

Permit No. _____

STATE OF MISSISSIPPI

Application No. _____

A1804**SURFACE MINING PERMIT APPLICATION****AI#55913**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY / MINING & RECLAMATION DIVISION

P. O. Box 2279

Jackson, Mississippi 39225-2279

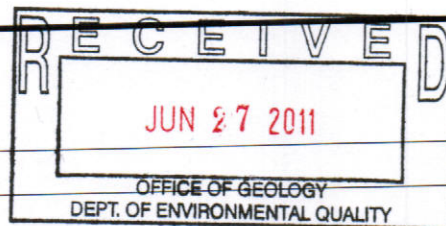
(601) 961-5515

Fax (601) 961-5521

For Office use only

Other permits required: Y/N Date
NPDES _____
State Operating Permit _____
Corps of Engineers _____City/County approval
Required Yes _____ No _____
Received Date: _____
County _____
City _____**A. GENERAL INFORMATION**

1. Name of Applicant: Joe McGee Construction Company, Inc.
Mailing Address: P.O. Box 340, Lake, MS 39092
E-mail Address: kevinthompson@joemcgeeconst.com
Phone No. 601-775-3754 Fax No. 601-775-3785
Authorized Representative Kevin C. Thompson, P.E.
2. Engineering Firm, Consultant, etc.: N/A
Mailing Address: _____
E-mail Address: _____
Phone No. _____ Fax No. _____
3. Name of Mine: Street Pit Mine Supervisor: Josh McGee
Phone No. 601-775-3754 Fax No. 601-775-3785
4. Location of Operation (to nearest quarter-quarter section):
SE 1/4 of SE 1/4 36 9 N 3 E Madison
Section Township Range County
5. Physical address of mine or nearest named road North Old Canton Rd, Canton, MS
6. Method of Operation ☒ Open Pit ☐ Strip ☐ Dredge ☐ Wash Operation, if so Water Source _____
Wash System Type ☐ Closed system ☐ Open system
7. Number of Acres to be Permitted:
Excavation 35.20
Haul roads, plant site, ponds,
storage piles, etc. 0.80
TOTAL PERMITTED AREA 36.00
8. Is the Permit Area located: Yes No
a. within 100 feet of a public road? _____ X
b. within 100 feet of a cemetery? _____ X
c. within 300 feet of an occupied building? _____ X
If YES to a, b, or c, a letter must be filed with the Office giving permission from the owner or maintaining authority to mine within these distances to the subject property.
9. Materials to be Mined: Unified CL, MS and SC



10. Has the applicant applied for, or have, any other permits or licenses that pertain to this or any other mining operation? Yes X No

If "YES," list them in the space provided on page 5, or attach separate pages, and give the current status of each, including any violations or penalties. (See Attached JMC Material Pits List)

B. MINING PROCEDURE AND ENVIRONMENTAL ANALYSIS

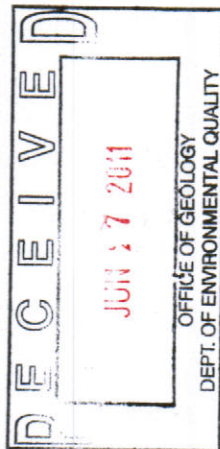
- | | |
|---|--|
| 1. Description of materials:
Thickness of overburden <u>0.5</u> ft.
(Topsoil MUST be stockpiled for use during reclamation)
Thickness of useable material <u>10.0</u> ft.
Total depth of excavation <u>10.5</u> ft.
Estimated annual production <u>125,000</u> tons | 2. Anticipated Schedule (month/year)
Begin clearing <u>7 / 2011</u>
Begin mining <u>7 / 2011</u>
Complete mining <u>12 / 2011</u>
Begin reclamation <u>3 / 2012</u>
Complete reclamation <u>10 / 2012</u> |
|---|--|
3. Depth to ground water: >10.5 ft.
4. How will dust be controlled?
☒ Water on haul roads
☐ _____
5. Types of erosion control structures that will be utilized.
☒ Settling ponds ☐ Drainage ditches
☒ Diversion berms ☐ Terraced slopes
☐ _____
6. Describe the land to be affected by mining as it presently exists:
a. Land use Pasture b. Predominant vegetation Various Pasture Grasses
7. Will explosives be used? Yes X No
8. Is test-boring data available? Yes X No
9. Are toxic materials likely to be encountered at any time? Yes X No
10. Will there be any discharge to local streams or other bodies of water? Yes X No

If any of questions 7-10 are answered "YES," provide additional information on page 5, or attach separate pages.

