

**CORENET X - Roles and Responsibilities of Project Members**

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# 1. List of responsibilities that Registered Architects may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
URA	<p>Submissions involving <b>planning proposals</b> and/or works within conservation areas and supervision of development or works in accordance to Planning Act (Chapter 232)</p> <ul style="list-style-type: none"> <li>To act on behalf of the owner as an agent to prepare the plans and submit, in accordance with the duties of a qualified person under section 24A(1) of the Planning Act 1998 ("the Act"), an application to the Competent Authority under section 13 of the Act for a written permission to develop the subject land for the proposed development in the form of electronic records and to deal with the Competent Authority on all ancillary and related matters in connection with the application, and to pay on behalf of the owner to the Competent Authority all processing fees or charges payable by the owner in connection with the application</li> </ul>	Development application for Provisional Permission and Written Permission, waivers, Earthworks, TOP/CSC	<ul style="list-style-type: none"> <li>Design Gateway – planning parameters</li> <li>Construction Gateway – planning parameters</li> <li>Direct Submission Process – planning parameters</li> <li>Full Demolition (if DG/DSP has not been obtained) – planning parameters</li> </ul>
BCA	<p><b>Building Plan submissions</b> and supervision of building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To prepare the plans of the architectural works, being works that are not structural, mechanical &amp; electrical engineering or geotechnical building works, in the Building Works and to supervise the carrying out of the architectural works in the Building Works, under Section 8(1)(a) and Section 8(1)(b) or 11(1)(d)(i) and Section 11(1)(d)(ii) of the Building Control Act 1989</li> </ul>	<p>Application For Approval of Building Plans, waivers</p> <p>Buildability score, Environmental sustainability</p> <p>TOPCSC application</p>	<ul style="list-style-type: none"> <li>Construction Gateway – Building design, buildability</li> <li>Direct Submission Process – Building design</li> <li>Record plan for building works</li> </ul>

			<ul style="list-style-type: none"> <li>• TOP/CSC</li> </ul>
NPARKS	<p>Submissions involving greenery provision and/or tree conservation <b>within development</b> in accordance to Parks and Trees Act (Chapter 216)</p> <ul style="list-style-type: none"> <li>• To prepare the plans for architectural works, supervise the carrying out of and inspect the works within development to ensure that these works were carried out in accordance with approved plans pursuant to Section 32 of the Parks and Trees Act (Cap. 216) (“the Act”), with understanding of the provisions of Sections 35 and 36 of the Parks and Trees Act (Chapter 216)</li> </ul>	Development Control (DC), Building Plan (BP) (internal), CSC	<ul style="list-style-type: none"> <li>• Design Gateway Internal greenery</li> <li>• Construction Gateway - Internal greenery</li> <li>• Direct Submission Process - Internal greenery</li> <li>• Site clearance/ earthworks</li> <li>• Planting scheme</li> <li>• CSC</li> </ul>
	<p>Submissions involving greenery provision and/or tree conservation of <b>external greenery</b> in accordance to Parks and Trees Act (Chapter 216)</p> <ul style="list-style-type: none"> <li>• To prepare the plans for architectural works, supervise the carrying out of and inspect external greenery works to ensure that these works were carried out in accordance with approved plans pursuant to Section 32 of the Parks and Trees Act (Cap. 216) (“the Act”), with understanding of the</li> </ul>	Development Control (DC), Building Plan (BP) (external), CSC	<ul style="list-style-type: none"> <li>• Design Gateway External greenery</li> <li>• Construction Gateway - External greenery</li> </ul>

	provisions of Sections 35 and 36 of the Parks and Trees Act (Chapter 216).		<ul style="list-style-type: none"> <li>• Direct Submission Process – External greenery</li> <li>• External works (plan application) - External greenery</li> <li>• Direct Submission Process - External greenery</li> <li>• Site clearance/ earthworks</li> <li>• Planting scheme</li> <li>• CSC</li> </ul>
SCDF	<b>Building Plan submission involving fire safety</b> works in accordance to Fire Safety Act 1993 and its Regulations <ul style="list-style-type: none"> <li>• To act on behalf of the Applicant as the Qualified Person for the proposal</li> </ul>	For building plan submission, waivers, MAA	<ul style="list-style-type: none"> <li>• Construction Gateway – Fire safety building plan</li> <li>• Direct Submission Process – Fire safety building plan/ MAA</li> </ul>
LTA	Submissions and supervision of development/building <b>works within railway protection zone/ railway corridor</b> in accordance to Rapid Transit Systems Act (Chapter 263A) and its Regulations	Rails Development Proposal (DP), Building Proposal (BP)	<ul style="list-style-type: none"> <li>• Design Gateway - Rails</li> </ul>

