

FEDERAL EMERGENCY MANAGEMENT AGENCY
ALTERNATIVE MHU INSPECTION CHECKLIST

1. FEMA Unit Identification Number				2. Date of Inspection			
3. Serial Number		4. Location		5. Barcode		6. Temperature and Climate conditions	
7. Printed Name of Exterior Inspector				8. Signature of Exterior Inspector		9. Date	
10. Printed Name of Interior Inspector (if same as Exterior Inspector print, "Same")				11. Signature of Interior Inspector		12. Date	
13.		Recommendation:		14. Final Acceptance (Signature and Print Name)			
		<input type="checkbox"/> ACCEPT unit					
		<input type="checkbox"/> DENY unit					
15. Unit Details		16. Unit Type		17. Appliances			
	<input type="checkbox"/>	Manufacturer		Type	Manufacturer	Model	Serial No.
1 Bedroom	<input type="checkbox"/>			Furnace			
2 Bedroom	<input type="checkbox"/>	Model		Range			
3 Bedroom	<input type="checkbox"/>			Microwave			
	<input type="checkbox"/>	Vendor		Refrigerator			
				A/C			
		Year		Water Heater			
18. HUD Number:						19. # of Brake Axles:	

- Indicate with an X in the Pass or Fail column if the unit passes or fails the requirement.
- When a failure is identified describe briefly in the "Notes" column.
- Exterior inspection - Use the attached diagram page. Circle the failed area on the diagram and write the line item number by the circle.
- Interior inspection - Attach a copy of the floor plan to this checklist. Circle the failed line item location on the floor plan and write the line item number by the circle.
- Transportation Test Report Form (See FEMA NextGen MHU Performance Requirement document) is to be completed, dated, and signed by FEMA inspector.
- Completed transportation test form shall be attached to this checklist.
- If Exterior and Interior Inspector are the same person, then write "Same" in 10-12.

EXTERIOR				
Chassis / Fasteners				
Line Item No.	Inspection Item Description	Pass	Fail	Notes
20	Tires are free from cracks, cuts, gouges, bumps or any tread or sidewall separation. No tire belts or plys exposed through the tread or sidewall of tire. Thread depth must be equal to or greater than 8/32".			
21	Rims do not have any gouges or cracks. Axle drums do not have any missing threaded studs or nuts.			
22	All axle "Zerk" grease fitting covers present.			
23	All axles have no visual structural damage, being bent or rust.			
24	Brake axle wiring harness does not have exposed wires and can be reconnected to another towing vehicle.			
25	Under the axle leaf springs have no visual structural damage or visual sagging.			
26	No missing bolts and/or nuts from the Axle mounting U-Bolts, Equalizer links, Equalizer and Spring hangers.			
27	8 Wide Express - Battery Box mounted to hitch assembly with battery. Battery shows no signs of leakage.			

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Line Item No.	Inspection Item Description	Pass	Fail	Notes
28	Bottom board tire blowout protection in place above axles, both sides without visual damage.			
29	All chassis components free from visual damage (i.e. flange bent on I-Beam, cross members, outriggers, etc.), painted and without rust.			
30	Chassis component welds are not cracked. Weld slag is removed.			
31	Front and rear headers have 10 lags evenly spaced along top of I-Beam header. Lags are tight and cannot be moved with hand.			
32	All lag clips welded to chassis I-Beam have lag screws and cannot be moved. (lag clips in axle area are on the inside face of the main I-beam)			
33	Longitudinal brackets located on bottom of main I-beam per DAPIA approved chassis drawing. Welds are not cracked, slag removed and no rust.			
34	14 Wide Furnace only - 3" dia. X 6" PVC protective sleeve pipe friction fitted into rear header.			
35	14 Wide Furnace only - A/C lines and electrical conduit for exterior A/C condensor at rear of MHU show no wear or rubbing.			
36	14 Wide Furnace only - A/C condensor with hold down clips, vibration damping pad and protective cover secured tight and no signs of transportation wear or rubbing.			
37	8 Wide Express - Exterior TPS Water Connection - On right side, approximately 8 feet from rear end of MHU, 1 1/2" male cam locking fitting with locking dust cap, extended thru bottom board.			
38	8 Wide Express - Sprinkler Drain - On right side, approximately 8 feet from rear end of MHU, 1" black iron drain pipe and dust cap, extended thru bottom board to exterior perimeter of MHU.			
39	8' Wide Express - The external power supply for external TPS system shall be 1) a female IEC 60 309-2 International pin and sleeve connection, 2) located on rear of MHU 24" in from the road side of the MHU and 3) 12" up from the bottom of the exterior siding.			
40	Suspension system components installed with locking nuts or lock washers.			
41	All exposed surfaces of entire frame are painted and no rust observed.			
42	NEMA rated electrical service entrance junction box mounted to floor joist or I-beam.			
43	Junction box is rated NEMA 3 or better and within 10' of curbside rear of unit without blocking exit. Minimum size for junction box is 12" x 12" x 4."			
44	3/4" main water inlet 1) located within 12" of the curb side of the MHU, 2) note more than 6" below the bottom board, 3) has cap and 4) master shut off valve installed.			
45	Heat tape receptacle has weather proof cover and is within 24" of the the water inlet.			
46	Drain line drop location is not less than two feet (2') but not more than three feet (3') in front the first axle from the front of the MHU.			
47	Drain line drop shall 1) protrude at least six inches (6"), but not more than eight inches (8"), from the bottom board, 2) shall have a threaded end, and 3) be capped with a removable plastic cap and chain.			
48	Bottom board is 1) secured, 2) without exposed tears or rips and 3) access panels have identification label and are secure to bottom board.			
49	Bottom board repair of tears and/or rips is secure to bottom board anot hanging down. No exposed insulation.			
50	Low point drain in water lines with shut-off valves shall be located above bottom board and insulation. Access panel provided, labeled as "Low Point Drain".			
51	Cable TV and telephone junction boxes are located within 4 feet of the road side rear of the MHU.			

