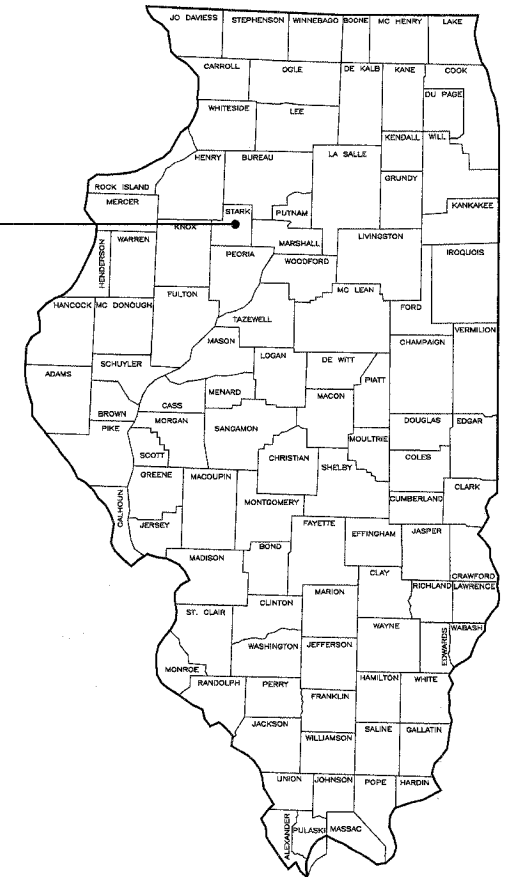


State of Illinois
Department of Natural Resources
Office of Mines and Minerals
Division of Abandoned Mined Lands

Funded by the
United States Department of Interior
Federal Office of Surface Mining

Allendale Mine
Reclamation Project
AML-GSkE-0601
Stark County
1LR

Allendale Mine
Stark County



Pre-Bid Meeting:

A pre-bid meeting is scheduled for
10:00 A. M. on Friday, September 14, 2007
at the Allendale Conservation Club.

SCHEDULE OF DRAWINGS:

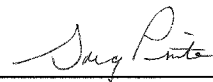
1. Cover Sheet
2. Summary of Quantities/General Notes/Location Map
- 3 & 4 Existing and Proposed Conditions
- 5 - 20. Cross Sections

Prepared By IDNR Staff

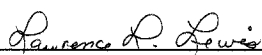
Approved for Bidding:


Joseph R. Angleton, Director
Office of Mines and Minerals

Approved By:

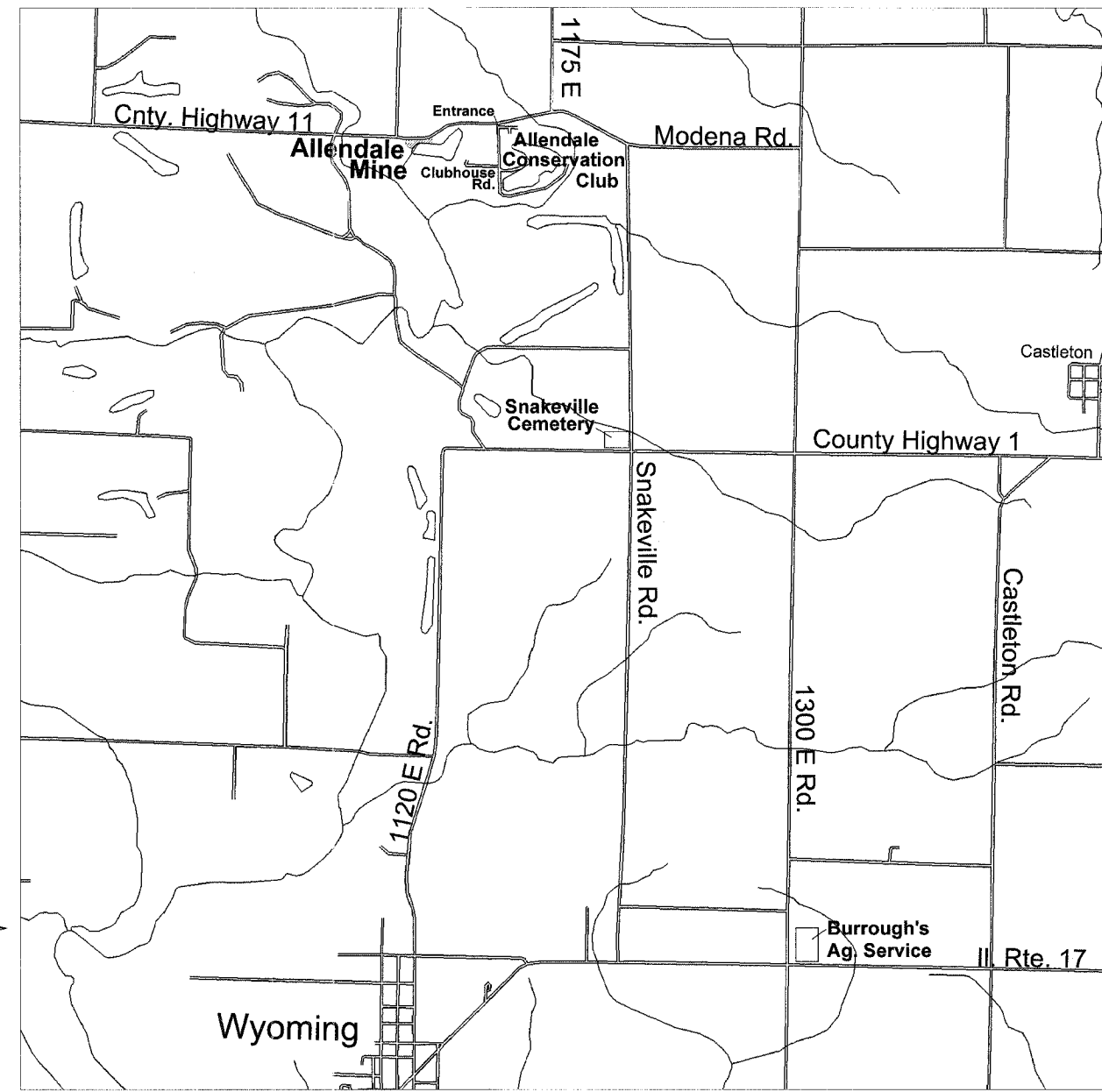

Greg Pinto, Interim Manager
AML Division

Approved By:


Lawrence L. Lewis, P.E.
IL Licensed Professional Engineer
No. 0062-038880



Summary of Quantities					
#	Item	Section	Quantity	Unit	Rates/Remarks
1	Special Clearing	201	1	L.S.	
2	Earth Excavation	202	36,937	C.Y.	Compaction Required per S.P. 205
3	Seeding	250	8.5	Acre	
4	Nitrogen Fertilizer Nutrient	250	2,040	Pound	See Schedule this Sheet
5	Phosphorous Fertilizer Nutrient	250	2,550	Pound	See Schedule this Sheet
6	Potassium Fertilizer Nutrient	250	4,250	Pound	See Schedule this Sheet
7	Agricultural Ground Limestone	250	17	Ton	See Schedule this Sheet
8	Mulch, Method 2, Procedure 1	IDOT 251	8.5	Acre	See Schedule this Sheet
9	Mowing	258	8.5	Acre	
10	Stone Riprap C-4	IDOT 281	5,457	Ton	
11	Stone Riprap A-1	IDOT 281	683	Ton	
12	Filter Fabric for use w/Riprap	IDOT 282	1,465	S.Y.	
13	Erosion Control Blanket	IDOT 286	1,930	S.Y.	
14	Aggregate Surface Course, Type B, CA-6	IDOT 402	712	Ton	356 Tons for new road on Sheet 4 and 356 Tons for Repair of On-site Roads
15	Mobilization (Max. 6% of Bid)	671	1	L.S.	



Location Map

GENERAL NOTES

Unless otherwise noted on the plans, all disturbed areas within the construction limits will be amended with agricultural ground limestone, fertilizer nutrients, seeded and mulched at the required rates specified in the plans.

The contractor is responsible for visiting the site and familiarizing himself with the existing conditions and the proposed reclamation work prior to submitting a bid.

The contractor shall provide and pay for all field engineering services to execute the project as specified in the Field Engineering section of the Special Provisions.

The contractor is responsible for locating and protecting all existing utility lines pertaining to the work.

Unless noted on the plans, all onsite access roads may be used for construction and must be maintained during construction and restored to original or better condition at the completion of work by the contractor. Access roads to the site as designated in the plans are to be maintained to the satisfaction of the engineer.

The construction limits will be staked by the contractor prior to construction. The contractor is responsible for the repair and or restitution at his own expense for all damages done to any area outside the construction limits.

Application rates specified in the plans are shown in the Summary of Quantities—Rates/Remarks column.

CONSTRUCTION NOTES

BURIAL/REMOVAL OF MATERIAL—Concrete and masonry debris designated for burial by the engineer shall be buried at least three feet below proposed final grade. Onsite organic debris and trash shall be disposed of in an engineer approved offsite landfill in accordance with Sections 201 and 501 of the Special Provisions.

TREE REMOVAL—Trees removed shall be disposed of onsite per Section 201 of the Special Provisions.

EROSION CONTROL—The contractor shall schedule his operations and take such precautions that may be necessary to prevent or minimize erosion. Failure to comply with this requirement shall cause the contractor to be fully responsible for repairing any eroded areas and cleaning up areas or drainage structures that have become silted in or damaged.

AGRICULTURAL GROUND LIMESTONE—Immediately prior to seed bed preparation, fertilizer nutrients and agricultural ground limestone shall be uniformly spread at the rates specified in the plans.

MULCHING—Within 24 hours from the time seeding has been performed, the seeded area shall be given a covering of mulch at the rates specified in the plans. The mulch is to be anchored into the soil in accordance with the requirements for method 2, procedure 1 of Article 251.03 of the Standard Specifications. If Excelsior or Special Excelsior Blanket is to be used, the blanket shall be placed the same day that the areas are seeded.



