New York State Department of Environmental Conservation and
U.S. Army Corps of Engineers
Joint Application – Supplemental Information
Constitution Pipeline
Broome, Chenango, Delaware, Otsego, and Schoharie Counties

## ATTACHMENT E

## WATERBODY AND WETLAND CROSSING SITE SPECIFIC DRAWINGS

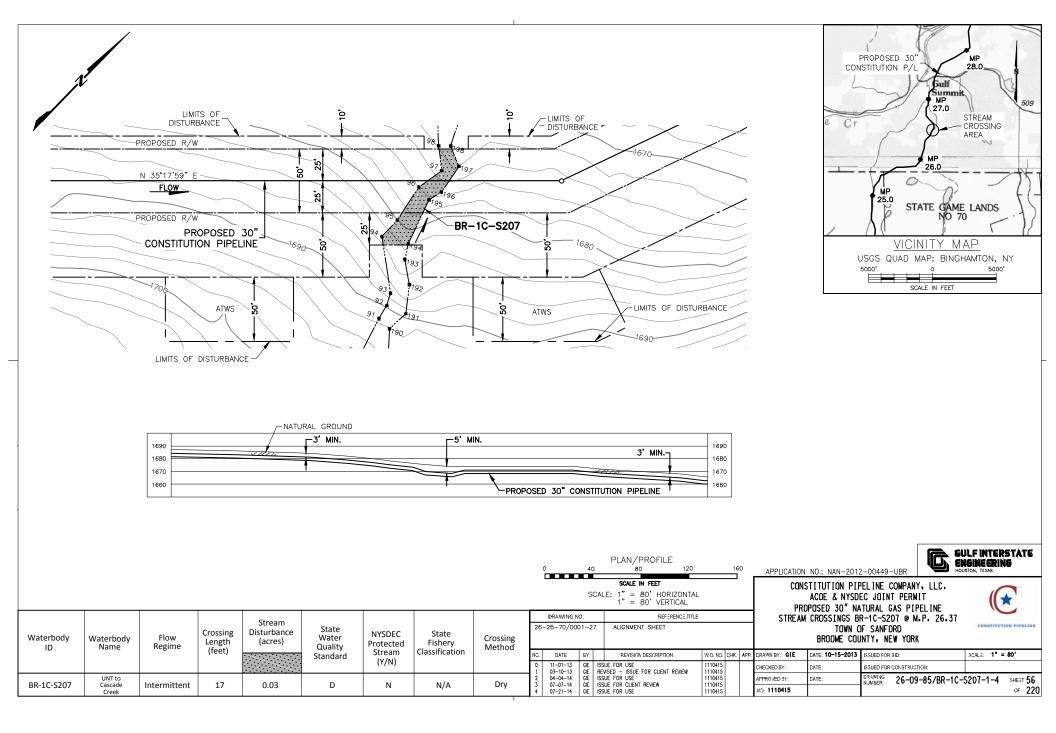
**Updated August 2014** 

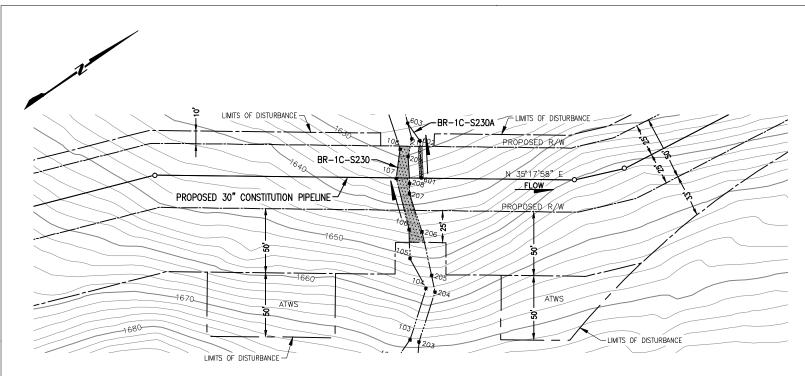


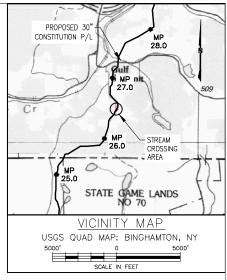
New York State Department of Environmental Conservation and
U.S. Army Corps of Engineers
Joint Application – Supplemental Information
Constitution Pipeline
Broome, Chenango, Delaware, Otsego, and Schoharie Counties

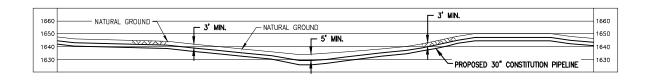
## WATERBODIES

**Updated August 2014** 









APPLICATION NO.: NAN-2012-00449-UBR

PLAN/PROFILE

00000C

160

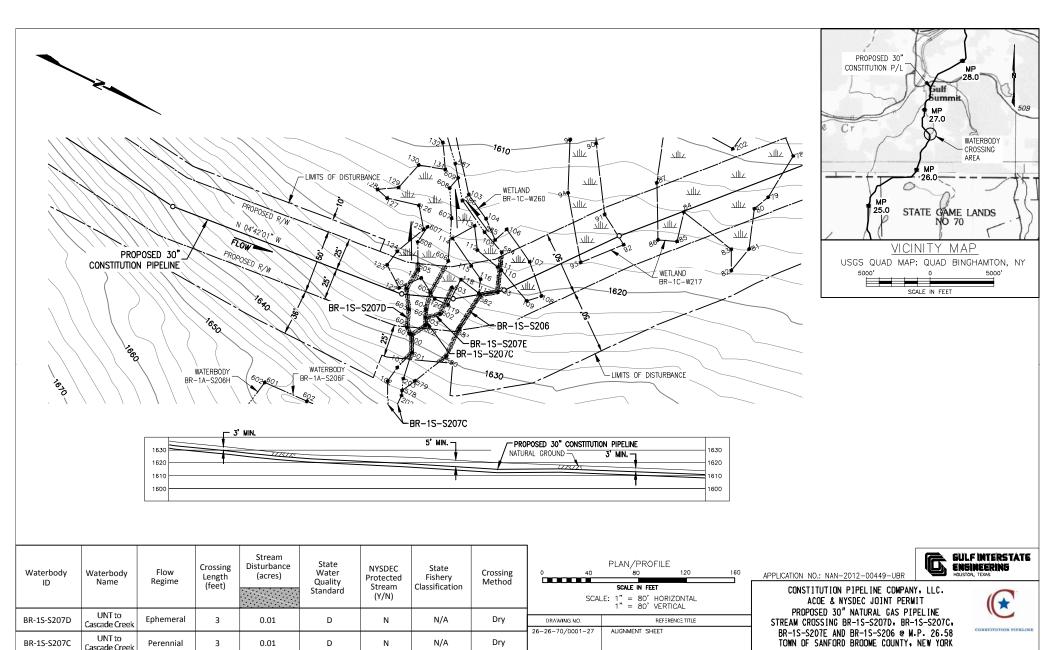


				Crossing	Stream Disturbance	State	NYSDEC	State				9	SCAL	LE: 1" = 80' HORIZONTAL 1" = 80' VERTICAL		
	Waterbody ID	Waterbody Name	Flow Regime	Length	(acres)	Water Quality	Protected	Fishery	Crossing Method		DRAWING			REFERENCE TITLE		
	<b>ا</b> لما	Nume	egc	(feet)		Standard	Stream (Y/N)	Classification	Wictilou	26	-26-70/0	001-	027	AUGNMENT SHEET		
	BR-1C-S230	Unit To Cascade Creek	Ephemeral	10	0.02	D	N	N/A	Dry	NC.	DATE 02-29-14	BY GIE	ISS	REVISION DESCRIPTION SUED FOR CLIENT REVIEW	W.O. NO. 1110415	APP.
•	BR-1C-S230A	Unit To Cascade Creek	Ephemeral	3	0.01	D	N	N/A	Dry	0 1 2	03-18-14 04-04-14 07-07-14 07-28-14	GIE	ISS	VISED - ISSUED FOR CLIENT REVIEW SUE FOR USE SUE FOR CLIENT REVIEW SUE FOR USE	1110415 1110415 1110415 1110415	

CONSTITUTION PIPELINE COMPANY, LLC. ACOE & NYSDEC JOINT PERMIT PROPOSED 30" NATURAL GAS PIPELINE STREAM CROSSING BR-1C-S230 AND BR-1C-S230A @ MP 26.48 TOWN OF SANFORD BROOME COUNTY, NEW YORK

CONSTITUTION PIPELINE

APP.	DRAWN BY: GIE	DATE: 02-24-2014	ISSUED FOR	BID:	SCALE: 1" =	: 80°
	CHECKED BY:	DATE:	ISSUED FOR	CONSTRUCTION		
	APPROVED 3Y:		DRAWING NUMBER:	26-09-85/BR-1C-9	5230-1-2	SHEET <b>57</b>
	WO: 1110415					OF 220



DATE

UNT to

Cascade Creek

UNT to

Cascade Creek

Ephemeral

Intermittent

15

0.01

0.01

D

D

Ν

Ν

N/A

N/A

Dry

Dry

BR-1S-S207E

BR-1S-S206

REVISION DESCRIPTION

02-24-14 GE ISSUED FOR CUENT REVIEW
03-18-14 GE REVISED - ISSUED FOR CUENT REVIEW
04-04-14 GE ISSUE FOR CLENT REVIEW
07-24-14 GIE ISSUE FOR CLENT REVIEW
07-24-14 GIE ISSUE FOR USE

DRAWN BY: GIE

CHECKED BY:

PPROVED 3Y

wo: 1110415

W.O. NO. CHK. APP.

1110415 1110415

DATE: 02-24-2014 ISSUED FOR BID:

ISSUED FOR CONSTRUCTION

DRAWING NUMBER: 26-20-85/BR-1S-S206-1-2

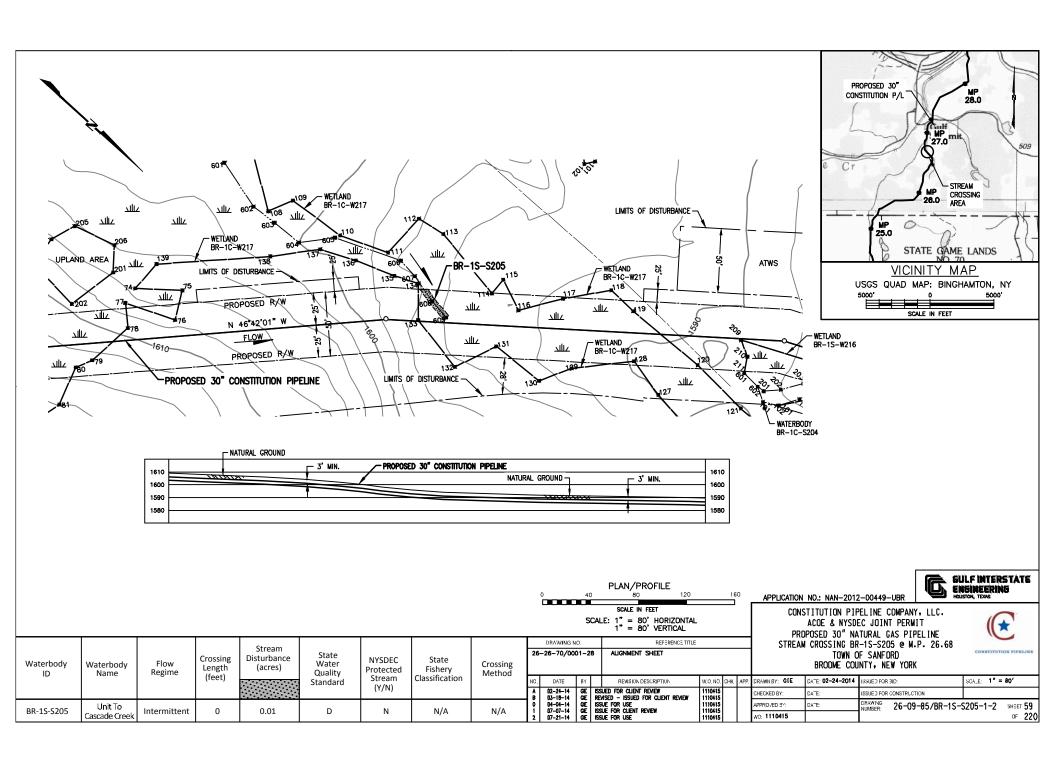
DATE:

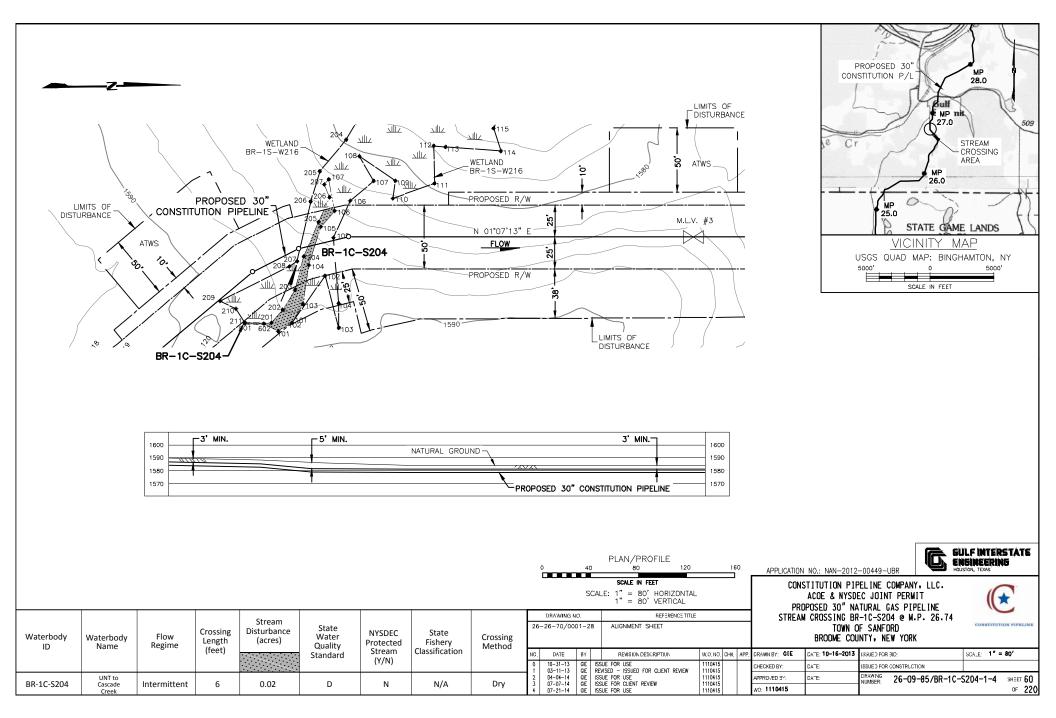
DATE:

