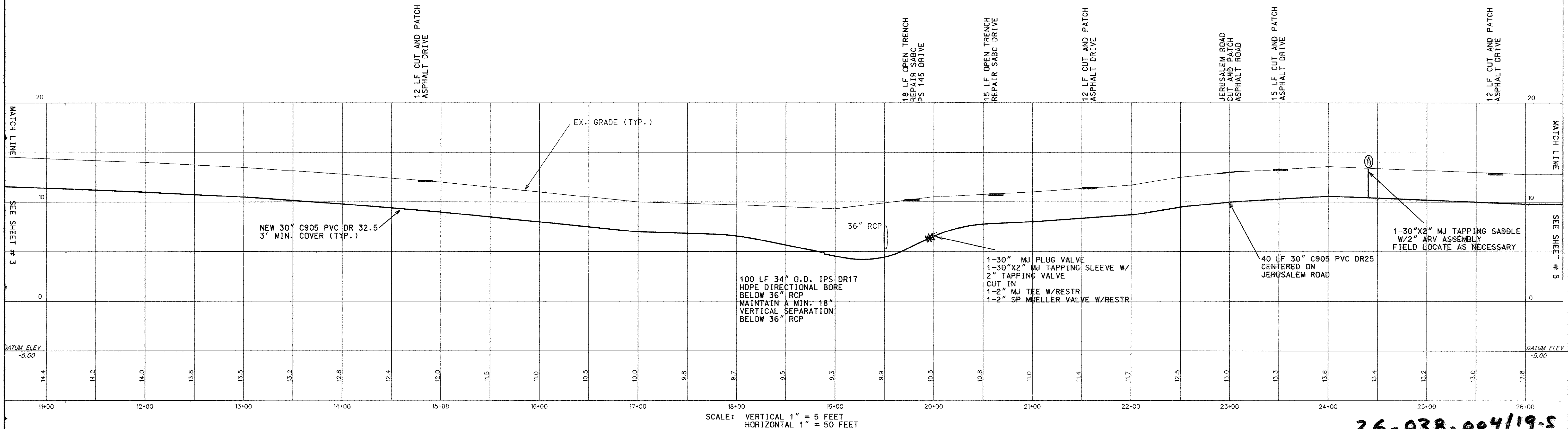
US HWY 701 TO BUCKSPORT WWTP FM



26-038-003/19-5
US HWY 701 TO BUCKSPORT WWTP FM



PROFILE NOT AS BUILT



US HWY 701 TO BUCKSPORT WWTP FM

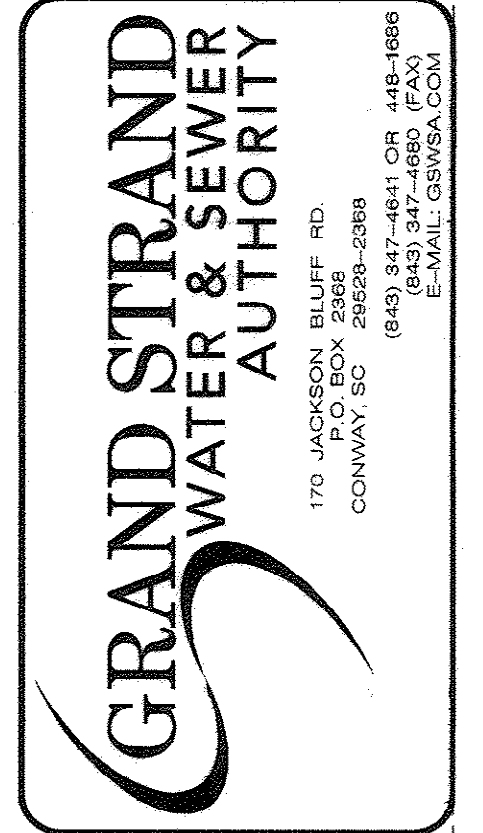
THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: _____ DATE: _____
INSPECTIONS

REVIEWED BY: *Robert Perrins* DATE: *2/8/09*
ENGINEERING

GRAND STRAND WATER AND SEWER AUTHORITY

DATE	BY	REVISION
MAY 2004	REF	AS BUILT
MAR 2005	REF	PIPE SIZE INCREASED
DEC 2008	REF	AS BUILT

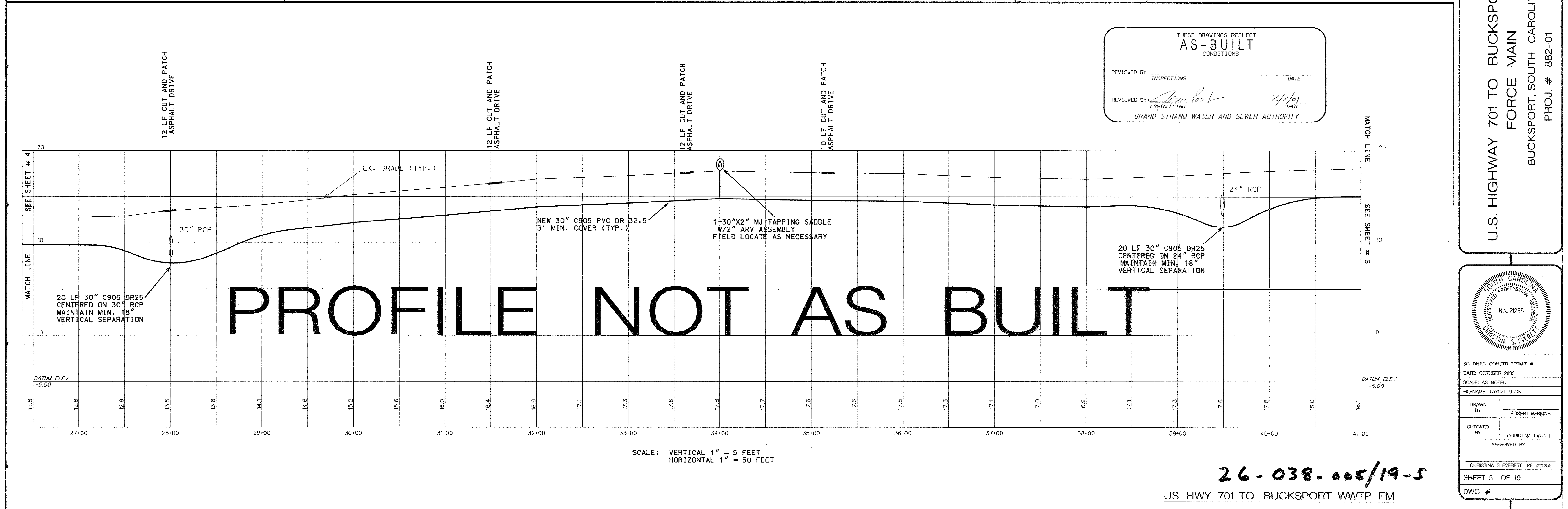
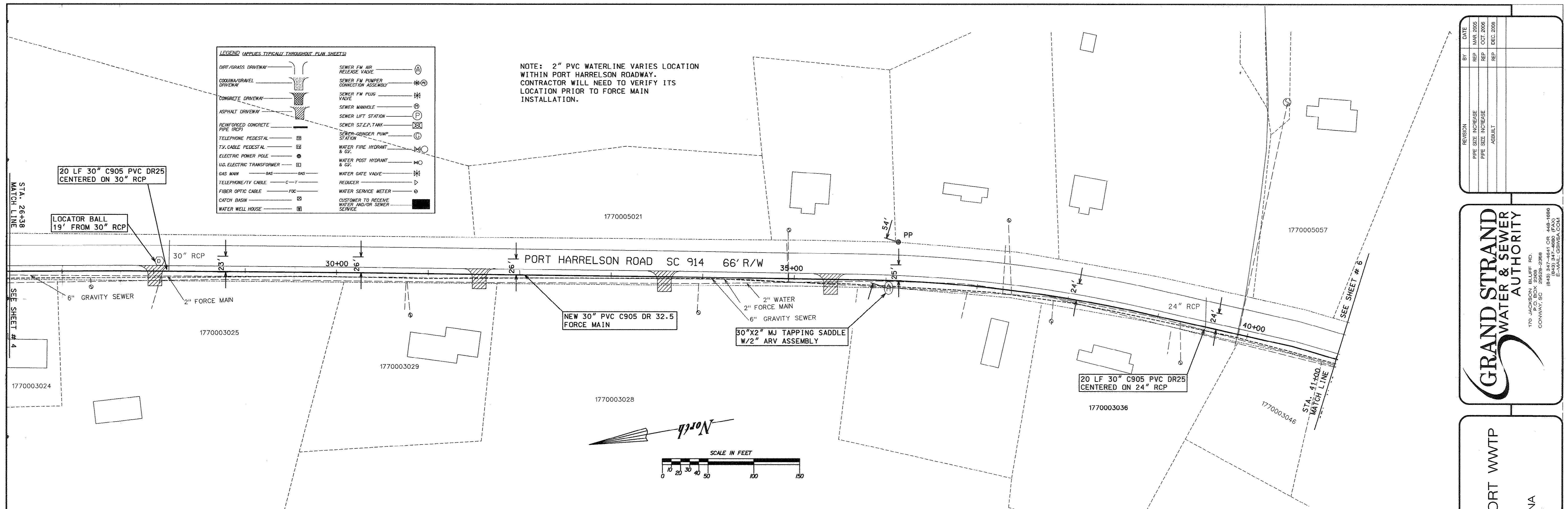