C. RECLAMATION PLAN

NOTE: It is suggested that the county NRCS office be consulted for specific recommendations on the following items.

1. Describe the soil handling technique for the reclamation phase of the operation:
☒ Topsoil segregated ☐ Mixed strata ☐ _____
2. Describe the protection method for the stockpiled topsoil.
☐ berm around the storage pile
☒ grass cover on the pile (recommended)
☐ stored under a cover
☐ _____
3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)
☐ slopes will be terraced
☒ sloped to a gradient of 3 to 1
☒ blended with surrounding contours
☐ _____



4. What is the general plan for reclamation?

- ☐ reforestation
☒ establish grass cover
☐ pond or lake
☐ _____

5. What planting method will be used?

- ☒ broadcast seed ☐ mechanical seeding
☐ seeding by manual labor
☐ _____

6. How will fertilizer and lime be applied and incorporated?

- ☒ harrowing ☒ broadcasting ☐ disking

7. Quantity of lime and fertilizer to be applied?

a. For initial planting

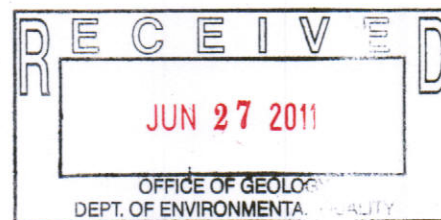
lime: 1.0 tons per acre

fertilizer: 13 - 13 - 13 (type) 500 pounds per acre

b. For successive years prior to 100% release

fertilizer: 13 - 13 - 13 (type) 200 pounds per acre

when: March (month)



8. Describe the planting schedule:

Tree or Seed Species	Tree spacing or lbs./acre	Planting Season
<u>Common Bermudagrass</u>	<u>15 lbs/acre</u>	<u>Spring/Summer/Fall/Winter</u>
<u>Bahiagrass</u>	<u>40 lbs/acre</u>	<u>Spring/Summer/Fall/Winter</u>
<u>Ryegrass</u>	<u>40 lbs/acre</u>	<u>Fall/Winter</u>
_____	_____	_____

9. Will the area be mulched? Yes ☒ No If yes, rate per acre _____

Method of holding in place: ☐ crimped ☐ _____

10. How will the vegetation be maintained until the final bond release?

☐ watering

☒ mowing

times per year 1

approximate month(s) April, _____, _____

☒ repairing gullies

☒ replanting eroded areas

☐ _____

11. How will debris be disposed of when the mine is finally closed?

☐ burying

☒ burning

☐ hauling away

12. Will a soil analysis be submitted for this site? Yes ☒ No

NOTE: available from the Cooperative Extension Service through the applicant's County Agent

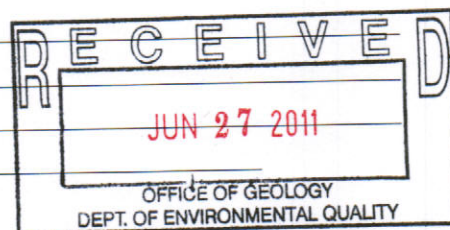
13. Estimated cost per acre for reclamation of this site: \$1,000.00 (minimum of \$1,000 per acre)

D. NAMES AND ADDRESSES OF PERSONS AFFECTED BY THIS OPERATION

1. Landowner(s) of area to be mined/leased

Name: Street Properties, LLC
Address: 252 Country Club Dr.
Canton, MS 39046
Phone: 601-859-7985

Name: _____
Address: _____
Phone: _____



2. Landowner(s) within 500 feet of the area

Name: Anna Charles Larson
Address: 38 Boardwalk
Scottsboro, AL 35769
Phone: _____
Ruth & Henning Ranstrom
Name: c/o Grant Ranstrom
Address: 8031 Whiskey Lake Dr. NW
Brandon, MS 56315
Phone: _____

Name: Peggy C. Black, et.al.
Address: 2868 Hwy 51 South
Canton, MS 39046
Phone: _____
Name: Danny R. Purvis
Address: 2186 N Old Canton Rd
Canton, MS 39046
Phone: _____

3. Person(s) living on permit area

Name: N/A
Address: _____
Phone: _____

Name: _____
Address: _____
Phone: _____

I declare that I have knowledge of the facts presented in the preceding pages and in all of the items attached to this application; furthermore, I certify that they are true to the best of my knowledge.

