



TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION

LAND RECLAMATION SECTION

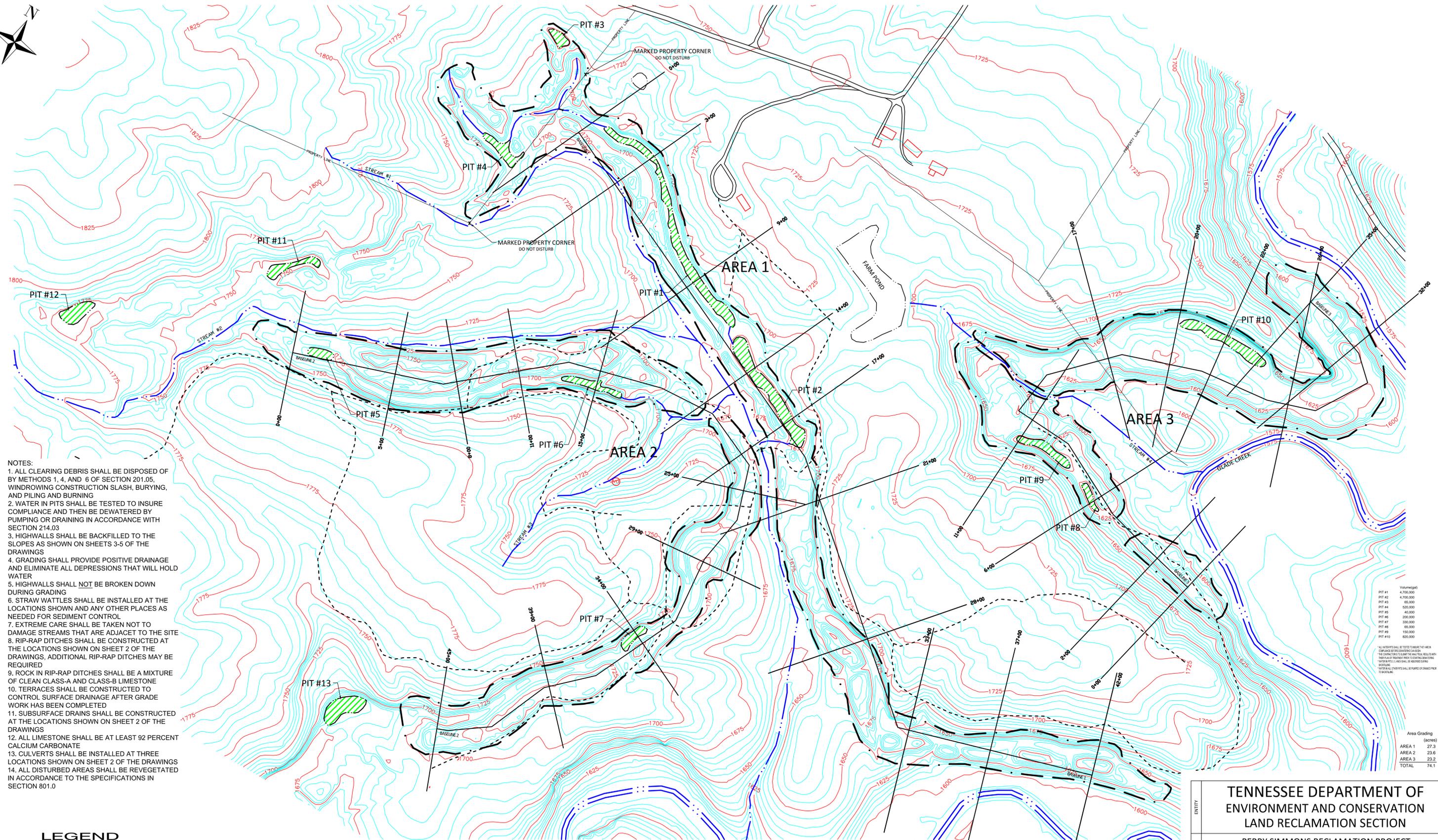
CONSTRUCTION PLANS

FOR THE

PERRY SIMMONS

RECLAMATION PROJECT

VAN BUREN COUNTY, TENNESSEE



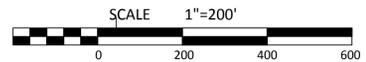
- NOTES:**
1. ALL CLEARING DEBRIS SHALL BE DISPOSED OF BY METHODS 1, 4, AND 6 OF SECTION 201.05, WINDROWING CONSTRUCTION SLASH, BURYING, AND PILING AND BURNING
 2. WATER IN PITS SHALL BE TESTED TO INSURE COMPLIANCE AND THEN BE DEWATERED BY PUMPING OR DRAINING IN ACCORDANCE WITH SECTION 214.03
 3. HIGHWALLS SHALL BE BACKFILLED TO THE SLOPES AS SHOWN ON SHEETS 3-5 OF THE DRAWINGS
 4. GRADING SHALL PROVIDE POSITIVE DRAINAGE AND ELIMINATE ALL DEPRESSIONS THAT WILL HOLD WATER
 5. HIGHWALLS SHALL NOT BE BROKEN DOWN DURING GRADING
 6. STRAW WATTLES SHALL BE INSTALLED AT THE LOCATIONS SHOWN AND ANY OTHER PLACES AS NEEDED FOR SEDIMENT CONTROL
 7. EXTREME CARE SHALL BE TAKEN NOT TO DAMAGE STREAMS THAT ARE ADJACENT TO THE SITE
 8. RIP-RAP DITCHES SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN ON SHEET 2 OF THE DRAWINGS. ADDITIONAL RIP-RAP DITCHES MAY BE REQUIRED
 9. ROCK IN RIP-RAP DITCHES SHALL BE A MIXTURE OF CLEAN CLASS-A AND CLASS-B LIMESTONE
 10. TERRACES SHALL BE CONSTRUCTED TO CONTROL SURFACE DRAINAGE AFTER GRADE WORK HAS BEEN COMPLETED
 11. SUBSURFACE DRAINS SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN ON SHEET 2 OF THE DRAWINGS
 12. ALL LIMESTONE SHALL BE AT LEAST 92 PERCENT CALCIUM CARBONATE
 13. CULVERTS SHALL BE INSTALLED AT THREE LOCATIONS SHOWN ON SHEET 2 OF THE DRAWINGS
 14. ALL DISTURBED AREAS SHALL BE REVEGETATED IN ACCORDANCE TO THE SPECIFICATIONS IN SECTION 801.0

PIT #	VOLUME (cu yd)
PIT #1	4,750,000
PIT #2	4,750,000
PIT #3	150,000
PIT #4	550,000
PIT #5	40,000
PIT #6	250,000
PIT #7	330,000
PIT #8	150,000
PIT #9	150,000
PIT #10	850,000

Area Grading	(acres)
AREA 1	27.3
AREA 2	23.6
AREA 3	23.2
TOTAL	74.1

LEGEND

---	WORK LIMITS
---	STREAMLINE
---	WATER-FILLED PIT
---	STRAW WATTLES
---	ROAD
---	TRAIL



PERRY SIMMONS PLAN VIEW

MAJOR CONTOURS - 25 FEET
MINOR CONTOURS - 5 FEET

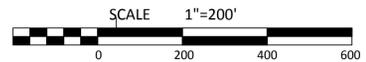
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PERRY SIMMONS RECLAMATION PROJECT		
PLAN VIEW		
ENTRITY		
PROJECT		
DRAWN BY: MPP DATE: 4/14/2015	SURVEYED BY: DATE:	DESIGNED BY: MPP, BEE DATE: 1/23/2015
CHECKED BY: RJE, BEE DATE: 4/24/2015	SCALE 1" = 200'	SHEET 1 OF 6



