

CORENET X Key Concept

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Programme Highlight

Items

Part 1: CORENET X Key Concept

- Introduction to new RABW & Lodgment
- Part submission
- Project creation – appointment & acknowledgement

Part 2: New Submission Portal

- Project planning and submission naming convention
- Create submission, amendment & resubmission
- C&S plan application & independent submissions
- Permit to commence work
- Completion of structural works

Refreshment

Part 3: Streamlining C&S Format & Workflow

- Update of ST declaration and BE forms
- Introduce checksum
- C&S IFC-SG model preparation
- Model review & IFC tool available in market
- CORENET X resources



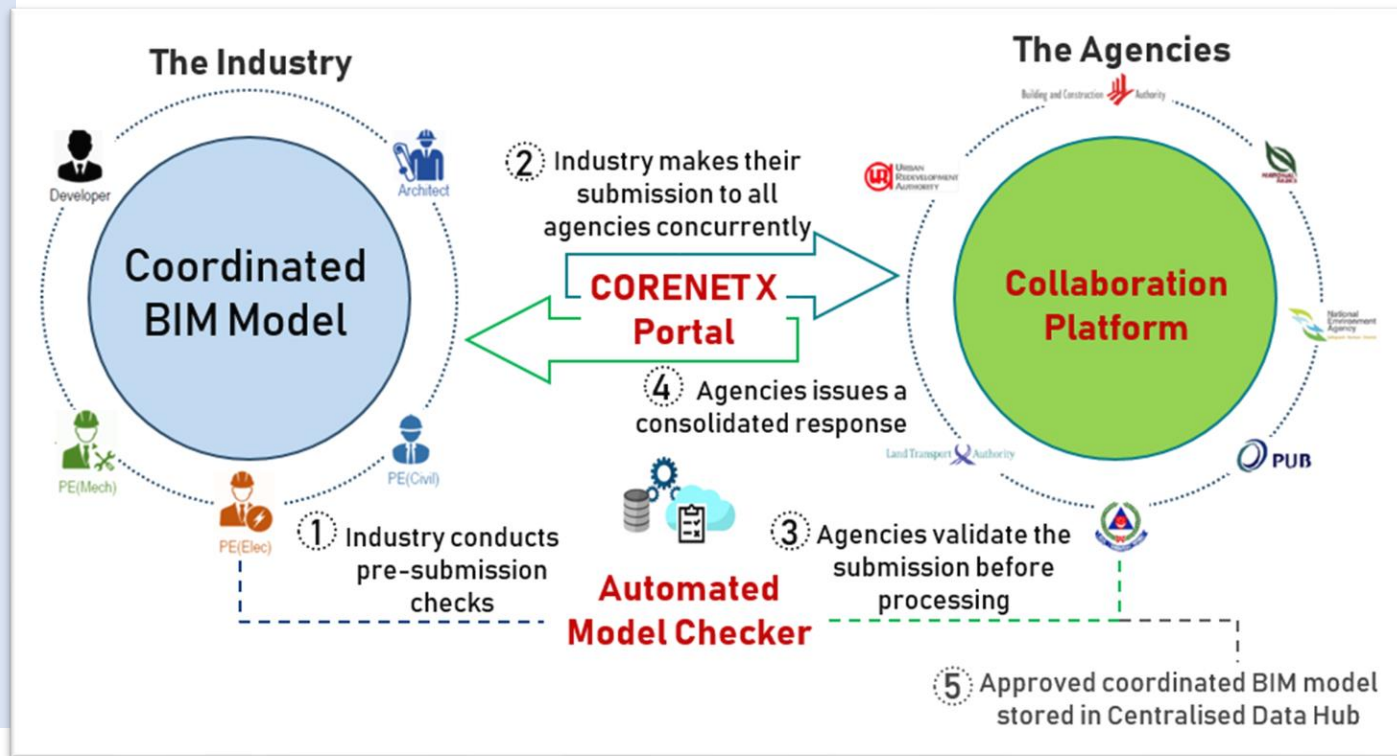
Overview of CORENET X

Vision: A Future Ecosystem of Regulatory Approval of Building Works that Accelerates The Transformation of the Construction Industry

FIRST IN THE WORLD One-Stop Integrated Digital Shopfront

TRANSFORMATION of INDUSTRY

- Promote design coordination and teamwork
- Promote digitalization of construction sector
- Support IDD¹ & DfMA² imperatives



TRANSFORMATION of REGULATORY AGENCIES

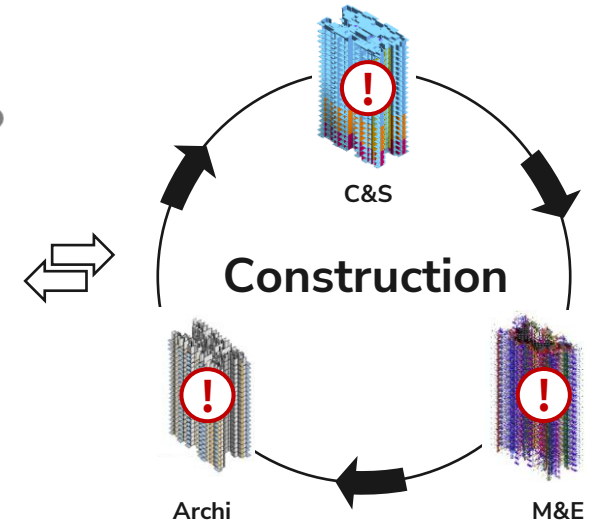
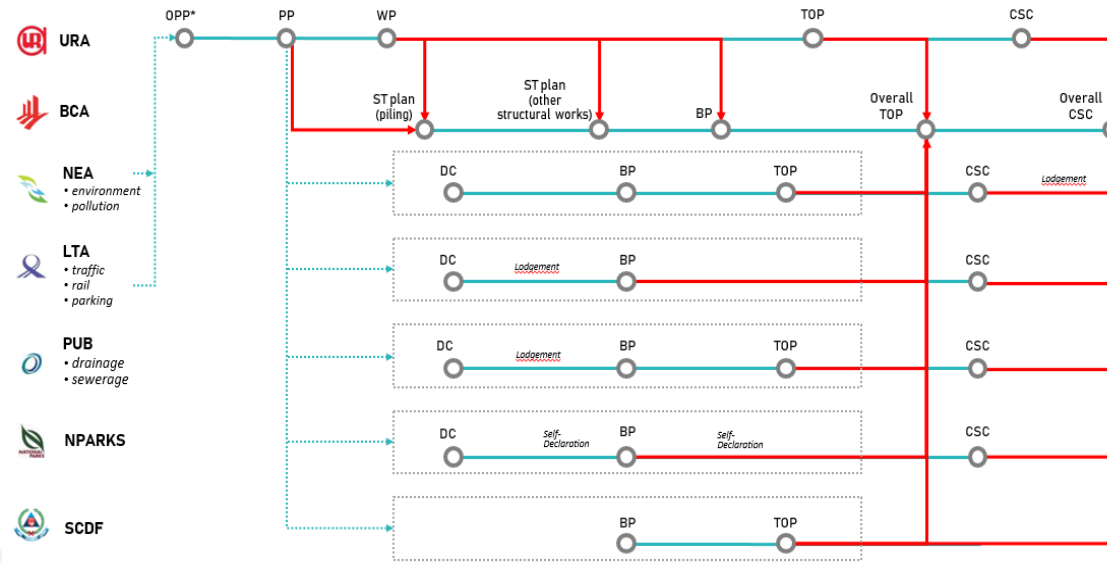
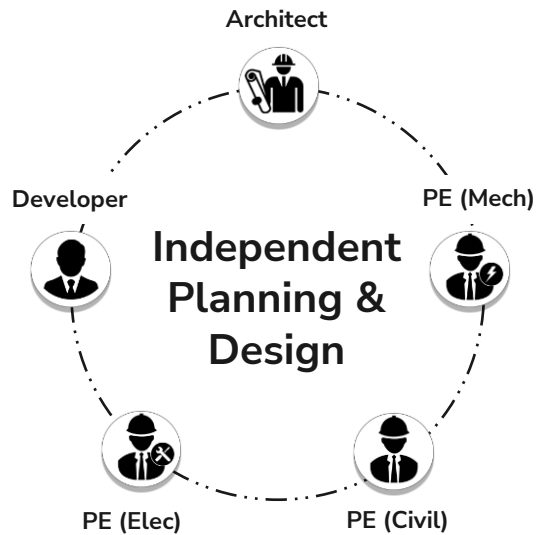
- Reduce silos, iterations & condense touchpoints
- Embrace collaboration & raise productivity amidst rising demands
- Improve accessibility & centralise information towards a Single Source of Truth

¹ IDD is the use of digital technologies to integrate work processes and connect stakeholders working on the same project throughout the construction and building life-cycle

² DfMA is a continuum of various technologies and methodologies that promote offsite fabrication from prefabricated components to fully integrated assemblies across the structural, architectural and Mechanical/ Electrical disciplines.

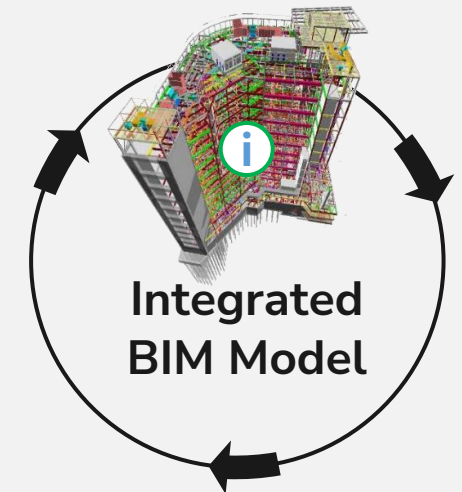
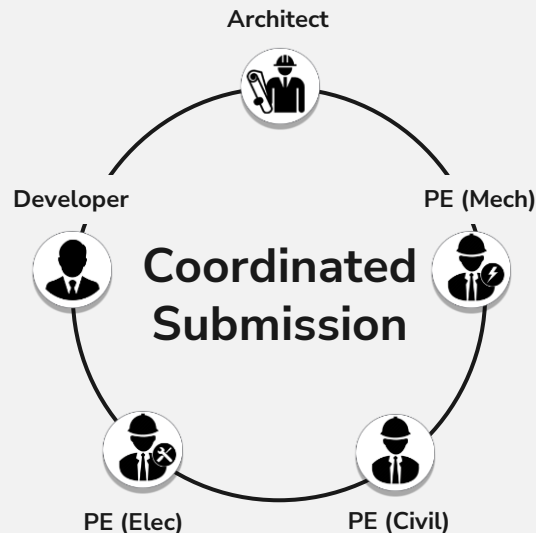
Key Changes and Potential Impact – New Regulatory Gateway

Today's Separate and Concurrent Regulatory Approval Process



V.S.

