NONMETALLIC MINING CONDITIONAL USE PERMIT APPLICATION

QUEENLAND VISTA

MILESTONE MATERIALS

A DIVISION OF MATHY CONSTRUCTION COMPANY

QUEENLAND DRIVE, VILLAGE OF KRONENWETTER

MARATHON COUNTY, WISCONSIN

SUBMITTED TO: VILLAGE OF KRONENWETTER
OCTOBER 2024





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PROJECT DESCRIPTION
Nonmetallic Mining Conditional Use Permit Application Village of Kronenwetter

Conditional Use Permit

Queenland Vista — October 2024

Introduction & Purpose

This application and associated plans provide details of proposed nonmetallic mining activities on and within tax parcel IDs 145-2707-101-0967 & 145-2707-101-0965. These plans have been developed in an effort to fulfill requirements within the following Village of Kronenwetter Code of Ordinances.

- Chapter 520, Article IV, Land Use Descriptions and Standards, Section 26 Industrial Land Use Types, Subsection D. Nonmetallic Mineral Extraction
- Chapter 520, Article XV, Procedures and Administration, Section 121 Conditional Use Permits

Milestone Materials has applied for a conditional use permit (CUP) for a nonmetallic mining operation on the property. Additional supporting information may be referenced or reviewed within the conditional use permit application.

SECTION 1.0, DESCRIPTION OF THE PROPERTY

1.1 Current Conditions

The subject property has been for sale for quite some time and is difficult to develop due to the vast majority of it being low lying and within the mapped floodway. The property is currently grassland and zoned General Industrial (M2). The site is bordered on the north by Kowalski Road and on the east by Interstate 39. It is otherwise surrounded by a mixture of residential, commercial, and industrial properties (Figure 1 & Figure 2).

There is one water body adjacent to the south of the property. This is a stormwater control and flood relief area owned by the Village of Kronenwetter. Presently drainage from the north flows to this waterbody and it serves as an infiltration basin (Figure 2). There are no waterbodies or wetlands on the subject property (Figure 3).

Bull Junior Creek is located to the east of Interstate 39. The floodplain for the creek extends onto the subject property (Figure 4). There are no existing structures or wells on the property.

1.2 Ownership

A purchase agreement exists between the property owners, RMCM Partnership LLC, WTTC Land Management LLC, and the applicant, Milestone Materials. The execution of this purchase agreement is contingent upon the permitting of the proposed operation. If the required permitting is obtained the agreement will be executed and the property sold to WTTC Land Management LLC and then Milestone Materials would become the tenant and operator of the property.

1.3 Inventory of the aggregate resource and location on site

The entire property, including both parcels on each side of Queenland Drive, holds economical aggregate resources. The two parcels are a combined 31.46 acres in size, and

the proposed use will utilize approximately all areas aside from a 50-foot setback from the property boundaries for the extraction of sand and gravel aggregates. This area is delineated on the Operations Plan (see Drawings). Geologic exploration has shown that as much as one million cubic yards of high-quality sand and gravel aggregate can be mined at the site. The time needed to complete this mining is impossible to predict as it is based solely on demand for the aggregates. However, based on estimates we would expect this reserve to supply construction aggregates for use in the area for approximately 20 years.

1.4 Aggregate Resource

Through geological exploration, the property has been proven to hold substantial aggregate resources. Sand & gravel resources have been produced in this area for many decades. Aggregate resources are vital for the immediate area as well as regionally. A local and reliable source of aggregate is necessary for future infrastructure and public and private community development. The products produced at this site would be used to make hot mix asphalt, concrete, landscaping materials, and other aggregate products important to the community. The proximity of this high-quality aggregate resource to its use makes it an economically viable resource for the community and its residents.

SECTION 2.0, MINING PLAN & PROPOSED OPERATIONS

2.1 Location of mining area, depth of mining activities

Both the mining area and the depth, and additional other project specifics, are shown on the attached Operations Plan (see Drawings).

2.2 Access

The access to the operation will consist of two new accesses off of Queenland Drive. The access to the eastern parcel will be constructed first and the second access to the western parcel will not be constructed until mining operations are nearing completion on the east side of Queenland Drive.

These access points will be hard surfaced within 50 feet of the Queenland Drive right-of-way. These areas will be well kept and clean to reduce any tracking onto Queenland Drive. These accesses will be swept as needed.

2.3 Phasing, staging, sequencing of the mining operation

The conceptual progression of the mining operation is shown on the Operations Plan (Drawings). The mining will begin in the northeast corner of the site and progress to the south and west and then to the parcel on the west side of Queenland Drive. Mining will be completed using a combination of typical dry excavation and mining below the water table using a hydraulic dredge (see Attachment 1). All extraction activities and related operations will be maintained within the area labeled as MINING EXTENT on the attached Operations Plan.

The hydraulic dredging outfall will be in the stockpiling & loading area. The water pumped there with the aggregate will then flow back into the water body. Aggregates will typically then be stockpiled and then hauled to the American Asphalt Facility for further processing. However, at times, the aggregates may be hauled by end-loaders a short distance to an onsite crushing and screening plant where the sand and gravel is crushed and sized into various products. The crushed and screened materials would then be stockpiled on site. End-loaders are used to load the product into trucks from the stockpiles. The trucks are then weighed either before or after the sand and gravel is transported to its final destination. The trucks will primarily be hauling the sand and gravel directly south less than ½ mile from the mining operation to one customer, American Asphalt.

Prior to the mining of the sand & gravel, the existing soils and overburden will be excavated and used in the construction of perimeter berms and for reclamation activities. As mining progresses, the berm construction will continue along the northern and eastern edges of the property, eventually encompassing the entire perimeter of the operations areas. These earthen berms will be sized as needed to ensure the view of the operation from neighboring areas is minimized. These berms also greatly reduce equipment noise from the operations area, contain and direct storm water runoff, and act as a storage area for overburden and/or topsoil.

Berms will be constructed of topsoil and subsoil removed from future mining areas and will be seeded shortly after construction. The construction of these berms will be done over time. When conditions allow, the topsoil and subsoil stripped and removed from future mining areas will be placed directly into active reclamation areas. This procedure will reduce soil handling and help to preserve the soil viability for final reclamation and vegetation.

2.4 Floodplain Management

Nearly the entire parcel east of Queenland Drive lies within the FEMA Floodway (Figure 4). In order to ensure that there are no impedances of flood waters onto the property there will be gaps built into the planned berms on site. The approximate location of these gaps is shown in the attached Operations Plan. The floodwater elevation established by FEMA at the site is 1173.1 feet. The elevations of these gaps in the berms will be constructed to ensure floodwaters can freely enter the operations area on site.

2.5 Safety measures such as fencing and gates

There will be multiple layers of security in place to reduce the potential for trespassing and allow for safe operations at the site. The access points for the operations areas will have locking gates. A chainlink security fence will be installed as shown on the Operations Plan. This fence will also utilize slats to visually screen the operations from view. In addition, perimeter berms will also screen the operations from view. Appropriate signage will be installed on the outside of the fence, and near the site access points, to discourage trespassing on to the property.

Also incorporated into the Operations Plan are areas of water access. Aggregates will be left in place in these areas in order to provide spots for safe ingress and egress from the

water body. The slopes in these areas will be approximately 10:1 for approximately 20-30 feet both above and below the shoreline in these areas. In addition, all other areas along the shoreline will have slopes no greater than 3:1.

