TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION

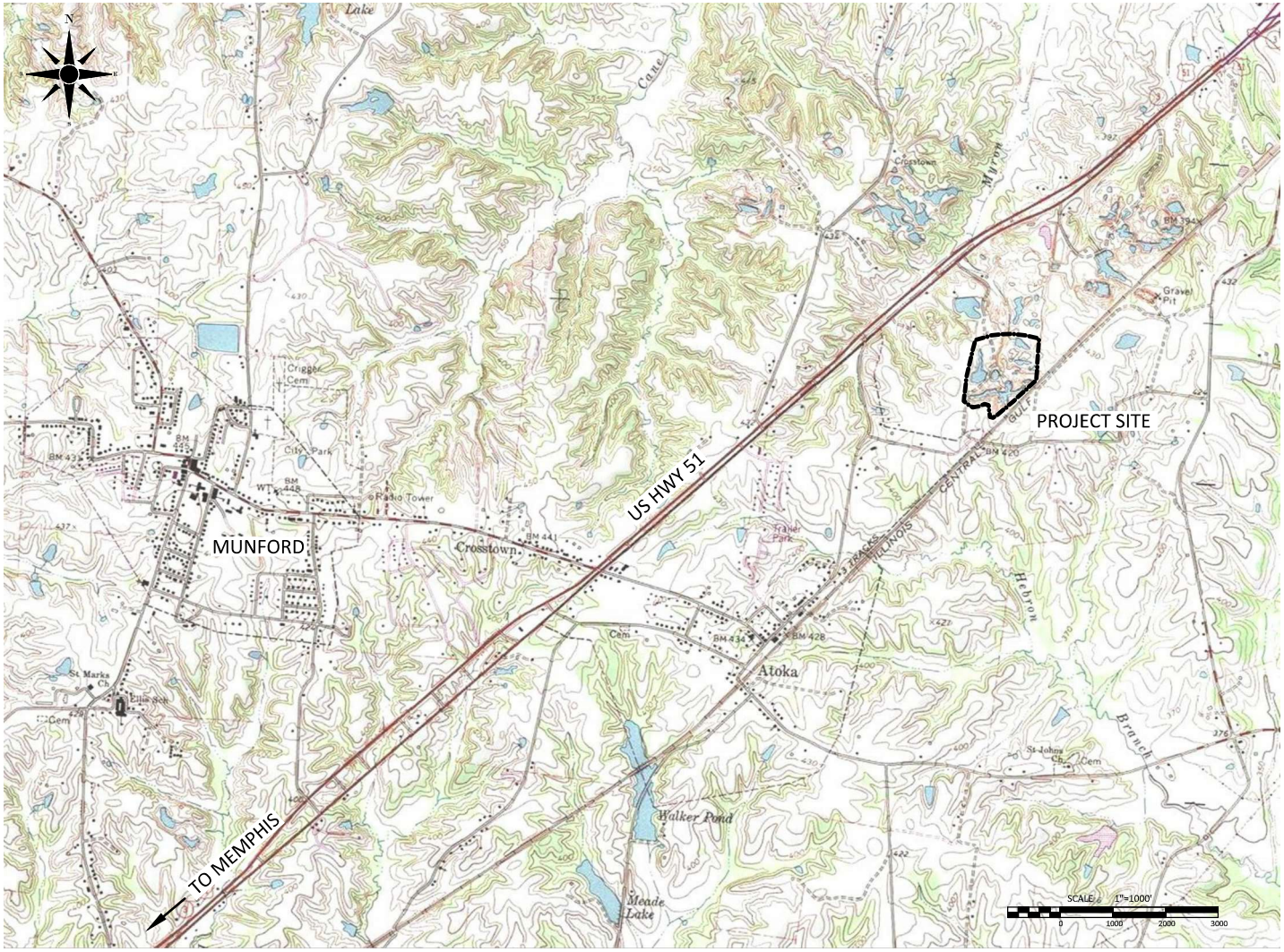
LAND RECLAMATION SECTION

CONSTRUCTION PLANS

ATOKA

RECLAMATION PROJECT

TIPTON COUNTY, TENNESSEE

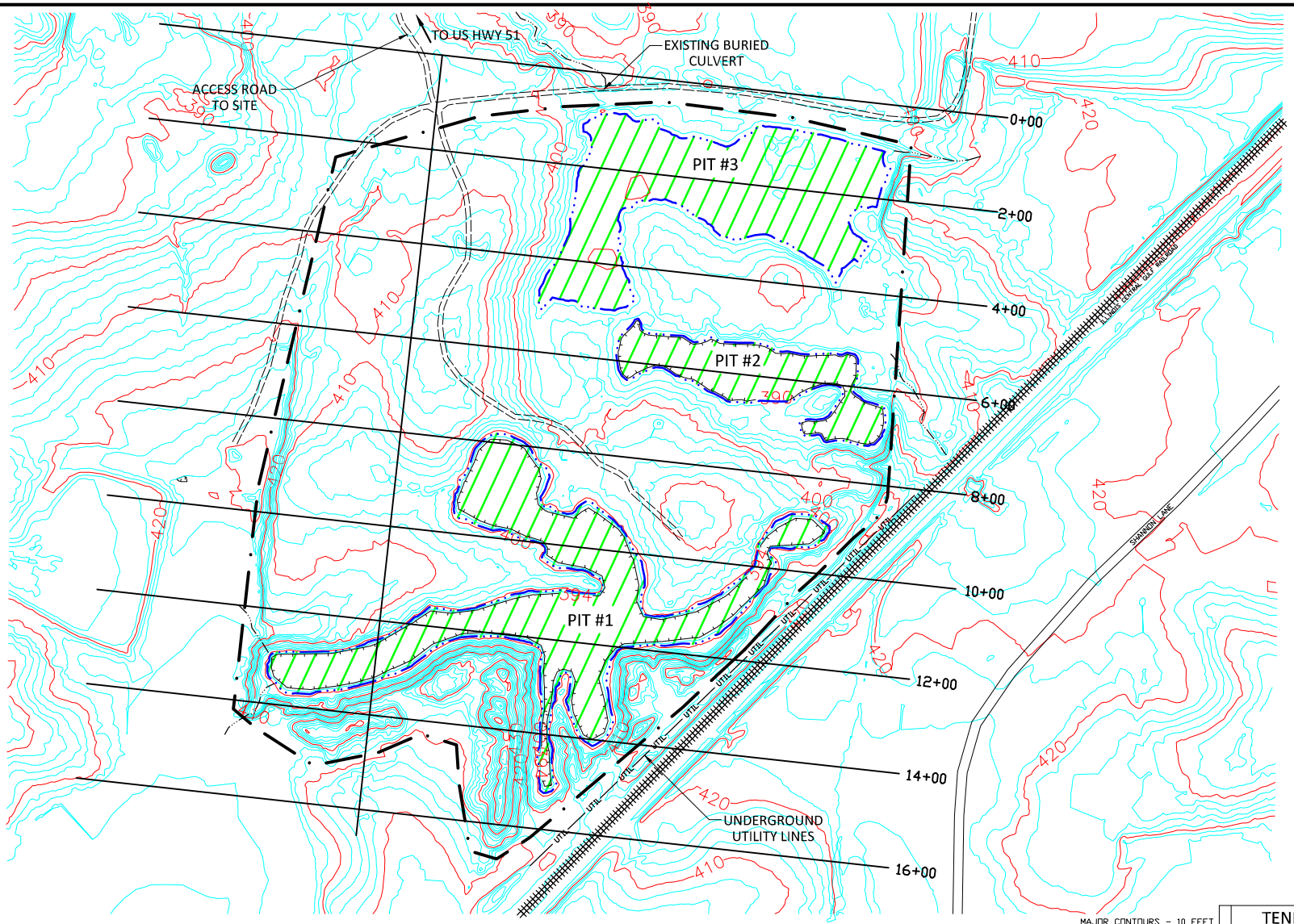


ESTIMATED QUANTITIES

AREA	37.8	ACRES
YARDAGE	195,000 YD³	CUT
	173,000 YD³	FILL

ATOKA
RECLAMATION PROJECT
LOCATION MAP

ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PROJECT	ATOKA RECLAMATION PROJECT		
	LOCATION VIEW		
BY	DRAWN BY: MPP DATE: 12/21/2018	SURVEYED BY: DATE:	DESIGNED BY: MPP DATE: 12/20/2018
DWG	CHECKED BY: BEE DATE: 1/25/2019	SCALE 1" = 1000'	SHEET 1 OF 5



NOTES:

1. CONTRACTOR WILL CONTACT UTILITY COMPANY TO LOCATE UNDERGROUND LINES LOCATED ABOVE THE HIGHWALL BEFORE GRADE WORK CAN COMMENCE
2. ALL CLEARING DEBRIS SHALL BE DISPOSED OF BY BURYING, WINDROWING, AND/OR PILING AND BURNING
3. WATER IN PIT SHALL BE TESTED TO ENSURE COMPLIANCE AND THEN BE DEWATERED BY PUMPING OR DRAINING IN ACCORDANCE WITH SECTION 214.03
4. HIGHWALLS SHALL BE BACKFILLED TO THE SLOPES AS SHOWN ON SHEETS 4 & 5 OF THE DRAWINGS
5. GRADING SHALL PROVIDE POSITIVE DRAINAGE AND ELIMINATE ALL DEPRESSIONS THAT WILL HOLD WATER
6. SLOPE OF THE CENTER GRASS-LINED WATERWAY SHALL BE A ONE PERCENT (1%)
7. SLOPE OF THE CENTER GRASS-LINED WATERWAY SHALL BE CHECKED WITH A LEVEL OR SURVEY INSTRUMENT TO ENSURE CORRECT GRADE
8. TWO (2) THIRTY-SIX INCH (36") HDPE CULVERTS SHALL BE INSTALLED UNDER THE ACCESS ROAD AT THE LOCATION SHOWN
9. STRAW WATTLES SHALL BE INSTALLED AT THE LOCATIONS SHOWN AND ANY OTHER PLACES AS NEEDED FOR SEDIMENT CONTROL
10. RIP-RAP DITCHES SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN, ADDITIONAL RIP-RAP DITCHES MAY BE REQUIRED
11. ROCK IN RIP-RAP DITCHES SHALL BE A MIXTURE OF CLEAN CLASS-A AND CLASS-B LIMESTONE
12. TERRACES MAY BE CONSTRUCTED TO CONTROL SURFACE DRAINAGE IF DETERMINED BY THE PROJECT OFFICER
13. ALL DISTURBED AREAS SHALL BE REVEGETATED IN ACCORDANCE TO THE SPECIFICATIONS IN SECTION 801.0