Schedule of Seeding, Fertilizer Nutrients, Mulch and Mowing

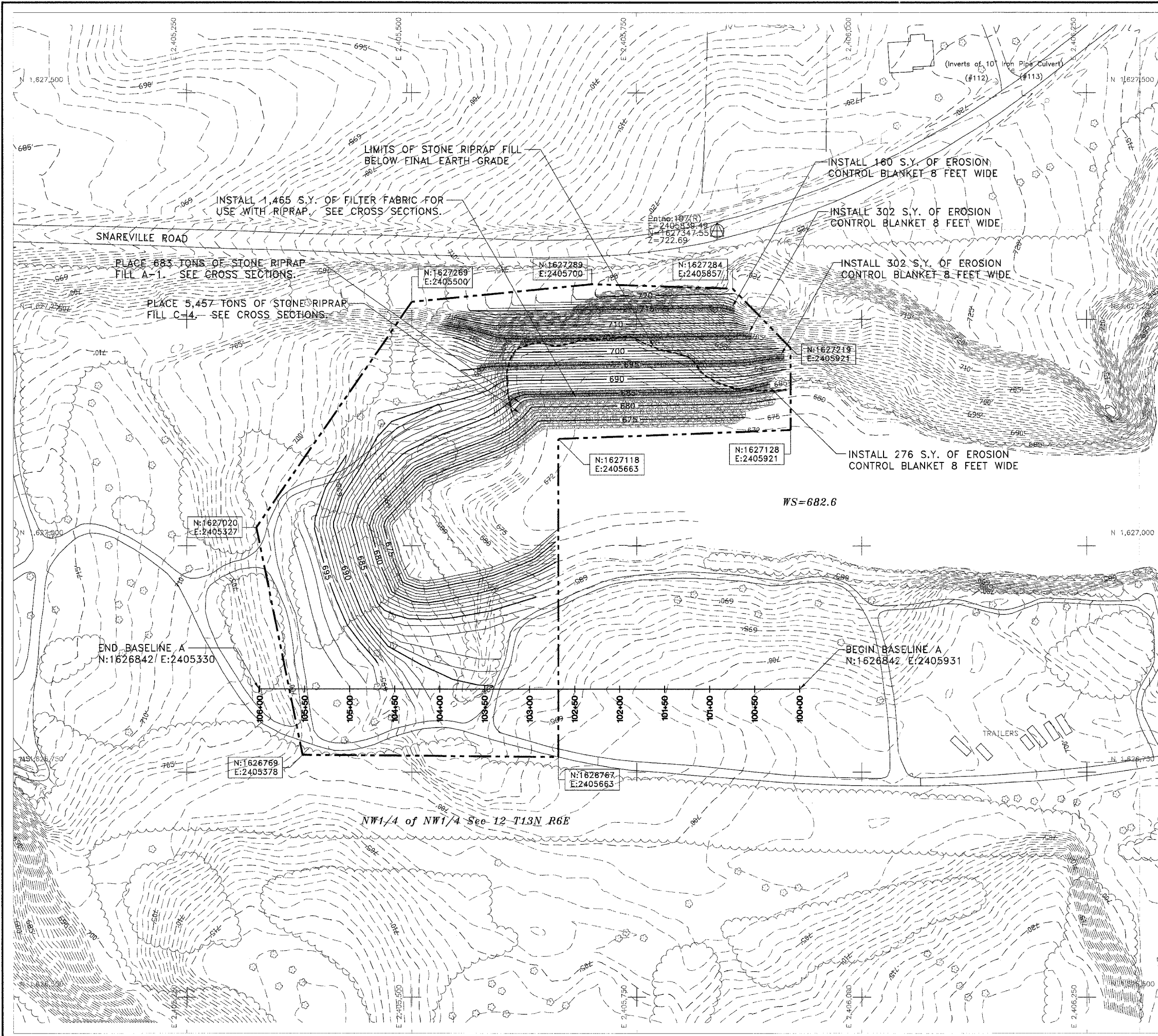
ITEM (unit)	March 1, 2008 – April 20, 2008	June 15, 2008 – July 15, 2008	August 15, 2008 – September 15, 2008	TOTAL QUANTITY
SEEDING (acres)	8.5 Acres			8.5 Acres
AGRICULTURAL GROUND LIMESTONE (tons)	17 Tons 2 Tons/Acre			17 Tons
NITROGEN FERTILIZER NUTRIENT (pounds)	1,020 Pounds 120 Lbs./Acre		1,020 Pounds 120 Lbs./Acre	2,040 Pounds
PHOSPHOROUS FERTILIZER NUTRIENT (pounds)	1,275 Pounds 150 Lbs./Acre		1,275 Pounds 150 Lbs./Acre	2,550 Pounds
POTASSIUM FERTILIZER NUTRIENT (pounds)	2,175 Pounds 250 Lbs./Acre		2,175 Pounds 250 Lbs./Acre	4,250 Pounds
MULCH, METHOD 2 PROCEDURE 1 (acres)	8.5 Acres 2 Tons/Acre			8.5 Acres
MOWING (acres)		8.5 Acres		8.5 Acres

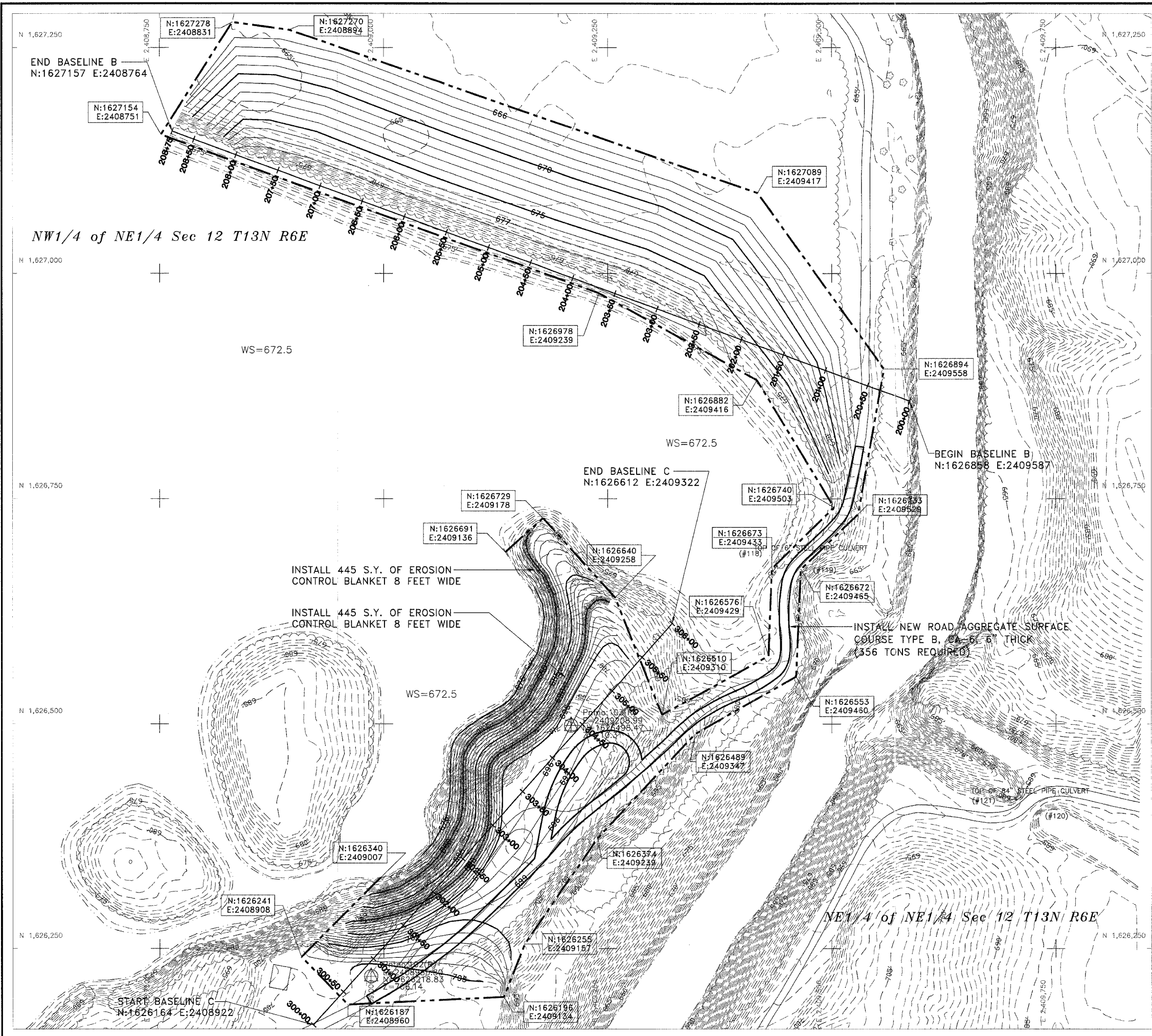
State of Illinois
Department of Natural Resources

Allendale Mine
Reclamation Project
AML-GSkE-0601
Stark County

Date: July 17, 2007
Drawn By: _____
Checked By: _____

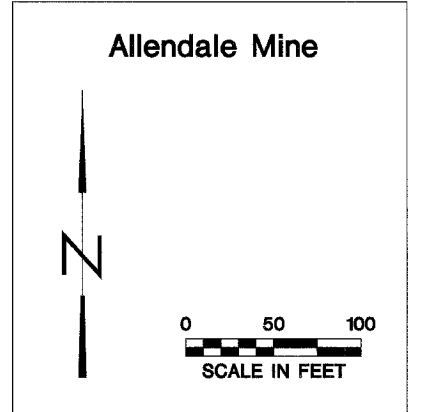
Summary of Quantities/
General Notes/Location Map
Sheet
2 of 20






