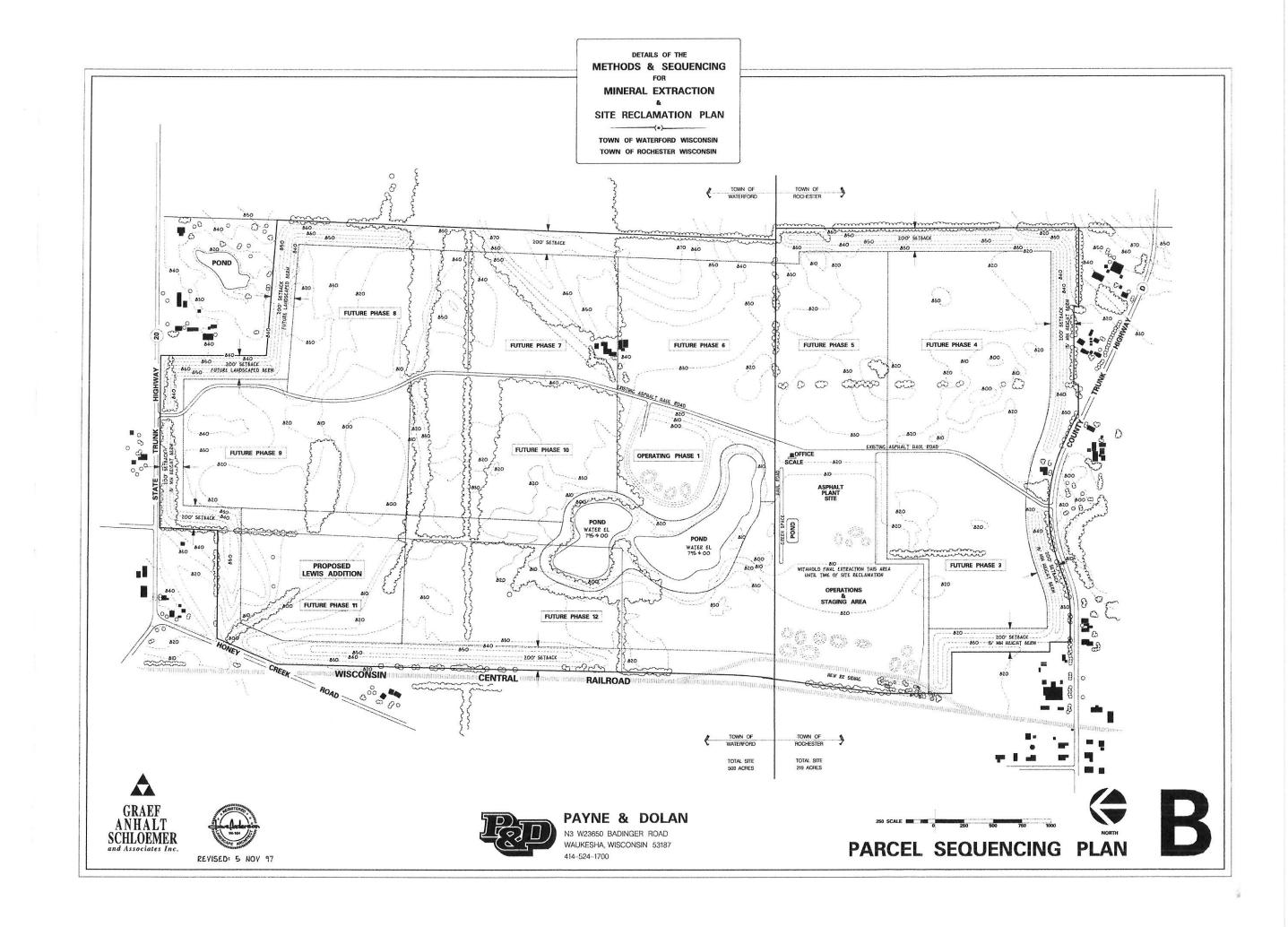
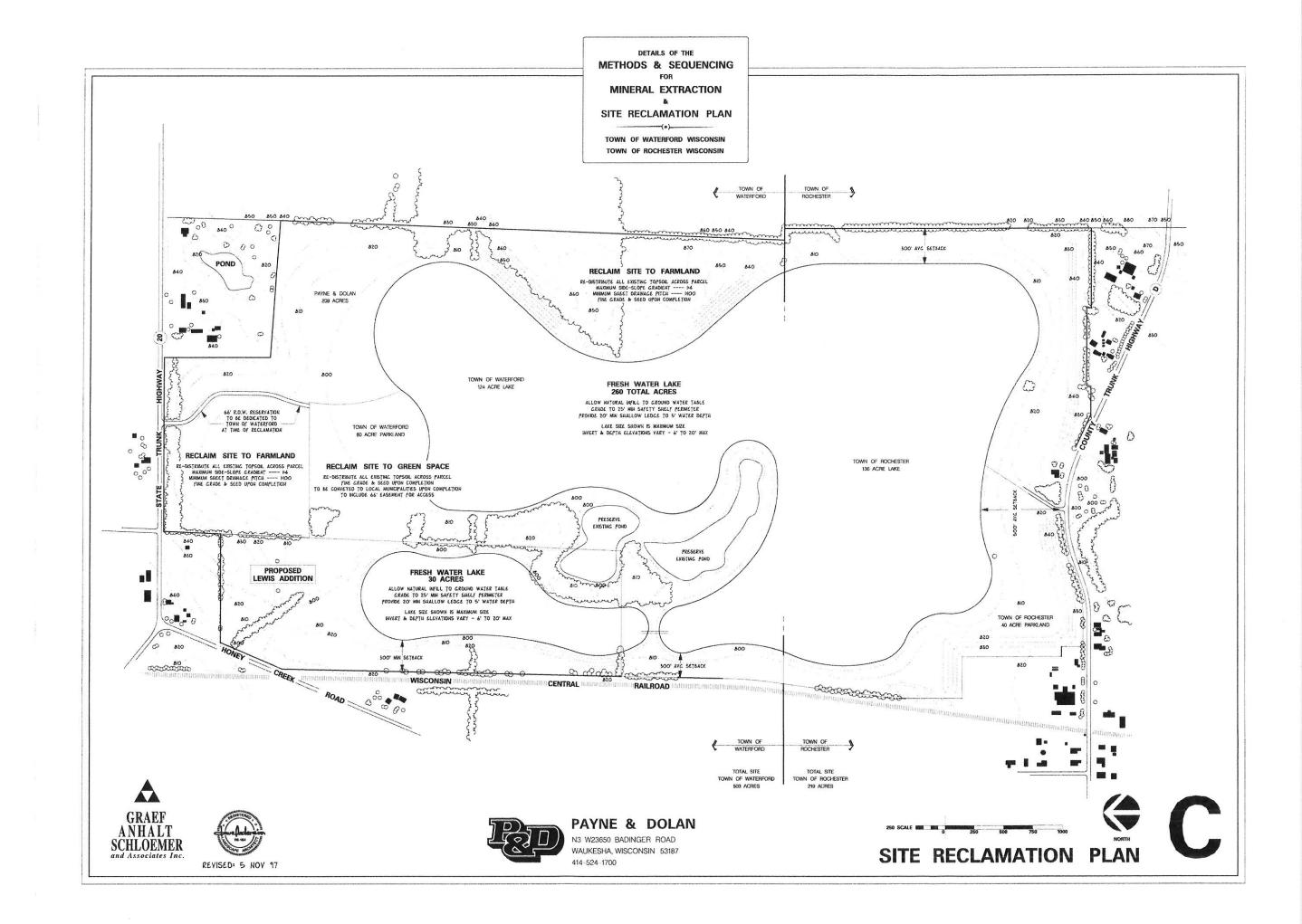
RECLAMATION PLAN SUBMITTAL FOR COMPLIANCE WITH AUTOMATIC RECLAMATION PERMIT RECEIVED PURSUANT TO CH. NR 135.18 AND 135.19 WISCONSIN ADMINISTRATIVE CODE DETAILS OF THE **METHODS & SEQUENCING** MINERAL EXTRACTION SUBMITTED JULY 2002 SITE RECLAMATION PLAN TOWN OF WATERFORD WISCONSIN TOWN OF ROCHESTER WISCONSIN WISCONSIN REGIONAL MAP OF PARCEL PROJECT LOCATION with a resident of the same MINERAL EXTRACTION MINERAL EXTRACTION PROPOSED \\
LEWIS ADDITION **GRAEF** INDEX OF EXHIBITS **PAYNE & DOLAN** ANHALT N3 W23650 BADINGER ROAD A PLAT OF EXISTING SITE PLAT OF EXISTING SITE **SCHLOEMER** WAUKESHA, WISCONSIN 53187 B PARCEL SEQUENCING PLAN REVISED: 5 NOV 97 414-524-1700 C SITE RECLAMATION PLAN





