

CAPABILITY STATEMENT

SINCE 2008: Detailing constructible link
from virtual to the real world!

SHOP DRAWINGS/AS BUILT – REBAR, PRECAST, CMU, STEEL | 3D BIM MODEL,
3D DETAILING – REBAR, PRECAST, STEEL | SUBMITTAL PROJECT MANAGEMENT
PRE-CONSTRUCTION DESIGN AND CONSTRUCTION DESIGN SUPPORT

Strand Consulting Corporation provides reliable; high precision and cost-effective shop drawings, IBM bar mark detailing & 3D BIM rebar model/concrete model to contractors, fabricators, and design professionals with efficient customer service. We use cutting edge technology; we follow the code; we use standards and provide reliable detailing, estimating & designing services. We have worked on many high-profile projects in the domestic and international market at the pre-construction and construction phase. Strand Consulting Corp provides strategic consulting technology services and managed services to commercial, not for profit and government organizations. Our Consulting can mobilize the right people, skills, and technologies to help organizations improve their performance.

The logo features a stylized blue and red arrow pointing upwards and to the right, overlapping a black circle with a red border. The word "STRAND" is written vertically in a bold, black, sans-serif font to the right of the graphic.

STRAND

VISION

To be recognized as a preeminent global company for BIM modeling, designing, detailing and project management services that engage design professionals, emphasizing on diversity, code compliance and ethics while embracing new technology, and provide opportunities to female & young design professionals.

CORE CAPABILITIES

Our civil engineers and business partners analyze projects, understand and implement pre-construction and construction solutions in the areas of:

- Rebar detailing – shop drawings (REBAR CAD, AUTO CAD)
- BIM Modelling – Concrete & Rebar Model, BBS, (REVIT, TEKLA) & 2D
- Slab Edge/Dimensional drawings
- CMU shop drawings
- Rebar Takeoffs
- Steel Detailing
- Project Management
- BBS
- As Built, Reconciliation drawings and Pre-Cast drawings

WHAT SETS STRAND APART FROM THE COMPETITION?

- Large Professional staff
- Offering specialised & targeted service
- High precision work
- Long term reliability
- Ensures quick turnaround
- Highly Cost effective
- No nickel and dime hassle
- Work anytime, anywhere
- Women owned
- DBE (NY-MTA, SCA, NYS, PANYNJ, SBS)

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WBE/MBE/DBE

- MTA – DBE
- PANYNJ
- NYCSBS
- SCA

WHY STRAND?

Have you been in a situation where you need reliable, shop drawings with IBM bar mark; 3D concrete/rebar models; 2D shop drawings, but are stuck with low precision shop drawings on the field? Feel that you are not controlling the project; are told what/when to order the steel? Wonder why you must lock in price for the expensive steel before the drawings are approved? Strand Consulting Corporation for 12+ years have been developing high value, high precision & code-compliant 2D placement drawings & 3D BIM models for contractors and engineers using Revit, Tekla, CAD and always on schedule. Unlike our competitors, our specialty is to understand the drawings, raise RFI/scope changes where we see conflicts, pre-construction. You purchase the steel when you understand the project, or some critical drawings are approved. You can be cost effective and not over buy or under shoot, you control the pricing and project. Our work saves labor time and helps to find the bars tags easily. Some of our projects can be found on the website, may I send you the link and/or the samples of our recent projects?

MANAGED SERVICES

Many companies these days choose to focus on their core strengths and outsource certain business processes. If you choose to go that route, Strand can help you in the following areas:

- Detailing outsourcing
- Business Process Outsourcing
- Project Management Outsourcing
- Estimating Management
- BIM Services

TECHNOLOGY

- TEKLA | Revit | Bentley BIM
- Rebar CAD | Auto CAD | RGS-Rebar
- Excel | Procure



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SERVICES PROVIDED

We have been involved with many elements like Foundations, Columns, Walls, Slabs, Beams, Elevator pit, Staircase, Bent Caps, Girders, Deck Slab, Approach Slabs, Abutment, Wingwalls, WWF (Welded Wire), etc.