2.6 Vehicle parking, access roads and access to public roads, and local routes to truck routes

There are ample parking areas on the property. Typically, 2-4 employee vehicles will be parked at the site during times the site is fully operating. Traffic from the operation would consist of the coming and going of aggregate processing operations employees and maintenance personnel and aggregate hauling.

The haul traffic from the operation would access the site using Queenland Drive. The vast majority of haul traffic will travel south on Queenland Drive and then cross Cedar Road directly accessing the American Asphalt Facility.

2.7 Schedule of activities including daily hours of operation, days of the week, months of operation

Activity at the site will occur year around with the most activity during the construction season (March to November). Reduced operations will occur December through February, as supply and demand conditions warrant.

The proposed daily operating hours are limited to 6:00 a.m. to 8:00 p.m., Monday to Saturday, for the operation. These operating hours mirror those of American Asphalt Facility. There shall be no operation on legal holidays, including New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Employees and agents may be present on premises outside of operational hours for security and other non-production tasks, like maintenance.

In the event extended hours should be required due to unique project constraints or emergencies, such as flooding, these hours may need to be extended. This would be subject to the consent of the Village of Kronenwetter. If an emergency occurs, flooding for example, and aggregate was needed, the Village of Kronenwetter Administrator, or designated contact person, would be contacted prior to working outside of the established operating hours.

SECTION 3.0, ENVIRONMENTAL CONTROLS & PERMITS

3.1 The required permits & related approvals for the proposed operation are as follows:

UNIT OF GOVERNMENT	TYPE OF APPLICATION	STATUS
Village of Kronenwetter	Conditional Use Permit	Applied For
Wisconsin DNR	General WPDES Storm Water Permit	To Be Applied For
Wisconsin Department of Commerce	Tank Registration	To Be Applied For
Wisconsin DNR	Air Emissions Permit	To Be Applied For

3.2 Erosion and surface water runoff control measures

All stormwater will be directed into the mining area and allowed to flow to the water body. All of the stormwater on the mining site will infiltrate to groundwater and will not discharge.

The site, and its stormwater, will be included within the Wisconsin Pollutant Discharge Elimination System (WPDES) general permit for Mineral (Nonmetallic) Mining and/or processing permit issued by the Wisconsin Department of Natural Resources. The permit conditions require Best Management Practices for managing runoff. A stormwater pollution prevention plan is maintained in accordance with the permit. This plan outlines the actions completed on site to ensure proper erosion control and that any storm water discharges, should they exist, are managed appropriately. In addition, the WPDES permit requires that the site is inspected regularly to ensure that there are not any erosion problems and that all best management practices are functioning properly.

Currently there is a swale along the northern and eastern edges of the eastern parcel that conveys stormwater from Kowalski Road and Interstate 39 right-of-way to the east and south to the Village of Kronenwetter infiltration basin. This flow will be maintained around our operations area (see Drawings).

An Erosion Control Plan is attached. Due to the nature of the proposed use, only standard erosion control details have been provided. One caveat to this scenario, which is noted on the Erosion Control Plan, is the back side of the screening berms. As the berms are constructed we will install silt fencing at the base of these areas to ensure any stormwater flowing off the back side of these berms is treated. In addition, we are required to seed any exposed soils expeditiously.

3.3 Dust and noise generated and control measures

Dust

The operations that generate dust are controlled, on a large scale, by earthen berms around the operation. The nature of the primary extraction operations, hydraulic dredging, is an entirely water-driven process and is dust free. During the aggregate processing, some aggregate dust is generated by the crushing equipment, which is controlled by water spray bars and shrouding of dust generating transfer points. In addition, fugitive dust from crushing operations is regulated via an air quality permit to ensure ambient air concentrations are not affected. Fugitive dust is also generated on roads and traffic areas around the processing plant and stockpile areas which is controlled by water truck spraying and calcium chloride treatment if necessary.

Noise

Site activities that generate noise will fully comply with all applicable local regulations related to noise control. Company-owned equipment and trucks on site will not utilize jake braking and will also have effective mufflers to reduce noise. The construction of berms

and the nature of the operations being completed below grade greatly reduce noise impacts.

SECTION 4.0, RECLAMATION PLAN

4.1 Reclamation Plan

Attached are (3) drawings that were compiled in an effort to illustrate the possibilities for reclamation of the site following mining. These drawings are as follows:

a. Park

A potential end use of the property could be a public park. Trail systems connected to current infrastructure that allow for walking or biking around the large ponds are illustrated on the plan. A small parking area and some areas of planting of prairie grassland that would include native plants and wildflowers could be of value to the community.

Also of note on the plan are water access areas. While it is shown on the Operations Plan that slopes no steeper than 3:1 will be created above the water table we are proposing to leave some aggregates unmined in spots to provide for water access areas. These three areas will have greatly reduced slopes of approximately 10:1 for a distance of approximately 40 feet from the shore and also approximately 20 feet offshore to provide areas that allow for safe ingress and egress from the waterbodies.

b. <u>Development</u>

Residential development of the property following mining is also a possibility. In order for development to be economically feasible some large areas for buildings and related infrastructure would be needed. Some hypothetical areas are shown on this drawing that would provide a large enough area for construction of medium to high density residential development. Preservation of these areas would greatly reduce the volume of aggregates that could be mined from the property but the future real estate climate, on the scale of many years to decades, may warrant consideration of a future use that combines the resultant water bodies and residential development.

c. Passive Recreation

Lastly, a plan for the end use of the site for passive recreation is provided. This plan includes the same resultant waterbodies and grades as the Park plan but does not include prairie grassland seeding or the construction of trails and parking areas.

This plan will be provided within our application for a Reclamation Permit to Marathon County should we obtain a conditional use permit for our mining operation. This plan, and its accompanying information, will be prepared in accordance with the Wisconsin Administrative Code and the county nonmetallic mining ordinance.

4.2 Description of topsoil stripping, stabilization and conservation methods that will be used during reclamation

Reclamation occurs progressively and concurrently with the development and progression of mining activity through the various areas of the operation. Efforts will be directed toward stabilizing internal slopes through grading and landscaping and creating a more formalized appearance through additional grading and landscaping.

Part of the soil fill will come from the temporary berms that were constructed during mining process. The rest will come from direct stripping of overburden as new areas of the mine are developed. Slopes will be blended into surrounding topography and all areas will be graded to properly drain. Upon final placement and grading of subsoil, topsoil will be evenly placed on the backfilled areas, graded to properly drain and seeded. This procedure will be followed until the reclamation is completed.

All topsoil removed from the mined areas will be used for final cover, grading, and seeding. As overburden is removed from new areas of the operation, the topsoil will be separated and immediately placed on areas recently sloped and graded. If the topsoil is not immediately used, topsoil stockpiles will be sloped and seeded.

4.3 Estimated cost of reclamation for each phase of the project, and bond if required

Financial assurance for reclamation will be in the form of a performance bond issued by an independent surety in an amount to cover the acres disturbed annually. The amount of this bond will be determined by the Marathon County Engineer.

