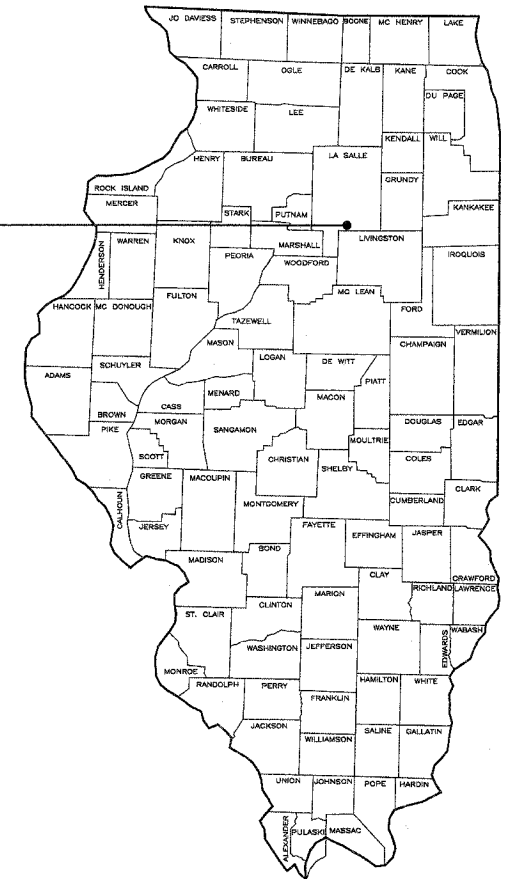


State of Illinois
Department of Natural Resources
Office of Mines and Minerals
Division of Abandoned Mined Lands

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

**C,W, & V No. 2 and Streator Fuel
Reclamation Project
AML-GLsE-0705
La Salle County
1LR**

C, W & V No. 2 and Streator Fuel
La Salle County



**A PRE-BID MEETING IS SCHEDULED FOR THIS PROJECT AT
10:00 A.M., FRIDAY, JULY 25, 2008 AT THE STREATOR FUEL
MINE SITE.**

SCHEDULE OF DRAWINGS:

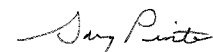
1. Cover Sheet
2. Summary of Quantities/General Notes/Location Map
3. Existing & Proposed Conditions - Streator Fuel
4. Existing & Proposed Conditions - C, W & V No.2
- 5-7. Cross Sections - Streator Fuel
- 8-16. Cross Sections - C, W & V No. 2

Prepared By IDNR Staff


Approved for Bidding:


Joseph R. Angleton, Director
Office of Mines and Minerals

Approved By:

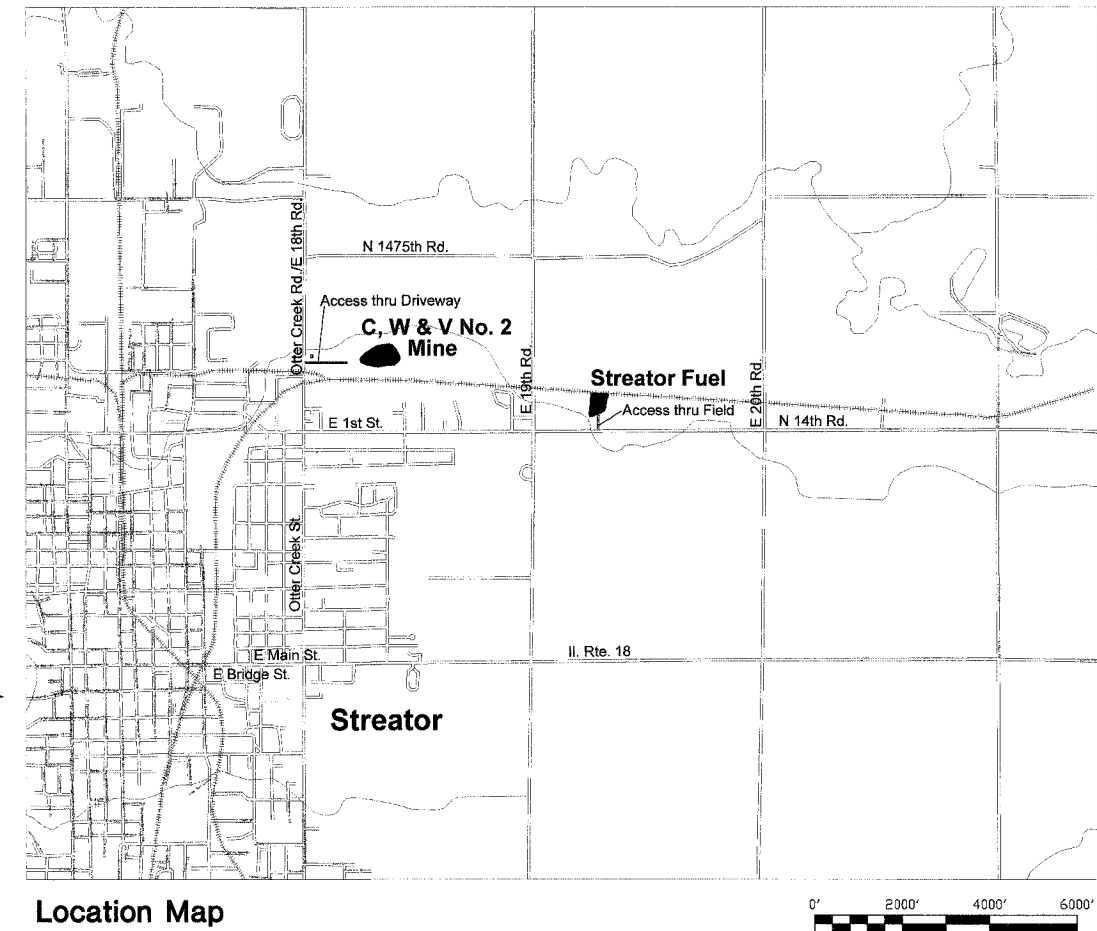

Greg Pinto, Acting Manager
AML Division

Approved By:


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



Summary of Quantities							
#	Item	Section	Quantities			Unit	Rates/Remarks
			Streator Fuel	C,W & V No.2	Total		
1	Special Clearing	201	0.5	0.5	1	L.S.	
2	Earth Excavation	202	18,618	43,156	61,774	C.Y.	Compaction Required Per S.P. 205
3	Mine Refuse Excavation	202	21,526	35,906	57,432	C.Y.	
4	Special Excavation	214	563	-	563	C.Y.	
5	Riprap Fill C-3	216	116	-	116	Ton	
6	CA-1 Fill	216	230	-	230	Ton	
7	CA-6 Fill	216	770	-	770	Ton	
8	Seeding	250	1.5	11.3	12.8	Acre	See Schedule this Sheet
9	Nitrogen Fertilizer Nutrient	250	360	2,712	3,072	Pound	See Schedule this Sheet
10	Phosphorus Fertilizer Nutrient	250	300	2,260	2,560	Pound	See Schedule this Sheet
11	Potassium Fertilizer Nutrient	250	900	6,780	7,680	Pound	See Schedule this Sheet
12	Agricultural Ground Limestone	250	8	22.6	30.6	Ton	See Schedule this Sheet
13	Mulch, Method 2, Procedure 1	IDOT 251	1.5	11.3	12.8	Acre	See Schedule this Sheet
14	Erosion Control Blanket	IDOT 251	-	2,186	2,186	S.Y.	
15	Mine Refuse Treatment - Limestone	255	144	312	456	Ton	40 Tons/Acre
16	Mowing	258	1.5	11.3	12.8	Acre	
17	Aggregate Surface Course, Type B	IDOT 402	-	85	85	Ton	For Repair of Driveway Access
18	Mine Opening Marker	666	2	-	2	Each	
19	Mobilization (Max. 6% of Bid)	671	0.5	0.5	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. Clearing of trees shall be completed between Oct. 1 and March 31.

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.

MINE REFUSE TREATMENT -After mine refuse has been graded to the subgrade shown in the plans, agricultural ground limestone shall be uniformly spread at the rate specified in the plans. A 3 inch layer of soil shall then be spread over the mine refuse treatment area and blended to a depth of 6 inches with an industrial offset disk approved by the engineer. Treated areas shall then be covered with 33 inches of soil.

