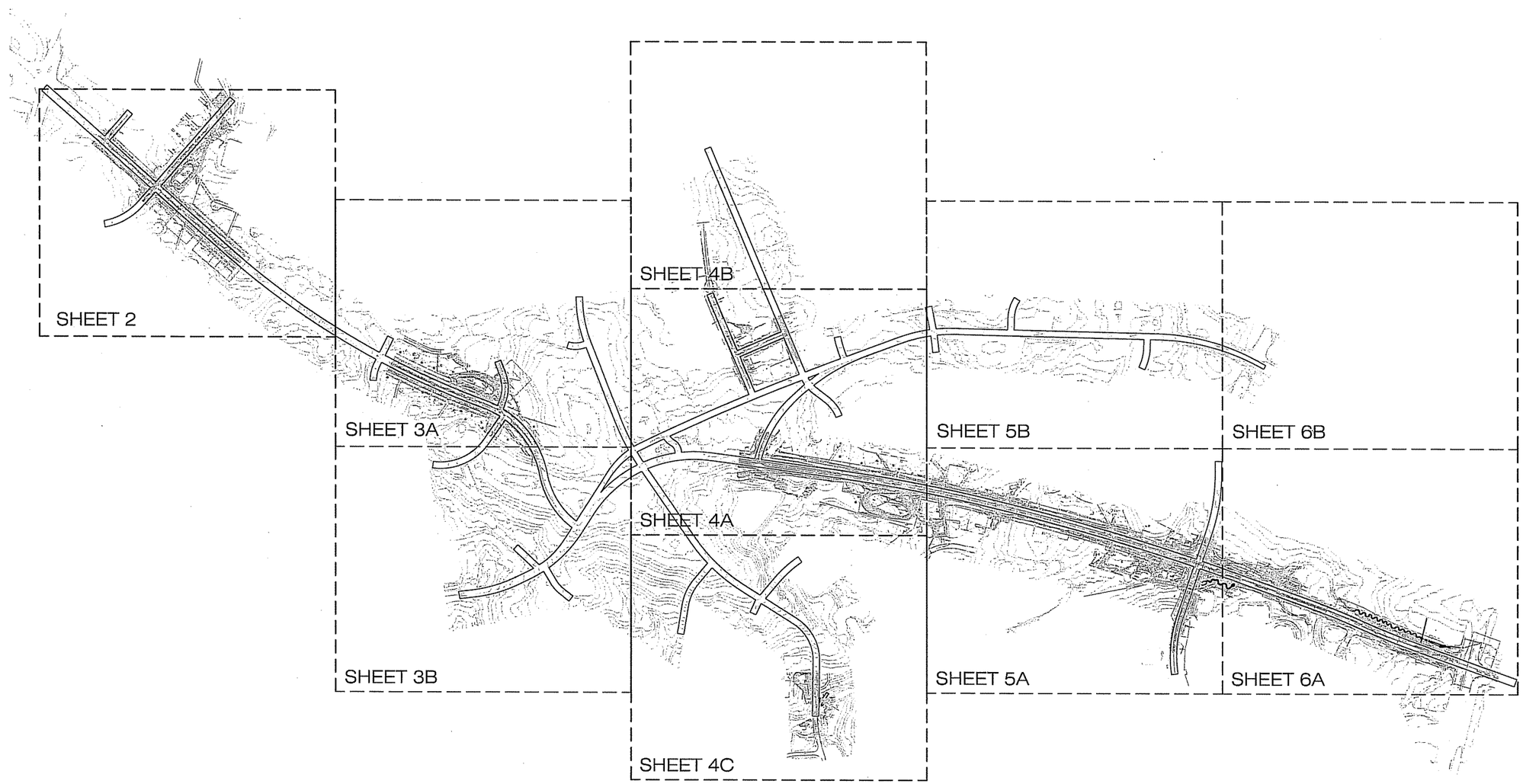

JURISDICTIONAL AREA IMPACTS:

PERMANENT	
WETLANDS	72,988 S.F. (1.67 ACRES±)
STREAM CHANNELS	6,572 S.F. (0.15 ACRE±)
(EXCLUDING WETLANDS)	2,050 L.F. ±
TEMPORARY	
WETLANDS	13,387 S.F. (0.32 ACRE±)
STREAM CHANNELS	1,304 S.F. (0.03 ACRE±)
(EXCLUDING WETLANDS)	548 L.F. ±

NOTE: THE LIMITS OF THE WATERS OF THE U.S., INCLUDING WETLANDS, CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS, CONFIRMATION #01-Q0012

CONTOUR INTERVAL = 2 FEET

400' 0' 200' 400' 800' 1200'

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
Environmental Consultants
5229 Center Street
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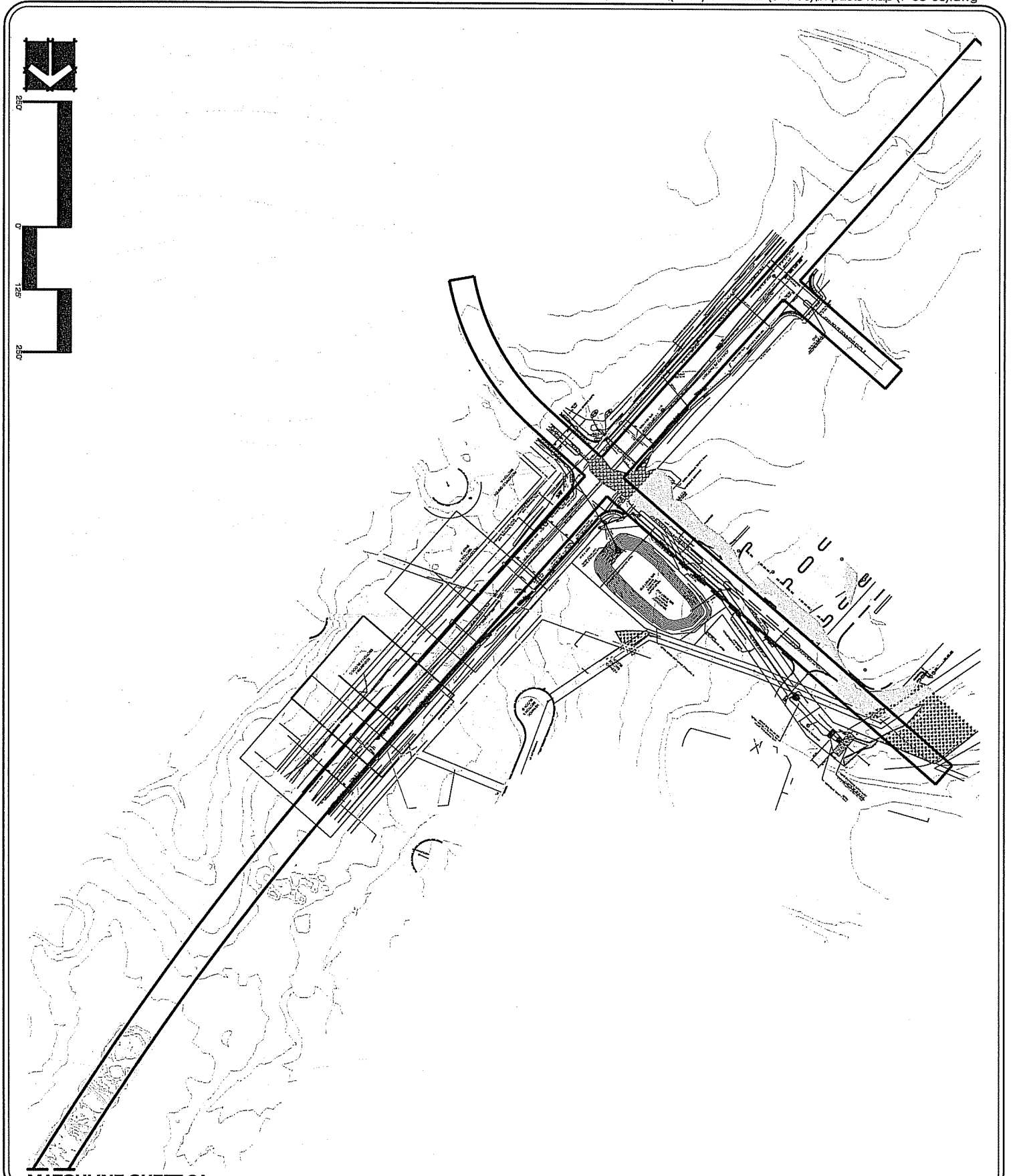
Richmond, Virginia 23225
(804) 267-3474
5705 Salem Run Blvd.
Suite 105
Fredericksburg, Virginia 22407
(540)785-5544

JURISDICTIONAL AREA IMPACTS MAP
SHEET INDEX - SHEET 1 OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

DATE: JUNE 7, 2005
REVISED: OCTOBER 5, 2005, MARCH 8, 2006
MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 400 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING.

\\WMBG3\CADprojects\1200s\1284-JOHN ROLFE PARKWAY\ECOLOGY\DELINEATION & IMPACTS\Submittals\(1284) Submittal-(5-4-06)\Impacts Map (7-03-06).dwg

\\WMBG3\CADprojects\1200s\1284-JOHN ROLFE PARKWAY\ECOLOGY\DELINEATION & IMPACTS\Submittals\(1284) Submittal-(5-4-06)\Impacts Map (7-03-06).dwg



DATE: JUNE 21, 2005
REVISED: OCTOBER 5, 2005, MARCH 8, 2006
MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 250 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 2 OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street
Williamsburg, Virginia 23188
(757) 220-5939
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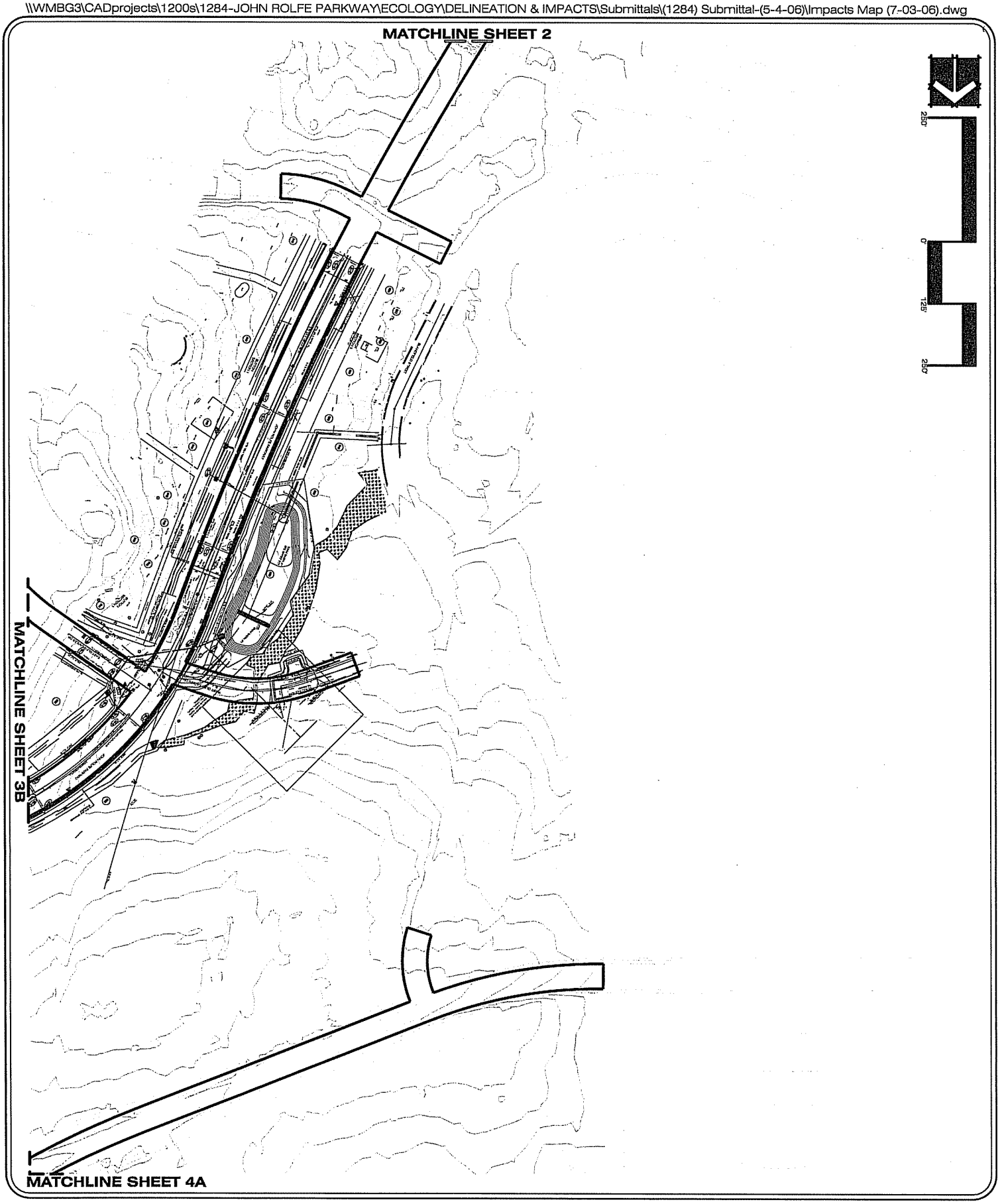
Richmond, Virginia 23225
(804) 267-3474
5705 Salem Run Blvd.
Suite 105
Fredericksburg, Virginia 22407
(540)785-5544
Environmental Consultants