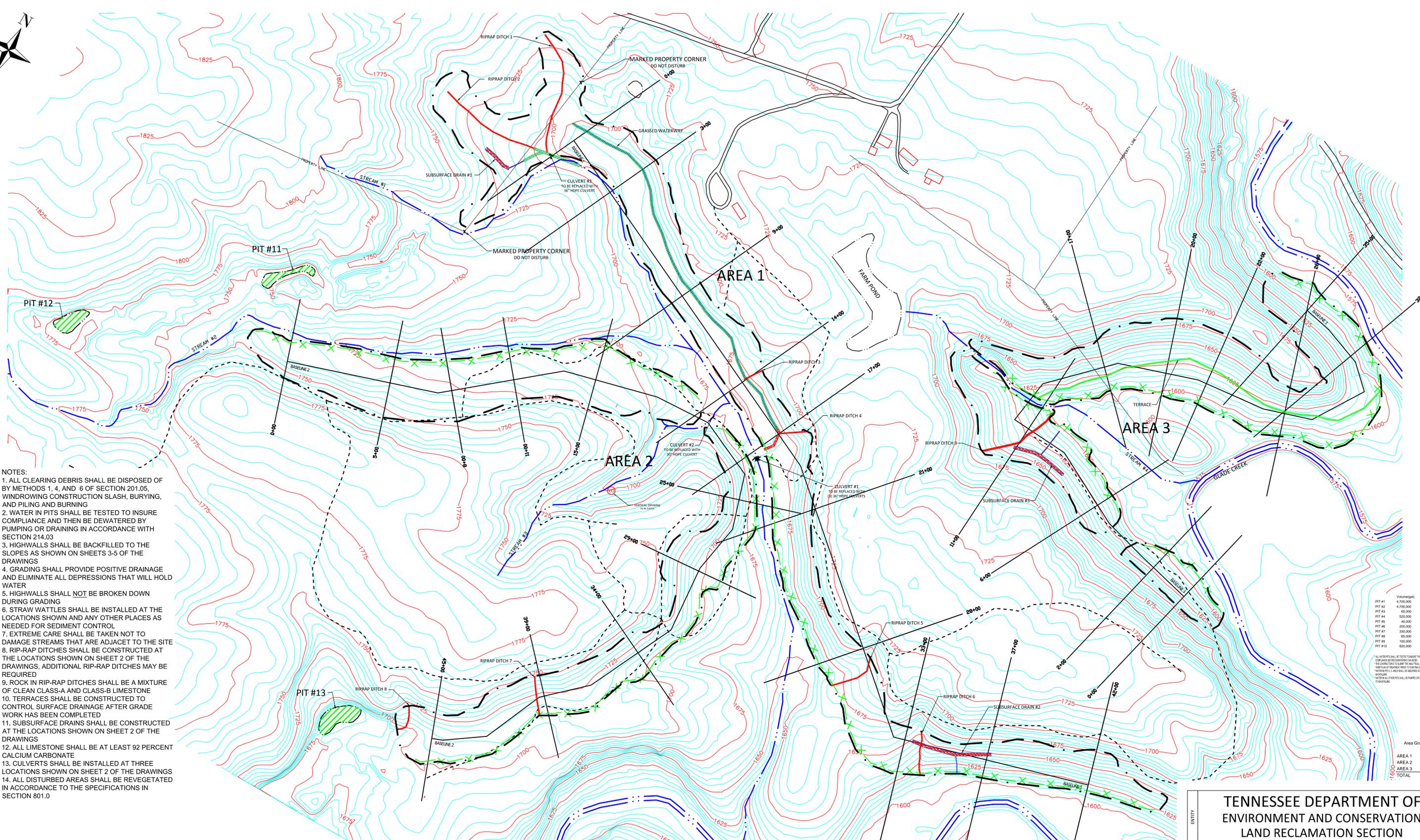
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LEGEND