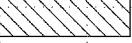


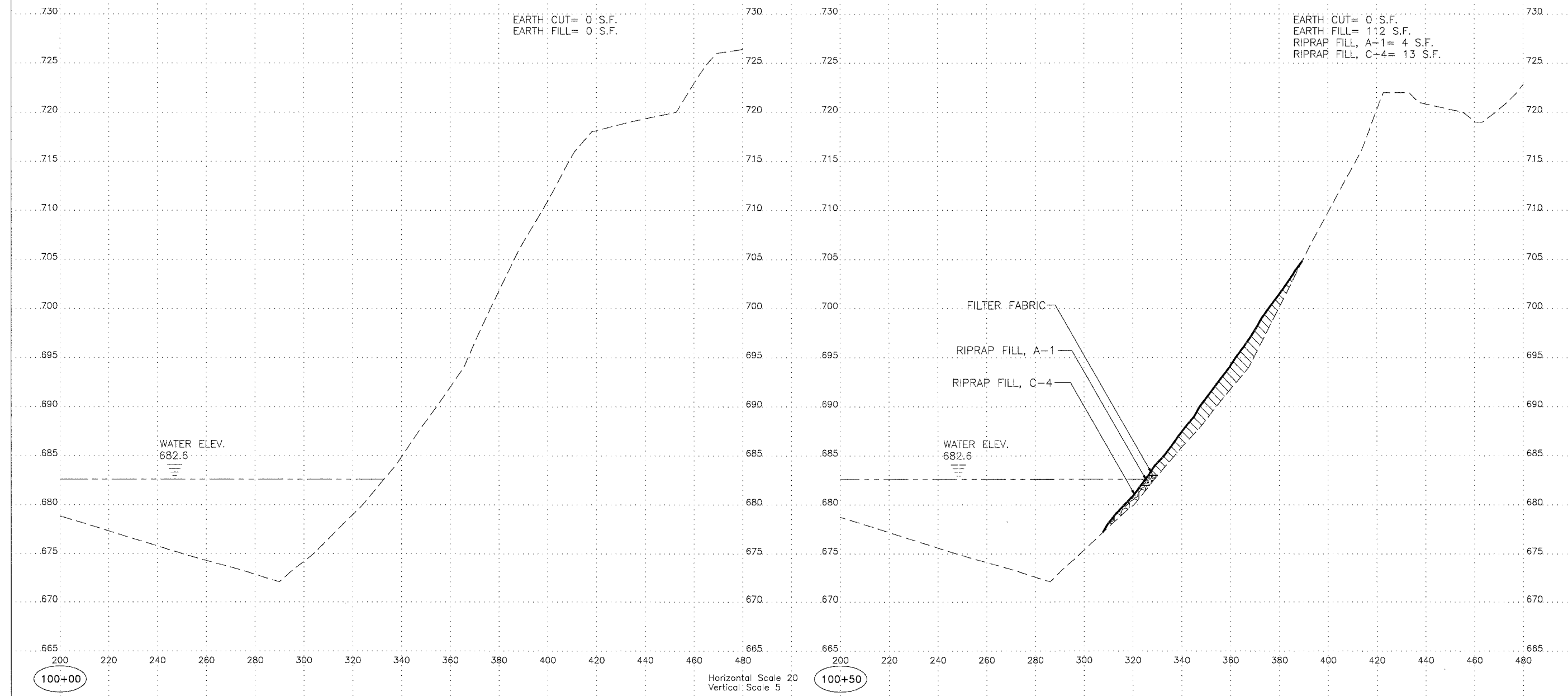
--- 600' ---	EXISTING CONTOUR
— 650 —	PROPOSED CONTOUR
---	CONSTRUCTION LIMITS
---	EDGE OF ROAD
~~~~~	TREELINE
---	EDGE OF WATER
⊙	SURVEY CONTROL POINT

Legend



**Allendale Mine  
Reclamation Project  
AML-GSKE-0601  
Stark County**

	EXISTING GRADE
	PROPOSED GRADE
	EARTH CUT
	EARTH FILL
Legend	

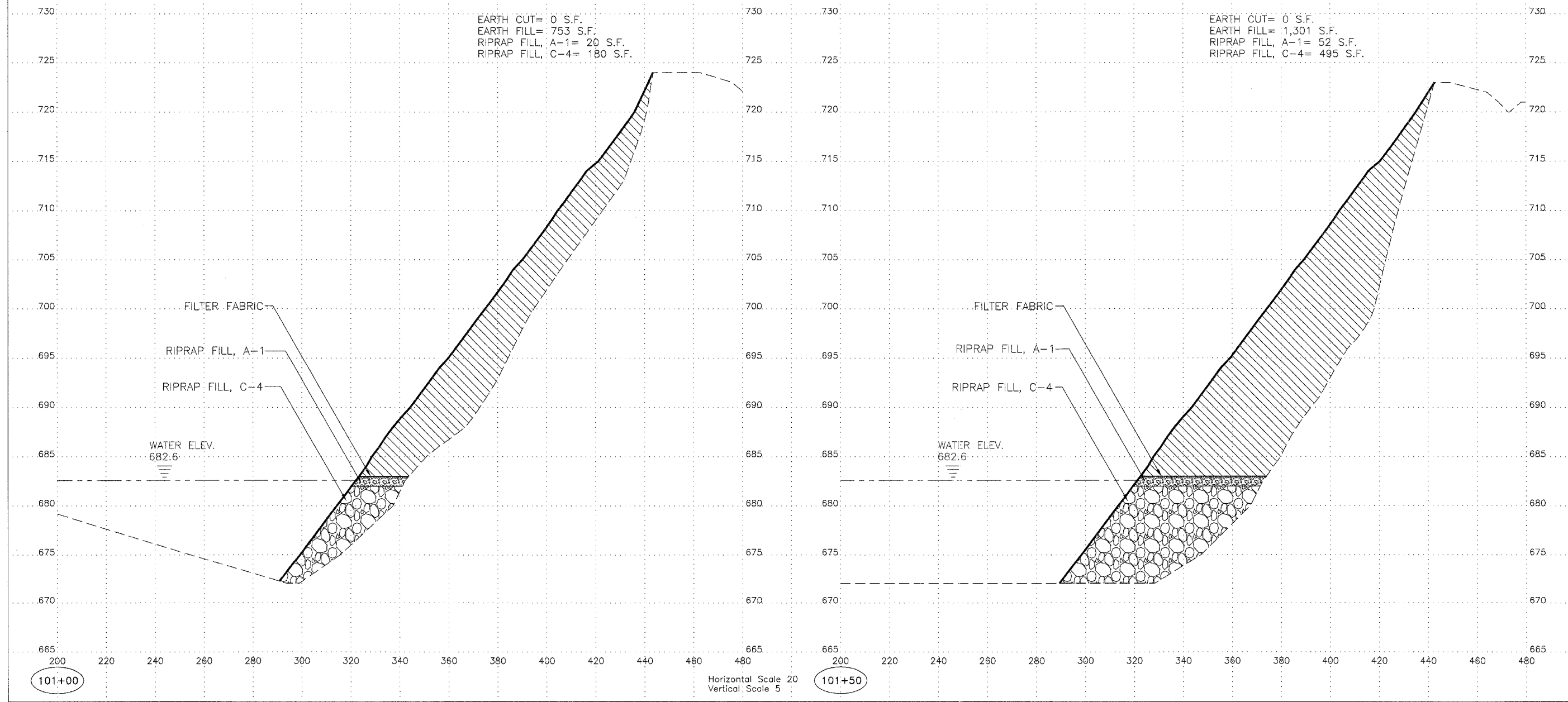
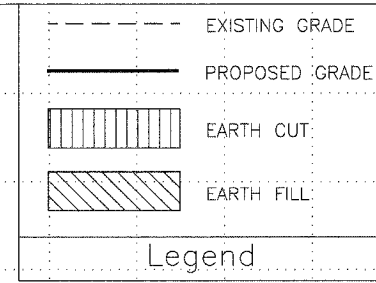


100+00




