

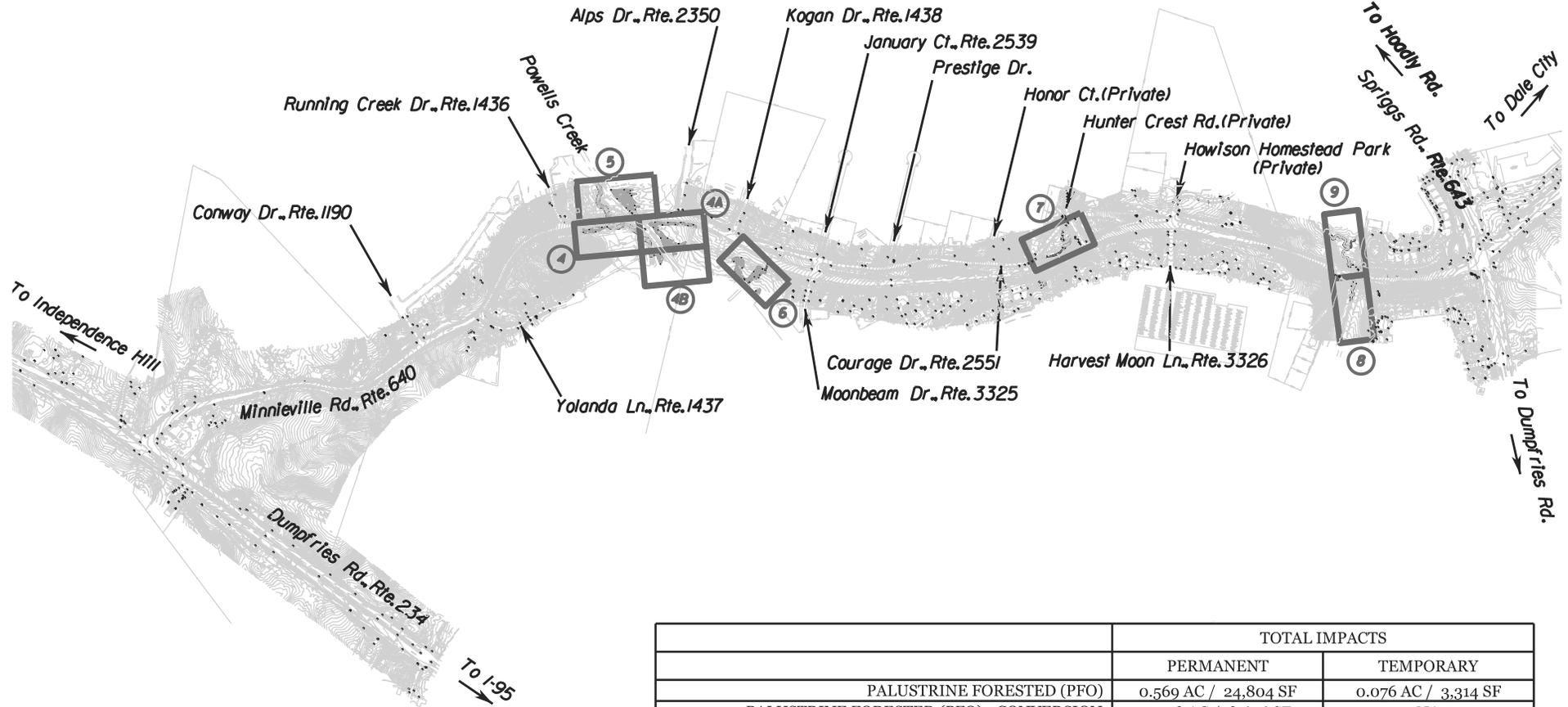
Source: USGS 7.5 minute Independent Hill and Joplin, Virginia Quadrangles

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
Joint Permit Application and Permit Support Document



Figure 1
Project Location Map



	TOTAL IMPACTS	
	PERMANENT	TEMPORARY
PALUSTRINE FORESTED (PFO)	0.569 AC / 24,804 SF	0.076 AC / 3,314 SF
PALUSTRINE FORESTED (PFO) - CONVERSION	0.198 AC / 8,626 SF	NA
PALUSTRINE EMERGENT (PEM)	0.108 AC / 4,629 SF	0.000 AC / 3 SF
PERENNIAL STREAM	791 LF	111 LF
INTERMITTENT STREAM	472 LF	27 LF

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
 Joint Permit Application and Permit Support Document

