

Boring No.

Core Barrel Type:

Size:

B-02

. 000 a 0	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			TEL / N. COID.	B-0	2
				3 Pioneer Drive, Leominster, MA 01453 8) 840-0391	Scale: N.T.S.	of 1
City / Tow	n: Coventry, RI	Assignment: N/	4	Project File No. 24-04014	Contract No. N/A	
Location:	Nooseneck Hill	Road (Route 3).		Date and Time Started: 6/12/2	24	Γotal Hours:
Groundwa	ater Depth:	7'0" Date & Time: 6/1	12/2024	Date and Time Completed: 6/2	12/24	N/A
Coordinat	es: Per Pro	ject Plans		Driller's Name: George Guinto	Helper's Name: AV	,
Ground El	evation: N/A	Inspector's Nam	e (Print): N/A	Inspector's Signature: N/A	Inspector's Compa	ny: F&O
Sample	Depth Range	Blows per 6 Inches	Recovery	Field Desc	ription	Strata
Number	(Feet)	Coring Times (Min/Ft	(inches)			Changes
1	0′0″-0′6″ 0′6″-1′4″	40-75/4"	6"	ASPHALT		6"
1	0014	40 73,4		Very dense, brown, dry, fine to trace of silt, cobbles. (FILL)	o coarse SAND and gravel	
2	5′0″-6′6″	1-1-1	12"	Soft, black, wet, organic SILT		5'0" 6'6"
2A	6'6"-7'0"	6	5"			
				Very dense to medium dense, SAND, some gravel and silt, tra		е
3	10'0"-12'0"	10-25-32-10	13"			
4	15′0″-17′0″	10-15-15-14	15"			
		20 20 20 2				
						17'0"
				EOB @ 17' BGS		
				GW at 7' BGS upon completion	n.	
Remarks:			l		Protective Device: Stand	
	l of Boring ow Grade Surfac	e	GW = Groundwa No Wells installe		Well Depth: Solid Stick Up Pipe: Scree	Pipe: n Pipe:
BGS - BEN	ow Grade Sariae	Penetration Resista			Type of Drill Rig: Truck N	·
Co	ohesionless Soils	(Sands, Gravels)		ive Soils (Silts, Clays)	Hollow Stem Auger 4 ¼	
Relativ	ve Density:	Penetration Resistance:	Consistency	Penetration Resistance	Casing Type: Si	ze:
Ver	y Loose	0 – 4	Very Soft	0 – 2	Depth: Fa	all:
L	oose	4 - 10	Soft	2 – 4	Hammer Weight:	
Medi	um Dense	10 - 30	Medium Stif	f 4-8	Sampler Type: Si	ze:
D	ense	30 - 50	Stiff	8 – 15	Automatic Hammer Wei	ght: 140lbs
Ver	y Dense	Over 50	Very Stiff	15 – 30	Safety Hammer Weight:	NONE
			Hard	Over 30	Donut Hammer Weight:	NONE
N = Sum o	of Second and Th	ird 6" Blow Counts			Fall: 30"	

Terms Used for Second Entry of Descriptions: and = 40–50% Some = 10–40% trace = 10% or less



Boring No.

FUSS & C)'NEILL		<u> </u>	OIL X, Corp.	B-03	
				8 Pioneer Drive, Leominster, MA 01453 78) 840-0391	Sheet 1 of 1	
City / Tow	n: Coventry, RI	Assignment: N/A	,	Project File No. 24-04014	Scale: N.T.S. Contract No. N/A	
	Reservoir Road	Assignment. W/A	•	Date and Time Started: 4/28/2		tal Hours:
		6'0" Date & Time: 4/2	20/2024			
	•	•	28/2024	Date and Time Completed: 4/2		N/A
Coordinat	•	ject Plans	(5.1.1)	Driller's Name: George Guinto	· · · · · · · · · · · · · · · · · · ·	
	levation: N/A	Inspector's Name		Inspector's Signature: N/A	Inspector's Company	1
Sample Number	Depth Range (Feet)	Blows per 6 Inches	Recovery (inches)	Field Descri	ription	Strata Changes
Number	0'0"-0'6"	Coring Times (Min/Ft)	(inches)	ACDUALT		6"
1	0'6"-2'6"	30-27-21-21	14"	ASPHALT		ь
				Very dense to medium dense,		
	2′6″-4′6″	7-5-6-6	14"	coarse SAND, some gravel, tra	ce of silt, cobbles. (FILL)	5′0″
2	5′0″-7′0″	7-10-10-11	17"			50
				Medium dense to dense, tan, some silt, traces of gravel.	wet, fine to coarse SAND,	
				Some siit, traces of graver.		
3	10'0"-12'0"	13-13-21-15	18"			
4	15′0″-17′0″	13-18-23-31	12"			
						17′0″
				EOB @ 17' BGS GW at 6' BGS upon completion	2	
				aw at o bas apon completion		
Remarks:					Protective Device: Stand:	Box:
	d of Boring		GW = Groundwa		Well Depth: Solid Pip	
BGS = Belo	ow Grade Surfac		No Wells install	ed	Stick Up Pipe: Screen I	
<u> </u>	ahasianlasa Saila	Penetration Resista (Sands, Gravels)		sive Soils (Silts, Clays)	Type of Drill Rig: Truck Mo	unted Rig
	1	Penetration Resistance:	Consistency	1	Hollow Stem Auger 4 ¼ Casing Type: Size	
	· L	0 – 4	•		Depth: Fall:	
	y Loose .oose	0 – 4 4 - 10	Very Soft Soft	0 – 2 2 – 4	Hammer Weight:	
	.oose um Dense	4 - 10 10 - 30	Medium Stif		Sampler Type: Size	:
	om Dense Dense	30 - 50	Stiff	8 – 15	Automatic Hammer Weigh	
	y Dense	Over 50	Very Stiff	15 – 30	Safety Hammer Weight: N	
VEI	y Delise	OVEL JU	Hard	0ver 30	Donut Hammer Weight: N	
 N = Sum c	of Second and Th	ird 6" Blow Counts	ПdIU	Over 50	Fall: 30"	
			40–50% Some = 1	10–40% trace = 10% or less	Core Barrel Type: Size	:



Boring No.

Core Barrel Type:

Size:

FUSS & C)'NEILL		==≥	CIL X, Corp.	B-	04
				3 Pioneer Drive, Leominster, MA 01453 (8) 840-0391		1 of 1
				·	Scale: N.T.S.	
	n: Coventry, RI		Α	Project File No. 24-04014	Contract No. N	
Location:	Reservoir Road			Date and Time Started: 4/29/2	24	Total Hours:
Groundwa	ater Depth:	10'0" Date & Time: 4/2	29/2024	Date and Time Completed: 4/2	29/24	N/A
Coordinat	es: Per Pro	ject Plans		Driller's Name: George Guinto	Helper's Name:	СТ
Ground E	levation: N/A	Inspector's Name	e (Print): N/A	Inspector's Signature: N/A	Inspector's Com	pany: F&O
Sample	Depth Range	Blows per 6 Inches	Recovery	Field Desci	ription	Strata
Number	(Feet)	Coring Times (Min/Ft)	(inches)			Changes
1	0′0″-0′7″ 0′7″-2′7″	7-8-6-3	16"	ASPHALT		7"
	07-27	7-8-0-3	10	Very dense to medium dense,	brown, dry, fine to coa	arse
	2′7″-4′7″	5-3-4-7	15"	SAND, trace of silt. (FILL)		-1-11
2	5′0″-7′0″	12-17-16-14	17"			5′0″
_						
				Dense to very dense, grey, v some gravel, trace of silt.	vet, fine to coarse SA	ND,
				Some graver, trace or sitt.		
3	10'0"-12'0"	16-16-21-28	17"			
4	4510" 4710"	26 22 40 54	47"			
4	15′0″-17′0″	36-33-40-51	17"			
						17′0″
				EOB @ 17' BGS		
				GW at 10' BGS upon completion	on.	
Remarks:			0.44		Protective Device: Sta	-
	d of Boring ow Grade Surfac	ce	GW = Groundwa No Wells installe		•	id Pipe: een Pipe:
200 20.		Penetration Resista			Type of Drill Rig: Truc	•
Co	ohesionless Soils	(Sands, Gravels)	Cohes	ive Soils (Silts, Clays)	Hollow Stem Auger 4	
Relativ	ve Density:	Penetration Resistance:	Consistency	Penetration Resistance	Casing Type:	Size:
Ver	y Loose	0 – 4	Very Soft	0 – 2	Depth:	Fall:
L	.oose	4 - 10	Soft	2 – 4	Hammer Weight:	
Medi	um Dense	10 - 30	Medium Stif	f 4-8	Sampler Type:	Size:
)ense	30 - 50	Stiff	8 – 15	Automatic Hammer V	
Ver	y Dense	Over 50	Very Stiff	15 – 30	Safety Hammer Weig	
N. C	4 Caas : 1 1 1	sind C" Dlass Carry	Hard	Over 30	Donut Hammer Weig	nt: NONE
N = Sum o	or Second and Th	nird 6" Blow Counts			Fall: 30"	

Terms Used for Second Entry of Descriptions: and = 40–50% Some = 10–40% trace = 10% or less



Boring No.

Core Barrel Type:

Size:

B-05

. 000 & 0	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			CIL / N, COID.	B-0	5
				Pioneer Drive, Leominster, MA 01453 8) 840-0391	Scale: N.T.S.	of 1
City / Tow	n: Coventry, RI	Assignment: N/	4	Project File No. 24-04014	Contract No. N/A	
Location:	High School Dri	veway		Date and Time Started: 6/14/2	24	Total Hours:
Groundwa	ater Depth: N	one Date & Time:		Date and Time Completed: 6/1	14/24	N/A
Coordinat	tes: Per Pro	ject Plans		Driller's Name: George Guinto	Helper's Name: A\	1
Ground E	levation: N/A	Inspector's Nam	e (Print): N/A	Inspector's Signature: N/A	Inspector's Compa	ny: F&O
Sample	Depth Range	Blows per 6 Inches	Recovery	Field Descr	ription	Strata
Number	(Feet)	Coring Times (Min/Ft)	(inches)			Changes
1	0′0″-0′4″ 0′6″-2′6″	10-17-31-31	12"	ASPHALT		4"
_	00-20	10-17-31-31	12	Dense to medium dense, brow	vn, dry, fine to coarse	
				SAND, trace of silt. (FILL)		
2	5′0″-7′0″	15-27-28-40	17"			5′0″
	30 70	13 27 20 40	1			
				Very dense, brown, dry, fine	e to coarse SAND, som	е
				gravel, trace of silt.		
3	10'0"-12'0"	27-35-35-41	18"			
4	15′0″-17′0″	45-47-50-65	14"			
						17'0"
						170
				EOB @ 17' BGS		
				GW not encountered upon cor	mpletion.	
Daws - ::l:					Duatactive Devices C	l. Davi
Remarks: EOB = End	d of Boring		GW = Groundwa	ater	Protective Device: Stand Well Depth: Solid	
	ow Grade Surfac	ce	No Wells installe	ed	Stick Up Pipe: Screen Pipe:	
		Penetration Resista			Type of Drill Rig: Truck N	∕lounted Rig
		(Sands, Gravels)		ive Soils (Silts, Clays)	Hollow Stem Auger 4 ¼	
Relativ	ve Density:	Penetration Resistance:	Consistency	Penetration Resistance	5.7,55	ize:
Ver	y Loose	0 – 4	Very Soft	0 – 2	- - -	all:
	oose	4 - 10	Soft	2 – 4	Hammer Weight:	··
	um Dense	10 - 30	Medium Stiff	_	71	ize:
	Dense	30 - 50	Stiff	8 – 15	Automatic Hammer We	_
Ver	y Dense	Over 50	Very Stiff	15 – 30	Safety Hammer Weight:	
N. Corre	of Concerd and T	sind C" Place County	Hard	Over 30	Donut Hammer Weight:	NUNE
N = Sum C	or Second and Th	nird 6" Blow Counts	40 500/ 5	0.400/ hrane 400/	Fall: 30"	··

Terms Used for Second Entry of Descriptions: and = 40–50% Some = 10–40% trace = 10% or less

Client: Boring No. SOIL X, Corp. **FUSS & O'NEILL** P-02 148 Pioneer Drive, Leominster, MA 01453 Sheet 1 of 1 (978) 840-0391 Scale: N.T.S. City / Town: Coventry, RI Assignment: N/A Project File No. 24-04014 Contract No. N/A Location: High School Driveway Date and Time Started: 6/12/24 **Total Hours:** Groundwater Depth: Date & Time: Date and Time Completed: 6/14/24 N/A Driller's Name: George Guinto Helper's Name: AV Coordinates: Per Project Plans Ground Elevation: N/A Inspector's Name (Print): N/A Inspector's Company: F&O Inspector's Signature: N/A Depth Range Blows per 6 Inches Recovery Field Description Sample Strata Number (Feet) (inches) Changes Coring Times (Min/Ft) 0'0"-0'4" N/A N/A 4" **ASPHALT PROBE**

EOP @ 14.5' BGS

Cohesive Soils (Silts, Clays)

GW = Groundwater

Consistency

Very Soft

Soft

Medium Stiff

Stiff

Very Stiff

Hard

No Wells installed

Penetration Resistance (N) Guide

Terms Used for Second Entry of Descriptions: and = 40-50% Some = 10-40% trace = 10% or less

Penetration Resistance:

0 - 4

4 - 10

10 - 30

30 - 50

Over 50

GW @ 6' BGS upon completion.

Penetration Resistance

0 - 2

2 - 4

4 - 8

8 - 15

15 - 30

Over 30

14.5'

Protective Device: Stand: Box:

Type of Drill Rig: Truck Mounted Rig

Automatic Hammer Weight: 140lbs

Safety Hammer Weight: NONE

Donut Hammer Weight: NONE

Solid Pipe:

Screen Pipe:

Size: Fall:

Size:

Size:

Well Depth:

Stick Up Pipe:

Casing Type:

Sampler Type:

Fall: 30"

Core Barrel Type:

Hammer Weight:

Depth:

Hollow Stem Auger 4 1/4

14'6"

Remarks:

EOP = End of Probe

BGS = Below Grade Surface

Relative Density:

Very Loose

Loose

Medium Dense

Dense

Very Dense

Cohesionless Soils (Sands, Gravels)

N = Sum of Second and Third 6" Blow Counts

Boring No. Client: SOIL X, Corp. **FUSS & O'NEILL** P-03 148 Pioneer Drive, Leominster, MA 01453 Sheet 1 of 1 (978) 840-0391 N.T.S. Scale: City / Town: Coventry, RI Project File No. 24-04014 Contract No. N/A Assignment: N/A Location: High School Driveway Date and Time Started: 6/12/24 **Total Hours:** Groundwater Depth: Date & Time: Date and Time Completed: 6/14/24 N/A Coordinates: Per Project Plans Driller's Name: George Guinto Helper's Name: AV Ground Elevation: N/A Inspector's Name (Print): N/A Inspector's Company: F&O Inspector's Signature: N/A Depth Range Blows per 6 Inches Recovery Field Description Sample Strata Number (inches) Changes (Feet) Coring Times (Min/Ft) 0'0"-0'4" 4" N/A N/A **ASPHALT PROBE** 12'6" 12.5' EOP @ 12.5' BGS GW @ 6' BGS upon completion.

Remarks:Protective Device: SEOP = End of ProbeGW = GroundwaterWell Depth: S	Stand: Box: Solid Pipe:
EOP = End of Probe GW = Groundwater Well Depth:	Solid Pipe:
BGS = Below Grade Surface No Wells installed Stick Up Pipe:	Screen Pipe:
Penetration Resistance (N) Guide Type of Drill Rig: Tr	uck Mounted Rig
Cohesionless Soils (Sands, Gravels) Cohesive Soils (Silts, Clays) Hollow Stem Auger	4 1/4
Relative Density: Penetration Resistance: Consistency Penetration Resistance Casing Type:	Size:
Very Loose 0 – 4 Very Soft 0 – 2 Depth:	Fall:
Loose 4 - 10 Soft 2 - 4 Hammer Weight:	
Medium Dense 10 - 30 Medium Stiff 4 - 8 Sampler Type:	Size:
Dense 30 - 50 Stiff 8 - 15 Automatic Hamme	r Weight: 140lbs
Very Dense Over 50 Very Stiff 15 – 30 Safety Hammer We	eight: NONE
Hard Over 30 Donut Hammer We	eight: NONE
N = Sum of Second and Third 6" Blow Counts Fall: 30"	
Terms Used for Second Entry of Descriptions: and = 40–50% Some = 10–40% trace = 10% or less	Size:



Boring No.

P-05

1033 & C	NLILL		<u> </u>	Corp.	P-05	5
				B Pioneer Drive, Leominster, MA 01453 8) 840-0391	Sheet 1 o	f 1
City / Tow	n: Coventry, RI	Assignment: N/	A	Project File No. 24-04014	Contract No. N/A	
Location:	High School Dri	veway		Date and Time Started: 6/12/2	24 T	otal Hours:
Groundwa	ater Depth: 1	0' Date & Time:		Date and Time Completed: 6/2	14/24	N/A
Coordinat	tes: Per Pro	ject Plans		Driller's Name: George Guinto	Helper's Name: AV	
Ground El	levation: N/A	Inspector's Name	e (Print): N/A	Inspector's Signature: N/A	Inspector's Compa	ny: F&O
Sample	Depth Range	Blows per 6 Inches	Recovery	Field Desc	ription	Strata
Number	(Feet)	Coring Times (Min/Ft) (inches)			Changes
	0'0"-0'4"	N/A	N/A	ASPHALT		4"
	20'0"			EOP @ 20' BGS GW @ 10' BGS upon completion	on.	20'
Remarks: EOP = End		1	GW = Groundwa	ater	Protective Device: Stand Well Depth: Solid R	-
	ow Grade Surfac	ce	No Wells install		•	n Pipe:
		Penetration Resista	1		Type of Drill Rig: Truck M	lounted Rig
		(Sands, Gravels)		ive Soils (Silts, Clays)	Hollow Stem Auger 4 ¼	
	ve Density:	Penetration Resistance:	Consistency		0 /1-	ze:
	ry Loose	0 – 4	Very Soft	0 – 2	Depth: Fa	III:
	oose	4 - 10	Soft	2 – 4	Hammer Weight:	-0.
	um Dense	10 - 30	Medium Stif	_	' ''	ze:
	Dense	30 - 50	Stiff	8 – 15	Automatic Hammer Weight	
Ver	y Dense	Over 50	Very Stiff	15 – 30	Safety Hammer Weight:	
N. C	of Cooking 1 mg	sind C" Dlass Carry	Hard	Over 30	Donut Hammer Weight:	NONE
		nird 6" Blow Counts	40 500/ 50	10 400/ trace = 400/ sin less	Fall: 30"	-0.
Terms Use	ea for Second Er	itry of Descriptions: and =	40–50% Some = 1	10–40% trace = 10% or less	Core Barrel Type: Siz	ze:



Boring No.

P-06

	TTELL			CIL / Colp.	P-0	b
				Pioneer Drive, Leominster, MA 01453 8) 840-0391	Scale: N.T.S.	of 1
City / Tow	n: Coventry, RI	Assignment: N/	A	Project File No. 24-04014	Contract No. N/A	
Location:	High School Driv	veway		Date and Time Started: 6/12/	24	Total Hours:
Groundwa	ater Depth: 10	O' Date & Time:		Date and Time Completed: 6/	14/24	N/A
Coordinate	es: Per Pro	ject Plans		Driller's Name: George Guinto	Helper's Name: AV	1
Ground El	evation: N/A	Inspector's Nam	e (Print): N/A	Inspector's Signature: N/A	Inspector's Compa	ny: F&O
Sample	Depth Range	Blows per 6 Inches	Recovery	Field Desc	cription	Strata
Number	(Feet)	Coring Times (Min/Ft	(inches)			Change
	0'0"-0'4"	N/A	N/A	ASPHALT		4"
	20'0"			EOP @ 20' BGS GW @ 10' BGS upon completi	ion.	20'
EOP = End	of Probe ow Grade Surfac		GW = Groundwa No Wells installa ance (N) Guide			Pipe: n Pipe:
EOP = End BGS = Belo	ow Grade Surfac	ee Penetration Resista (Sands, Gravels)	No Wells installe ance (N) Guide		Well Depth: Solid	Pipe: n Pipe:
EOP = End BGS = Belo Co	ow Grade Surfac	Penetration Resista	No Wells installe ance (N) Guide	ive Soils (Silts, Clays)	Well Depth: Solid Stick Up Pipe: Scree Type of Drill Rig: Truck N Hollow Stem Auger 4 1/4	Pipe: n Pipe:
EOP = End BGS = Belo Co Relativ	ow Grade Surfac	Penetration Resista (Sands, Gravels)	No Wells installe ance (N) Guide Cohes	ive Soils (Silts, Clays)	Well Depth: Solid Stick Up Pipe: Scree Type of Drill Rig: Truck N Hollow Stem Auger 4 ¼ Casing Type: S Depth: F	Pipe: In Pipe: Mounted Rig
EOP = End BGS = Belo Co Relativ Very	ow Grade Surface phesionless Soils re Density:	Penetration Resista (Sands, Gravels) Penetration Resistance:	No Wells installer ance (N) Guide Cohes Consistency	ive Soils (Silts, Clays) Penetration Resistance	Well Depth: Solid Stick Up Pipe: Scree Type of Drill Rig: Truck N Hollow Stem Auger 4 ¼ Casing Type: S Depth: F Hammer Weight:	Pipe: In Pipe: Mounted Rig ize: all:
EOP = End BGS = Belo Co Relativ Very Lo	ohesionless Soils e Density: y Loose	Penetration Resistance: (Sands, Gravels) Penetration Resistance: 0 – 4	No Wells installed ance (N) Guide Cohes Consistency Very Soft	ive Soils (Silts, Clays) Penetration Resistance 0 - 2 2 - 4	Well Depth: Solid Stick Up Pipe: Scree Type of Drill Rig: Truck Mellow Stem Auger 4 1/4 Casing Type: Superh: Fummer Weight: Sampler Type: Superh: Supe	Pipe: In Pipe: Mounted Rig ize: all:
EOP = End BGS = Beld Co Relativ Very Lo Mediu	ow Grade Surface Chesionless Soils The Density: y Loose Coose	Penetration Resistance: (Sands, Gravels) Penetration Resistance: 0 – 4 4 - 10	No Wells installed ance (N) Guide Cohes Consistency Very Soft Soft	ive Soils (Silts, Clays) Penetration Resistance 0 - 2 2 - 4	Well Depth: Solid Stick Up Pipe: Scree Type of Drill Rig: Truck N Hollow Stem Auger 4 ¼ Casing Type: S Depth: F Hammer Weight: Sampler Type: S Automatic Hammer We	Pipe: In Pipe: Mounted Rig ize: all: ize: ight: 140lbs
EOP = End BGS = Belo Co Relativ Very Lo Mediu	ohesionless Soils re Density: y Loose oose um Dense	Penetration Resistance: (Sands, Gravels) Penetration Resistance: 0 - 4 4 - 10 10 - 30	No Wells installed ance (N) Guide Cohes Consistency Very Soft Soft Medium Stif	Penetration Resistance 0-2 2-4 f 4-8	Well Depth: Solid Stick Up Pipe: Scree Type of Drill Rig: Truck Mellow Stem Auger 4 1/4 Casing Type: Solid Depth: For Hammer Weight: Sampler Type: Solutionatic Hammer Weight: Safety Hammer Weight: Safety Hammer Weight: Safety Hammer Weight: Screen Screen Solid Page 1975 Screen Scre	Pipe: In Pipe: Mounted Rig ize: all: ize: ight: 140lbs NONE
Co Relativ Very Lo Mediu D Very	ohesionless Soils re Density: ry Loose oose um Dense ense y Dense	Penetration Resistance: (Sands, Gravels) Penetration Resistance: 0 - 4 4 - 10 10 - 30 30 - 50	No Wells installed ance (N) Guide Cohes Consistency Very Soft Soft Medium Stiff	Penetration Resistance 0-2 2-4 4-8 8-15	Well Depth: Solid Stick Up Pipe: Scree Type of Drill Rig: Truck N Hollow Stem Auger 4 ¼ Casing Type: S Depth: F Hammer Weight: Sampler Type: S Automatic Hammer We	Pipe: In Pipe: Mounted Rig ize: all: ize: ight: 140lbs NONE



Boring No.

