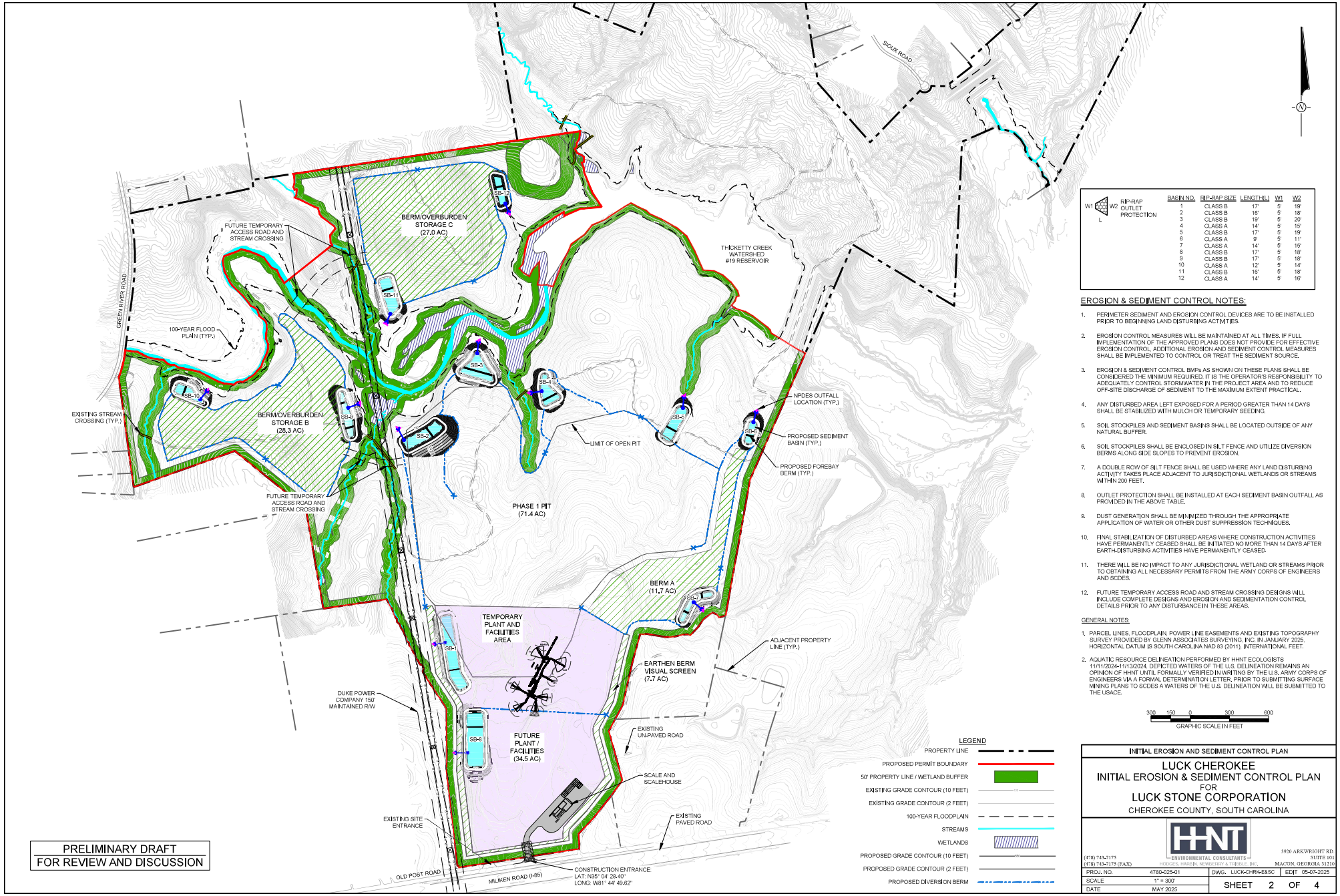

W1 W2 L RIP-RAP OUTLET PROTECTION

BASIN NO.	RIP-RAP SIZE	LENGTH(L)	W1	W2
1	CLASS B	17'	5'	19'
2	CLASS B	16'	5'	18'
3	CLASS B	19'	5'	20'
4	CLASS A	14'	5'	15'
5	CLASS B	17'	5'	19'
6	CLASS A	9'	5'	11'
7	CLASS A	14'	5'	15'
8	CLASS B	17'	5'	18'
9	CLASS B	17'	5'	18'
10	CLASS A	12'	5'	14'
11	CLASS B	16'	5'	18'
12	CLASS A	14'	5'	16'

