



2001.11.16 MLR mod
application

Geological & Environmental Consultants
to the Mining and Minerals Industry

GREENBUSH RESOURCES, INC. • 78 Troy Rd. East Greenbush NY 12061 • Ph. 518.479.0329 • Fax 518.479.5335

**Modification to
Norlite Corporation
Mined Land Use Plan
Mine File # 401-3-32-0002**

**Prepared for:
Norlite Corporation
628 S. Saratoga Street
Cohoes, N. Y. 12047**

November 16, 2001



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1.0 INTRODUCTION

As specified in General Condition #3 of the Mined Land Reclamation Permit (MLF#401-3-32-0002), Norlite Corporation is submitting a Mining Permit Application and a written text to the New York State Department of Environmental Conservation (DEC) for modification to its existing five-year permit term, which expires on December 2, 2002.

2.0 MODIFICATION

- 2.1 Norlite is seeking to change Future Excavation Area #2 (5.2 acres) and Future Overburden Storage Area#2 (6.5 acres) to excavation areas. These areas are already included in the Affected Area Boundary line as indicated on the Mining Plan. These areas have been identified as Excavation Area #2 and Excavation Area #3 on the Mining Plan map. This modification will add 11.7 acres of excavation area to the mine.
- 2.2 Norlite is seeking to change the area west of Future Excavation Area #2 and Future Overburden Storage Area #2, but within the February 1977 SEQR Grandfathered Boundary line, to Overburden Storage Area #2. This area is included in the new Affected Area Boundary line on the attached map. This modification will add approximately 7.2 acres to the total affected area.
- 2.3 Norlite is also seeking to change the area south of the former Future Excavation Area #1 and Future Excavation Area #2, but within the February 1977 SEQR Grandfathered Boundary line, to Overburden Storage Area #3. This area is included in the new Affected Area Boundary line on the attached map. This modification will add approximately 7.5 acres to total affected area.

3.0 LINE OF SIGHTS AND PHOTOGRAPHS

Six lines of sights from various areas are shown on The Mining Plan map and in Cross-sections appended. Each line of sight shows a 6-foot tall persons view of the mine operation.

Topography and/or vegetation block views of the mining operation. Photographs are also appended to show visuals from these lines of sight depicted on the Mining Plan Map.

4.0 SUMMARY

The modification of Excavation area #2 and #3 are within the previously approved excavation/affected area. The areas submitted for current approval are Overburden Stockpile Areas #2 and #3. These areas are within the February 1977 SEQR Grandfathered Boundary. Overburden Stockpile Area #3 (7.5acres) is contiguous to Norlite property, therefore, has no 25' setback. Overburden Stockpile area #2 (7.2acres) has a 25' setback as required.

APPENDIX A



Photograph 1 Looking From Lark St.



Photograph 2 Looking From Lark St.



Photograph 3 Looking From Lark St.



Photograph 4 Looking From The End of Lark St.



Photograph 5 Looking From Lark St.