- WORK LIMITS
- STREAMLINE
- WATER-FILLED PIT
- X --- STRAW WATTLES
- ROAD
- TRAIL



PERRY SIMMONS FINAL VIEW

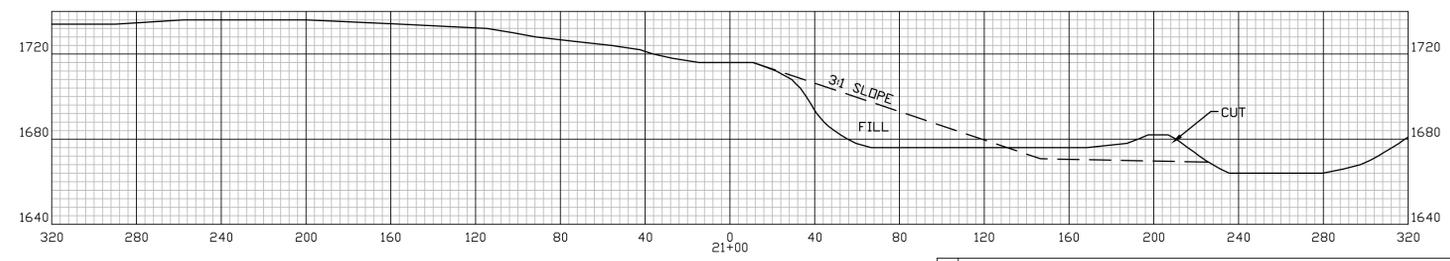
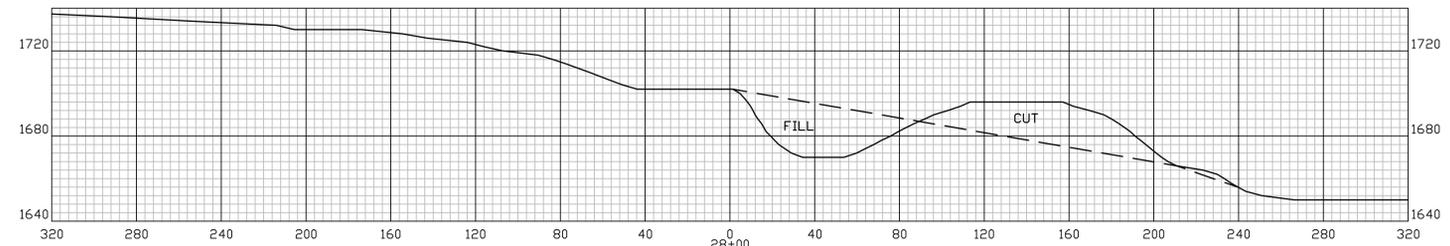
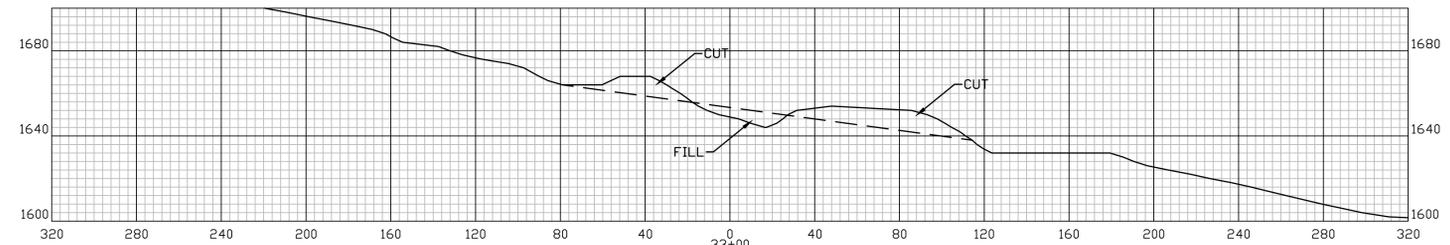
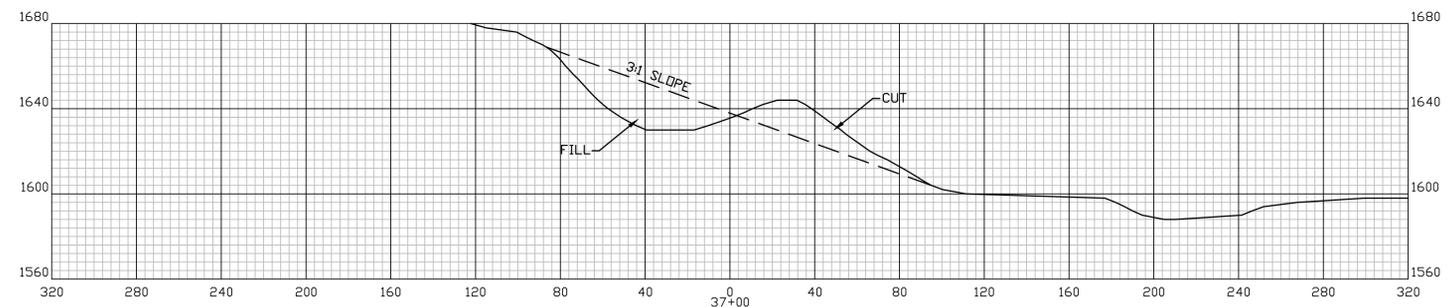
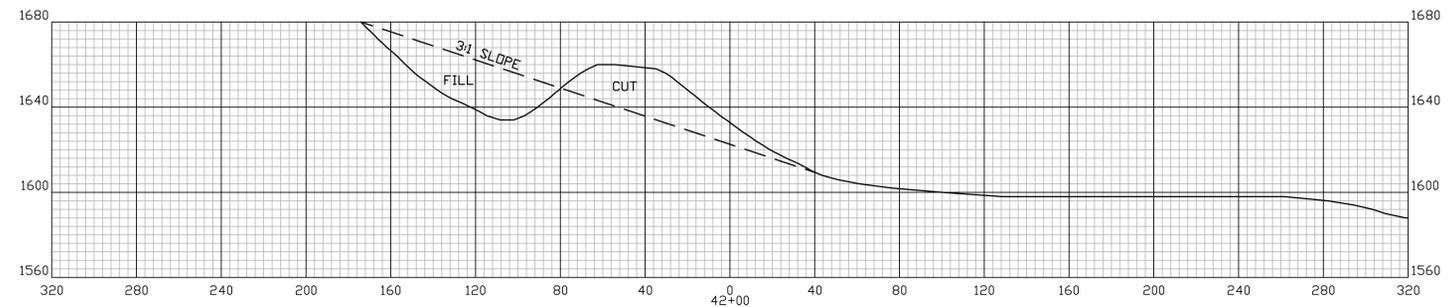
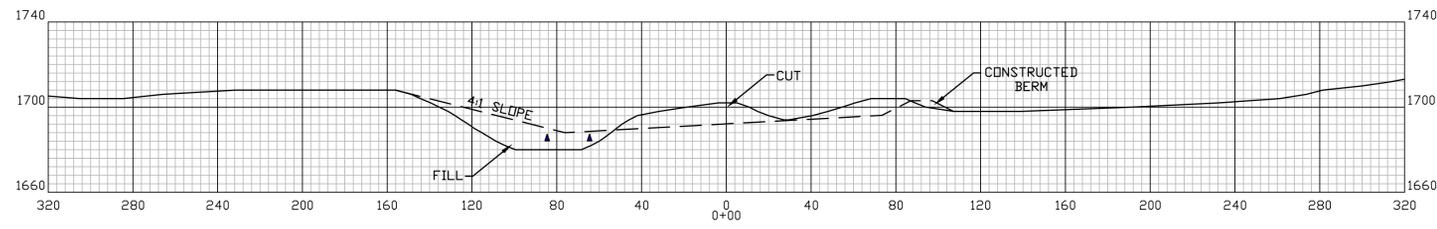
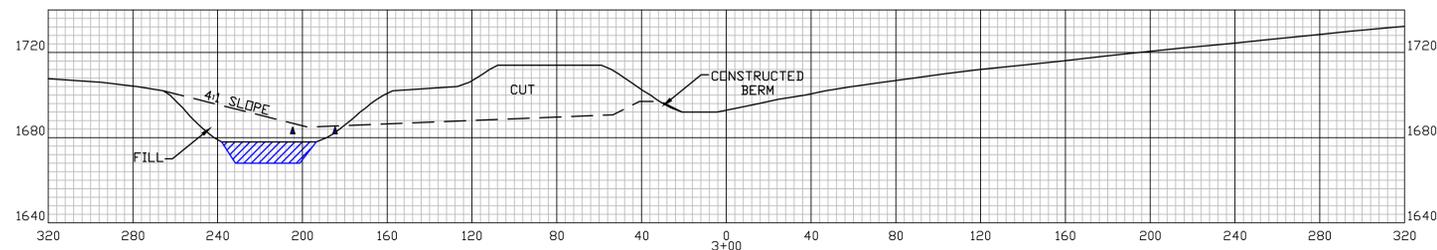
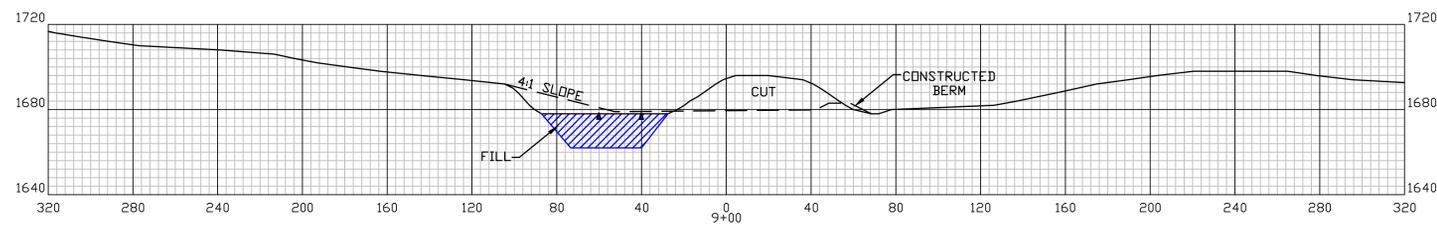
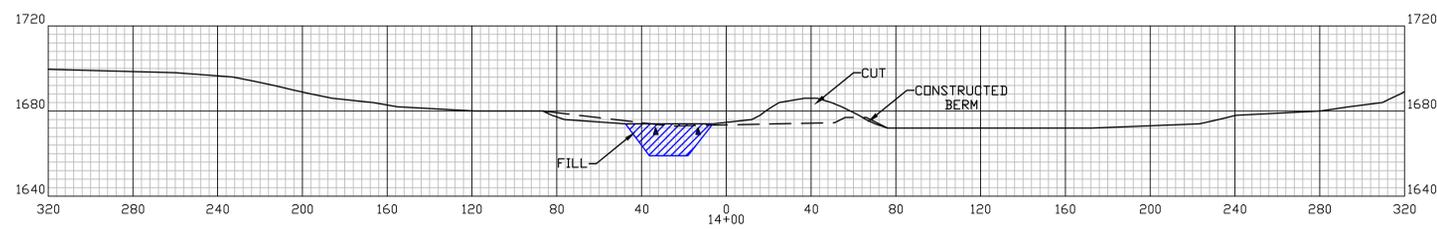
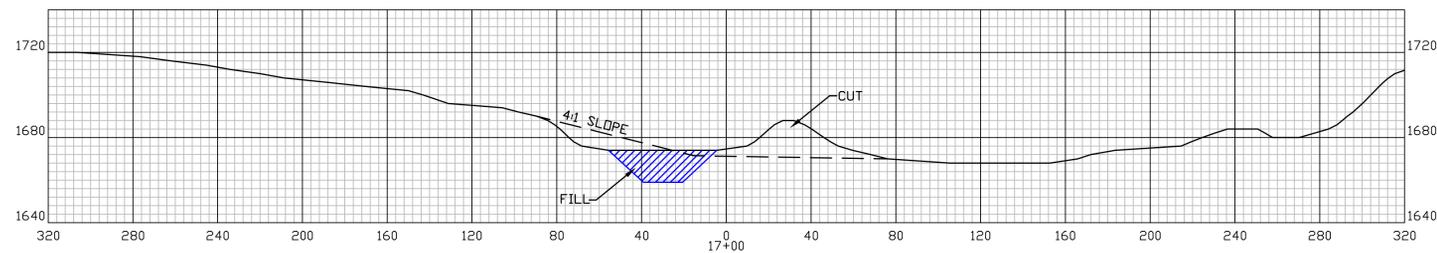