U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

SC. DHEC CONST. PERMIT # _____
DATE: OCTOBER 2008
SCALE: AS NOTED
FILENAME: LAYOUT2.DGN

DRAWN BY: ROBERT PERRINS
CHECKED BY: CHRISTINA EVERETT
APPROVED BY: _____

CHRISTINA S. EVERETT PE #21255
SHEET 4 OF 19
DWG. #



REVISION	DATE	BY	APP'D
PIPE SIZE INCREASE	MAR 2005	REP	
PIPE SIZE INCREASE	OCT 2006	REP	
ASBUILT	DEC 2008	REP	

GRAND STRAND WATER & SEWER AUTHORITY

170 JACKSON BLUFF RD.
P.O. BOX 2389
CONWAY, SC 29524
(843) 347-4641 CR 445-1686
(843) 347-4680 FAX
E-MAIL: GSWA@GSA.COM

U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

SC DHEC CONSTR PERMIT #

DATE: OCTOBER 2003

SCALE: AS NOTED

FILENAME: LAYOUT2.DGN

DRAWN BY: ROBERT PERKINS

CHECKED BY: CHRISTINA EVERETT

APPROVED BY:

CHRISTINA S. EVERETT PE #21255

SHEET 5 OF 19

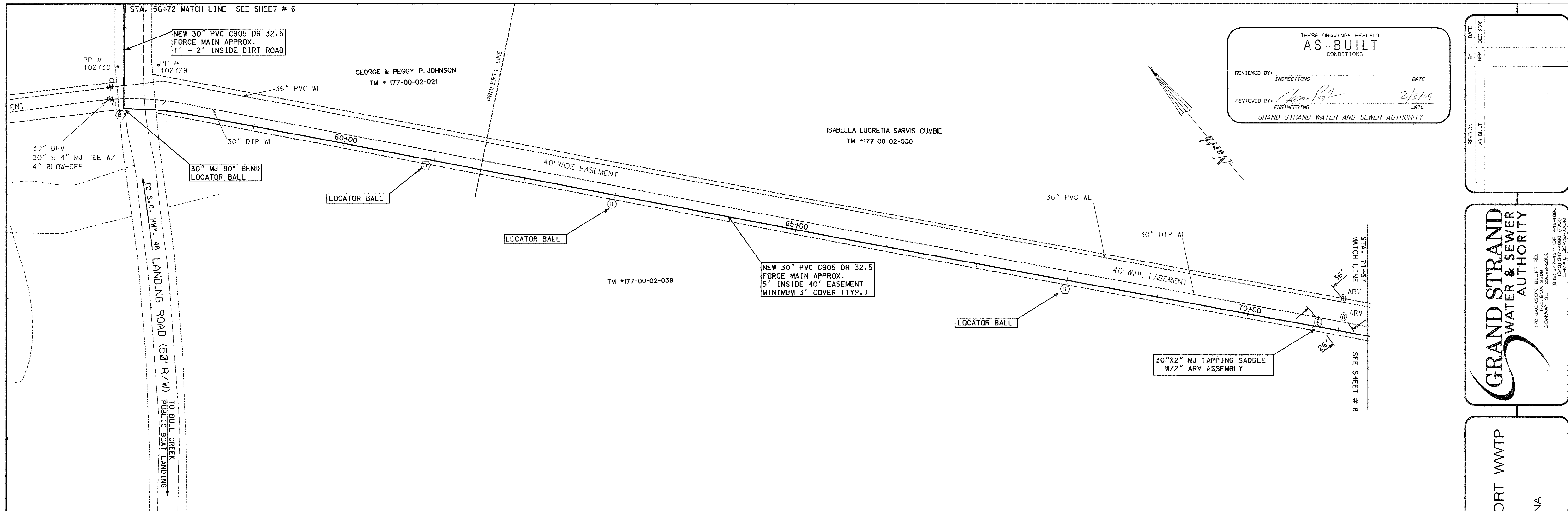
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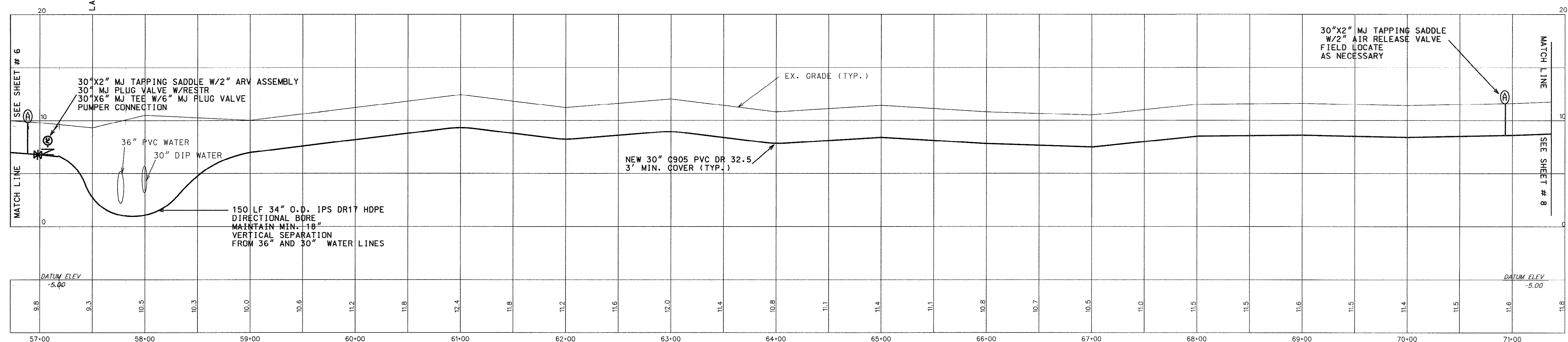
US HWY 701 TO BUCKSPORT WWTP FM



SC DHEC CONSTR PERMIT #	
DATE: OCTOBER 2003	
SCALE: AS NOTED	
FILENAME: LAYOUT.DGN	
DRAWN BY	ROBERT PERDANS
CHECKED BY	CHRISTINA EVERETT
APPROVED BY	
CHRISTINA S. EVERETT PE #21255	
SHEET 6 OF 19	
DWG. #	



PROFILE NOT AS BUILT



SCALE: VERTICAL 1" = 5 FEET
HORIZONTAL 1" = 50 FEET

26.038-007/19.5
US HWY 701 TO BUCKSPORT WWTP FM

THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: *[Signature]* DATE: 2/3/09
INSPECTIONS: *[Signature]* DATE: 2/3/09
REVIEWED BY: *[Signature]* DATE: 2/3/09
ENGINEERING: *[Signature]* DATE: 2/3/09
GRAND STRAND WATER AND SEWER AUTHORITY

DATE: DEC. 2008
BY: *[Signature]*
REVISION: AS BUILT

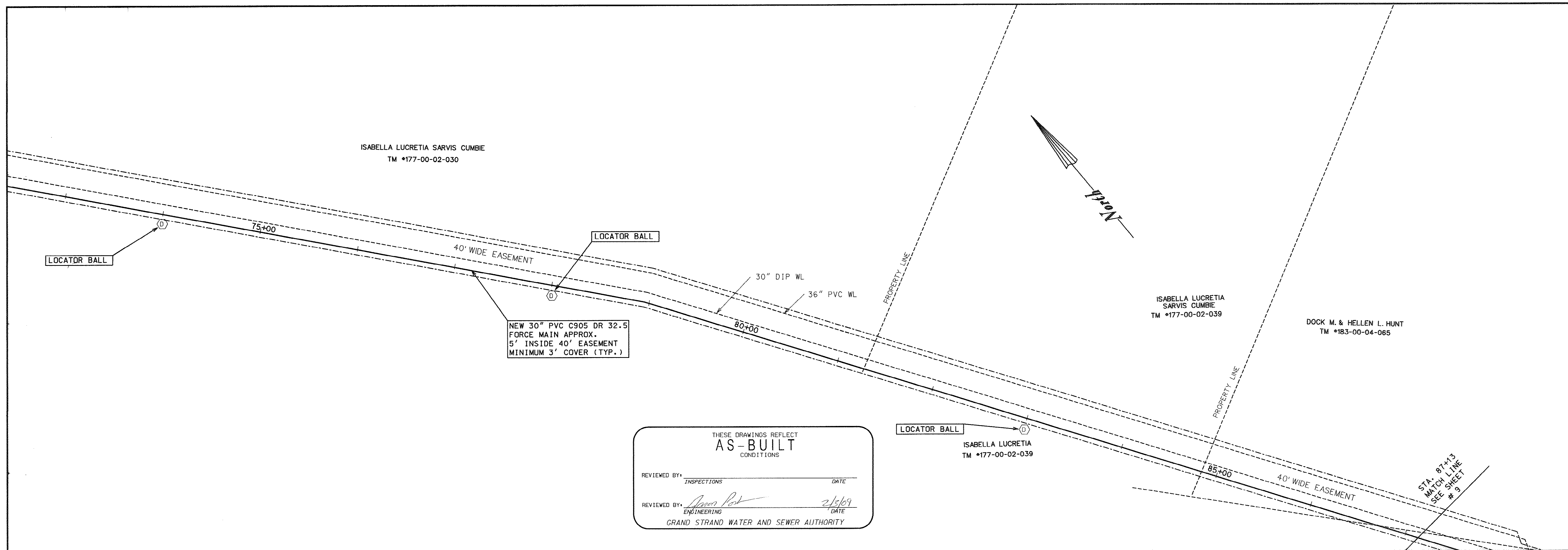
GRAND STRAND WATER & SEWER AUTHORITY
170 JACOBSON BLUFF RD.
P.O. BOX 2366
CONWAY SC 29528-2366
(843) 317-4600 (FAX)
(843) 317-4600 (FAX)
E-MAIL: GSWA@GSA.COM