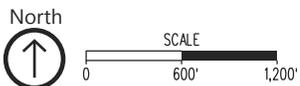
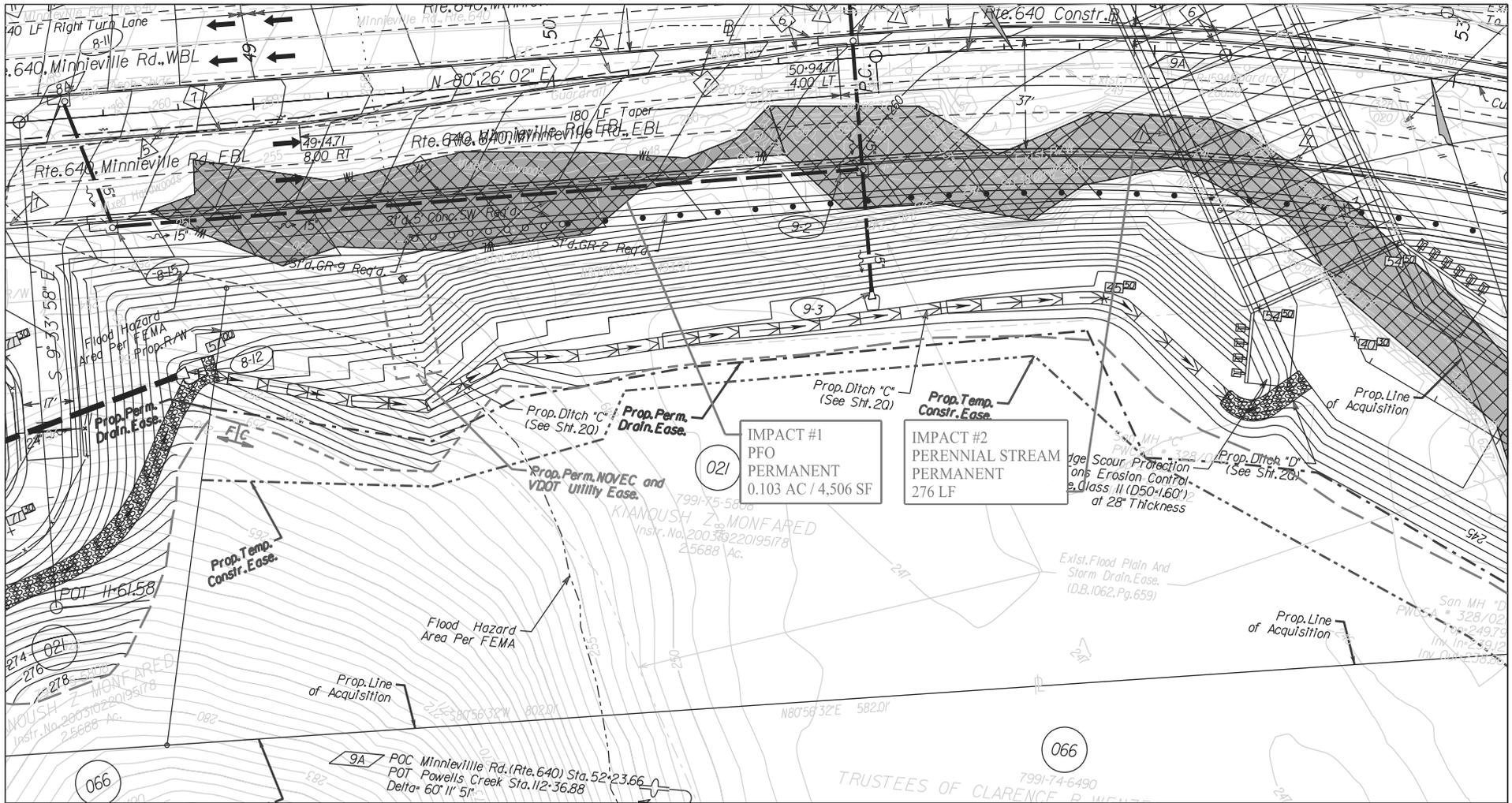


Figure 2
Overall Sheet Index



LEGEND

	PALUSTRINE FORESTED (PFO) IMPACT-PERMANENT (0.10 AC / 4,506 SF)		PERENNIAL STREAM IMPACT - PERMANENT (276 LF)
	PALUSTRINE FORESTED (PFO)		PERENNIAL STREAM

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
Joint Permit Application and Permit Support Document



