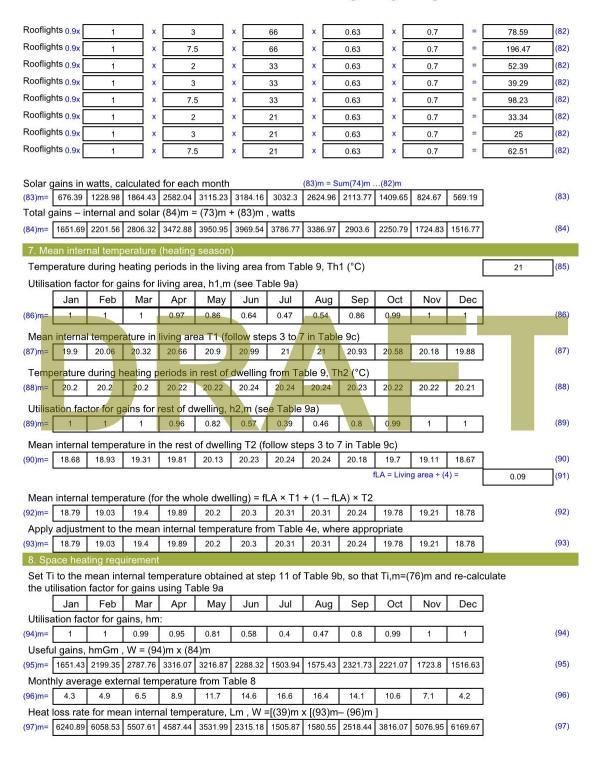
Northwest 0.9x	0.77	x	1.3	x	97.38	x	0.63	x	0.7	=	38.69	(81)
Northwest 0.9x	0.77	x	2.7	x	91.1	x	0.63	x	0.7] =	75.17	(81)
Northwest 0.9x	0.77	x	1.3	×	91.1	×	0.63	x	0.7] =	36.19	(81)
Northwest 0.9x	0.77	×	2.7	×	72.63	x	0.63	x	0.7	=	59.93	(81)
Northwest 0.9x	0.77	×	1.3	×	72.63	x	0.63	x	0.7	=	28.85	(81)
Northwest 0.9x	0.77	×	2.7	x	50.42	x	0.63	x	0.7] =	41.6	(81)
Northwest 0.9x	0.77	×	1.3	×	50.42	x	0.63	x	0.7] =	20.03	(81)
Northwest 0.9x	0.77	x	2.7	×	28.07	x	0.63	x	0.7	=-	23.16	(81)
Northwest 0,9x	0.77	×	1.3	×	28.07	×	0.63	×	0.7	=	11.15	(81)
Northwest 0.9x	0.77	×	2.7	x	14.2	×	0.63	x	0.7] =	11.71	(81)
Northwest 0.9x	0.77	×	1.3	×	14.2	×	0.63	x	0.7] =	5.64	(81)
Northwest 0.9x	0.77	×	2.7	×	9.21	×	0.63	×	0.7] =	7.6	(81)
Northwest 0.9x	0.77	×	1.3	×	9.21	×	0.63	x	0.7	=	3.66	(81)
Rooflights _{0.9x}	1	x	2	x	26	x	0.63	х	0.7] =	41.28	(82)
Rooflights 0.9x	1	x	3	x	26	x	0.63	x	0.7] =	30.96	(82)
Rooflights 0.9x	1	×	7.5	×	26	x	0.63	x	0.7] =	77.4	(82)
Rooflights 0.9x	1	X	2	x	54	x	0.63	X	0.7	=	85.73	(82)
Rooflights 0.9x	1	x	3	×	54	x	0.63	X	0.7] =	64.3	(82)
Rooflights 0.9x	1	×	7.5	×	54	x	0.63	×	0.7] =	160.74	(82)
Rooflights 0.9x	1	x	2	×	96	_x	0.63	×	0.7] =	152.41	(82)
Rooflights 0.9x	1	x	3	X	96	x	0.63	×	0.7] =	114.31	(82)
Rooflights 0.9x	1	x	7.5	×	96	×	0.63	x	0.7] =	285.77	(82)
Rooflights 0.9x	1	×	2	×	150	×	0.63	×	0.7] =	238.14	(82)
Rooflights 0.9x	1	×	3	×	150	×	0.63	×	0.7] -=>	178.6	(82)
Rooflights 0.9x	1	x	7.5	x	150	x	0.63	х	0.7	=	446.51	(82)
Rooflights _{0.9x}	1	x	2	×	192	x	0.63	x	0.7] =	304.82	(82)
Rooflights _{0.9x}	1	x	3	×	192	x	0.63	x	0.7] =	228.61	(82)
Rooflights _{0.9x}	1	×	7.5	×	192	×	0.63	×	0.7	=	571.54	(82)
Rooflights 0.9x	1	×	2	×	200	×	0.63	x	0.7	=	317.52	(82)
Rooflights _{0.9x}	1	×	3	x	200	×	0.63	x	0.7] =	238.14	(82)
Rooflights _{0.9x}	1	×	7.5	×	200	×	0.63	×	0.7] =	595.35	(82)
Rooflights _{0.9x}	1	×	2	×	189	×	0.63	×	0.7	=	300.06	(82)
Rooflights _{0.9x}	1	X	3	×	189	×	0.63	x	0.7	=	225.04	(82)
Rooflights _{0.9x}	1	×	7.5	x	189	×	0.63	x	0.7	_	562.61	(82)
Rooflights _{0.9x}	1	×	2	×	157	×	0.63	×	0.7] =	249.25	(82)
Rooflights 0.9x	1	×	3	×	157	×	0.63	×	0.7	=	186.94	(82)
Rooflights 0.9x	1	X	7.5	×	157	×	0.63	×	0.7	=	467.35	(82)
Rooflights _{0.9x}	1	X	2	×	115	×	0.63	x	0.7] =	182.57	(82)
Rooflights 0.9x	1	X	3	×	115	×	0.63	x	0.7] =	136.93	(82)
Rooflights 0.9x	1	X	7.5	×	115	×	0.63	×	0.7] =	342.33	(82)
Rooflights _{0.9x}	1	X	2	×	66	×	0.63	×	0.7	=	104.78	(82)



Spac	e heatin	g require	ement fo	r each n	nonth, k	Wh/mont	th = 0.02	24 x [(97)m – (95)m] x (4	1)m			
(98)m=	3414.56	2593.37	2023.56	915.38	234.45	0	0	0	0	1186.68	2414.26	3461.86		
								Tota	l per year	(kWh/yeai	r) = Sum(9	8)15,912 =	16244.13	(98)
Spac	e heatin	g require	ement in	kWh/m²	/year								32.64	(99)
9a. En	ergy red	quiremer	nts – Ind	ividual h	eating s	ystems i	ncluding	g micro-C	HP)			7,000		