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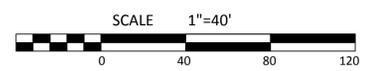
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TOTAL	74.1

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PERRY SIMMONS RECLAMATION PROJECT		
FINAL VIEW		
DRAWN BY: MPP DATE: 4/14/2015	SURVEYED BY: DATE:	DESIGNED BY: MPP, BEE DATE: 1/23/2015
CHECKED BY: RJE, BEE DATE: 4/24/2015	SCALE 1" = 200'	SHEET 2 OF 6

MAJOR CONTOURS - 25 FEET
MINOR CONTOURS - 5 FEET



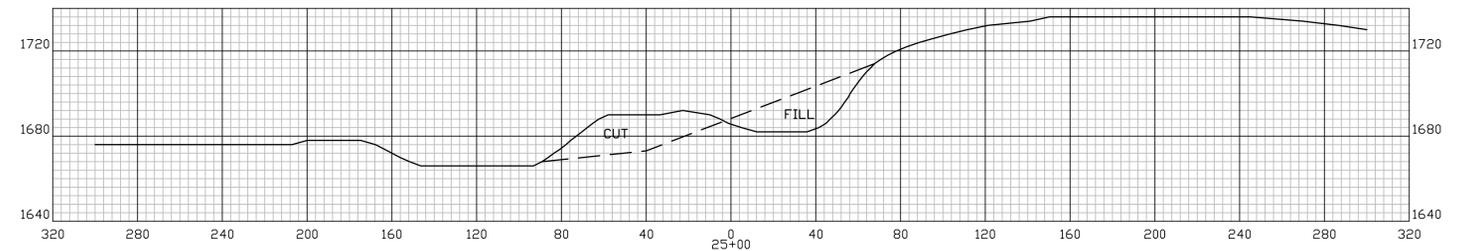
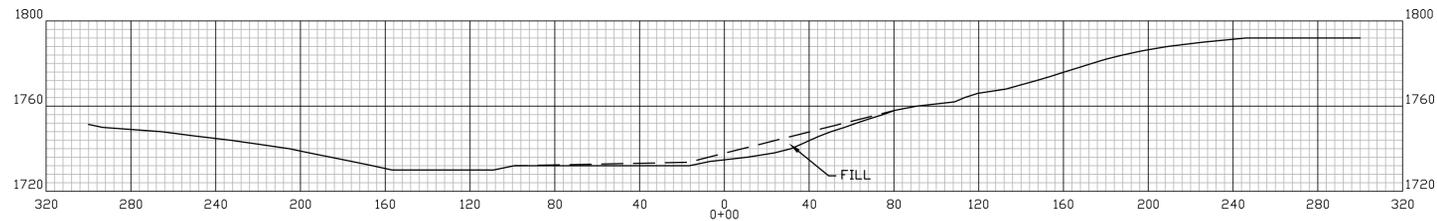
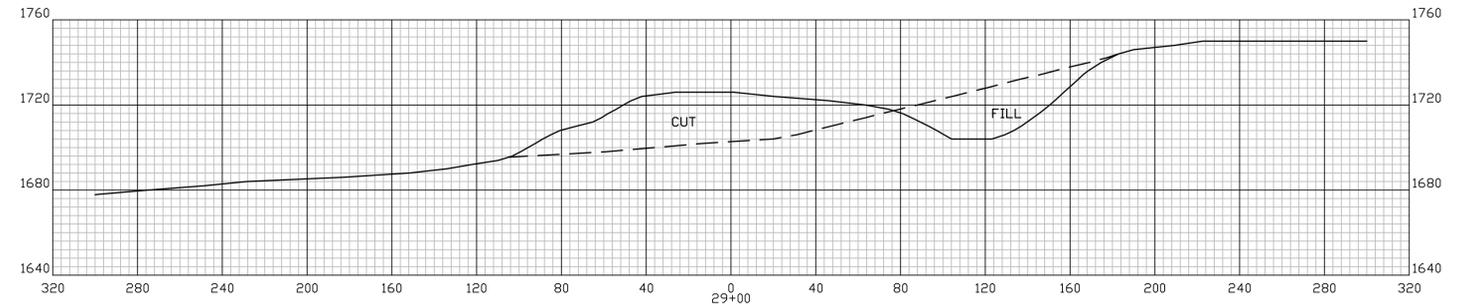
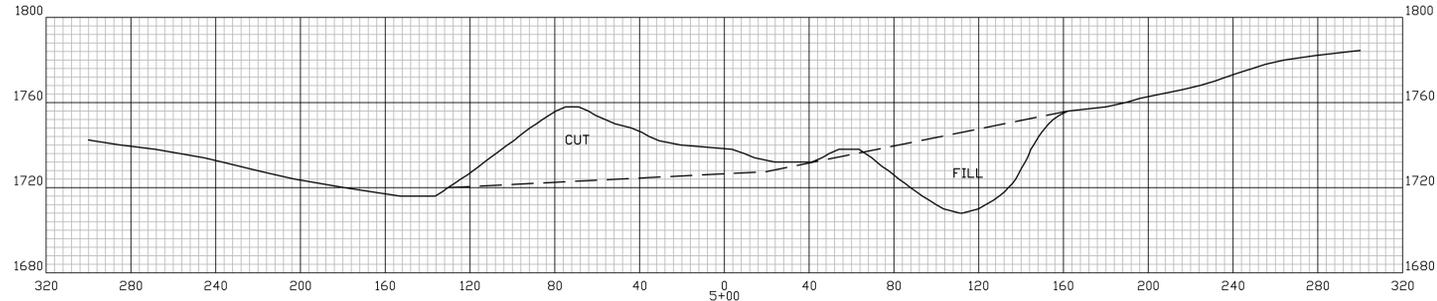
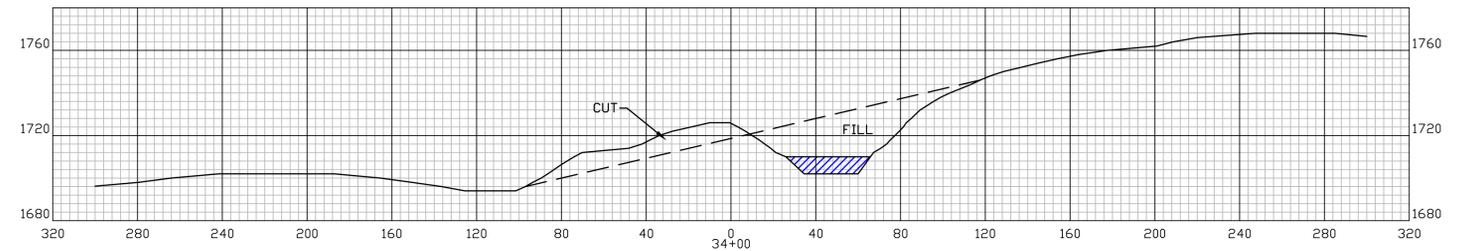
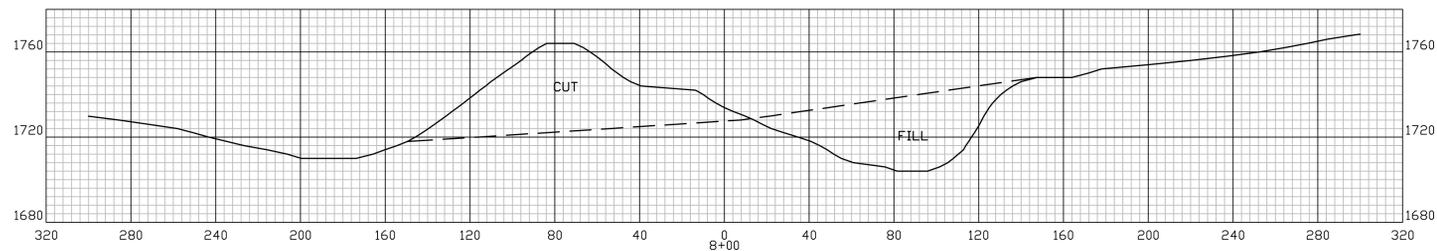
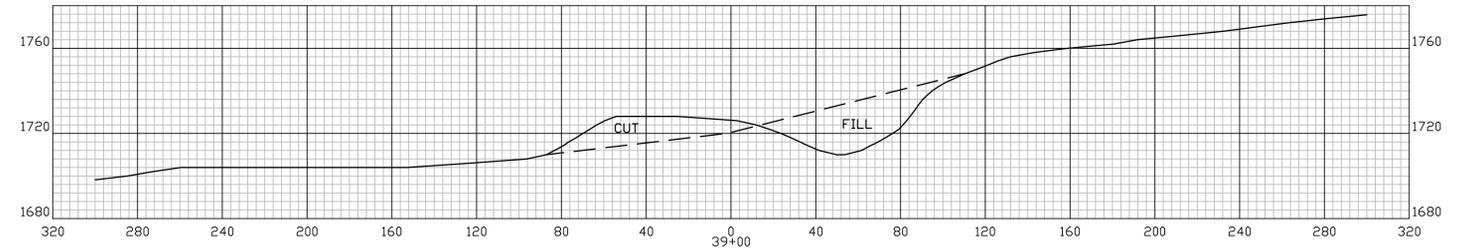
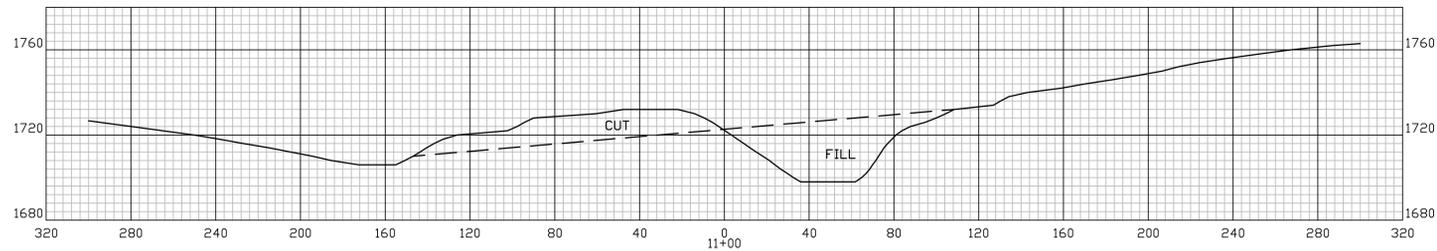
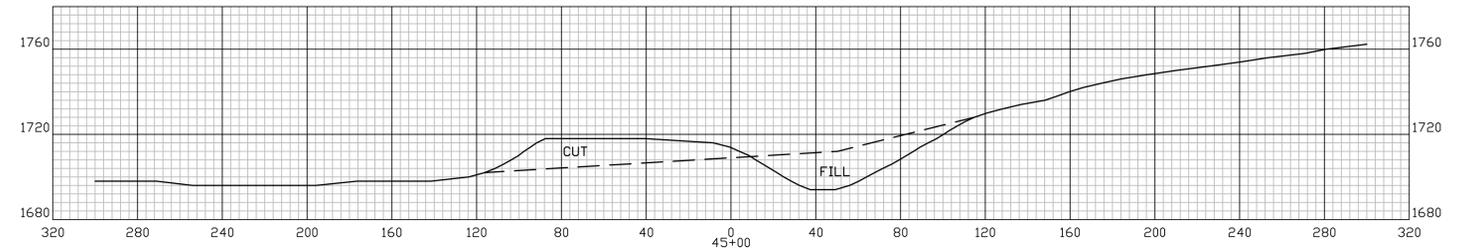
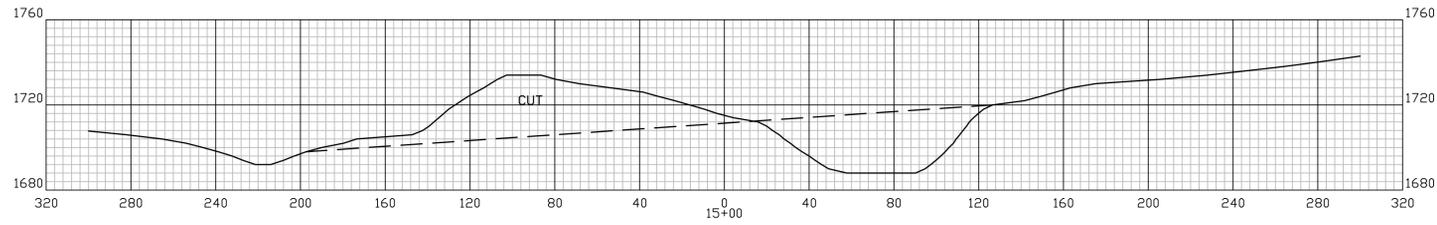
LEGEND
 — ORIGINAL GROUND
 - - - PROPOSED GRADE
 - - - GRASSED WATERWAY
 // WATER