Figure 3
Proposed Plan



MATCHLINE - SEE SHEET 4A

MATCHLINE - SEE SHEET 4B

LEGEND

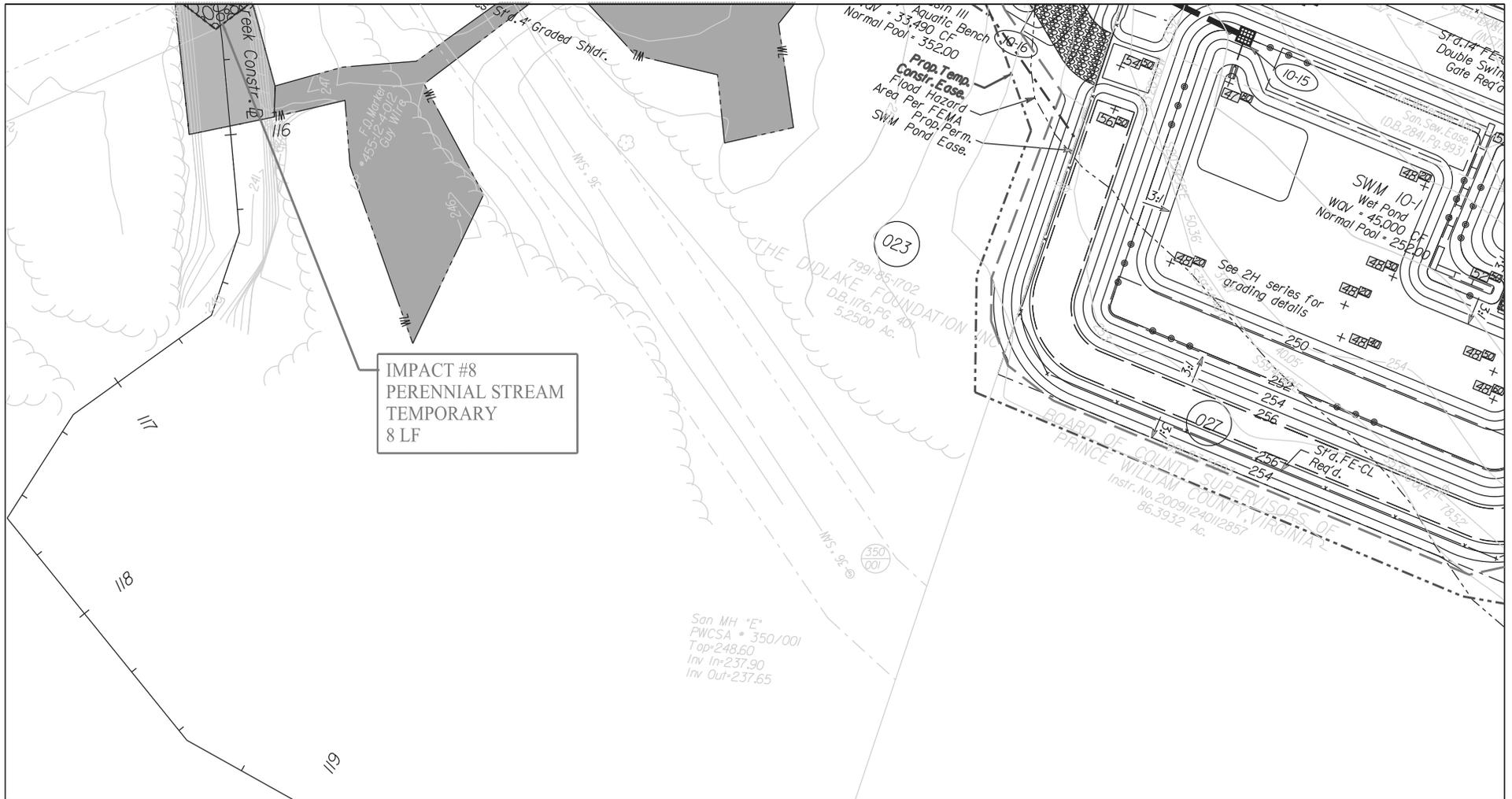
	PALUSTRINE FORESTED (PFO) IMPACT-TEMPORARY (0.045 AC / 1,951 SF)		PERENNIAL STREAM IMPACT - TEMPORARY (54 LF)
	PALUSTRINE FORESTED (PFO) IMPACT-PERMANENT (0.246 AC / 10,694 SF)		PERENNIAL STREAM IMPACT - PERMANENT (110 LF)
	PALUSTRINE FORESTED (PFO)		PERENNIAL STREAM

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
Joint Permit Application and Permit Support Document