ESTIMATED QUANTITIES

AREA	37.8	ACRES
YARDAGE	195,000 YD³	CUT
	173,000 YD³	FILL

MAJOR CONTOURS - 10 FEET
MINOR COUNTOURS - 2 FEET

LEGEND

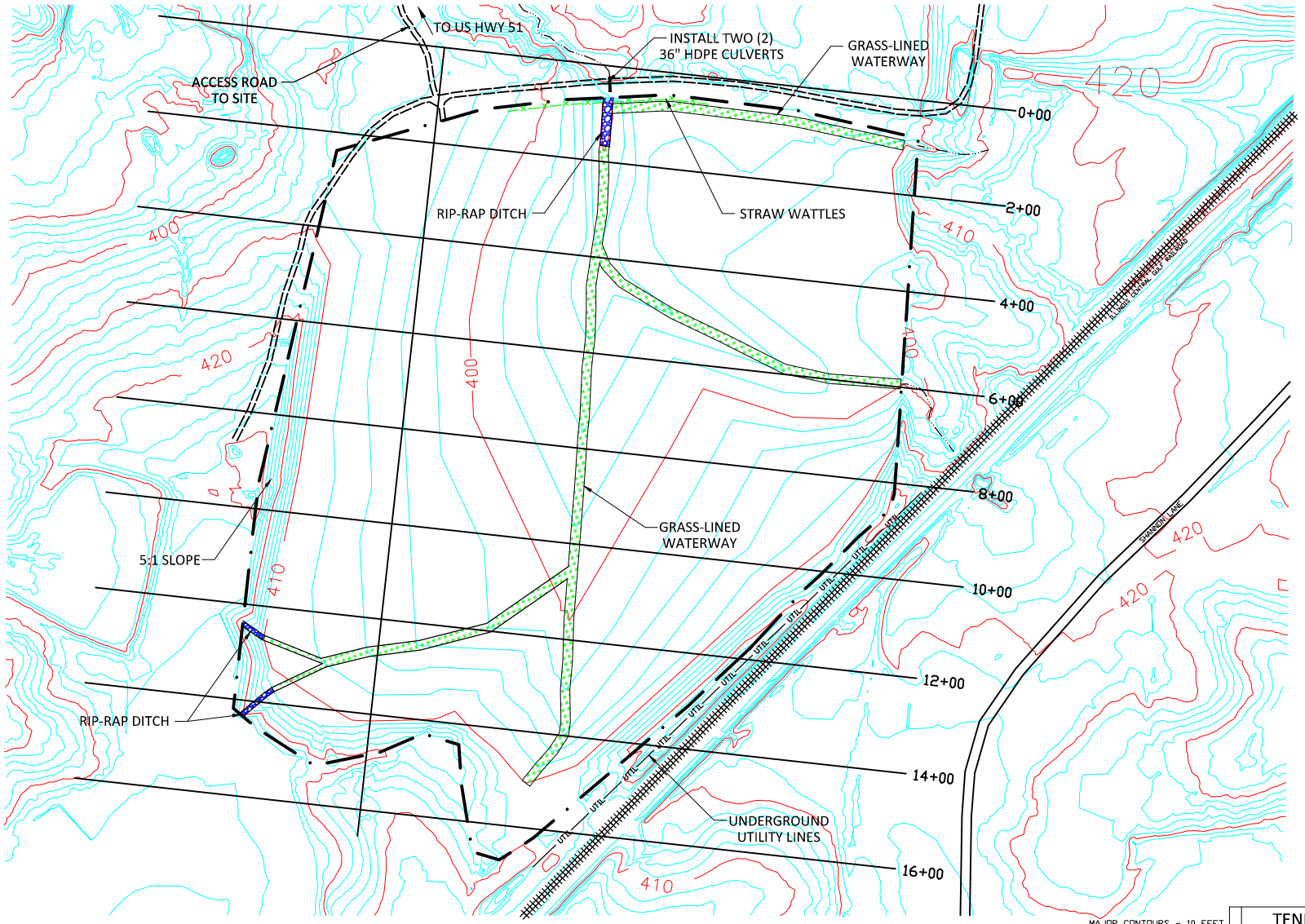
- WORK LIMITS
- ROAD
- TRAIL
- RAILROAD
- UTIL — UTIL — UNDERGROUND UTILITIES
- WATER-FILLED PIT
- STRAW WATTLES

ATOKA RECLAMATION PROJECT

PLAN VIEW

SCALE 1"=100'
0 100 200 300

ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PROJECT	ATOKA RECLAMATION PROJECT		
	PLAN VIEW		
DWG BY	DRAWN BY: MPP DATE: 2/15/2019	SURVEYED BY: DATE:	DESIGNED BY: MPP DATE: 12/18/2018
	CHECKED BY: BEE DATE: 3/22/2019	SCALE 1" = 100'	SHEET 2 OF 5



