Category	Credit	Green Star Buildings Credit	Green Star Buildings NZ Draft v1.0 Credit Criteria	Related DAB NZv1.1 Credits	GAP from DAB NZv1.1 to GSB AUS v1.0	GAP from GSB AUS v1.0 to GSB NZ Draft v1.0	GAP from DAB NZv1.1 to GSB NZ Draft v1.0	Expert Reference Panel (ERP)
	Number 1	Industry Development	Credit Achievement The building owner or developer appoints a Green Star Accredited Professional. The building owner or developer diadoses the cost of sustainable building practices to the NZGBC. The building owner or developer markets the building's sustainability	1.0 GSAP INN Challenge: Financial Transparency Inn Challenge INN Challenge: Marketing Excellence	This is a combination of previous credits which include appointing a GSAP. Marketing Excellence and Financial Transparency, instead of awarding 2 points, only 2 point is available in Green Star Buildings for project teams to achieve all of these sustainable initiatives.	Jecanages makes tasked on Industry consultation, EPP and Expert Fedback) This credit was densed to be appropriate for a NZ context, and was streamlined from CSB AUS v1.0 to CSB NZ Draft v1.0 with minor changes.	To This is a combination of previous credits which include appointing a GSAP, Marketing Excellence and Financial Transparency. Instead of awarding 3 points, only 1 point is available in Green Star Buildings for project teams to achieve all of these sustainable initiatives.	ERP - Governance & Places
			achievements. Minimum Expectation The builder of head contractor has an environmental management system in place to manage its environmental impacts on site. The builder due to a state of the second second second second second the scope of construction schriftles. The builder duerts at least 40% of construction and demolition waste from landriff.	7.1 Environmental Management Plan 7.2 Environmental Management System 22.28 Percentage Benchmark - Construction and Demolition Waste	Environmental Management System (EMS), Environmental Management Plus (EMP), 80% wate diversion from landfil and head contractor unstandality training are Minimum Expectations GSB AUS v1.0. Altogether they can be awarded at least 2 points under DAB N2V1.1. The compliance condition related to the certified EMS requirement has raised from a contract value of \$10 million to \$25 million.	From Industry review and consultation, the Milliamum Requirement for Construction and Demolition Waste Diversion was changed from 80% to 40%. 2. In order to facilitate the market transformation, provisions were added to allow the Responsible Party (eg: Builders or Hed Contraction) being certified part-way through the Project. Additional terms apply for this to be approved.	The DAB NZ v1.0 credits: 7.1 - Environmental Management Plan (EMP) and 7.2 - Environmental Management System (EMS): a 40% waste diversion from landfill requirement and a head contractor sustainability training requirement are now merged together and made into 1 Minimum Expectation under Green Star Buildings NZ Draft v1.0.3 2. Under Design & As Built NZVI.1 he requirement for head contractor training is 80%. Now Green Sate Building NZ Draft v1.0 has raised the benchmark to 95%.	
	2	Responsible Construction	The head contractor provides training on the sustainability targets of the building. Credit Achievement • Wate contractors and facilities comply with the Green Star Construction and Demolition Wate Reporting Criteria. • 70% of construction and demolition wate is deveted from landfill, or less thus Isig/m2(GFA) construction and methodic wate is deveted from landfill, or less thus Isig/m2(GFA) construction and methodics wate is generated and set to	22.1 Reporting Accuracy 22.28 Percentage Benchmark - Construction and Demolition Waste	Onder Deging in an an Ark I and the Equinment of neurolation of any given row of een sub- har neide the benchmark to 95%. The fixed benchmark available in DAB N2v1.1 does not exist in the GSB AUS v1.0	INZGEC reviewed industry feedback through the consultation process, and consulted with experts to alter the Credit Achievement for Construction and Demolition Waste Diversion. It was changed from 80% to 70%. 2. An alternative pathway to the credit achievement was added: i.e. less than 15kg/m2(GFA) of construction and demolition wate is generated and sent to landfit. 3. References to New Zealand Green Star Construction and Demolition Waste Reporting Criteria and Enviro- Mark Certification scheme.	The fixed benchmark (less than 15kg/m2(GFA) of construction and demolition waste generated and sent to landfill) was brought over from DAB NZ v1.1 to GSB Draft NZ v1.0.	ERP - Waste & Construction
	3	Verification and Handover	amone. Minimum Espectation The building is set up for optimum ongoing management due to its appropriate The building is built environmental parformance targets, designed and tested for airightness, been commissioned, and will be tuned. The project team create and delive operations and maintenance information to the facilities management team at the time of handover. Information is available to building users on how to best use the building.	2.1 Environmental Performance Targets, Commissioning and Tuning 6 Metering and Monitoring 2.2 Services and Manitanability Review 4.1 Building Operations and Maintenance 2.8 4.3 Building Log book & Building User Information 1NM - Exceeding Green Star Benchmarkt - Air Permeability	In addition to Commissioning pard Tuning and Environmental Performance Targets which are already mandatary requirements under Datign 8 & Buill N2r11, Mesning and Monitoring. Artigitisens Design earling and Building Information all became minimum expectitions under Green XII & Building in Australia. The air tightness criterion in Green Star Buildings requires project team to integrate air tightness into the commissioning process and conduct testing to learn an much about the process as possible. Instead of setting up a clear benchmark for air tightness testing goals, Green Star Buildings require project teams to set reasonable goals and verify that those goals have been met.	Refer meeting requirements to liker Zealand standards and guides such as NABERSNZ, Water New Zealand Good Practice Guide and NZS 5259-2015 etc. If applicable, process loads and PV systems are to be metered separately. If applicable, process loads and PV systems are to be metered separately. To The monitoring return must be commissioned to generate at a minimum annual and monthly reporting of building and meter energy data.	In additions to Commissioning and Tuning and Environmental Performance Targets which are already matasitary, requirements under Danig Fa Abilit NUTS-1. Metering and Monitoring, Artightness Design and Teiring and Buildings Information al combine together and become minimum expectations under Green Star Buildings. The air tightness criterion in Green Star Buildings requires project team to integrate air tightness into the commissioning process and conduct testing to team as much about the process as possible intead of setting up actes methands for air tightness testing goals, cireno Star Buildings require project teams to set reasonable goals and verify that those goals have been met.	ERP - Energy & Carbon
			Credit Abhievement - An independent level of verification is provided to the design, planning, commissioning and tuning activities through the involvement of an independent commissioning agent. - Or - The project uses a soft landings approach that involves the future facilities management team. For large anreaders, both must occur.	2.3 Independent Commissioning Agent. INN. Market transformation - Soft Landings Approach	Soft Landrags is recognised as an innovation under Design & As Buit Rov.1.1. The soft landre approach is now an alternative pathy and we hedgenedic commissioning Agent in there saft a fullating or projects that comply. For buildings with a Total Building Services Value of over \$20m, both requirements must be met.	This criterion was deemed to be appropriate for a NZ context, and was streamlined from GSB AUS v1.0 to GSB NZ Draft v1.0 with other minor changes.	 Soft Landrag is an Innovation recognised under Design & As Buill N2D1. It now becomes an alternative pathway to independent Constraisioning agent in Core Sars Buildings for projects that compty. For buildings with a Total Building Services Value of over \$20m, both requirements must be met. 	
