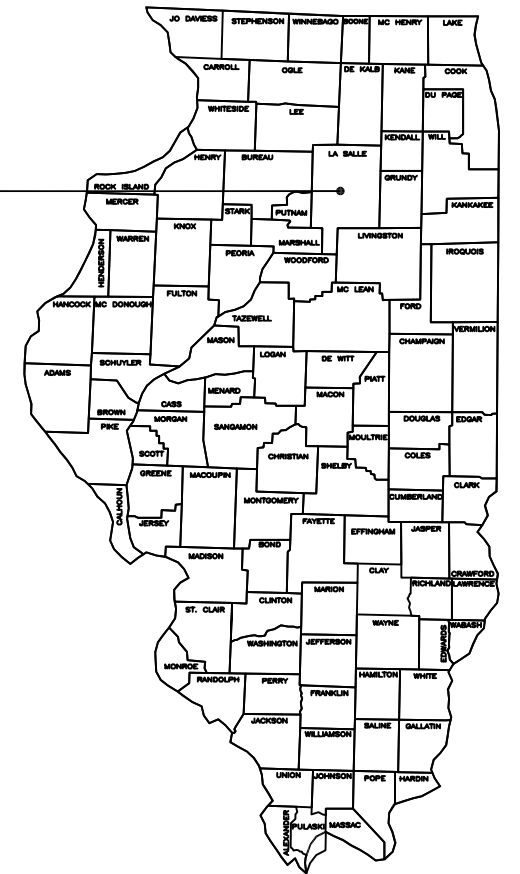


**State of Illinois**  
**Department of Natural Resources**  
**Office of Mines and Minerals**  
**Division of Abandoned Mined Lands**

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

Osage Coal Co.  
 Reclamation Project  
 AML-GLsE-0903  
 La Salle County  
 1LR

Osage Coal Co.  
 La Salle County




Pre-Bid Meeting:  
 A Pre-bid meeting is scheduled for this project  
 at 9:00 A.M., Wednesday, November 9, 2011 at the site.

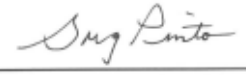
**Certified Copy**


SCHEDULE OF DRAWINGS:


1. Cover Sheet
2. Summary of Quantities/General Notes/Location Map
- 3-6. Existing and Proposed Conditions
- 7-21. Cross Sections

Prepared By IDNR Staff

Approved for Bidding:  
  
 Joseph R. Angleton, Director  
 Office of Mines and Minerals

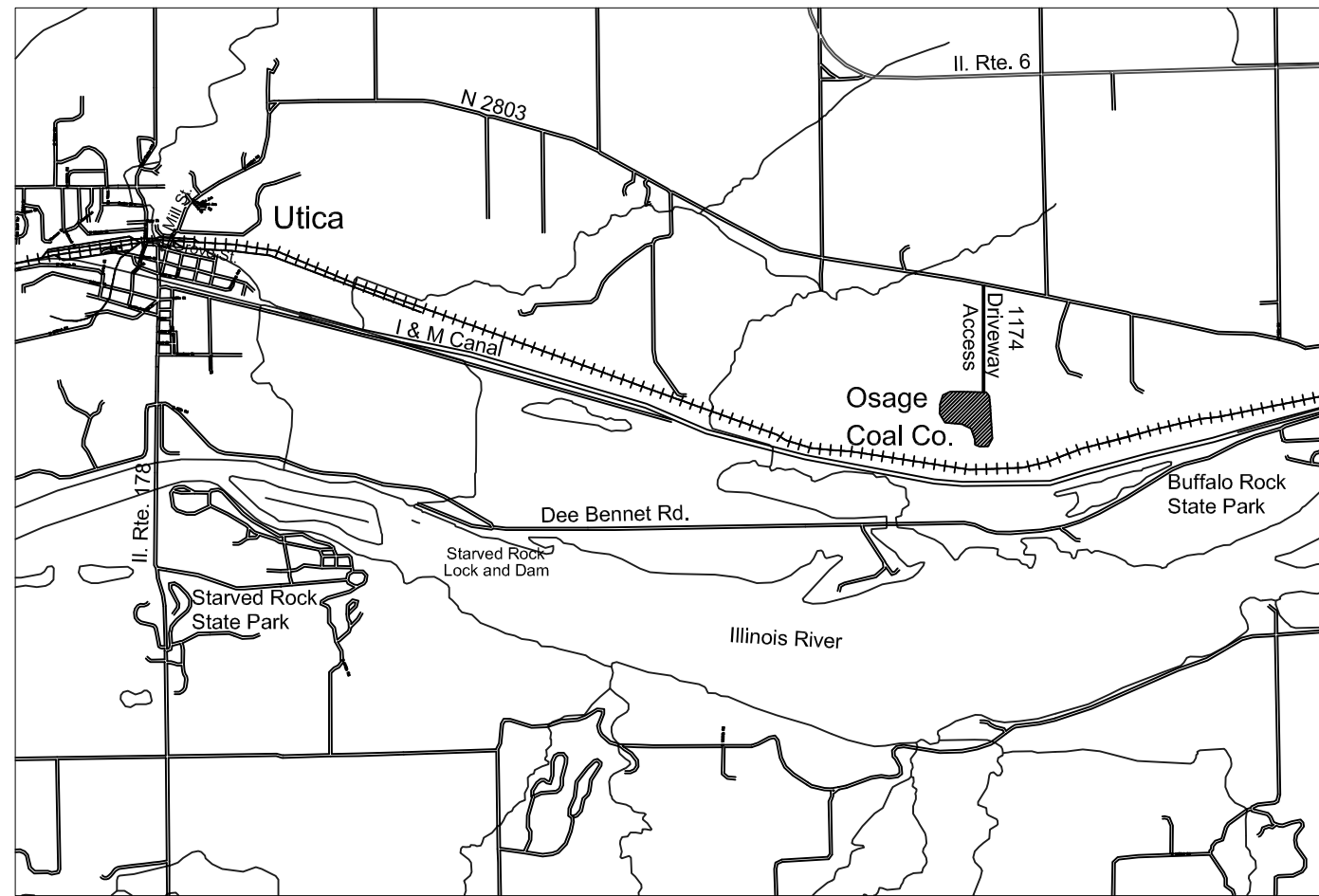
Approved By:  
  
 Greg Pinto, Acting Manager  
 AML Division

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	197,707	C.Y.	Compaction in Accordance with 205
3	Seeding	250	40.8	Acre	See Schedule - This Sheet
4	Nitrogen Fertilizer Nutrient	250	4,896	Pound	See Schedule - This Sheet
5	Phosphorous Fertilizer Nutrient	250	6,528	Pound	See Schedule - This Sheet
6	Potassium Fertilizer Nutrient	250	12,240	Pound	See Schedule - This Sheet
7	Agricultural Ground Limestone	250	81.6	Ton	See Schedule - This Sheet
8	Mulch, Method 2, Procedure 1	IDOT 251	40.8	Acre	See Schedule - This Sheet
9	Incorporation - Limestone and Mulch	256	1,224	Ton	30 Tons/Acre <small>See Special Provisions for Incorporation Method</small>
10	Mowing	258	40.8	Acre	See Schedule - This Sheet
11	Biosolid Placement	260	30	Acre	100 Tons/Acre
12	Perimeter Erosion Barrier	280	703	Foot	Silt Fence
13	Stone Riprap A-4	IDOT 281	611	S.Y.	
14	Filter Fabric for use w/Riprap	IDOT 282	611	S.Y.	
15	Special Excelsior Blanket	286	2,552	S.Y.	
16	Aggregate Surface Course, Type B, CA-1	IDOT 402	240	Ton	
17	Aggregate Surface Course, Type B, CA-6	IDOT 402	1,140	Ton	
18	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. All tree removal shall be completed before April 1, 2012.

**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

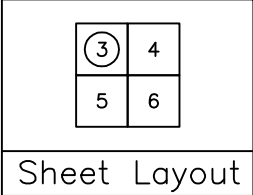
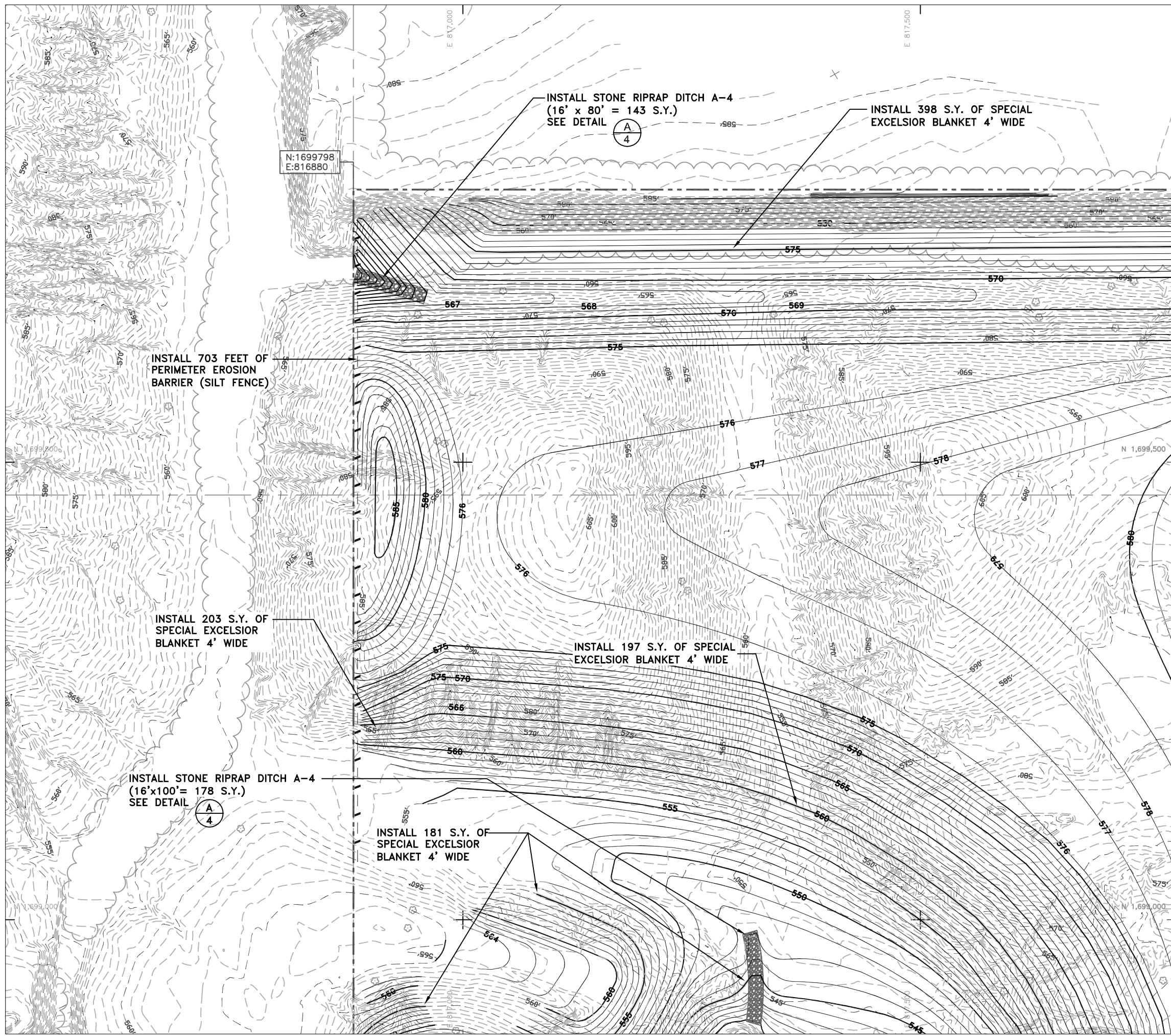
ITEM (unit)	August 1, 2012 - Sept. 1, 2012	April 15, 2013 - May 15, 2013	May 1, 2013 - June 1, 2013	TOTAL QUANTITY
SEEDING (acres)	40.8			40.8 Acres
AGRICULTURAL GROUND LIMESTONE (tons)	81.6 2 Tons/Acre			81.6 Tons
NITROGEN FERTILIZER NUTRIENT (pounds)			4,896 120 Pounds/Acre	4,896 Pounds
PHOSPHOROUS FERTILIZER NUTRIENT (pounds)	3,264 80 Pounds/Acre		3,264 80 Pounds/Acre	6,528 Pounds
POTASSIUM FERTILIZER NUTRIENT (pounds)	6,120 150 Pounds/Acre		6,120 150 Pounds/Acre	12,240 Pounds
MULCH, METHOD 2 PROCEDURE 1 (Acres)	40.8 2 Tons/Acre			40.8 Acres
MOWING (acres)		40.8 Acres		40.8 Acres