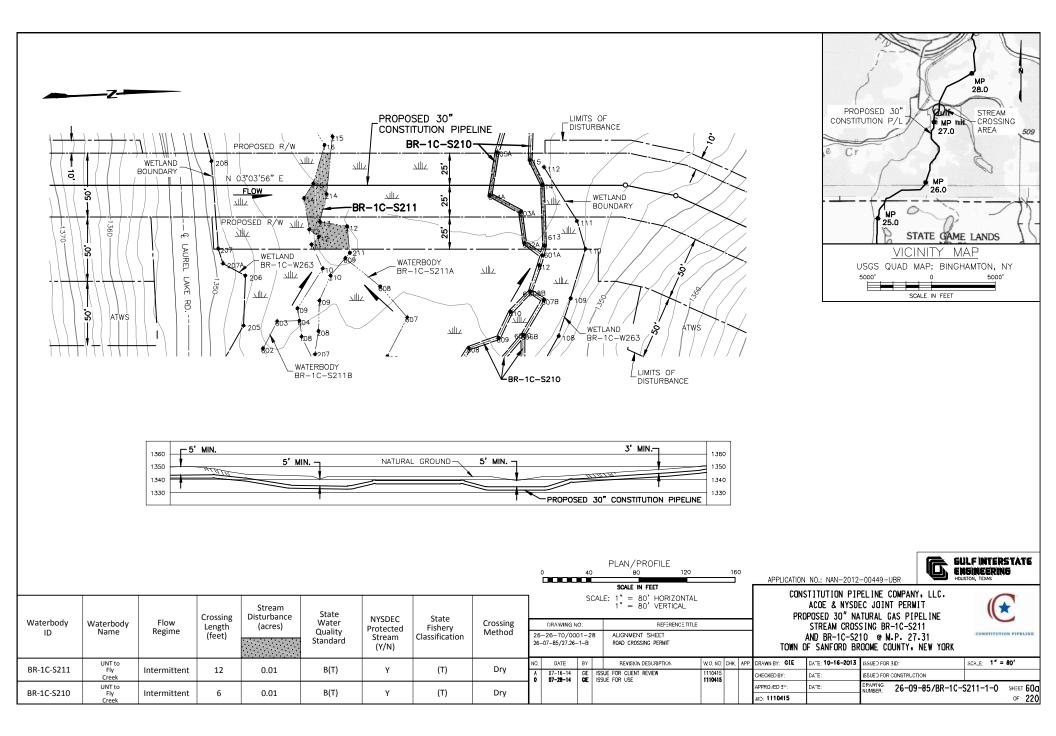
SCA\_E: 1" = 80'

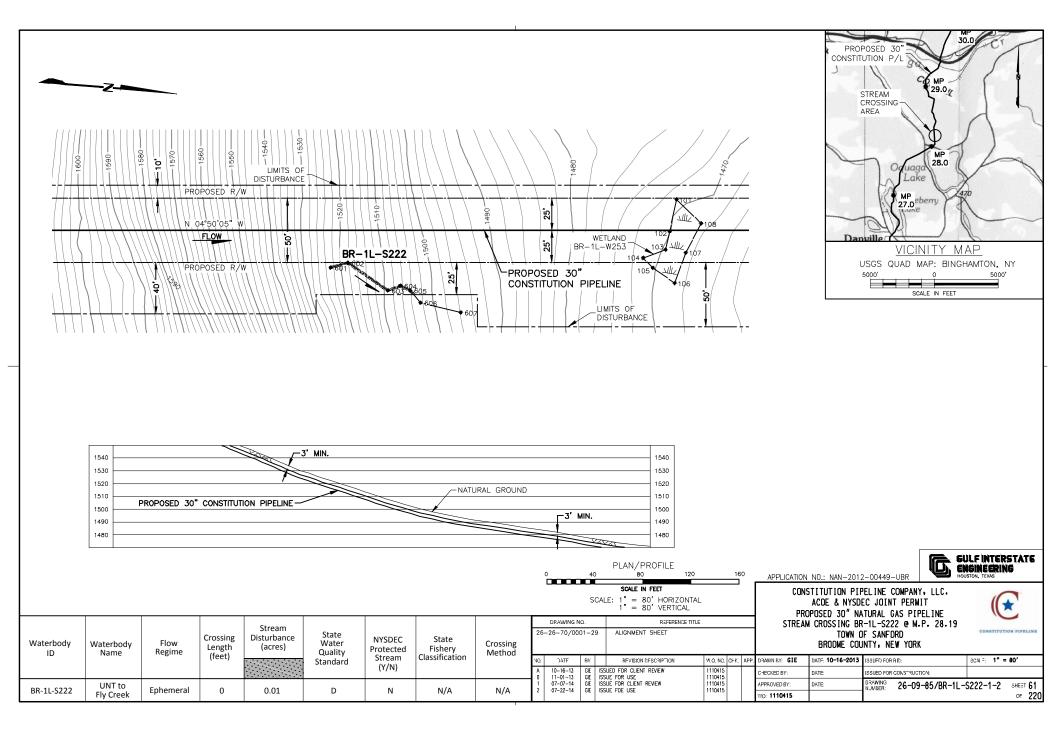
SHEET 58

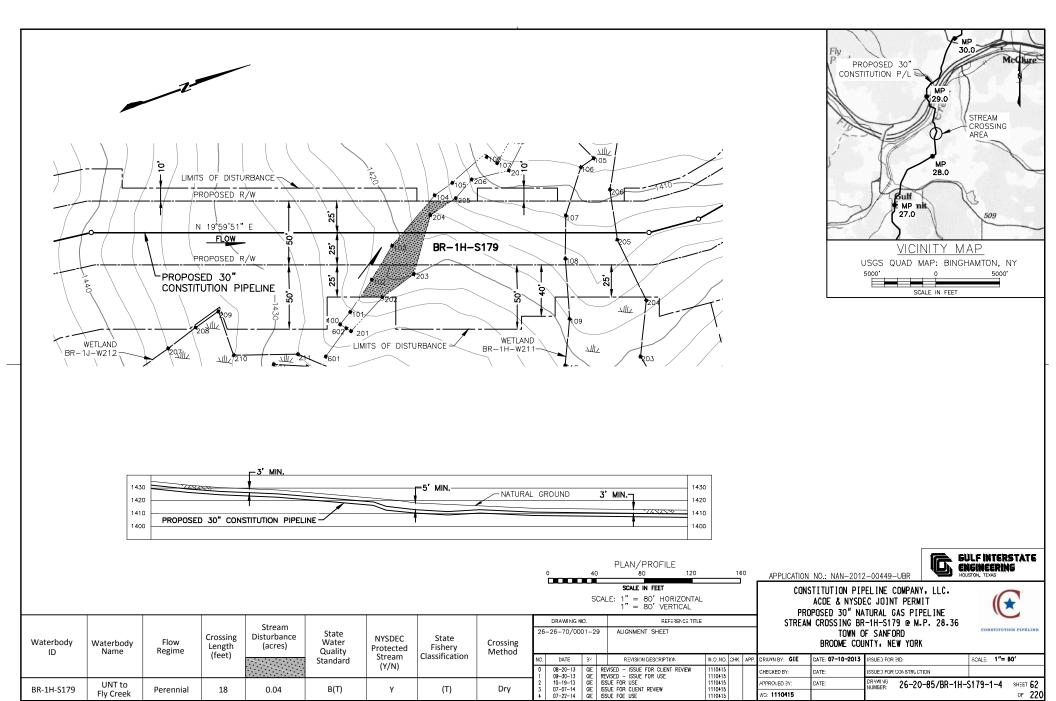
OF 220

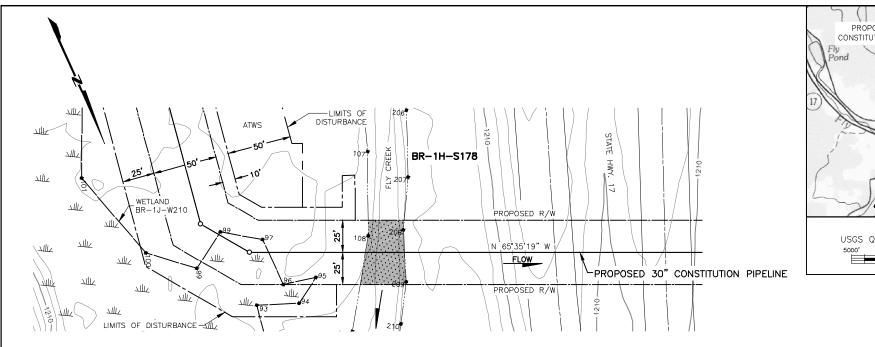


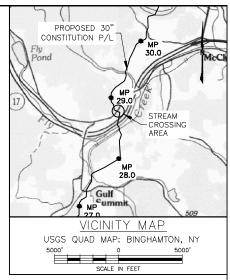












1220	NATURAL GROUND —	3' MIN.¬	5' MIN.¬	_5' MIN.	5' MIN.7	1220
1210	\	1				1210
1200	:VAV/	\	:VXVI			1200
1190		Ť			1	1190
	PROPOSED 30" COI	NSTITUTION PIPE	LINE			

