

PROPOSED RECLAMATION PLAN FOR:

Rudy J. Borntreger Site

GENERAL INFORMATION:

Operator Name/Address: H. James and Sons, Inc.
P. O. Box 40
Fennimore, WI 53809

Phone Number: (608) 822-6558

Property Owner: Rudy J. Borntreger
14864 STH 33
Cashton, WI 54619

Phone Number: Not Available

Parcel Number/Site ID#: 016 00724 0000

Property Description: 14864 STH 33
Cashton, WI 54619
SE ¼, NE ¼, Section 35, T 15 N, R 3 W

(Include property address, legal description, and any other information available to help locate and access the property)

SITE INFORMATION:

Current Property Use/Description: *(Include groundwater information, geologic information, existing surface waters, structures, etc.)*

The property is currently used for agricultural purposes. The majority of the site is pasture with a small portion of the site consisting of a farm field. The site is a large hill located directly to the north of the existing farm buildings. Elevation of ground water is unknown but is well below the elevation of planned excavation. There are no surface waters or drainage structures located on the site. The site will be used to obtain borrow material for the STH 33 WISDOT project.

Description of Mineral Deposit: *(Include mineral(s) to be extracted, estimated volume to be removed)*

The property consists of sandstone with a silty overburden. The overburden will be removed and the sandstone will be excavated and used as fill material on the WIDOT project number 5100-07-71, STH 33 Cashton to Ontario project as select borrow. Approximately 62,000 cubic yards of material will be used.

Topsoil Distribution: *(Distribution, thickness and type of topsoil)*

Topsoil at the site is very shallow, 6" thick or less over the entire site. All available topsoil will be salvaged and respread over the area of the site that will be permanently seeded and returned to use as a pasture.

Biological Resources: *(Information available on types of plant life, wildlife species, etc)*

Site is a heavily grazed pasture consisting of natural grasses. No other known types of plant life or wildlife species.

MAPS:

Maps must be provided which indicate the following information. In many cases, items can be combined onto one map to reduce the number of maps being provided.

- Γ Current Site Characteristics including previously mines areas, water retention basins, structures, etc. **(Only required for existing mine sites)**
- Γ General Location Map
- Γ Property Boundaries
- Γ Aerial Extent – proposed area to be mined
- Γ Designated Phases for Mining/Reclamation
- Γ Geologic Composition and Depth of Deposit
- Γ Distribution, Thickness and Type of Topsoil
- Γ Depth to Groundwater Information
- Γ Location of Surface Waters
- Γ Existing Drainage Patterns
- Γ Existing Topography – Contour Maps
- Γ Manmade Features on or Near Site (homes, ponds, etc)
- Γ Final Site Topography – Contour Maps
- Γ Final Site Characteristics

Erosion Control Plan with Maps Attached

PROPOSED POST MINING LAND USE: *(Describe in detail the proposed mining land use, how phasing will be used for reclamation, etc. Also include information on zoning and applicable land use planning.)*

The site is planned to be used to obtain borrow for the WISDOT STH 33 project. The perimeter of the site will be seeded and returned to pasture use. The floor of the excavation area will be graded level and used for future expansion and storage of personal property by the property owner. The property is zoned agricultural. A copy of the erosion control implementation plan submitted to the WISDOT and DNR is attached.

RECLAMATION MEASURES:

Description of Phases and Estimated Time-frames:

The site will be opened in the late spring/early summer of 2014. Sandstone will be excavated during the 2014 construction season. After the required amount of material is removed the site will be reclaimed in the fall of 2014. The duration of the project is one construction season.

Handling of Topsoil:

Existing topsoil will be stripped and temporarily stockpiled at locations out of the excavation area. Stockpiles will be temporarily seeded. At the completion of material removal the topsoil will be evenly spread over the area that will be permanently seeded.

Proposed Slopes and Grades:

Included in the erosion control plan submitted to the DOT and DNR are maps of proposed slopes and drainage patterns.

Description of Grading Methods: *(Including equipment, methods, etc)*

The material will be excavated using a track excavator and loaded into quad axle dump trucks used to haul the material to the STH 33 project. Some blasting is expected to be required to loosen the material for loading purposes. The material will be directly loaded into the trucks with no crushing, screening, or washing of material taking place.

Proposed Final Features: *(Including items such as ponds, wetlands, woodlands, etc)*

No ponds, wetlands, or woodlands will be constructed or created at the site. The site will be used as described above.

RE-VEGETATION MEASURES: *(Describe activities for re-vegetation of the property including grading, seed mixes, seeding rates, soil amendments, when seeding will occur, erosion control methods, etc.)*

Seed Mixes, Seeding Rates and Schedule: *(Include discussion on proposed time-frame for seeding to achieve best results. Seed mixes and rates may be submitted as an attachment)*

The site will be seeded according to WISDOT borrow pit specifications immediately following the completion of material removal.

Seed Bed Preparation Methods:

Seeding and restoration will be performed according to WISDOT Standard Specification 2014 Edition.

Erosion Control Methods:

Silt fence will be installed along lower edges of the site to control sediment runoff. Salvaged topsoil from the site will be temporarily seeded. Existing drainage will be maintained at the site during construction minimizing the amount of channelized flow and limiting the chances of any off site sediment deposits due to runoff. Construction at the site will not include the disturbance of existing waterways. Seeded areas at the site will be mulched or emated according to DOT specifications.

CRITERIA FOR ASSESSING RECLAMATION: *(Describe what criteria will be used to determine that the reclamation is successful – including re-vegetation efforts.. Examples include comparison to a reference plot, baseline data from photographs and plant counts, etc.)*

Inspection of the site will occur after each rainfall event of ½” or more and weekly until the site is established. Areas returned to use as pasture will not be used until adequate vegetation is established.

Financial Assurance: Financial assurance is required to allow the RA access to funds to reclaim a site if the operator fails to do so. This amount will be based on the cost of the RA hiring an outside contractor to complete the reclamation as described in the reclamation plan.

$$\text{Active Acres } \underline{3} \times \overset{\$}{\underline{1500}} \text{ Cost per acre} = \overset{\$}{\underline{4500}}$$

CERTIFICATION:

Operator:

I, Randy Henkel, as an authorized representative of H. James and Sons, Inc., certify that the proposed reclamation of the site referenced in this document will be carried out in accordance with the proposed reclamation plan and any subsequent, approved changes.

Owner and/or Lessee:

I, Rudy J. Bontemps, certify that I concur with the reclamation plan submitted and will allow its implementation.

(If the mine operator has submitted a reclamation plan for an existing mine in accordance with an automatic permit or if the operator has submitted a reclamation plan for a new or reopened mine which is located on land for which a lease agreement or memorandum of lease between the landowner and applicant was recorded prior to August 1, 2001, a certification is not required from the owner or lessee. However, the operator must provide written evidence that the landowner and lessee, if different from the operator, has been provided with a written copy of the reclamation plan)

<http://www.dnr.state.wi.us/org/aw/wm/publications/mining/NonmetRecPlan.pdf>

WS1073 EROSION CONTROL IMPLEMENTATION PLAN (ECIP) WORKSHEET (Rev. 6/12)

Following TRANS 401 of Wisconsin Administrative Code, an ECIP for a project shall be provided to the appropriate WisDOT region office of construction and to the appropriate WDNR liaison as identified in the plan at least 14 days prior to the pre-construction conference, or at a time otherwise agreed upon by WisDOT, WDNR and the prime contractor. The ECIP shall be prepared in a detailed, written and pictorial format that identifies the schedule, timing, and methodology for the contractor's implementation of the project's erosion control plan. See the ECIP Worksheet Instructions in the Appendix for additional information regarding ECIP contents.

Project ID: 5100-07-71 Highway: STH 33 County: Monroe
Name of Road/Project: Cashton - Ontario, Cashton Ely to Brush Creek Bridge
Type of Work: Roadway widening, pulverize and relay, intersection upgrades
Prime Contractor: H. James and Sons, Inc.
Address: P. O. Box 40 Fennimore, WI 53809
Contact Person: Randy Henkel Phone: (608) 822-6558
DOT Project Manager: Tony Vanderwielen Project Leader: Dale Merten

A. The following shall complement the WisDOT project erosion control plan.

1. Principal contact of the contractor responsible for installation, maintenance, and removal of erosion control and storm water management measures at the project sites.
Name: Joe Wolf Office: (715) 665-2608
Phone: Cell: (715) 556-1838
Firm: Mattison Contractors, Inc.
Address: 811 W. Highway 12 Knapp, WI 54749
2. A description of the intended timetable and sequence of major land disturbing activities at the project sites.
3. A description of erosion control and storm water management measures to be utilized and a schedule for implementing them, including staging construction and maintenance to limit disturbed areas subject to erosion; timing and use of erosion control mobilizations; method for winter shut-down; and the removal of temporary measures.
4. For each structure on the project identify:
 - a. How any Special Provisions relating to bridge removal will be met.
 - b. The structure removal capture system to be used.
 - c. Dewatering methods and locations.
 - d. Protection around abutments and pier(s).
 - e. Location and protection of stockpile(s).
 - f. How water will be handled (i.e. diversion channel, pumping), include detailed plan.
 - g. Location of staging areas.
 - h. Any changes needed to the 404 permit.
5. A description of any additions, amendments, deletions or modifications to the projects erosion control plan or any of the contract documents which pertain to erosion control and stormwater management for the project sites.

PROGRESS SCHEDULE
 DT1997 2/2006 (Replaces EC707)

Project ID 5100-07-71	Name of Road Cashton - Ontario	County Monroe	Hwy. No. STH 33	Contractor H James and Sons, Inc.
Contract Time <input type="checkbox"/> Working Days <input type="checkbox"/> Calendar Days	or Completion Date of 31-Oct-14	Estimated Start Date 5-May-14	Estimated Completion Date 31-Oct-14	Prepared By Randy Henkel
			Date 12/16/2014	

1. The contractor shall submit a copy of the progress schedule to the Region's Project Manager prior to beginning work and 14 days prior to the preconstruction conference. At any time the work falls behind schedule, the Contractor shall submit a revised schedule, if requested by the Engineer.