U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

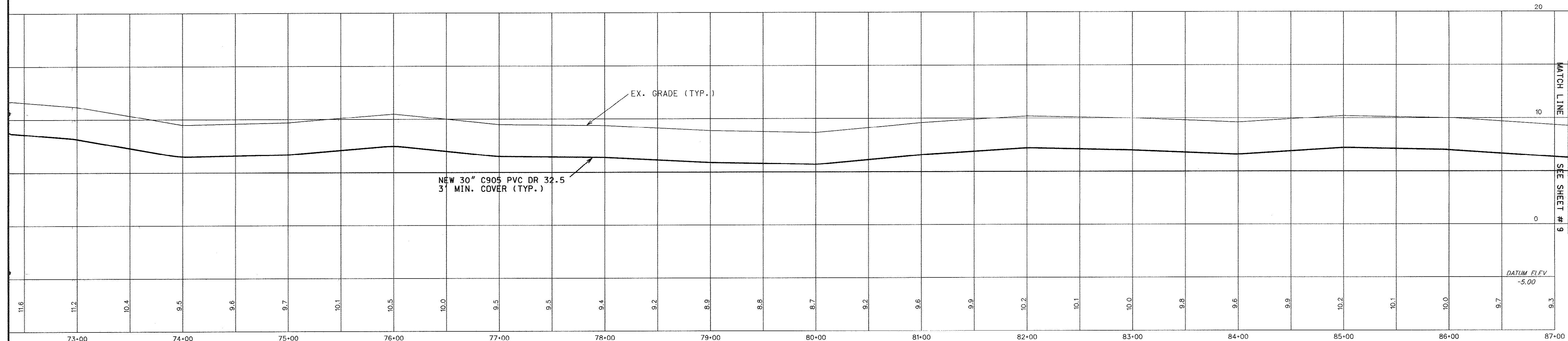
SC DHEC CONSTR. PERMIT #
DATE: OCTOBER 2003
SCALE: AS NOTED
FILENAME: LAYOUT2.DGN

DRAWN BY: ROBERT PERKINS
CHECKED BY: CHRISTINA EVERETT
APPROVED BY: CHRISTINA S. EVERETT PE #21255

SHEET 7 OF 19
DWG #



PROFILE NOT AS BUILT



SCALE: VERTICAL 1" = 5 FEET
HORIZONTAL 1" = 50 FEET

26-038-008/19-5
US HWY 701 TO BUCKSPORT WWTP FM

DATE DEC. 2008	BY REP
REVISION AS BUILT	

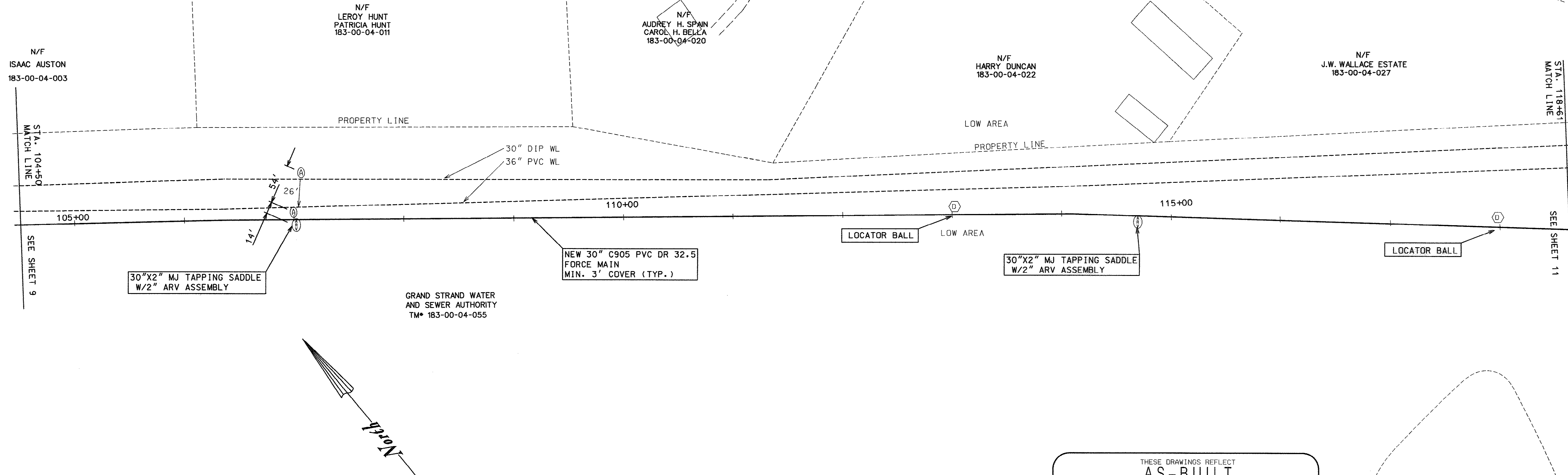
GRAND STRAND WATER & SEWER AUTHORITY
170 JACKSON BLUFF RD.
P.O. BOX 2268
CONWAY, SC 29524
(803) 387-4841 OR 448-1065
(803) 387-4890 (FAX)
E-MAIL: GSWSA@GSCON.EDU

U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

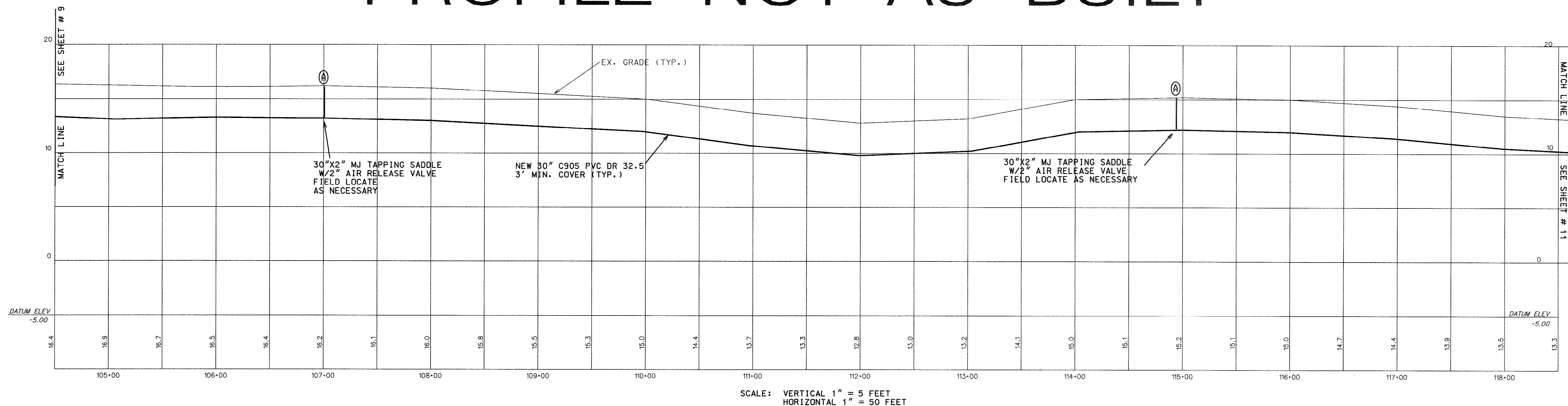
SC DHEC CONSTR. PERMIT #
DATE: OCTOBER 2003
SCALE: AS NOTED
FILENAME: LAYOUT2.DGN