RC-2D-Detailing/Estimate	<ul style="list-style-type: none"> • Rebar Detailing • Masonry/CMU Detailing • Dimensional Drawings • As built drawings • Reconciliation drawings • Estimate of rebar quantity during bidding (Walls, Parapet and Shear Walls Support Chairs, Foundations and SOG, Grade Beams, Pile Caps, Slab on Metal-Deck, Structural Slab, Concrete Beams, Columns, etc.) • Rebar Supplier— We also supply Rebar to our valued customers only • Conflict Resolution— A specialty service when parties need an independent opinion • Change Orders— An added value service for detailing projects
3D TEKLA/REVIT	BIM Model — TEKLA <ul style="list-style-type: none"> • Concrete model as per architecture/structure drawings • 3D Rebar Model as per design/contract drawings. • Rebar shop drawings with plan/section by using rebar model with BBS • Share concrete and rebar models thru Trimble connect
	BIM Model — REVIT <ul style="list-style-type: none"> • Develop a structure (concrete) model and architecture model too. • Develop a 3D rebar model into concrete model. • Generate rebar shop drawings by using rebar models. LOD 300. • We can share models through BIM 360 cloud platform. • Check clash detection by using the Navisworks platform for Structural, Architectural and MEP modeling.
ESTIMATION	Detailed or a summary estimate <ul style="list-style-type: none"> • Metric— • Non-Metric—
STEEL DETAILING/PRECAST	<ul style="list-style-type: none"> • Calculations, if necessary (no PE Stamp) • Details of all connections (no PE Stamp)
PROJECT MANAGEMENT	<ul style="list-style-type: none"> • The assigned project manager will manage the entire submission and drawing approval process as an integral part of the construction team. • The assigned project manager also can be used as a Submittal project manager for any construction projects that you need services.



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COMPLETED PROJECT SAMPLES

Estimates	<ul style="list-style-type: none"> Holland Parkside (Canada) Martin Grove Rd., Toronto, ON 	<ul style="list-style-type: none"> 10 Lake Promenade Project (Canada) 405 & 407 W 206th St. 	<ul style="list-style-type: none"> 473 President St. 125 W 57 St. Many small & big
Detailing (NY, Canada)	<ul style="list-style-type: none"> 145 W 47th St. — 2000 tons Amityville Memorial HS — 150 tons P.S. 143 	<ul style="list-style-type: none"> 3500 Park Ave. — 200 tons Archer Gren — 2500 tons Queen Plaza P.S. 46 	<ul style="list-style-type: none"> P.S. 196 Many small & big
CMU	<ul style="list-style-type: none"> 3500 Park Ave. Hofstra Zarb School 	<ul style="list-style-type: none"> 40th Precinct Irish Art Center 	<ul style="list-style-type: none"> 164 Union Ave. Many small & big
BIM (TEKLA)	<ul style="list-style-type: none"> MSD Ballydine (Ireland) MSD Ballymore 	<ul style="list-style-type: none"> Coosan Block A (Europe) Many small & big 	
BBS (Europe)	<ul style="list-style-type: none"> 1030 Martin Grove Rd. Project 1438 Centre St., Thornhill 	<ul style="list-style-type: none"> SSSB 40 Voyager Project Many small & big 	

SCOPES COVERED

(Agencies – SCA, PANYNJ, DDC, etc., Private)

- Commercial Buildings/Public Buildings
- Foundations of Any Kind
- Superstructure & Multi-Story Buildings — Residential, Commercial, Town Hall, Highways, etc.
- SCA — School Buildings
- Complicated Renovations and Foundations
- CMU Foundations, Superstructures
- RCC Bridges and Highways
- Water Treatment Plants
- Drainage Structures
- Heavy Foundations and Bridges
- Concrete Masonry Structures

GEOGRAPHICAL AREAS OF SERVICE

- United States: All States
- Europe (Worked in: UK, Norway, Sweden, Ireland)
- Canada
- Middle East

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