2. Bar graphs shall be drawn chronologically in the sequence the work will be performed to depict the progress schedule. On working day contracts, the controlling item must be identified.

Work Items or Operations	Quantity & Units	Est. Daily Production	BAR GRAPH LEGEND												
			5-May	12-May	19-May	26-May	2-Jun	9-Jun	16-Jun	23-Jun	30-Jun	7-Jul	Proposed Actual		
Traffic Control			4	4	4	4	4	4	4	4	4	4	4	4	Proposed Actual
Temporary Erosion Control															Proposed Actual
Clear and Grub	46 Stat	5 Stat													Proposed Actual
Salvage Topsoil	250,100 SY														Proposed Actual
Common Excavation	69,874 CY	1500 CY		137-236											Proposed Actual
Marsh Excavation	1637 CY	800 CY			184-188										Proposed Actual
Select Borrow Excavation	62,322 CY	2500 CY													Proposed Actual
Select Crushed	13,000 Ton	3000 Ton													Proposed Actual
CABC 1 1/4"	71,481 Ton	3000 T Reconstruct 1500 T Recondition													Proposed Actual
Finish/Permanent Erosion Control															Proposed Actual

PROGRESS SCHEDULE
 DT1997 2/2006 (Replaces EC707)

Project ID 5100-07-71		Name of Road Cashton - Ontario		County Monroe		Hwy. No. STH 33		Contractor H James and Sons, Inc.	
Contract Time <input type="checkbox"/> Working Days <input type="checkbox"/> Calendar Days		or Completion Date of 31-Oct-14		Estimated Start Date 5-May-14		Estimated Completion Date 31-Oct-14		Prepared By Randy Henkel	
Date		Date		Date		Date		Date	
<input checked="" type="checkbox"/> Month		<input type="checkbox"/> Week		14-Jul		21-Jul		28-Jul	
<input checked="" type="checkbox"/> Week of		4		4		4		4	
Estimated No. of Working Days per		<input type="checkbox"/> Month →		4		5		4	
		<input checked="" type="checkbox"/> Week →		4		5		4	
1. The contractor shall submit a copy of the progress schedule to the Region's Project Manager prior to beginning work and 14 days prior to the preconstruction conference. At any time the work 2. Bar graphs shall be drawn chronologically in the sequence the work will be performed to depict the progress schedule. On working day contracts, the controlling item must be identified.									
Month Week of → Estimated No. of Working Days per <input type="checkbox"/> Month → <input checked="" type="checkbox"/> Week →									
Work Items or Operations	Quantity & Units	Est. Daily Production	BAR GRAPH LEGEND						
Traffic Control			Controlling Item Non-Controlling Item						
Temporary Erosion Control			As Needed						
Salvage Topsoil	250,100 SY		As Needed						
Common Excavation	69,874 CY	1500 CY	As Needed						
Select Borrow Excavation	62,322 CY	2500 CY	354 - 493						
CABC 1 1/4"	71,481 Ton	1500 Ton	212 - 348						
Finish			As Needed						
Curb and Gutter	11,250 LF	1200 LF	Eros Mob 212 - 348						
Pulverize and Relay	178,110 SY	18,000 SY	Eros Mob 212 - 348						
Asphalt	44,353 Ton	2200 Ton	Eros Mob 212 - 348						

PROGRESS SCHEDULE
 DT1997 2/2006 (Replaces EC707)

Project ID 5100-07-71	Name of Road Cashton - Ontario	County Monroe	Hwy. No. STH 33	Contractor H James and Sons, Inc.						
Contract Time <input type="checkbox"/> Working Days <input checked="" type="checkbox"/> Calendar Days	or Completion Date of 31-Oct-14	Estimated Start Date 5-May-14	Estimated Completion Date 31-Oct-14	Prepared By Randy Henkel						
Date 12/16/2014										
1. The contractor shall submit a copy of the progress schedule to the Region's Project Manager prior to beginning work and 14 days prior to the reconstruction conference. At any time the work										
2. Bar graphs shall be drawn chronologically in the sequence the work will be performed to depict the progress schedule. On working day contracts, the controlling item must be identified.										
<input type="checkbox"/> Month <input checked="" type="checkbox"/> Week of	Estimated No. of Working Days per									
<input type="checkbox"/> Month <input checked="" type="checkbox"/> Week	14-Jul	21-Jul	28-Jul	4-Aug	11-Aug	18-Aug	25-Aug	1-Sep	8-Sep	15-Sep
Est. Daily Production	4	4	5	5	4	4	4	4	4	4
Work Items or Operations	BAR GRAPH LEGEND									
CABC 3/4"	Controlling Item									
Paint	Non-Controlling Item									
C-41 - 80	Proposed Actual									
B - 41 - 282	Proposed Actual									

PROGRESS SCHEDULE

DT1997 2/2006 (Replaces EC707)

Wisconsin Department of Transportation

Project ID	5100-07-71	Name of Road	Cashton - Ontario	County	Monroe	Hwy. No.	STH 33	Contractor	H James and Sons, Inc.
Contract Time	<input type="checkbox"/> Working Days <input type="checkbox"/> Calendar Days	or Completion Date of	31-Oct-14	Estimated Start Date	5-May-14	Estimated Completion Date	31-Oct-14	Prepared By	Randy Henkel
Date								Date	12/16/2014

1. The contractor shall submit a copy of the progress schedule to the Region's Project Manager prior to beginning work and 14 days prior to the preconstruction conference. At any time the work

2. Bar graphs shall be drawn chronologically in the sequence the work will be performed to depict the progress schedule. On working day contracts, the controlling item must be identified.

Month
 Week of _____

Estimated No. of Working Days per Month Week →

Work Items or Operations	Quantity & Units	Est. Daily Production	22-Sep	29-Sep	6-Oct	13-Oct	20-Oct	27-Oct	Proposed Actual
Traffic Control									Proposed Actual
Temporary Erosion Control									Proposed Actual
Pulverize and Relay									Proposed Actual
Asphalt									Proposed Actual
CABC 3/4"									Proposed Actual
Guard Rail									Proposed Actual
Signs									Proposed Actual
Paint									Proposed Actual

BAR GRAPH LEGEND

Controlling Item: [Solid Black Bar]

Non-Controlling Item: [Hatched Bar]

Remove Traffic Control: [White Bar]

Remove: [Dotted Bar]

As Needed: [White Bar]

STH 33
Cashton – Ontario
Cashton Ely to Brush Creek Bridge
Monroe County
5100-07-71
Progress Schedule Attachment

Schedule is based on five working days per week (Monday – Friday). Some work may be performed on Saturday such as paving.

Schedule is based on one shift per day, 10-12 hours per shift.

Working hours: between the hours of 6:00AM to 7:30PM.

Department specified holidays as noted are taken into account:

- From noon Friday, May 23, 2014 to 6:00 AM Tuesday, May 27, 2014 for Memorial Day
- From noon Thursday, July 3, 2014 to 6:00 AM Monday, July 7, 2014 for Independence Day
- From noon Friday, August 29, 2014 to 6:00 AM Tuesday, September 2, 2014 for Labor Day

Estimated adverse weather days per month as specified in 108.10.2.2 of the standard specifications are taken into account in the schedule.

Grading crews will consist of quad axle dump trucks.

STH 33
Cashton – Ontario
Cashton Ely to Brush Creek Bridge
Monroe County
5100-07-71

Attachment A3:

The project contains numerous items for both temporary and permanent erosion control. Temporary measures that are to be utilized are as follows. Silt fence will be used to prevent sediment from leaving the project, to protect wetlands, and to protect temporary stockpiles. Silt fence will be installed prior to stripping topsoil or immediately following as applicable. Silt fence in wetlands will be installed prior to marsh excavation and backfill. Silt fence will be added as needed following weekly inspections and as directed by the engineer. Silt fence will be maintained as needed. Inlet protection Types A and C will be used to prevent sediment from entering storm sewer structures and drainage pipes during construction. Culvert pipe checks will be used to prevent sediment from entering culvert pipes. Inlet protectors and culvert pipe checks will be installed on a timely basis following the installation of storm sewer and culvert pipes. Temporary seed will be utilized to protect stockpiled topsoil, protect areas of grading that cannot be permanently seeded, and to provide quick vegetation cover as a supplement with permanent seeding. Temporary seed will be utilized on an as needed basis and as directed by the engineer. Tracking pads will be used as needed to prevent sediment from tracking on to public roadways at the entrance to borrow sites. Temporary stone ditch checks will be installed following finish grading to prevent erosion in ditch flow lines until vegetation is established. Dust will be controlled during construction with the use of water. The project will be inspected weekly and following each rainfall event of ½" or more to determine the need for maintenance of temporary measures or the need for additional measures. Temporary erosion control measures will remain in place until permanent measures can be installed or until sufficient grass cover has been established to stabilize the area.

Permanent erosion control measures will be installed in a timely and diligent manner. Grading and finishing operations will occur in a timely and continuous manner to the extent possible. Permanent measures to be utilized and included in the plan are as follows. Erosion mat Class I Type B, Class II Type B, and Class III Type C will be installed on slopes, in ditch flow lines, and at culvert pipe discharges. In seeded areas that do not receive erosion mat mulch will be utilized for stabilization. Temporary ditch checks will be used to slow water and prevent erosion during the establishment of permanent vegetation. Rip rap will be installed at the outflow of culvert pipes and box culverts. Asphalt flumes will be installed at the ends and low points of curb and gutter to direct water to ditches and prevent erosion.

The project is a one year project and will be completed prior to winter shutdown. The plan includes five erosion control mobilizations. They will be used for mobilizations required for the installation and removal of temporary measures at the beginning and end of the project, and for mobilizations required for the installation of permanent measures. The project identifies two environmentally sensitive areas. Safety fence will be installed prior to ground disturbing activities to delineate the areas.

