

GSAS RESOURCES LOG

GSAS DESIGN & BUILD CALCULATORS- V2.1 BUILDING SCHEMES



URBAN CONNECTIVITY [UC]			Commercial	Single Residential	Group Residential	Education	Mosques	Hospitality	Light Industry	Workers Accommodation	Sports	Healthcare	Railways	Parks
			Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
UC.1	Proximity to Infrastructure	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
UC.2	Load on Local Traffic Conditions	ISSUE	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	X	X
		DATE	Sep 2015		Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	
UC.3	Public Transportation	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
UC.4	Private Transportation	ISSUE	Issue No.1	X	X	Issue No.1	X	Issue No.1	Issue No.1	X	Issue No.1	Issue No.1	X	X
		DATE	Sep 2015			Sep 2015		Sep 2015	Sep 2015		Sep 2015	Sep 2015		
UC.5	Sewer & Waterway Contamination	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
UC.6	Acoustic Conditions	ISSUE	Issue No.1	X	Issue No.1	Issue No.1	X	Issue No.1	X	X	X	Issue No.1	X	X
		DATE	Sep 2015		Sep 2015	Sep 2015		Sep 2015				Sep 2015		
UC.7	Proximity to Amenities	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	X	Issue No.1	Issue No.1	X
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015		Sep 2015	Sep 2015	Apr 2016		Sep 2015	Sep 2015	
UC.8	Accessibility	ISSUE	Issue No.1	X	X	Issue No.1	Issue No.1	X	X	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015			Sep 2015	Sep 2015				Sep 2015	Sep 2015	Sep 2015	Apr 2016
UC.10	Solid Waste Load	ISSUE	X	X	X	X	X	X	X	X	X	X	X	Issue No.1
		DATE												Apr 2016

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SITE [S]			Commercial	Single Residential	Group Residential	Education	Mosques	Hospitality	Light Industry	Workers accommodation	Sports	Healthcare	Railways	Parks
S.1	Land Preservation	ISSUE	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015		Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015
S.2	Water Body Preservation	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
S.3	Habitat Preservation	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
S.4	Vegetation	ISSUE	Issue No.2	Issue No.2	Issue No.2	Issue No.2	Issue No.2	Issue No.2	Issue No.2	Issue No.1	Issue No.2	Issue No.2	Issue No.2	Issue No.1
		DATE	Apr 2016	Apr 2016	Apr 2016	Apr 2016	Apr 2016	Apr 2016	Apr 2016	Apr 2016	Apr 2016	Apr 2016	Apr 2016	Apr 2016
S.5	GSAS Construction Management - Partial	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
S.6	Rainwater Runoff	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
S.7	Heat Island Effect	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
S.8	Wind Comfort	ISSUE	Issue No.1	X	Issue No.1	Issue No.1	X	Issue No.1	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	X
		DATE	Sep 2015		Sep 2015	Sep 2015		Sep 2015	Sep 2015		Sep 2015	Sep 2015	Sep 2015	
S.9	Noise Pollution	ISSUE	Issue No.1	X	X	Issue No.1	X	Issue No.1	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015			Sep 2015		Sep 2015	Sep 2015		Sep 2015	Sep 2015	Sep 2015	Sep 2015
S.10	Light Pollution	ISSUE	Issue No.1	X	X	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015			Sep 2015		Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015
S.11	GSAS Construction Management - Full	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
S.12	Parking Footprint	ISSUE	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015		Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
S.13	Shading	ISSUE	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015		Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
S.14	Visual Comfort	ISSUE	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.2	Issue No.1	Issue No.2	Issue No.1
		DATE	Sep 2015		Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Aug 2016	Sep 2015	Aug 2016
S.15	Pathways	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
S.16	Mixed Use	ISSUE	Issue No.1	X	X	X	X	X	X	X	X	X	X	X
		DATE	Sep 2015											
S.17	Crime Prevention	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
S.18	Desertification	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												

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Energy [E]			Commercial	Single Residential	Group Residential	Education	Mosques	Hospitality	Light Industry	Workers Accommodation	Sports	Healthcare	Railways	Parks
E.1-E.5	Energy	ISSUE	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	X
		DATE	Oct 2016	Jun 2016	Oct 2016	Oct 2016	Oct 2016	Oct 2016	Oct 2016	Oct 2016	Oct 2016	Jun 2016	Jun 2016	
E.2-E.5	Energy	ISSUE	X	X	X	X	X	X	X	X	X	X	X	Issue No.3
		DATE												Jun 2016

Calculator Name

- GSAS_V2.1_DES_E_01-05_Energy Performance
- GSAS_V2.1_DES_E_02-05_Energy Performance