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ESTIMATED QUANTITIES

AREA	37.8	ACRES
YARDAGE	195,000 YD^3	CUT
	173,000 YD^3	FILL

MAJOR CONTOURS - 10 FEET
MINOR COUNTOURS - 2 FEET

LEGEND

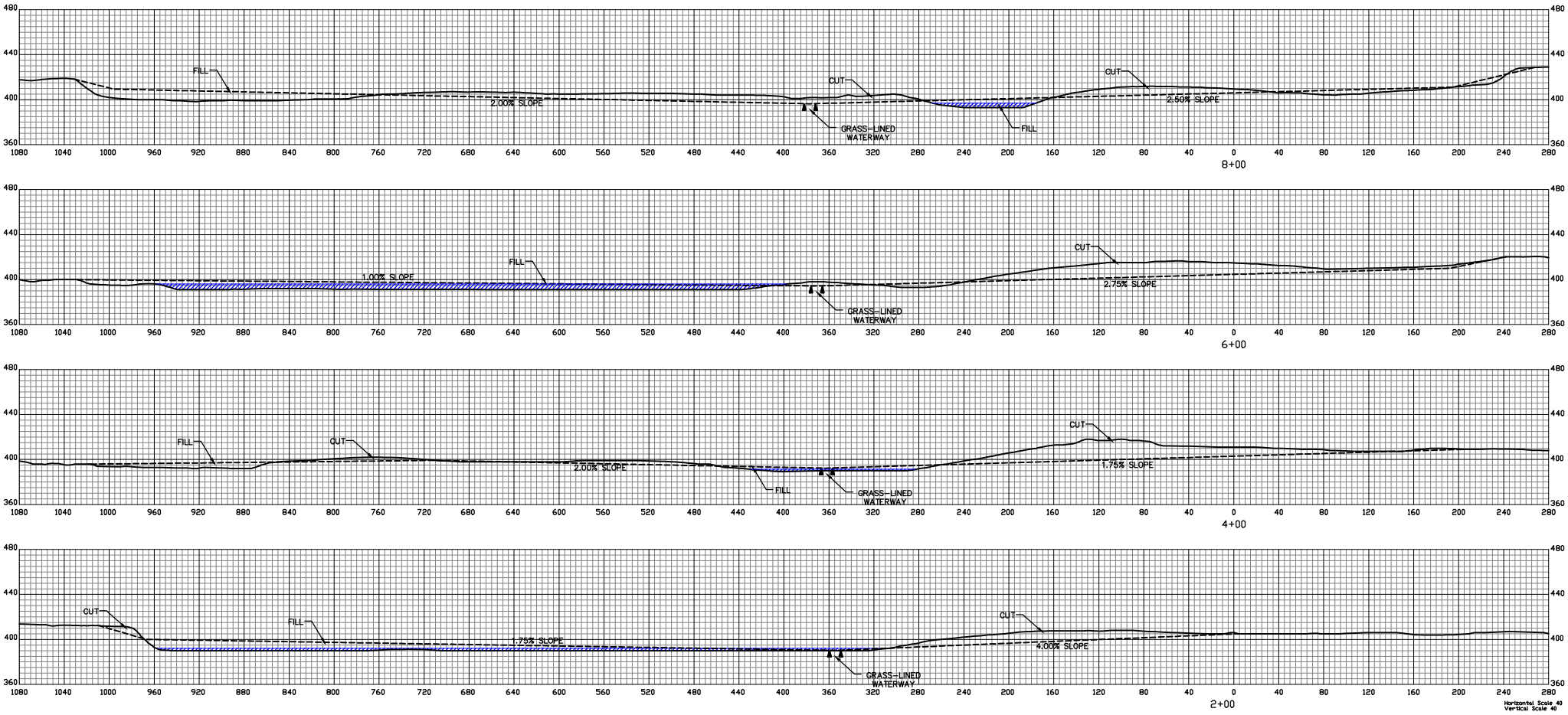
- WORK LIMITS
- ROAD
- TRAIL
- RAILROAD
- UTIL. UTIL. UNDERGROUND UTILITIES
- WATER-FILLED PIT
- STRAW WATTLES

