



— PITTSBURGH-BASED | MULTI-STATE PRACTICE

Structural engineering *built for the field.*

Design, documentation, field verification, and construction support for industrial, commercial, institutional, and residential work.

250+

PROJECTS COMPLETED

9

STATES LICENSED

2013

ESTABLISHED

One partner across *the structural scope.*

SSD Industries combines practical analysis, coordinated design, and jobsite awareness to deliver clear structural solutions that can be priced, permitted, fabricated, and built.

01

Structural steel + detailing

Building frames, equipment supports, pipe racks, conveyors, access platforms, lateral systems, connections, BIM coordination, and fabrication-ready drawings.

02

Foundation + deep foundations

Spread footings, grade beams, mats, pile caps, equipment foundations, helical piles, underpinning, anchorage, retaining systems, and earth retention.

03

Commercial + institutional

Renovations, schools, municipal buildings, additions, adaptive reuse, cold-formed steel framing, stairs, canopies, and repairs.

04

Residential structural design

Custom homes, complex wood framing, LVL and timber systems, retaining conditions, and load-bearing wall modifications.

05

FARO scan-to-BIM

Registered point clouds, ReCap-compatible files, existing-condition models, base drawings, and renovation coordination.

06

Inspection + field support

Special inspections, condition assessment, repair documentation, submittal review, RFIs, and construction-phase support.

Precise deliverables. *Practical decisions.*

01 Understand existing conditions

Field observation, FARO scanning, and direct coordination identify the actual constraints before design begins.

02 Engineer the complete load path

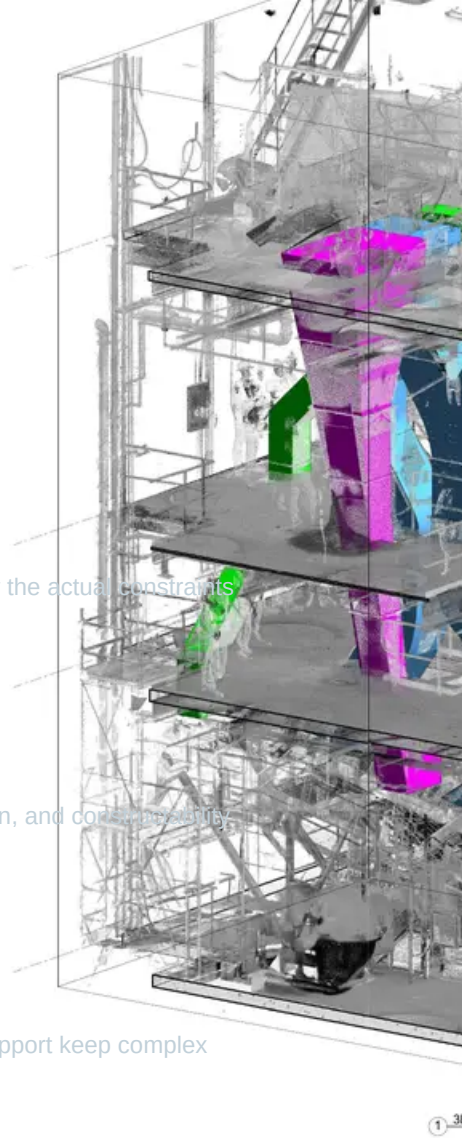
Analysis and details address gravity, lateral, connection, foundation, and construction requirements as one system.

03 Support the work in the field

Clear drawings, responsive RFIs, inspections, and construction support keep complex structural work moving.

Markets served

Industrial • Material handling • Energy • Commercial
Existing structures • Custom residential



BRING US THE CHALLENGE.

We'll engineer the solution.

Pittsburgh, Pennsylvania

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SSDINDUSTRIES.COM