\\WMBG3\CADprojects\1200s\1284-JOHN ROLFE PARKWAY\ECOLOGY\DELINEATION & IMPACTS\Submittals\(1284) Submittal-(5-4-06)\Impacts Map (7-03-06).dwg



DATE: JUNE 21, 2005
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MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 250 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 3A OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street
Williamsburg, Virginia 23188
(757) 220-5889
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5705 Salem Run Blvd.
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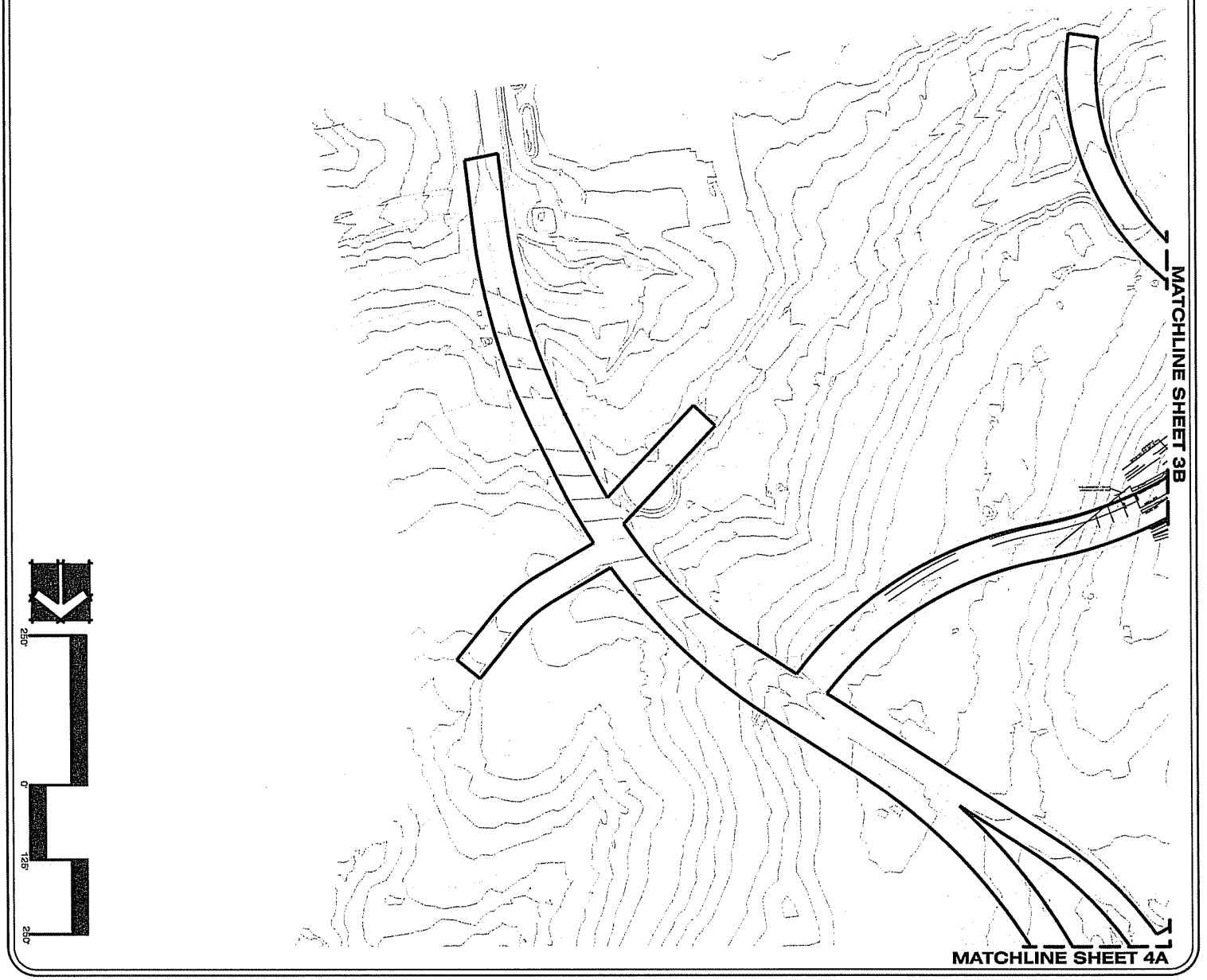
Environmental Consultants



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MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 250 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 3B OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street
Williamsburg, Virginia 23188
(757) 220-6930
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(540)785-5544
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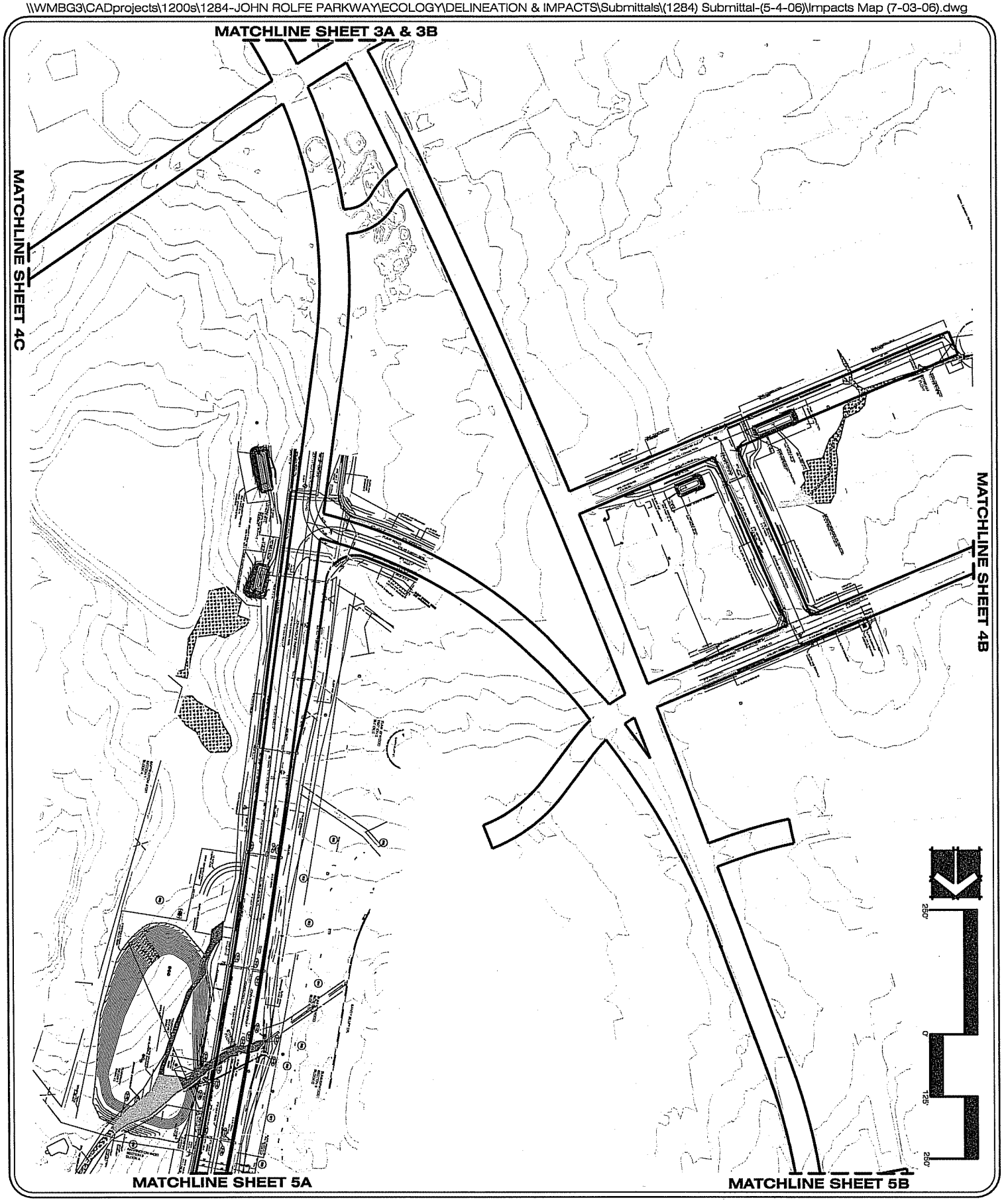

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JOB NUMBER: 1284
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SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 4A OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

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(703) 437-3006
5705 Salem Run Blvd.
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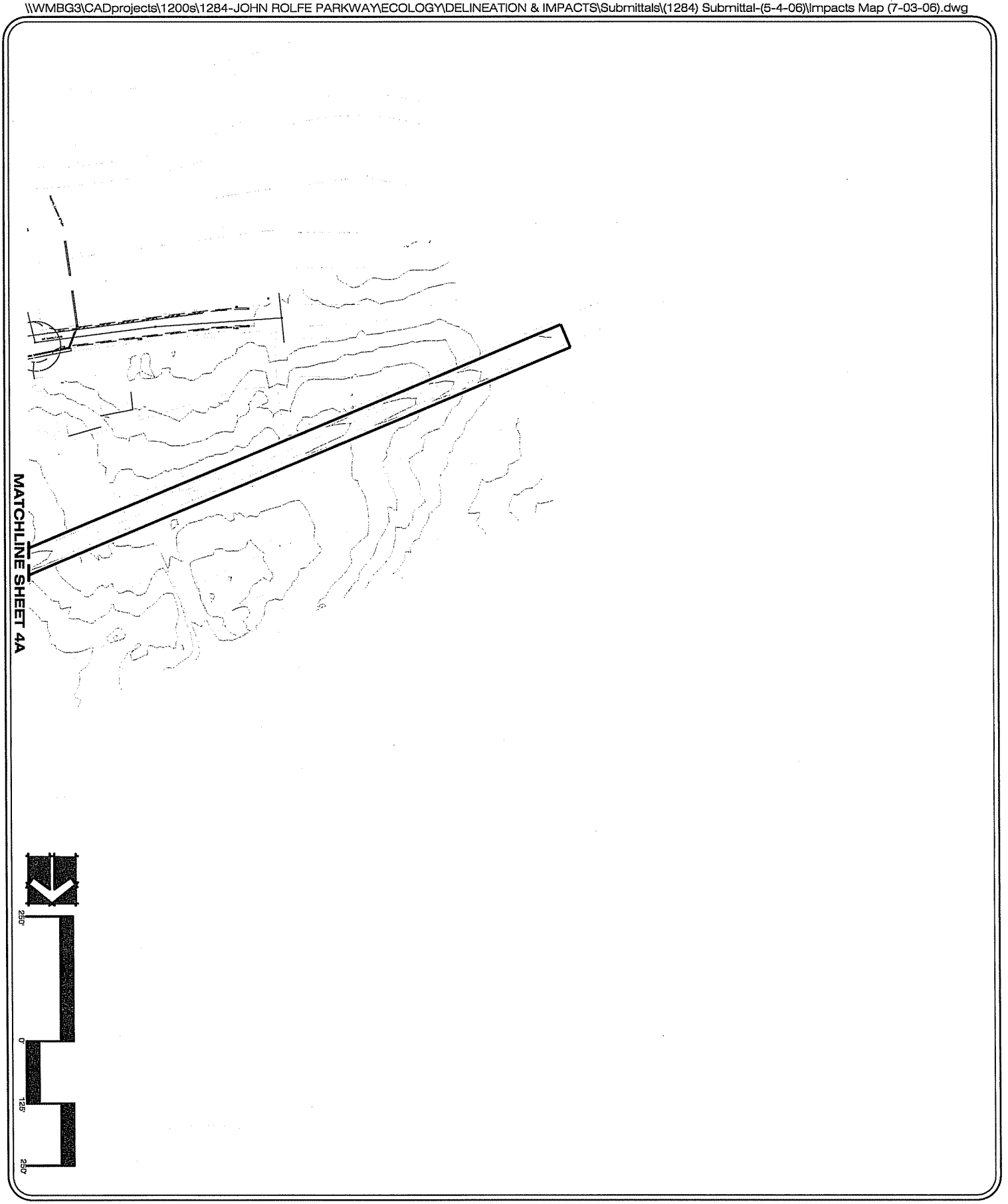

