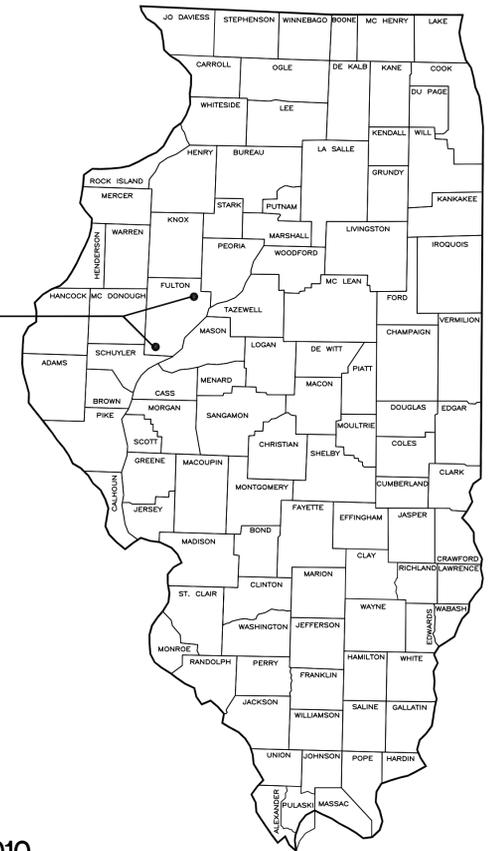


**State of Illinois**  
**Department of Natural Resources**  
**Office of Mines and Minerals**  
**Division of Abandoned Mined Lands**

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

**Clearview Coal Mine - Group**  
**Reclamation Project**  
**AML-GFuE-0904**  
**Fulton County**  
**1LR**

Clearview Coal Mine - Group  
 Fulton County



Pre-Bid Meeting:

A Pre-Bid meeting is scheduled for this project at 9:00 A.M., Friday, April 16, 2010 at the Pschirrer + Sons Mine Site.

**Certified Copy**

SCHEDULE OF DRAWINGS:

1. Cover Sheet
2. Canton Area Location Map
3. St. David and Astoria Area Location Maps
4. Summary of Quantities/General Notes
5. Existing and Proposed Conditions - Happy Jack
6. Existing and Proposed Conditions - Parson's Property
7. Existing and Proposed Conditions - Pschirrer + Sons
8. Existing and Proposed Conditions - Clearview Coal mine
9. Existing and Proposed Conditions - Blakely Coal Mine
10. Existing and Proposed Conditions - Bruketta + Sons
11. Existing and Proposed Conditions - Bucher Mine
12. Existing and Proposed Conditions - H-G-L-Mine
13. Existing and Proposed Conditions - Bob Coal Co.
- 14-15. Details

Prepared By IDNR Staff

Approved for Bidding:

Joseph R. Angleton, Director  
 Office of Mines and Minerals

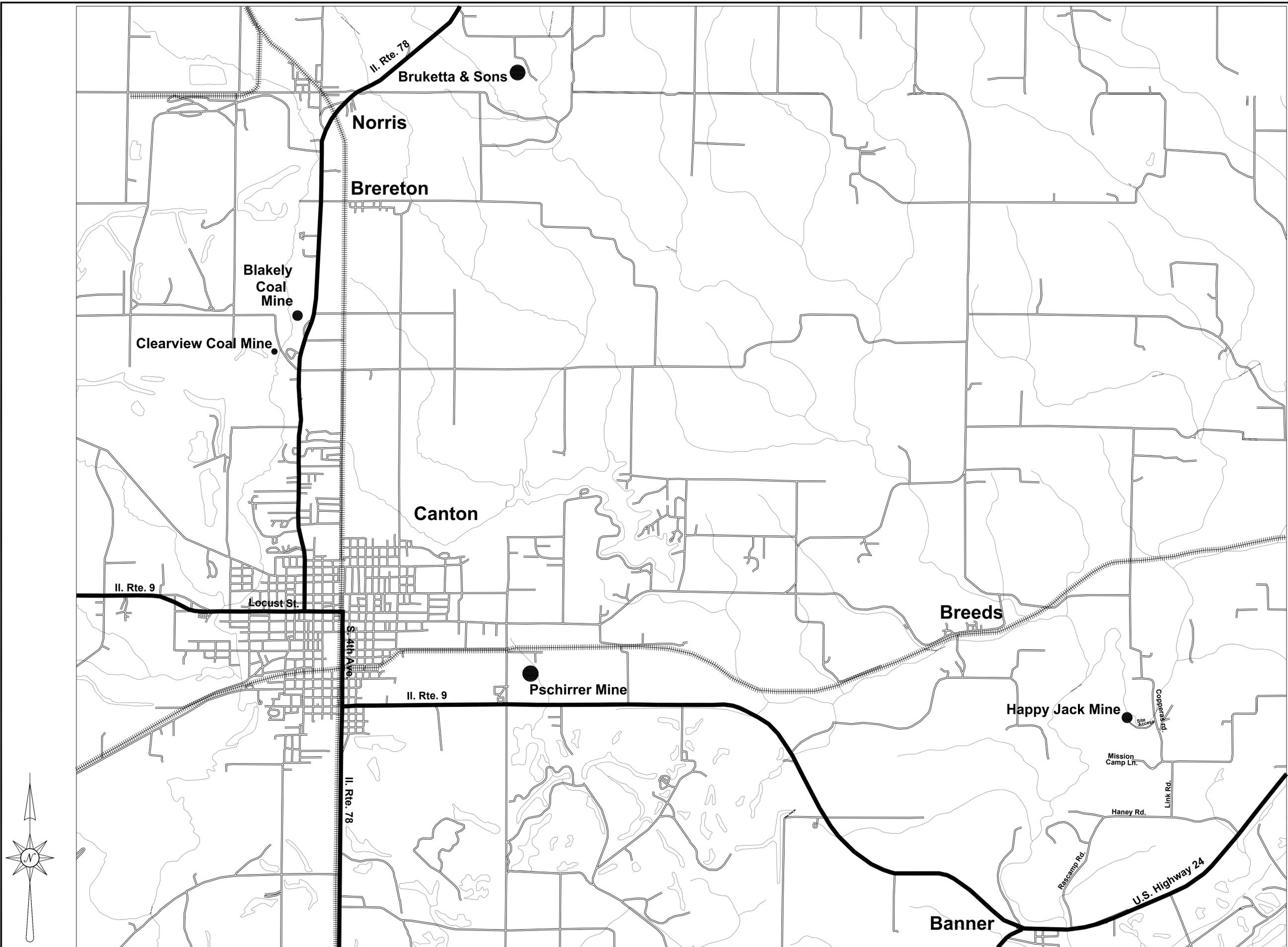
Approved By:

Greg Pinto, Acting Manager  
 AML Division

Approved By:

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





Canton Area Location Map

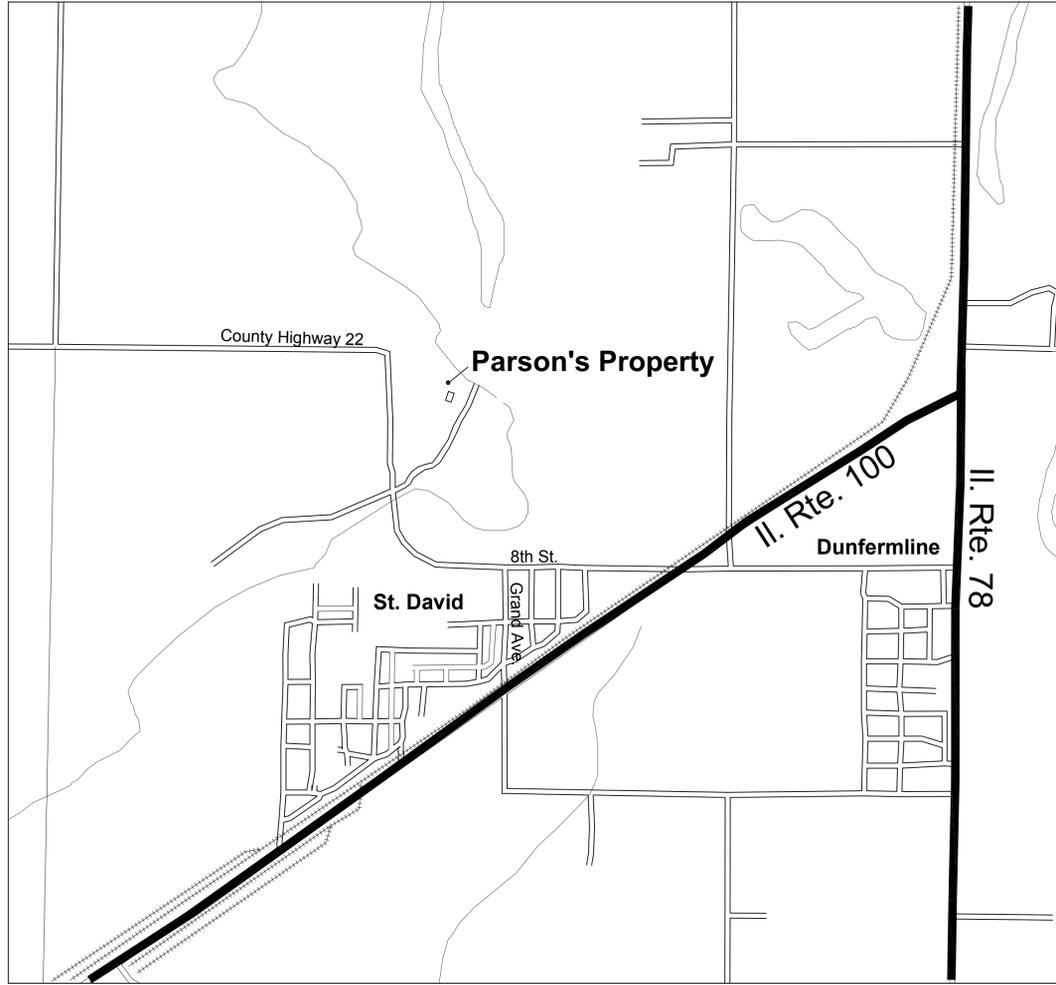


State of Illinois  
Department of Natural Resources

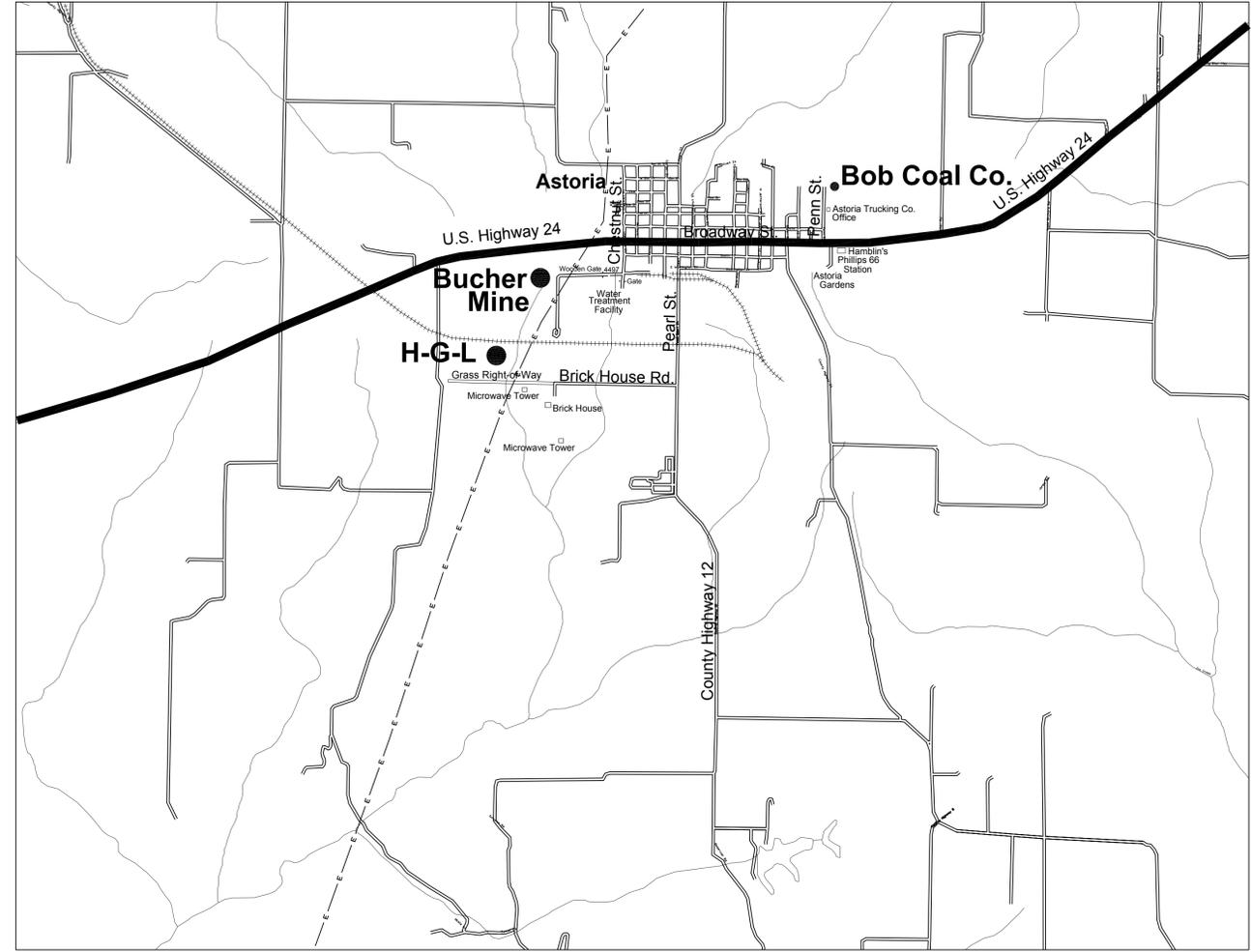
Clearview Coal Mine - Group  
Reclamation Project  
AML-GFuE-0904  
Fulton County