Photograph 6 Looking From Kirkner Lane



Photograph 7 looking from Boght Road toward Norlite



Photograph 8 looking from Boght Road towards Norlite

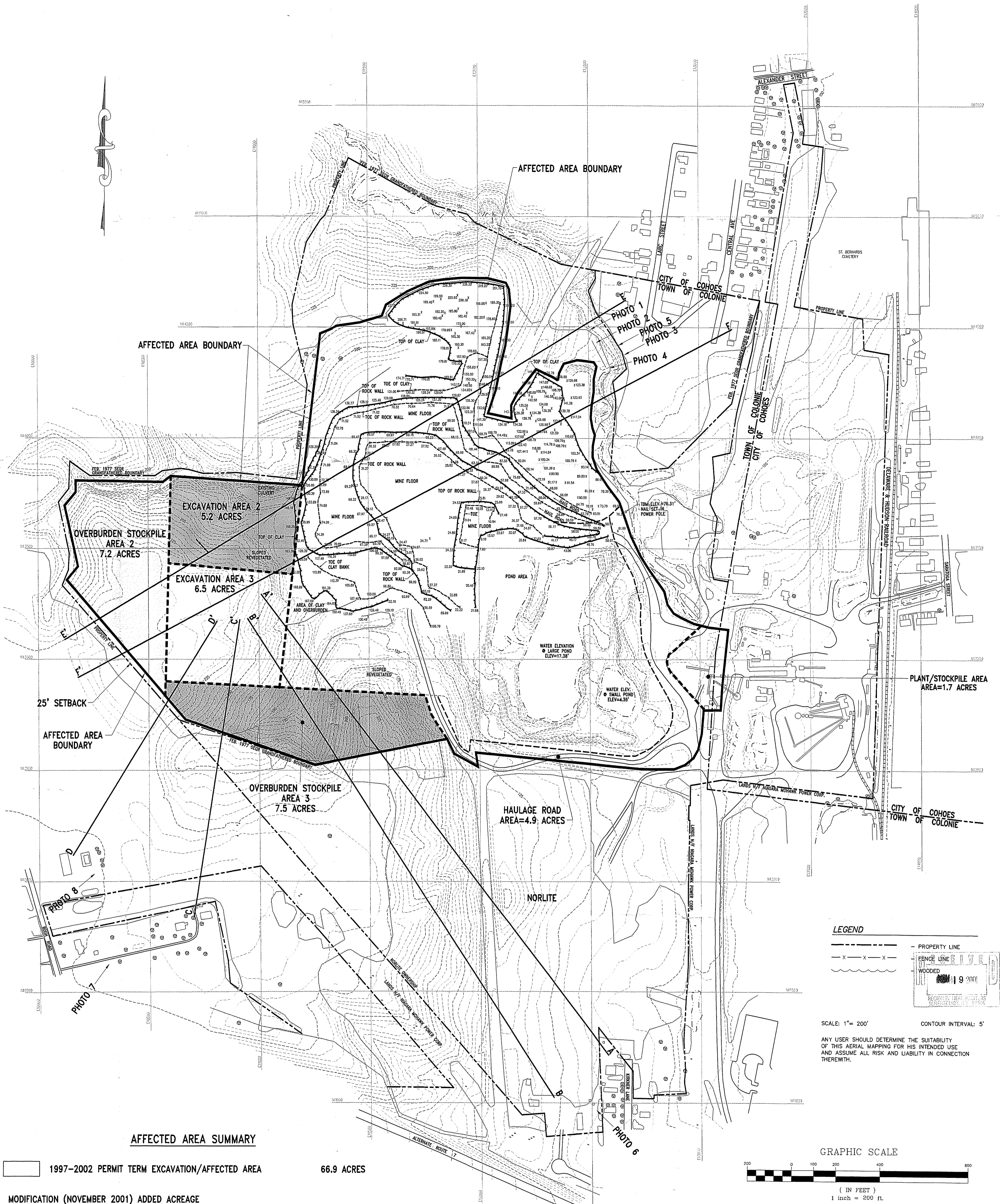
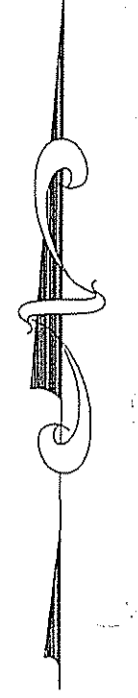
APPENDIX B

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES
MINED LAND RECLAMATION PROGRAM