4.4 Revegetation plan

All sloped areas at this site will be revegetated upon completion of mining activities. Seedbed preparation will consist of using a disc and rake. The topsoil and subsoil will be seeded at a rate 130# / acre immediately following interim or permanent reclamation. The seed mix will be a #20 from the 2024 Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction manual which consists of 6% Kentucky Bluegrass, 15% Red Fescue, 24% Hard Fescue, 40% Tall Fescue, and 15% Perennial Ryegrass. Fertilizer will be applied at 300# / acre and mulching will be applied at 2 ton / acre if needed. The interim and permanently reclaimed areas will be seeded with temporary seeding. Oats will be used in spring and summer, and winter wheat or rye will be used in fall plantings after September 1st. The soil will be fertilized as indicated by soil tests, using commercial fertilizer and/or other amendments.

4.5 Schedule of reclamation activities

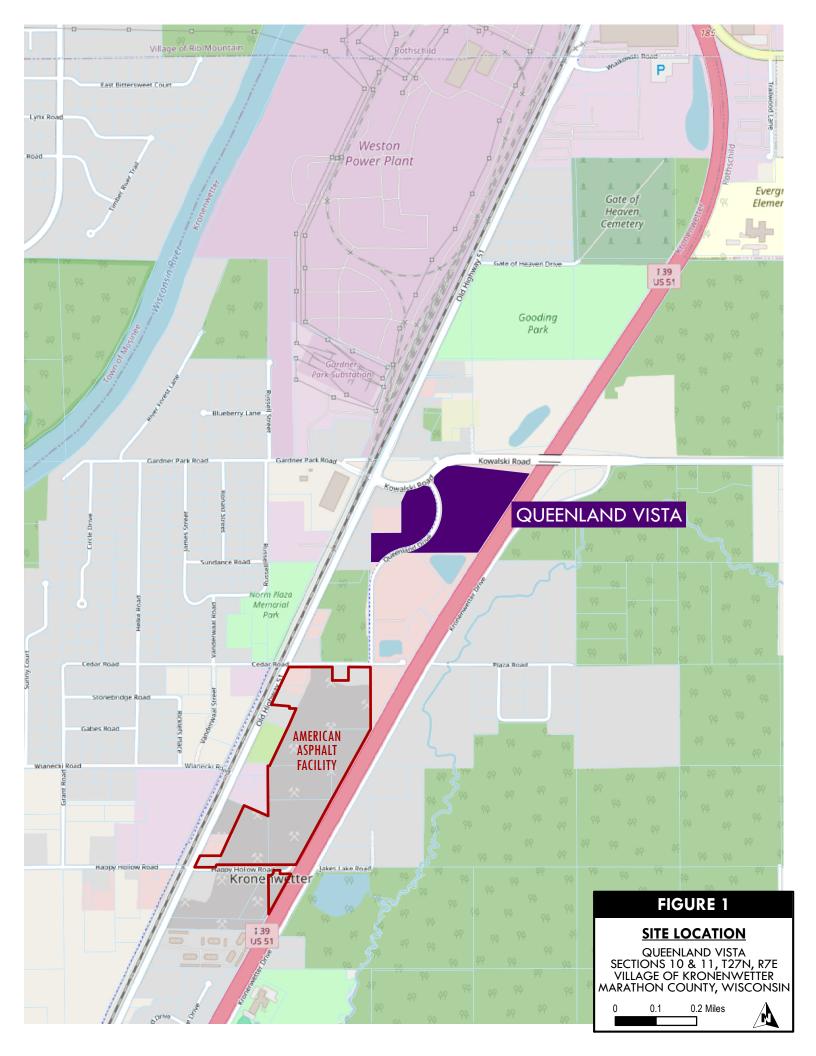
Reclamation is completed concurrently with mining. Reclamation begins as aggregate reserves are depleted and formerly excavated areas are no longer necessary for stockpiling and equipment setup. Reclamation activities during on-going mining operations will be completed in accordance with federal, state, and local regulations.