P-07

1000 0 0 112122			CIL / A, Colp.	P-07	
			Pioneer Drive, Leominster, MA 01453 8) 840-0391	Sheet 1 of 1 Scale: N.T.S.	
City / Town: Coventry, R	Assignment: N/A	4	Project File No. 24-04014	Contract No. N/A	
ocation: High School Dr	iveway		Date and Time Started: 6/12/2	4 To	tal Hours:
Groundwater Depth: r	none Date & Time:		Date and Time Completed: 6/1	4/24	N/A
Coordinates: Per Pro	oject Plans		Driller's Name: George Guinto	Helper's Name: AV	
Ground Elevation: N/A	Inspector's Nam	e (Print): N/A	Inspector's Signature: N/A	Inspector's Company	: F&O
Sample Depth Range	Blows per 6 Inches	Recovery	Field Descr	iption	Strata
Number (Feet)	Coring Times (Min/Ft) (inches)			Change
0′0″-0′4″	N/A	N/A	ASPHALT		4"
20'0"			EOP @ 20' BGS GW not encountered upon con	npletion.	20′
Remarks: EOP = End of Probe BGS = Below Grade Surfa		GW = Groundwa No Wells installa	ed ed	Protective Device: Stand: Well Depth: Solid Pip Stick Up Pipe: Screen I	oe: Pipe:
Cohesionless Soil	Penetration Resista s (Sands, Gravels)	. ,		Type of Drill Rig: Truck Mo Hollow Stem Auger 4 ¼	unteu Kig
Relative Density:	Penetration Resistance:	Consistency	, , , ,	Casing Type: Size	:
Very Loose	0 – 4	Very Soft	0-2	Depth: Fall:	
Loose	4 - 10	Soft	2 – 4	Hammer Weight:	
Medium Dense	10 - 30	Medium Stif	f 4-8	Sampler Type: Size	:
Dense	30 - 50	Stiff	8 – 15	Automatic Hammer Weigh	t: 140lbs
Very Dense	Over 50	Very Stiff	15 – 30	Safety Hammer Weight: N	ONE
•		Hard	Over 30	Donut Hammer Weight: N	ONE
N = Sum of Second and T	hird 6" Blow Counts			Fall: 20"	
	illia o blow counts			Fall: 30"	



Boring No.

 $D_-\Omega\Omega$

FUSS & C	NEILL			CIL A, Corp.	P-08	
		•		B Pioneer Drive, Leominster, MA 01453 8) 840-0391	Sheet 1 of Scale: N.T.S.	1
City / Tow	vn: Coventry, RI	Assignment: N/A		Project File No. 24-04014	Contract No. N/A	
	High School Dri			Date and Time Started: 6/12/2		otal Hours:
	•	one Date & Time:		Date and Time Completed: 6/2		N/A
Coordinat		ject Plans		Driller's Name: George Guinto	•	
Ground E	levation: N/A	Inspector's Name	(Print): N/A	Inspector's Signature: N/A	Inspector's Compan	y: F&O
Sample	Depth Range	Blows per 6 Inches	Recovery	Field Desc	ription	Strata
Number	(Feet)	Coring Times (Min/Ft)	(inches)			Change
	0'0"-0'4"	N/A	N/A	ASPHALT		4"
				PROBE		
				1.11052		
	20/0//					
	20'0"					
						+
				EOP @ 20' BGS		20'
				GW not encountered upon co	mpletion.	
Remarks:				<u> </u>	Protective Device: Stand:	Boy:
	d of Probe		GW = Groundwa	ater	Well Depth: Solid Pi	_
	ow Grade Surfac		No Wells installe		•	•
100 – BEI	ow Grade SuriaC	e Penetration Resistar		zu	Stick Up Pipe: Screen Type of Drill Rig: Truck Mo	
Co	ohesionless Soils	(Sands, Gravels)		ive Soils (Silts, Clays)	Hollow Stem Auger 4 1/4	Julited Kig
	ve Density:	Penetration Resistance:	Consistency	, , , , ,	Casing Type: Size	e:
	ry Loose	0 – 4	Very Soft	0 – 2	Depth: Fal	
	oose	4 - 10	Soft	2 – 4	Hammer Weight:	
	um Dense	10 - 30	Medium Stif		Sampler Type: Size	e:
				_	Automatic Hammer Weig	
	Dense	30 - 50	Stiff	8 – 15	_	
Ver	y Dense	Over 50	Very Stiff	15 – 30	Safety Hammer Weight: I	
			Hard	Over 30	Donut Hammer Weight: I	NONE
 \ = Sum r	of Second and Th	nird 6" Blow Counts			Fall: 30"	
			0 500/ 5 1	10. 400/ trans = 400/ == lass		
erms Us	ed for Second Er	ntry of Descriptions: and = 4	u–50% Some = 1	LU-4U% trace = 1U% or less	Core Barrel Type: Size	e:



Appendix E

Coventry High School Sewer Extension Plan Set

COVENTRY HIGH SCHOOL SEWER EXTENSION

COVENTRY · RHODE ISLAND

OCTOBER 2024

PREPARED FOR

TOWN OF COVENTRY

1670 FLAT RIVER ROAD COVENTRY, RI 02816

SHEET INDEX

SHEET No.
GI-001
SHEET TITLE
COVER SHEET

GI-002 GENERAL NOTES AND LEGEND

GI-101 SHEET INDEX PLAN

CU-101 TIOGUE AVENUE SEWER PLAN & PROFILE

STA. 10+00 TO STA. 22+00 TIOGUE AVENUE SEWER PLAN & PROFILE

CU-102
STA. 22+00 TO STA. 32+00
RESERVOIR ROAD SEWER PLAN & PROFILE

CU-103 STA. 40+00 TO STA. 52+00

CU-104 RESERVOIR ROAD SEWER PLAN & PROFILE

STA. 52+00 TO STA. 58+00

CU-105 STA. 60+00 TO STA. 66+50

HIGH SCHOOL ACCESS SEWER PLAN & PROFILE

CU-106 HIGH SCHOOL ACCESS SEWER PLAN & PROFILE STA. 66+50 TO STA. 73+00

CD-501 EROSION AND SEDIMENT CONTROL DETAILS

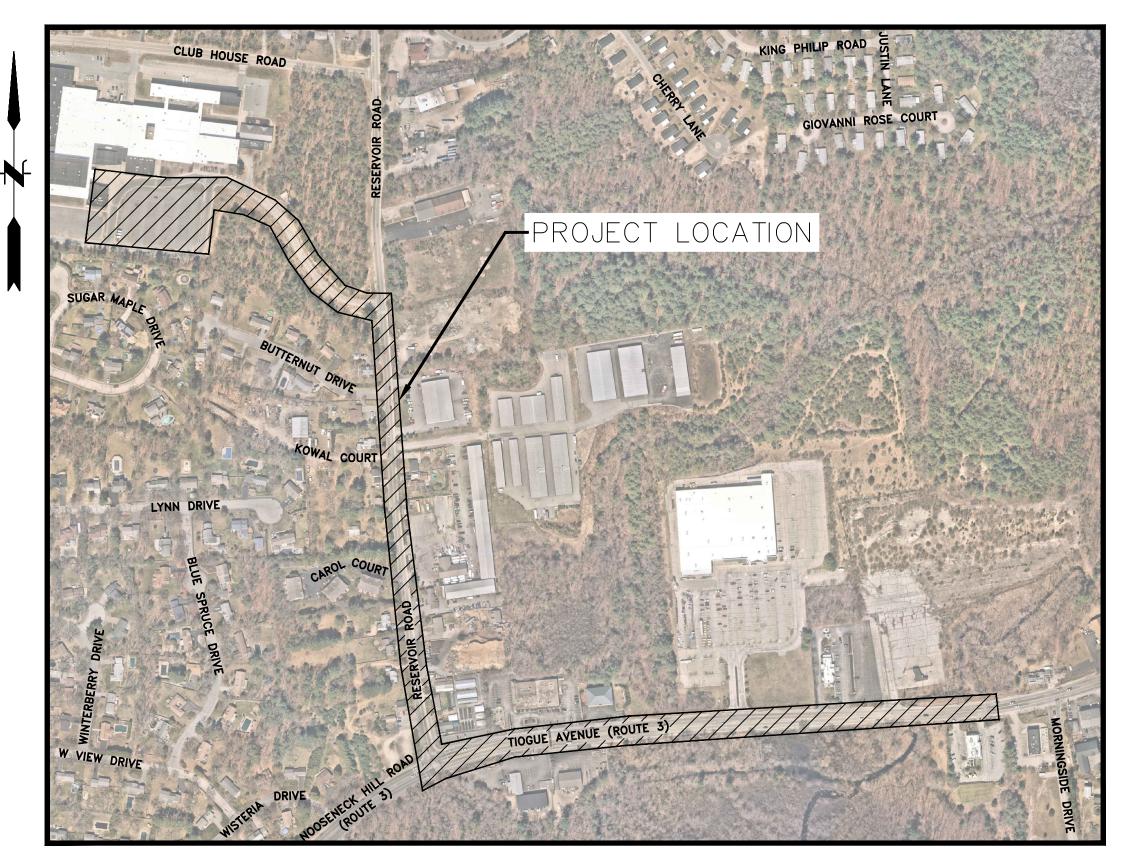
CD-502 SANITARY SEWER DETAILS
CD-503 SANITARY SEWER DETAILS

FUSS& O'NFILL

317 IRON HORSE WAY, SUITE 20 PROVIDENCE, RI 02908 401.861.3070 www.fando.com



LAND SURVEYING/MAPPING /SITE PLANNING



LOCATION MAP

SCALE: 1" = 350'

=ile: _I\D\MG\P2022\0052\440\Civil\Plan\20220052440_COV01_dwg_I_avout* GI-001_Plotted* 2024-10-17_10-19_AM_Saved* 2024

PROJ. No.: 20220052.A40
DATE: OCTOBER 2024

GI-001

- 1. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SHOWN ON THE DRAWINGS TO SCALE OR TO THEIR ACTUAL DIMENSION OR LOCATION. COORDINATE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
- 2. DO NOT RELY SOLELY ON ELECTRONIC VERSIONS OF DRAWINGS, SPECIFICATIONS, AND DATA FILES THAT ARE PROVIDED BY THE ENGINEER. FIELD VERIFY LOCATION OF PROJECT FEATURES.
- 3. PERFORM NECESSARY CONSTRUCTION NOTIFICATIONS, APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK AS REQUIRED BY THE CONTRACT DOCUMENTS.
- 4. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF BUILDINGS AND ADJACENT SITE ELEMENTS INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
- 5. BASE PLAN: THE PROPERTY LINES SHOWN WERE DETERMINED FROM PLANS OF RECORD. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY SCITUATE SURVEYS, INC., DURING SUMMER 2024.
- 6. TOPOGRAPHIC ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) DATUM. THE HORIZONTAL LOCATIONS SHOWN ON THIS PLAN REFERENCE THE NORTH AMERICAN DATUM OF 1983 (NAD83).
- 7. GEOTECHNICAL DATA INCLUDING PROBE AND BORING LOCATIONS AND ELEVATIONS WERE OBTAINED FROM SOIL X CORP.
- 8. WETLANDS WERE DELINEATED AND FIELD LOCATED BY FUSS & O'NEILL, INC ON APRIL 1, 2024.
- 9. FEMA FLOODPLAIN AND FLOODWAY LINES WERE DELINEATED FROM FEMA FIRM GIS

WORK RESTRICTIONS

- 1. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, FIRE HYDRANTS, AND UTILITIES WITHOUT APPROPRIATE PERMITS.
- 2. WORK IS RESTRICTED TO THE 7:00 TO 3:00 ON MONDAY THROUGH FRIDAY

REGULATORY REQUIREMENTS

- 1. WITHIN LOCAL RIGHTS-OF-WAY, PERFORM THE WORK IN ACCORDANCE WITH LOCAL MUNICIPAL STANDARDS.
- 2. WITHIN STATE RIGHTS-OF-WAY, PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS/SUPPLEMENTS.
- 3. PROVIDE TRAFFIC SIGNAGE AND PAVEMENT MARKINGS IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 4. BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- 5. DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.

EROSION AND SEDIMENT CONTROL

- INSTALL EROSION CONTROL MEASURES PRIOR TO STARTING ANY WORK ON THE SITE. REFER TO THE EROSION AND SEDIMENT CONTROL DRAWINGS.
- 2. IMPLEMENT ALL NECESSARY MEASURES REQUIRED TO CONTROL STORMWATER RUNOFF, DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE. PERFORM CORRECTIVE ACTION AS NEEDED FOR EROSION CLEANUP AND REPAIRS TO OFF SITE AREAS, IF ANY, AT NO COST TO OWNER.
- INSPECT AND MAINTAIN EROSION CONTROL MEASURES PER THE SCHEDULE IN THE EROSION AND SEDIMENT CONTROL DRAWINGS. DISPOSE OF SEDIMENT IN AN UPLAND AREA. DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- PERFORM CONSTRUCTION SEQUENCING IN SUCH A MANNER TO CONTROL EROSION AND TO MINIMIZE THE TIME THAT EARTH MATERIALS ARE EXPOSED BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, REMOVE AND DISPOSE OF TEMPORARY EROSION CONTROL MEASURES. CLEAN SEDIMENT AND DEBRIS FROM TEMPORARY MEASURES AND FROM PERMANENT STORM DRAIN AND SANITARY SEWER SYSTEMS.

DEMOLITION

REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS, UNLESS OTHERWISE NOTED.

CONSTRUCTION LAYOUT

- PROVIDE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED SITE IMPROVEMENTS. FIELD VERIFY EXISTING PAVEMENT AND GROUND ELEVATIONS AT THE INTERFACE WITH PROPOSED PAVEMENTS AND DRAINAGE STRUCTURES BEFORE START OF CONSTRUCTION.
- 2. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, FIELD VERIFY PROPOSED UTILITY ROUTES AND IDENTIFY ANY INTERFERENCES OR OBSTRUCTIONS WITH EXISTING UTILITIES OR PUBLIC RIGHTS-OF-WAY.
- 3. IMMEDIATELY INFORM THE ENGINEER IN WRITING IF EXISTING UTILITY CONDITIONS CONFLICT OR DIFFER FROM THAT INDICATED AND IF THE WORK CANNOT BE COMPLETED AS INDICATED.
- 4. DIMENSIONS ARE FROM FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS NOTED OTHERWISE.
- 5. BOUNDS OR MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.

EARTHWORK

- 1. NOTIFY UTILITY LOCATOR SERVICE AT LEAST 72 HOURS BEFORE STARTING EXCAVATION.
- RI: "DIG SAFE" AT 1-888-344-7233.
- 2. STOP WORK IN THE VICINITY OF SUSPECTED CONTAMINATED SOIL, GROUNDWATER OR OTHER MEDIA. IMMEDIATELY NOTIFY THE OWNER SO THAT APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN. RESUME WORK IN THE IMMEDIATE VICINITY ONLY UPON DIRECTION BY THE OWNER.

UTILITIES

- 1. TERMINATE EXISTING UTILITIES IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. COORDINATE UTILITY SERVICE DISCONNECTS WITH UTILITY REPRESENTATIVES.
- 2. THE TYPE, SIZE AND LOCATION OF DEPICTED UNDERGROUND UTILITIES ARE APPROXIMATE REPRESENTATIONS OF INFORMATION OBTAINED FROM FIELD LOCATIONS OF VISIBLE FEATURES, EXISTING MAPS AND PLANS OF RECORD, UTILITY MAPPING, AND OTHER SOURCES OF INFORMATION OBTAINED BY THE ENGINEER. ASSUME NO GUARANTEE AS TO THE COMPLETENESS, SERVICEABILITY, EXISTENCE, OR ACCURACY OF UNDERGROUND FACILITIES. FIELD VERIFY THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES.
- 3. PAY ALL FEES AND COSTS ASSOCIATED WITH UTILITY MODIFICATIONS AND CONNECTIONS, REGARDLESS OF THE ENTITY THAT PERFORMS THE WORK.
- 4. COORDINATE THE WORK AND WORK SCHEDULE WITH UTILITY COMPANIES. PROVIDE ADEQUATE NOTICE TO UTILITIES TO PREVENT DELAYS IN CONSTRUCTION.
- 5. INTERIOR DIAMETERS OF STORM DRAIN AND SANITARY SEWER STRUCTURES SHALL BE DETERMINED BY THE PRECAST MANUFACTURER, BASED ON THE INDICATED PIPE SYSTEM LAYOUT AND LOCAL MUNICIPAL STANDARDS.

MINIMUM INTERIOR DIAMETERS: O TO 20 FEET DEEP; 4 FEET. 20 FEET OR GREATER; 5 FEET.

- 5. RIM ELEVATIONS FOR MANHOLES, VALVE COVERS, GATE AND PULL BOXES, AND OTHER STRUCTURES ARE APPROXIMATE. SET OR RESET RIM ELEVATIONS AS FOLLOWS:
 - IN PAVEMENTS AND CONCRETE SURFACES: FLUSH IN SURFACES ALONG ACCESSIBLE ROUTES: FLUSH IN LANDSCAPE, SEEDED, AND OTHER EARTH SURFACE AREAS: 1 INCH ABOVE SURROUNDING AREA; TAPER EARTH TO RIM ELEVATION.
- 6. INSTALL PROPOSED PRIVATE UTILITY SERVICES ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY THE AUTHORITY HAVING JURISDICTION (WATER, SEWER. GAS. TELEPHONE, ELECTRIC. FIRE ALARM, ETC.). COORDINATE FINAL DESIGN LOADS AND LOCATIONS WITH OWNER AND ENGINEER.

<u>PAVEMENT</u>

1. AT A MINIMUM, CONSTRUCT ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).

SITE RESTORATION

SEAL

- 1. PROVIDE 6 INCHES OF TOPSOIL AND SEED TO AREAS DISTURBED DURING CONSTRUCTION AND NOT DESIGNATED TO BE RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) UNLESS OTHERWISE NOTED.
- 2. REPAIR DAMAGES RESULTING FROM CONSTRUCTION LOADS, AT NO ADDITIONAL COST TO OWNER.
- 3. RESTORE AREAS DISTURBED BY CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITION OR BETTER, AT NO ADDITIONAL COST TO OWNER.