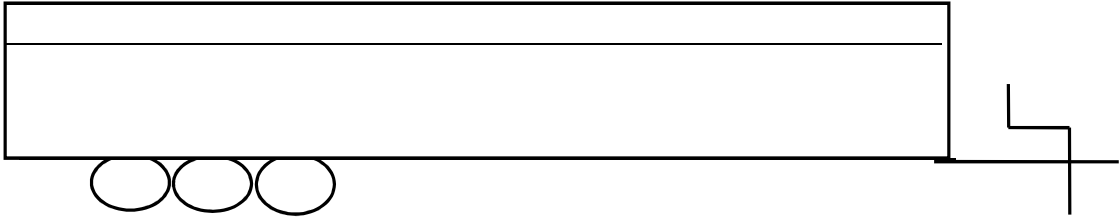
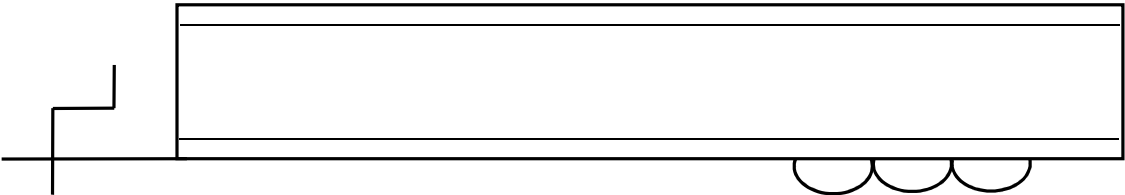
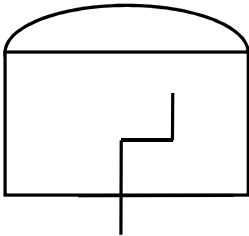
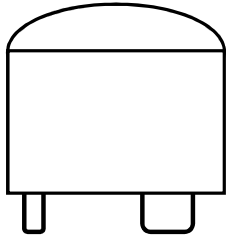
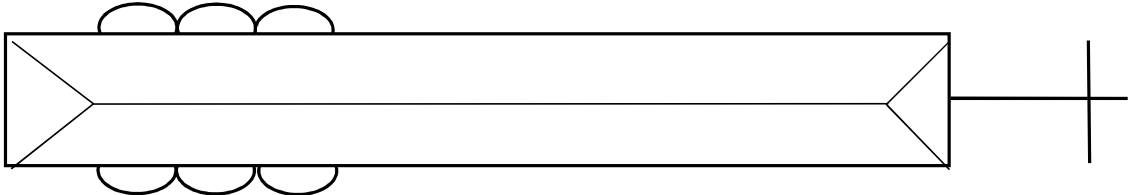
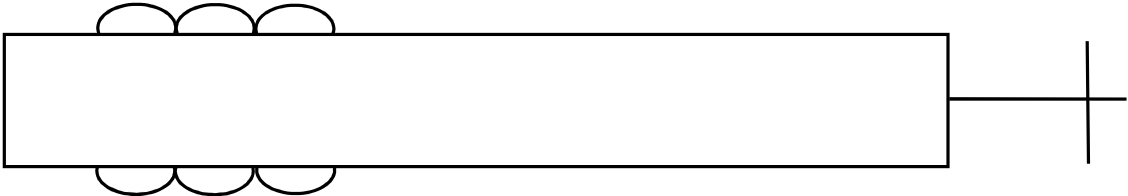
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Line Item No.	Inspection Item Description	Pass	Fail	Notes
Hitch Assembly				
52	12" I-beam hitch assembly welded (not bolted) to MHU chassis.			
53	Hitch assembly centered across front header.			
54	Each hitch I-beam welded to front cross member at two locations.			
55	Each hitch I-beam welded to frame I-beam at two locations.			
56	All hitch welds are continuous, without slag and painted with rust preventative paint.			
57	Nose plate installed at front of hitch.			
58	12" I-Beam hitch reinforcement members located directly underneath front header and 1/2 the distance between the frame front header and the coupler.			
59	Coupler is welded to hitch I-beam continuous, without slag and painted with rust preventative paint.			
60	Screw jack is top mount and has a galvanized coating.			
61	Drawbar is painted Green (indicating CONUS Unit).			
MHU Identification				
62	HUD label placed on roadside rear elevation of MHU.			
63	Vendor MHU serial number stamped on front header shall be clearly legible.			
64	Vendor MHU serial number shall also be stenciled in white or contrasting color, 2" tall on the hitch. Serial number shall match serial number recorded on the HUD data plate.			
65	FEMA MHU number placed on exterior left front corner 3" from the bottom of adjacent roof eave and no more than 3" from left edge of unit. Black letters are 3" in height, on white background and made of reflective material.			
Walls				
65	Vinyl siding is: 1) light gray color and 2) double 4" lap configuration.			
66	Soffit, trim, fascia, J-channel shall be white or same color as the vinyl siding.			
67	Trim above doors shall not have weep holes or joints.			
68	All exterior wall penetrations, such as windows, doors, etc., are caulked to prevent air and moisture penetration.			
69	Left and Right side elevations shall have tie down brackets no more than 2' from each end and spaced at: 8' Wide Express - 4'-0" maximum. 14' Wide MHU's - 5' - 4" maximum.			
70	Kitchen window - Fixed 30" x 27" window.			
71	All windows, except Kitchen window, are 30" x 60" windows.			
72	All windows have certification label stating 1) Dual pane, 2) Low E, 3) SHGC = .30, 4) U Value = .36 or less and 5) Design Pressure = 58 or greater.			
73	Exterior entry doors are: 1) 36" x 80", 2) hinged toward front of MHU, and 3) do not swing into windows when doors are fully opened.			
74	Exterior entry doors shall have: 1) a peephole 5' 3" +/- 1/2" from finished floor and 2) a peephole 3' 7" +/- 1/2" from finished floor. (TPS doors do not require a peephole.)			
75	All exterior entry doors shall have: 1) lever handles with a key lock and 2) key operated dead bolt. Keys shall be master keyed.			
76	All exterior doors shall have: 1) a UFAS threshold that does not exceed 1/2" in height, 2) vinyl bulb primary seal 3) a secondary vinyl weather strip.			
77	The two exterior entry doors are not be on the same side.			