MINING PERMIT APPLICATION

1. MINED LAND FILE NUMBER (if assigned) 41011-131-13121-10101012		2. TELEPHONE NUMBER (518) 235-0401	
3. NAME OF APPLICANT Norlite Corporation			
4. PERMANENT ADDRESS 628 South Saratoga Street			
CITY Cohoes		STATE NY	ZIP CODE 12047
5. CONTACT PERSON Tim Lachell		6. TELEPHONE NUMBER (518) 235-0401	
8. TAXPAYER ID If other than individual, provide Federal Taxpayer ID Number 04-2538496			9. APPLICATION TYPE <input type="checkbox"/> New <input type="checkbox"/> Renewal <input checked="" type="checkbox"/> Modification
10. a. PRESENT PERMIT TERM Expiration date 12/ 2/02		b. COMING PERMIT TERM <input checked="" type="checkbox"/> 5 years <input type="checkbox"/> Other years	
11. COMMON GEOLOGIC NAME OF MINERAL TO BE MINED Shale			
12. LOCAL ORDINANCES a. Is mining prohibited at this location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		b. Does the local government require any type of permit for mining at this location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
13. a. ARE ANY OTHER STATE MINING PERMITS CURRENTLY HELD BY THE APPLICANT? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		b. If YES, give DEC mine file number(s).	
14. Has any owner, partner, corporate officer or corporate director of your organization ever held any of these positions in another organization that has had a New York State mining permit SUSPENDED OR REVOKED or has had a New York State mined land reclamation bond FORFEITED ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, identify the person(s).			
15. ACREAGE SUMMARY (To be filled in by applicant)			FOR OFFICIAL DEC USE ONLY
a. Total acreage controlled by owner at this location			_____ acres
b. Total acreage permitted by DEC prior to this application			_____ acres
c. Total acreage affected since April 1, 1975			_____ acres
d. Total acreage approved by DEC as reclaimed since April 1, 1975			_____ acres
e. Current affected acreage (c minus d)			_____ acres
f. Acreage included in this application, but not previously approved			_____ acres
g. New acreage to be affected during the coming permit term			_____ acres
h. Number of acres to be reclaimed during coming permit term			_____ acres
16. NAME OF MINING SITE			
17. MINE LOCATION Road <u>Saratoga Street</u> Nearest Road Intersection <u>Elm Street</u> Town <u>Colonie</u> County <u>Albany</u>		18. MAP LOCATION a. Quadrangle Name <u>Troy North</u> b. <input type="checkbox"/> 15 minute <input checked="" type="checkbox"/> 7½ minute NYTM'S _____ E, 4 _____ N	
19. NAME AND ADDRESS OF SURFACE LANDOWNER Norlite Corporation 628 South Saratoga Street Cohoes, NY 12047			
20. NAME AND ADDRESS OF MINERAL OWNER (if different)			
21. I am the owner <input type="checkbox"/> in fee, <input checked="" type="checkbox"/> of the mineral rights of the property that is to be mined by the above applicant. I have read the contents of the Mined Land Use Plan, which sets forth the applicant's mining and reclamation plan for the property to be mined, and I hereby irrevocably consent and agree to the performance of the Mined Land Use Plan by the applicant, his surety or insurer or the NYS Department of Environmental Conservation. I further agree to allow access to the property to department personnel for the purpose of conducting inspections or investigations in the regular course of their duties.			
SIGNATURE OF OWNER <i>Tim Lachell</i>			DATE 11/16/01
22. I hereby affirm, under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.			
NAME, TITLE AND SIGNATURE OF APPLICANT OR AUTHORIZED REPRESENTATIVE Tim Lachell, Plant Manager <i>Timothy F. Lachell</i>			DATE 11/16/01

**LINE OF SIGHTS
MAP**



AFFECTED AREA SUMMARY

	1997-2002 PERMIT TERM EXCAVATION/AFFECTED AREA	66.9 ACRES
MODIFICATION (NOVEMBER 2001) ADDED ACREAGE		
	NEW OVERBURDEN STOCKPILE AREA 2	7.2 ACRES
	NEW OVERBURDEN STOCKPILE AREA 3	7.5 ACRES
	FORMER FUTURE EXCAVATION AREA 2 (REMAINS)	5.2 ACRES
	FORMER FUTURE OVERBURDEN STORAGE AREA 2 TO EXCAVATION AREA 3	6.5 ACRES
TOTAL MODIFICATION EXCAVATION/AFFECTED AREA		26.4 ACRES
TOTAL EXCAVATION/AFFECTED AREA		93.3 ACRES