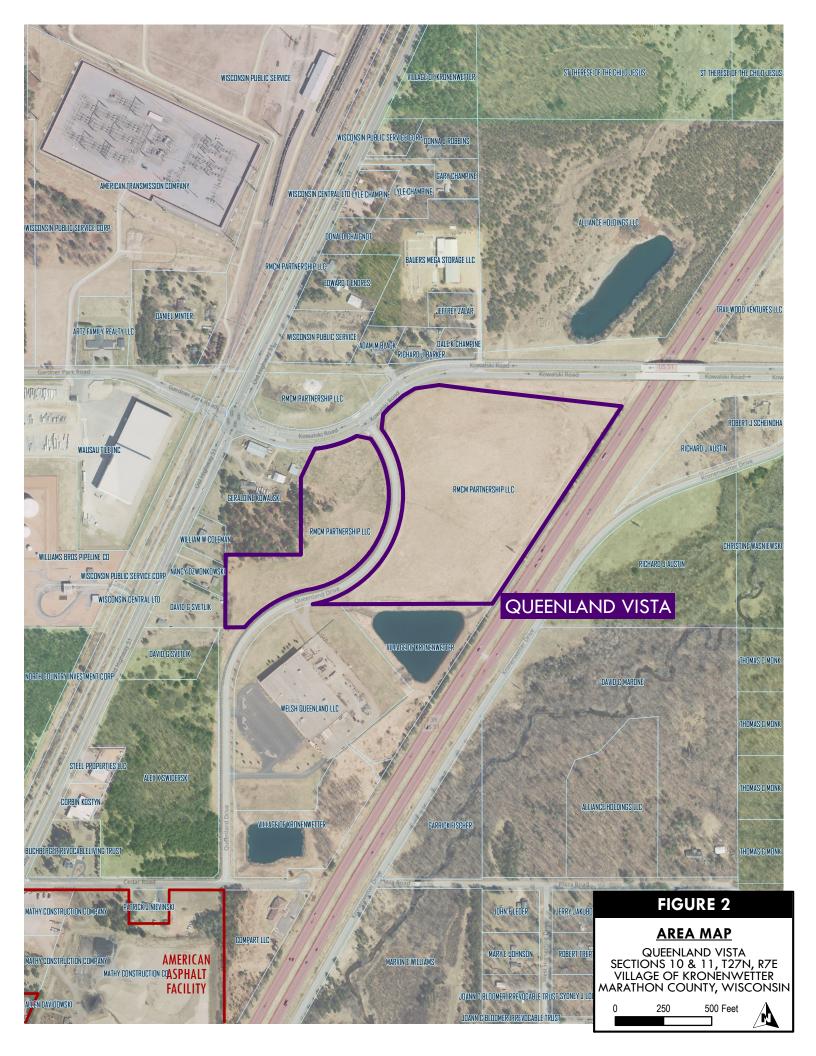
4.6 Post mining management

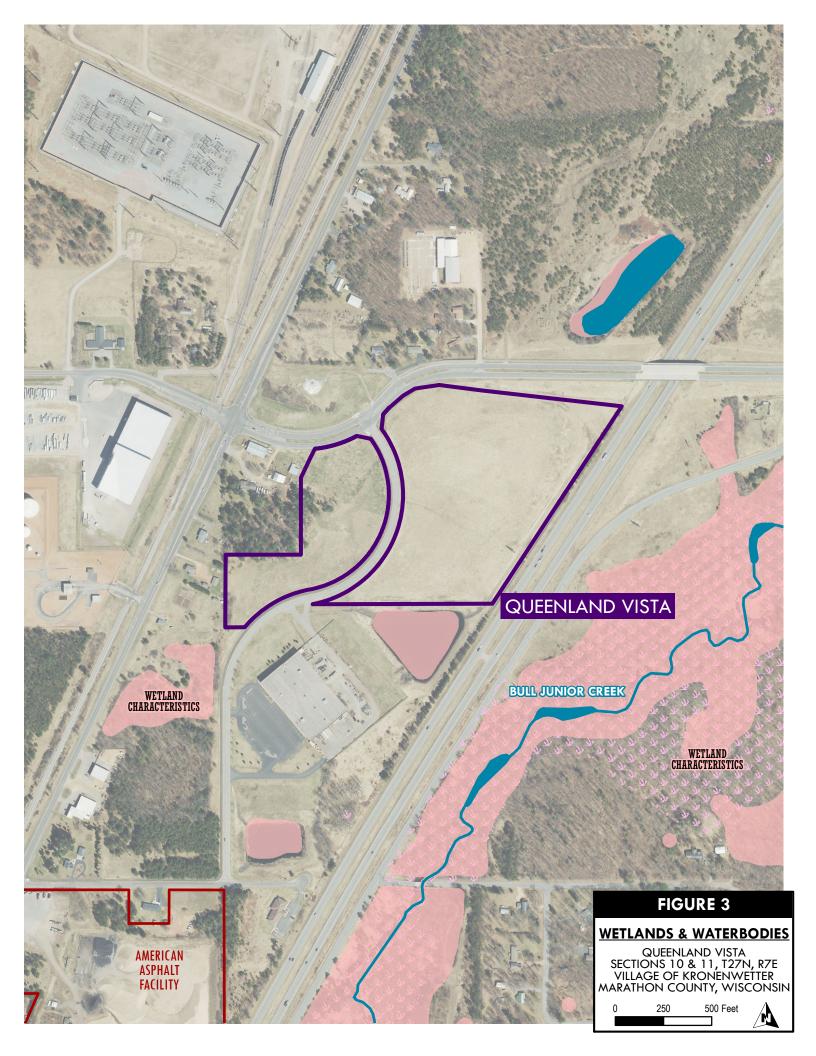
Following completion of all reclamation activities the management of the property will be limited. Its management will depend upon the future use and ownership. Due to the nature of the mining operation the future use will incorporate a water body and will be generally flat. The banks along the water body will be safely sloped and will include a safe, gradual slope out into the water body as well.

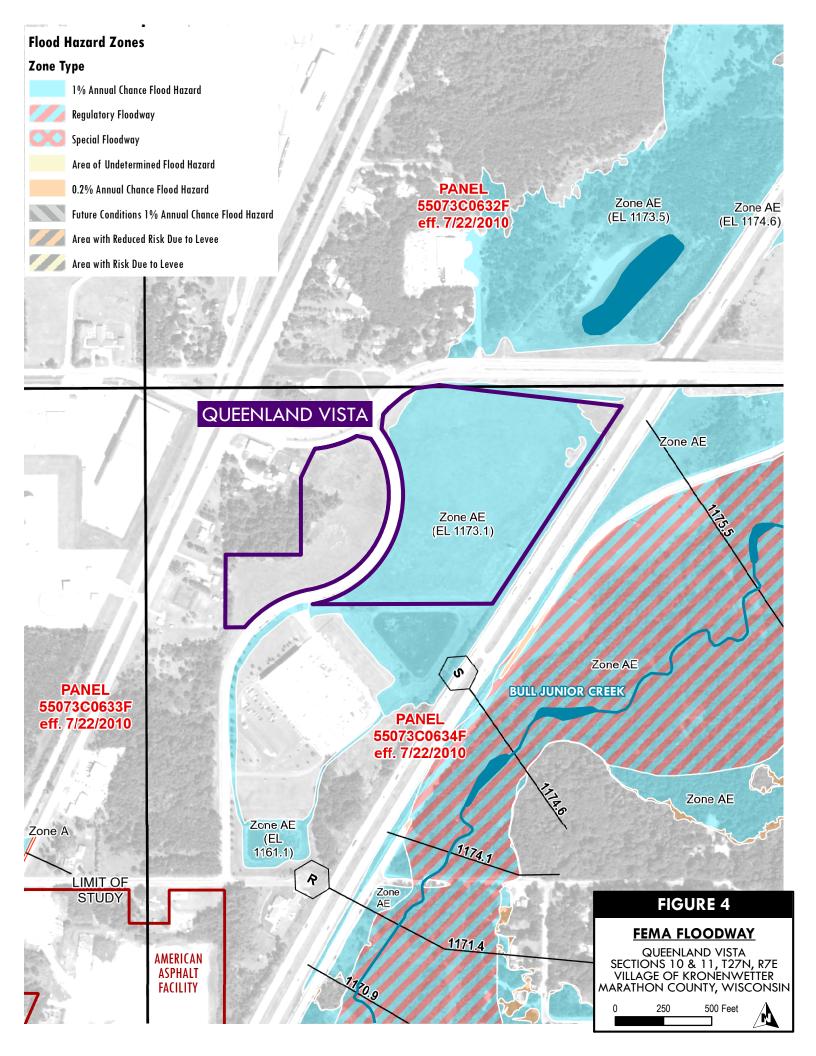
The final waterbodies left on site will provide a very large amount of flood storage.