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78	Exterior light is 1) located on the lever side of all exterior doors and 2) light fixture cover is weather tight (i.e. caulked or foam gasket).			
79	Exterior duplex receptacle shall have: 1) weatherproof cover, 2) labeled GFCI, 3) mounted on the lever side of the left side entry door and 4) 6" +/- 1" above the finished floor line.			
80	Frost free hose bibb located on left side of MHU, near exterior entry door.			
81	Exterior HVAC components (i.e. Packaged System or AC condensor) have galvanized protective cover that is not damaged.			
82	Provided package system or A/C unit size per FEMA drawing package.			
83	Package System MHU's - System installed on curb unit to minimize vibration and sound transmission.			
84	Exterior GFCI receptacle with weatherproof cover located next to exterior HVAC component.			
85	Transponder Sled - 1) Sheet Metal with Powder Coating matching vinyl siding or white, 2) Mounted on vinyl siding jumbo mounting block, 3) Located on right side hitch end, 4) 24" +/- 2" from front end of MHU and 30" +/- 2" up from bottom of vinyl siding. See Appendix A, Page A-32.			
86	OSB transportation strips at 48" oc on both sides of MHU in the first 10' are in place and without damage.			
87	Water heater pan drain and T&P valve drain run to exterior perimeter of MHU with stainless steel insect screen.			
88	Dehumidifier drain 1) installed in kitchen/dining area per location shown in FEMA Drawing Package and 2) ran to exterior perimeter of MHU with stainless steel insect screen at drain outlet.			
89	8' Wide Express - Sprinkler System - On right side, approximately 8 feet from rear end of MHU, fire sprinkler inlet label on vinyl siding stating, "Fire Sprinkler Connection".			
90	8' Wide Express - The external power supply for external TPS system shall be 1) a female IEC 60 309-2 International pin and sleeve connection, 2) located on rear of MHU 24" in from the road side of the MHU and 3) 12" up from the bottom of the exterior siding.			
91	8' Wide Express - Transportation lighting installed per FEMA drawing package.			
Roof				
91	Roof shingles are white or light colored composition shingle.			
92	Metal drip edge at eave and rake end of MHU shall 1) be white, 2) not bent or sticking out from fascia, 3) have no joint above doors or windows and 4) be flush against next drip edge at joint.			
93	Roof penetrations capped with a galvanized metal cap.			
94	Perforated soffit vent continuous at eave the length of the MHU, both sides.			
95	Ridge Vent centered on length of MHU.			
96	Galvanized rain diverter located above all exterior doors 3 shingle courses above metal drip edge. See Appendix A, Page A-30.			
97	Front wind diverters at hitch end of roof in place and without damage.			
98	Plastic wrap over the first 10 feet of shingles from the hitch end in place and without damage.			
99	No shingles damaged or missing on roof.			
100	No exposed shingle fasteners.			
101	Bathroom Vent Through Roof (VTR) flashed and sealed.			
102	Bathroom Exhaust fan vent flashed and sealed.			

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Line Item No.	Inspection Item Description	Pass	Fail	Notes
Mark Location of Exterior Failures				
54	Left Side (Curb Side)			
				
55	Right Side (Street Side)			
				
56	Front			
				
57	Rear			
				
58	Roof			
				
59	Undercarriage			
				

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Line Item No.	Inspection Item Description	Pass	Fail	Notes
INTERIOR				
General				
103	MHU Contact Placard is affixed to the interior side of exterior doors, adjacent to upper peephole. Top of sign not higher than approximately 66" above finished floor.			
104	MHU Contact Placard has white background, black 1" font stating "FEMA Owned & Maintained Unit Contact FEMA at 800-621-FEMA", with space to incorporate the unit's barcode.			
105	Interior ceiling height is seven feet, six inches (7' - 6").			
106	Package System MHU's - Ceiling registers are 8" x 8" with damper.			
107	Access panels for bathrooms and washer/dryer area shall be purchased access panels, similar to Oatley 34056 or equivalent. Gypsum with permanently attached non-plastic edging is not acceptable.			
108	Exterior entry doors have a 30" x 15" interior door mat.			
109	Interior doors are not undercut.			
110	Fire Extinguisher - Located on right side exterior wall adjacent to exterior entry door. Fire Extinguisher bracket shall be secured to wall studs.			
111	Fire Extinguisher - UL listed with a minimum rating of 1A;10:B:C.			
112	UFAS - Fire extinguisher must not protrude more than 4" from wall surface and top of fire extinguisher cannot be 48" above the floor surface.			
113	UFAS - Accessible route requirement: minimum 36" width and a clear headroom of 80" above finished floor. Must connect entry to the living spaces, kitchen, accessible bathroom, accessible bedroom.			
114	Sprinklers installed in all rooms, including the water heater and TPS compartment, per certified sprinkler design.			
115	The following paperwork shall be in the TPS document holder: 1. Sprinkler Certification of Acceptance Test Form - Signed & Dated. (FEMA Spec 25.12.2.5 & 25.14.3). 2. Sprinkler QA checklist. 3. Certified sprinkler design, reviewed by FEMA.			
116	All FEMA labels, as described in the FEMA specifications are installed. The following paperwork shall be in the MHU document holder: 1. Completed Duct Leakage Test - Signed & Dated (FEMA Spec. 26.4). 2. Vendor Installation Manual. 3. Transportation Test Report completed, dated and initialed by FEMA inspector (FEMA Spec. 29).			
Kitchen				
Floor				
117	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
118	UFAS - 30" x 48" clear floor space in front of each appliance.			
Wall / Ceiling				
119	Wall finish - Off white color with egg shell finish.			
120	1/2" x 2" door and window frame molding.			
121	1/2" x 2" crown and baseboard molding.			
122	Wall joints door/window frames and corners (visible or not) are finished (covered with matching molding).			
123	All trim molding is color matched/coordinated to the interior wall finish.			
124	Trim and wall panels are caulked.			
125	Door stops installed on door or wall at entry and closet doors. Door stop finish to match interior hardware.			
126	Full length mini-blinds located at each window.			
Electrical				