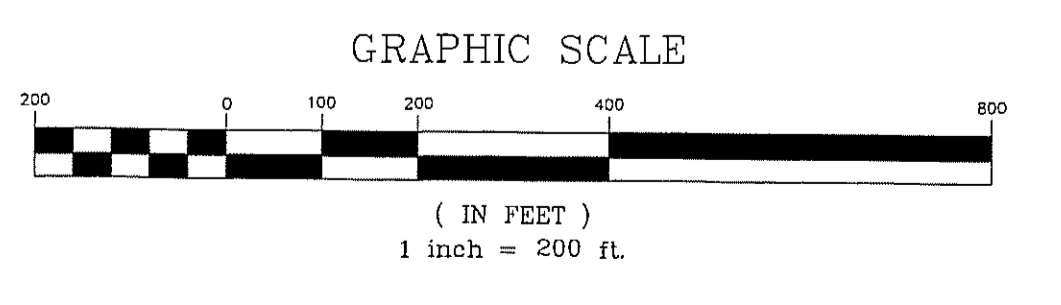
LEGEND

- PROPERTY LINE
- FENCE LINE
- WOODED

RECORDED BY HEAT 11/9/2001
SUBSEQUENT TO 11/17/01

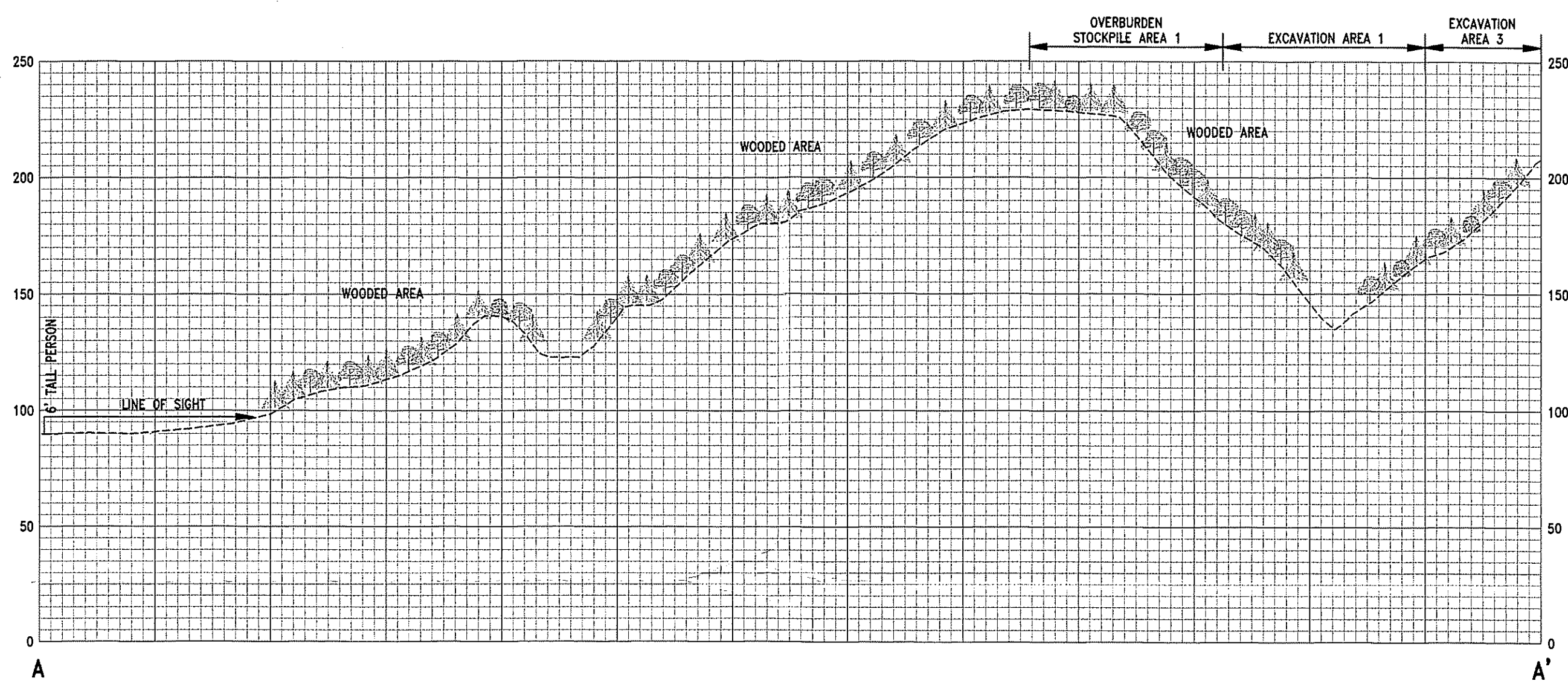
SCALE: 1" = 200' CONTOUR INTERVAL: 5'

ANY USER SHOULD DETERMINE THE SUITABILITY OF THIS AERIAL MAPPING FOR HIS INTENDED USE AND ASSUME ALL RISK AND LIABILITY IN CONNECTION THEREWITH.