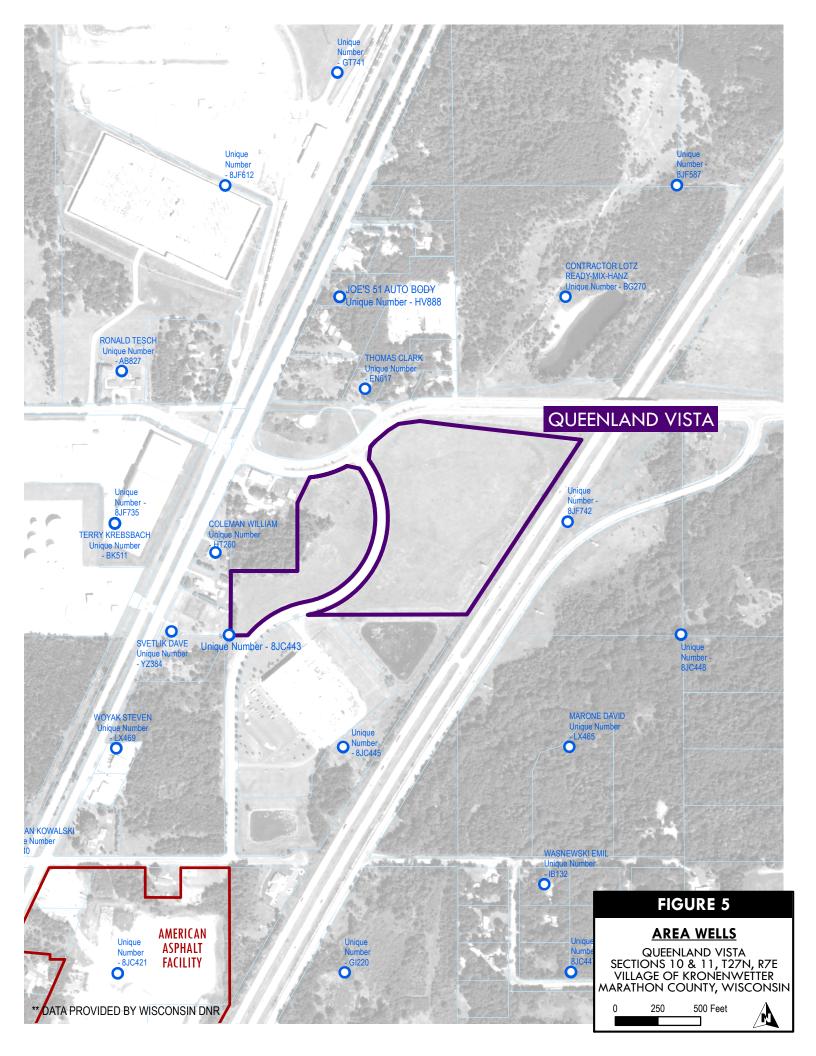
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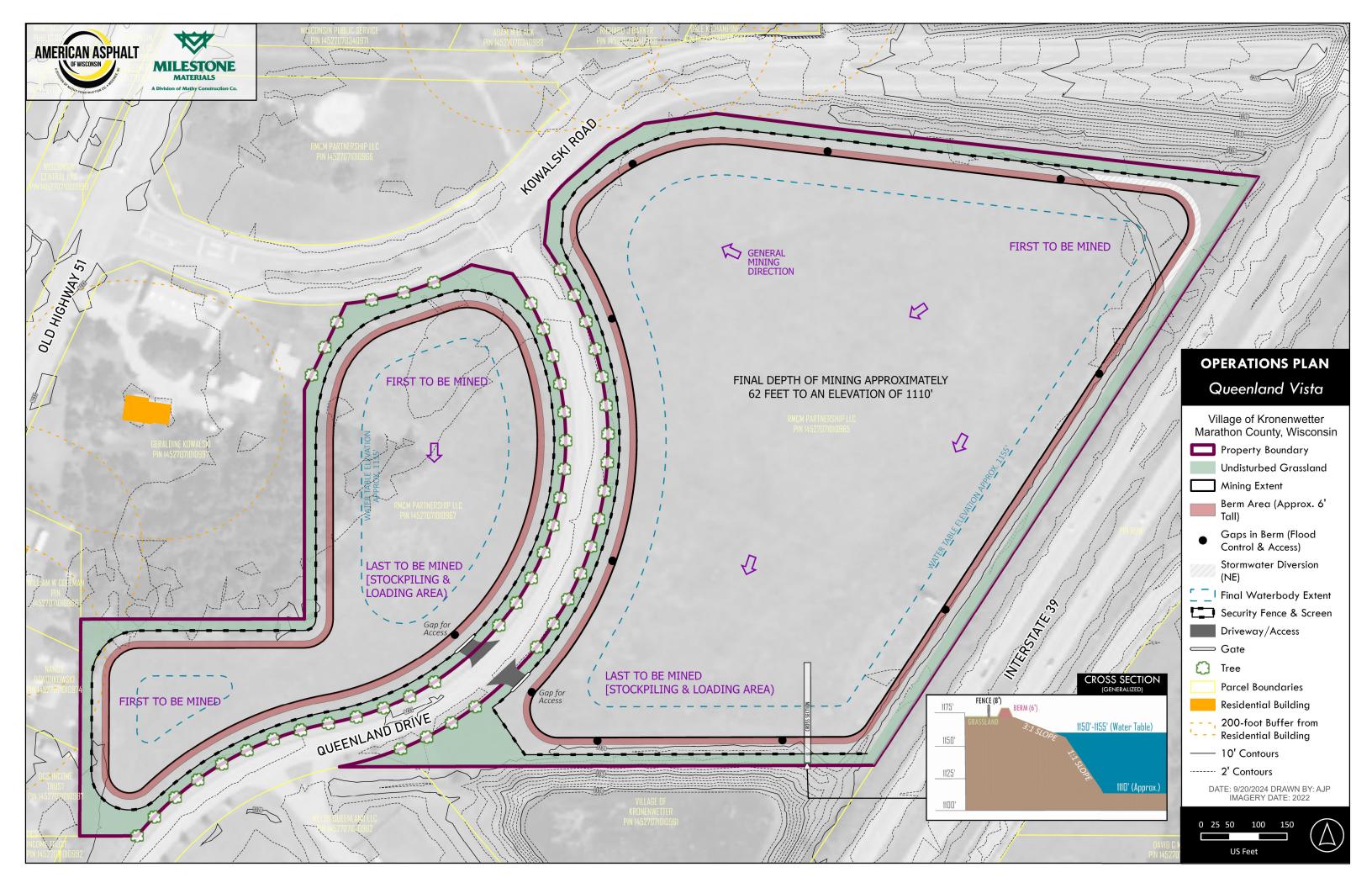


