



The Corona Fire Department strives to be a professional, progressive, and compassionate organization that sets the standard for excellence through service, dedication, and commitment to the community; *through Training!*



Corona Fire Department

735 Public Safety Way

Corona, CA 92878

951/736-2220

Purchasing Department

400 S. Vicentia Ave.

Corona, CA 92882

County: Riverside

Contact: Scott Briggs

951/736-2369

Scott.briggs@coronaca.gov

**BID - INVITATION #: NIB 26-010SB
LIVE FIRE TRAINING PROP
FOR CORONA FIRE DEPARTMENT**

31566 Railroad Canyon Road, Suite. 2 PMB# 148, Canyon Lake, CA 92587 714/917-7321

LIVE FIRE TRAINING PROP FOR CORONA FIRE DEPARTMENT:

- Invitation #: NIB 26-010SB
- Bid Posting Date: 09/16/2025 4:32 PM (PST)
- Project Stage: Bidding
- BID Due Date: 10/202/2025 5:00 PM (PST)
- **Advanced Fire Control: SUBMITTED: 10/05/2025 at 1700 (a)**
- Response Format: Electronic
- Project Type: Bid
- Response Types: Line Item,
 - Bid / Price Form Required, **Completed & Attached/Uploaded (C&A/U)**
 - Non-Collusion Declaration required **(C&A/U)**
 - Acknowledgement of Purchase Order Terms and Conditions required **(C&A/U)**
 - Bidder Experience Statement required **(C&A/U)**
 - General Attachments **(Evaluated and Utilized in Bidder Submission)**
- Type of Award: Lump Sum **(understood - will give discount for draw schedule under performance)**
- Categories: 34045 - Fireman Training and Instructional Aids and Materials
34087 - Training Equipment and Supplies Fire and Safety
- License Requirements: <blank>
- Bid Validated: (90) days from the bid submittal deadline
- Liquidated Damages: N/A
- Project Duration: 160 working days (Mon-Fri) from the Notice to Proceed
- Pre-Bid Meeting: No



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DESCRIPTION:



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- Scope of Service - Advanced Fire Control, Container Solutions (AFC) can adhere to the design, fabrication, and delivery into place a custom two-story immediately Dangerous to Life and Health (IDLH) live fire training prop capable of burning Class A materials at the Corona Fire Department Training Site.
- Other Details - We have followed all instructions in the Notice Inviting Bids (NIB) NO. 26-010SB. All items and notices have been read, downloaded, reviewed and followed in preparing All required forms in their entirety and followed the electronic submission instructions as outlined in Planet Bids. AFC has uploaded, individually, all bidder items associated with this NIB.
- Bidder Submission: AFC uploaded on October 5, 2025, at approximately 1700 hours.

Advanced Fire Control is willing to offer a discount for the implementation of a draw fee schedule with photo documentation, written progress reports and inspection by project manager if considered.

LIVE FIRE TRAINING PROP FOR CORONA FIRE DEPARTMENT:

- Floor plans included in this document.
- Committed to furnish and deliver the Live Fire Training Prop.
- Ability to execute the delivery, positioning, and stacking of all containers and walkways in final resting position to allow prop to be bolted together by the City.
- Included in bidder extended price is all heavy-duty bolts, washers, lock washers, spacers, screws, and related materials to assemble, flash and seal the prop.
- Assembly Instructions will be provided, with photos, in a step-by-step manual; Technical Support is available at (714)917-7321. AFC is a local first-responder owned and operated business for on-site assistance as need or wanted.
- Coordinated delivery and stacking will have no impact to other areas or training grounds. AFC will facilitate and accommodate movement, passing and maneuvering as needed at anytime during the delivery and stacking portion of the contract.
- Onsite training for the safe use and care of the prop will be conducted, by CFD scheduling following final assembly and approval.