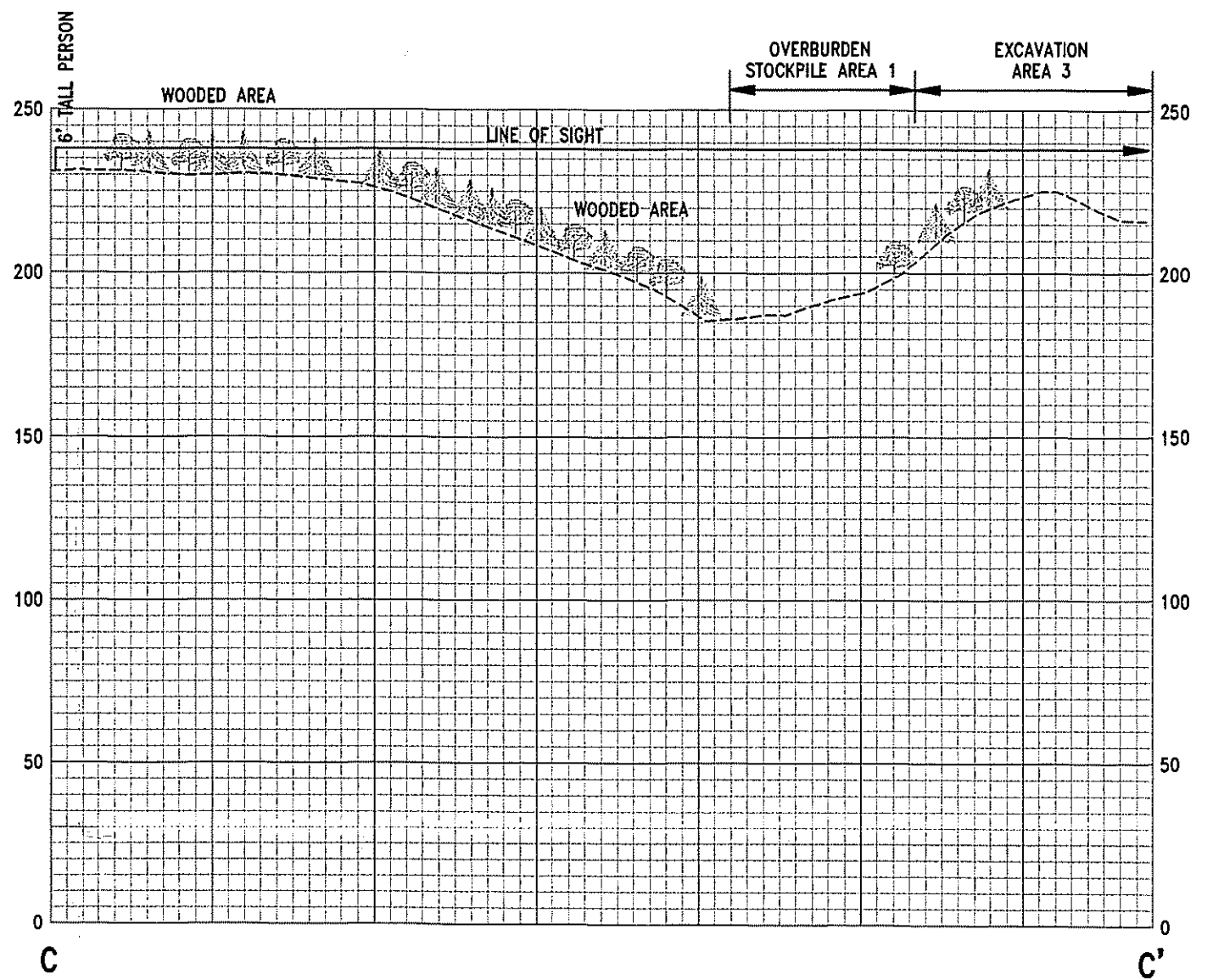


REVISIONS		
DATE	REVISION	BY

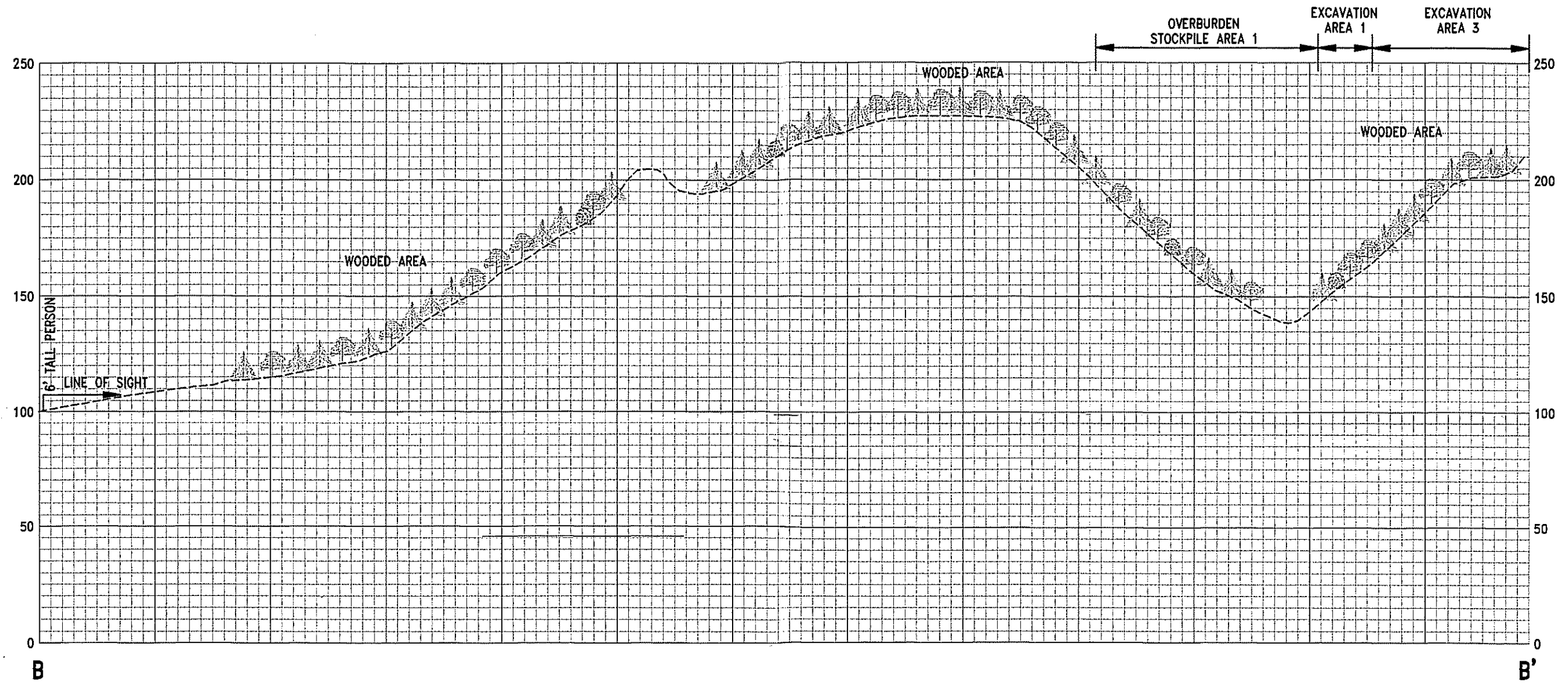
MINING PLAN
NORLITE CORPORATION
COHOES QUARRY
 TOWN OF COLONIE • COUNTY OF ALBANY • STATE OF NEW YORK
 SCALE: 1" = 200' DATE: 11/09/01