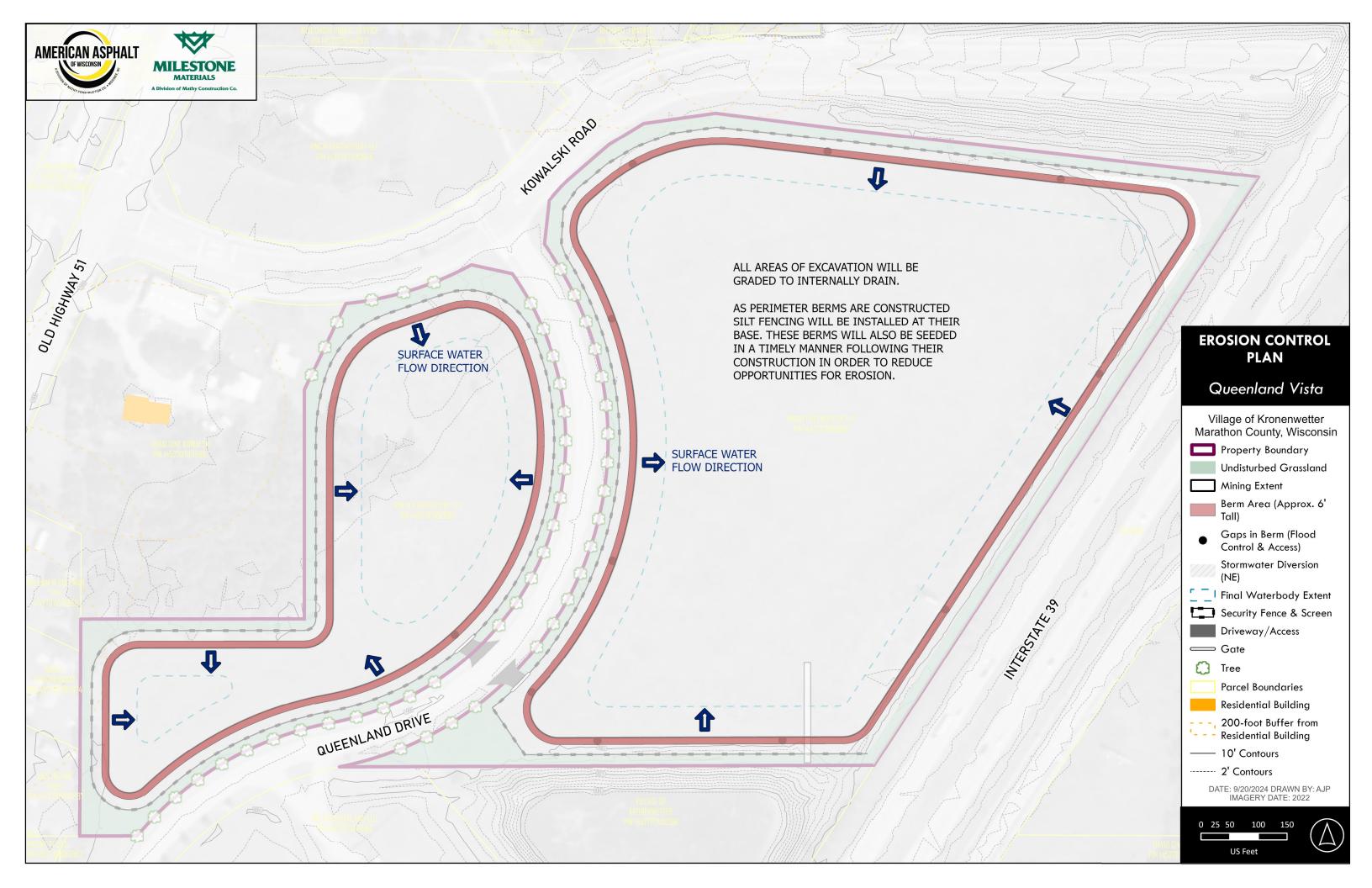


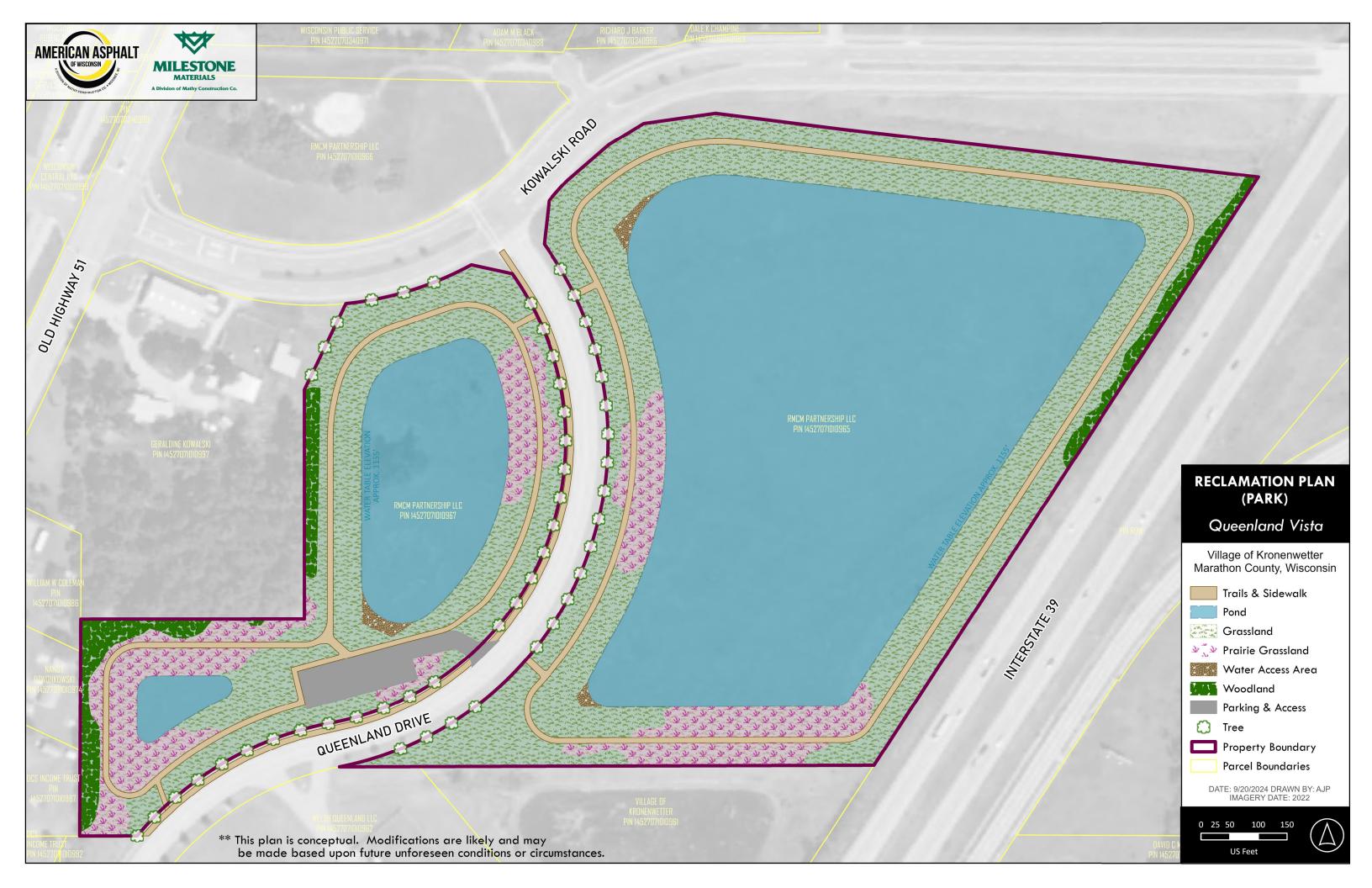


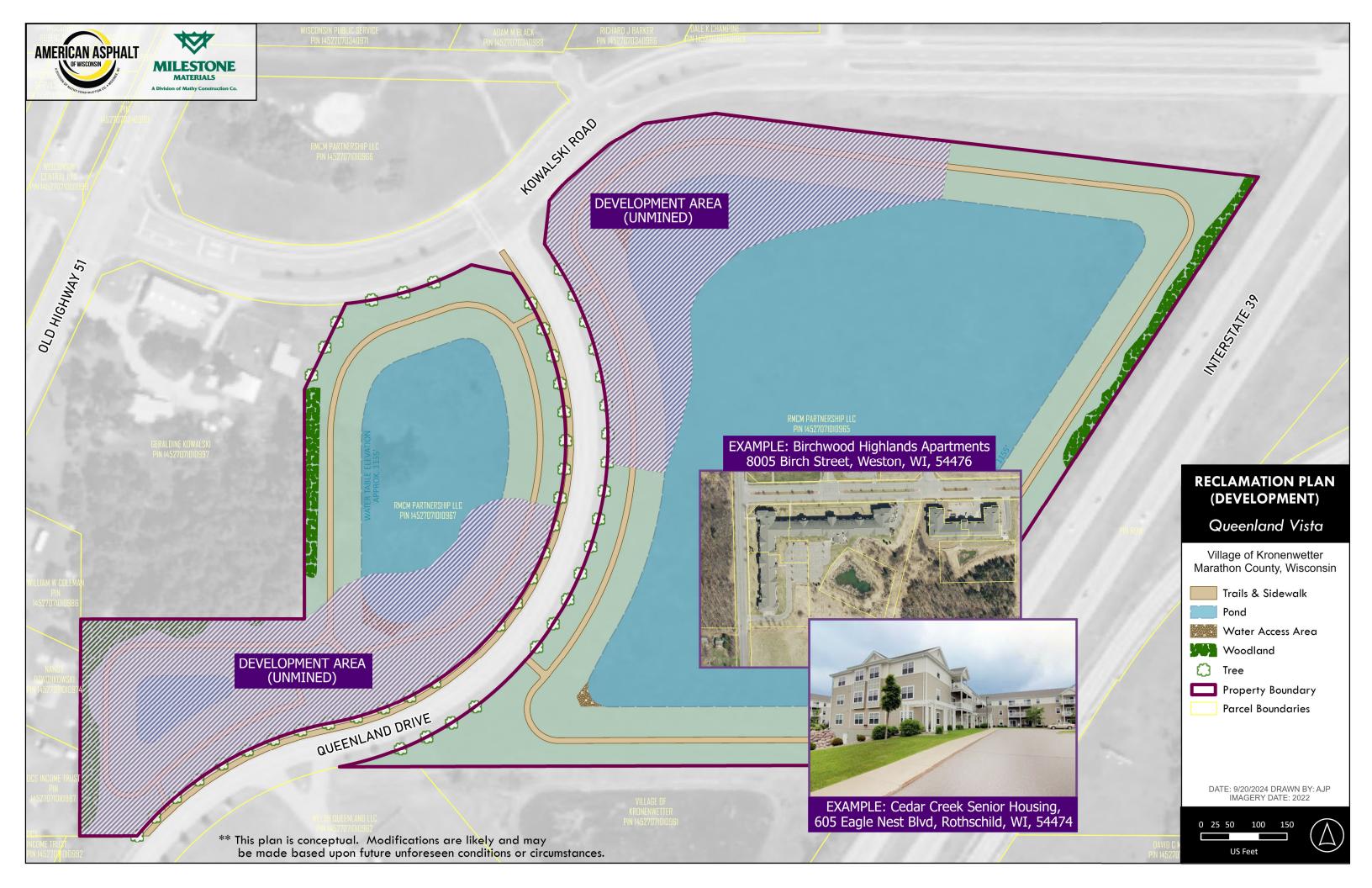