6/24/2011

date


signature

Kevin C. Thompson, P.E.

printed name

Senior Engineer

title

E. ADDITIONAL COMMENTS

[illegible]

If more space is required, use full sheets of paper the same size as this page. Attach all sheets to this application.

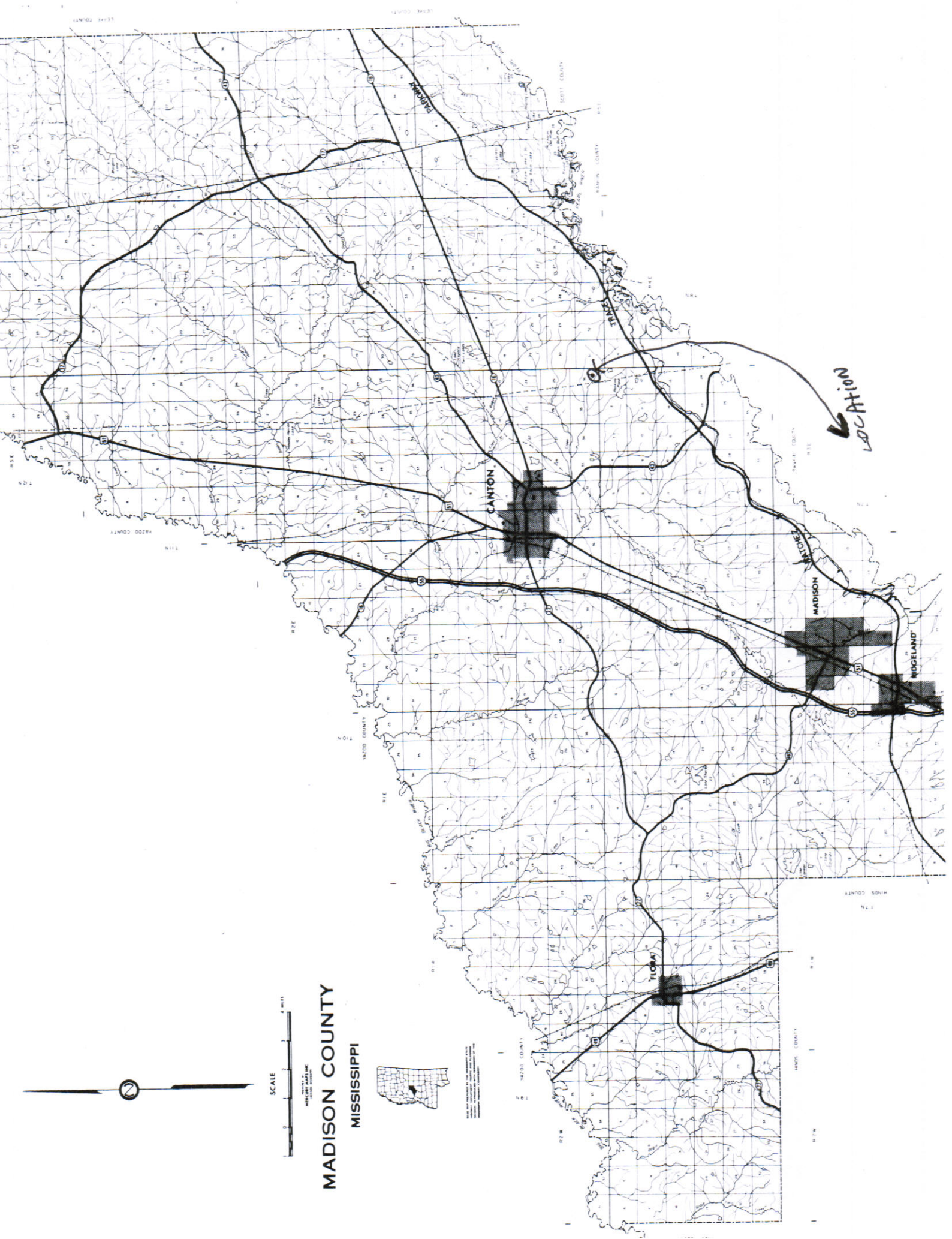


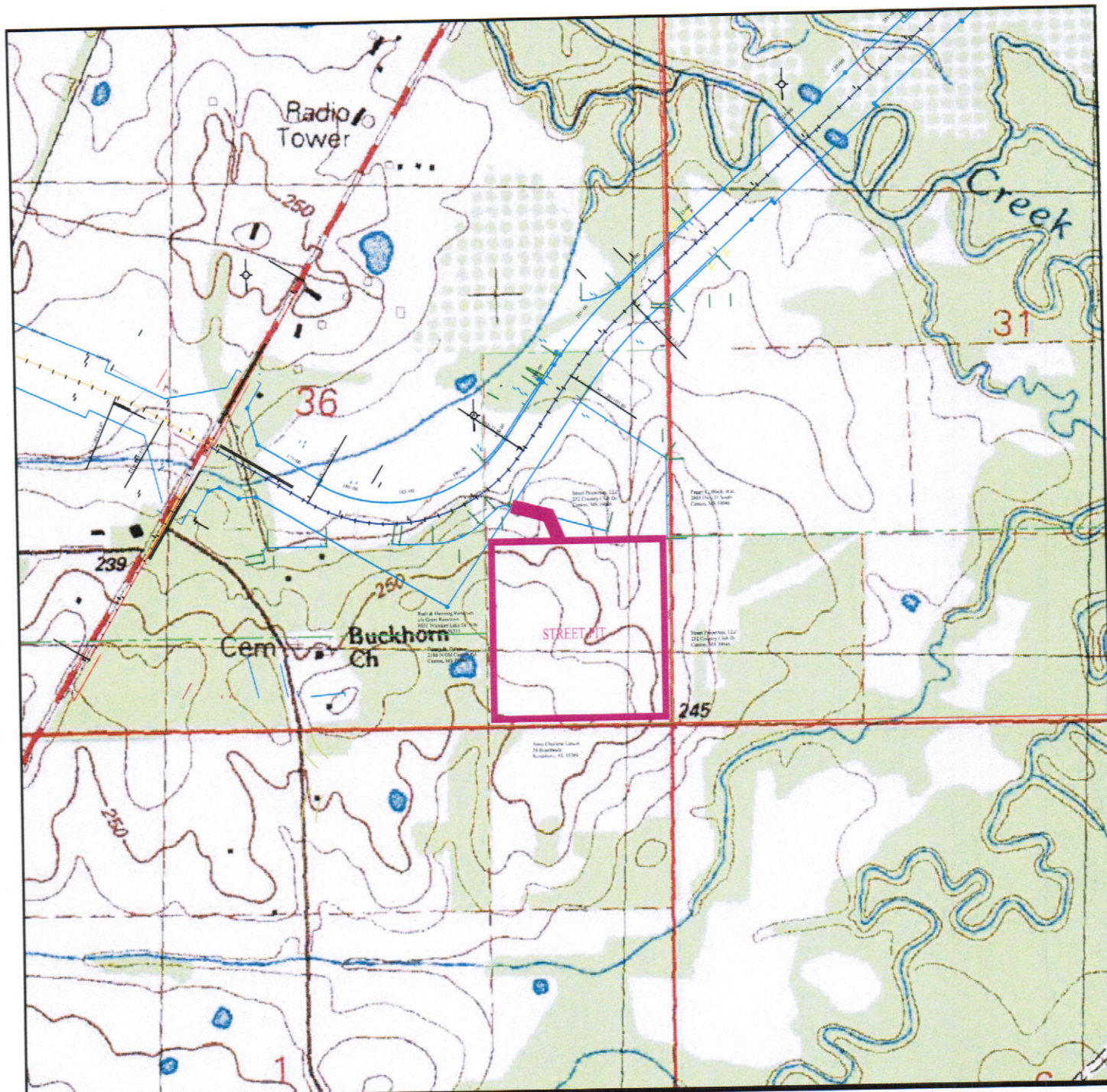
SCALE
0 1 2 3 4 5 6 7 8 9 10
MILES

**MADISON COUNTY
MISSISSIPPI**



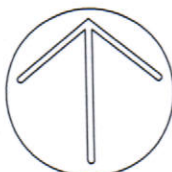
ADDITIONAL INFORMATION:
1. This map is for general reference only.
2. It is not intended for use as a legal document.
3. It is not intended to be used for navigation.





Street Pit is approximately 35 acres
located in the
SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec 36, T9N, R3E
Madison County, MS

Street Pit is located in the Canton Quadrangle.