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LIVE FIRE TRAINING PROP FOR CORONA FIRE DEPARTMENT:

Final Testing and Acceptance:

- AFC has an already established relationship with IDLH training to the CFD; AFC will conduct/facilitate a one-day, 8 hour, “Train-the-Trainer” Course, to twelve firefighters, in the prop that establishes safe burn protocols, with in two-weeks for understanding the operations and care to the prop.
- Not only does AFC have SFT Certified instructors, but have instructors that were on the latest 2019 Instructor-Live Fire: Fixed Facility and Acquired Structure Re-writes under SFT. We have an IDLH training business that has conducted thousands of hours in IDLH instruction since 2011.
- AFC founded in 2011 and built its first prop in 2012; this prop was donated to the California Training Officer’s Association in 2013 where it has been utilized for the annual symposium for 12 years, training over 1600 firefighters. AFC separated the training and prop businesses in 2022 for tax and liability distribution. It has run under the same name and ownership while separating the EIN’s in 2022.
- AFC has successfully facilitated IDLH training prop projects that have ranged from 50,000.00 to 1.8 million dollars across the Western United States. Our projects within the 250 mile radius have been listed on the required form.



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Final Testing and Acceptance:

- AFC estimates it will have the prop ready for delivery within 120 calendar days from time of “Notification to Proceed.” But guarantees delivery by project deadline as outlined.
- Warranty is guaranteed for the period of five (5) years as per our warranty statement. This shall include all fabrication and materials that are kept within NFPA 1403 regulations and not used outside of intended purpose or scope of use as stated in NIB.
- AFC understands the modern fire environment and first responder training needs. Our burn rooms are built to last under normal use, appropriate crib (fuel) size, and maintained energy release time of the instructional cadre. Our insulation is designed to with stand 2300F which is well beyond the needs of safe, coordinated live fire training. We cover the insulation with a floating panel wall to allow durability and interval thermal heating of fire behavior training and fire attack.
- AFC adheres to NFPA 1402 design specification; it shall be the responsibility of the City, or its fire department, to conduct regular and annual inspections.
- AFC, under normal setting of containers/prop, will allow a tolerance of +/- 1/2” from level. This to address site preparation being conducted prior by the city for level placement.



BID - INVITATION #: NIB 26-0105B
LIVE FIRE TRAINING PROP
FOR CORONA FIRE DEPARTMENT

LIVE FIRE TRAINING PROP FOR CORONA FIRE DEPARTMENT:

General Specification of Performance:

- Five (5) ISO Rated New One-Trip 40' ISO High Cube Units
- All steel utilized by AFC is American Made Steel
- AFC will follow all size and dimension specified with in the NIB
- OSHA Railings will be 1 ½" x .095 and powder coated "RED"
- All burn rooms have 12"x12'x1' concrete pavers with sand fill
- All cut outs maintain a stem of 12" or greater for structural design
- All hose holes installed will be 8"x8" made from 2"x4"x1/8" steel
- All burn rooms, including associate clean outs, doors and windows, are 3/16" plate with holding tabs
 - These plates rest in a track system which hoses the fire rated insulation of 2300F
- All burn rooms have 5/16" chain system to hold Class A burn Material in place
- Door Assemblies: 36"x80" with 2"x3"x1/8" jamb, 14g stamped pans with strut bracing for handle assembly
- Window Assemblies: 45"x45"x1/8" jamb, 14g stamped pans with strut bracing for handle assembly
- Cleanout Assemblies: 20"x74"x1/8" jamb, 14g stamped pans with strut bracing for handle assembly
- Vent hatch Assembly: 2"x2"x1/8" minimum, cable system for ground operation
- All openings and finishes are solid welded, flashed, or skirted to complete look, infrastructure and safety
- All containers, at knuckles, to include interior flashing and skirt frames will be bolted, per instructions.
 - Exterior knuckles will be Grade 8 - 1" bolts, washer, lock washer and nut as an assembly with ¼" plates.



