

## NW BICESTER EXEMPLAR MATERIALS SCHEDULE

16 June 2015

Product	Colour	Location	Embodied Carbon	Approved Plan Number	Comments	February 2015 Amendments  <b>June 2015 Amendments</b>
<b>Residential Construction</b>						
Marley Rivendale composite slate tile and ridge tile		Roof Tile	0.624 kg.CO2/kg		Team has issued emails pertaining to the Marley Rivendale tile (dated 13 August). CDC confirmed content.	
Beckstone roof tile and ridge tiles		Roof Tile	0.14 kg.CO2/kg		Have agreed with CDC would stick with beckstone roof tile and would assume back in production once required on site.	This has been amended to a Bradstone Cotswold tile as Bekstone is no longer available
Plain red concrete roof tile and ridge tiles		Roof Tile – Phases 3 & 4	TBC		'Alternative tile' referred to in PRP SOA	

Beckstone Walling:		Facing Material	0.13 kg.CO2/kg		Agreed with CDC in meeting on 19 August this will be in weathered coloured.  CDC preference for linear coursing.  CDC has advised it would prefer lighter mortar.	The colour "weathered" is not technically a colour. The colour selected was "Natural light weathered walling with tumbled facing"
Ibstock Capital Multi Stock (Red)		Facing Material	0.246 kg.CO2/kg		Multistock Red.	
Beckstone Cills		Facing Material	0.13 kg.CO2/kg		Agreed with CDC in meeting on 19 August that this will be in oolite colour.	The colour "oolite" is not technically a stone cill colour. The chosen sample is called "Portland".  Manufacturer TBC but will be a like for like replacement with the Bekstone product
Beckstone Heads		Facing Material	0.13 kg.CO2/kg		Agreed with CDC in meeting on 19 August that this will be in oolite colour.	The colour "oolite" is not technically a stone head colour. The chosen sample is called "Portland".  Manufacturer TBC but will be a like for like replacement with the Bekstone product
Beckstone Corbel Stone		Facing Material	0.13 kg.CO2/kg		Agreed with CDC in meeting on 19 August that this will	The colour "oolite" is not actually a corbel stone colour. The chosen

					be in oolite colour.	sample is called "Portland".  Manufacturer TBC but will be a like for like replacement with the Bekstone product
Brick Cills – Splayed Soldier Course Ibstock Capital Multi Stock (Red)		Facing Material	0.246 kg.CO2/kg		Agreed with CDC in meeting on 19 August that this will be in ibstock capital multi stock.	
Brick Heads – Soldier Course Ibstock Capital Multi Stock (Red)		Facing Material	0.246 kg.CO2/kg		Agreed with CDC in meeting on 19 August that this will be in ibstock capital multi stock.	
Brick Stepped Corbel – Ibstock Capital Multi Stock (Red)		Facing Material	0.246 kg.CO2/kg		Agreed with CDC in meeting on 19 August that this will be in ibstock capital multi stock.	
Thermowood timber cladding		Facing Material	0.24 kg.CO2/kg		Agreed.  Profiling to be agreed between A2Dominion and PRP.	Profile to be a 121 x 18mm thick T&G profile, fixed horizontally
Render – K Rend Through Colour Render: Ivory		Facing Material	TBC		Agreed.	

Windows – upvc – Grey (RAL 7015) Look-a-like base panels grey to match windows		Type 3 Units only	TBC		Windows to be confirmed.	Windows have been changed to Rationel Aura timber windows. Base opaque panels are RAL 7015 to match frame.
Windows – upvc – White		Type 1 and 5 Units	TBC		Windows to be confirmed.	Windows have been changed to Rationel Aura timber windows
Windows – upvc – Grey (RAL 7015)		Type 7 (flats) and 8 (bungalows) Units only	TBC		Windows to be confirmed.	Line added
Lourvres and doors to Energy Centre – Grey (RAL 7015)		Energy Centre	TBC		Agreed.	
Black upvc rainwater goods			TBC		CDC has requested that grey upvc rainwater goods are used on the bungalows, flats and type 3 dwellings.	To type 1 units only
Grey uPVC rainwater goods		Type 3, 7 and 8 units	TBC			Line added
Roof – PV systems (set in and set on panels)		Houses, Flats and energy Centre Roofs	TBC		CDC to understand energy efficiency of inset panels in relation to tiles. Energy Strategy	Confirmed on the 27.06.14 that inset panels can be used in lieu of tiles

					requires a total installed capacity of 1,461kWp PV.  Need to resolve whether slates or panels with CDC.	
Meadow Grass Green Roofs		Garages, car barns and bungalows only	TBC		Detail provided as part of Condition 20.	
Green Wall – Jakob (or similar) stainless steel wire, roads and mesh green wall system		Energy Centre	TBC		Detail provided as part of approved NMA for energy centre. Need to provide full planting plan as part of condition attached.	
Ibstock Capital Multi Stock (Red)		Garage block facing material	0.246 kg.CO2/kg		Multistock Red.	New line added.
Timber close boarded on timber posts (various heights), hit and miss and 5 bar where required		Boundary Treatments: See PRP Drawing Ref 1.1/017	TBC		Agreed.	