SCALE: 1" = 1000'

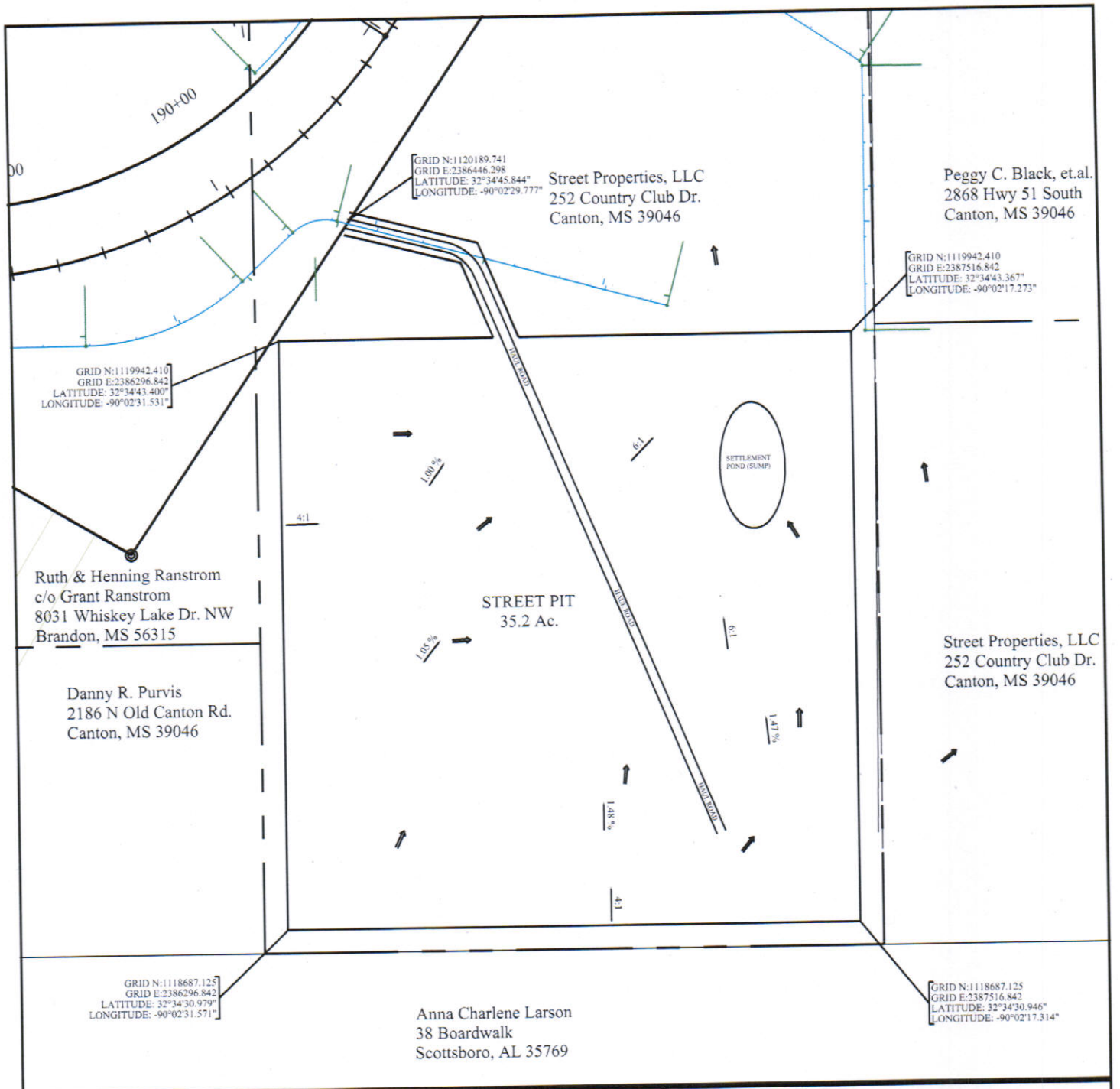
Street Pit Topographic Mapping

for
Joe McGee Construction Company, Inc.
6609 Steve Lee Drive
Lake, MS 39092

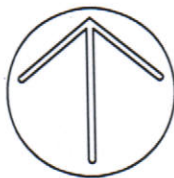
RECEIVED

JUN 27 2011

OFFICE OF GEOLOGY
DEPT. OF ENVIRONMENTAL AFFAIRS



Subsequent to clearing and grubbing, topsoil to be stripped and stockpiled around perimeter of pit area. Upstream storm water runoff to be diverted around pit area through use of topsoil berm. Storm water runoff within pit area to be collected in settlement pond/sump to allow for evaporation or absorption into underlying strata. In the event of excessive rainfall settlement pond to be pumped dry after settlement of solids.