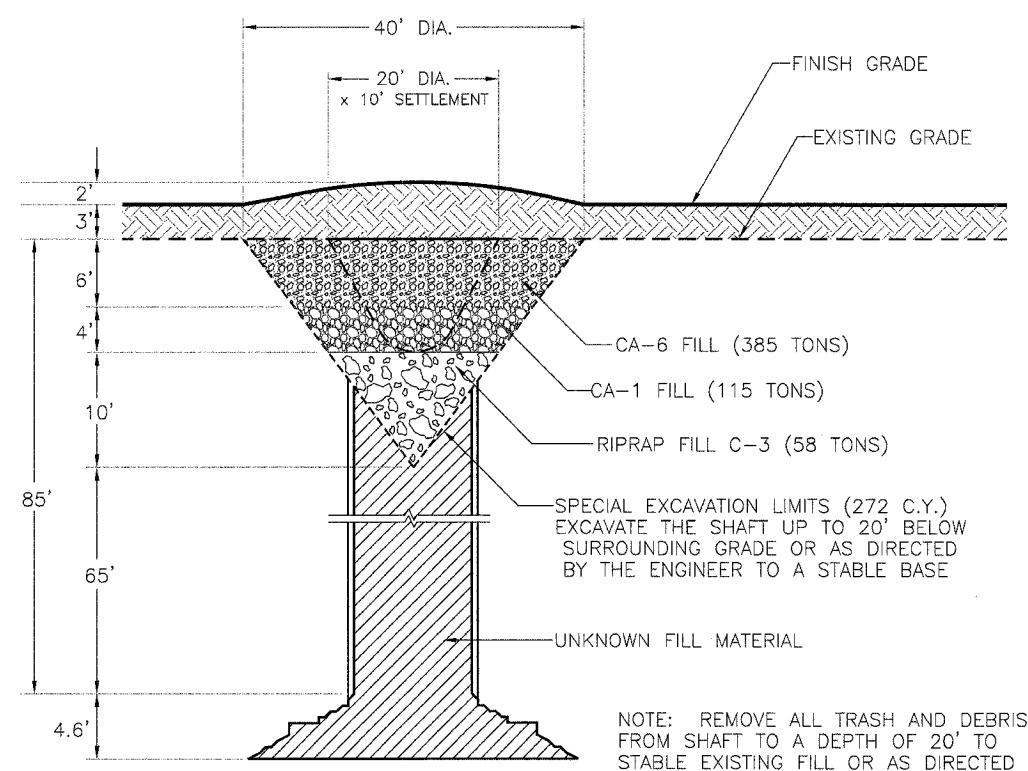
Schedule of Seeding, Fertilizer Nutrients, Mulch and Mowing				
ITEM (unit)	MARCH 1, 2009 - APRIL 20, 2009	JUNE 15, 2009 - JULY 15, 2009	AUGUST 15, 2009 - SEPTEMBER 15, 2009	TOTAL QUANTITY
SEEDING (acres)	12.8 Acres			12.8 Acres
AGRICULTURAL GROUND LIMESTONE (tons)	30.6 Ton 2 Tons/Acre			30.6 Ton
NITROGEN FERTILIZER NUTRIENT (pounds)	1,536 Pounds 120 Pounds/Acre		1,536 Pounds 120 Pounds/Acre	3,072 Pounds
PHOSPHOROUS FERTILIZER NUTRIENT (pounds)	1,280 Pounds 100 Pounds/Acre		1,280 Pounds 100 Pounds/Acre	2,560 Pounds
POTASSIUM FERTILIZER NUTRIENT (pounds)	3,840 Pounds 300 Pounds/Acre		3,840 Pounds 300 Pounds/Acre	7,680 Pounds
MULCH, METHOD 2 PROCEDURE 1 (acres)	12.8 Acres 2 Tons/Acre			12.8 Acres
MOWING (acres)		12.8 Acres		12.8 Acres

State of Illinois
Department of Natural Resources

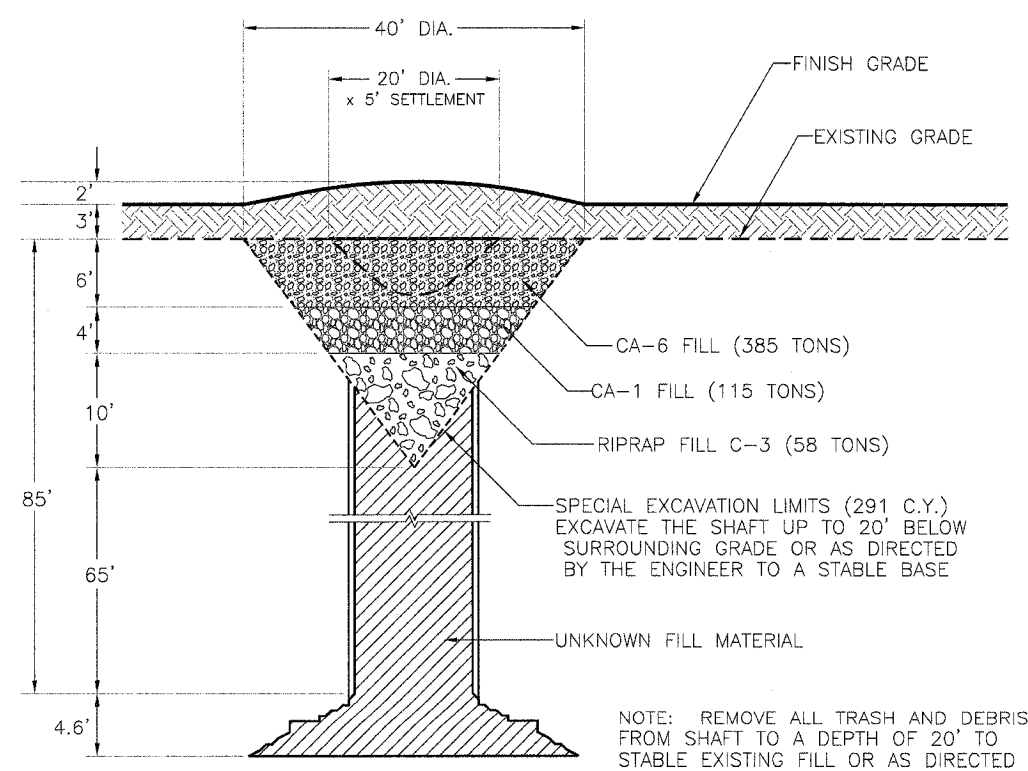
C, W & V No. 2 and Streator
Fuel Reclamation Project
AML-GLsE-0705
La Salle County