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Water [W]			Commercial	Single Residential	Group Residential	Education	Mosques	Hospitality	Light Industry	Workers Accommodation	Sports	Healthcare	Railways	Parks
W.1 W.2	Water	ISSUE	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	x
		DATE	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	* Jun 2016 (Spt)	Jun 2016	
W.1	Water Consumption	ISSUE	x	x	x	x	x	x	x	x	x	x	x	Issue No.3
		DATE												Jun 2016
W.3	Prevention against Legionella	ISSUE	x	x	x	x	x	x	x	x	x	x	x	x
		DATE												

Calculator Name

- GSAS_V2.1_DES_W_01-02_Water Efficiency, Consumption and Reuse

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Materials [M]			Commercial	Single Residential	Group Residential	Education	Mosques	Hospitality	Light Industry	Workers Accommodation	Sports	Healthcare	Railways	Parks
M.1	Regional Materials	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
M.2	Responsible Sourcing of Materials	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
M.3	Recycled Materials	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
M.4	Materials Reuse	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
M.5	Structure Reuse	ISSUE	Issue No.1	X	X	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	X
		DATE	Sep 2015			Sep 2015		Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015	
M.6	Design For Disassembly	ISSUE	Issue No.1	X	X	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	X
		DATE	Sep 2015			Sep 2015		Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015	
M.7	Life Cycle Assessment (LCA)	ISSUE	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3	Issue No.3
		DATE	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016	Jun 2016

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Indoor Environment [IE]			Commercial	Single Residential	Group Residential	Education	Mosques	Hospitality	Light Industry	Workers Accommodation	Sports	Healthcare	Railways
IE.1	Thermal Comfort	ISSUE	Issue No.1	X	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015			Sep 2015	Jul 2015	Sep 2015	Sep 2015		Sep 2015	Sep 2015	
IE.2	Natural Ventilation	ISSUE	Issue No.1	X	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	X	X	X
		DATE	Sep 2015		Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015			
IE.3	Mechanical Ventilation	ISSUE	Issue No.2	X	Issue No.2	Issue No.2	Issue No.2	Issue No.2	Issue No.2	X	Issue No.2	Issue No.2	Issue No.2
		DATE	Aug 2016		Aug 2016	Aug 2016	Aug 2016	Aug 2016	Aug 2016		Aug 2016	Aug 2016	Aug 2016
IE.4	Illumination Levels	ISSUE	Issue No.2	X	Issue No.2	Issue No.2	Issue No.2	Issue No.2	Issue No.2	X	Issue No.1	Issue No.2	Issue No.2
		DATE	Aug 2016		Aug 2016	Aug 2016	Aug 2016	Aug 2016	Aug 2016		Aug 2016	Sep 2015	Aug 2016
IE.5	Daylight	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.3	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2016	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015
IE.6	Glare Control	ISSUE	Issue No.1	X	X	Issue No.1	X	X	Issue No.1	X	X	X	X
		DATE	Sep 2015			Sep 2015			Sep 2015				
IE.7	Views	ISSUE	Issue No.1	X	X	Issue No.1	X	X	X	X	X	Issue No.1	X
		DATE	Sep 2015			Sep 2015						Sep 2015	
IE.8	Acoustic Quality	ISSUE	Issue No.1	X	Issue No.2	Issue No.1	Issue No.1	Issue No.2	Issue No.1	Issue No.1	Issue No.1	X	Issue No.2
		DATE	Sep 2015		Dec 2015	Sep 2015	Sep 2015	Dec 2015	Sep 2015	Apr 2016	Sep 2015		Dec 2015
IE.9	Low-Emitting Materials	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015
IE.10	Indoor Chemical & Pollutant Source Control	ISSUE	X	X	X	X	X	X	X	X	X	X	X
		DATE											

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Cultural and Economic Value [CE]			Commercial	Single Residential	Group Residential	Education	Mosques	Hospitality	Light Industry	Workers Accommodation	Sports	Healthcare	Railways	Parks
CE.1	Heritage & Cultural Identity	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
CE.2	Support of National Economy	ISSUE	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1	Issue No.1
		DATE	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Sep 2015	Apr 2016	Sep 2015	Sep 2015	Sep 2015
CE.3	Green Partnerships	ISSUE												Issue No.1
		DATE	X	X	X	X	X	X	X	X	X	X	X	

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Management and Operations [MO]			Commercial	Single Residential	Group Residential	Education	Mosques	Hospitality	Light Industry	Workers Accommodation	Sports	Healthcare	Railways	Parks
MO.1	Commissioning Plan	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.2	Waste Management	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.3	Facility Management	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.4	Water and Refrigerant Leak Detection Systems	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.5	Energy & Water Use Sub-metering	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.6	Automated Control Systems	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.7	Hospitality Management Plan	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.8	Sustainability Education and Awareness Plan	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.9	Building Legacy	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.10	Vertical Transportation	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.11	Health and Safety Plan	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.12	Housing Standards Plan	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												
MO.13	Workers Welfare Plan	ISSUE	X	X	X	X	X	X	X	X	X	X	X	X
		DATE												