Rep	4	Responible Resource Management	Minimum Expectation There are two pathways available in this credit: a 'Performance Pathway' that relies on specific best practice requirements. Prescriptive Pathway Facilities - The building is designed for the collection of separate wate and resource stream. - Torage - Torage provides a declarated and adequately sized waste and resource area. - The building ensures safe and efficient access to waste and resource ators. - Performance Pathway: Specialist Pan - A waste prefoculant greaters and implements an Operational Waste Management Pano (Yourdy Not approjet in accordance with best practice approaches and this in reflected in the building's design.	8 Operational Waste	1. The Reportable Resource Management credit streamlines the Prescriptive Pathway from Operational Water in besite A Sub Rit X21. This Credit is also now a Minimum Expectation in Green Star Buildings which is Mandatory for every project to achieve. 2. The Performance pathway requirement of an Operational Waste Management Plan in Design & As Built X2v1.1 is not available in Green Star Buildings AUS v1.0.	1. The Performance pathway requirement for an Operational Waste Management Plan is added back into the GSB Draft N2 v1.1, after industry comunitation. 2. The Operational Waste Management Plan must be prepared by a qualified waste auditor or waste specialist.	The Responsible Resource Maragement cetti in GS ND Drift v1.0 mostly streamlines from the cetted of Operatoria Materia Inbeling A shall ItX2.1.1 Mover, this Cetti Resource a Minimum Expectation in Green Star Buildings which is Mandatory for every project to achieve.	ERP - Wate & Construction
pnsible	5	Responsible Procurement	Credit Achievement Organizations with annual revenue over 5.20 million: The building's design and construction procurement processes follow 60 20400 Statianable Procurement – Guidance by undertaking a risk and opportunities assessment. A responsible procurement plan is developed to miligate risks and implement opportunities destified in the assessment. OR Caracterizations with annual revenue less than 5.20 million: The building's design and construction procurement processes follow 60 20400 Statianable Procurement – Guidance by undertaking a risk and opportunities assessment for the top 5 fude packages by spend that include assessment in: o) Annum rights o) answering offers in Includer, contracts and supplier management should be dentified in the assessment.	19.1 Upfront Carbon Reduction - Absolute and Reference pathway 19.2 Comparative Life Cycle Assessmen	Responsible Procurement is a relatively new credit in Green Sur Buildings, it sets requirements for risk and opportunities direttified. Responsible Procurement is a relatively new credit in Green Sur Buildings, it sets requirements for risk and opportunities direttified. The project must comply with both of the following oriteria: a Ria and Opportunity Assessment S. Responsible Procurement Plan Project asponitore theory of the following oriteria: a Ria and Opportunity Assessment b. Responsible Procurement Plan risk and opportunities lowing in Course Surger Surg	Samdards updated to the relevant standards used in NZ. A similaride pathway added for projects valued at less than \$25 million with the intention to encourage uptakes of this credit and help the market to reform.	This is a new credit in GSB NZ Draft v1.0. It deals with similar issues that are also targeted by the proposed (at the time of publication) Modern Slavery Act. Care is given to bring about algoment between GSB NZ Draft v1.0 and the Act.	ERP - Products, Materials and Upfront Carbon
			Credit Achievement • 50% of all structural components (by cost) meet a Responsible Products Value of at least 10.		1. This Credit is Part of the Responsible Products Framework, as developed by GRCA. Please refer to their website for drelation the Framework and any up-to-date licit of range schemes and associated products that can be targeted (https://new.glca.org.au/green.star/rating-system/responsible-products-framework/) 2. The method of recognising products and materials under Green Star Buildings is very different to Design &	The Responsible Products Tranework (RPf) developed by the GBCA will be directly adopted into GSB NZ Draft v1.0. NZ adaptations have been incoporated in this framework where applicable for NZ based projects. NZ based schemes and manufacturers can have their products verified through the RPF. Please refer to GBCA's webpits for further direction.	 This Credit is Part of the Responsible Products Tramework, as developed by GBCA. Please refer to their website for chail on the Tramework and an up-to-date list of rating stores and associated products that can be targeted (https://new.gbca.org.au/green-star/rating-system/responsible- products-framework/) 	

Category	Credit	Green Star Buildings Credit	Green Star Buildings NZ Draft v1.0 Credit Criteria	Related DAB NZv1.1 Credits	GAP from DAB NZv1.1 to GSB AUS v1.0	GAP from GSB AUS v1.0 to GSB NZ Draft v1.0	GAP from DAB NZv1.1 to GSB NZ Draft v1.0	Expert Reference Panel (ERP)
	Number				As Pulk M2rt 1. Neuroney, the scalit intention compiles the same	(Changes made based on industry consultation, EKP and Expert Feedback)	12. The method of excessions conjusts and materials under Crean Star Buildings, is your different to	
	6	Responsible Structure	Exceptional Performance In conjunction with the Credit Achievement: • 10% of all products in the structure (by cost) meet a Responsible Products Value of at least 15 Cr		Pro Built NEXELE INVERTED, une Clean international probability initiatives can now be recognised and taken into account to acclustate each product's RPV.		 The relation of recogning products and metanas under Green sale buildings is very unreference Design & As Built N2v1.1. However, the credit intention remains the same. GSB Aus and GSB NZ Draft v1.0 use the "Responsible Products Value" (RPV) as a means to determine complication with the credit criteria. More sustainability initiatives can now be recognised 	
			e 80% of all products in the structure (by cost) meet a Responsible Products Value of at least 10.		 Products and materials have been classified into Best practice and Good practice products, which is based on the RPV to help project teams to demonstrate their compliance. 		and taken into account to calculate each product's RPV. 4. Products and materials have been classified into Best practice and Good practice products, which	
	7	Responsible Envelope	Credit Achievement 20% of all building envelope components (by cost) meet a Responsible Products 20% of all building envelope (by cost) meet a Responsible Products In addition to the Credit Achievement, one of the following is met: • 10% of all products in building envelope (by cost) meet a Responsible Products Value score of all text JS.		S. A total of 13 Points across the 4 credits are available to target under this Framework: - 5 Points for Structure - 4 Points for Freedope - 2 Points for Systems - 2 Points for Finishes.		is based on the RPV to help project teams to demonstrate their compliance. S. A total of 13 Points across the 4 credits are available to target under this Framework: - 5 Points for Structure - 4 Points for Envelope - 2 Points for Finishes.	
			0K 60% of all products in building envelope (by cost) meet a Responsible Products Value of at least 10.	19.1 Comparative Life Cycle Assessment 20 Responsible Building Materials 21 Sustainable Products				ERP - Products, Materials and Upfront Carbon
	8	Responsible Systems	Credit Achievement 20% of all active bundling systems (by cost) meet a Responsible Products Value of at least 6. Ecoptional Performance in addition to the Credit Achievement, one of the following is met: + 5% of all active building systems (by cost) meet a Responsible Products Value of at least 11.					
			OR • 35% of all active building systems (by cost) have an average Responsible Products Value of at least 6.					
	9	Responsible Finishes	Creat Antweement 20% of all internal building finishes (by cost) meet a Responsible Products Value of at least 7. Exceptional Performance in addition to the Credit Achievement, one of the following is met: - 30% of all internal building finishes (by cost) meet a Responsible Products Value of at least 12					
			OR • 60% of all internal building finishes (by cost) meet a Responsible Products Value of at least 7.					
	10	Clean Air	Minimum Expectation = Levels of indoor pointants are maintained at acceptable levels. = A close of the second se	9.1 Ventilation System Attributes 9.2 Provision of Outdoor Air 9.3 Exhaust or Elimination of Pollutants	This credit is derived from the original Indoor AF Cuality credit in Design & A Built N2-11. The following requirements are set as Minimum (Expectation) in GBA M2-51. 20. - Levels of Indoor pollutants are maintained at acceptable levels. - A July here of outcomposition are provided to 20. Soft improvement over recognised standard. - Polutants entering the building are minimised.	Luder the Provision of Dudoor Ark's minimum requirements, the pathway allowing 'Comparison to Industry Standards (for)- Class 2 and Class 3 Building' was removed to avoid potential misinterpretation. The minimum appendix on for "Shauta Climination of Pollutants' now requires compliance with section 25 of to AS 15 (682-2022, for minimum preveds of filtration. So Sta ALS 10.682.2022, for minimum levels of filtration. So Sta ALS 10.682.2022, for minimum levels of filtration. So Sta ALS 10.682.2022, for minimum levels of filtration. So Sta ALS 10.682.2022, for minimum levels of filtration. A Clink of the second state of the second st	This credit is derived from the original indoor AF Quillity credit in Design RA & Juin NO-L1. The following requirements are set as Minnimum Depication in ToR ND Conft v1.0: - Levels of indoor pollutants are maintained at acceptable levels. - A high level of outcoin air is provided = LoS (improvement over recognised standard. - Pollutants entering the building are minimised.	ERP - Health & Wellbeing
			Credit Achievement In addition to the Minimum Expectation: • The building's ventilation systems allow for easy maintenance. • A high level of outdoor air is provided.	9.2 Provision of Outdoor Air	This credit is derived from the original Indoor Air Quality credit in Design & As Built NZv1.1. The number of points available for this credit have decreased. In GSB AUS v1.0 (and GSB NZ Draft v1.0), only 2 points can be achieved when the building's vertilation systems allow for easy maintenance, and high levels of outdoor air provides i.e. 100% improvement over recogniced studied. In contrast, projects that meet all the requirements can achieve a total of 4 points under Design & As Built NZv1.1.	Under the Provision of Ourdoor Ar's Credit Achievement requirements, the pathway allowing 'Comparison to Industry Standards (Tor) - Class 2 and Class 3 Buildings' was removed avoid potential misinterpretation. 2. GSB AL2 v1/3 guidance considers the credit achievement requirements to be met if a building achieves a Pasalve House certification. This was removed in GSB AC Darlu 1.0. 3. Under the Provision of Ourdoor Ar's Credit Achievement requirements, the pathway for Comparison to Industry standards makes an additional reference to the NZS 4303-1990 along with the AS 1668.2:2012.	This credit is derived from the original indoor Air Quality credit in Design & As Built N2v11. The number of points available for this credit have decreased. In GSB N2 Draft v1.0, 2 points can be achieved when the building's ventilation systems allow for easy maintenance, and high levels of uiddoor air provides i.e. 100% improvement over recognised studied. In contrast, projects that meet all the requirements can achieve a total of 4 points under Design & As Built N2v1.1.	