Drawn By: T.M., M-LF
Checked By: _____
Date: 6/25/2008

Summary of Quantities/
General Notes/Location Map
Sheet
2 of 16

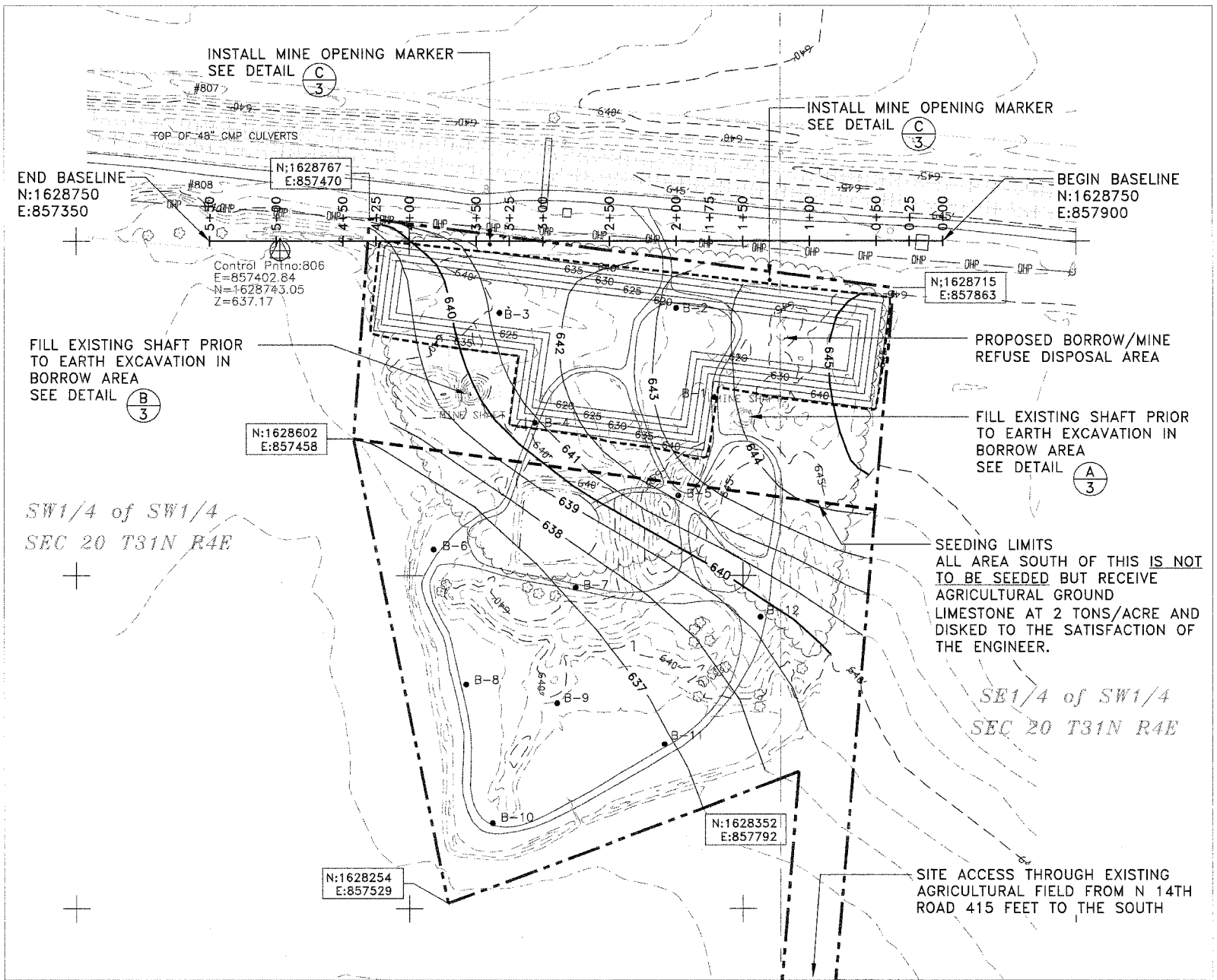
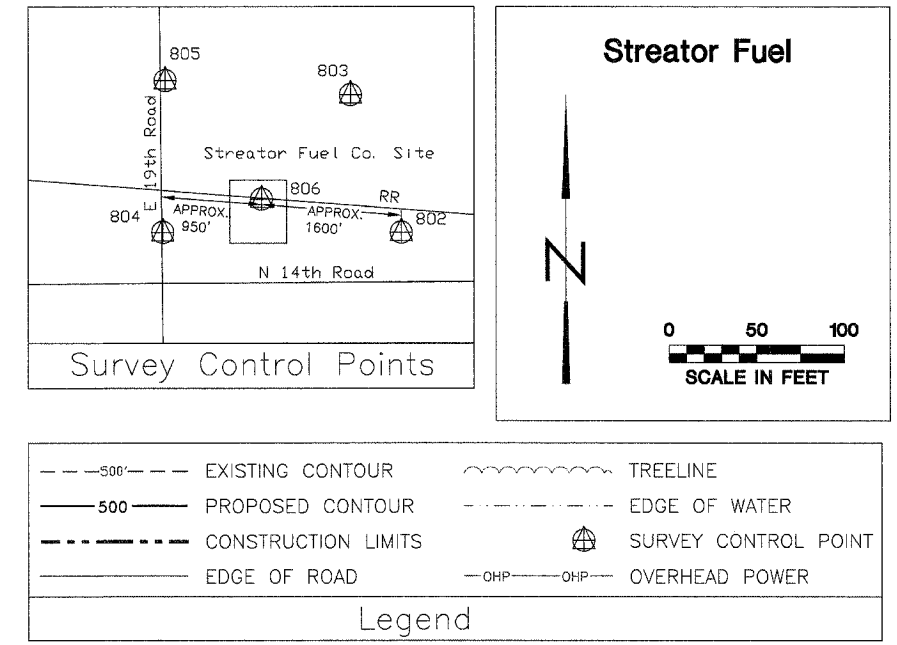
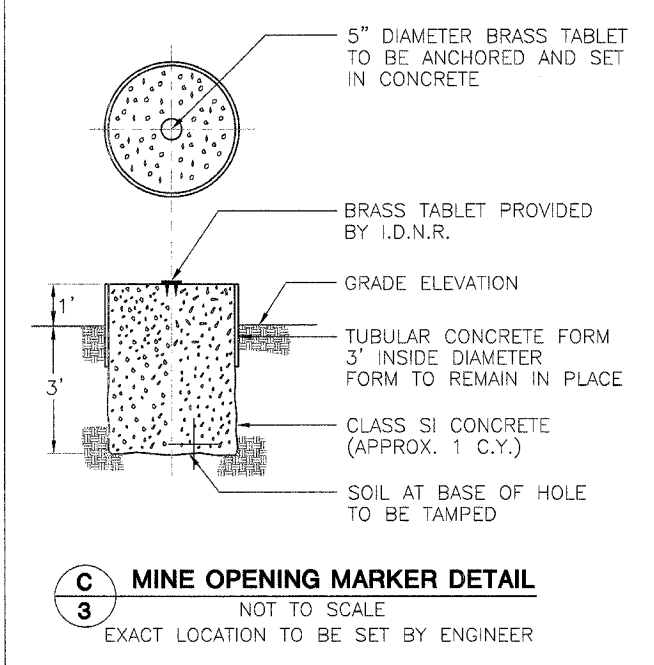


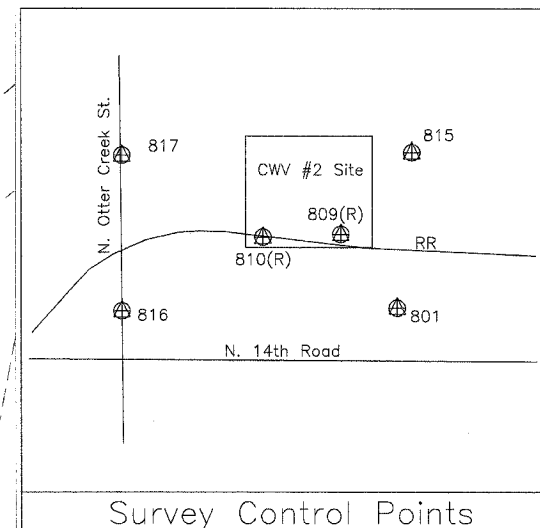
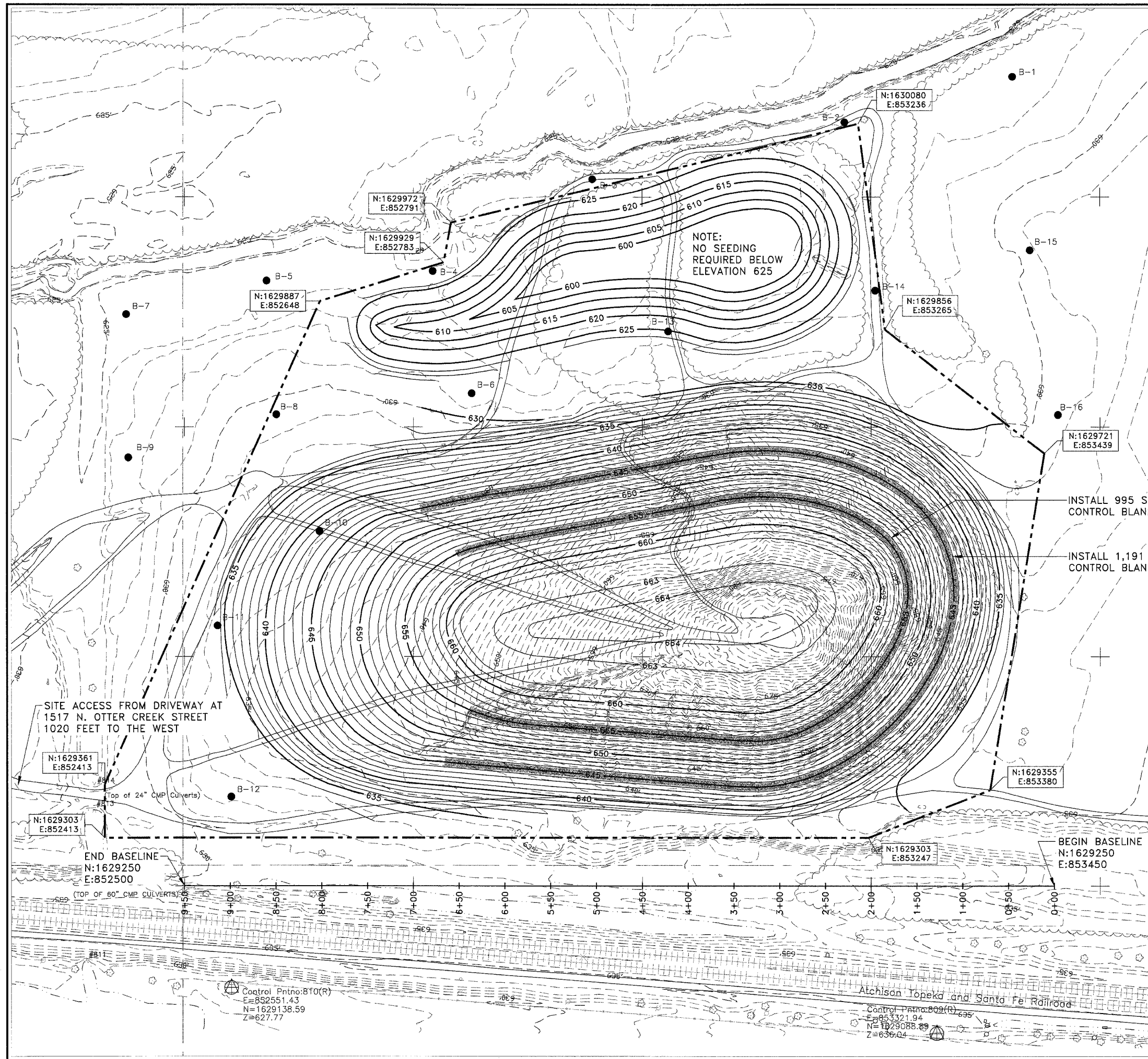
A EAST SHAFT FILLING DETAIL
3 NOT TO SCALE



B WEST SHAFT FILLING DETAIL
3 NOT TO SCALE

NOTE:
DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE SHAFTS, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN PERFORMING WORK NEAR THEM. THE ENGINEER RESERVES THE RIGHT TO INCREASE OR DECREASE THE QUANTITY FOR SPECIAL EXCAVATION AND BACKFILLING MATERIALS AS DETERMINED BY THE EXACT CONDITIONS ENCOUNTERED DURING SPECIAL EXCAVATION.