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LIVE FIRE TRAINING PROP FOR CORONA FIRE DEPARTMENT:

Fabrication: 1st Floor -

- Three (3) ISO Rated New One-Trip 40' ISO High Cube Units
- Four (4) 36" exterior door assemblies
- Three (3) exterior window assemblies (45"x45")
- Three (3) 36" interior door assemblies
- One (1) 14' closed burn room w/ clean out, as specified
- One (1) 16' closed burn room w/ clean out, as specified
- Three (3) hose holes for safety line placement, allows full door control in prop

Fabrication: 2nd Floor -

- Two (2) ISO Rated New One-Trip 40' ISO High Cube Units
- Two (2) 36" exterior door assemblies
- Two (2) exterior window assemblies (45"x45")
- Two (2) 36" interior door assemblies
- One (1) 14' closed burn room w/ clean out, as specified
- Two (2) straight staircase w/ OSHA railing; one with interior flashing
- Three (3) hose holes for safety line placement, allows full door control in prop
- 40 l/f of exterior walkways; 4' wide w/OSHA railing, 4"x4"x 3/16" king posts and 2"x4"x1/8" diagonal braces
 - Frames are 2"x4"x1/8" with 2"x2"x1/8" 2' o.c. bracing covered by 1/8" diamond plate



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LIVE FIRE TRAINING PROP FOR CORONA FIRE DEPARTMENT:

Fabrication: Finishes-

- Paint will be offered at “battleship grey” DTM Acrylic
- All OSHA railing will be powder coated “RED”
- All walkway decks, King Posts, and braces are powder coated “Black”

Photos reviewed in NIB- no issues or challenges noted.

- Site Familiarity: have offered training service to CFD in prior teaching contracts.
- Firefighting Experience: 34 years in the fire service and served as the President of the California Training Officer’s Association, Adjunct Member to “Kill the FlashOver Project” and member of the SFT 2019 Instructor Live Fire Training - Fixed Facility and Acquired Structure Rewrite to include Fire Control 3: Structural Firefighting.
- Served as the City of Anaheim Training Officer, Emergency Manager, and facilitated thousands of hours in fire related disciplines to include building props across the Western United States total over 4 million dollars in project management without lien or judgement. No loss statements are available since incorporation in 2011/2022.



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LIVE FIRE TRAINING PROP FOR CORONA FIRE DEPARTMENT: Two-Story Custom Build 2025



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LEGEND:

- 45' container
- 40' container
- Stairs
- Standpipe
- Anchor
- Door
- Window
- Vent Hatch Control
- King Post
- Hose Hole
- Clean Out