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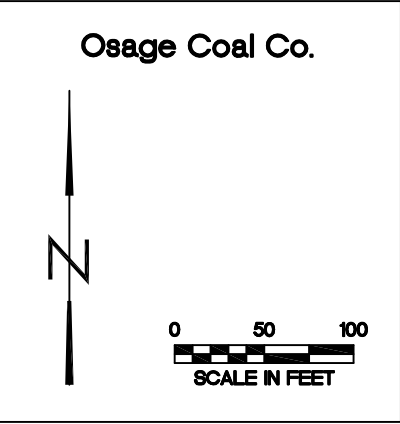
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Checked By: \_\_\_\_\_

Summary of Quantities/  
General Notes/Location Map  
Sheet  
2 of 21



--- 400 ---	EXISTING CONTOUR
— 400 —	PROPOSED CONTOUR
---	CONSTRUCTION LIMITS
---	EDGE OF ROAD
~~~~~	TREELINE
---	EDGE OF WATER
⊕	SURVEY CONTROL POINT

Legend

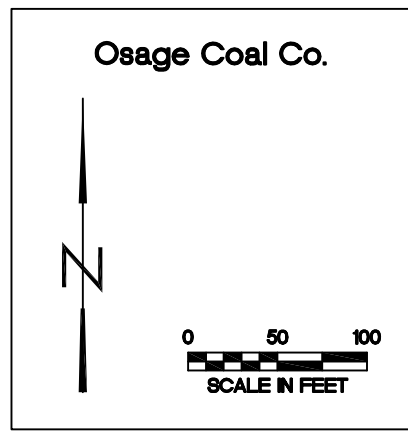
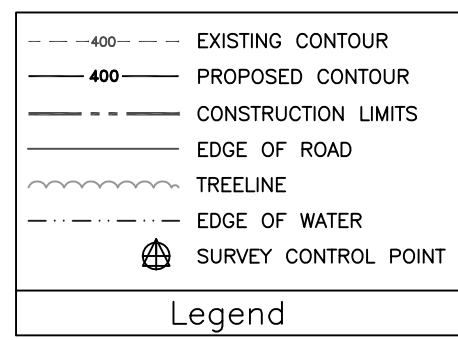
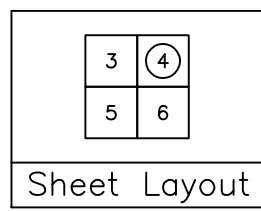
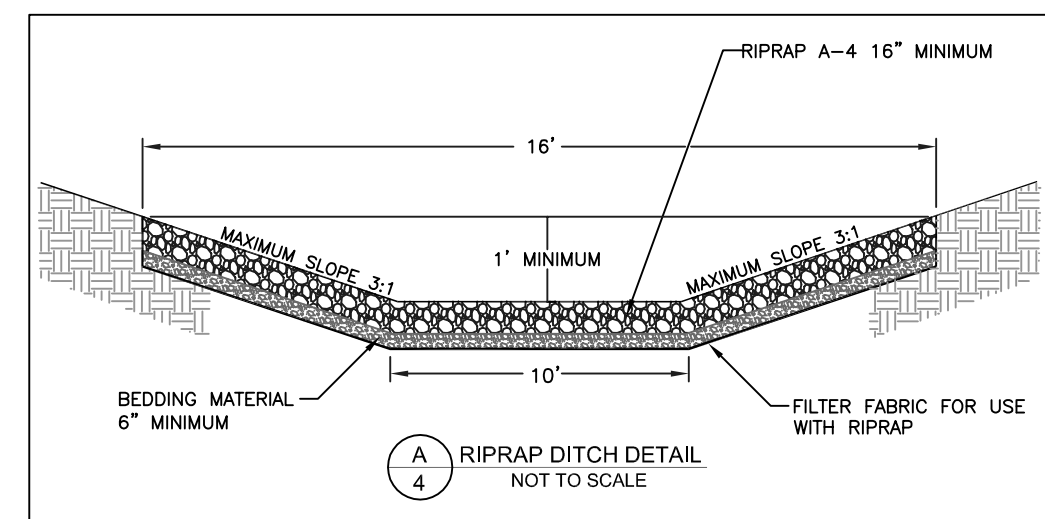
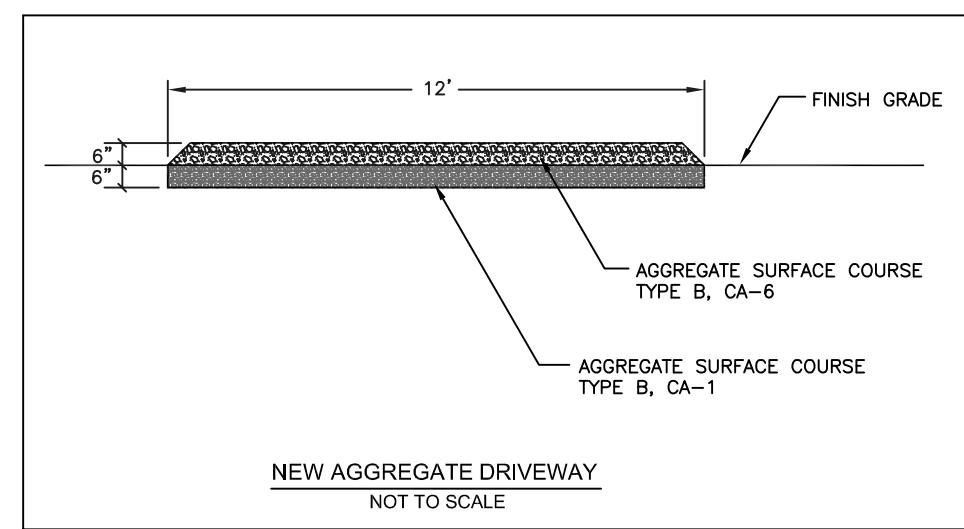
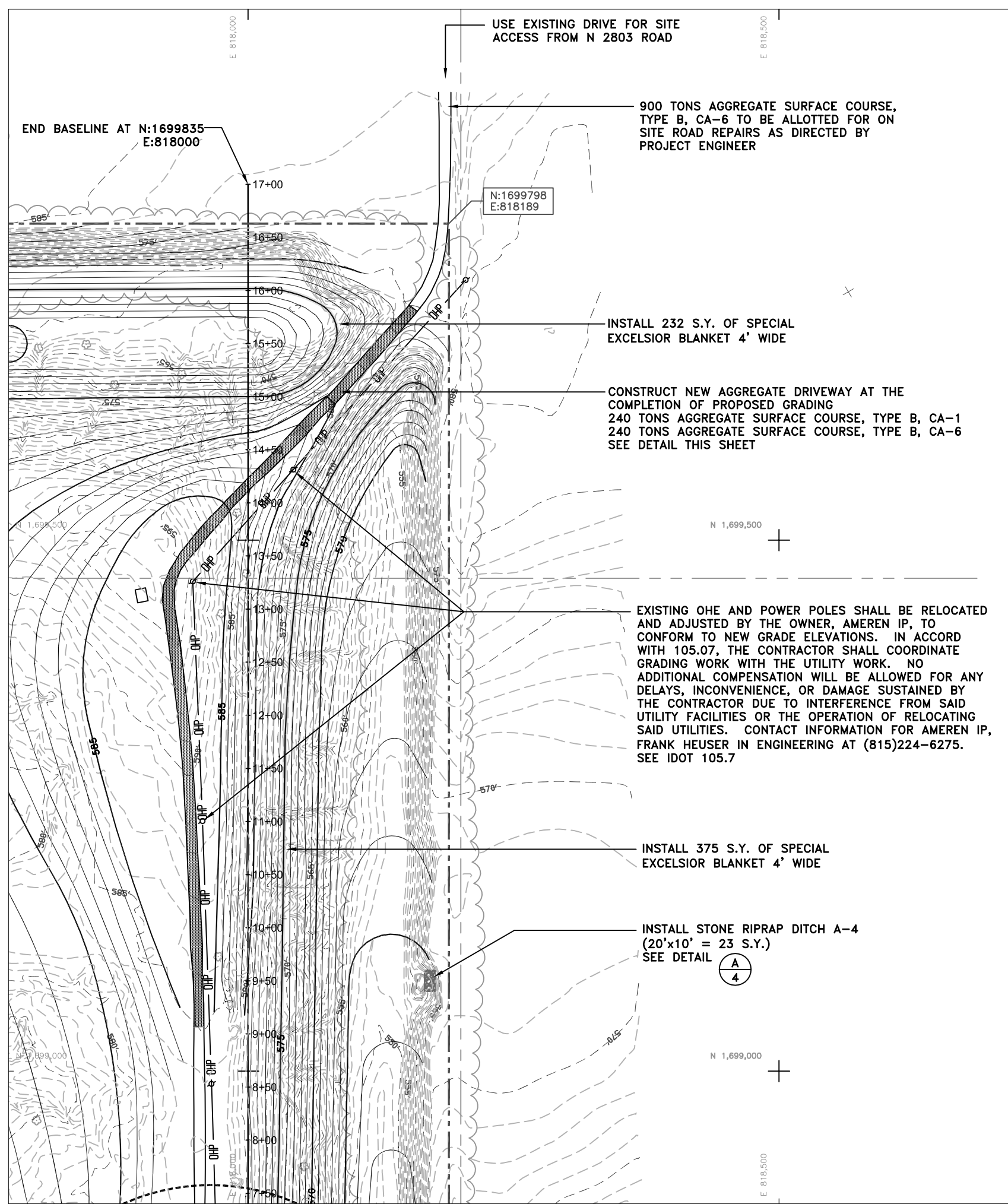


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Drawn By: \_\_\_\_\_ Date: 9/30/2011  
Checked By: \_\_\_\_\_

Existing + Proposed  
Conditions  
Sheet  
3 of 21



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La Salle County

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Checked By: \_\_\_\_\_

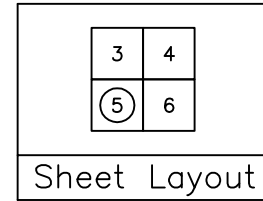
Existing + Proposed  
Conditions  
Sheet  
4 of 21





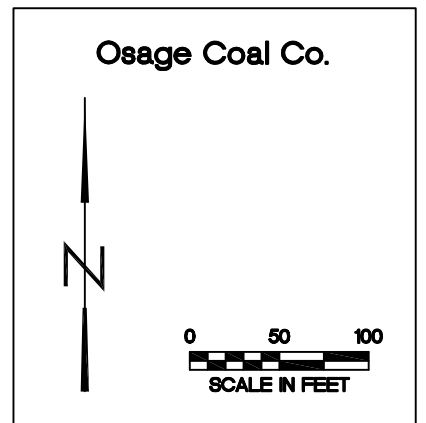
INSTALL 161 S.Y. OF SPECIAL EXCELSIOR BLANKET 4' WIDE

INSTALL 182 S.Y. OF SPECIAL EXCELSIOR BLANKET 4' WIDE



	EXISTING CONTOUR
	PROPOSED CONTOUR
	CONSTRUCTION LIMITS
	EDGE OF ROAD
	TREELINE
	EDGE OF WATER
	SURVEY CONTROL POINT

Legend

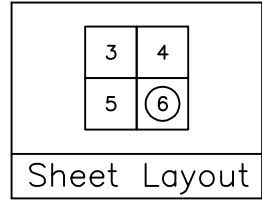
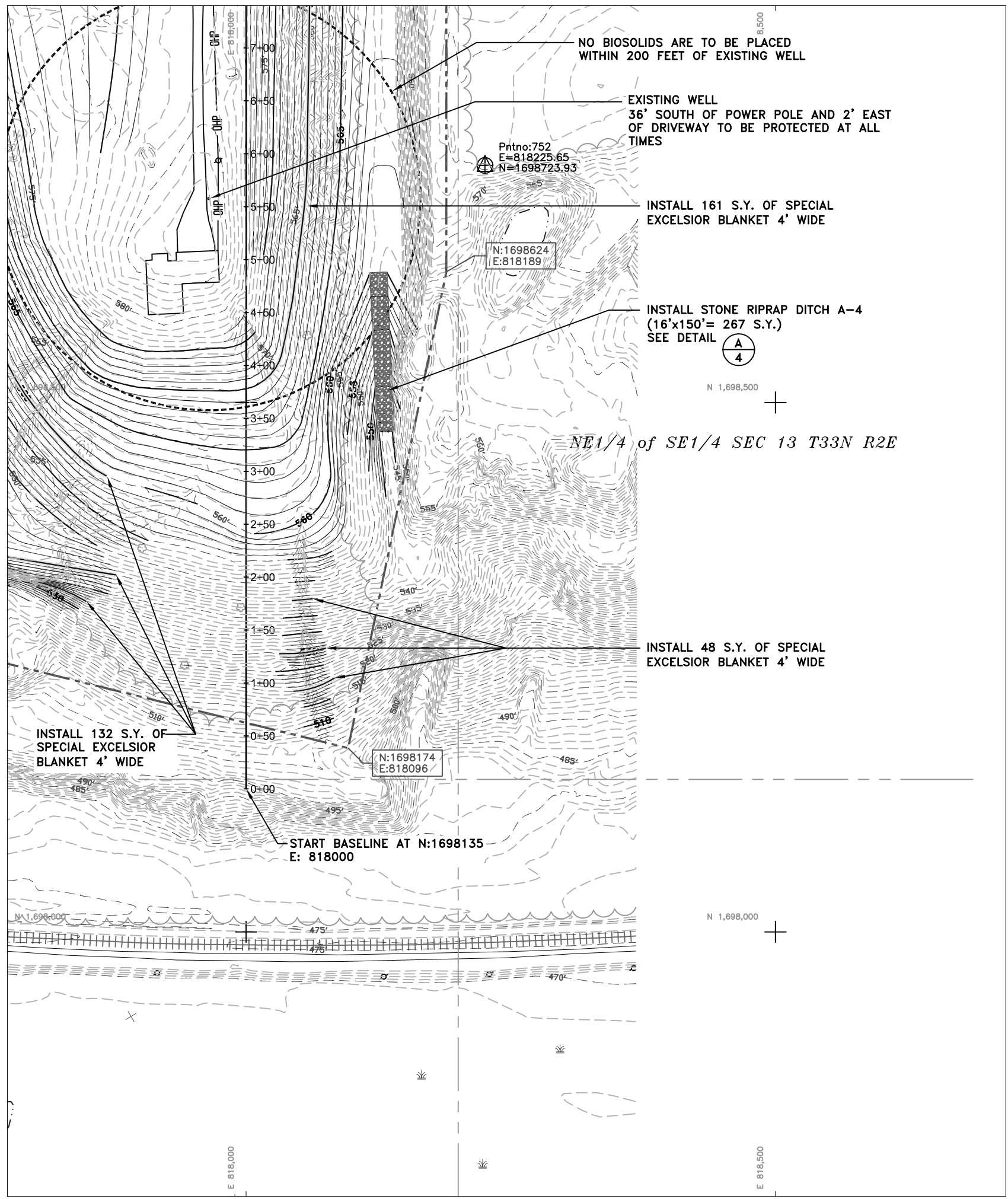


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La Salle County

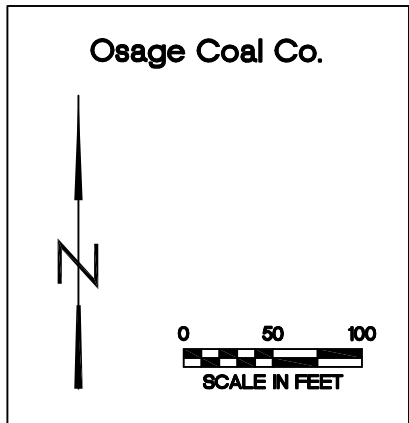
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Existing + Proposed  
Conditions  
Sheet  
5 of 21



--- 400 ---	EXISTING CONTOUR
— 400 —	PROPOSED CONTOUR
---	CONSTRUCTION LIMITS
---	EDGE OF ROAD
~~~~~	TREELINE
- - - - -	EDGE OF WATER
⊕	SURVEY CONTROL POINT

