

LEGEND

APPROXIMATE PROJECT LIMITS

ANGLER ENVIRONMENTAL

CORPORATE | 5367 TELEPHONE ROAD, WARRENTON, VIRGINIA 20187
P: 703.393.4844 | F: 703.393.2934

RICHMOND 3751 WESTERRE PARKWAY STE. A, RICHMOND, VIRGINIA 23233
P: 804.353.6017 | F: 804.353.6918

MARYLAND | 1434 ODENTON ROAD, ODENTON, MARYLAND 21113
P: 410.672.4326 | F: 410.672.4328

PROJECT LOCATION MAP

PROPOSED NASH COUNTY SUBSTATION

NASH COUNTY, NORTH CAROLINA

USGS Topo Quads: Drake Whitakers
 Latitude: 36.044939
 Longitude: -77.752376
 Approx. Project Area: 37.01 acres
 Elevation: 92 - 128 feet
 Scale: 1 inch = 2,000 feet
 Source: <http://resources.arcgis.com/>

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AERIAL IMAGERY

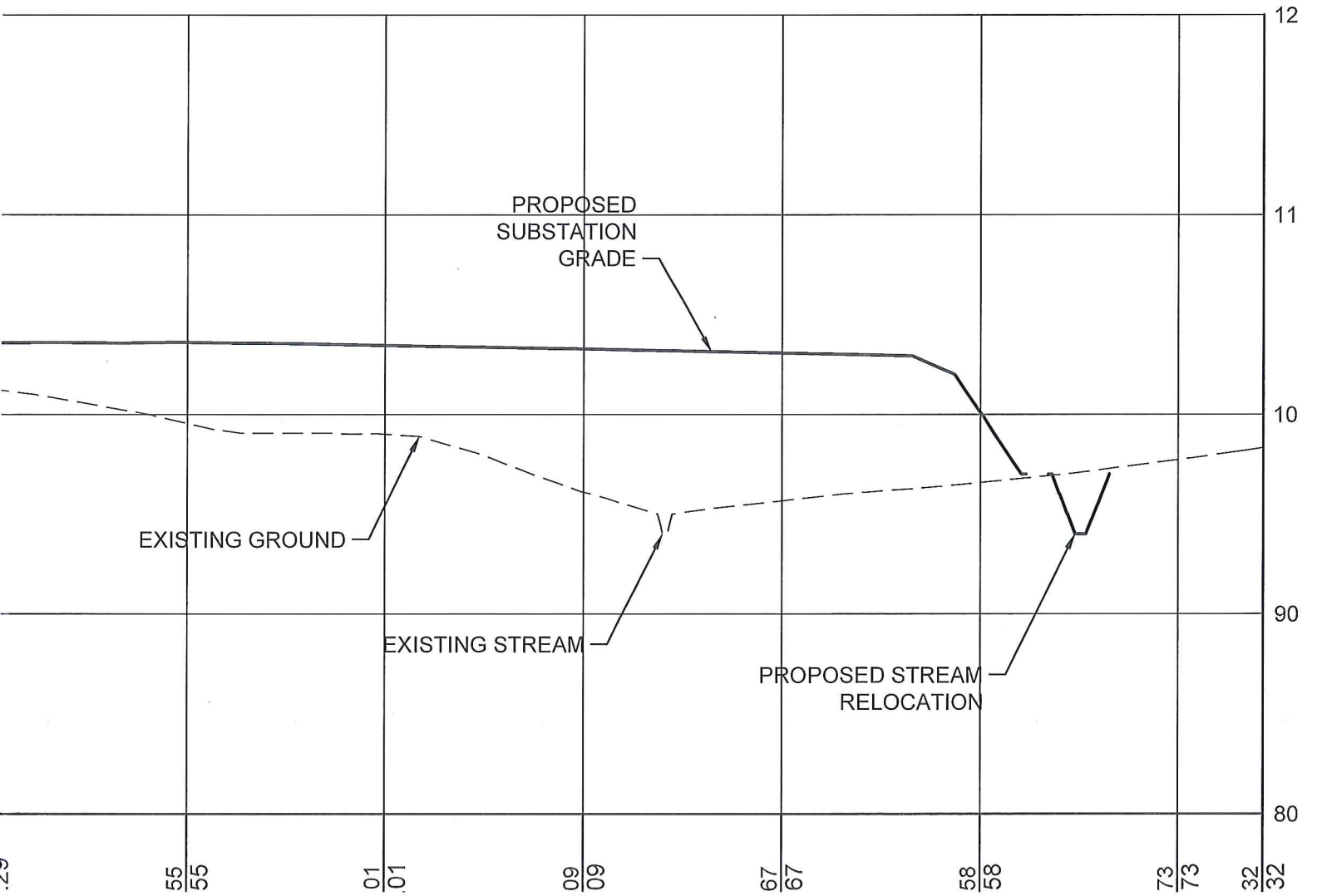
PROPOSED NASH COUNTY
SUBSTATION

NASH COUNTY, NORTH CAROLINA

Digital Orthophoto Source:
ESRI
ArcGIS Online

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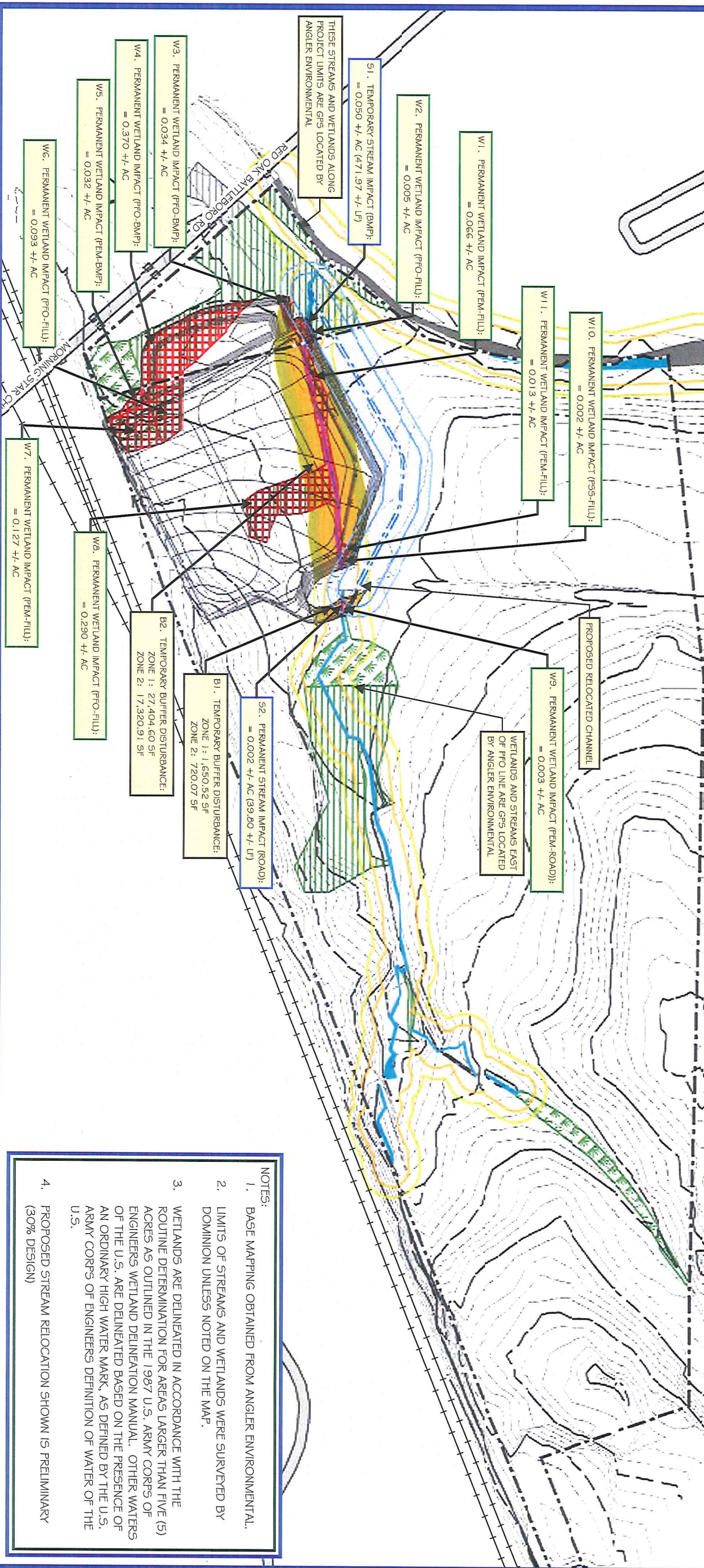
1 inch = 300 feet