SYCAVATE PLANTING MIT TAKES THE DIAMETER

OF ALLE A CREATER IN DEPTH

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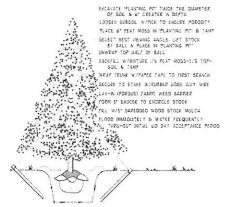
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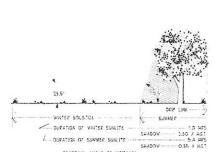
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TREE PLANTING DETAIL



3 EVERGREEN PLANTING DETAIL



CALL BEFORE YOU DIG

STATE LAW REQUIRES YOU TO NOTIFY OWNERS AND OPERATORS OF UNDERGROUNI FACILITIES AT LEAST 3 FULL WORKING DAYS BEFORE YOU DIG

1-800-242-8511

GEOGRAPHICAL LOCATION OF SITE: 43.50 MORTH LATITU
BB 60' WEST LONGITU
DURATION OF ANNUAL GROWING SEASON
AVERAGE WARMEST DAY
AVERAGE COLDEST DAY
ANNUAL PRECIPITATION
AVERAGE SUNSHINE PER DAY
OVERALL AVERAGE TEMPERATURE 45

CLIMATOLOGICAL DATA OF SITE

3	338. 7	TREE	L SURUE	SURUS	37/62		Action (co.) Actor
32_ 3C7HS	DEMAMENTA	EVERGREEN	DENAMENT!	SVERGEES.	GROUND CO	FLOWERS	A THE RESIDENCE AND ADDRESS OF THE PARTY OF

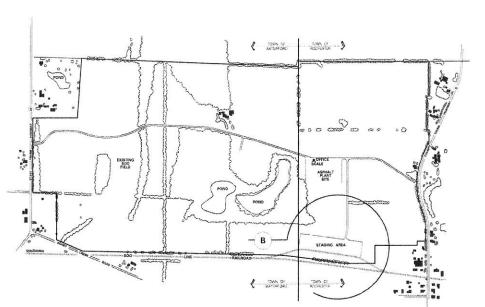
PLANT MATERIAL SCHEDULE

	0.000000			
QUANTITY	STATIC USE	SCIENTIFIC NAME COMMON NAME	MIN SIZE	SYMBOL
8		GLEDITSIA TRIACANTHOS INERMAS (PATENT 1875) SKYLWE LOCUST	2" CAL	GTS
6	•	FRAXINGS PENNSYLVANICA LANCEOLATA GREEN ASH	2" CAL	454
(2)	•	ACER RUBRUM 'AUTUMN SCAZE' AUTUMN SCAZE RED MAPLE	2º CAL	039
5	•	MALUS WYMAN CRAS	2º CAL	DWC
7	•	PINUS NIGRA AUSTRIAN PINE	5 HAT	405
10	•	PICEA PUCIENS (GLACCA) MOECHEM SLUE SPROCE	5' pat	552