Legend



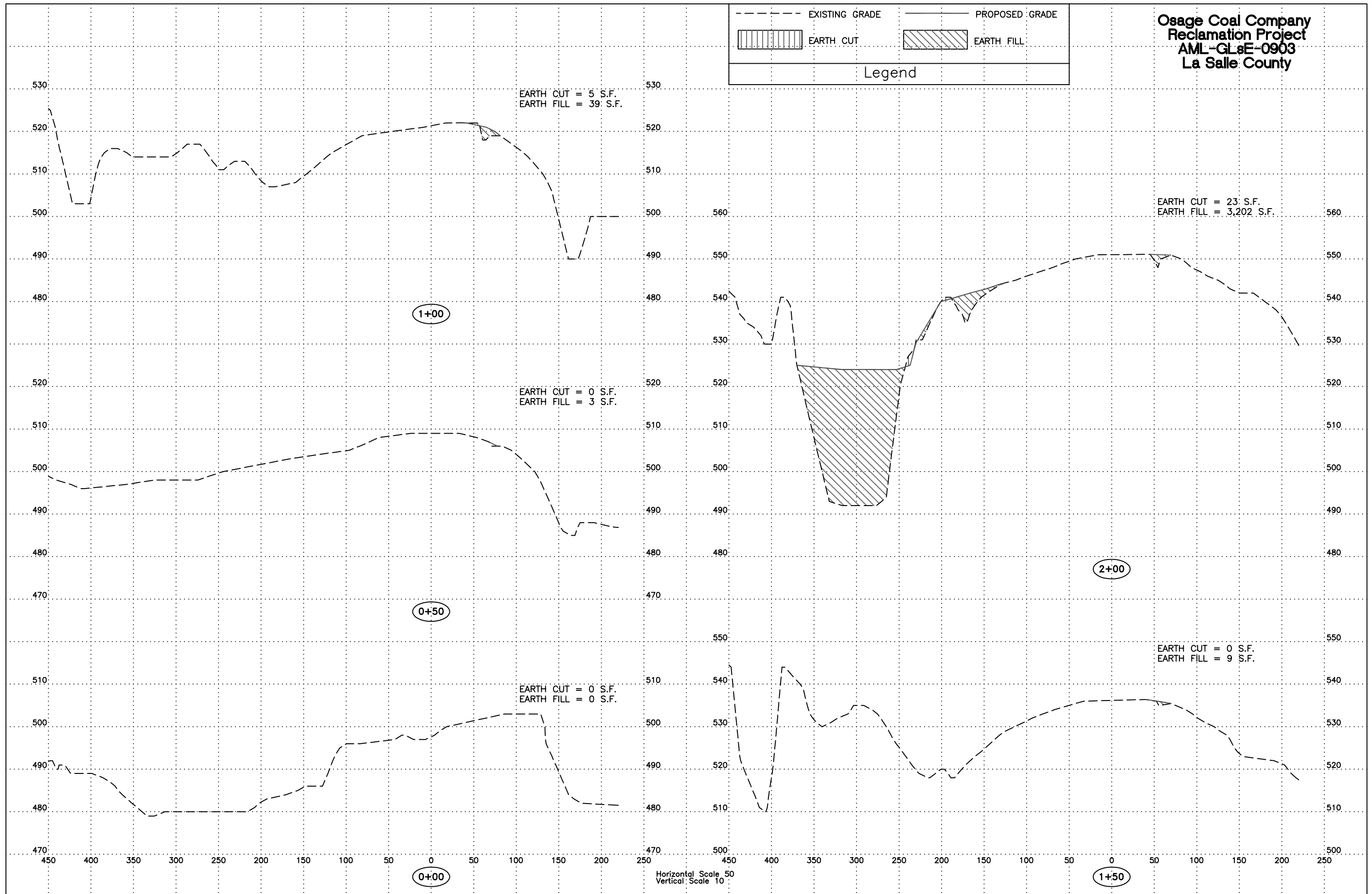
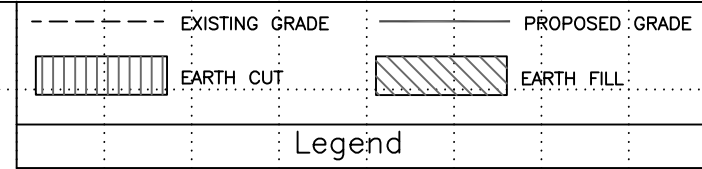
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La Salle County