Drawn By: T.M. Date: 3/11/10  
Checked By: \_\_\_\_\_

Canton Area Location Map  
Sheet  
2 of 15



St. David Area Location Map



Astoria Area Location Map



Summary of Quantities

#	Item	Section	Quantities										Unit	Rates/Remarks
			Happy Jack Mine	Parson's Property	Pschirrer & Sons Mine	Clearview Coal Mine	Blakely Coal Mine	Bruketta & Sons	Bucher Mine	H-G-L Mine	Bob Coal Mine	Total		
1	Special Clearing	201	0.1	–	0.2	0.2	0.1	0.1	0.1	0.1	0.1	1	L.S.	
2	Special Excavation	214	498	53	469	163	750	–	523	264	31	2,751	C.Y.	
3	Riprap Fill C-3	216	184	22	169	116	178	–	89	93	6	857	Ton	
4	CA-1 Fill	216	173	14	250	54	292	–	225	72	12	1,092	Ton	
5	CA-6 Fill	216	411	57	559	133	774	18	594	126	48	2,720	C.Y.	
6	Seeding	250	1.1	0.1	0.6	1.8	1.5	1	1.1	0.6	0.3	8.1	Acre	
7	Nitrogen Fertilizer Nutrient	250	132	12	72	216	180	120	132	72	36	972	Pound	120 lbs./acre
8	Phosphorous Fertilizer Nutrient	250	220	20	120	360	300	200	220	120	60	1,620	Pound	200 lbs./acre
9	Potassium Fertilizer Nutrient	250	330	30	180	540	450	300	330	180	90	2,430	Pound	300 lbs./acre
10	Agricultural Ground Limestone	250	2.2	0.2	1.2	3.6	3.0	2	2.2	1.2	0.6	16.2	Ton	2 tons/acre
11	Mulch, Method 2, Procedure 1	IDOT 251	1.1	0.1	0.6	1.8	1.5	1	1.1	0.6	0.3	8.1	Acre	2 tons/acre
12	Aggregate Surface Course, Type B CA-1	IDOT 402	–	–	–	32	–	–	–	–	–	32	Ton	
13	Aggregate Surface Course, Type B CA-6	IDOT 402	–	–	250	48	–	–	–	–	–	298	Ton	
14	Removal of Existing Structures	501	–	–	0.3	0.4	0.3	–	–	–	–	1	L.S.	
15	Mine Opening Marker	666	2	–	1	1	3	1	1	1	–	10	Each	
16	Mobilization (Max. 6% of Bid)	671	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	1	L.S.	

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

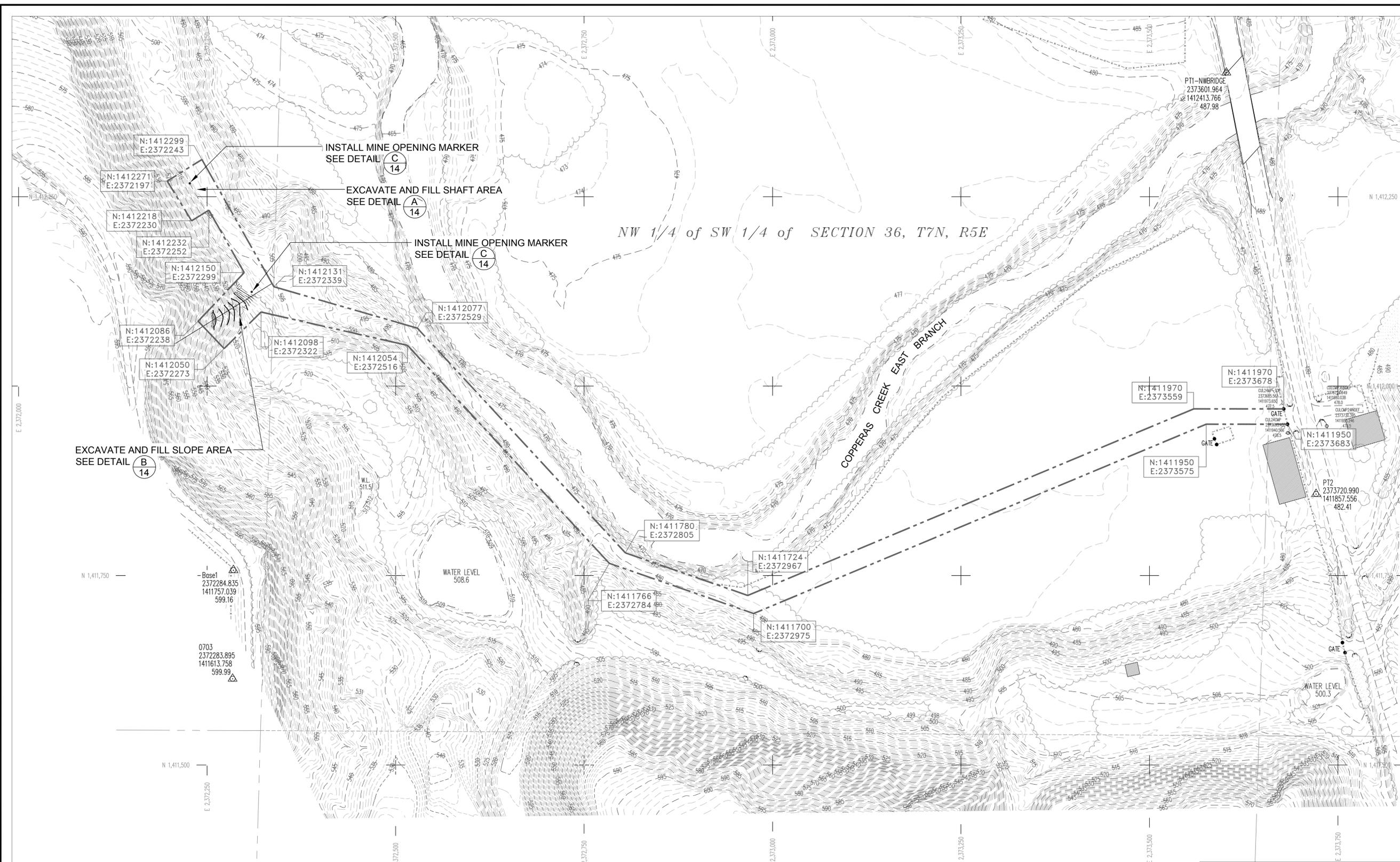
BURIAL/REMOVAL OF MATERIAL–Concrete and masonry debris designated for burial by the engineer shall be buried at least three feet below proposed final grade. Onsite organic debris and trash shall be disposed of in an engineer approved offsite landfill in accordance with Sections 201 and 501 of the Special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

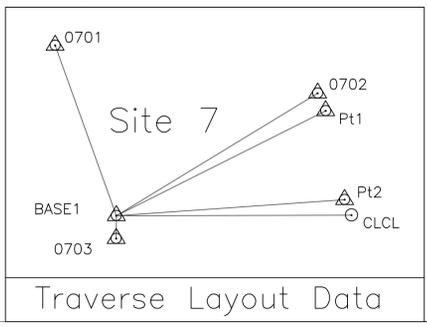
AGRICULTURAL GROUND LIMESTONE–Immediately prior to seed bed preparation, fertilizer nutrients and agricultural ground limestone shall be uniformly spread at the rates specified in the plans.

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.



NW 1/4 of SW 1/4 of SECTION 36, T7N, R5E

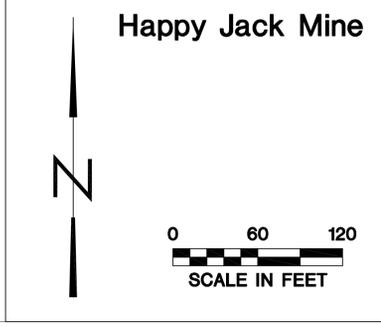
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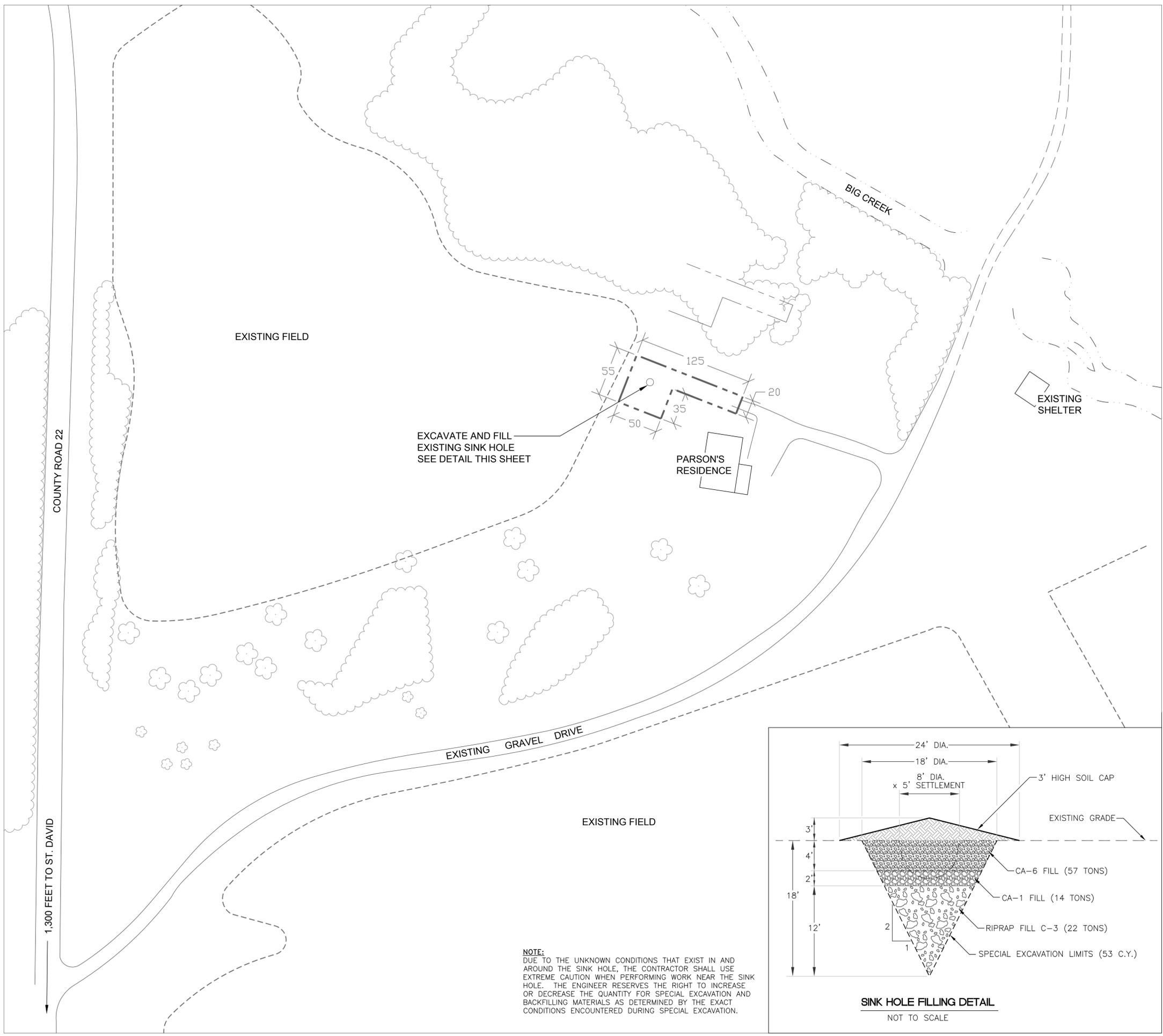