ATOKA RECLAMATION PROJECT

FINAL VIEW

SCALE 1"=100'
0 100 200 300

ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PROJECT	ATOKA RECLAMATION PROJECT		
	FINAL VIEW		
DWG BY	DRAWN BY: MPP DATE: 2/15/2019	SURVEYED BY: DATE:	DESIGNED BY: MPP DATE: 12/18/2018
	CHECKED BY: BEE DATE: 3/22/2019	SCALE 1" = 100'	SHEET 3 OF 6



ATOKA
RECLAMATION PROJECT
CROSS SECTIONS 2+00 - 8+00

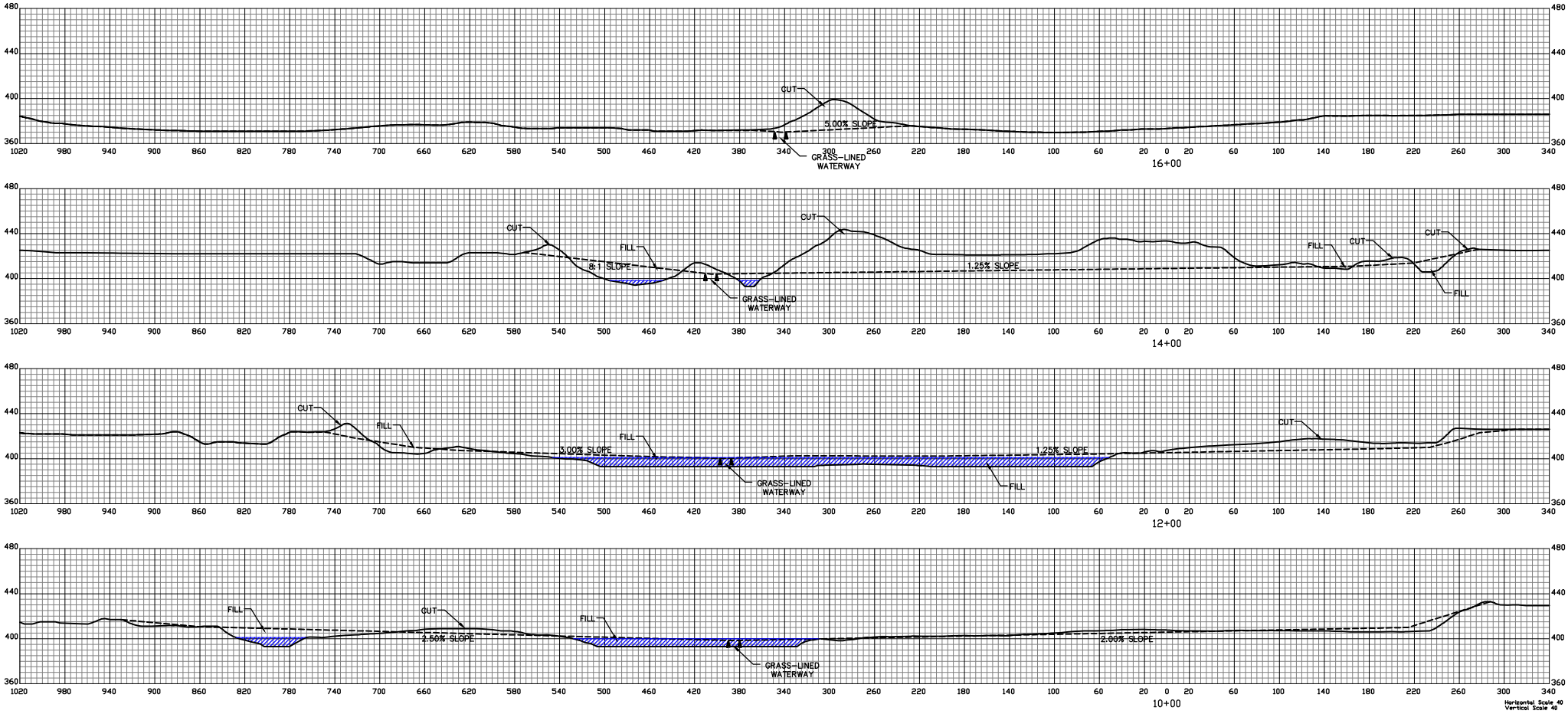
LEGEND

- ORIGINAL GROUND
- PROPOSED GRADE
- GRASSED WATERWAY
- WATER

SCALE 1"=40'