#' Cut-out section l/f

Metal Wall with 1/8" steel one side

Wood Wall w/ 1/2" Hard Surface and 5/8" Drywall both sides

Custom Size Window

VEiS Window

Vent Hatch

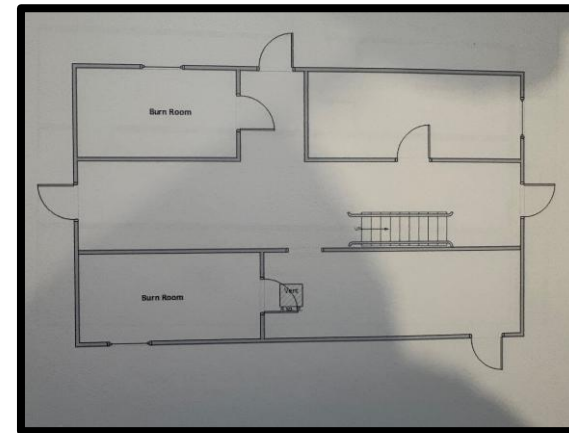
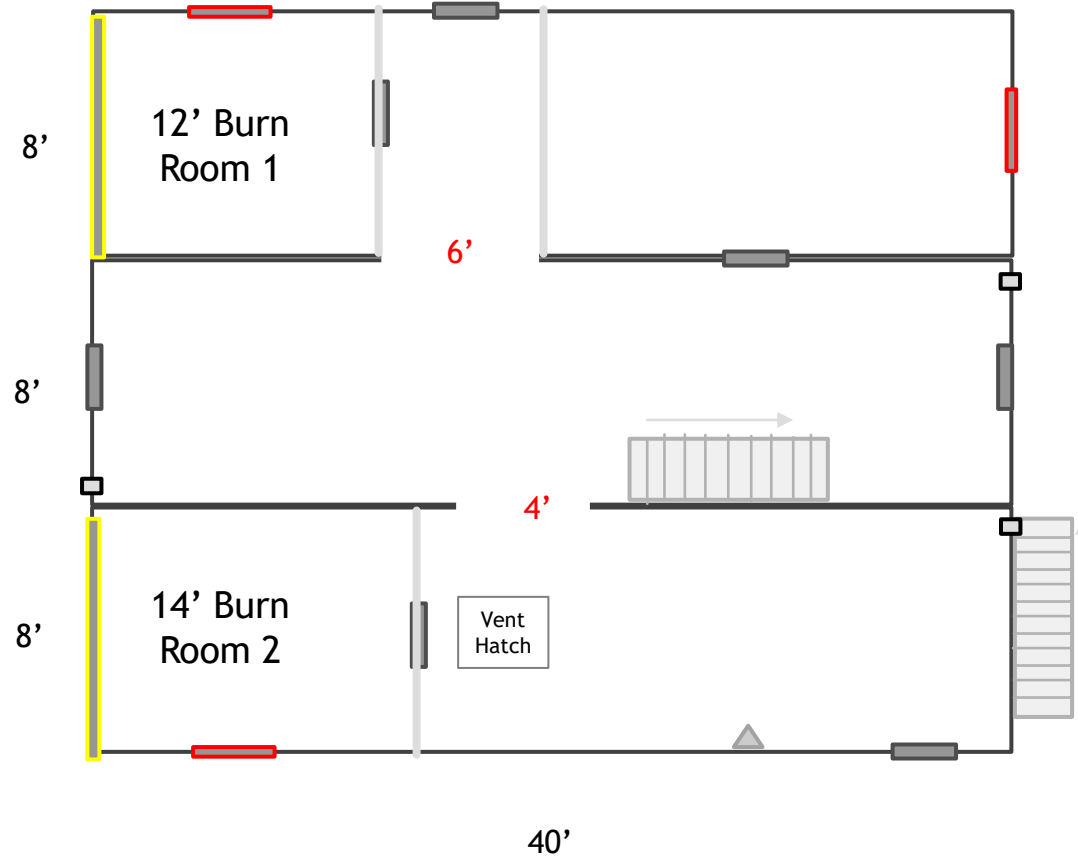
Walkway with 42" OSHA Railing

- 40' container shadow
- Container #
- Point of Contact
- # Number of Container contacts
- Cargo Door Facing

