

4. MANUFACTURED HOME – DOUBLE WIDE (MHDW)

Typical Construction

- Steel undercarriage supported on concrete block piers
- Multi-unit connection at roof, floor, and end walls
- Frame straps and ground anchors spaced at 10 – 12 ft apart
- Flat, gable, or hip roof shape
- Asphalt shingles or metal roof panels
- Plywood/OSB roof decking
- Wood rafter or shallow joist construction
- Metal, vinyl, or wood siding

DOD*	Damage description	EXP	LB	UB
1	Threshold of visible damage	61	51	76
2	Loss of shingles or other roof covering (<20%)	76	62	88
3	Damaged porches or carports	78	67	96
4	Broken windows	83	68	95
5	Uplift of roof deck and loss of significant roof covering material (>20%)	88	75	108
6	Complete uplift of roof, most walls remain standing	93	77	110
7	Unit slides off CMU block piers	94	78	109
8	Removal of entire roof structure leaving most walls standing	97	80	117
9	Complete destruction of roof and walls leaving undercarriage in place	113	93	131
10	Unit rolls, displaces or vaults	114	82	130
11	Undercarriage separates from floor, rolls and tumbles, badly bent	127	109	145
12	Complete destruction of unit; debris blows away	134	119	154

* Degree of Damage