DRAWN BY: ROBERT PERKINS
CHECKED BY: CHRISTINA EVERETT
APPROVED BY: CHRISTINA S. EVERETT PE #21255

SHEET 8 OF 19
DWG #



PROFILE NOT AS BUILT



26-038-010/19-5
US HWY 701 TO BUCKSPORT WWTP FM

REVISION	BY	DATE
AS BUILT	REP	DEC 2008

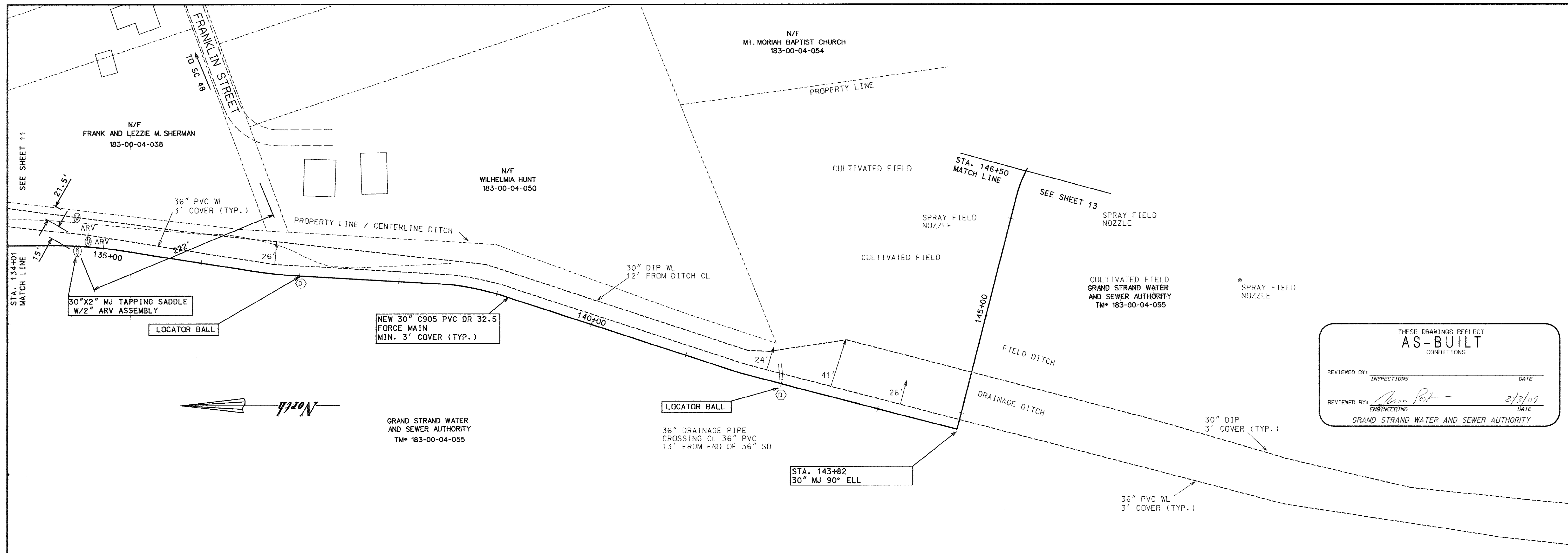
GRAND STRAND WATER & SEWER AUTHORITY
170 JACKSON BLUFF RD
P.O. BOX 2388
CONWAY, SC 29524-2388
(843) 347-4880 (FAX)
E-MAIL: GSWA@GSA.COM

U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

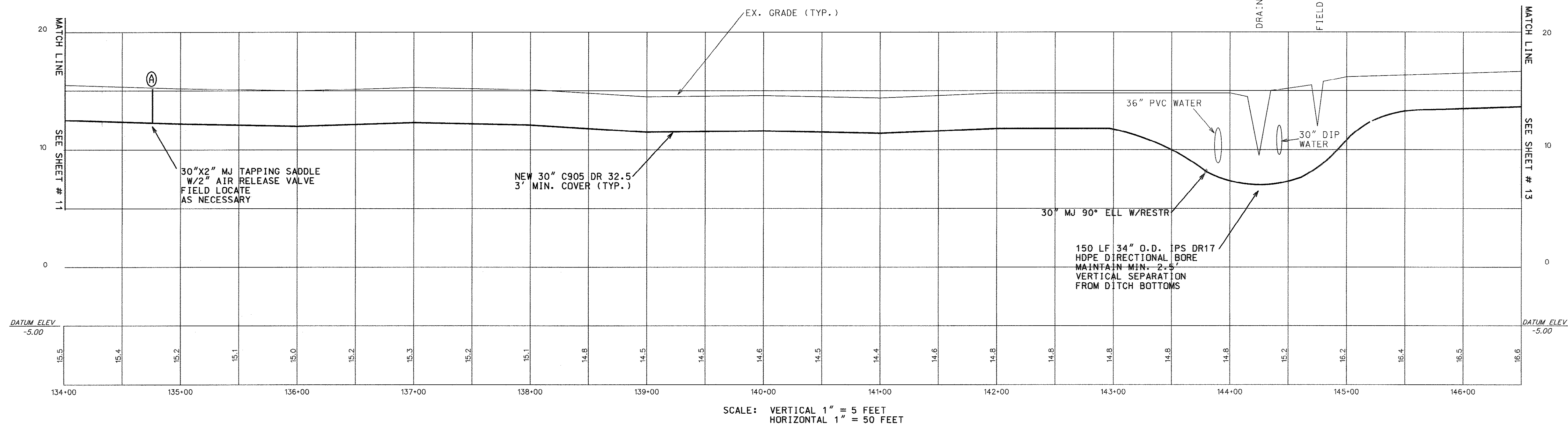
SC DHEC CONSTR. PERMIT #
DATE: OCTOBER 2008
SCALE: AS NOTED
FILENAME: LAYOUT2.DGN

DRAWN BY	ROBERT PERKINS
CHECKED BY	CHRISTINA EVERETT
APPROVED BY	
CHRISTINA S. EVERETT PE #21255	

SHEET 10 OF 19
DWG. #



PROFILE NOT AS BUILT



SCALE: VERTICAL 1" = 5 FEET
HORIZONTAL 1" = 50 FEET

26-038-012/19-S
US HWY 701 TO BUCKSPORT WWTP FM

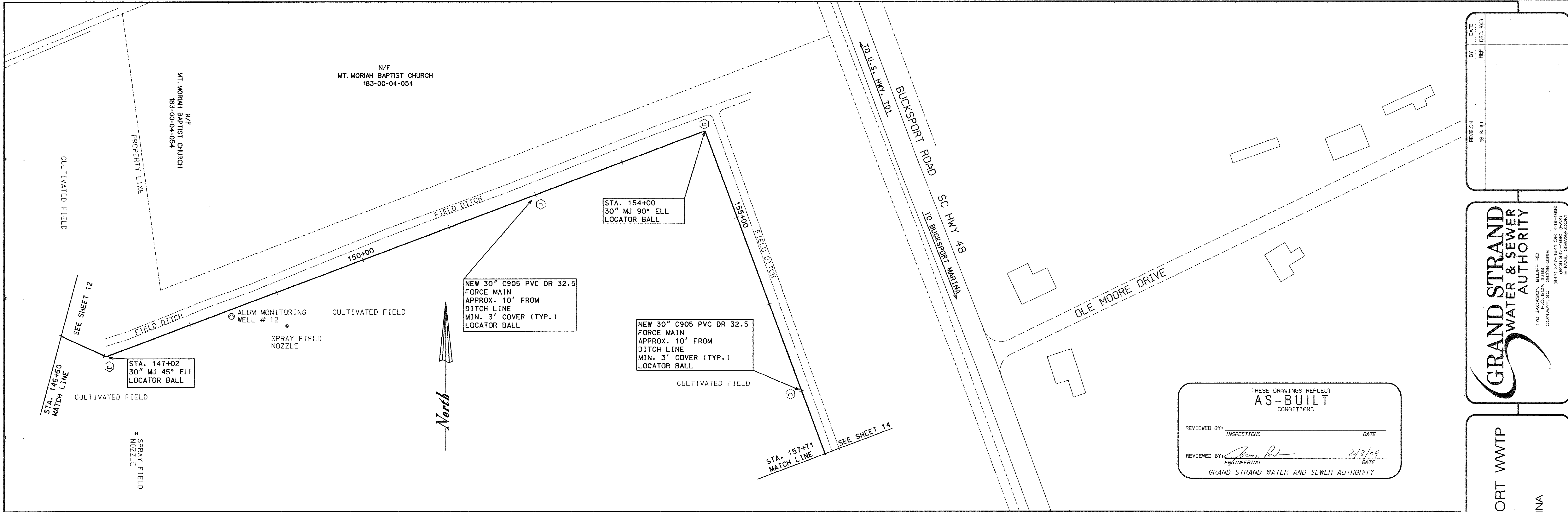
DATE	DEC. 2008
BY	REP
REVISION	AS BUILT

GRAND STRAND WATER & SEWER AUTHORITY	
170 JACOBSON BLUFF RD P.O. BOX 2388 CONWAY, SC 29524 (843) 347-4841 OR 448-1886 (843) 347-4880 (FAX) E-MAIL: GSWA@GSA.COM	