SEAL

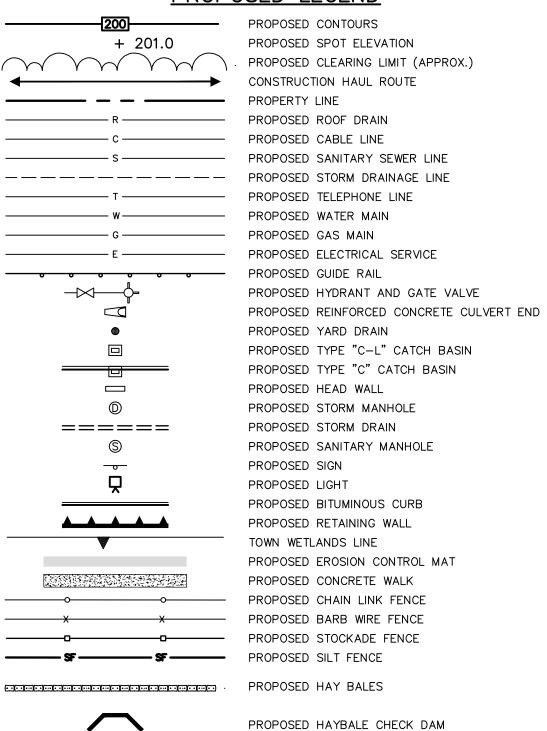
LEGEND

- OIR IRON ROD
- RIHB RHODE ISLAND HIGHWAY BOUND FOUND □ RIHB RHODE ISLAND HIGHWAY BOUND NOT FOUND
- UTILITY POLE \$L.P. LIGHT POLE
- **€** FLOOD LIGHT
- ⊕¥- STREET LIGHT
- ●FP FLAG POLE
- □ CB CATCH BASIN □ CB/DI CATCH BASIN/DROP INLET
- □ FES FLARED END SECTION
- **DDMH** STORM MANHOLE
- ©EMH ELECTRIC MANHOLE
- SMH SANITARY MANHOLE
- ELECTRIC BOX
- -\$ HYDRANT o^{WG} WATER VALVE
- ⊕ *WATER SPIGOT*
- ₩*WMH WATER MANHOLE*
- WATER METER
- IRR IRRIGATION HANDHOLE
- **XFDC** FIRE DEPARTMENT CONNECTION
- GAS GATE © GAS METER
- UTILITY PAINT SPOT
- BORING HOLE
- WETLANDS FLAG
- DECIDUOUS TREE → MB MAIL BOX
- *⊗ BOLLARD*
- MP METAL POST
- SWL SINGLE WHITE LINE

LAYOUT LEGEND

- I.D. ITEM
- BA BOLLARD
- BC BITUMINOUS CONCRETE LIP CURB
- CA BURRIED CONCRETE ANCHOR FOR END RAIL
- CC CONCRETE CURB
- CS CROSS WALK SIGN
- CW CONCRETE SIDEWALK
- DE "DO NOT ENTER" SIGN
- DP CONCRETE DUMPSTER PAD
- DR TURN SIGN
- DY 4" DOUBLE YELLOW PAINTED LINE
- FS FREE STANDING SITE SIGN
- GR GUIDE RAIL WITH STELL POSTS
- HR HANDICAP RAMP SEE SHEET ?? LO - PAVED LEAK-OFF
- PL PAINTED ISLAND 4" WHITE LINES
- RG RAIN GARDEN
- RI RAISED ISLAND
- RW RETAINING WALL SCREENED SERVICE AREA ENCLOSURE ON CONCRETE PAD.
- SEE ARCHITECTURAL DRAWINGS
- SB 12" WIDE WHITE STOP BAR
- SS STOP SIGN
- WL 4" WHITE PAINTED LINE XC - 8" WIDE PAINTED CROSS WALK, 24" WIDE STRIPE