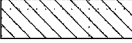
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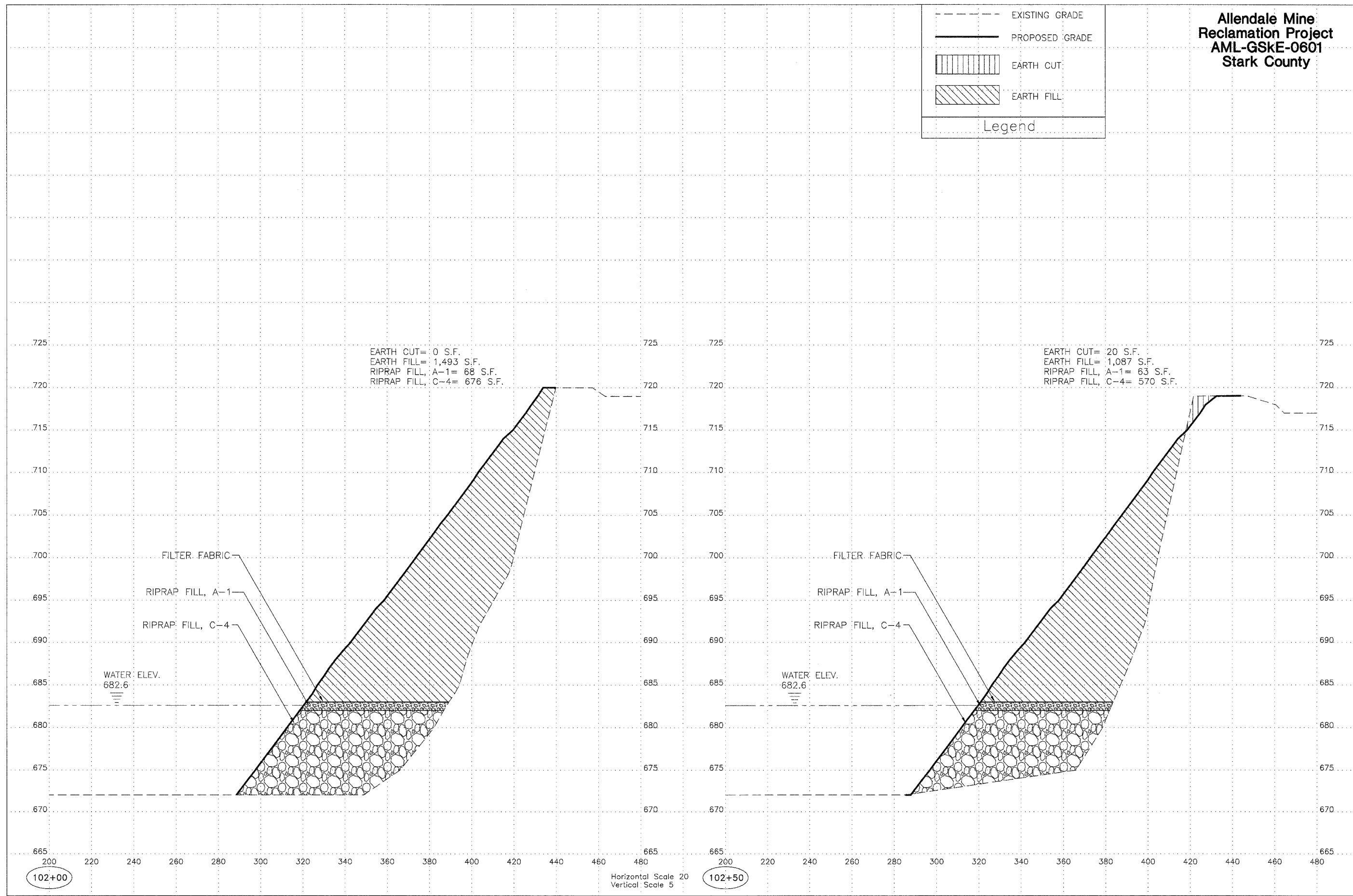
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**Allendale Mine  
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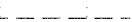

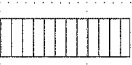
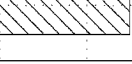


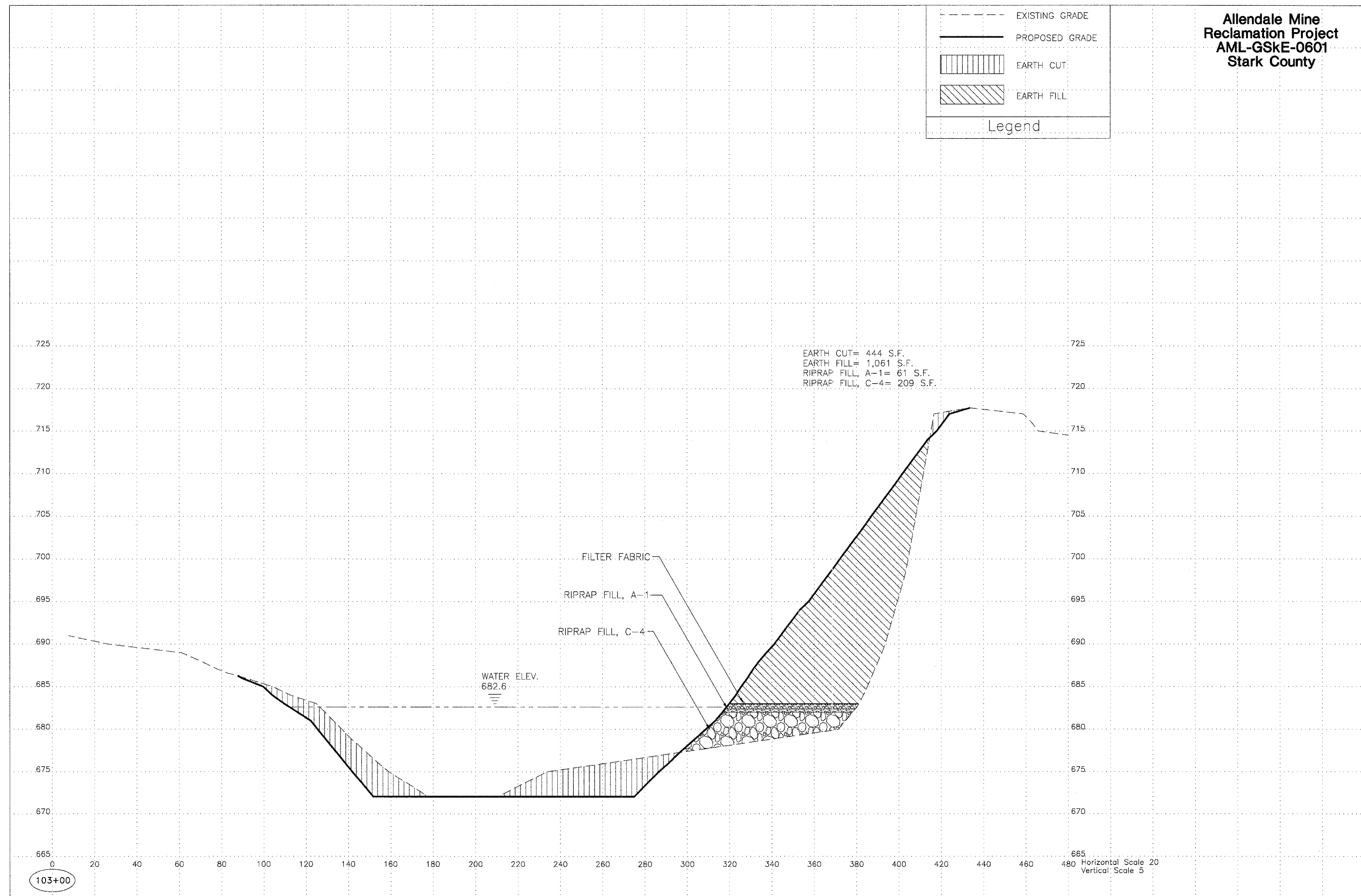
**Allendale Mine  
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	EXISTING GRADE