	11	Light Quality	Ninimum Espectation Lighting with building meets minimum confront requirements. Good lighting levels suitable for the typical tasks in each space are available. The building provides adequate levels of darylight. Credit Ashieveent In addition to the Minimum Expectation: The building provides best practice access to darylight. Exceptional Performance Recognitional Performance Recognition	11.1 Minimum Lighting Conflort 11.2 General Illuminance and Giare 11.3 Surface Illuminance 12.2 Oarly Reduction 12.2 Oarly Reduction 12.3 Views	This credit combines the requirements for Lipting Control r and Daylph from Deign & AS built NO-1.1. Requirements for Lipting design have people through major changes in GSA JUS-11.0 People Texangle, there is an increased minimum requirement for CBI and all light sources must have a minimum of 3 MacAdam Ecipier, amongsf further changes. The daylight requirement and glare reduction requirement from light sources remain the same as Design & As Boat KAZ-1. The following criteria become minimum expectations in GSB NZ Draft v1.0 that every project needs to achieve: - Lipting Confront - Glare from Light Sources - Daylight	The Minimu Expectation under Giver from Light Sources was amended. A requirement was added under Perceptipte Method Traugning that the "Spring dennity should be controlled to avoid sudden brightness and contrasts from normal viewing angles of occupants".	This credit combines the requirements for Lighting Confront and Davight from Design & 4.6 kml VAV1.1. Requirements for Lighting Gauge May around the Confront and Davight for AV1.0 to GGM NZ David VLD. For example, there is an increased minimum requirement for CR i and all light sources must have a minimum of 3 MACRAME Edgise; amongst further changes. The daylight requirement and glare reduction requirement from light sources remain the same as Design & As Jult NZ-1. The following criteria become minimum expectations in GSB NZ Draft vLD that every project needs to achieve: - Lighting Confort - Glarer from Light Sources - Daylight	ERP - Health & Wellbeing
			Minimum Expectation • An Acoustic Comfort Strategy is prepared to describe how the building and acoustic design aims to deliver acoustic comfort to the building occupants.	New criterion	A new requirement for Acoustic Comfort Strategy is added in GSB AUS v1.0 and GSB NZ Draft v1.0 as a minimum expectation.	The Minimum Expectation is largely streamlined from GSB AUS v1.0 to GSB N2 Draft v1.0.	A new requirement for Acoustic Comfort Strategy is added in GSB AUS v1.0 and GSB NZ Draft v1.0 as a minimum expectation.	

Category	Credit	Green Star Buildings Credit	Green Star Buildings NZ Draft v1.0 Credit Criteria	Related DAB NZv1.1 Credits	GAP from DAB NZv1.1 to GSB AUS v1.0	GAP from GSB AUS v1.0 to GSB NZ Draft v1.0 (Changes made based on industry consultation. ERP and Expert Feedback)	GAP from DAB NZv1.1 to GSB NZ Draft v1.0	Expert Reference Panel (ERP)
					Requirements for internal noise levels reverberation and acoustic separation remain the same as Design & As Built NZv1.1.	Building classifications in GSB AUS v1.0 are updated for NZ relervance in the GSB NZ Draft v1.0.	Requirements for internal noise levels reverberation and acoustic separation remain the same as Design & As Built NZV1.1.	
Healthy	12	Acoustic Comfort	Credit Adherment Inadian to the Minimum Expectation, a combination of the following subject to building type: The building achieves mainimum internal noise levels. and/or The building provides acoustic separation. and/or The building minimises impact noise transfer. miclow The building is designed with reverberation control.	10.1 Internal Noise Levels 10.2 Reverberation 10.3 Acoustic Separation	Only 2 points are available to achieve all of these requirements in GSB AUS v1.0. The Credit Achievement is dependent upon the project type. This credit in Green Star Buildings brings more focus on a systematic acoustic comfort solution. Points cannot be achieved separately for partial compliance.	2. The internal noise level ciferin for naturally ventilated buildings are updated for N2 refervance. 3. Concerns surrounding "skeiging areas," under the Acoustic Separation portion of the credit were addressed. In GSR PC and YL, or perviewnents for FAVery in building contain sleeping areas were usified under the Acoustic Separation auto-section, is the original requirements in GSR ALSY 14. Would make it highly onerous for such projects, and would far exceed the current acoustic provisions in DAB N2V1.1. A the requirement for Particins with doors is updated to address that doors should achieve at least a weighted sound reduction index (BR Re) of 30. S. The impact insulation class requirement for "all other spaces" is reduced from 60 in GSB AUS VL 0 to 50 in GSB N2 Doit VL.0.	Only 2 points are available to achieve all of these requirements in GSB N2 Draft v1.0, instead of 3 as in DAB N2/1.1. The Credit Achievement is dependent upon the project type. This credit in Green Star huiding throme focus on a systematic acoustic comfort solution. Points cannot be achieved seperately for partial compliance.	ERP - Health & Wellbeing
	13	Exposure to Toxins	Minimum Expectation The building's paints adhesives, sealants, and carpets are low in TVOC or nontoxic; and, The building's engineered wood products are low in TVOC or non-toxic; and, • Occupants are not exposed to banned or highly toxic materials in the building.	Indow Pollutants 13.1 Parts, Adlesives, Sealants and Carpets. 13.2 Engineered Wood Products. 24.3 Hazardous Materials	The credit requirements from Indiar Poliulant (ITOOC and Formaldehyte) and Islandous Maderials in Design & Af Built N2V.1 are now Minimum Expectations in GSB NZ Dinit VLD, that projects must comply with. The requirements sourcoming the building spinits, state-lase, submits and engineered wood products remain the same in GSB NLS vLD (and GSB NZ Dinit vLD) as in DAB NZVL1. Requirements for Hazardoux Material remains the same as in DAB NZVL1, but has been renamed to Banned or highly toxic materials in GSB NZ Draft vLD.	An alternative pathway to complicate to the minimum expectations was sided to GGB NZ Dark v.d. 0. Compliance with his incriners in considered to the met IT is TVO time in the GC dark histowness are demonstrated through on site testing, which must take place after practical completion and prior to occupants moving into the building. It must be noted that this is relatively risky: The testing can only be done after practical completion and if the project fails the onsite testing for the Minimum Expectation, then the project will not be eligible for a GSB rating.	The credit requirements from Indoor Pollutants (TVDC and Formatlehyde) and Hazardow Materials in Design 8. A Built R2.1.1 en row Minimum Expectations in GSB NZ Darls 1.0, that projects must sumply with. The requirements surrounding the building's parts, adhesives, scalants and engineered wood products remain the same in GSB AUS 3.0 J (and GSB NZ Darls 1.0) as in DAB NZ/1.1. Requirements for Hazardou Material remains the same as in DAB NZ/1.1, but has been renamed to Banned or highly toxic materials in GSB NZ Darls 1.0. An alternative pathway to compliance to the minimum expectations was added to GSB NZ Darls 1.0. Compliance with this criterion is considered to be met if the TVOC limits in the Craft Abherement are demonstrated through on site toting, which must take pake after practical Abherement are demonstrated through on site toting, which must take pake after practical achieven is an explored through on site toting for the Minimum Expectation, then the project will not be eligible for a GSB rating.	ERP-Products, Materials and Upfront Carbon
			Credit Achievement • On-site tests verify the building has low Volatile Organic Compounds (VOC) and formaldehyde levels.	New Criterion	The On-site VOC Testing credit is new in GSB AUS v1.0. In DAB N2v1.1, this was an innovation and a number of New Zealand projects, at the time of publication, have already started to target this credit.	This credit was deemed to be appropriate for a NZ context, and was streamlined from GSB AUS v1.0 to GSB NZ Draft v1.0 with minor changes.	The On-site VOC Testing credit is new in GSB AUS v1.0. In DAB NZv1.1, this was an innovation and the methodology has been adopted into GSB NZ Draft v1.0.	
	14	Thermal Comfort and Amenity Spaces	Minimum Expectation • A high degree of thermal comfort is provided to accupants in the space, equivalent to 80% of all accupants being satisfied in the space. Confid Arbitrogenent	f 14 Thermal Comfort 1	The requirement for Thermal Comfort is not present in GSB AUS 1.0, due to an update to Australia's bluiding Cade covering the requirements for it. The credit name is "Amenity and Comfort" in GSB AUS 1.0. Beautrements for amenity stars are not resent in DAB 30/1.1. Brains can be arbitrared under the GSB AUS 1.0.	The requirement for Thermail Conflort is not present in GSA AUS 1.0, due to an update to Australia's Building Code covering the requirements for it. However, IX's building code costs on adequately over the requirements for thermail conflort, hence this minimum expectation is streamlined from DAB XZ's11 into GSB XD Darl v1.0. The original credit name is "Amenity and Conflort" in GSB AUS v1.0. The Credit Critics for 1.2 Advanced Thermal Conflort was streamlined from DAB XZ's11 in GSB XD Darl:	This minimum expectation is streamlined from DAR N2 v1.1[the first 1 point in the thermal comfort or edd) into GSR N2 Draft v1.0, however, with no point.	