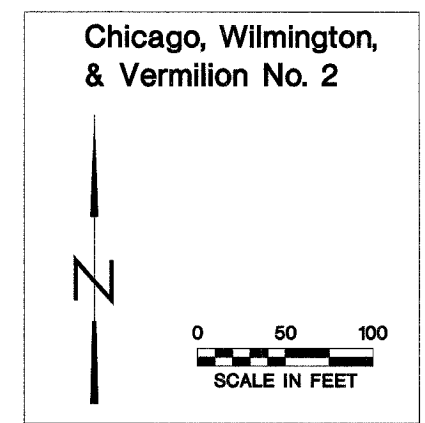




INSTALL 995 S.Y. OF EROSION CONTROL BLANKET 8 FEET WIDE

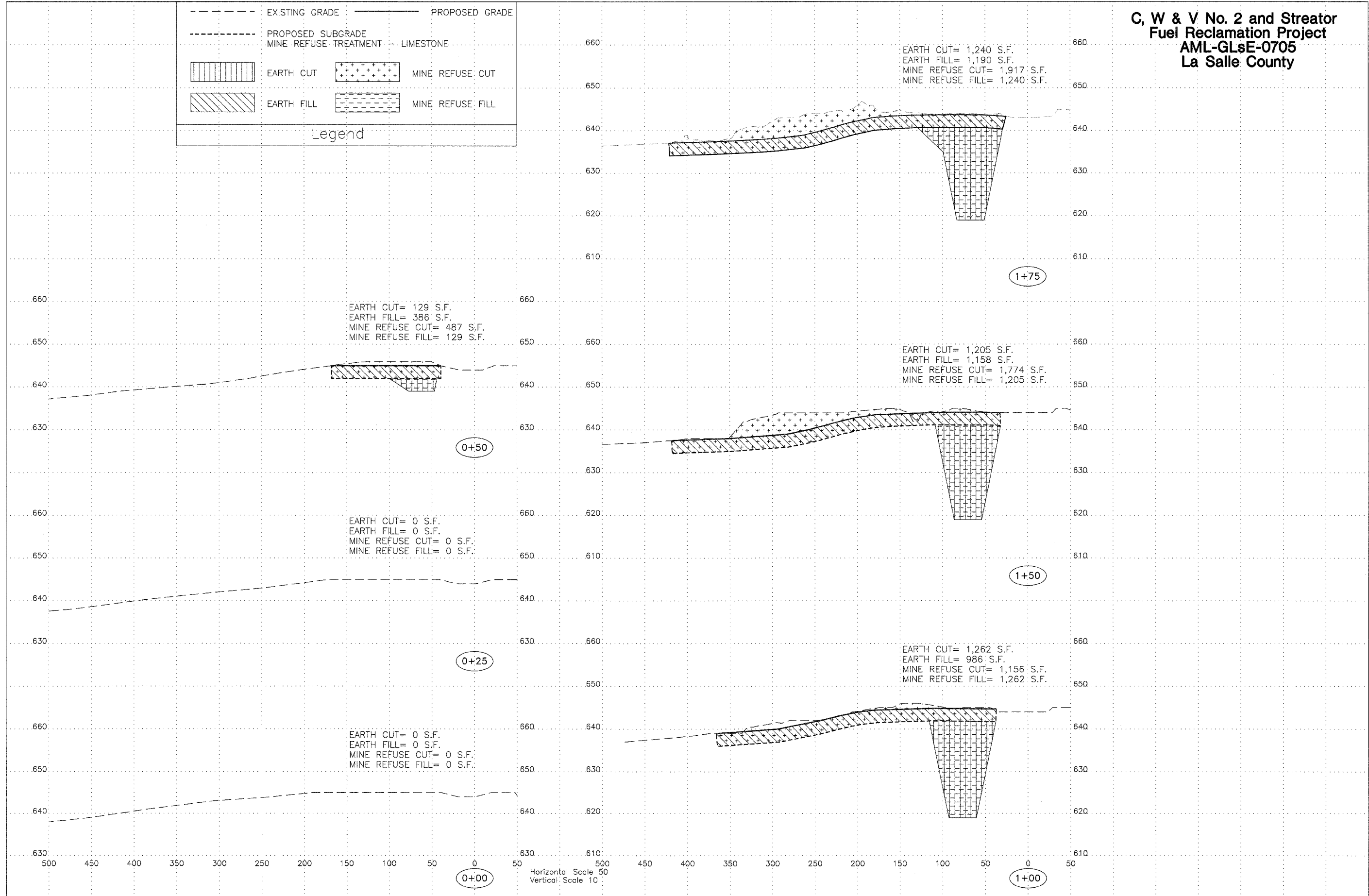
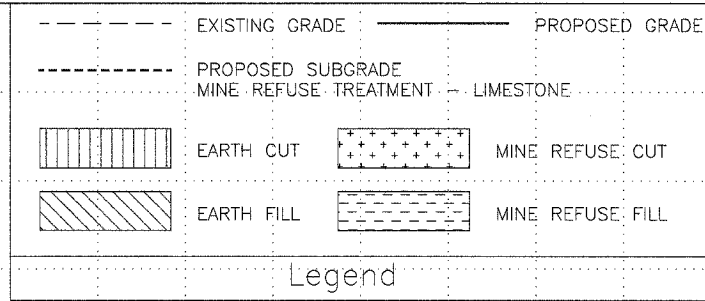
INSTALL 1,191 S.Y. OF EROSION CONTROL BLANKET 8 FEET WIDE