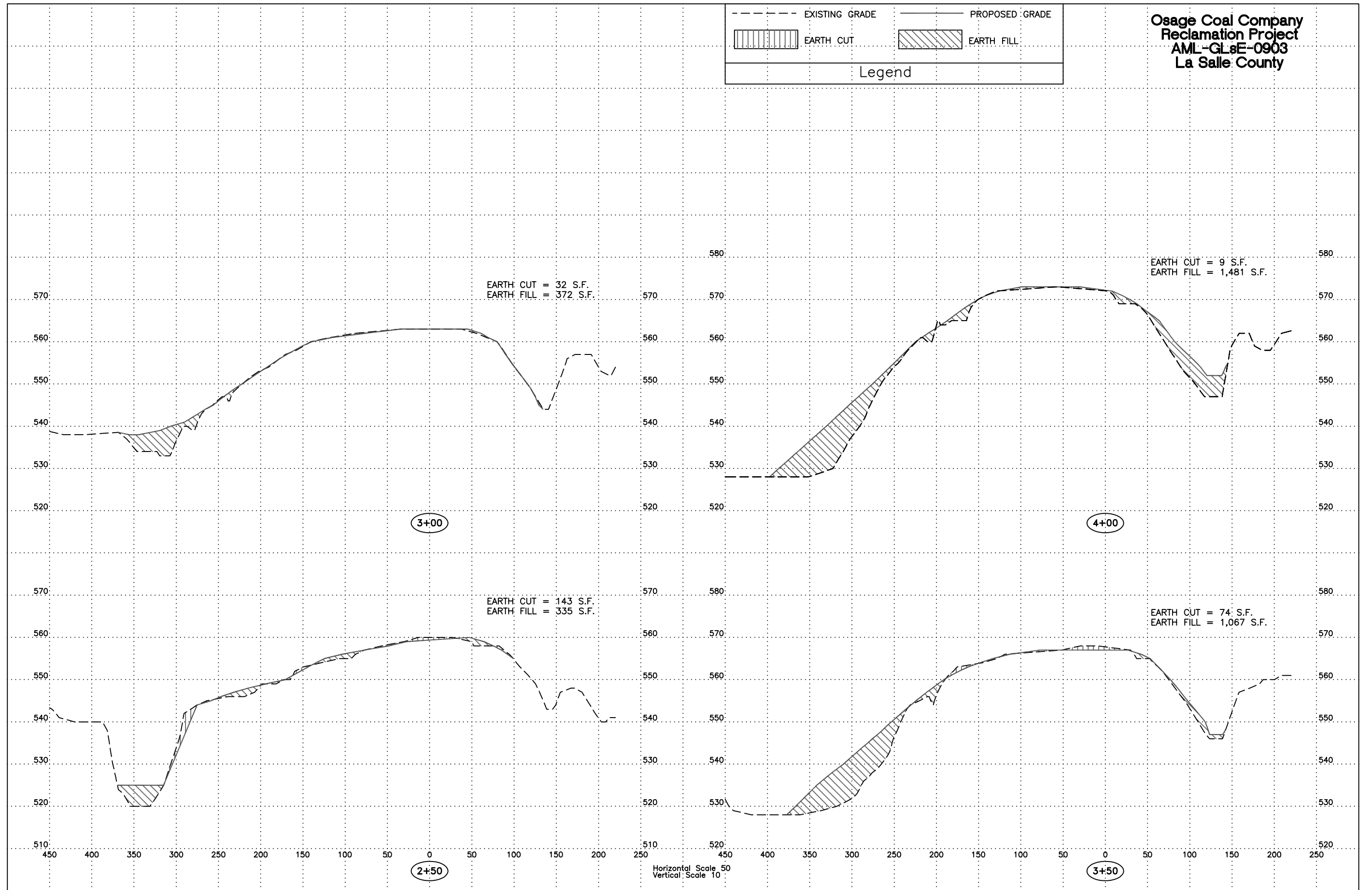
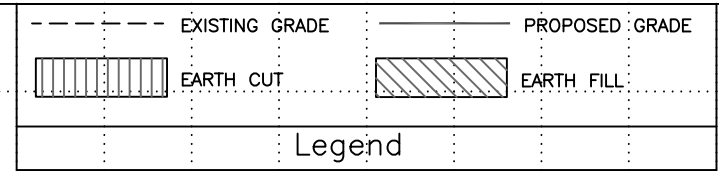
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Existing + Proposed  
Conditions  
Sheet  
6 of 21

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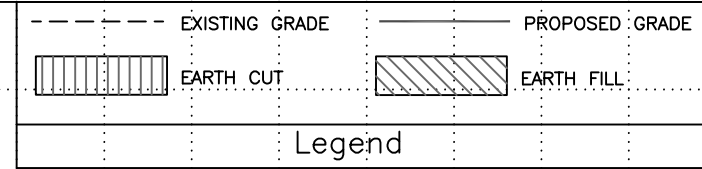


Osage Coal Company  
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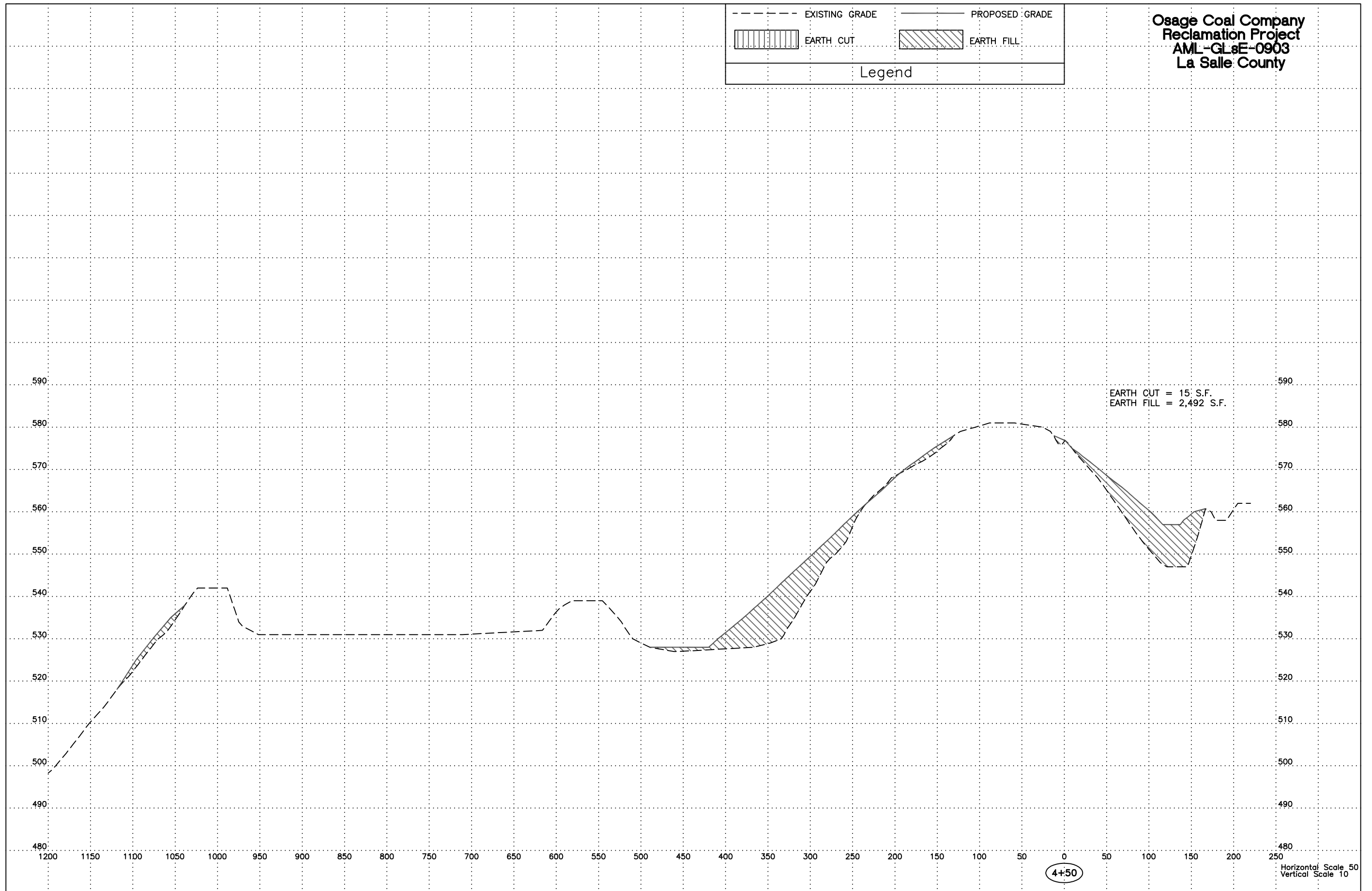




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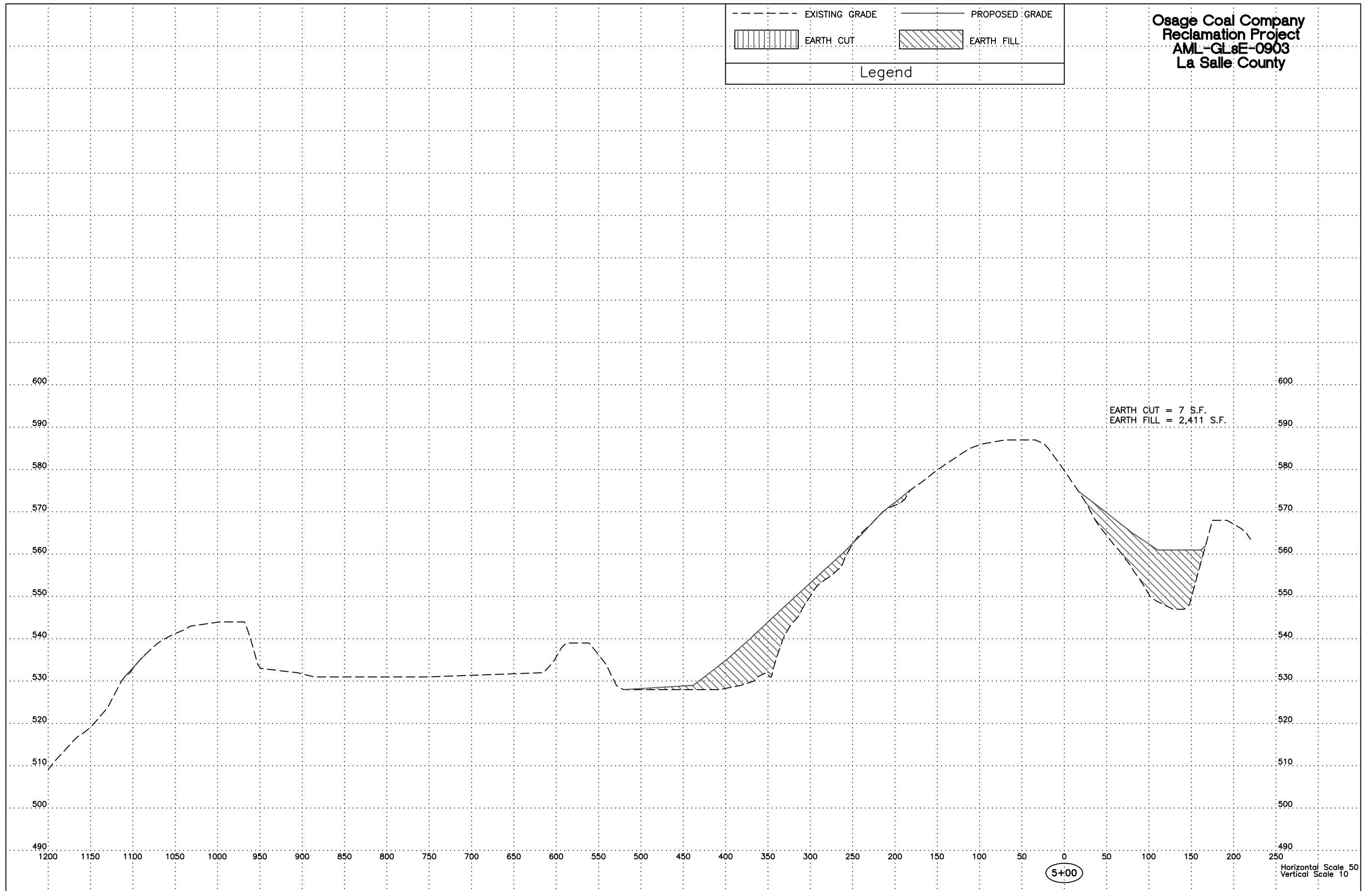
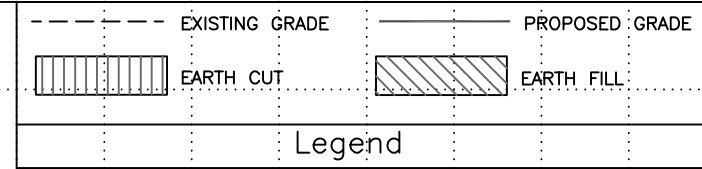


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EARTH FILL = 2,492 S.F.