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Line Item No.	Inspection Item Description	Pass	Fail	Notes
127	Ceiling mounted lights with 1) 2 LED bulbs per light and 2) non-brakeable globe/cover.			
128	UFAS - All switches mounted at 44" minimum to 48" maximum from centerline of switch to finished floor.			
129	UFAS - All countertop receptacles are furred out to be 24" maximum from front edge of countertop.			
130	All countertop receptacles are 1) GFCI protected, 2) and face plate with GFCI label.			
131	All countertop receptacles are 2' max from end of countertop and no more than 4' between countertop receptacles. Measurement is along the wall the receptacle is located in.			
132	30" minimum range vent hood with light, centered over range.			
133	UFAS - Range hood exhaust fan and light switches are mounted at 44" minimum to 48" maximum from centerline of switch to finished floor.			
134	Dedicated single receptacle that can be plugged in without moving the refrigerator.			
Cabinets and Countertop				
135	MHU entry keys: 1) 3 sets of MHU entry keys (six keys total) located in a kitchen drawer, 2) secured on a rust proof ring or wire and, 3) have a 1 1/2" long identification tag with the MHU serial number on one side and the MHU bar code on the other side.			
136	Overhead cabinets have adjustable 3/4" thick shelves.			
137	Base cabinets, except drawer base and kitchen sink base cabinets, have 3/4" thick fixed shelf.			
138	8' Wide MHU - 24" minimum length of base cabinet.			
139	14' Wide MHU - 36" minimum length of base cabinet.			
140	Cabinetry is securely attached to the walls.			
141	Post formed laminate countertop without joints except at corner.			
142	Backsplash height is 4".			
143	14' Wide MHU - Minimum countertop continuous unobstructed space is 36".			
144	UFAS - Pantry has adjustable 3/4" thick shelves. 50% of the shelves below 48" from the finished floor.			
Appliances				
Refrigerator				
145	18 cubic foot frost free refrigerator/freezer that is ENERGY STAR compliant.			
146	Refrigerator is secured to floor at the front and to at least one wall stud behind it.			
147	UFAS - Refrigerator may be "side by side" or "over and under" door type to have 1) 50% of the freezer space below 54" from the finished floor, 2) 100% of the refrigerator space below 54" from the finished floor and 3) refrigerator and freezer controls below 54" from the finished floor.			
148	Refrigerator receptacle is single receptacle and on a dedicated circuit.			
Range				
149	30" self-cleaning 4 burner range 1) secured to the floor at the front and 2) range manufacturer's anti-tip device installed at the rear.			
150	Range shall have 1) "ON" and "HOT" indicators and 2) oven shall have an internal light.			
151	Range receptacle must be recessed.			
152	UFAS - All controls shall be located on the front of the range.			
153	8' Wide MHU - UFAS - Depth of range from wall cannot exceed 28".			
Microwave				

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Line Item No.	Inspection Item Description	Pass	Fail	Notes
154	Microwave minimum size is 1.2 cubic foot with child lock capable. Located in Bedroom 1 closet for shipping purposes.			
155	UFAS - Over the range combination microwave/exhaust hood is not acceptable.			
Sink				
156	14' Wide MHU - Double bowl sink shall be 1) stainless steel, 2) self-rimming and 3) with faucet and spray nozzle 24" inches in length.			
157	8 Wide MHU - Single bowl sink shall be 1) stainless steel, 2) self-rimming and 3) with faucet and spray nozzle 24" inches in length.			
158	UFAS - Sink depth shall be 6 1/2" maximum.			
159	Secondary shut off valves (one on the hot line and one on the cold line) shall be provided.			
160	Each sink bowl shall have a metal basket strainer assembly.			
Living Room / Dining Area				
Floor				
161	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
162	Floor drain for FEMA provided dehumidifier in dining area.			
163	UFAS - Turning space 60" diameter circle.			
Wall / Ceiling				
164	Wall finish - Off white color with egg shell finish.			
165	1/2" x 2" door and window frame molding.			
166	1/2" x 2" crown and baseboard molding.			
167	Wall joints and corners covered with matching molding.			
168	All trim molding is color matched/coordinated to the interior wall finish.			
169	Trim and wall panels are caulked.			
170	All joints, door/window frames, corners (visible or not) are finished.			
171	Full-length mini-blinds at each window.			
172	Package System MHU's - Ceiling 14x30 Return Air Register.			
173	UFAS - Smoke alarm with strobe light, test button, temporary silencing device and battery backup mounted on ceiling.			
Electrical				
174	Ceiling mounted lights with 1) 2 LED bulbs per light and 2) non-brakeable globe/cover.			
175	UFAS - Living room shall a smoke alarm with strobe light, test button, temporary silencing device and battery backup mounted on ceiling.			
176	UFAS - Wall duplex receptacles mounted at 18" to the centerline of receptacle screw to finished floor. Receptacles shall be spaced no more than 6' from door opening and 12' between receptacles.			
177	One dual telephone jack outlet shall be mounted on the wall at 18" to the centerline of receptacle to finished floor.			
178	One cable television jack outlet shall be mounted on the wall at 18" to the centerline of receptacle to finished floor.			
179	UFAS - Electrical receptacle for TTY must be next to phone jack			
180	14 Wide MHU - Main distribution panel is 1) located beside exterior entry door, 200 amp service, 3) Each circuit breaker usage is clearly identified and legible on the circuit schedule on the main distribution door panel cover, 4) circuit breakers clearly indicate on/off positions and 5) all circuit breakers and main circuit breaker are in the "off" position.			
181	14 Wide MHU - UFAS - The highest circuit breaker in the main distribution panel no higher than 48" above the finished floor.			
182	14 Wide MHU - Water heater circuit breaker is clearly marked, circuit breaker is taped in the "off" position and labeled: "Water Heater: Do not turn on until water service is turned on".			