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

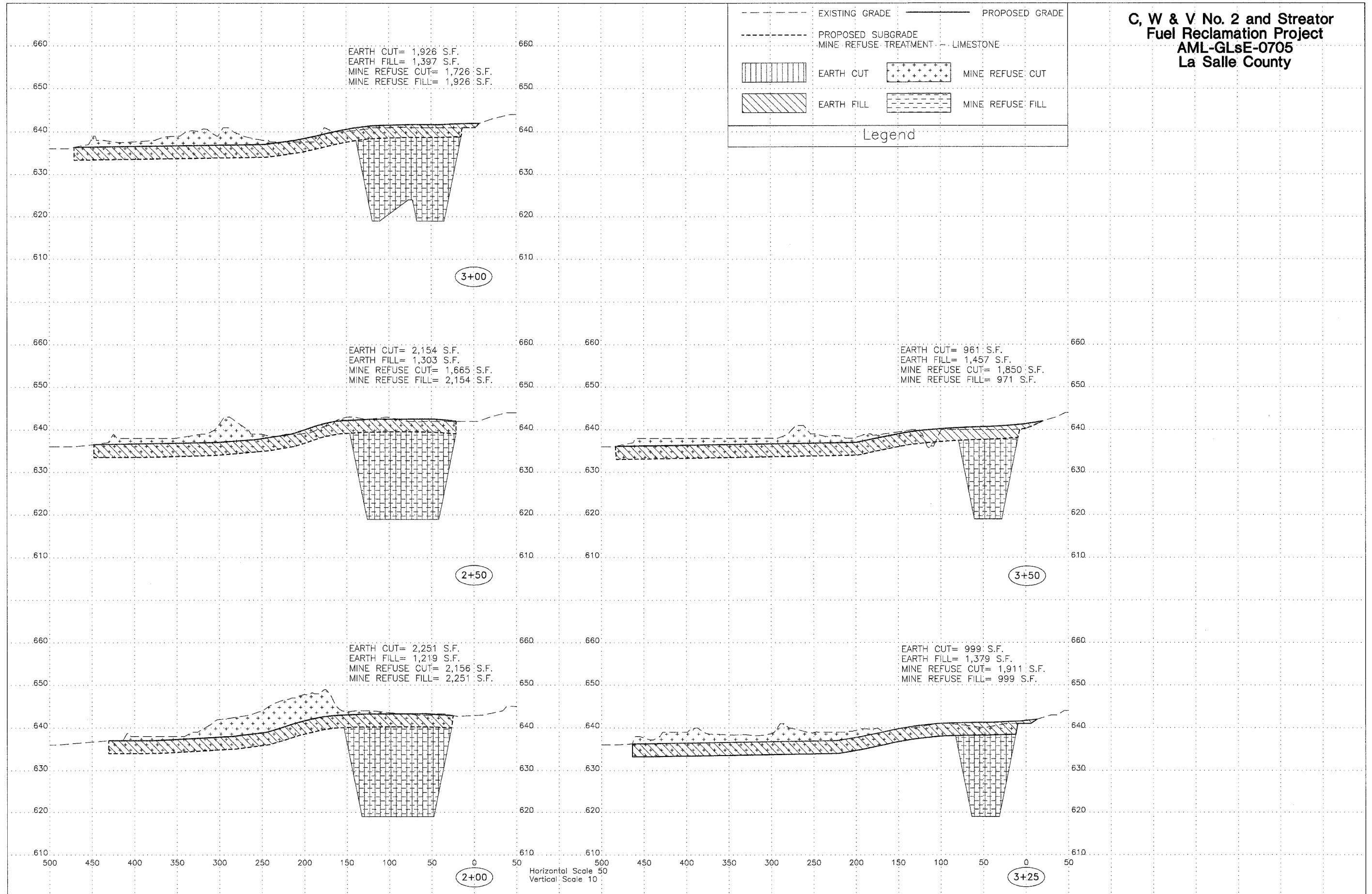


Drawn By: M-LF
Checked By: _____
Date: 6/26/2008

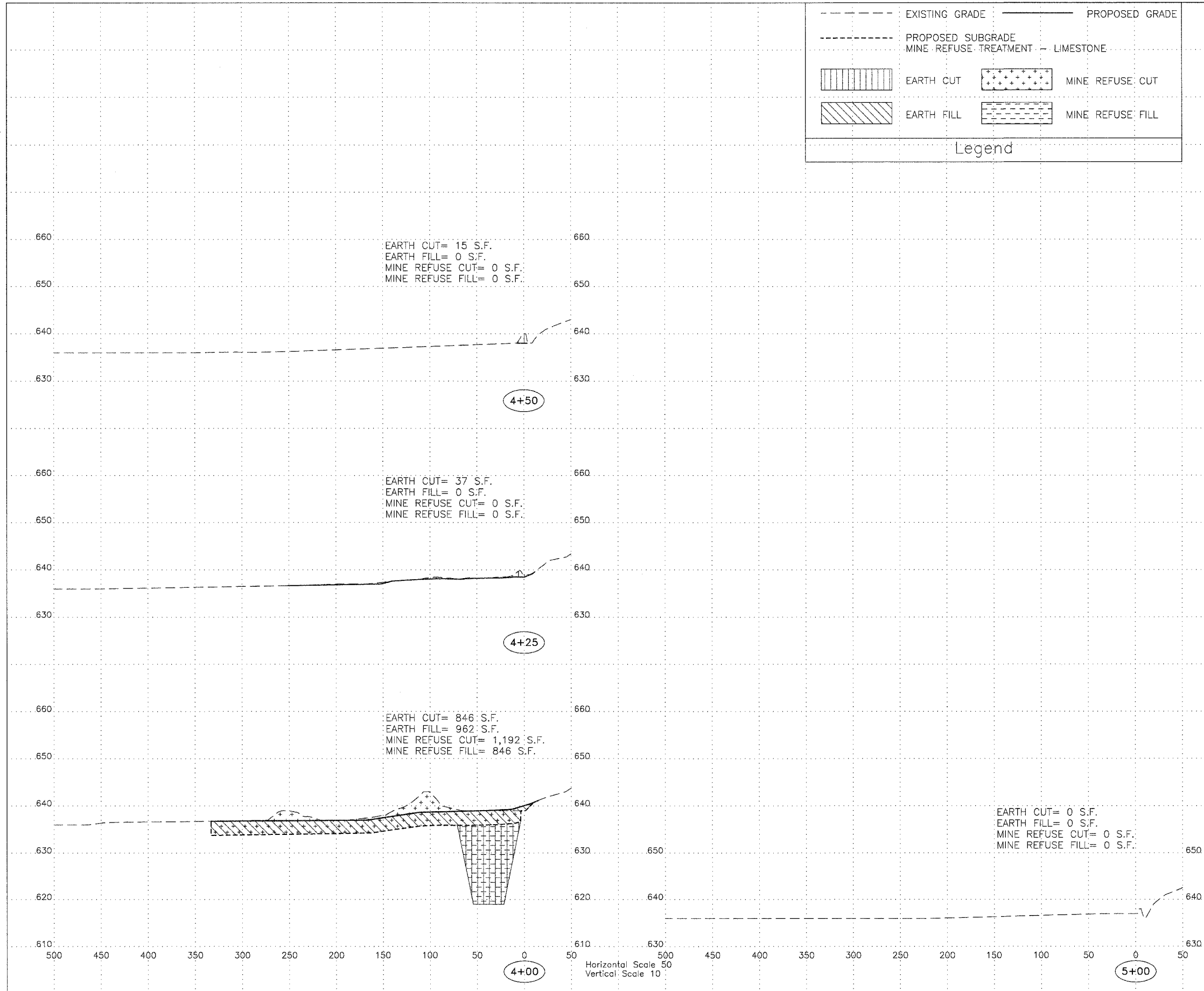
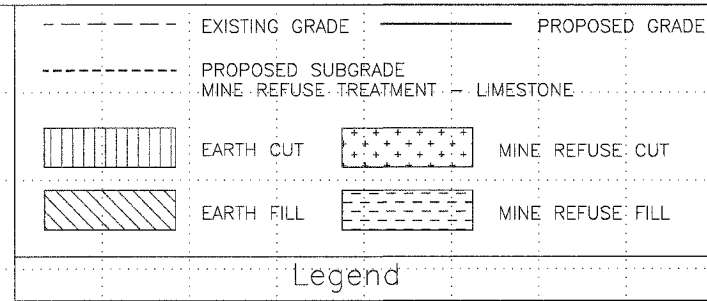
**C, W & V No. 2 and Streator
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La Salle County**