Traverse Layout Data

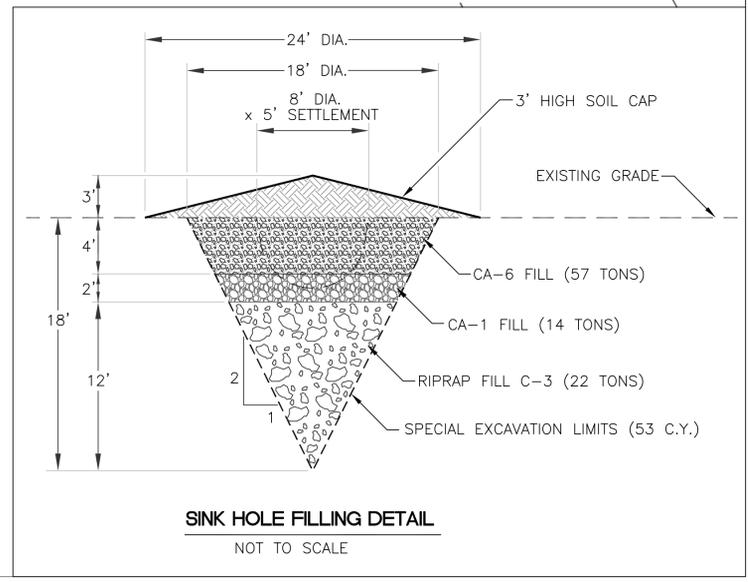
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—600—	PROPOSED CONTOUR
— · — · —	CONSTRUCTION LIMITS
—	EDGE OF ROAD
~~~~~	TREELINE
- - - - -	EDGE OF WATER
△	SURVEY CONTROL POINT

Legend





**NOTE:**  
 DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE SINK HOLE, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN PERFORMING WORK NEAR THE SINK HOLE. 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.



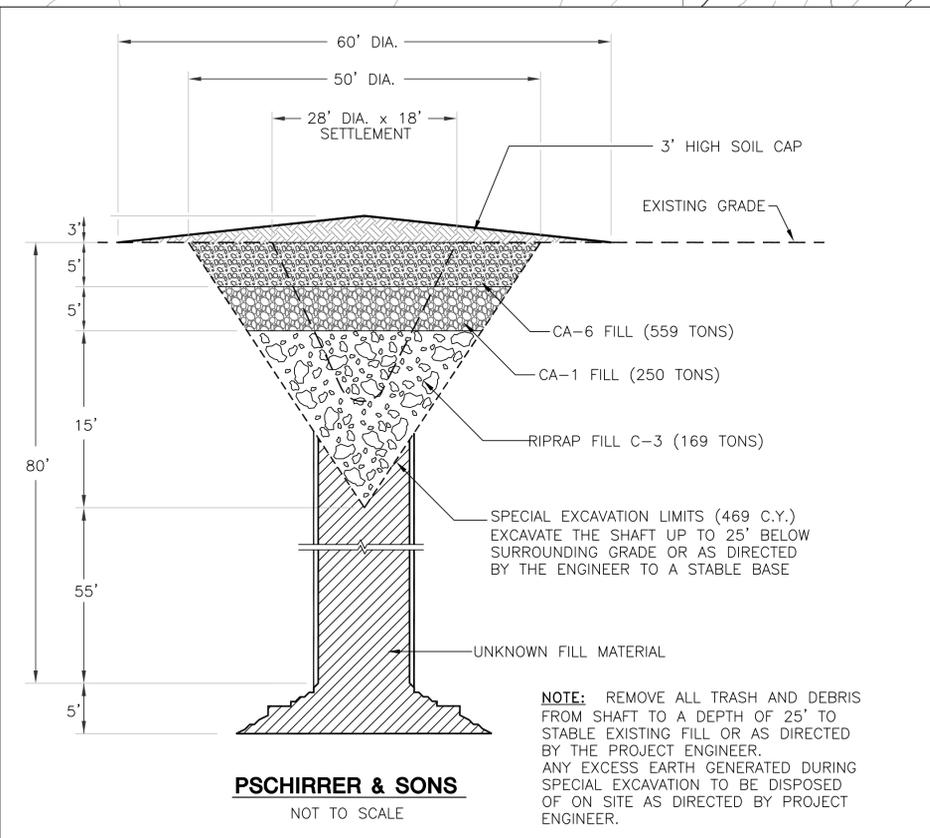
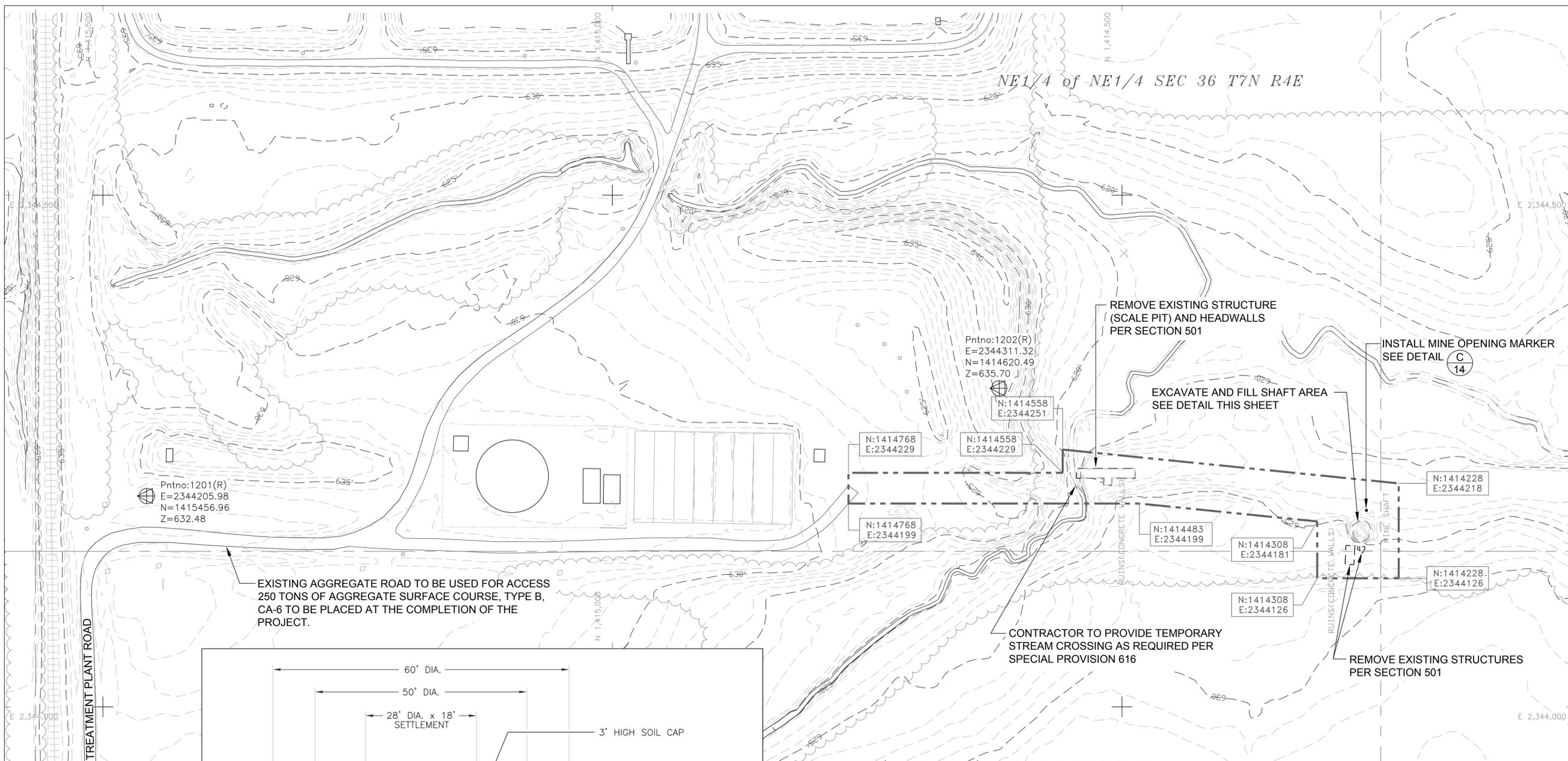
- - - - - EDGE OF AGR FIELD  
 - - - - - CONSTRUCTION LIMITS  
 - - - - - EDGE OF ROAD  
 ~~~~~ TREELINE  
 - - - - - EDGE OF WATER

Legend

**Parson's Property**

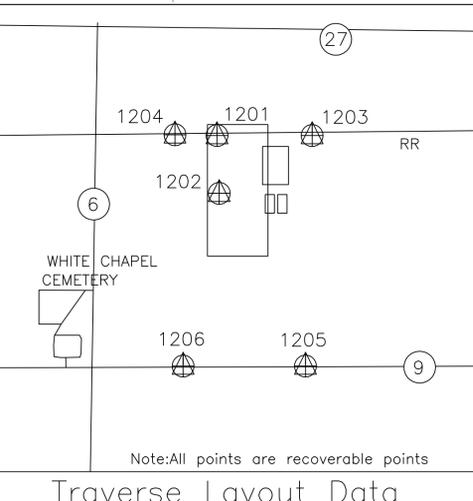
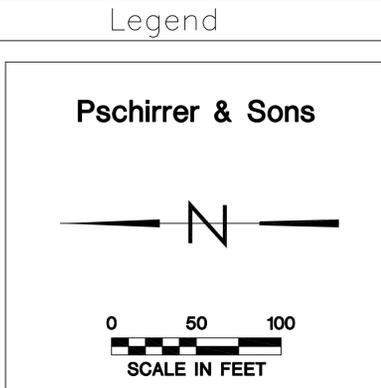
APPROX. SCALE IN FEET

Drawn By: M-LF  
 Checked By: \_\_\_\_\_  
 Date: 3/4/2010



**NOTE:**  
DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE SHAFT, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN PERFORMING WORK NEAR THE SHAFT. 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.

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



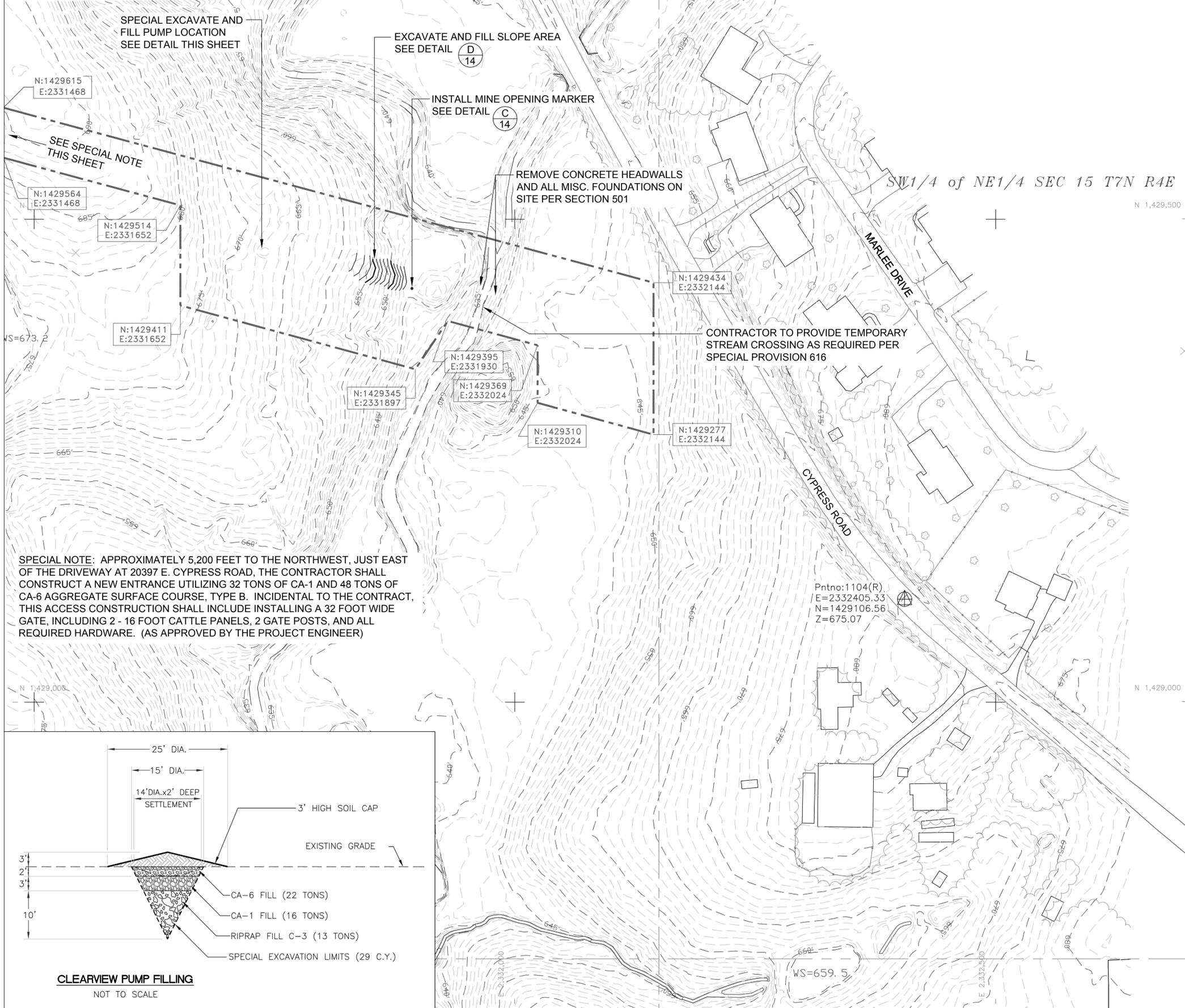
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Z=635.21