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Line Item No.	Inspection Item Description	Pass	Fail	Notes
183	8 Wide MHU's - Thermostat - Maximum height 48" above finished floor on interior wall.			
Furniture				
184	8 Wide MHU - The following furniture for the Living Room shall be provided: 1) 1 Love Seat (44" wide x 24" deep) and 2) 1 coffee table (30" long x 18" wide)			
185	8 Wide MHU - The following furniture for the Dining Room shall be provided: 1) 1 dining table (36" long x 24" wide) and 2) 2 matching dining chairs and 3) table and chair legs designed to accept 2" casters.			
186	14 Wide MHU - The following furniture for the Living Room shall be provided: 1) 1 sofa (72" wide x 36" deep), 2) 1 coffee table (30" long x 18" wide), 3) 1 arm chair (36" wide x 32" deep), and 4) 1 end table (12" wide x 12" deep).			
187	14 Wide MHU - The following furniture for the Dining Room shall be provided: 1) 1 dining table (72" long x 36" wide) and 2) 6 matching dining chairs and 3) table and chair legs designed to accept 2" casters.			
Hallway				
Floor				
188	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
189	Entry door has a 30" x 15" interior door mat.			
Wall / Ceiling				
190	Wall finish - Off white color with egg shell finish.			
191	1/2" x 2" door and window frame molding.			
192	1/2" x 2" crown and baseboard molding.			
193	Wall joints and corners covered with matching molding.			
194	All trim molding is color matched/coordinated to the interior wall finish.			
195	Trim and wall panels are caulked			
196	All joints, door/window frames, corners (visible or not) are finished.			
197	Washer water supply and drain connections that are installed shall accommodate standard washer/dryer connections.			
198	Packaged System MHU's Only - UFAS - Hall closet shall have 50% of the adjustable shelf space below 54".			
199	Ceiling mounted light with 1) 2 LED bulbs and 2) non-brakeable globe/cover.			
200	UFAS - Clear width of hallway shall be a minimum of 42".			
Electrical				
201	UFAS - All switches in hallway mounted at 44" minimum to 48" maximum from centerline of switch to finished floor.			
202	8 Wide MHU - UFAS - Dryer receptacle is recessed and 240 Volt dryer plug configuration.			
203	8 Wide MHU - UFAS - Dryer duct connector in interior wall is flush with interior surface of wall and vent cap to exterior is sealed.			
204	8 Wide MHU - Washer duplex receptacle is GFCI protected.			
205	14 Wide MHU - UFAS - Thermostat - Maximum height 48" above finished floor.			
206	14 Wide MHU - Three way switches in both hallways mounted at 44" minimum to 48" maximum from centerline of switch to finished floor.			
Bedroom 1				
Floor				
207	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
208	UFAS - Turning space 60" diameter circle.			

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Line Item No.	Inspection Item Description	Pass	Fail	Notes
209	UFAS - 30" wide x 48" deep clear floor space in front of closet.			
Wall / Ceiling				
210	Wall finish - Off white color with egg shell finish.			
211	1/2" x 2" door and window frame molding.			
212	1/2" x 2" crown and baseboard molding.			
213	Wall joints door/window frames and corners (visble or not) are finished (covered with matching molding).			
214	All trim molding is color matched/coordinated to the interior wall finish.			
215	Trim and wall panels are caulked.			
216	Door stops installed on door or wall at entry and closet doors. Door stop finish to match interior hardware.			
217	Full length mini-blinds located at each window.			
218	Closet door to be 24" wide and have a passage lock.			
219	UFAS - Entry door to be 36" wide (32" clear width when door is open in ninety degree (90°) position.			
220	UFAS - All interior doors shall have lever door handles mounted at 34" minimum and 48" maximum above finished floor.			
221	Package System MHU's - Ceiling 14x30 Return Air Register and filter.			
Electrical				
222	UFAS - Smoke alarm with strobe light, test button, temporary silencing device and battery backup mounted on ceiling.			
223	UFAS - NOAA weather radio with strobe light mounted on wall. Radio and receptacle mounted 44" above the finished floor.			
224	UFAS - Light switch mounted at 44" minimum to 48" maximum from centerline of switch to fininshed floor.			
225	UFAS - Wall duplex receptacles mounted at 18" to the centerline of receptacle screw to finished floor. Receptacles shall be spaced no more that 6' from door opening and 12' between receptacles.			
226	Ceiling mounted light with 1) 2 LED bulbs and 2) non-brakeable globe/cover.			
227	One dual telephone jack outlet shall be mounted on the wall at 18" to the centerline of receptacle to finished floor.			
228	One cable television jack outlet shall be mounted on the wall at 18" to the centerline of receptacle to finished floor.			
229	8 Wide MHU - Main distribution panel is 1) located behind bedroom entry door, 200 amp service, 3) Each circuit breaker usage is clearly identified and legible on the circuit schedule on the main distribution door panel cover, 4) circuit breakers clearly indicate on/off positions and 5) all circuit breakers and main circuit breaker are in the "off" position.			
230	8 Wide MHU - UFAS - The highest circuit breaker in the main distribution panel no higher than 48" above the finished floor.			
231	8 Wide MHU - Water heater circuit breaker is clearly marked, circuit breaker is taped in the "off" position and labeled: "Water Heater: Do not turn on until water service is turned on".			
Furniture				
232	One (1) bed 54" x 75" mattress and box spring placed on assembled bed frame.			
233	8 Wide MHU's - One (1) - 4 drawer dresser (30" W x 18" D x 48" H). Screwed to two (2) wall studs. Drawers banded to dresser frame.			
234	14 Wide MHU's - One (1) - 4 drawer dresser (48" W x 18" D x 48" H). Screwed to two (2) wall studs. Drawers banded to dresser frame.			
235	14 Wide MHU's - One (1) - nightstand (12" W x 12" D). Night stand laid flat in closet.			
236	1.2 cu. ft. microwave with child lock in orignal packaging stored in the closet.			