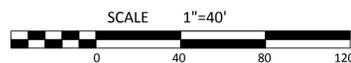
BASELINE 1 CROSS SECTIONS

Horizontal Scale 40
Vertical Scale 40

ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
	PERRY SIMMONS RECLAMATION PROJECT		
PROJECT	BASELINE 1 - CROSS SECTIONS		
	DRAWN BY: MPP DATE: 4/14/2015	SURVEYED BY: DATE:	DESIGNED BY: MPP, BEE DATE: 1/23/2015
	CHECKED BY: RJE, BEE DATE: 4/24/2015	SCALE 1" = 40'	SHEET 3 OF 6



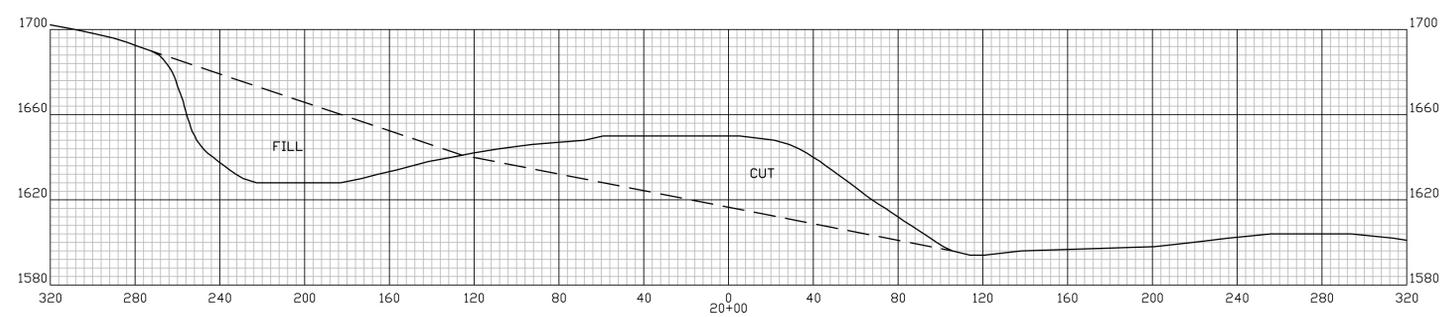
