

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

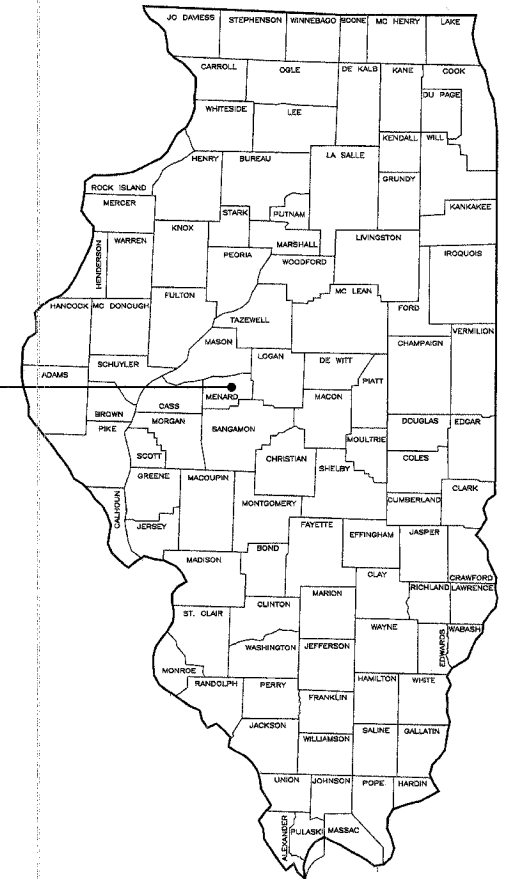
New Hilltop Mine Group
Reclamation Project
AML-GMnE-0706
Menard County
2LR

SCHEDULE OF DRAWINGS:

1. Cover Sheet
2. Summary of Quantities/General Notes/Location Map
3. Existing & Proposed Conditions - New Hilltop Mine
4. Existing & Proposed Conditions - Riverside Mine
5. Existing & Proposed Conditions - Wabash C.C. No. 2
6. Cross Sections - Wabash C.C. No. 2
7. Details

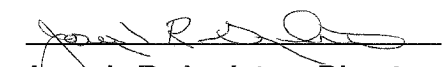
I.D.O.T. Standard 665001 Woven Wire Fence

New Hilltop Mine Group
Menard County




Prepared By IDNR Staff

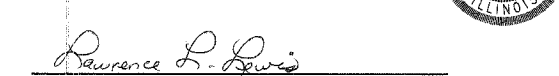
Approved for Bidding:


 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	Quantities			Totals	Unit	Rates/Remarks
			New Hilltop	Wabash No. 2	Riverside			
1	Special Clearing	201	0.4	0.4	0.2	1	L.S.	
2	Earth Excavation	202		1,486		1,486	C.Y.	
3	Special Excavation	214	224	75	36	335	C.Y.	
4	CA-6 Fill	216	1,109	146.6	110	1,365.60	Ton	
5	Seeding, Class 6, Conservation Mixture	IDOT 250	1.1	1.7	0.2	3	Acre	
6	Agricultural Ground Limestone	IDOT 250	0	34	0	34	Ton	20 Tons/Acre
7	Nitrogen Fertilizer Nutrient	IDOT 250	132	204	24	360	Pound	120 Pounds/Acre
8	Phosphorus Fertilizer Nutrient	IDOT 250	110	170	20	300	Pound	100 Pounds/Acre
9	Potassium Fertilizer Nutrient	IDOT 250	385	595	70	1,050	Pound	350 Pounds/Acre
10	Mulch, Method 2, Procedure 1	IDOT 251	1.1	1.7	0.2	3	Acre	2 Tons/Acre
11	Woven Wire Fence	IDOT 665	160			160	Foot	
12	Mine Opening Marker	666	1	1	1	3	Each	
13	Mobilization	671	0.4	0.4	0.2	1	L.S.	Maximum 6% of Bid

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.

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.

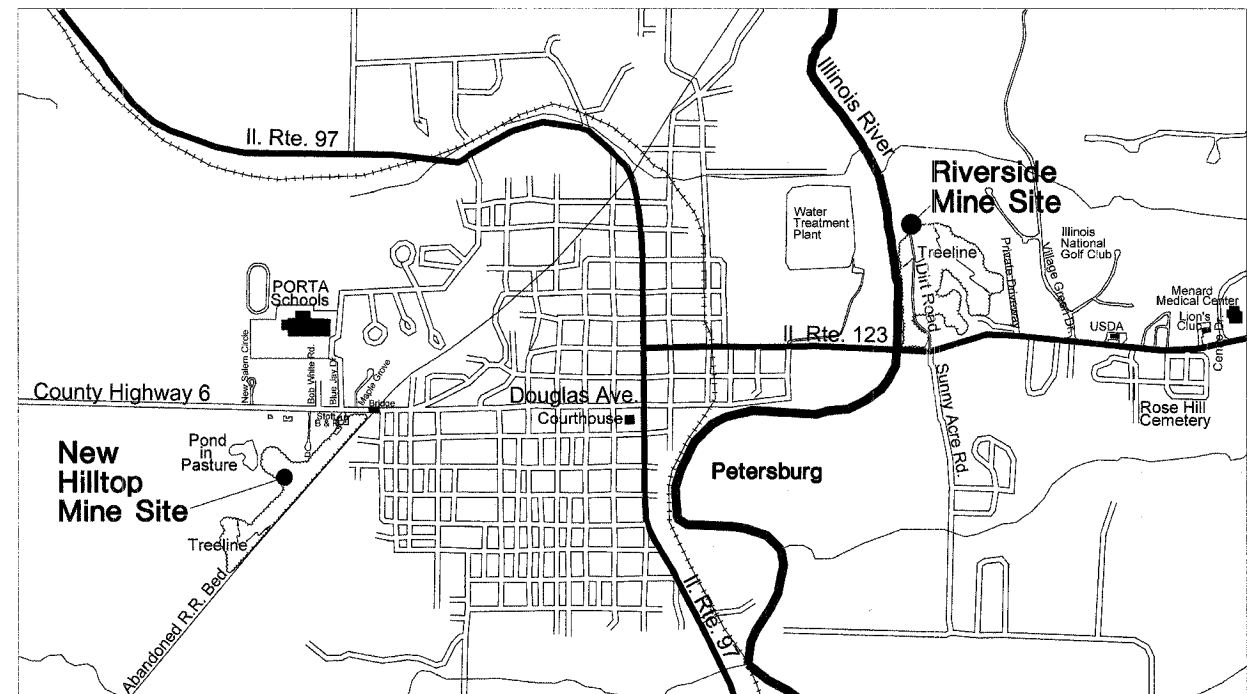
The contractor shall provide and pay for all field engineering services to execute the project as specified in the Field Engineering section of the Special Provisions.

