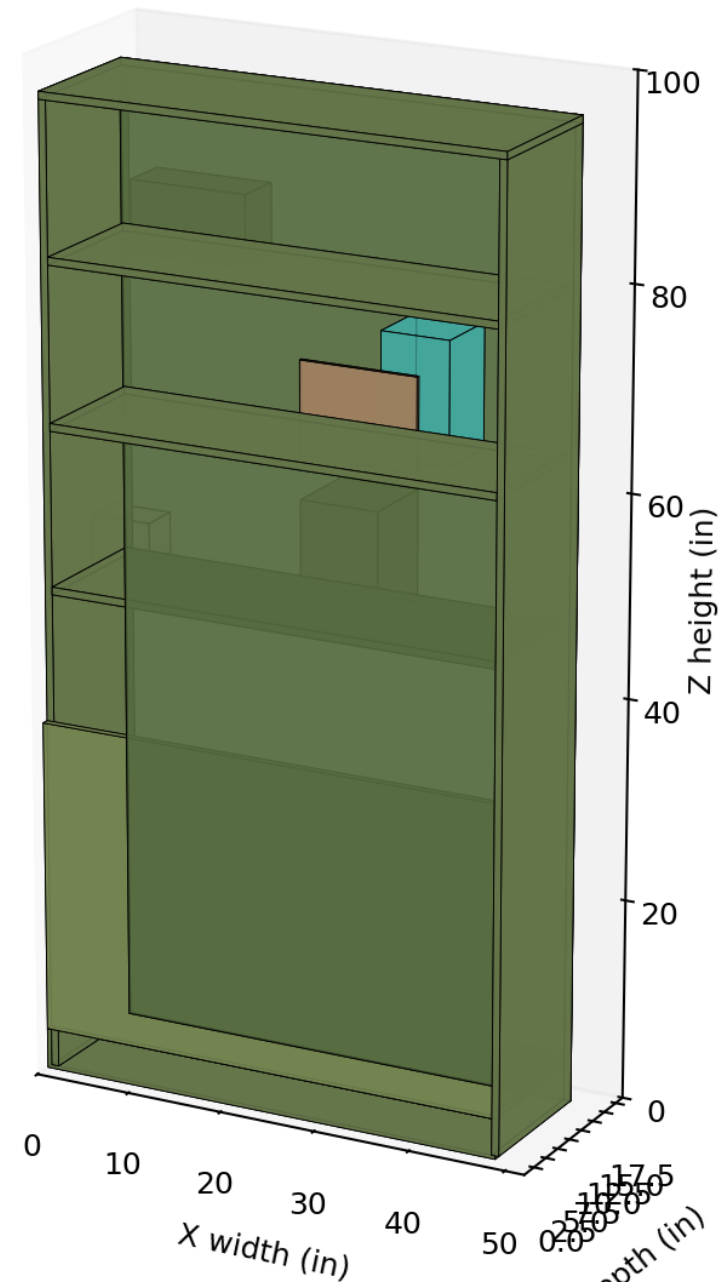


DEL-006 3D Model Overview and Coordinate Basis

Front-facing isometric 3D review view



GRAPHIC LEGEND

- Construction solids
- Backing panel
- Doors / face frame
- Hardware envelope
- Decorative proxy
- Glass proxy
- Book proxy

MODEL BASIS

Origin: lower-left-front corner of approved envelope.
Axes: X width left-to-right; Y front-to-back; Z upward.
Construction bbox: 48 x 16 x 96 in (1219.2 x 406.4 x 2438.4 mm).
STEP is neutral B-rep geometry; native parametric history is not preserved.