			The building has dedicated amenity rooms to act as a parent room, relaxation room, or an exercise room. Or Alph degree of thermal comfort is provided to occupants in the space, equivalent to 90% of all occupants being attisfied in the space. Exceptional Performance • Where both items in the credit achievement have been met.		vi D (and GS N2 Draft vi. D) if the building has dedicated amenity rooms to act as parent room, a relaxation room, or an exercise room. The Annehity rooms must meet the following criteria. - Credit Achievement for the tag (D calify Credit. - Credit Achievement for the Azoustic Comfort Credit. - The Inclusive Design" criterion of the Design for Inclusion credit.	v1.0. The 2 points available in the CSR AUSA1.0 for amenity spaces are splitted in the CSB N2 Draft v1.0 with one point for amenity spaces and another one point for advanced thermal comfort.	1 point can be achieved under the GSB KD Draft 1.01 if the building either has advanced thermal confrot or mester significant for amenity spaces. If a project can achieve both criteria, 2 points can be achieved under this credit.	ERP - Health & Wellbeing
	15	Connection to Nature	Credit Achievement The building provides views. The building includes indoor plants and incorporates nature-inspired design. or 5% of the building's regularly occupied areas / or site area (whichever is greater) is allocated to nature in which occupants can directly engage with.	12.3 Views	This credit covers the requirements for Views from DAB N2v1.1. Indoor Plants has been a requirement in the interiors tool and brought into Green Star Buildings. In order to achieve 1 pion, the project needs to provide views and meet one of the following requirements: - "Attract and Nature Impired Design or; - "Views - "Views - "Attract of Nature Impired Design or; - Interaction with Nature	The or cells was deemed to be appropriate for a NZ context, and was streamlined from GSB AUS v1.0 to GSB NZ Draft v1.0 with minor changes.	This credit covers the requirements for Views from DAB K0.1.1 Indoor Planth has been a requirement in the Interfors tool and has been brought into GSB NZ Draft v1.0 In order to achieve 1 point, the project needs to provide views and meet one of the following requirements: - extended on the Interford Design or; - ster action with Nature For 2 points to be achieved; project team needs to comply with all of the following: - Views - Plants and Nature inspired Design or; - Interaction with Nature	ERP - Ecology & Emissions
			Exceptional Performance In conjunction with the Credit Achievement: The building provides views. The building provides views. The building provides views. So of the building regularly accounted areas / or site area (whicherer is greater) is allocated to nature in which occupants can directly engage with.					
			Minimum Expectation • The project team completes the climate change pre-screening checklist. The project team must communicate the building's exposure to climate change hazards, and any identified risks to the clent/building owner.		The Adaptation and Realience coredit under DAB NCAL1 was reviewed and updated for NZ relevance based on this credit in GSU NJ L1D. The enthrough erailence requirements in DAB NZV1.1 is addressed in the Operation Resilience credit under the GSB AUS v1.0	The minimum expectation in GSR IZ Draft VL 0 is targetly treamlined from the DAR NZ4.1. however, with further consideration of malidaptation and requiring the pre-screening checklist to be completed prior to detailed design instead of developed design.	The minimum expectation in GSB NZ Draft V1.0 is targety streamlined from the DAB N2V.1.1, however, with further consideration of multialization and requiring the per-screening decktist to be completed prior to detailed design instead of developed design. The earthquake realience requirements in DAB NZV.1.1 is addressed in the Operation Resilience credit for GSB NZ Draft V1.0.	
	16	Climate Change Resilience	Credit Achievement In addition to the Minimum Expectation: A regret-specific Climate Change Risk Assessment has been developed and implemented in accordance with a recognised standard. A Climate Adaptation Bin has been developed and implemented, including solutions for the building design and construction that specifically address key risks identified in the Climate Change Risk Assessment.	3.1 Climate Change Pre-Screening checkkit. 3.2 Climate Change Risk Assessment and Adaptation Plan		The requirements for the Climate Change Risk Assessment and Adaptation Plan are streamlined from the DAB NCv1.1. The definition for a Suitable Qualified Professional was altered to remove the tertany qualification requirement and expanded to include individuals that have been supervised by suitably qualified practitioners.	The requirements for the Climate Change Risk Assessment and Adaptation Plan are streamlined from the DAB NZV1.1. The definition for a Suitable Qualified Professional was altered to remove the tertiary qualification requirement and expanded to include individuals that have been supervised by suitably qualified practitioners.	ERP - Governance & Places

Category	Credit	Green Star Buildings Credit	Green Star Buildings NZ Draft v1.0 Credit Criteria	Related DAB NZv1.1 Credits	GAP from DAB NZv1.1 to GSB AUS v1.0	GAP from GSB AUS v1.0 to GSB NZ Draft v1.0 (Changes made based on Industry consultation ERP and Expert Eeedback)	GAP from DAB NZv1.1 to GSB NZ Draft v1.0	Expert Reference Panel (ERP)	
-	Rumber				This is a new credit in Green Star Buildings, addressing the acute shocks and chronic stresses as listed below:	All risks rated as "Extreme" must be addressed through specific design responses. Now in GSB NZ Draft v1.0	This is a new credit in Green Star Buildings (not present in the DAB NZv1 1) addressing the acute		
					This is new creat in order star building, addressing the acate shoes and entoine stresses as lated below.	this includes where Low Damage Design is incorporated to address Geological risks.	shocks and chronic stresses as listed below:		
			Credit Achievement	Credit Achievement		Shods - e lalure of critical infrastructure (power, water and digita) - Health pandemic - Water security - Water security - Geological Instands (landsides, earthquakes, tsunamis) - Geological Instands (landsides, earthquakes, tsunamis)	The definition for a Suitable Qualified Professional was altered to remove the tertiary qualification requirement.	Shocks • Failure of rifical infrastructure (power, water and digital) + lealth pandemic • Water security - Candonical heards (Rodfilder, exchanges, fromsmin)	
			The project team undertakes a comprehensive review of the acute shocks and	2.2.0°	· Direct actors (cyber and priyaca)		Direct attack (cyber and physical)		
	17	Operations Resilience	The building's design and future operational plan addresses any high or extreme	Adaptation Plan	Stresses		Strange	ERP - Governance & Places	
2			system-level interdependency risks.	3.3 Earthquake Resilience	Rising cyber dependency		Ageing infrastructure		
esilie			 The building's design maintains a level of survivability and design purpose in a blackout. 		Increasing energy costs I add of semiconstantial interview in the semiconstantial interview		Rising cyber dependency		
at .					Lack of transport accessionity and availability		Increasing energy costs Lack of transport accessibility and availability		
					The Australian version of this credit does not include requirements of LDD Analysis.		The Australian version of this could does not include convicements of LDD Analysis New in CEB N7.		
							Draft v1.0, Low Damage Design is incorporated to address Geological risks if addressed as 'Extreme'.		
					Community Resilience is a new credit in Green Star Buildings (not present in the DAB NZ). It requires project	This credit was mainly streamlined from GSB AUS v1.0 to GSB NZ Draft v1.0 with the following changes:	Community Resilience is a new credit in Green Star Buildings. It requires project teams to undertake		
			Credit Achievement The project team undertakes a peeds analysis of the community, identifies shocks		teams to undertake a needs analysis of the community, identify shocks and stresses that impact the building's	1. Requiring alignment with local civil defence CDEM plans for the vicinity.	a needs analysis of the community, identify shocks and stresses that impact the building's ability to		
	18	Community Resilience	and stresses that impact the building's ability to service the community, and	29.4 Community Benefits (INN)	ability to service the community, and develop responses to manage these.	requirement.	service the community, and develop responses to manage these.	ERP - Governance & Places	
			develops responses to manage these.						
			Credit Achievement		Heat Resilience is new to the New Zealand market as it was not included in DAB NZ. It requires projects to	This credit was deemed to be appropriate for a NZ context, and was streamlined from GSB AUS v1.0 to GSB NZ	Heat Resilience is new to the New Zealand market as it was not included in DAB NZ. It requires		
	19	Heat Resilience	At least 75% of the whole site area comprises of one or a combination of strategies	New Credit	address the Heat Island Effect.	Draft v1.0 with minor changes.	projects to address the Heat Island Effect.	ERP - Governance & Places	
			that reduce the heat island effect.		The code Cold Decision excelsion CCD ALC of 0 and CCD N7 Decision 0 is decised from the Deck Electricity	In CCD ALIC of A project teams may provide a solution where the strategies for Astive Constration and Steamer	The condit Cold Deciling on condition CCD ALIC v1 0 and CCD N7 Deafs v1 0 in derived from the Deale		
					Demand Reduction credit in Design & As Built NZv1.1 with additional avenues to fulfil the credit and 3 points	Systems and Demand Response are used together. In GSB NZ Draft v1.0, this was amended to include Passive	Electricity Demand Reduction credit in Osis Ads v1.0 and GSB N2 Drart v1.0 is derived from the Peak Electricity Demand Reduction credit in Design & As Built N2v1.1 with additional avenues to fulfil the		
			Credit Achievement		available to target instead of 2.	Design Solutions, and the minimum reduction threshold for each strategy was increased to 20%.	credit and 3 points available to target instead of 2.		