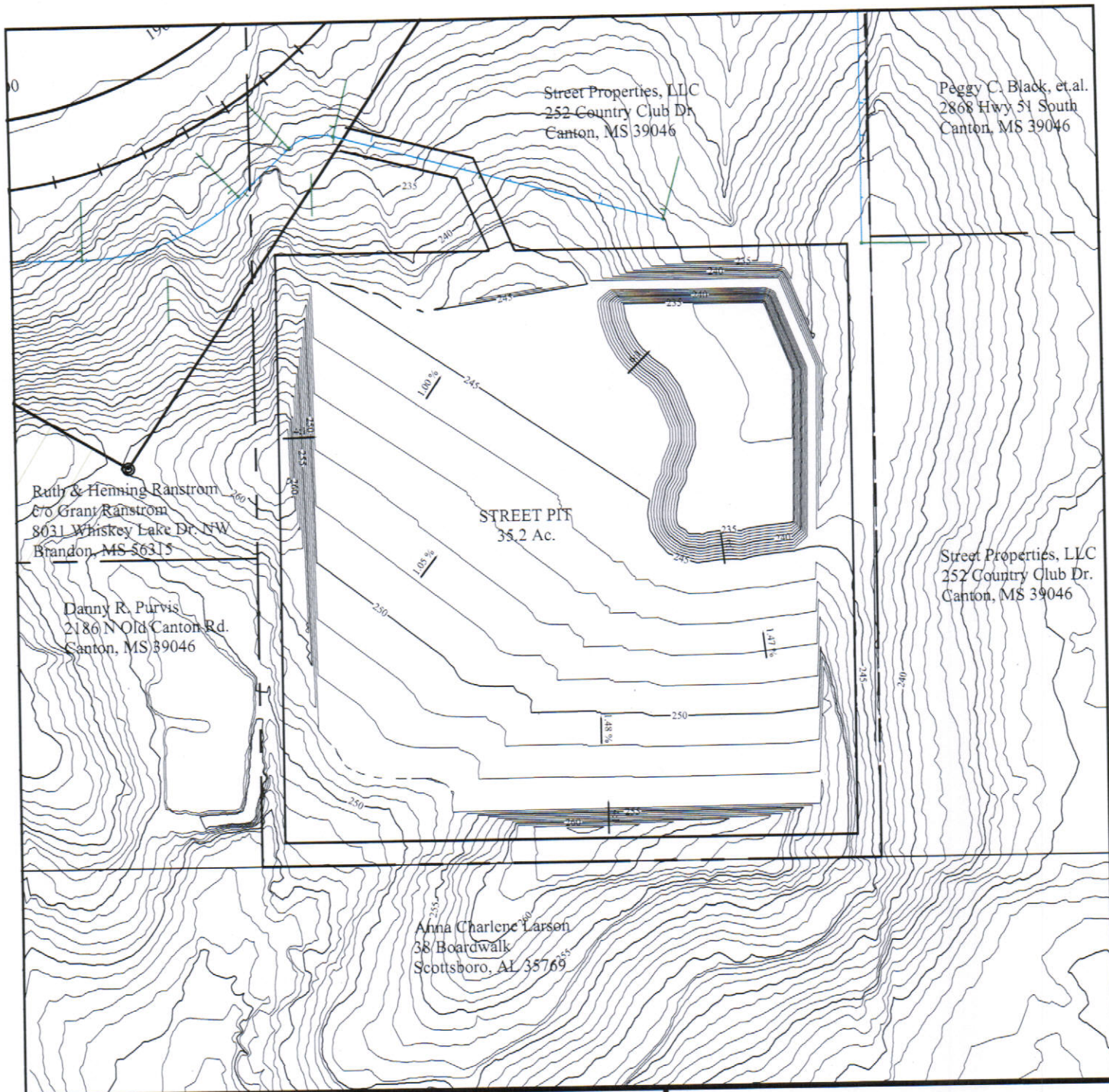


SCALE: 1" = 300'

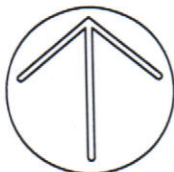
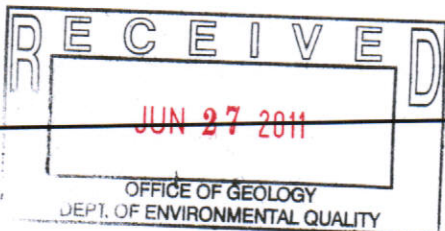
Street Pit Pit Layout

for
Joe McGee Construction Company, Inc.
6609 Steve Lee Drive
Lake, MS 39092

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JUN 27 2011



All disturbed areas to be graded to a maximum 3:1 slope and revegetated in accordance with mining permit reclamation plan.