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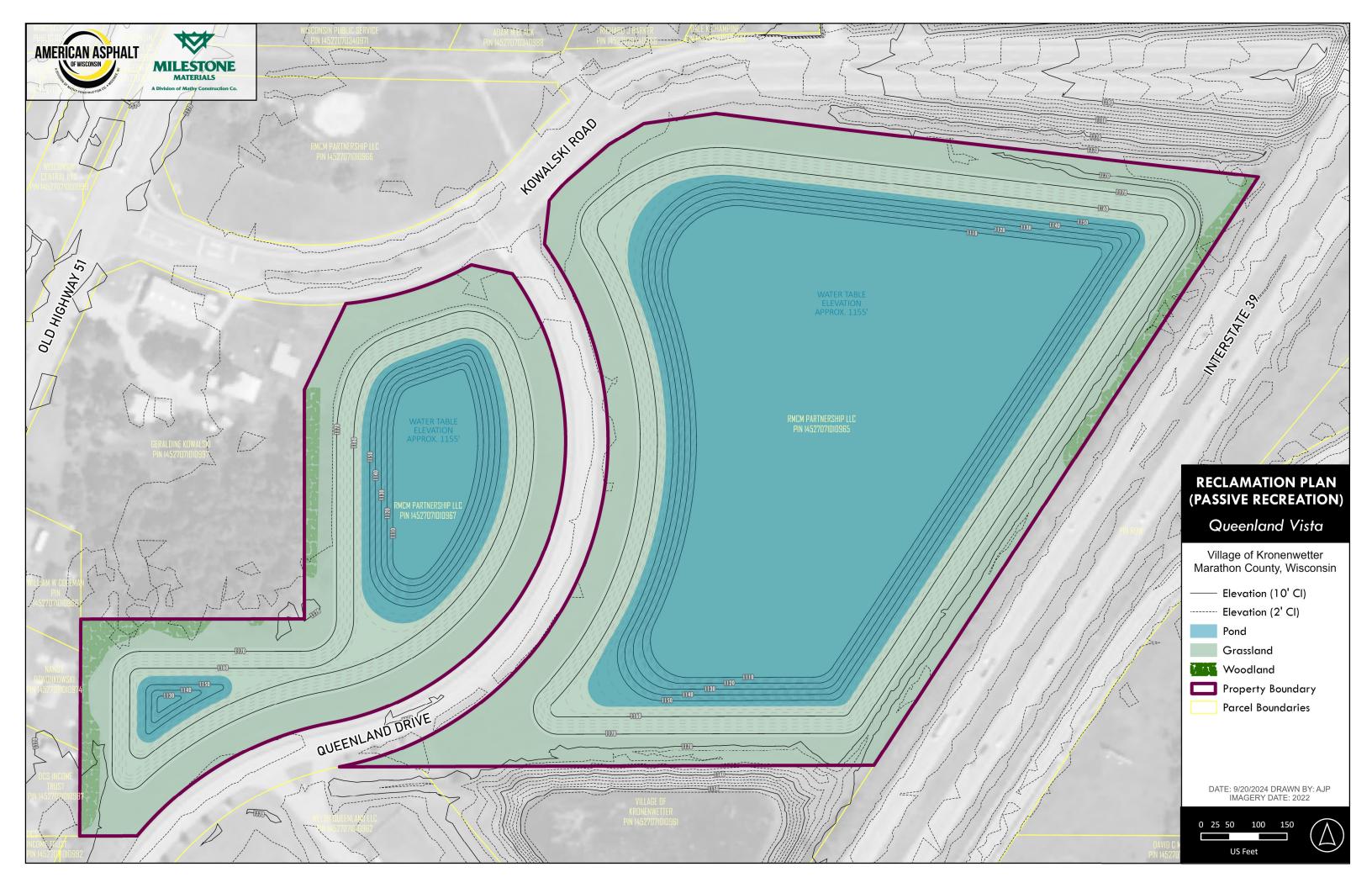