Figure 4
Proposed Plan



LEGEND

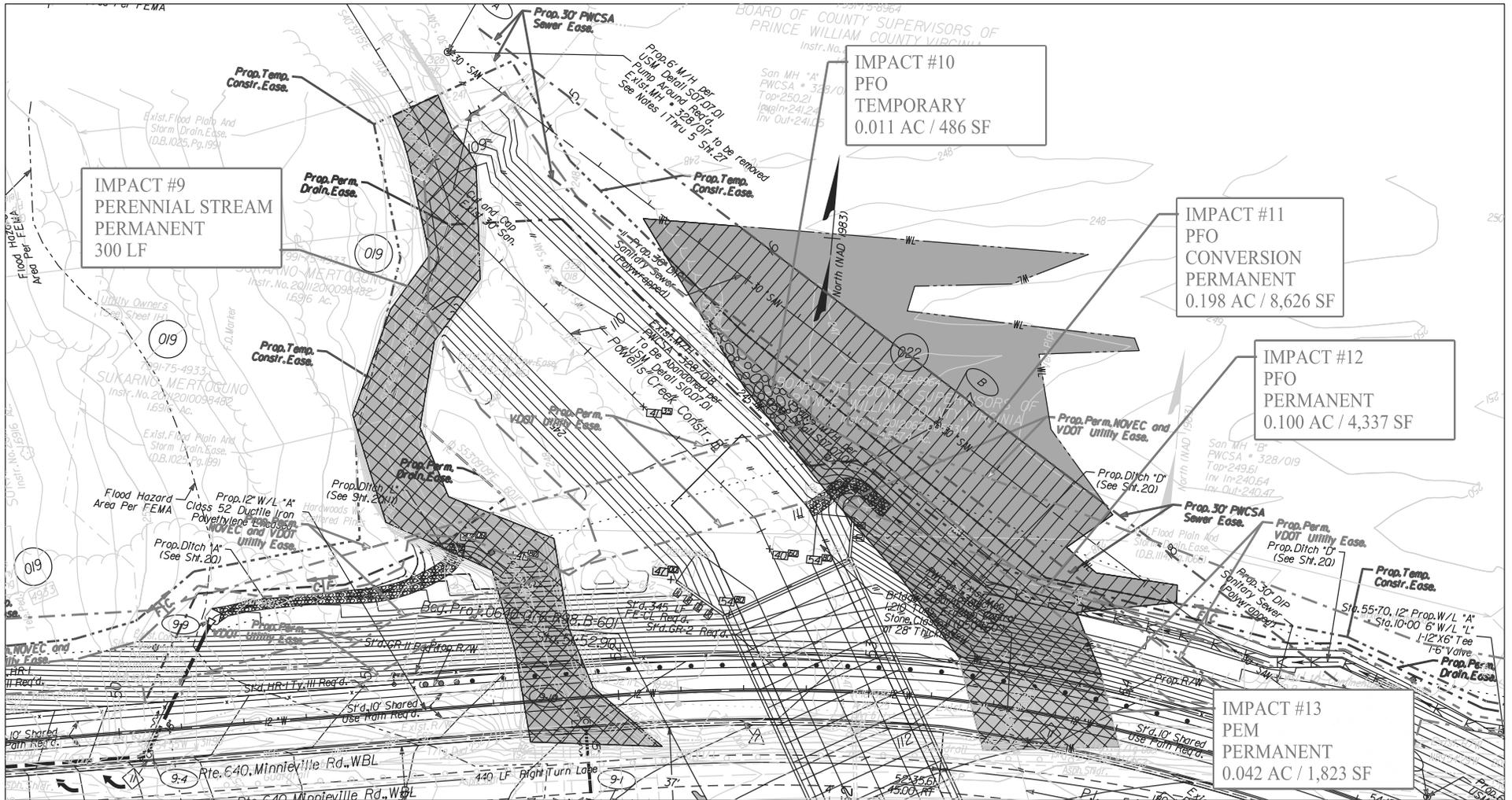
- PALUSTRINE FORESTED (PFO)
- PERENNIAL STREAM IMPACT - TEMPORARY (8 LF)
- PERENNIAL STREAM

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
 Joint Permit Application and Permit Support Document