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- APPROXIMATE PROJECT LIMITS
- STREAM LIMITS
- PALUSTRINE EMERGENT (PEM) WETLAND LIMITS
- PALUSTRINE FORESTED (PFO) WETLAND LIMITS
- PALUSTRINE SCRUB SHRUB (PSS) WETLAND LIMITS
- STREAM IMPACT FILL
- STREAM IMPACT ROAD
- WETLAND IMPACT BMP
- WETLAND IMPACT FILL
- WETLAND IMPACT ROAD
- ZONE 1 BUFFER
- ZONE 2 BUFFER
- ZONE 1 STREAM RELOCATION BUFFER (PROPOSED)
- ZONE 2 STREAM RELOCATION BUFFER (PROPOSED)
- ZONE 1 BUFFER IMPACT (EXISTING)
- ZONE 2 BUFFER IMPACT (EXISTING)



Wetland Impact Number Permanent (P) or Temporary (T)	Type of Impact	Type of Wetland	Forested (Y) (N)	Area of Impact (Acres)
W1 (P)	FILL	PEM	N	0.066
W2 (P)	FILL	PRO	Y	0.005
W3 (P)	BMP	PFO	Y	0.034
W4 (P)	BMP	PFO	Y	0.37
W5 (P)	BMP	PEM	N	0.032
W6 (P)	FILL	PRO	Y	0.093
W7 (P)	FILL	PEM	N	0.127
W8 (P)	FILL	PEM	Y	0.29
W9 (P)	ROAD	PEM	N	0.003
W10 (P)	FILL	PSS	N	0.002
W11 (P)	FILL	PEM	N	0.013
Total				1.035

Stream Impact Number Permanent (P) or Temporary (T)	Type of Impact	Stream Name	Perennial (PER) or Intermittent (INT)	Average Stream Width (feet)	Average Stream Length (feet)	Area of Impact (Acres)
S1 (T)	FILL N/A		Perennial	4ft-5ft	471.97	0.05
S2 (P)	ROAD N/A		Perennial	4ft-5ft	39.8	0.002
Total					511.77	0.052

Temporary Buffer Disturbance Number	Buffer Zone	Area of Disturbance (Square Feet)
B1	Zone 1	1,650,52
B1	Zone 2	720,07
B2	Zone 1	27,404,60
B2	Zone 2	17,320,91

- NOTES:**
1. BASE MAPPING OBTAINED FROM ANGLER ENVIRONMENTAL.
 2. LIMITS OF STREAMS AND WETLANDS WERE SURVEYED BY DOMINION UNLESS NOTED ON THE MAP.
 3. WETLANDS ARE DELINEATED IN ACCORDANCE WITH THE ROUTINE DETERMINATION FOR AREAS LARGER THAN FIVE (5) ACRES AS OUTLINED IN THE 1987 U.S. ARMY CORPS OF ENGINEERS WETLAND DELINEATION MANUAL. OTHER WATERS OF THE U.S. ARE DELINEATED BASED ON THE PRESENCE OF AN ORDINARY HIGH WATER MARK, AS DEFINED BY THE U.S. ARMY CORPS OF ENGINEERS DEFINITION OF WATER OF THE U.S.
 4. PROPOSED STREAM RELOCATION SHOWN IS PRELIMINARY (30% DESIGN)