PROPOSED LEGEND



NOT FOR CONSTRUCTION

RHODE ISLAND

DGB WTD **DESCRIPTION** No. DATE DESIGNER REVIEWE

HORZ. VERT. DATUM: HORZ. VERT. GRAPHIC SCALE

FUSS& 317 IRON HORSE WAY, SUITE 204

PROVIDENCE, RI 02908

401.861.3070

www.fando.com

GENERAL NOTES AND LEGEND

COVENTRY

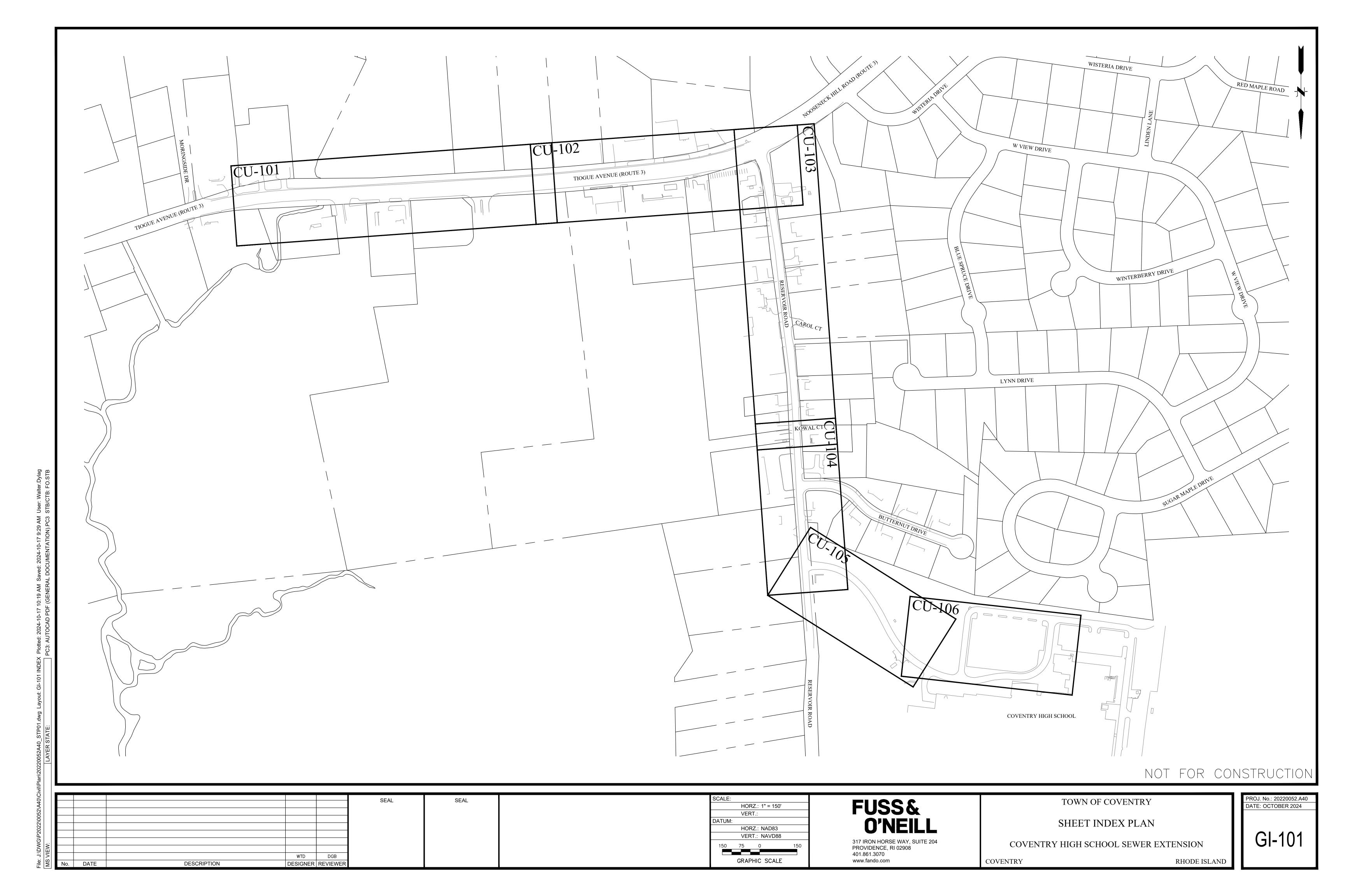
COVENTRY HIGH SCHOOL SEWER EXTENSION

TOWN OF COVENTRY

GI-002

PROJ. No.: 20220052.A40

DATE: OCTOBER 2024



GRAPHIC SCALE

www.fando.com

COVENTRY

RHODE ISLAND

WTD

DESIGNER REVIEWER

DESCRIPTION

No. DATE

DGB

WTD

DESIGNER REVIEWER

DESCRIPTION

No. DATE

DGB

401.861.3070

www.fando.com

COVENTRY

RHODE ISLAND

GRAPHIC SCALE

GRAPHIC SCALE

www.fando.com

COVENTRY

RHODE ISLAND

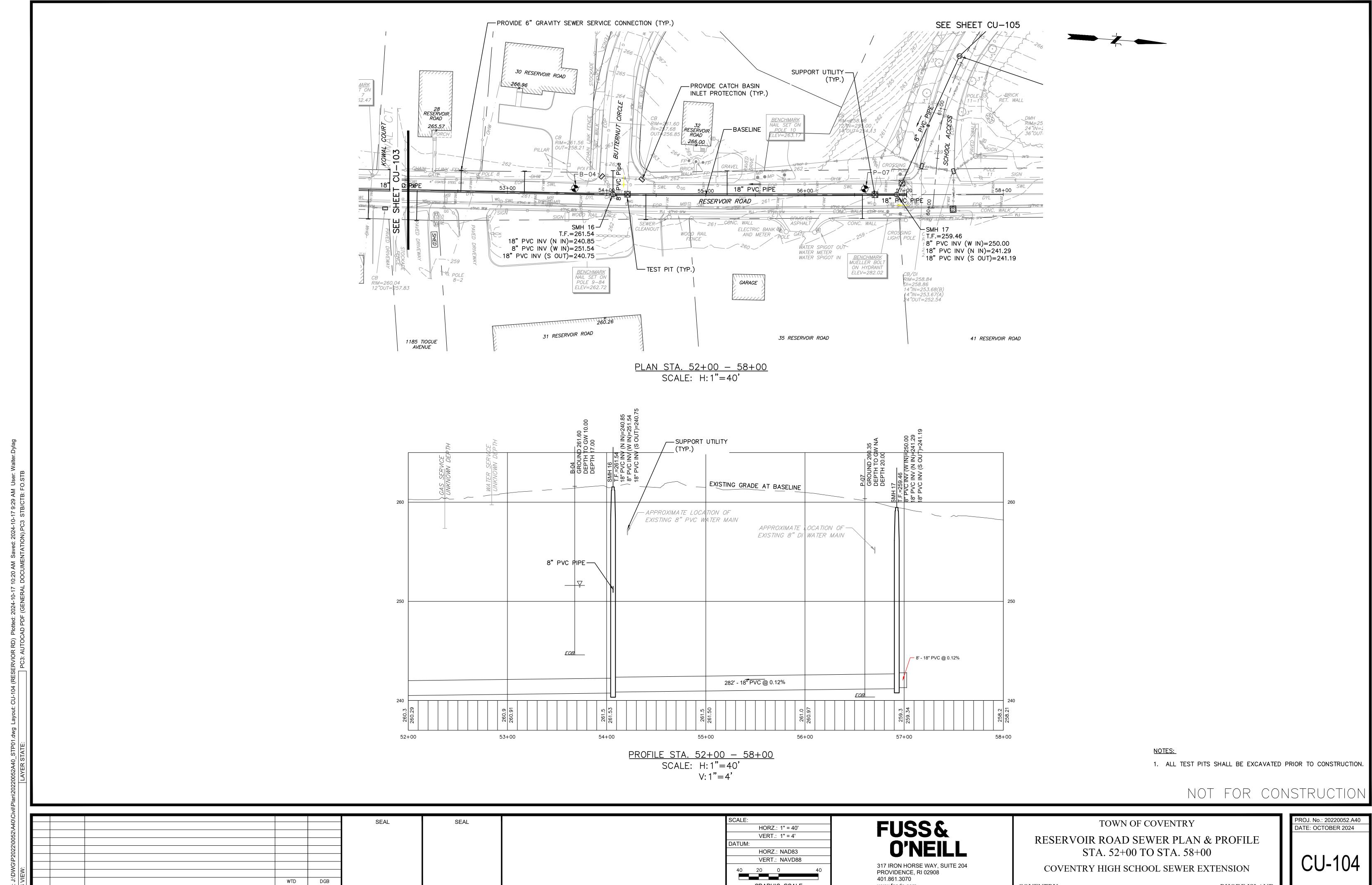
WTD

DESIGNER REVIEWER

DESCRIPTION

No. DATE

DGB



DESCRIPTION

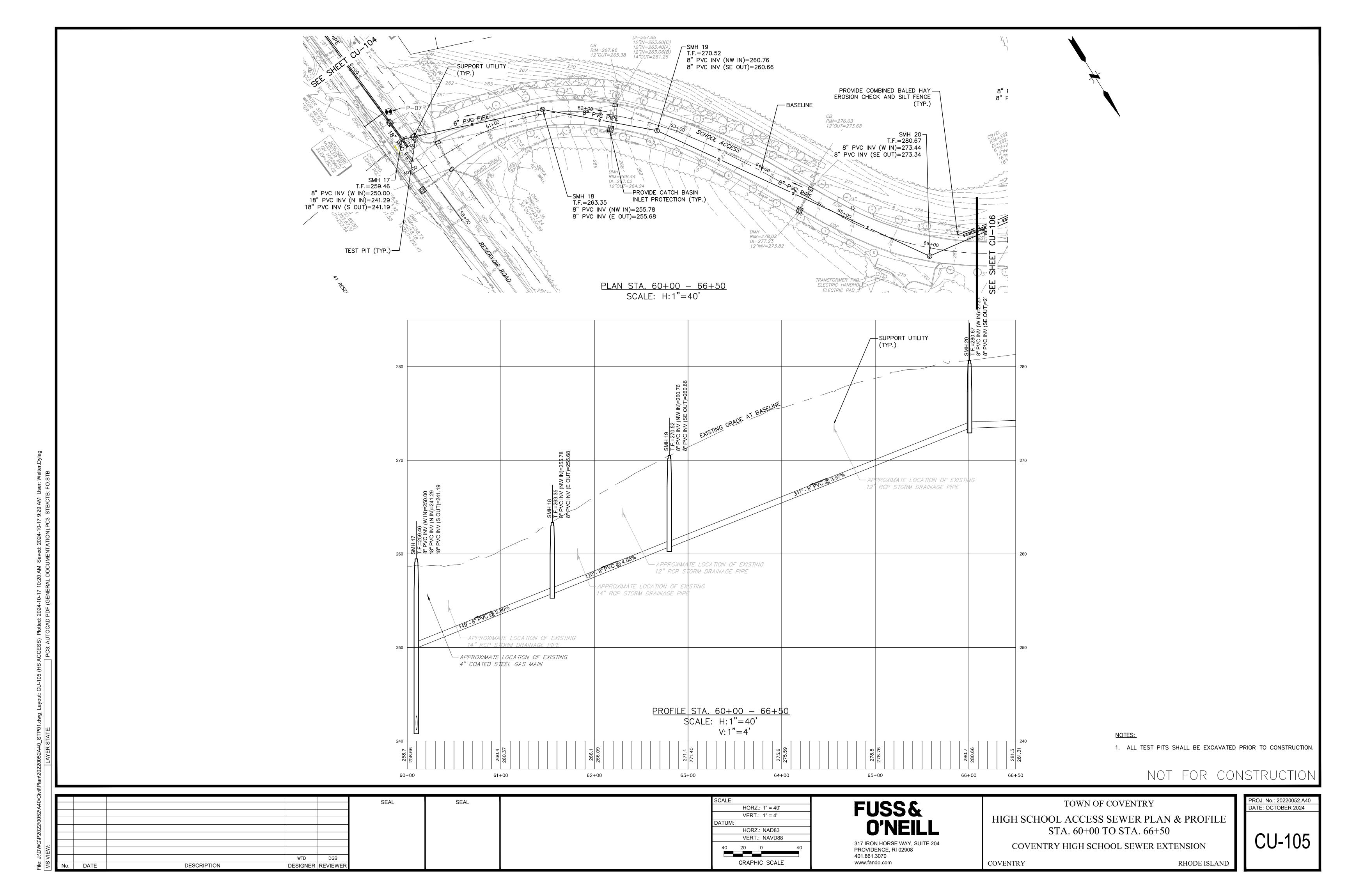
No. DATE

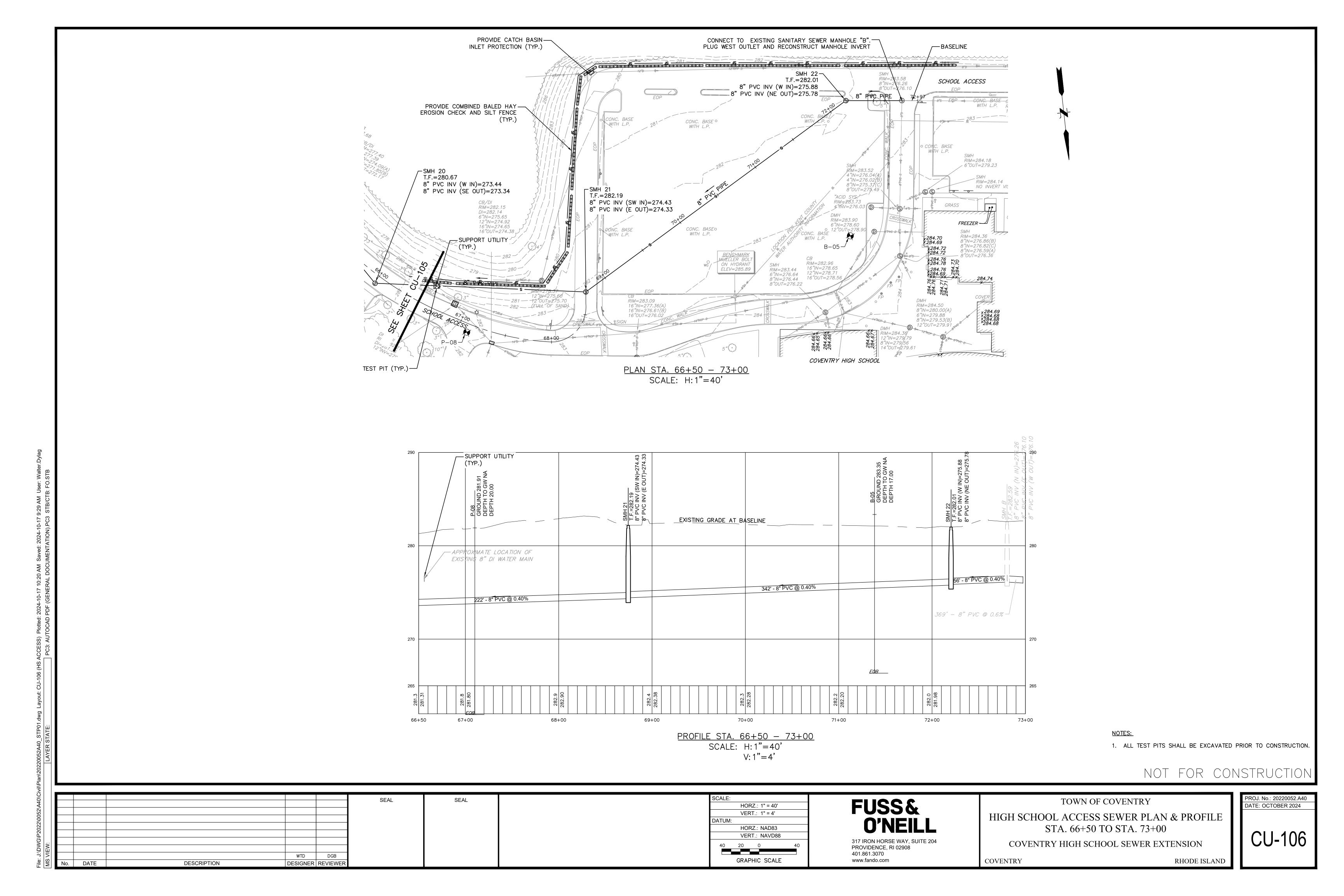
DESIGNER REVIEWER

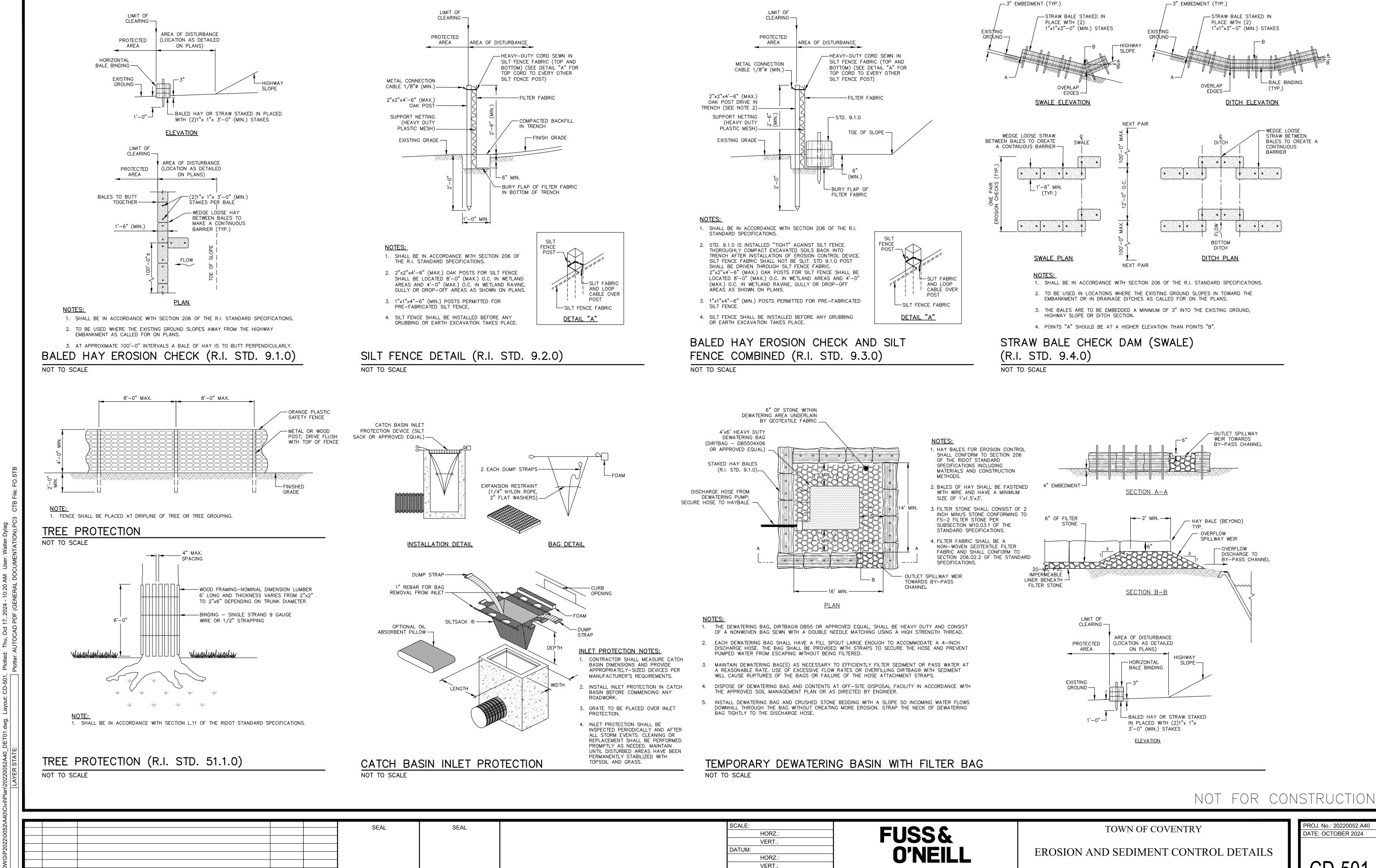
GRAPHIC SCALE

www.fando.com

COVENTRY RHODE ISLAND







317 IRON HORSE WAY, SUITE 204

PROVIDENCE, RI 02908

401.861.3070

www.fando.com

GRAPHIC SCALE

DATE

WTD

DESIGNER REVIEWER

DESCRIPTION

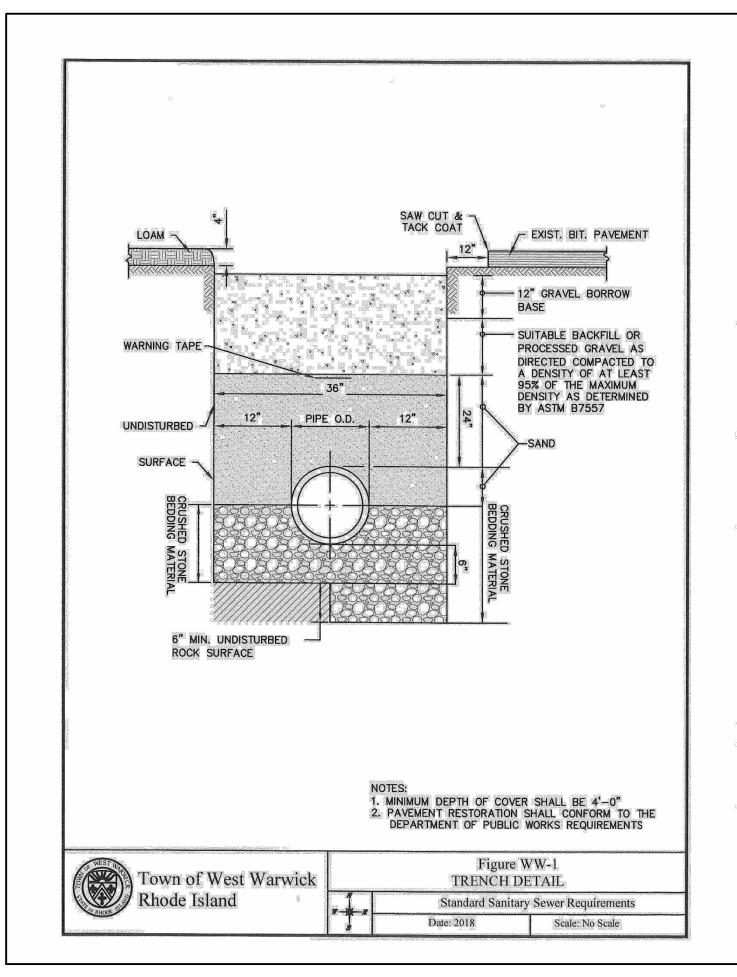
DGB

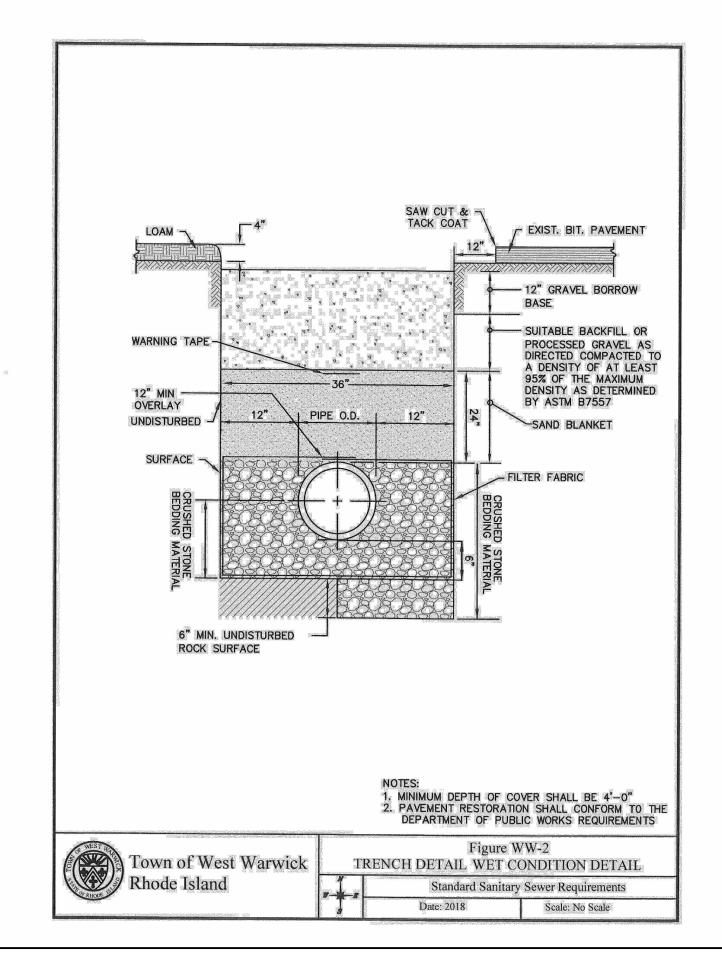
CD-501

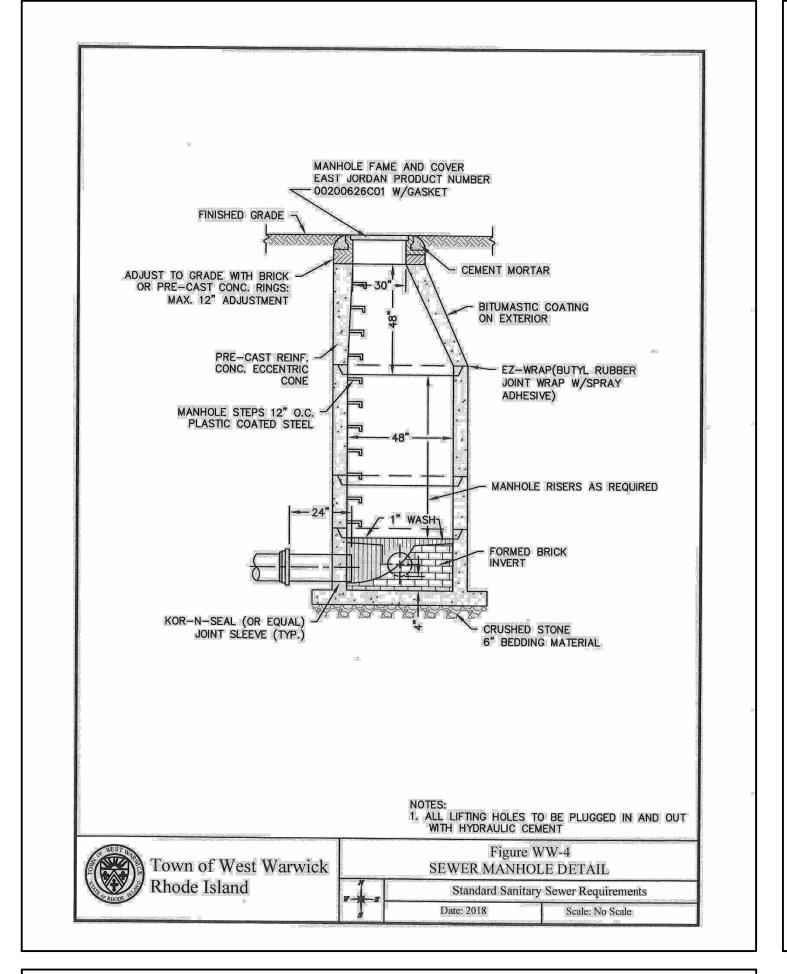
RHODE ISLAND

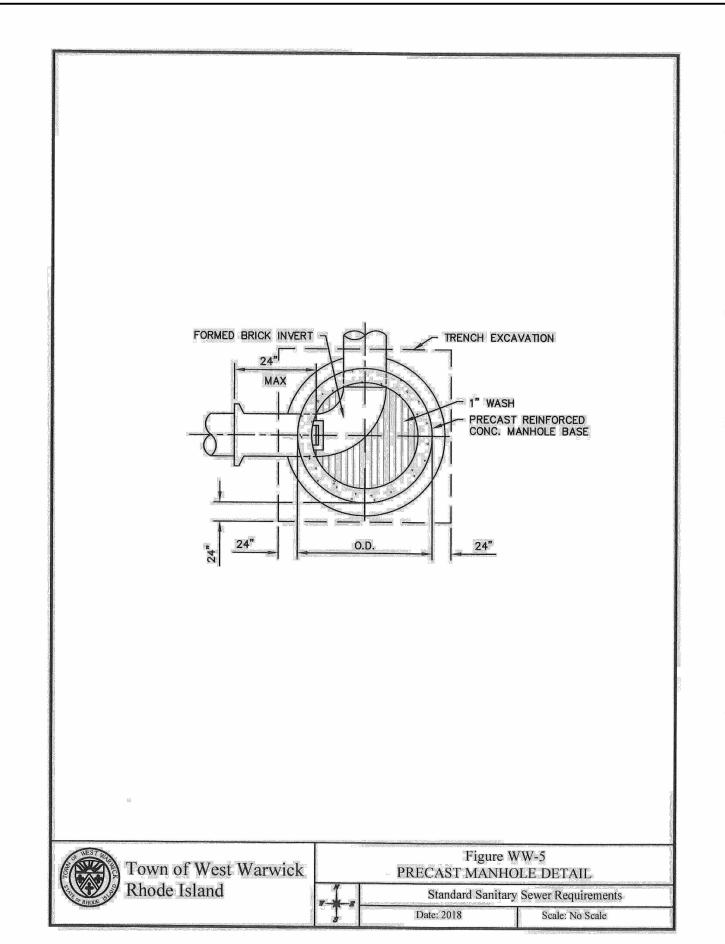
COVENTRY HIGH SCHOOL SEWER EXTENSION

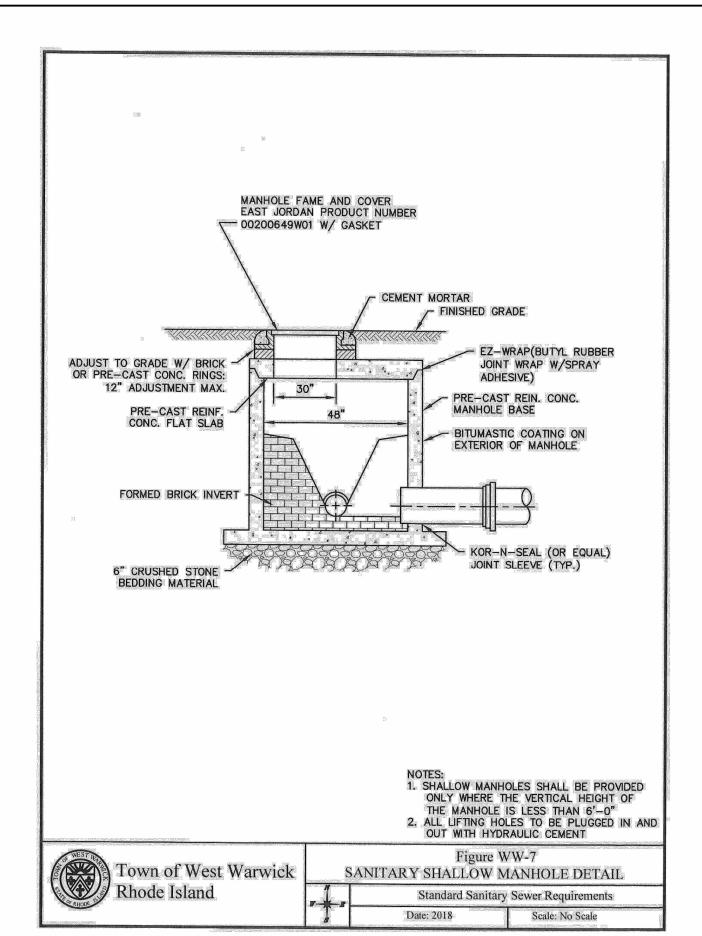
COVENTRY





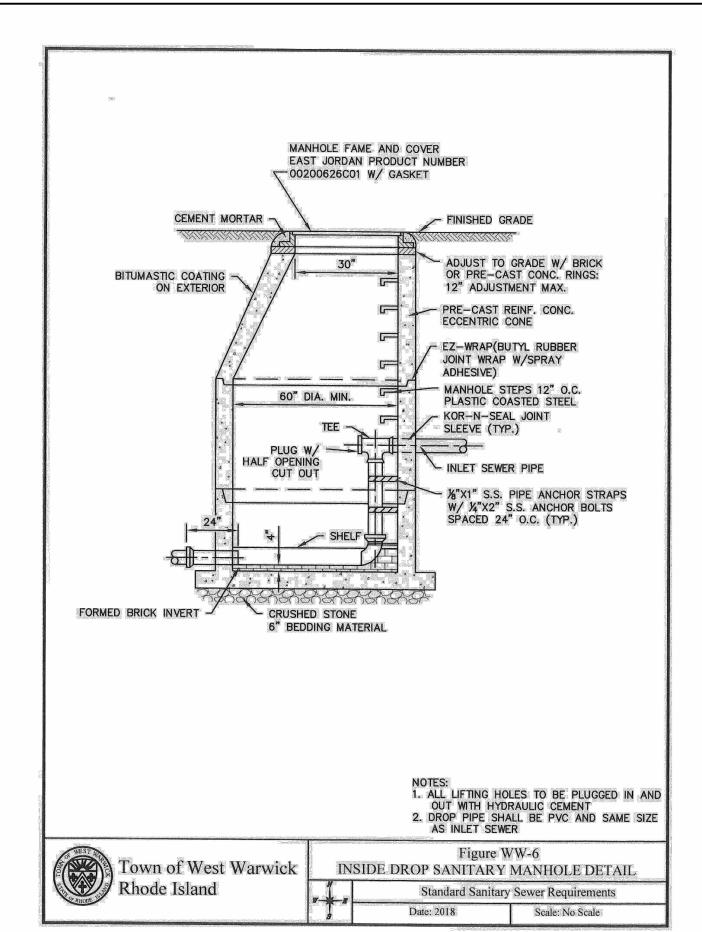


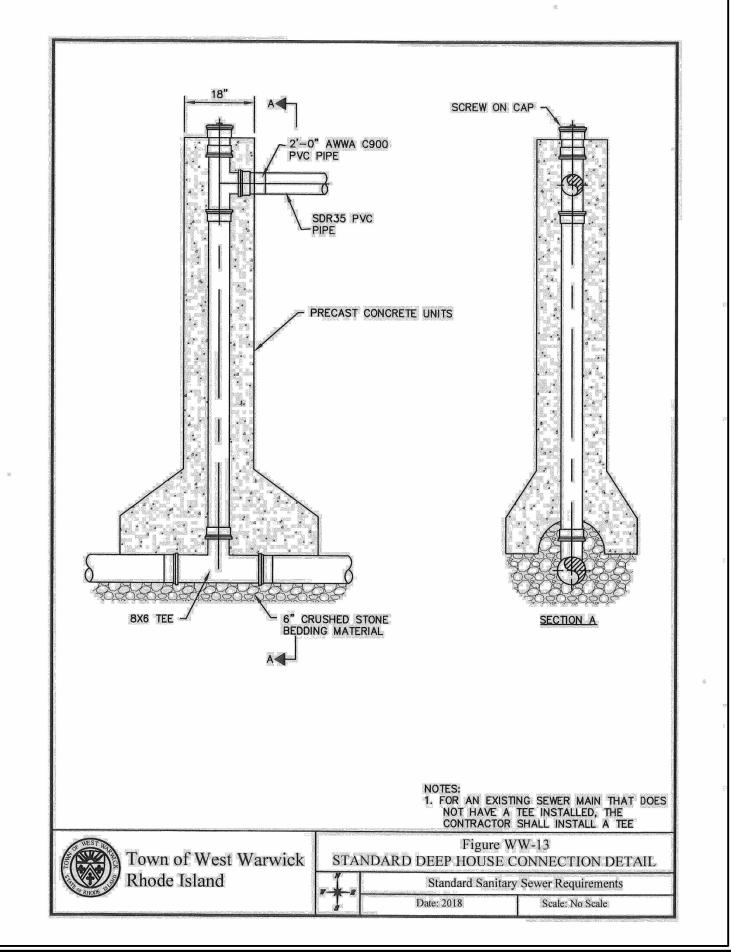




SEAL

SEAL





NOT FOR CONSTRUCTION

I. No. DATE DESCRIPTION DESIGNER REVIEWER

SCALE:

HORZ.:

VERT.:

DATUM:

HORZ.:

VERT.:

0

GRAPHIC SCALE

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com TOWN OF COVENTRY

SANITARY SEWER DETAILS

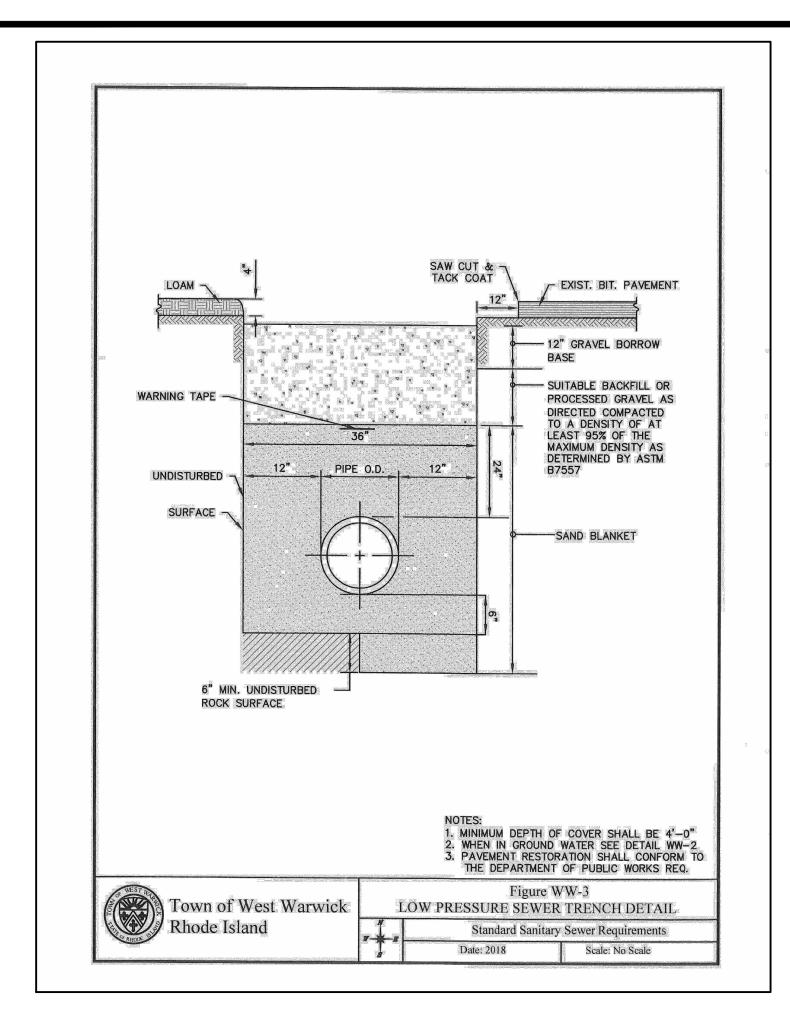
COVENTRY HIGH SCHOOL SEWER EXTENSION

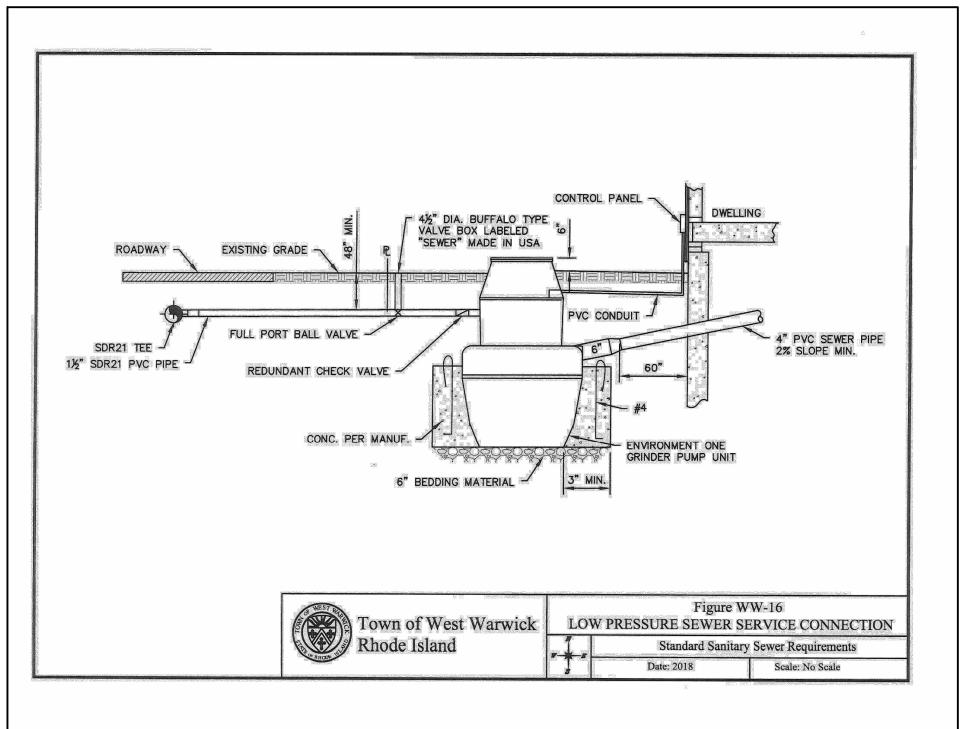
COVENTRY

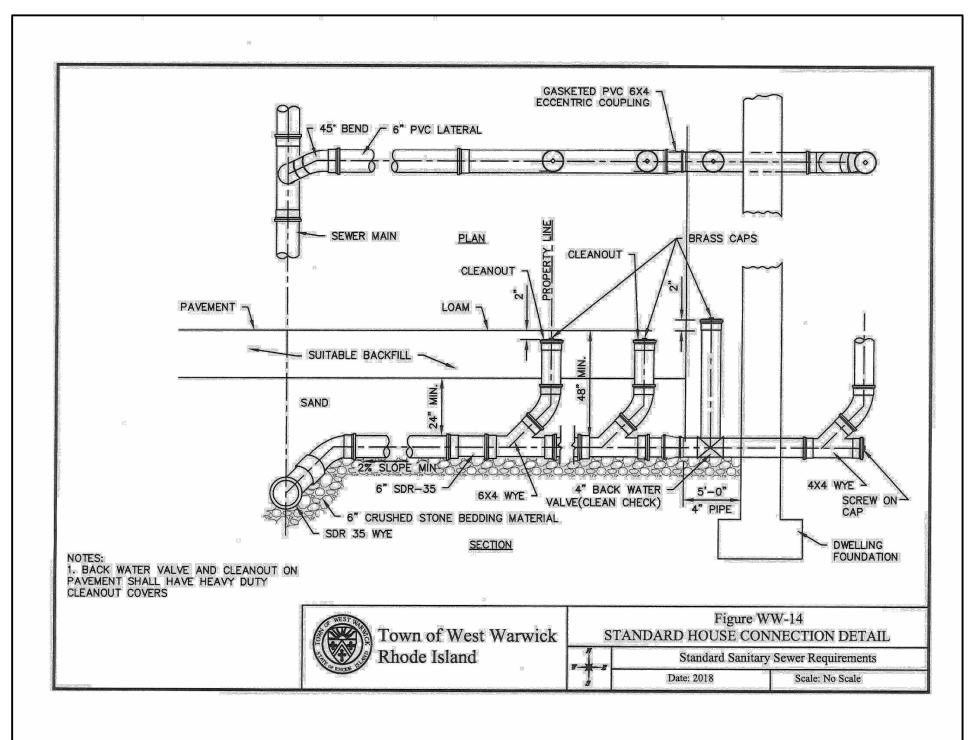
RHODE ISLAND

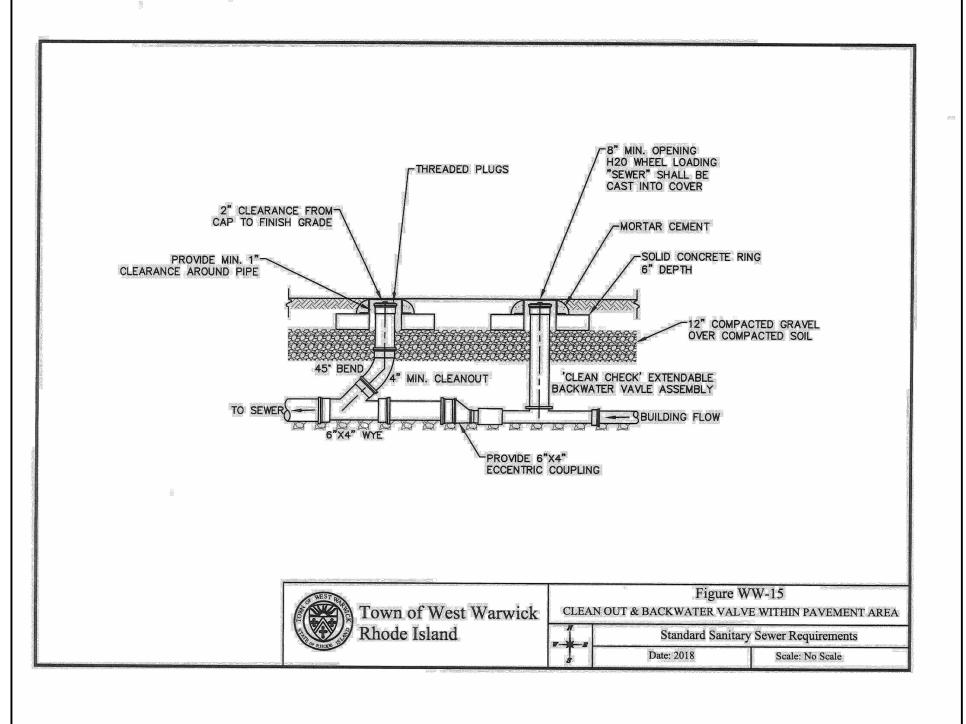
CD-502

PROJ. No.: 20220052.A40





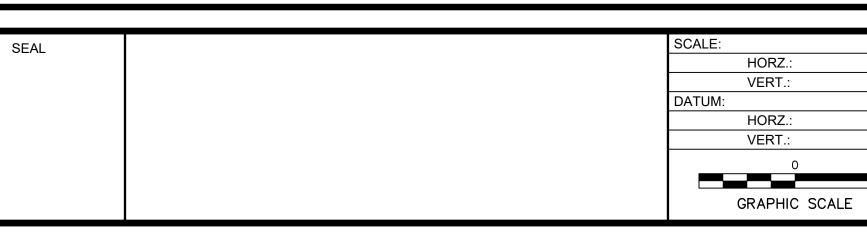




NOT FOR CONSTRUCTION

8				
305				
52/(
202				
G/P				
×				
J:\	<u>.</u> .			
th:	MS VIEW:			
Pa	>	1.		
File Path: J:\DWG\P2022\0052\	MS	No.	DATE	
ш.				