	PROPOSED GRADE
	EARTH CUT
	EARTH FILL
Legend	



**Allendale Mine  
Reclamation Project  
AML-GSKE-0601  
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	EXISTING GRADE
	PROPOSED GRADE
	EARTH CUT
	EARTH FILL
Legend	

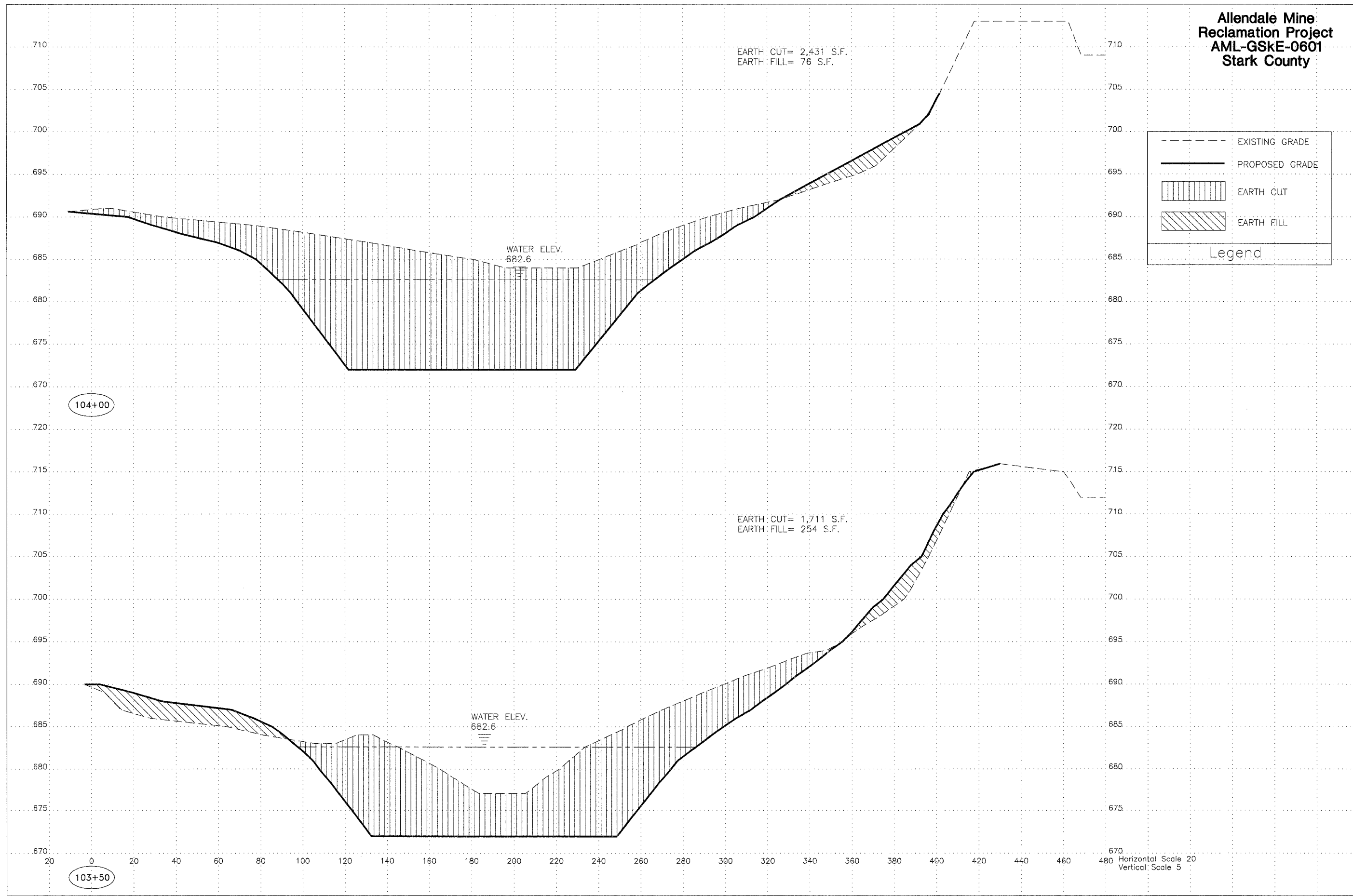


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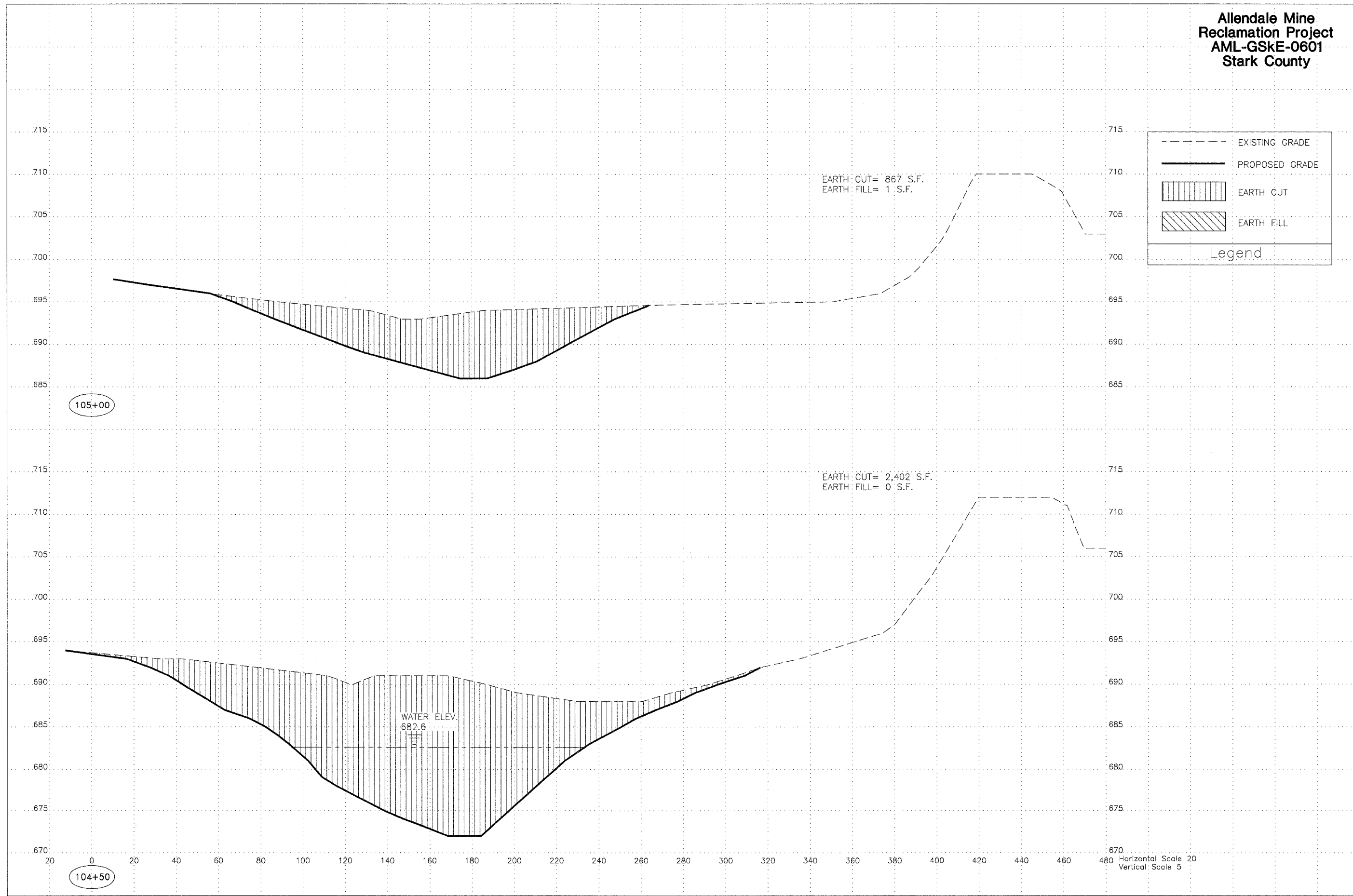
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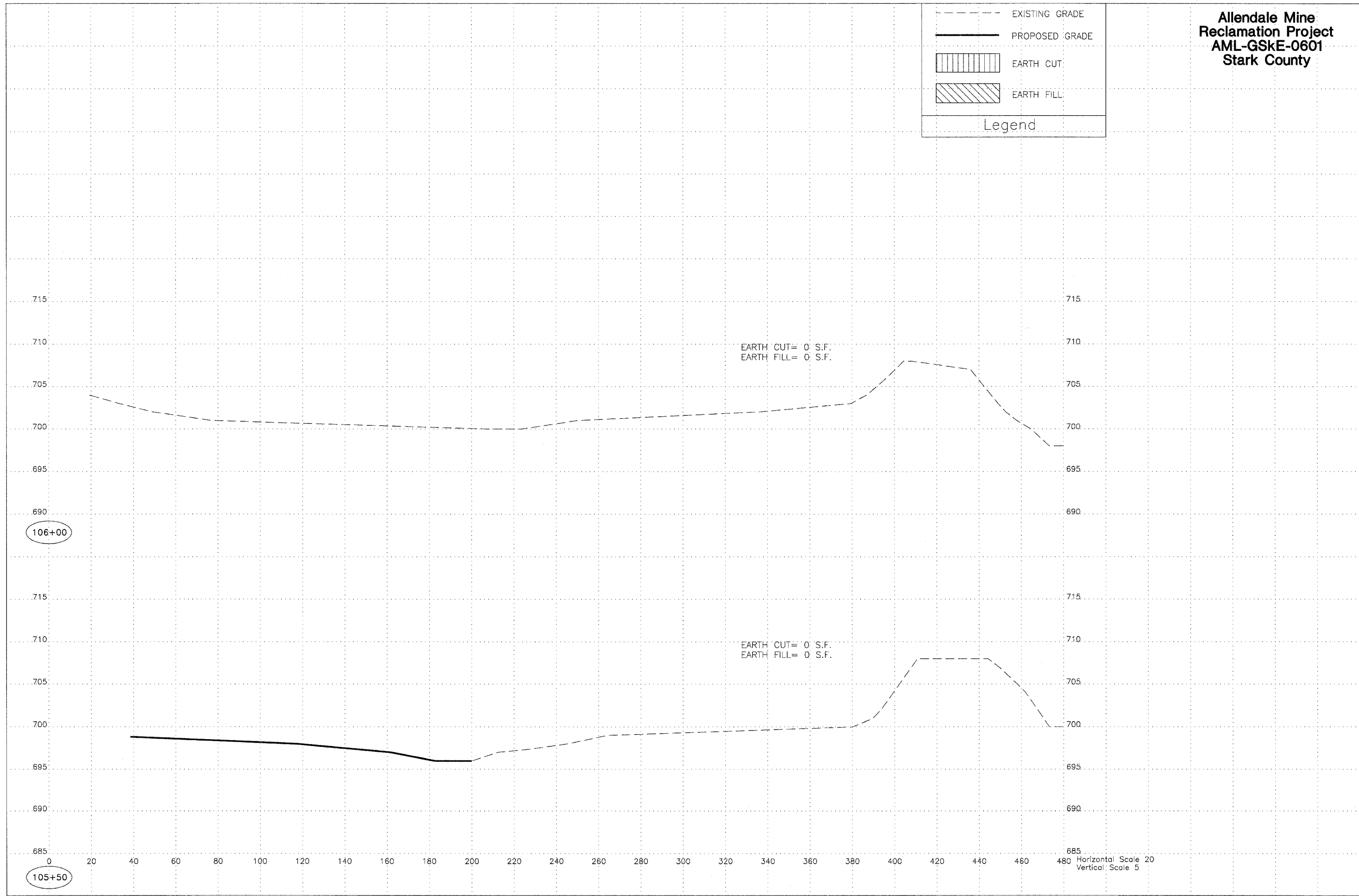
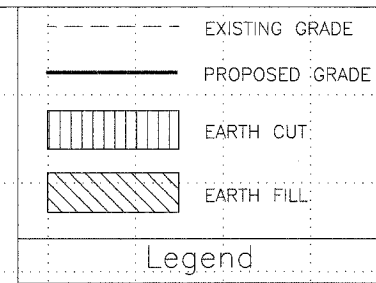