Figure 5
Proposed Plan



LEGEND

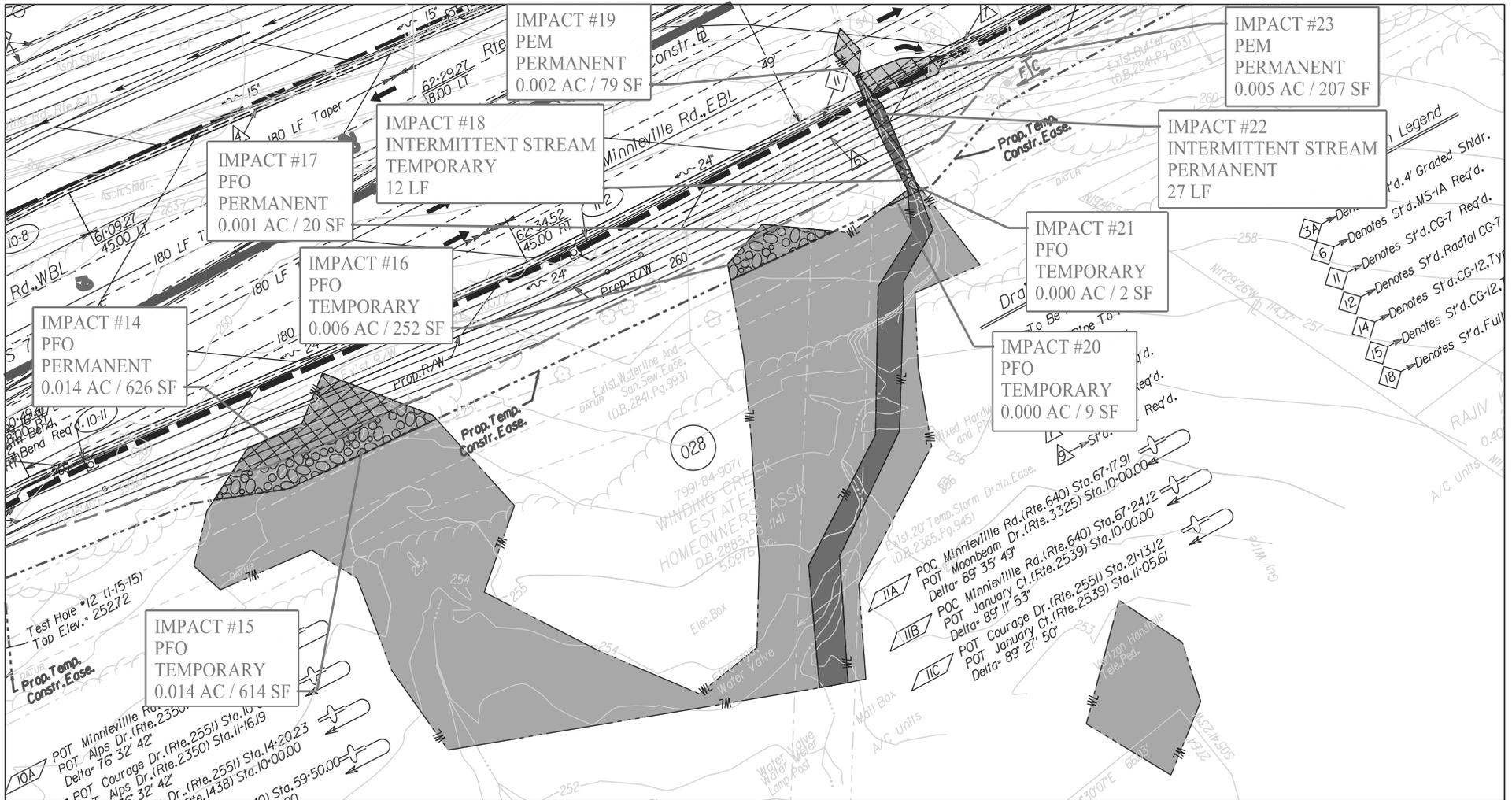
PALUSTRINE FORESTED (PFO) IMPACT-TEMPORARY (0.011 AC / 486 SF)	PALUSTRINE EMERGENT (PEM) IMPACT-PERMANENT (0.042 AC / 1,823 SF)	PERENNIAL STREAM IMPACT - PERMANENT (300 LF)
PALUSTRINE FORESTED (PFO) IMPACT-PERMANENT (0.100 AC / 4,337 SF)	PALUSTRINE EMERGENT (PEM)	PERENNIAL STREAM
PALUSTRINE FORESTED (PFO) CONVERSION-PERMANENT (0.198 AC / 8,626 SF)		
PALUSTRINE FORESTED (PFO)		

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
Joint Permit Application and Permit Support Document