					SEAL
					02,12
1.			WTD	DGB	
No.	DATE	DESCRIPTION	DESIGNER	REVIEWER	
	•		•		





TOWN OF COVENTRY SANITARY SEWER DETAILS

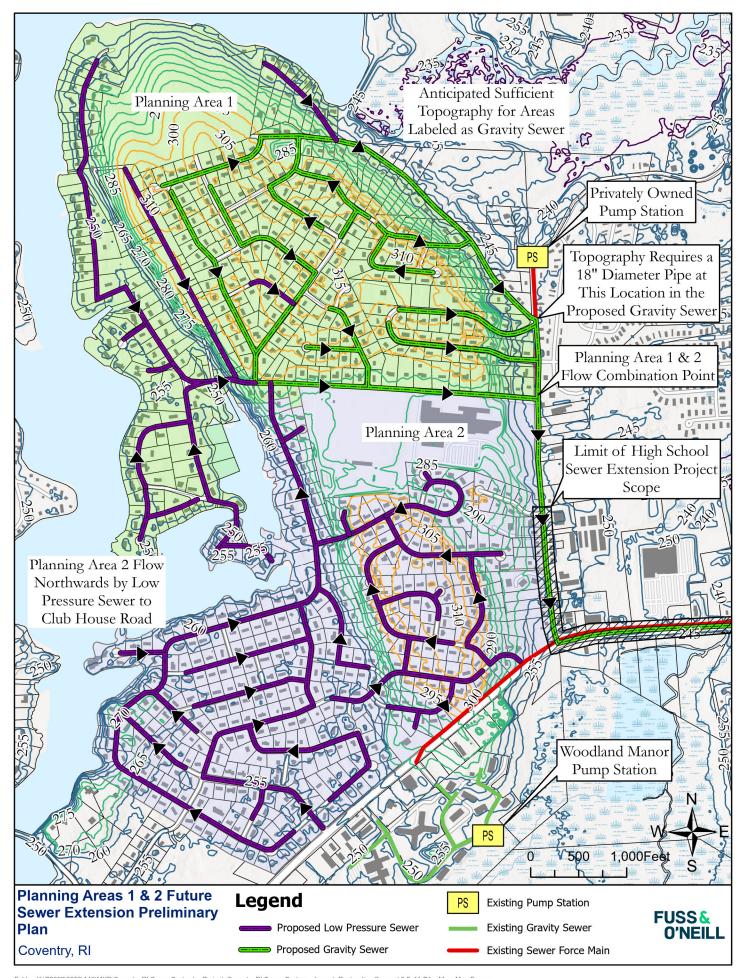
COVENTRY HIGH SCHOOL SEWER EXTENSION RHODE ISLAND COVENTRY

DATE: OCTOBER 2024
CD-503
CD-303



Appendix F

Planning Area 1 & 2 Future Sewer Extension Preliminary Plan





Appendix G

Lateral Location Forms Example Package

September 27, 2024

Property Owner Town of Coventry Rhode Island

RE: Coventry, RI High School Sewer Extension Lateral Location Form

Dear Town of Coventry Property Owner:

As you may or may not be aware, the Town of Coventry is in the process of constructing sanitary sewers to serve the High School. As part of this project, a sewer lateral stub for each dwelling/house will be provided from the newly constructed sewer mainline in the street to the property line. Property owners will be responsible for providing the final connection from their residence to the sewer lateral stub.

The purpose of this letter is to request information from you to help with the project design.

We are also seeking the location of your existing drinking water wells, irrigation wells and water services as applicable. This information is important for our engineers to have while designing the sewers infrastructure improvements.

Please complete the attached sewer lateral location form in accordance with the attached instructions to indicate where you would like to locate the proposed sewer lateral stub. By providing this information, we are not ensuring the preferred location will be accommodated due to technical and health code restriction issues, but we will make every reasonable effort to install the sewer lateral stub in the location you desire. Please provide information before end of day October 31st, 2024. If information is not received before this time, engineering judgment will be used to determine the location of the sewer lateral.

We suggest you discuss the matter with your plumber if you are not certain as to where your building outlet should be located, or how it could be redirected to exit your building from a different location.

If additional information is required pertaining to the sewer lateral location form, please contact the engineers for this project, Fuss & O'Neill, Inc. at (860) 327-6008, attention Ryan Morais, or email at Ryan.Morais@fando.com. Please contact Ryan Morais if an in-person meeting for the purpose or addressing any concerns or questions regarding the lateral location form is desired.

Please mail the completed form to:

Ryan Morais Fuss & O'Neill, Inc. 1 Financial Plaza, Floor 15 Hartford, CT 06103

Or email to:

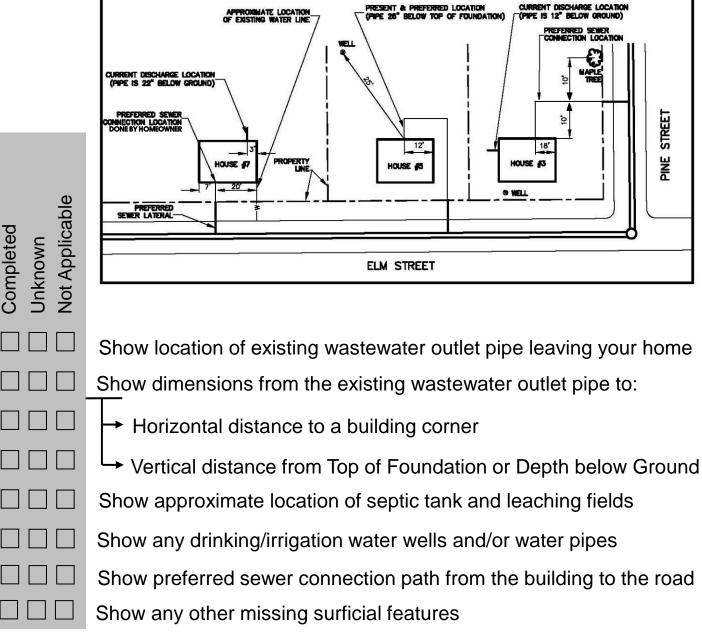
Ryan.Morais@fando.com

Construction of the sewerage system is anticipated to begin Spring 2025. The Town of Coventry will update the construction schedule for the project before construction starts.

Thank you for your cooperation,

Daniel Parrillo Town Manager

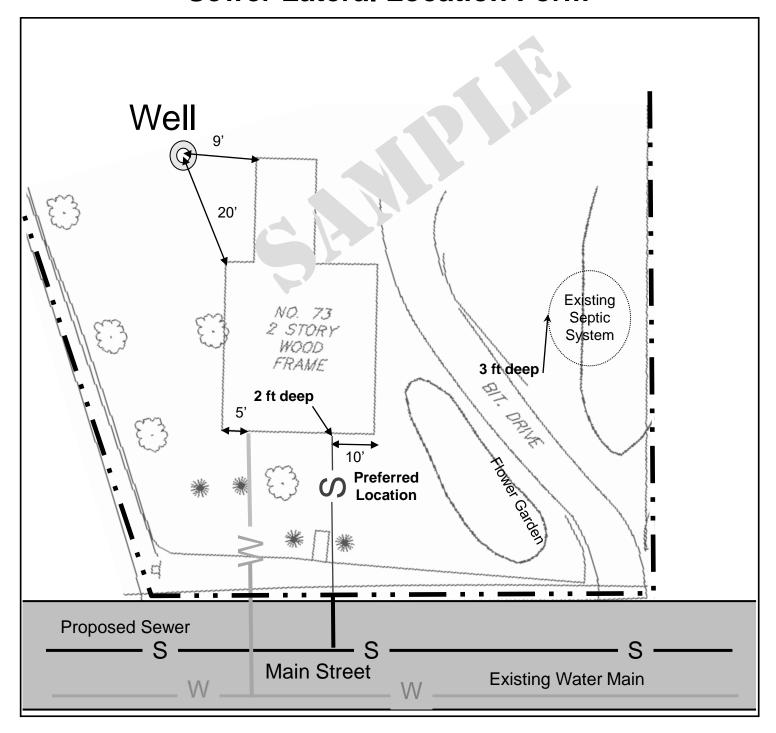
Sewer Lateral Location Form Instructions



Please Note:

- Additional information can be added directly to the drawing or attached as separate sheets.
- 2. Building sewer connections should be 25 feet from water wells & 10 feet from water pipes.
- 3. Field conditions may require modification of your preferred sewer connection path and are subject to regulatory approval.
- 4. It may not be possible to save all trees/plantings. Considerations will be made to minimize site impact.

Sewer Lateral Location Form



Name: John T. Smith		
Property Address	73 Main Street	
Daytime Phone: _	860-555-1212	Please Return By: September 30, 2019
Signature: John J. Smith		Date: _ 9/1/2019
Note: This form is not a permit and does not constitute permission to connect to		

the sanitary sewer system or water distribution system.

Sewer Lateral Location Form

PROPERTY LINE MAILBOX S PROPOSED SANITARY SEWER SIGN PROPOSED SANITARY (S) SEWER MANHOLE FIRE HYDRANT EXISTING WATER FLAGPOLE \bigcirc EXISTING WATER VALVE BOULDER / LEDGE EXISTING MANHOLE 0 STORM DRAINAGE PIPE GARDEN STONE VINYL FENCE × SPOT ELEVATION BLDG. WOOD FENCE BUILDING OVHG. **OVERHANG** SHRUB/HEDGE EXISTING SPEED BUMP TREE LINE UTILITY POLE CATCH BASIN (CB) \blacksquare



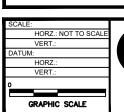
LIGHT POST

BENCH

BENCH

T

TRANSFORMER





TOWN OF COVENTRY LATERAL LOCATION FORM **LEGEND**

COVENTRY. RHODE ISLAND PROJ. No.: 20220052.A40 DATE: JUNE 2024 **LEGEND**

File: J:DWGNP2022/0052A40/CiviliPresentation/Lateral Location Form Legend.dwg Layout LEGEND Plotted: 2024-04-22 11:41 AM Saved: 2024-04-22 11:35 AM User: Walter Dylag PC3: AUTOCAD PDF (GENERAL DOCUMENTATION).PC3 STB/CTB: FO.STB

COVENTRY HIGH SCHOOL SEWER EXTENSION

Layout: RES-26 Plotted: 2024-10-09 4:08 PM Saved: 2024-10-09 4:07 PM User: Ryan.Morais
PC3: AUTOCAD PDF (GENERAL DOCUMENTATION) PC3 STB/CTB: FO.STB File: J:\DWG\P2022\0052\A40\Civi\Presentation\Lateral Location Form & Legend.dwg

VERT.: GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

26 RESERVOIR ROAD

LATERAL LOCATION FORM

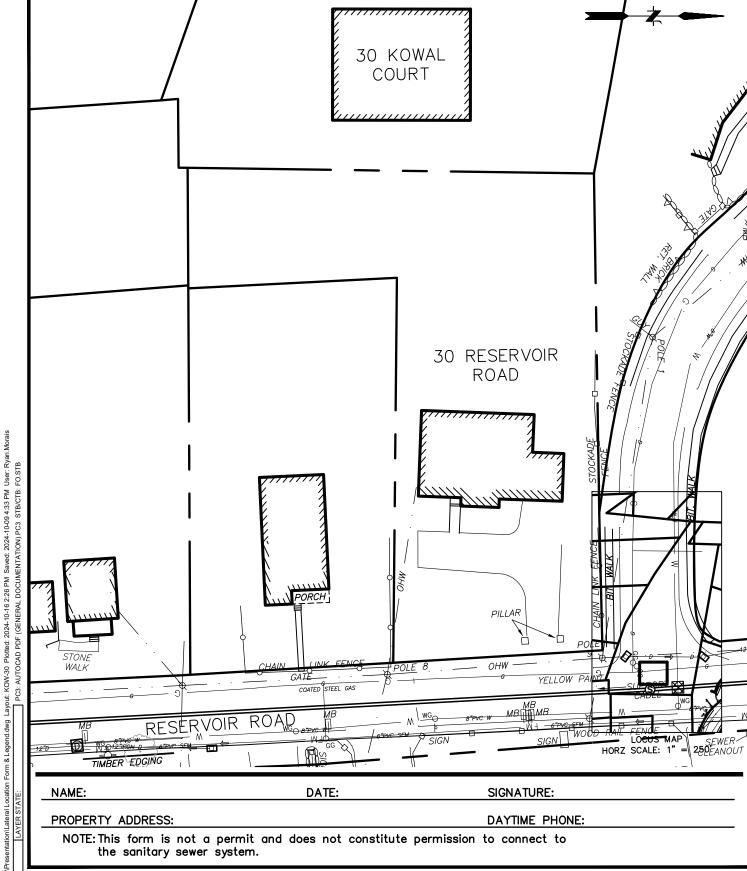
RES 26

DATE: SEPTEMBER 2024

RHODE ISLAND



Lateral Location Forms



GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY HIGH SCHOOL SEWER EXTENSION

30 KOWAL COURT

LATERAL LOCATION FORM

KOW-30

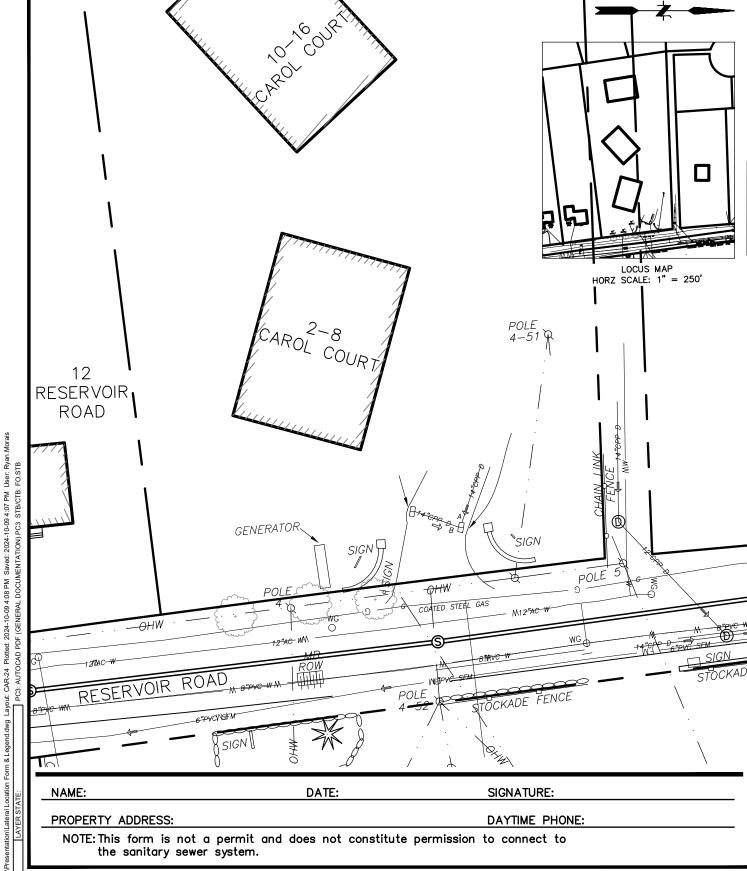
PROJ. No.: 20220052.A40

DATE: SEPTEMBER 2024

RHODE ISLAND

File: J:DWG\P2022\0052\A40\Civil\Presentation\Lateral Location Form & Legend.dwg

COVENTRY



SCALE:

HORZ.: 1" = 40'

VERT.:
DATUM:

HORZ.:
VERT.:
0 20' 40'

GRAPHIC SCALE

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

2-24 CAROL COURT

LATERAL LOCATION FORM

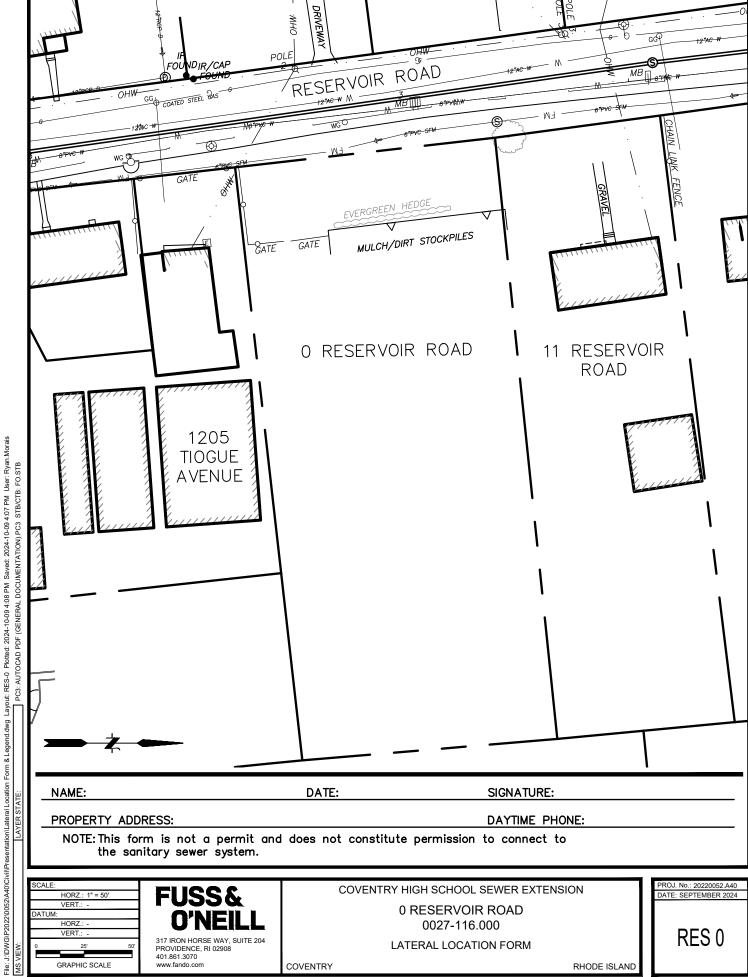
PROJ. No.: 20220052.A40

DATE: SEPTEMBER 2024

CAR-24

RHODE ISLAND

File: J:DWG\P2022\0052\A40\C\vi\lPresentation\Lateral Location Form & Legend.dwg



GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070

www.fando.com

COVENTRY HIGH SCHOOL SEWER EXTENSION

0 RESERVOIR ROAD 0027-116.000

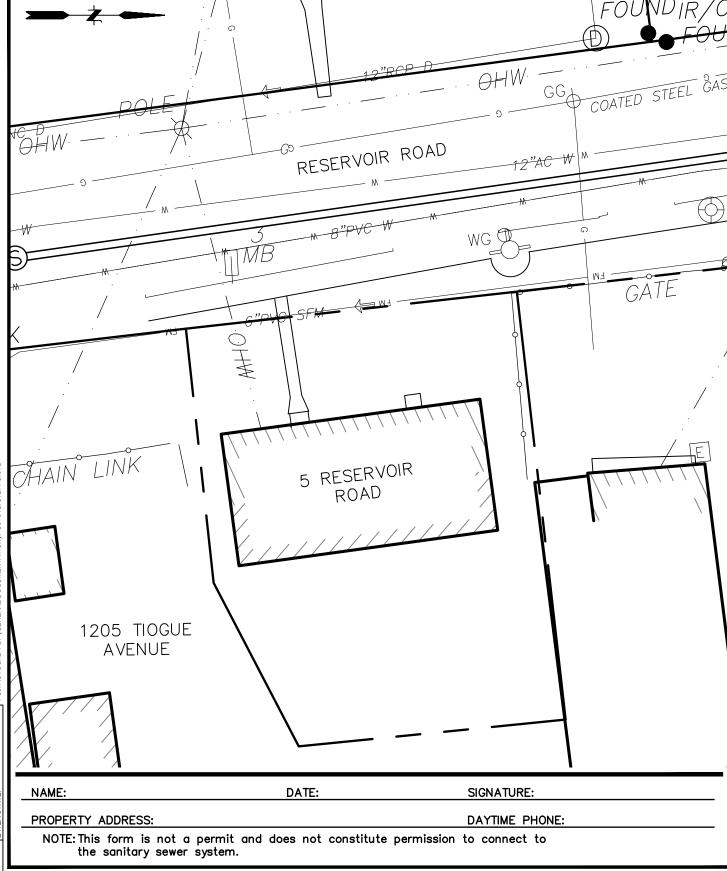
LATERAL LOCATION FORM

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

RES₀

COVENTRY

RHODE ISLAND



SCALE:

HORZ.: 1" = 20'

VERT.:
DATUM:

HORZ.:
VERT.:
0 10' 20'

GRAPHIC SCALE

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

5 RESERVOIR ROAD

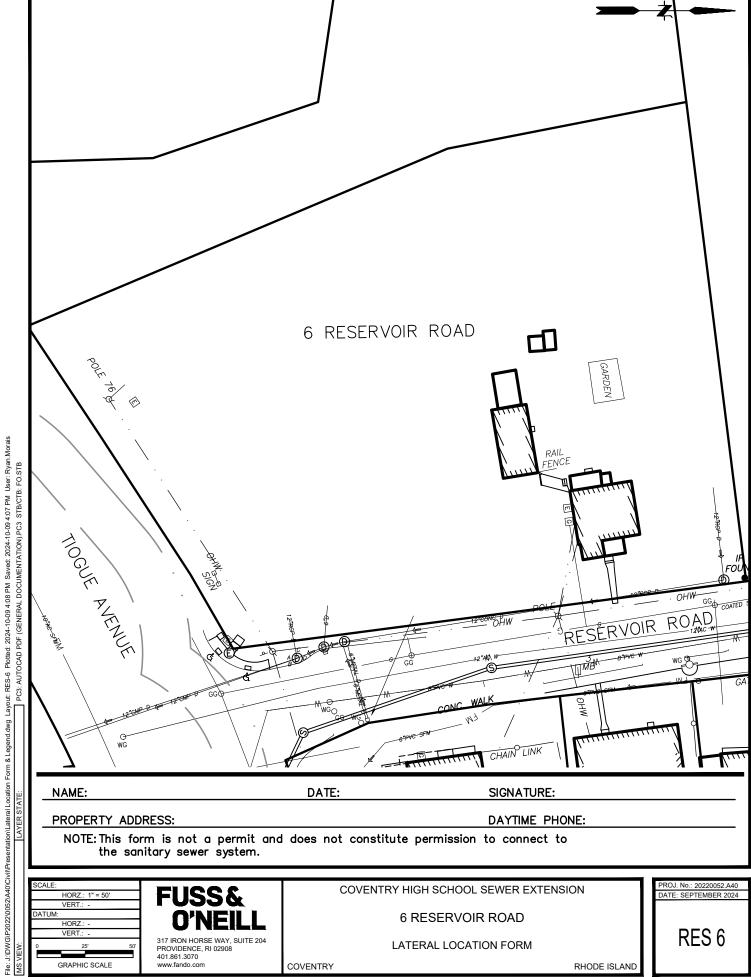
LATERAL LOCATION FORM

RHODE ISLAND

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

RES 5

File: J:DWGiP20220062/A40/CivilPresentation/Lateral Location Form & Legend dwg Layout: RES-5 Plotted: 2024-10-09 4.08 PM Saved: 2024-10-09 4.07 PM User: Ryan Morais MS VIEW: | LAYER STATE: | LAYER STAT



317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070

COVENTRY

www.fando.com

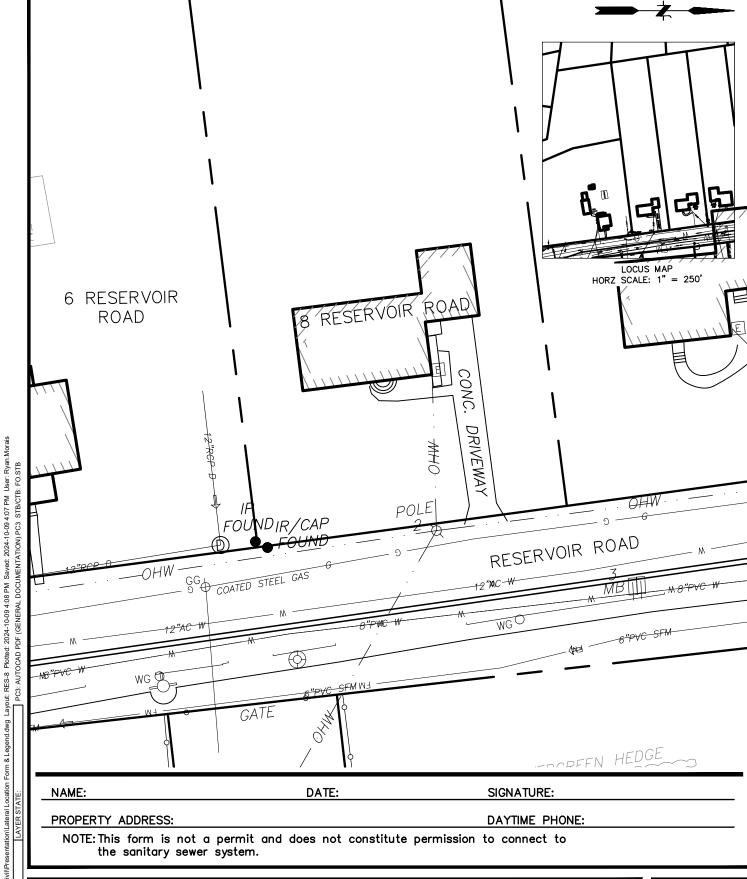
COVENTRY HIGH SCHOOL SEWER EXTENSION

6 RESERVOIR ROAD

LATERAL LOCATION FORM

RES 6

PROJ. No.: 20220052.A40



File: J.:DWG\P2022\0052\40\C\vi\IPesentation\Lateral Location Form & Legend.dwg

GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY HIGH SCHOOL SEWER EXTENSION

8 RESERVOIR ROAD

LATERAL LOCATION FORM

PROJ. No.: 20220052.A40

RES 8

COVENTRY

8 RESERVOIR ROAD LOCUS MAP HORZ SCALE: 1" = 250' RESERVOIR ROAD CONC. CONC. PAD PAD CONC. Layout: RES-10 Plotted: 2024-10-09 4:08 PM Saved: 2024-10-09 4:07 PM User: Ryan.Morais

PC3: AUTOCAD PDF (GENERAL DOCUMENTATION) PC3 STB/CTB: FO.STB DRIVEWAY Poo POLE RESERVOIR ROAD WGO NAME: DATE: SIGNATURE: PROPERTY ADDRESS: **DAYTIME PHONE:** NOTE: This form is not a permit and does not constitute permission to connect to the sanitary sewer system.

File: J.:DWG\P2022\0052\40\C\vi\IPesentation\Lateral Location Form & Legend.dwg

GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY HIGH SCHOOL SEWER EXTENSION

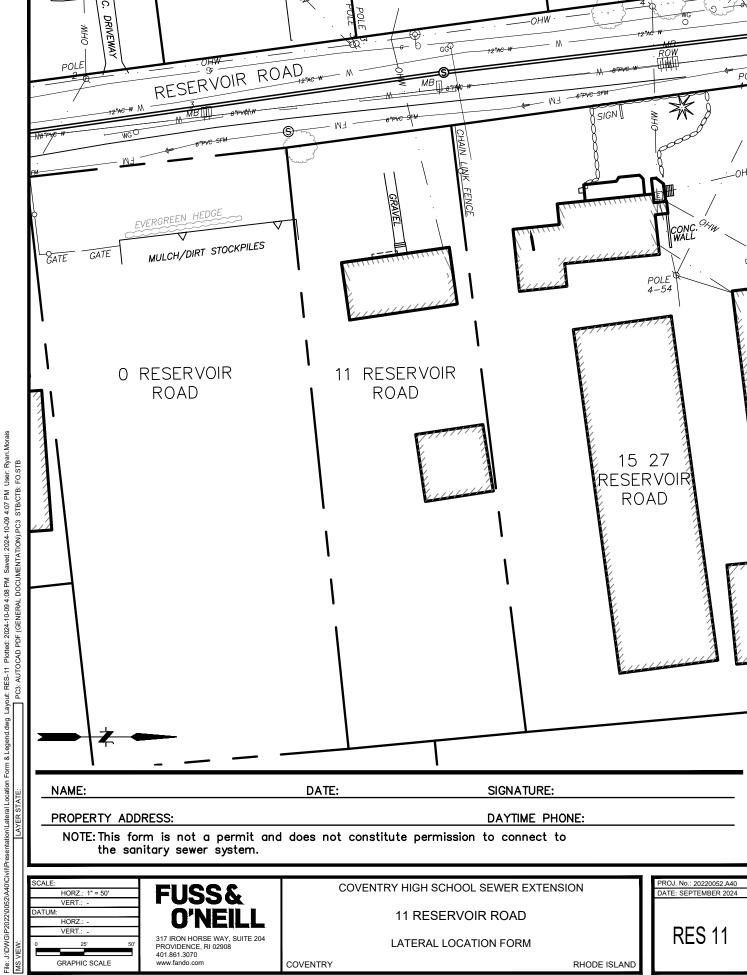
10 RESERVOIR ROAD

LATERAL LOCATION FORM

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

RES 10

COVENTRY



317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070

COVENTRY

www.fando.com

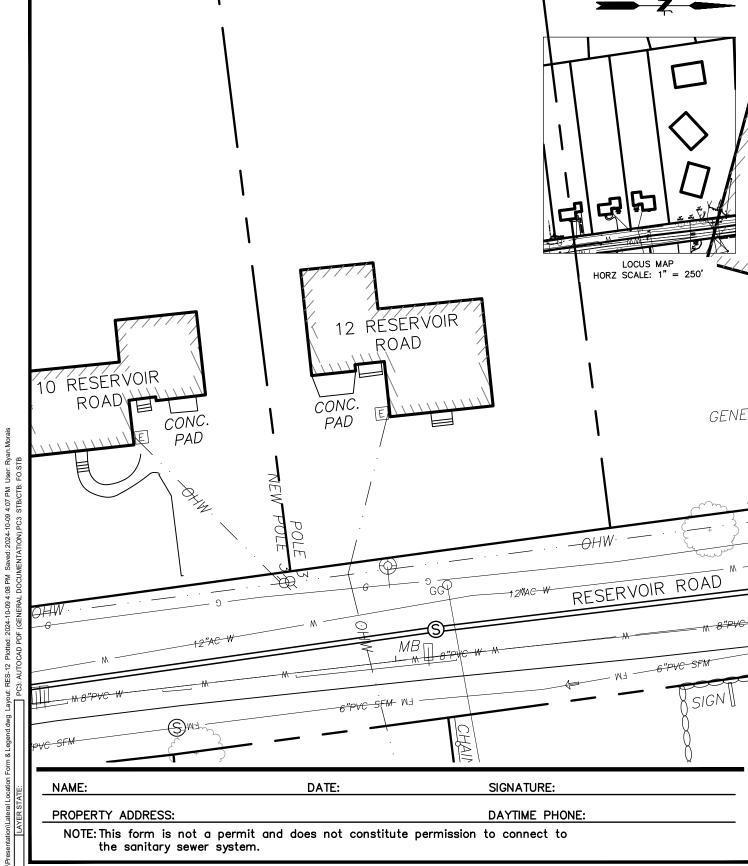
COVENTRY HIGH SCHOOL SEWER EXTENSION

11 RESERVOIR ROAD

LATERAL LOCATION FORM

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

RES 11



SCALE:

HORZ.: 1" = 30'

VERT.:
DATUM:

HORZ.:
VERT.:
0 15' 30

GRAPHIC SCALE

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com COVENTRY HIGH SCHOOL SEWER EXTENSION

12 RESERVOIR ROAD

LATERAL LOCATION FORM

PROJ. No.: 20220052.A40

DATE: SEPTEMBER 2024

RES 12

File: J:DWGIP2022\052\A40\Civi\Presentation\Lateral Location Form & Legend.dwg

COVENTRY

File: J:DWG/P2022/0052A440/CiviliPresentation/Lateral Location Form & Legend dwg Layout: RES-15 27 Plotted: 2024-10-09 4:08 PM Saved: 2024-10-09 4:07 PM User: Ryan.Morais PC3: AUTOCAD PDF (GENERAL DOCUMENTATION).PC3 STB/CTB: FO.STB

VERT.: GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

15 27 RESERVOIR ROAD

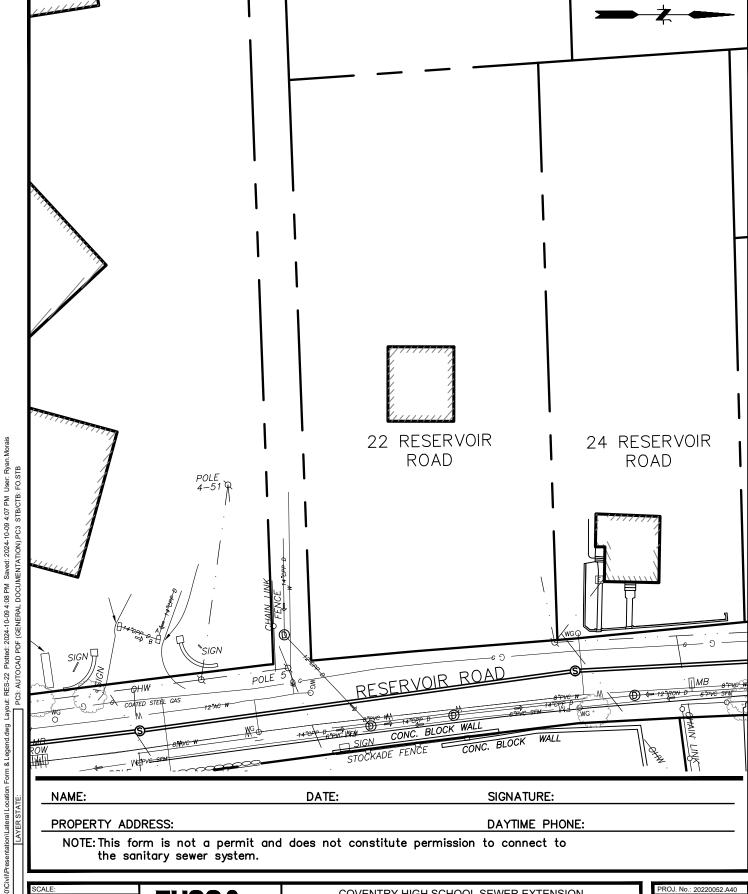
LATERAL LOCATION FORM

RHODE ISLAND

RES 15 27

PROJ. No.: 20220052.A40

DATE: SEPTEMBER 2024



File: J.:DWG\P2022\0052\40\C\vi\IPesentation\Lateral Location Form & Legend.dwg

GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

22 RESERVOIR ROAD

LATERAL LOCATION FORM

DATE: SEPTEMBER 2024

RES 22



COVENTRY HIGH SCHOOL SEWER EXTENSION

24 RESERVOIR ROAD

LATERAL LOCATION FORM

DATE: SEPTEMBER 2024

RES 24

RHODE ISLAND

File: J:\DWG\P2022\0052\A40\Civi\Presentation\Lateral Location Form & Legend.dwg

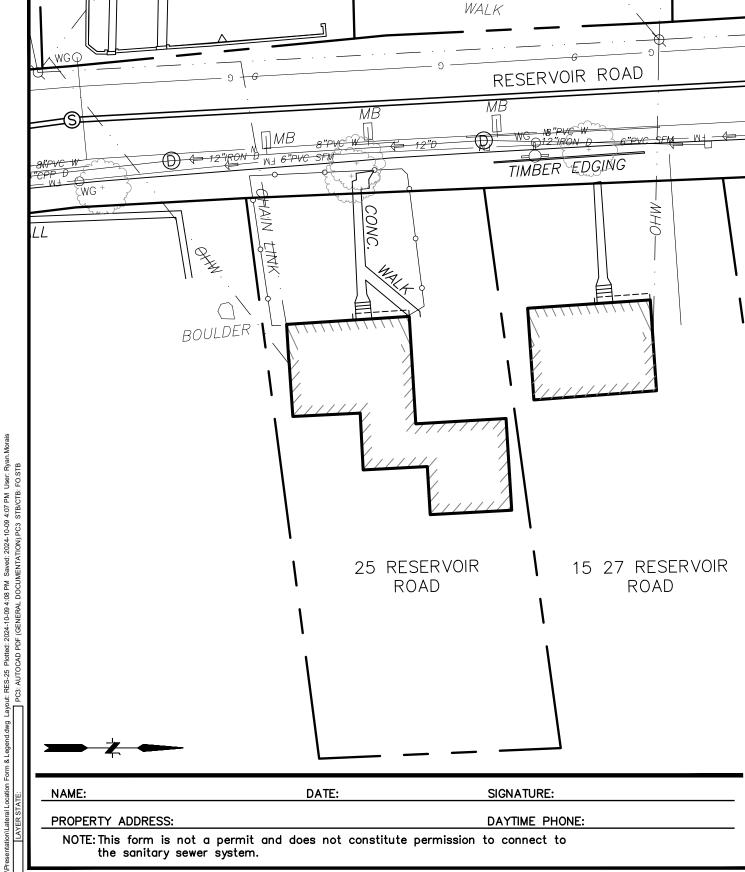
VERT.:

GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070

COVENTRY

www.fando.com



File: J:\DWG\P2022\0052\A40\Civil\Presentation\Lateral Location Form & Legend.dwg

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070

www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

25 RESERVOIR ROAD

LATERAL LOCATION FORM

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

RES 25

Layout: RES-26 Plotted: 2024-10-09 4:08 PM Saved: 2024-10-09 4:07 PM User: Ryan.Morais
PC3: AUTOCAD PDF (GENERAL DOCUMENTATION) PC3 STB/CTB: FO.STB File: J:\DWG\P2022\0052\A40\Civi\Presentation\Lateral Location Form & Legend.dwg

VERT.: GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

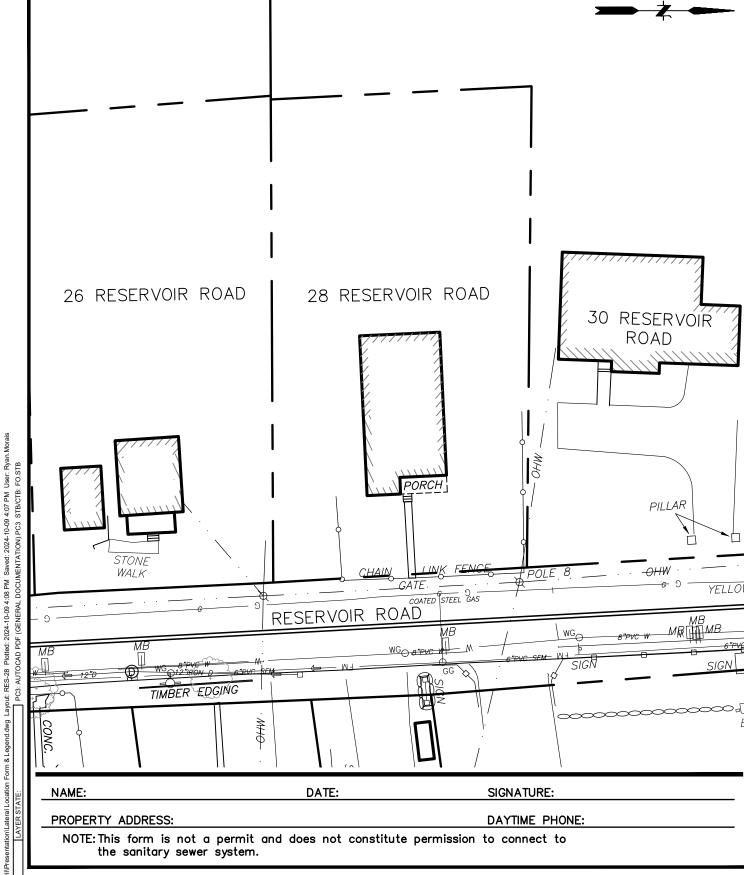
COVENTRY HIGH SCHOOL SEWER EXTENSION

26 RESERVOIR ROAD

LATERAL LOCATION FORM

RES 26

DATE: SEPTEMBER 2024



File: J:\DWG\P2022\0052\A40\Civi\\Presentation\Lateral Location Form & Legend.dwg

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY HIGH SCHOOL SEWER EXTENSION

28 RESERVOIR ROAD

LATERAL LOCATION FORM

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

RES 28

COVENTRY

Layout: RES-30 Plotted: 2024-10-09 4:08 PM Saved: 2024-10-09 4:07 PM User: Ryan.Morais
PC3: AUTOCAD PDF (GENERAL DOCUMENTATION) PC3 STB/CTB: FO.STB File: J:\DWG\P2022\0052\A40\Civil\Presentation\Lateral Location Form & Legend.dwg

GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

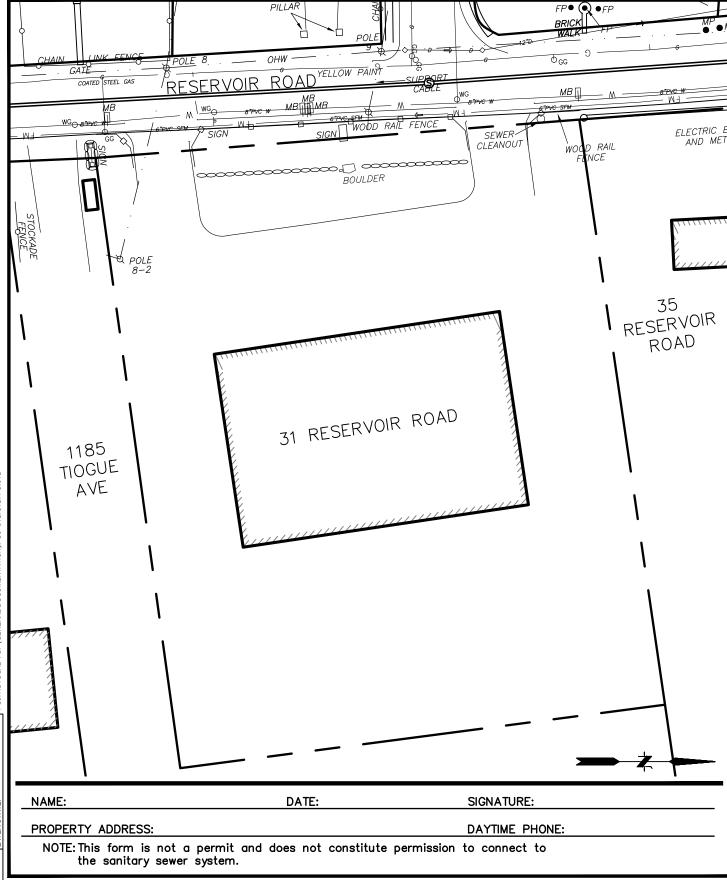
30 RESERVOIR ROAD

LATERAL LOCATION FORM

RHODE ISLAND

PROJ. No.: 20220052,A40 DATE: SEPTEMBER 2024

RES 30



SCALE:

HORZ.: 1" = 50'

VERT.:
DATUM:

HORZ.:
VERT.:
0 25' 50'

GRAPHIC SCALE

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com COVENTRY HIGH SCHOOL SEWER EXTENSION

31 RESERVOIR ROAD

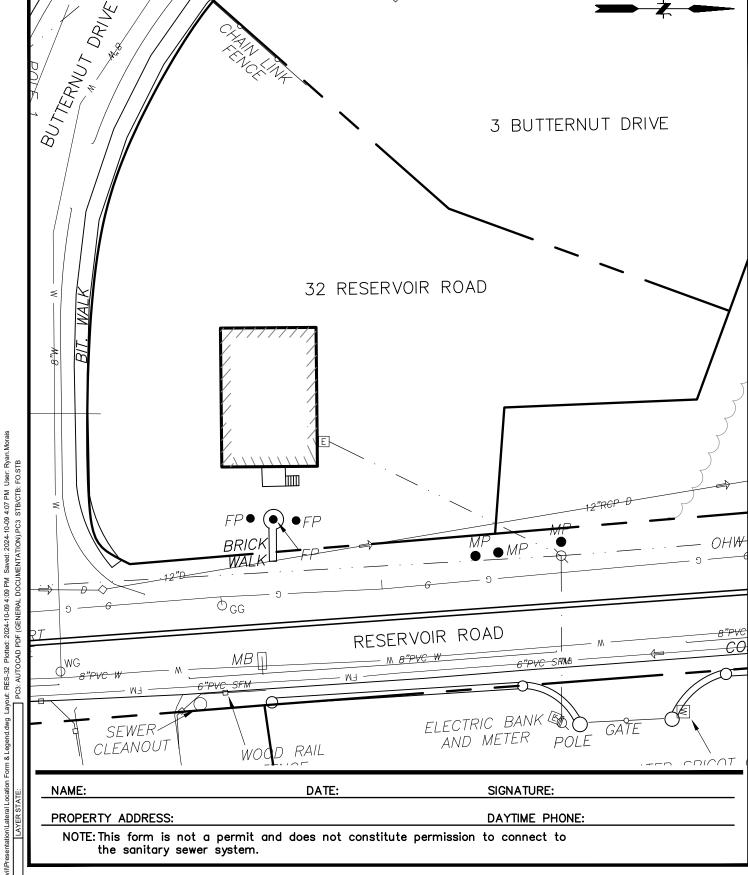
LATERAL LOCATION FORM

PROJ. No.: 20220052.A40
DATE: SEPTEMBER 2024

RES 31

File: J;DWG)P2022/0052A40/CivilNPresentation/Lateral Location Form & Legend.dwg Layout; RES-31 Plotted: 2024-10-09 4;08 PM Saved: 2024-10-09 4:07 PM User: Ryan.Morais IMS VIEW: LAYER STATE: LAYER STATE: P.O.3: AUTOCAD PDF (GENERAL DOCUMENTATION).PC3 STB/CTB: FO.STB

COVENTRY



File: J.:DWG\P2022\0052\40\C\vi\IPesentation\Lateral Location Form & Legend.dwg

COVENTRY HIGH SCHOOL SEWER EXTENSION

32 RESERVOIR ROAD

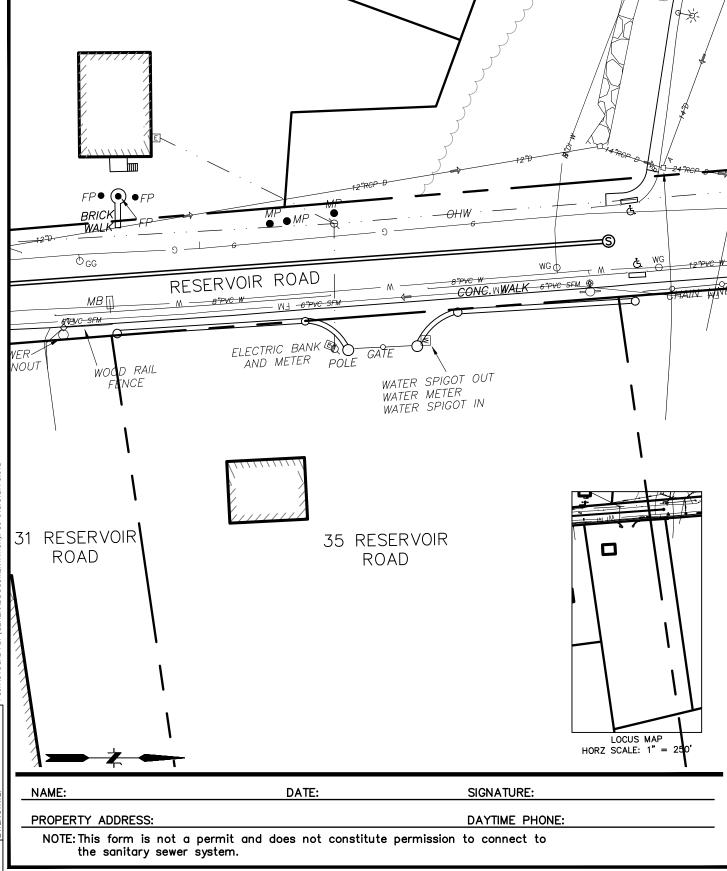
LATERAL LOCATION FORM

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

RES 32

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY



VERT.: VERT.: GRAPHIC SCALE

COVENTRY HIGH SCHOOL SEWER EXTENSION

35 RESERVOIR ROAD

LATERAL LOCATION FORM

DATE: SEPTEMBER 2024 **RES 35**

PROJ. No.: 20220052,A40

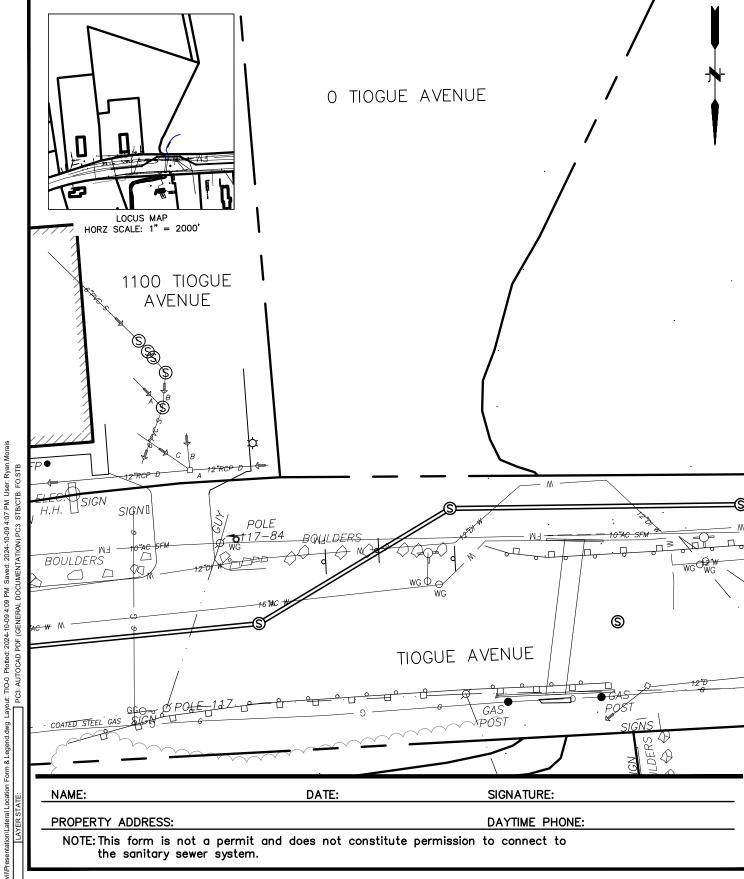
File: J:DWG/P20220062/A40/CiviliPresentation/Lateral Location Form & Legend.dwg Layout: RES-35 Plotted: 2024-10-09 4:09 PM Saved: 2024-10-09 4:07 PM User: Ryan.Morais | MS VIEW: | LAYER STATE: | LAYER STATE: | DC3: AUTOCAD PDF (GENERAL DOCUMENTATION).PC3 STB/CTB: FO.STB

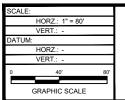
317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908

401.861.3070

www.fando.com

COVENTRY





File: J.:DWG\P2022\0052\40\C\vi\IPesentation\Lateral Location Form & Legend.dwg

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

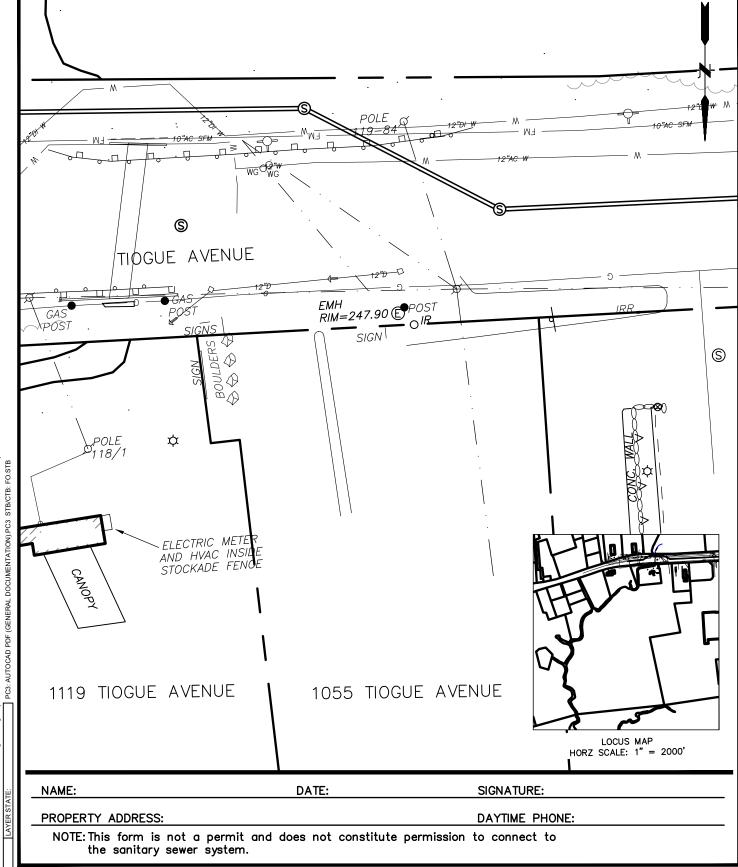
COVENTRY HIGH SCHOOL SEWER EXTENSION

0 TIOGUE AVENUE 0028-049.000

LATERAL LOCATION FORM

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

TIO-0



File: J:DWG)P2022'0052'A40'CivillPresentation\Lateral Location Form & Legend dwg IMS VIEW: | IAYER STATE:

Saved: 2024-10-09 4:07 PM User: Ryan.Morais

Layout: TIO-1055 Plotted: 2024-10-09 4:09 PM

SCALE:

HORZ.: 1" = 40'
VERT.:
DATUM:

HORZ.: VERT.:
0 20' 40'

GRAPHIC SCALE

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

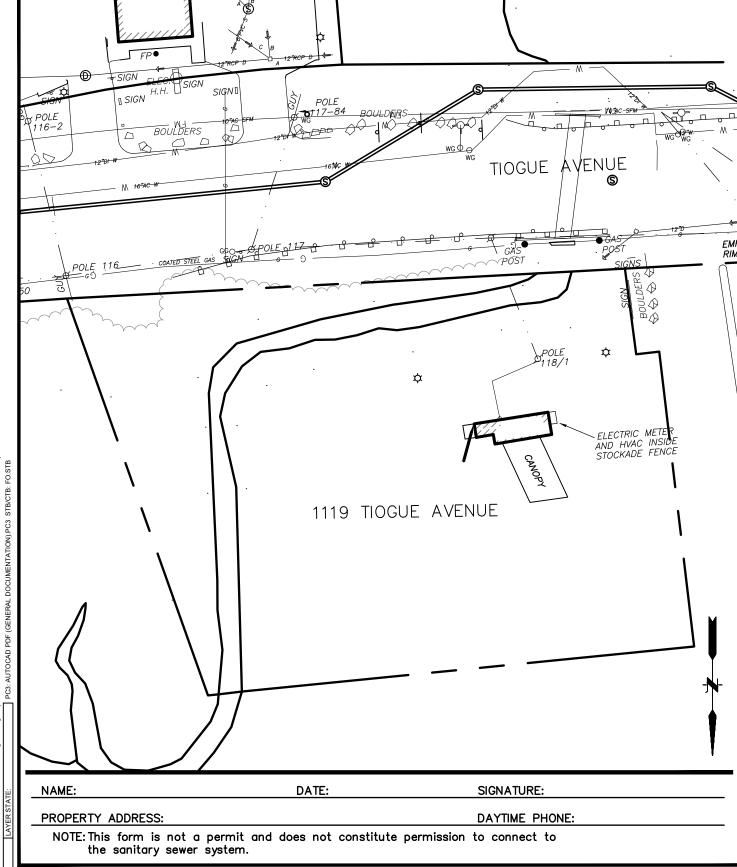
COVENTRY HIGH SCHOOL SEWER EXTENSION

1055 TIOGUE AVENUE

LATERAL LOCATION FORM

PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

TIO-1055



SCALE:

HORZ.: 1" = 50"

VERT.:
DATUM:

HORZ.:
VERT.:
0 25' 50'

GRAPHIC SCALE

Saved: 2024-10-09 4:07 PM User: Ryan.Morais

File: J:IDWGIP2022/0062A440iCivillPresentation\Lateral Location Form & Legend.dwg Layout: TIO-1119 Plotted: 2024-10-09 4/39 PM

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

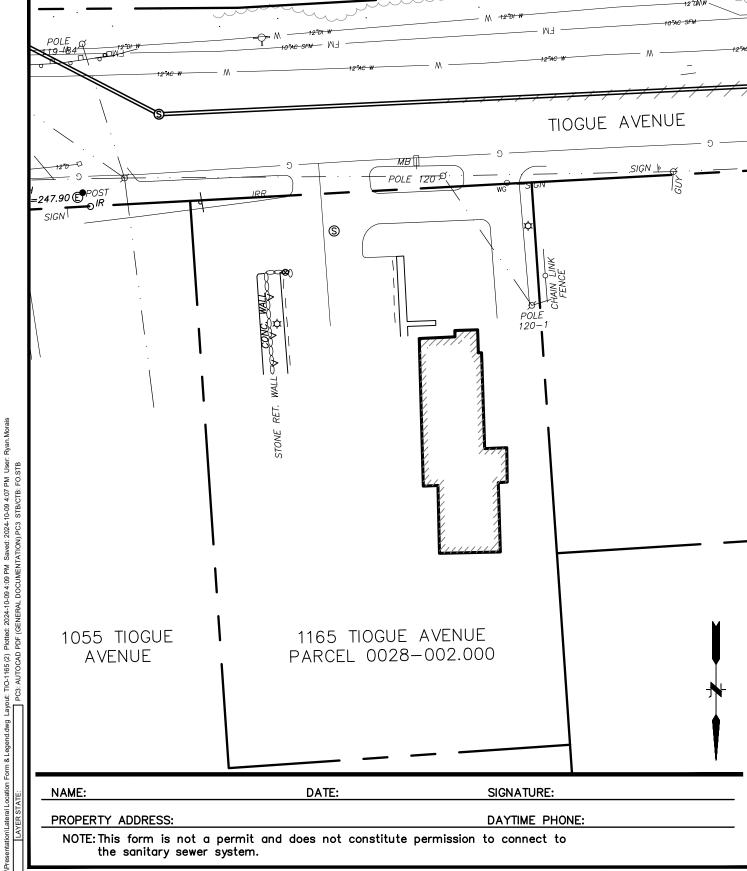
1119 TIOGUE AVENUE

LATERAL LOCATION FORM

TIO-1119

PROJ. No.: 20220052.A40

DATE: SEPTEMBER 2024



SCALE:

HORZ.: 1" = 50'

VERT.:
DATUM:

HORZ.:
VERT.:
0 25' 50'

GRAPHIC SCALE

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com COVENTRY HIGH SCHOOL SEWER EXTENSION

1165 TIOGUE AVENUE 0028-002.000

LATERAL LOCATION FORM

COVENTRY

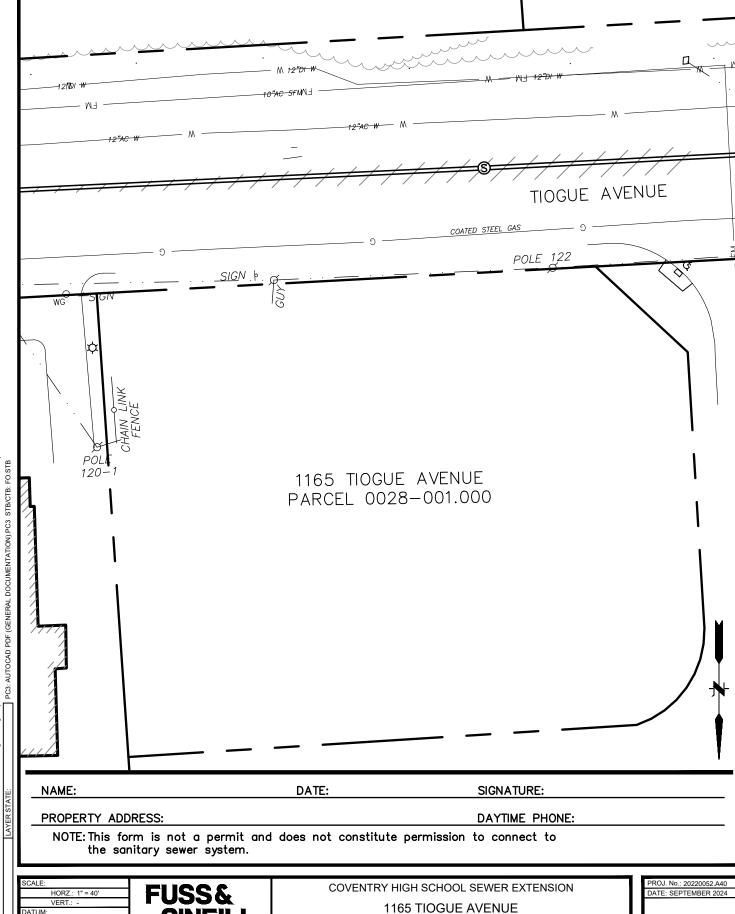
TIO-1165

PROJ. No.: 20220052.A40

DATE: SEPTEMBER 2024

RHODE ISLAND

File: J.IDWGIP2022\052\A40\Civi\Presentation\Lateral Location Form & Legend.dwg



0028-001.000

LATERAL LOCATION FORM

TIO-1165

RHODE ISLAND

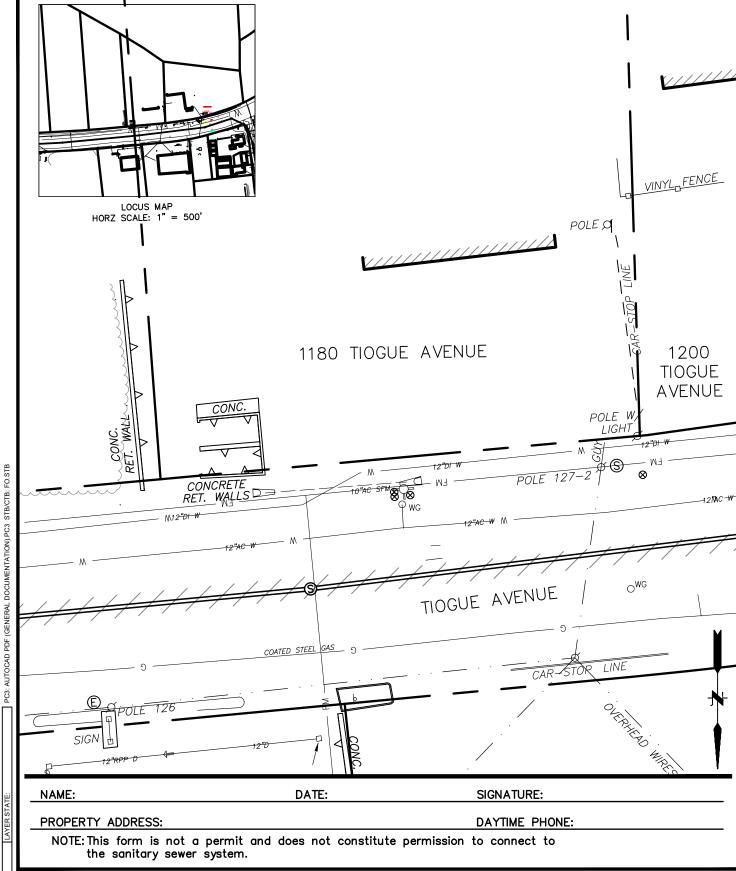
File: J:DWGIP2022/0052/A40/CiviliPresentation/Lateral Location Form & Legend.dwg Layout; TIO-1165 Plotted; 2024-10-09 4.09 PM Saved; 2024-10-09 4.07 PM User Ryan.Morais

GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070

COVENTRY

www.fando.com



File: J:DWG\P2022\0652\A40\Civil\Presentation\Lateral Location Form & Legend.dwg |MS VIEW: | LAYER STATE:

Saved: 2024-10-09 4:07 PM User: Ryan.Morais

Layout: TIO-1180 Plotted: 2024-10-09 4:09 PM

SCALE:

HORZ.: 1" = 40"

VERT.:
DATUM:

HORZ.:
VERT.:
0 20' 40'

