

GREEN AND GRACIOUS BUILDER SCHEME CRITERIA - SUMMARY

Criteria	Points (Max)
Company Policy	2
Housekeeping & Air Quality	18
Accessibility	13
Public Safety	9
Noise & Vibration	27
Communication	11
Manpower Management	20
Innovation and Exemplary Practices	5
Total	105

GREEN AND GRACIOUS BUILDER SCHEME CRITERIA - CHECKLIST

Criteria		Maximum Possible Points	Score Obtained
Company Policy		Subtotal: 2	/2
Procedure / Planning	Policy statement to adopt gracious practices	2	
Housekeeping & Air Quality		Subtotal: 18	/18
Procedure / Planning	In-house procedures to encourage good housekeeping at site	3	/3
	<i>a) Procedures on housekeeping at site</i>	1	
	<i>b) Designated storage space at site</i>	1	
	<i>c) Implementing good housekeeping measures at site</i>	1	
Practices	Measures to address dust generated from material storage and construction vehicles	6	/6
	<i>a) Cover dust generating materials during storage/transportation</i>	1	
	<i>b) Provide water sprays to dampen dust generating materials during storage/transportation</i>	1	
	<i>c) Paved/precast concrete planks access at site</i>	1	
	<i>d) Spray main haul road with water</i>	1	
	<i>e) Control vehicle speed at site</i>	1	
	<i>f) Cover and secure all loads on vehicles before leaving site</i>	1	
	Measures to address refuse accumulation and collection	4	/4
	<i>a) Provide properly covered receptacles for food waste</i>	1	
	<i>b) Provide suitable designated refuse points</i>	1	
	<i>c) Inculcate good practice among staff, including subcontractor staff</i>	1	
	<i>d) Store refuse that is pending removal in receptacles with close fitting covers</i>	1	
	Proactive vector control measures at site	5	
Accessibility		Subtotal: 13	/13
Practices	Well signed site with clean and unobstructed site access/entrance	3	/3
	<i>a) Keeping site access properly maintained and unobstructed</i>	1	

	<i>b) Providing signage from entrance to site office to facilitate entry by visitors</i>	1	
	<i>c) Providing conspicuous/effective signage</i>	1	
	Consideration given to wheelchair accessibility around site	2	/2
	<i>a) Designing passageways/walkways that include barrier free consideration around site</i>	1	
	<i>b) Well-designed and effective passageways/walkways that include barrier free consideration around site (gradient 1:12)</i>	1	
	Measures to address possible causes of traffic obstruction	4	/4
	<i>a) Identify and address factors such as parking, location of rubbish skips, delivery routes</i>	1	
	<i>b) Provide trained traffic controllers to ensure smooth traffic in and out of site</i>	1	
	<i>c) Set restricted delivery times to avoid causing obstruction during peak hours</i>	1	
	<i>d) Provide traffic mirrors for blind spot</i>	1	
	Ensure sufficient and effective signages around site to guide both motorists and pedestrians	4	/4
	<i>a) Put up signage and directional signs to guide motorists and pedestrians</i>	1	
	<i>b) Ensure that existing road names, signboards, directional signs are not blocked by hoardings or construction works</i>	1	
	<i>c) Present signage in different languages</i>	1	
	<i>d) Provide variable messaging system</i>	1	
Public Safety		Subtotal:	/9
		9	
Practices	Sufficiently designed and well-maintained hoarding and walkways <i>Examples: Providing well-maintained walkway with adequate lighting</i>	2	
	Consideration given for the provision of footpaths in the following: 1) Sufficient width to cater for pedestrian volume/demand 2) Provision of alternate footpath when existing footpath is being used for construction works	2	/2
		1	
		1	