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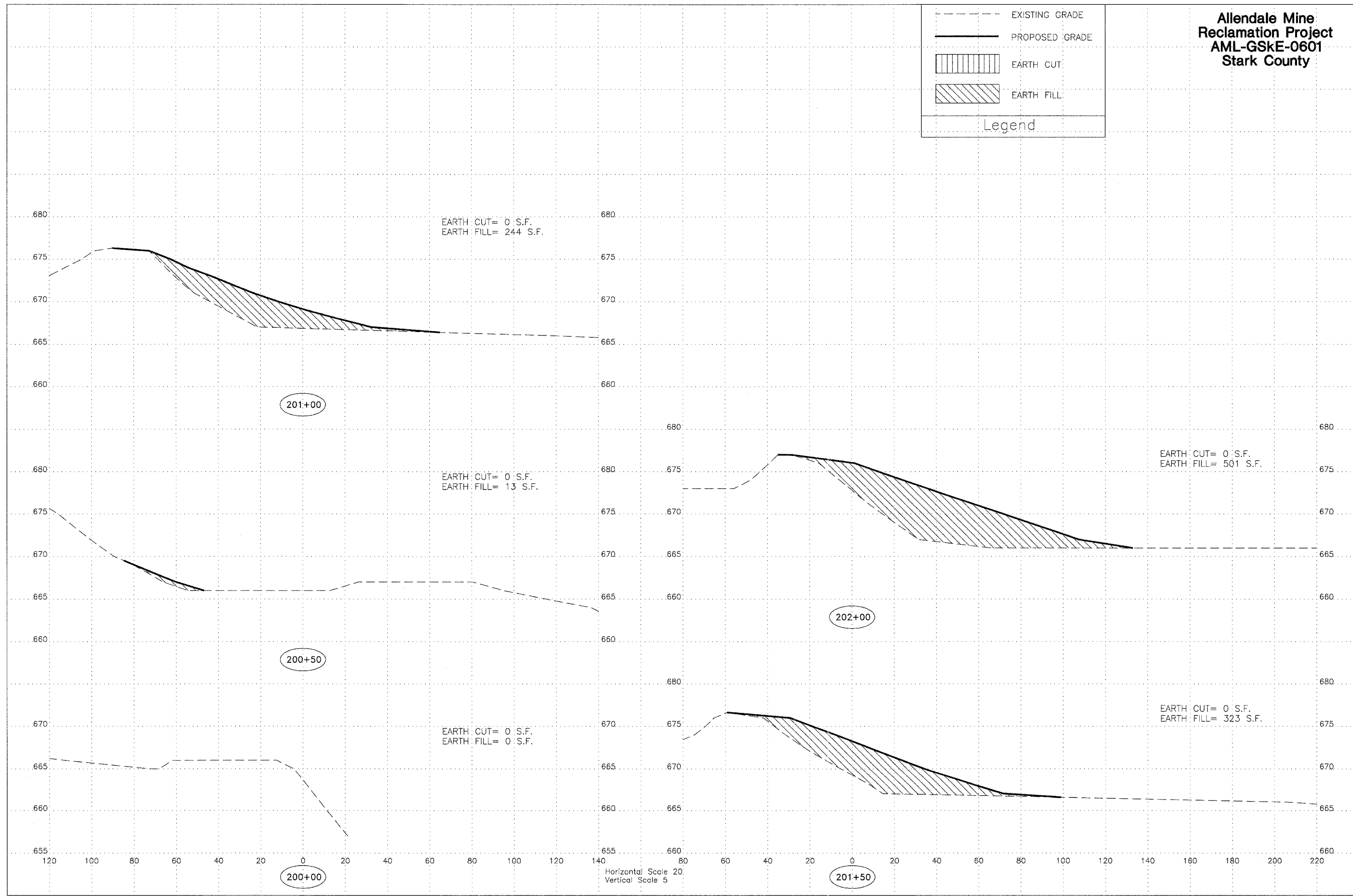
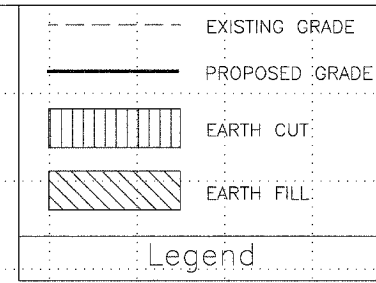


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 EARTH FILL= 0 S.F.

EARTH CUT= 0 S.F.  
 EARTH FILL= 0 S.F.

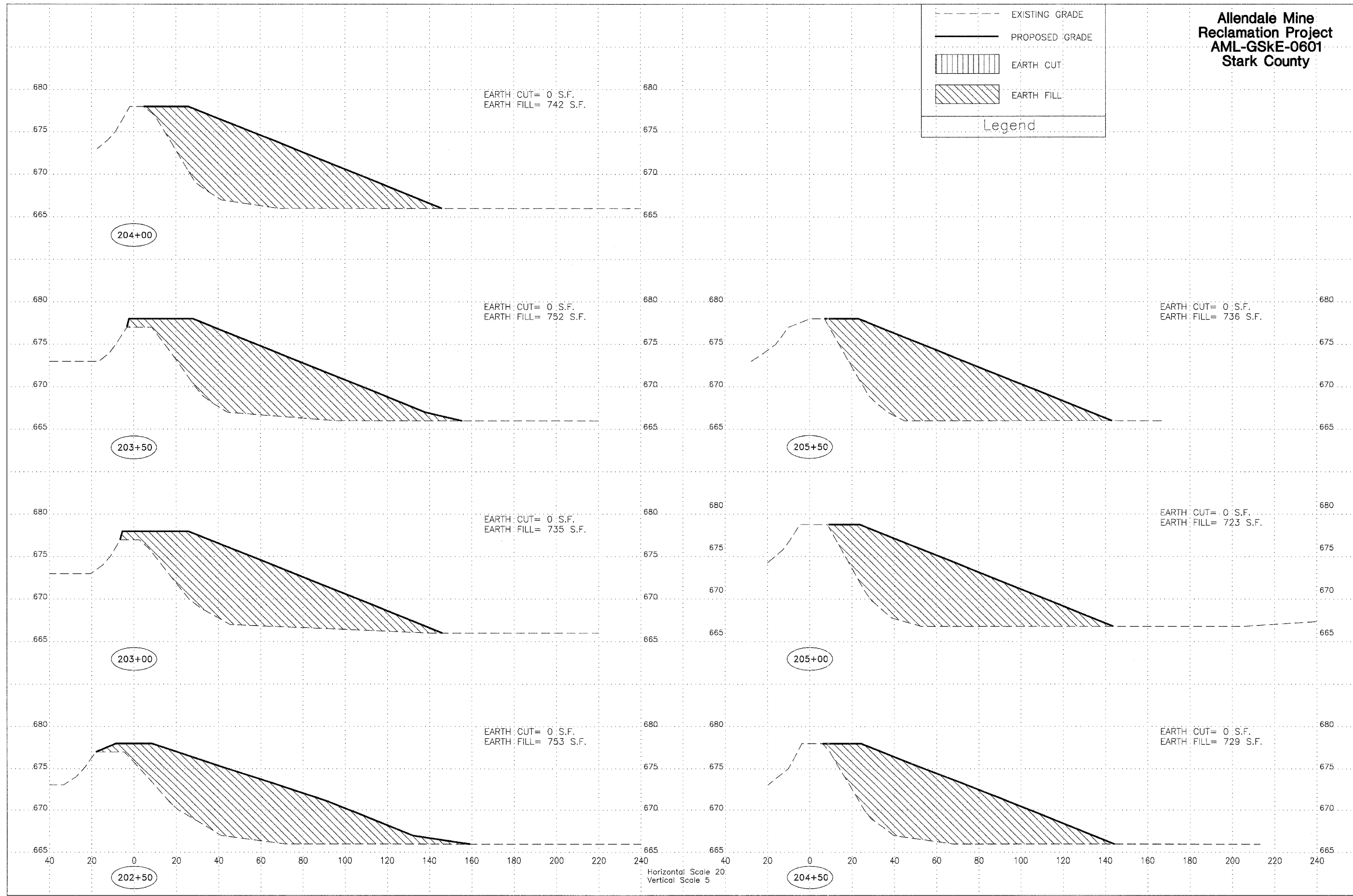
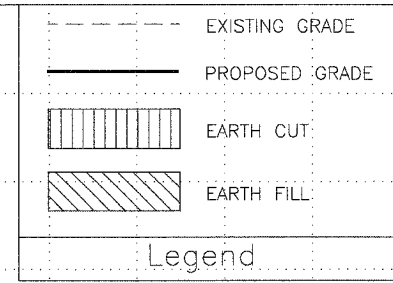
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**Allendale Mine  
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Stark County**

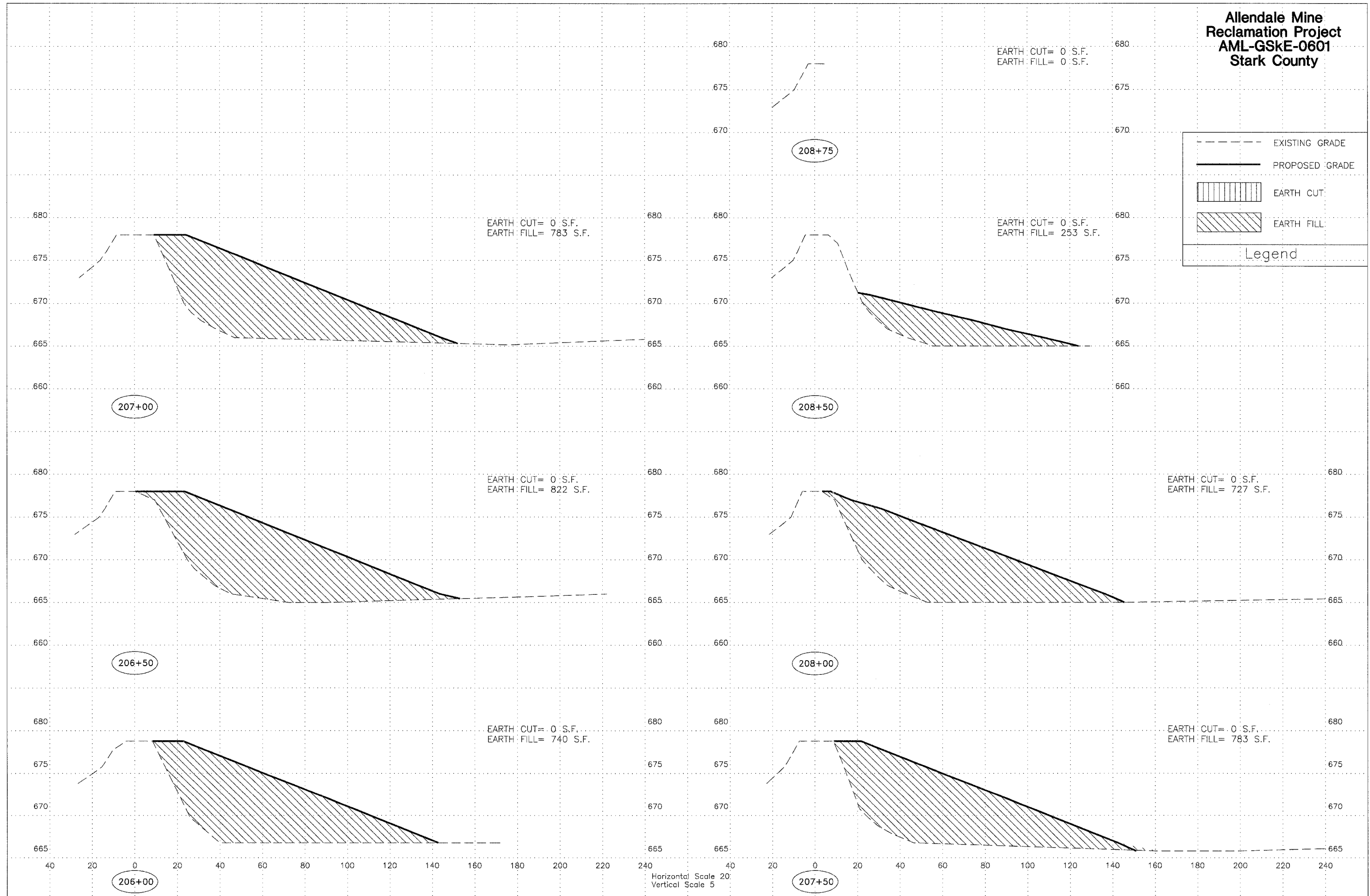