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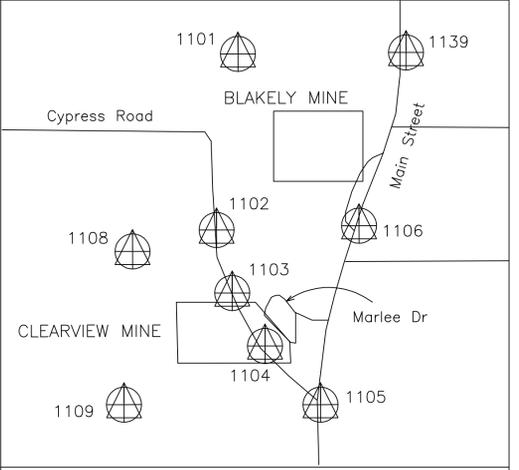
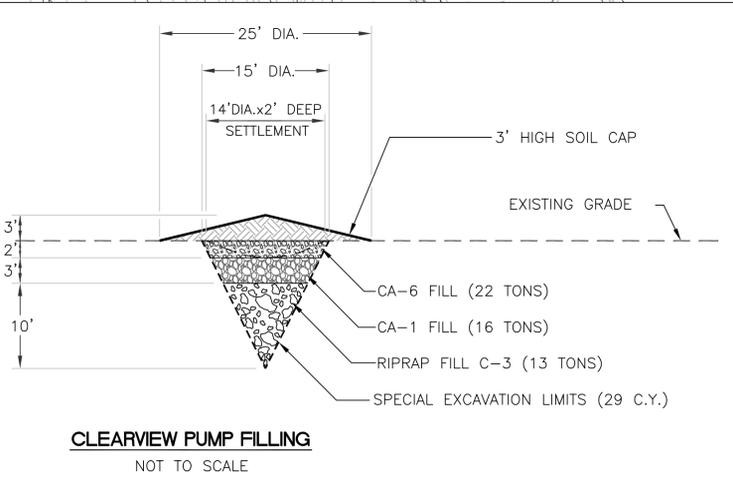
SE1/4 of NW1/4 SEC 15 T7N R4E

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SW1/4 of NE1/4 SEC 15 T7N R4E



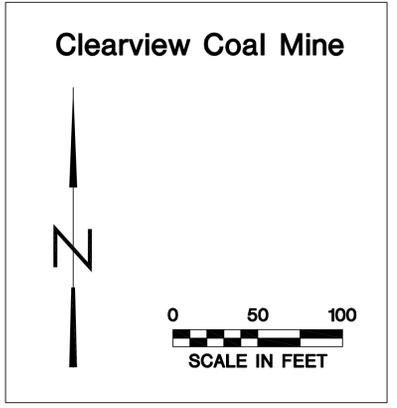
**SPECIAL NOTE:** APPROXIMATELY 5,200 FEET TO THE NORTHWEST, JUST EAST OF THE DRIVEWAY AT 20397 E. CYPRESS ROAD, THE CONTRACTOR SHALL CONSTRUCT A NEW ENTRANCE UTILIZING 32 TONS OF CA-1 AND 48 TONS OF CA-6 AGGREGATE SURFACE COURSE, TYPE B. INCIDENTAL TO THE CONTRACT, THIS ACCESS CONSTRUCTION SHALL INCLUDE INSTALLING A 32 FOOT WIDE GATE, INCLUDING 2 - 16 FOOT CATTLE PANELS, 2 GATE POSTS, AND ALL REQUIRED HARDWARE. (AS APPROVED BY THE PROJECT ENGINEER)



Traverse Layout Data

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

Legend

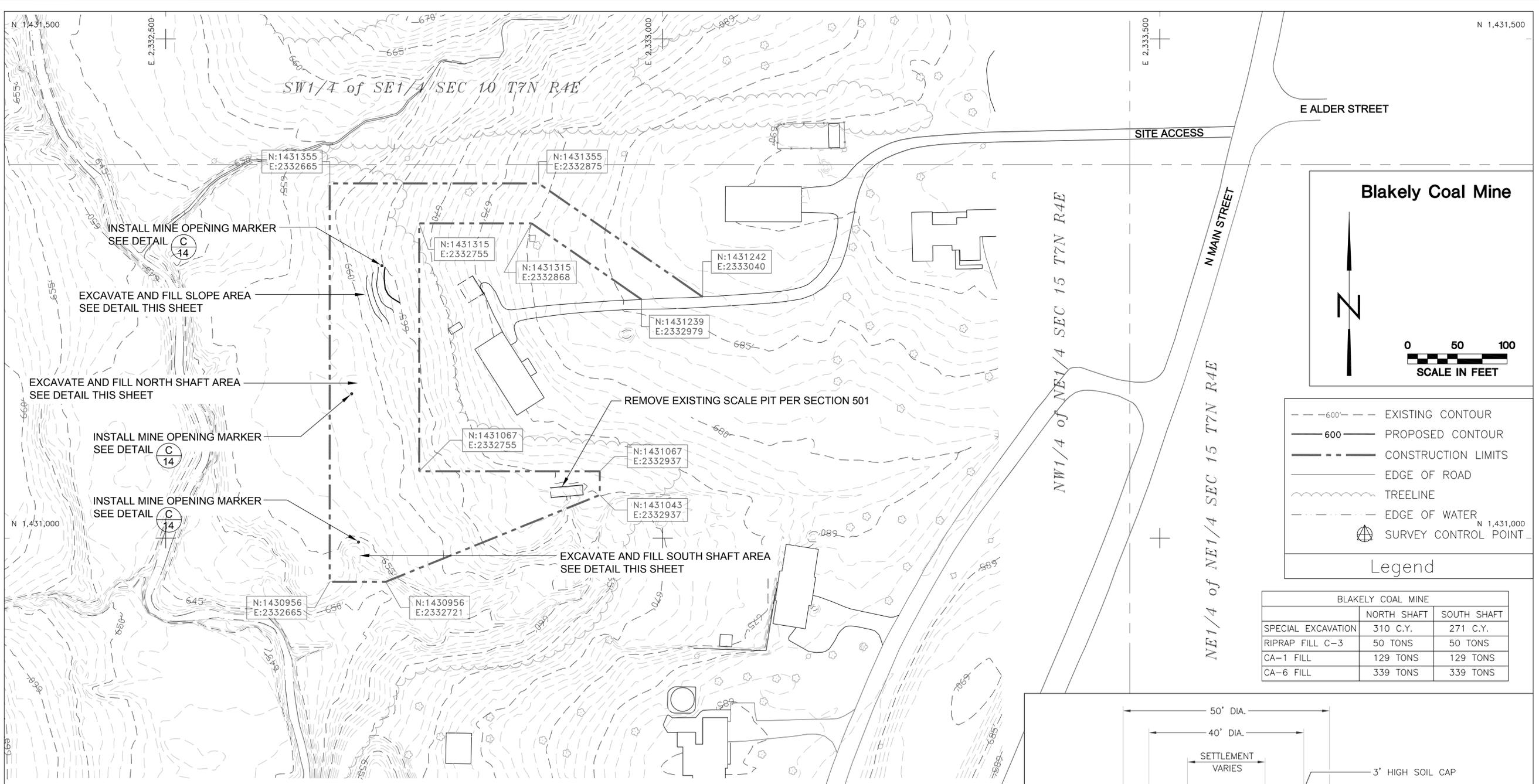


State of Illinois  
Department of Natural Resources

Clearview Coal Mine - Group  
Reclamation Project  
AML-GFuE-0904  
Fulton County

Drawn By: V.P., M-LF  
Checked By: \_\_\_\_\_  
Date: 3/17/2010

Existing & Proposed  
Conditions  
Sheet  
8 of 15



**Blakely Coal Mine**

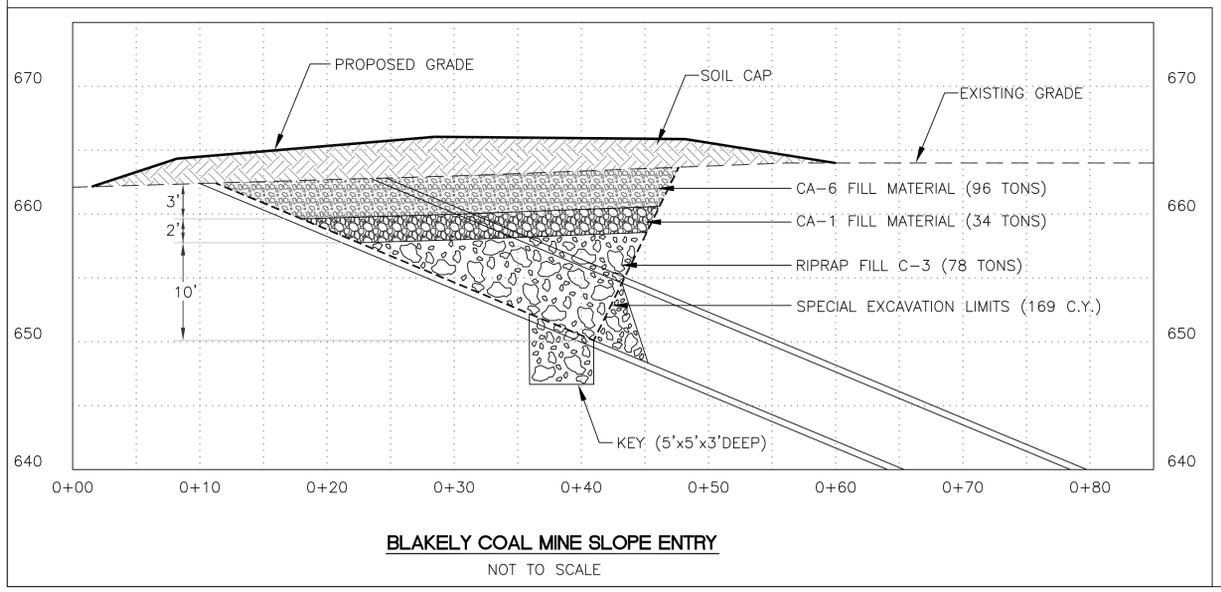
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| —         | EDGE OF ROAD         |
| ~~~~~     | TREELINE             |
| - - - - - | EDGE OF WATER        |
| ⊕         | SURVEY CONTROL POINT |

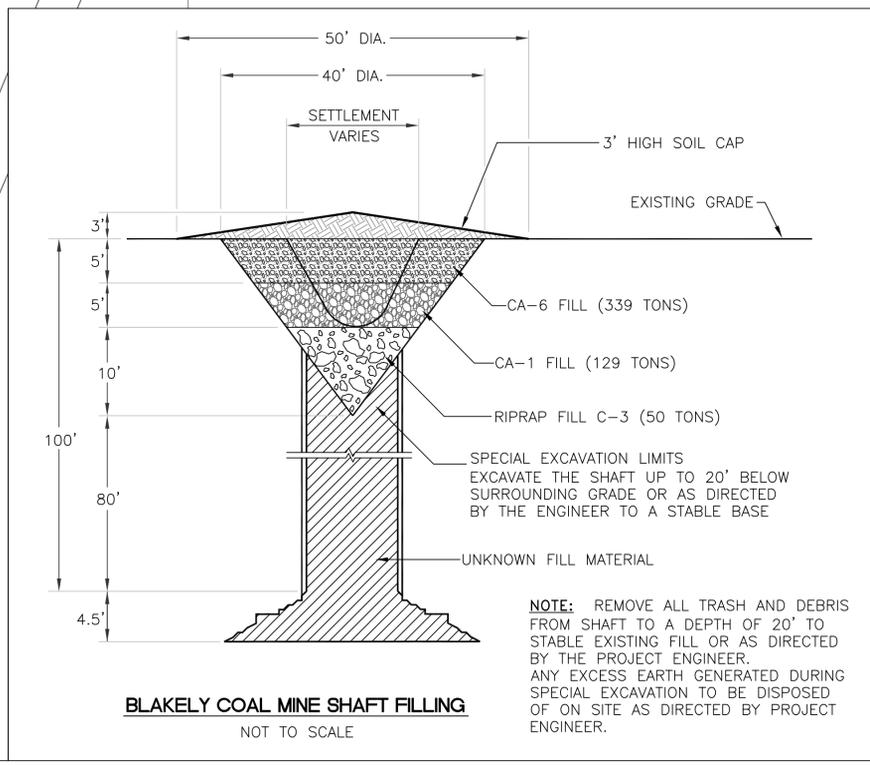
Legend

| BLAKELY COAL MINE  |             |             |
|--------------------|-------------|-------------|
|                    | NORTH SHAFT | SOUTH SHAFT |
| SPECIAL EXCAVATION | 310 C.Y.    | 271 C.Y.    |
| RIPRAP FILL C-3    | 50 TONS     | 50 TONS     |
| CA-1 FILL          | 129 TONS    | 129 TONS    |
| CA-6 FILL          | 339 TONS    | 339 TONS    |