GRAPHIC SCALE

FUSS& O'NEILL

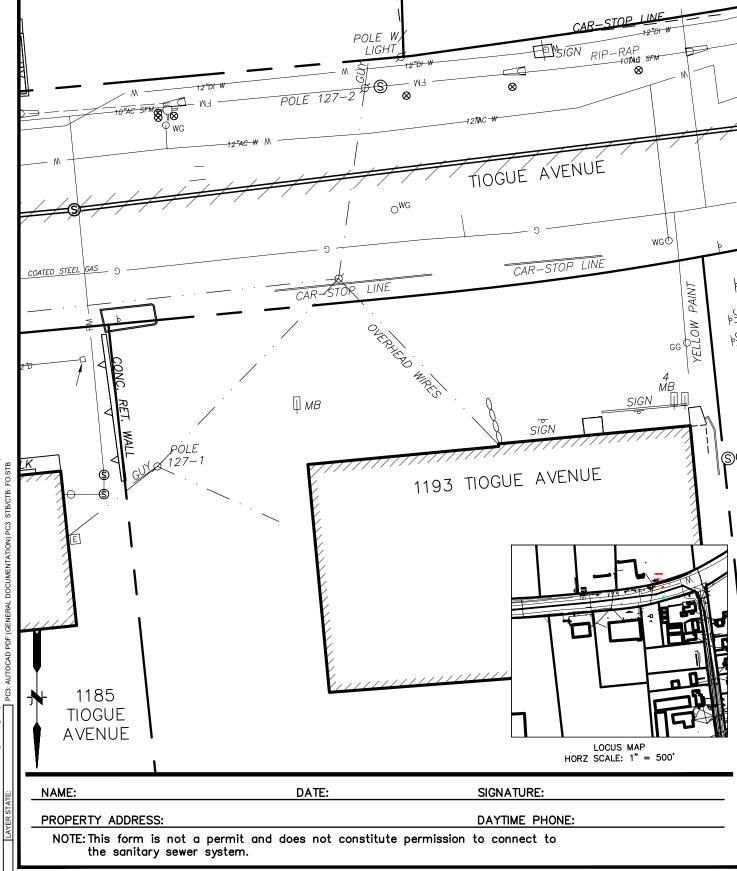
317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com COVENTRY HIGH SCHOOL SEWER EXTENSION

1180 TIOGUE AVENUE

PROJ. No.: 20220052.A40
DATE: SEPTEMBER 2024

TIO-1180

LATERAL LOCATION FORM COVENTRY



Saved: 2024-10-09 4:07 PM User: Ryan.Morais

Layout: TIO-1193 Plotted: 2024-10-09 4:09 PM

File: J.:DWG\P2022\0052\40\C\vi\IPesentation\Lateral Location Form & Legend.dwg

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

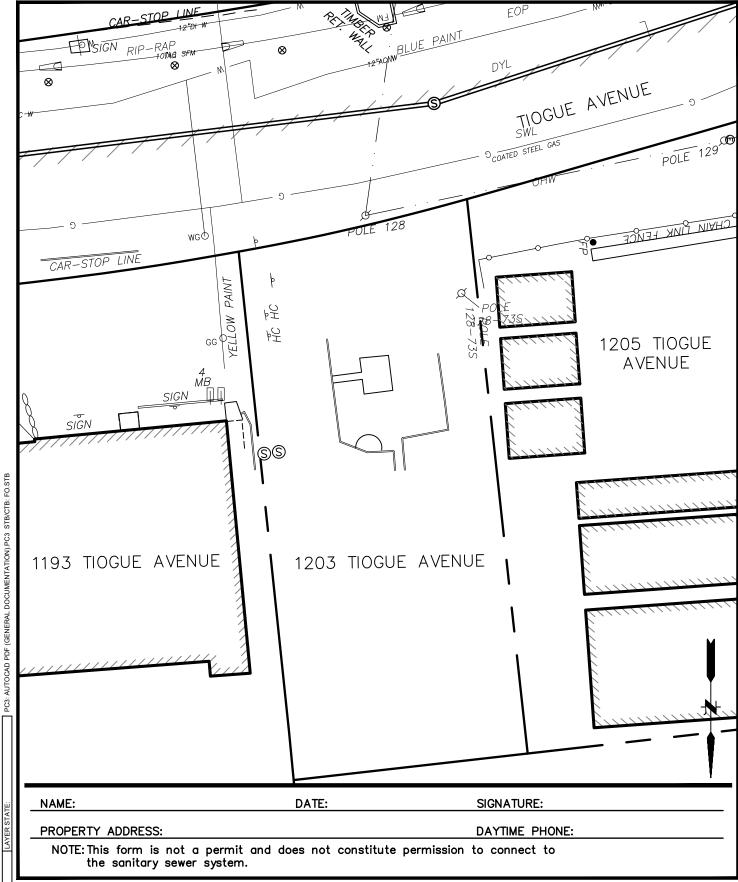
COVENTRY HIGH SCHOOL SEWER EXTENSION

1193 TIOGUE AVENUE

LATERAL LOCATION FORM

DATE: SEPTEMBER 2024 TIO-1193

PROJ. No.: 20220052.A40



SCALE:

HORZ.: 1" = 40'

VERT.:
DATUM:

HORZ.:
VERT.:
0 20' 40'

GRAPHIC SCALE

FUSS& O'NEILL

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

1203 TIOGUE AVENUE

LATERAL LOCATION FORM

TIO-1203

PROJ. No.: 20220052,A40

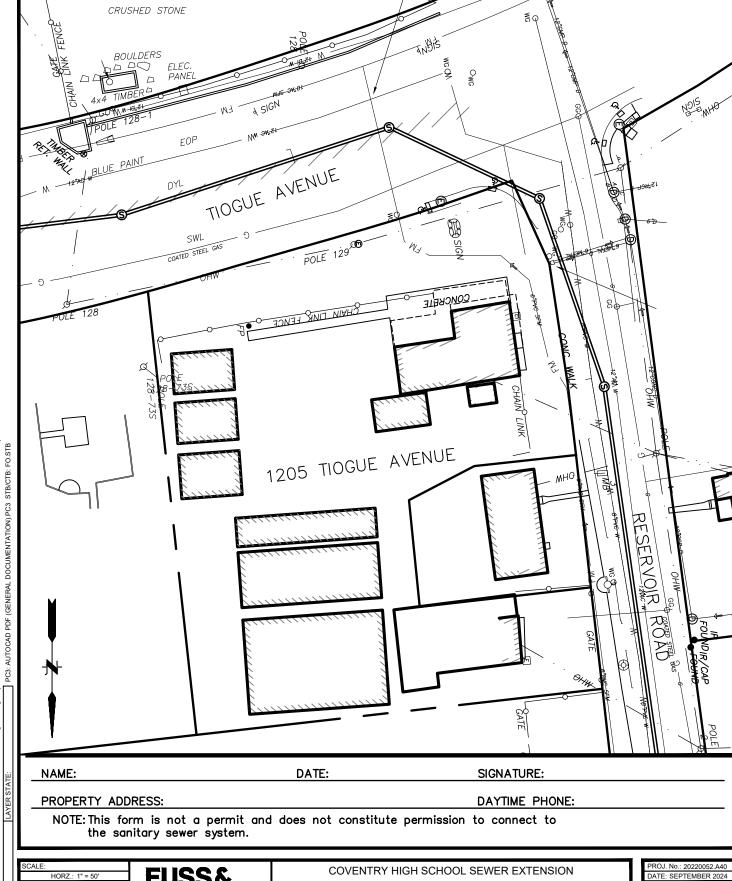
RHODE ISLAND

File: J:DWG\P2022\0052\A0\Civil\Presentation\Lateral Location Form & Legend.dwg

Saved: 2024-10-09 4:07 PM User: Ryan.Morais

Layout: TIO-1203 Plotted: 2024-10-09 4:09 PM

0



FENCE

File: J:DWG\P2022\0052\400Civil\Presentation\Lateral Location Form & Legend.dwg

Saved: 2024-10-09 4:07 PM User: Ryan.Morais

Layout: TIO-1205 Plotted: 2024-10-09 4:09 PM

GRAPHIC SCALE

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070 www.fando.com

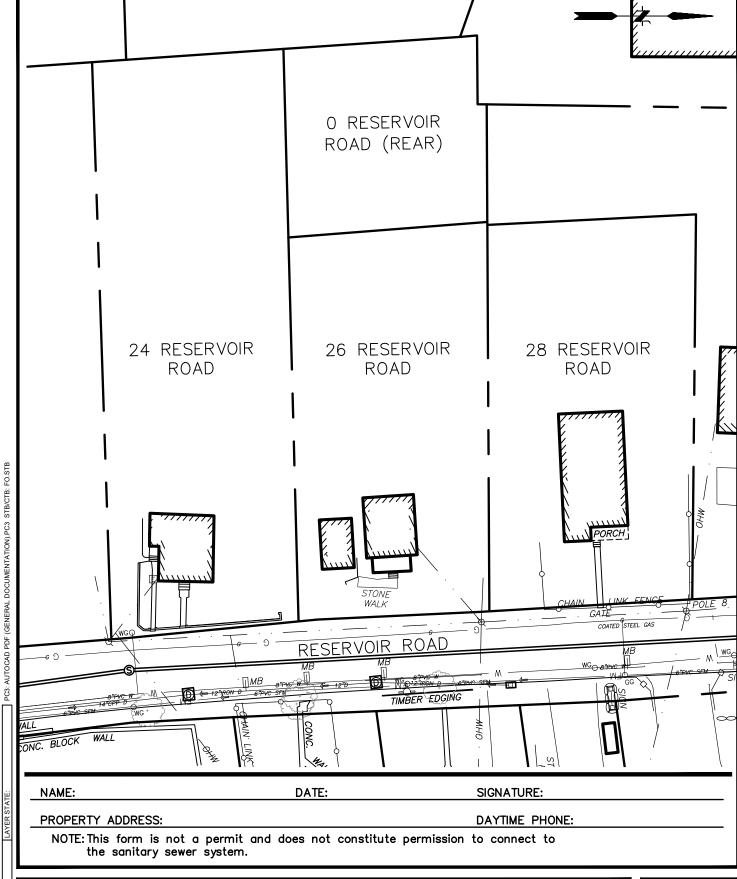
COVENTRY

COVENTRY HIGH SCHOOL SEWER EXTENSION

1205 TIOGUE AVENUE

LATERAL LOCATION FORM

TIO-1205



DA

VERT.:

GRAPHIC SCALE

File: J:\DWG\P2022\0052\A40\Civil\Presentation\Lateral Location Form & Legend.dwg

Layout: RES-0 (REAR) Plotted: 2024-10-16 2:26 PM Saved: 2024-10-09 4:33 PM User: Ryan.Morais

FUSS& O'NEILL 317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070

www.fando.com

COVENTRY HIGH SCHOOL SEWER EXTENSION

RES 0 (REAR)

LATERAL LOCATION FORM

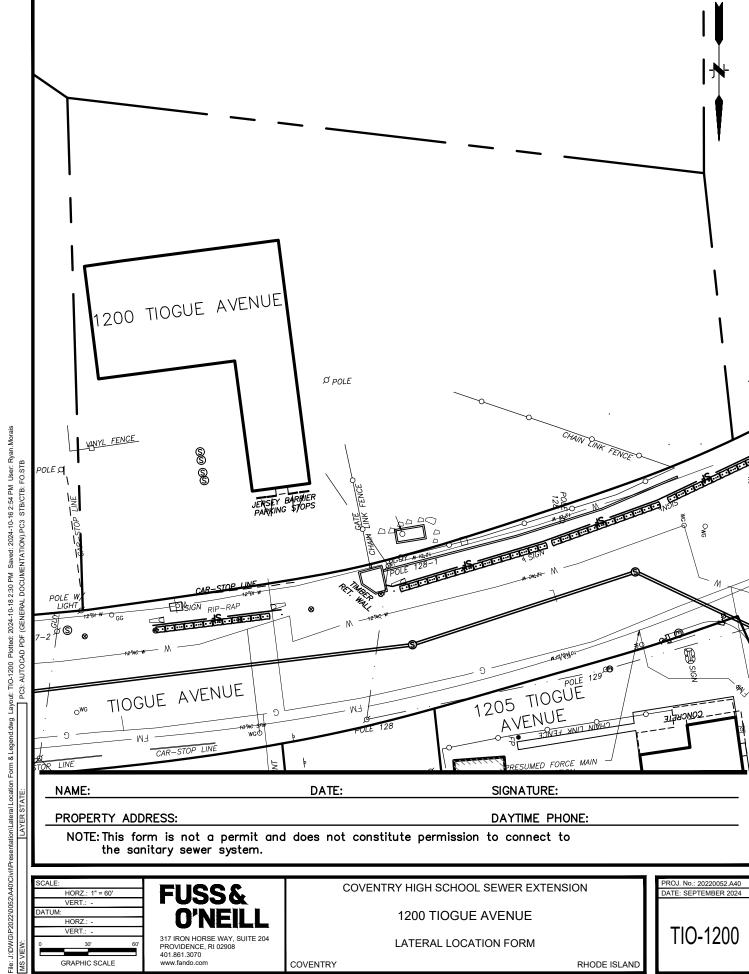
RES 0

PROJ. No.: 20220052,A40

DATE: SEPTEMBER 2024

RHODE ISLAND

COVENTRY



Saved: 2024-10-16 2:54 PM User: Ryan.Morais

Layout: TIO-1200 Plotted: 2024-10-18 2:30 PM

317 IRON HORSE WAY, SUITE 204 PROVIDENCE, RI 02908 401.861.3070

COVENTRY

www.fando.com

COVENTRY HIGH SCHOOL SEWER EXTENSION

1200 TIOGUE AVENUE

LATERAL LOCATION FORM

RHODE ISLAND

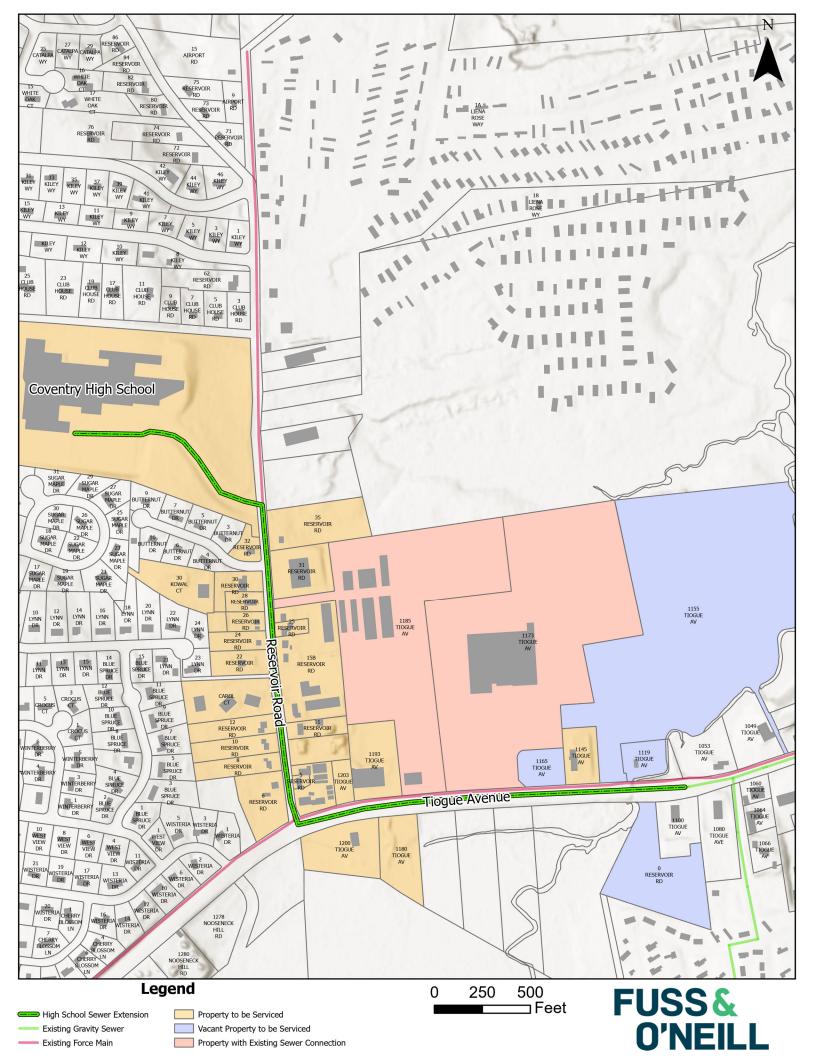
PROJ. No.: 20220052.A40 DATE: SEPTEMBER 2024

TIO-1200



-							
Λ		1		1	\sim	11	, ,
A	w	U	œ		u	12	•
		~		•			٠.

Sewer Service Area Map





Appendix J

Opinion of Cost

FUSS & O'NEILL, INC. 1 Financial Plaza Hartford, CT 06103 **OPINION OF COST** DATE PREPARED : 11/01/24 SHEET OF Coventry High School Sewer Extension PROJECT: BASIS: Coventry, RI Sewer Project Coventry, RI DESCRIPTION: Opinion of Cost for Coventry, RI High School Sewer Extension DRAWING NO.: CU-101 thru CU-106 STIMATOR:

Since Fuss & O'Neill has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor(s)' methods of determining prices, or over competitive bidding or market conditions, Fuss & O'Neill's opinion of probable Total Project Costs and Construction Cost are made on the basis of Fuss & O'Neill's experience and qualifications and represent Fuss & O'Neill's best judgment as an experienced and qualified professional engineer, familiar with the construction industry; but Fuss & O'Neill cannot and does not guarantee that proposals, bids or actual Total Project or Construction Costs will not vary from opinions of probable cost prepared by Fuss & O'Neill. If prior to the bidding or negotiating Phase the Owner wishes greater assurance as to Total Project or Construction Costs, the Owner shall employ an independent cost estimator.

ITEM	UNIT	NO.	PER	TOTAL
DESCRIPTION	MEAS.	UNITS	UNIT	COST
Maintenance and Protection of Traffic	L.S.	1	\$165,000.00	\$165,000.00
State Road & Town Roads Traffic Control	L.S.	1	\$171,000.00	\$171,000.00
Catch Basin Inlet Protection	EA.	20	\$250.00	\$5,000.00
Erosion Controls ²	L.F.	2,400	\$15.00	\$36,000.00
Tree Protection	EA.	10	\$40.00	\$400.00
Spill Kit	EA.	1	\$1,000.00	\$1,000.00
Project Sign	EA.	1	\$1,500.00	\$1,500.00
Record Drawings	L.S.	1	\$5,000.00	\$5,000.00
Clearing and Grubbing	L.S.	1	\$5,000.00	\$5,000.00
Test Pits	C.Y.	50	\$500.00	\$25,000.00
Authorized Additional Earth Excavation	C.Y.	100	\$100.00	\$10,000.00
Authorized Additional Bedding	C.Y.	100	\$70.00	\$7,000.00
Rock Excavation	C.Y.	60	\$300.00	\$18,000.00
Borrow	C.Y.	60	\$25.00	\$1,500.00
Control of Water and Dewatering Plan ³	L.S.	1	\$167,000.00	\$167,000.00
18 Inch PVC Gravity Sewer ⁴	L.F.	3,400	\$190.00	\$646,000.00
8 Inch PVC Gravity Sewer	L.F.	1,400	\$125.00	\$175,000.00
18x18x6 Inch Tee for Sewer Lateral Connections	EA.	25	\$240.00	\$6,000.00
8x8x6 Inch Tee for Sewer Lateral Connections	EA.	2	\$160.00	\$400.00
6" PVC Lateral Connection ⁵	L.F.	870		
4 Foot Diameter Concrete Manhole	V.F.		\$80.00	\$69,600.00
30 Inch Manhole Frame and Cover	EA.	280 23	\$650.00 \$1,600.00	\$182,000.00
4 Foot Diameter Manhole Invert	EA.	23	\$3,500.00	\$36,800.00 \$80,500.00
Manhole Invert Reconstruction	EA.	2	\$12,000.00	\$24,000.00
Temporary Pavement Repair (High School)	L.F.	900	\$40.00	\$36,000.00
Permanent Pavement Repair (High School)	L.F.	900	\$80.00	\$72,000.00
Temporary Pavement Repair (Town)	L.F.	2,100	\$48.00	\$100,800.00
Permanent Pavement Repair (Town)	L.F.	2,100	\$90.00	\$189,000.00
Temporary Pavement Repair (State)	L.F.	1,500	\$55.00	\$82,500.00
Permanent Pavement Repair (State)	L.F.	1,500	\$270.00	\$405,000.00
Mill and Overlay (State) ⁶	SY	9,900	\$45.00	\$445,500.00
Miscellaneous Bituminous Concrete	TON	20	\$150.00	\$3,000.00
Turf Establishment	S.Y.	90	\$8.00	\$800.00
Mishnock River Crossing ⁷		90		
ŭ	L.S.	1	\$250,000.00	\$250,000.00
Restoration Cost ⁸	L.S.	1	\$20,000.00	\$20,000.00
Miscellaneous Concrete	C.Y.	10	\$300.00	\$3,000.00
Subtotal Construction Cost				\$3,447,000.00
TOTAL CONSTRUCTION COST				\$3,447,000.00
Engineering Design	1.0	4		#270 000 00
Engineering Design Engineering CA/RPR	L.S. %	12.00%		\$378,000.00 \$413,640.00
<u> </u>	% %			
Contingency	70	20.00%		\$690,000.00
TOTAL PROJECT COST				\$4,929,000.00
				. , . – . ,
		-		

Notes

1. Since Fuss & O'Neill has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor(s') methods of determining prices, or over competitive bidding or market conditions, Fuss & O'Neill's opinions of probable total project costs and construction cost are made on the basis of Fuss & O'Neill's experience and qualifications and represent Fuss & O'Neill's best judgment as an experienced and qualified professional engineer familiar with the construction industry; but Fuss & O'Neill cannot and does not guarantee that proposals, bids or actual total project or construction costs will not vary from opinions of probable cost prepared by the Fuss & O'Neill. If prior to the bidding or negotiating phase the Client wishes greater assurance as to total project or construction costs, the Client shall employ an independent cost estimator.

TOTAL PROJECT COST (-15% TO +30% ROUNDED)

- 2. Includes cost for hay bales and silt fence erosion sediment control devices.
- 3. Excludes dewatering associated with Mishnock River crossing.
- 4. Fututre flow for Planning Areas 1 & 2 to flow through 18" Stub installed at the manhole at the intersection of Reservoir Road and the Coventry High School entrance.
- 5. Assuming that sewer lateral stubs will be provided up tot the property line for each existing residence.
- 6. Inclusive of curve to curve milling and overlay. Roadway width 60-feet.
- 7. A lump sum cost for the Mishnock River Crossing is provided to account for additional costs associated with installation of sewer infrastructure across the channel.
- 8. Cost associated with restoration with sewer lateral installation and sidewalk crossings.
- 9. Includes costs associated with Building Permits, Builders Risk Insurance, General Liability Insurance, Contractor Bonds, GC Field General Conditions & Contractor's Overhead and Profit.
- 10. Cost is not inclusive of any work related to the abandonment of the existing sanitary infrastructure.

\$3,610,000 TO \$5,520,000