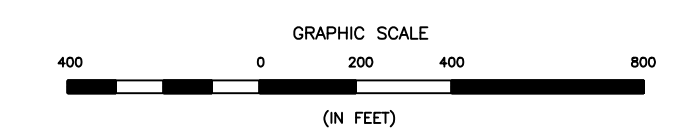


**LEGEND:**

- OVERBURDEN AREA
- PERMIT BOUNDARY
- PROPERTY LINE
- ENTRANCE AND OFFICE AREA
- PIT LIMIT
- BUFFER
- WETLANDS
- STRIPPING LIMIT
- ARCHAEOLOGICAL SITE AREAS
- ADJACENT PROPERTIES
- SW2 STORMWATER OUTFALL
- NPDES OUTFALL
- INFILTRATION TRENCH AREA
- PHASE 1 INFILTRATION TRENCH
- FINAL OVERALL INFILTRATION TRENCH
- EXISTING TRIBUTARY/APPROXIMATE CENTERLINE OF CREEK
- EXISTING CONTOUR
- PROPOSED 20' WIDE ACCESS ROAD
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- ⊗ VMW-5  
5-S  
5-D PROPOSED GROUNDWATER MONITORING WELL

ORANGEBURG BONDING AREA	
QUARRY PIT AREA (15,153 Linear Feet of Pit Limit ) (area includes Stripping Limit)	296.30 (ACRES) (includes 3.92 ac. in Entrance, Office and Shop area)
INFILTRATION TRENCH AREA	41.04 (ACRES) (includes 1.44 ac. in Entrance, Office and Shop area)
ENTRANCE, OFFICE AND SHOP AREA	15.44 (ACRES)
OVERBURDEN AREA	99.34 (ACRES)
<b>TOTAL AFFECTED AREA</b>	<b>446.76 (ACRES)</b>
TOTAL BUFFER AREA	161.59 (ACRES)
FUTURE AFFECTED AREA	84.89 (ACRES)
<b>TOTAL PERMITTED AREA</b>	<b>693.24 (ACRES)</b>

- SOURCE:**
1. BASE TOPOGRAPHY PROVIDED BY VULCAN MATERIALS COMPANY. DATE OF SURVEY: JUNE 26, 2021
  2. WETLANDS DELINEATION, PROPERTY BOUNDARY LINES AND ARCHAEOLOGICAL BOUNDARY LINES AND DETAILS SUPPLIED BY VULCAN



E			
D			
C			
B			
A	6/30/2023	FOR CLIENT REVIEW	CCN
	DATE	REVISION	BY

**TOLERANCES—UNLESS NOTED**  
 FRACTIONAL: ± 1/16"  
 DECIMAL: ± 0.010"  
 ANGLE: ± 0.1°

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**MINE LAND USE MAP WITH BONDING**

DESIGN	BY C. NEWELL	DATE 6/30/2023	PLANT	ORANGEBURG QUARRY
FILE SERVER	BY B. GREEN	DATE 6/30/2023	PRJL NO.	00.5872.00
SCALE	1" = 400'		SHEET	3 OF 8
REV.				
			<b>C03</b>	<b>A</b>

P:\Vulcan Construction Materials\963\20\_Orangeburg Quarry\00.5872.00 Mine Permit & NPDES Permit\CAD\00587200-BASE.dwg 8/10/2023 1:56 PM