			<ul style="list-style-type: none"> <li>• Construction Gateway - Rails</li> <li>• Direct Submission Process</li> <li>• CSC</li> <li>• Permit - Permit to carry out engineering works in Railway Protection Zone (RPZ)/ Railway corridor</li> </ul>
	Submissions for <b>layout plans</b> involving works under Street Works Act 1995	For layout plan stage	<ul style="list-style-type: none"> <li>• Design Gateway - layout plans</li> <li>• Direct Submission Process – layout plans</li> <li>• Permit - Engineering work/ activity under Street Works Act</li> </ul>
	Submissions involving <b>active mobility</b> under Street Works Act (1995) and Parking Places Act 1974 and its Rules	Submissions for active mobility	<ul style="list-style-type: none"> <li>• Active mobility</li> </ul>

	Submissions involving works under <b>Parking Places Act 1974</b> ) and its Rules	Vehicle parking submission, CSC	<ul style="list-style-type: none"> <li>• Construction Gateway – Vehicle parking</li> <li>• CSC</li> </ul>
	Submissions involving works under <b>Electric Vehicles Charging Act 2022</b>		<ul style="list-style-type: none"> <li>• Independent submission</li> </ul>
PUB	Submissions involving works for <b>drainage</b> in accordance to Sewerage and Drainage Act (Chapter 294) and its Regulations	For DC and BP submission for drainage/ simplified submission	<ul style="list-style-type: none"> <li>• Design Gateway - Drainage</li> <li>• Construction Gateway -Drainage</li> <li>• TOP/CSC</li> </ul>
	Submissions involving works for <b>sanitary</b> in accordance to Sewerage and Drainage Act (Chapter 294) and its Regulations	For DC and BP submission for sanitary/ simplified submission	<ul style="list-style-type: none"> <li>• Design Gateway – sanitary and sewerage</li> <li>• Construction Gateway – sanitary</li> <li>• Direct Submission Process – sanitary and sewerage</li> <li>• TOP/CSC</li> </ul>

NEA	Submissions involving works for <b>environmental health</b> in accordance to the environmental requirements (environmental health and pollution control) including Acts, Regulations, Codes of Practice, Guidelines, etc	For DC and environmental health BP submission/ lodgement	<ul style="list-style-type: none"> <li>• Design Gateway – environmental health and pollution control</li> <li>• Construction Gateway – environmental health</li> <li>• Direct Submission Process – environmental health and pollution control</li> <li>• TOP/CSC</li> </ul>
	Submissions involving works for <b>pollution control</b> in accordance to the environmental requirements (environmental health and pollution control) including Acts, Regulations, Codes of Practice, Guidelines, etc	For pollution control submission	<ul style="list-style-type: none"> <li>• Design Gateway – environmental health and pollution control</li> <li>• Construction Gateway – pollution control</li> <li>• Direct Submission Process – environmental health and pollution control</li> <li>• TOP/CSC</li> </ul>

## 2. List of responsibilities that Professional Engineer (Civil) may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
URA	<p>Submissions involving <b>planning proposals</b> and supervision of development or works in accordance to Planning Act (Chapter 232)</p> <ul style="list-style-type: none"> <li>To act on behalf of the owner as an agent to prepare the plans and submit, in accordance with the duties of a qualified person under section 24A(1) of the Planning Act 1998 ("the Act"), an application to the Competent Authority under section 13 of the Planning Act 1998 for a written permission to develop the subject land for the proposed development in the form of electronic records and to deal with the Competent Authority on all ancillary and related matters in connection with the application, and to pay on behalf of the owner to the Competent Authority all processing fees or charges payable by the owner in connection with the application</li> </ul>	Development application for Provisional Permission and Written Permission (for allowable types of works), waivers, Earthworks, TOP/CSC	<ul style="list-style-type: none"> <li>Design Gateway – planning parameters</li> <li>Construction Gateway – planning parameters</li> <li>Direct Submission Process – planning parameters</li> <li>Earthworks</li> </ul>
BCA	<p><b>Building Plan submissions</b> and supervision of building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To prepare the plans of the architectural works, being works that are not structural, mechanical &amp; electrical engineering or geotechnical building works, in the Building Works and to supervise the carrying out of the architectural works in the Building Works, under Section 8(1)(a) and Section 8(1)(b) or 11(1)(d)(i) and Section 11(1)(d)(ii) of the Building Control Act 1989</li> </ul>	<p>Application For Approval of Building Plans, waivers</p> <p>TOPCSC application</p>	<p>Only available if PE Civil is Project Coordinator</p> <p>For building plan</p>



