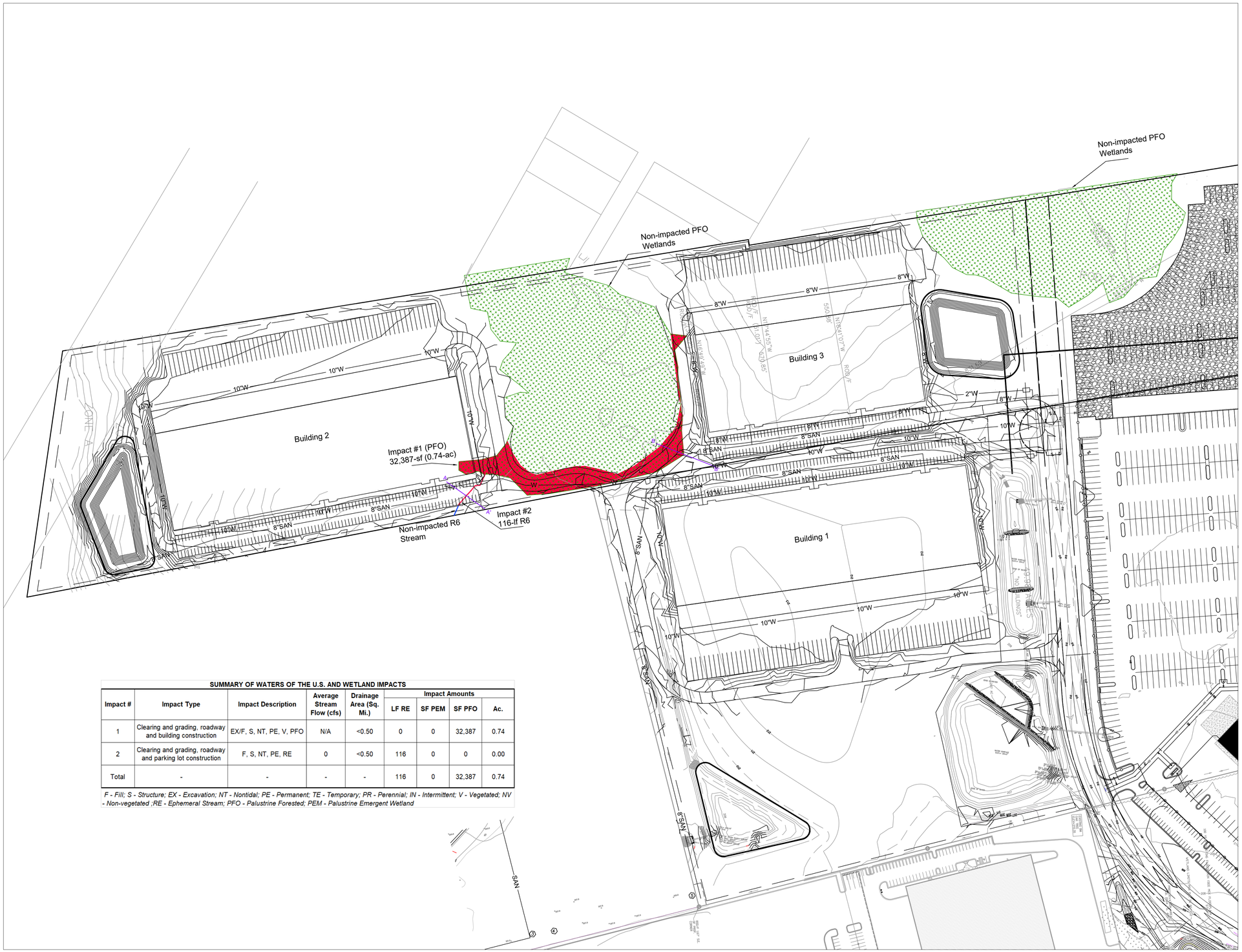

SUMMARY OF WATERS OF THE U.S. AND WETLAND IMPACTS

Impact #	Impact Type	Impact Description	Average Stream Flow (cfs)	Drainage Area (Sq. Mi.)	Impact Amounts			
					LF RE	SF PEM	SF PFO	Ac.
1	Clearing and grading, roadway and building construction	EX/F, S, NT, PE, V, PFO	N/A	<0.50	0	0	32,387	0.74
2	Clearing and grading, roadway and parking lot construction	F, S, NT, PE, RE	0	<0.50	116	0	0	0.00
Total	-	-	-	-	116	0	32,387	0.74

F - Fill; S - Structure; EX - Excavation; NT - Nontidal; PE - Permanent; TE - Temporary; PR - Perennial; IN - Intermittent; V - Vegetated; NV - Non-vegetated ;RE - Ephemeral Stream; PFO - Palustrine Forested; PEM - Palustrine Emergent Wetland