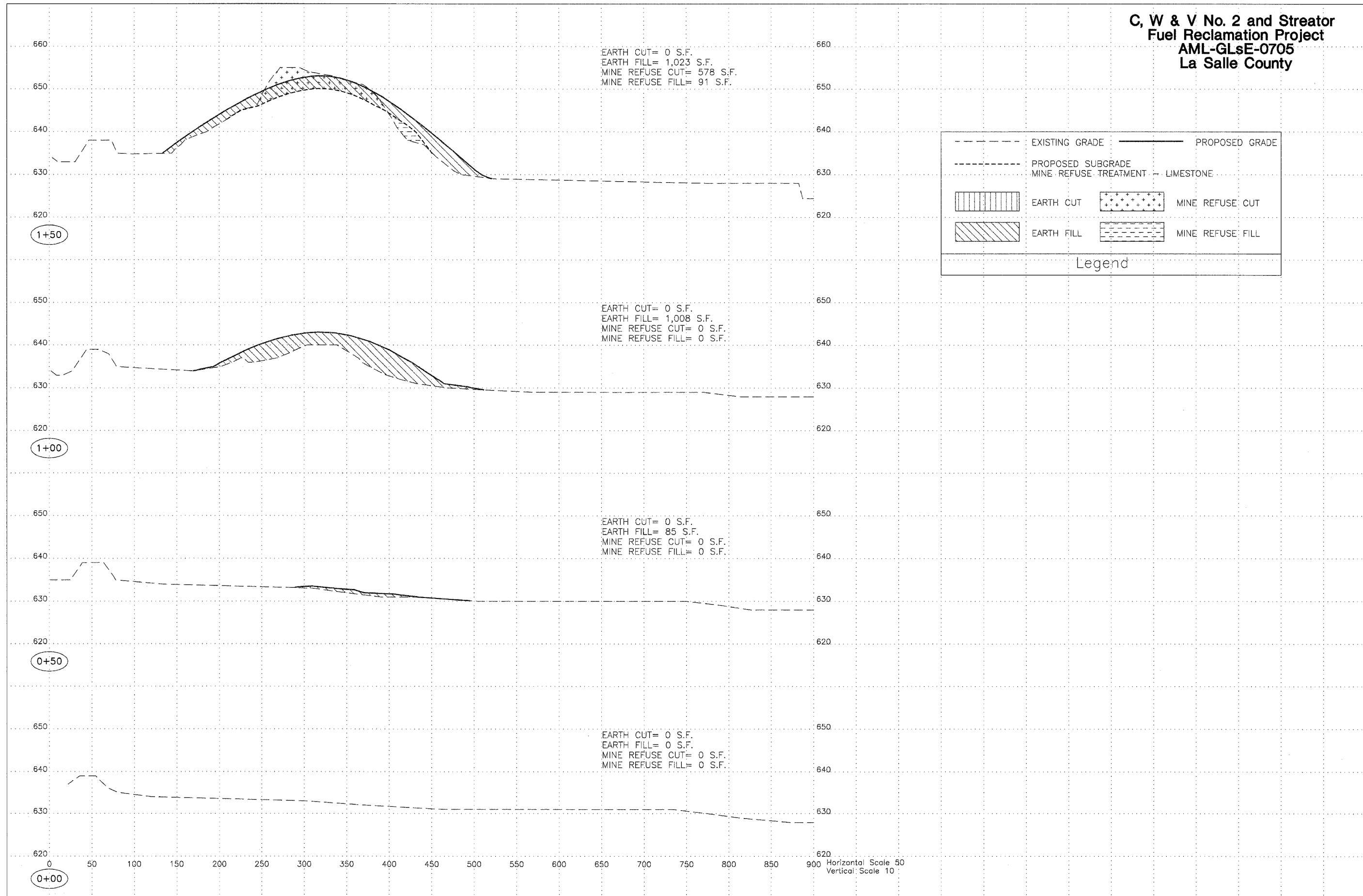
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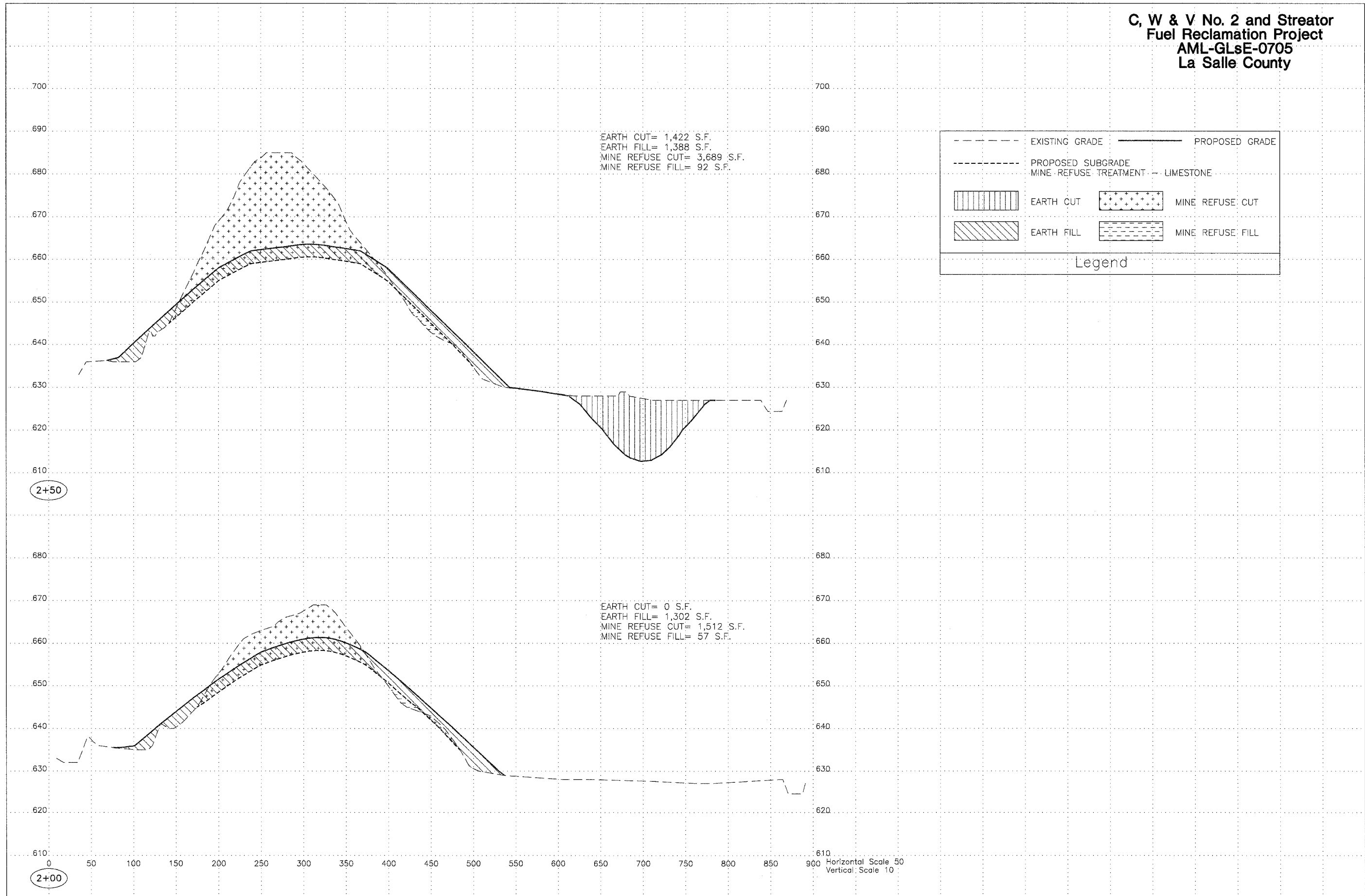
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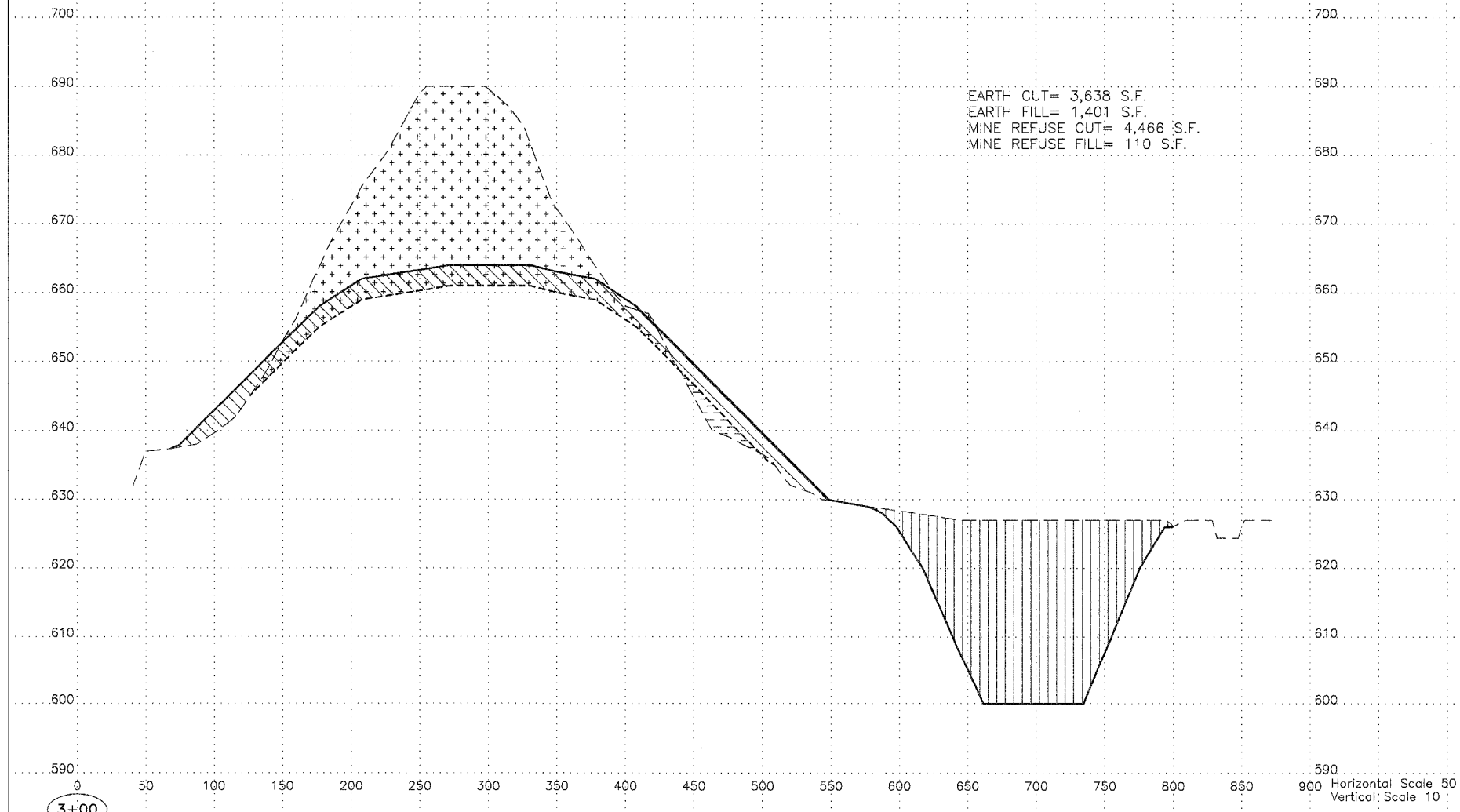


C, W & V No. 2 and Streater
 Fuel Reclamation Project
 AML-GLsE-0705
 La Salle County

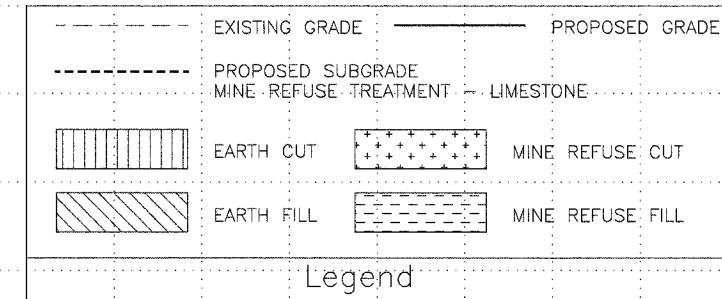
---	EXISTING GRADE	—	PROPOSED GRADE
---	PROPOSED SUBGRADE	---	MINE REFUSE TREATMENT LIMESTONE
[Vertical Lines]	EARTH CUT	[Cross-hatch]	MINE REFUSE CUT
[Diagonal Lines]	EARTH FILL	[Horizontal Dashed]	MINE REFUSE FILL

