

	Impacts Table Wetland (sq.ft.) Stream (l.f.)							
	Impact	Impact						
Impact ID	Permanent	Р	Permanent					
	PFO	R3	R4	R6				
1		3,599						
2	216							
3	72							
4	3,023							
5				24				
6	499							
7	573							
8				310				
8A			333					
9	517							
10	73							
Total	4,973 sq ft	3,599 If	333 If	334 If				
Total	0.11 ac	4,266 If						

## Legend

Quarry Limits - 387 Acres

Jurisdictional Determination Limits - 155.5 Acres

Limits of Disturbance - 82.2 Acres

X Stream Impact

Wetland Impact

— Proposed Grading

Permanent Stream Impact

—— Culvert

Perennial Stream (R3)

Intermittent Stream (R4)

- Ephemeral Stream (R6)

Permanent Wetland Impact

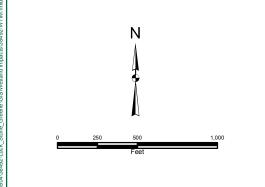
Palustrine Emergent (PEM) Wetlands

Palustrine Forested (PFO) Wetlands

Palustrine Scrub-Shrub (PSS) Wetlands

#### NOTES:

- 1. WATERS OF THE U.S. WITHIN THE PROJECT STUDY LIMITS HAVE BEEN GPS LOCATED BY TIMMONS GROUP.
- 2. WATERS OF THE U.S. HAVE BEEN CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS (6/20/17, NAO 2017-00929).
- 3. PROJECT STUDY LIMITS ARE APPROXIMATE
- 4. TOPOGRAPHY BASED ON USGS LIDAR DATA.
- 5. COWARDIN STREAM CLASSIFICATIONS ARE BASED SOLELY ON FIELD OBSERVATIONS. NO FORMAL STREAM ASSESSMENT METHODOLOGY WAS COMPLETED TO DETERMINE THESE COWARDIN CLASSIFICATIONS.