	<p>Provide vehicular barriers at passageways located close to/near to roads</p> <p>Examples: a) Providing effective barriers b) Providing temporary barriers for pedestrians</p>	3	
	<p>Comprehensive assessment and monitoring of surrounding buildings</p> <p>Examples: Carrying out comprehensive assessment and monitoring of surrounding buildings so as to prevent settlement, movement or damage to surrounding buildings</p>	2	
Noise & Vibration		Sub-total: 27	/27
Procedure / Planning	Set specific goals and KPIs to address the following factors: a) Noise b) Vibration	4	/4
		2	
		2	
	Measures and efforts to minimise noise disturbance through careful scheduling of noisy construction activities	1	
	Examples: Scheduling noisy activities in order to avoid sensitive time periods such as early mornings, evenings, weekends and public holidays		
	Operational procedures in place to mitigate noise and vibrations a) Efforts to plan and locate noise source (Eg. vehicles, generators away from residents) b) Procedures to ensure construction plant & machinery are properly maintained c) Efforts to train workers to handle materials carefully to reduce impact noise d) Use of noise barriers for construction plant & machinery	4	/4
	1		
	1		
	1		
	1		
KPI	Performance rating of noise and vibration	4	
Technology	<p>Use of alternative construction methods/machines to address noise and vibrations</p> <p>Examples (non-exhaustive): a) Non percussion piling b) Low noise generators c) Robotic crusher d) Wire saw</p>	10	

	e) Hydraulic splitter f) QUI cutter		
Practices	Installation of noise and vibration monitoring meters both on and off site	4	
Communications		Sub-total: 11	/11
Practices	Send out letters and memos to neighbouring residents to inform key milestones or major construction works Examples: a) Sending out letters and memos at “some key milestones”, “most key milestones” or “all key milestones” b) Use of social media eg, Facebook, Twitter, Instagram) Examples of milestones (non-exhaustive): a) Introduction to commencement of work b) Commencement of demolition work c) Commencement of piling work d) Major delivery of materials e) Diversion of traffic	3	
	Provide designated hotline on company posters and banners for public to call	2	
	Guidelines and documents on the handling of feedback cases Examples: Keeping proper site record of feedback received and follow-up actions	2	
	Measures and procedures to minimise security concerns to neighbouring residents	4	/4
	a) <i>Out of office security measures</i>	1	
	b) <i>Crime prevention talks</i>	1	
	c) <i>24-hr security guard on site</i>	1	
	d) <i>Providing CCTV around site</i>	1	
Manpower Management		Sub-total: 20	/20
Practices	Taking care of site personnel welfare a) Facilities b) Initiatives Examples (non-exhaustive): a) <i>Hot/cold water points</i> b) <i>Proper workwear and footwear</i> c) <i>Recreational activities / site canteen</i> d) <i>Rest area</i> e) <i>Boot washing points</i>	10	

	<p>Ensure proper living conditions for site personnel</p> <p>a) Living conditions b) Transportation</p> <p><i>Examples (non-exhaustive):</i></p> <p>a) Clean, ventilated dormitory rooms that are not overcrowded b) Provision of proper sanitary facilities c) Provision of facilities e.g. cooking/ washing machines/ dryers d) Enforcing house rules to control disturbances to neighbourhood e) Provision of transport (bus, lorry with seats)</p>	5	
	<p>Management of site personnel</p> <p>a) Site operation b) Conduct</p> <p><i>Examples (non-exhaustive):</i></p> <p>a) Conduct tool box meetings b) Provide clear instructions via handbooks, posters & leaflets c) Brief workers on site regulations & conduct d) Set-up of disciplinary procedures</p>	5	

Innovation and Exemplary Practices	Maximum Possible Points	
<p>Procedures or innovative use of construction technology and/or special construction methods to address environmental concerns, site challenges, best manpower management practices and/or exemplary practices to minimise concerns of the public</p> <p><i>Guidelines:</i> They should be proposed / counter-proposed by builder "Think out of the box" approach Gracious gestures towards the community and public stakeholders</p>	5	

Total:	/105
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