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SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 4B OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street
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(703) 437-3096
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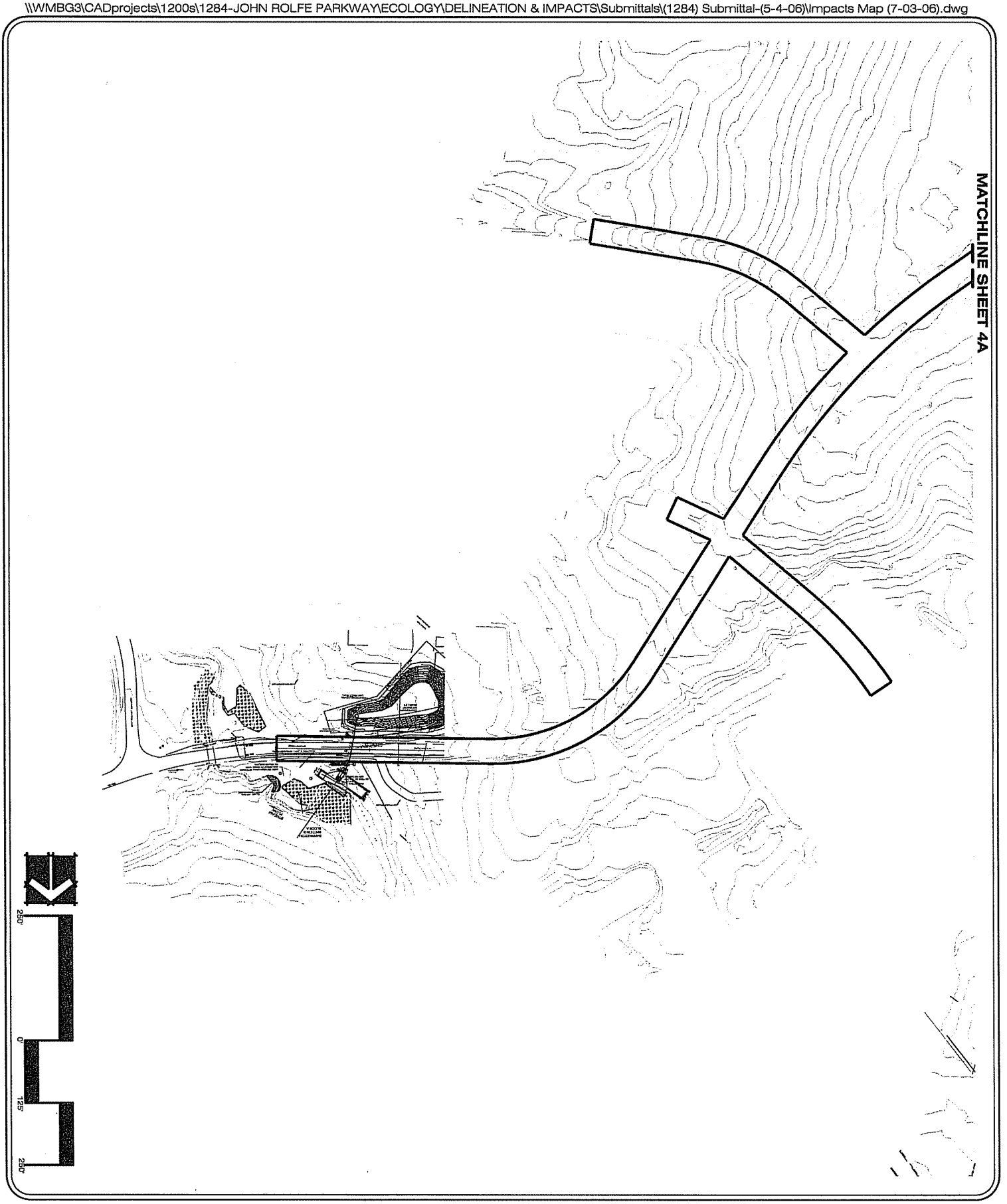

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MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 250 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 4C OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street
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Herndon, Virginia 20171
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JURISDICTIONAL AREA IMPACT MAP
SHEET 5A OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5709 Center Street
Williamsburg, Virginia 23188
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(703) 437-3066
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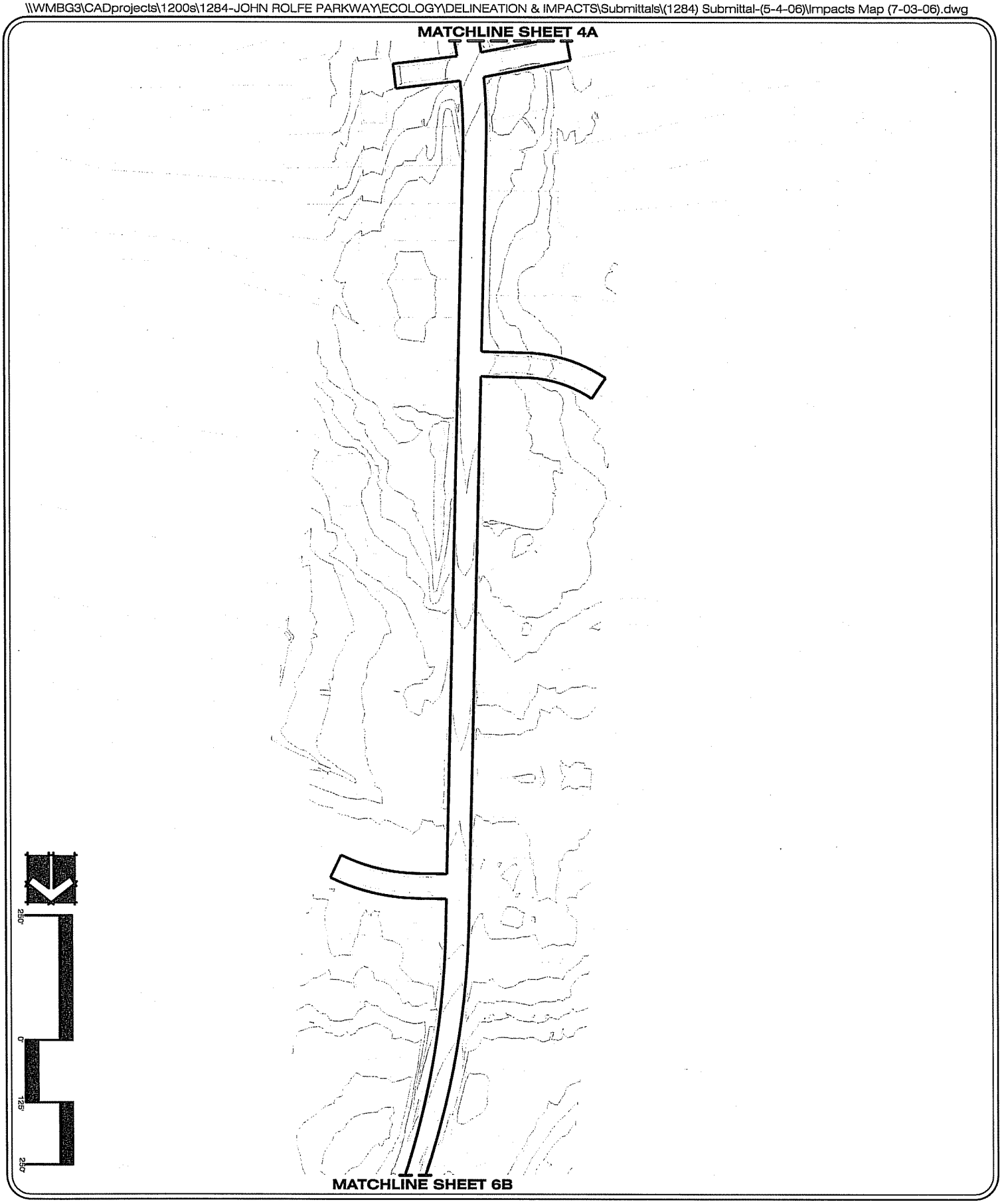

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MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 250 FEET
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JURISDICTIONAL AREA IMPACT MAP
SHEET 5B OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

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5209 Center Street
Williamsburg, Virginia 23188
(757) 220-5009
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JURISDICTIONAL AREA IMPACT MAP
SHEET 6A OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

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5209 Center Street
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Suite 150
Herndon, Virginia 20171
(703) 437-3096
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Fredericksburg, Virginia 22407
(540)785-5544
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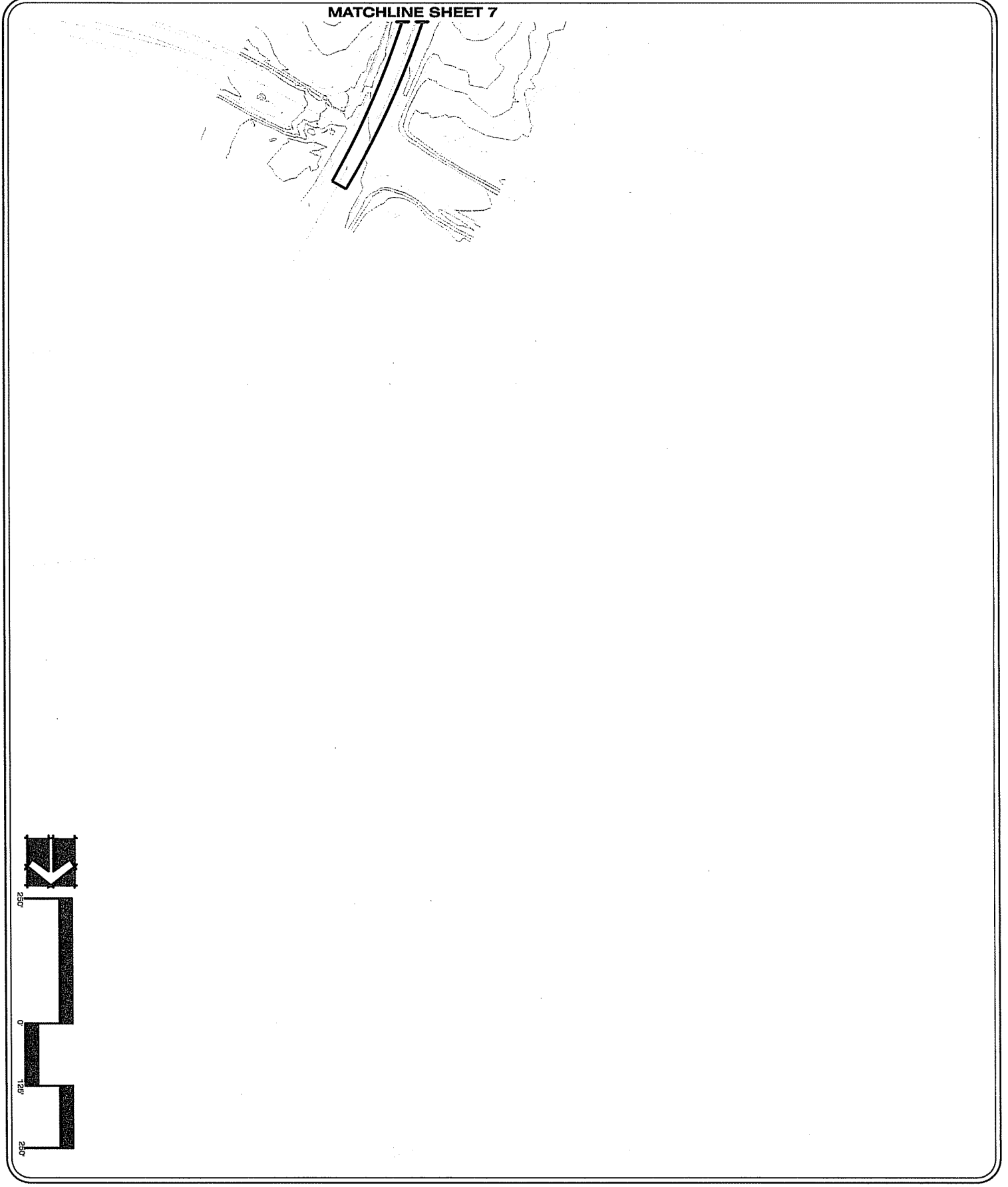

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MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 250 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 6B OF 6
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street
Williamsburg, Virginia 23188
(757) 220-5880
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(703) 437-3098
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Environmental Consultants