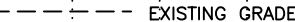


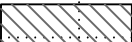


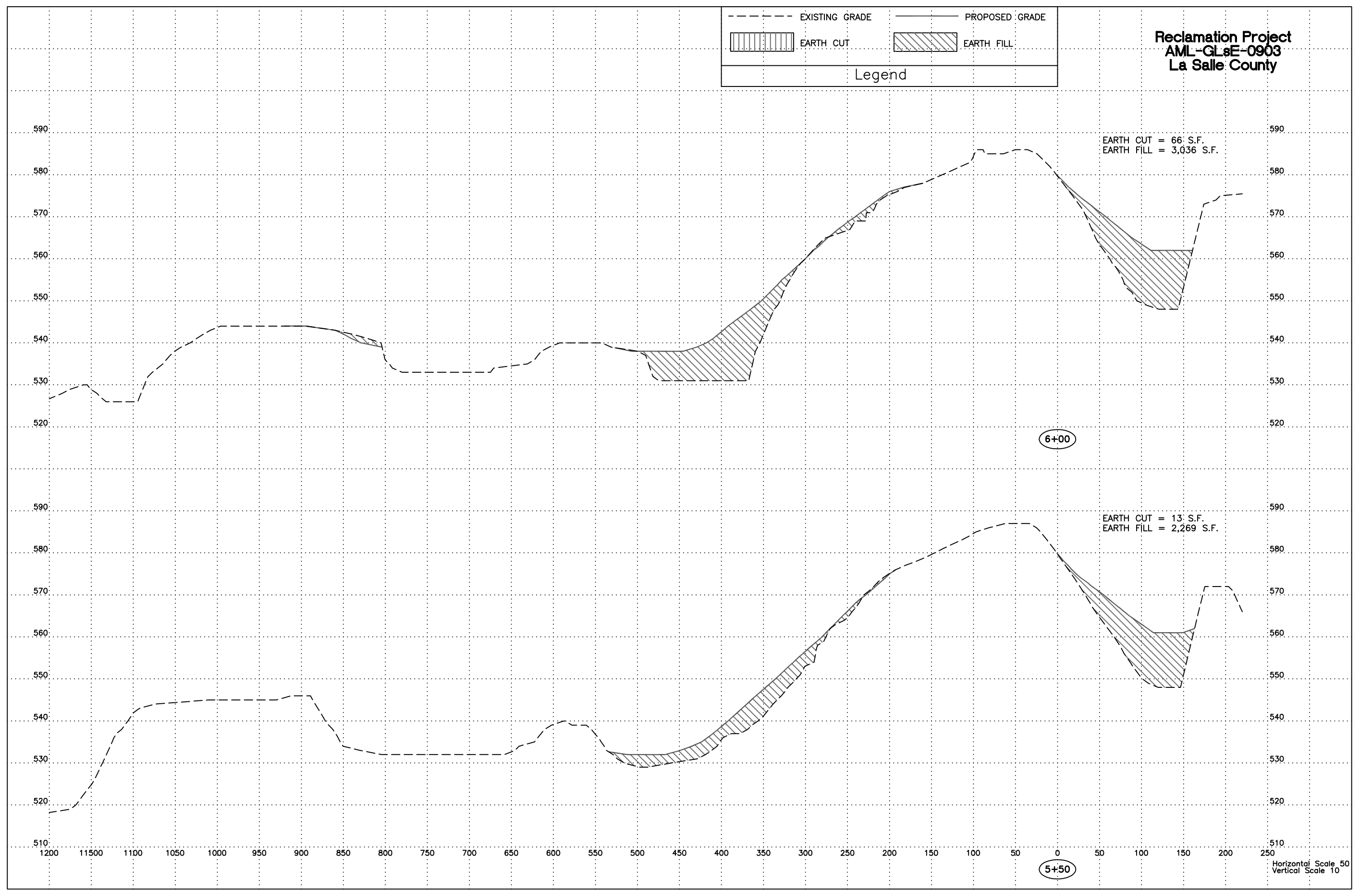
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Osage Coal Company  
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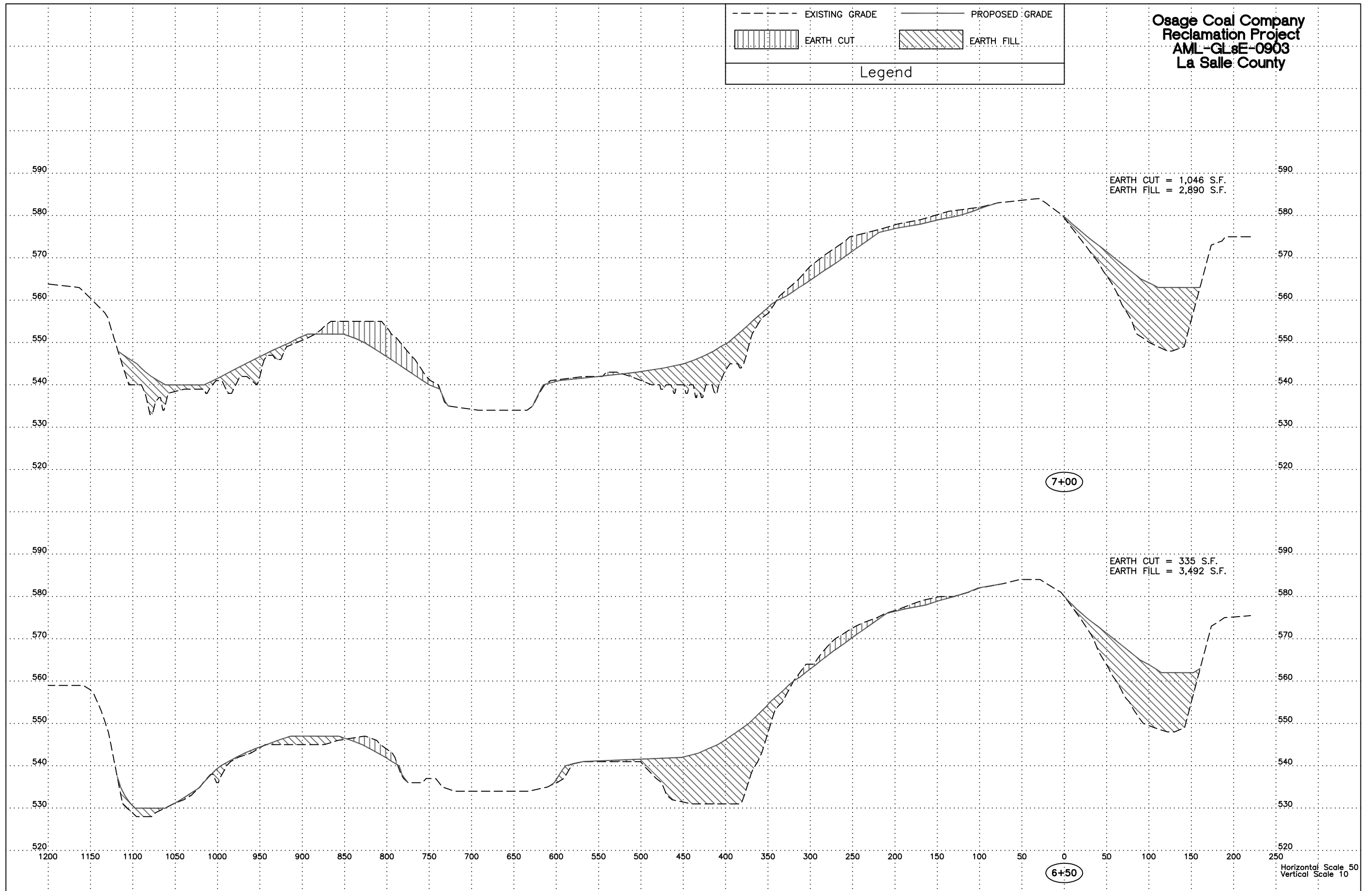
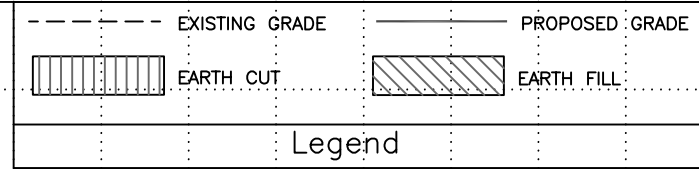
Reclamation Project  
 AML-GLsE-0903  
 La Salle County