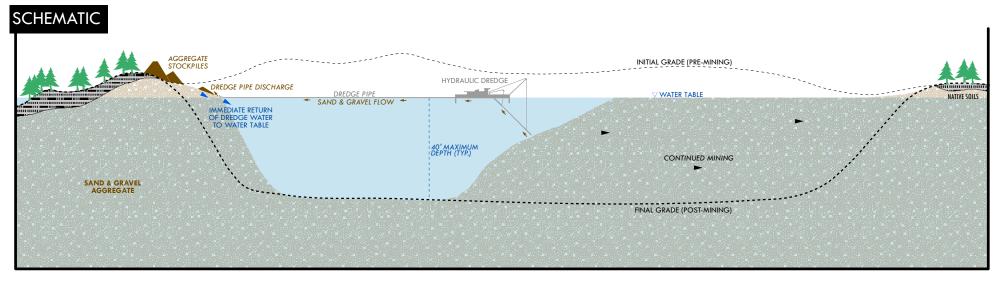


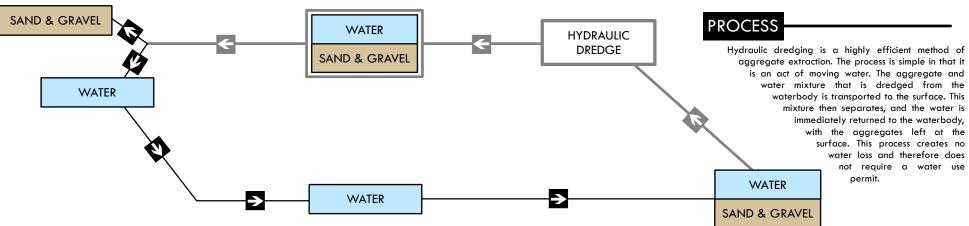


ATTACHMENT 1: HYDRAULIC DREDGING SCHEMATIC

HYDRAULIC DREDGING

This aggregate mining process uses a hydraulic dredge system to excavate the aggregates from underwater. The dredge is partially submerged in water and is equipped with a pump. When dredging, the operator lowers the boom of the dredge to the bottom of the body of water, in this case to maximum depth of 40 feet. A rotating cutter head on the end of the dredge piping then uses teeth to loosen the aggregate material, as the pump moves the sediment, along with water, from the bottom of the excavation. A long pipe then carries the aggregate and water combination from the bottom of the waterbody to the surface. The pipe discharges to a stockpile area that allows for the water to drain from the aggregate and immediately return to the waterbody. The deposited aggregates are then relocated on site and stockpiled for later use off site.





ATTACHMENT 2: COMPLETED FORM & APPLICATION FEE

Non-Metallic Mining Conditional Use Permit Application

Application Fee: \$300

A non-metallic mining conditional use permit is required for any mining activity in the Village. There are also additional permits required by the County and State of Wisconsin.

Plan Commission Meetings are held on the 3rd Monday of each month. Village Board Meetings on conditional use applications typically take place on the 4th Monday of each month.

Although not required, it is recommended that the applicant attend these meetings.



<i>-</i>	ilinough not ret	quired, it is recommended that the applicant alteria these meetings.	
1.	Applicant	Milestone Materials	Phone Number
	••	920 10th Avenue North, Onalaska, WI,	
		andrew.peters@mathy.com	
2.	Owner	Name RMCM Partnership, LLC	_Phone NumberN/A
		Address 7120 Baxter Road, Arena, WI, 53503	
		NI/A	
3.	Parcel ID#(145-2707-101-0967 & 145-2707-101-0965	
4.	Legal descr	ription of the site Lot 1 & Lot 3, Certified Survey M	lap #14379
		Sections 10 & 11, Township 27	
5.		to be affected by this project. Include areas for stockpilining definition 27.54 Square fee	
6.	·	n of the proposed mining operation including type of man See Attached Description site	•
7.	Observe	ed OR Estimated elevation of groundwater $\frac{11}{1}$	52' msl
	Reference	depth to a permanent on-site reference point (bench ma	ark).
8.	Estimated	volume of materials to be extracted $\frac{35,000^*}{}$ cubic	yards. (Include only the volume to be extracted in
	the time pe	eriod covered by this application) *Estimated per yea	r extraction. Varies based on demand.
9.		timetable for beginning and ending of operations on the ears* (see above disclaimer)	site including any phases or stages

10. A. I	f operation is intended t	to be seasonal, list the	months of operation	[Months/Days/Hours of
-	January	through December		operation are chosen to match those of Plant 22]
В. С	Daily hours of operation	Wednesday Thursday Friday Saturday	6 a.m. to 2 a.m. to 3 a.m. to 4 a.m. to 6 a.m. to	8 p.m. 8 p.m. 8 p.m. 8 p.m. 9 p.m.
(If ye	ny temporary erosion c s, the measures to be us fence, berms, erosio	sed must be shown on	during excavation? the plan. If no, explai	Yes OR No n why none are needed.)
A. C B. C C. E	of no less than one (1) Copy of the lease or proc Copies of County and/or	inch equals two hundre of of ownership. State permits or appro d topography, water in	ed (200) feet. ovals.	this application. All maps must be drawn at a
S	uch measures are not n	eeded.		surrounding land uses or an explanation of why
1 2 3	structure and the ad Contours of the affect The location and nar Boundaries of previous	and the location of all joining land are used. cted land at intervals ness of all streams and bus excavations on the stakes shall be reference.	structures on or adjac o larger than two (2) f roads on or within thr site and the location a	eet. ee hundred (300) feet of the site. and description of boundary stakes for the ference point. The area stakes shall include all
1		cription of sequential p	hases of mining includ	which shall include the following: ling haulage ways, storage areas and processing easures.
are true	and accurate. I also un	derstand that submitti	ing this application au	s application and accompanying documents thorizes the Zoning Administrator and his/her netallic Mining Reclamation Ordinance.
	Applicant's Signatu	re		Print Applicant's Name
	Date			

а

ATTACHMENT 3: PROOF OF OWNERSHIP

MEMORANDUM OF PURCHASE AGREEMENT

This Memorandum of Purchase Agreement made this day of/0_	, 2024,
by and between RMCM Partnership LLC, a Wisconsin limited liability compan	y ("RMCM"),
as Seller, WTTC Land Management Co., LLC, a Wisconsin limited liabi	ility company
("WTTC"), as Purchaser, and Milestone Materials, a Division of Mathy	Construction
Company ("Milestone"), as proposed Tenant.	

For good and valuable consideration described in the Real Estate Purchase Agreement between the parties dated August 9, 2024 (the "Agreement"), RMCM has agreed to sell and WTTC has agreed to purchase that certain real property situated in the Village of Kronenwetter, Marathon County, Wisconsin more particularly described on the attached Exhibit A (the "Property"), under the terms and conditions described in the Agreement. Upon successful closing on its purchase of the Property, WTTC has agreed to lease the Property to Milestone, as the site operator.

The Agreement grants WTTC and Milestone the right to apply for and obtain those certain approvals necessary for Milestone's proposed use of the Property related to its mining operations. Accordingly, any approving authorities, including but not limited to the Marathon County Zoning Department, may rely on this memorandum in lieu of a deed and/or lease agreement which will be available upon completion of the transaction. Such transaction is contingent upon WTTC/Milestone obtaining the approvals necessary for operating the Property.

This Memorandum of Purchase Agreement is not a complete summary of the terms of the Agreement. In the event of conflict between the provisions contained within this Memorandum and the Agreement, provisions within the Agreement shall control.

WITNESS:	RMCM PARTNERSHIP LLC
Name: Janet Monk	By: Thomas Monk Thomas Monk
Name: Janet Monk	Managing Partner
WITNESS:	WTTC LAND MANAGEMENT CO., LLC
12/1.	By: Will Mathy
Name: Tristan K. Gorden	President
WITNESS:	MILESTONE MATERIALS
Just M. fr	By: Vil why
	Will Mathy
Name: _ ristan K. Gardner	Vice President

EXHIBIT A

Lots one (1) and three (3) of Certified Survey Map No. 14379 recorded in the office of the Register of Deeds for Marathon County, Wisconsin, in Volume 64 of Certified Survey Maps on page 16, as Document No. 1449149, as corrected by Affidavit of Correction recorded in said Register's office as Document No. 1463682; being a part of the Northeast quarter (NE ¼) of the Northeast quarter (NE ¼) of Section ten (10), and also a part of the Northwest quarter (NW ¼) of the Northwest quarter (NW ¼) of Section eleven (11), all in Township twenty-seven (27) North, Range seven (7) East, in the Village of Kronenwetter, Marathon County, Wisconsin; subject to easements of record.

PIN: 145-2707-101-0967

145-2707-101-0965