STH 33
Cashton – Ontario
Cashton Ely to Brush Creek Bridge
Monroe County
5100-07-71

Attachment A4:

The project contains several box culvert extensions along with the construction of a new box culvert, B-41-282. All extensions involve the removal of existing wings and end sections, extension of existing box, and installation of new end sections and wing walls. B-41-282 replaces an existing box at a relocated location. All box culvert extensions and the new box are in dry waterways and no dewatering is anticipated. There will be no removals in or over water requiring a removal capture system. Excavations will be incorporated into the fills on the project and will not be stockpiled. Rip rap will be installed immediately following completion of the box culvert.

Attachment A5:

Planned erosion control measures both temporary and permanent will be installed in a timely manner along with any additional preventative measures that may be required as the need arises. Silt fence will be installed per plan and as directed by the engineer. The entire site will be inspected after each rainfall event of $\frac{1}{2}$ " or more and all erosion control measures will be maintained as needed. Any additional erosion control measures will also be added as may be deemed necessary during the inspection. All maintenance and additional erosion control measures will be done in a timely and diligent manner.

B. Erosion Control Implementation Plan Requirements - Selected Sites

Project ID: 5100-07-71 Highway: STH 33 County: Monroe
Name of Road/Project: Cashton – Ontario, Cashton Ely to Brush Creek Bridge
Type of Work: Roadway widening, pulverize and relay, intersection upgrades
Prime Contractor: H. James and Sons, Inc.
Address: P. O. Box 40 Fennimore, WI 53809
Contact Person: Randy Henkel Phone: (608) 822-6558
DOT Project Manager: Tony Vanderwielen Project Leader: Dale Merten

The ECIP shall also include, at a minimum, a narrative and pictorial description for each of the selected sites, if any, and attendant erosion control and storm water management measures for the selected sites. If the combined area of the project site and all selected sites disturbs 1 or more acres as determined by WisDOT the following information is required for **each** selected site.

If a selected site is used prior to WisDOT approval, it is not covered under the Cooperative Agreement between DOT and DNR and all applicable permits need to be obtained before the selected site can be used.

1. Selected Site Name: Rudy J. Borntreger Site
Address: 14864 STH 33 Cashton, WI 54619
Town: Jefferson County: Monroe
T15N, R3W, NE ¼ - SE ¼ -
Township Range Section 1/4 Sect. 1/4-1/4 Sect. NE ¼
Include a location map, i.e. a plat map.

2. Principal contact of the contractor or other person responsible for installation, maintenance, and removal of erosion control and storm water management measures at the selected site.
Name: Joe Wolf Office: (715) 665-2608
Phone: Cell: (715) 556-1838
Firm: Mattison Contractors, Inc.
Address: 811 W. Highway 12
Knapp, WI 54749

3. Is this a commercial pit? No If no, continue to #4
If yes, Name of the _____
pit: _____
Contact for the _____ Phone: _____
pit: _____
Include cover sheet of NR 216, NR 135 or COMM permit displaying the permit number, CUP number and expiration date.
Will the waste or borrow be in the permitted area? Yes / No
If yes then end of Part B for this selected site. If no then complete remainder of Part B.

4. Have applicable permits been obtained? Yes
5. Is the selected site on tribal land? No
6. Has the Archaeological Review (Form DT1919) been sent to BEES? Yes
 What was the Bureau recommendation? _____ Have not received response yet
 _____ Survey Recommended _____ High Potential OK to Proceed
7. Construction activity dates at the selected site: Start: 05/01/14 Complete: 10/31/14
8. A narrative description of the selected site as it exists before construction, the nature of the activities to be performed at the site including approximate quantity of waste/borrow material, and land use anticipated after restoration to the site.
9. A description of the intended sequence of major land disturbing activities at the selected site.
10. Estimated total area of selected site: 5 Acres Total disturbed area: 3 Acres
11. Immediate receiving waters: N/A
 (Attach FEMA Floodplain maps)
12. Runoff coefficients at the selected site. (Attach the Runoff Coefficient Table)
 Supply the following estimates: Site slope before construction: 6 – 10% After: 1 – 2%
13. Site map(s) including: (See Trans 401.08(2)(b)(11) for details).
 - a. Boundaries of the site and areas of soil disturbance.
 - b. Existing topography and drainage patterns, roads and surface waters.
 - c. Drainage patterns and approximate slopes anticipated after major grading activities.
 - d. Location of major structural and non-structural erosion control and stormwater management practices.
 - e. Location of areas where stabilization will be employed, including but not limited to vegetation, following construction or maintenance activities.
 - f. Area and extent of wetland acreage on the site, whether disturbed or not.
 - g. Locations where storm water is discharged to a surface water or wetland.
 - h. Location of any internal haul roads.
 (Recommend using USGS maps, Orthophotos, SCS Soils maps, or equivalent.)
14. A description of appropriate erosion control and storm water management measures that will be employed at the selected site to prevent sediments and pollutants from reaching waters of the state, including wetlands. The plan shall clearly describe the appropriate best management practice for each major activity identified and the timing during the construction process that the measures will be implemented. The description of best management practices shall include:
 - a. Description of permanent or temporary erosion control and storm water management measures. Plans shall ensure the preservation of existing vegetation where practical.
 - b. Description of structural practices to divert runoff away from exposed soils, to store flows or to otherwise limit runoff and the discharge of pollutants from the site.
 - c. Management of overland flow at the site.
 - d. Trapping of sediment in channelized flow.
 - e. Staging construction to limit bare areas subject to erosion.

STH 33
Cashton – Ontario
Cashton Ely to Brush Creek Bridge
Monroe County
5100-07-71
Rudy J. Borntreger Site

Attachment B8:

The selected site is currently used for agricultural purposes. The majority of the site is pasture with a small portion of the site consisting of a farm field. H James and Sons, Inc. purposes to use the selected site to obtain select borrow for the reconstruction of Sth 33. There is approximately 62,322 cubic yards of material needed for the construction of the project. The site is located directly adjacent to the project with access directly to the project. The select borrow material will be used to construct roadway fills on the project. The material will be hauled to the site using quad axle dump trucks. At the completion of the project the site will return to agricultural use with a portion of the site being constructed for future expansion of buildings. The site consists of an existing sandstone vertical face.

Attachment B9:

Silt fence will be installed along the lower perimeter of the site to prevent any runoff from the site. All existing topsoil will be stripped from the site and stockpiled along the edge of the proposed excavation. Overburden from the site not meeting the requirements of select borrow will be removed and disposed of around the north end of site. The material will be removed from the site and overburden disposed of maintaining existing drainage. The sandstone will be loosened using blasting. The floor of the site will be excavated to an elevation matching the surrounding topography and graded flat. The east edge of the site will be excavated to vertical benches to limit the area of disturbance. At the completion of material removal the perimeter of the site will be seeded and return to pasture use with the floor of the pit being used by the property owner for storage and future expansion. Restoration of the site will take place in the fall following removal of material. Dust from hauling operations will be controlled by the use of water. Existing drainage patterns at the site will not be altered.

Attachment B14:

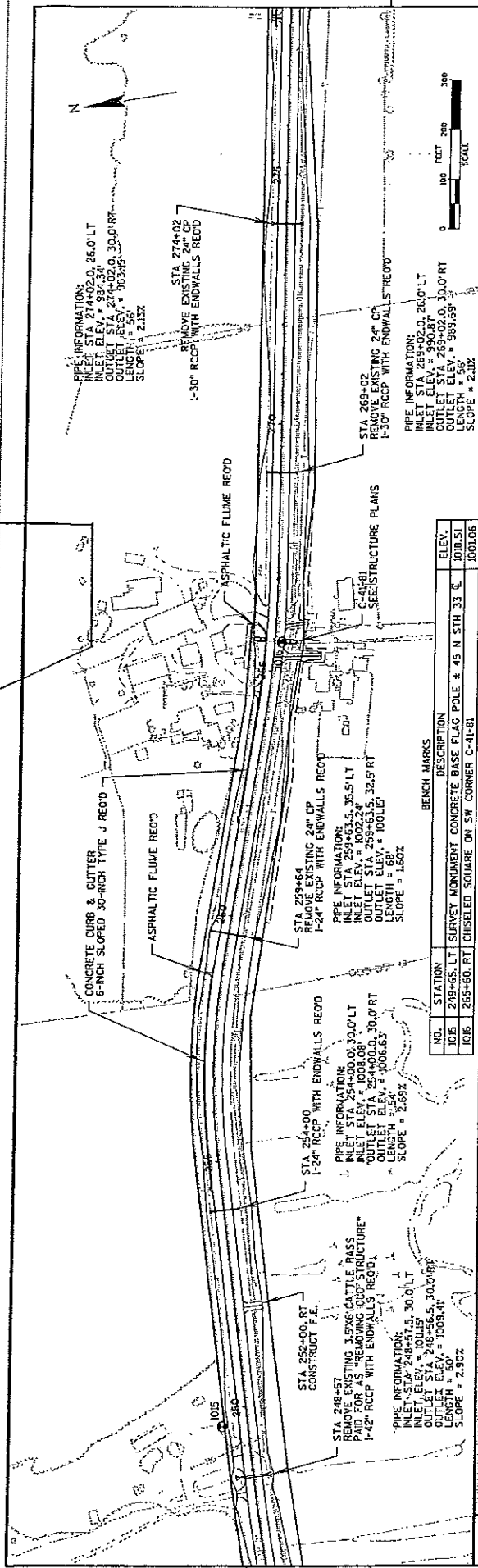
The existing topography of the site and surrounding areas provides limited drainage to and through the selected site. Silt fence will be installed along lower edges of the site to control sediment runoff. Salvaged topsoil from the site will be temporarily seeded. The existing site drains in multiple directions limiting the amount of channelized flow. Existing drainage will be maintained at the site during construction to continue minimizing the amount of channelized flow and limiting the chances of any of site sediment deposits due to runoff. The site will be opened in stages as the need for borrow material

arises limiting the amount of exposure to nonvegetated soils. In the event that any sediment should leave the site it will be cleaned using track type equipment as soon as it becomes practical to do so. Construction at the site will not include the disturbance of existing waterways or affect any down slope drainage structures. The site accesses directly to the project with minimal if any tracking of sediments anticipated. In the event that tracking should occur it will be swept with a power broom. If needed a tracking pad will be installed at the entrance to the project. Dust at the site will be controlled with the use of water. The salvaged topsoil at the site will be replaced and the site will be permanently seeded immediately following the removal of material. Seeded areas will be mulched or emated according to BMP's.