			- Climate Positive Pathway -		In order to get 3 points the building must comply with one of the following criteria:	Specific wording has been abded that the peak reduction must angli with the grids maximum demand.	In order to get 3 points the building must comply with one of the following criteria, or provide a		
			and/or		Active Generation and Storage Systems Demand Receipers	The NZGBC is intending to add an alternative compliance pathway based absolute value targets, which will be residule in the future	solution where a combination of the three pathways is used:		
	20	Grid Resilience	The building has the infrastructure to deliver an appropriate demand response strateny	16 Peak Electricity Demand Reduction	Passive Design Solutions	avalable in the fotore.	Demand Response	ERP - Governance & Places	
			and/or				Passive Design Solutions The neak demand reduction must align with the grids maximum demand		
			 The building has reduced its electricity consumption through passive design. 				In GSB NZ Draft v1.0 the building's components must demonstrate a 20% improvement of the peak		
							electricity demand over a reference building, compared to the 15% reduction for the prescriptive pathway in DAB NZv1.1.		
			A minimum upfront carbon reduction compared to a reference building has been		1he Upfront Carbon Emissions credit in Design & As Built NZv1.1 (and the subsequently adapted version in v1.1.1) was created based on this credit in Green Star Buildings with care for a New Zealand context and	In GSB NZ Draft v1.0, 2 additional points are added for Long-term Carbon Storage.	The Upfront Carbon Emissions credit in Design & As Built NZv1.1 (and the subsequently adapted version in v1.1.1) was created based on this credit in Green Star Buildings with care for a New		
			demonstrated.		references to New Zealand specific guidance and calculator.	The credit has been streamlined from Design & As Built NZv1.1 to GSB NZ Draft v1.0 with minor threshold and	Zealand context. Hence the credit has been streamlined from Design & As Built NZv1.1 to GSB NZ		
			Credit Achievement		GSB AUS v1.0 does not have specific requirements for Long Term Carbon Storage which is part of the Life	point allocation changes.GSB NZ Draft v1.0 uses the NZGBC Upfront Carbon Calculator and Methodology.	Draft v1.0 with minor threshold and point allocation changes.		
			- Climate Positive Pathway -	tation:	Cycle Impacts in DAB NZv1.1				
			The building's upfront carbon emissions are at least 20% less than those of a						
			reference building. • Demolition works are offset						
			- Demonstrating monorable of sec.						
	21	Upfront Carbon Emissions	Exceptional Performance	19.1 Upfront Carbon Emissions				ERP - Products, Materials and	
			In conjunction with the Credit Achievement: • The building's unfront carbon emissions are at least 40% less than those of a					Upfront Carbon	
			reference building.						
			The building demonstrates between 50 and 100 kg CO2/m2 of atmospheric						
			carbon storage						
			Exceptional Performance Long-term Carbon Storage						
			In conjunction with the Credit Achievement:						
			 The building demonstrates at least 100 kg CO2/m2 of atmospheric carbon storage 						
			Minimum Expectation		This credit is linked to the Greenhouse Gas Emissions credit in Design & As Built NZv1.1, however with alternative nathways provided to the reference nathway.	To be New Zealand specific, the pathways available in GSB NZ Draft v1.0 have been altered from GSB AUS v1.0 The NABERS commitment agreement pathway and the Recidential pathway were replaced with the Abcolute	 This credit is linked to the Greenhouse Gas Emissions credit in DAB NZv1.1, but with altered thresholds and staging of the credit 		
1			[Note: the below reduction targets are in the process of being reviewed for the suitability for the Aotearoa context and our national climate targets and will likely be		and the second sec	Value Pathway (This will only be available to project teams once benchmark data is available).			
1			adjusted upon completion of further studies.]		In the Australian version of Green Star Buildings, there are three pathways available: • Reference Pathway		In the New Zealand version of Green Star Buildings, there are two pathways available: > Reference building pathway		
1			The building's energy use is at least 10% less than a reference building.		Energy Use - NABERS Commitment Agreement Pathway	The Reference Pathway has been streamlined from Design & As Built NZv1.1 - Greenhouse Gas Emissions	> Absolute Value Pathway (This will only be available once benchmark data is available)		
1			Credit Achievement		• Energy Use - Kesidentiai Pathway	credit with minor changes.	The Reference Pathway has been streamlined from Design & As Built NZv1.1 - Greenhouse Gas		
1			-Climate positive pathway - In conjunction with the Minimum Expectation:			The energy reduction targets are likely to be different from the Australian as each version uses it's own countries respective building code as a reference case.	Emissions Credit with minor changes.		
			The building's energy use is at least 30% less than a reference building.			contrar espective building core as a reference case.			
1	22	Energy Use		15 Greenhouse Gas Emissions				ERP - Energy & Carbon	
1									
1			Exceptional Performance						
1			In conjunction with the Credit Achievement:						
1			 The building's energy use is at least 50% less than a reference building. 						
1									
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tive									

Categ	gory Cred	Green Star Buildings Credit	Green Star Buildings NZ Draft v1.0 Credit Criteria	Related DAB NZv1.1 Credits	GAP from DAB NZv1.1 to GSB AUS v1.0	GAP from GSB AUS v1.0 to GSB NZ Draft v1.0	GAP from DAB NZv1.1 to GSB NZ Draft v1.0	Expert Reference Panel (ERP)
		-	Minimum Expectation • Direct use of fossil fuels on site is limited. • The building provides a Zero Carbon Action Plan.		This is a new credit in Green Star Buildings. It requires buildings to fulfil a Minimum Expectation with a zero carbon action plan and limiting of the direct use of fossil fuels on site. Limits to the proportion of fossil fuel energy used had already been introduced to DAB v1.1. A total of 6 points are available where a project's	Usuning a mark tare on mounty constrained in the grid, Australia has an established Power Purchase Agreement (PA) market which allows for the purchase of df-risk generated renewable electricity. This is not available in the NZ market and has therefore been removed from the credit.	This is a new credit in Green Star Buildings. It requires buildings to fulfil a Minimum Expectation with a zero carbon action plan and limiting of the direct use of fossil fuels on site. Limits to the proportion of fossil fuel energy used had already been introduced to DAB v1.1. A total of 5 points	
	23	Energy Source	Credit Achievement - Climate Doxizive Pathway – In conjunction with the Minimum Expectation: = 200% of the building's energy is supplied from electricity or other sources of renewable energy.	e V New Credit, h Related to: 15 Greenhouse Gas Emissions	energy comes from nenewable. We note that this could is made for a grid that is very coal or fossil fuel dependent. New Zealand, however, he a very different energy diff. Therefore, NZGBC expects a significant review/change of this credit for the New Zealand Market.	For the Minimum Expectation, under GSB N2 Draft v1.0, proposed buildings demonstrate the proportion of its annual energy consumption from direct foust facel use on site are below the latek thresholds. The Zero Carbon Action PAM Minimum Requirement is now considered to be met for fully electric buildings. The points available frain full content have been reduced from 3 to 2 in GSB N2 Draft v1.0	are available where a project's energy comes from renewables.	ERP - Energy & Carbon
			Exceptional Performance In conjunction with the Credit Achievement: • 100% of the building's electricity is generated from renewables on-site.					
	24	Remaining Carbon Emissions	Credit Addexement - Cimate Positive behaves – • The building owner eliminates emissions from refrigerants. • The building owner minimises the inpact of refrigerant leakage and offsets remaining mensions from refrigerants.	28 Refrigerant Impacts	This credit is derived from the Refrigerant Impacts credit in Design & As Built N2x11, however, & also offers points for offsetting. 4 points can be awarded in this credit if the building owner eliminates or offsets emissions from refrigerants, upfront carbon and remaining carbon sources.	Guidelines are added in GSB X2 Droft v.21 for the 'Offsetting Befrigerants' criteria, requiring the project team to demonstrate the involvmental impacts from critigerants leaking into the atmosphere are minimised, and thereby reducing the reliance on offsetting emissions.	This credits is derived from the Refrgerant Impacts credit in Design & As Built N24.1, however, it also offers points for offsetting. 3 points can be awarded in this credit if the building owner eliminates or offsets emissions from refrigerants, upfront carbon and remaining carbon sources.	ERP - Energy & Carbon
			Exceptional Performance In addition to the Credit Achievement: • All remaining emissions are eliminated or offset.	New criterion		The points available for this acceptional performance have been reduced from 2 to 1 in GSB NZ Draft v1.0 Under GSB NZ Draft v1.0, now all operational emissions from energy or electricity use must be offset for 5 years using current grid emission factors for exceptional performance.		