	<p><b>Structural Plan submissions</b> involving building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To <b>prepare the plans</b> of the following structural works in the Building Works under Section 8(1)(a) or Section 11(1)(d)(i) of the Building Control Act 1989 <ul style="list-style-type: none"> <li>All structural works including demolition; or</li> <li>All structural works excluding demolition; or</li> <li>Others <ul style="list-style-type: none"> <li>Super-structural works</li> <li>Safety barriers</li> <li>Earth retaining structure/excavation for caisson, cofferdam, trench etc.</li> <li>Foundation (e.g. piling, footing, raft) &amp; substructure (e.g. basement, pilecap)</li> <li>Tunnel/sewer works</li> <li>Framing &amp; fixings for securing claddings and curtain walls</li> <li>Demolition</li> <li>(Specify)</li> </ul> </li> </ul> </li> </ul>	ST plan application	<ul style="list-style-type: none"> <li>Piling Gateway - structural works</li> <li>Construction Gateway – structural works</li> <li>Independent submission – Structural plan and permit</li> <li>Completion of structural works – record plans</li> <li>Full demolition – structural works</li> </ul>
	<p><b>Structural Plan submissions</b> involving building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To <b>supervise</b> the carrying out of the following structural works in the Building Works under Section 8(1)(b) or Section 11(1)(d)(ii) of the Building Control Act 1989 <ul style="list-style-type: none"> <li>All structural works including demolition</li> <li>All structural works excluding demolition</li> <li>Others <ul style="list-style-type: none"> <li>Super-structural works</li> <li>Safety barriers</li> </ul> </li> </ul> </li> </ul>	Permit, c-form	<ul style="list-style-type: none"> <li>Permit only (for PG/CG)</li> <li>Independent submission – Structural plan and permit – certificate of completion</li> <li>Completion of structural works</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Earth retaining structure/excavation for caisson, cofferdam, trench etc.</li> <li>▪ Foundation (e.g. piling, footing, raft) &amp; substructure (e.g. basement, pilecap)</li> <li>▪ Tunnel/sewer works</li> <li>▪ Framing &amp; fixings for securing claddings and curtain walls</li> <li>▪ Demolition</li> <li>▪ (Specify)</li> </ul>		
NPARKS	<p>Submissions involving greenery provision and/or tree conservation <b>within development</b> in accordance to Parks and Trees Act (Chapter 216)</p> <ul style="list-style-type: none"> <li>• To prepare the plans for civil &amp; structural works, supervise the carrying out of and inspect the works within development to ensure that these works were carried out in accordance with approved plans pursuant to Section 32 of the Parks and Trees Act (Cap. 216) (“the Act”), with understanding of the provisions of Sections 35 and 36 of the Parks and Trees Act (Chapter 216).</li> </ul>	Development Control (DC), Building Plan (BP) (internal), CSC	<ul style="list-style-type: none"> <li>• Design Gateway Internal greenery</li> <li>• Construction Gateway - Internal greenery</li> <li>• Direct Submission Process - Internal greenery</li> <li>• Site clearance/ earthworks</li> <li>• Planting scheme</li> <li>• CSC</li> </ul>
	<p>Submissions involving greenery provision and/or tree conservation of <b>external greenery</b> in accordance to Parks and Trees Act (Chapter 216)</p>	Development Control (DC), Building Plan (BP) (external), CSC	<ul style="list-style-type: none"> <li>• Design Gateway External greenery</li> </ul>

	<ul style="list-style-type: none"> <li>To prepare the plans for civil &amp; structural works, supervise the carrying out of and inspect external greenery works to ensure that these works were carried out in accordance with approved plans pursuant to Section 32 of the Parks and Trees Act (Cap. 216) (“the Act”), with understanding of the provisions of Sections 35 and 36 of the Parks and Trees Act (Chapter 216).</li> </ul>		<ul style="list-style-type: none"> <li>Construction Gateway - External greenery</li> <li>Direct Submission Process – External greenery</li> <li>External works (plan application) - External greenery</li> <li>Direct Submission Process - External greenery</li> <li>Site clearance/ earthworks</li> <li>Planting scheme</li> <li>CSC</li> </ul>
SCDF	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Building Plans submissions</b> involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	Fire safety building plan, MAA	<ul style="list-style-type: none"> <li>Construction Gateway – fire safety building plan</li> <li>Direct submission process - fire safety building plan/MAA</li> </ul>