SCALE: 1" = 300'

Street Pit Reclamation Diagram

for
Joe McGee Construction Company, Inc.
6609 Steve Lee Drive
Lake, MS 39092

Street Properties, LLC
252 Country Club Dr.
Canton, MS 39046

Ruth & Henning Ranstrom
c/o Grant Ranstrom
8031 Whiskey Lake Dr. NW
Brandon, MS 56315

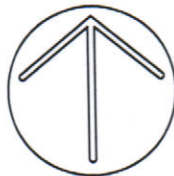
Danny R. Purvis
2186 N Old Canton Rd.
Canton, MS 39046

STREET PIT
35.2 Ac.

TO BE MINED IN 2011

Anna Charlene Larson

Area to be mined in conjunction with
construction of MDOT Project No.
NCPD-6993-00(001). No additional mining
planned subsequent to MDOT project
construction.



SCALE: 1" = 250'

Street Pit Annual Mining Plan

for
Joe McGee Construction Company, Inc.
6609 Steve Lee Drive
Lake, MS 39092

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JUN 27 2011

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Street Properties, LLC
252 Country Club Dr.
Canton, MS 39046

Ruth & Henning Ranstrom
c/o Grant Ranstrom
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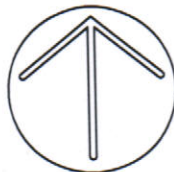
Danny R. Purvis
2186 N Old Canton Rd.
Canton, MS 39046

STREET PIT
35.2 Ac.

RECLAIM IN 2012

Anna Charlene Larson
38 Boardwalk

Area to be reclaimed in subsequent to
construction of MDOT Project No.
NCPD-6993-00(001). No additional mining
planned subsequent to MDOT project
construction.



SCALE: 1" = 250'