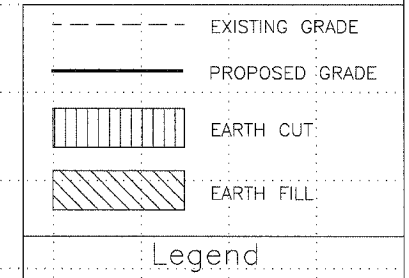


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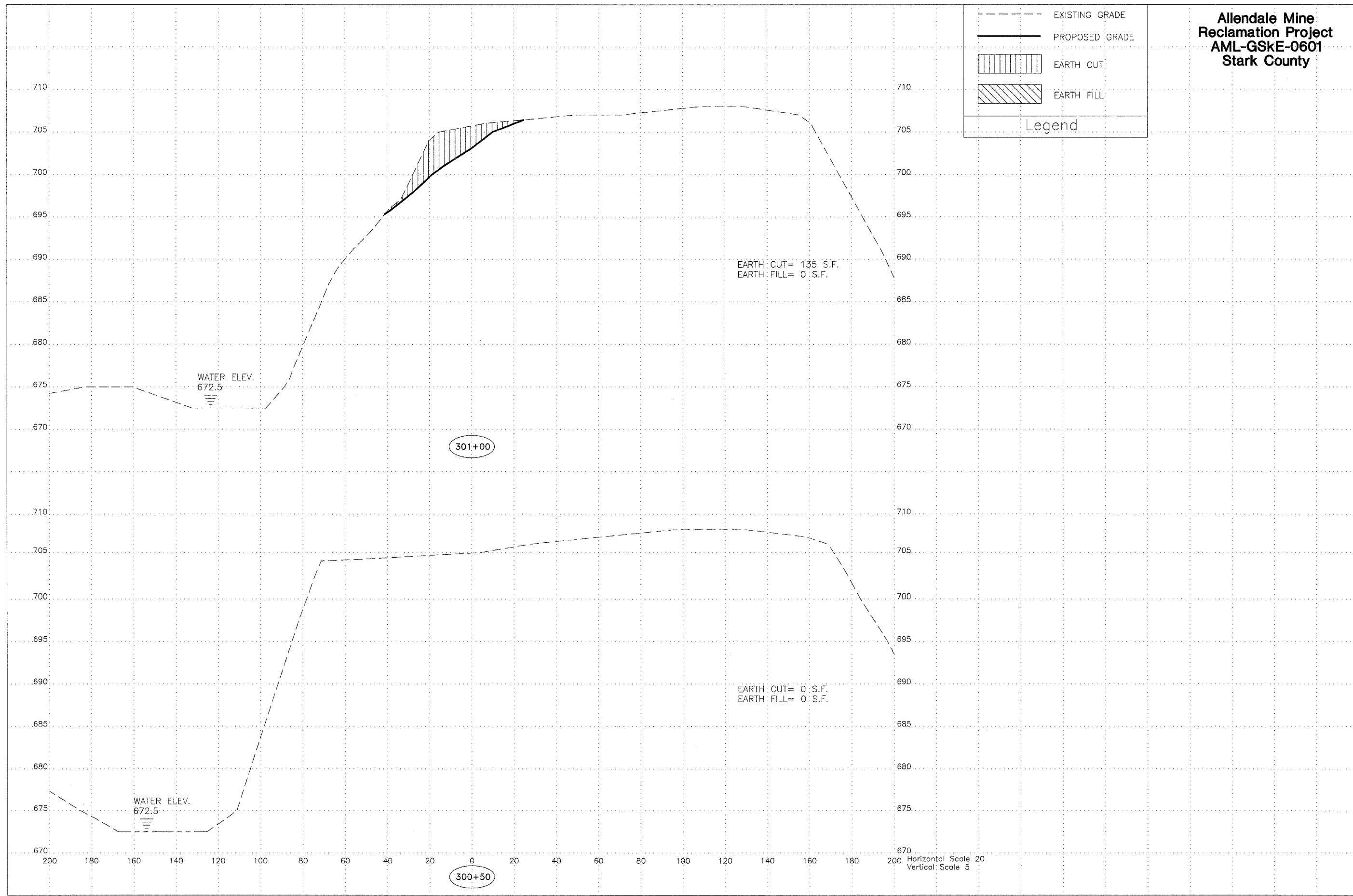
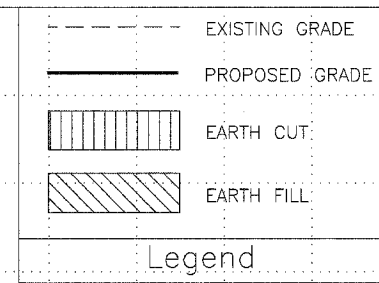
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Stark County**



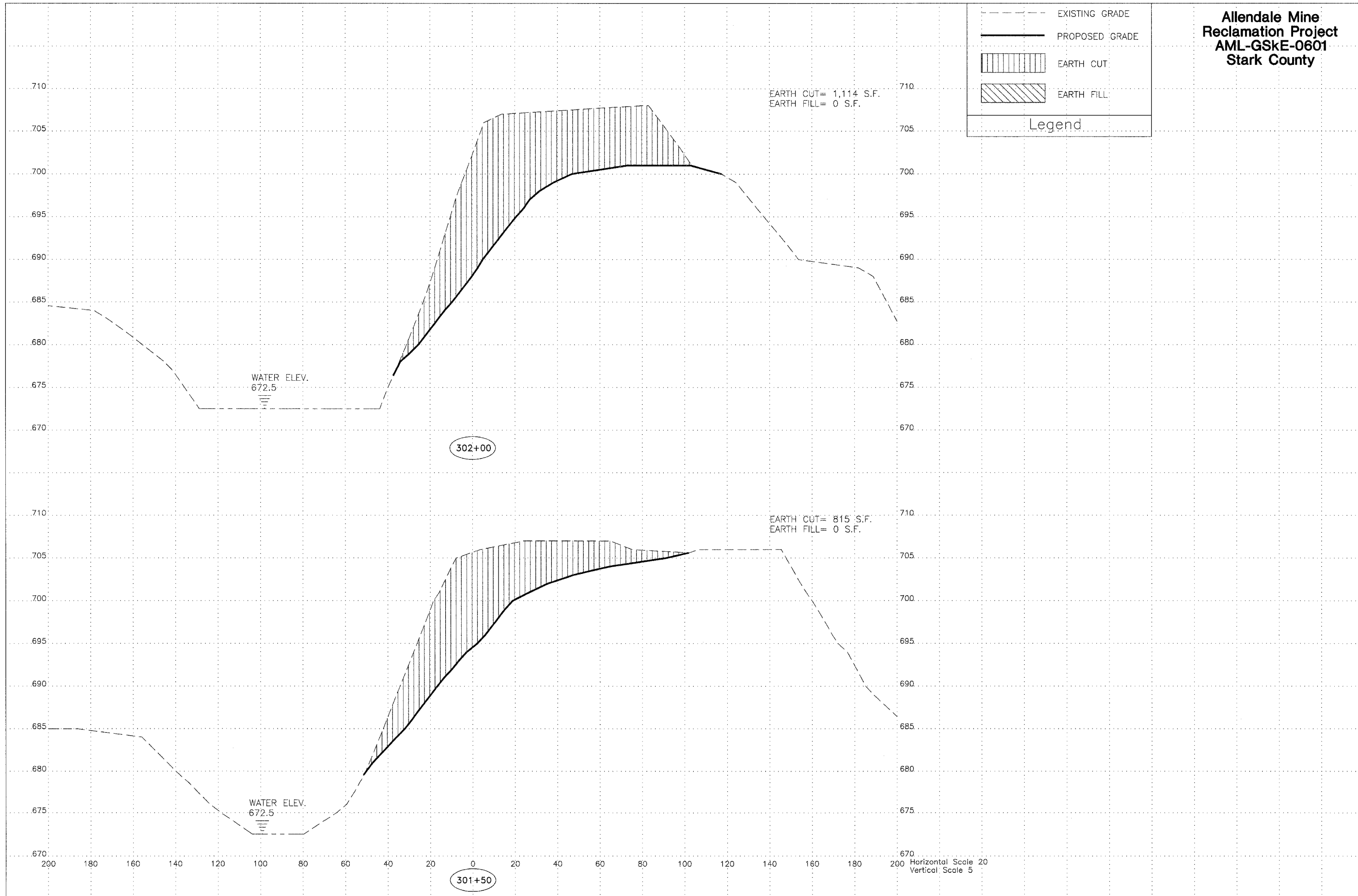
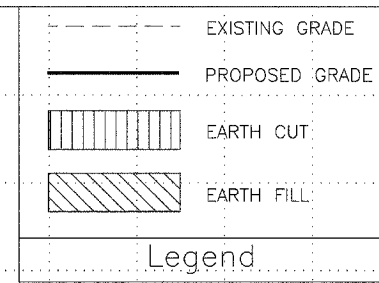
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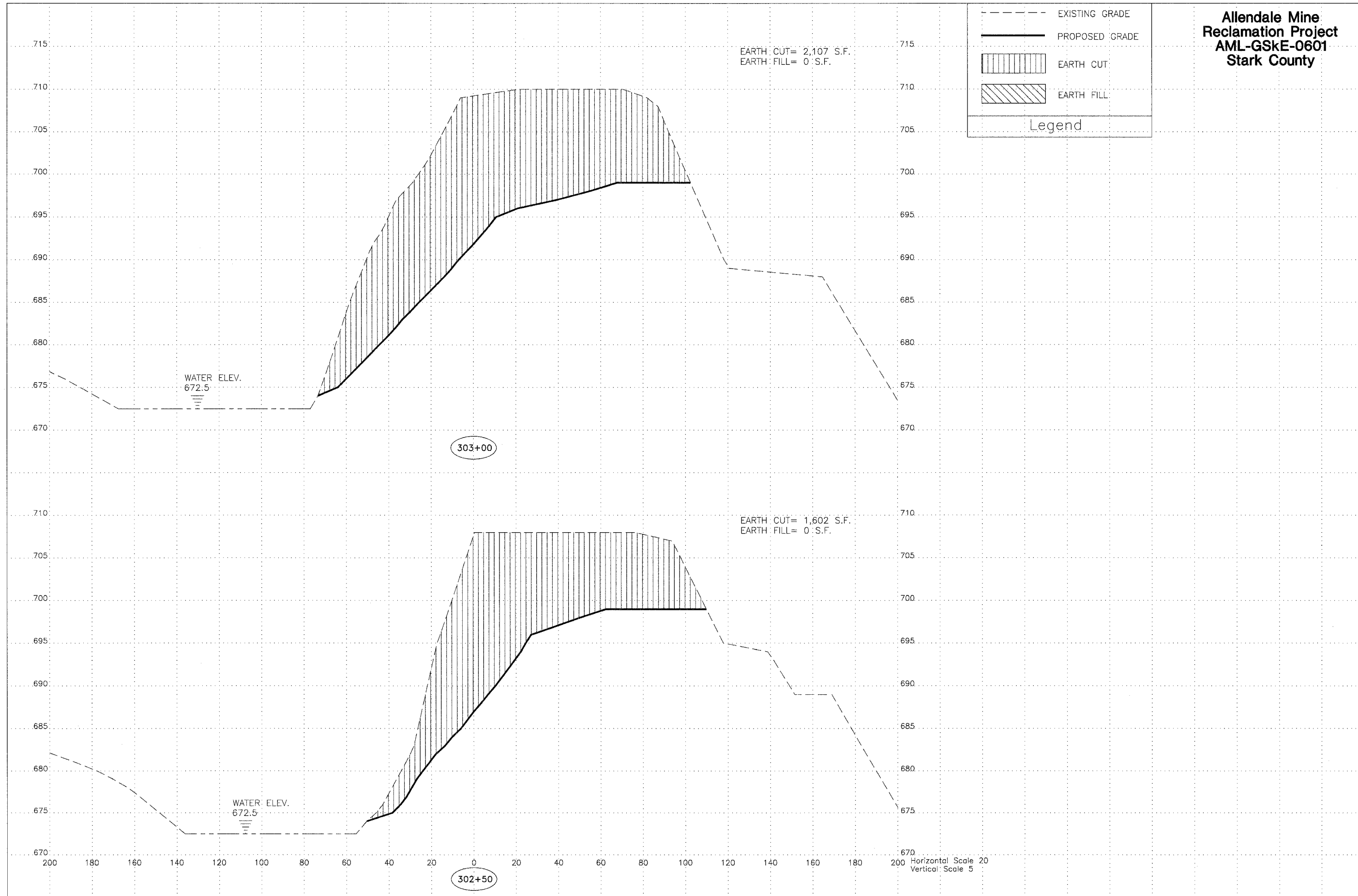
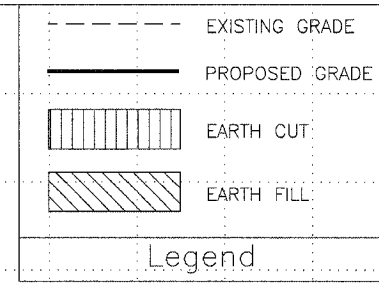