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

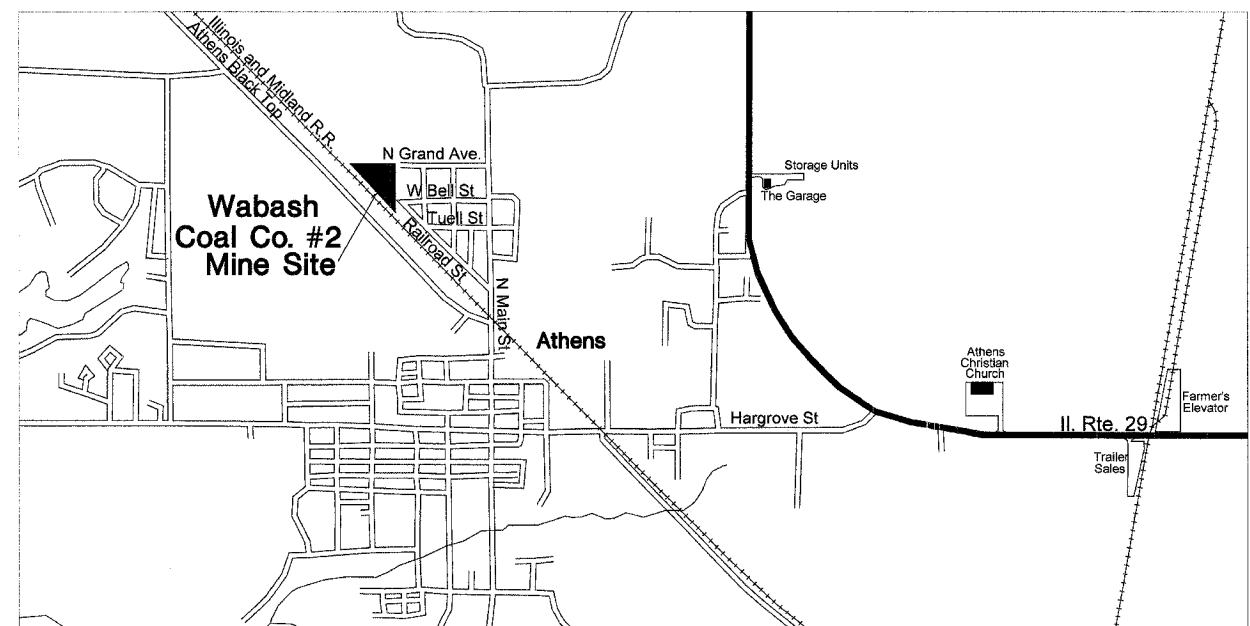
Unless noted on the plans, all onsite access roads may be used for construction and must be maintained during construction and restored to original or better condition at the completion of work by the contractor. Access roads to the site as designated in the plans are to be maintained to the satisfaction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