GREENBUSH RESOURCES, INC.
 78 TROY ROAD
 East Greenbush, NY 12061
 PHONE: (518) 479-0329 FAX: (518) 478-5335 SHEET 1 OF 1



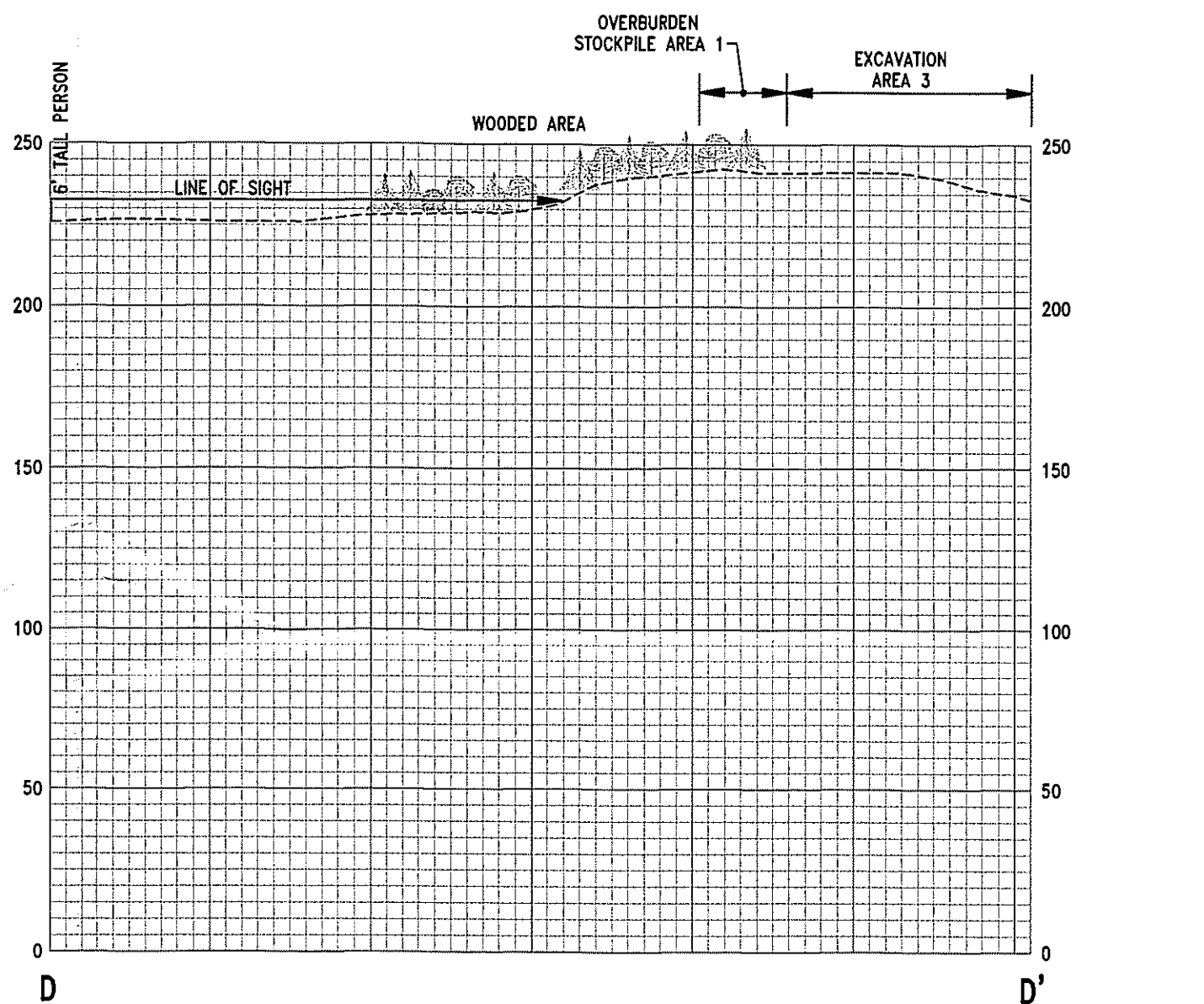
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LOOKING NORTHWEST
SCALE: HORIZ. 1"=200'
VERT. 1"=50'