			Minimum Expectation * The building installs efficient water factures. or * The building uses 15% (10% for buildings where the sleeping area >=50% of the NL blass cothist water compared in a caferance building.		This credit is derived from the Potable Water Credit in Design & As Built N2v1.1 with slightly raised benchmarks in Green star Buildings. The project must comply with one of the following criteria as a Minimum Expectation: - Sankary finature and appliance efficiency	The following is made a minimum requirement in GSB NZ Draft v1.0 is. for all multi story buildings, fire protection systems must be provided with individual isolation valves for each floor to reduce water use during draindown.	This credit is derived from the Potable Water Credit in Design & As Built NZv1.1 with slightly raised benchmarks in Green Star Buildings. The project must comply with one of the following criteria as a Minimum Expectation: - Sanktary facture and applance efficiency	
	25	Water Use	Tody Car Dynamics water compared on a for Concerce commig- Confit Advectment The birth in conjunction with the Minimum Expectation: The building uses 25% (20% for buildings where the sleeping area >=50% of the MU-less public water compared to a reference building. 2 Points - In conjunction with the Minimum Expectation: The building uses 35% (20% for buildings where the sleeping area >=50% of the MU-less public water compared to a reference building.	- 18 Potable Water	- 15% reduction in water use	The percentage thresholds for reduction in potable water for this criteria were reduced when developing GSB NZ Draft vL 0. This reflects the reduced water scarchy in NZ as well as the lack of available recycled water infrastructure. The credit achievement requirement are split in GSB NZ vL0, to allow a stepped approach to compliance. Project teams can target 1, or 3 points. This sub-credit did not have a stepped approach under GSB AUS vL0 where project teams had to target 3 points for the credit.	-15% reduction in water use The following was previously part of Credit 188.5 in DA8 N2 v1.1 but is now a minimum requirement for So R2 Corf v1.0 roal infuti stary buildings, fire protection systems must be provided with individual isolation valves for each floor to reduce water use during draindown.	ERP - Ecology & Emissions
			Exceptional Performance In conjunction with the Credit Achievement: • The building uses 60% (SSS for buildings where the skeeping area >>50% of the NLA) less potable water compared to a reference building.					
	26	Life Cycle Impacts	Credit Achievement In conjunction with the Credit Achievement: The project demonstrates a 15% reduction in life cycle impacts when compared to standard practice. Exceptional Performance The project demonstrates a 30% reduction in life cycle impacts when compared to student practice.	19.2 Comparative Life Cycle Assessment	In developing the requirements for this credit in DAB NZ v1.1, the requirements under GBCA's GSB had been reviewed and the two were aligned.	In developing the requirements for this credit in DAB NZ v1.1, the requirements under GBCVs GSB had been reviewed and the two were aligned. This is streamlined from GSB AUS and DAB NZ v1.1 to GSB NZ Draft v1.0	In developing the requirements for this credit in DAB NZ v1.1, the requirements under GBCA's GSB had been reviewed and the two were aligned.	ERP - Energy & Carbon ERP - Products, Materials and Upfront Carbon
			Minimum Expectation The building includes showers and changing facilities for building occupants. The facilities are accessible, inclusive, and located in a safe and protected space.	17B.4 Active Transport Facilities	The general scope of this sub-credin in GSB is covered by Credit 174.4 in DAB N2 v1.1. In GSB ALS v1.0 and GSB V3 v1.0.4 has backers a Minimum Spectroling that the building includes shows are and hange facilities for building occupants that are accessible, inclusive and located in a safe and protected space.	This credit was deemed to be appropriate for a NZ context, and was streamlined from GSB AUS v1.0 to GSB NZ Draft v1.0 with minor changes and clarifications.	The general scope of this sub-credit in GSB is covered by Credit 174. In D&B NZ v1.1 in GSB NI2 v1.2 and GSB NZ v1.2 is has becreas a binimum Spectration that the building induces thosers and changing facilities for building occupants that are accessible, inclusive and located in a safe and protected space.	
	27	Movement and Place	Credit Achievement In addition to the Minimum Expectation:	17A Sustainable Transport Performance	3 Points can be achieved if the project fulfils all 4 of the following criteria. X Bioycle Paring Facilities X Sustainable Transport X Encurring Prive While use X Encurring Prive While use	Further curification was added to the Sostainable Transport Plan in GSB N2 Darlar V.D. Amongst others, this includes: illustrating is possible, that the project has considered the site location in the context of safe cycling, and has taken reasonable steps to ensure safety of visitors who cycle.	3 Points can be achieved if the project fulfils all 4 of the following orderia. X Bioycle Paring Facilities X Sustainable Transport X Encouraging with which use X Encouraging Walkability	ERP - Governance & Places
			The building's access priorities cycling and includes biolycle parking facilities. A Sustainable Traver and an Imperemented and implemented. The building has EV changing capabilities. The subliding's design and boation prioritize waiking.	Pathway 178.3 Low Emission Vehicle Infrastructure 178.4 Active Transport Facilities 178.5 Walkable Neighbourhoods	For realizing private vertice use messale of regularing a realization multiple of any advance applications of the second		For featuring private verticed use mixeds of regulning a features intimieer of mixed capatics. Inits orea actiss that the mixed wave of the mixed of the mixed exception of the mixed exception of the Vehick K-Konstruct Travelet relations. If exception wave of the mixed exception of the mixed of the mixed the Encouraging VehickBilling Officience is derived from the walkable Neighbourhoods credit in Design 8. As Bull X0:1.1. Instead of requiring a decent number of amenties within 400m of the building. Green Safe Bulling est build for the prioritize pedestrians. X Providing at least 10 amenties across 5 categories within 400m of the building.	ign
Places	28	Enjoyable Places	Crefit Achievement The builing delivers memorable, beautiful, vibrant communal or public places where people want to gather and participate in the community. • The spaces are inclusive, safe, flexible, and enjoyable.	New Credit	The Enjoyabe Places credit is a new credit in Green Start Building (not present in DAB NZV-13) (trequires the building to defave monotable, beaufult, which comvanue log upic places where peake can applier and participate in the community. The Compliance requirement consists of a Activation Strategy to ensure placemaking continues after practical completion.	The Activation Strategy in GSB ALS v.2.0 has been reconstrusions for reflect the local NE Context in GSB NE Deriv1.1.0. Recenting in a NZ context in one appropriate, so changes have been majority to the juidance of this strategy including an addition for the consideration of Mana Vithenua design values) and it has appropriately been renamed to 'Place Activation Strategy'.	The Enjoyable Places credit is a new credit in Green Star Building (not prevent in DABNO1.1). It requires the building to deliver memorable, bueatiful, vizinar temmunal or public baces where people can gather and participate in the community. The Compliance requirement consists of a Activation Strategy to ensure placemaking continues after practical completion.	ERP - Governance & Places
	29	Contribution to Place	Credit Achievement • The building design contributes towards creating well-functioning urban environments and enduces the public realm. or • Independent reviews are held during the development of the design.	New Credit	The Contribution to Place credit is new in Green Star Buildings (not present in DAB ND/1.1). It requires projects to comply with one of the following criteria • Urban Context Report • Independent Design Review	Changes were made to the content of the Urban Delge Assessment (bulk) was resumed in GSB NZ Dord Y-LQ. If more rest star lutings, auxtains) Urban Contexte Report die to the changes made. This includes additional criteria and guidance to the criteria that was adapted from GSB AUS v1.0 to GSB NZ Draft v1.D. Please refer to the criticitor further deall. The composition of the Delgin Inclume And has been expanded in GSB NZ Draft v1.D to Isolado professionals de a range of diverse calculant experime, and a Misori built environment practitioner who is diffiliated with Ng3 duto (ginongst other changes).	The Contributions to Place credit is new in Green Star Buildings(not present in DAB NZv1.1). It requires projects to comply with one of the following criteria • Urban Context Report • Independent Design Review	ERP - Governance & Places

Category	Credit	Green Star Buildings Credit	Green Star Buildings NZ Draft v1.0 Credit Criteria	Related DAB NZv1.1 Credits	GAP from DAB NZv1.1 to GSB AUS v1.0	GAP from GSB AUS v1.0 to GSB NZ Draft v1.0	GAP from DAB NZv1.1 to GSB NZ Draft v1.0	Expert Reference Panel (ERP)
	Number				The Culture Heritage and Identity credit is new in GSB AUS v1.0 (not present in DAB NZv1.1). It requires	(Changes made based on Industry consultation, ERP and Expert Feedback) Note: This credit has not been fully modified for the New Zealand market. It is undergoing further review by the	Note: This credit has not been fully modified for the New Zealand market. It is undergoing further	
