TEST DemoHome | SYNTHETIC SAMPLE—NOT FOR ORDERING OR CONSTRUCTION

Section	Product	Size	Stock length	Qty	Unit	Plan ref	Note
1 - FOUNDATION / SILL							
Plates	PT bottom plate, slab bearing	2x4	16'	9	pcs	EXAMPLE S1 (synthetic)	Example: 136 LF x 1.05 / 16 = 8.925; round to 9 pcs. All walls on slab.
2 - MAIN FLOOR WALLS							
Studs	Main wall studs, full-length	2x4	8'	134	pcs	EXAMPLE A1 (synthetic)	Example layout: 107 regular + 8 backing + 4 kings + 4 jacks + 4 cripples = 127; x1.05, round up.
Plates	Main double top plates	2x4	16'	18	pcs	EXAMPLE S1 (synthetic)	Example: 136 LF x 2 x 1.05 / 16 = 17.85; round to 18 pcs.
Headers	Main door headers, two-ply	2x8	8'	2	pcs	EXAMPLE S1 (synthetic)	Example only: two openings, each 3 ft RO; four 3 ft 3 in pieces cut from two 8 ft boards. Sizing not designed.
Sheathing	Wall OSB panels	7/16 in	4x9	32	sheets	EXAMPLE A1 (synthetic)	Example: 938 SF rectangles + 96 SF gables = 1,034 SF; /36 x1.10 = 31.59; round to 32. No opening deductions.
2A - MAIN FLOOR HARDWARE / TIE-DOWN							
Anchors	Main slab anchor bolts	1/2 x 10 in	each	24	ea	EXAMPLE S1 (synthetic)	Example schedule: six anchors per exterior wall, four walls; 24 total. Not a code-derived spacing.
Connectors	Main header framing connector	Example type	each	4	ea	EXAMPLE S1 (synthetic)	OPEN: example selection unresolved; two header ends per opening. No connector model approved.
3 - ROOF FRAMING / SHEATHING							
Sheathing	Roof OSB panels	7/16 in	4x8	28	sheets	EXAMPLE R1 (synthetic)	Example: 768 SF x sqrt(1+(4/12)^2) = 809.54 SF; /32 x1.10 = 27.83; round to 28.
Trim	Roof fascia, two eaves	2x6	16'	5	pcs	EXAMPLE R1 (synthetic)	Example: two 32 ft eaves = 64 LF; x1.05 /16 = 4.2; round to 5 pcs. No rake fascia in this example.
4 - MAIN FLOOR FASTENERS							
Fasteners	Paslode framing nails	16d common	2,000/box	2	box	EXAMPLE S1 (synthetic)	Example connection schedule totals 2,400 nails; /2,000 = 1.2, round to 2 boxes. Compatibility not specified.

Building SF

Area	Stated SF	Source	Measured SF	Note
Finished / main	768	EXAMPLE A1	768	Synthetic 24 x 32 ft
Garage / covered / unfinished	0	EXAMPLE A1	0	None in example
Footprint / under roof	768	EXAMPLE A1	768	No overhangs in example
Roof plan	768	EXAMPLE R1	768	Synthetic rectangle
Roof sloped	809.54	EXAMPLE R1	809.54	4:12; factor 1.054093

Wall LF summary (numbered list in workbook, tab Wall LF)

Group	LF
Main exterior / sheeted	112
Main interior / non-sheeted	24
Total wall LF	136
Example perimeter 2 x (24+32)	112

Assumptions

- SYNTHETIC SAMPLE—NOT FOR ORDERING OR CONSTRUCTION. All dimensions, references, counts, products and selections are made-up example data, not a real plan takeoff.
- Plan set: DemoHome synthetic basis; EXAMPLE A1, S1, R1, revision EXAMPLE-01 dated 11/07/2026. These identifiers are not real sheets; no plans were measured or verified.
- Trades included: example slab sill, main wall framing, sheathing, roof sheathing, fascia, main-floor hardware and fasteners. This illustrates delivery format, not a complete construction package.
- By others: roof truss package, engineered design, other trades and assemblies not listed. Slab-on-grade example has no framed floor, stairs, garage, decks or balconies.
- Waste basis: 5% studs, plates and eave fascia; 10% sheathing; headers include stock-cut remainder; hardware and nails rounded to package with no added waste. Stock rounding is additional.
- Code edition: not assigned; synthetic model only. No jurisdiction, engineering or code-compliance verification is claimed.
- Not engineering, not a price guarantee; buyer verifies quantities before ordering.
- Our own errors reported within 30 days are fixed free. One minor plan revision (under 10% of any trade's quantities) within 30 days is included; bigger revisions are quoted.
- Example basis: 24 x 32 ft main rectangle; one 24 ft partition; full 8 ft studs plus three 1.5 in plates = 8.375 ft wall height. Two 3 ft door openings; no windows or overhangs. Two 24 ft gable triangles rise 4 ft; 96 SF total.
- OPEN: connector type and fastener compatibility deliberately unresolved for this example; the yellow line shows how an unresolved item is communicated. No ordering authorization.