Figure 6
Proposed Plan



LEGEND

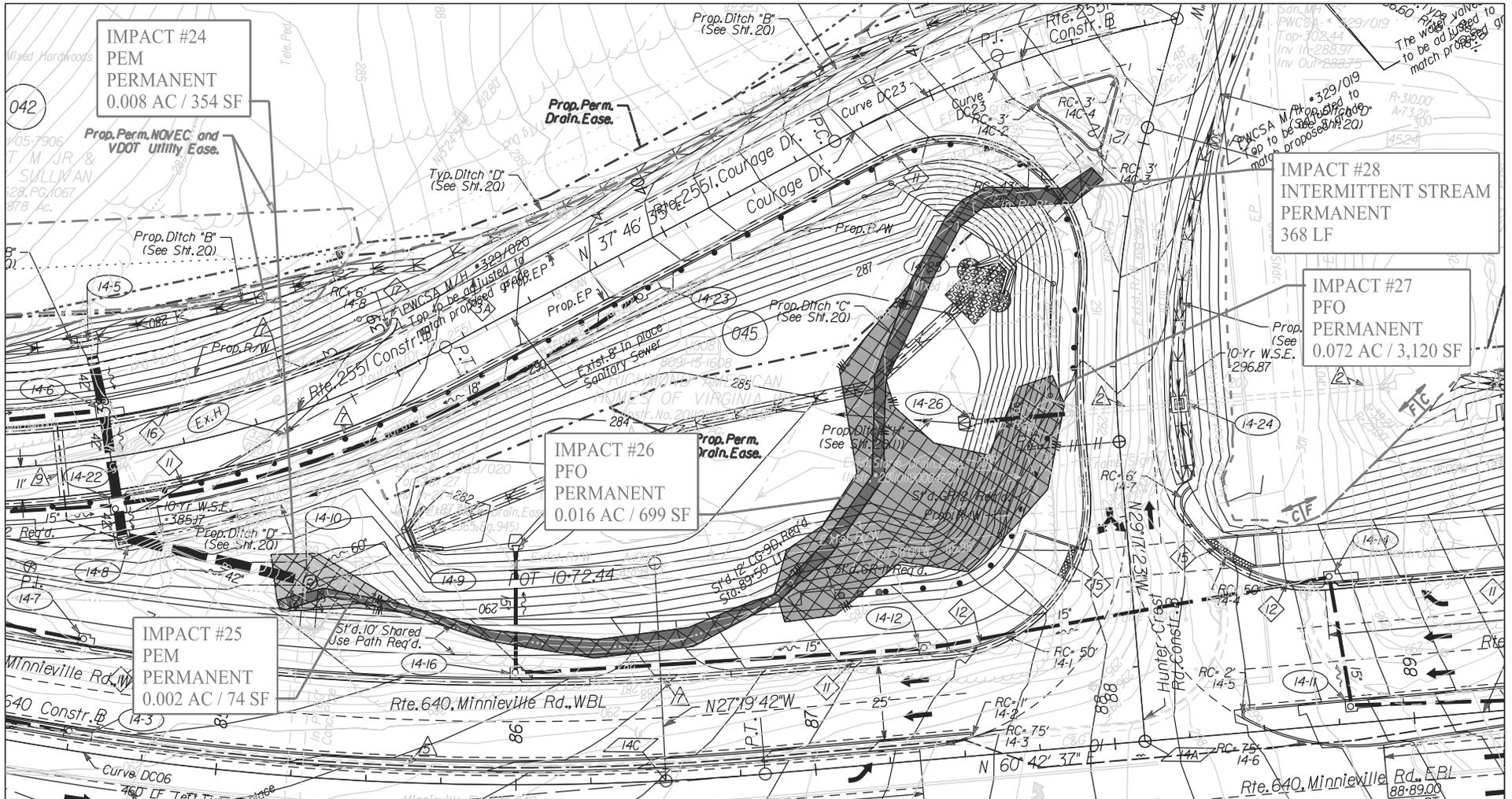
	PALUSTRINE FORESTED (PFO) IMPACT-TEMPORARY (0.020 AC / 877 SF)		PALUSTRINE EMERGENT (PEM) IMPACT-PERMANENT (0.007 AC / 286 SF)
	PALUSTRINE FORESTED (PFO) IMPACT-PERMANENT (0.015 AC / 646 SF)		PALUSTRINE EMERGENT (PEM)
	PALUSTRINE FORESTED (PFO)		INTERMITTENT STREAM IMPACT - TEMPORARY (12 LF)
			INTERMITTENT STREAM IMPACT - PERMANENT (27 LF)
			INTERMITTENT STREAM

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
Joint Permit Application and Permit Support Document