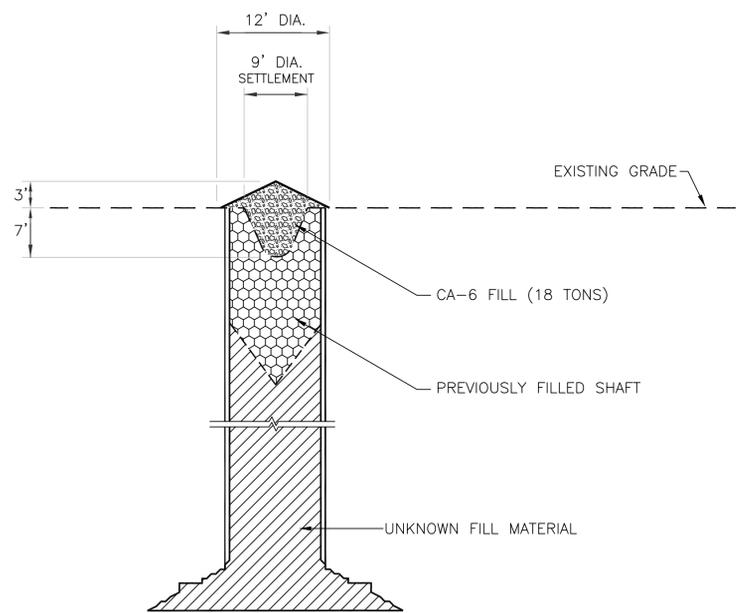
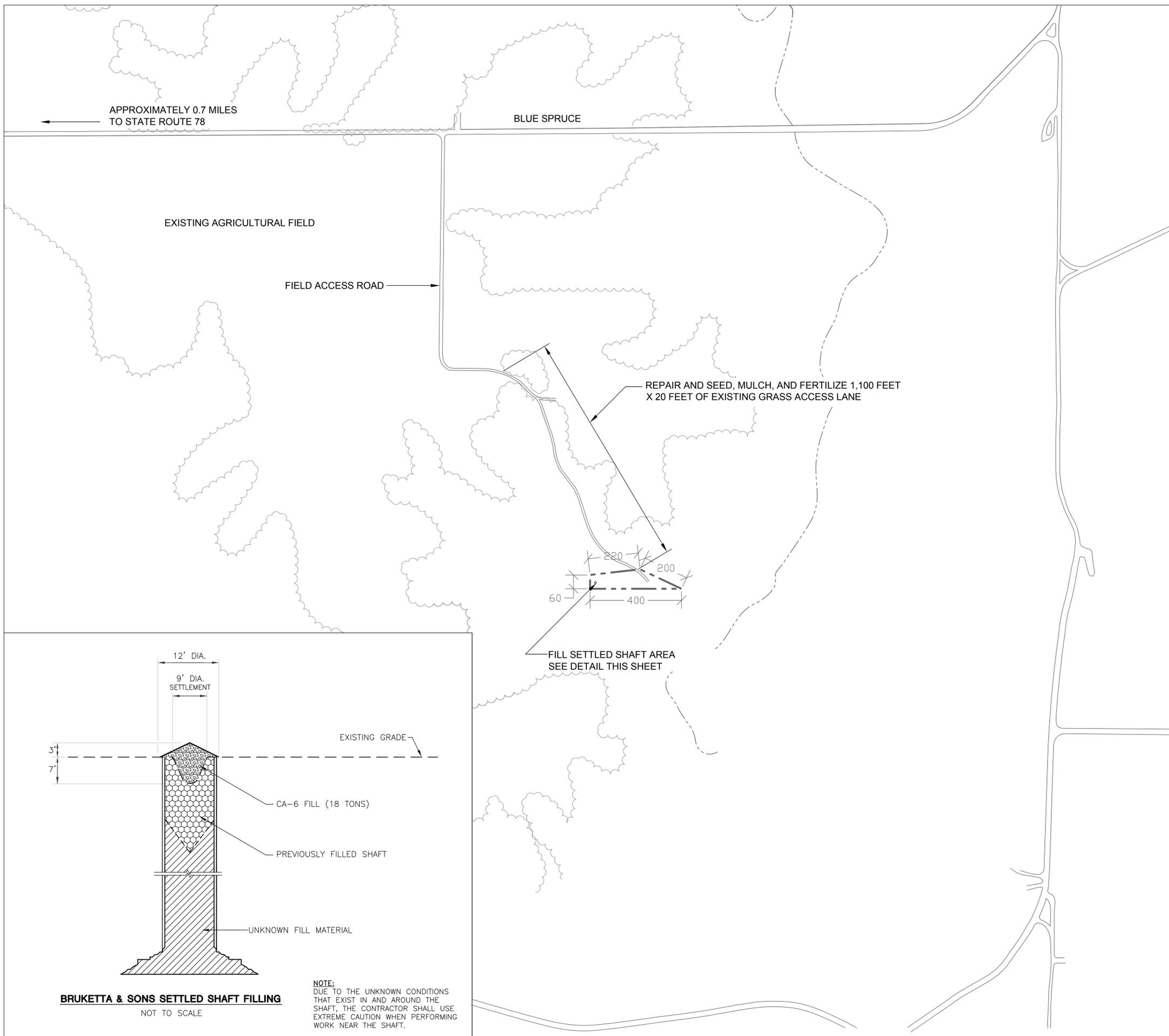


**SPECIAL NOTE:**  
ALL MISCELLANEOUS CONCRETE RUBBLE AND FOUNDATIONS ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS ARE TO BE REMOVED PER SECTION 501.

**NOTE:**  
DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE MINE OPENINGS, 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.



**NOTE:** REMOVE ALL TRASH AND DEBRIS FROM SHAFT TO A DEPTH OF 20' TO STABLE EXISTING FILL OR AS DIRECTED BY THE PROJECT ENGINEER. ANY EXCESS EARTH GENERATED DURING SPECIAL EXCAVATION TO BE DISPOSED OF ON SITE AS DIRECTED BY PROJECT ENGINEER.



**BRUKETTA & SONS SETTLED SHAFT FILLING**  
NOT TO SCALE

**NOTE:**  
DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE SHAFT, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN PERFORMING WORK NEAR THE SHAFT.