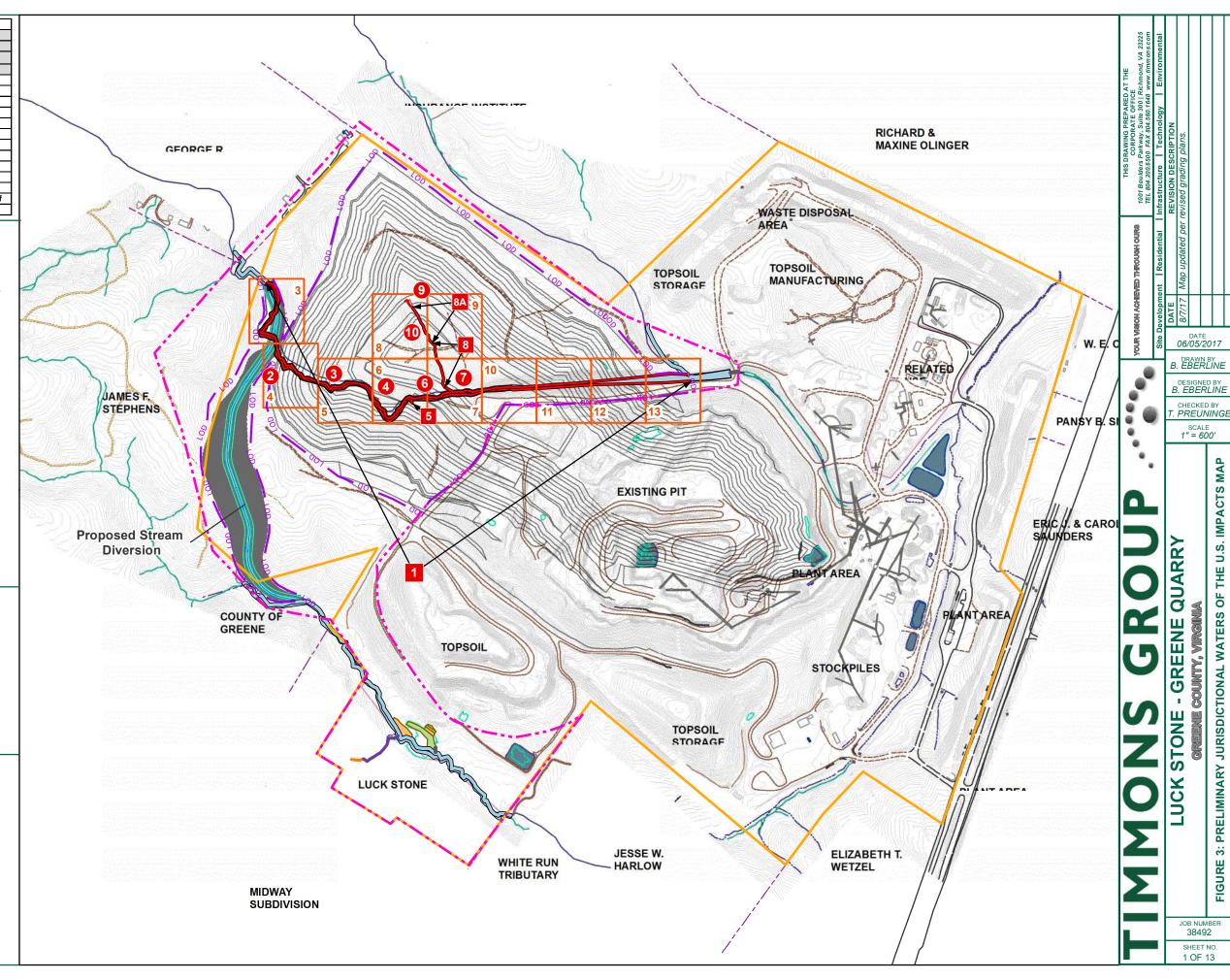


FIGURE 3: PRELIMINARY JURISDICTIONAL WATERS OF THE U.S. IMPACTS MAP

### **Legend**

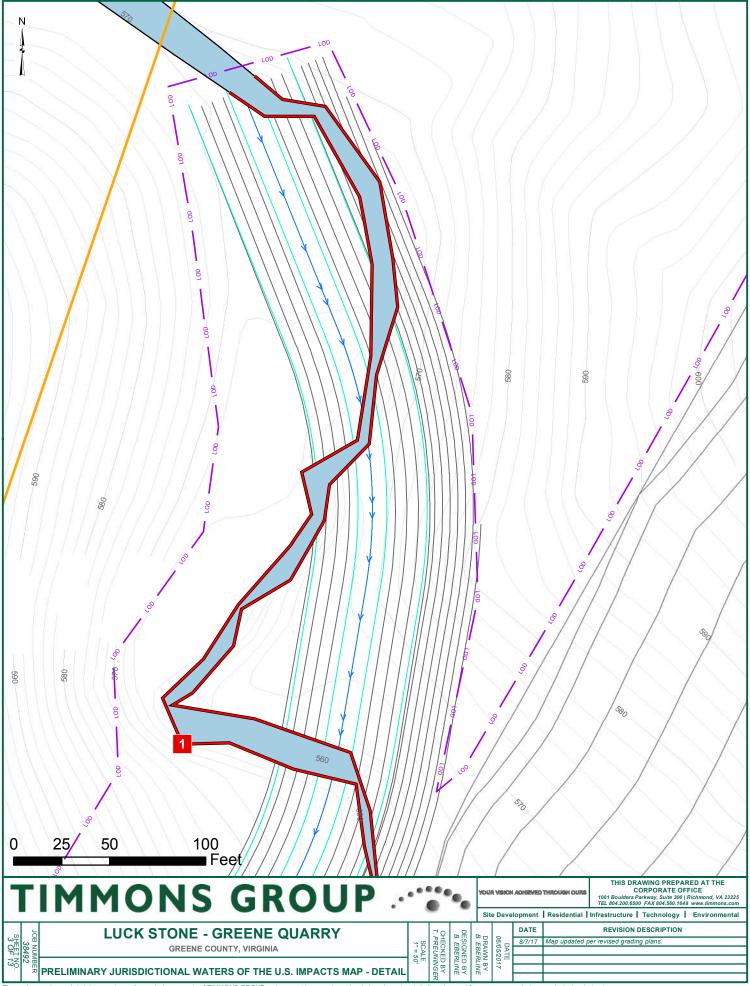
- Quarry Limits 387 Acres
- Jurisdictional Determination Limits -
- Limits of Disturbance 82.2 Acres
- X Stream Impact
- **Wetland Impact**
- --- Proposed Grading
- Permanent Stream Impact
- -Culvert
- —Perennial Stream (R3)
- Intermittent Stream (R4)
- Ephemeral Stream (R6)
- Permanent Wetland Impact
- Palustrine Emergent (PEM) Wetlands
- Palustrine Forested (PFO) Wetlands
- Palustrine Scrub-Shrub (PSS) Wetlands