Location Map - New Hilltop Mine and Riverside Mine Sites



Location Map - Wabash Coal Co. #2 Mine Site

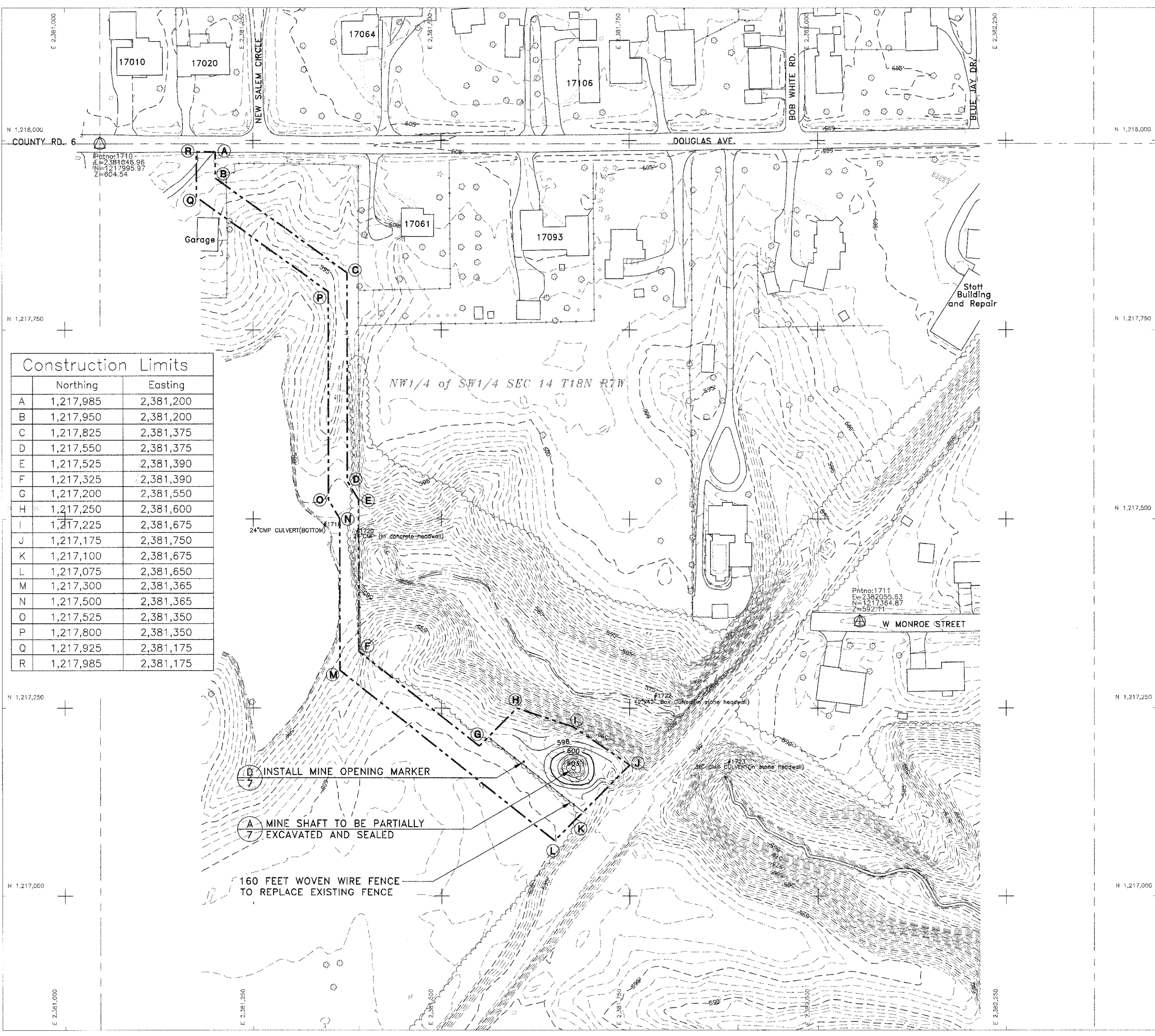


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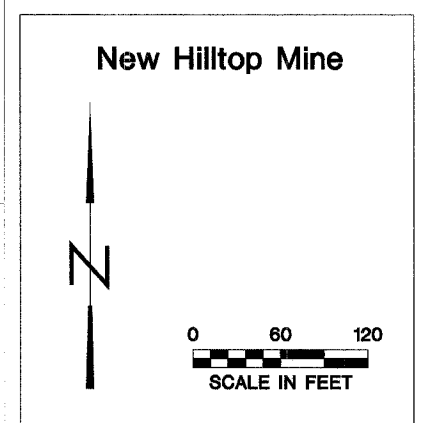
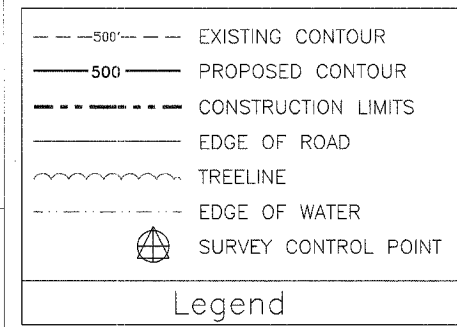
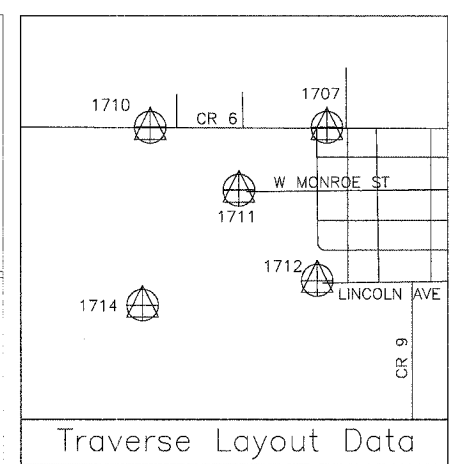
Wabash Coal Co. #2 Mine
Group Reclamation Project
AML-GMnE-0706
Menard County

Date: 11/15/07
T.M.
Drawn By: _____
Checked By: _____

Summary of Quantities/
General Notes/Location Map
Sheet
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Construction Limits		
	Northing	Easting
A	1,217,985	2,381,200
B	1,217,950	2,381,200
C	1,217,825	2,381,375
D	1,217,550	2,381,375
E	1,217,525	2,381,390
F	1,217,325	2,381,390
G	1,217,200	2,381,550
H	1,217,250	2,381,600
I	1,217,225	2,381,675
J	1,217,175	2,381,750
K	1,217,100	2,381,675
L	1,217,075	2,381,650
M	1,217,300	2,381,365
N	1,217,500	2,381,365
O	1,217,525	2,381,350
P	1,217,800	2,381,350
Q	1,217,925	2,381,175
R	1,217,985	2,381,175