THESE DRAWINGS REFLECT AS-BUILT CONDITIONS	
REVIEWED BY:	INSPECTIONS
REVIEWED BY:	ENGINEERING
DATE	DATE
	2/3/09
GRAND STRAND WATER AND SEWER AUTHORITY	

U.S. HIGHWAY 701 TO BUCKSPORT WWTP FORCE MAIN BUCKSPORT, SOUTH CAROLINA PROJ. # 882-01	
---	--

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 21255 CHRISTINA S. EVERETT	
SC DHEC CONSTR. PERMIT #	
DATE: OCTOBER 2008	
SCALE: AS NOTED	
FILENAME: LAYOUT2.DGN	
DRAWN BY	ROBERT PERKINS
CHECKED BY	CHRISTINA EVERETT
APPROVED BY	
CHRISTINA S. EVERETT PE #21255	
SHEET 12 OF 19	
DWG #	



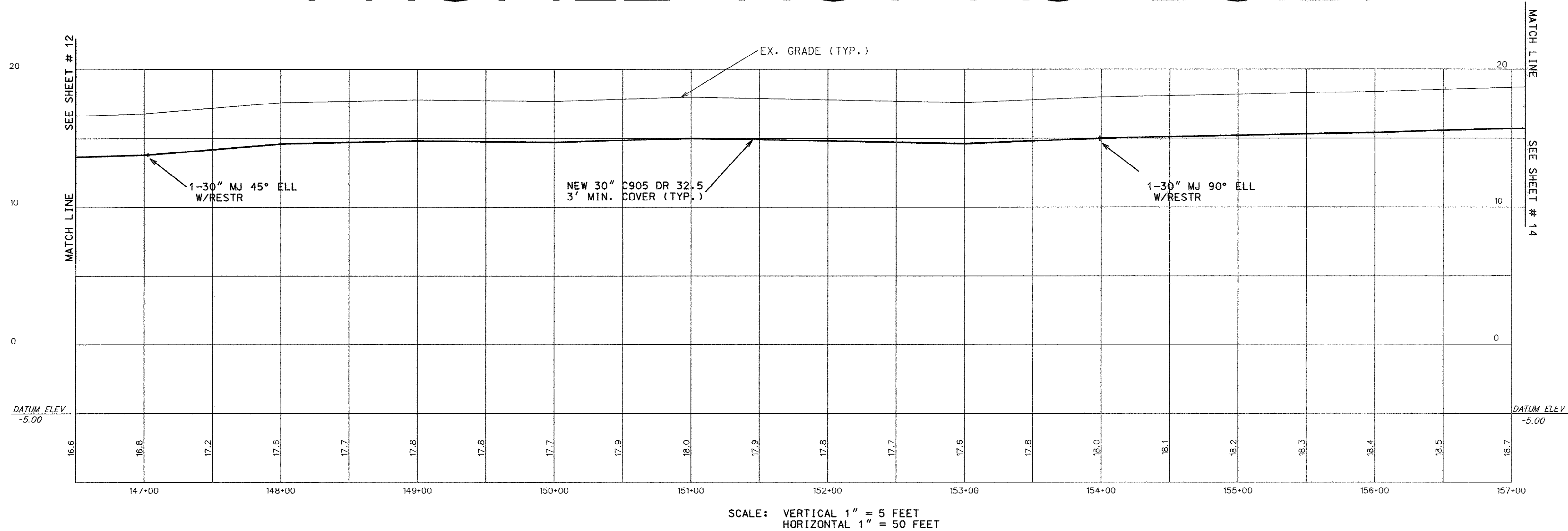
THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: _____ DATE: _____
INSPECTIONS

REVIEWED BY: *[Signature]* DATE: 2/3/09
ENGINEERING

GRAND STRAND WATER AND SEWER AUTHORITY

PROFILE NOT AS BUILT



26-038-013/19-S

US HWY 701 TO BUCKSPORT WWTP FM

REVISION	BY	DATE
AS BUILT	REP	DEC 2008

GRAND STRAND
WATER & SEWER
AUTHORITY

170 JACKSON BLUFF RD.
PO BOX 2208
CONWAY, SC 29528-2208
(843) 347-1400 (FAX)
E-MAIL: GSWSA.COM

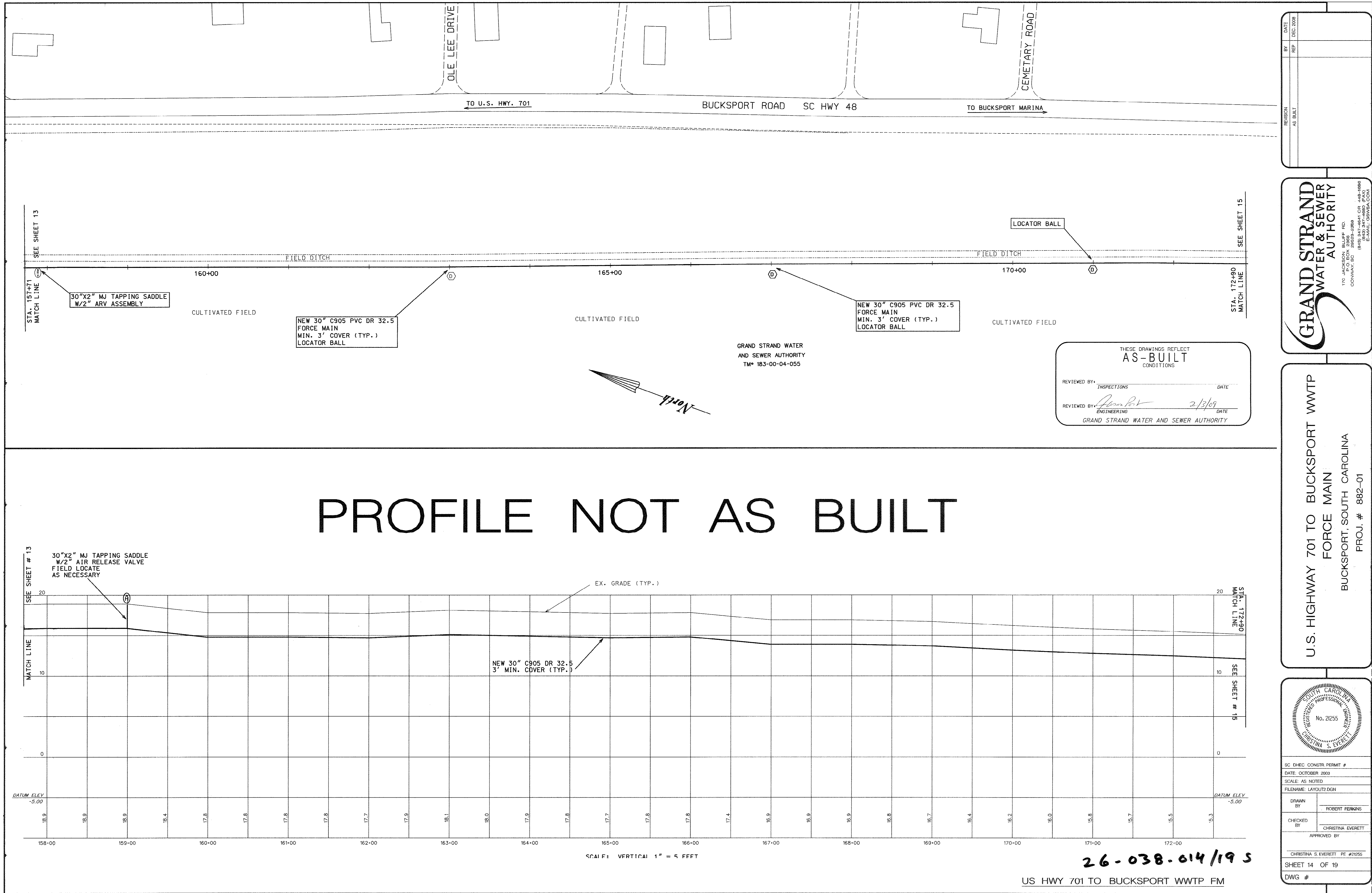
U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