	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Wet Riser System Plans submissions</b> involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	Fire protection plan	<ul style="list-style-type: none"> <li>Independent submission - Fire Protection Plan</li> </ul>
	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Automatic Sprinkler &amp; Fixed Water Spray/ Foam System Plans</b> submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	Fire protection plan	<ul style="list-style-type: none"> <li>Independent submission - Fire Protection Plan</li> </ul>
LTA	<p>Submissions and supervision of development/building <b>works within railway protection zone/ railway corridor</b> in accordance to Rapid Transit Systems Act (Chapter 263A) and its Regulations</p>	Rails Development Proposal (DP), Building Proposal (BP)	<ul style="list-style-type: none"> <li>Design Gateway - Rails</li> <li>Construction Gateway - Rails</li> <li>Direct Submission Process</li> <li>CSC</li> <li>Permit - Permit to carry out engineering</li> </ul>

			works in Railway Protection Zone (RPZ)/ Railway corridor
	Submissions for <b>layout plans</b> involving works under Street Works Act (Chapter 320A)	For layout plan stage	<ul style="list-style-type: none"> <li>• Design Gateway - layout plans</li> <li>• Direct Submission Process – layout plans</li> <li>• Permit - Engineering work/ activity under Street Works Act</li> </ul>
	Submissions for <b>street plans</b> involving works under Street Works Act (Chapter 320A)	For street plan	<ul style="list-style-type: none"> <li>• Construction Gateway - street plans</li> <li>• Direct Submission Process – street plans</li> <li>• Permit - Engineering work/ activity under Street Works Act</li> <li>• CSC</li> </ul>

	Submissions involving works under <b>Parking Places Act</b> (Chapter 214) and its Rules	Vehicle parking	<ul style="list-style-type: none"> <li>Construction Gateway - vehicle parking</li> <li>CSC</li> </ul>
PUB	Submissions involving works for <b>drainage</b> in accordance to Sewerage and Drainage Act (Chapter 294) and its Regulations	DC - Drainage DP - Drainage	Design Gateway submission – Public utilities – Drainage
	Submissions involving works for <b>sanitary</b> in accordance to Sewerage and Drainage Act (Chapter 294) and its Regulations	DC – Sanitary and sewerage DP - Sanitary	Design Gateway submission – Public utilities - sanitary
	Submissions involving works for <b>sewerage and works affecting sewer</b> in accordance to Sewerage and Drainage Act (Chapter 294) and its Regulations	DP - Sewerage	<ul style="list-style-type: none"> <li>Construction Gateway - sewerage</li> <li>Direct Submission Process – sewerage and sanitary</li> <li>Works in public sewerage system</li> </ul>
	Submissions involving works for <b>RC trench</b> in accordance to Sewerage and Drainage Act (Chapter 294) and its Regulations	DP - RC trench	Construction gateway – public utilities - RC trench
NEA	Submissions involving works for <b>environmental health</b> in accordance to the environmental requirements (environmental	For DC and environmental health BP submission/ lodgement	<ul style="list-style-type: none"> <li>Design Gateway – environmental health and pollution control</li> </ul>

	health and pollution control) including Acts, Regulations, Codes of Practice, Guidelines, etc		<ul style="list-style-type: none"> <li>• Construction Gateway – environmental health</li> <li>• Direct Submission Process – environmental health and pollution control</li> <li>• TOP/CSC</li> </ul>
	Submissions involving works for <b>pollution control</b> in accordance to the environmental requirements (environmental health and pollution control) including Acts, Regulations, Codes of Practice, Guidelines, etc	For pollution control submission	<ul style="list-style-type: none"> <li>• Design Gateway – environmental health and pollution control</li> <li>• Construction Gateway – pollution control</li> <li>• Direct Submission Process – environmental health and pollution control</li> <li>• TOP/CSC</li> </ul>

### 3. List of responsibilities that Specialist Professional Engineer (Geotechnical) may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p>Submission and supervision of the plans relating to the geotechnical aspects of geotechnical building works in the Building Works under Section 8(1)(d)(i) of the Act.</p> <ul style="list-style-type: none"> <li>To <b>prepare the plans</b> relating to the geotechnical aspects of geotechnical building works in the Building Works under Section 8(1)(d)(i) of the Act</li> </ul>	ST plan C-form record plan	<p>Construction Gateway/ Piling Gateway – Building control - geotechnical building works</p> <p>Independent submission – Independent structural plan and permit - geotechnical building works</p> <p>Technical clearance - Completion of structural works - Record plan for geotechnical building works</p>
	<p>Submission and supervision of the plans relating to the geotechnical aspects of geotechnical building works in the Building Works under Section 8(1)(d)(i) of the Act.</p> <ul style="list-style-type: none"> <li>To <b>supervise the carrying out</b> of geotechnical aspects of the geotechnical building works in the Building Works under section 8(1)(d)(ii) of the Act.</li> </ul>	Permit c-form (certificate of supervision)	Permit application Technical clearance - completion of structural works - certificate of supervision