Legend

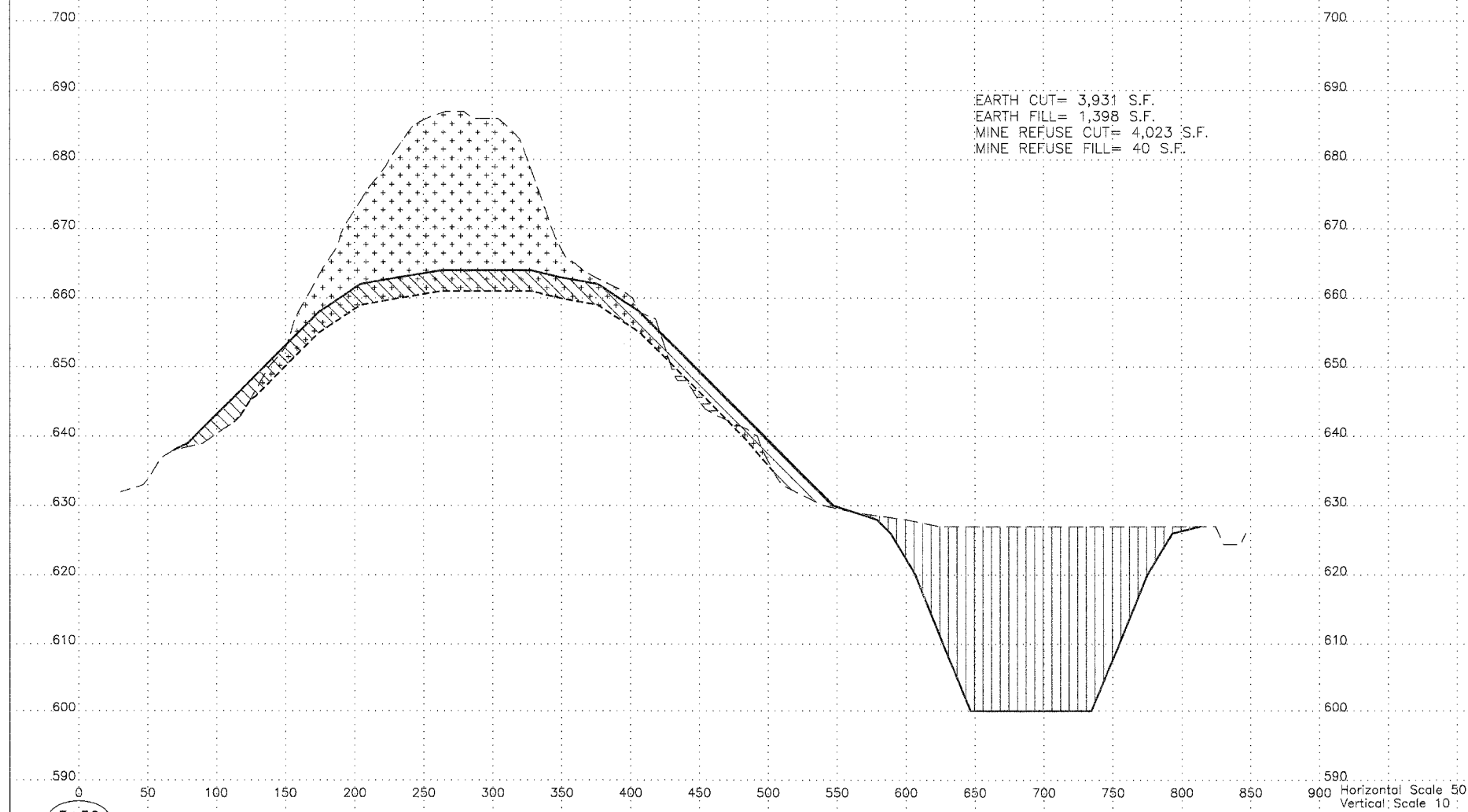
EARTH CUT= 3,638 S.F.
 EARTH FILL= 1,401 S.F.
 MINE REFUSE CUT= 4,466 S.F.
 MINE REFUSE FILL= 110 S.F.



C, W & V No. 2 and Streator
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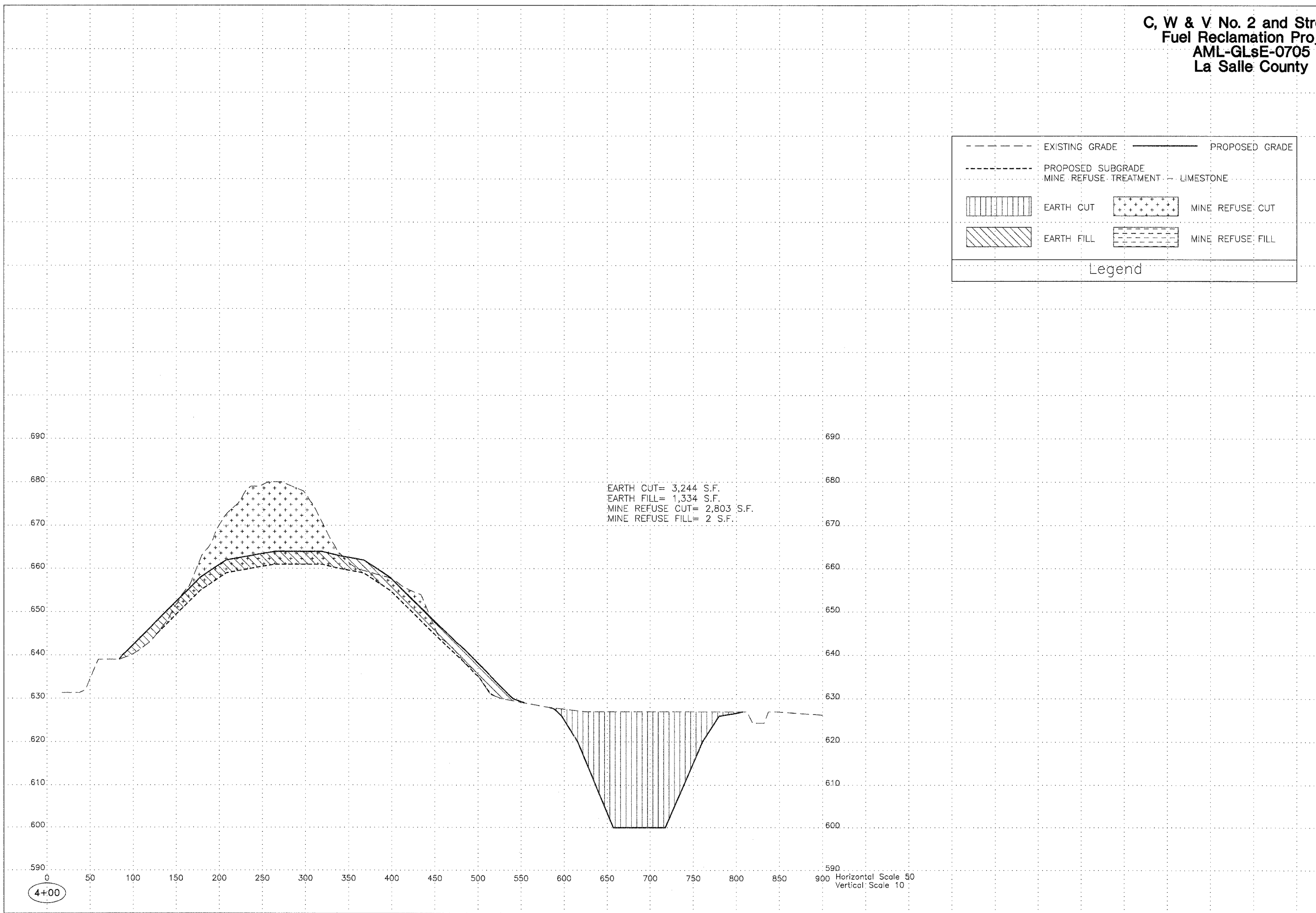
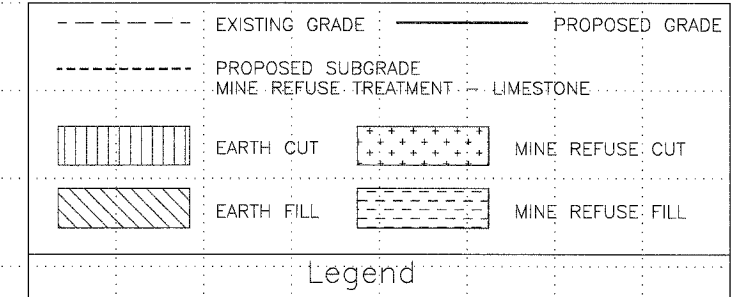


EARTH CUT= 3,931 S.F.
 EARTH FILL= 1,398 S.F.
 MINE REFUSE CUT= 4,023 S.F.
 MINE REFUSE FILL= 40 S.F.