--- CONSTRUCTION LIMITS  
 — EDGE OF ROAD  
 ~~~~~ TREELINE  
 - - - - - EDGE OF WATER

Legend

**Bruketta & Sons**

N

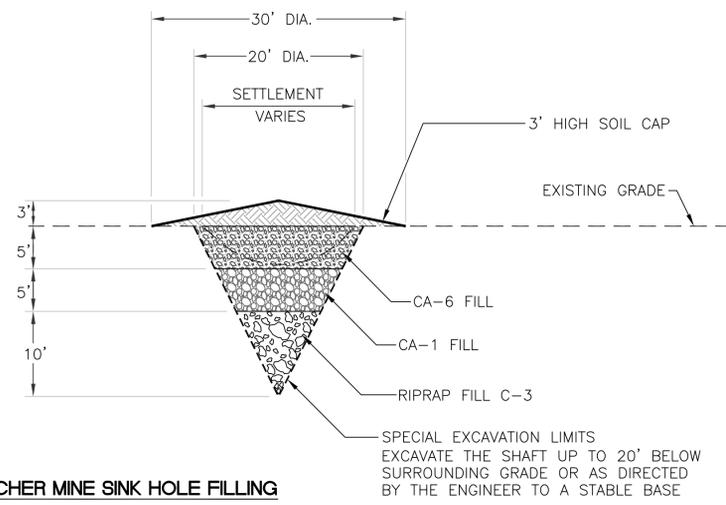
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APPROX. SCALE IN FEET

State of Illinois  
Department of Natural Resources

Clearview Coal Mine - Group  
Reclamation Project  
AML-GFuE-0904  
Fulton County

Drawn By: M-LF Date: 3/4/2010  
Checked By:

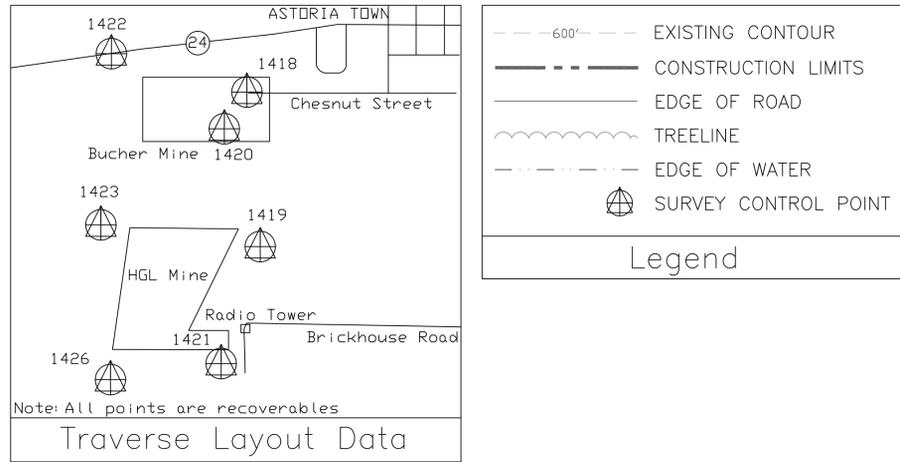
Existing & Proposed  
Conditions  
Sheet  
10 of 15



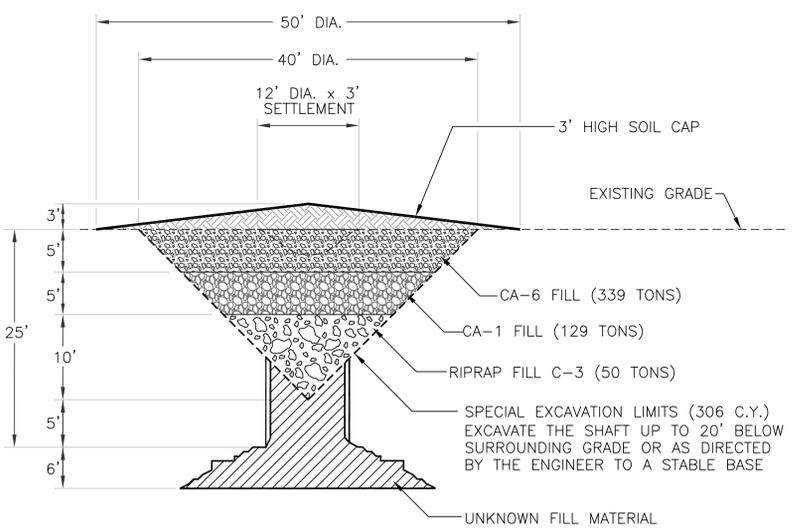
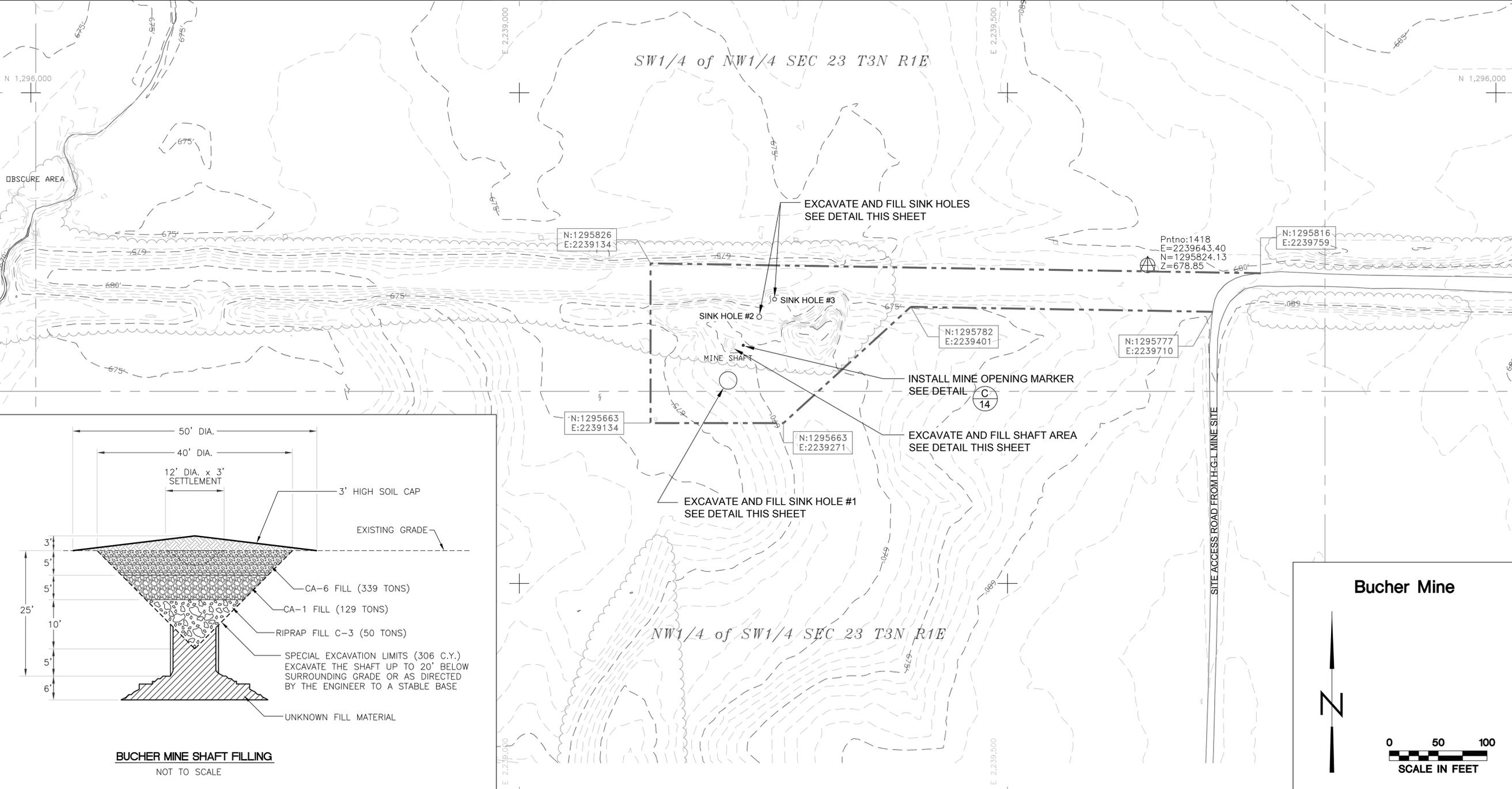
| BUCHER MINE        |              |              |              |
|--------------------|--------------|--------------|--------------|
|                    | SINK HOLE #1 | SINK HOLE #2 | SINK HOLE #3 |
| SPECIAL EXCAVATION | 63 C.Y.      | 77 C.Y.      | 77 C.Y.      |
| RIPRAP FILL C-3    | 13 TONS      | 13 TONS      | 13 TONS      |
| CA-1 FILL          | 32 TONS      | 32 TONS      | 32 TONS      |
| CA-6 FILL          | 85 TONS      | 85 TONS      | 85 TONS      |

**NOTE:**  
DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE MINE OPENINGS, 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.