LEGEND

- EPHEMERAL STREAM CHANNEL (R6)
- PALUSTRINE FORESTED WETLANDS (PFO)
- PROPOSED PERMANENT IMPACT
- PROJECT SITE

N
W E
S

SCALE (IN FEET)
60 120
120 0

ECS - MID-ATLANTIC, LLC
14026 THUNDERBOLT PLACE
SUITE 100
CHANTILLY, VA 20151
1-800-922-3489
703-471-8400
(FAX) 703-834-5527

CELEBRATING OVER 25 YEARS OF EXCELLENCE

"SETTING THE STANDARD FOR SERVICE"

BALDWIN RICHMOND RRD HARLEY CLUB DRIVE

HANOVER COUNTY, VIRGINIA

WETLANDS & WATERS IMPACT MAP

RED ROCK DEVELOPMENTS

ECS REVISIONS

ENGINEER	DRAFTING
AMM	JMH

SCALE 1" - 120'

PROJECT NO. 47:9684-A

SHEET 1 OF 1

DATE JUNE 2020

s47:areas\data_e-projects\9600-9699\9684-A Baldwin Site Wetlands\IP Application\drafting\VA-RIC-07-Baldwin Site_jmh0623.dwg

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SCALE (IN FEET)

75 150

150 0

N W E S

PERMIT APPLICATION

BALDWIN SITE RICHMOND RRD

HANOVER COUNTY, VIRGINIA

JUNE 2020

14026 THUNDERBOLT PLACE, STE 100
CHANTILLY, VIRGINIA 20151
703-471-8400

PLAN VIEW
IMPACTS #1 & 2

WATERS OF THE U.S.

ECS PROJECT NO.
47:9684-A

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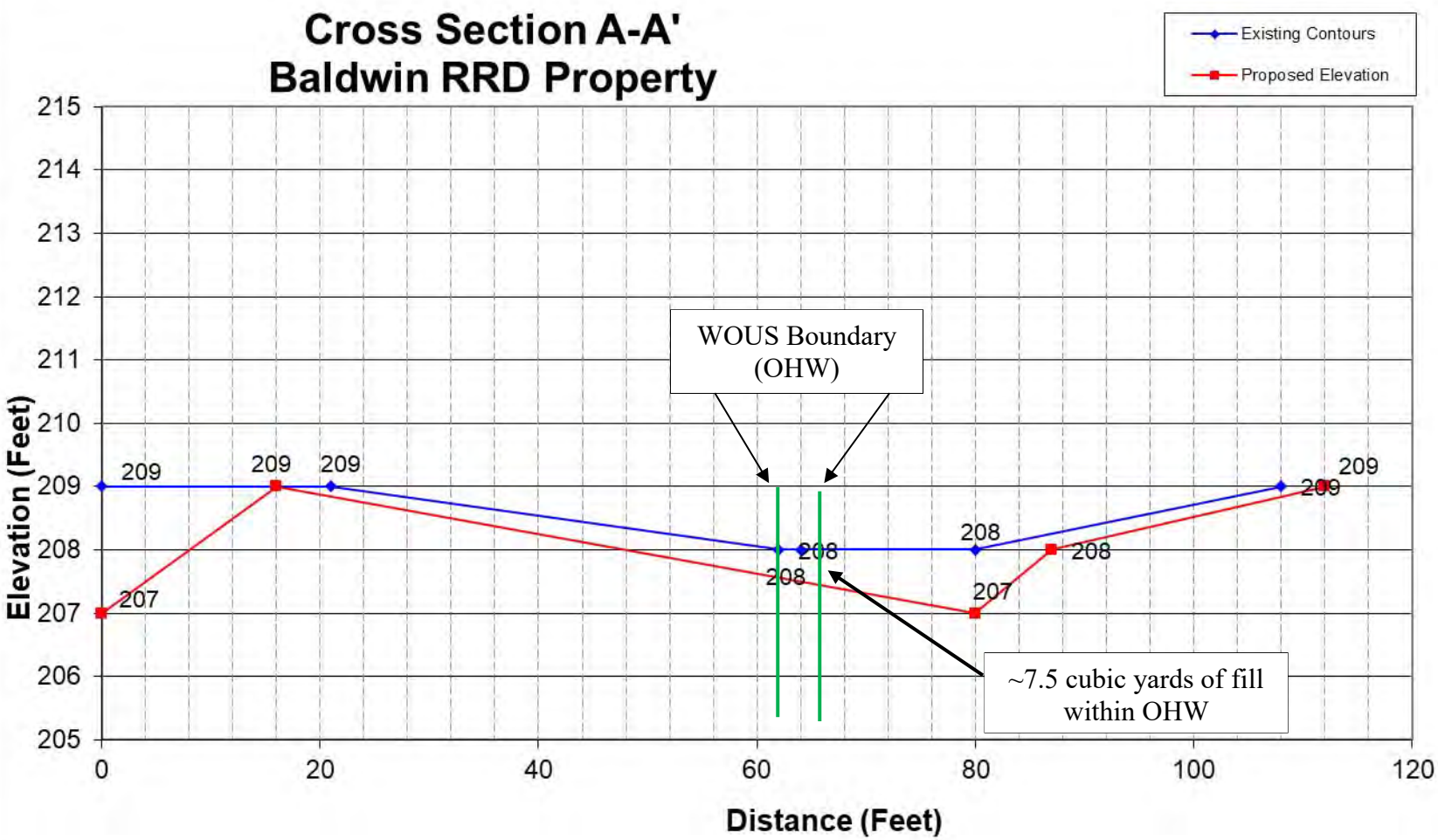