Figure 7
Proposed Plan



LEGEND

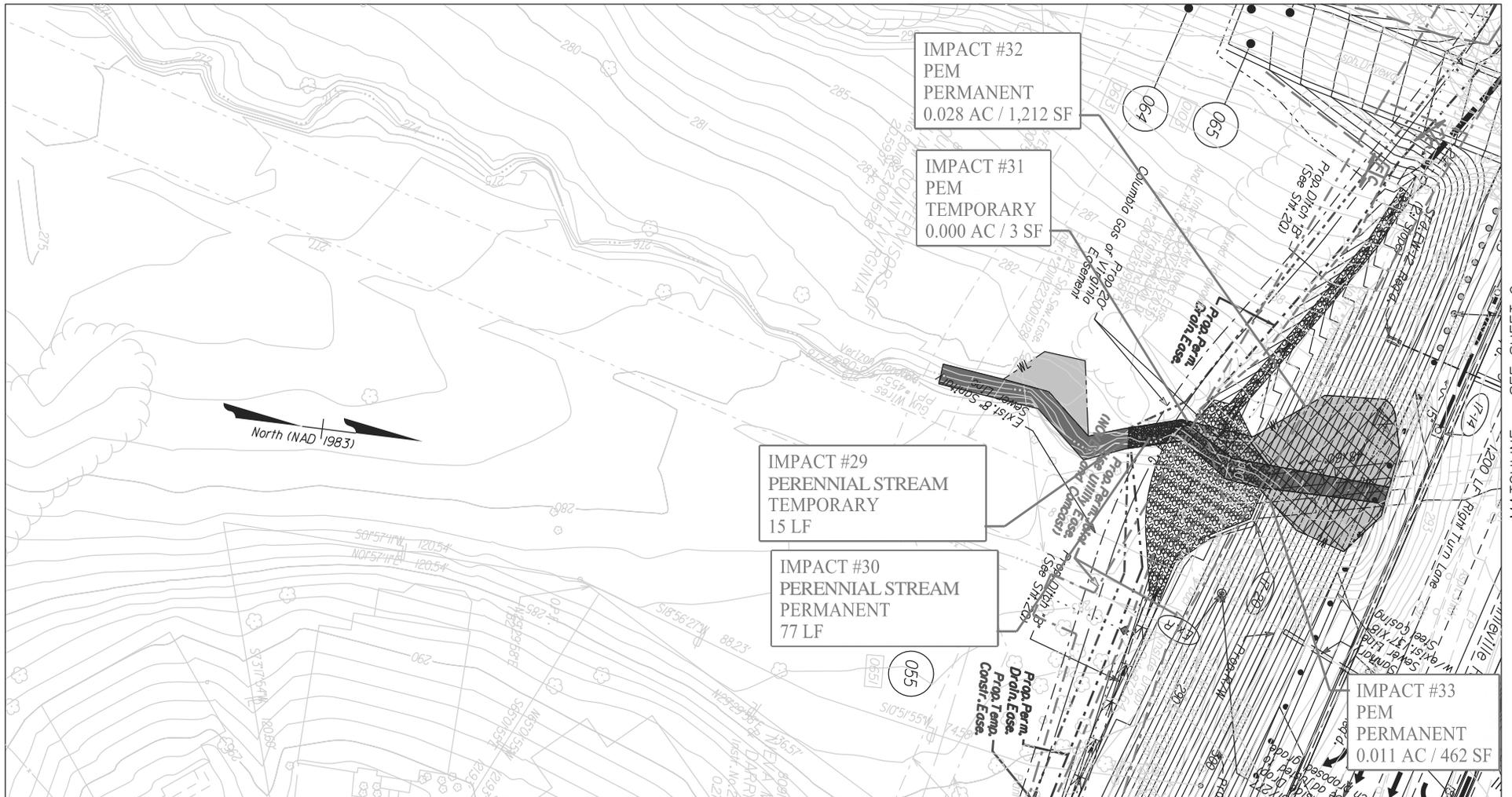
	PALUSTRINE FORESTED (PFO) IMPACT-PERMANENT (0.088 AC / 3,819 SF)		PALUSTRINE EMERGENT (PEM) IMPACT-PERMANENT (0.010 AC / 428 SF)
	PALUSTRINE FORESTED (PFO)		PALUSTRINE EMERGENT (PEM)
	INTERMITTENT STREAM IMPACT - PERMANENT (368)		INTERMITTENT STREAM

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
Joint Permit Application and Permit Support Document



Figure 8
Proposed Plan



MATCHLINE - SEE SHEET 9

LEGEND

	PALUSTRINE EMERGENT (PEM) IMPACT-TEMPORARY (0.000 AC / 3 SF)		INTERMITTENT STREAM IMPACT - TEMPORARY (15 LF)
	PALUSTRINE EMERGENT (PEM) IMPACT-PERMANENT (0.039 AC / 1,674 SF)		INTERMITTENT STREAM IMPACT - PERMANENT (77 LF)
	PALUSTRINE EMERGENT (PEM)		INTERMITTENT STREAM

Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
Joint Permit Application and Permit Support Document