#### 4. List of responsibilities that Professional Engineer (Electrical) may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p>Submissions involving electrical and mechanical engineering works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To <b>prepare the plans</b> of the following mechanical &amp; electrical engineering works in the Building Works under Section 8(1)(a) of the Act <ul style="list-style-type: none"> <li>○ All mechanical &amp; electrical engineering works; and or</li> <li>○ Public shelter (including transit shelter) (as defined in the Civil Defence Shelter Act (Cap. 42A)); and or</li> <li>○ Lightning protection system works; and or</li> <li>○ Air-conditioning/mechanical ventilation works; and or</li> <li>○ (Specify)</li> </ul> </li> </ul>	CD shelter submission	Independent submission - Transit/public shelter submission
	<p>Submissions involving electrical and mechanical engineering works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To <b>supervise</b> the carrying out of the following mechanical and electrical engineering works in the Building Works under Section 8(1)(b) of The Building Control Act 1989All mechanical &amp; electrical engineering works; and or <ul style="list-style-type: none"> <li>○ Public shelter (including transit shelter) (as defined in the Civil Defence Shelter Act (Cap. 42A)); and or</li> <li>○ Lightning protection system works; and or</li> <li>○ Air-conditioning/mechanical ventilation works; and or</li> <li>○ (Specify)</li> </ul> </li> </ul>	ACMV/ LPS Certificate of supervision	<p>Independent submission- Transit/public shelter submission</p> <p>Technical clearance - Certificate of supervision of LPS or ACMV</p>

SCDF	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Mechanical Ventilation Plans</b> submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	<p>Only for PE (Elect) up to registration no. 1311</p> <p>ACMV plan</p>	<p>Only for PE (Elect) up to registration no. 1311</p> <p>Independent submission - ACMV plan</p>
	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Automatic Fire Alarm System Plans</b> submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	<p>FP plan</p>	<p>independent submission - fire protection plan</p>
LTA	<p>Submissions and supervision of development/building <b>works within railway protection zone/ railway corridor</b> in accordance to Rapid Transit Systems Act (Chapter 263A) and its Regulations</p>	<p>Rails submissions</p>	<p>Design Gateway/ Piling Gateway/ Construction Gateway - rails</p> <p>Permit - Permit to carry out engineering works in Railway Protection Zone (RPZ)/ Railway corridor</p>
	<p>Submissions for <b>street plans</b> involving works under Street Works Act (Chapter 320A)</p>	<p>Street plan</p>	<p>Construction Gateway - For street plan submission</p>

NEA	Submissions involving works for <b>environmental health</b> in accordance to the environmental requirements (environmental health and pollution control) including Acts, Regulations, Codes of Practice, Guidelines, etc	For DC and environmental health BP submission/ lodgement	<p>Design Gateway – environmental health and pollution control</p> <ul style="list-style-type: none"> <li>• Construction Gateway – environmental health</li> <li>• Direct Submission Process – environmental health and pollution control</li> </ul> <p>Independent submission – temporary sanitary facilities, noise assessment</p>
	Submissions involving works for <b>pollution control</b> in accordance to the environmental requirements (environmental health and pollution control) including Acts, Regulations, Codes of Practice, Guidelines, etc	For pollution control submission	<ul style="list-style-type: none"> <li>• Construction Gateway – pollution control</li> <li>• Direct Submission Process – environmental health and pollution control</li> <li>• Independent submission – temporary sanitary</li> </ul>

			<p>facilities, noise assessment</p> <ul style="list-style-type: none"><li>• TOP/CSC</li></ul>
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## 5. List of responsibilities that Professional Engineer (Mechanical) may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p>Submissions involving electrical and mechanical engineering works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To <b>prepare the plans</b> of the following mechanical &amp; electrical engineering works in the Building Works under Section 8(1)(a) of the Act <ul style="list-style-type: none"> <li>○ All mechanical &amp; electrical engineering works; and or</li> <li>○ Public shelter (including transit shelter) (as defined in the Civil Defence Shelter Act (Cap. 42A)); and or</li> <li>○ Lightning protection system works; and or</li> <li>○ Air-conditioning/mechanical ventilation works; and or</li> <li>○ (Specify)</li> </ul> </li> </ul>		Transit/public shelter submission
	<p>Submissions involving electrical and mechanical engineering works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To <b>supervise</b> the carrying out of the following mechanical and electrical engineering works in the Building Works under Section 8(1)(b) of The Building Control Act 1989All mechanical &amp; electrical engineering works; and or <ul style="list-style-type: none"> <li>○ Public shelter (including transit shelter) (as defined in the Civil Defence Shelter Act (Cap. 42A)); and or</li> <li>○ Lightning protection system works; and or</li> <li>○ Air-conditioning/mechanical ventilation works; and or</li> <li>○ (Specify)</li> </ul> </li> </ul>		Transit/public shelter submission, Certificate of supervision of LPS or ACMV