Attachment B16:

Inspection of the site will occur after each rainfall event of ½" or more and weekly until the site is established. Areas discovered to need additional restoration or the installation of additional erosion control measures both temporary and permanent during the inspection will be addressed as soon as practical. The site will be restored during the 2014 construction season and will not remain open through the winter.

Rudy J Borntrager Site



NO.	STATION	DESCRIPTION	ELEV.
1016	248+45.17	SURVEY MONUMENT CONCRETE BASE FLAG POLE # 45 N STH 33	1016.51
1016	248+60.17	CHISELED SQUARE ON SW CORNER C-41-81	1016.06

STATION	ELEVATION	DESCRIPTION
1016.52	1016.23	VPI STA 248+50.00
1015.72	1015.20	VPI STA 248+55.00
1015.59	1014.71	VPI STA 248+60.00
1014.71	1014.81	VPI STA 248+65.00
1013.73	1013.85	VPI STA 248+70.00
1012.72	1012.70	VPI STA 248+75.00
1011.74	1011.74	VPI STA 248+80.00
1010.94	1010.94	VPI STA 248+85.00
1010.29	1010.31	VPI STA 248+90.00
1009.33	1009.34	VPI STA 248+95.00
1008.41	1008.39	VPI STA 249+00.00
1007.52	1007.34	VPI STA 249+05.00
1006.43	1006.50	VPI STA 249+10.00
1005.90	1005.85	VPI STA 249+15.00
1004.91	1004.82	VPI STA 249+20.00
1003.20	1003.16	VPI STA 249+25.00
1003.21	1003.06	VPI STA 249+30.00
1002.23	1002.20	VPI STA 249+35.00
1002.69	1002.60	VPI STA 249+40.00
998.10	998.12	VPI STA 249+45.00
995.40	995.39	VPI STA 249+50.00
993.53	993.49	VPI STA 249+55.00
991.97	991.89	VPI STA 249+60.00
990.79	990.79	VPI STA 249+65.00
989.98	989.91	VPI STA 249+70.00
989.20	989.03	VPI STA 249+75.00
988.28	988.14	VPI STA 249+80.00
987.22	987.10	VPI STA 249+85.00
986.13	986.13	VPI STA 249+90.00

PROJECT NO: 5100-07-71
 COUNTY: MONROE
 HWY: STH 33
 PLAN & PROFILE
 PLOT DATE: 02-AUG-2013 07:25
 PLOT BY: gongyf
 PLOT SCALE: 200:1
 SHEET 139
 WISDOT/CALDWELL/ET 44



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Jefferson

33

Rudy J Bontreger Site

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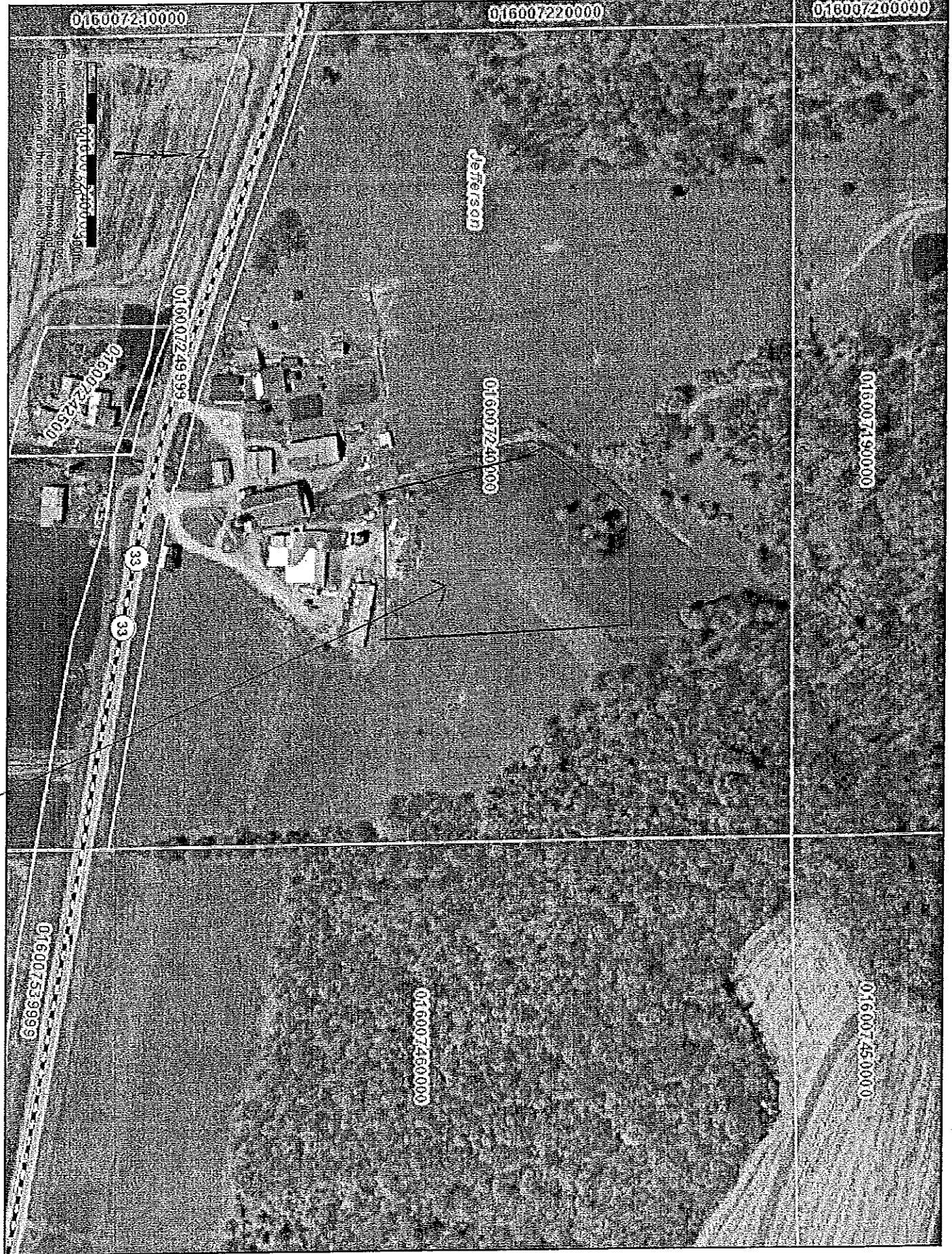
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Rudy J Bontreger Site



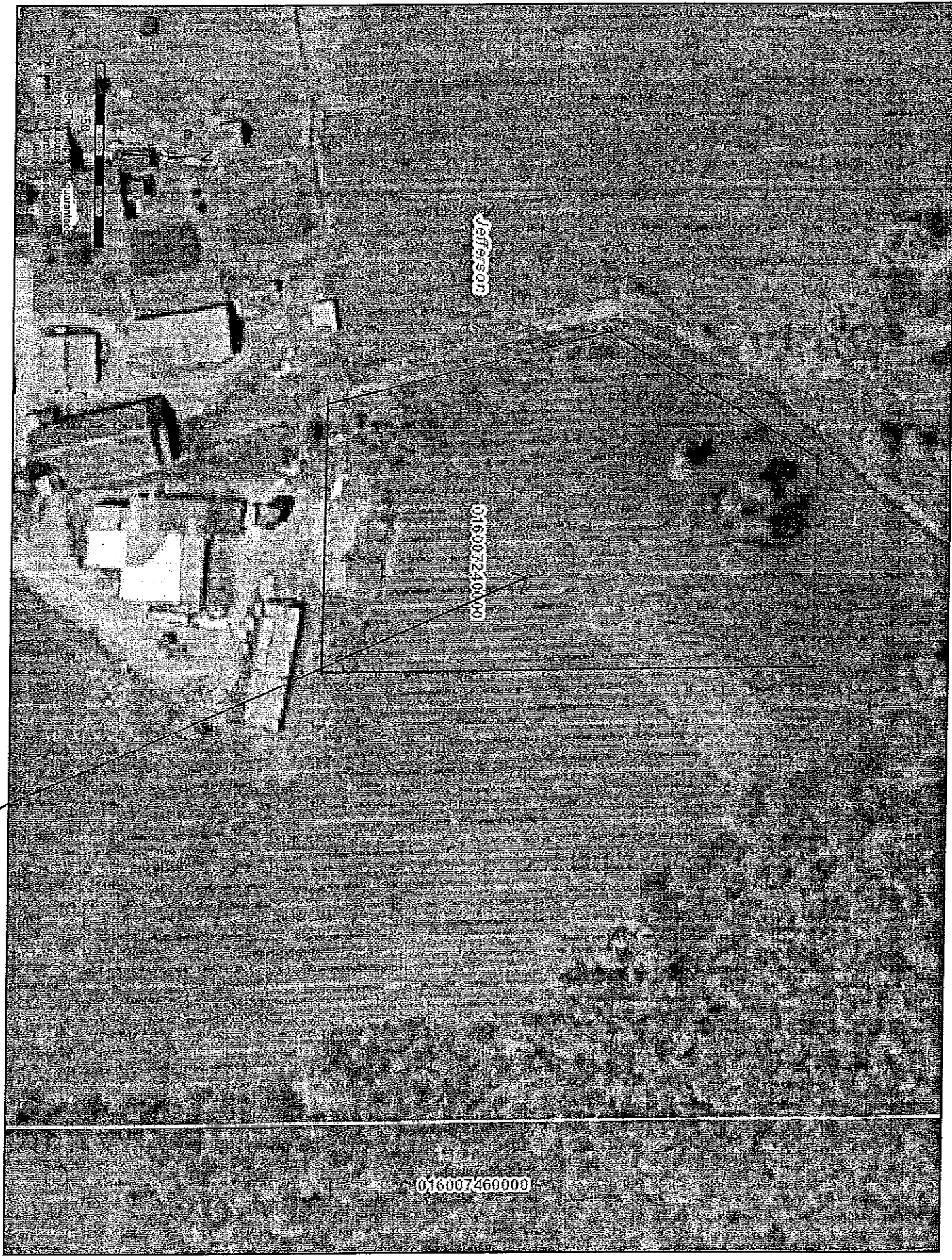
501
SOLAR Thermal Quarries
Aerial photograph and map
control points are possible