Not to Scale



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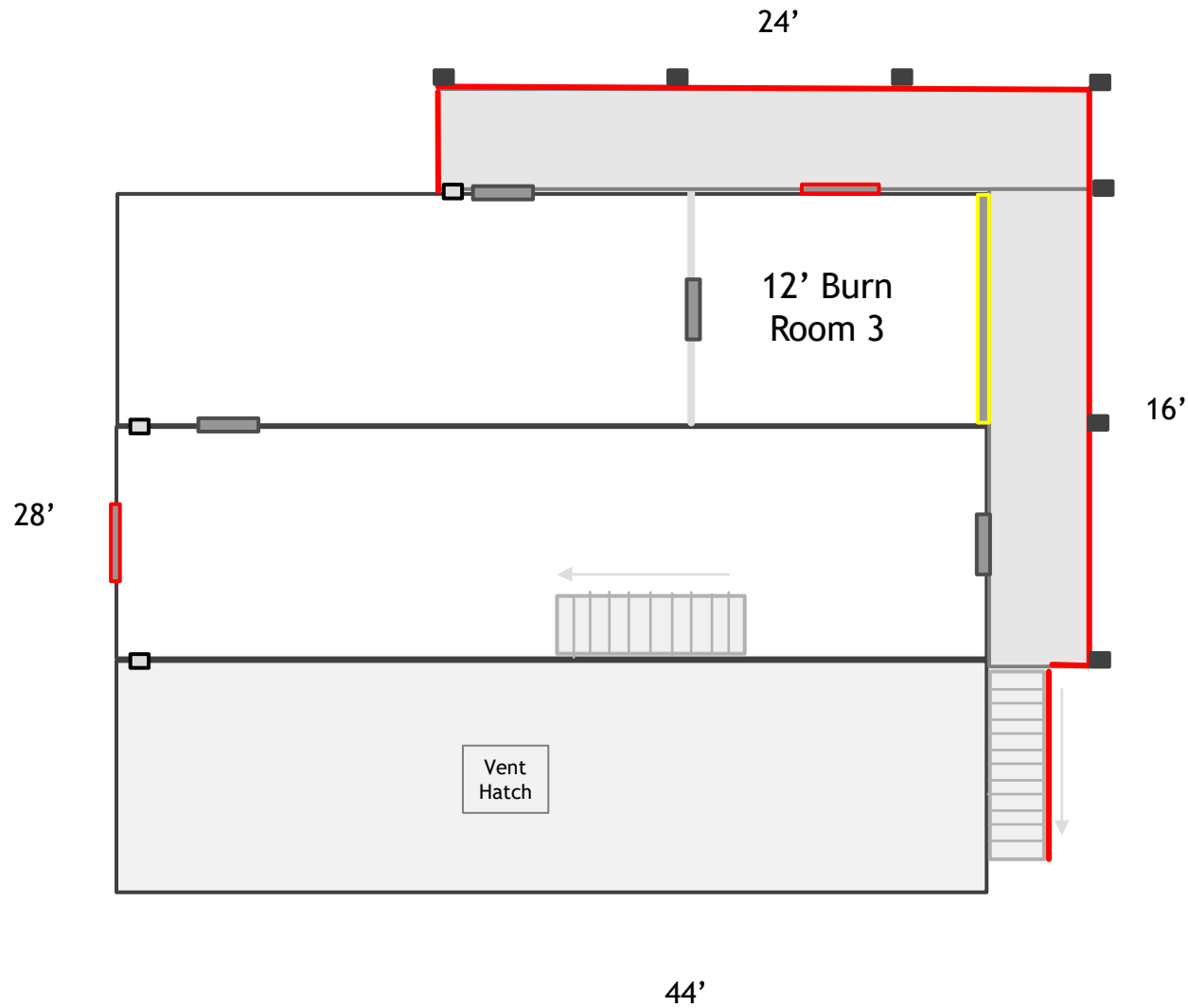


NIB Reference

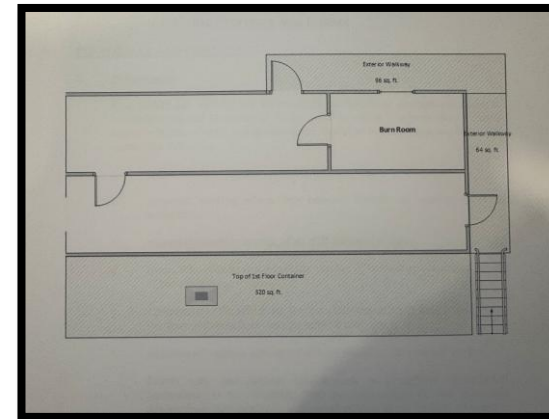
First Floor

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DEPARTMENT:
Two-Story Custom Build
2025

Not to Scale



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LIVE FIRE TRAINING PROP
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NIB Reference

Second Floor

LIVE FIRE TRAINING PROP
FOR CORONA FIRE
DEPARTMENT:
Two-Story Custom Build
2025

Not to Scale



General Notes -

Utilized Layouts/Drawings provide:

- Door / Window Orientation
- Floor Plans
- Door Swings
- Cut Outs
- Staircase Placement / Orientation
- Burn Room Orientation