EROSION & SEDIMENT CONTROL NOTES:

1. PERIMETER SEDIMENT AND EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.
2. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
3. EROSION & SEDIMENT CONTROL BMPs AS SHOWN ON THESE PLANS SHALL BE CONSIDERED THE MINIMUM REQUIRED. IT IS THE OPERATOR'S RESPONSIBILITY TO ADEQUATELY CONTROL STORMWATER IN THE PROJECT AREA AND TO REDUCE OFF-SITE DISCHARGE OF SEDIMENT TO THE MAXIMUM EXTENT PRACTICAL.
4. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
5. SOIL STOCKPILES AND SEDIMENT BASINS SHALL BE LOCATED OUTSIDE OF ANY NATURAL BUFFER.
6. SOIL STOCKPILES SHALL BE ENCLOSED IN SILT FENCE AND UTILIZE DIVERSION BERMS ALONG SIDE SLOPES TO PREVENT EROSION.
7. A DOUBLE ROW OF SILT FENCE SHALL BE USED WHERE ANY LAND DISTURBING ACTIVITY TAKES PLACE ADJACENT TO JURISDICTIONAL WETLANDS OR STREAMS WITHIN 200 FEET.
8. OUTLET PROTECTION SHALL BE INSTALLED AT EACH SEDIMENT BASIN OUTFALL AS PROVIDED IN THE ABOVE TABLE.
9. DUST GENERATION SHALL BE MINIMIZED THROUGH THE APPROPRIATE APPLICATION OF WATER OR OTHER DUST SUPPRESSION TECHNIQUES.
10. FINAL STABILIZATION OF DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED SHALL BE INITIATED NO MORE THAN 14 DAYS AFTER EARTH-DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED.
11. THERE WILL BE NO IMPACT TO ANY JURISDICTIONAL WETLAND OR STREAMS PRIOR TO OBTAINING ALL NECESSARY PERMITS FROM THE ARMY CORPS OF ENGINEERS AND SCDES.
12. FUTURE TEMPORARY ACCESS ROAD AND STREAM CROSSING DESIGNS WILL INCLUDE COMPLETE DESIGNS AND EROSION AND SEDIMENTATION CONTROL DETAILS PRIOR TO ANY DISTURBANCE IN THESE AREAS.

GENERAL NOTES:

1. PARCEL LINES, FLOODPLAIN, POWER LINE EASEMENTS AND EXISTING TOPOGRAPHY SURVEY PROVIDED BY GLENN ASSOCIATES SURVEYING, INC. IN JANUARY 2025. HORIZONTAL DATUM IS SOUTH CAROLINA NAD 83 (2011). INTERNATIONAL FEET.
2. AQUATIC RESOURCE DELINEATION PERFORMED BY HHNT ECOLOGISTS 11/11/2024-11/13/2024. DEPICTED WATERS OF THE U.S. DELINEATION REMAINS AN OPINION OF HHNT UNTIL FORMALLY VERIFIED IN WRITING BY THE U.S. ARMY CORPS OF ENGINEERS VIA A FORMAL DETERMINATION LETTER. PRIOR TO SUBMITTING SURFACE MINING PLANS TO SCDES A WATERS OF THE U.S. DELINEATION WILL BE SUBMITTED TO THE USACE.

300 150 0 300 600
GRAPHIC SCALE IN FEET

LEGEND
- PROPERTY LINE
- PROPOSED PERMIT BOUNDARY
- 50' PROPERTY LINE / WETLAND BUFFER
- EXISTING GRADE CONTOUR (10 FEET)
- EXISTING GRADE CONTOUR (2 FEET)
- 100-YEAR FLOODPLAIN
- STREAMS
- WETLANDS
- PROPOSED GRADE CONTOUR (10 FEET)
- PROPOSED GRADE CONTOUR (2 FEET)
- PROPOSED DIVERSION BERM

PRELIMINARY DRAFT
FOR REVIEW AND DISCUSSION

INITIAL EROSION AND SEDIMENT CONTROL PLAN

LUCK CHEROKEE
INITIAL EROSION & SEDIMENT CONTROL PLAN
FOR
LUCK STONE CORPORATION
CHEROKEE COUNTY, SOUTH CAROLINA

HHNT ENVIRONMENTAL CONSULTANTS
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PROJ. NO.	4780-025-01	DWG.	LUCK-CHRK-ESC	EDIT	05-07-2025
SCALE	1" = 300'	SHEET	2 OF 4		
DATE	MAY 2025				