Jefferson

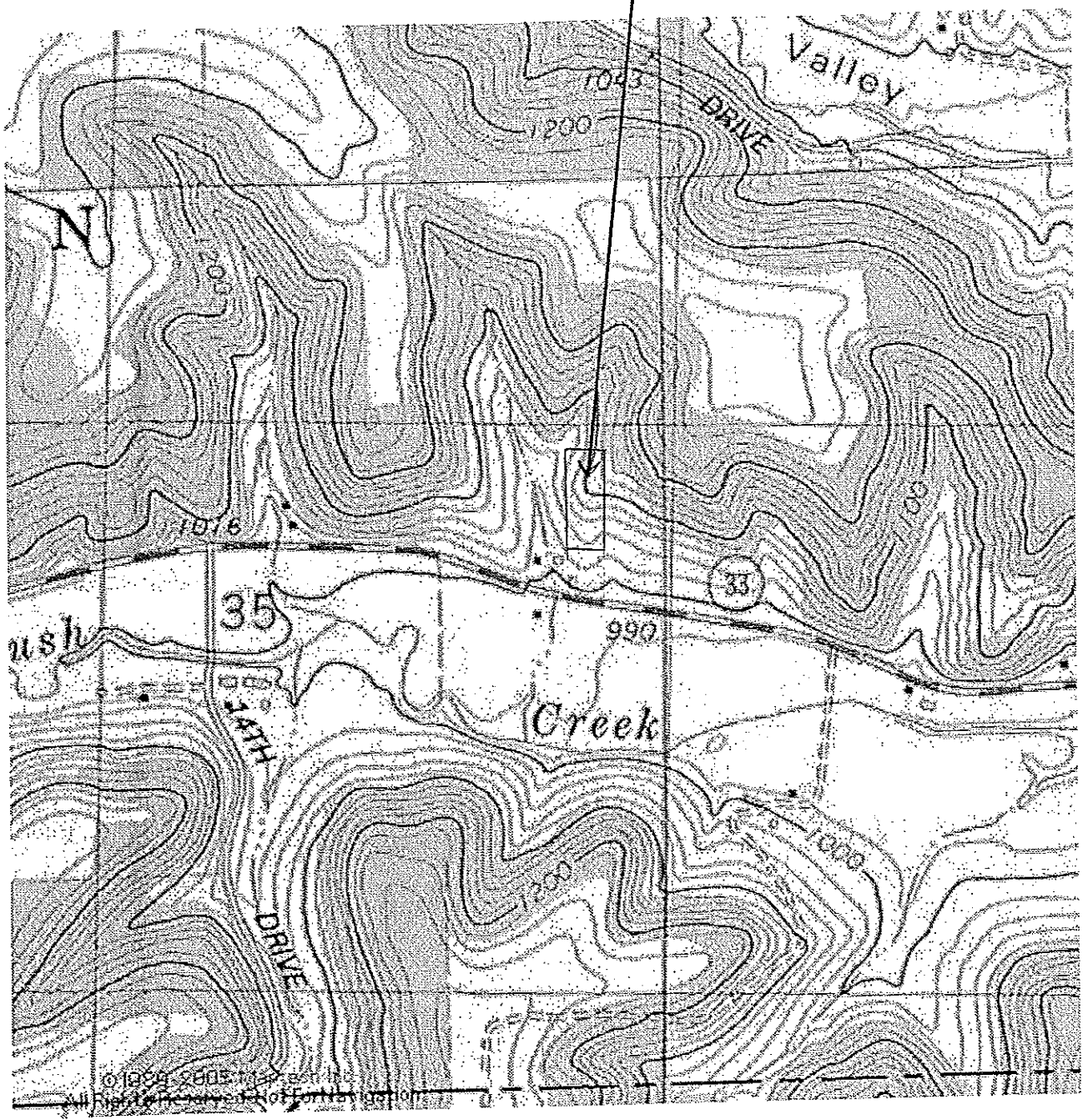
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Rudy J Bontreger Site