**FEDERAL EMERGENCY MANAGEMENT AGENCY
ALTERNATIVE MHU INSPECTION CHECKLIST**

Line Item No.	Inspection Item Description	Pass	Fail	Notes
Closet				
237	Shelf and rod running length of closet with support at both ends.			
238	14 Wide MHU's - Minimum interior length of 32".			
239	UFAS - Clothes shelf/rod no higher than 48" above finished floor.			
Bedroom 2 - 14' Wide MHU's Only (If Applicable)				
Floor				
240	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
241	UFAS - Turning space 60" diameter circle.			
242	UFAS - 30" wide x 48" deep clear floor space in front of closet.			
Wall / Ceiling				
243	Wall finish - Off white color with egg shell finish.			
244	1/2" x 2" door and window frame molding.			
245	1/2" x 2" crown and baseboard molding.			
246	Wall joints door/window frames and corners (visible or not) are finished (covered with matching molding).			
247	All trim molding is color matched/coordinated to the interior wall finish.			
248	Trim and wall panels are caulked.			
249	Door stops installed on door or wall at entry and closet doors. Door stop finish to match interior hardware.			
250	Full length mini-blinds located at each window.			
251	Closet door to be 24" wide and have a passage lock.			
252	UFAS - Entry door to be 36" wide (32" clear width when door is open in ninety degree (90°) position.			
253	UFAS - All interior doors shall have lever door handles mounted at 34" minimum and 48" maximum above finished floor.			
Electrical				
254	UFAS - Smoke alarm with strobe light, test button, temporary silencing device and battery backup mounted on ceiling.			
255	UFAS - NOAA weather radio with strobe light mounted on wall. Radio and receptacle mounted 44" above the finished floor.			
256	UFAS - Light switch mounted at 44" minimum to 48" maximum from centerline of switch to finished floor.			
257	UFAS - Wall duplex receptacles mounted at 18" to the centerline of receptacle screw to finished floor. Receptacles shall be spaced no more than 6' from door opening and 12' between receptacles.			
258	Ceiling mounted light with 1) 2 LED bulbs and 2) non-breakable globe/cover.			
259	One dual telephone jack outlet shall be mounted on the wall at 18" to the centerline of receptacle to finished floor.			
260	One cable television jack outlet shall be mounted on the wall at 18" to the centerline of receptacle to finished floor.			
Furniture				
261	One (1) bed 54" x 75" mattress and box spring placed on assembled bed frame.			
262	14 Wide MHU's - One (1) - 4 drawer dresser (48" W x 18" D x 48" H).			
263	14 Wide MHU's - One (1) - nightstand (12" W x 12" D). Night stand laid flat in closet.			
264	Window screens for all operable windows stored under bed.			
265	1.2 cu. ft. microwave with child lock in original packaging stored in the closet.			
Closet				
266	Shelf and rod running length of closet with support at both ends.			
267	14 Wide MHU's - Minimum interior length of 32".			

**FEDERAL EMERGENCY MANAGEMENT AGENCY
ALTERNATIVE MHU INSPECTION CHECKLIST**

Line Item No.	Inspection Item Description	Pass	Fail	Notes
268	UFAS - Clothes shelf/rod no higher that 48" above finished floor.			
Bedroom 3 - 14' Wide MHU's Only (If Applicable)				
Floor				
269	Continous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
272	UFAS - Turning space 60" diameter circle.			
271	UFAS - 30" wide x 48" deep clear floor space in front of closet.			
Wall / Ceiling				
272	Wall finish - Off white color with egg shell finish.			
273	1/2" x 2" door and window frame molding.			
274	1/2" x 2" crown and baseboard molding.			
275	Wall joints door/window frames and corners (visble or not) are finished (covered with matching molding).			
276	All trim molding is color matched/coordinated to the interior wall finish.			
277	Trim and wall panels are caulked.			
278	Door stops installed on door or wall at entry and closet doors. Door stop finish to match interior hardware.			
279	Full length mini-blinds located at each window.			
280	Closet door to be 24" wide and have a passage lock.			
281	UFAS - Entry door to be 36" wide (32" clear width when door is open in ninety degree (90°) position.			
282	UFAS - All interior doors shall have lever door handles mounted at 34" minimum and 48" maximum above finished floor.			
Electrical				
283	UFAS - Smoke alarm with strobe light, test button, temporary silencing device and battery backup mounted on ceiling.			
284	UFAS - NOAA weather radio with strobe light mounted on wall. Radio and receptacle mounted 44" above the finished floor.			
285	UFAS - Light switch mounted at 44" minimum to 48" maximum from centerline of switch to fininished floor.			
286	UFAS - Wall duplex receptacles mounted at 18" to the centerline of receptacle screw to finished floor. Receptacles shall be spaced no more that 6' from door opening and 12' between receptacles.			
287	Ceiling mounted light with 1) 2 LED bulbs and 2) non-brakeable globe/cover.			
288	One dual telephone jack outlet shall be mounted on the wall at 18" to the centerline of receptacle to finished floor.			
289	One cable television jack outlet shall be mounted on the wall at 18" to the centerline of receptacle to finished floor.			
Furniture				
290	Two twin XL size mattresses (each 39" x 75") placed on a free standing bunk bed frame; bunk bed frame not built into the MHU.			
291	Bunk bed frame screwed to wall studs. 2 locations.			
292	14 Wide MHU's - One (1) - 4 drawer dresser (48" W x 18" D x 48" H).			
293	14 Wide MHU's - One (1) - nightstand (12" W x 12" D). Night stand laid flat in closet.			
294	Window screens for all operable windows stored under bed.			
295	1.2 cu. ft. microwave with child lock in orignal packaging stored in the closet.			
Closet				
296	Shelf and rod running length of closet with support at both ends.			
297	14 Wide MHU's - Minimum interior length of 32".			
298	UFAS - Clothes shelf/rod no higher that 48" above finished floor.			