PLAN/PROFILE

40 80 120 160 AF

SCALE: N FEET

SCALE: 1" = 80' HORIZONTAL
1" = 80' VERTICAL

REFERENÇE TITLE

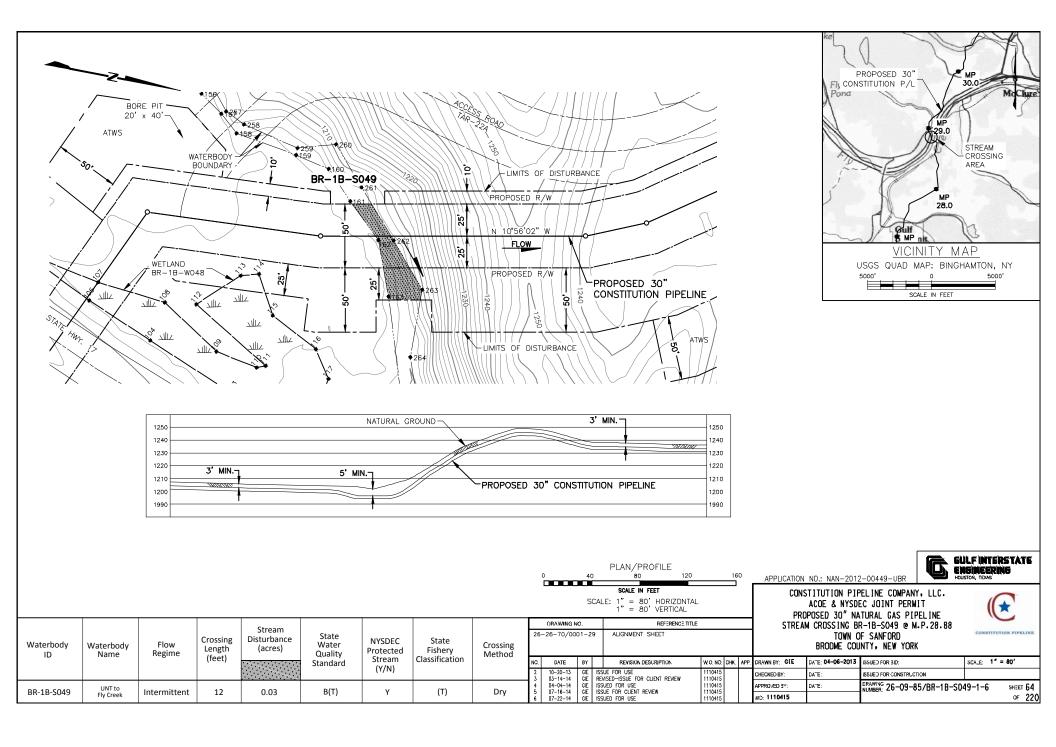
APPLICATION NO.: NAN-2012-00449-UBR

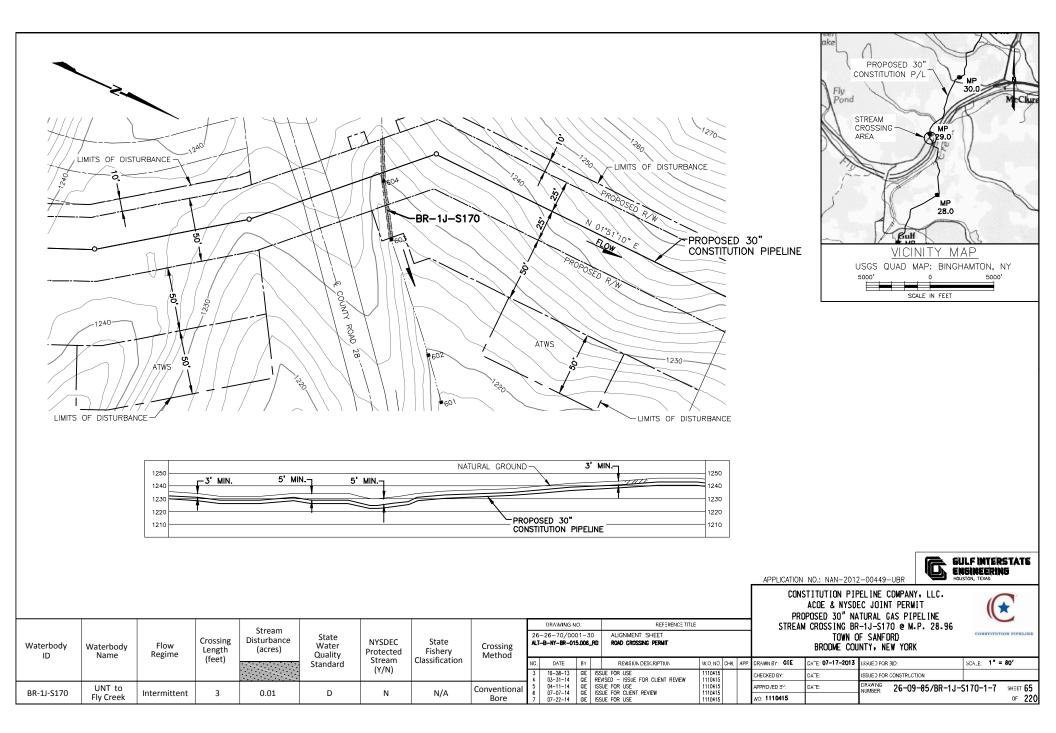


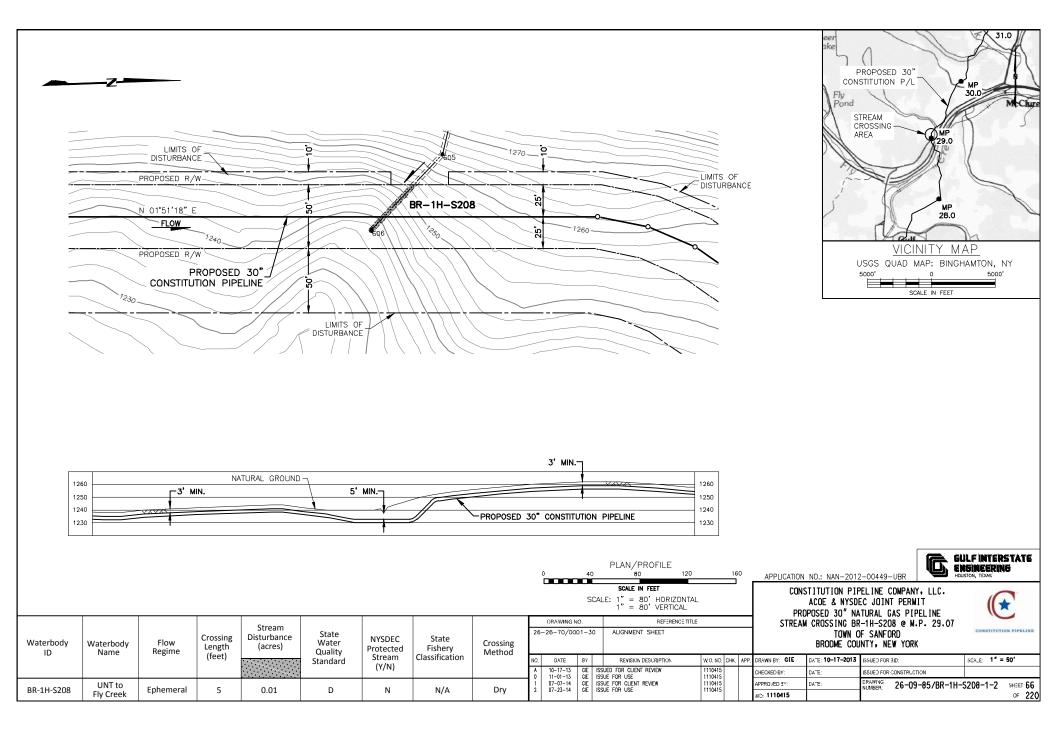
CONSTITUTION PIPELINE COMPANY, LLC.
ACOE & NYSDEC JOINT PERMIT
PROPOSED 30" NATURAL GAS PIPELINE
STREAM CROSSING BR-1H-S178 @ M.P. 28.78
TOWN OF SANFORD
BRODME COUNTY. NEW YORK

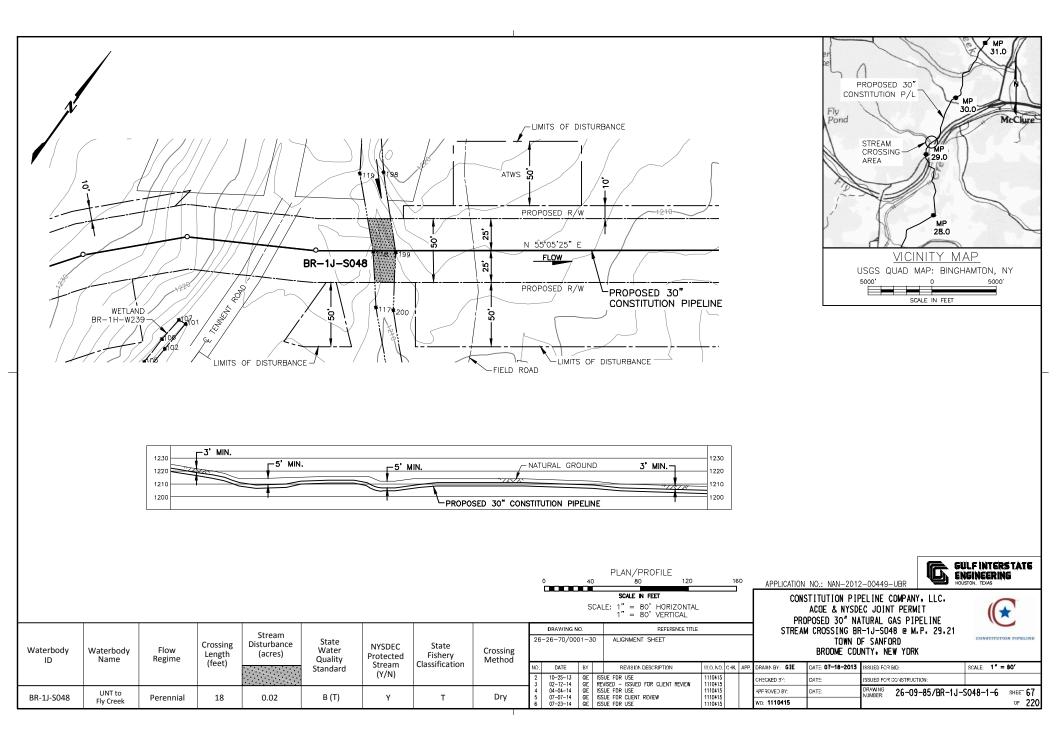


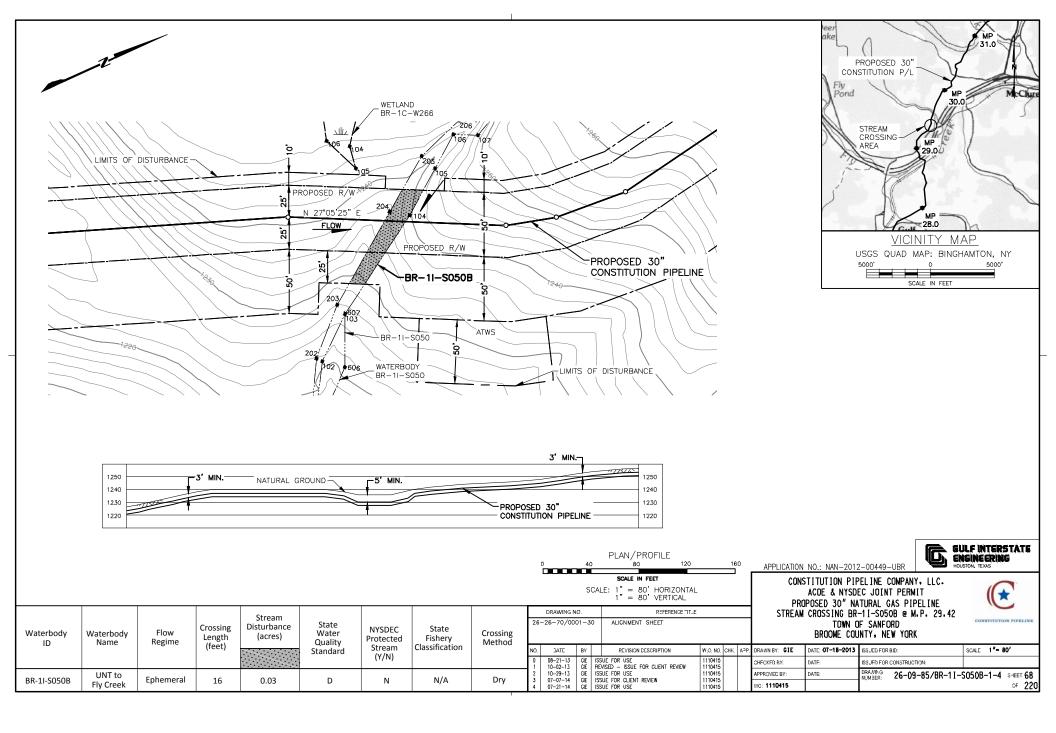
Waterbody ID	Waterbody Name	Flow Regime	Crossing Length	Stream Disturbance (acres)	State Water Quality	NYSDEC Protected	State Fishery	Crossing Method	26-2	26-70/00	01-27	7 AUGNMENT SHEET			JINLAM	TOWN O	F SANFORD NTY, NEW YORK	CONSTITUTION PIPELINE	
טו	Ivanic	ege	(feet)		Standard	Stream (Y/N)	Classification	Wicthou				REVISION DESCRIPTION  REVISED - ISSUE FOR USE  REVISED - ISSUE FOR USE	W.O. NO. CHK. APP 1110415 1110415	CHECKED E		DATE: <b>08-11-2013</b> DATE:	ISSUED FOR BID:	SCALE: 1" = 80'	
BR-1H-S178	Fly Creek	Perennial	31	0.04	B(T)	Y	B(T)	Dry	5 6	10-31-13 07-07-14	GIE GIE	ISSUE FOR USE ISSUE FOR CLIENT REVIEW ISSUE FOR USE	1110415 1110415 1110415	APPROVED WO: 1110		DATE:	DRAWING NUMBER: 26-20-85/BR-1H-S	178-1-7 SHEET 63 OF 220	

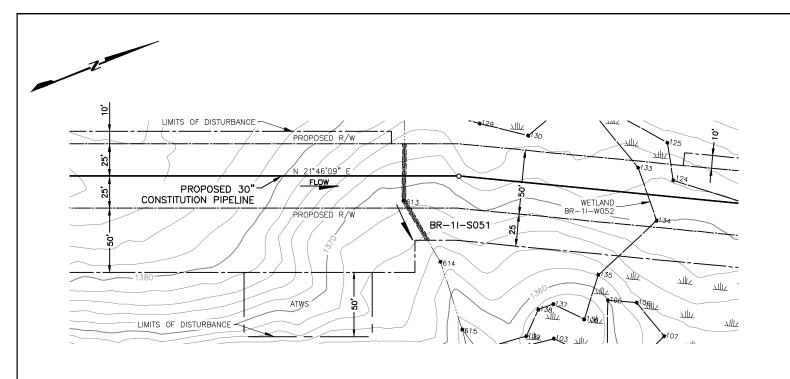


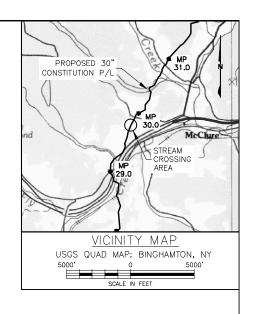


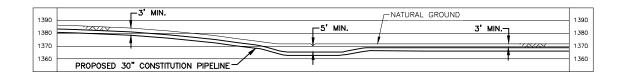












PLAN/PROFILE
80 120 160 APPLICATION NO.: NAN-2012-00449-UBR

SCALE IN FEET CONSTITUTION PIPELINE COMPANY, LLC.

