

Provider:

WTS Paradigm, LLC
 1850 Deming Way Suite 120
 Middleton, WI 53562

Paradigm Engineering Services™ Statement of Work

EFFECTIVE DATE: Date on which Customer places order with Provider

This is a Statement of Work (SOW) between a customer (“Customer”) and WTS Paradigm, LLC (Provider) for the Engineering Services outlined below. All terms, provisions, and other contractually binding information outlined in the Professional Services Agreement (PSA, available at www.myparadigm.com/legal/PSA) apply to this SOW, unless otherwise specified. Any terms not defined in this SOW shall have the meaning ascribed in the PSA.

Paradigm Engineering Services Details & Assumptions

The Service comprises the Deliverables described below:

- Structural engineering design and production of Construction Documents for one or more Projects, during the Term.
 - “Construction Documents” shall mean the drawings, specifications, details and other documents prepared by Provider’s engineer that describe the scope and quality of the Project and the systems and other elements that meet the requirements of the International Residential Code (I.R.C.) as adopted by the local governing jurisdiction required for construction of the Project.
 - A “Project” shall mean a unique design and floor plan with a particular square foot area.
- Three elevations, three major options, and three minor options are included in the base fee. Additional elevations, major and minor options may be provided for additional fees.
 - An Elevation is a dimensional drawing of the building’s façades, which is an orthographic projection of the exterior faces of a building.
 - A major structural option drawing, which shows substantial changes to the original requested drawing. This type of drawing shows major impactful changes to the roof lines, SF of foundations and floor areas, arrangement of mechanical, electrical, and plumbing systems, and levels of the structure that require re-engineering.
 - A minor structural option drawing. Which shows minimal interaction between multiple systems and levels of the structure (deck, porch, sunroom)
- Standard details commonly used in residential construction.
- Requests for information (R.F.I.’s) for clarification of drawings.
- One review of structural fabrication and erection submittals, structural product data submittals, and structurally related test reports to check for conformance with structural documents.

Master Set

The following table describes the Engineering Services available per Project. Price list is available at www.myparadigm.com/legal/Pricing/EngineeringServices/ProductionBuilders.

Service provided	Description	Foundation Type	Conditioned Square Feet
Shallow Foundation	Design and drafting of foundation plan, along with all associated foundation details. (Shallow Foundations to consist of standard spread footing foundation systems, slab-on- grade foundation systems, and post tension slab-on- grade foundation systems.)	Slab-on-grade (SOG)	<1000 S.F.
			1000-4000 S.F.
			>4000 S.F.
		Crawl/ Basement	<1000 S.F.
			1000-4000 S.F.
			>4000 S.F.

Deep Foundation	Helical Piles, Drilled (belled/ straight shaft) Piers. Design and drafting of foundation plan, along with all associated foundation details. (Deep Foundations to consist of helical piles and drilled straight shaft or belled concrete piers)	SOG	<1000 S.F.
			1000-4000 S.F
			>4000 S.F.
		Crawl	<1000 S.F.
1000-4000 S.F			
>4000 S.F.			
Foundation and Framing	Foundation (No piers) and Framing (Gravity and Lateral) Design and drafting of wood framed structure for both gravity and lateral loadings. Gravity framing design includes wall framing, floor framing (dimensional lumber, EWP, or floor trusses), and roof framing (Stick framed or trusses) along with all associated framing details. Lateral design of wood framed shear walls; includes wall sheathing requirements with nailing patterns and hold down locations.	Wind Speed (<115 mph) / Seismic (A/B)	<1000 S.F.
			1000-4000 S.F
			>4000 S.F.
		Wind Speed (≥115 mph) / Seismic (C,D)	<1000 S.F.
			1000-4000 S.F
			>4000 S.F.
Additional Service Hourly Rates	Please refer to Optional Services below	N/A	Drafter
			Architect or Engineer (PE)

Exclusions

Unless expressly provided in this Agreement, the Service does not include:

- Inspections and or site observations
- Materials testing
- Geo-technical (soils) investigations and reports
- Design of temporary shoring or bracing during construction
- Design of “vendor engineered” features such as: premanufactured wood trusses, heavy timber and glulam trusses, glass features including handrails and guard, stairs, and precast and stone facades

Optional Services

The following optional services for a Project may be requested and delivered, when available.

- Plan reuse(s)
 - No changes to plan
 - Small modifications due to site specific requirements
- Additional plan revision hours, minimum of 1 hour per revision
- Additional drafting services after acceptance of Deliverables
- Additional Engineering Services after acceptance of Deliverables
- Value engineering or changes to plans to reduce construction cost
- BIM Coordination
- Heavy timber truss design
- Unique stair design

Customer Responsibilities

The Customer is responsible for providing the following:

- Geo-technical (soils) report with foundation design criteria for the adopted building code.
- Electronic Architectural drawings (CAD and PDF formats); Architectural layout drawings shall be complete, insofar as they must show the complete architectural layout, drawn to scale, with the appropriate details, such that the structural layout of the building can be clearly determined up-front.
- Roof and floor truss shop drawings (when available) to help determine direct load path efficiently.

Assumptions

The following outlines assumptions related to the Services:

- Square footage is based on conditioned floor area.
- Prices may vary based on the structure use, complexity of the overall design, and variance from square footage Customer represents to Provider when documents are submitted to Provider.
- Provider reserves the right to decline a submission, especially in the case of incomplete details or copyright related concerns that are not addressed in a timely manner.
- Provider shall not supervise, direct, or have control over Customer or Customer’s consultants or contractors’ work.
- Provider shall not be responsible for the means, methods, procedures, techniques, or sequences of construction, nor for safety on the job site, nor shall the Provider be responsible for Customer or Customer’s consultants or contractors’ failure to carry out the work in accordance with the Construction Documents.
- Any additional Engineering Services for a Project required beyond the basic scope of this SOW will be charged on an hourly basis using the hourly rates listed above. Examples of additional services include but are not limited to:
 - Plan changes by Customer or Customer’s client and/or contractor after agreed upon substantial completion.
 - Changes or modifications requested by Customer or Customer’s client or contractor during construction, to include engineer provided design and coordination necessary as a result of Customer or Customer’s client’s or contractor’s error or chosen construction method.
 - Significant change in project scope including but not limited to, size, quality, type of construction, complexity, schedule, and inclusion of additional alternate plan options beyond the number included in the base fee.

Paradigm Engineering Services Term & Termination

TERM OF STATEMENT OF WORK:	1 Year commencing on the Effective Date.
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THIS SOW IS EFFECTIVE AS OF THE EFFECTIVE DATE. PRICING INCLUDED IN THIS SOW WILL APPLY TO ALL PROJECTS AND SERVICES REQUESTED BY CUSTOMER IN THE INITIAL TERM. PROVIDER MAY CHANGE THE PRICING OF ENGINEERING SERVICES AT ANY TIME WITH 30 DAYS PRIOR NOTICE. THIS SOW SHALL AUTOMATICALLY RENEW UPON THE EXPIRATION OF THE TERM OF THIS SOW. CUSTOMER OR PROVIDER MAY TERMINATE THIS SOW AT ANY TIME WITH 30 DAYS WRITTEN NOTICE. TERMINATION BY CUSTOMER REQUIRES PAYMENT OF ALL OUTSTANDING SERVICES REQUESTED.

Paradigm Engineering Services Payment Terms

The payment options for Provider services are outlined below. Payments on invoiced amounts are due within thirty (30) days of receipt.

Payment Options	Payment Due
BFS Credit Program	Payment is pursuant to BFS Credit Program terms.
Credit cards, ACH	Invoiced upon delivery of Deliverables.