HUD vs. MOD

ROOFS

MOD requires (engineered) trusses, results in much larger truss members

HUD Allows tested trusses

MOD require wood to wood contact over mate walls and exterior walls

MOD requires 2 layers of shingle undelayment for roofs pitch less than 4/12

HUD allows one layer of shingle underlayment for any roof pitch.

INSULATION

MOD off frame R-30 Batten Insulation (Shipped Loose)

MOD off frame R-30 Blanket down center (3 layers R-11) with batt. from premier rail to I beam (3 layers R-11)

HUD R-22 Blanket down center (2 layers R-11) with batt. at premier rail to I-beam (2 layers R-11)

HUD/MOD Roof R-33 Blown

WINDOWS

MOD built heavier to meet a design pressure rating

MOD some areas require

MOD 2017 NEC requires TI-28 Argon windows

FLOORS

MOD (STD) Off frame 2x10 joist with DBL permitter rails and joist hangers at mateline (23/32 OSB)

HUD/MOD on frame 2x6 floor joist (28 wide), 2x8 joist (32 wide) 2/SGL perimeter rails (19/32 OSB)

ELECTRICAL

MOD require Arc fault protection (GFCI) breakers (HUDs do not)

MOD requires Carbon monoxide detectors in main living area

HUD requires only if home gets gas appliance (depending on location)

MOD require tamper resistant 15&20 AMP receptacles

MOD moisture proof requires tamper-resistant at all porch locations

CODES

MOD built to state and local code

HUD Label per floor & permanent chassis required to stay on home

PLUMBING

MOD require 1” inlet lines in some areas on a state by state basis

MOD require cutoffs on water heater in some areas

MOD require water hammers on all appliances with mechanical water cutoffs

MOD require lead free brass fittings

HUD can use poly-alloy fittings

MOD require 2”minimum plumbing drops on all fixtures

MOD require 1-1/2” minimum plumbing drops on all fixtures

MOD require a minimum of one, 3” VTR (vent-thru-roof)

MOD require radon pipe in West Virginia

PLUMBING FIXTURES

MOD require special water heater with faster recovery rate (GA)

MOD require special commode 1.28 gal. flush some sates (GA)

MOD require overflows on all tubs

MOD special 48” shower w/no seat

EXTERIOR WALLS

MOD single 2x4 botom plate, DBL 2x4 top plates

HUD single 1x4 bottom plate, single 2x4 top plates

MATE WALLS

MOD single 2x4 bottom plate, DBL 2x4 top plates

HUD single 2x4 bottom plate, single 2x4 top plates

INTERIOR WALLS

MOD single 2x4 bottom plate, single 2x4 top plates

HUD single 2x4 bottom plate, single 2x4 top plates

HVAC AND DUCTING

MOD Off Frame R-8 main duct wrap W/R-8 flex duct

HUD/MOD on frame R-4.2 flex duct (Inside insulated envelope of home)

HUD range hood must be ducted to outside of home (Charcoal filter can be used on MOD)

MOD require heaver gauge duct metal

MODs require jump duct when return air going through kitchen

NORRIS

Marlette® TENNESSEE

Clayton® bean station

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