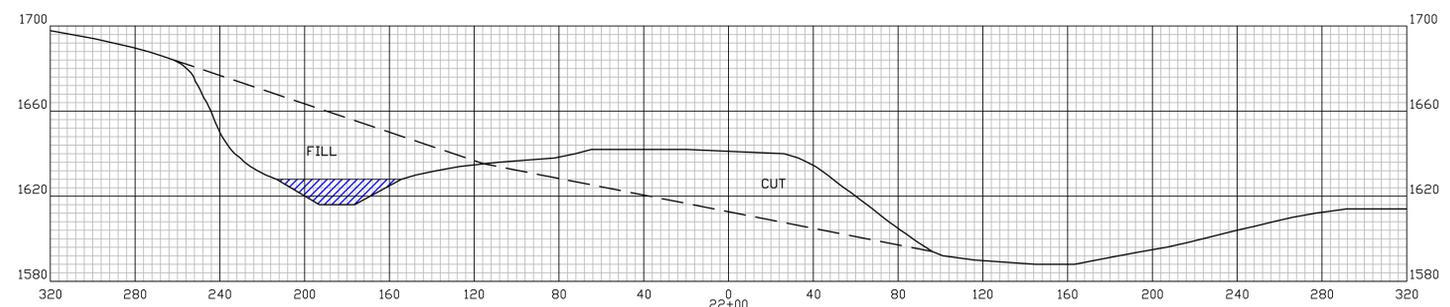
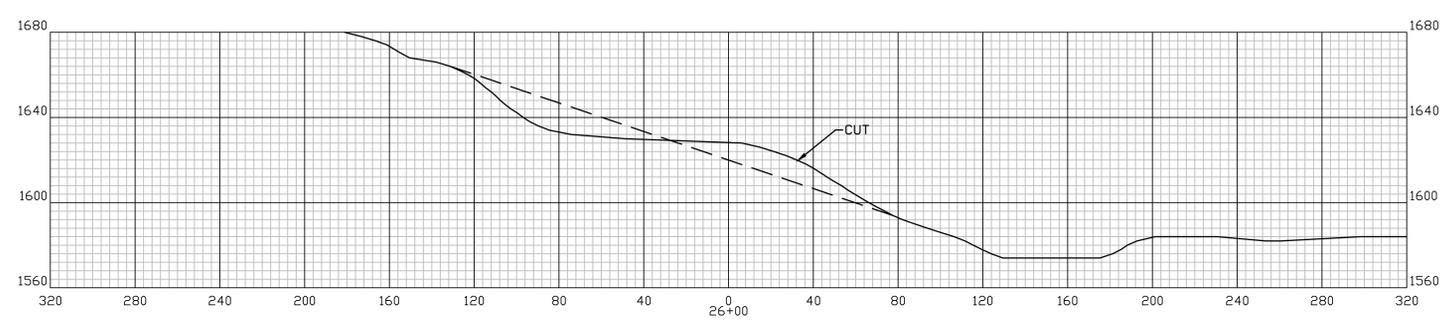
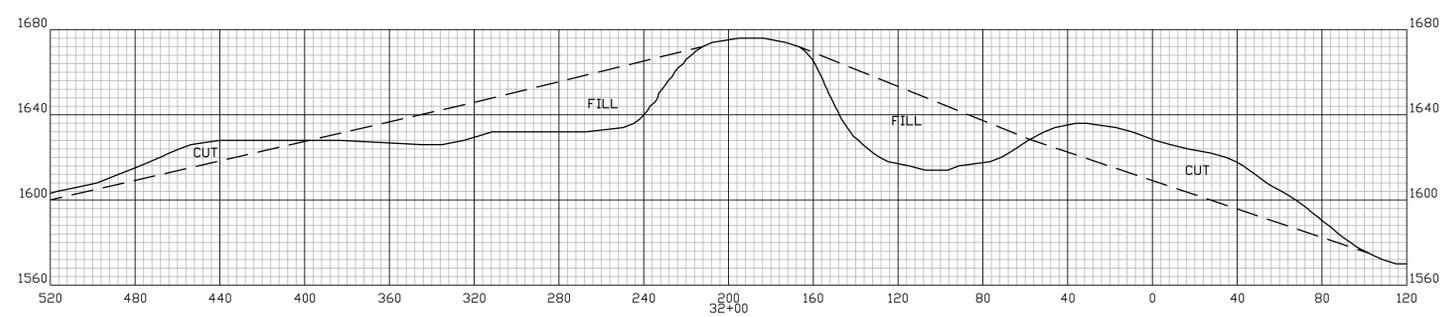
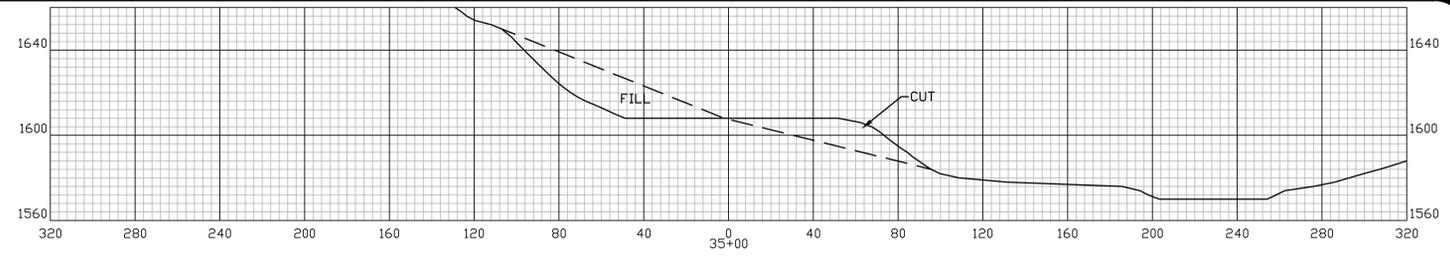
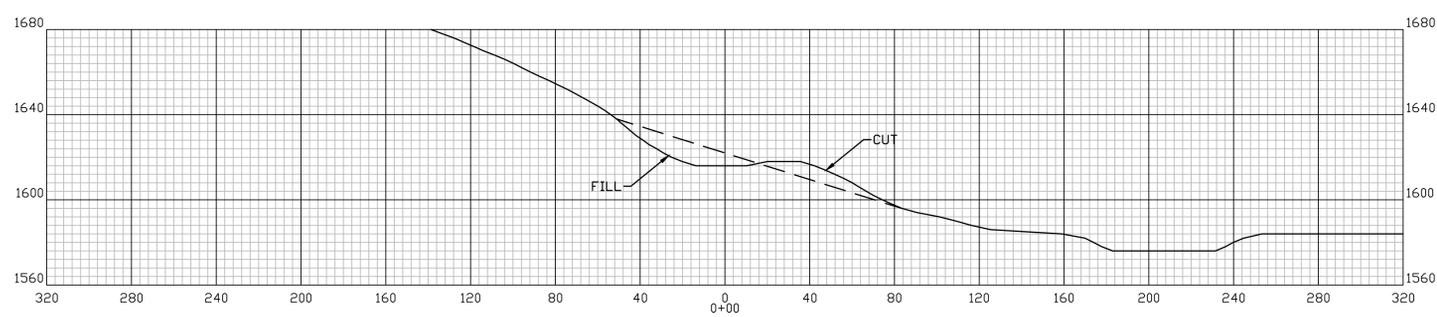
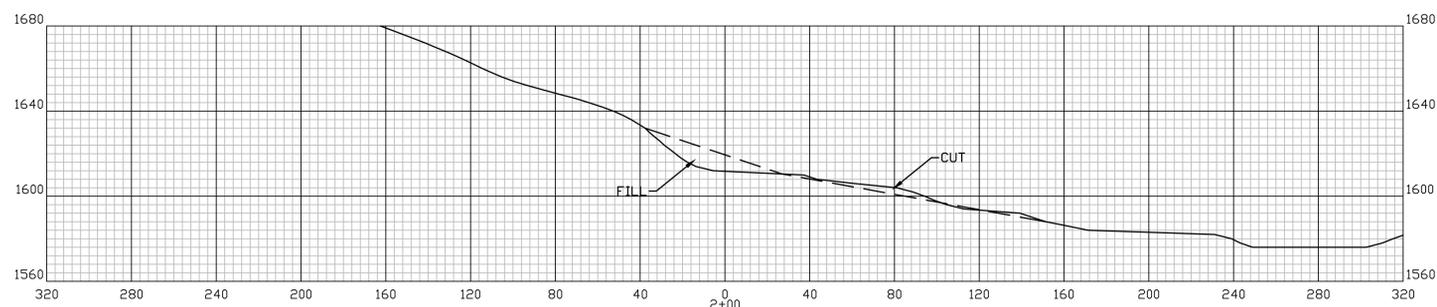
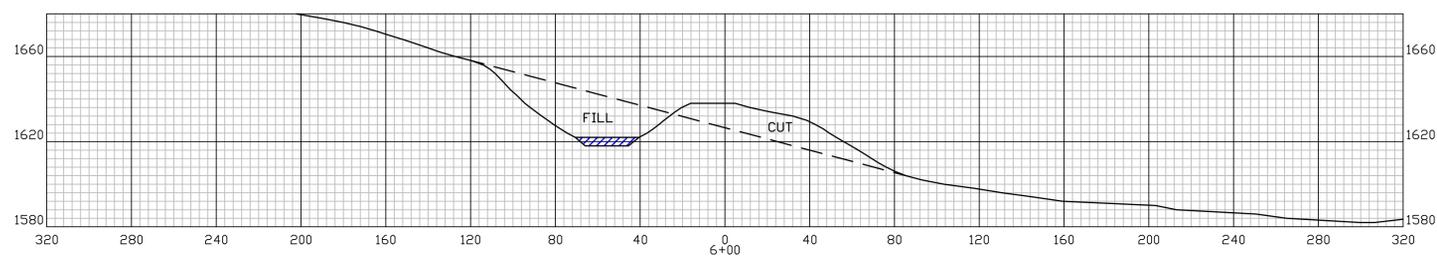
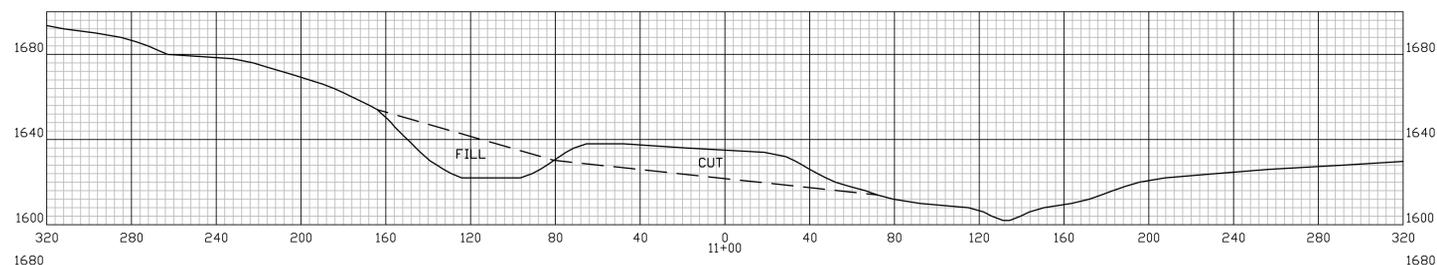
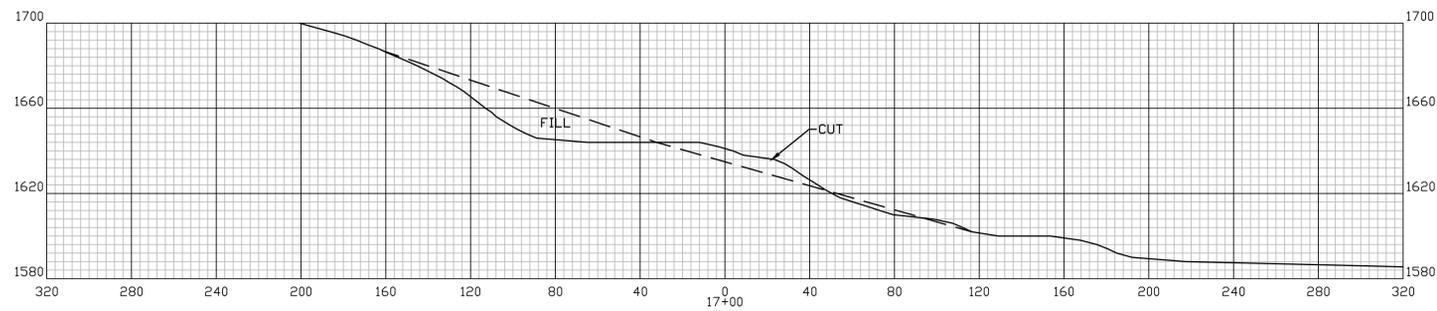
LEGEND
 — ORIGINAL GROUND
 - - - PROPOSED GRADE
 - - - GRASSED WATERWAY
 // WATER