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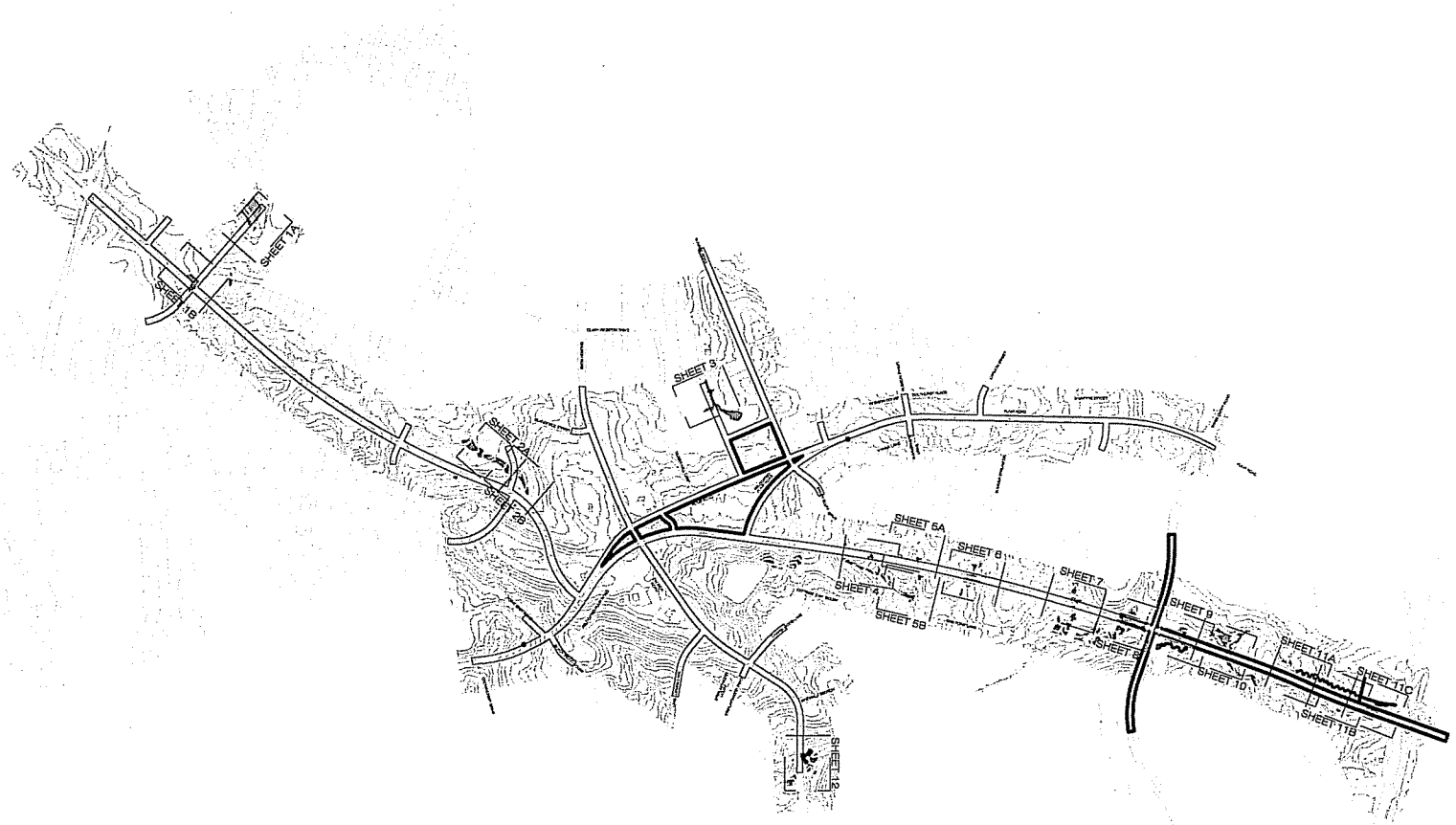

JURISDICTIONAL AREA IMPACTS:

PERMANENT

WETLANDS	72,988 S.F. (1.67 ACRES±)
STREAM CHANNELS	6,572 S.F. (0.15 ACRE±)
(EXCLUDING WETLANDS)	2,050 L.F. ±

TEMPORARY

WETLANDS	13,387 S.F. (0.32 ACRE±)
STREAM CHANNELS	1,304 S.F. (0.03 ACRE±)
(EXCLUDING WETLANDS)	548 L.F. ±

NOTE: THE LIMITS OF THE WATERS OF THE U.S., INCLUDING WETLANDS, CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS, CONFIRMATION #01-Q0012

1500' 0' 750' 1500'

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
Environmental Consultants
5309 Center Street
Williamsburg, Virginia 23188
(757) 220-0055
13001 Park Center Road
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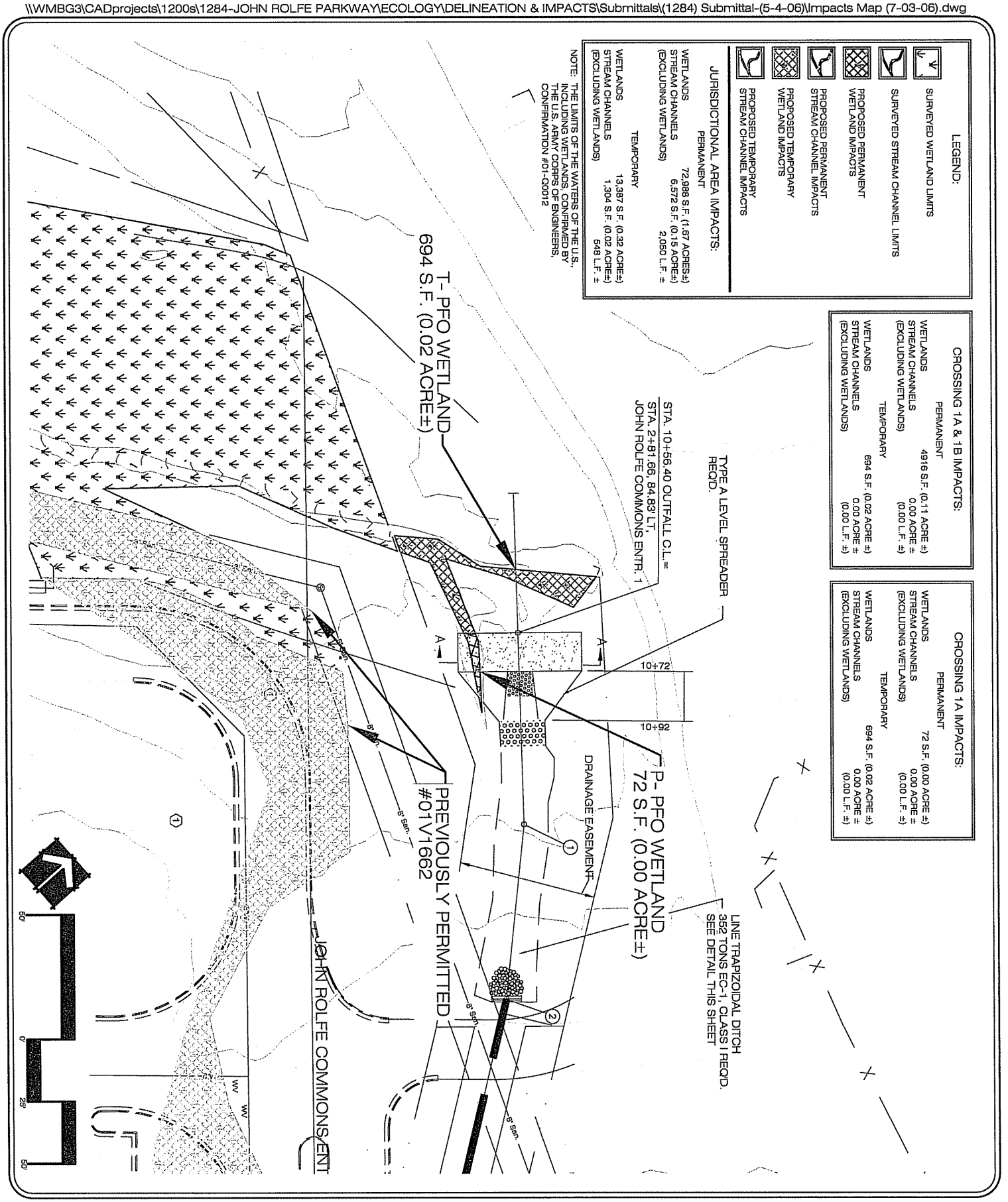
(703) 437-3088
7501 Boulders View Drive
Suite 205
Richmond, Virginia 23225
(804) 297-3474
5705 Salem Run Boulevard
Suite 105
Fredericksburg, Virginia 22407
(540)735-5544

JURISDICTIONAL AREA IMPACT MAP
SHEET INDEX
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

DATE: JUNE 7, 2005
REVISED: OCTOBER 5, 2005, MARCH 8, 2006
MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 1500 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING.

\\WMBG3\CADprojects\1200s\1284-JOHN ROLFE PARKWAY\ECOLOGY\DELINEATION & IMPACTS\Submittals\(1284) Submittal-(5-4-06)\Impacts Map (7-03-06).dwg



DATE: JUNE 7, 2005
REVISED: OCTOBER 5, 2005, MARCH 8, 2006
MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 50 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 1A OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street
Williamsburg, Virginia 23188
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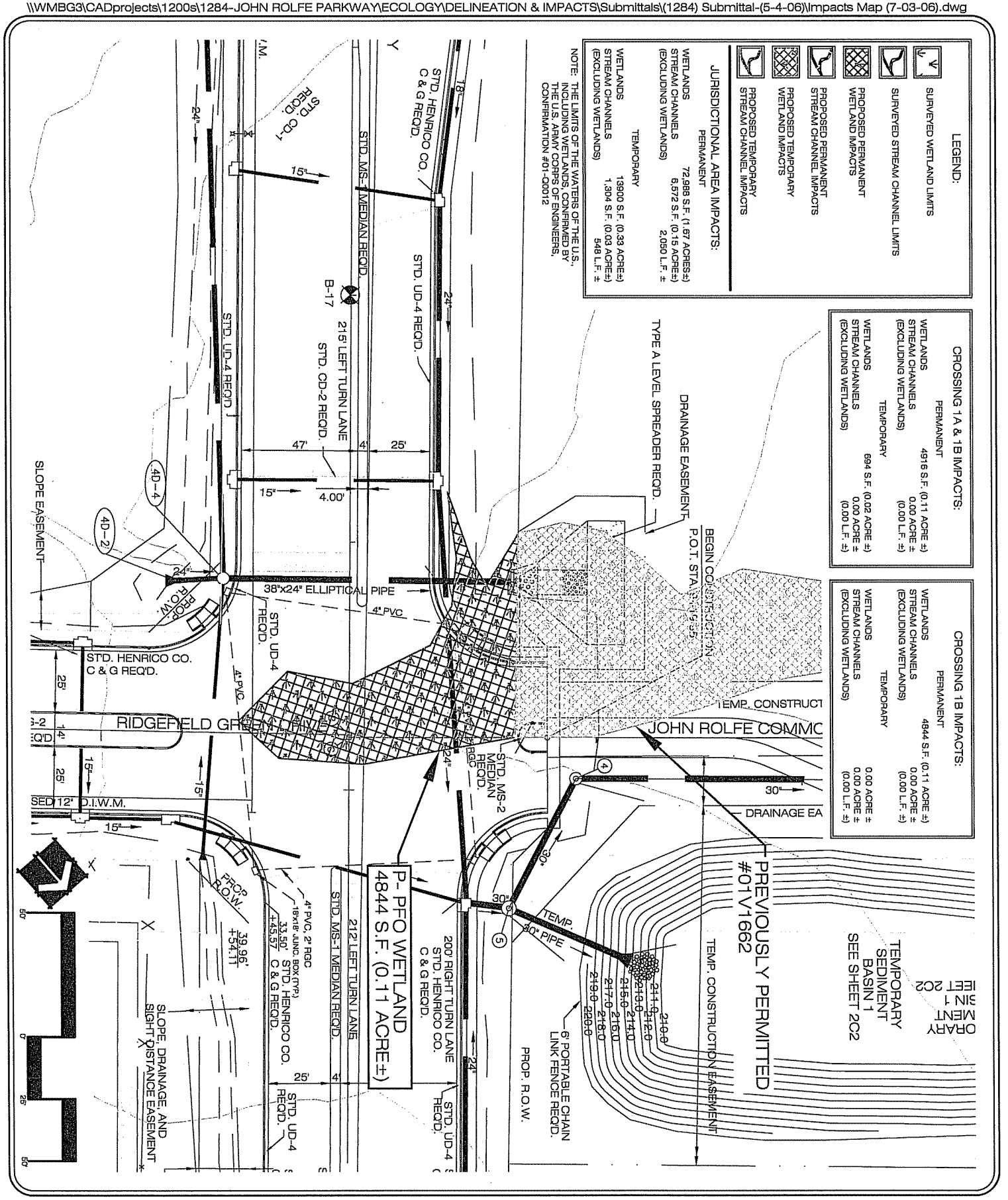

DATE: JUNE 7, 2005
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MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 50 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 1B OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street, Williamsburg, Virginia 23188, (757) 220-6869
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12921 Park Center Road, Suite 160, Herndon, Virginia 20171, (703) 437-3098
5705 Salem Run Blvd., Suite 105, Fredericksburg, Virginia 22407, (540)785-6544
Environmental Consultants