	e heati	Waller of the same	AND IN THE STATE OF THE STATE O											
						mentary	system					-	0	(201)
				nain syst	1801			(202) = 1 -				_	1	(202)
				main sys				(204) = (2	02) × [1 –	(203)] =		_	1	(204)
Efficie	ency of	main spa	ace heat	ing syste	em 1							_	93	(206)
Efficie	ency of	seconda	ry/suppl	ementar	y heatin	g system	1, %						0	(208)
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	kWh/ye	ar
Spac				alculate		1	0			·	I			
	3414.56	2	2023.56	915.38	234.45	0	0	0	0	1186.68	2414.26	3461.86		
(211)n				00 ÷ (20			_			1070	0505.00	0700.40		(211)
	3671.57	2788.57	2175.87	984.28	252.1	0	0	0 Tota	0 L(k\Mh/yes	1276	2595.98 211) _{15,1012}		17400.04	(211)
Span	o hootin	a fuel (a	coondar	w kWh/	month				, (ictining oc	ary Curric	- ' ' /15,1012	7. L	17466.81	
		01)] } x 1		y), kWh/)8)	monun									
(215)m=		0	0	0	0	0	0	0	0	0	0	0		
					1			Tota	l (kWh/yea	ar) =Sum(215),5,101		0	(215)
Wat <mark>er</mark>	heating											9. 5		
Output				ulated a		100.40	98.2	100.40	105.0	227.78	000.00	200 04		
Efficio	300.44	240.61 ater hea	218.86	156.7	122.28	100.12	98.2	136.48	165.6	221.18	269.32	299.81	86.9	(216)
(217)m=		89.73	89.69	89.53	88.91	86.9	86.9	86.9	86.9	89.49	89.68	89.74	00.9	(217)
		heating,	annondess	THE CONTRACTOR	00.01	00.0	00.0	00.0	00.0	00.40	00.00	55.7 4		ATALESA.
		m x 100				•				Vi				
(219)m=	334.79	268.15	244.02	175.02	137.53	115.22	113	157.06	190.57	254.54	300.32	334.07		_
								Tota	I = Sum(2	1000		9.	2624.28	(219)
	al totals		ad main	system	1					k'	Wh/year	· ·	17466.81	r T
William Co.	191 - 1911i			System	91							<u> </u>	100000000000000000000000000000000000000	=
vvater	neating	fuel use	ea									<u>, la</u>	2624.28	
Electri	city for p	oumps, f	ans and	electric	keep-ho	t								
mech	anical v	entilatio	n - balar	iced, ext	ract or p	ositive in	nput from	m outside	Э			1885		(230a
centra	al heatir	ng pump	:									30		(230c)
boiler	with a	fan-assis	sted flue									45		(230e
pump	for sola	ar water	heating									50		(230g
5 S			(.	kWh/yea	r			sum	of (230a).	(230g) =		10 0 70 0 30	2010	(231)
		761 98		, 00	177				The second second				998.4	(232)
Election	city for I	ignung											998.4	(232)

	Energy kWh/year	Emission factor kg CO2/kWh		Emissions kg CO2/year		
Space heating (main system 1)	(211) x	0.216	3772.83	(261		
Space heating (secondary)	(215) x	0.519	0	(263		
Water heating	(219) x	0.216	566.84	(264		
Space and water heating	(261) + (262) + (263) + (264) =	4339.67	(265		
Electricity for pumps, fans and electric keep-hot	(231) x	0.519	1043.19	(267		
Electricity for lighting	(232) x	0.519 =	518.17	(268		
Energy saving/generation technologies Item 1		0.519	-846.09	(269		
Total CO2, kg/year		sum of (265)(271) =	5054.95	(272		
Dwelling CO2 Emission Rate		(272) ÷ (4) =	10.16	(273		
EI rating (section 14)			88	(274		
DR		\ F	T			