SCDF	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Mechanical Ventilation Plans</b> submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	ACMV plan	Independent submission - ACMV plan
	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Automatic Fire Alarm System Plans</b> submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	FP plan	For independent submission to SCDF for fire protection plan
	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Wet Riser System Plans</b> submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	FP plan	For independent submission to SCDF for fire protection plan
	<p>Submissions involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the Qualified Person for the proposal <ul style="list-style-type: none"> <li>All associated works for <b>Automatic Sprinkler &amp; Fixed Water Spray/ Foam Spray System Plans</b> submissions</li> </ul> </li> </ul>	FP plan	For independent submission to SCDF for fire protection plan

	involving fire safety works in accordance to Fire Safety Act 1993 and its Regulations		
LTA	Submissions and supervision of development/building <b>works within railway protection zone/ railway corridor</b> in accordance to Rapid Transit Systems Act (Chapter 263A) and its Regulations	Rails submission	Design/ Piling/ Construction For rails submission  <ul style="list-style-type: none"> <li>Permit - Permit to carry out engineering works in Railway Protection Zone (RPZ)/ Railway corridor</li> </ul>
	Submissions for <b>street plans</b> involving works under Street Works Act (Chapter 320A)	Street Plan submission	Construction Gateway - street plan submission
PUB	Submissions involving works for <b>sanitary</b> in accordance to Sewerage and Drainage Act (Chapter 294) and its Regulations	For DC and BP sanitary submission	For sanitary submission
	Submissions involving works for <b>used water pumping system</b> in accordance to Sewerage and Drainage Act (Chapter 294) and its Regulations	For BP used water pump system submission	Construction Gateway - Public utilities - used water pump system submission
	Submissions involving works for <b>water service</b> in accordance to Public Utilities Act (Chapter 294) and its Regulations and Codes of Practice	For water service installation submission	Independent submission - water service installation

NEA	Submissions involving works for <b>environmental health</b> in accordance to the environmental requirements (environmental health and pollution control) including Acts, Regulations, Codes of Practice, Guidelines, etc	For DC and environmental health BP submission/ lodgement	<ul style="list-style-type: none"> <li>• Design Gateway – environmental health and pollution control</li> <li>• Construction Gateway – environmental health</li> <li>• Direct Submission Process – environmental health and pollution control</li> </ul> <p>Independent submission – temporary sanitary facilities, noise assessment</p>
	Submissions involving works for <b>pollution control</b> in accordance to the environmental requirements (environmental health and pollution control) including Acts, Regulations, Codes of Practice, Guidelines, etc	For pollution control submission	<ul style="list-style-type: none"> <li>• Construction Gateway – pollution control</li> <li>• Direct Submission Process – environmental health and pollution control</li> <li>• Independent submission – temporary sanitary facilities, noise assessment</li> </ul>



			<ul style="list-style-type: none"> <li>• TOP/CSC</li> </ul>
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## 6. List of responsibilities that Registered Surveyor may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
URA	<p>Submissions involving all <b>land survey and associated works</b> in planning proposals and/or works within conservation areas in accordance to Planning Act (Chapter 232)</p> <ul style="list-style-type: none"> <li>• To act on behalf of the owner as an agent to prepare the plans and submit, in accordance with the duties of a qualified person under section 24A(1) of the Planning Act 1998 ("the Act"), an application to the Competent Authority under section 13 of the Planning Act 1998 for a written permission to subdivide the lots of the subject land for the proposed subdivision in the form of electronic records and to deal with the Competent Authority on all ancillary and related matters in connection with the application, and to pay on behalf of the owner to the Competent Authority all processing fees or charges payable by the owner in connection with the application</li> </ul>	For subdivision of land or strata subdivision application	For subdivision of land or strata subdivision application