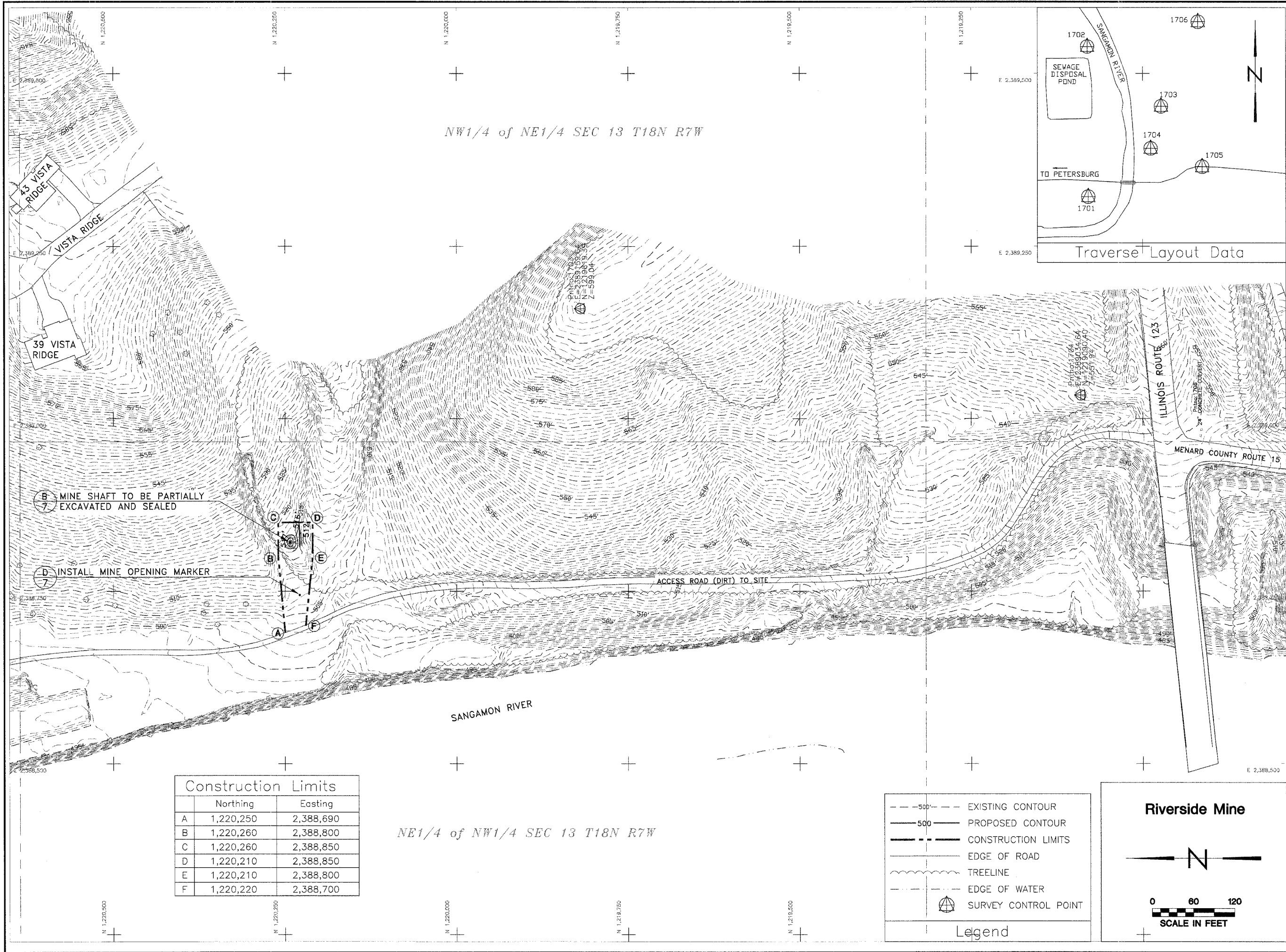


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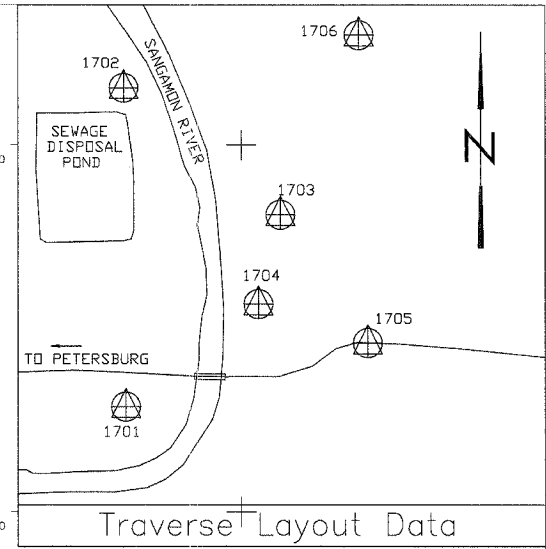
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Checked By: _____
Date: 12/11/2007