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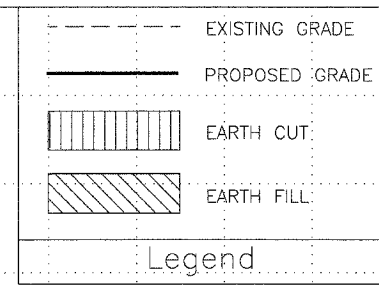




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AML-GSkE-0601  
Stark County**



EARTH CUT= 1,968 S.F.  
EARTH FILL= 0 S.F.

WATER ELEV.  
672.5

304+00

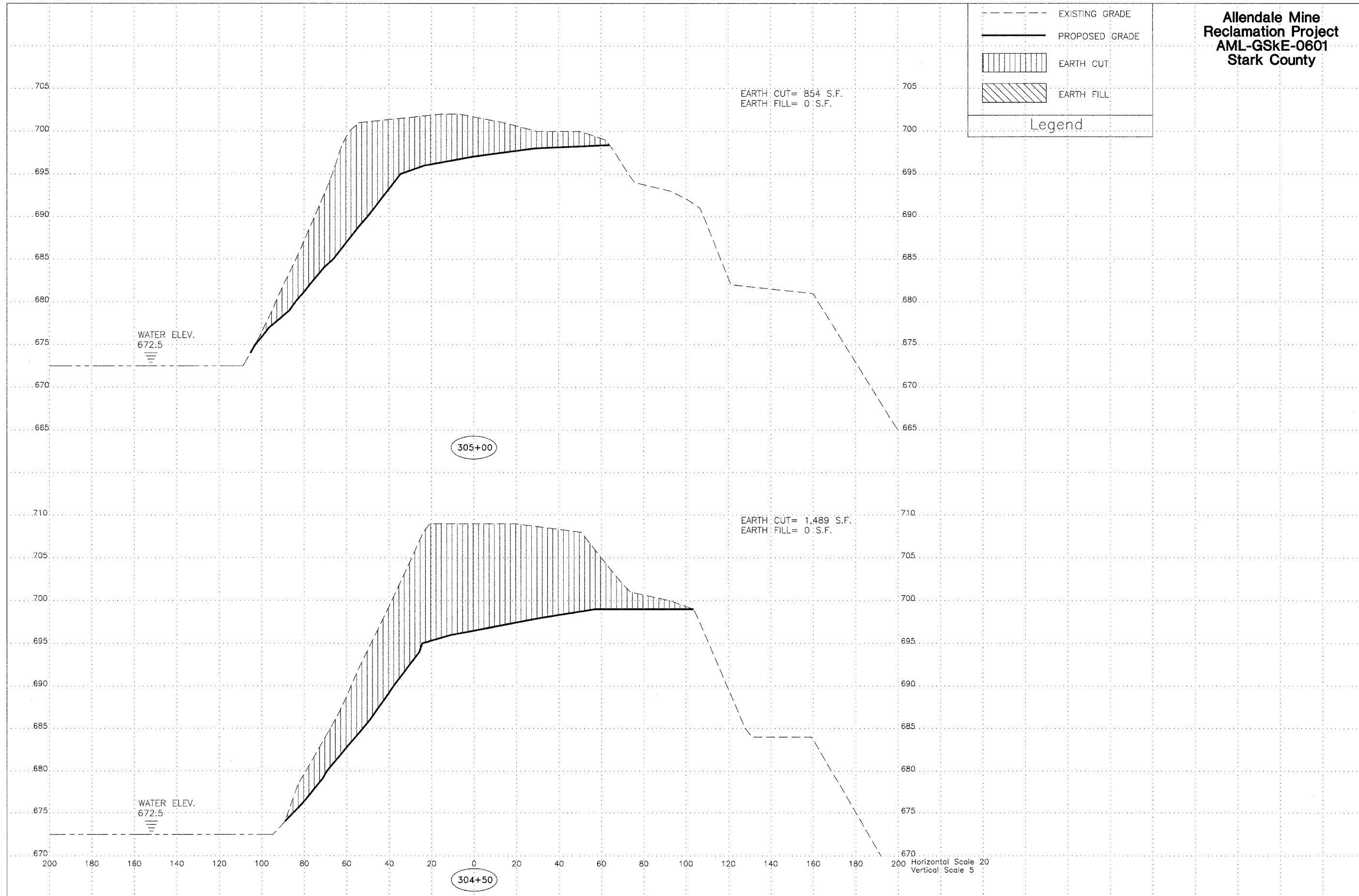
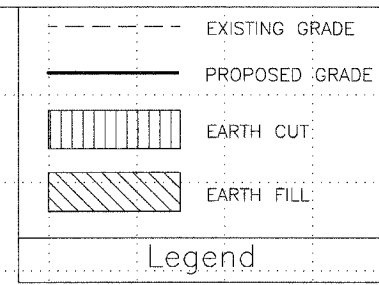
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WATER ELEV.  
672.5

303+50

Horizontal Scale 20  
Vertical Scale 5

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