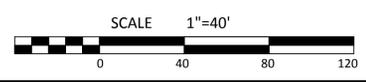
Horizontal Scale 40
 Vertical Scale 40

BASELINE 2 CROSS SECTIONS

ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
	PERRY SIMMONS RECLAMATION PROJECT		
PROJECT	BASELINE 2 - CROSS SECTIONS		
	DRAWN BY: MPP DATE: 4/14/2015	SURVEYED BY: DATE:	DESIGNED BY: MPP, BEE DATE: 1/23/2015
	CHECKED BY: RJE, BEE DATE: 4/24/2015	SCALE 1" = 40'	SHEET 4 OF 6



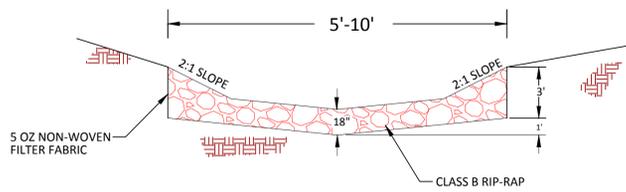
LEGEND
 — ORIGINAL GROUND
 - - - PROPOSED GRADE
 - - - GRASSED WATERWAY
 // WATER



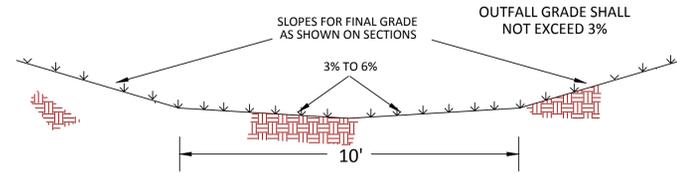
Horizontal Scale 40
 Vertical Scale 40

BASELINE 3 CROSS SECTIONS

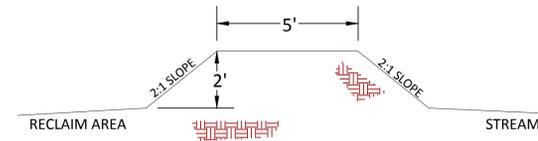
PROJECT	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
	PERRY SIMMONS RECLAMATION PROJECT		
ENTRY	BASELINE 3 - CROSS SECTIONS		
	DRAWN BY: MPP DATE: 4/14/2015	SURVEYED BY: DATE:	DESIGNED BY: MPP, BEE DATE: 1/23/2015
	CHECKED BY: RJE, BEE DATE: 4/24/2015	SCALE 1" = 40'	SHEET 5 OF 6