 EXISTING GRADE	 PROPOSED GRADE
 EARTH CUT	 EARTH FILL
Legend	



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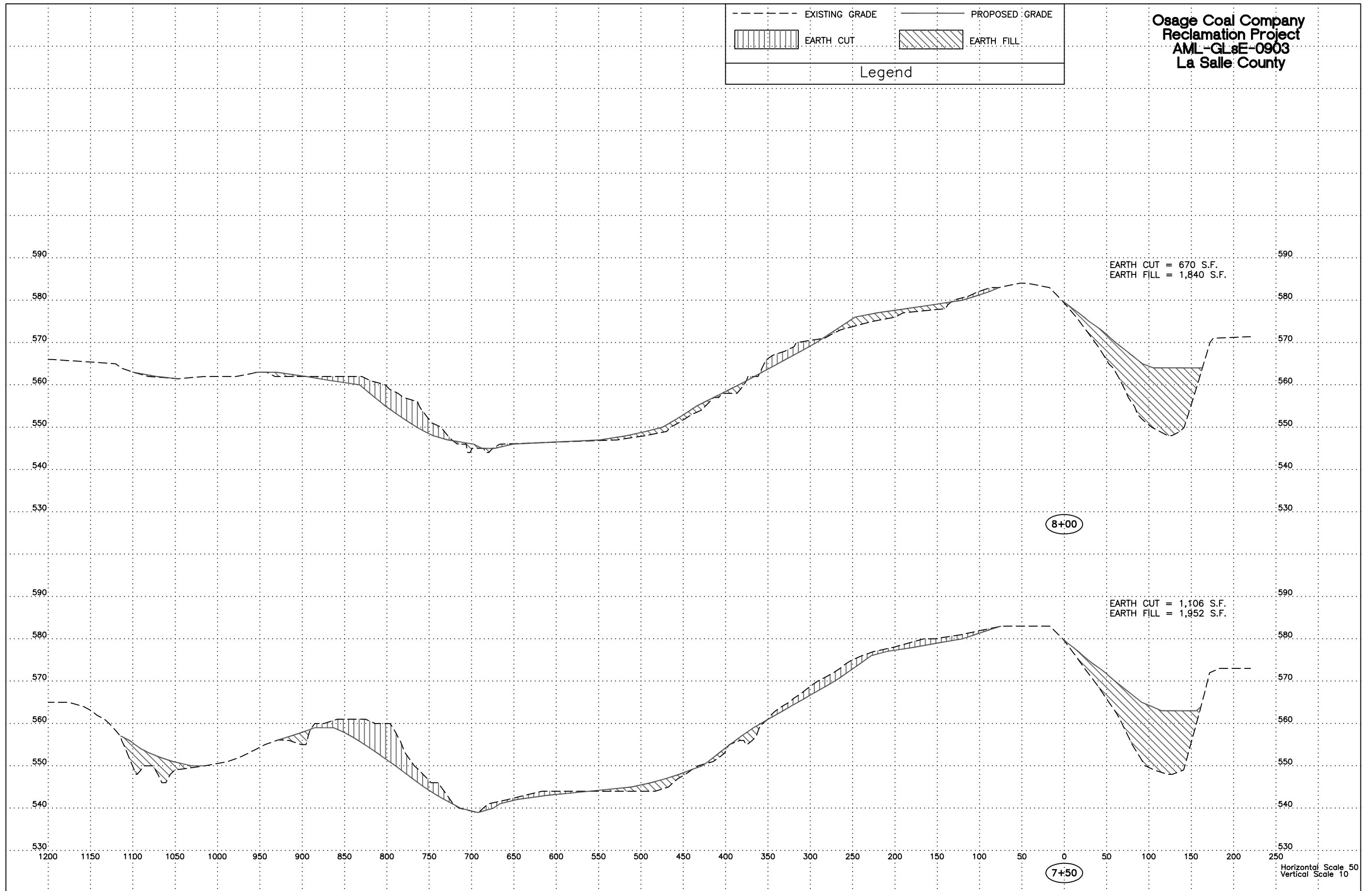
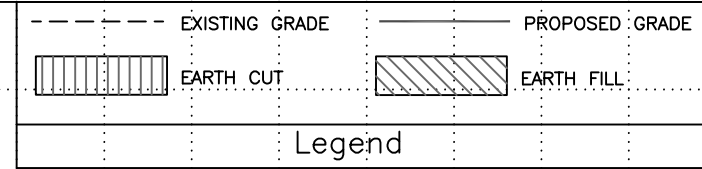
Osage Coal Company  
 Reclamation Project  
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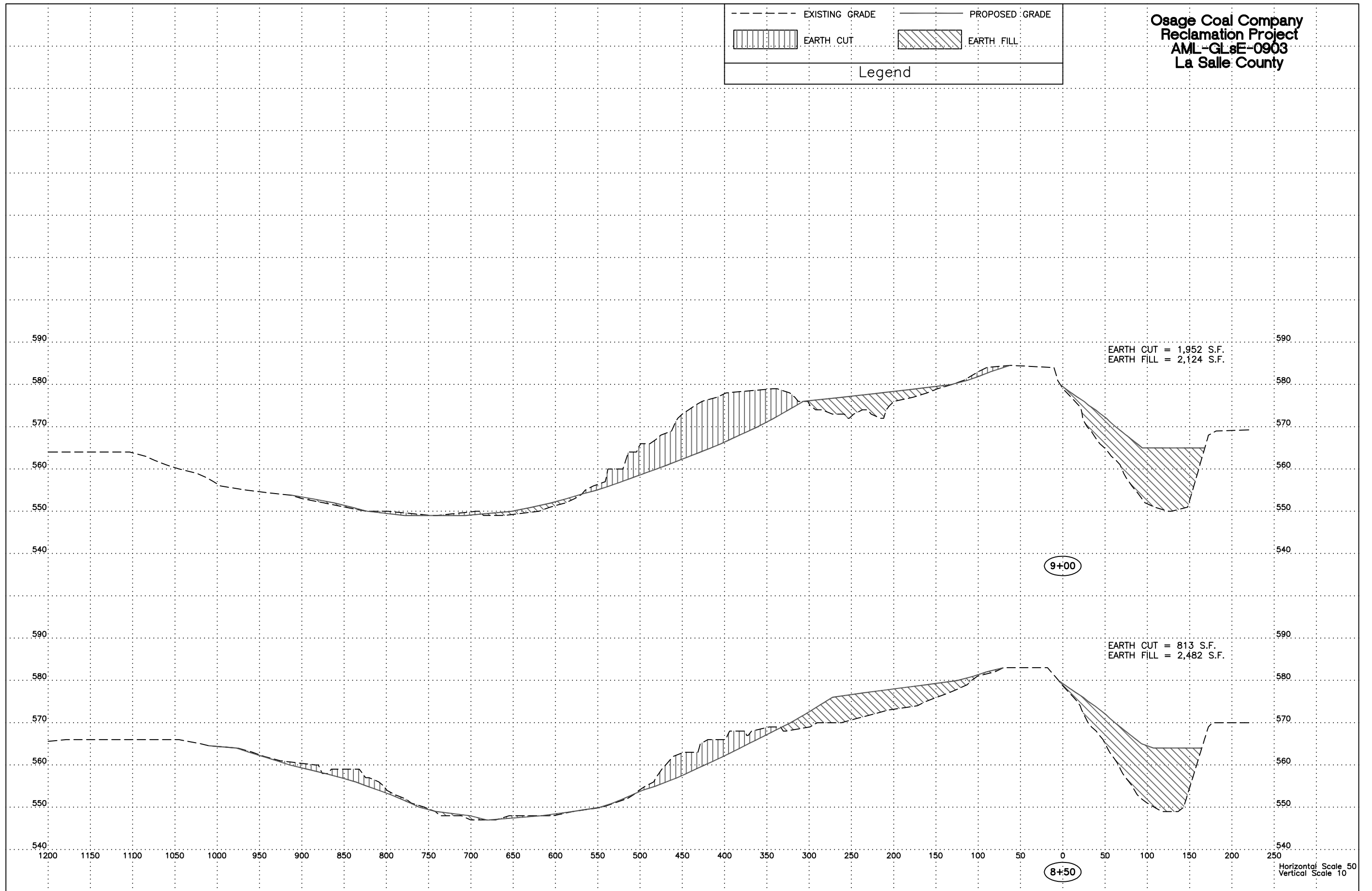
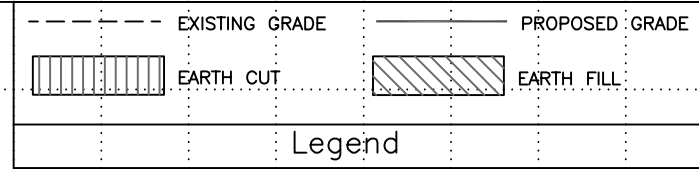
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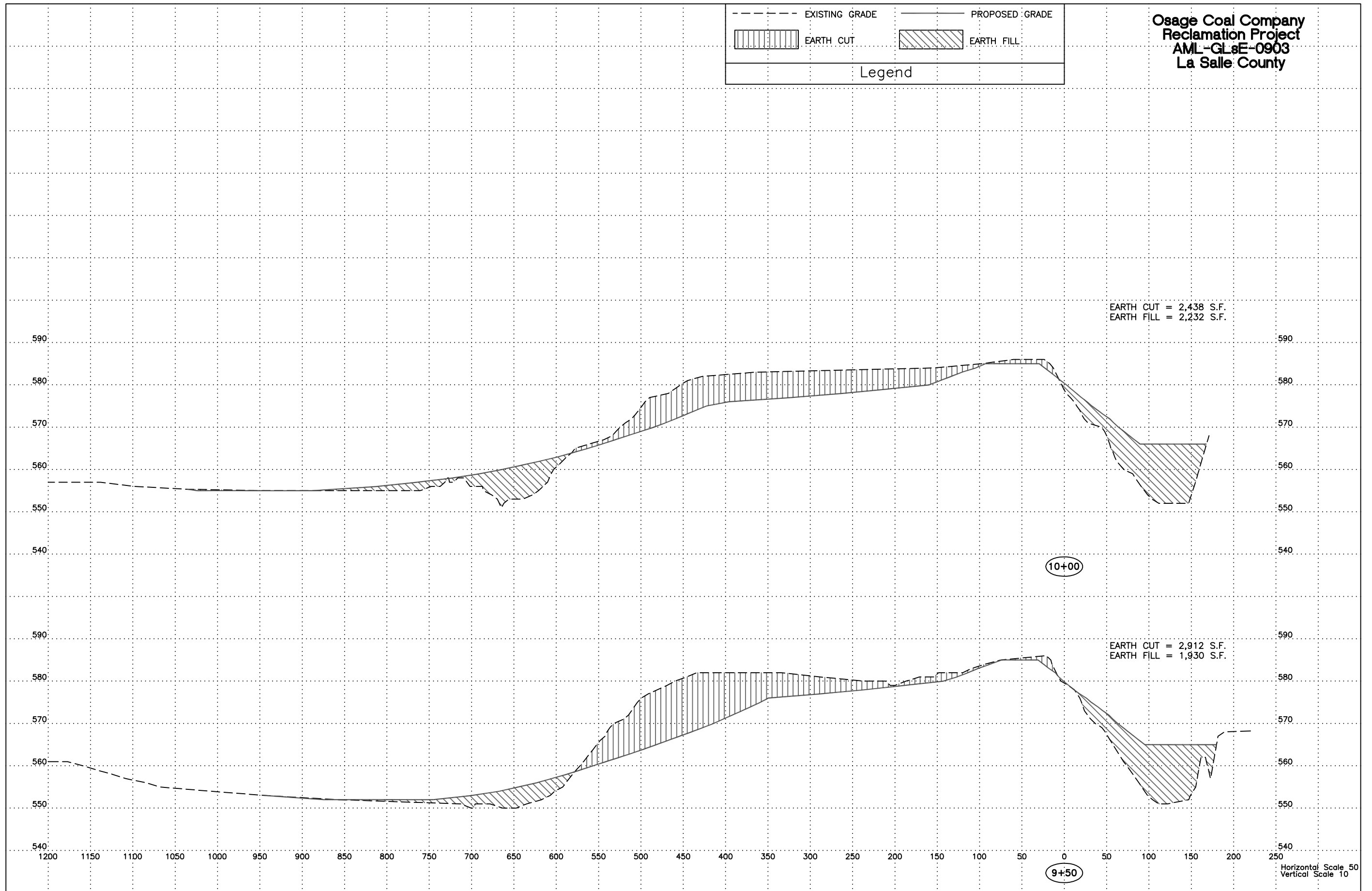
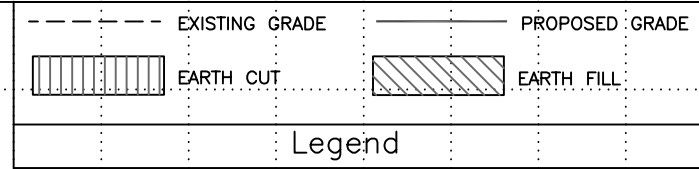


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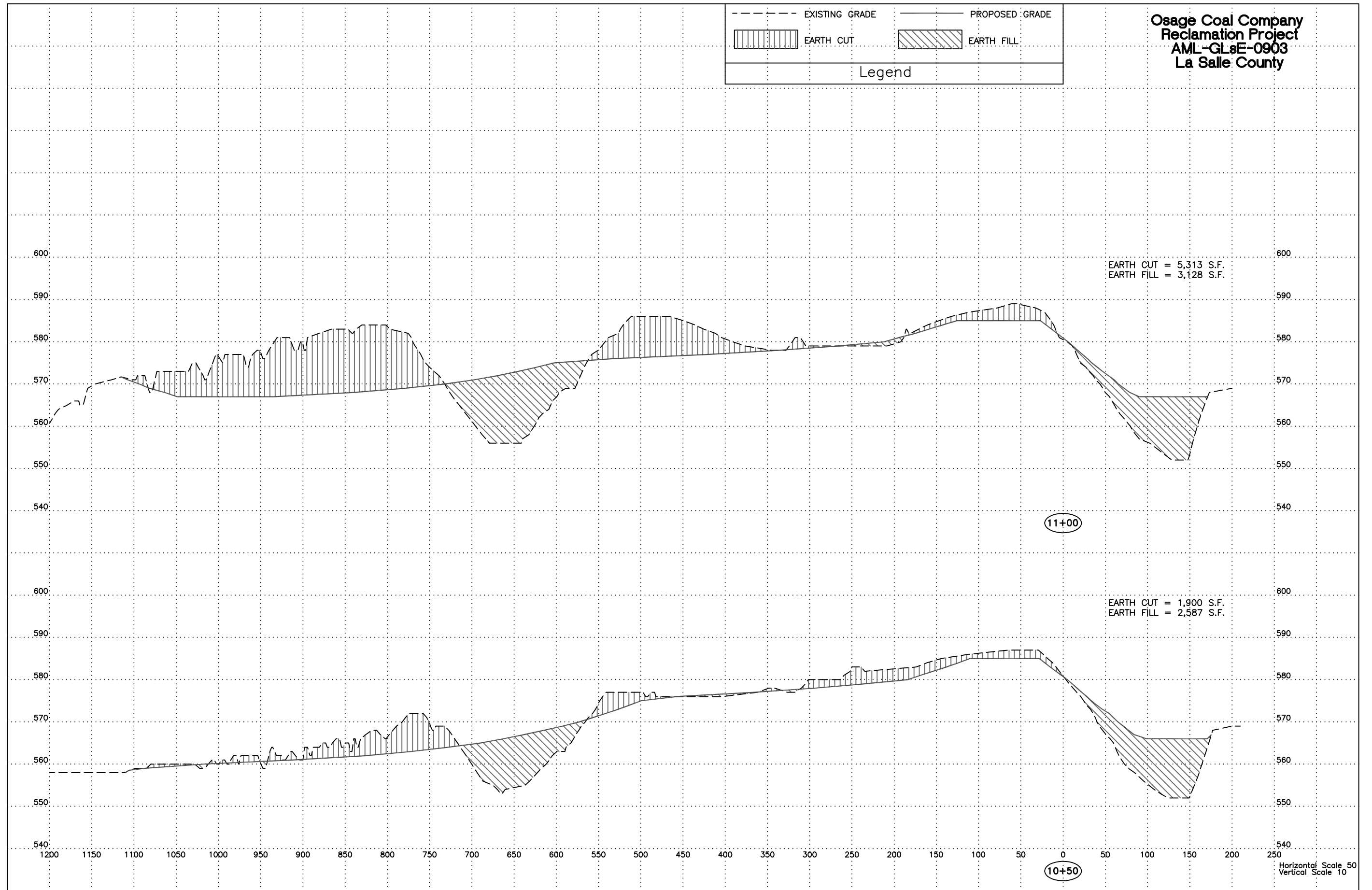
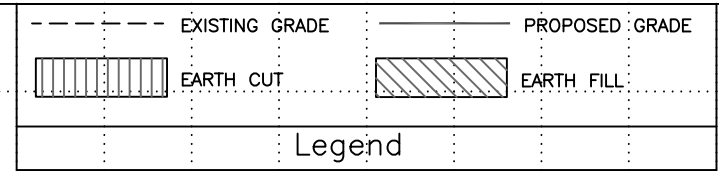