	30	Culture, Heritage and Identity	Credit Achievement - The building's design reflects and celebrates local demographics and identities, the history of the place, and any hidden or minority entities. - The outcome was arrived through meaningful engagement with community groups early in the design process.	INN Challenge: Culture, Heritage and Identity	pringets to comply with one of the tolowing criteria - formunally, ted Serging Response - Independent Design review Made The criteria and been fully modified for the New Zealand market. It is undergoing justner review by the Mader The criteria has not been fully modified for the New Zealand market. It is undergoing justner review by the Mader The criteria with the set of the Mader The Serging and the set of the Mader Technical Working Group, number of the groups for Anterna. If you have any suggestions on how to do this please do provide your comments in the consultation survey.	Mean Jechnical Working Group, Jurither Change may be made to this creat with the help of the Maan Technical Working up to make it if for uppace for Adeators. If you have any suggestions on how to do this please do provide your comments in the consultation survey.	reverse by the Maon Technical Working Group, Factor Changes may be made to this create with the heigh of the MAIn Technical Working Group to make it fife project of Advences. Of you have any suggestions on how to do this please do provide your comments in the consultation survey.	ERP - Governance & Places
	31	Inclusive Construction Practices	Minimum Expectation I During the building's construction, the head constructor provides inclusive facilities a During the building's construction, the head constructor provides inclusive facilities increase awareness and reduces instances of discrimination, racism, and builying. Credit Achievement I In addition to the Minimum Expectation:	7.3 High Quality Staff Support	This credit is derived from the credit Regionable Construction Practices in Design & As built N2X-11, with added Minimum Departial for the Head constructor to provide the Blowing: - Separate Gender inclusive bathrooms, facilities and charging amenities. - Deverse gender separation for the Head Second Practice NPE for diverse body sizes and types. - Implement policies to address racium, builying and discrimination. - Drivite relating sourcements for any relevant breaches and corrective measures for incidents to be identified - Provide training to SSN of constructions for any relevant breaches and corrective measures for incidents to be identified - Provide training to SSN of constructions for any relevant breaches and corrective measures for incidents to be identified - Provide training to SSN of constructions and build meaners and 2) policies on discrimination, ruicin and onsite builying for at basil 3 days. For credit achievement projects are required to meet all of the following requirements along with the above: X Needs Analysis X Evaluating the Program's Effectiveness	Under GSA MJS 1.0, on-site transing must be provided to 95% of al contractors and sub-contractors present on-site for at least 3440, on the tissued of addormination, raciant and bulking Lude GSA RD Carl 1.0, Link must be done for 95% of contractors and sub-contractors inducted onto the site. (Excludes viaitors in both cases) Cedfi Achievement in GSB AUS v1.0, the responsible party must conduct a needs analysis for al contract values. However, in GSB AUS v1.0, the responsible party must conduct a needs analysis for all contract values. However, in GSB AUS v1.0, the responsible party must conduct a needs analysis for all contract values. However, in GSB AUS v1.0, the responsible party must conduct a needs analysis for all contract values. However, in GSB AUS v1.0, the responsible party must conduct a needs analysis for all contract values. However, in GSB AUS v1.0, the responsible party must conduct a needs analysis for all contract values. The definition of "Inclusion" is expanded to address discrimination against race, sexual orientation or religion.	This credit is derived from the Credit Responsible Construction Practices in Design & As Built NO.11 with added Minimum Depetation for the Need contractor to provide the following: - Separate Gender inclusive bathroom, facilities and changing amenities. - Diverse gender spacefil: fif-or-propose personal protective PBF for diverse body sizes and types. - Implement policies to address racism, budying and discrimination. - On site referse proceedures for any recent breakshead and control measures for incidents to be destributed. - Diverse gender space any recent breakshead and control measures for incidents to be destributed. - Diverse gender space any recent breakshead and control measures for incidents to be destributed. - Diverse formed and prog. Bodoh, media hab awareness and - Diolicies on discrimination, racism and onsite budying for at least 3 days. For credit achivement, the following were added to GSB NZ Draft v1.0: - X Evaluating the Program's Effectiveness	ERP- Waste & Construction
People	32	Indigenous Inclusion	Credit Achievement The building's design and construction celebrates Aboriginal and Torres Stratt blander people, culture and heritage by undertaking one or both of the following: • Incorporating design elements using the Indigenous Design and Planning strateges and principles.	INN Challenge: Te Aranga Design	This is a new credit in Green Star Buildings and the NZGBC intends to incorporate the Te Aranaga Design tomovation. Challenge from Design & As Built into this credit with relevant NZ Specific guidance. Note: This credit has obsen ondefined for the New Zakulan attack. It is underging in Uniter review by the Miden Technical Working Group. It is NZGBC and the Miden Technical Working Group intention to completely overhaul this credit to make & fit for purpose for Actearoa.	Note: This credit has not been modified for the New Zashand market. It is undergoing further review by the Maiori Technical Working Group, It, is NZGEL and the Maiori Technical Working Group intention to completely overhaul this credit to make it ft for purpose for Acteuros.	This is a new credit in Green Star Building. This credit has not yet been modified for the New Zealand market. It is undergoing further review by the Malon Technical Working Group. It is the KGGC's and the Malon Technical Working Group's intention to completely overhaul this credit to make it fit for purpose for Acteance.	ERP - Governance & Places
	33	Procurement and Workforce	Credit Achievement • The project implements a social procurement plan. • The project implements a social procurement plan. • A least XIs of the building's total contract value has been directed to generate employment opportunities for advantaged and unde-represented groups. Exceptional Performance In conjunction with the Credit Achievement: • A least XIs of the building's total contract value has been directed to generate employment opportunities for disadvantaged and unde-represented groups. A least XIs of the building's total contract value has been directed to generate employment opportunities for disadvantaged and unde-represented groups.	New Credit	This is a New credit in Green State Buildings (not present in DAB XC), which requires projects to implements a social procurrent manual manual presentate employment opportunities for disadvantaged and under- represented groups.	Under GSA IX Daht v1.0, to target this Credit Achievement, at least 1% of the building's total contract should be directed to generate employment opportunities for disadvanteged and under-represented groups. Under GSA AUS v1.0 this threshold is higher at 2% of the building's total contract value. When developing GSB IX2 Daht v1.0, Australian-specific terminology within under-represented groups, social procurement partners and other definitions were replaced with 0 and Pacific specific terminology. Under GSB AUZ Daht v1.0, to target this Exceptional Performance, at least 2% of the building's total contract should be directed to generate employment opportunities for disadvantaged and under-represented groups, social procurement partners v1.0 this threshold is higher at 4% of the building's total contract value GSB AUZ Daht v1.0, Australian-specific terminology within under-represented groups, social procurement partners and other definitions were replaced with value. For the Exceptional Performance.	This is a few credit of Green State Building (not present in DAB XQ), which requires projects to implements a social procurement RPa and also generate employment opportunities for disadvantaged and under-represented groups.	ERP-Governance & Places
	34	Design for Inclusion	Credit Achievement The building is designed and constructed to be inclusive to a diverse range of people with different needs. • A needs analysis is conducted as a result of an engagement with target groups. Exceptional Performance in addition to the Credit Achievement: • The building delivers three or more inclusive design actions that are beyond the Credit Achievement thechistis.	INN Challenge: Universal Design	This is a new credit in GSB AUS v1.0. DAB N2v1.1 has an innovation challenge of Universal Design which is relervant to this credit.	This credit has been restructured for NZ due to the requirement gap between the NZ Building Code and the Australian Building Code. A perceptible is in charloside design principles are added and required as part of the credit achievement. A needs analysis being an exceptional performance requirement in CSB ALU S v1.0 was moved to the credit achievement through the CSB ALU Dirity for levels. 2 points can be achieved under CSB NZ Draft v1.0 for projects meet both of the above thems set in the C cell Achievement. The exceptional performance requirements are completely different between these toxics. CSB AVE Draft v1.0 for requires that the building delivers three or more inclusive design actions that are beyond the Credit Achievement three/SIS ALU S v1.0 requires the needs analysis.	This is a new credit in GSB N2 Orafl v.1.0 and the Universal Design Innovation Challenge from DAB N2V.1.1 wis taken into consideration when incorporating this credit into Green Star Buildings.	ERP - Health & Wellbeing
			Minimum Expectation • The building was not built on, or significantly impacted, a site with a high ecological value. • The building's light pollution has been minimised. • There is ongoing monitoring, reporting, and management of sensitive ecosystems within the site.	23 Ecological Value of Land 24.1 Conditional Requirement: Ecological Protection 26.2 Light Policy to Neghtouring Bodies. 26.2 Light Poliution to Night Sky	The Minimum Expectation in Green Star Buildings is a combination of credits streamlined from Design & As BuiltRVD.1 to followed Stress - - Sustainable Stress - - Light Pollution Abhough streamlined, the credit requires additional ongoing monitoring reporting, and management of the site's wetland ecosystem (if adjacent to the site) to show compliance. The credit Achievement for impacts to Nature sets requirements for the following criteria	This minimum expectation from GGS AUS -L Dawa atapted for N2 with DAB N2 v1.1 taken into account. N2 specific guidence and dimicrations are advech, clockding: 1. Allowing UWIX an alternative pathway. 2. Addressing digital spis and screens in the credit 3. Allowing lighting for safety to be excluded.	The Minimum Expectations in Green Sar Buildings NZ is a combination of credits streamlined from Design & Ak Built NO.1.1 as follows: - Sustainable Stress - Light Pollution Although streamlined, the credit requires additional ongoing monitoring reporting, and management of the site's wetland ecosystem (if adjacent to the site) to show compliance. The credit Achievement for Impacts to Nature in GSB NZ Draft v1.0, sets expanded requirements for	