Existing & Proposed
Conditions
Sheet
3 of 7



NW1/4 of NE1/4 SEC 13 T18N R7W

NE1/4 of NW1/4 SEC 13 T18N R7W



Traverse Layout Data

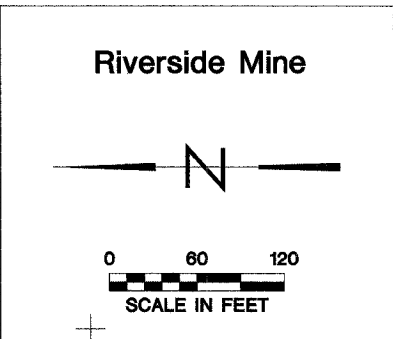
B MINE SHAFT TO BE PARTIALLY EXCAVATED AND SEALED

D INSTALL MINE OPENING MARKER

Construction Limits		
	Northing	Easting
A	1,220,250	2,388,690
B	1,220,260	2,388,800
C	1,220,260	2,388,850
D	1,220,210	2,388,850
E	1,220,210	2,388,800
F	1,220,220	2,388,700

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

Legend



Riverside Mine

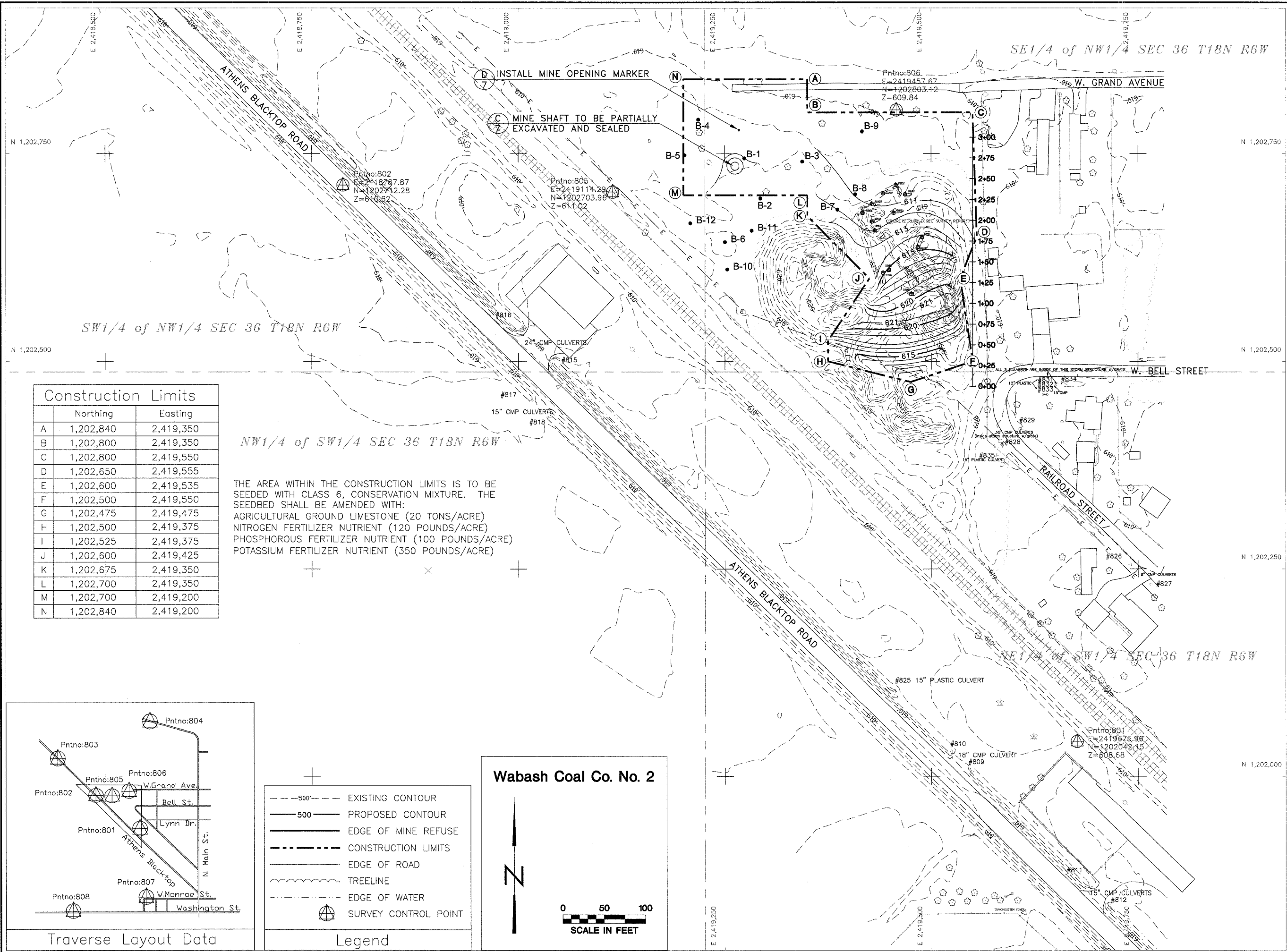
SCALE IN FEET

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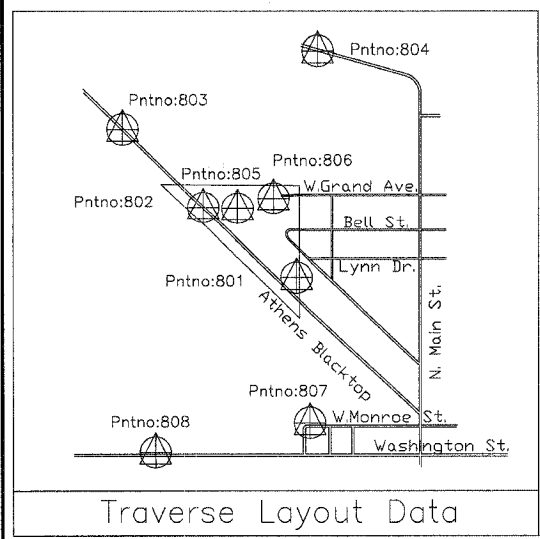
Drawn By: M-LF, T.M. Date: 12/11/2007
Checked By:

Existing & Proposed
Conditions
Sheet
4 of 7

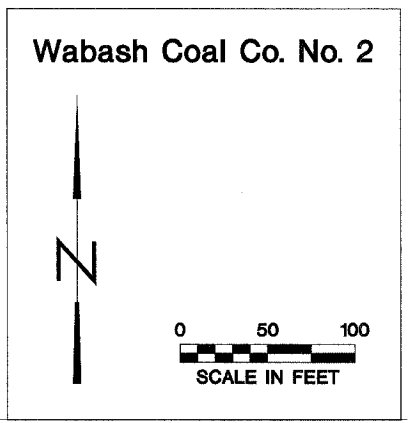


Construction Limits		
	Northing	Easting
A	1,202,840	2,419,350
B	1,202,800	2,419,350
C	1,202,800	2,419,550
D	1,202,650	2,419,555
E	1,202,600	2,419,535
F	1,202,500	2,419,550
G	1,202,475	2,419,475
H	1,202,500	2,419,375
I	1,202,525	2,419,375
J	1,202,600	2,419,425
K	1,202,675	2,419,350
L	1,202,700	2,419,350
M	1,202,700	2,419,200
N	1,202,840	2,419,200

THE AREA WITHIN THE CONSTRUCTION LIMITS IS TO BE SEEDED WITH CLASS 6, CONSERVATION MIXTURE. THE SEEDBED SHALL BE AMENDED WITH:
 AGRICULTURAL GROUND LIMESTONE (20 TONS/ACRE)
 NITROGEN FERTILIZER NUTRIENT (120 POUNDS/ACRE)
 PHOSPHOROUS FERTILIZER NUTRIENT (100 POUNDS/ACRE)
 POTASSIUM FERTILIZER NUTRIENT (350 POUNDS/ACRE)



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



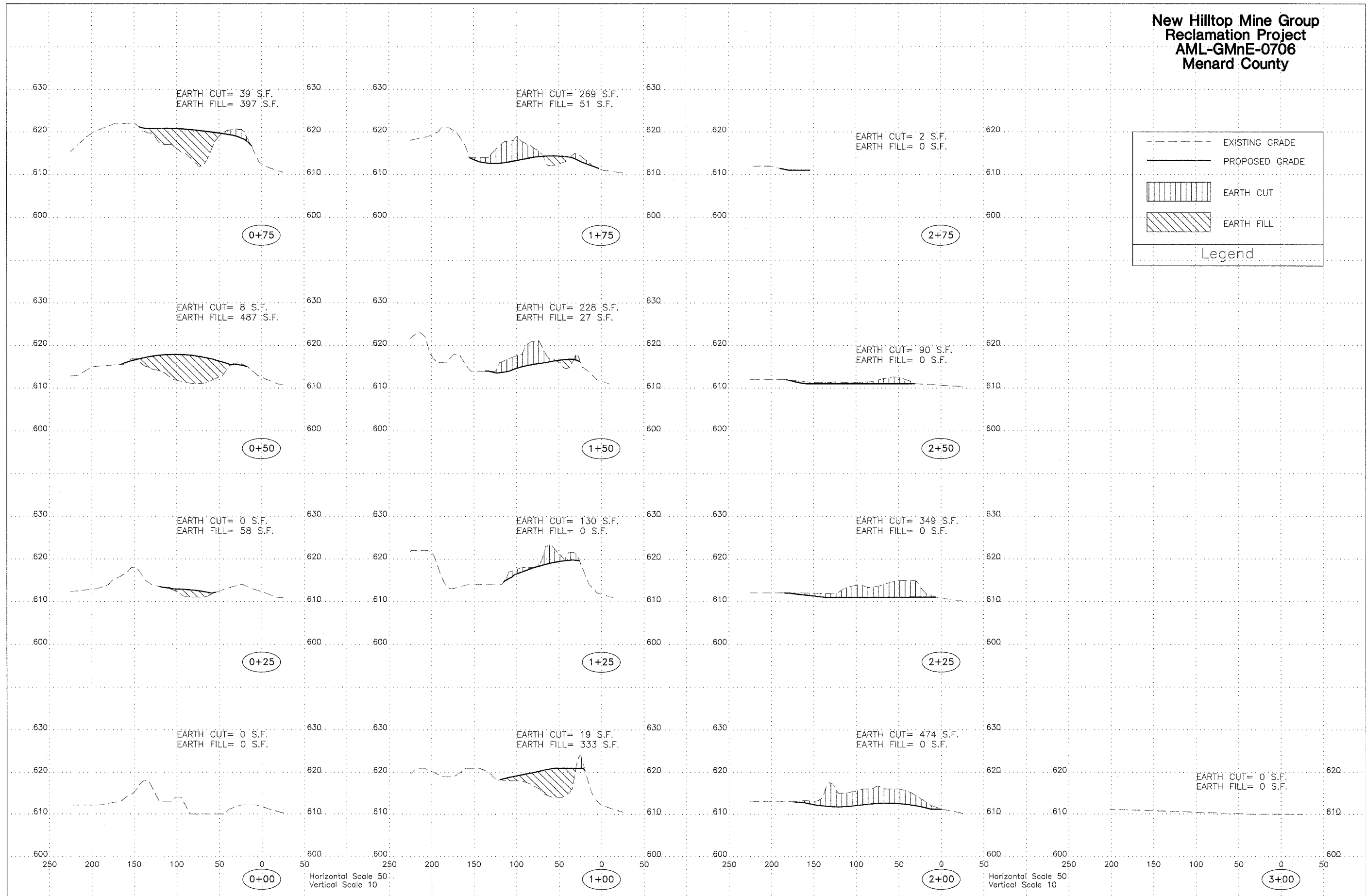
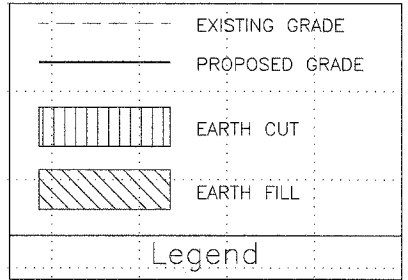
SW1/4 of NW1/4 SEC 36 T18N R6W