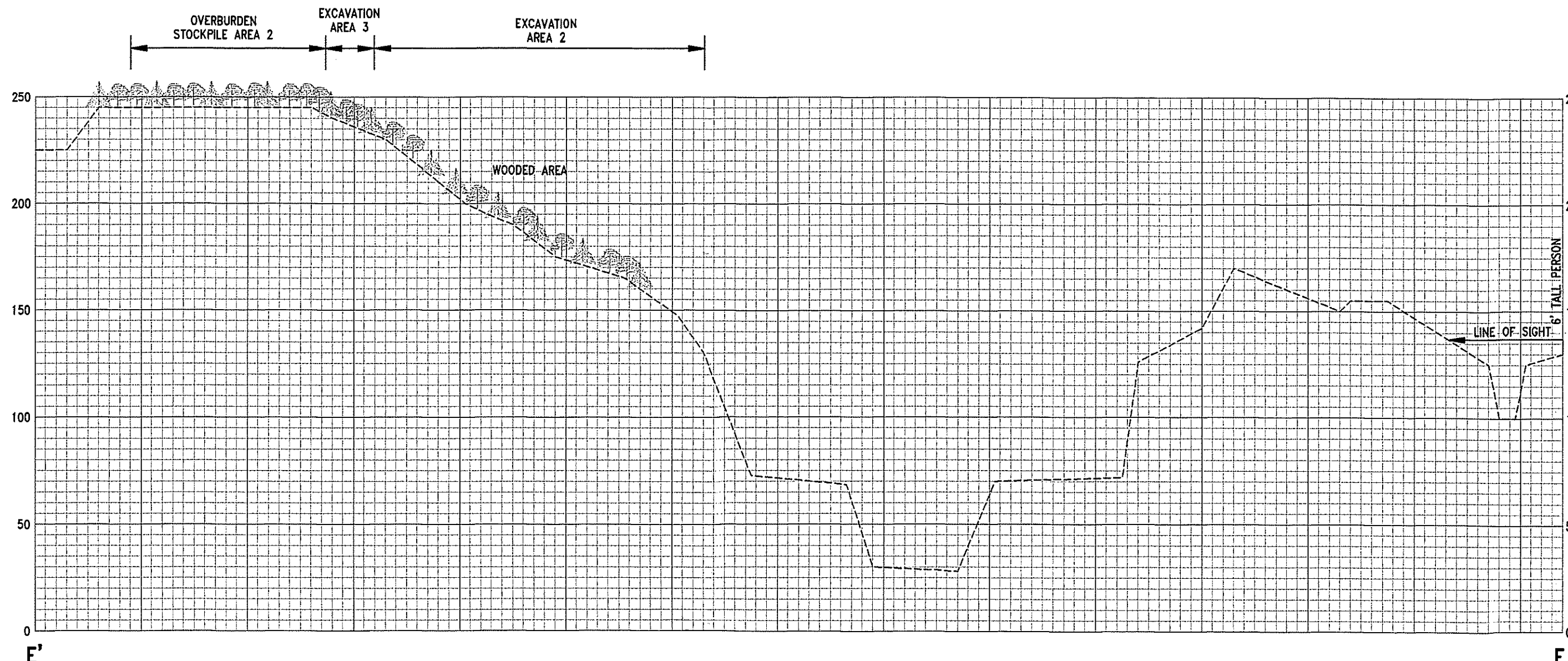
SECTION C-C'
LOOKING NORTH
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VERT. 1"=50'