Envisaged Streamlined Regulatory Approval Process



CORENET X will transform and redesign our regulatory processes into **3 main gateways**

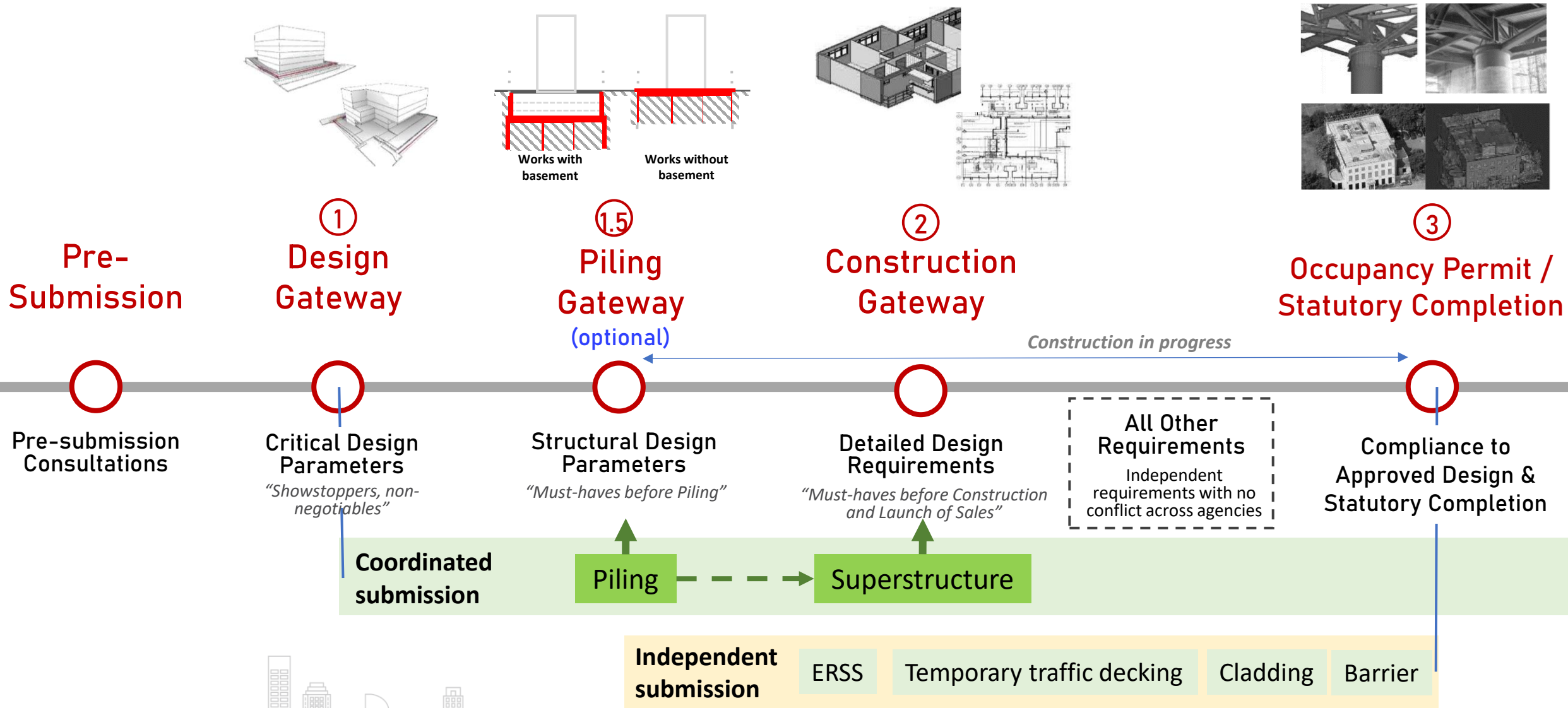


Structural Submission in CORENET X

- 1) 3 Main Gateway Approval Process
- 2) Direct Submission Process (DSP)
- 3) Lodgment



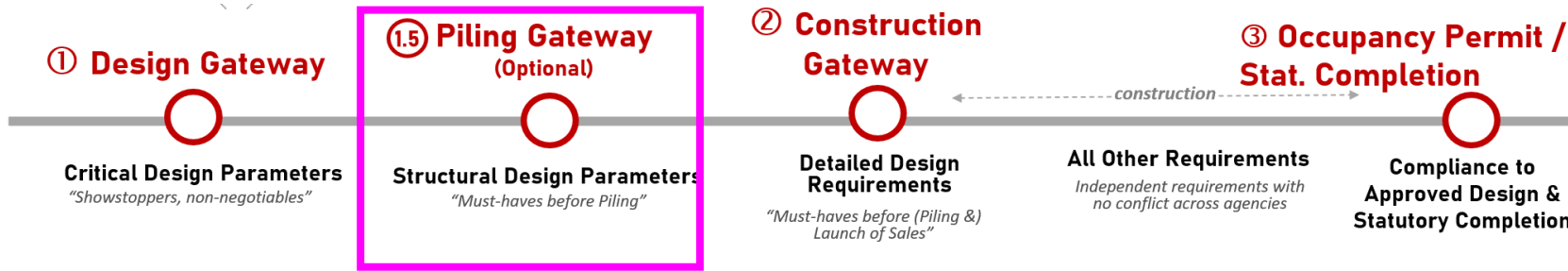
Key Principles of CX Gateway Approval Process



Service Level Agreement (SLA) 20 working days,
max 2 WDs with 60 days WD response time



CORENET X Workflow – Piling Gateway (Optional*)



*QPs are to assess the risk involved when opting for piling gateway before superstructure is approved.

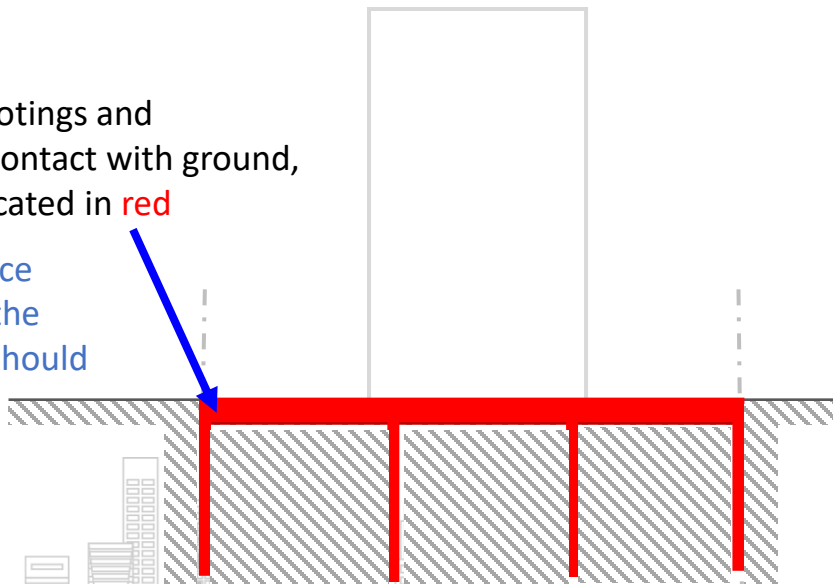
Agencies involved:
BCA-ST & LTA

Agencies have developed the Piling Gateway as a clearance for design of permanent piling and substructure works (that do not affect internal layout)

Conventional foundation system

Piling, pilecap/ footings and substructures in contact with ground, i.e. Elements indicated in red

(a set of reference plan/ model of the entire building should be provided)



❖ Column starter bars can be included

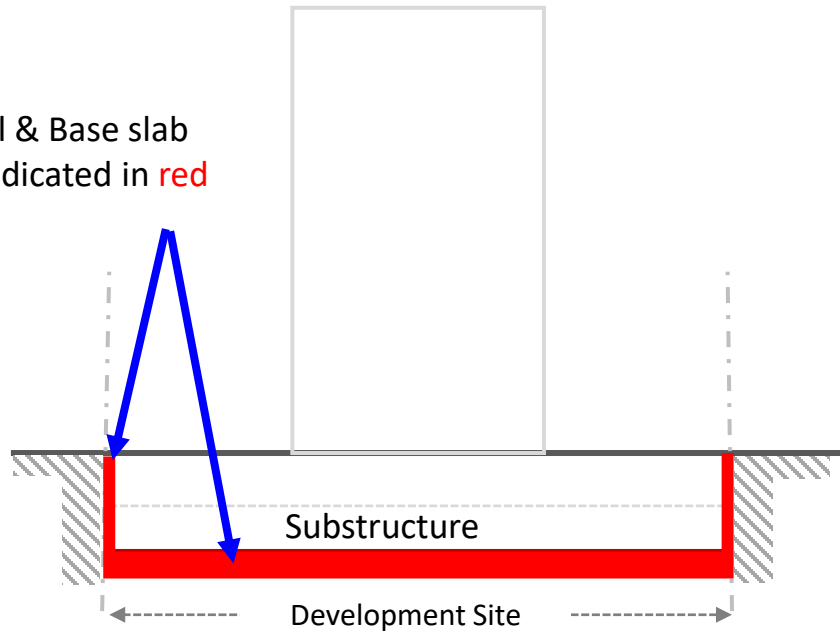
- The Piling Gateway clearance pertains to the design of permanent piling and substructure works (that do not affect internal layout), where its **clearance is for design approval and not for commencement of works**
- Other site works (e.g. for site clearance, temporary protection, etc), which do not form part of the permanent structures but still require agencies' clearances, can be cleared in parallel and need not be tied to the Piling Gateway approval



CORENET X Workflow – Piling Gateway (Optional*)

Bottom up Construction & Foundation

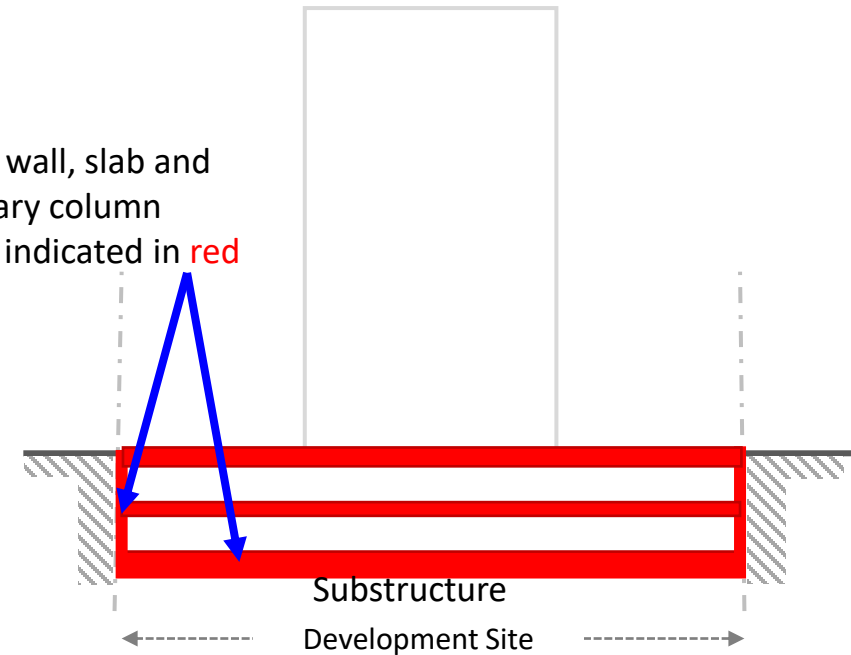
Diaphragm wall & Base slab
i.e. Elements indicated in red



- ❖ Column starter bars can be included

Top down Construction & Foundation

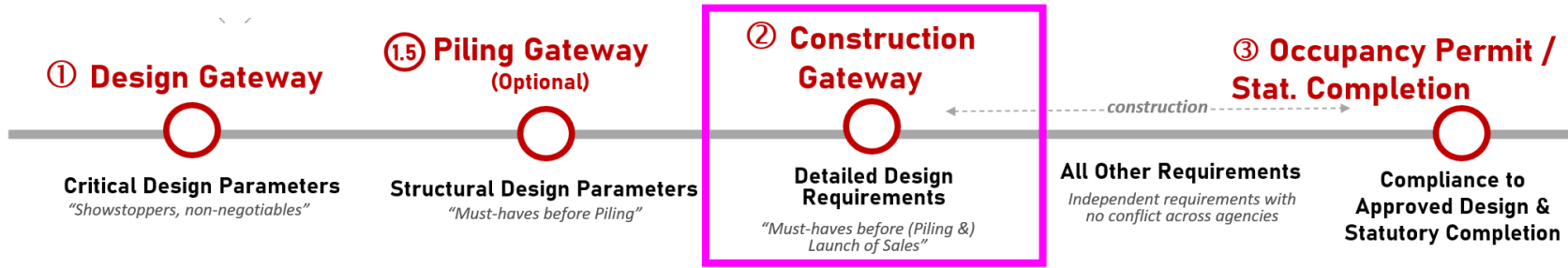
Diaphragm wall, slab and temporary column
i.e. Elements indicated in red





- ❖ Any temporary structures to support top down construction must be included.
- ❖ For any permanent structures required to be included, QPs must ensure their works will not lead to non-compliances later on (eg: circulation and headroom).



CORENET X Workflow – Construction Gateway



To resolve multi-agency requirements concerning design details that need to be coordinated before commencement of main structural works and launch of Sales.