## 7. List of responsibilities that Resident Engineer (PE Civil) may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<b>Supervision of all civil and structural engineering</b> and associated works involving building works in accordance to Building Control Act 1989 and its Regulations <ul style="list-style-type: none"> <li>To <b>conduct immediate supervision</b> of critical structural works as required in Section 7(1)(c) of the Building Control Act</li> </ul>	-	Can only be added by PE (Civil) into system  Will only be involved in declaration of permit application
	<b>Supervision of all civil and structural engineering</b> and associated works involving building works in accordance to Building Control Act 1989 and its Regulations <ul style="list-style-type: none"> <li>To <b>conduct full-time supervision</b> of structural works as required in Section 7(1)(b) of the Building Control Act 1989</li> </ul>	-	Can only be added by PE (Civil) into system  Will only be involved in declaration of permit application
	<b>Supervision of all civil and structural engineering</b> and associated works involving building works in accordance to Building Control Act 1989 and its Regulations <ul style="list-style-type: none"> <li>To <b>conduct full-time supervision of geotechnical aspect</b> of geotechnical building works as required in Section 7(2)(b) of the Building Control Act</li> </ul>	-	Can only be added by PE (Civil) into system  Will only be involved in declaration of permit application

### 8. List of responsibilities that Resident Engineer (PE Electrical/Mechanical) may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p>Supervision of all electrical and mechanical engineering and associated works involving building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To supervise the carrying out of mechanical &amp; electrical engineering works in the Building Works under Section 8(1)(b) of the Building Control Act 1989</li> </ul>	-	Can only be added by PE (Electrical/ Mechanical)

### 9. List of responsibilities that Resident Technical Officer (For Civil) may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p><b>Supervision of all civil and structural engineering</b> and associated works involving building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To conduct <b>immediate supervision of critical structural works</b> as required in Section 7(1)(c) of the Building Control Act</li> </ul>	-	<p>Can only be added by PE (Civil) into system</p> <p>Will only be involved in declaration of permit application</p>
	<p><b>Supervision of all civil and structural engineering</b> and associated works involving building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To conduct <b>full-time supervision of structural works</b> as required in Section 7(1)(b) of the Building Control Act 1989</li> </ul>	-	<p>Can only be added by PE (Civil) into system</p> <p>Will only be involved in declaration of permit application</p>

	<p><b>Supervision of all civil and structural engineering</b> and associated works involving building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To conduct <b>full-time supervision of geotechnical aspect</b> of geotechnical building works as required in Section 7(2)(b) of the Building Control Act</li> </ul>	-	<p>Can only be added by PE (Civil) into system</p> <p>Will only be involved in declaration of permit application</p>
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#### 10. List of responsibilities that Resident Technical Officer (For Electrical/Mechanical) may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p><b>Assist in supervision</b> of all electrical and mechanical engineering and associated works involving building works</p> <ul style="list-style-type: none"> <li>To <b>assist in supervision</b> of the carrying out of the mechanical &amp; electrical engineering works in the Building Works</li> </ul>	-	Can only be added by PE (Electrical/ Mechanical)

#### 11. List of responsibilities that Specialist Accredited Checker may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p><b>Checking of all geotechnical engineering and associated works</b> for submissions involving building works in accordance to Building Control Act 1989 and its Regulations</p>	<p>Specialist accredited checker certificate</p> <p>C-form</p>	Piling/ Construction gateway – Building Control - Specialist

	<ul style="list-style-type: none"> <li>As <b>specialist accredited checker in respect of geotechnical aspects</b> of the geotechnical building works in the Building Works under section 8(1)(f)(i) of the Building Control Act 1989</li> </ul>		<p>Accredited checker certificate</p> <p>Completion of structural works - record plan involving GBW</p>
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## 12. List of responsibilities that Accredited Checker may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p><b>Checking of all civil and structural engineering</b> and associated works involving building works in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>As <b>accredited checker in respect of the detailed structural plans</b> and design calculations of major building works in the Building Works, under Section 8(1)(e) of the Building Control Act 1989</li> </ul>	<p>accredited checker certificate</p> <p>C-form</p>	<p>Piling/ Construction gateway – Building Control - Accredited checker certificate</p> <p>Technical clearance - Completion of structural works - record plan of structural works</p>

**13. List of responsibilities that Registered Inspector (Architect) may undertake**

<b>Agency</b>	<b>Responsibilities</b>	<b>Equivalent submission under current process in CN2</b>	<b>Submission stage that requires this in CORENET X</b>
SCDF	Inspection of all architectural and associated works involving fire safety works listed in Part I of the First Schedule and the fire safety engineering works of the project in accordance to Fire Safety Act 1993 and its Regulations	-	For TFP/FSC