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Roof - No Access

LIVE FIRE TRAINING PROP
FOR CORONA FIRE
DEPARTMENT:
Two-Story Custom Build
2025

Not to Scale



Legend:

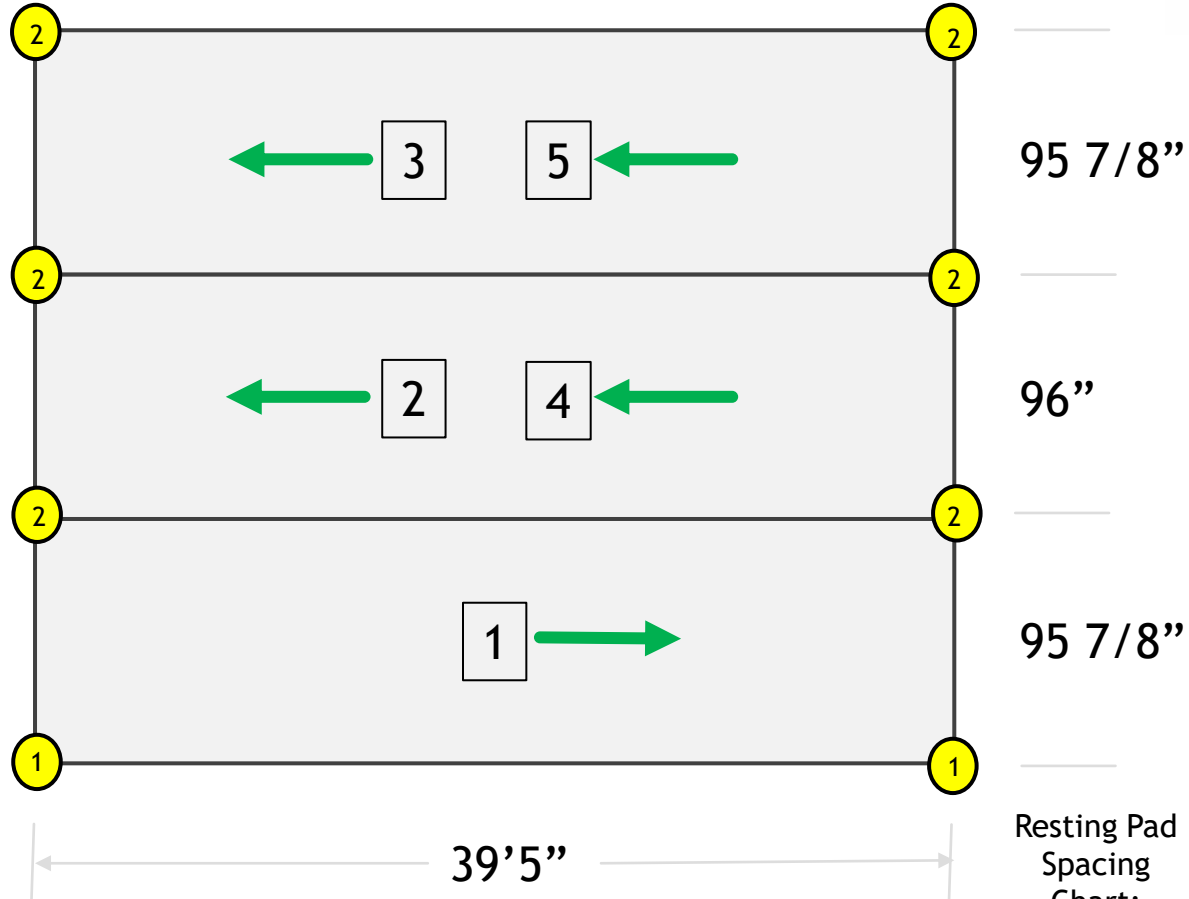
40' container shadow

1 Container #

● Point of Contact

Number of Container contacts

↓ Cargo Door Facing



95 7/8"

96"

95 7/8"

Resting Pad
Spacing
Chart:
Centerline

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LIVE FIRE TRAINING PROP
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Two-Story Custom Build
2025