**FEDERAL EMERGENCY MANAGEMENT AGENCY
ALTERNATIVE MHU INSPECTION CHECKLIST**

Line Item No.	Inspection Item Description	Pass	Fail	Notes
Bathroom				
Floor				
299	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
300	UFAS - Turning space 60" diameter circle or "T" shape.			
301	UFAS - 30" wide x 48" deep clear floor space in front of all bath fixtures.			
Wall / Ceiling				
302	Wall finish - Off white color with egg shell finish.			
303	1/2" x 2" door frame molding.			
304	1/2" x 2" crown and baseboard molding.			
305	Wall joints, door frames and corners (visible or not) are finished (covered with matching molding).			
306	All trim molding is color matched/coordinated to the interior wall finish.			
307	Trim and wall panels are caulked.			
308	Door stops installed on door or wall at entry and closet doors. Door stop finish to match interior hardware.			
309	Interior door has a minimum of thirty-two inches (32") clear width when the door is open in a ninety degree (90°) position.			
310	All interior doors have lever handles.			
Electrical				
311	UFAS - Light switch to be a min. of 44" and no higher than 48" to the center of the switch above finished floor.			
312	Exhaust fan to be min. 75 cfm.			
313	Exhaust fan controlled by timer (minimum 60 minutes prior to turning off).			
314	Electrical outlets are GFCI protected and face plate labeled.			
UFAS and Fixtures				
315	Verify UFAS clearance requirements per DAPIA approved package for all doors and bathroom fixtures.			
316	Verify UFAS grab bar requirements per DAPIA approved package.			
317	8' Wide MHU - Turning space - T-Shaped Space.			
318	14' Wide MHU - Turning space - 60" diameter circle.			
319	14' Wide MHU - Minimum of 18 1/2" from the end of the tub/shower wall to the bathroom entry door, per approvals.			
320	All water supply and drain lines insulated to protect against contact.			
321	Lavatory and toilet to have secondary shut-off valves on each supply line.			
322	14 Wide MHU - Standard 30" x 60" shower/tub combination with non-skid floor surface.			
323	14 Wide MHU - UFAS - Folding seat in shower/tub is 17" to 19" in height, secured to short wall, and perpendicular to control wall.			
324	UFAS - Grab bars installed in shower on back wall and wall opposite seat between 33" and 36" above the finished floor (but not extended over seat).			
325	8 Wide Express - UFAS - 36" x 36", UFAS compliant, shower with transfer seat.			
326	UFAS - Handicap toilet installed with top of seat 17" to 19" from the floor. Flush controls mounted on the open floor side of toilet.			
327	Surface-mounted medicine cabinet 15" x 30".			
328	Medicine cabinet door is to be mirrored.			
329	UFAS - Bottom of medicine cabinet mirror height to be 40" maximum.			
330	UFAS - Wall mounted sink maximum 34" high.			
331	UFAS - knee clearance is minimum of 27" high, 30" wide and 19" deep under lavatory.			
332	UFAS - Hot water and drain pipes are insulated to protect against contact per FEMA drawing package.			
333	UFAS - Lavatory faucet shall have lever handles.			

**FEDERAL EMERGENCY MANAGEMENT AGENCY
ALTERNATIVE MHU INSPECTION CHECKLIST**

Line Item No.	Inspection Item Description	Pass	Fail	Notes
Accessories				
334	Shower rod - Single piece, NON spring loaded type with curtain.			
335	Toilet Paper holder, mounted 19" from the centerline of the holder to the finished floor.			
336	2 - 24" towel bars, mounted 48" from the top of the towel bar to the finished floor.			
337	8 Wide MHU - Water Heater Closet - Red storage box screwed to wall studs.			
Bathroom #2 (if applicable)				
Floor				
338	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
339	UFAS - Turning space 60" diameter circle or "T" shape.			
340	UFAS - 30" wide x 48" deep clear floor space in front of closet.			
Wall / Ceiling				
341	Wall finish - Off white color with egg shell finish.			
342	1/2" x 2" door frame molding.			
343	1/2" x 2" crown and baseboard molding.			
344	Wall joints, door frames and corners (visible or not) are finished (covered with matching molding).			
345	All trim molding is color matched/coordinated to the interior wall finish.			
346	Trim and wall panels are caulked.			
347	Door stops installed on door or wall at entry and closet doors. Door stop finish to match interior hardware.			
348	Interior door has a minimum of thirty-two inches (32") clear width when the door is open in a ninety degree (90°) position.			
349	All interior doors have lever handles.			
Electrical				
350	UFAS - Light switch to be a min. of 44" and no higher than 48" to the center of the switch above finished floor.			
351	Exhaust fan to be min. 75 cfm.			
352	Exhaust fan controlled by timer (minimum 60 minutes prior to turning off).			
353	Electrical outlets are GFCI protected and face plate labeled.			
Fixtures				
354	Verify UFAS clearance requirements per DAPIA approved package for all doors and bathroom fixtures.			
355	Verify UFAS grab bar requirements per DAPIA approved package.			
356	Turning space - 60" diameter circle.			
357	Minimum of 18 1/2" from the end of the tub/shower wall to the bathroom entry door, per approvals.			
358	All water supply and drain lines insulated to protect against contact.			
359	Lavatory and toilet to have secondary shut-off valves on each supply line.			
360	Standard 30" x 60" shower/tub combination with non-skid floor surface.			
361	UFAS - Folding seat in shower/tub is 17" to 19" in height, secured to short wall, and perpendicular to control wall.			
362	UFAS - Grab bars installed in shower on back wall and wall opposite seat between 33" and 36" above the finished floor (but not extended over seat).			
363	UFAS - Handicap toilet installed with top of seat 17" to 19" from the floor.			
364	Surface-mounted medicine cabinet 15" x 30".			
365	Medicine cabinet door is to be mirrored.			
366	UFAS - Bottom of medicine cabinet mirror height to be 40" maximum.			
367	UFAS - Wall mounted sink maximum 34" high.			