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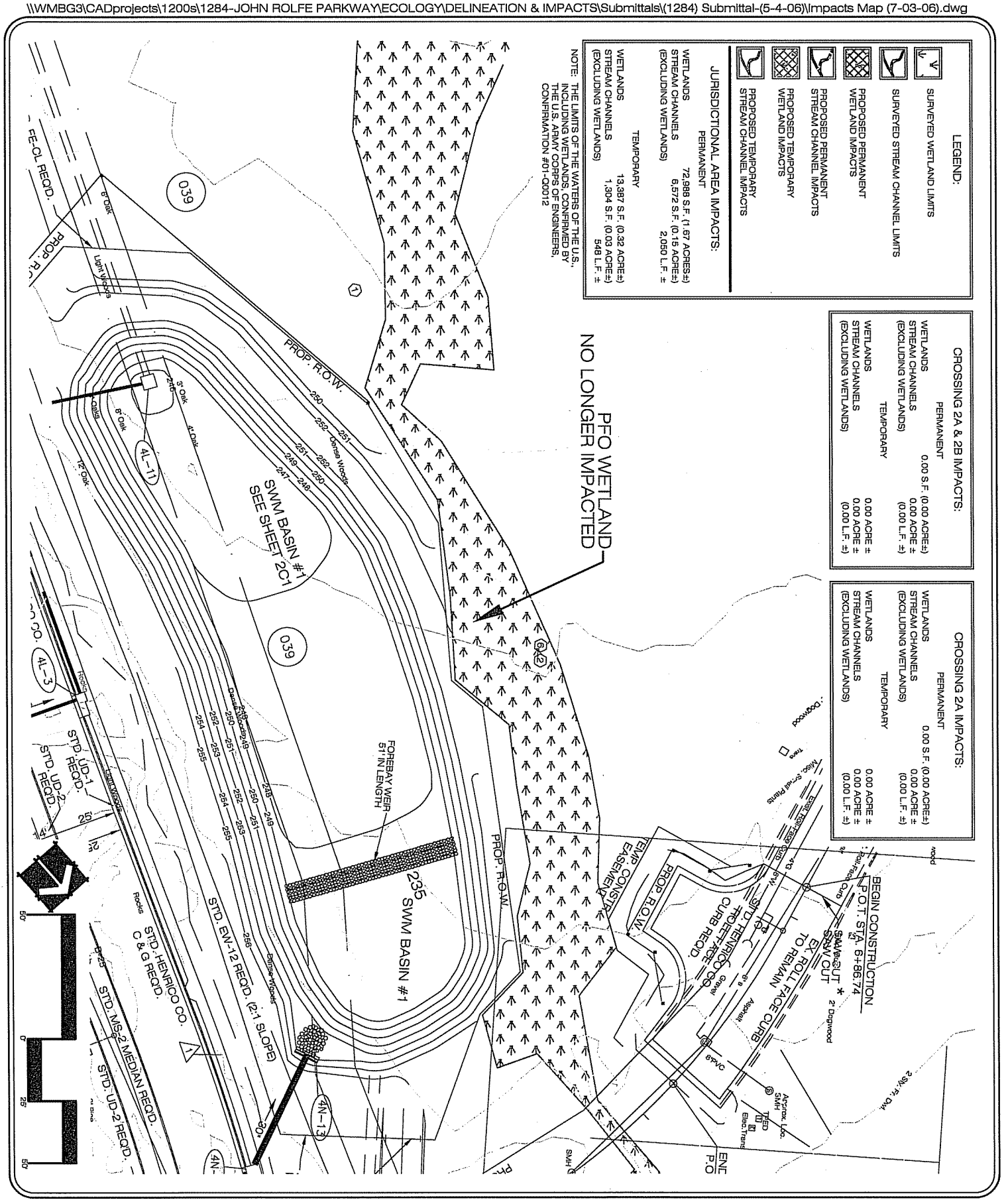

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SCALE: 1 INCH = 50 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 2A OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

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LEGEND:

- SURVEYED WETLAND LIMITS
- SURVEYED STREAM CHANNEL LIMITS
- PROPOSED PERMANENT WETLAND IMPACTS
- PROPOSED PERMANENT STREAM CHANNEL IMPACTS
- PROPOSED TEMPORARY WETLAND IMPACTS
- PROPOSED TEMPORARY STREAM CHANNEL IMPACTS

JURISDICTIONAL AREA IMPACTS:

PERMANENT	
WETLANDS	72,988 S.F. (1.67 ACRES±)
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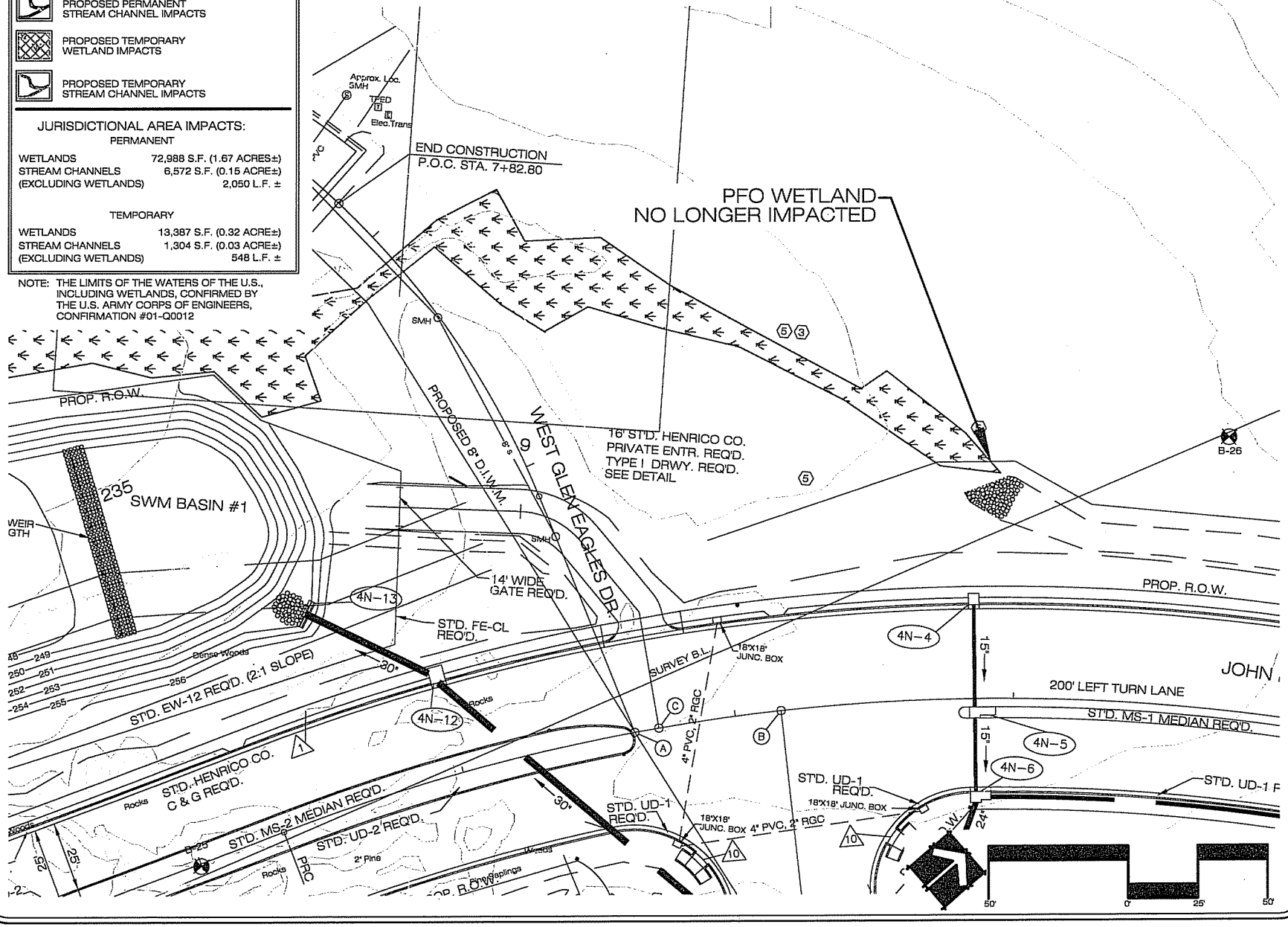
NOTE: THE LIMITS OF THE WATERS OF THE U.S., INCLUDING WETLANDS, CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS, CONFIRMATION #01-Q0012

CROSSING 2A & 2B IMPACTS:

PERMANENT	
WETLANDS	0.00 S.F. (0.00 ACRE±)
STREAM CHANNELS	0.00 ACRE ±
(EXCLUDING WETLANDS)	(0.00 L.F. ±)
TEMPORARY	
WETLANDS	0.00 ACRE ±
STREAM CHANNELS	0.00 ACRE ±
(EXCLUDING WETLANDS)	(0.00 L.F. ±)

CROSSING 2B IMPACTS:

PERMANENT	
WETLANDS	0.00 S.F. (0.00 ACRE±)
STREAM CHANNELS	0.00 ACRE ±
(EXCLUDING WETLANDS)	(0.00 L.F. ±)
TEMPORARY	
WETLANDS	0.00 ACRE ±
STREAM CHANNELS	0.00 ACRE ±
(EXCLUDING WETLANDS)	(0.00 L.F. ±)



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JURISDICTIONAL AREA IMPACT MAP
SHEET 2B OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

DATE: JUNE 7, 2005
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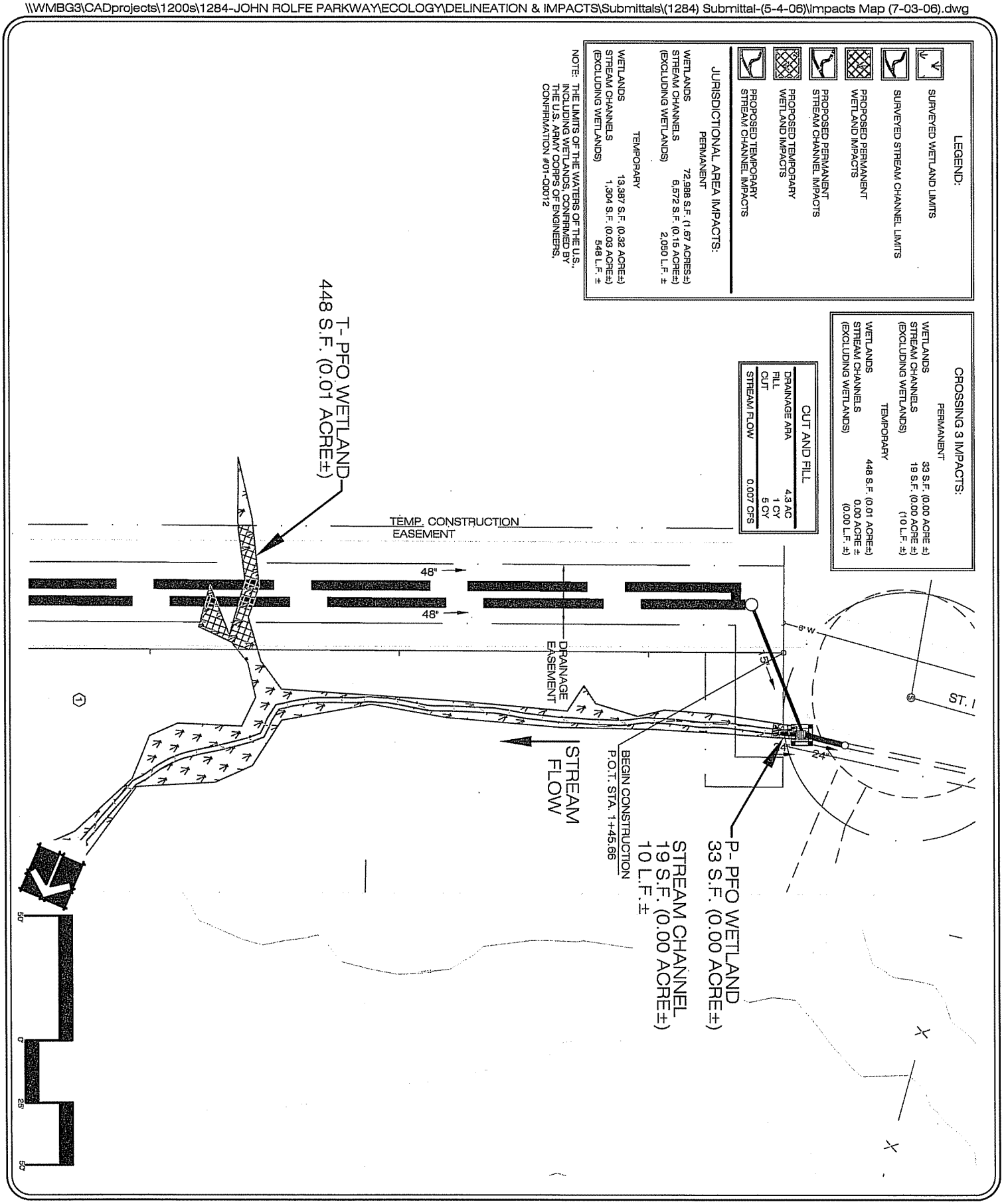
SCALE: 1 INCH = 50 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.