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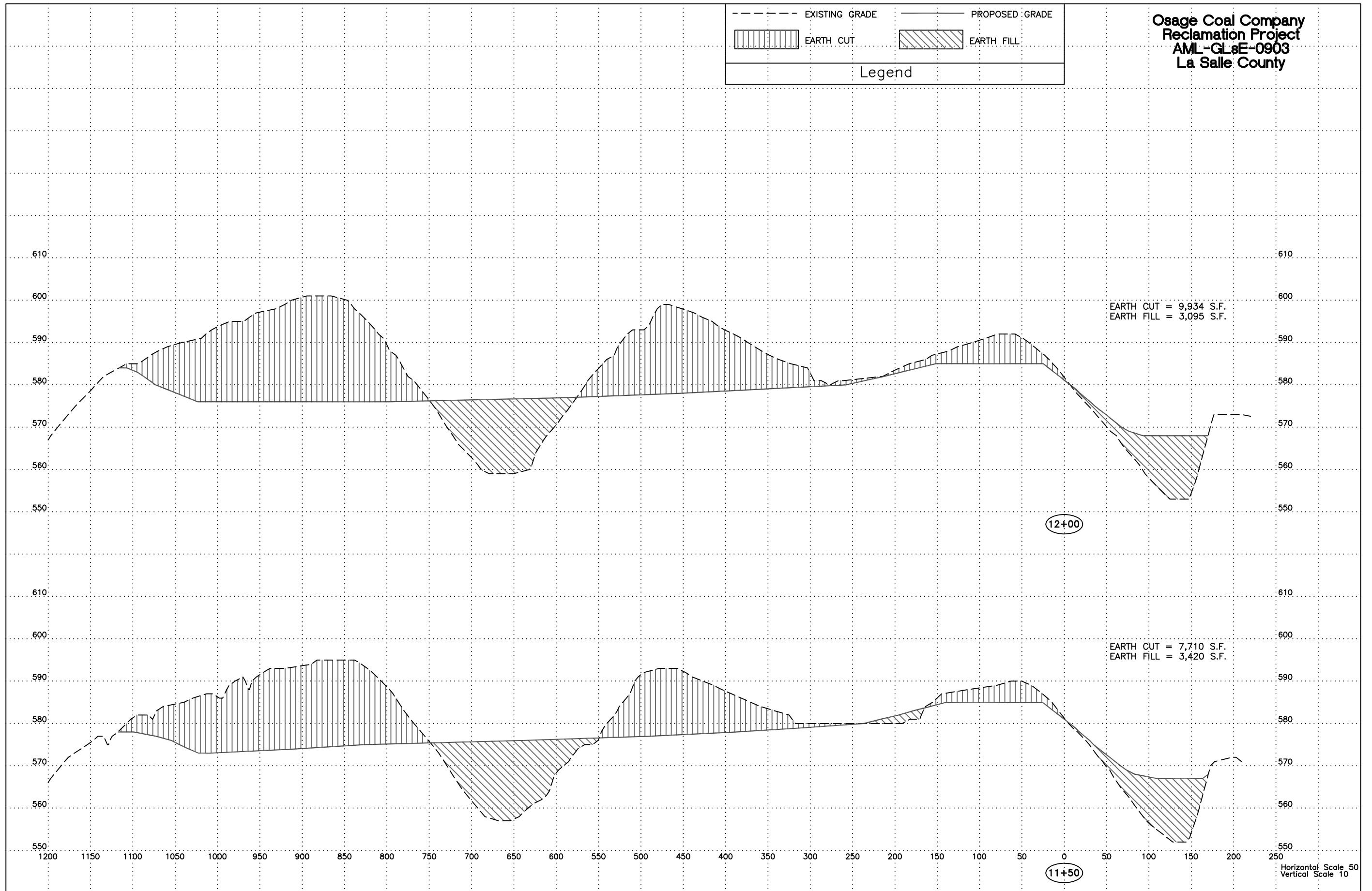
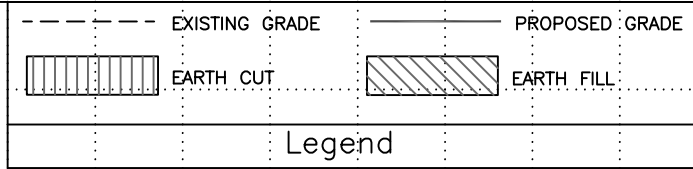
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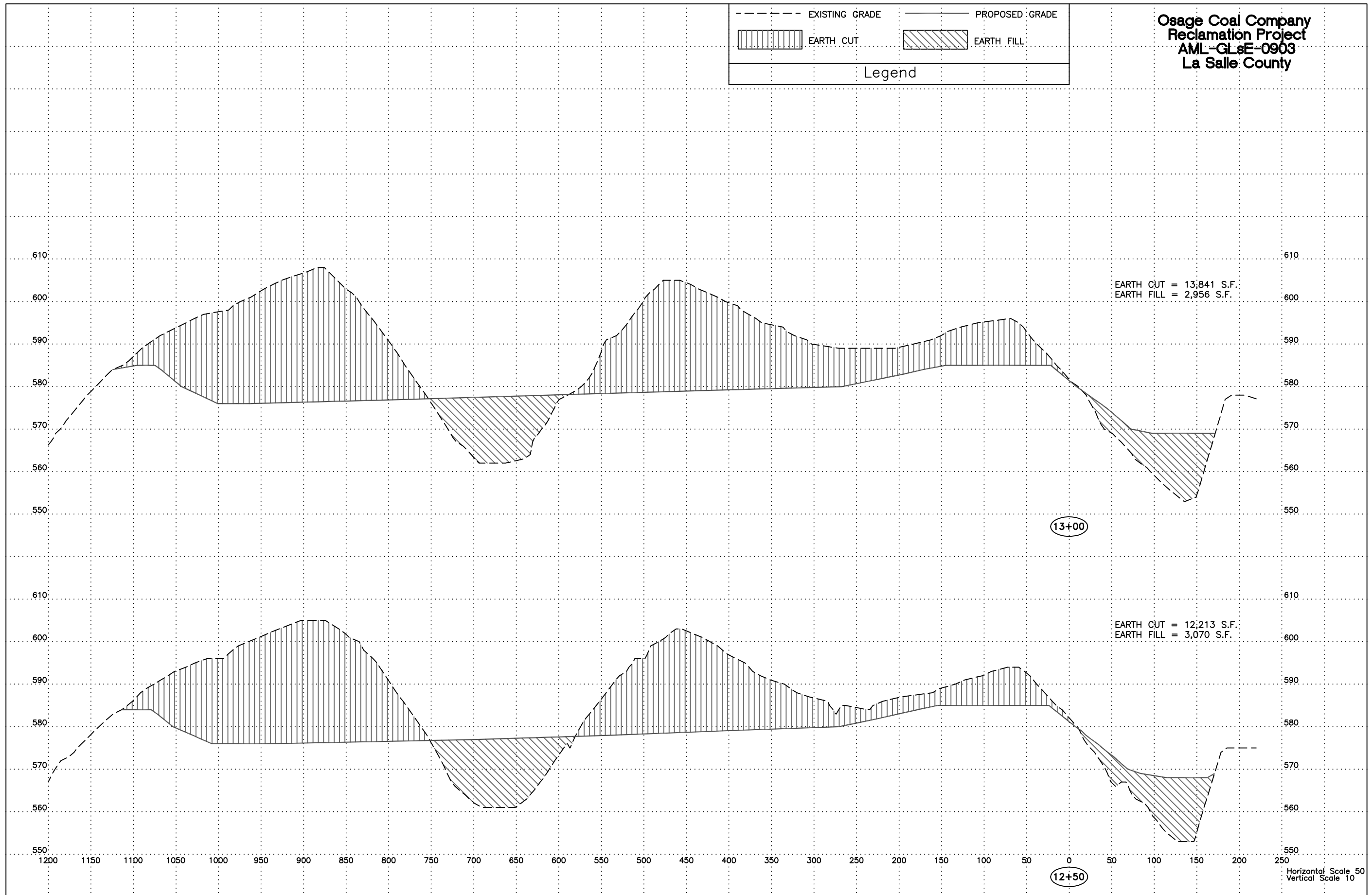
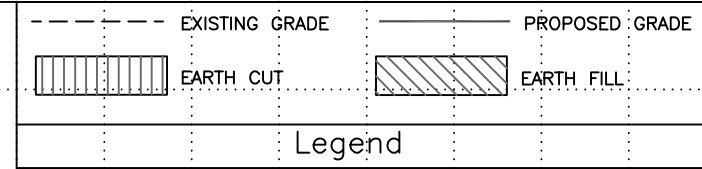
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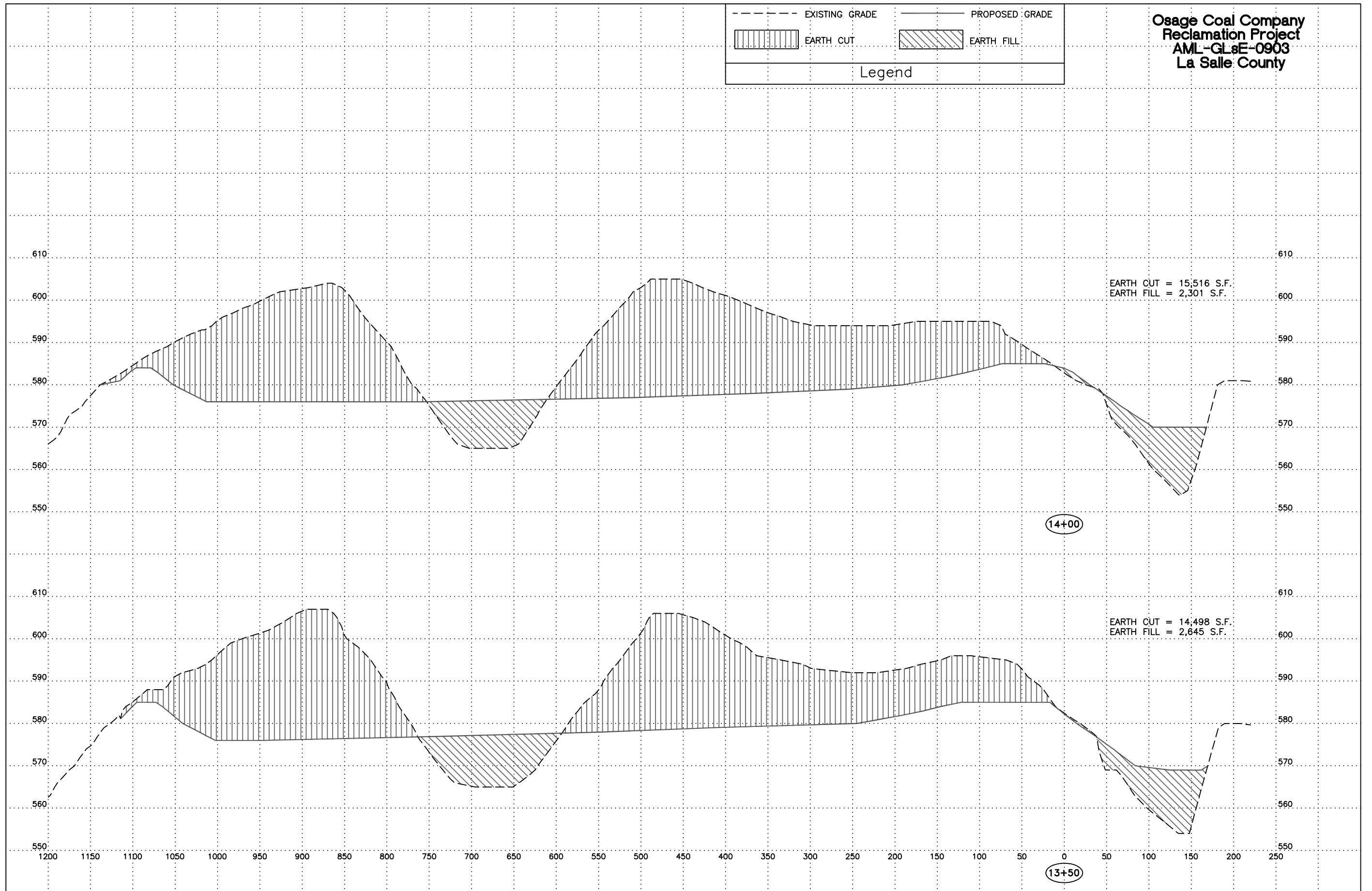
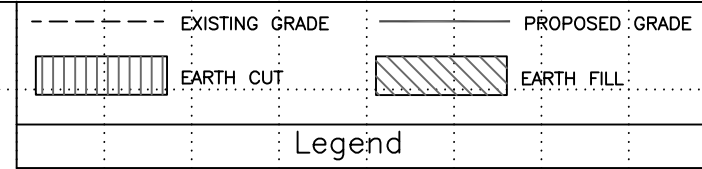
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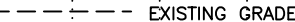