**NOTE:** REMOVE ALL TRASH AND DEBRIS FROM SHAFT AND SINK HOLES TO A DEPTH OF 20' TO STABLE EXISTING FILL OR AS DIRECTED BY THE PROJECT ENGINEER. ANY EXCESS EARTH GENERATED DURING SPECIAL EXCAVATION TO BE DISPOSED OF ON SITE AS DIRECTED BY PROJECT ENGINEER.



**BUCHER MINE SINK HOLE FILLING**  
NOT TO SCALE



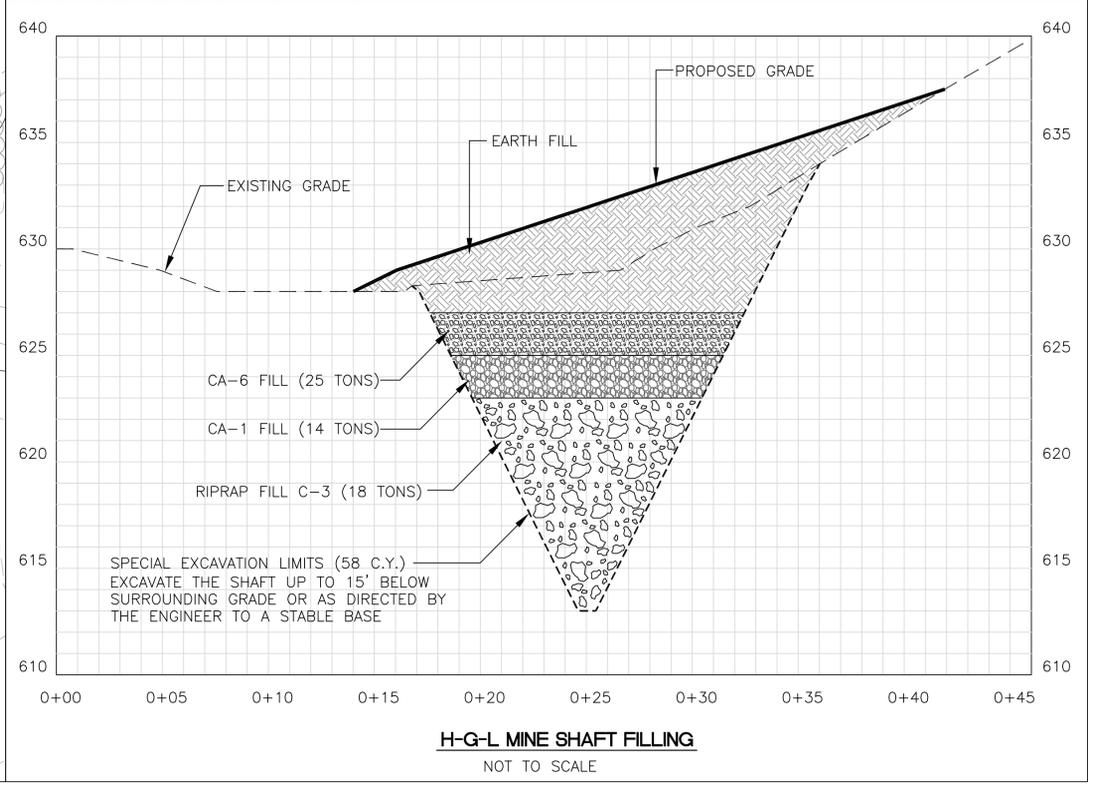
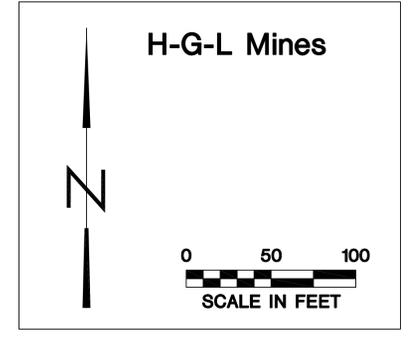
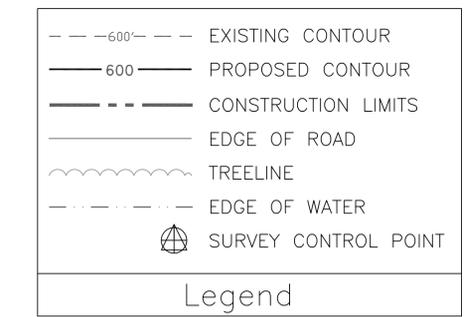
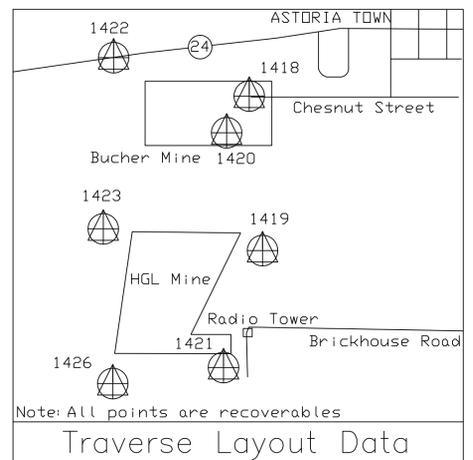
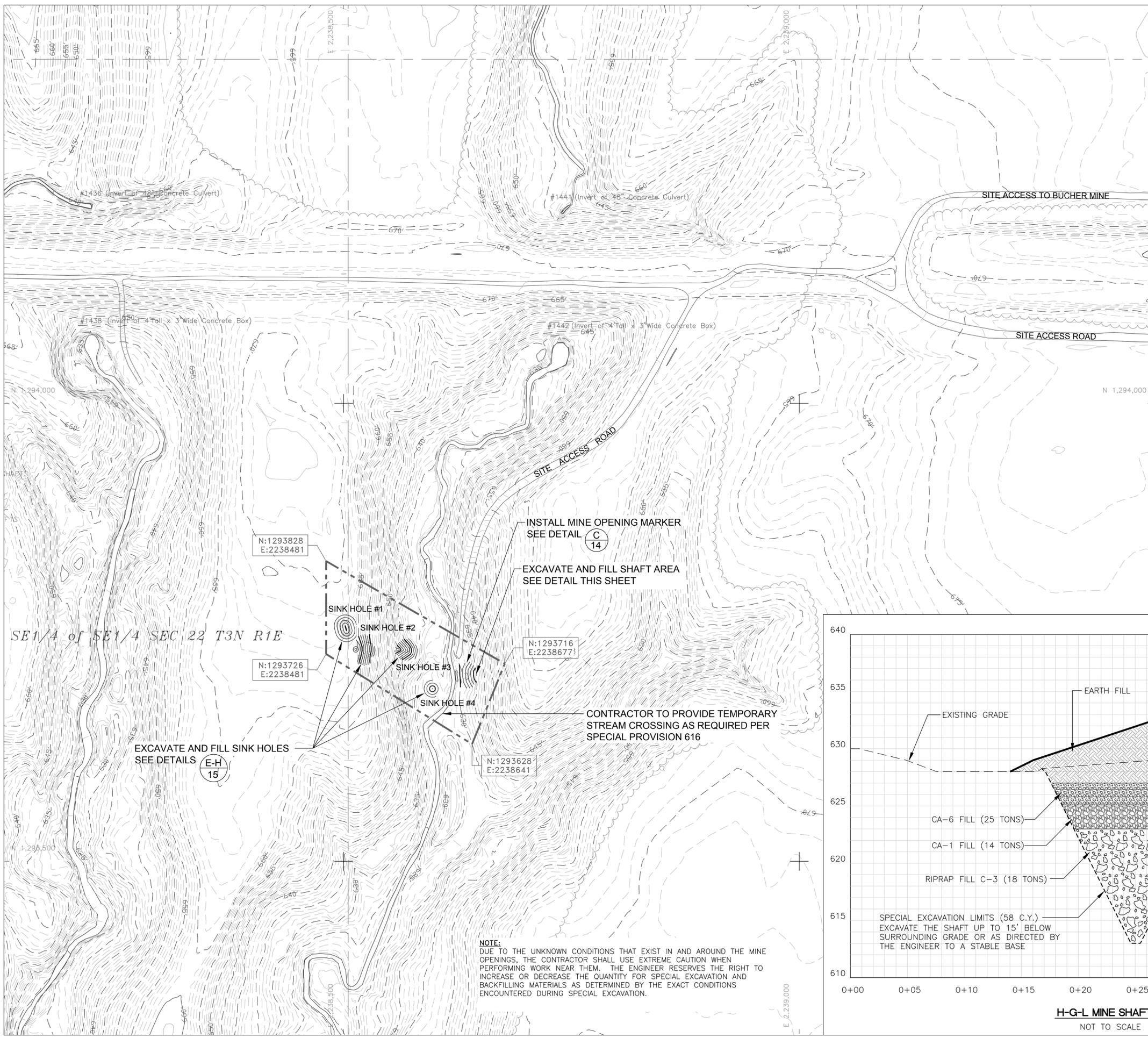
**BUCHER MINE SHAFT FILLING**  
NOT TO SCALE

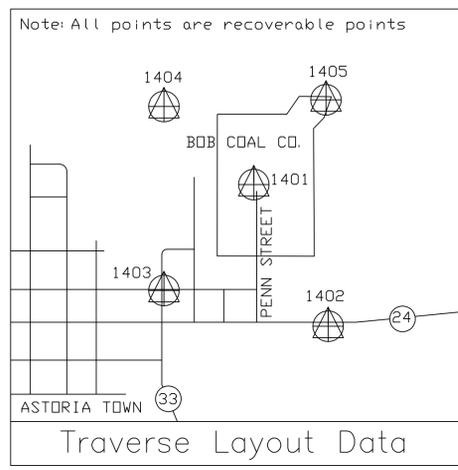
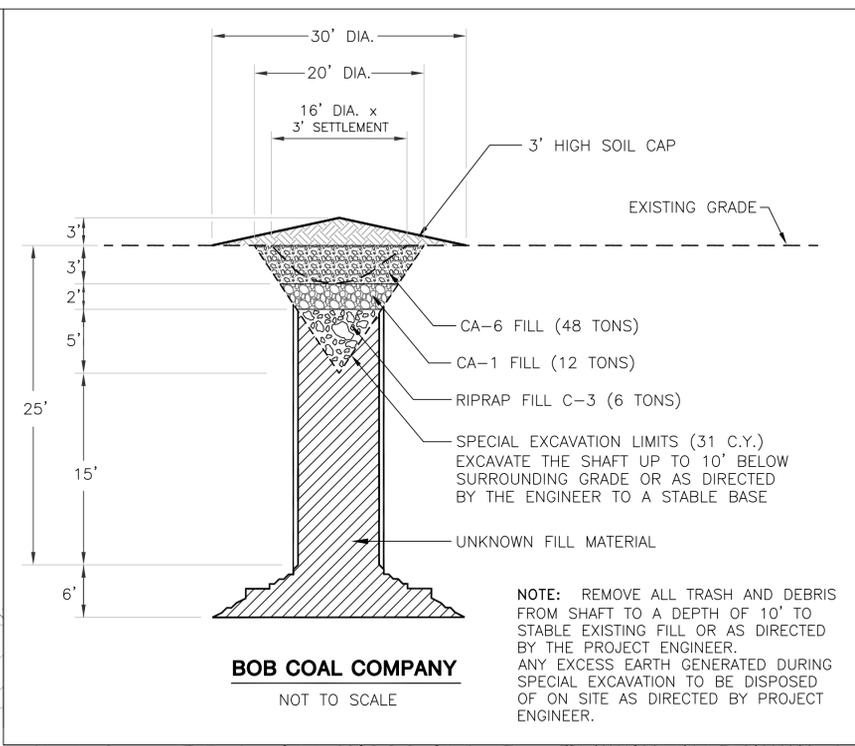
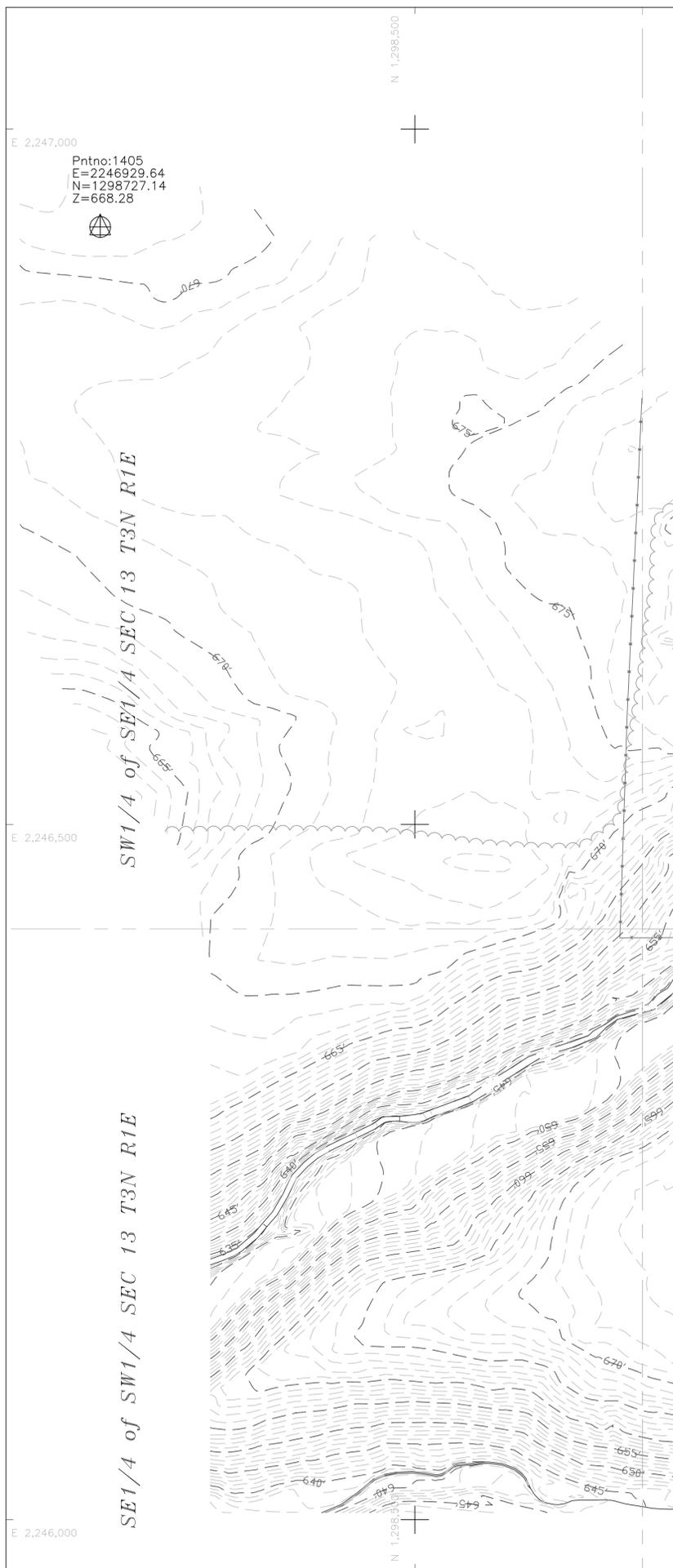
State of Illinois  
Department of Natural Resources

Clearview Coal Mine  
Reclamation Project  
AML-GFuE-0904  
Fulton County

Drawn By: M-LF  
Checked By:  
Date: 3/8/2010

Existing & Proposed  
Conditions  
Sheet  
11 of 15





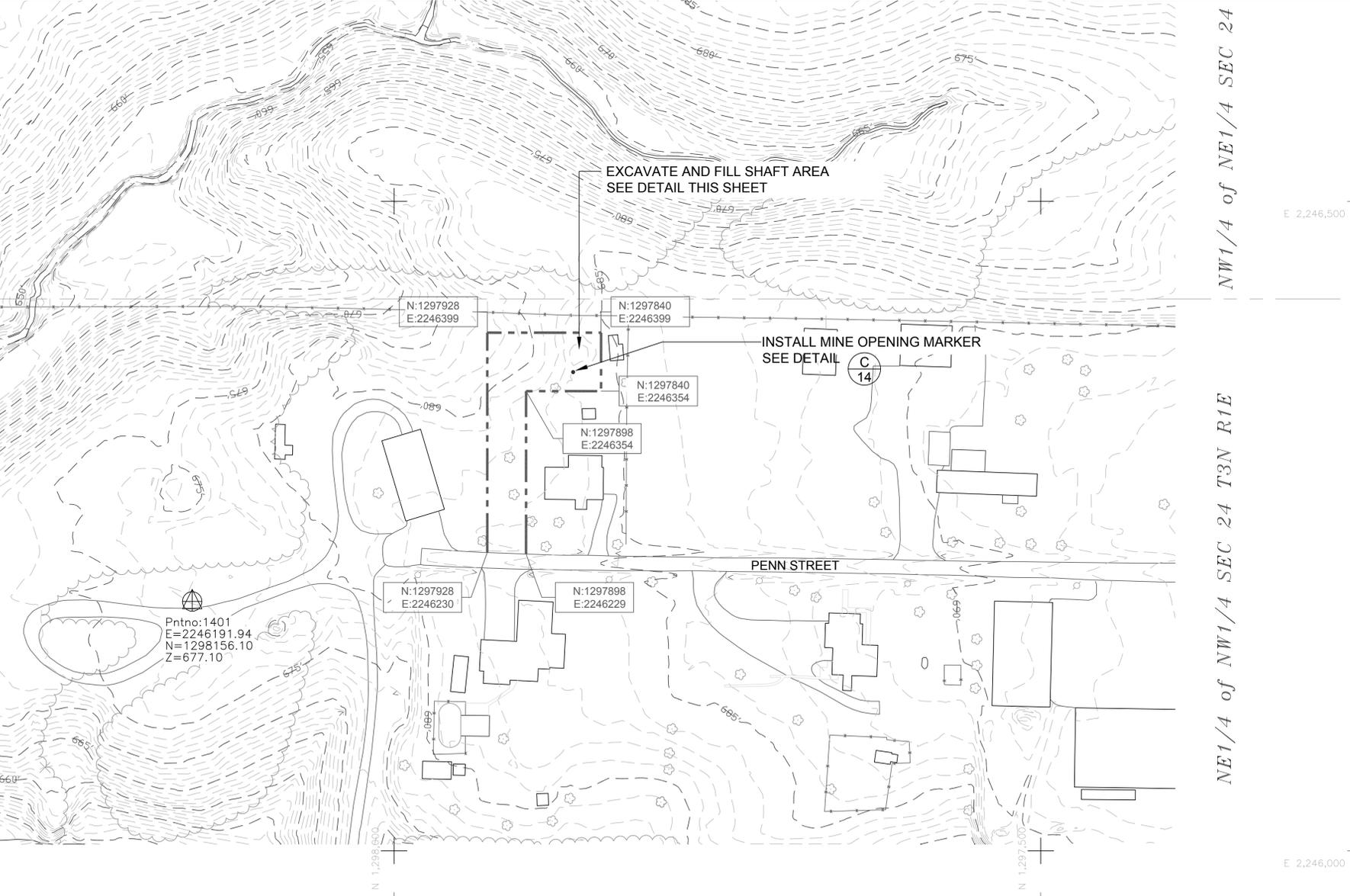
**NOTE:**  
DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE SHAFT, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN PERFORMING WORK NEAR THE SHAFT. THE ENGINEER RESERVES THE RIGHT TO INCREASE OR DECREASE THE QUANTITY FOR SPECIAL EXCAVATION AND BACKFILLING MATERIALS AS DETERMINED BY THE EXACT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

**Bob Coal Co.**

0 50 100  
SCALE IN FEET

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