Structural Design (continued from previous page)	
Agency	Requirement Category
BCA (continued from previous page)	<ul style="list-style-type: none"> Complete set of IFC-SG model(s) for all structural elements & details 2D Drawings limited to: <ul style="list-style-type: none"> General notes Special details (e.g. slab reinforcement detailing, complex structure detailing, transfer plate detailing, irregular section detailing, precast joints, prestressed details, steel connections.) <p> Design Calculation Reports:</p> <ul style="list-style-type: none"> From QP, AC, [QP(Geo) & AC (Geo), if needed] <p> Additional Supporting Documents:</p> <ol style="list-style-type: none"> Site investigation report in PDF & AGS format Impact assessment report Topography Complete set of building plan submitted simultaneously Completion letter of pre-consultation (for complex structure only)

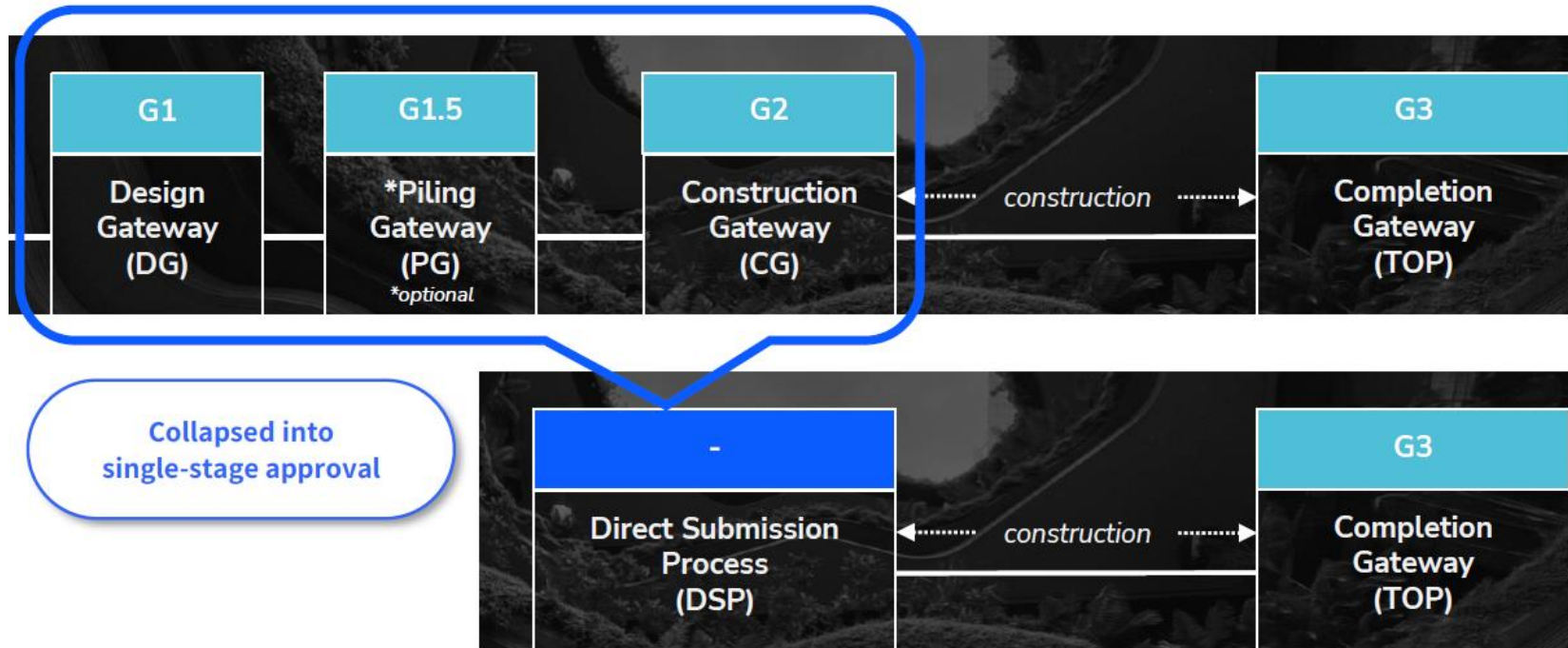
The project team should include foundation and substructure elements in Construction Gateway if they do not opt for a Piling Gateway.



Direct Submission Process (DSP)

Direct Submission Process (DSP): For less complex building works that need not be subjected to the typical 3-Gateway process

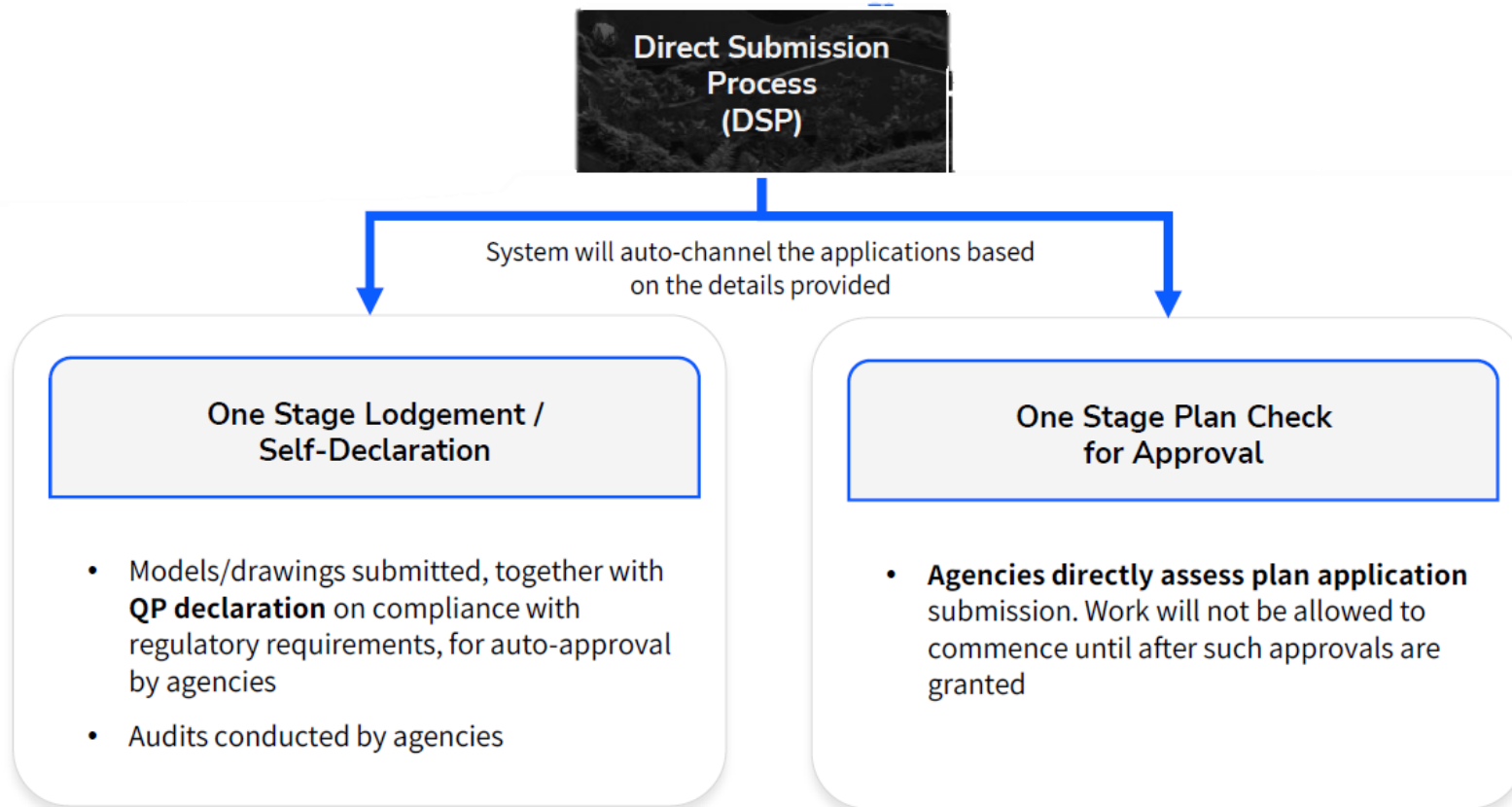
DSP is developed as a single stage approval prior to TOP/CSC, instead of multiple touchpoints at Design Gateway, Piling Gateway (optional) and Construction Gateway.



Examples of eligible type of building works: single-unit residential landed development, standalone pavilion/linkway/ single storey platform



Direct Submission Process (DSP)



Direct Submission Process

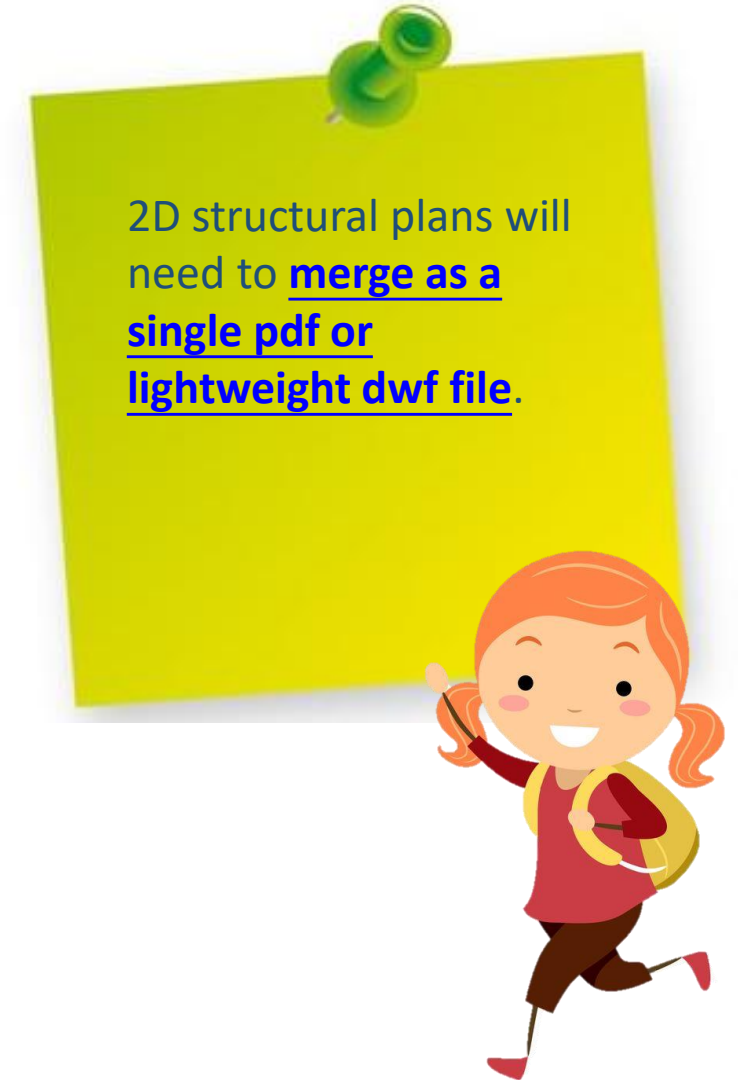
- Only eligible projects will be put under DSP
- Through a guided submission process, QP will answer a set of eligibility questions to determine whether project will be auto-channelled to either:
 - i. Lodgment/self-declaration/simplified submission scheme OR**
 - ii. One-stage plan check**for the respective agencies
- Independent submission for agency-specific requirements is still available and supported under DSP



CORENET X Workflow – Direct Submission Process



To resolve multi-agency requirements concerning design details that need to be coordinated before commencement of main structural works.



Structural Design <i>(continued from previous page)</i>	
Agency	Requirement Category
BCA <i>(continued from previous page)</i>	<ul style="list-style-type: none"> Complete set of structural plan (including civil defence shelter) for all structural elements & details <ul style="list-style-type: none"> General notes Special details (e.g. slab reinforcement detailing, complex structure detailing, transfer plate detailing, irregular section detailing, precast joints, prestressed details, steel connections.) <p>Design Calculation Reports:</p> <ul style="list-style-type: none"> From QP, AC, [QP(Geo) & AC (Geo), if needed]] <p>Additional Supporting Documents:</p> <ol style="list-style-type: none"> Site investigation report in PDF & AGS format Impact assessment report Topography Complete set of building plan submitted simultaneously Completion letter of pre-consultation (for complex structure only)



CORENET X Workflow – Independent submission



To clear agency specific requirements with no cross agency dependencies (i.e. typically affecting only one relevant agency)

Structural Design	<p><u>Structural Design</u></p> <ul style="list-style-type: none"> • 2D Drawings are acceptable for independent submissions. • Structural design of ancillary works and component such as demolition, temporary ERSS, barriers & cladding, temporary traffic decking • Structural design of localized works for ancillary structures e.g. cladding, barrier • These plans will need to make reference back to the coordinated model submitted by the Main QP at the Construction Gateway (G2). <p>☐☐☐☐ <u>Design Calculation Reports</u></p> <ul style="list-style-type: none"> • From QP, AC, [QP(Geo) & AC (Geo), if needed] <p>☐☐☐☐ <u>Additional Supporting Documents:</u></p> <ol style="list-style-type: none"> Site investigation report in pdf & AGS format Impact assessment report Design consideration for Earth Retaining or Stabilising Structures (ERSS)) – ERSS_Annex A QP’s & AC’s Certification for fixings of ancillary structures
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The project team can submit independent submission design details separately after direct submission process.