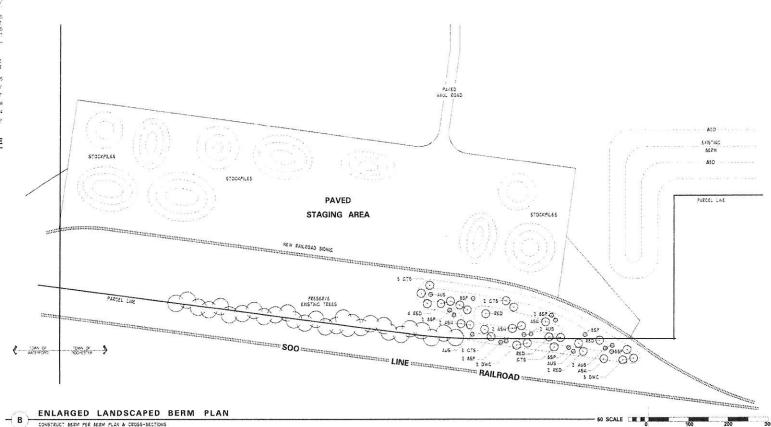
DETAILS OF THE
METHODS & SEQUENCING
FOR
MINERAL EXTRACTION

SITE RECLAMATION PLAN

TOWN OF WATERFORD WISCONSIN TOWN OF ROCHESTER WISCONSIN



- A SITE PLAN
REFER TO SHEET & FOR SITE PLAN



GRAEF ANHALT SCHLOEMER





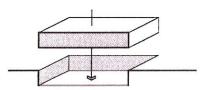
PAYNE & DOLAN

N3 W23650 BADINGER ROAD WAUKESHA, WISCONSIN 53187 414-524-1700

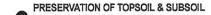


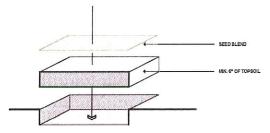
5 JUN 97

DETA



-RETAIN EXISTING TOPSOIL & SUBSOIL FOR DISTRIBUTION DURING RECLAMATION -MINIMUM G* OF SUBSOIL AND G* OF TOPSOIL ON RECLAIMED SLOPERS -STORE TOPSOIL & SUBSOIL IN TEMPORARY BERMS DURING MINERAL EXTRACTION-DISTRING TOPSOIL & SUBSOIL SHALL BE SPREAD BY GRADING CONTRACTOR -PROJECT MANAGES SHALL APPROVE TRIJSHED GRADE & UNIFORM SLOPES

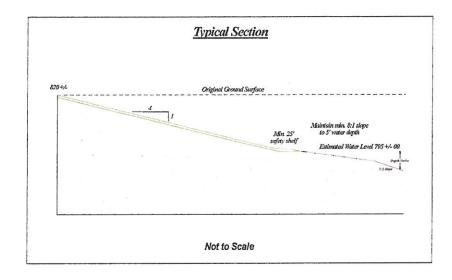




-ENOUGH TOPSOIL WILL BE STOCKPILED ON SITE FOR RECLAMATION -MINIMUM OF 6' OF TOPSOIL ON REGLAIMED SLOPES -PROJECT MANAGER SHALL APPROVE FINISHED GRADE & UNIFORM SLOPES

PRIOR TO THE SOWING OF SEED
-ALL SEEDING WILL BE DONE IN ACCORDANCE WITH THE STATE OF WISCONSIN DOT STANDARD SPECIFICATIONS FOR SEEDING AND MULCHING, SECTIONS 630 AND 627
-SEEDING TO BE COMPLETED WITHIN 30 DAYS OF FINAL TOPSOIL GRADING

SEED OPERATIONS



DETAILS

I. PURPOSE AND SCOPE

The purpose of this reclamation plan is to describe the activities to reclaim the site to a condition whereby future land use is feasible after the completion of mineral extraction activities. Implementation of this reclamation plan shall be completed within one (1) year after the cessation of site operations.

The proposed land use for the reclaimed site upon reclamation is returning the parcel to agricultural/farmland operations and green space. The ultimate land development and end use (beyond grading, revegetation and other requirements detailed in this plan) are subject to future land

No end use development proposals (besides those listed above) shall be implemented prior to the submission of detailed and-use development plans pursuant to then applicable town and county ordinance requirements, and the granting of detailed zoning and land use approvals in accordance with such applicable ordinance requirements

II. PROPOSED EARTHWORK AND RECLAMATION

The topsoil and other overburden materials covering the nonmetallic mineral deposit are removed and stockpiled separately for future reclamation. After the nonmetallic minerals are removed, the topsoil and other overburden materials will be placed over the area where the minerals were excavated, graded to conform with the surrounding land and seeded. The existing topsoil and overburden are re-distributed across the parcel and fine graded to present a uniform appearance. Reclaimed slopes will be seeded upon completion of the fine grading.