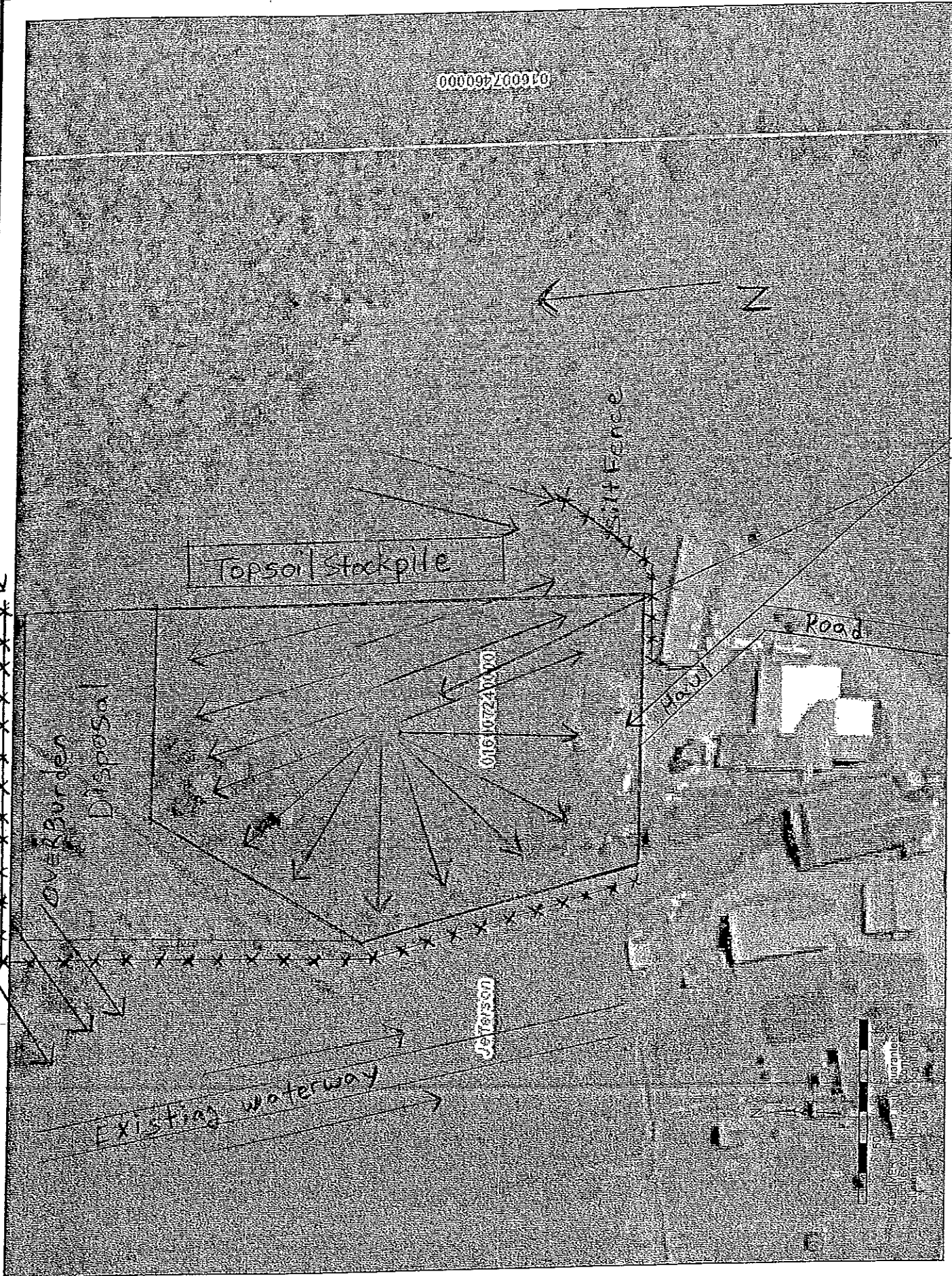
Rudy J Borntreger Site



Silt Fence

EXISTING DRAINAGE

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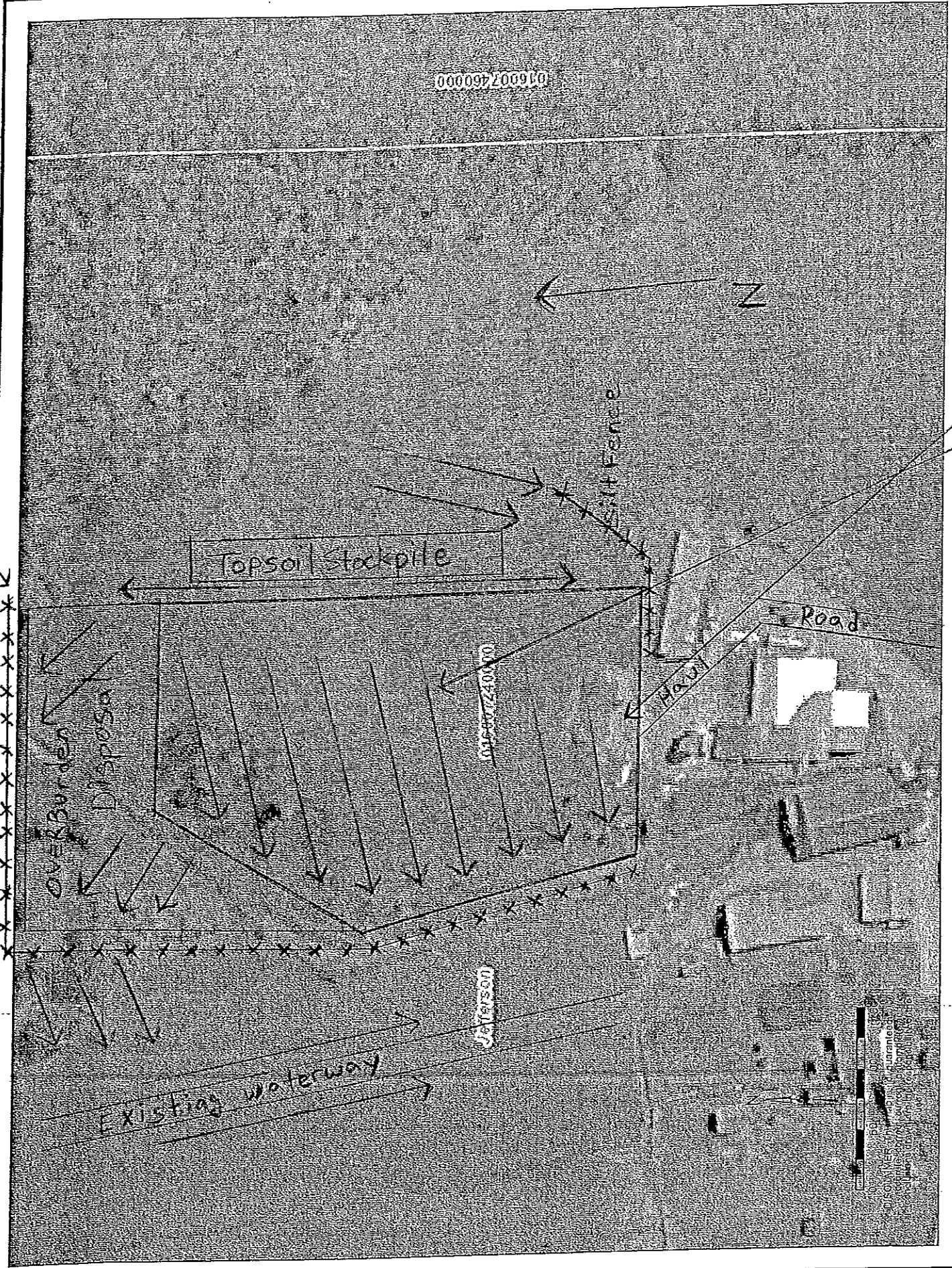
Rudy J Borntrager Site

Existing Drainage

Existing Sandstone Face

Proposed Drainage

Silt Fence



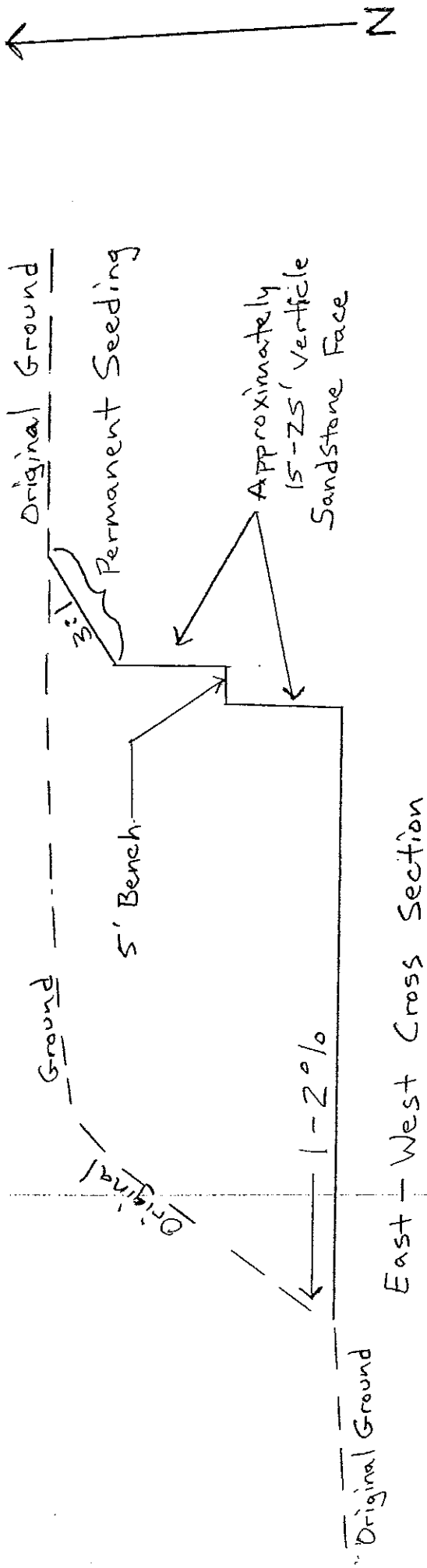
000097200910

Proposed Drainage

Rudy J Borntrager Site

Existing Sandstone Face

Rudy J Barntreger Site
Proposed Cross sections



Monroe County
 Land Conservation Department
 820 Industrial Drive, Suite 3
 Sparta WI 54656
 (608) 269-8976



APPLICATION FOR
 RECLAMATION PERMIT FOR NEW OR
 REOPENED NONMETALLIC MINING SITES
 Form NM-02 Date - 1/14

PLEASE COMPLETE ALL INFORMATION ON THIS APPLICATION. PRINT OR TYPE. Use of this form is required for any nonmetallic mining reclamation permit application filed pursuant to Chapter NR 135, Wis. Adm. Code. Monroe County will not consider your application unless you complete and submit all information required by this application form.

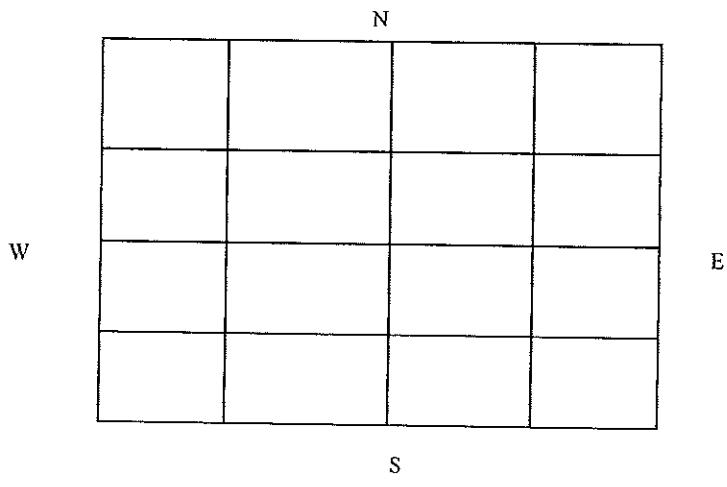
<p>1. Applicant/Operator <u>H. James and Sons, Inc.</u> Address <u>P. O. Box 40</u> City, State, Zip Code <u>Fennimore, WI 53809</u> Telephone No. (Include area code) <u>(608) 822-6558</u></p>	<p>2. Property Owners/Lessors (if different from Applicant/Operator) <u>Rudy J. Borntrager</u> Address <u>14864 STH 33</u> City, State, Zip Code <u>Cashton, WI 54619</u> Telephone No. (Include area code) <u>Not Available</u> (Additional owner/lessor information can be submitted on separate sheet)</p>
---	---

3. Property Description: Provide the complete legal description of the property on which the mine is located (example: N 1/2, NE 1/4, Section 3, T29N, R6E)

SE 1/4, NE 1/4, Section 35, T 15 N, R 3 W
 (Town) City, Village of Jefferson, County of MONROE
 Tax Parcel Number 016 00724 0000
 Total Site Acreage 3 Acres

4. General Location Map - draw the location of the site on the section map below. Include roads and any other pertinent information and label 1/4 section points. Alternatively, attach a plat map, topographic map or other map of sufficient detail to enable access to the site by public roads

Maps Attached



5. Project Information: Please provide a brief description of the general location (including surrounding land use) and the nature of the nonmetallic mine (type of deposit, proposed frequency and expected duration of mining activity).

The property is currently used for agricultural purposes. The majority of the site is pasture with a small portion of the site consisting of a farm field. H James and Sons, Inc. purposes to use the site to obtain select borrow for the reconstruction of STH 33. There is approximately 62,322 cubic yards of material needed for the construction of the project. The site is located directly adjacent to the project with access directly to the project. The select borrow material will be used to construct roadway fills on the project. The material will be hauled to the site using quad axle dump trucks. At the completion of the project the site will return to agricultural use with a portion of the site being constructed for future expansion of buildings. The site consists of sandstone with an existing sandstone vertical face. Activity at the site will be from 5/01/14 to 10/31/14.

6. Reclamation Plan: A reclamation plan conforming to s. NR 135.19, Wis. Adm. Code must be submitted with this permit application, including any previous regulatory approvals so long as they meet the reclamation standards of subch. II of NR 135 as allowed under ss. NR 135.21(1)(d) and (e), Wis. Adm. Code.

I hereby certify, as a duly authorized representative or agent, that the operator, H. James and Sons, Inc. (name of operator), will provide, as a condition of the reclamation permit, financial assurance as required by s. NR 135.40, Wis. Adm. Code, upon granting of the reclamation permit and before mining begins.

I also certify that, if applicable, the land owner or lessor has been provided with a copy of the reclamation plan as required by s. NR 135.19(6)(b), Wis. Adm. Code and a signed certification from the landowner indicating their concurrence with the reclamation is attached to this application.

Signature of Applicant or Duly Authorized Agent

Date Signed

Randy Hankel

1-22-14

7. Fees:

Acres currently undisturbed that will be activated January 1, 2014 through December 31, 2014 3

Total fee, (includes DNR fee) (see table below) = \$185.00

I hereby certify that the information contained herein is true and accurate. I also certify that I am entitled to apply for a permit, or that I am the duly authorized representative or agent of an applicant who is entitled to apply for a permit.