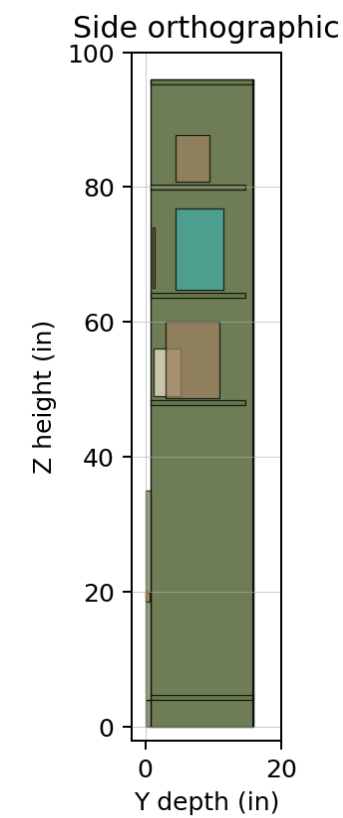
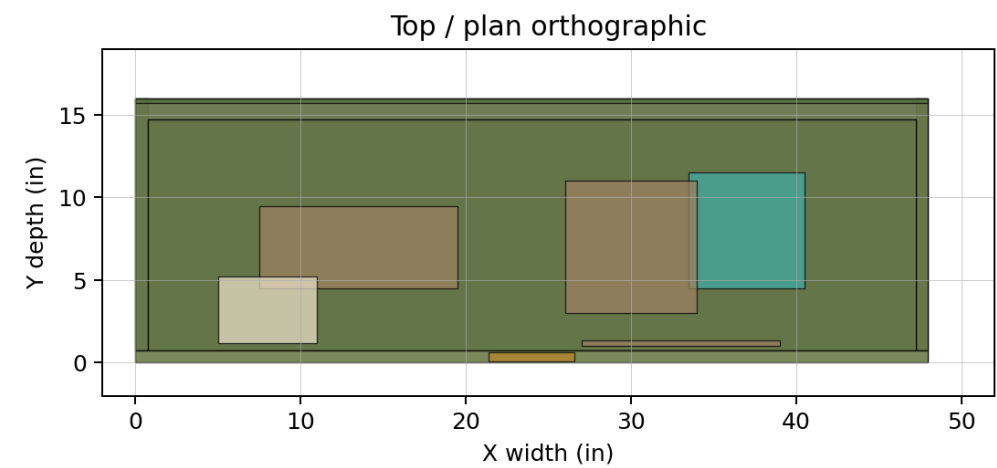
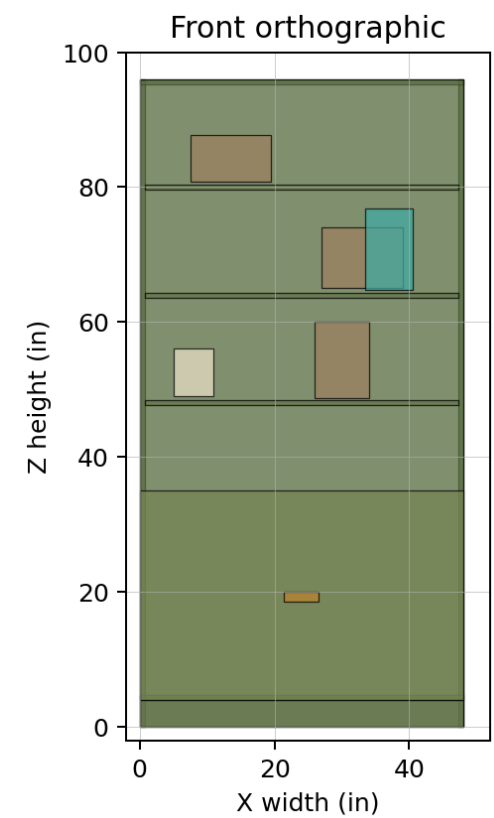
VISIBILITY PROOF

Construction, backing, doors, knobs, shelves, and decor proxies are visible in overview/cutaway.
Every scheduled class appears in at least one PDF view.

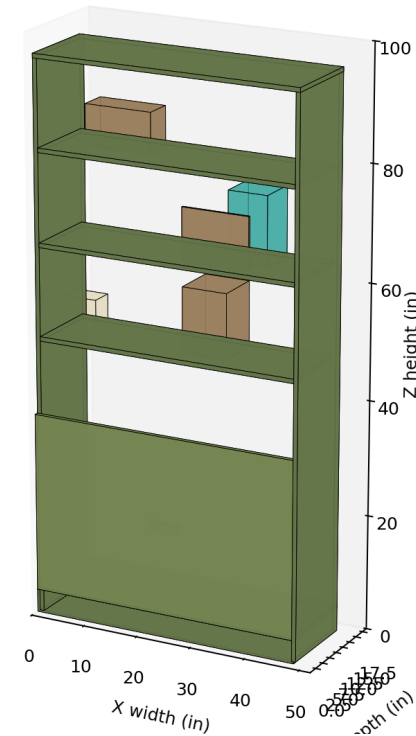
The Decor Nest

Deep Olive Alcove Shelving Beside a Wood-Burning Stove
DEL-006 | Rev A | STEP 3D model review
Primary model unit: inches; STEP storage unit: millimetres
Prototype/design model - not site verified