GULF INTERSTATE
ENGINEERING
HOUSTON, TEXAS

SCALE:				HORIZONTAL VERTICAL
--------	--	--	--	------------------------

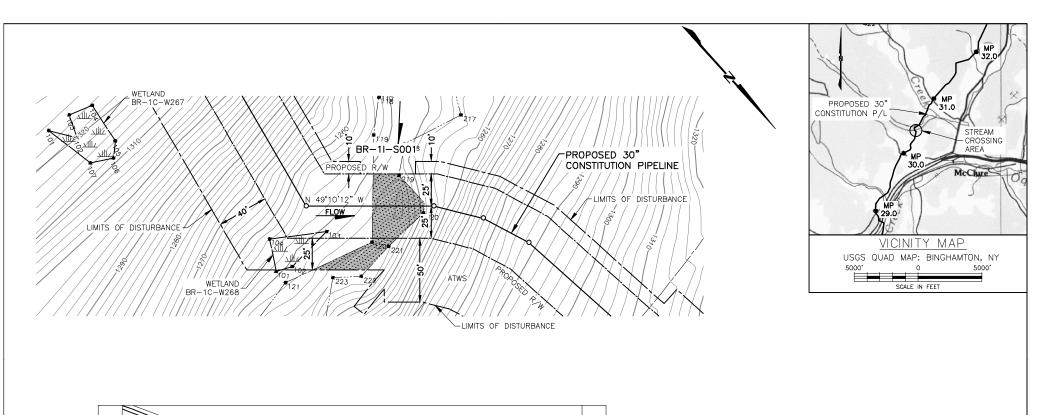
REFERENCE TITLE

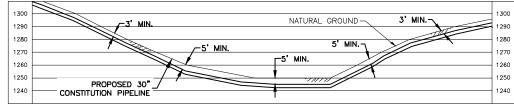
ACDE & NYSDEC JOINT PERMIT
PROPOSED 30" NATURAL GAS PIPELINE
STREAM CROSSING BR-11-S051 @ M.P. 29.77
TOWN OF SANFORD
BROOME COUNTY, NEW YORK



W	/aterbody	Waterbody Name	Flow Regime	Crossing Length	Disturbance (acres)	State Water Quality	NYSDEC Protected	State Fishery	Crossing Method	26-	-26-70/00	01-3	AUGNMENT SHEET					OF SANFORD UNTY, NEW YORK	CONSTITUTION PIPELINE
	15			(feet)		Standard	Stream (Y/N)	Classification	euiou				REVISION DESCRIPTION  ISSUE FOR USE REVISED — ISSUE FOR USE	W.O. N	15	CHECKED BY:	DATE: <b>07-18-2013</b> DATE:	ISSUED FOR BID: ISSUED FOR CONSTRUCTION	SCA_E: 1" = 80'
В	R-1I-S051	UNT to Fly Creek	Intermittent	3	0.01	D	N	N/A	Dry	2 3	10-24-13 07-01-14	GIE	ISSUE FOR USE ISSUE FOR CLIENT REVIEW ISSUE FOR USE	11104 11104 11104	15 15	APPROVED BY: WO: 1110415	DATE:	DRAWING NUMBER: 26-09-85/BR-1 I - S	6051-1-4 SHEET 69 OF 220

00000C





APPLICATION NO.: NAN-2012-00449-UBR

160

GULF INTERSTATE ENGINEERING HOUSTON, TEXAS

	SC	ALE	IN FE	ET
SCALE:				HORIZONTAL VERTICAL

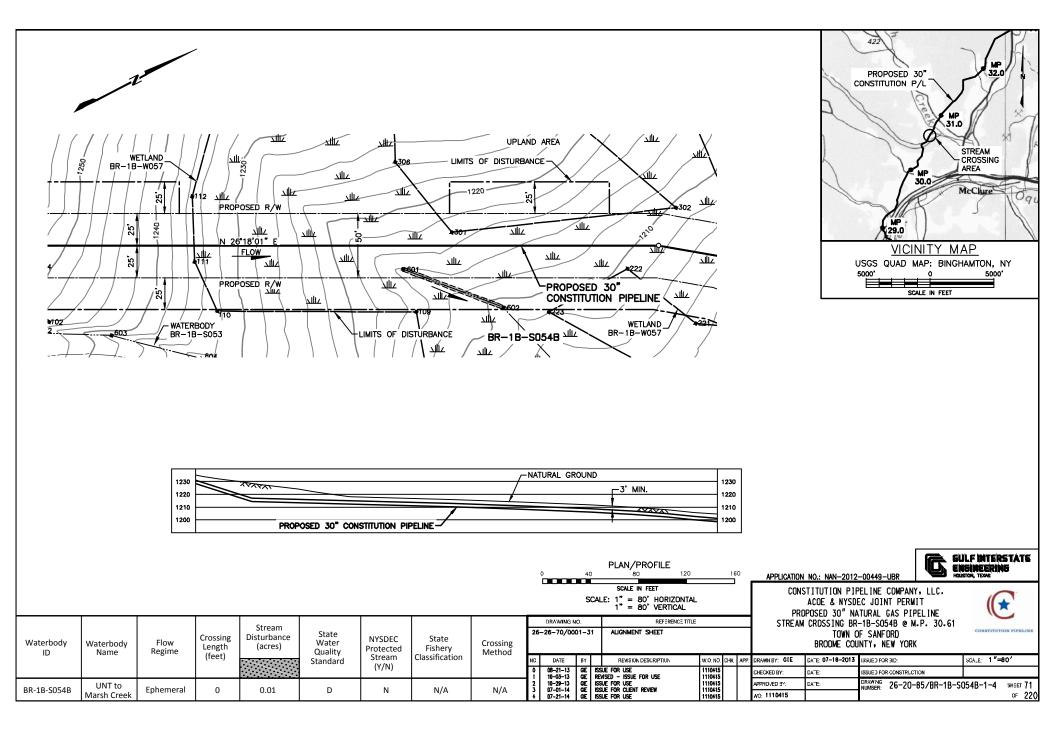
PLAN/PROFILE

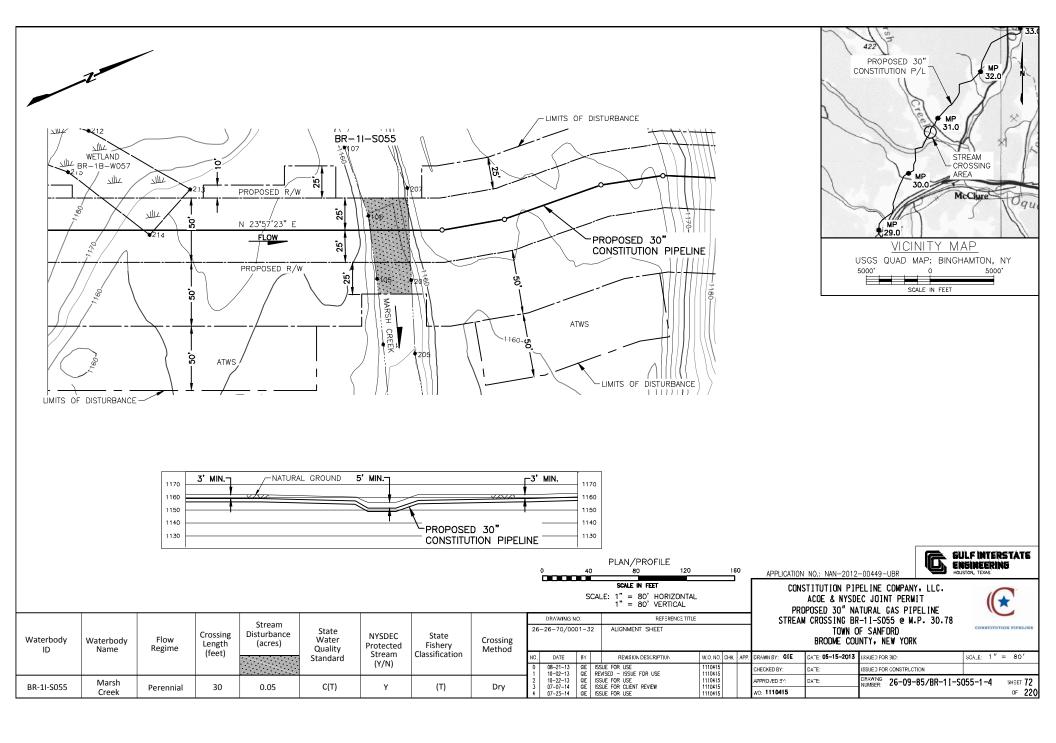
CONSTITUTION PIPELINE COMPANY, LLC. ACOE & NYSDEC JOINT PERMIT PROPOSED 30" NATURAL GAS PIPELINE

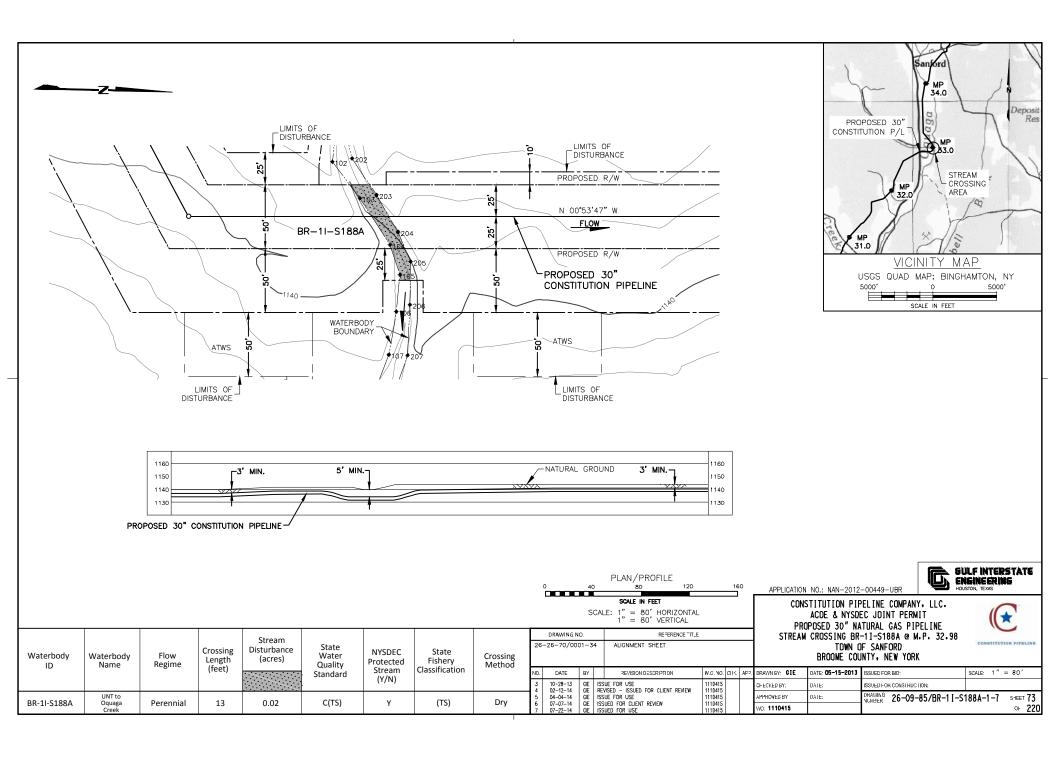
ONSTITUTION PIPELINE

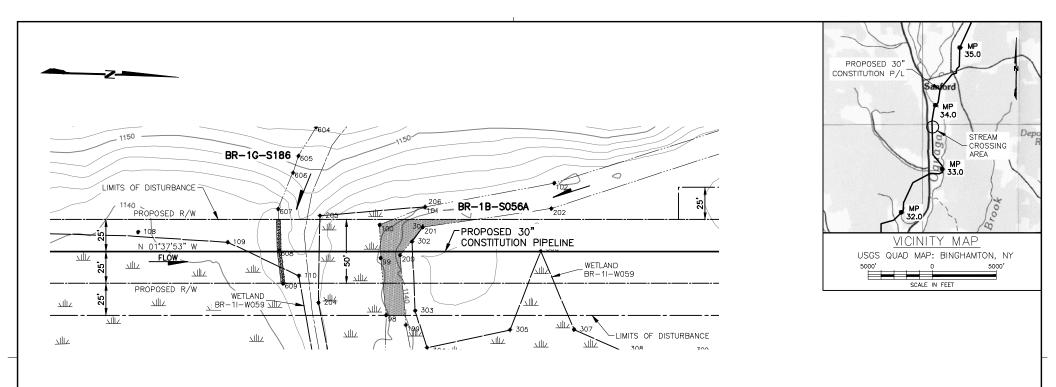
					Ctroom										J PRO	oposed 30" na	TURAL GAS PIPELINE	1	
				Crossing	Stream Disturbance	State	111/6056	State		DR.	AWING NO	1,	REFERENÇE TITLE				-1 I-S001 @ M.P. 30.41		
	Waterbody ID	Waterbody Name	Flow Regime	Length (feet)	(acres)	Water Quality Standard		Fishery Classification	Crossing Method	26-26-	6-26-70/0001-31		ALIGNMENT SHEET		TOWN OF SANFORD Broome County, New York			CONSTITUT	TION PIPELINE
							(Y/N)			NC.	DATE	BY		W.O. NO. CHK. APP.	DRAWN BY: GIE	DATE: 05-14-2013	ISSUED FOR BID:	SCALE: 1"	= 80'
Γ		UNT to												1110415 1110415	CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION		
	BR-1I-S001	Marsh	Perennial	40	0.05	C(T)	Υ	(T)	Dry	2 10-	-24-13	CIE IS	SUE FOR USE	1110415 1110415	APPROVED 3Y:	DATE:	DRAWING NUMBER: 26-09-85/BR-1I-SC	001-1-4	SHEET <b>70</b>
		Creek											SUE FOR USE	1110415	WO: 1110415				OF <b>220</b>