**14. List of responsibilities that Registered Inspector (Mechanical/Electrical) may undertake**

<b>Agency</b>	<b>Responsibilities</b>	<b>Equivalent submission under current process in CN2</b>	<b>Submission stage that requires this in CORENET X</b>
SCDF	Inspection of all electrical and mechanical engineering and associated works involving fire safety works listed in Part II of the First Schedule and the fire safety engineering works of the project in accordance to Fire Safety Act 1993 and its Regulations	-	For TFP/FSC

## 15. List of responsibilities that Fire Safety Engineer may undertake

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
SCDF	<p>Submissions involving fire safety works in all fire safety engineering and associated works under <b>performance-based approach</b> in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the               <ul style="list-style-type: none"> <li><b>Fire Safety Engineer</b> for the associated works for fire safety engineering submissions involving performance-based approach of fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	FEDB	For Performance based fire safety submission (FEDB), will only be involved in declaration)
	<p>Submissions involving fire safety works in all fire safety engineering and associated works under <b>performance-based approach</b> in accordance to Fire Safety Act 1993 and its Regulations</p> <ul style="list-style-type: none"> <li>To act on behalf of the Applicant as the               <ul style="list-style-type: none"> <li><b>Peer Reviewer of</b> the Fire Safety Engineer for the associated works for fire safety engineering submissions involving performance-based approach of fire safety works in accordance to Fire Safety Act 1993 and its Regulations</li> </ul> </li> </ul>	FEDB	For Performance based fire safety submission (FEDB), will only be involved in declaration

**16. List of responsibilities that Licensed Builder may undertake**

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p><b>Carrying out of all building works</b> in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To carry out the Building Works under Section 8(1)(c) of The Building Control Act 1989, being directly engaged by the developer to perform the Building Works, and is not a sub-contractor engaged by another builder or contractor</li> </ul>	Permit C-form (BCBC)	For permit application, Completion of structural works- Builder's Cert

**17. List of responsibilities that Specialist Builder may undertake**

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
BCA	<p>Carrying out of <b>specialist building works</b> in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To carry out instrumentation monitoring for projects involving Geotechnical Building Works including monitoring instruments measuring pore pressures for saturated and unsaturated levels, ground-water levels, ground movements or building movements and to measure forces, deformations or displacements, in the Building Works under Section 8(1)(f)(ii) of the Building Control Act 1989</li> </ul>	Specialist Builder Certificate	<p>Only developers can appoint SB's for this scope</p> <p>Will only be involved in declaration of permit and completion of structural works</p>
	Carrying out of <b>specialist building works</b> in accordance to Building Control Act 1989 and its Regulations	Specialist Builder Certificate	Will only be involved in declaration of permit and



	<ul style="list-style-type: none"> <li>To carry out <b>piling works</b> under Section 8(1)(c) of the Act</li> </ul>		completion of structural works
	<p>Carrying out of <b>specialist building works</b> in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To carry out <b>ground support and stabilisation works</b> under Section 8(1)(c) of the Act</li> </ul>	Specialist Builder Certificate	Will only be involved in declaration of permit and completion of structural works
	<p>Carrying out of <b>specialist building works</b> in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To carry out <b>structural steelwork</b> under Section 8(1)(c) of the Act</li> </ul>	Specialist Builder Certificate	Will only be involved in declaration of permit and completion of structural works
	<p>Carrying out of <b>specialist building works</b> in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To carry out <b>pre-cast concrete work</b> under Section 8(1)(c) of the Act</li> </ul>	Specialist Builder Certificate	Will only be involved in declaration of permit and completion of structural works
	<p>Carrying out of <b>specialist building works</b> in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To carry out <b>in-situ post-tensioning work</b> under Section 8(1)(c) of the Act</li> </ul>	Specialist Builder Certificate	Will only be involved in declaration of permit and completion of structural works
	<p>Carrying out of <b>specialist building works</b> in accordance to Building Control Act 1989 and its Regulations</p> <ul style="list-style-type: none"> <li>To carry out <b>instrumentation monitoring</b> under Section 8(1)(c) of the Act (excluding instrumentation monitoring for projects involving Geotechnical Building Works)</li> </ul>	Specialist Builder Certificate	Will only be involved in declaration of permit and completion of structural works

**18. List of responsibilities that Licensed Plumber may undertake**

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
PUB	To carry out <b>water service work</b> or sanitary work in the building works	Form B	Independent – Works in public sewerage system

**19. List of responsibilities that Transport Consultant may undertake**

Agency	Responsibilities	Equivalent submission under current process in CN2	Submission stage that requires this in CORENET X
LTA	To conduct the study, prepare and submit the <b>Transport Impact Assessment (TIA)</b> for the proposed development works	-	Independent – Transport Impact Assessment