



— WHY BUILD ON RPS

Half the schedule. No surprises on cost.

RPS builds an above-grade, void-formed reinforced raft that spans problem soil and **eliminates the engineered building pad** — removing the biggest unknown in your budget and two weeks from your critical path.

SCHEDULE • FOUNDATION TO SLAB

4 WKS

RPS, vs. ~~7½ wks~~ traditional

≈ 47% faster • pad step removed

ALL-IN INSTALLED COST

\$18/SF

RPS — fixed, vs. ~~\$18-21/SF~~ traditional

at or below traditional, every scenario

COST BREAKDOWN — PER SF

LINE ITEM	TRADITIONAL	RPS
Mass grading	\$2	\$2
Building pad (2-4' select fill)	\$3-6	ELIMINATED
Foundations	\$6	\$6
Slab (form + pour)	\$7	\$10
Total / SF	\$18-21	\$18
AT 20,000 SF	\$360K-420K	\$360K

SCHEDULE BREAKDOWN — WEEKS

STEP	TRADITIONAL	RPS
Mass grading	1	1
Building pad	2	-
Rough-in	1	1
Foundations	1	1
Slab + cure	2½	1
Total	7½ wks	4 wks

TIME SAVED

3½ wks

The difference is the **pad**.

On problem soil, the traditional **2-4' engineered select-fill pad** is the cost you can't even price until the soil is characterized — **\$3-6/SF of pure uncertainty** — plus a **two-week step** on the critical path. RPS's above-grade raft spans it. Same foundation and grading cost, a higher-value slab, and the pad simply gone: **a fixed budget and a shorter schedule.**

Illustrative comparison for a representative 20,000 SF building, based on RPS field cost & schedule modeling. Figures are all-in installed \$/SF and weeks; actual cost and schedule vary by project, region, soil conditions, and design. Not component or per-unit pricing. Foundation designed by the project Engineer of Record to applicable code.