RUND partnership

Code for Sustainable Homes November 2010

Site	39 Nightingale Avenue, Chandlers Ford (2x new build 1 bed flats)
Client	Mr Jenman
Target	Code Level 4 (68%)
Stage	Pre Assessment
Ref/Date	28th May 2013

Unit Types			1				
Section / Max Score			Est		Add		
	Section	Max	credit	*%	credit	*%	Summary of Requirements
Ene 1 (m)	DER	10	3.0	3.52		0.00	25% improvement over Building Regulations
Ene 2 (m)	FEE	9	4.0	4.70		0.00	FEE no greater than 45
Ene 3	Energy Dis.	2	2	2.35		0.00	E.on free gas & elec monitor
Ene 4	Drying	1	1	1.17		0.00	Internal tidy line + ventilation - 1&2 bed 4m
Ene 5	W. goods	2	1	1.17	1	1.17	Energy efficiency literature provided to tenants / 3 No. white goods all with required energy ratings and water efficiency
Ene 6	Ext Light	2	2	2.35		0.00	All external lighting 40 l/watt efficiency with automatic controls
Ene 7	LZC's	2	2	2.35		0.00	EBC ESD6 2 credit requirement (15% reduction of CO2 emissions via renewables)
Ene 8	Cycles	2	2	2.35		0.00	1 cycle per flat in secure (entrance & rack) weath-proof store
Ene 9	H. Office	1	1	1.17		0.00	Grouped power & tel sockets in appropriate room with sufficient space, 1.5% daylight & ventilation
Wat 1 (m)	Int Water	5	5	7.50		0.00	EBC ESD 2 RWH for flatted developments, max 80 lpd
Wat 2	Ext Water	1	1	1.50		0.00	200 litre water butts to communal & private gardens
Mat 1 (m)	Roof	3	3.00				GG ratings to be confirmed
	Ext wall	3	3.00				
	Int wall	3	3.00				
	Floors	3	1.00				
	Windows	3					
	GG Total	15	10	3.00	0	0.00	
Mat 2	RSM Basic	6	2	0.60		0.00	Responsibly source materials (Chain of Custody timber/ ISO14001/BES 6001)
Mat 3	RSM Finish	3	2	0.60		0.00	Responsibly source materials (Chain of Custody timber/ ISO14001/BES 6001)
Sur 1 (m)	Runoff	2	2	1.10		0.00	Ensure run-off and volume for all rainfall events are no greater than present conditions AND ensure there is no discharge from the developed site for rainfall depths up to 5mm + run-off from all hard surfaces shall receive an appropriate level of treatment
Sur 2	Flood Risk	2	2	1.10		0.00	FRA to confirm low risk of flooding from all sources
Was 1 (m)	Recycling	4	4	3.20		0.00	External storage of sufficient size & IDP Checklist compliant + 30 litre internal recycling bin(s)
Was 2	SWMP	3	3	2.40		0.00	SWMP minising 3 types of waste & 85% of site generated waste diverted from landfill
Was 3	Compost	1	1	0.80		0.00	EBC food waste collection - internal caddy and external brown bin
Pol 1	GWP	1	1	0.70		0.00	All insulation to have GWP less than 5
Pol 2	NOx	3	3	2.10		0.00	Main heating & hot water system to have dry NOx figure less than 40 mg/kWh
Hea 1	Daylight	3	2	2.33	1	1.17	Daylighting report required to confirm credit(s)
Hea 2	Sound	4	3	3.50		0.00	5db improvement on Doc E via sound testing or RD's
Hea 3	Gardens	1	1	1.17		0.00	Private/communal gardens of sufficient size & IDP Checklist compliant for both units
Hea 4 (m)	LTH	4	0	0.00		0.00	Assume no credit
Man 1	HUG	3	3	3.33		0.00	Detailed HUG, Checklist parts 1 & 2 compliant
Man 2	CCS	2	1	1.11		0.00	CCS/CCP 'pass', 25 points overall, with minimum of 5 points for all 5 sections
Man 3	S. Impacts	2	2	2.22		0.00	Set targets, record data & report on 4 site management procedures
Man 4	SBD	2	2	2.22		0.00	Achieve SBD part 2 compliance
Eco 1	Eco Value	1	1	1.33		0.00	SQE to confirm in report the site is of low value
Eco 2	Enhance	1	1	1.33		0.00	Provide all key recommendations & 30% additional recommendations as per SQE report
Eco 3	Protection	1	1	1.33		0.00	SQE to confirm in report the site is of low value
Eco 4	Change	4	3	4.00	1	1.33	SQE to confirm in report change of ecological value greater than 3 / greater than 9
Eco 5	Footprint	2	0	0.00		0.00	Design does not meet minimum credit requirement
Sub Total Scores %			69.61		3.66		**NOTES**
Code Level Req'd (Code 4)			68.00				
Est +/- Req'd Code Level			1.61				
Est+Add Total %			73.27				
Est+Add +/- Req'd Code Level			5.27				

© Rund Partnership 2013-2015

Key: (m) = Mandatory sections Est = Estimated/predicted Ach = Achieved Add = Additional *% = Approx weighted %