00000C









PLAN/PROFILE



APPLICATION NO.: NAN-2012-00449-UBR

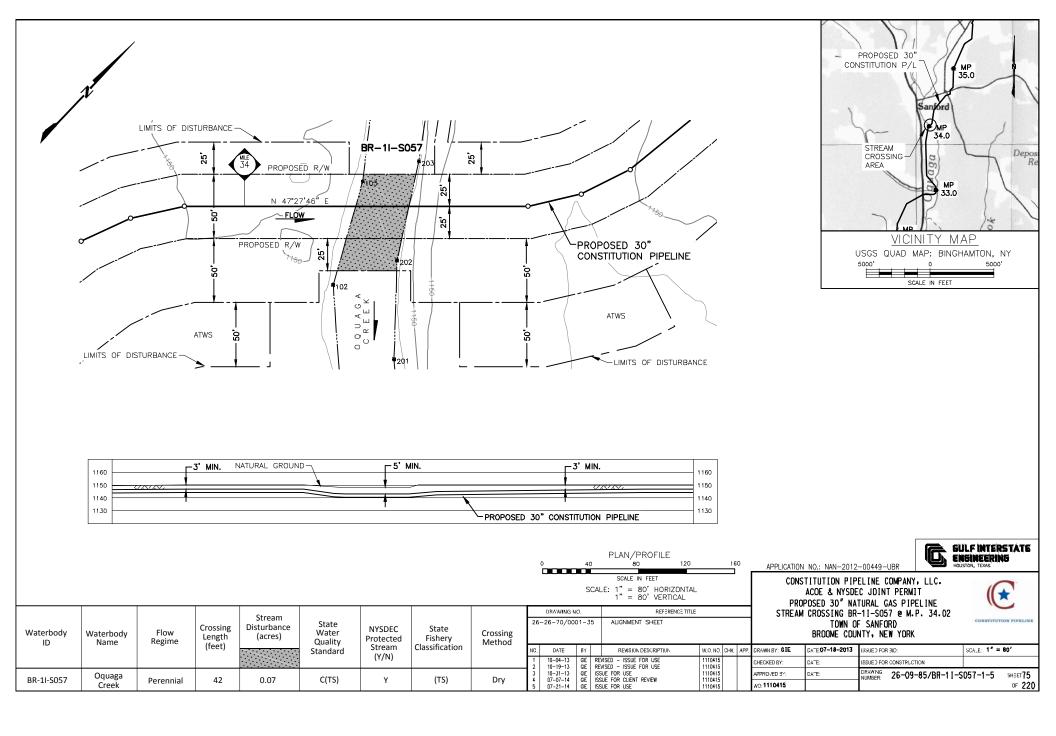


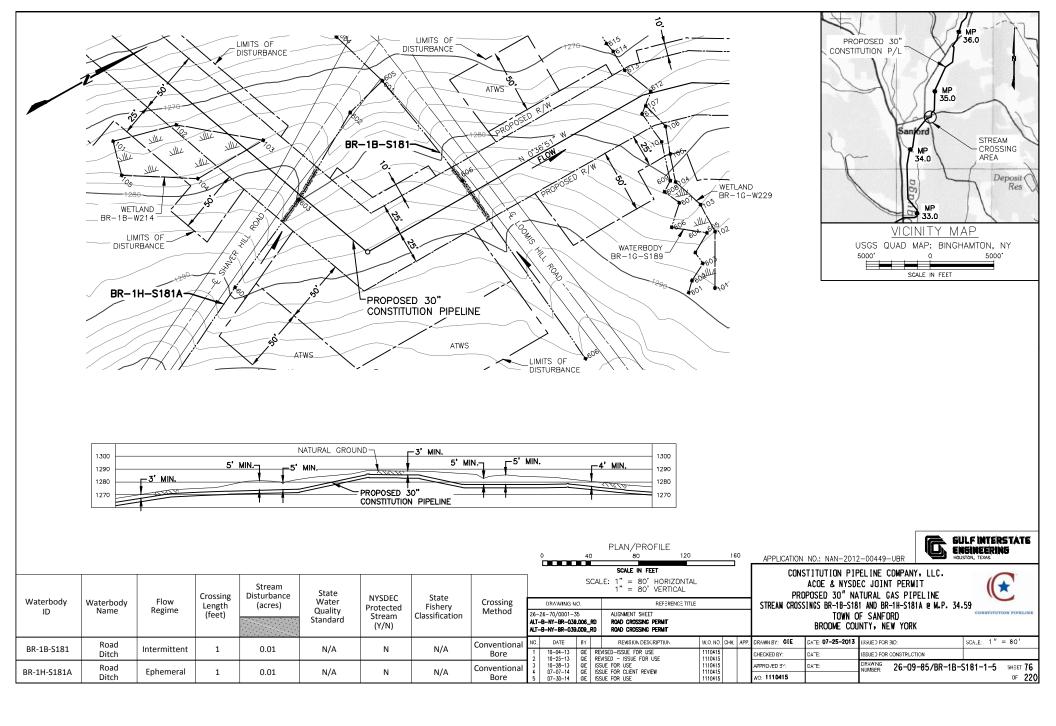
												SCALE IN FEET		_	Г
			Crossing	Stream Disturbance	State	NYSDEC	State				SO	CALE: 1" = 80' HORIZONTAL 1" = 80' VERTICAL			
Waterbody ID	Waterbody Name	Flow Regime	Length (feet)	(acres)	Water Quality Standard	Protected Stream	Fishery Classification	Crossing Method	26-	DRAWING N -26-70/00		REFERENCE TITLE  ALIGNMENT SHEET			}
					Standard	(Y/N)			L						$oxed{oxed}$
BR-1B-S056A	UNT to Oquaga Creek	Perennial	18	0.04	C(TS)	Y	(TS)	Dry	NO.	10-03-13 10-03-13		REVISION DESCRIPTION  REVISED — ISSUE FOR USE REVISED — ISSUE FOR USE	W.O. NO. 1110415 1110415		GHEC
BR-1G-S186	UNT to Oquaga Creek	Intermittent	3	0.01	D	N	N/A	Dry	3 4 5	10-28-13 07-07-14 07-21-14	GIE	ISSUE FOR USE ISSUE FOR CLIENT REVIEW ISSUE FOR USE	1110415 1110415 1110415		APPR WO: 1

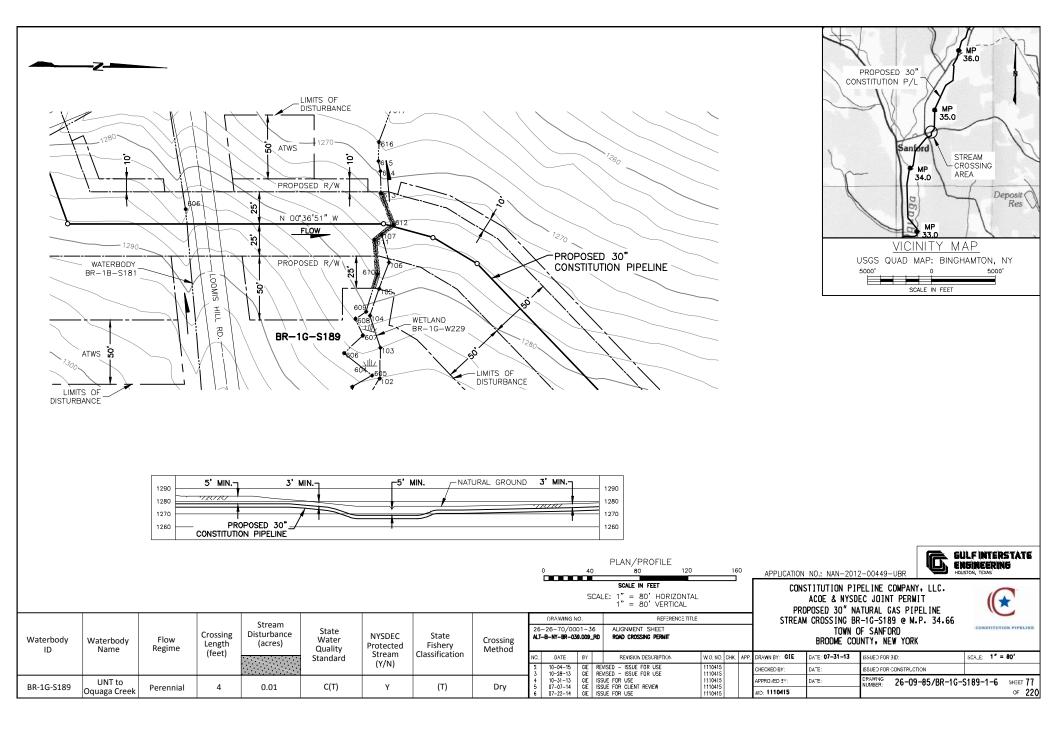
CONSTITUTION PIPELINE COMPANY, LLC. ACDE & NYSDEC JOINT PERMIT PROPOSED 30" NATURAL GAS PIPELINE STREAM CROSSINGS BR-1G-S186 AND BR-1B-S056A @ M.P. 33.66 TOWN OF SANFORD, BRODME COUNTY, NEW YORK

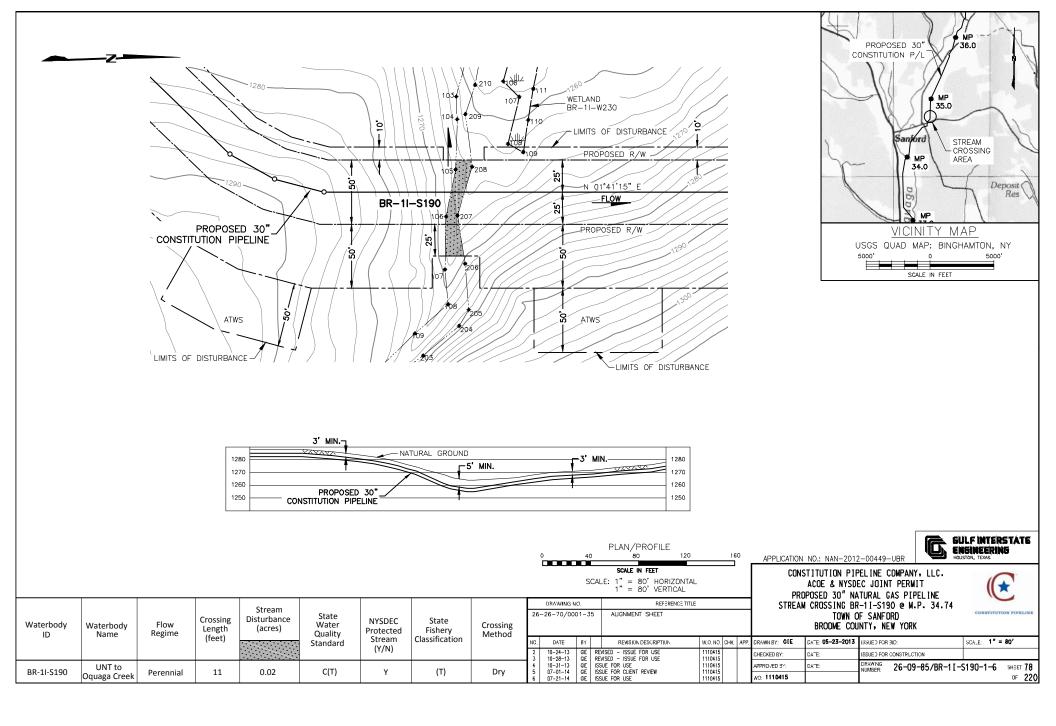
CONSTITUTION FIFELINE

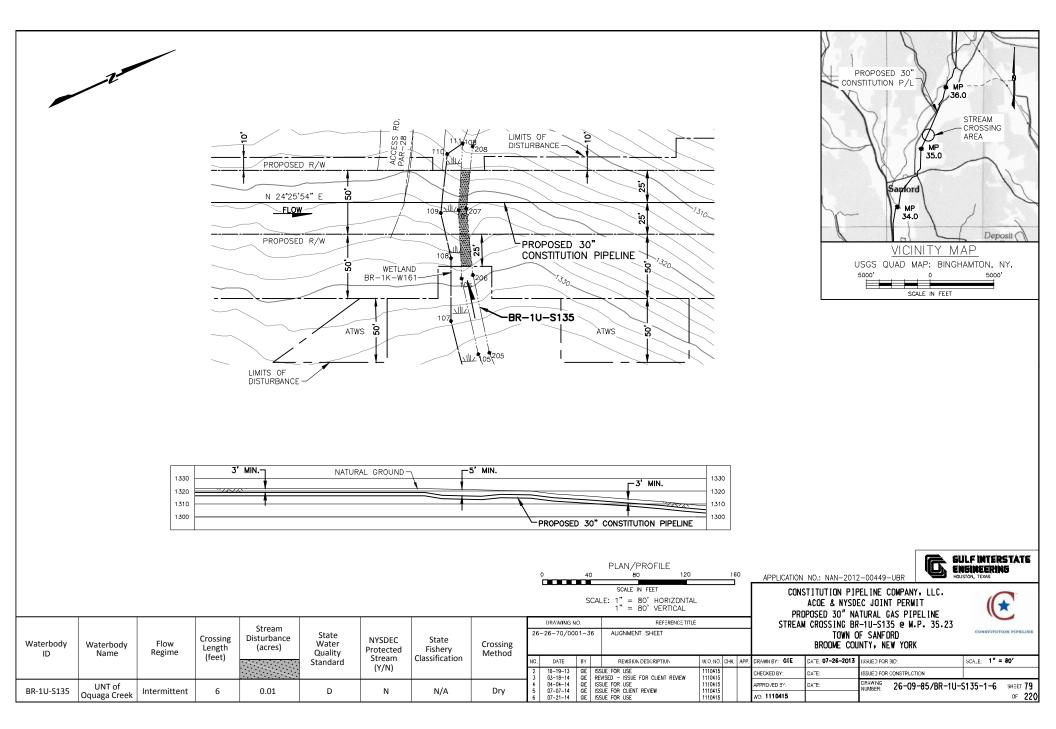
ÇHK.	AP⊇.	DRAWN BY: GIE	DATE:07-18-2013	ISSUED FOR BID: SCALE: 1" =	80'
		CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
		APPROVED BY:	DATE:	DRAWING 26-20-85/BR-1G-S186-1-5	SHEET <b>74</b>
		WO: 1110415			OF 220

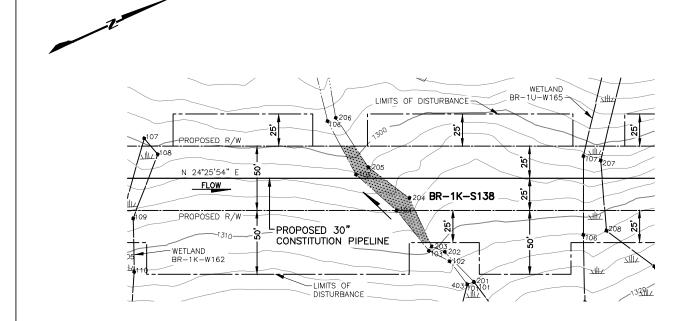


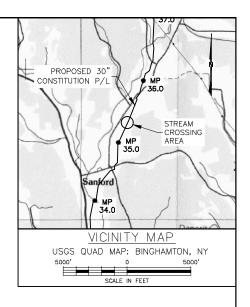


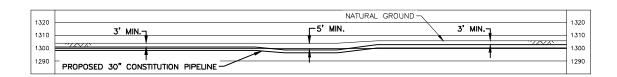












PLAN/PROFILE 160 SCALE IN FEET CONSTITUTION PIPELINE COMPANY, LLC.