Baldwin RRD Property **Hanover County, Virginia** **June 2020**	ECS Mid-Atlantic, LLC 14026 Thunderbolt Pl., Suite 100 Chantilly, VA 20151	**Appendix VI** **Cross Section A-A'** **Waters Impact Map** **ECS Project #47:9684-A**

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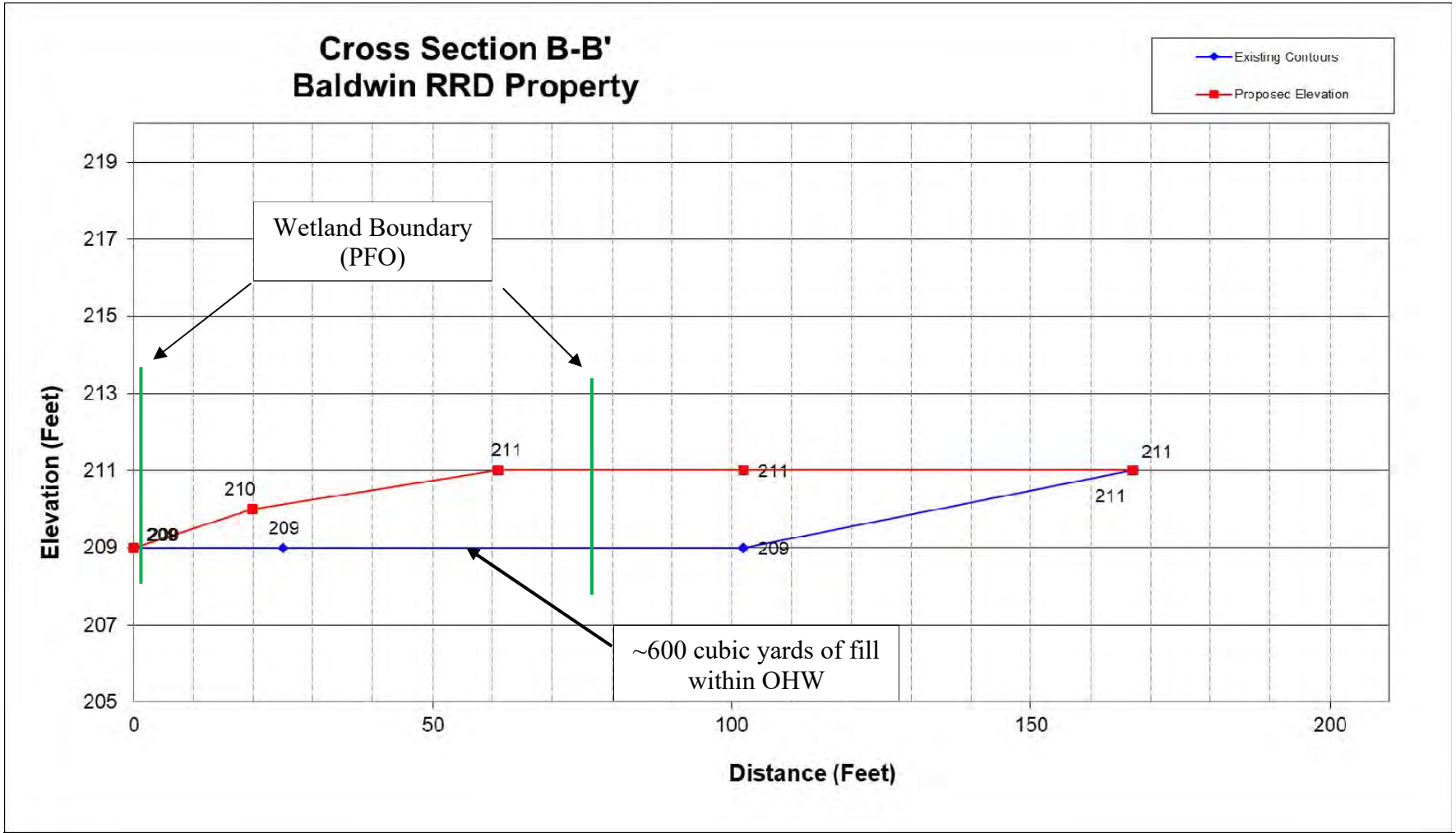

Baldwin RRD Property **Hanover County, Virginia** **June 2020**	ECS Mid-Atlantic, LLC 14026 Thunderbolt Pl., Suite 100 Chantilly, VA 20151	**Appendix VI** **Cross Section B-B'** **Waters Impact Map** **ECS Project #47:9684-A**

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