0 40 80 120

ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PROJECT	ATOKA RECLAMATION PROJECT		
	CROSS SECTIONS 2+00 - 8+00		
BY	DRAWN BY: MPP DATE: 2/15/2019	SURVEYED BY: DATE:	DESIGNED BY: MPP DATE: 2/18/2019
DWG	CHECKED BY: BEE DATE: 3/22/2019	SCALE 1" = 40'	SHEET 4 OF 6



ATOKA
RECLAMATION PROJECT
CROSS SECTIONS 10+00 - 16+00

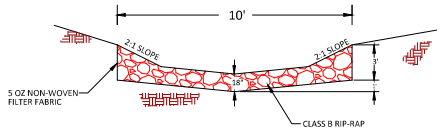
LEGEND

- ORIGINAL GROUND
- PROPOSED GRADE
- GRASSED WATERWAY
- WATER

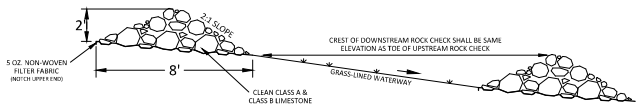
SCALE 1"=40'

0 40 80 120

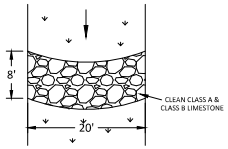
ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PROJECT	ATOKA RECLAMATION PROJECT		
	CROSS SECTIONS 10+00 - 16+00		
DWG BY	DRAWN BY: MPP DATE: 2/15/2019	SURVEYED BY: DATE:	DESIGNED BY: MPP DATE: 2/18/2019
	CHECKED BY: BEE DATE: 3/22/2019	SCALE 1" = 40'	SHEET 5 OF 6



RIP-RAP DIVERSION DITCH SECTION

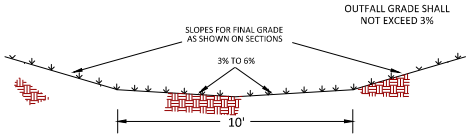


SIDE VIEW

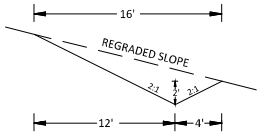


TOP VIEW

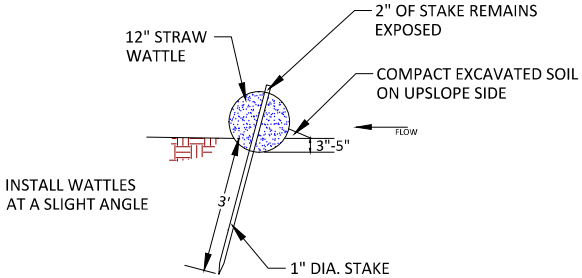
ROCK CHECK DETAIL



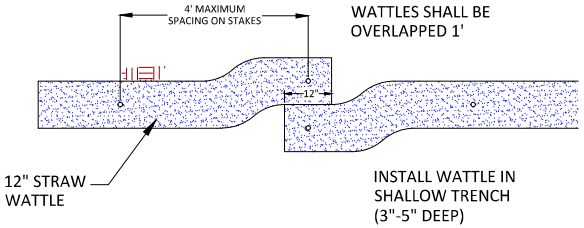
TYPICAL GRASSED WATERWAY



TYPICAL TERRACE SECTION
(IF REQUIRED)



SIDE VIEW



TOP VIEW

STRAW WATTLE DETAIL

ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PROJECT	ATOKA RECLAMATION PROJECT		
	MISC. DETAILS		
DWG BY	DRAWN BY: MPP DATE: 2/15/2019	SURVEYED BY: DATE:	DESIGNED BY: MPP DATE: 2/18/2019
	CHECKED BY: BEE DATE: 3/22/2019	NOT TO SCALE	SHEET 6 OF 6