**Legend**

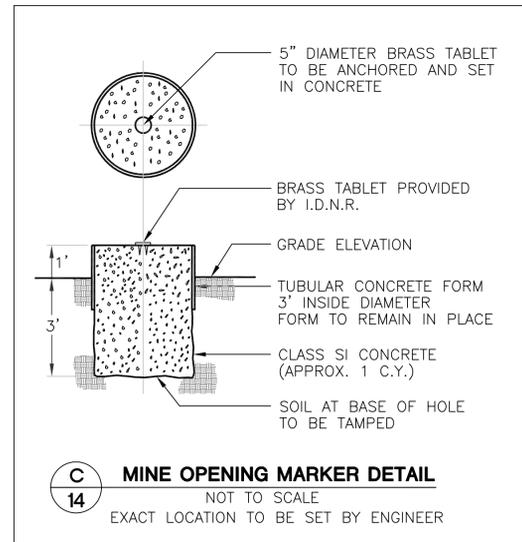
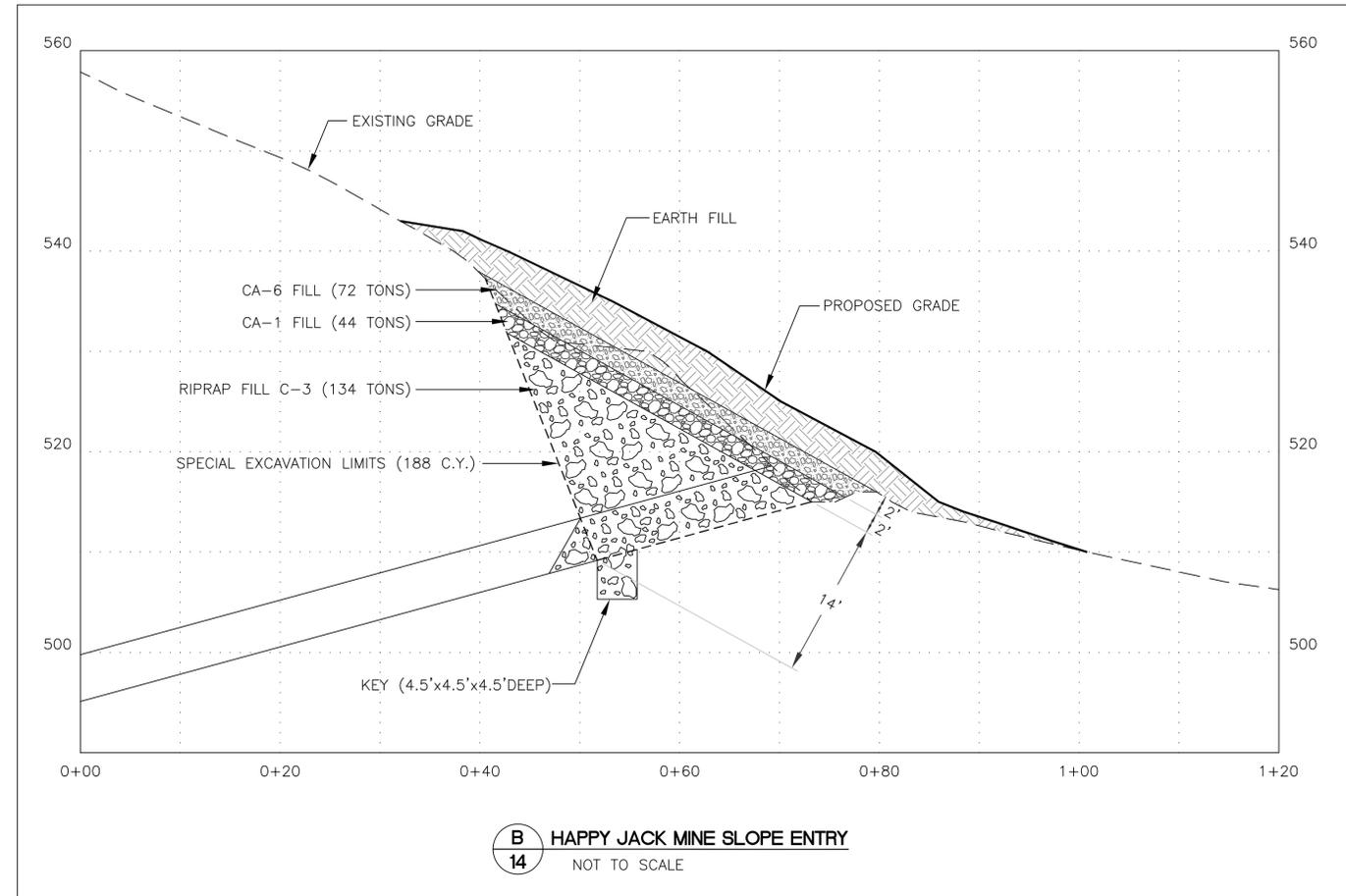
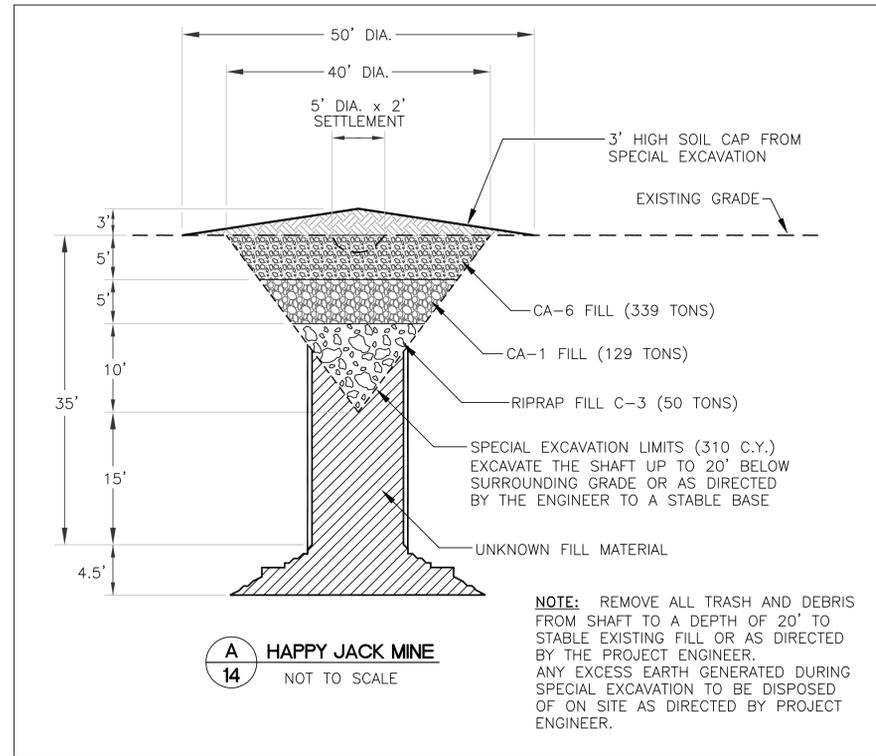


State of Illinois  
Department of Natural Resources

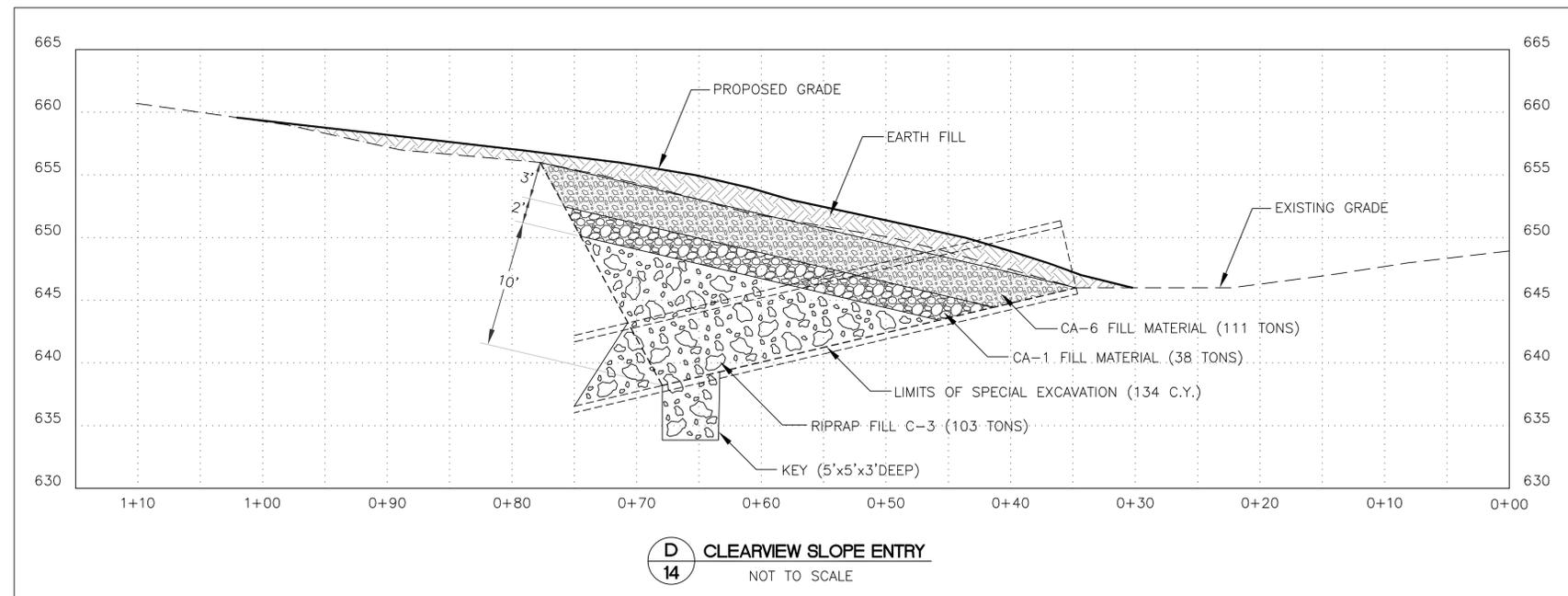
Clearview Coal Mine - Group  
Reclamation Project  
AML-FuE-0904  
Fulton County

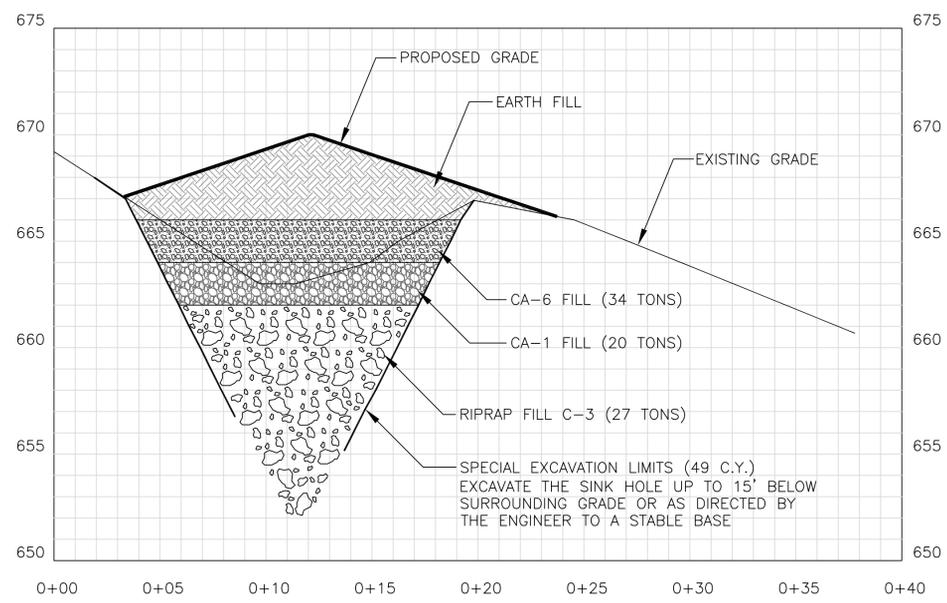
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Date: 3/2/2010

Existing & Proposed  
Conditions  
Sheet  
13 of 15

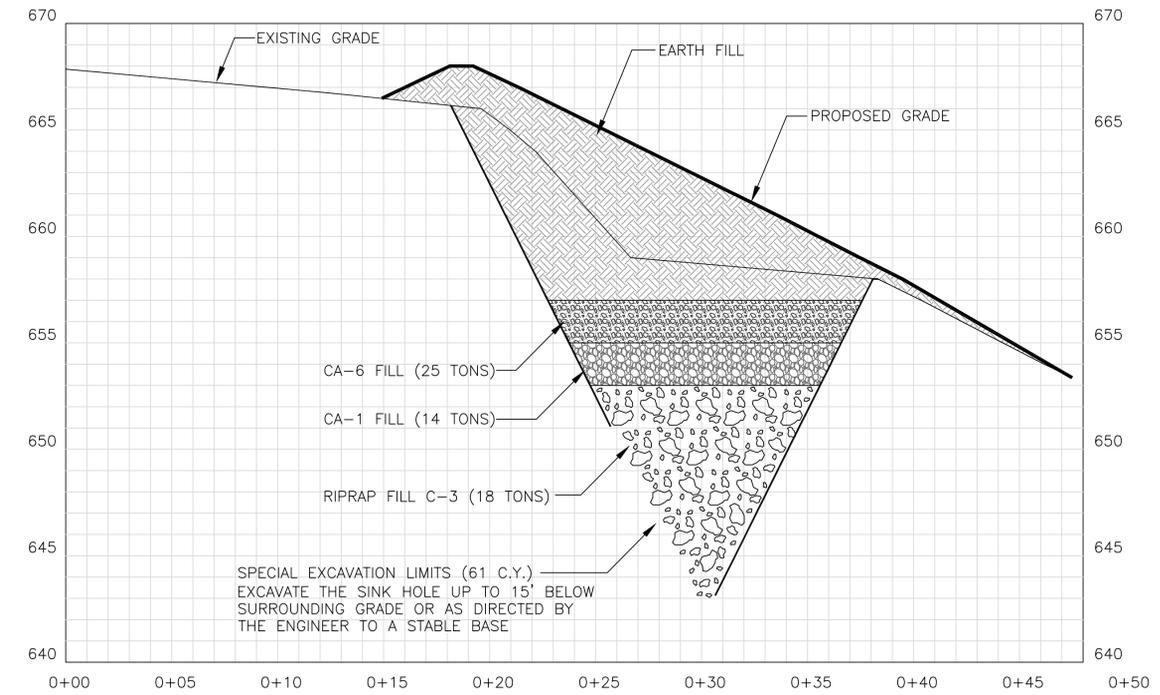


**NOTE:** DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE MINE OPENINGS, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN PERFORMING WORK NEAR THEM. THE ENGINEER RESERVES THE RIGHT TO INCREASE OR DECREASE THE QUANTITY FOR SPECIAL EXCAVATION AND BACKFILLING MATERIALS AS DETERMINED BY THE EXACT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

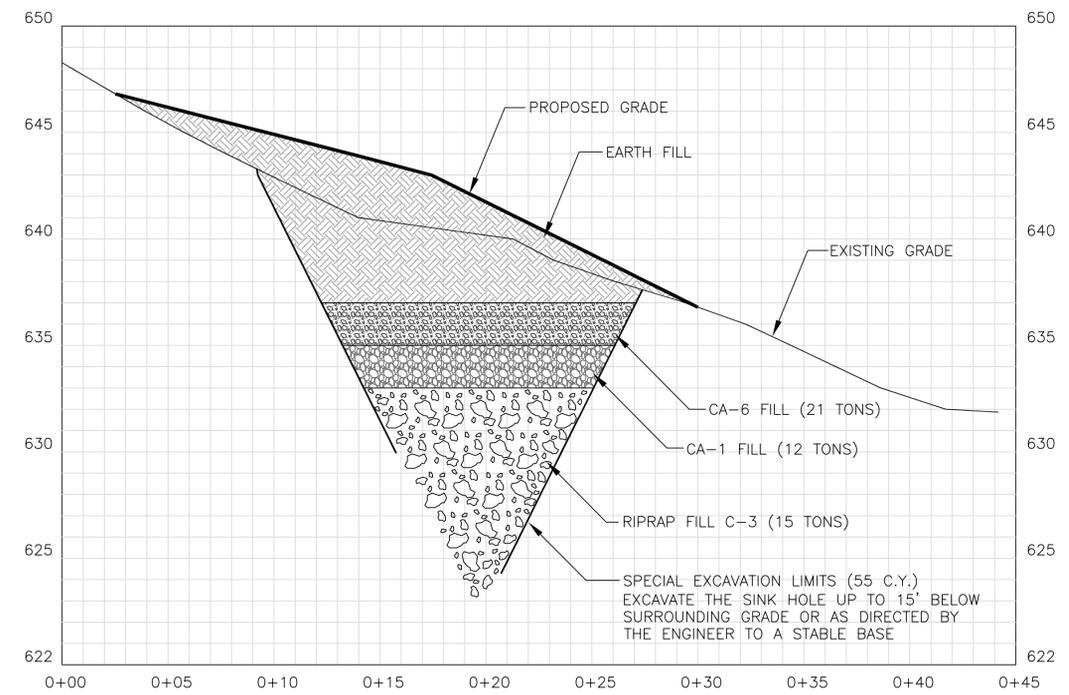




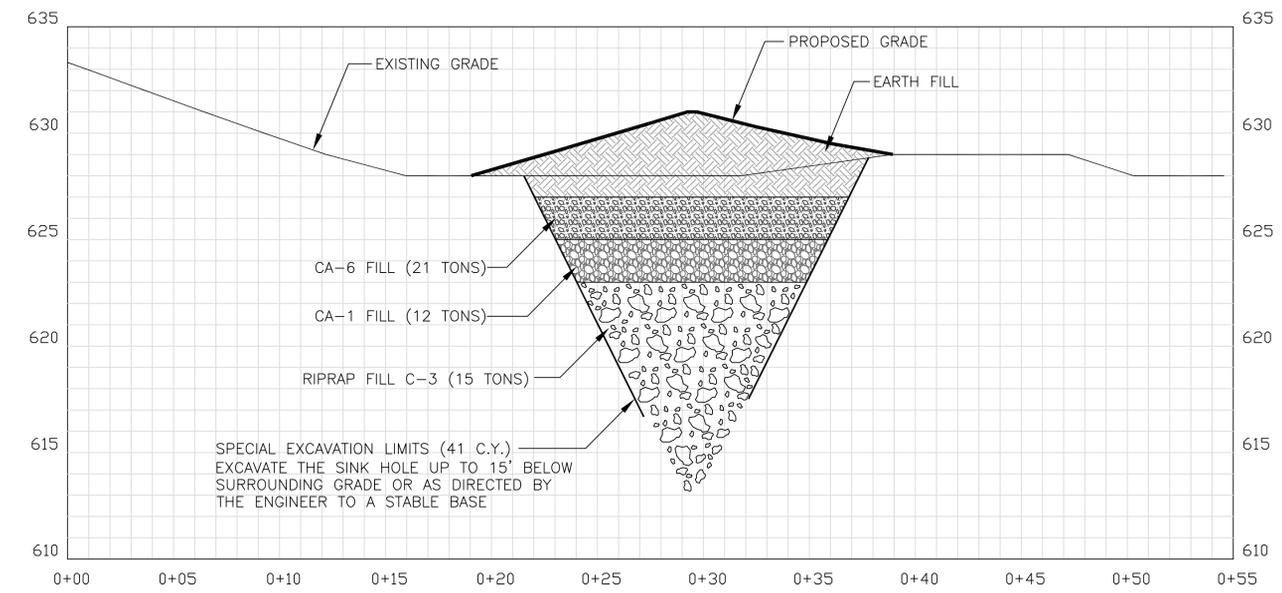
**E H-G-L MINE SINK HOLE #1**  
15 NOT TO SCALE



**F H-G-L MINE SINK HOLE #2**  
15 NOT TO SCALE



**G H-G-L MINE SINK HOLE #3**  
15 NOT TO SCALE



**H H-G-L MINE SINK HOLE #4**  
15 NOT TO SCALE

**NOTE:**  
DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE MINE OPENINGS, 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.