Simplified Process- Lodgment

New Lodgment Scheme

- Pro-enterprise approach in tandem with the launch of CORENET X
- Facilitate a simplified regulatory plan approval process for building works identified to be less complex and lower-risk
- CORENET X submission portal available for voluntary submissions since 1 June 2024

Our Ref : APPBCA-2023-17
22 December 2023

See Distribution List

Dear Sir/Madam

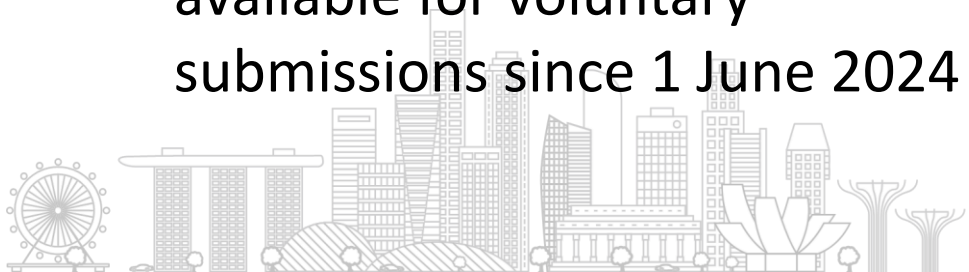
NEW LODGMENT SCHEME FOR REGULATORY SUBMISSIONS OF THE PLANS OF LESS COMPLEX AND LOWER-RISK BUILDING WORKS

This circular is to inform the industry on the introduction of a new **Lodgment Scheme** for regulatory submissions of plans of **less complex and lower-risk building works** under the Building Control Act 1989 (“**BC Act**”) and Building Control Regulations 2003 (“**BC Regulations**”).

Background

2 In tandem with the launch of CORENET X, the new Lodgment Scheme is introduced as a pro-enterprise approach to facilitate a simplified regulatory plan approval process for building works identified to be less complex and lower-risk (“**lodgment works**”).

3 For such projects, Qualified Persons (“**QPs**”) could lodge the plans with the Commissioner of Building Control (“**CBC**”) along with the required declaration(s) and document(s) (“**lodged plans**”). QPs who lodge the plans with the CBC will receive an acknowledgment via CORENET X, and the plans will be deemed approved by the CBC.



Simplified Process- Lodgment

1. Prepare

2. Submit

3. Acknowledge receipt

4. Commence

Check lodgment conditions for eligibility

- Full list of works can be found in the Ninth Schedule
- Maximum 1 QP for structural works and 1 QP for architectural works

Ensure plans and documents (e.g. design calculations) are ready

Differentiation from First Schedule (IBW)

Unlike IBWs, QPs are required to lodge the plans with the CBC ***for records and audit purposes***



Simplified Process- Lodgment

1. Prepare

2. Submit

3. Acknowledge receipt

4. Commence

Works that qualify for lodgment submission*

*refer to detailed requirements in Building Control Regulations 2003 Ninth Schedule

Landed residential homes



- ≤ 3 storeys
- Excavation $\leq 2\text{m}$
- ERSS $\leq 4\text{m}$
- Cantilever $\leq 6\text{m}$

Single storey non-residential buildings



- Beam or roof trusses span $\leq 6\text{m}$
- Cantilever span $\leq 3\text{m}$
- Height of the building $\leq 6\text{m}$
- Excavation works $\leq 2\text{m}$ depth

Chimney, light masts



- Height $\leq 20\text{m}$

Site formation works



- Slope $\leq 4\text{m}$
- Slope gradient $< 22\text{deg}$
- No soft soil beneath slope

Cranes



- Independently supported
- Span between 2 supports $\leq 6\text{m}$
- Span of any cantilever supporting frame $\leq 3\text{m}$

Single storey container



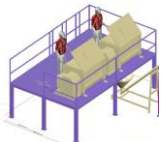
- Area $\leq 35\text{m}^2$

Full height windows & glass panels



- Full height window in landed residential ≤ 3 storeys
- Glass panel at height $\geq 2.4\text{m}$, not as safety barrier

Single storey working platform



- Height $\leq 4\text{m}$
- Span between 2 supports $\leq 6\text{m}$
- Span of any cantilever $\leq 3\text{m}$
- Area $\leq 100\text{m}^2$

Simplified Process- Lodgment



Lodgment of the following plans and documents

- (a) Building plans;
- (b) Detailed structural plans and design calculations;
- (c) Site formation plans and pile layout plans;
- (d) Civil defence shelter plans (if any); and
- (e) Demolition works plans (if any)

Prescribed lodgment fee

- Based on per lodgment application
- 50% of the non-lodgment plan fees



Simplified Process- Lodgment

1. Prepare

2. Submit

3. Acknowledge receipt

4. Commence

Upon successful lodgment, an acknowledgement letter will be issued to the developer and the QP(s).

**BUILDING CONTROL ACT
[Section 5AA]**

(Regulation 14(1) of the Building Control Regulations 2003)

WRITTEN ACKNOWLEDGMENT

STRUCTURAL PLAN (INCLUDING HOUSEHOLD SHELTER)

PROJECT REFERENCE NUMBER:

1 The above structural plans are hereby deemed approved subject to the provisions of the Building Control Act (Cap. 29) and Building Control Regulations, and the following term and condition of deemed approval:

a) there is a valid planning permission.

2 If Household Shelter structural plans ("Shelter Plans") were lodged together with the above structural plans, please note that the deemed approval granted pursuant to this Written Acknowledgment shall also be deemed to be a deemed approval of such Shelter Plans. Should there be any amendments to the deemed approved Shelter Plans which materially affects the structural details of the shelter, the Qualified Person is required to lodge the amended Shelter Plans for deemed approval before construction. To facilitate inspection of shelters, the Qualified Person is advised to submit a construction work schedule in relation to the shelter to us at least two months before the commencement of shelter works.

3 Please note that you are required, under section 6 of the Building Control Act, to apply for and obtain the permit to commence work before carrying out structural works. If a permit has already been issued for this project, there is no need to apply for the permit again as long as the parties to the permit (i.e. the developer/Owner, the qualified persons and the builder) remain the same.

✓
Reduced
time to
obtain NOA

Simplified Process- Lodgment

1. Prepare

2. Submit

3. Acknowledge
receipt

4. Commence

- **All other requirements will continue to apply to lodgment works**, including construction supervision, application for permit to commence structural works, Record Plans, C-Forms, application for TOP/CSC
- The statutory responsibilities of the developers, QPs, builders and site supervisors under the BC Act and BC Regulations **remain unchanged**.
- QP to lodge the **amendment plans** with prescribed lodgment fees
- **Audits may be conducted** on lodged plans and Written Directions may be issued in respect of any non-compliances found. CBC may **refuse to accept any further lodgment** and direct plan application to be made under Section 5 of BC Act instead



Part ST Submissions for large projects



Restricted/ Sensitive Normal



Part ST Submissions for large projects

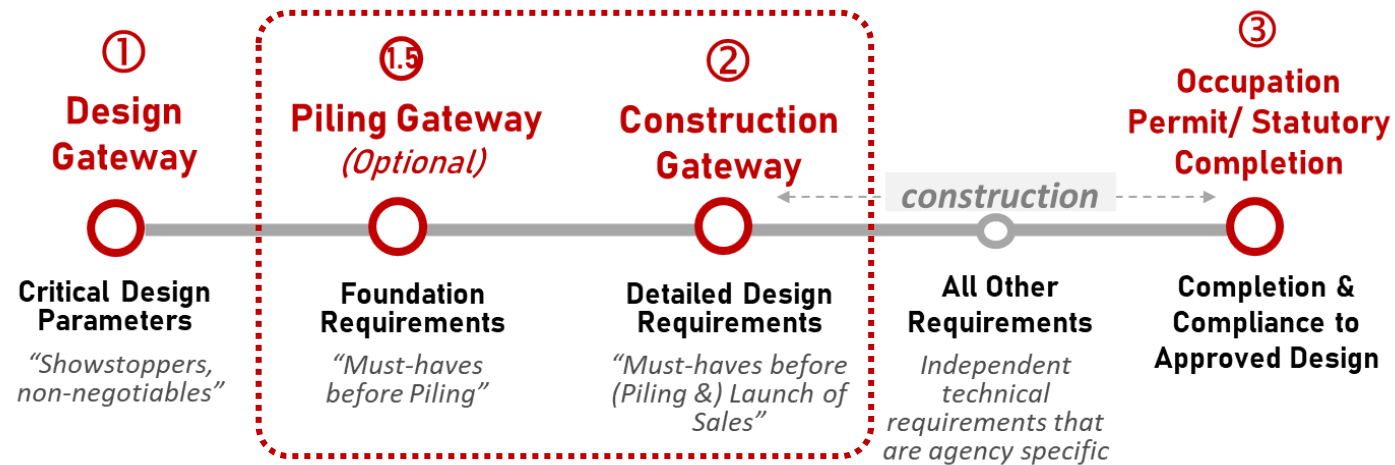
- 1) Large projects that qualify for part ST submissions
- 2) Flow of part ST submissions
- 3) Number of part STs allowed



Approach for Large Projects - Part ST Submissions



Must the full structural submission for the whole project be submitted in one go under CORENET X?



To address industry's concern that structural design takes time (especially if AC/ACO reports are required) and the impracticality to complete the full structural details in one go:

- Detailed structural design and calculations of eligible large projects **need not** be submitted in a single attempt but done through a **limited number of part ST submissions**.



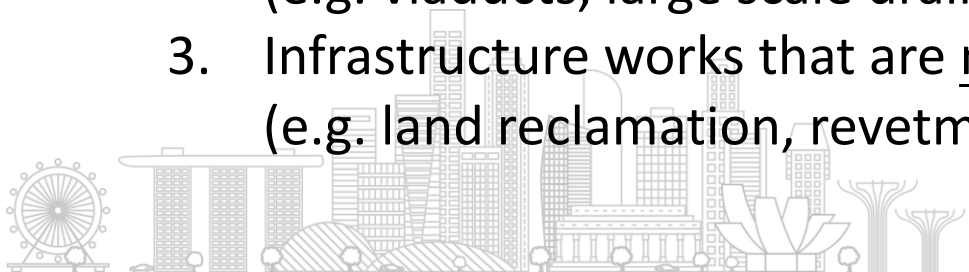
Large projects that qualify for part ST Submissions

□ Building projects:

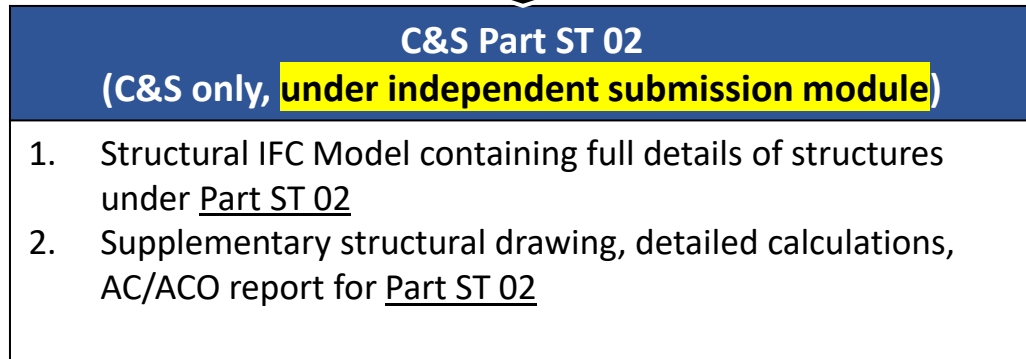
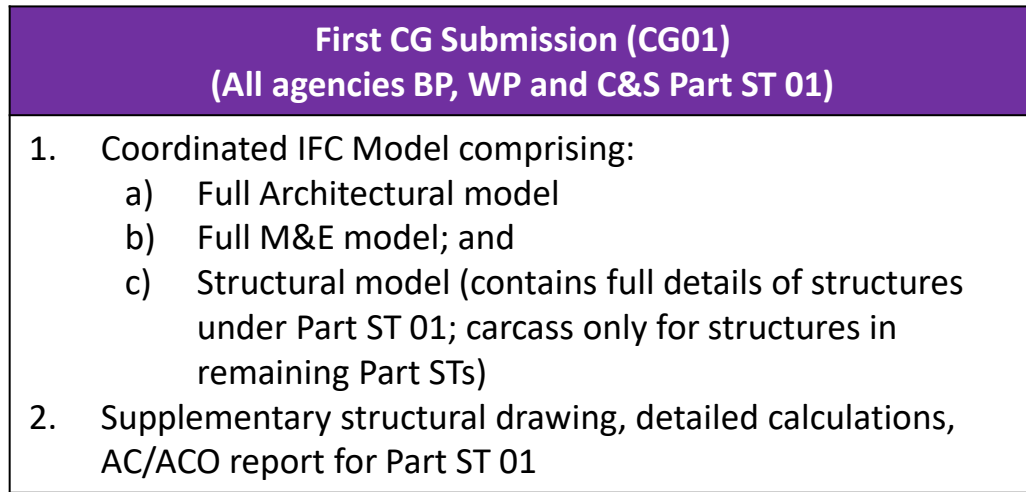
1. Any project with a **Gross Floor Area (GFA) > 40,000sqm** is eligible for part ST submission if –
 - a. the project consists of 5 or more blocks of building of at least 4 storeys high each; or
 - b. the project consists of 3 or more blocks of building of at least 4 storeys high each, with common podium or basement.
2. Cluster housing projects with 40 or more landed units

□ Infrastructure projects:

1. Infrastructure works that function like a building **with length > 150m** (e.g. MRT stations, transport nodes/ interchanges);
2. Infrastructure works that are mostly engineering works **with length > 400m** (e.g. viaducts, large scale drains, sewers)
3. Infrastructure works that are mostly coastal works **with length > 4,000m** (e.g. land reclamation, revetment, sea wall, bund wall)

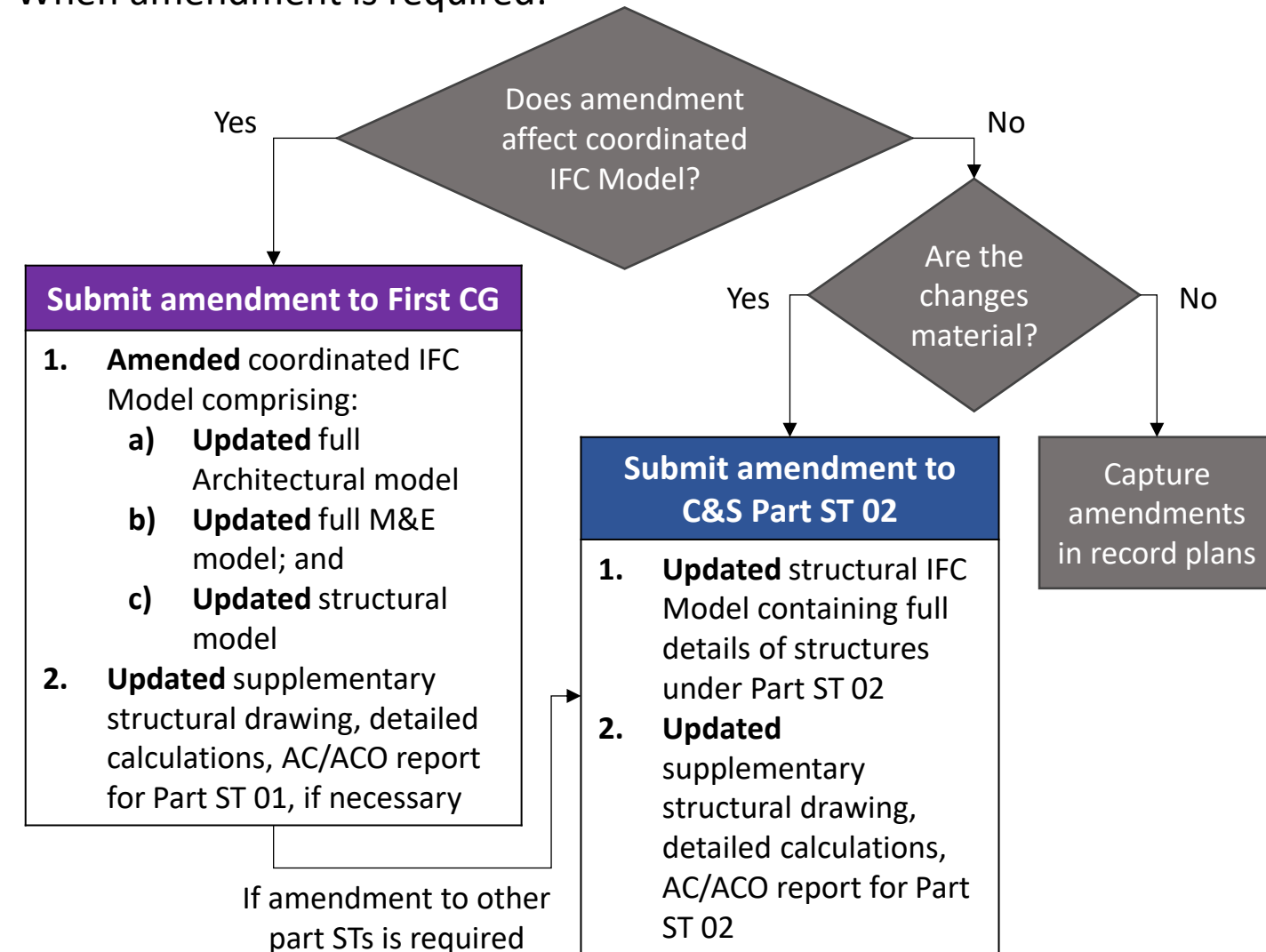


Flow of Part ST Submissions (Construction Gateway)



Approval for C&S Part ST can only be obtained after First CG is approved.

When amendment is required:



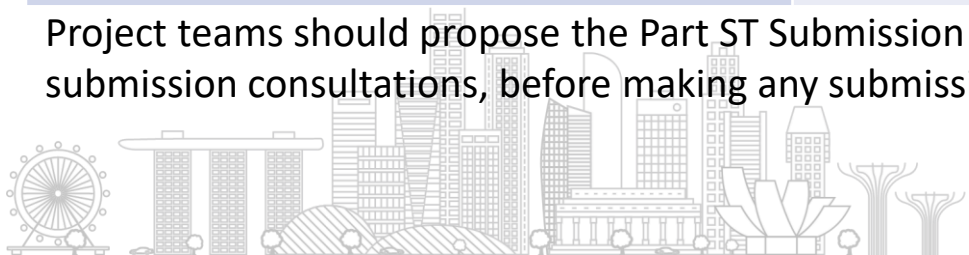
All amendments must be made to the original submission



Guidelines for Part ST Submissions – Large building projects

Scope of Works	Number of Part ST Submissions Allowed
Superstructure	<p>1 no. of Part ST Submission for every 4 blocks (rounded to nearest unit) 1 no. of Part ST submission for every 40 landed units (rounded to nearest unit)</p> <p><u>Example:</u> For a building project consisting of 9 tower blocks, 3 no. of Part ST Submissions of <u>equal GFA</u> is allowed. (i.e. if the total GFA is 105,000 sqm, each of the Part ST Submission should be about 35,000 sqm)</p>
Common Basement	1 no. of Part ST Submission
Common Podium	1 no. of Part ST Submission
All ancillary works	1 no. of Part ST Submission
All external works	1 no. of Part ST Submission
ERSS	Part ST submission not applicable (submitted under Independent submissions as per <i>the current arrangement under the standard RABW (without part ST submission) framework</i>)
Cladding	
Façade	
Temporary Deck	

Project teams should propose the Part ST Submission plan based on below guidelines and seek agencies' concurrence during pre-submission consultations, before making any submissions.



Guidelines for Part ST Submissions – Large building projects

Example Project: 6 HDB blocks with MSCP and ancillary works.