Coordinated Views: Front, Top, Side, and Cutaway



Front-facing isometric 3D review view - backing hidden for cutaway



PRINCIPAL DIMENSIONS

DIM-PA-001 overall width: 48 in (1219.2 mm)

DIM-PA-003 overall depth: 16 in (406.4 mm)

DIM-PA-002 overall height: 96 in (2438.4 mm)

DIM-PA-010 shelf depth: 14 in (355.6 mm)

DIM-PA-008 backing thickness: 0.25 in (6.35 mm)

DIM-FV-001 36 in / 914.4 mm stove guidance is NOT modeled as physical geometry.

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Deep Olive Alcove Shelving Beside a Wood-Burning Stove

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Component Schedule and STEP Validation

MODEL / COMPONENT SCHEDULE

ID/Class	Component or grouped occurrence	Qty	Representation	Evidence/status
CMP-001	Carcass panels, top/bottom decks, shelves	7	solid construction	prototype DIM basis
CMP-002	Beadboard backing panel	1	solid construction	prototype DIM basis
CMP-003	Face frame / trim members	5	solid construction	prototype assumption
CMP-004	Shaker door rails/stiles/panels	10	solid construction	prototype assumption
PROD-003	Liberty Sundial knob envelopes	2	analytic cylinder proxy	diameter source + proxy depth
DECOR	Stoneware jug proxies	2	analytic cylinder proxy	decor proxy
DECOR	Books / botanical print / demijohn / lamp	9	solid/proxy mix	existing or proxy
EXCLUDED	Actual stove, wall, floor, anchors, wiring	0	not modeled	field verification required

STEP VALIDATION SUMMARY

Protocol: AUTOMOTIVE_DESIGN { 1 0 10303 214 1 1 1 1 }

Length unit: SI_UNIT(.MILLI.,.METRE.)

Raw bbox (mm): (1219.2, 406.4, 2438.4)

Physical bbox (in): (48.0, 16.0, 96.0)

Physical bbox (mm): (1219.2, 406.4, 2438.4)

Imported solids / shells / faces: 37 / 37 / 207

Positive volume solids: True

External refs / mesh substitutes: none detected by text/entity audit

ANALYTIC GEOMETRY AUDIT

ID	Component	Saved entity	Req radius	STEP unit	Re-import physical value	Req/Found	Status
AG-001	PROD-003_LIBERTY_SUNDIAL_KNOB_*	CYLINDRICAL_SURFACE	0.6875 in	mm	17.4625 mm / 0.6875 in	2/2	PASS
AG-002	DECOR_PROXY_STONEWARE_JUG body	CYLINDRICAL_SURFACE	2.5 in	mm	63.5 mm / 2.5 in	2/2	PASS
AG-003	DECOR_PROXY_STONEWARE_JUG neck	CYLINDRICAL_SURFACE	1.0 in	mm	25.4 mm / 1.0 in	2/2	PASS
AG-004	DECOR_PROXY_GREEN_GLASS_DEMIJOHN bod	CYLINDRICAL_SURFACE	3.5 in	mm	88.9 mm / 3.5 in	1/1	PASS
AG-005	DECOR_PROXY_GREEN_GLASS_DEMIJOHN nec	CYLINDRICAL_SURFACE	1.1 in	mm	27.94 mm / 1.1 in	1/1	PASS
AG-006	DECOR_PROXY_TABLE_LAMP_BASE	CYLINDRICAL_SURFACE	2.0 in	mm	50.8 mm / 2.0 in	1/1	PASS
AG-007	DECOR_PROXY_TABLE_LAMP_SHADE	CYLINDRICAL_SURFACE	4.0 in	mm	101.6 mm / 4.0 in	1/1	PASS

ASSUMPTIONS, PROXIES, EXCLUSIONS

- Prototype dimensions follow DEL-005, not measured site data.
- Decorative objects are simplified bounding/proxy geometry.
- Knob diameter is represented; exact knob profile is not manufacturer-modeled.
- Actual wall, stove, flue, anchors, shelf loading, and wiring are excluded.
- Combustible clearances require stove manual/local code before real build.

COMPATIBILITY NOTE

STEP can be imported by many STEP-capable CAD tools, such as SolidWorks, Fusion, FreeCAD, Rhino, and Onshape.

No specific application is required by this workflow.

The Decor Nest

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Prototype/design model - not site verified