Boundary Treatments: 1.8m & 0.9m high Beckstone Walling		Boundary Treatments: See PRP Drawing Ref 1.1/017	0.13 kg.CO2/kg		Agreed.  Boundary treatment will accord with surrounding housing material.	
1.8m high Brick Walling (Capital multi stock) Red		Boundary Treatments: See PRP Drawing Ref 1.1/017	0.246 kg.CO2/kg		Agreed.	
0.9 high metal railings painted black		Boundary Treatments: See PRP Drawing Ref 1.1/017	TBC		Agreed.	
Hedgerow planting		Boundary Treatments: See PRP Drawing Ref 1.1/017	N/A		Agreed.	
<b>Approved Product</b>	<b>Approve d Colour</b>	<b>Location</b>	<b>Embodied Carbon</b>	<b>Approved Plan Number</b>	<b>Comments</b>	<b>February 2015 Amendments</b>  <b>June 2015 Amendments</b>
<b>Infrastructure Construction</b>						

Charcon Stratford Infilta	Silver Grey	Community Street predominant surface material	0.138 kg.CO2/kg (TBC – Assumed to be same as Charcon Andover Infilta)		Laying pattern to be stretcher bond  CDC has requested that this be impermeable.	Blocks need to be permeable for drainage calculations
Charcon Stratford Infilta	Charcoal	Community Street predominant surface material	0.138 kg.CO2/kg (TBC – Assumed to be same as Charcon Andover Infilta)		Laying pattern to be stretcher bond  CDC has requested that this be impermeable.	Blocks need to be permeable for drainage calculations
Charcon Woburn Rumble Infilta	Rustic	Community Street Crossing strips, bin set down points, communal cycle	0.16 kg.CO2/kg		Laying pattern to be stretcher bond  Agreed.	

		areas and green lane mat features				
Charcon Woburn Rumble Infilta	Graphite	Dwelling doormats	0.16 kg.CO2/kg		Laying pattern to be stretcher bond Agreed.	
Charcon Infilta	Burnt Ochre	Demised parking spaces on green lanes	0.124 kg.CO2/kg		Laying pattern to be 90 degree herringbone Agreed.	
Charcon Infilta	Grey	Demised parking spaces on community streets and parkin	0.124 kg.CO2/kg		Laying pattern to be 90 degree herringbone Agreed.	



		g courts				
Charcon granite setts	Grey	Entrance to community street (From spine road)	TBC		Agreed.	Sizes to be 100 x 100, 150 x 150 and 200 x 200mm.
Charcon Stratford	Silver Grey	Ramp to raised table on spine road at junctions with community street	0.138 kg.CO2/kg (TBC – Assumed to be same as Charcon Andover)		Laying pattern to be stretcher bond  Agreed.	Sizes to be 200 x 100. To be laid 90 degree herringbone for OCC adoption
Charcon Stratford	Charcoal	Raised table at junctions between	0.138 kg.CO2/kg (TBC – Assumed to be same as Charcon Andover)		Laying pattern to be stretcher bond  Agreed.	

		spine road and community street				
Tarmac	Black	Spine Road Carriageway	0.68kg.CO2/kg		Agreed, however, need to confirm whether white chip should be used in tarmac. Willmott Dixon to liaise with OCC accordingly.	
Mastertint	White	Primary Road footway predominant material	0.117kg.CO2/kg		Agreed.	Product has changed to naturatex. Colour remains the same
Mastertint	Buff	Green lanes and S278 footpath/cycle ways	0.104 kg.CO2/kg		Agreed.	Product has changed to naturatex. Colour remains the same

Naturatex	Natural Quartzite	Spine road entrance feature	TBC			Line added
Sureset Resinbound Recycled Glass Aggregate	Pacific/Wild Lavender	Community Streets feature paving	0.55 kg.CO2/kg		Agreed.	
Ecodeck composite decking	Dark brown	Community Streets	1.391 kg.CO2/kg		Although has high embodied carbon, as it is only being used in a small quantity, it is considered to be acceptable by CDC. Agreed.	
Charcon Ecopave block pavers	Black Fleck	Primary road footways – vehicle crossings	0.193 kg.CO2/kg		Agreed.	
CED SuperCedec Footpath Grave (or similar)	Silver	River Corridor and NEAP footpat	TBC		CED Ltd to issue Cheltenham addresses to Willmott Dixon for wider circulation. Willmott	This has now changed to tarmac

		hs and steps			Dixon to coordinate.	
Charcon infiltra		EcoPub terrace and steps	0.124 kg.CO2/kg		Laying pattern to be 90 degree herringbone	Charcon Andover Textured Silver Grey Infiltra
Natural Stone		Eco Pub Steps				Line added
Wickstead Playscape Wetpour	Rainbow Green	NEAP safety surfaces	TBC		Agreed.	
Edging: Charcon Eckerd	Black Fleck	Primary Road	0.193 kg.CO2/kg		Agreed.	
Edging: Charcon Hydrokerb	Black Fleck	Primary Road	0.193 kg.CO2/kg		Agreed.	
Edging: Standard PCC Kerb		Site wide – Community Streets, Green lanes &	0.18 kg.CO2/kg		Agreed.	

		S278 NW and SE Entrance				
Edging: PCC Drainage Kerb		Site wide – Community Streets  , Green lanes & S278 NW and SE Entrance	0.18 kg.CO2/kg		Agreed.	
Edging: Timber edging		River corridor and NEAP			This is primarily in the river corridor area. If on edge, would require something more established. Review as part of site levels matter.	This has now changed to concrete edging