Signature of Applicant or Duly Authorized Agent

Date Signed

Randy Hankel

1-22-14

2014 FEE SCHEDULE

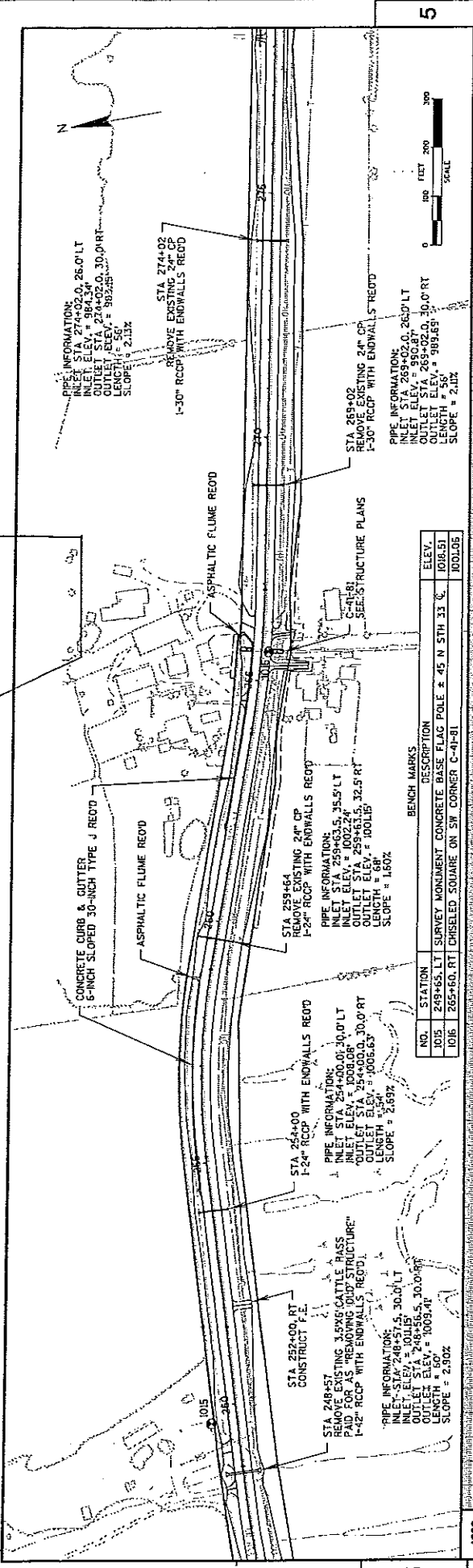
Mine Size, Unreclaimed Acres	2014 Monroe Co. Fee	Wisconsin DNR's Annual Fee	Total Annual Fee
			2014
1 to 5 acres	\$150	\$35	\$185
6 to 10 acres	\$300	\$70	\$370
11 to 15 acres	\$450	\$105	\$555
16 to 25 acres	\$600	\$140	\$740
26 to 50 acres	\$700	\$160	\$860
51 acres or larger	\$750	\$175	\$925

MAKE CHECKS PAYABLE TO: MONROE COUNTY LAND CONSERVATION DEPT.

LEAVE BLANK - FOR RECEIVING AGENCY USE ONLY

Permit No.	Date Received	Date Application Was Complete
Date Reclamation Plan Received: Received By:	Date Financial Assurance Received: Received By:	Amount

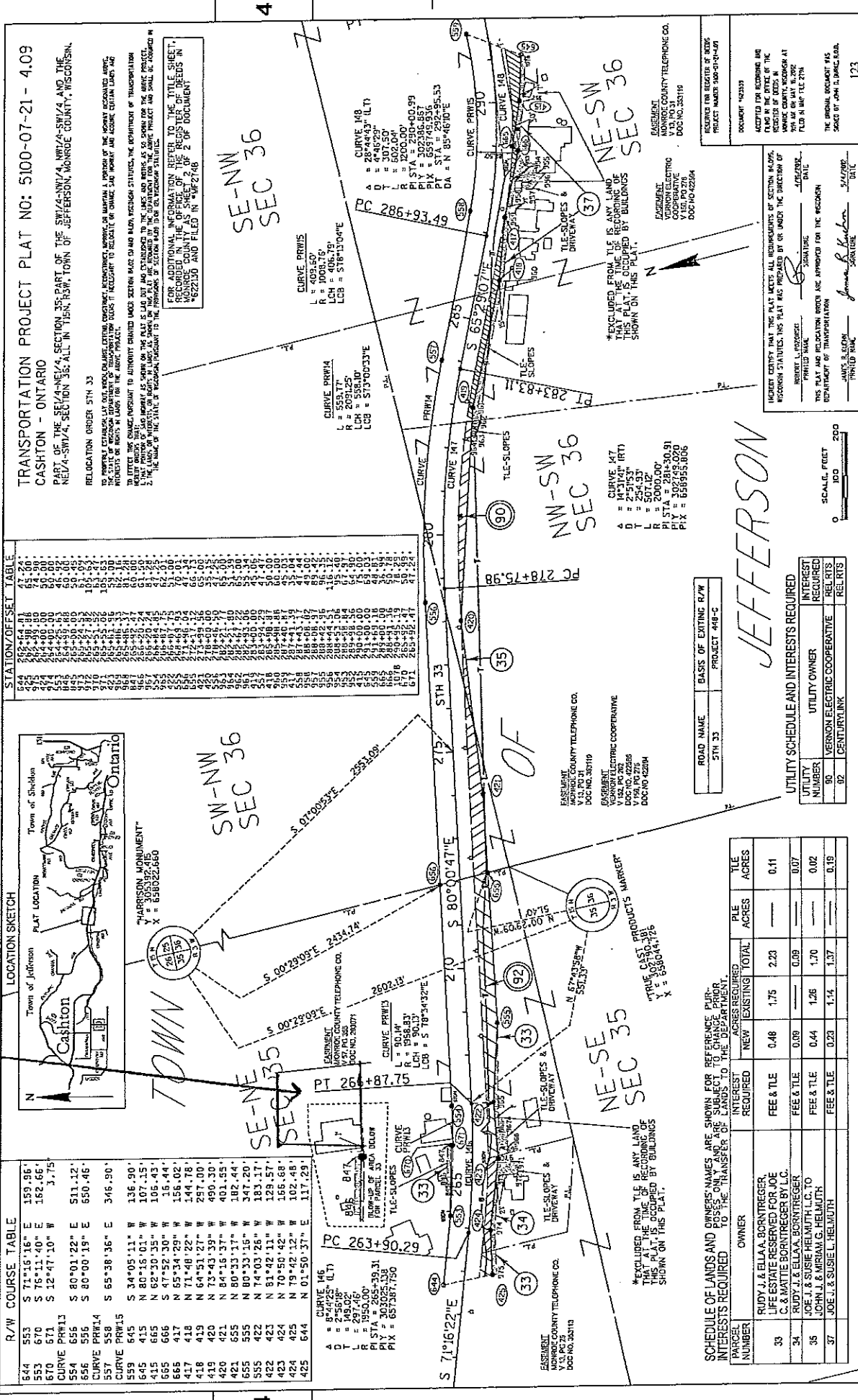
Rudy J Bontreger Site



NO.	STATION	DESCRIPTION	ELEV.
1015	248+65.5	1-24" RCP WITH ENDWALLS REOD	1015.51
1016	249+65.5	1-24" RCP WITH ENDWALLS REOD	1015.51
1017	250+00.0	CONSTRUCT F.E.	1015.51
1018	251+00.0	CONSTRUCT F.E.	1015.51
1019	252+00.0	CONSTRUCT F.E.	1015.51
1020	253+00.0	CONSTRUCT F.E.	1015.51
1021	254+00.0	CONSTRUCT F.E.	1015.51
1022	255+00.0	CONSTRUCT F.E.	1015.51
1023	256+00.0	CONSTRUCT F.E.	1015.51
1024	257+00.0	CONSTRUCT F.E.	1015.51
1025	258+00.0	CONSTRUCT F.E.	1015.51

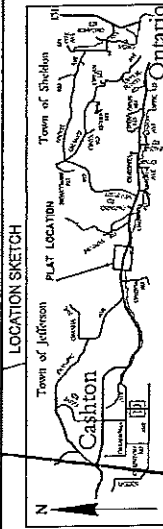
PROJECT NO: 5100-07-71
 COUNTY: MONROE
 HWY: 5TH 33
 SHEET 139
 WISDOT/CADD...-SHEET 44
 PLOT NAME: ...
 PLOT DATE: 12-06-2013 07:59
 PLOT BY: dbrnuf
 SCALE: 1" = 40'

Rudy J Bortregger Site



STATION/OFFSET TABLE

245	252+98.48	252+98.48	252+98.48
246	252+98.48	252+98.48	252+98.48
247	252+98.48	252+98.48	252+98.48
248	252+98.48	252+98.48	252+98.48
249	252+98.48	252+98.48	252+98.48
250	252+98.48	252+98.48	252+98.48
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255	252+98.48	252+98.48	252+98.48
256	252+98.48	252+98.48	252+98.48
257	252+98.48	252+98.48	252+98.48
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297	252+98.48	252+98.48	252+98.48
298	252+98.48	252+98.48	252+98.48
299	252+98.48	252+98.48	252+98.48
300	252+98.48	252+98.48	252+98.48



R/W COURSE TABLE

544	S 71°16'16" E	189.96'
553	S 76°11'40" E	182.66'
570	S 12°47'10" W	3.75'
571	S 80°01'22" E	511.12'
554	S 80°00'15" E	650.46'
555	S 65°38'36" E	346.90'
557	S 34°05'11" W	136.90'
559	N 80°15'01" W	107.15'
645	N 62°30'30" W	106.43'
646	S 47°52'30" W	15.44'
655	N 65°34'29" W	156.02'
665	N 71°48'22" W	144.78'
417	N 64°51'27" W	297.00'
418	N 73°43'39" W	490.35'
420	N 84°15'37" W	401.55'
421	N 80°33'17" W	182.44'
422	N 80°33'16" W	347.20'
555	N 74°03'26" W	183.17'
423	N 81°42'11" W	129.57'
424	N 70°50'42" W	166.68'
424	N 79°42'12" W	102.48'
425	N 01°50'37" E	117.29'

STATION/OFFSET TABLE

245	252+98.48	252+98.48	252+98.48
246	252+98.48	252+98.48	252+98.48
247	252+98.48	252+98.48	252+98.48
248	252+98.48	252+98.48	252+98.48
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300	252+98.48	252+98.48	252+98.48

TRANSPORTATION PROJECT PLAT NO: 5100-07-21 - 4.09
 CASHION - ONTARIO
 RELOCATION ORDER 5TH 33
 FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS IN MONROE COUNTY AS SHEET 2 OF 2 OF DOCUMENT #62230 AND FILED IN #W27148

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS IN MONROE COUNTY AS SHEET 2 OF 2 OF DOCUMENT #62230 AND FILED IN #W27148

EXCLUDED FROM TLE IS ANY LAND THAT IS OCCUPIED BY BUILDINGS SHOWN ON THIS PLAT.