Part ST Submission 1: Block 1 – 3

Part ST Submission 3: Ancillary works within site boundary

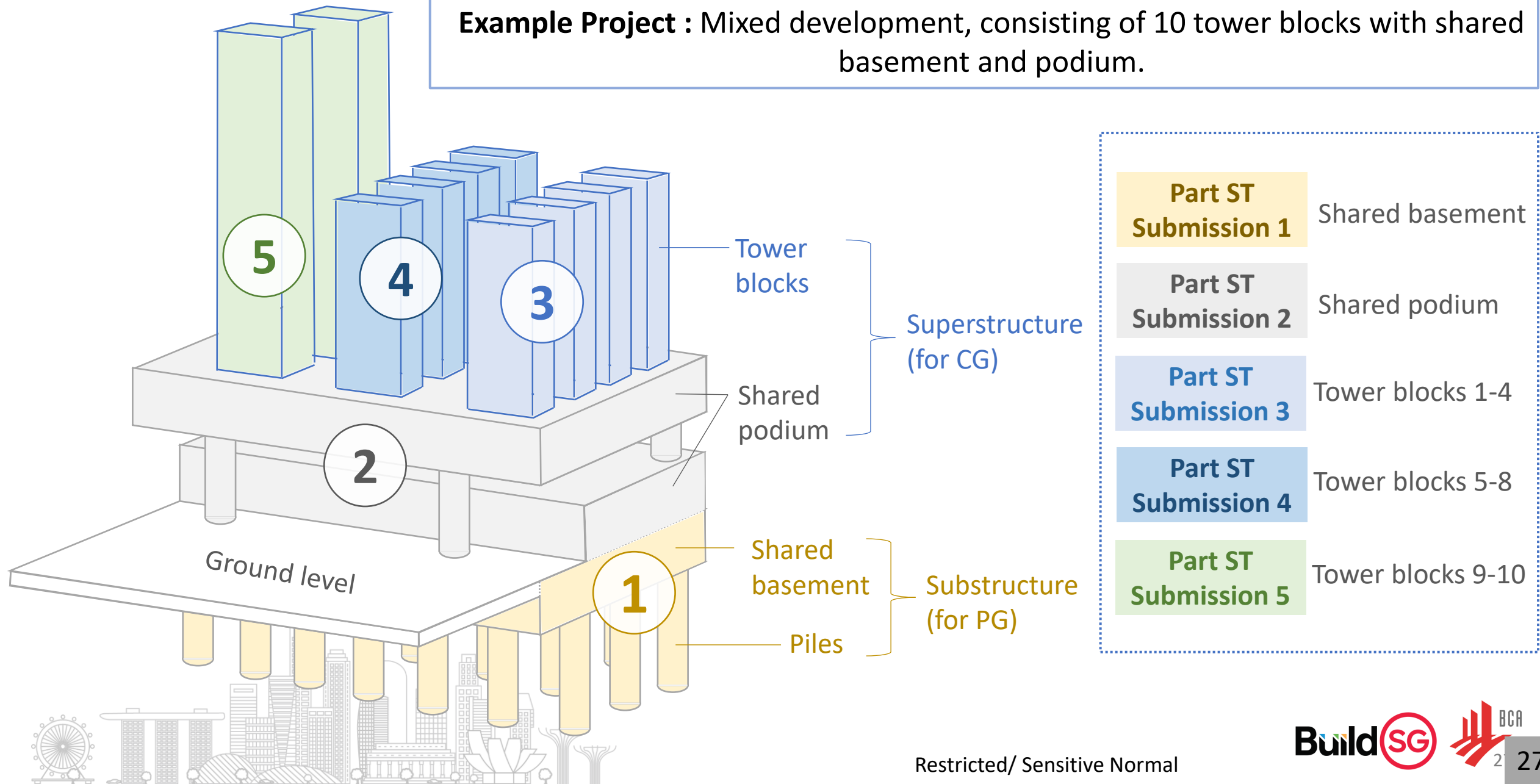
Part ST Submission 2: Block 4 – 6

Part ST Submission 4: External works outside site boundary



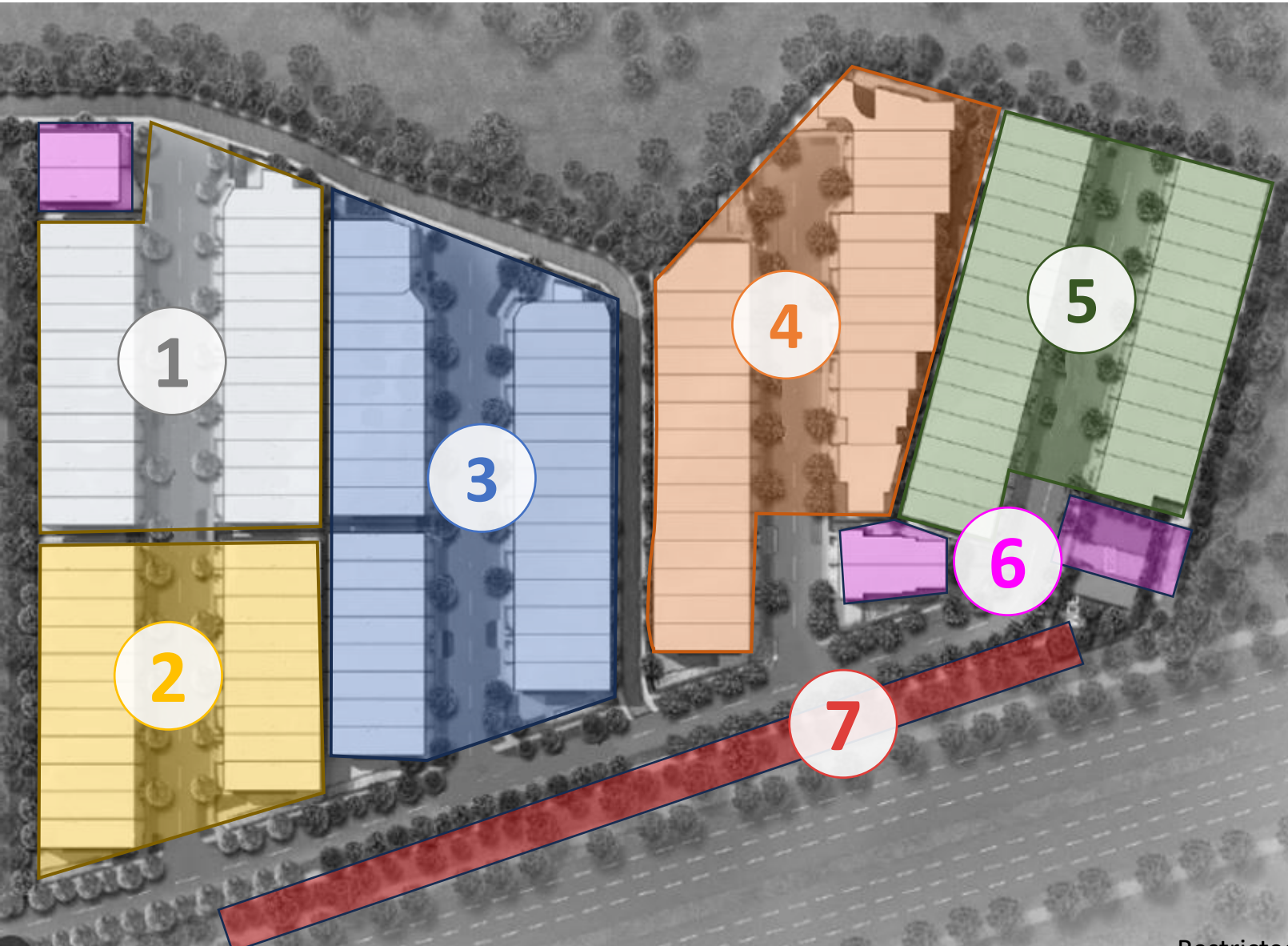
Guidelines for Part ST Submissions – Large building projects








Example Project : Mixed development, consisting of 10 tower blocks with shared basement and podium.



Guidelines for Part ST Submissions – Large building projects

Project Description: 173 units landed housing development with 3 property variance and a clubhouse.

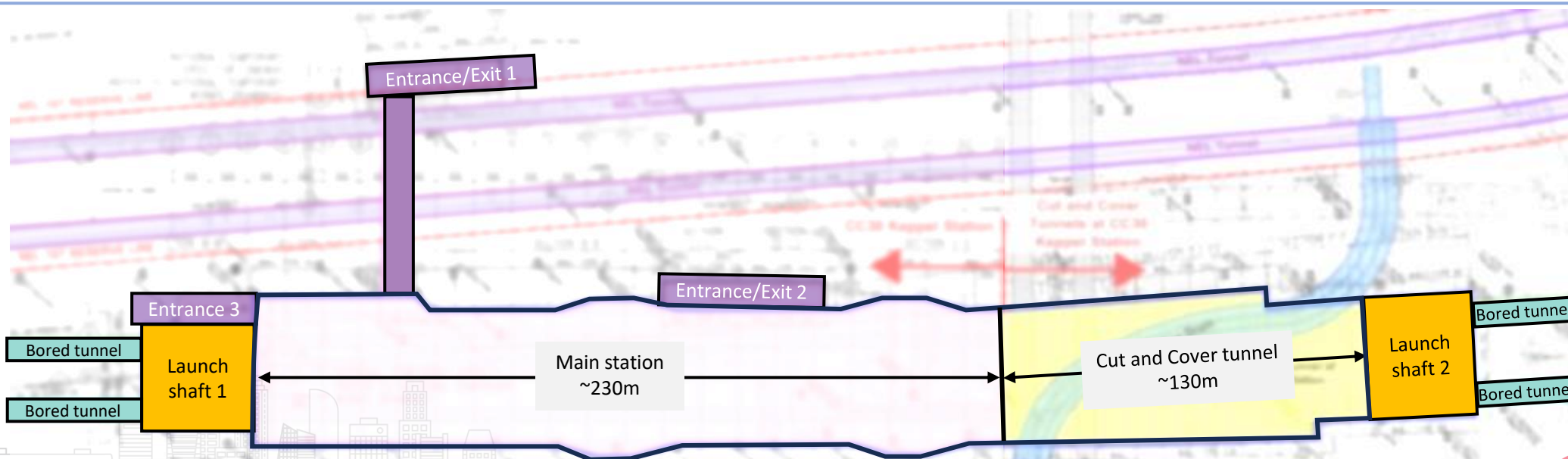


-  Part ST Submission 1: 30 units
-  Part ST Submission 2: 28 units
-  Part ST Submission 3: 45 units
-  Part ST Submission 4: 38 units
-  Part ST Submission 5: 32 units
-  Part ST Submission 6:
Ancillary works within site boundary
-  Part ST Submission 7:
External works outside site boundary

Guidelines for Part ST Submissions – Infrastructure projects

Section of underground MRT Station	Number of Part ST Submissions Allowed	Number of Part ST Submissions in Example
Main station	1 no. of Part ST Submission for every 150m (rounded up to nearest unit)	2 no. of Part ST Submissions
Cut and cover tunnel, Open box tunnels		1 no. of Part ST Submission
Entrances/Exits	1 no. of Part ST Submission each	3 no. of Part ST Submissions
Launch shafts	1 no. of Part ST Submission each	2 no. of Part ST Submissions
Bored Tunnels	1 no. of Part ST Submission per direction	2 no. of Part ST Submissions

Example Project: Underground MRT station with 3 entrances/exits and 2 launch shafts

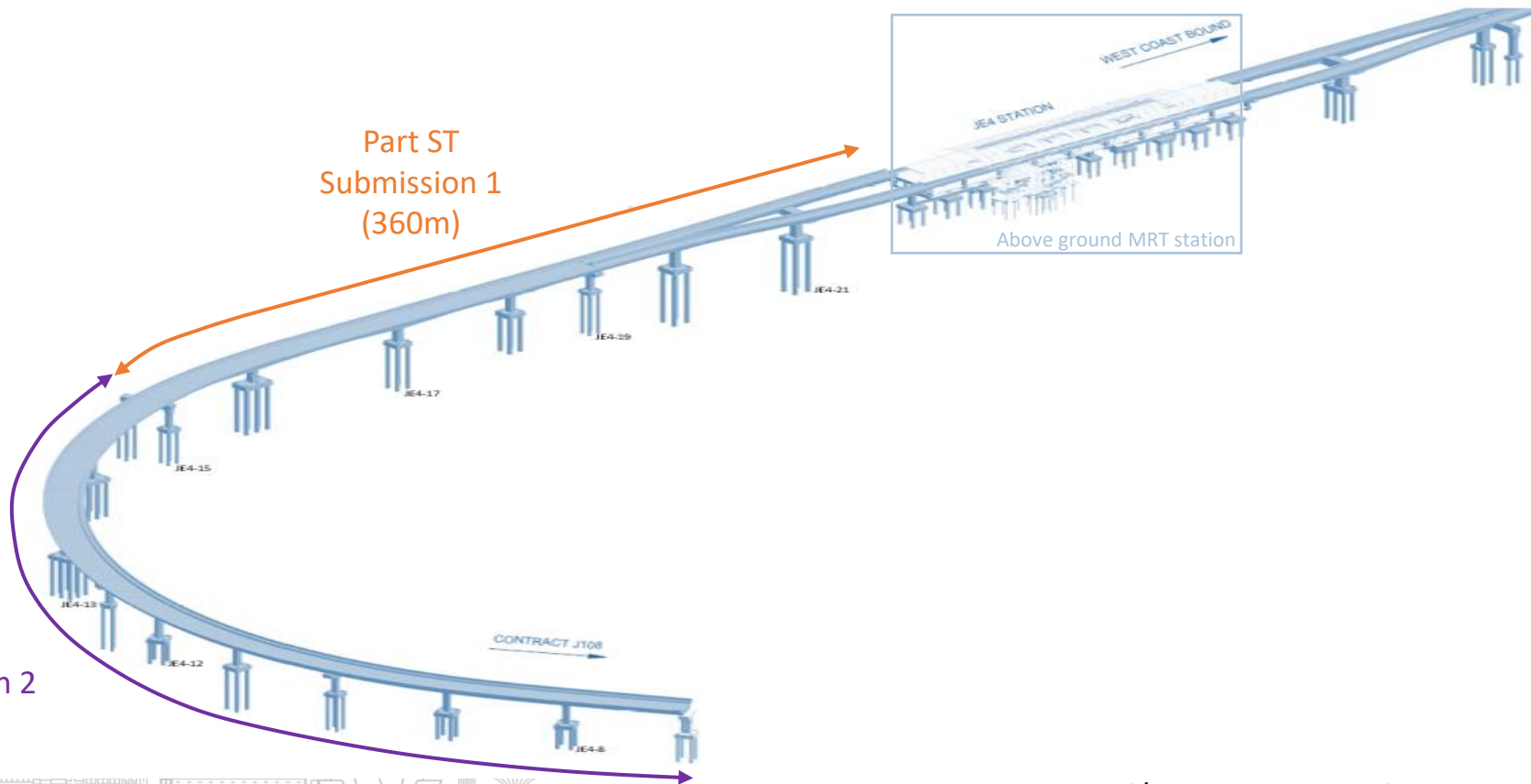


Restricted/ Sensitive Normal

Guidelines for Part ST Submissions – Infrastructure projects

Infrastructures	Number of Part ST Submissions Allowed	Number of Part ST Submissions in Example
Railway tracks and Viaducts	1 no. of Part ST Submission for every 400m (rounded up to nearest unit)	2 no. of Part ST Submissions [751 / 400 = 1.88 (rounded to 2)]