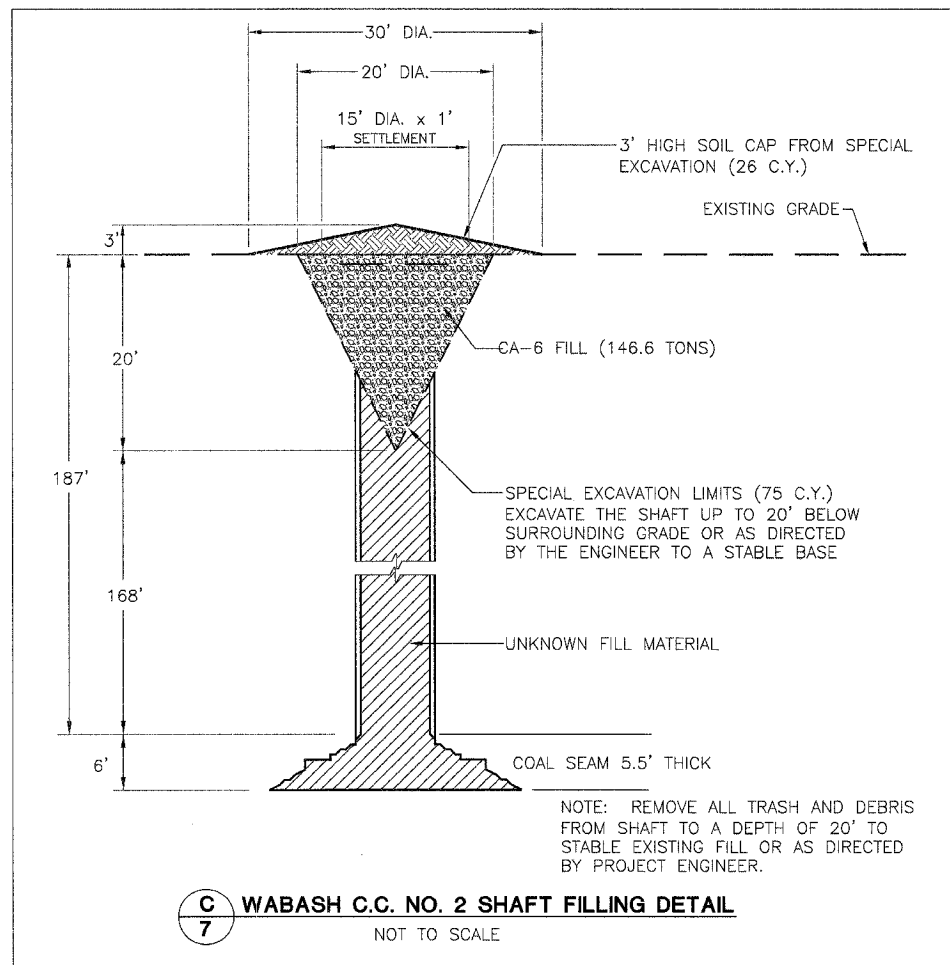
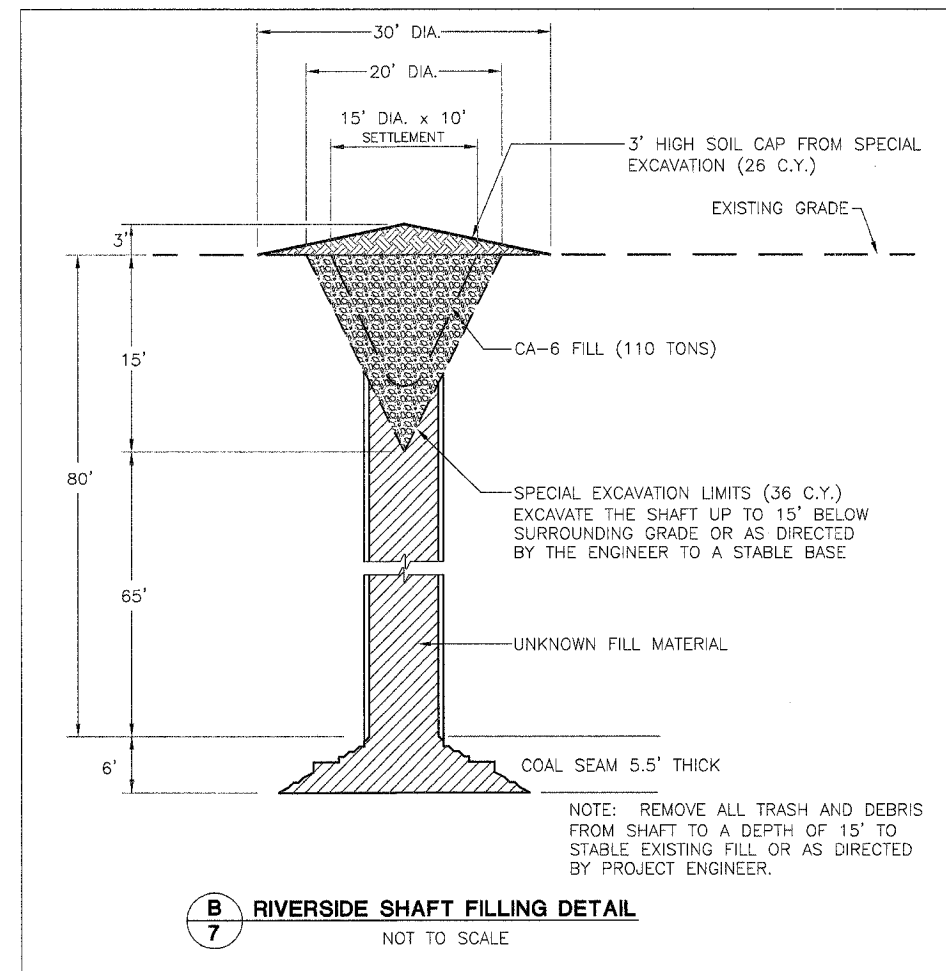
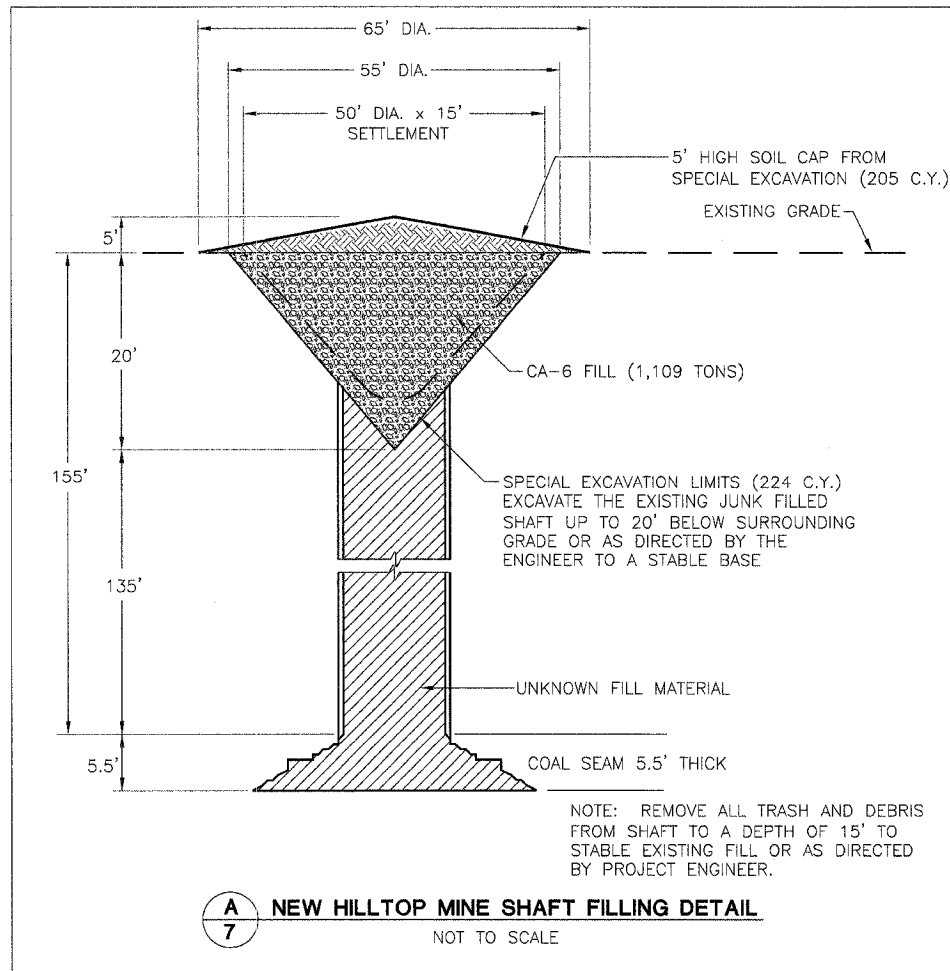
NW1/4 of SW1/4 SEC 36 T18N R6W

SE1/4 of NW1/4 SEC 36 T18N R6W

SW1/4 SEC 36 T18N R6W

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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.