SC. DHEC CONSTR. PERMIT #
DATE: OCTOBER 2003
SCALE: AS NOTED
FILENAME: LAYOUT2.DGN

DRAWN BY: ROBERT PERKINS
CHECKED BY: CHRISTINA EVERETT
APPROVED BY: _____

CHRISTINA S. EVERETT PE #21255

SHEET 13 OF 19
DWG #



REVISION	DATE
BY	DEC. 2008
REP	
AS BUILT	

GRAND STRAND WATER & SEWER AUTHORITY

170 JACKSON BLUFF RD.
P.O. BOX 2366
CONWAY, SC 29524-0366
(843) 347-4860 (FAX)
(843) 347-4860 (FAX)
E-MAIL: GSWA@GSA.COM

U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

SC DHEC CONSTR. PERMIT #

DATE: OCTOBER 2003

SCALE: AS NOTED

FILENAME: LAYOUT2.DGN

DRAWN BY: ROBERT PERKINS

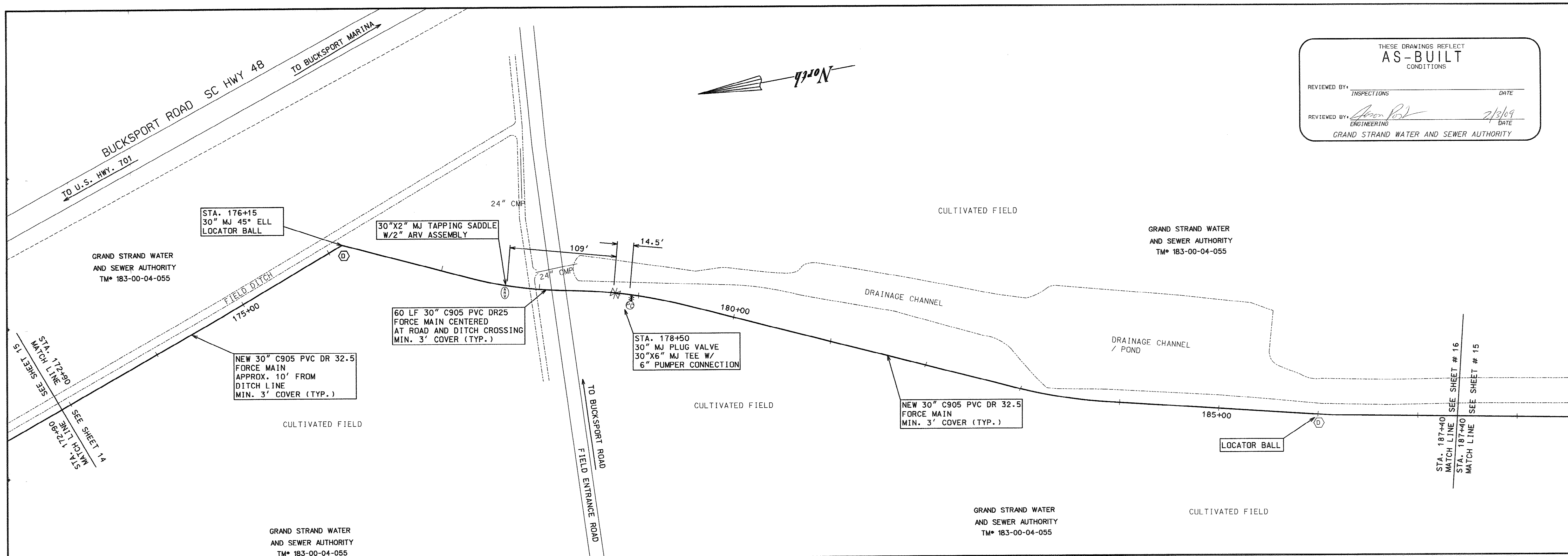
CHECKED BY: CHRISTINA EVERETT

APPROVED BY:

CHRISTINA S. EVERETT PE #21255

SHEET 14 OF 19

DWG #



THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: _____ DATE: _____
INSPECTIONS

REVIEWED BY: *Jason Pelt* DATE: *7/3/09*
ENGINEERING

GRAND STRAND WATER AND SEWER AUTHORITY

REVISION	DATE	BY	REP
AS BUILT	DEC. 2008		

GRAND STRAND WATER & SEWER AUTHORITY

170 JACKSON BLUFF RD.
P.O. BOX 23068
CONWAY, SC 29526-0608
(843) 347-4641 CH. 448-1000
(843) 347-4600 FAX
E-MAIL: GSWA@GSA.COM

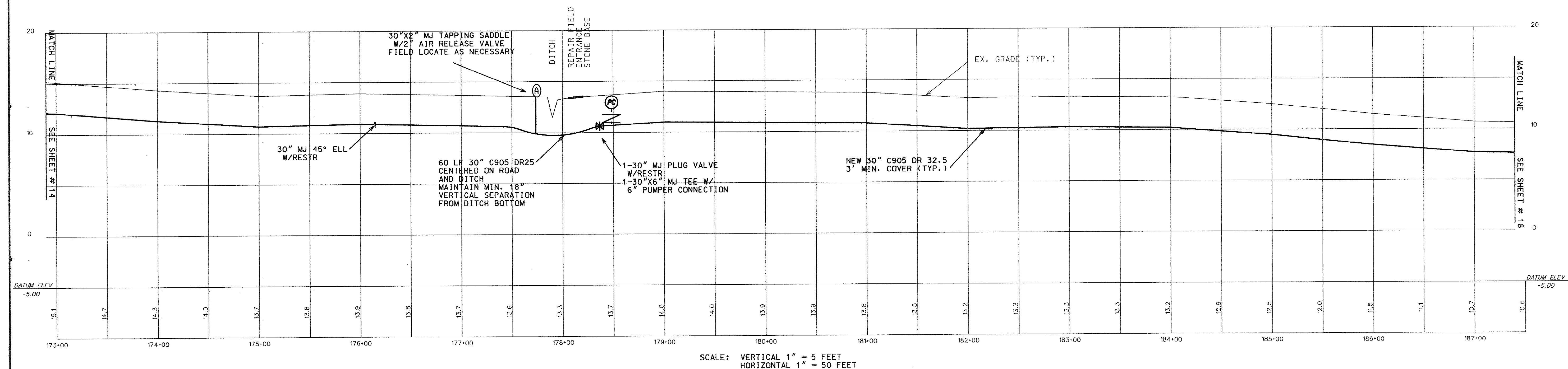
U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