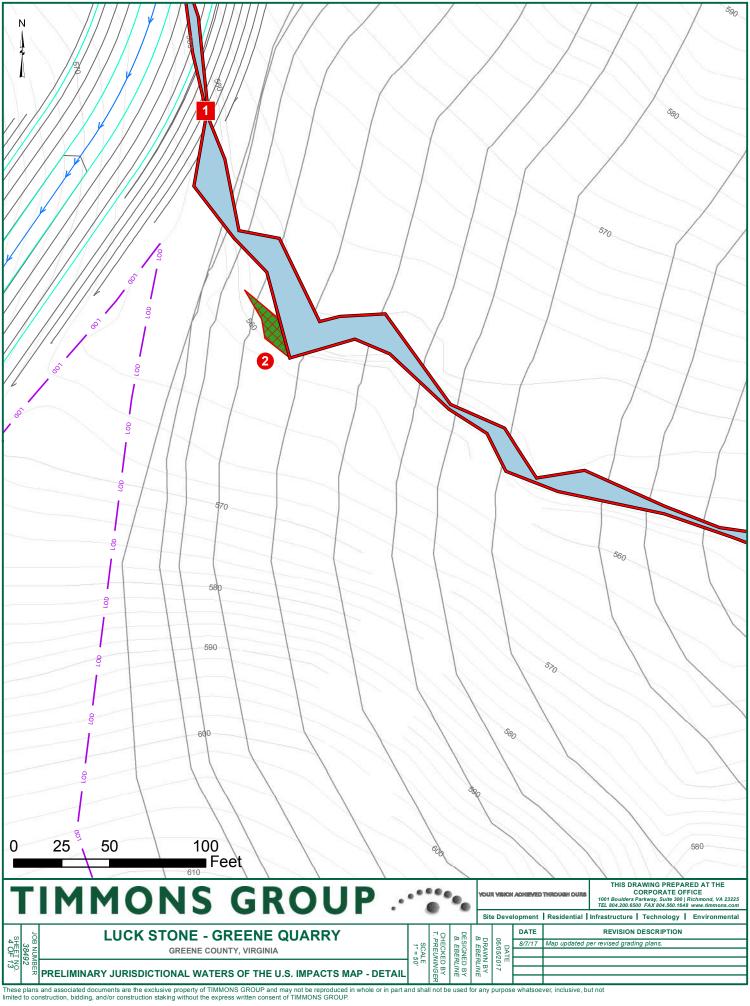
#### NOTES:

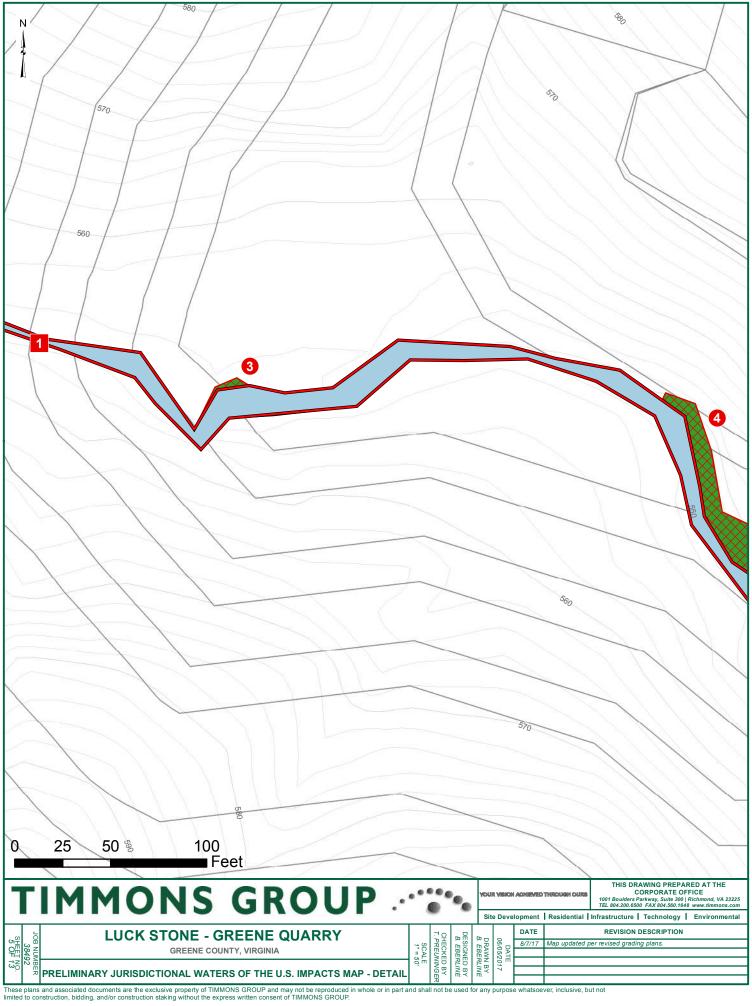
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Total	4,973 sq ft	3,599 If	333 If	334 If				
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TIMMONS GROUP					Aoni	YOUR VISION ACHIEVED THROUGH OURS			THIS DRAWING PREPARED AT THE CORPORATE OFFICE 1001 Boulders Parkway, Suite 300   Richmond, VA 23225 TEL 804.200.6500 FAX 804.560.1648 www.timmons.com	
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JOB NUMBER 38492 SHEET NO. 2 OF 13	LUCK STONE - GREENE QUARRY		7.7	~ E	Е-		DATE		REVISION DESCRIPTION	
	· · · · · · · · · · · · · · · · · · ·		界点	SIC.	9. P.	06/0	8/7/17	Map updated p	er revised grading plans.	
	GREENE COUNTY, VIRGINIA	VALE	S E	SER SI	BER	ATE 15/2017				
	PRELIMINARY JURISDICTIONAL WATERS OF THE U.S. IMPACTS MAP - NOTES		NG.	L/W	LINI					
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# 550 100 Feet THIS DRAWING PREPARED AT THE CORPORATE OFFICE Roulders Parkway, Suite 300 | Richmond, VA 23225 **IMMONS GROUP** 1001 Boulders Parkway, Suite 300 | Richmon TEL 804.200.6500 FAX 804.560.1648 www.t Site Development | Residential | Infrastructure | Technology | Environmental REVISION DESCRIPTION **LUCK STONE - GREENE QUARRY** DRAWN BY B. EBERLINE DATE 06/05/2017 8/7/17 GREENE COUNTY, VIRGINIA PRELIMINARY JURISDICTIONAL WATERS OF THE U.S. IMPACTS MAP - DETAIL These plans and associated documents are the exclusive property of TIMMONS GROUP and may not be reproduced in whole or in part and shall not be used for any purpose whatsoever, inclusive, but not limited to construction, bidding, and/or construction staking without the express written consent of TIMMONS GROUP.