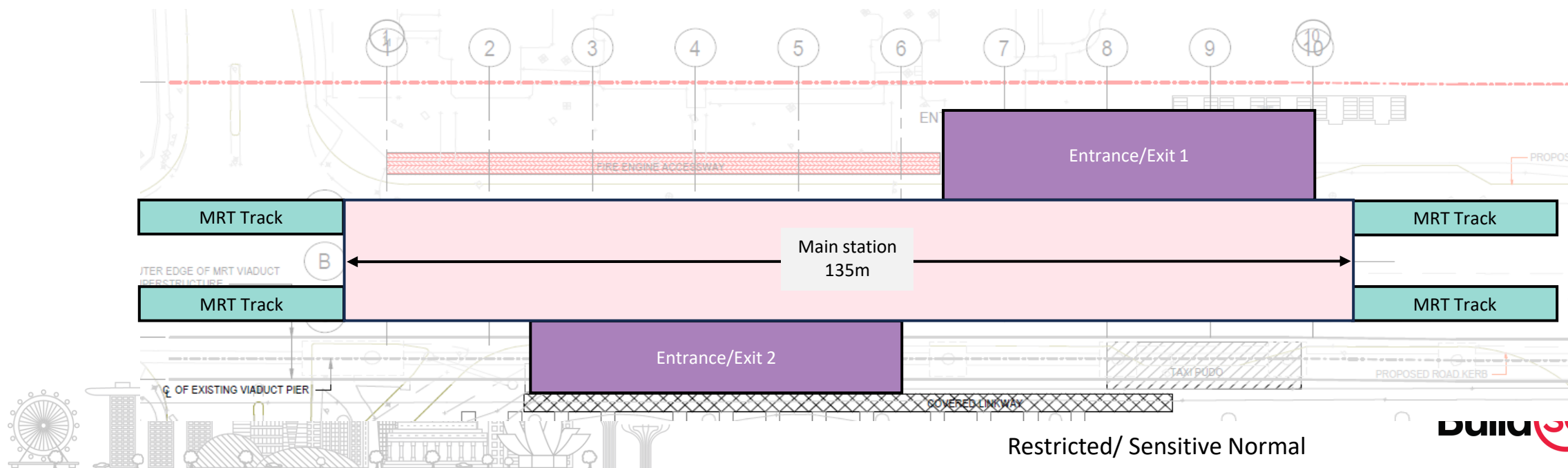
Example Project: 751m long aboveground Railway Track



Guidelines for Part ST Submissions – Infrastructure projects

Section of Aboveground MRT Station	Number of Part ST Submissions Allowed	Number of Part ST Submissions in Example
Main station	As per underground MRT station (1 no. of Part ST Submission for every 150m)	1 no. of Part ST Submission
Entrances/Exits	As per underground MRT station (1 no. of Part ST Submission each)	2 no. of Part ST Submissions
MRT Tracks	Aboveground – As per railway track (1 no. of Part ST Submission for every 400m) Underground – As per bored tunnel (1 no. of Part ST Submission per direction) or cut and cover tunnel (1 no. of Part ST Submission for every 150m)	

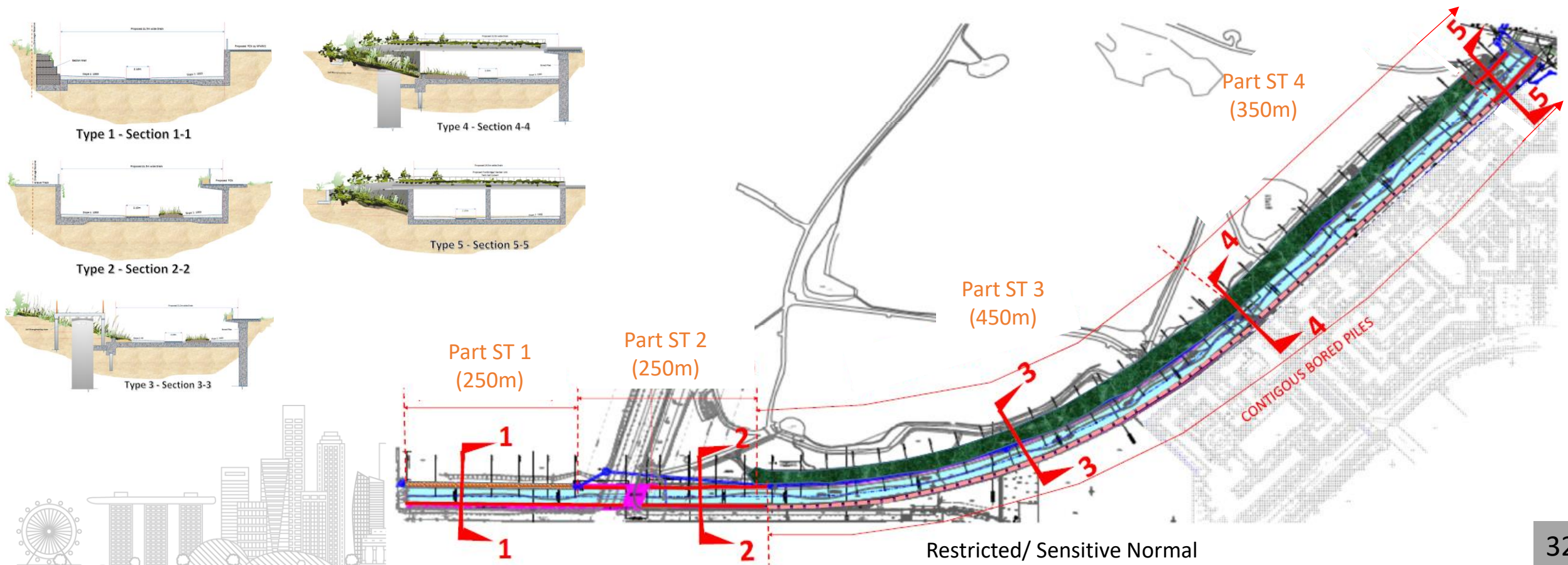
Example Project: Aboveground MRT station with 2 entrances/exits



Guidelines for Part ST Submissions – Infrastructure projects

Infrastructures	Number of Part ST Submissions Allowed	Number of Part ST Submissions in Example
Drainage and sewer	1 no. of Part ST Submission for every 400m (rounded up to nearest unit)	4 no. of Part ST Submissions [1300 / 400 = 3.25 (rounded to 4)]

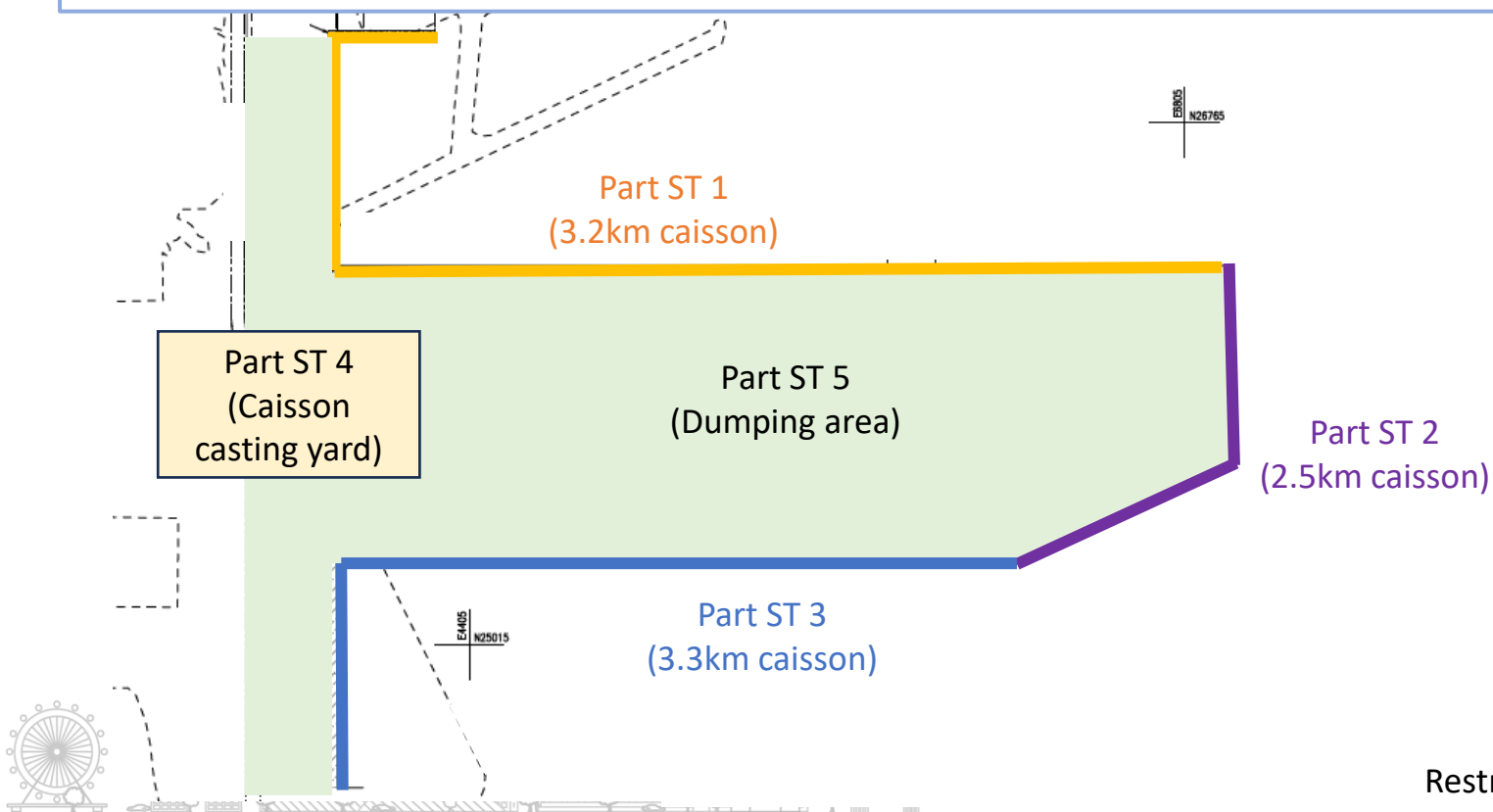
Example Project: 1,300m long drainage with 5 unique drain sections



Guidelines for Part ST Submissions – Infrastructure projects

Infrastructures	Number of Part ST Submissions Allowed	Number of Part ST Submissions in Example
Land reclamation, revetment, sea wall, bund wall	1 no. of Part ST Submission for every 4,000m (rounded up to nearest unit)	3 no. of Part ST Submission [9000/4000 = 2.25 (rounded up to 3)]
	1 no. of Part ST Submission for each casting yard	1 no.
	1 no. of Part ST Submission for dumping plan	1 no.

Example Project: 9km long land reclamation project with 1 caisson casting yard



Due to the complexity and scale of such projects, factors that can be considered for part ST submissions quota adjustments include:

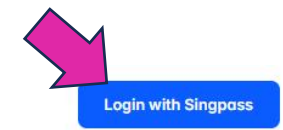
- a. Variation of soil type;
- b. retaining structure types; and
- c. foundation types.

Project creation and appointment in CORENET X



Log in to submission portal

Login to CORENET X via <https://portal.corenet.gov.sg/> (or Google search "CORENET X")



corenetX

Login with Singpass

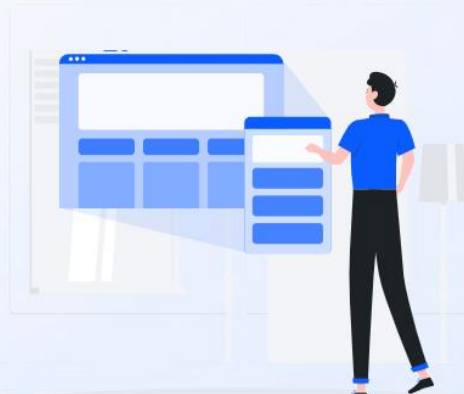
One-stop integrated digital shopfront for approval of building works

This portal allows project teams of development projects to seek approval from regulatory agencies from the planning to completion stage. It is currently available to only selected project types as a beta version.

[Sign up as a beta user](#)

Login with Singpass

or [Make payment as guest](#)



Collaborative project workspace to better manage submissions

Project workspace allows all members to easily access information and status of the submissions under the project, providing more clarity and transparency to all project stakeholders

Help us improve

Log in to submission portal

Log in with Singpass to
access CORENET X



Developer (organisation), Licensed Builders,
Qualified Persons, registered/licensed
professionals representing companies
should be Corppass-registered and log in
as business.