SC DHEC CONSTR. PERMIT # _____
DATE: OCTOBER 2003
SCALE: AS NOTED
FILENAME: LAYOUT2.DGN

DRAWN BY: ROBERT PERKINS
CHECKED BY: CHRISTINA EVERETT
APPROVED BY: _____
CHRISTINA S. EVERETT PE #21255

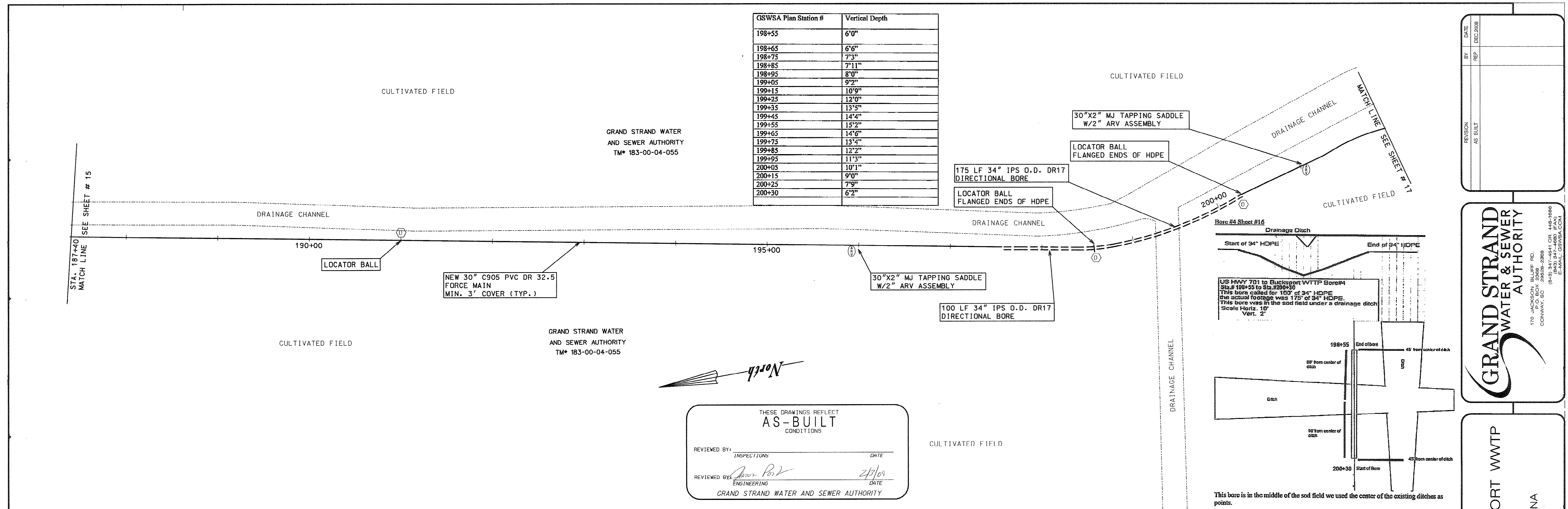
SHEET 15 OF 19
DWG # _____

PROFILE NOT AS BUILT

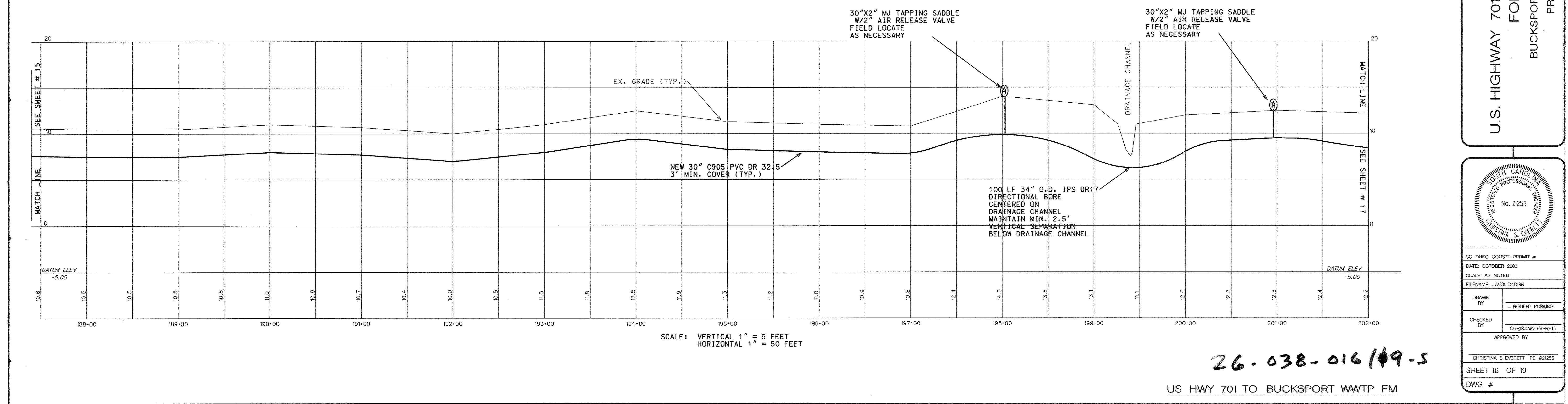


SCALE: VERTICAL 1" = 5 FEET
HORIZONTAL 1" = 50 FEET

26-038-015/19.5
US HWY 701 TO BUCKSPORT WWTP FM



PROFILE NOT AS BUILT

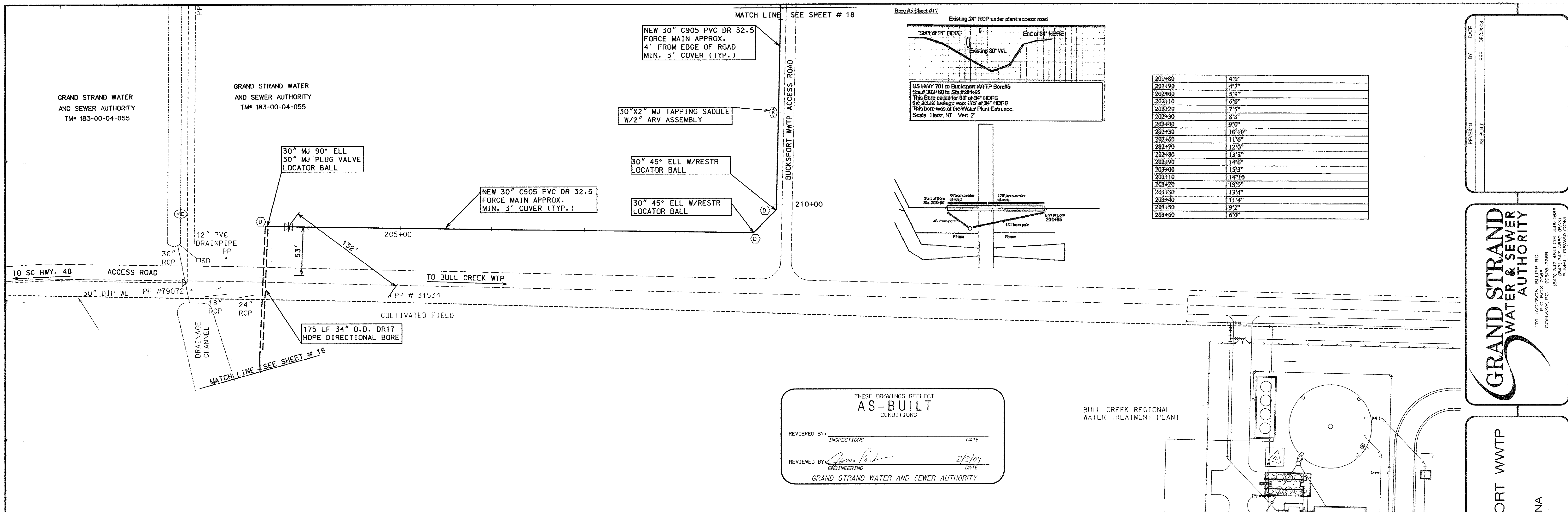


REVISION: AS BUILT
DATE: DEC 2008
BY: REP

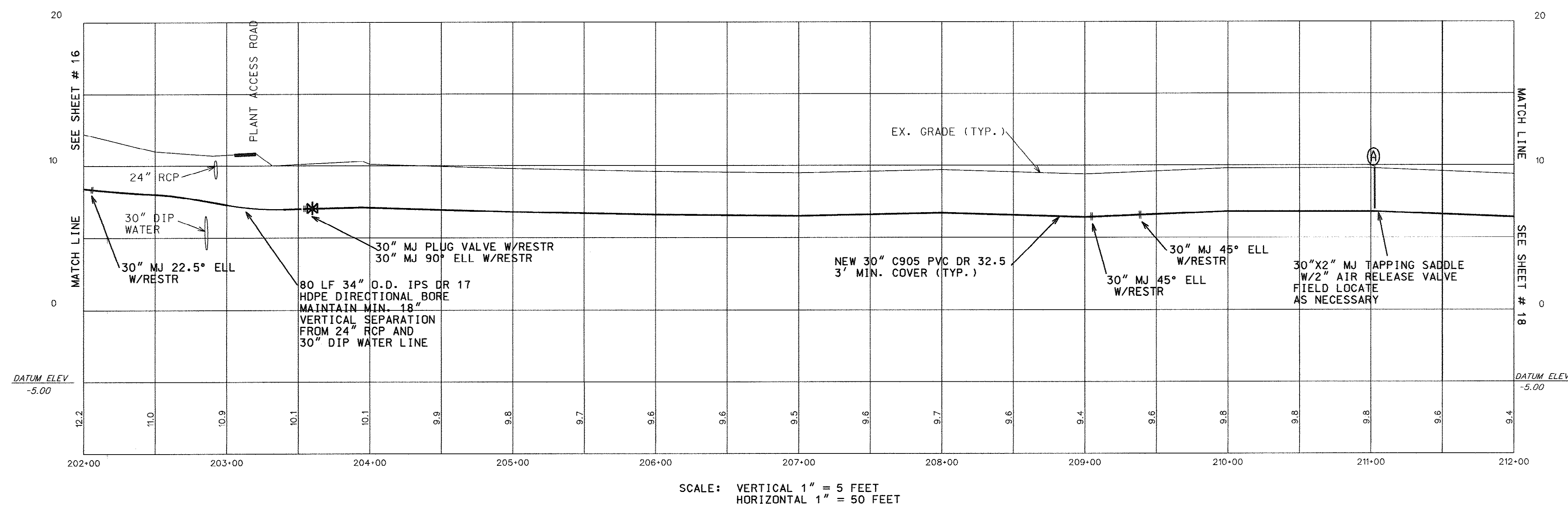
GRAND STRAND WATER & SEWER AUTHORITY
170 JACKSON BLVD. RD.
P.O. BOX 2288
CONWAY, SC 29528-2288
(803) 347-1880 (FAX)
E-MAIL: GSWSA.COM

U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

SC. DHEC. CONSTR. PERMIT #
DATE: OCTOBER 2003
SCALE: AS NOTED
FILENAME: LAYOUT2.DGN
DRAWN BY: ROBERT PERKINS
CHECKED BY: CHRISTINA EVERETT
APPROVED BY: CHRISTINA S. EVERETT PE #21255
SHEET 16 OF 19
DWG #



PROFILE NOT AS BUILT



26-038.017/19-5

US HWY 701 TO BUCKSPORT WWTP FM

DATE: DEC 2008
BY: _____
REF: _____
REVISION: _____
AS BUILT

GRAND STRAND WATER & SEWER AUTHORITY
170 JACKSON BLUFF RD.
CONWAY, SC 29539
(803) 817-4880 (FAX)
(803) 347-4841 OR 448-1686
WWW.GSAWATER.COM