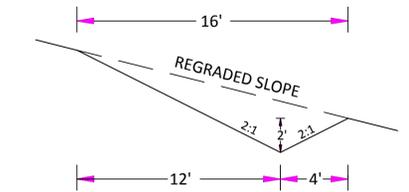
RIP-RAP DIVERSION DITCH SECTION
NOT TO SCALE



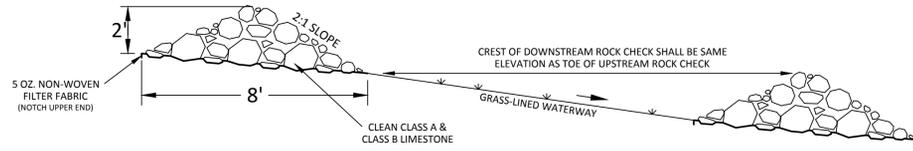
TYPICAL GRASSED WATERWAY
NOT TO SCALE



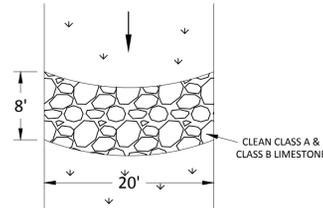
BERM DETAIL
SCALE 1"=3'



TYPICAL TERRACE SECTION
SCALE 1" = 5'

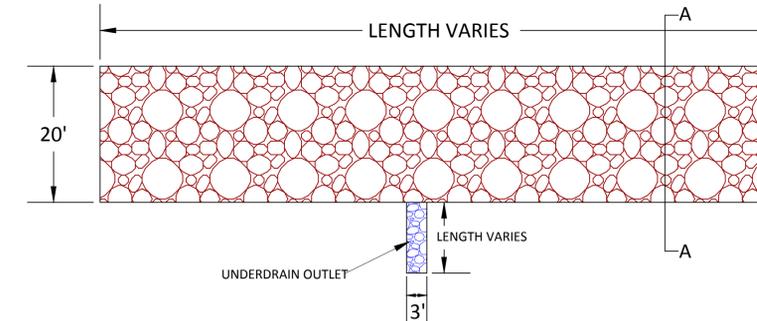


SIDE VIEW
SCALE 1"=3'

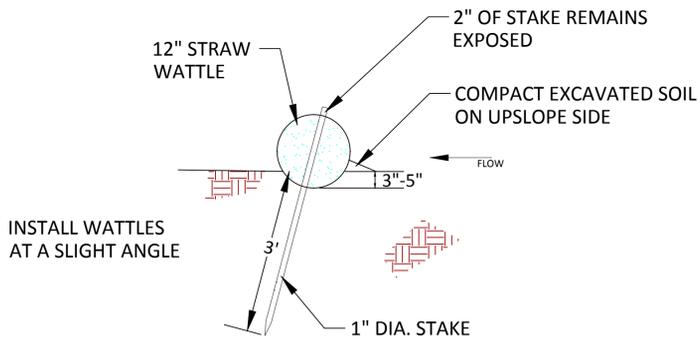


TOP VIEW
SCALE 1"=10'

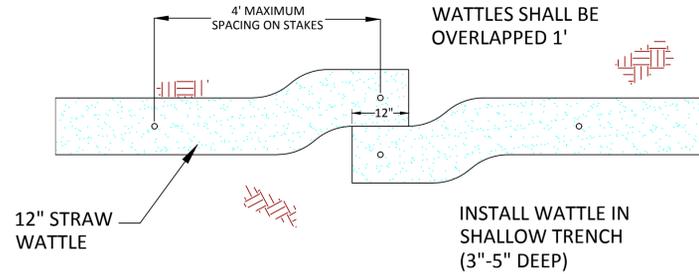
ROCK CHECK DETAIL



SUB-SURFACE DRAIN - PLAN VIEW
NOT TO SCALE

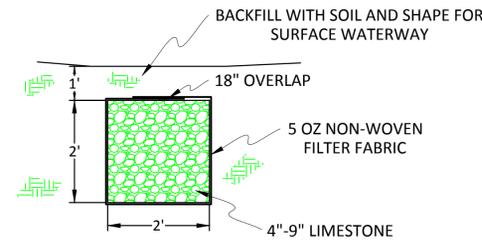


SIDE VIEW

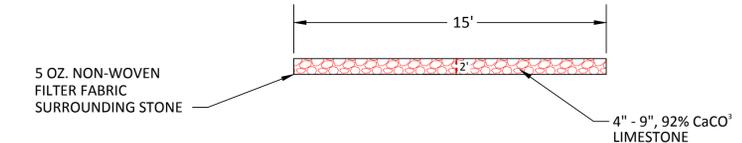


TOP VIEW

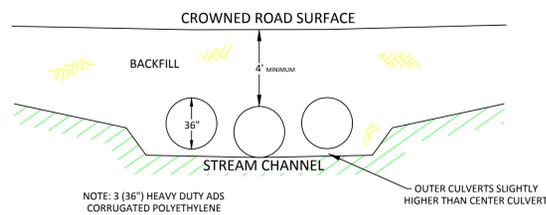
STRAW WATTLE DETAIL
NOT TO SCALE



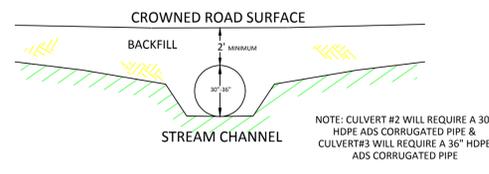
SUB-SURFACE DRAIN OUTLET
NOT TO SCALE



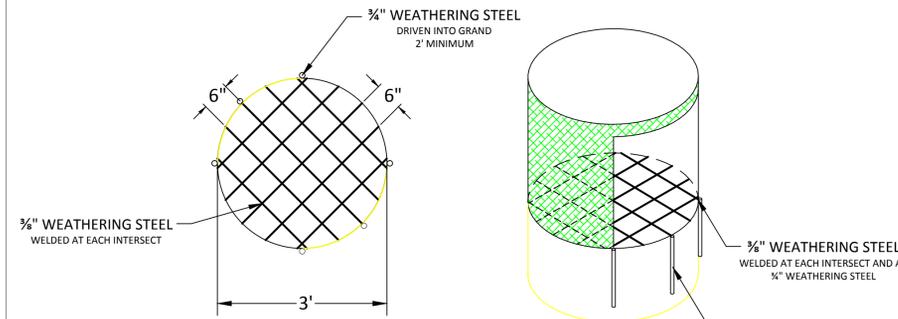
SUB-SURFACE DRAIN - SECTION A-A
NOT TO SCALE



CULVERT #1 DETAIL
SCALE 1"=5'



CULVERT #2 & #3 DETAIL
SCALE 1"=5'



VERTICAL OPENING STEEL GATE DETAIL
SCALE 1"=18"

ENTITY	TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION LAND RECLAMATION SECTION		
PROJECT	PERRY SIMMONS RECLAMATION PROJECT		
	MISC. DETAILS		
DWG BY	DRAWN BY: MPP DATE: 4/14/2015	SURVEYED BY: DATE:	DESIGNED BY: MPP, RJE, BEE DATE: 1/23/2015
	CHECKED BY: BEE DATE: 4/24/2015	SCALE AS SHOWN	SHEET 6 OF 6