


'Statement of Structural Adequacy'

1	Details:	Ref:	
	Stewart Milne Homes 2014 'Woodlands' House Types (Timber Frame Construction) The Building (Scotland) Regulations 2013 Scottish Type Approval Scheme	STAS – Type Approval Application Erection of 31 No. Dwelling House Types. Ref: STAS/15/039/DM49/01/31	
2	Purpose of Document:		
	The purpose of this document is to confirm Messrs Fairhurst have been involved in the design process of the above housetypes. This document is provided on the understanding that Building Control requires confirmation that a certified Structural Engineer has been involved in the design process for the housetypes listed in this STAS application.		
3	Limitation:		
	It should be noted that this document does not structurally certify any of the above houses and that a SER certificate will still be required by the Local Authority Building Control Department on an individual site by site basis. This ensures that any site-specific conditions and exposure ratings are taken into account in the design of the properties located on that particular site.		
4	History:		
	The current 'S14 Woodlands' Houserange is a modification of the 'S11 Woodlands' Houserange which has been constructed for several years now. Messrs Fairhurst are the Consultant Structural Engineers for Stewart Milne Homes' sister company Stewart Milne Timber Systems and advise on the timber frame design of these houses. Additionally Fairhurst are involved in the SER certification of several 'Woodlands Range' housing development sites - mainly for the Stewart Milne Homes (North Scotland) office in Aberdeen.		
5	Applicant:		
	Name: Stewart Milne Homes Address: (Central Scotland Office) Kestrel House, 3 Killmartin Place, Tannochside Business Park, Uddingston G71 5PH (North Scotland Office) Osprey House, Mosscroft Avenue, Westhill, Aberdeen AB32 6JQ E-mail: dgraham@stewartmilne.com Tel: 01698 804824 (Uddingston) 01224 747201 (Aberdeen)		
6	Type Approval Title: Description and intended use or system title: [House Type; Commercial/Industrial; System]		
	Erection of 31No. dwelling housetypes		
7	Climatic conditions:		
	The design may be used in areas where the climatic conditions are equal to or less than those defined below (please state): * Delete as appropriate		
	Wind: (as defined in BS 6399-2) or equivalent Eurocode <i>Standard</i> effective wind speed, v_e = For max. effective height = Has funnelling been considered?		41.4m/s 8.5m Yes / No *
	Wind: (as defined in CP3: Chapter V) or equivalent Eurocode <i>Design</i> wind speed, v_s = (relevant to the building frame, at a height of 3m or less)		N/A
	Snow: (as defined in BS 6399-3) or equivalent Eurocode <i>Site</i> snow load, s_0 = Influenced by adjacent buildings?		0.64kN/m ² Yes / No *
	Resistance to moisture/durability of exposed elements: Maximum exposure (to wind driven rain) grading, as defined in BRE Report – Thermal Insulation: Avoiding Risks, Second Edition, 1994, to be exposure zone: Exposure to sea spray (i.e. coastal region) or de-icing salts? Other air contaminants or biological factors-please specify any enhanced resistance if applicable (refer BS 7543 for guidance):		Zone 1/ Zone 2/ Zone 3/ Zone 4 * Yes / No *
8	Design Life:		
	(per BS 7543 – Durability of buildings and building elements, products and components) or equivalent Eurocode Category of building design life = 60 Years Design life of primary building envelope = 60 Years		

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Housetypes:

S11 'Woodlands' House Range

Unit Type	No. of Bedrooms	Marketing Name	Abbreviation	Storey	Garaging
S14-57-2MT (2013)	2	Alder	AL	2	none
S14-57-2ET (2013)	2	Alder	AL	2	none
S14-70-2MT (AB) (2013)	2	Aberwood .	AB	2	none
S14-70-2MT (AT) (2013)	2	Aberwood .	AT	2	none
S14-70-2MT (AV) (2013)	2	Aberwood .	AV	2	none
S14-82-3MT (2013)	3	Argyll .	AR	2	none
S14-82-3ETS (2013)	3	Argyll .	AR	2	none
S14-88-3ETS (2013)	3	Belvoir .	BE	2	none
S14-90-3MT (2013)	3	Caplewood .	CP	2	none
S14-90-3ET (2013)	3	Caplewood .	CP	2	none
S14-90-3D (2013)	3	Castlevalle .	CV	2	none
S14-97-3ET (2013)	3	Castlewellan .	CW	2	none
S14-97-3D (2013)	3	Corrywood .	CO	2	none
S14-101A-4D (2013)	4	Carlton .	CA	2	single, integral
S14-111-4D (2013)	4	Denewood .	DE	2	single, integral
S14-117-4D (2013)	4	Dukeswood .	DU	2	single, integral
S14-126-4D (2013)	4	Glenmore .	GL	2	single, integral
S14-130-4D (2013)	4	Hampfield .	HA	2	single, integral
S14-140-5D (2013)	5	Heddon .	HE	2	single, integral
S14-140-4D (2013)	4	Hollandswood .	HO	2	double, detached
S14-148-5(3)D (2013)	5	Kellingside .	KE	3	single, detached
S14-148-5D (2013)	5	Kingsmoor .	KI	2	double, integral
S14-150-5D (2013)	5	Laurieston .	LA	2	double, detached
S14-160-6(3)D (2013)	6	Longrush .	LO	3	single, integral
S14-157-5D (2013)	5	Malborough .	MA	2	double, integral
S14-165-5D (2013)	5	Melton .	ML	2	double, integral
S14-174-6(3)D (2013)	6	Merrington .	MR	3	single, integral
S14-177-5D (2013)	5	Noblewood .	NO	2	double, integral
S14-191-5D (2013)	5	Sandholme .	SA	2	double, integral
S14-209-5D (2013)	5	Southbrook .	SO	2	double, integral
S14-223-5D (2013)	5	Thornewood .	TH	2	double, integral


Note:- MT = mid terrace, ET = end terrace, S = semi, D = detached.

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Signed:

Statement: We would confirm Messrs Fairhurst have been involved in the design process of the above housetypes.

Signed:


 Murray Peden 24-08-15

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 Partner
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