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SCALE: 1 INCH = 50 FEET
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JURISDICTIONAL AREA IMPACT MAP
SHEET 3 OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street, Williamsburg, Virginia 23188, (757) 220-0869
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5705 Salem Run Blvd., Suite 106, Fredericksburg, Virginia 22407, (540)785-5544
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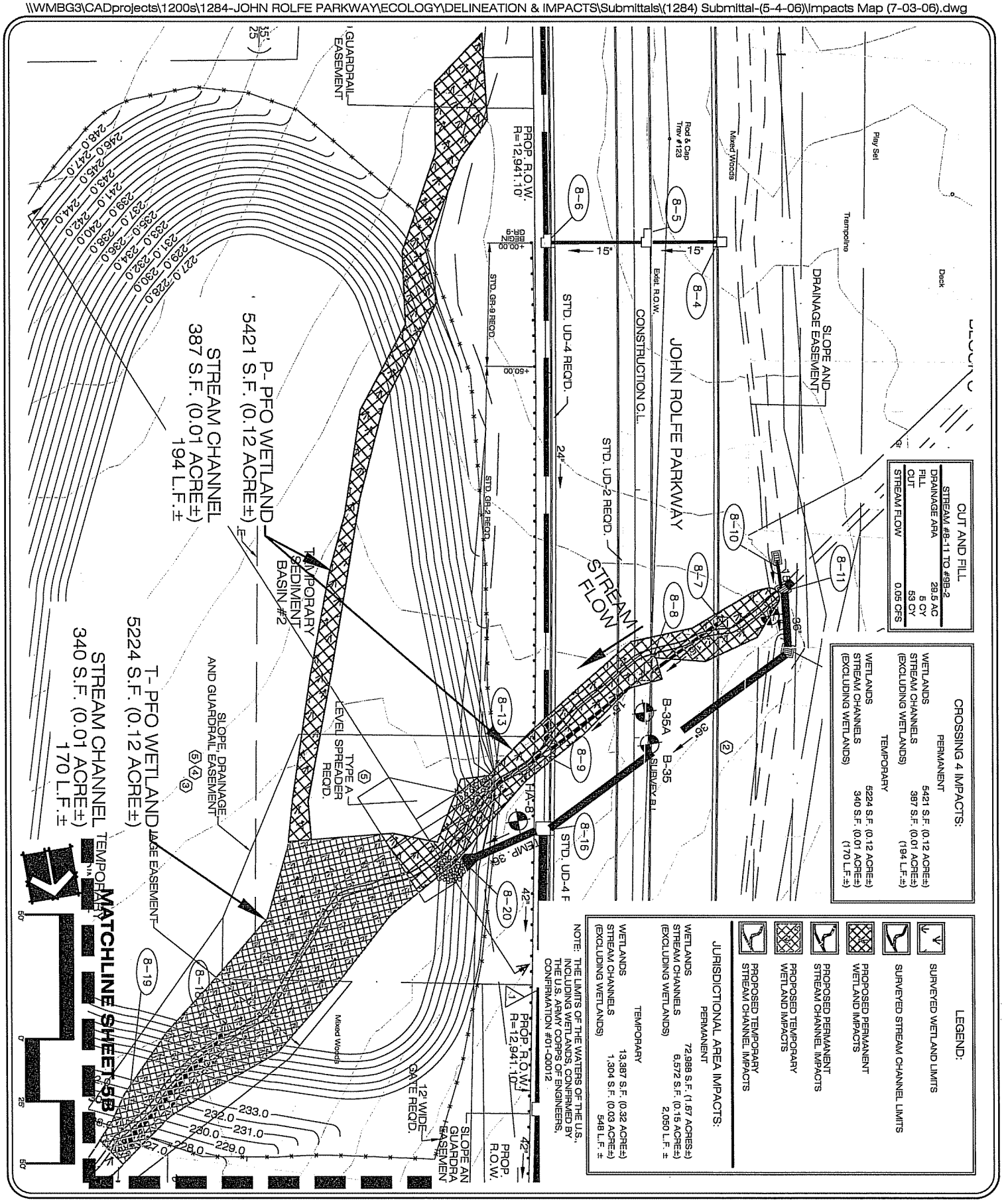

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JOB NUMBER: 1284
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SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

JURISDICTIONAL AREA IMPACT MAP
SHEET 4 OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street
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(703) 437-3058
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Fredericksburg, Virginia 22407
(540)785-6544
Environmental Consultants

\\WMBG3\CADprojects\1200s\1284-JOHN ROLFE PARKWAY\ECOLOGY\DELINEATION & IMPACTS\Submittals\(1284) Submittal-(5-4-06)\Impacts Map (7-03-06).dwg

LEGEND:

- SURVEYED WETLAND LIMITS
- SURVEYED STREAM CHANNEL LIMITS
- PROPOSED PERMANENT WETLAND IMPACTS
- PROPOSED PERMANENT STREAM CHANNEL IMPACTS
- PROPOSED TEMPORARY WETLAND IMPACTS
- PROPOSED TEMPORARY STREAM CHANNEL IMPACTS

JURISDICTIONAL AREA IMPACTS:

PERMANENT	
WETLANDS	72,988 S.F. (1.67 ACRES±)
STREAM CHANNELS	6,572 S.F. (0.15 ACRE±)
(EXCLUDING WETLANDS)	2,050 L.F. ±
TEMPORARY	
WETLANDS	13,387 S.F. (0.32 ACRE±)
STREAM CHANNELS	1,304 S.F. (0.03 ACRE±)
(EXCLUDING WETLANDS)	548 L.F. ±

NOTE: THE LIMITS OF THE WATERS OF THE U.S., INCLUDING WETLANDS, CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS, CONFIRMATION #01-Q0012

CROSSING 5A & 5B IMPACTS:

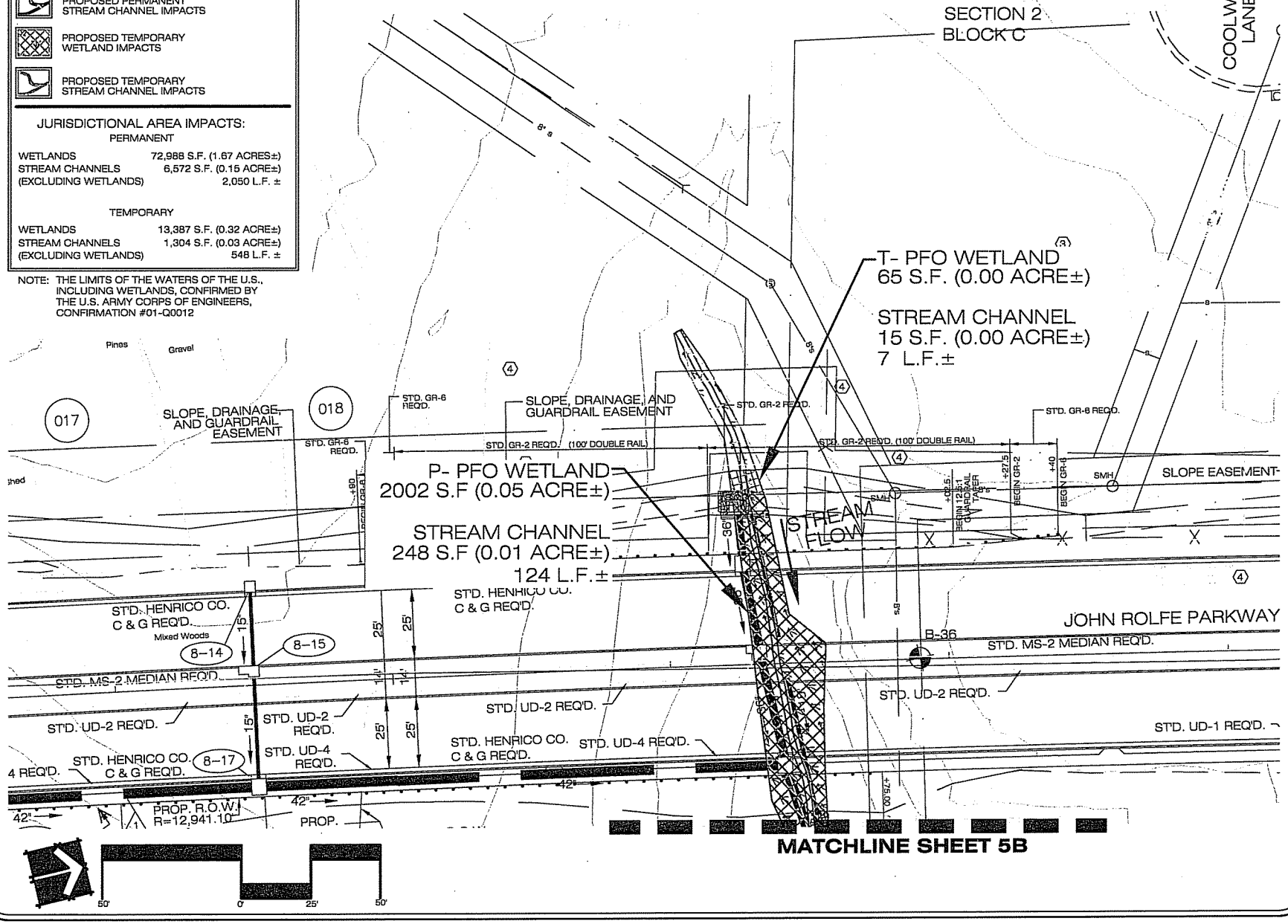
PERMANENT	
WETLANDS	2581 S.F (0.06 ACRE±)
STREAM CHANNELS	248 S.F (0.01 ACRE±)
(EXCLUDING WETLANDS)	(124 L.F.±)
TEMPORARY	
WETLANDS	2400 S.F. (0.01 ACRE±)
STREAM CHANNELS	390 S.F. (0.01 ACRE±)
(EXCLUDING WETLANDS)	(194 L.F.±)

CROSSING 5A IMPACTS:

PERMANENT	
WETLANDS	2002 S.F (0.05 ACRE±)
STREAM CHANNELS	248 S.F (0.01 ACRE±)
(EXCLUDING WETLANDS)	(124 L.F.±)
TEMPORARY	
WETLANDS	65 S.F. (0.00 ACRE±)
STREAM CHANNELS	15 S.F. (0.00 ACRE±)
(EXCLUDING WETLANDS)	(7 L.F.±)

CUT AND FILL

STREAM #9-1A TO #9B-3	
DRAINAGE ARA	17.0 AC
FILL	0 CY
CUT	376 CY
STREAM FLOW	0.03 CFS



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13021 Park Center Road, Suite 130, Herndon, Virginia 20171, (703) 437-0088
7501 Boulders View Drive, Suite 205, Richmond, Virginia 23225, (804) 297-3474
5705 Salem Run Blvd., Suite 100, Fredericksburg, Virginia 22407, (540)785-5544

JURISDICTIONAL AREA IMPACT MAP
SHEET 5A OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

DATE: JUNE 7, 2005
REVISED: OCTOBER 5, 2005, MARCH 8, 2006
MAY 15, 2006
JOB NUMBER: 1284
SCALE: 1 INCH = 50 FEET
SOURCE: BASE MAP PROVIDED BY STANTEC CONSULTING SERVICES, INC.

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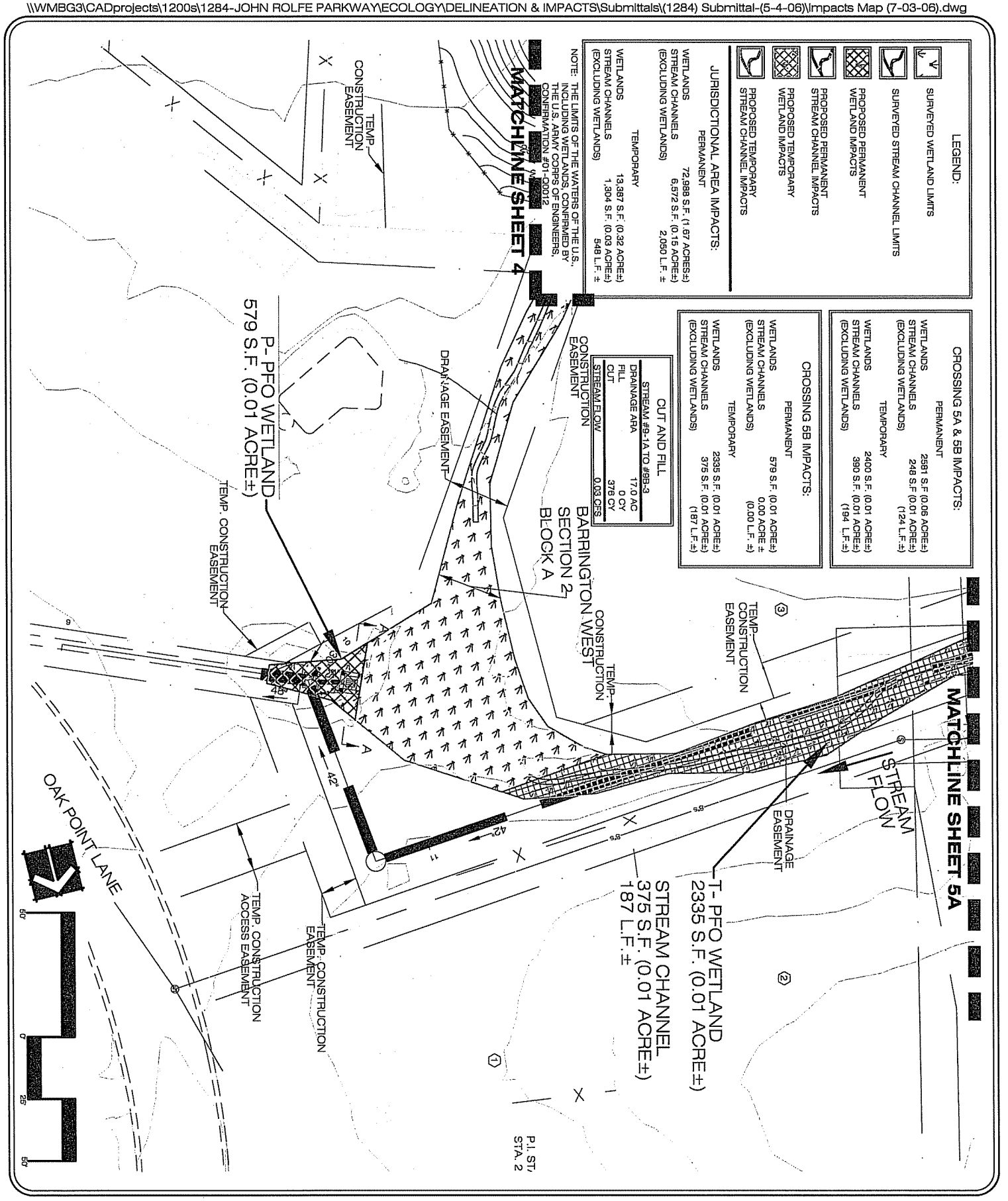