PROJECT MANAGER:	TL
DRAWN:	TD
JOB NUMBER:	4746.57
REVISIONS:	NONE

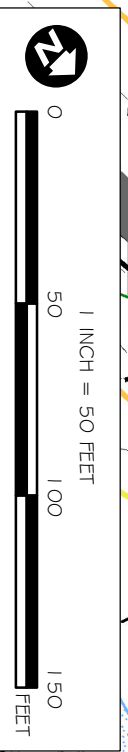
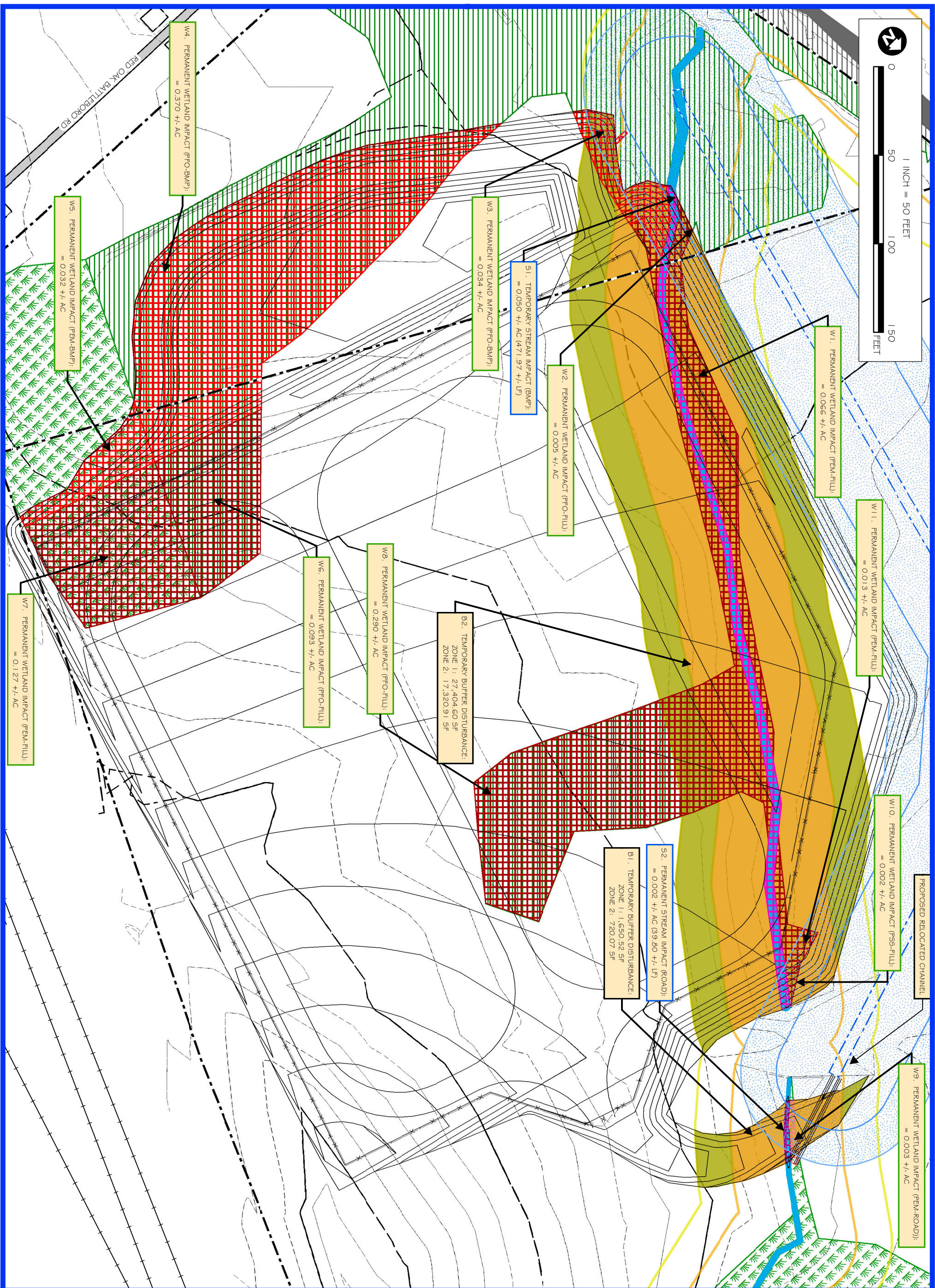
PROJECT: HATHAWAY SWITCHING STATION
 APPLICANT: DOMINION
 WATERS OF THE U.S.
 IMPACTS MAP
 CITY OF ROCKY MOUNT, NORTH CAROLINA

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