EXCLUDED FROM TLE IS ANY LAND THAT IS OCCUPIED BY BUILDINGS SHOWN ON THIS PLAT.

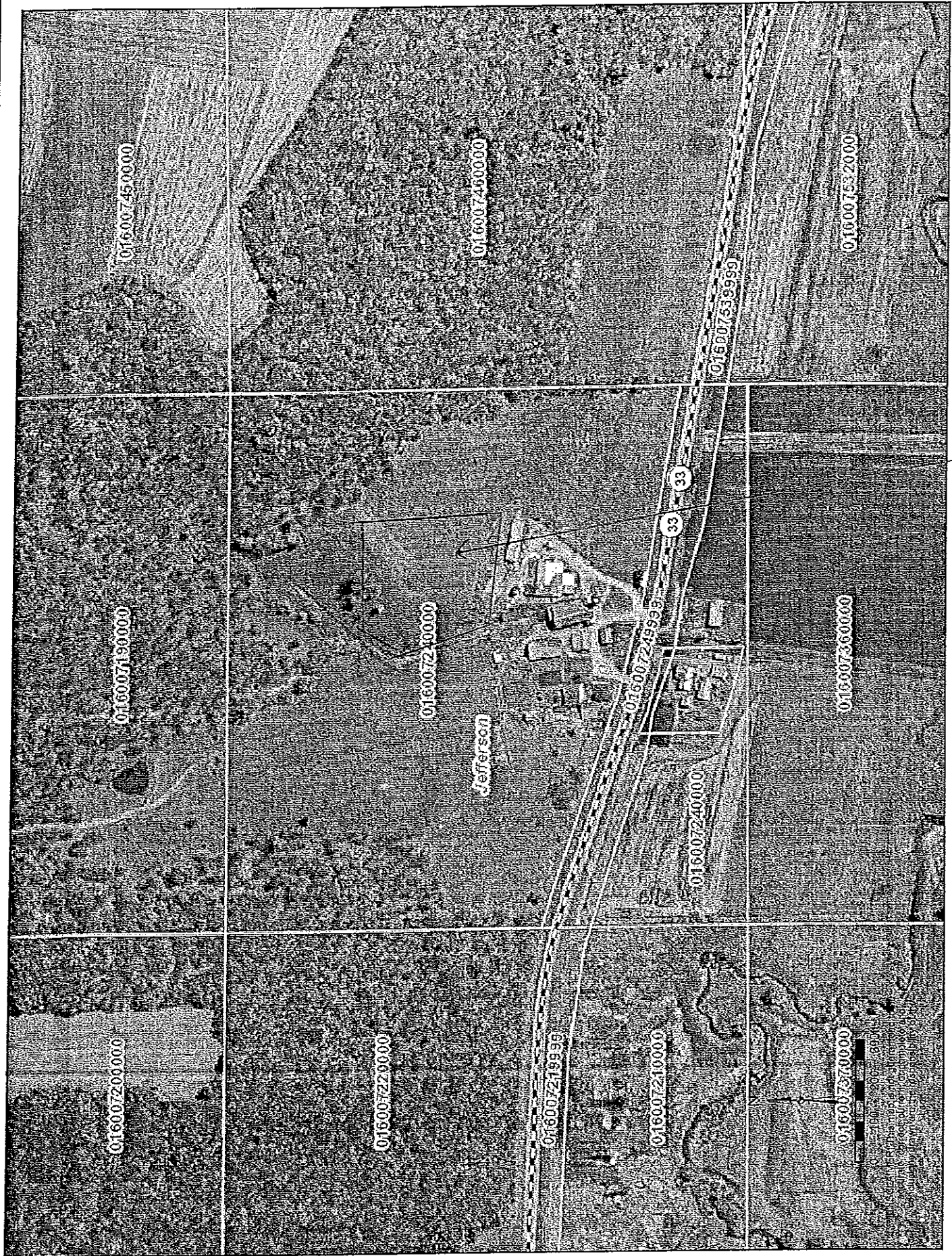
EXCLUDED FROM TLE IS ANY LAND THAT IS OCCUPIED BY BUILDINGS SHOWN ON THIS PLAT.

EXCLUDED FROM TLE IS ANY LAND THAT IS OCCUPIED BY BUILDINGS SHOWN ON THIS PLAT.

UTILITY SCHEDULE AND INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED	REL RTIS
90	VERNON ELECTRIC COOPERATIVE	ACQUISITION	REL RTIS
92	CENTURYLINK	ACQUISITION	REL RTIS

SCALE: FOOT 0 100 200
 ROAD NAME: 5TH 33
 BASIS OF EXISTING R/W: PROJECT 400-C
 PLOT DATE: 19-JUN-2012 14:14
 PLOT BY: dsj
 PLOT NAME: P1:STV804333:080700:CoaVp6:07:08:19-09
 PLOT SCALE: 1:100,000000:1:000000
 4.09



Rudy J Bantreger Site

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016007210000

Jefferson

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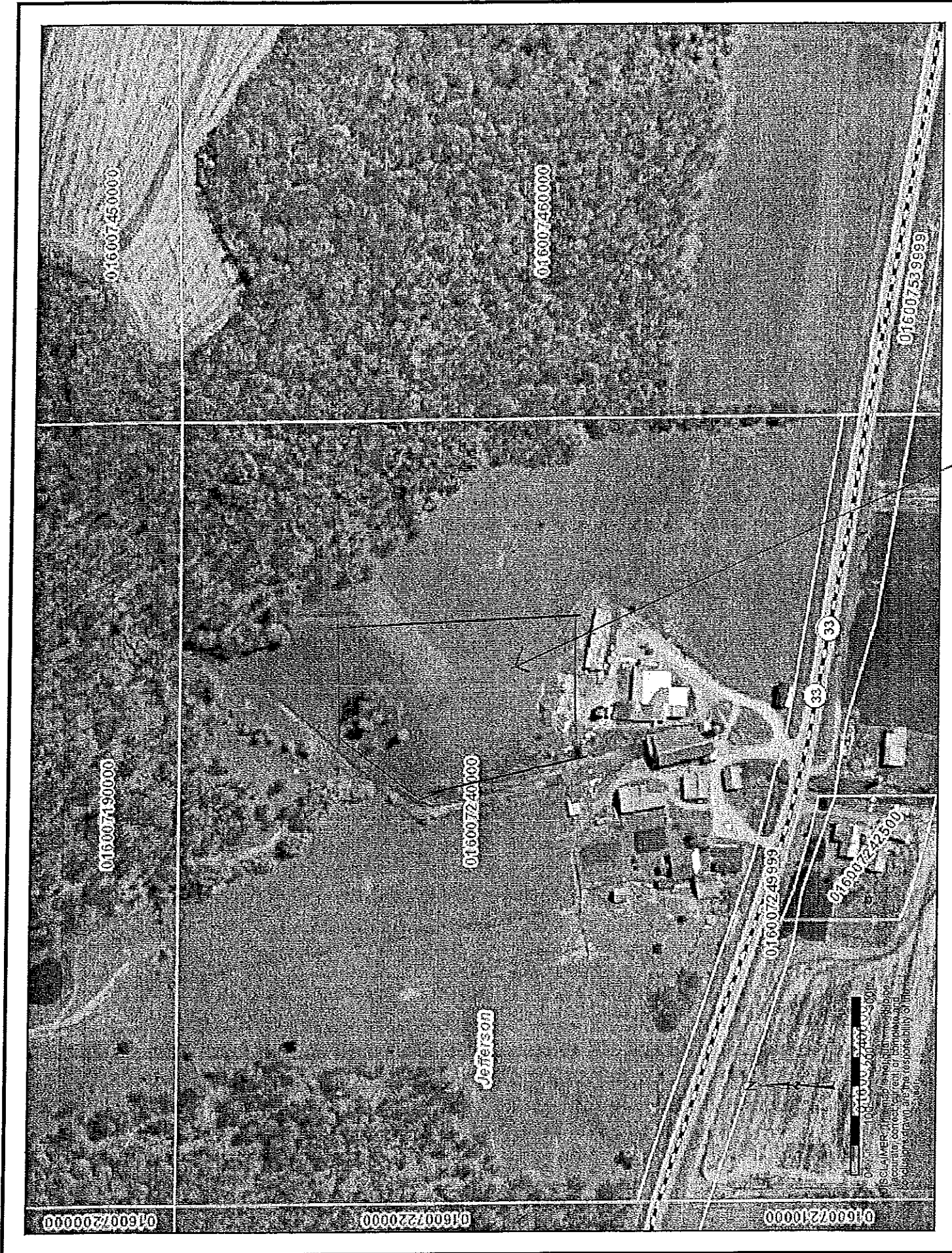
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0 100 200 300 Feet
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SCALE: 1:1000
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R.1 T B - Inman C.D.