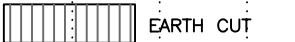
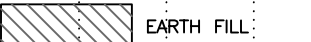
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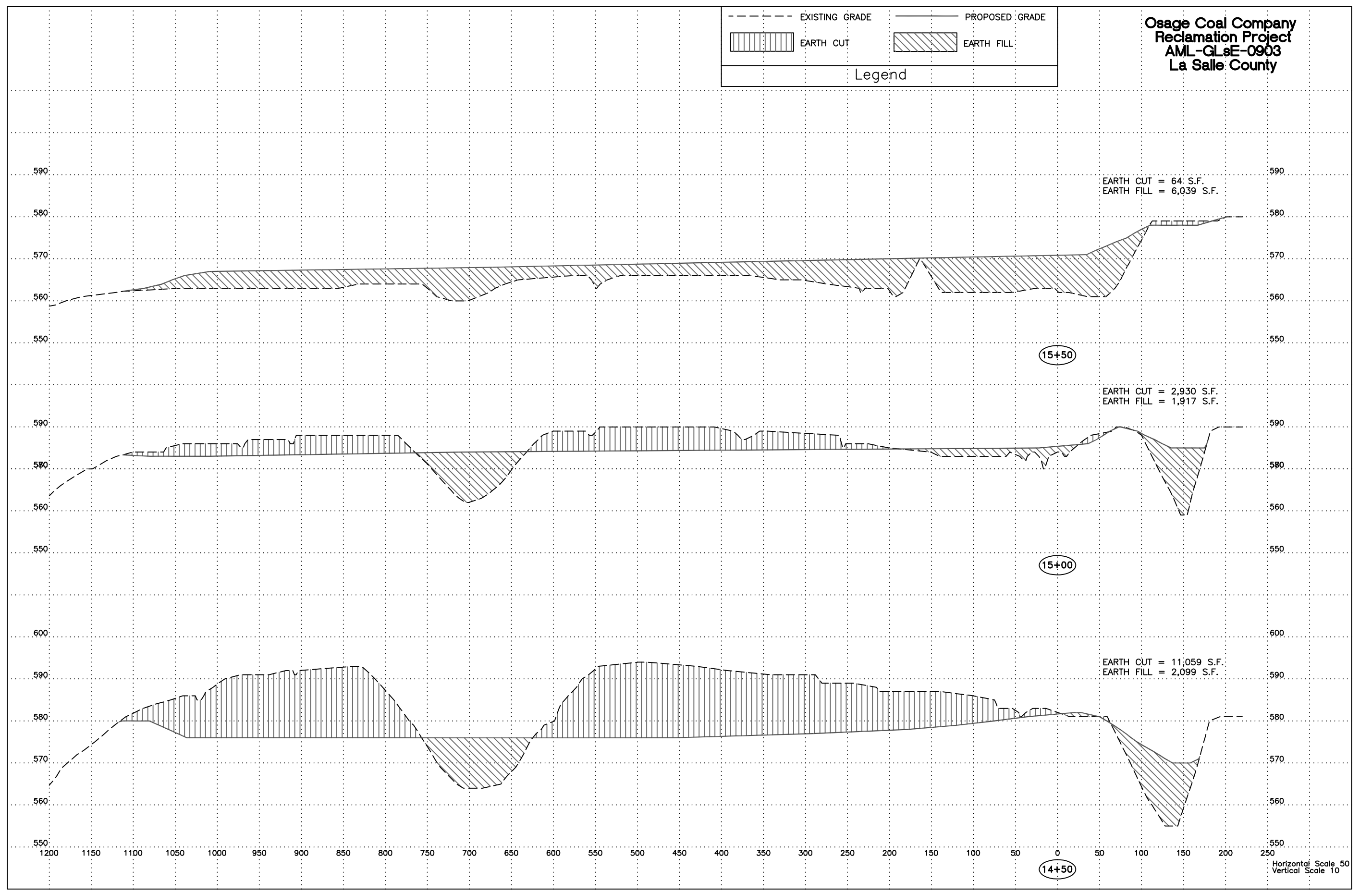


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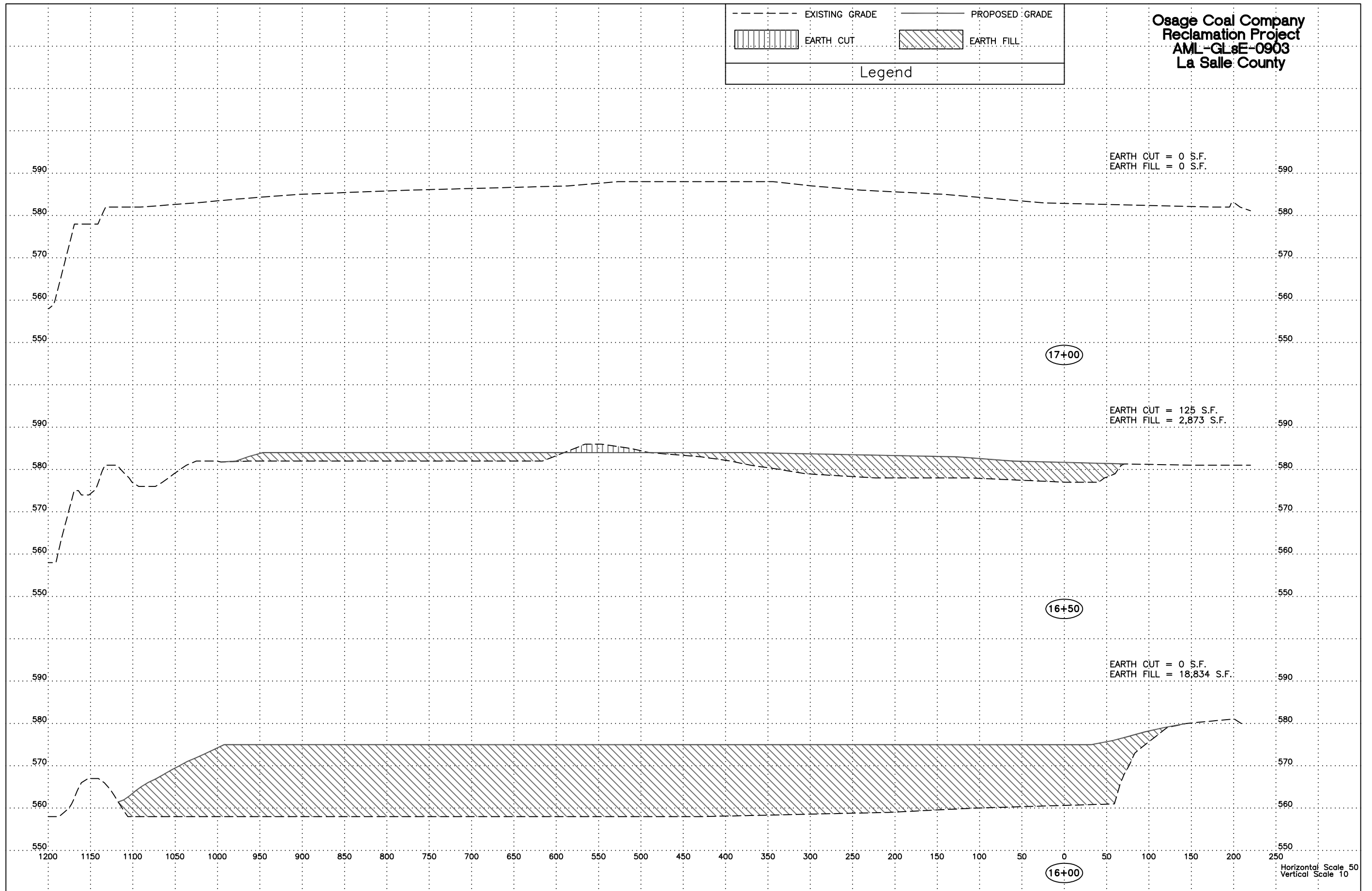
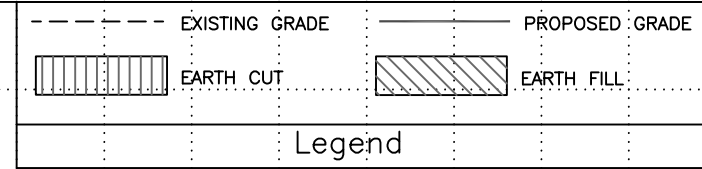
 EXISTING GRADE	 PROPOSED GRADE
 EARTH CUT	 EARTH FILL
Legend	



Horizontal Scale 50  
 Vertical Scale 10



Osage Coal Company  
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Horizontal Scale 50  
Vertical Scale 10