

N:\Jobs\32235-00\Production\Civil\Drawings\Exhibits\ S005 Mine Plans\32235.00 MINE PLANS.dwg, 8/9/2026 10:14:29 AM, William Lockwood, pe
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SLOPE MINING METHOD

1. PROVIDE SECURE GATED ACCESS AT ENTRANCE TO MINING AREA.
2. STRIP AND STOCK PILE OVERBURDEN. EMPLOY DUST CONTROL THROUGHOUT OPERATION.
3. WITHIN THE ACTIVE MINING AREA MOVE INWARD 30 FEET FROM THE BUFFER AND EXCAVATE A RIM DITCH 8" TO 10" DEEP.
4. THE RIM DITCH WILL PROVIDE DEWATERING OF THE MINING AREA. ANY GROUND WATER PUMPED FROM THE RIM DITCH WILL BE DISCHARGED INTO THE SEDIMENT BASIN.
5. THE SEDIMENT BASIN, OUTFALL, HAUL ROADS, AND TOPSOIL BERM CAN BE RELOCATED.
6. THE AREA BETWEEN THE BUFFER AND THE RIM DITCH WILL BE MINED MAINTAINING A SLOPE OF 3H:1V. THE INWARD SIDE OF THE RIM DITCH WILL NOT BE SLOPED, IT WILL CONFORM TO THE NATURAL STABILIZING SLOPE OF THE SOIL.
7. AS THE OPERATOR PROGRESSES AROUND THE MINING AREAS, HE WILL BEGIN ROUGHING IN THE RECLAMATION SLOPE ON THE COMPLETED PORTION OF THE MINE.
8. THE ACTIVE MINE AREAS WILL BE EXCAVATED TO THE DEPTH OF THE INITIAL RIM DITCH MAINTAINING THE OUTWARD PERIMETER SLOPES 3H:1V.
9. ANOTHER RIM DITCH WILL THEN BE DUG APPROXIMATELY 30 FEET INWARD FROM THE INITIAL RIM DITCH.
10. THE MINING WILL PROGRESS UNTIL THE FINAL ELEV. - IS REACHED.

RECLAMATION NOTES

1. ALL POND BANKS TO BE 3H:1V MAXIMUM.
2. ALL POND BANKS AND DISTURBED AREAS TO BE STABILIZED
3. ALL PONDS MUST HAVE MINIMUM 4FT WATER DEPTH FOR AT LEAST 50% OF THE PONDS SURFACE AREA.
4. ACCESS ROADS REMAIN.

TOTAL AREA	264.53 AC.
PERMITTED AREA	86.1 AC.
BUFFER AREA	25.4 AC.
AFFECTED AREA	60.7 AC.