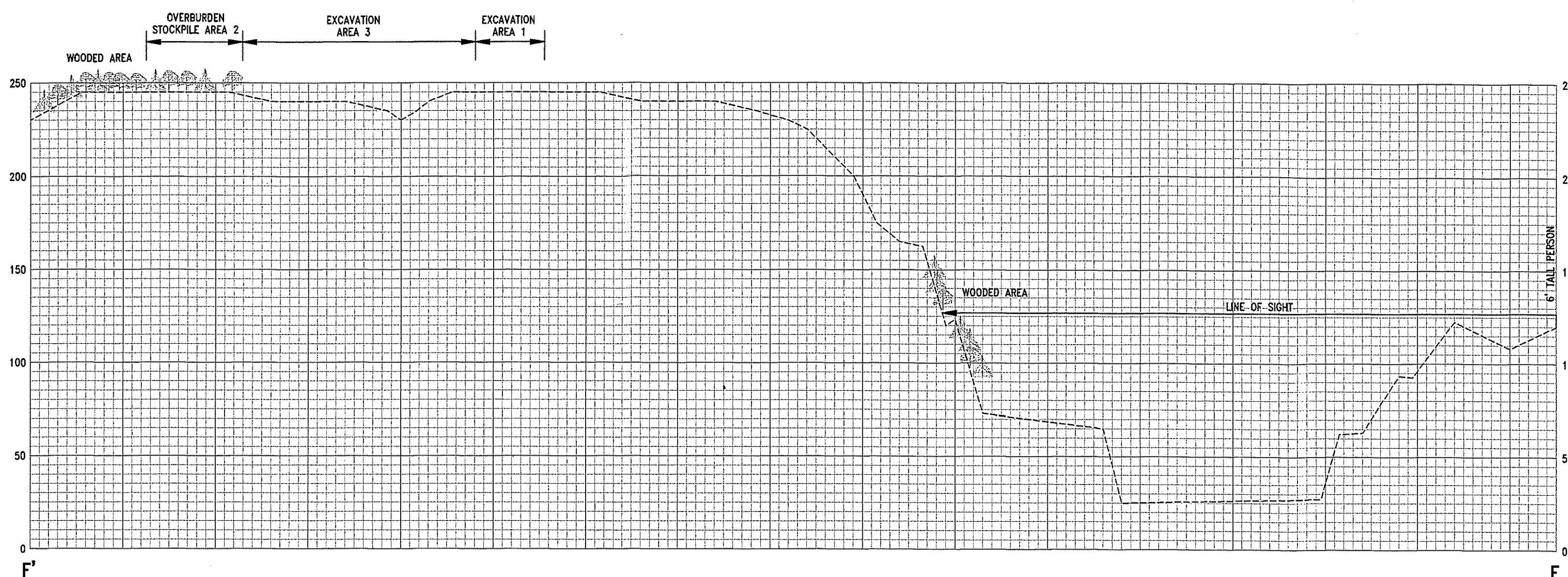
SECTION B-B'
LOOKING NORTHWEST
SCALE: HORIZ. 1"=200'
VERT. 1"=50'



SECTION D-D'
LOOKING NORTHEAST
SCALE: HORIZ. 1"=200'
VERT. 1"=50'



SECTION E-E'
LOOKING SOUTHWEST
SCALE: HORIZ. 1"=200'
VERT. 1"=50'



SECTION F-F'
LOOKING SOUTHWEST
SCALE: HORIZ. 1"=200'
VERT. 1"=50'

REVISIONS		
DATE	REVISION	BY

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