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JURISDICTIONAL AREA IMPACT MAP
SHEET 5B OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

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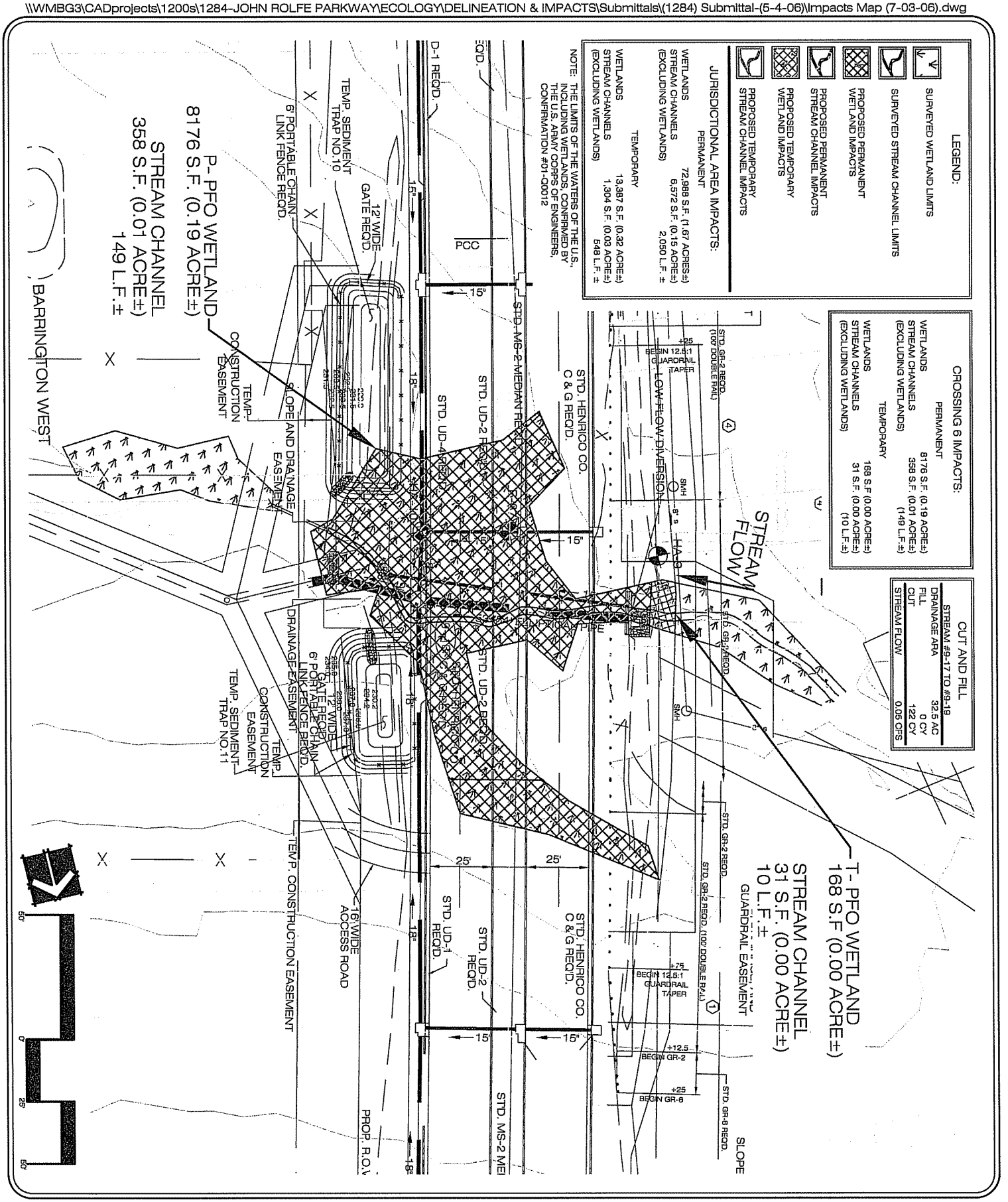

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JURISDICTIONAL AREA IMPACT MAP
SHEET 6 OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
5209 Center Street, Williamsburg, Virginia 23188, (757) 220-6569
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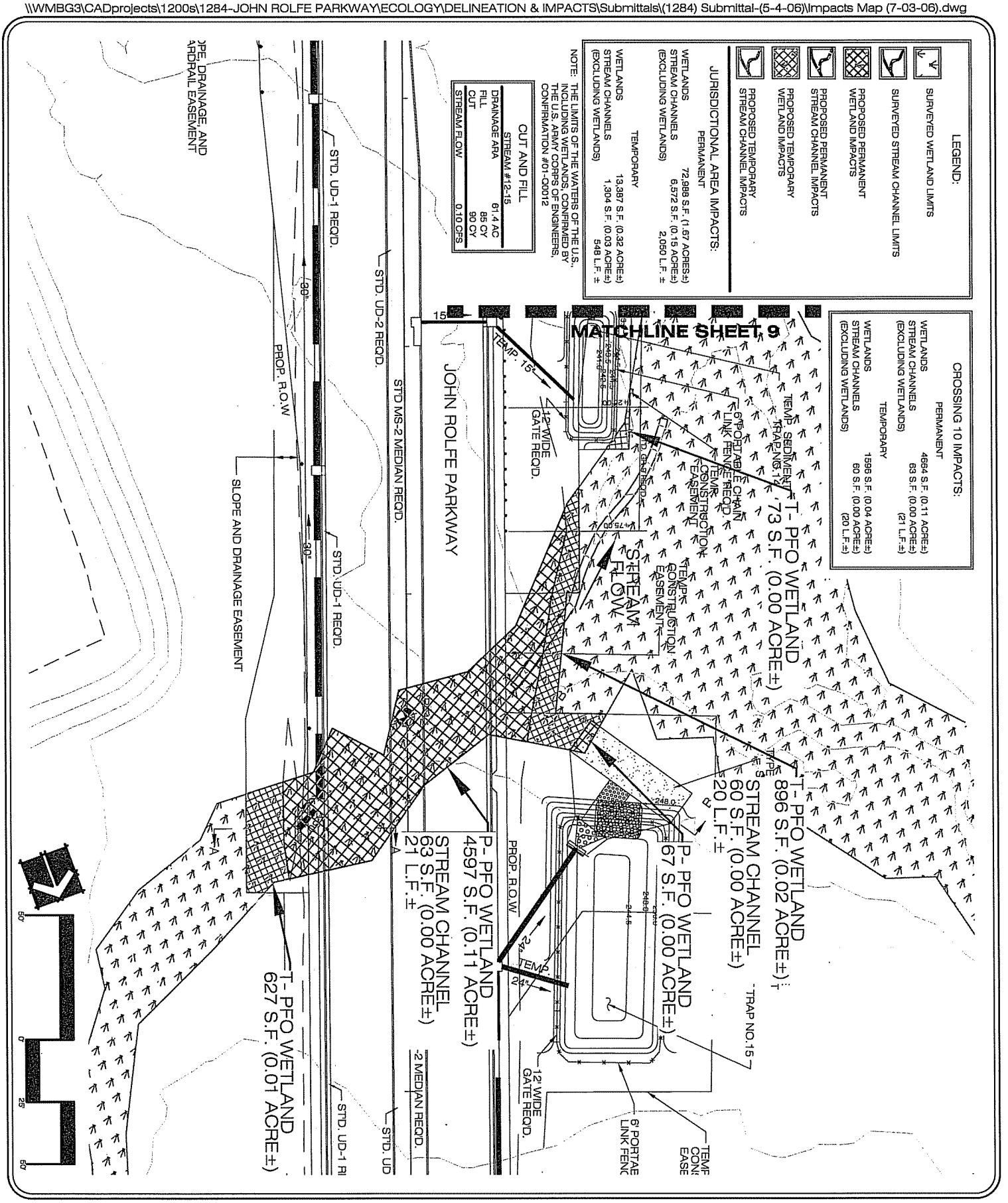

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JURISDICTIONAL AREA IMPACT MAP
SHEET 10 OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
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13021 Park Center Road, Suite 150, Herndon, Virginia 20171, (703) 437-3066
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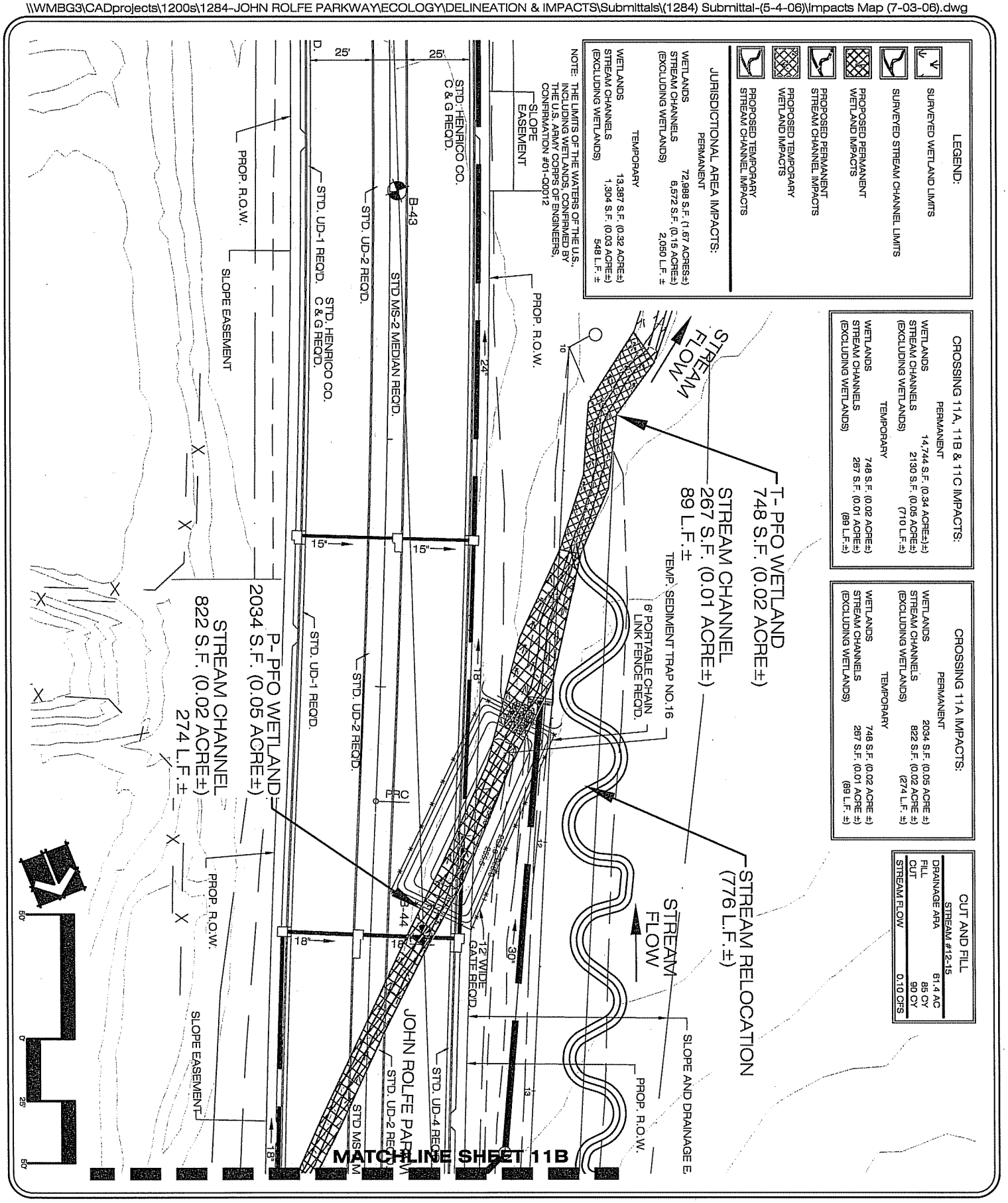
Environmental Consultants