REFERENÇE TITLE

APPLICATION NO.: NAN-2012-00449-UBR

GULF INTERSTATE
ENGINEERING
HOUSTON, TEXAS

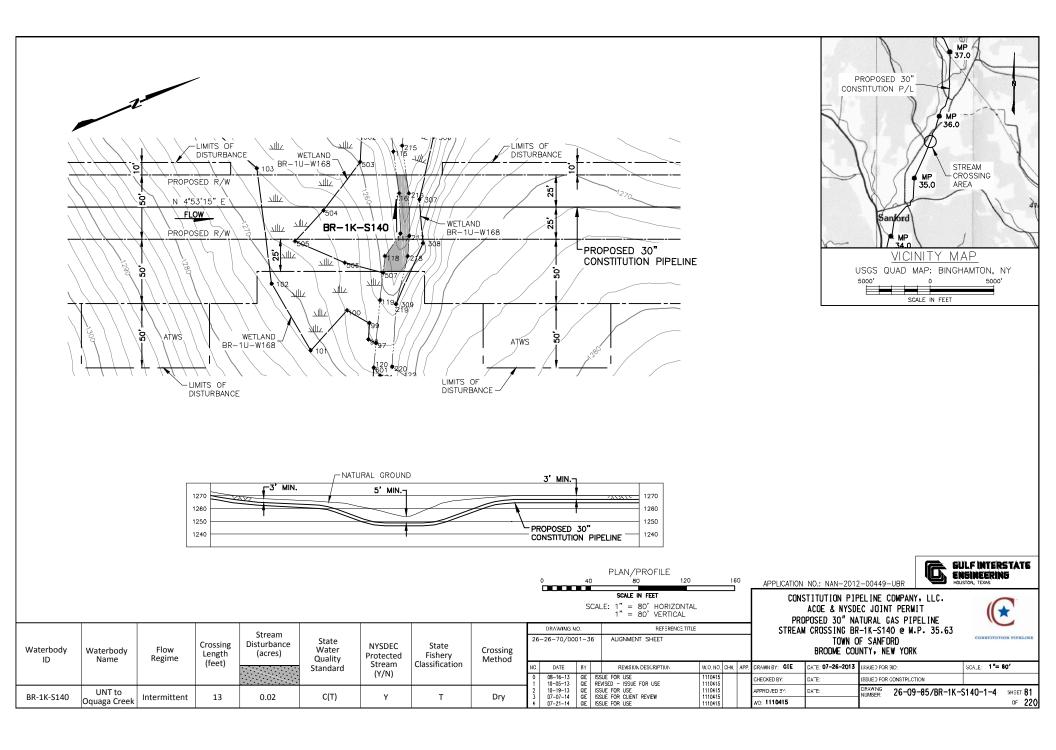
SCALE: 1" = 80' HORIZONTAL 1" = 80' VERTICAL

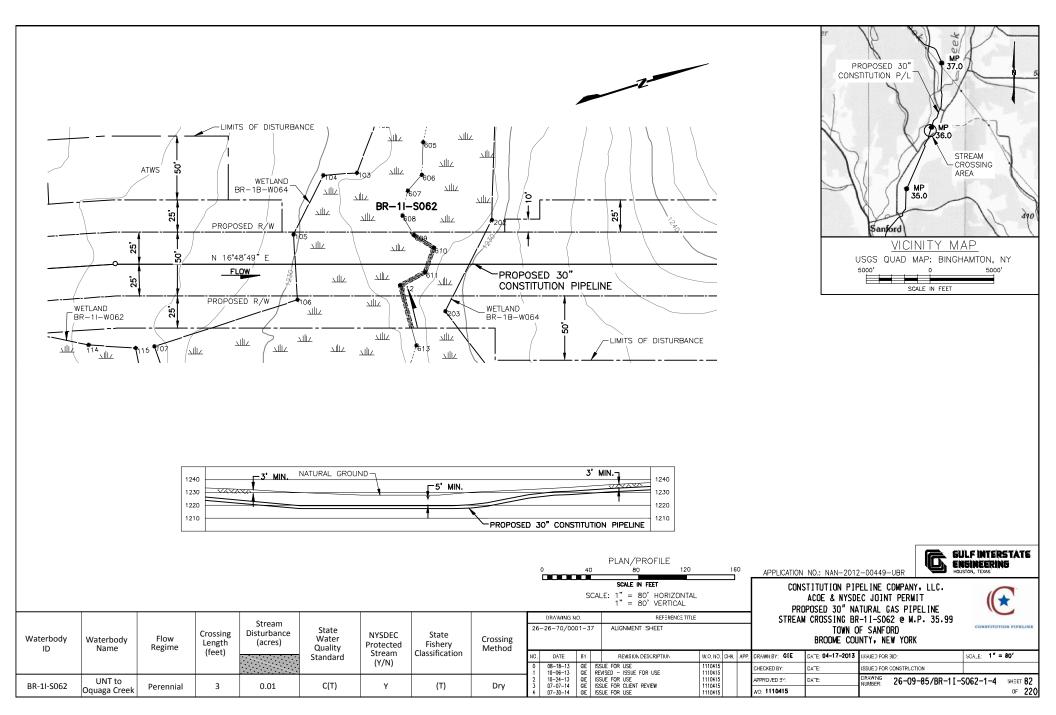
PROPOSED 30" NATURAL GAS PIPELINE STREAM CROSSING BR-1K-S138 @ M.P. 35.33

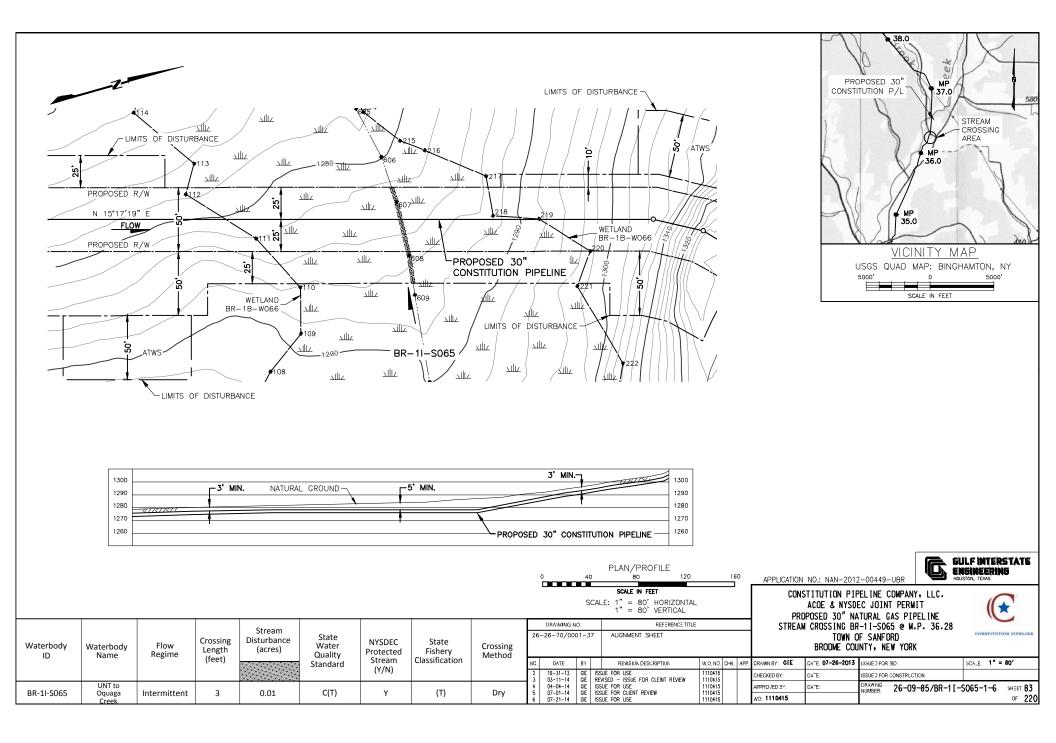
ACOE & NYSDEC JOINT PERMIT

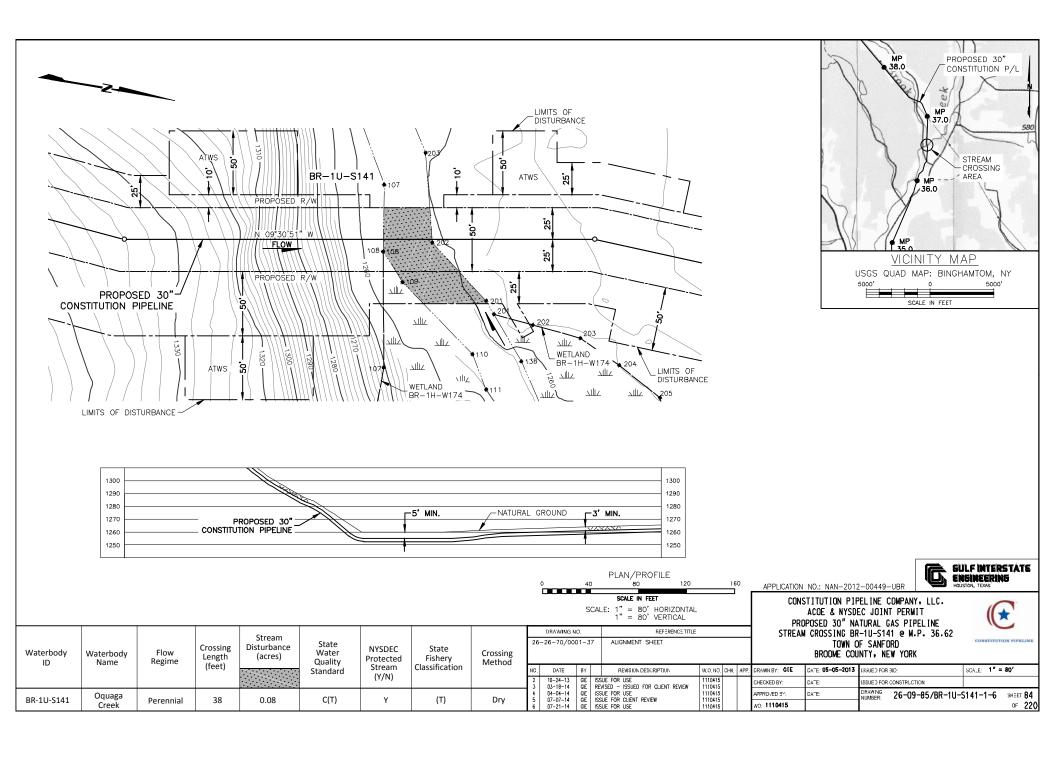


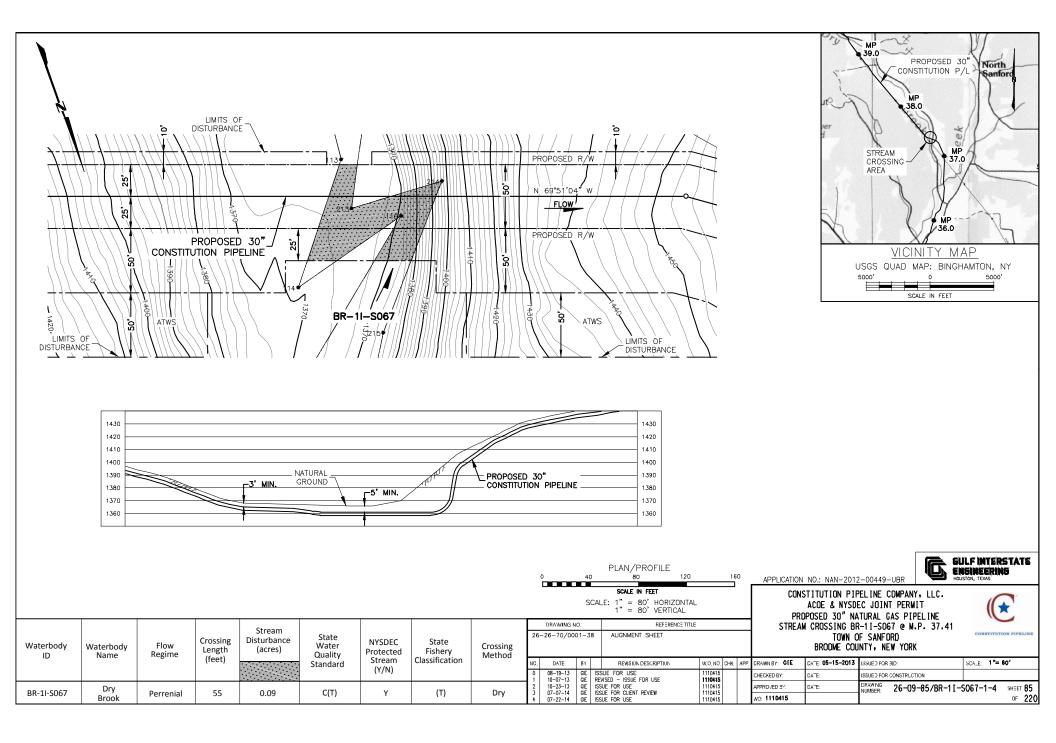
Waterbody	Waterbody Name	Flow Regime	Crossing Length	Disturbance (acres)	State Water Quality	NYSDEC Protected Stream (Y/N)	State Fishery Classification	Crossing Method	26-26-70/0001-36			6 ALIGNMENT SHEET	TOWN OF SANFORD BROOME COUNTY, NEW YORK				
	, rume		(feet)		Standard				NC.	DATE 10-19-13 03-18-13		REVISION DESCRIPTION  ISSUE FOR USE REVISED - ISSUE FOR CLIENT REVIEW	W.O. NO. CHK. APP. 1110415 1110415	-	DATE: <b>07-26-2013</b> DATE:	ISSUED FOR BID: ISSUED FOR CONSTRUCTION	SCALE: 1" = 80'
BR-1K-S138	UNT of Oquaga Creek	Intermittent	18	0.02	D	N	N/A	Dry		04-04-14 07-01-14	GIE GIE	ISSUE FOR USE	1110415 1110415 1110415	APPROVED 3Y: W0: 1110415	DATE:	DRAWING NUMBER: 26-09-85/BR-1K-S	5138-1-6 SHEET 80 OF 220