**U.S. HIGHWAY 701 TO BUCKSPORT WWTP
FORCE MAIN**
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

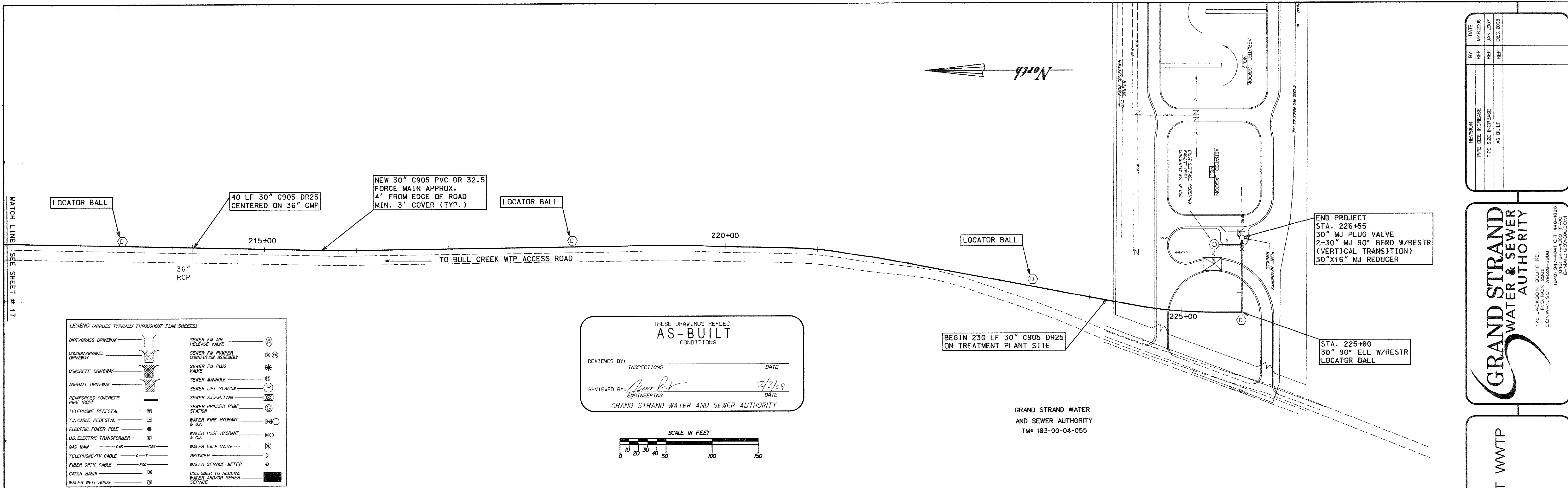
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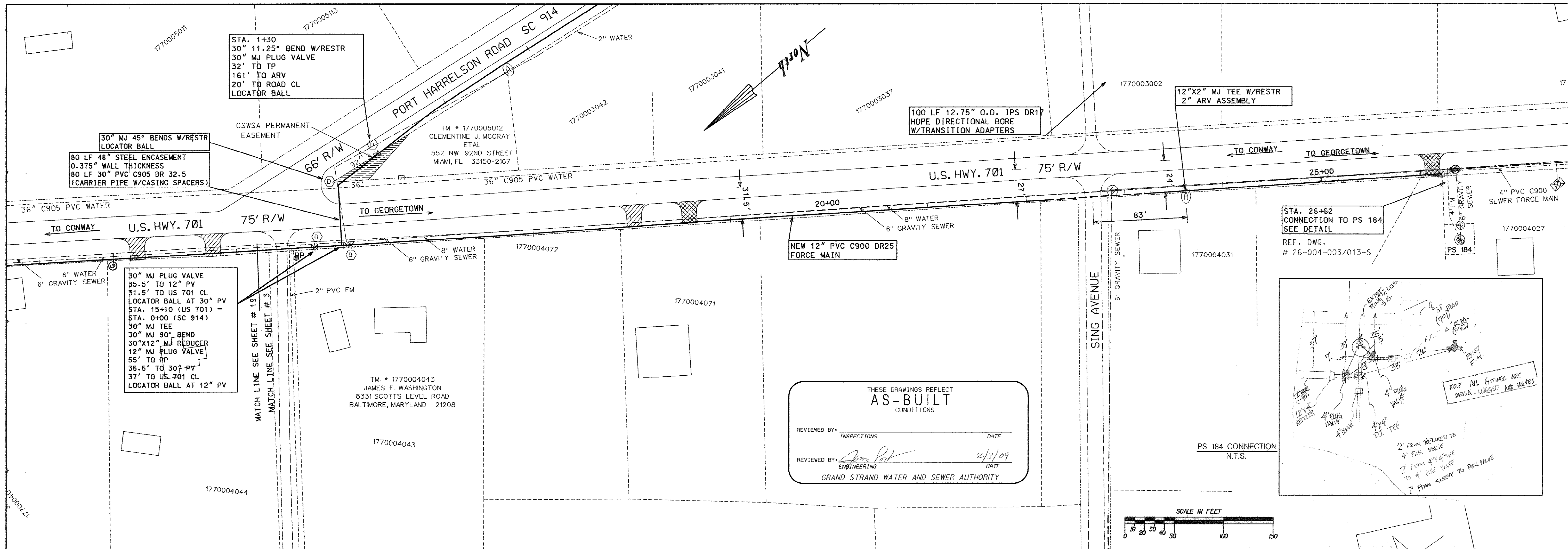
DRAWN BY: _____
ROBERT PERKINS

CHECKED BY: _____
CHRISTINA EVERETT

APPROVED BY: _____
CHRISTINA S. EVERETT PE #21255

SHEET 17 OF 19
DWG. #





DATE	BY	REVISION
MAY 2004	REF	USDA AS-BUILT DIRECTIONAL BORE REQUIREMENT
JAN 2007	REF	ON SING AVENUE
JAN 2007	REF	PIPE SIZE INCREASE
AUG 2007	REF	CHANGED 30" WYE TO 30" MJ TEE AND 30" MJ 45 DEGREE BEND
DEC 2008	REF	AS-BUILT

GRAND STRAND WATER & SEWER AUTHORITY
170 JACKSON BLUFF RD.
P.O. BOX 2368
CONWAY, SC 29524
(843) 347-4641 OR 448-1860
FAX (843) 347-4680 (FAX)
E-MAIL: GSWA@GSA.COM

U.S. HIGHWAY 701 TO BUCKSPORT WWTP FORCE MAIN
BUCKSPORT, SOUTH CAROLINA
PROJ. # 882-01

SC DHEC CONSTR PERMIT #
DATE: OCTOBER 2003
SCALE: AS NOTED
FILENAME: LAYOUT2.DGN

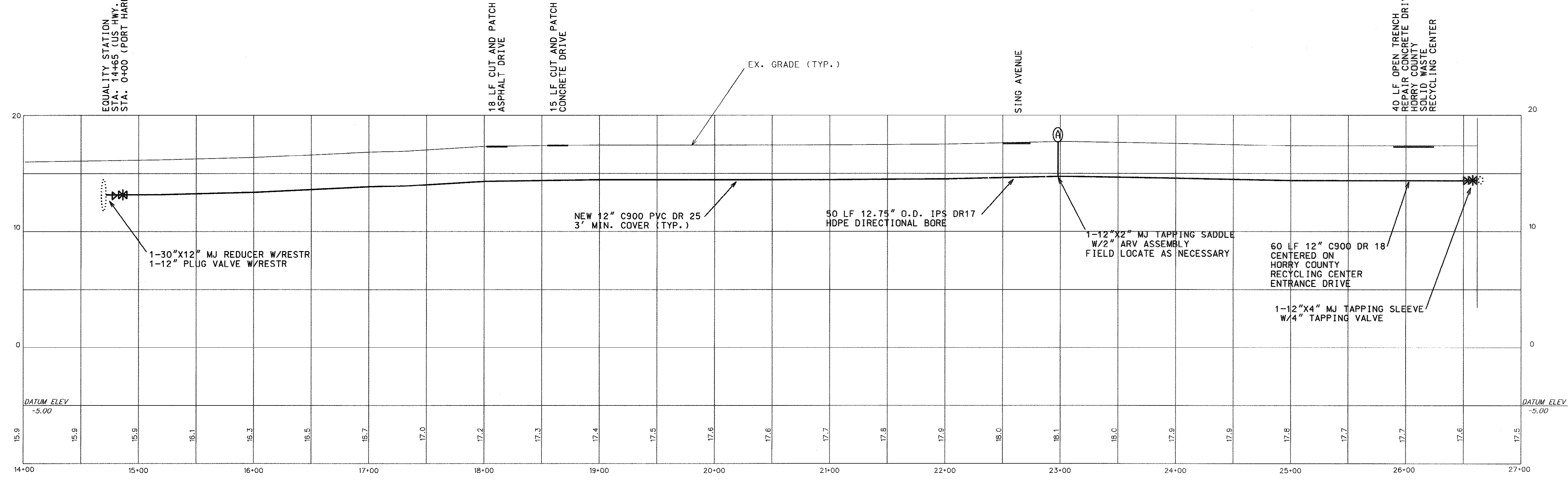
DRAWN BY
ROBERT PERKINS

CHECKED BY
CHRISTINA EVERETT

APPROVED BY
CHRISTINA S. EVERETT PE #21255

SHEET 19 OF 19
DWG #

PROFILE NOT AS BUILT



U.S. HIGHWAY 701
SCALE: VERTICAL 1" = 5 FEET
HORIZONTAL 1" = 50 FEET

26-038-019/19-S
US HWY 701 TO BUCKSPORT WWTP FM