



July 19, 2018

Opening Design Architects

Attn: Ryan Schultz
316 West Washington Avenue, #675
Madison, WI 53703

Re: 3196 Aalseth Lane – Town of Dunn

Quam Engineering, LLC is pleased to submit a proposal to Opening Design Architects (hereinafter referred as the Client) to provide engineering services for the referenced project.

SCOPE OF SERVICES

Quam Engineering, LLC shall provide engineering services as shown on the attached Scope of Services (Attachment A) in accordance with the terms and conditions of this agreement. Quam Engineering, LLC assumes that a Boundary Survey, Topographic Collection, Soils Analysis, Wetland Delineation, Ordinary High-water Mark Determination, Tree Inventory, Proposed Site Plan, Utility Plan, Landscape Plan, Wisconsin D.N.R. permits, F.E.M.A. permits, Town Permits, Floodplain Application, Retaining Wall Design, Construction staking, Construction Administration, and House location survey are not required or provided by others; therefore, those services are not included.

SCHEDULE

Quam Engineering, LLC shall proceed immediately upon receipt of a signed contract and AutoCAD file of the Proposed Site Plan.

EXTRAS

Review fees, application fees, and changes to the Plans resulting from changes to the site layout by the Client or Client's representative(s) are extras to this contract.

FEES

The services and associated fee and time estimates are shown on Attachment A. Fees will be invoiced on a monthly basis with payment due and payable within thirty days. **Any balance outstanding after thirty days will incur interest at a rate of eighteen percent per year.** The Client shall provide Quam Engineering, LLC with a clear, written statement, within twenty (20) days of the date of the invoice, of any objections to the invoice. Failure to provide such a written statement shall constitute acceptance of the invoices as submitted. Fees will be based on the hours billed and at the hourly billing rates below:

<u>Quam Engineering, LLC</u>	
Engineer III	\$125
Engineer II	\$110
Engineer I	\$100
Robotic Crew (1 person)	\$130
Field Crew (2 person)	\$130

TERMINATION OF AGREEMENT

The Client may terminate this Agreement at any time with or without cause giving Quam Engineering, LLC fifteen (15) calendar days prior written notice. Quam Engineering, LLC may terminate this Agreement upon giving the Client fifteen (15) calendar days prior written notice for any of the following reasons:

1. Breach by the Client on any material term of this Agreement, including but not limited to Payment Terms.
2. Transfer of ownership of the project by the Client to any other persons or entities not a party to this Agreement without the prior written consent of Quam Engineering, LLC.
3. Material changes in the conditions under which this Agreement was entered into, coupled with the failure of the parties hereto to reach accord on the fees and charges for any Additional Services required because of such changes.

If for any reason this contract is discontinued before completion of this contract, Quam Engineering, LLC shall be paid for that portion of the work which is complete prior to the discontinuance of the contract.

TERMINATION OF SERVICES

Quam Engineering, LLC may terminate services immediately for any balance outstanding after ninety days.

ADJUSTMENTS

This agreement contains all the terms and conditions of the agreement between Client and Quam Engineering, LLC and any changes in this agreement shall have no effect unless they are made in writing, signed by both parties, and incorporated as an amendment to the agreement. No other understandings, representations, or agreements, written or oral, other than those herein have been made by and between the parties hereto.

Quam Engineering, LLC appreciates the opportunity to submit this proposal and looks forward to working with you.

Respectfully submitted,



Aaron Falkosky, P.E.
Senior Project Manager and Co-Office Manager

ENDORSEMENT

The undersigned hereby accepts this proposal for engineering services as indicated in "Fees" shown on Page 1 and hereby authorizes Quam Engineering, LLC to proceed with the services outlined herein.

DATE: _____ BY: _____

FN: OD-03-18

ATTACHMENT A
SCOPE OF SERVICES

- 1. Site Visit** – Quam Engineering, LLC will review existing site conditions, and adjacent culvert, and street drainage.

Fee Estimate: \$200 - \$300

- 2. Soils Analysis Administration** – Quam Engineering, LLC will administer the soil test to be performed by others for infiltration purposes. The fee estimate does not include the fee to perform the soil test.

Fee Estimate: \$200 - \$300

- 3. Grading and Erosion Control Plan** – Quam Engineering, LLC will prepare the Grading and Erosion Control Plan for the proposed driveway, house, and mitigation areas. The Grading and Erosion Control Plan will be based upon the Plat of Survey Map and Proposed Site Plan provided by the client and will contain proposed contours, spot elevation, erosion control & stormwater management details, and proposed impervious areas & percentage.

Fee Estimate: \$1,700 - \$1,900

- 4. Shoreland Zoning Permit Application** – Quam Engineering, LLC will prepare the Shoreland Zoning Permit Application for construction of impervious area within 300 feet of Lake Kegonsa. The Application will be provided to the Client for submittal to Dane County Zoning with the GECP and Plat of Survey. The Client shall provide a PDF of the Plat of Survey with existing impervious area & percentage.

Fee Estimate: \$300 - \$400

- 5. Shoreland Erosion Control & Mitigation Report** – Quam Engineering, LLC will prepare the Shoreland Erosion Control & Mitigation Report to meet the erosion control and shoreland mitigation requirements for the proposed residence. The report will contain the Grading and Erosion Control Plan, USLE worksheets, Erosion Control & Mitigation Cost Estimate, storm water drainage calculations, and Dane County Erosion Control & Shoreland Mitigation Applications & Checklists with comments. The report will address 40% sediment control and infiltration of 75% pre-development infiltration volume. The fee estimate assumes a bio-retention basin will be sized to meet sediment control and infiltration requirements. Four copies of the Report will be provided to the Client for submittal to Dane County Water Resources.

Fee Estimate: \$2,800 - \$3,000

6. **Vegetative Buffer Plan** – Quam Engineering, LLC will prepare the Vegetative Buffer Plan. This item will include an on-site meeting with Jay Settersten of SetterTech *Natural Environment Technologies* to review the existing vegetation and discuss proposed vegetative buffer vegetation with the Client. The Vegetative Buffer Plan will include the vegetative buffer area, proposed planting schedule, and vegetative buffer maintenance.

Fee Estimate: \$1,600 - \$1,800

7. **As-Built Stormwater Management Certification** - Quam Engineering, LLC will perform a site visit to measure the as-built bio-retention basin and buffer footprint to verify they were built in conformance with the approved plan. If the bio-retention basin and buffer footprint were built in conformance to the approved plan, Quam Engineering, LLC will provide a letter of as-built certification to Dane County. The Client shall provide a copy of the engineered soil mix.

Fee Estimate: \$500 - \$700