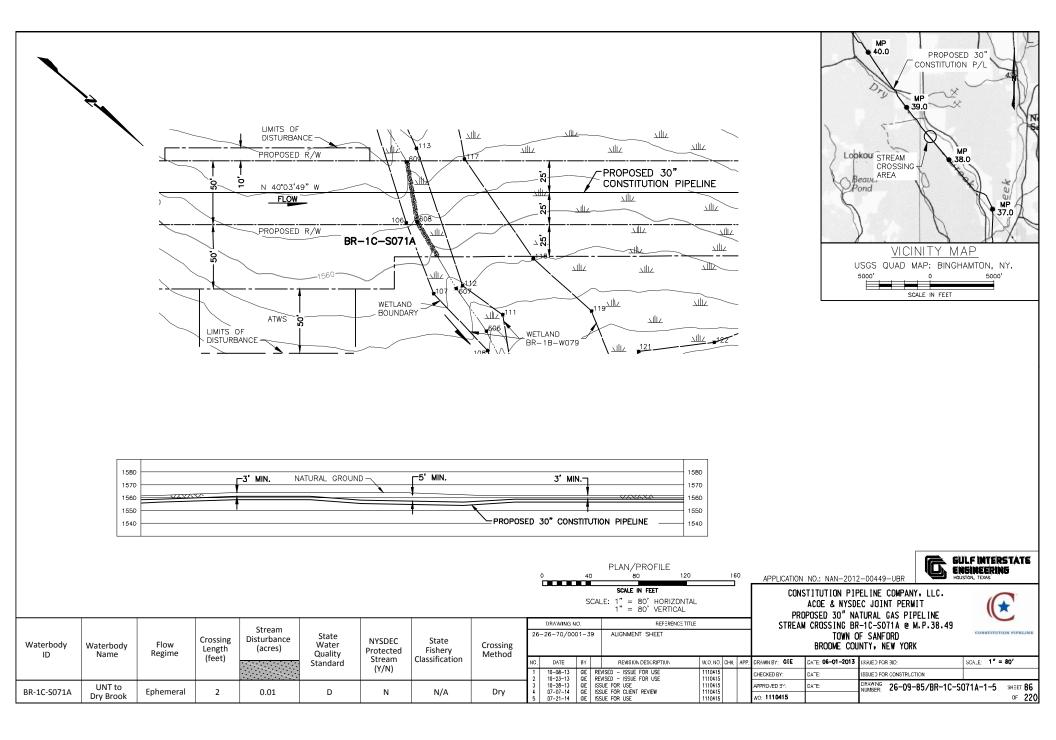


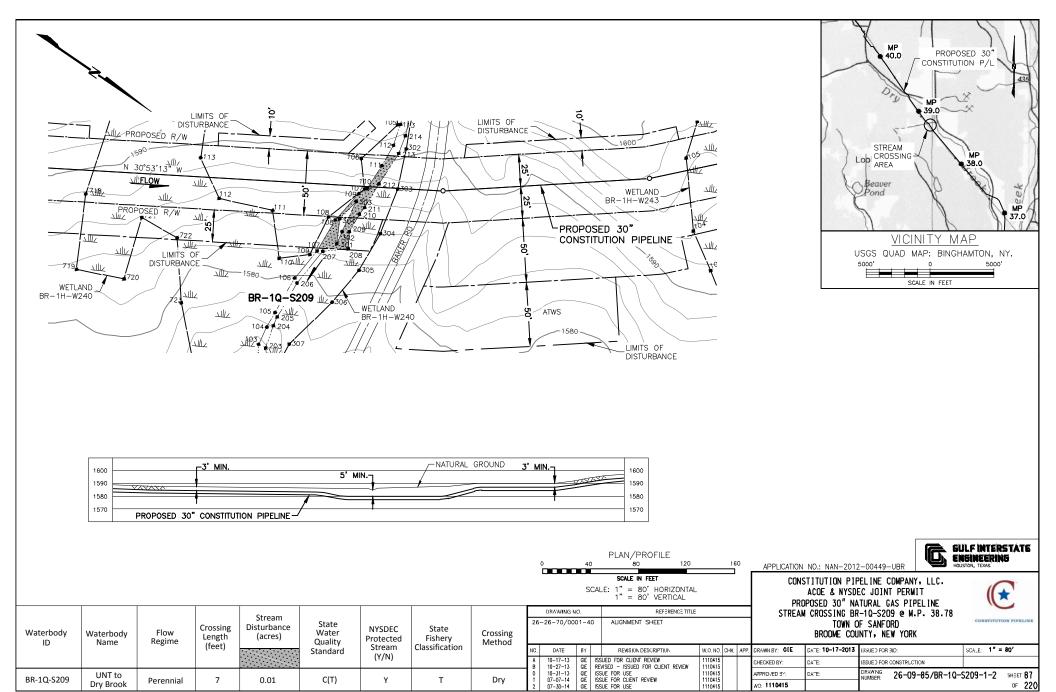












UNT to

Dry Brook

7

Perennial

0.01

C(T)

Υ

Т

Dry

BR-1Q-S209

PPROVED 3Y

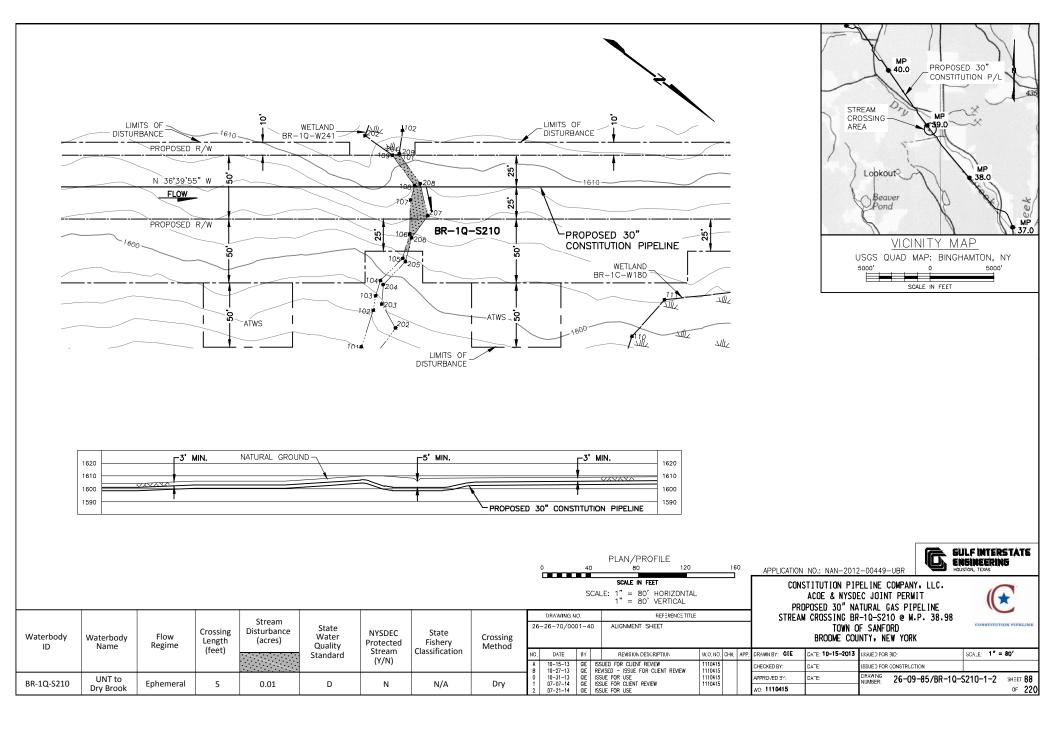
WO: 1110415

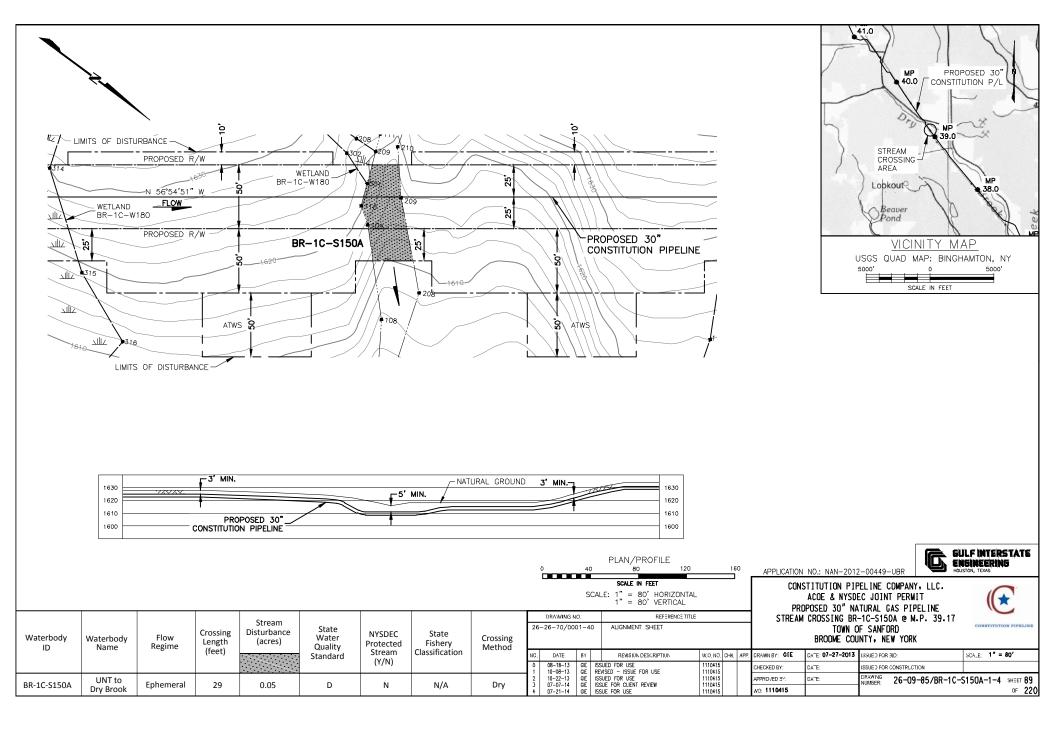
DATE:

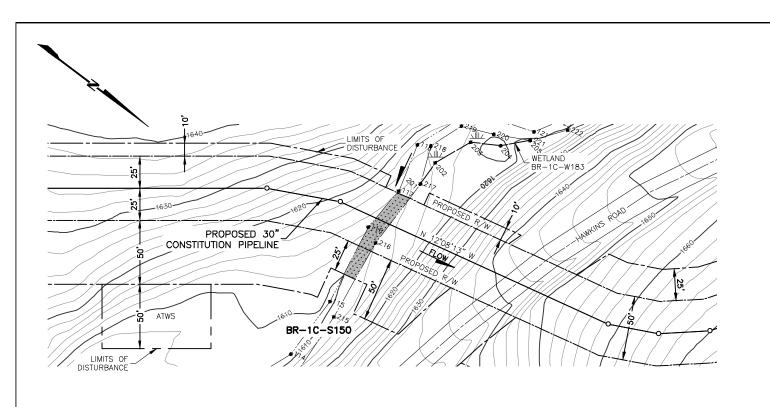
26-09-85/BR-1Q-S209-1-2

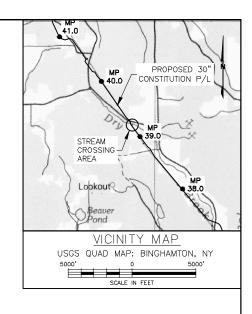
SHEET 87

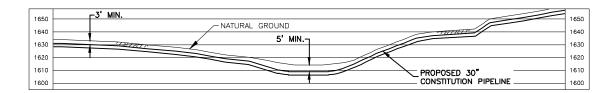
of 220











PLAN/PROFILE

40

80

120

160

APPLICATION NO.: NAN-2012-00449-UBR

SCALE IN FEET

CONSTITUTION PIPEL INF COMPA

REFERENCE TITLE

SCALE IN FEET

SCALE: 1" = 80' HORIZONTAL
1" = 80' VERTICAL

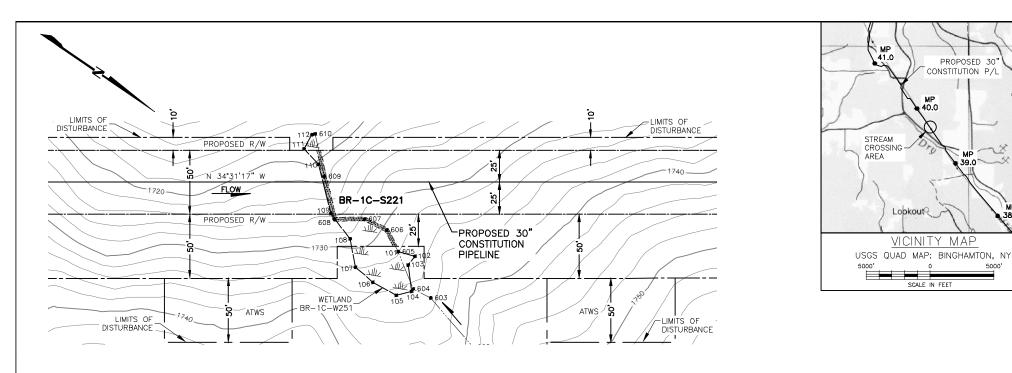
CONSTITUTION PIPEL INE COMPANY, LLC.
ACCE & NYSDEC JOINT PRINT
ACCE & NYSDEC JOINT PRINT