The reclamation plan has been designed to maintain pre-mine drainage patterns to the greatest extent possible and to improve upon existing conditions where possible. Payne & Dolan will perform the necessary grading to achieve the final topography and drainage patterns as outlined in the attached reclamation plan view.

III. REVEGETATION PLAN

After the overburden materials have been placed over reclaimed slopes, the stockpiled topsoil will be spread over the reclaimed slopes, fine graded, seeded and mulched. Seeding activities will be carried out in accordance with accepted seeding specifications provided in the reclamation plan.

Prepared soil will be seeded at any time during the growing season when soil conditions are suitable but no longer than 30 days after the final grading of reclaimed slopes. Seeding activities should not be carried out immediately following rain, when the ground is too dry, or during windy

All seeding and mulching will be done in accordance with the State of Wisconsin Department of Transportation Standard Specifications for Seeding and Mulching, Sections 630 and 627.

IV. EROSION CONTROL AND POST OPERATIONAL MAINTENANCE

Erosion control measures will be implemented as necessary to minimize off-site erosion until such time as permanent placement and shaping of overbruden and topsoil and seeding is possible.

Best Management Practices (BMPs) such as check dams, straw bales, silt fence, surface water diversions, energy dissapators, mulch or artificial surface cover, cover crop of vegetation, buffer areas, or other appropriate mesures will be taken as necessary. All erosion and sediment control practices will be periodically checked for stability and operation on a regular basis.

Follow-up inspections of all reclaimed or otherwise stabilized surfaces along with all erosion and sediment control practices will be conducted on a monthly basis to ensure their stability until such time as the vegetation required to support the post-mining land use has been successfully established and the financial assurance has been released.

Seeded areas will be reseeded and fertilized as necessary to establish and maintain a dense self-sustaining vegetative cover over reclaimed slopes. Erosion and sediment control measures will be repaired or replaced as necessary. Other preventative measures not mentioned in this reclamation plan will be taken as necessary to minimize off-site erosion.

V. COSTS OF RECLAMATION

Reclamation is an on-going process during the nonmetallic mineral extraction process, with a majority of the reclamation being completed during active mineral extraction. Final reclamation will consist of reclaiming the processing and stockpiling area upon completion of the mineral extraction activities.

The estimated reclamation costs shall approximate the actual costs of reclamation including but not limited to grading and shaping overburden over previously mined areas as shown on the reclamation plan, distribution and placement of topsoil, necessary erosion control measures, seeding, mulching, insections and maintenance.

The estimated reclamation costs for this site are \$93,750.

VI. ASSESSING SUCCESSFUL RECLAMATION

Payne & Dolan will assess successful reclamation with the approved reclamation plan using the

- 1. The available overburden and topsoil have been graded to the contours as shown on the reclamation plan, and have been fine graded, seeded and mulched.
- 2. Adequate vegetation has been established to stabilize reclaimed surfaces Adequate revegetation will be determined by utilizing the guidelines outlined in the Wisconsin Technical Note-AGRONOMY-W-1, Guidelines for Herbaceous Stand Evaluation, dated May 15, 1991 or by percent cover will be determined as total cover (expressed as a percentage) as measured by the canopy (vertical projection of plant parts) and will be recorded by species. Revecetation will be measured over the entire revegetated site at no less than 10 randomly placed square foot quadrants for each 10 acre area.

VII. CERTIFICATION OF RECLAMATION PLAN

I hereby certify, as a duly authorized representative or agent, that the reclamation at this nonmetallic mining site will be carried out in accordance with the approved reclamation plan submitted by Payne & Dolan, Inc. I also certify that the information contained herein is true and accurate and complies with the local and statewide nonmetallic mining reclamation standards established in NR 135, Wisconsin Administrative Code.

Clint G. Weninger, PG Payne & Dolan, Inc.

2/12/02

PAYNE AND DOLAN, INC.
N3 W23650 Badinger Road
P.O. Box 781
Weukesha, W 53187
Phone: 262,524,1700

AP SHOOT

eek Aggregate Site Rochester & Waterford, Racine County, Wisconsin Nonmetallic Mining Reclamation