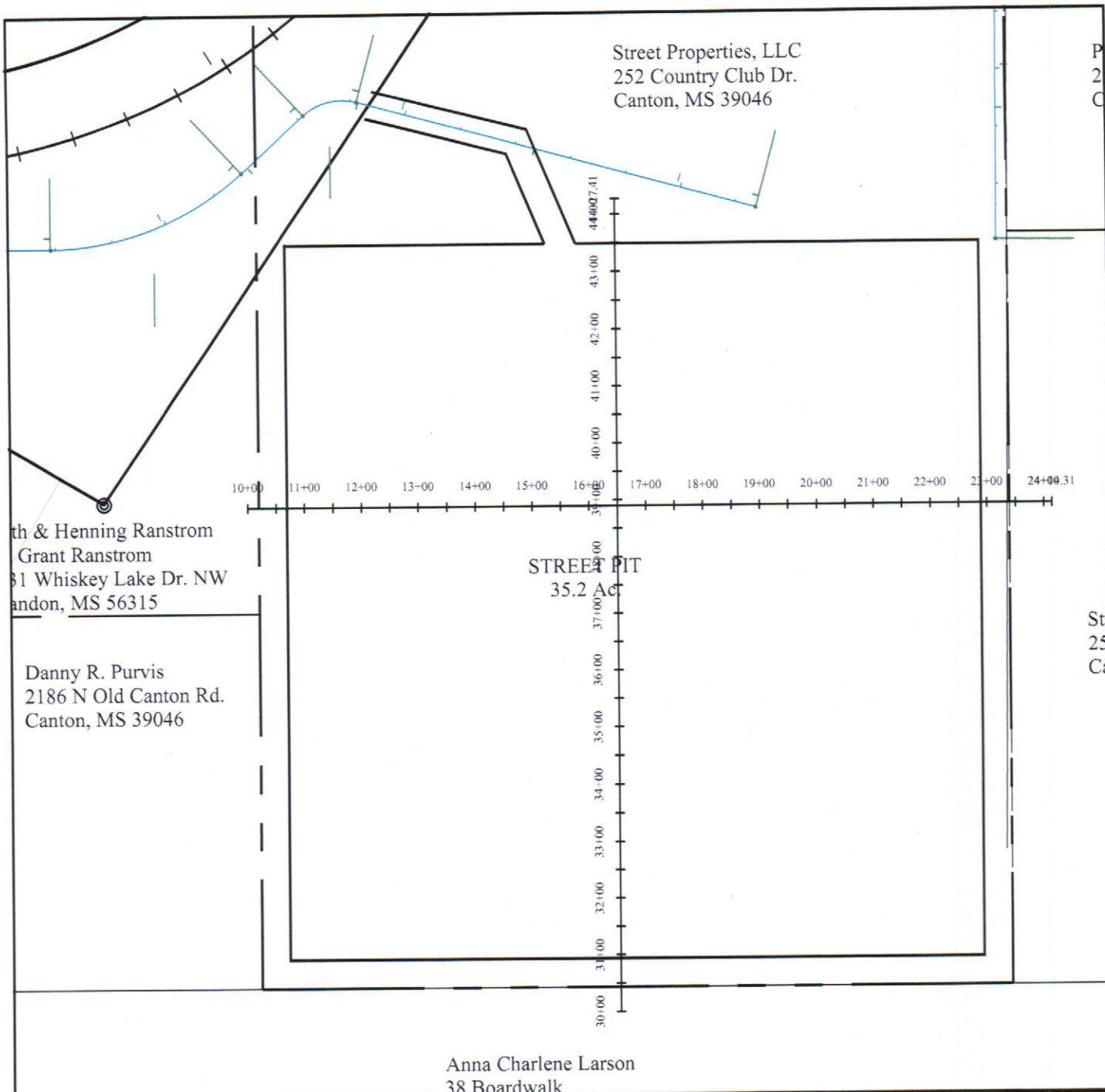
Street Pit Annual Reclamation Plan

for
Joe McGee Construction Company, Inc.
6609 Steve Lee Drive
Lake, MS 39092

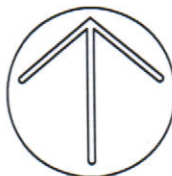
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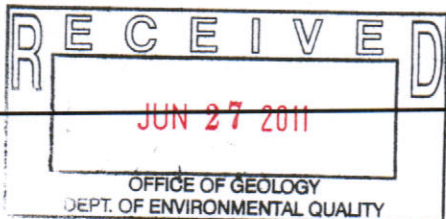
Street Pit is located in the
SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec 36, T9N, R3E
Madison County, MS
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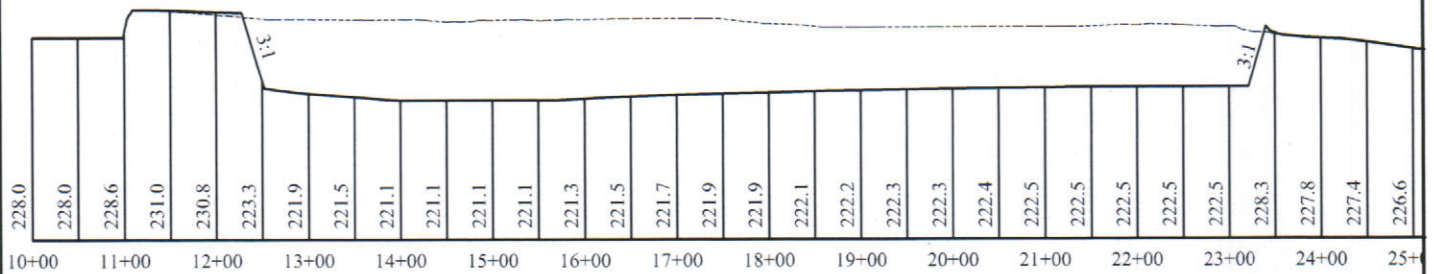


SCALE: 1" = 250'

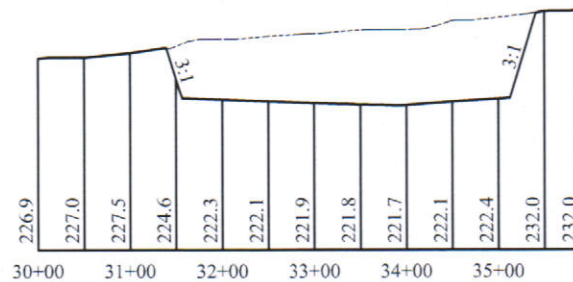
Street Pit Pit Cross Section Alignments

for
Joe McGee Construction Company, Inc.
6609 Steve Lee Drive
Lake, MS 39092





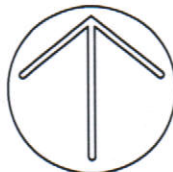
HARRINGTON TRACT 4 WEST TO EAST



HARRINGTON TRACT 4 SOUTH TO NORTH

All slopes to be 4:1 typical with 3:1 max.

All slopes to be plated with previously stockpiled topsoil subsequent to excavation operation.



SCALE: 1" = 200' H
1" = 20' V

Street Pit Pit Cross Sections

for
Joe McGee Construction Company, Inc.
6609 Steve Lee Drive
Lake, MS 39092