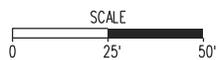
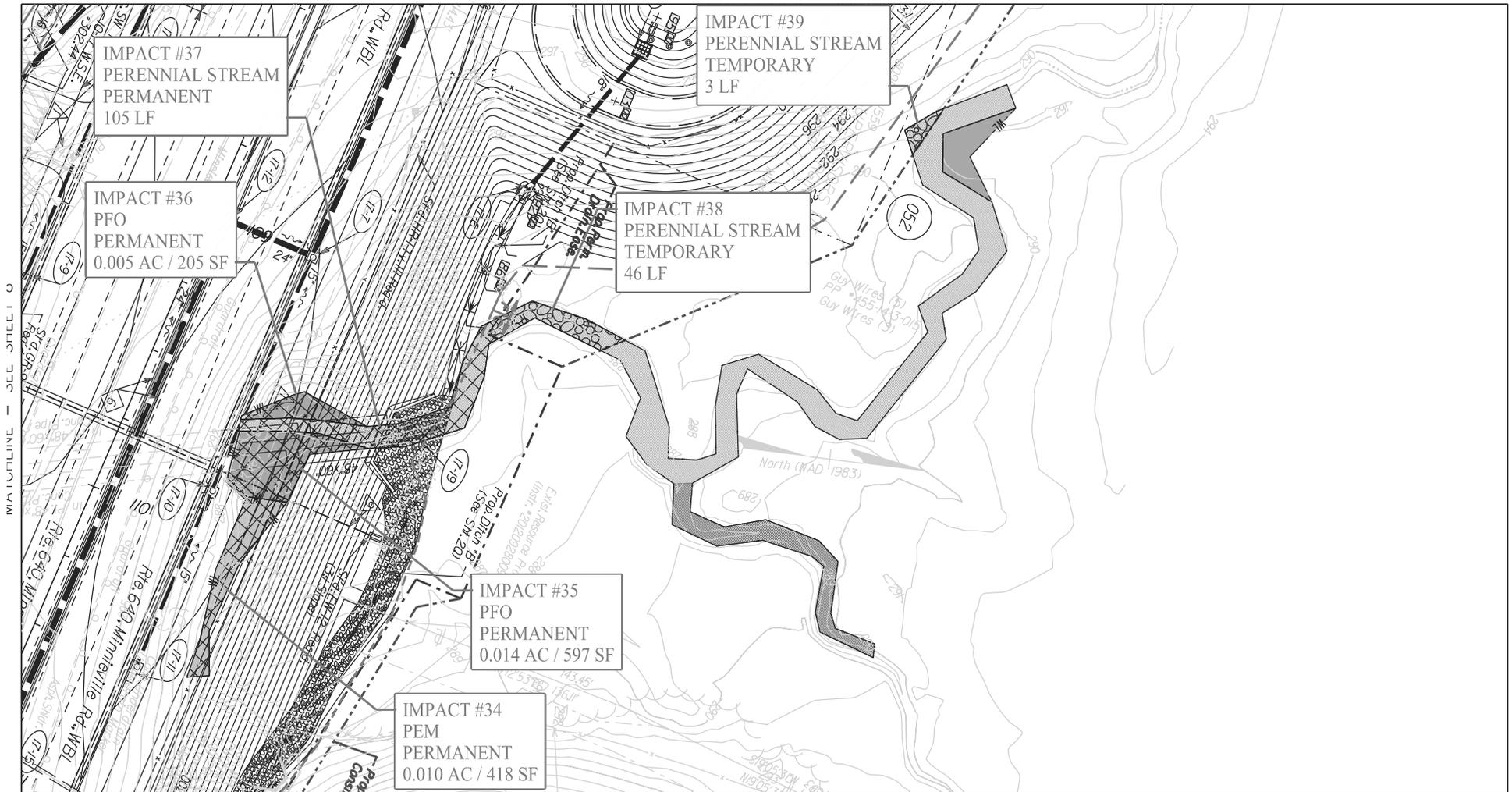
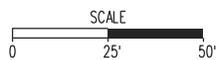


Figure 9
Proposed Plan



LEGEND

 PALUSTRINE FORESTED (PFO) IMPACT-PERMANENT (0.019 AC / 802 SF)	 PALUSTRINE EMERGENT (PEM) IMPACT-PERMANENT (0.010 AC / 418 SF)
 PALUSTRINE FORESTED (PFO)	 PALUSTRINE EMERGENT (PEM)
 PERENNIAL STREAM IMPACT - TEMPORARY (49 LF)	 PERENNIAL STREAM IMPACT - PERMANENT (105 LF)
 PERENNIAL STREAM	



Minnieville Road | Prince William County, Virginia

Minnieville Road Improvement Project
Joint Permit Application and Permit Support Document

Figure 10
Proposed Plan