**FEDERAL EMERGENCY MANAGEMENT AGENCY
ALTERNATIVE MHU INSPECTION CHECKLIST**

Line Item No.	Inspection Item Description	Pass	Fail	Notes
368	UFAS - knee clearance is minimum of 27" high, 30" wide and 19" deep under lavatory.			
369	UFAS - Hot water and drain pipes are insulated to protect against contact per FEMA drawing package.			
370	UFAS - Lavatory faucet shall have lever handles.			
Accessories				
371	Shower rod - Single piece, NON spring loaded type with curtain.			
372	Toilet Paper holder, mounted 19" from the centerline of the holder to the finished floor.			
373	2 - 24" towel bars, mounted 48" from the top of the towel bar to the finished floor.			
TPS Closet - 14 Wide MHU				
Floor				
374	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
Wall / Ceiling				
377	Wall finish - Off white color with egg shell finish.			
378	1/2" x 2" door frame molding.			
379	1/2" x 2" crown and baseboard molding.			
380	Wall joints door frame and corners (visible or not) are finished (covered with matching molding).			
381	All trim molding is color matched/coordinated to the interior wall finish.			
382	Trim and wall panels are caulked.			
383	Exterior TPS compartment door 1) 36" x 80", 2) hinged toward front of MHU, 3) is fiberglass or steel and 4) does not block windows when door is open 180 degrees.			
384	The exterior door shall be provided with a deadbolt lock. The dead bolt lock shall be a Schlage 6 pin Everest cylinder, C123 keyway with the 6 pin combination of 746105 or equivalent.			
385	The TPS closet door shall not be keyed the same as the entry doors to the MHU.			
386	The sprinkler alarm shall be mounted in a single gang back box at the same height as the exterior lights on the exterior of the MHU.			
387	The 3/4" rigid PVC conduit shall extend one inch (1") maximum into the TPS compartment.			
388	The TPS annunciator panel shall be mounted on a double gang box in the location and height as shown on the drawings. The flexible PVC conduit shall be from the double gang box with a pull string to the single gang box with cover plate located by the 110 volt receptacle in the TPS closet. The flexible PVC conduit shall extend one inch maximum into the			
389	The Pex sprinkler riser shall permit the rotation of the point of connection around the vertical axis of the sprinkler riser. A brass elbow shall be used to permit this rotation.			
390	The water connector to the sprinkler riser shall be a 1 1/2" cam locking fitting with dust cap.			
391	The drain and vent manifold shall be provided with drain connections for the TPS tank, the sprinkler riser, the TPS tank overflow and the TPS vent line.			
392	The TPS shall be secured with 2" ratchet straps with double "J" hook ends. Straps to encircle TPS.			
393	"J" hook straps shall be secured to "D" rings.			
394	All TPS compartments shall (X) have one (HVAC Vent) supply register.			

**FEDERAL EMERGENCY MANAGEMENT AGENCY
ALTERNATIVE MHU INSPECTION CHECKLIST**

Line Item No.	Inspection Item Description	Pass	Fail	Notes
395	Provide a red durable document storage case securely mounted on the inside of the TPS closet door, within reach from ground level. One copy of all the sprinkler system and TPS documentation shall be provided inside this case.			
396	Sprinkler riser floor drain extended to exterior of home with vent screen.			
TPS Exterior System - 8' Wide Express MHU				
Electrical				
	The external tank and pump system (TPS) will be delivered and installed at the MHU site by FEMA's sprinkler vendor. The TPS alarm and annunciator panel are located on the external TPS. <i>There is no TPS unit inside the 8 Wide Express MHU.</i>			
397	The sprinkler riser door 1) 18" x 80", 2) hinged toward exterior wall of MHU, 3) does not block windows when door is open 180 degrees.			
398	The sprinkler riser interior door shall be provided with a deadbolt lock. The dead bolt lock shall be a Schlage 6 pin Everest cylinder, C123 keyway with the 6 pin combination of 746105 or equivalent.			
399	The water connector to the sprinkler riser shall be a 1 1/2" cam locking fitting with dust cap extended below bottom board.			
400	Sprinkler riser drain with 1" male NPT threaded cap extended below bottom board.			
401	The Sprinkler door shall not be keyed the same as the entry doors to the MHU.			
402	All specialty tools (e.g., sprinkler head or soffit installation/removal tool) for each MHU required to install, operate, maintain and decommission the sprinkler system. Tools shall be included in the red box located in the water heater closet that contains the sprinkler heads.			
403	A red durable document storage case to be securely mounted on the inside of the water heater compartment door. One copy of all the sprinkler system designs, installation, operation, maintenance and decommissioning of the sprinkler system shall be provided inside this case.			
404	The exterior TPS interlock shall be locked in the OFF position with a padlock. The diameter of the shackle of the padlock shall not exceed 5/16".			
Water Heater Compartment				
Floor				
404	Continuous one piece vinyl flooring covering. No cuts or gouges. All repairs must be approved by FEMA or their designee.			
Wall / Ceiling				
405	Wall finish - Off white color with egg shell finish.			
406	1/2" x 2" door frame molding.			
407	1/2" x 2" crown and baseboard molding.			
408	Wall joints, door frames and corners (visible or not) are finished (covered with matching molding).			
409	All trim molding is color matched/coordinated to the interior wall finish.			
410	Trim and wall panels are caulked.			
411	Door stop installed on door or wall. Door stop finish to match interior hardware.			
412	Interior door has lever handles.			
Appliance				
413	Water heater compartment has a wall mounted light fixture controlled by a light switch.			
414	Water heater compartment is labeled and states "No additional items shall be stored in the compartment."			

**FEDERAL EMERGENCY MANAGEMENT AGENCY
ALTERNATIVE MHU INSPECTION CHECKLIST**

Line Item No.	Inspection Item Description	Pass	Fail	Notes
415	Access to water heater uses "SCHLAGE" brand keyed dead bolt lock unique to closet.			
416	Electric, 40 gallon (dual element) quick recovery water heater (30 gallon for express units) with pressure relief valve, corrosion resistant drain pan, and metal tank drain valve.			
417	Installed furniture layout, from FEMA drawing package, taped to outside of water heater compartment door.			