

BOISE TQBuild™

BOISE TOTAL QUALITY BUILDING™ PRACTICES



VOLUME BUILDERS: RE-ENGINEER YOUR BUSINESS WITH BOISE TQBUILD™:

Boise EWP's new dealer-based Total Quality Building Practices are now available to help production builders streamline home plans, construction processes and materials management. Dealer personnel thoroughly trained in BOISE TQBuild™ come to your place of business and jobsites to learn and work alongside your people. They help with long-term design and process improvements, implementing changes moving forward. And they bring you productive new tools such as detailed field framing drawings to ensure the optimized plan is built as designed. BOISE TQBuild can help you reap the benefits for the life of your business.

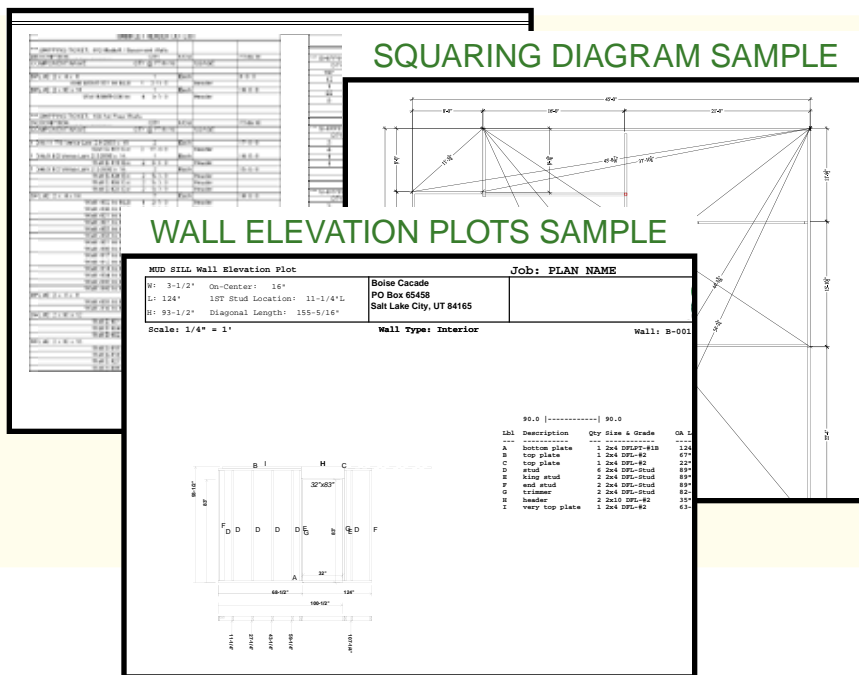
WHOLE HOUSE DESIGN DEFINITION:

The creation of a single three dimensional model with input originating from conceptual plans. The model created is used to generate a complete set of output that may include accurate material lists, detailed framing plans, structural drawings, component (roof, wall panel, floor system) design and manufacturing information.

MATERIAL LIST SAMPLE

SQUARING DIAGRAM SAMPLE

WALL ELEVATION PLOTS SAMPLE



Job: PLAN NAME

Boise Cascade
PO Box 65458
Salt Lake City, UT 84165

Scale: 1/4" = 1"

Wall Type: Interior

tbl	Description	Qty	Size & Grade	CR L1
1	bottom plate	2	2x4 DPLF-#18	134
2	top plate	2	2x4 DPL-#2	67
3	king stud	2	2x4 DPL-#2	22
4	end stud	2	2x4 DPL-#2	89
5	trimmer	2	2x4 DPL-#2	82
6	header	2	2x10 DPL-#2	35
7	very top plate	2	2x4 DPL-#2	63



WHY WHOLE HOUSE DESIGN:

Builders are looking to reduce SG&A. BOISE TQBuild™ provides supplemental services for:

- Estimator
- Project coordinator
- Construction manager
- Cost controller
- Purchasing manager
- Designer

Boise TQBuild™

REDESIGNED PLANS AND PROCESSES FOR PRODUCTION BUILDERS:

BOISE TQBuild™ Total Quality Building Practices encompass whole house design, analysis and building logistics to revolutionize the jobsite and the entire building process.

- BOISE TQBuild redesigns plans and processes to improve productivity throughout construction.
- Improves material utilization and removes kinks from the building process.
- Trims cycle times, reducing the \$100/day empty-house cost.
- Increases dealer order size and profits while also improving builder profits.
- Uses Boise EWP's seven Total Quality Building Practices for volume builders.



GREEN BENEFITS:

BOISE TQBuild means more efficient plans, fewer mistakes, less material waste, shortened cycle time and fewer jobsite trips, helping volume builders operate more competitively.

BOISE TQBUILD™ SEVEN TOTAL QUALITY BUILDING™ PRACTICES:

1. Streamline and optimize your plans for improved material utilization.
2. Eliminate waste and strictly control costs.
3. Equip your people with productive new homebuilding tools.
4. Bring factory-like precision and process control to your jobsites.
5. Expertly manage semi-skilled and non-English-speaking crews.
6. Take steps to improve cycle time.
7. Assure an unbroken supply chain of green building materials.

BOISE TQBuild BC 01/2009

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EQUIP YOUR PEOPLE WITH PRODUCTIVE NEW HOMEBUILDING TOOLS:

- BOISE PlansRoom™ online management means better project management.
- Precise material lists reduce material cost and eliminate most waste.
- Precise cut lists save framing time and reduce waste.
- Foundation anchor placement plans locate the home correctly.
- Squaring diagrams start the home off right – square, flat and plumb.
- Sill plate placement plans are accurate to 1/16" to speed construction.
- Detailed field framing drawings to ensure optimized plans are built as designed.
- Roof truss layouts are as precise as all other framing.
- Floor and roof sheathing diagrams save on material and speed construction.
- BOISE TQBuild quantitative analysis documents the cost savings.



Boise Cascade
Engineered Wood Products

Boise TQBuild™

TOTAL QUALITY BUILDING PRACTICES™