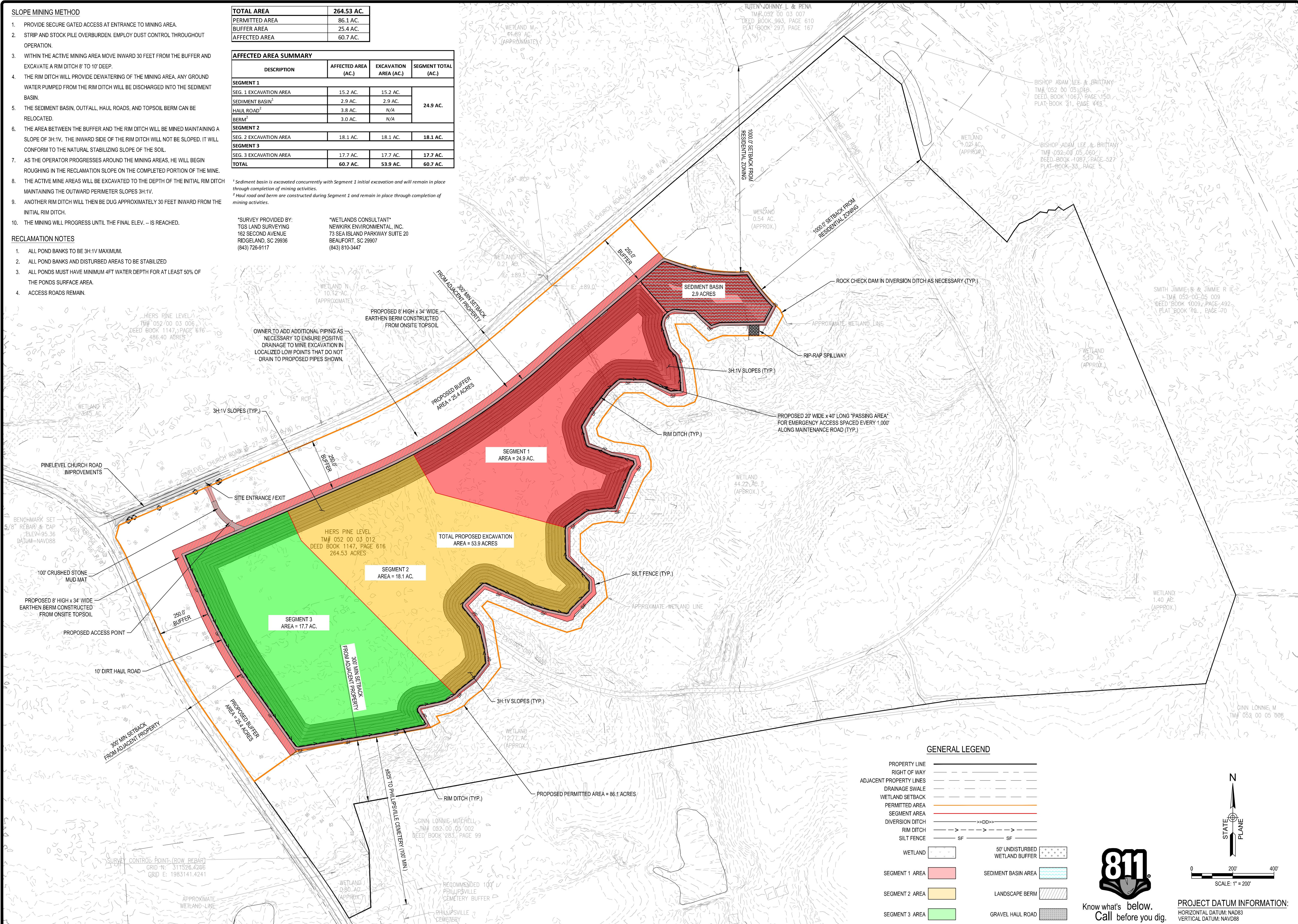
AFFECTED AREA SUMMARY

DESCRIPTION	AFFECTED AREA (AC.)	EXCAVATION AREA (AC.)	SEGMENT TOTAL (AC.)
SEGMENT 1			
SEG. 1 EXCAVATION AREA	15.2 AC.	15.2 AC.	24.9 AC.
SEDIMENT BASIN ¹	2.9 AC.	2.9 AC.	
HAUL ROAD ²	3.8 AC.	N/A	
BERM ²	3.0 AC.	N/A	
SEGMENT 2			
SEG. 2 EXCAVATION AREA	18.1 AC.	18.1 AC.	18.1 AC.
SEGMENT 3			
SEG. 3 EXCAVATION AREA	17.7 AC.	17.7 AC.	17.7 AC.
TOTAL	60.7 AC.	53.9 AC.	60.7 AC.

¹ Sediment basin is excavated concurrently with Segment 1 initial excavation and will remain in place through completion of mining activities.
² Haul road and berm are constructed during Segment 1 and remain in place through completion of mining activities.

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DAVIS & FLOYD, INC.
No. C00538
FOR AGENCY REVIEW

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OWNER: HIRS PINE LEVEL, LLC.
DRAWING TITLE: MINE MAP
PROJECT TITLE: HERITAGE ROAD, JASPER COUNTY
HERITGAE MINE

NO.	DATE	REVISION	BY	CHKD	APPD
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Know what's below.
Call before you dig.