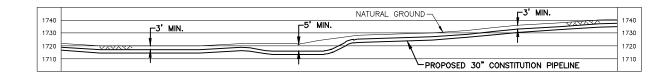
GULF INTERSTATE
ENGINEERING
HOLSTON, TEXAS

CONSTITUTION FIFELINE COMPANT, LLC.
ACOE & NYSDEC JOINT PERMIT
PROPOSED 30" NATURAL GAS PIPELINE
STREAM CROSSING BR-1C-S150 @ M.P. 39.29
TOWN OF SANFORD
PROOFE COUNTY NEW YORK



Waterbody	Waterbody Name	Flow Regime	Crossing Length	Disturbance (acres)	State Water Quality	NYSDEC Protected	State Fishery	Crossing Method	26-	-26-70/0	001-4	O AUGNMENT SHEET					OF SANFORD UNTY, NEW YORK	CONSTITUTION PIPELINE
15	, tunic	5	(feet)		Standard	Stream (Y/N)	Classification	Mediod	NC. 3 4	DATE 10-28-13 03-18-14		REVISION DESCRIPTION  REVISED — ISSUE FOR USE REVISED — ISSUED FOR CLIENT REVIEW	W.O. No. 111041	5	CHECKED BY:		ISSUED FOR BID: ISSUED FOR CONSTRUCTION	SCALE: 1" = 80'
BR-1C-S150	Dry Brook	Perennial	12	0.02	C (T)	Y	(T)	Dry	5 6 7	04-04-14 07-07-14	GIE	ISSUE FOR USE ISSUE FOR CLIENT REVIEW ISSUE FOR USE	111041 111041 111041	5	APPROVED BY: WO: 1110415	DATE:	DRAWING NUMBER: 26-09-85/BR-1C-	5150−1−7 SHEET 90 OF 220





APPLICATION NO.: NAN-2012-00449-UBR

160

GULF INTERSTATE ENGINEERING HOUSTON, TEXAS

SCALE IN FEET SCALE: 1" = 80' HORIZONTAL 1" = 80' VERTICAL

PLAN/PROFILE

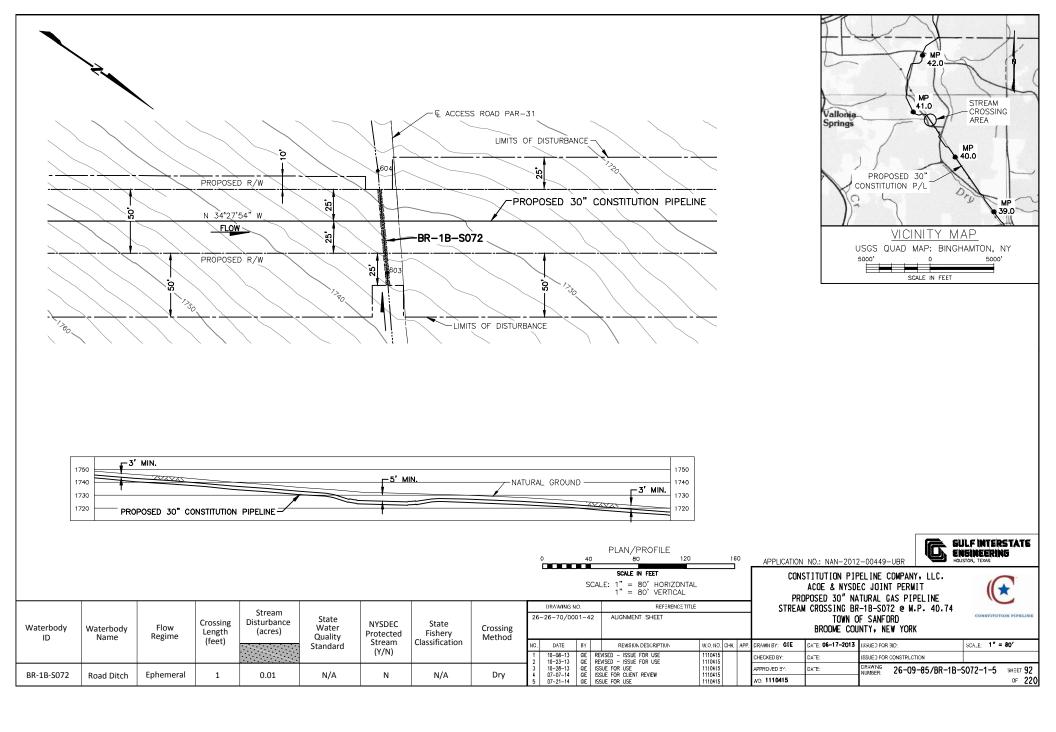
CONSTITUTION PIPELINE COMPANY, LLC. ACOE & NYSDEC JOINT PERMIT PROPOSED 30" NATURAL GAS PIPELINE STREAM CROSSING BR-1C-S221 @ M.P. 39.71

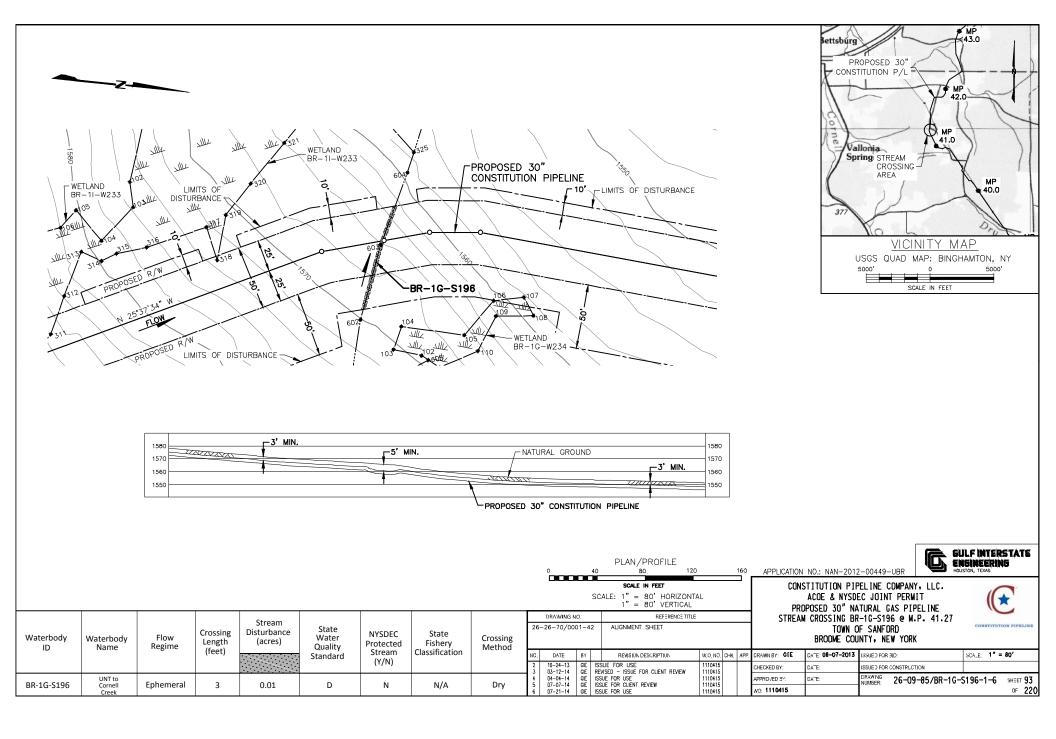


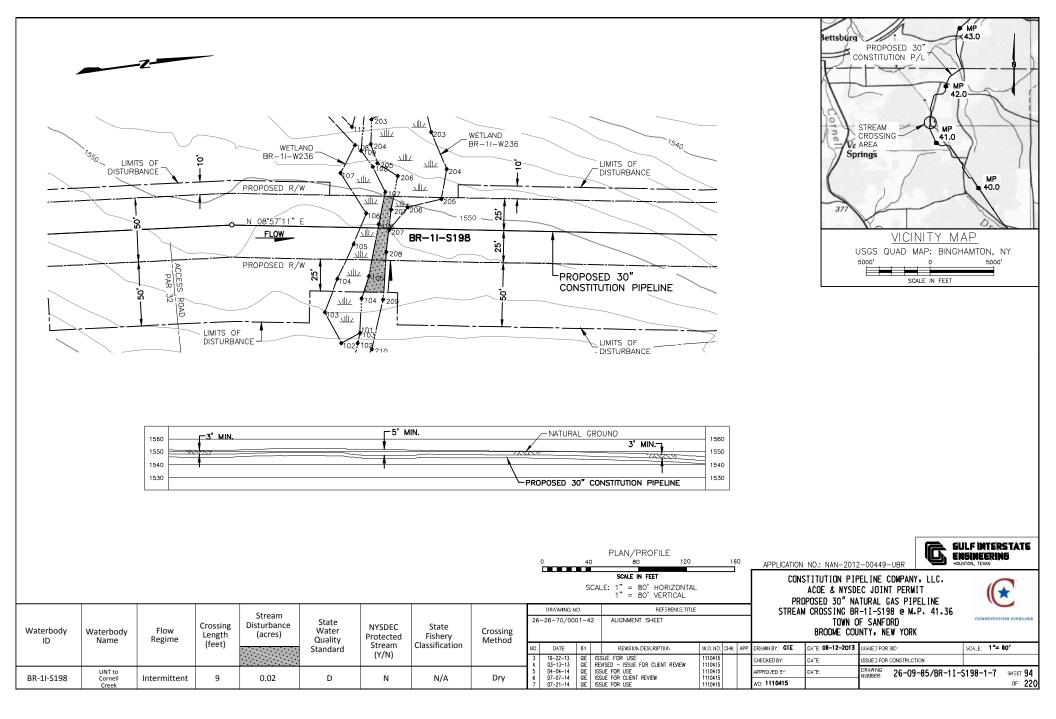
38.0

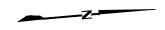
5000

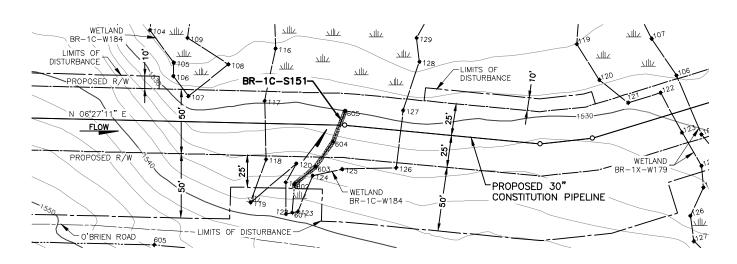
Waterbody ID	Waterbody Name	Flow Regime	Crossing Length	Disturbance (acres)	State Water Quality	NYSDEC Protected Stream (Y/N)	State Fishery Classification	Crossing Method	26-26-70/0001-40			AUGNMENT SHEET	ALIGNMENT SHEET			TOWN OF SANFORD BROOME COUNTY, NEW YORK			
	i i i i i i i i i i i i i i i i i i i		(feet)		Standard							REVISION DESCRIPTION  ISSUED FOR CLIENT REVIEW  REVISED - ISSUED FOR CLIENT REVIEW	W.O. NO. CHK. APP 1110415 1110415	CRAWN BY: GIE CHECKED BY:		ISSUED FOR BID: ISSUED FOR CONSTRUCTION	SCALE: 1" = 80'		
BR-1C-S221	UNT to Dry Brook	Ephemeral	3	0.01	D	N	N/A	Dry	0 1	10-31-13 07-07-14	GIE	ISSUE FOR USE	1110415 1110415 1110415	APPROVED 3Y: 1110415	DATE:	DRAWING NUMBER: 26-09-85/BR-1C-S	221-1-2 SHEET 91 220		

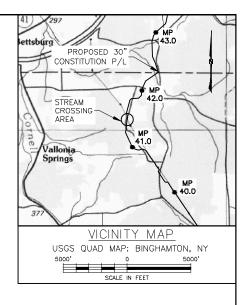


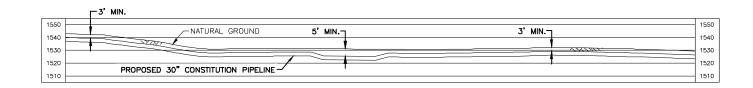












PLAN/PROFILE 160 SCALE IN FEET

APPLICATION NO.: NAN-2012-00449-UBR

GULF INTERSTATE ENGINEERING HOUSTON, TEXAS

SCALE: 1" = 80' HORIZONTAL 1" = 80' VERTICAL

CONSTITUTION PIPELINE COMPANY, LLC. ACOE & NYSDEC JOINT PERMIT PROPOSED 30" NATURAL GAS PIPELINE STREAM CROSSING BR-1C-S151 @ M.P. 41.47



Waterbody	Waterbody Name	Flow Regime	Crossing Length	Disturbance (acres)	State Water Quality	Stroam	State Fishery Classification	Crossing Method	26-26-70/0001-42			ALIGNMENT SHEET	TOWN OF SANFORD BROOME COUNTY, NEW YORK				
			(feet)		Standard							SUE FOR USE	W.O. NO. CHK. APR 1110415 1110415	+		ISSUED FOR BID:	SCALE: 1" = 80'
BR-1C-S151	UNT to Cornell Creek	Ephemeral	3	0.01	D	N	N/A	Dry	4 5	04-11-14 07-07-14	GIE IS	SUE FOR USE	1110415 1110415 1110415	APPROVED BY: WO: 1110415	DATE:	DRAWING NUMBER: 26-09-85/BR-1C-S	1151-1-6 SHEET 95 OF 220

