NOTES:
1. ALL CLEARING DEBRIS SHALL BE DISPOSED OF BY BURYING, WINDROWING, AND/OR PILING AND BURNING.
2. WATER IN PITS SHALL BE TESTED AND TREATED, IF REQUIRED, TO ENSURE COMPLIANCE WITH WATER QUALITY STANDARDS.
3. HIGHWALLS SHALL BE BACKFILLED TO THE SLOPES AS SHOWN ON SHEETS 3-7 OF THE DRAWINGS.
4. GROUNDWATER SHALL FLOW TO PROPER DRAINAGE AND ENSURE ALL DEPRESSIONS THAT WILL HOLD WATER OR SLOW THE FLOW OF GROUNDWATER.
5. UTILITY POLES AT AREA 1 WILL BE REMOVED PRIOR TO CONSTRUCTION AND REPLACED AFTER GRADE WORK HAS BEEN COMPLETED.
6. STREAM ENTRANCES AT AREA 1 WILL BE COVERED WITH EROSION CONTROL MATTING.
7. UTILITY POLES AT AREA 2 WILL BE INSTALLED AT THE TOE OF THE HIGHWALL AND ANY OTHER PLACES AS NEEDED FOR EROSION CONTROL.
8. ROCK-LINED CHANNELS SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN. ADDITIONAL ROCK-LINED CHANNELS MAY BE REQUIRED.
9. ROCK-LINED CHANNELS SHALL BE DEPOSITED WITH A MIXTURE OF CLEAN CLASS-A AND CLASS-B LIMESTONE.
10. ADDITIONAL ROCK-LINED CHANNELS SHALL BE CONSTRUCTED FOR ANY SEEPAGES THAT DEVELOP.
11. ALL LIMESTONE IN UNDER DRAINS SHALL BE HIGH CALCIUM LIMESTONE.
12. STREAM CHANNEL AT AREA 2 WILL BE CONSTRUCTED AS SHOWN IN THE DRAWINGS.
13. DITCHLINE OF ROAD BELOW AREA 2 WILL BE SHAPED TO ALLOW EASY FLOW OF RUNOFF.
14. ALL DISTURBED AREAS SHALL BE REVEGETATED IN ACCORDANCE TO THE SPECIFICATIONS IN SECTION 801.0.
15. TREE AND SHRUB SEEDLINGS SHALL BE PLANTED WITHIN 24' OF STREAM AT AREA 2.
16. ALL DISTURBED AREAS SHALL BE REVEGETATED IN ACCORDANCE TO THE SPECIFICATIONS IN SECTION 801.0.
17. TREE AND SHRUB SEEDLINGS SHALL BE PLANTED WITHIN 24' OF STREAM AT AREA 2.
BOWATER ROAD
BROCK HOLLOW ROAD

ESTIMATED QUANTITIES

AREA
CUT
FILL

AREA 1
3.2 ACRES
17,000 YD
13,000 YD

AREA 2
46.6 ACRES
450,000 YD
452,000 YD
49.8 ACRES
467,000 YD
465,000 YD

ESTIMATED VOLUME
PIT #1
985,000 gal

PIT #2
1,360,000 gal

PIT #3
1,050,000 gal

PIT #4
5,410,000 gal

PIT #5
580,000 gal

PIT #6
277,000 gal

ROCK-LINED CHANNEL
LENGTH

ROCK-LINED CHANNEL #1
380'
325 TONS

ROCK-LINED CHANNEL #2
310'
265 TONS

ROCK-LINED CHANNEL #3
330'
282 TONS

ROCK-LINED CHANNEL #4
330'
282 TONS

ROCK-LINED CHANNEL #5
560'
479 TONS

ROCK-LINED CHANNEL #6
470'
402 TONS

ROCK-LINED CHANNEL #7
340'
291 TONS

ROCK-LINED CHANNEL #8
250'
214 TONS

STREAM CHANNEL
450'
95 TONS

ANOXIC LIMESTONE DRAIN
LENGTH

ANOXIC LIMESTONE DRAIN #1
760'
395 TONS

NOTES:
1. ALL CLEARING DEBRIS SHALL BE DISPOSED OF BY BURYING, WINDROWING, AND/or PILING AND BURNING.
2. WATER IN PITS SHALL BE TESTED AND TREATED, IF REQUIRED, TO ENSURE COMPLIANCE WITH WATER QUALITY STANDARDS.
3. HIGHWALLS SHALL BE BACKFILLED TO THE SLOPES AS SHOWN ON SHEETS 2-7 OF THE DRAWINGS.
4. SEEDING SHALL PROVIDE POSITIVE DRAINAGE AND ELIMINATE ALL DEPRESSIONS THAT WILL HOLD WATER.
5. HIGHWALLS AT AREAS 1-4 SHALL BE 20 FEET HIGHER THAN THE CURRENT SLOPES TO IMPROVE DRAINAGE.
6. HIGHWALLS AT AREAS 1-4 MAY BE CLEANED OF TOPO HIGHWALLS TO BETTER IMPROVE THE SLOPES AND IMPROVE DRAINAGE.
7. TERRACES SHALL BE CONSTRUCTED TO BREAK DRAINAGE ON MODIFIED SLOPES AT AREAS 2 AND 3.
8. HIGHWALLS AT AREAS 1-4 SHALL NOT BE BROKEN DURING GRADING.
9. UTILITY POLES AT AREA 1 SHALL BE REMOVED PRIOR TO CONSTRUCTION AND RE-PLACED AFTER GRADE WORK HAS BEEN COMPLETED.
10. TERRACE GRADE SHALL NOT EXCEED 2%.
11. UTILITY POLES AT AREA 2 WILL BE REMOVED PRIOR TO CONSTRUCTION AND REPLACED AFTER GRADE WORK HAS BEEN COMPLETED.
12. ROCK-LINED CHANNELS SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN. ADDITIONAL ROCK-LINED CHANNELS MAY BE REQUIRED.
13. ROCK-LINED CHANNELS SHALL BE A MIXTURE OF CLEAN CLASS-A AND CLASS-B LIMESTONE.
14. ANOXIC LIMESTONE DRAINS SHALL BE CONSTRUCTED FOR ANY SEEPS THAT DEVELOP.
15. ALL LIMESTONE IN UNDER DRAINS SHALL BE HIGH CALCIUM LIMESTONE.
16. STREAM CHANNEL AT AREA 2 WILL BE CONSTRUCTED AS SHOWN.
17. DITCHLINE OF ROAD BELOW AREA 2 WILL BE SHAPED TO ALLOW EASY FLOW OF RUNOFF.
18. ALL DISTURBED AREAS SHALL BE REVEGETATED IN ACCORDANCE TO THE SPECIFICATIONS IN SECTION 801.
19. TREE AND SHRUB SEEDLINGS SHALL BE PLANTED WITHIN 24' OF STREAM AT AREA 2.

BROCK HOLLOW RECLAMATION PROJECT
FINAL VIEW
ROCK-LINED CHANNEL SECTION

TYPICAL TERRACE SECTION

SIDE VIEW

TOP VIEW

STRAW WATTLE DETAIL

ROCK CHECK DETAIL

SIDE VIEW

TOP VIEW

PLAN VIEW

SECTION A-A

SECTION B-B

ANOXIC LIMESTONE DRAIN DETAIL

STREAM CHANNEL DETAIL

BROCK HOLLOW

DETAILS

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION

BROCK HOLLOW RECLAMATION PROJECT

WATER & SEDIMENT CONTROL STRUCTURES

SCALE - NOT TO SCALE