

PROJECT: The Grid 21 Kia Peng

CONSULTANT: Architect

GBI RATING: Certified

PART	SUB-SECTION	#	DOCUMENTS REQUIRED FOR DA SUBMISSION	TARGET DATE	PROGRESS STATUS (e.g. Ready for collection, Processing, Expected date of completion etc.)	REMARKS
Energy Efficiency (EE)	EE1 & EE2 Minimum & Advanced EE Performance	a	BP/tender/latest dwgs of elevations and floor plans with description of wall and aperture materials specified		Received	Downloaded from FTP (Folder 9) 2015-08-28 Archi Dwgs w lvl adjusted)
		b	BP/tender/latest dwgs - roof section with details (every layer thickness and materials)		Received	
		c	Proposed glazing specification (SC value, U value & VLT)		Received	Laminated crystal grey (sc value 0.75; U value 4.94 W/m2K)
	EE6 Sustainable Maintenance	a	Identify building maintenance room and facilities in the floor plans		Received facilities level floor plan	Is maintenance room located in the management office?
Indoor Environmental Quality (EQ)	EQ 1 Minimum IAQ Performance	a	Description of the project ventilation design			to write a short description about where is NV, where is MV, where is AC area
		b	Schematic to illustrate the project ventilation system design			to draw wind arrows to show wind from hot to cold within dwelling units, corridors, common area/ open spaces, facilities level
		c	Summary table with calculations to show that meet the local building code		Received Door and Window Schedule Unit Ventilation Calculation	Require a schedule with window size opening to every rooms to meet UBBL requirement
	EQ2 Volatile Organic Compounds Minimisation	a	Summary, plans and report outlining the specified location and areas of low VOC materials will be used			RSP to provide Schedule of internal finishes
		b	Table of low VOC materials used for each of the surfaces of each space in the building.			Schedule of finishes clearly listing low VOC materials for each room/space is acceptable
		c	Manufacturer's information (catalogue & technical spec/ test report) and green building certificates for the specified materials		Received Jotun and Sika-adhesive green cert	What kind of flooring installed in unit?
	EQ3 Formaldehyde Minimisation	a	If glue is used (usually will be wood products), submit manufacturer's information and green labelling certificate for the specified materials			ME Industries engineered wood will be used? Need supplier contact
	EQ4 Daylighting	a	All types of unit layout plan and full set of window schedule		Received window schedule (W1,2,3,4,6,7,8)	Except W5, W9, W10, W11
	EQ5 External Views	a	Interior layout plan showing view to outside is maintain for all the habitable rooms			Study room considered as habitable room? Type B1 and B2 - bedroom 2 no external view
	EQ6 Sound Insulation	a	Typical layout with walls and floors with noise attenuation properties clearly marked		Received - Indicated in typical floor plan (wall)	Detail dwgs to show finish floor materials with thickness -within unit
Site (SM)	SM1 Site Selection & Planning	a	Submit approved Layout Plan and Planning approval letter with list of conditions where available		Received	Found in FTP
		b	Survey plan showing footprint of building and its setback dimensions in relationship to existing natural features such as lakes, rivers, streams, tributaries, beaches, etc			Land Surveyor to provide
	SM5 CLASSIC	a	Letter of support from Architect to confirm standards listed in Qlassic will be applied to tender and contract specifications		Received tender spec	

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Sustainable Site Planning & Management	SM6 Workers' Site Amenities	a	Create and implement a Site Amenities Plan by provide proper accommodation and adequate health and hygiene facilities for workers on site, prevent pollution of storm water, provide proper disposal of domestic waste			RSP to mark out in site plan for the proposed location of Canteen, shower areas, portable toilets, septic tanks to treat wastewater, wash points, bins for domestic waste for construction workers  RSP to indicate every 5 floors interval in section plan to provide portable toilets for workers during construction
		a	Proposed IBS plan & CIDB IBS Report and description of adopted IBS System			Either provide by Architect or C&S
	SM13 Heat Island Effect - Roof	a	List of materials used on roof and their characteristics, including SRI values			Epoxy finish - grey (need brand and supplier contact)
		b	Roof plan showing the extent of proposed roof (with its SRI value) and/or greenscape		Received roof plan	
Materials and Resources (MR)	MRS Storage & Collection of Recyclables	a	Site Plan indicating the designated area of storage and collection of construction waste to be recycled			
		b	Floor Plan showing the proposed locations of the storage area for recyclables and its proximity to the building entrance and vehicular access points			
		c	Ensure that the space provided for recyclables is in addition to the storage space allocated for general waste			RSP to provide Centre for recyclable (500 sf). Allocate within the rubbish chamber or beside it
	MRS Storage & Collection of Recyclables	d	The drawings should ensure that the vehicular access provides adequate space for maneuvering and sufficient size for loading bays for vehicles collecting the recyclables			
		e	A description of the labelling of recyclables should be also provided			RSP to write a description - Brown-glass, Blue-paper, Orange-plastic, aluminium cans, etc
Water Efficiency (WE)	WE 1 Rainwater Harvesting	a	Provide layout plan showing rainwater harvesting catchment areas			
		b	Submit Method and application of systems for rainwater harvesting in report and diagrams (catalogue, spec)			
	WE 4 Water Efficient Fittings	a	Submit number of fittings (basin taps, bib taps, shower taps, showerhead, WC, sink taps, etc)			RSP to tabulate the schedule for every unit type
		b	Submit water fittings and sanitary wares selection		Received list of material for High end condo Jalan Kia Peng	No water saving type for hand bidet, sink tap, bib tap for units No fittings selection for facilities level