3+50

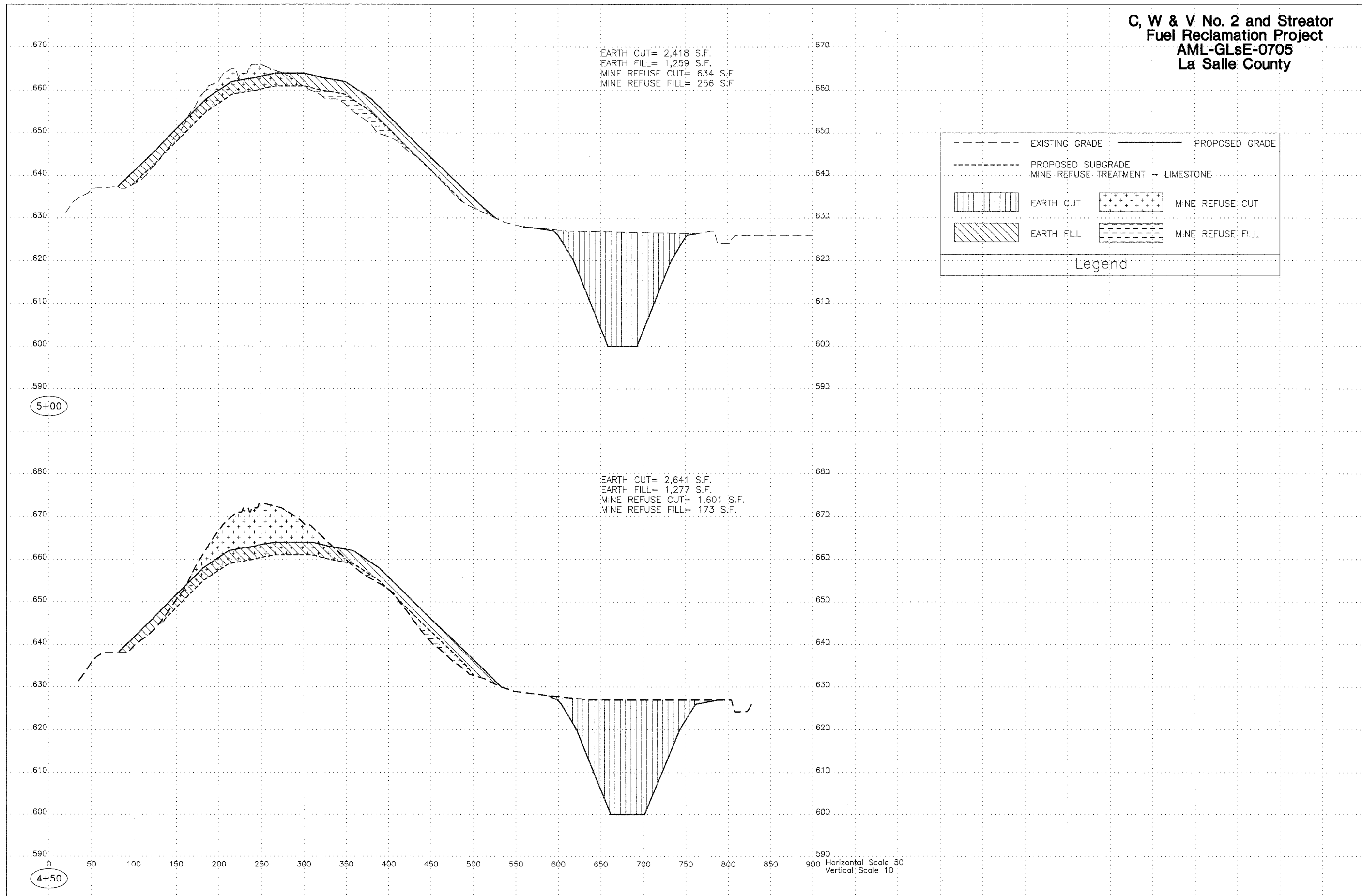
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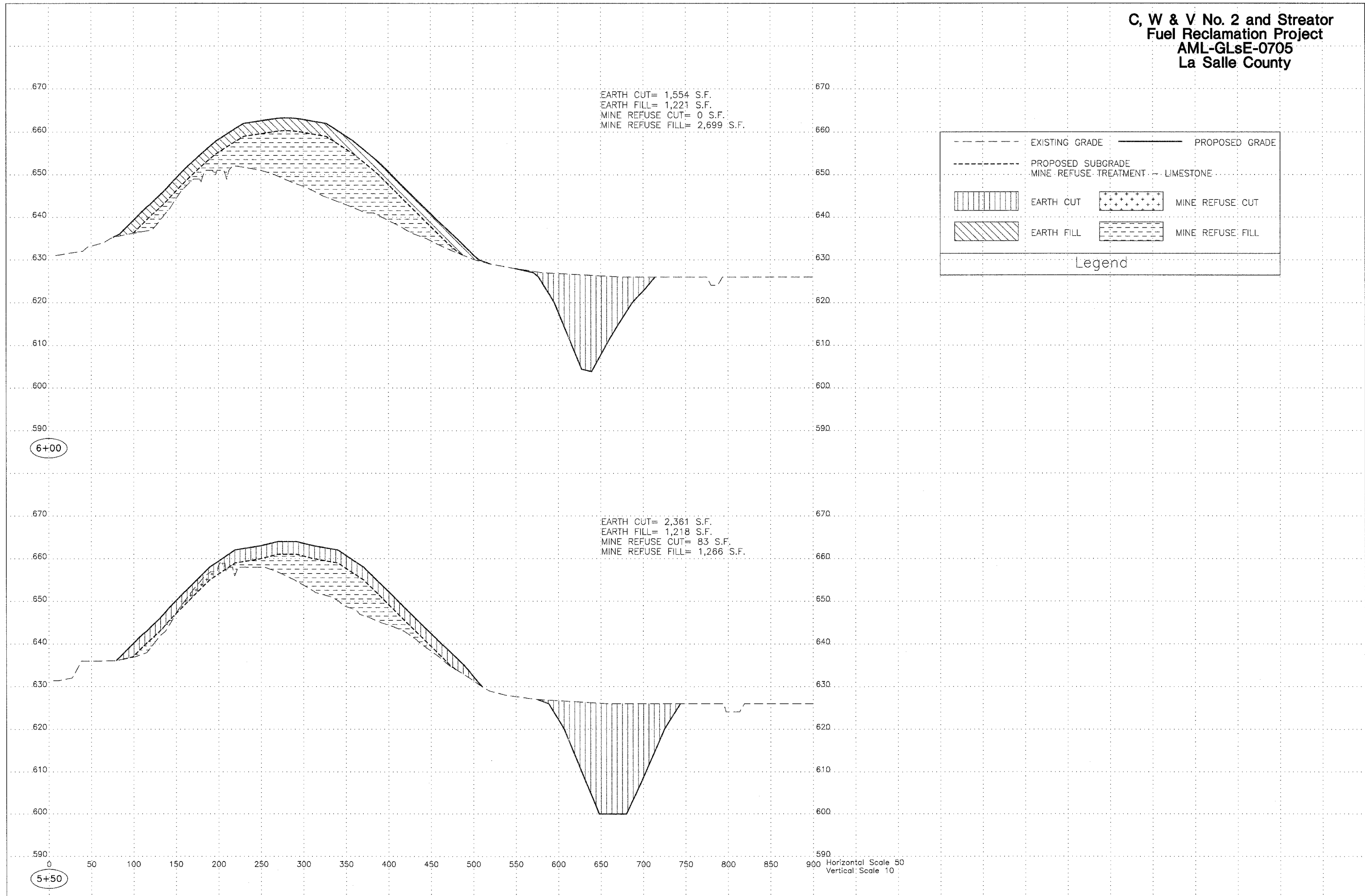
4+00

Horizontal Scale 50
Vertical Scale 10

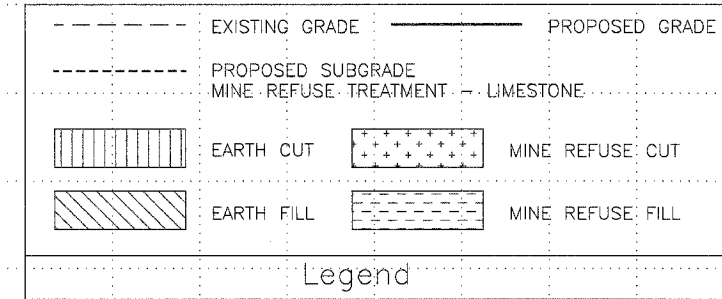
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**C, W & V No. 2 and Streater
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La Salle County**



EARTH CUT= 836 S.F.
EARTH FILL= 1,188 S.F.
MINE REFUSE CUT= 0 S.F.
MINE REFUSE FILL= 3,157 S.F.

EARTH CUT= 1,000 S.F.
EARTH FILL= 1,210 S.F.
MINE REFUSE CUT= 0 S.F.
MINE REFUSE FILL= 3,427 S.F.

7+00

6+50

Horizontal Scale 50
Vertical Scale 10

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