	35	Impacts to Nature	Credit Achievement In addition to the Minimum Expectation: The building's segment of the second second second second second second flows, and naive vegetation elements. I deemed necessary y an Ecologic, at least 50% of existing site with high biofiversity value a retained.	24.2 Reuse of Land 24.3 Contamination and Hazardous Materials	X Protecting Ecological Value X Patening High Boltovershy Values Compliance can be demonstrated with a Context report, Ecological Value protection strategy, and Biodivershy value autosument and reactining plan. Consideration must be given to impacts of site works during demolition, atte works, construction or future occupation.		the following criteria when compared to DAB NZv1.1: X Protecting Ecological Value X Retaining High Biodiversity Values In GSIA RC Dark 1, where the area has been desmed an area of high biodiversity value by an assessment undertaken by an accologist, the project must retain at least 50% of the area contiguously - this was not a requirement in DAB NZv1.1. Compliance and the demonstrated with a Context report, Ecological Value protection strategy, and Biodiversity value assessment and retaining plan. Consideration must be given to impacts of site works during demolfation, site works, construction or future occupation.	ERP - Ecology & Emissions
	36	Biodiversity Enhancement	Credit Achievement The Building's site includes an appropriate landscape area. The landscaping includes a diversity of species and priorities the use of climate realiment and indigenous plants. The landscape despin includes refuge and/or food for native fauna including birds, regisles, amphalams, instests and other invertebrates as appropriate to the ecological context. The project team develops a site-specific Boldwersity Management Plan and provides its the building owner or building owner representative.	New Credit	The Blodiversity enhancement credit is new in Green Star Buildings. It requires project teams to include an appropriate landscape area, diverse species and develop a site specific Blodiversity Management Plan.	The scope of the biodiversity management plan was expanded to include how the design contributes to "Te Mana to E Taiao - Adeesa New Zealand Biodiversity Strategy" and other current indigenous and biodiversity strategies and policies. The credit under GSB AUS v1.0 focus more on vegetation provisions not other form of encouraging biodiversity. This credit has been reworded under the GSB N2 Draft v1.0 to address plants and other systems that provide relige to biodiversity. The credit was adapted through the GSB N2 Draft v1.0 review with references to N2 specific information.	The Blodiversity enhancement credit is new in Green Star Buildings. It requires project teams to include an appropriate landscape area, diverse species and develop a site specific Biodiversity Management Plan.	ERP - Ecology & Emissions

Catego	ry Credit Number	Green Star Buildings Credit	Green Star Buildings NZ Draft v1.0 Credit Criteria	Related DAB NZv1.1 Credits	GAP from DAB NZv1.1 to GSB AUS v1.0	GAP from GSB AUS v1.0 to GSB NZ Draft v1.0 (Changes made based on Industry consultation, ERP and Expert Feedback)	GAP from DAB NZv1.1 to GSB NZ Draft v1.0	Expert Reference Panel (ERP)
z			Exceptional Performance In addition to the Credit Achievement: A greater are of almostracynig is provided. The landscaping includes critically endangered and/or endangered plant species makes to the excelogical district, or planting with provides for aging or habitati for critically endangered fauna species as appropriate to the ecological district.					
ature	37	Nature Connectivity	Credit Achievement The site must be built to encourage species connectivity through the site, and to adjacent site. If there is a wider nature strategy as relevant to the project, the project should contribute to it.	New Credit	This is a new credit in Green 51 Buildings it requires the site to encourage species connectivity through the site, and to adjacent itses. If the project sits within a blue or green grid strategy it must contribute to the goals of the strategy.	This credit was deemed to be appropriate for a N2 context, and was streamlined from GSB AUS v1.0 to GSB N2 Draft v1.0 with minor changes.	This is a new credit in Green Star Buildings it requires the site to encourage species connectivity through the site, and to adjacent sites. If the project sits within a blue or green grid strategy it must contribute to the goals of the strategy.	ERP - Ecology & Emissions
	38	Nature Stewardship	Credit Achievement • veres of restoration or provided. • veres of restoration or protection activities are beyond the development's boundary. • The building owner, as part of the project's development, undertakes activities that protects or restores boldwership vts.cole. • These actions occur beyond legislated requirements.	New Gredit	The Nature Stewardship credit is new in Green Star Buildings. In GSB AUS v1.0, it requires projects to show compliance with all the following criteria for 2 Points: - Areas of restoration or protection are provided. - The Building owner, as part of the project's development's boundary. - The building owner, as part of the project's development's boundary. - These actions occur beyond legislated requirements. Unlike the other Nature credits proposed in Green Star Buildings, Nature Stewardship requires Biodiversity to be restored beyond the Building site.	The scope of the Restoration or Protection Management Plan (Reu) was expanded to include how the design contributes to T ⁴ man. An entropy of the scope of the s	The Nature Sewandhip credit is new in Green Star Buildings. Unlike the other Nature credits proposed in Green Star Buildings, Nature Stewardship requires Biodiversity to be restored beyond the Building site.	ERP - Ecology & Emissions
	39	Waterway Protection	Credit Achievement • The project demonstrates that the post-development peak Average Recurrence Interval (AB) event (L, S, and 10 year) discharge from the site does not exceed 80% of the pre-development peak ABI event (L, S, and 10 year) discharge. • Specified pollution reduction targets are met Exceptional Performance In conjunction with the Credit Achievement: - The project demonstrate that the post-development peak Average Recurrence Interval (AB) event (L, S, and 10 year) discharge from the site does not exceed the peak ABI event (L, S, and 10 year) discharge from the site does not exceed the peak ABI event (L, S, and 10 year) discharge from the site does not exceed the peak ABI event (L, S, and 10 year) discharge from the site does not exceed the y greenfield in the (sourcing graved or forested the coverage). • Specified additional polistion reduction targets are met.	25.1 Stormwater Peak Dicebarge 25.2 Stormwater Pollution Targets 27 Microbal Control	This credit in GGB ALE 51-20 Eined with the Stormware Management credit in Draigh & A & Burk N2-1, 1 with reacted bandmarks. The International enduring the IGB ANA J. 1 sinked to Add (J. 2 Point) & 80% (additional 2 Points) instead of just not exceeding the pre-development discharge.	After convoluting experts in the Industry, the GB ALS v LD methodology us adjusted to set New Zaaland specific benchmarks for the chrometer warm share that GBS ADE and v LD methodology as adjusted to set the discharge reduction targets. Similar to DAB NZv11. The pollution reduction targets have largely been streamlined from the Stormwater credit in Design & As Built NZv11 (instead of the targets in GSB AUS v1.0) over to GSB NZ Draft v1.0, as it has previously been adapted for the New Zealand market.	In DBA TOAL 1, projects were able to target Sommaware PAR Discharge sub-credit withhost targeting the Somware Park Discharge sub-credit withhost targeting the Somware Park Discharge sub-credit sub-targets must comply with both of the criteria for both Credit Achievement and Exceptional Performance. The requirement host Discharge sub-credit sub-RAV 1.0 for post-development park ARI event discharge is leveraged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge) (severaged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge) (severaged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge) (severaged the severaged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge) (severaged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge) (severaged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge) (severaged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge) (severaged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge) (severaged the pre-development park ARI event discharge (severaged the pre-development park ARI event discharge (severaged the pre-development)), compliance of 30 year ARI is addition reduction targets have targetly been stransmined from the Sommaware credit in Develop & ARI burk have target to the have target the source whereas the severaged the	ERP - Ecology & Emissions
Leade	40	Market Transformation	Credit Achievement - Up to 5 points - The project implements a building solution or process that is considered leading in their targeted sector, nationally or globally.	29 Innovation	Market Transformation and Leadership challenges in Green Star Buildings is a combination of the Innovation c and unlimited points can be targeted through Leadership Challenge.	tegory. Under the Design & As Built NZv1.1, 10 points are available to target under the Innovation category. Wh	reas under Green Star Buildings NZ and AUS v1.0, 5 points are available for Market Transformation	
rship		Leadership Challenges	Credit Achievement The project meets the requirements of a Leadership Challenge developed by the GBCA					