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MAY 15, 2006
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JURISDICTIONAL AREA IMPACT MAP
SHEET 11A OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

WILLIAMSBURG ENVIRONMENTAL GROUP, INC.
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(540)785-6644
Environmental Consultants

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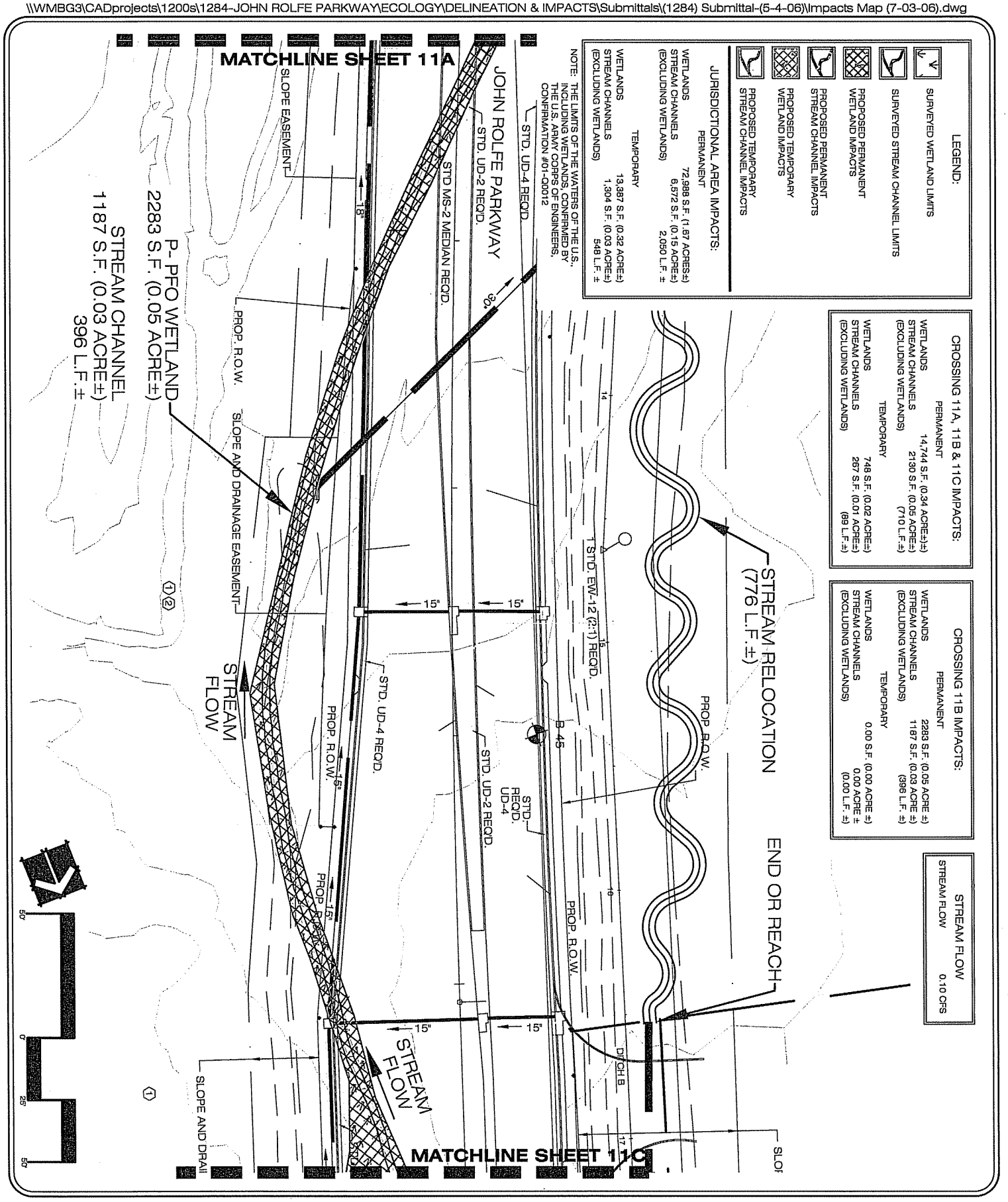

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JURISDICTIONAL AREA IMPACT MAP
SHEET 11B OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

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7501 Boulders View Drive, Suite 205, Richmond, Virginia 23225, (804) 267-3474
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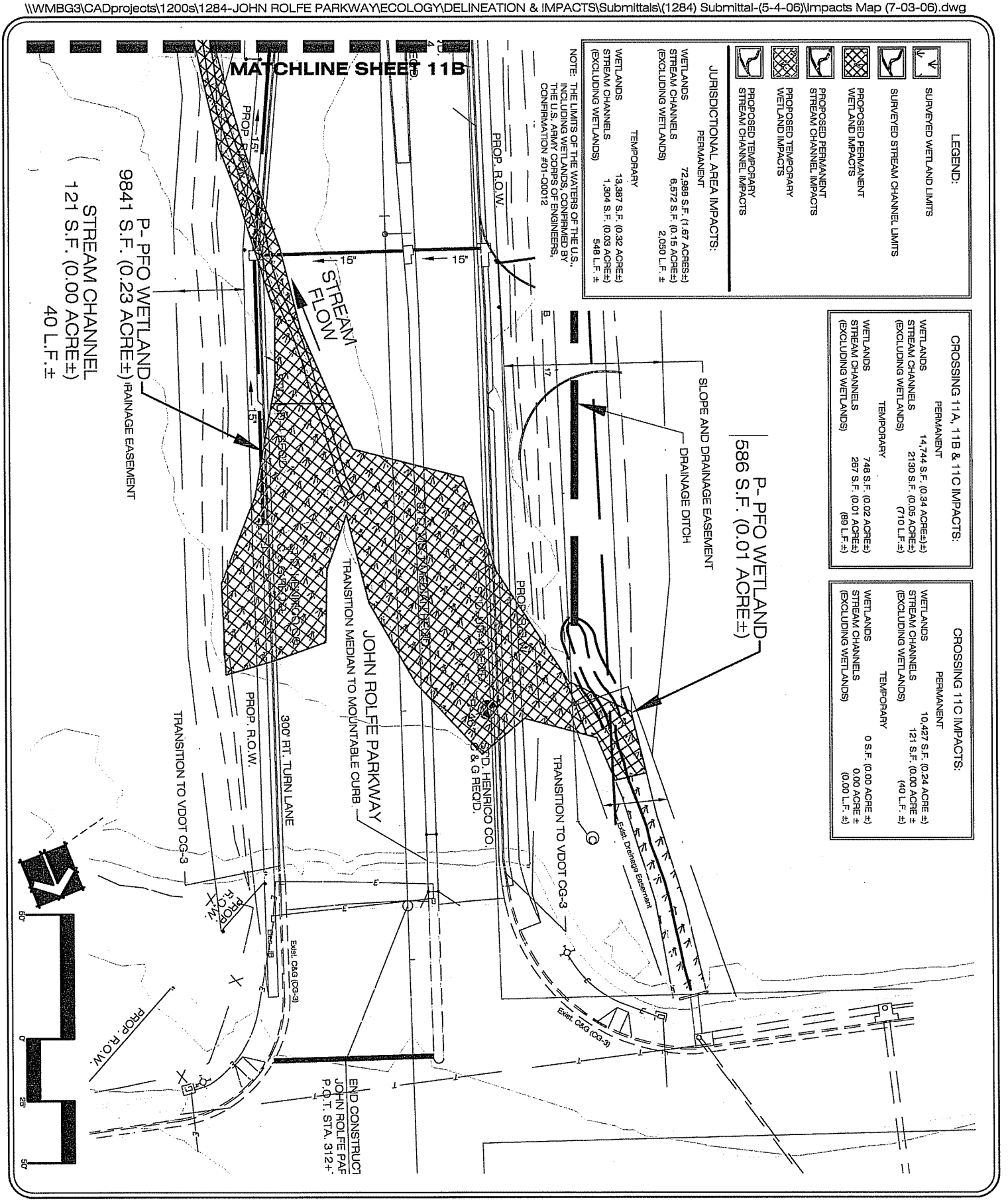

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JURISDICTIONAL AREA IMPACT MAP
SHEET 11C OF 12
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LEGEND:

- SURVEYED WETLAND LIMITS
- SURVEYED STREAM CHANNEL LIMITS
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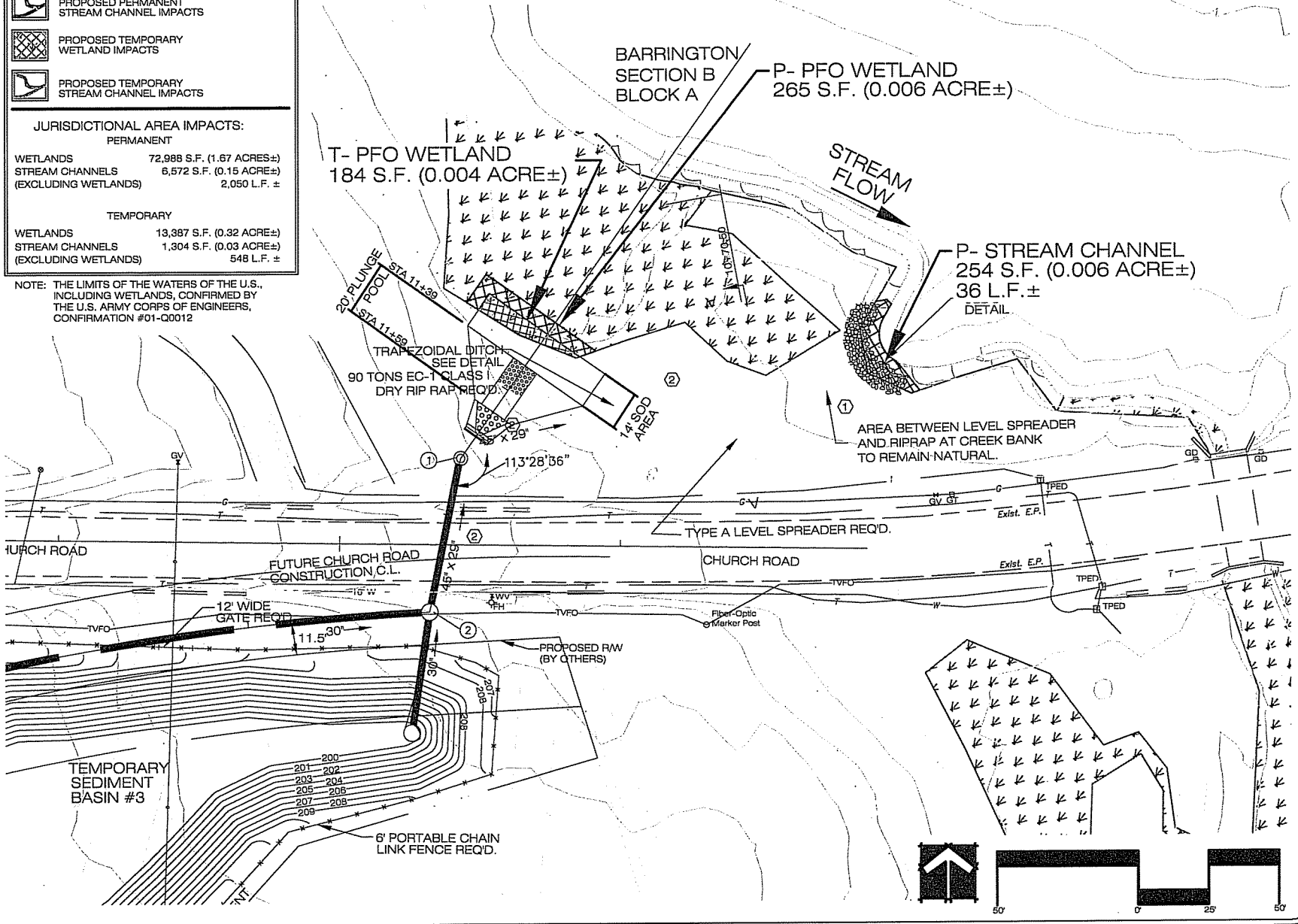
NOTE: THE LIMITS OF THE WATERS OF THE U.S., INCLUDING WETLANDS, CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS, CONFIRMATION #01-Q0012

CROSSING 12 IMPACTS:

PERMANENT	
WETLANDS	265 S.F. (0.006 ACRE±)
STREAM CHANNELS	254 S.F. (0.01 ACRE±)
(EXCLUDING WETLANDS)	(36 L.F.±)
TEMPORARY	
WETLANDS	184 S.F. (0.0004 ACRE±)
STREAM CHANNELS	0.00 ACRE ±
(EXCLUDING WETLANDS)	(0.00 L.F. ±)

CUT AND FILL

FILL	600 CY
CUT	600 CY



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JURISDICTIONAL AREA IMPACT MAP
SHEET 12 OF 12
JOHN ROLFE PARKWAY
HENRICO COUNTY, VIRGINIA

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