[How do I apply for Singpass Business?](#) 

Log in as Business

Acting in your personal capacity e.g. Developer
(individual) or no Corppass? [Log in as an individual](#)

Please sign in with Singpass for
business if you hold an account

Submission portal dashboard

Notifications and user profile

Overview of projects on hand

My projects

Create project

- My profile
- Manage assistants
- Logout

Search by keyword

Project reference, title or address

Sort by

Recently viewed

Newest first

Oldest first

Recently viewed

Bookmarked

See your projects the way you like:
1) chronologically;
2) recently viewed; or
3) bookmarked

E9000-A0152-2023

E2E Testing - BCA Sets 1

MK11-03827A,

25 Oct 2023



E9000-A0204-2023

E2E Testing - BCA Sets 4

MK11-03827A,

27 Oct 2023



A5764-50916-0880

A&A - Residential Landed



A1467-57044-2340

A&A - Residential Landed w Submission



E9000-A0255-2023

Test project BCA BE



Navigate to payments



Add assistant to projects

Assistants can create projects and prepare submissions, but not make any submissions on QP's behalf.

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Add assistant

A notification email will be sent to your assistant once added.

Assistant's Information

Name NRIC/FIN No.

Email Secondary email (optional)

Access rights

Assistant can edit all projects under me

Assistant can only edit specific projects

Specific projects

A2009-A0155-2023

A2009-A0187-2023

A2009-A0221-2023

A2202-A0236-2023

A2009-A0093-2024

Limit access rights as necessary

Help us improve

Create new project

- Residential (Landed)
- Residential (Non-Landed)
- Commercial
- Industrial
- Agriculture
- Institutional
- Healthcare
- Civil engineering works
- Standalone structures
- Transport stations
- Mixed development
- Others

Project details

Project coordinator

Delphia Loh Professional Engineer

i Project creation should be initiated by the Project Coordinator. If your project involves a QP(Architect), he/she should be the Project Coordinator.

Development type

Please select ▼

For developments with more than 1 development type, select the predominant use. Otherwise, select Mixed Development.

Building works

Please select

- New erection (including reconstruction)
- Additions And Alterations (A&A)
- Full demolition only

For projects involving demolition works only

Project title

0/1000

[BCA TESTING] PROPOSED ERECTION OF A 30-STOREY APARTMENT ON LOT 05416W MK 18 AT 2 MAHMOOD WAY (GREAT WORLD PLANNING AREA)

[Find out more about development type](#)

Cancel

Create project

Create new project

Project overview appears after a project is successfully created.

- From this page, navigate to key functions incl. addition of project members, make submissions and payments

The screenshot shows the 'Project overview' page for project E9000-A0344-2023. Annotations include:

- General project info:** A red dashed box highlights the project reference number 'E9000-A0344-2023'. A yellow box highlights '[NEW!]' next to it. Red text explains the format: 'Prefix "A" to differentiate from CN2' points to the 'A' in 'A0344', and 'Year' points to '2023'.
- Submission dashboard:** A blue box describes the dashboard as an 'Overview on the progress of submissions under the 3 gateways and TOP/CSC clearance'. The dashboard table shows four rows: 'Plan application Design gateway', 'Plan application Piling gateway (Optional)', 'Plan application Construction gateway', and 'Completion TOP/CSC clearance', all with 'Not started' status.
- Project information, address and project parties:** A blue box states that this information 'must be completed before submissions can be made'. The 'Project details' section shows: Development type: Residential (Non-Landed); Building works: New erection (including reconstruction); Project title: [BCA TESTING] PROPOSED ERECTION OF A 30-STOREY APARTMENT ON LOT 05-410W MK 18 AT 2 MAHMOOD WAY (GREAT MURBET) (R 03 ANNEXURE A02-A1).

Add project members, assign roles and specify responsibilities

Project coordinator will add member with assigned role and responsibilities.

1 Add member details **2** Add responsibilities

Add member details

A notification email will be sent to the added project member. Additional information will be retrieved from the member's Myinfo data upon their authorisation.

Roles

Role: Professional Engineer (Civil) Registration no. []

+ Add additional role

Member details

Name: [] NRIC/FIN: []
Last 4 alphanumeric characters. (example: 567A)

Email: []

Cancel Next

- Architect
- Professional Engineer (Chemical)
- Professional Engineer (Civil)
- Professional Engineer (Electrical)
- Professional Engineer (Mechanical)
- Professional Engineer (Structural)
- Accredited Checker
- Developer
- Developer (Organisation)
- Fire Safety Engineer
- Licensed Builder
- Licensed Plumber
- Licensed Specialist Builder
- Registered Inspector (A)
- Registered Inspector (M&E)
- Specialist Accredited Checker
- Specialist Professional Engineer (Geotechnical)

1 Add member details **2** Add responsibilities

Add responsibilities

Role: Licensed Specialist Builder
UEN 123456789B

Agency: corenetx

Carrying out of specialist building works in accordance to Building Control Act 1989 and its Regulations

- 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
- To carry out piling works under Section 8(1)(c) of the Act
- To carry out ground support and stabilisation works under Section 8(1)(c) of the Act
- To carry out structural steelwork under Section 8(1)(c) of the Act
- To carry out pre-cast concrete work under Section 8(1)(c) of the Act
- To carry out in-situ post-tensioning work under Section 8(1)(c) of the Act

11/8/23, 12:26 PM CORENET X

- To carry out site investigation work under Section 8(1)(c) of the Act (excluding instrumentation monitoring for projects involving Geotechnical Building Works)

← Back Cancel Add member

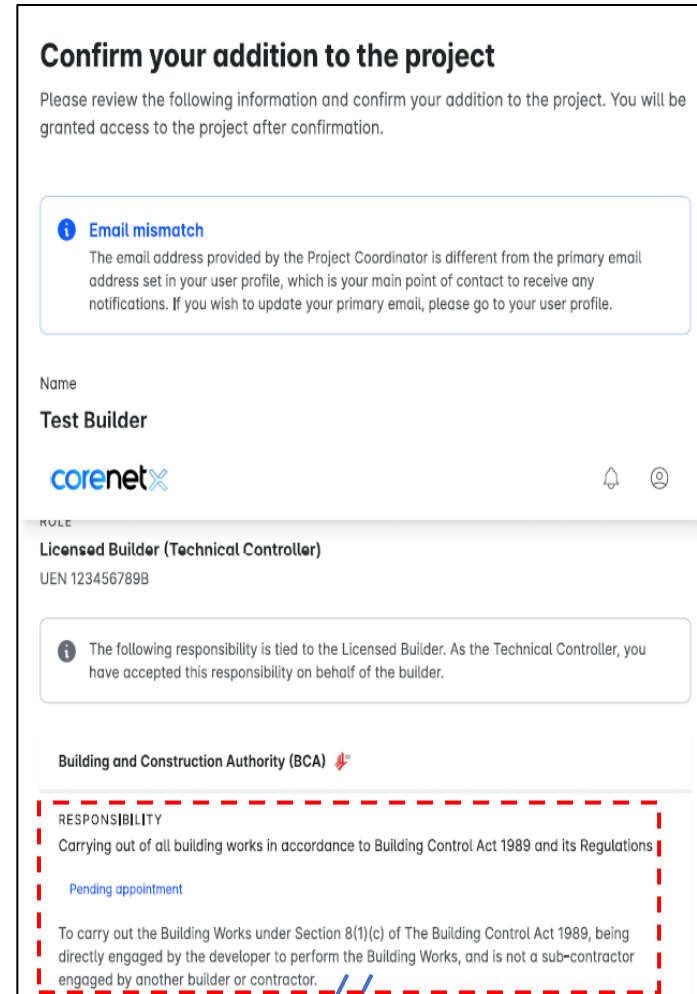
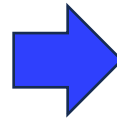


Add project members, assign roles and specify responsibilities

[NEW!] Project member acknowledge and confirms his addition to a project with his assigned responsibilities via a system generated link delivered through email

Project member receives system generated email

Project member confirms assigned role and responsibilities



Appointment of project members

Project coordinator can initiate the appointment process on project member to be appointed by Developer/Builder

1 Initiate appointment for members 2 Review appointment request

Initiate appointment

Select the respective members to be appointed for submissions to the respective agencies

To be appointed by

Hello World Holdings Pte Ltd (Developer (Organisation))

Members to be appointed for submissions to

AGENCY

Building and Construction Authority (BCA)

Jarvis Leong [View](#)
Professional Engineer (Civil)

RESPONSIBILITY
Building Plan submissions and supervision of building works in accordance to Building Control Act 1989 and its Regulations

To prepare the plans of the architectural works, being works that are not structural, mechanical & 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) of the Building Control Act 1989.

[Hide details](#)

RESPONSIBILITY

Party appointing

Party to be appointed

Structural Plan submissions and/or supervision of building works in accordance to Building Control Act 1989 and its Regulations

- To prepare the plans of the following structural works in the Building Works under Section 8(1)(a) of the Building Control Act 1989
 - All structural works including demolition

Chelsea Wong [View](#)
Professional Engineer (Civil)

RESPONSIBILITY
Structural Plan submissions and/or supervision of building works in accordance to Building Control Act 1989 and its Regulations

- To supervise the carrying out of the following structural works in the Building Works under Section 8(1)(b) of the Building Control Act 1989
 - All structural works including demolition

Della Lai [View](#)
Professional Engineer (Electrical)

RESPONSIBILITY
Submissions involving electrical and mechanical engineering works in accordance to Building Control Act 1989 and its Regulations

- To prepare the plans of the following mechanical & electrical engineering works in the Building Works under Section 8(1)(a) of the Act
 - All mechanical & electrical engineering works

Hello World Holdings Pte Ltd [View](#)
Licensed Builder

TECHNICAL CONTROLLER
Alexa Reichert

APPROVED PERSON
Ulises Medhurst

Party to be appointed

Party to be appointed

Party to be appointed



Appointment of project members

[NEW!] Developer/Builder will confirm the appointment and perform declaration in Submission Portal

11/8/23, 12:13 PM CORENET X
A Singapore Government Agency Website [How to identify](#)

corenetX

Appointment and Authorisation

Project information

Project details

Project reference no.	E9000-A0255-2023
Project title	Test project BCA BE

Project address

Mukim/Town Subdivision/Lot no.	MK11-03827A, MK22-01670P
Formatted address	-
Site description	-

Members to be appointed for submissions to

AGENCY
Building and Construction Authority (BCA)

Chelsea Wong
Registration no. 9001
Professional Engineer (Civil)

Party to be appointed

11/8/23, 12:13 PM CORENET X

RESPONSIBILITY

Structural Plan submissions and/or supervision of building works in accordance to Building Control Act 1989 and its Regulations

- To supervise the carrying out of the following structural works in the Building Works under Section 11(1)(d)(ii) of the Building Control Act 1989
- All structural works including demolition

Appointed by

Name	Ulises Medhurst
Role	Licensed Builder (Approved Person), Licensed Builder
Mobile no.	85556941
NRIC/Passport no.	****001B
Address	511 WOODLANDS DRIVE 14, S730511

DATE OF APPOINTMENT
8 November 2023

I/We hereby appoint and authorize the abovementioned Qualified Person(s), to submit on my/our behalf, any application, notification or document related to the abovementioned works or such part of the abovementioned works for which the Qualified Person(s) are appointed (as may be applicable) bearing the above-stated Project Reference Number without my/our digital signature, whenever my/our endorsement is required. This authorisation shall continue to be in force until a revocation is made, if any, of such authorisation from us.

Cancel **Confirm**

Party to be appointed

Party appointing

Declaration by party appointing

In a nutshell

Project Coordinator (PC) creates project on submission portal

- ✓ Role of Project Coordinator (PC)
- ✓ Assign assistants to projects
- ✓ Auto-generated project reference no.

PC adds project members, assigns roles, specifies responsibilities, and initiates appointment of project parties.

- ✓ Projects accessible by all project parties
- ✓ Upfront assignment of roles and responsibilities
- ✓ Confirm roles and responsibilities using Singpass

Scope	CORENET X	CORENET 2
Project reference no	A1234- A 0001-2024 (auto-generated)	A1234-00001-2024
Member adding & role responsibility	Added by Project Coordinator and individual member acknowledgement with singpass	Added by Project Coordinator
Appointment		Sign on BCA-LU-NAPPQP01 form
Assistant for Submission Portal	Assistants can create projects and prepare submissions, but not make any submissions on project party's behalf	Assistants can create projects and prepare submissions