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PUB



New E-Services

Muhd Razis, Engineer, Building Plan Unit, PUB



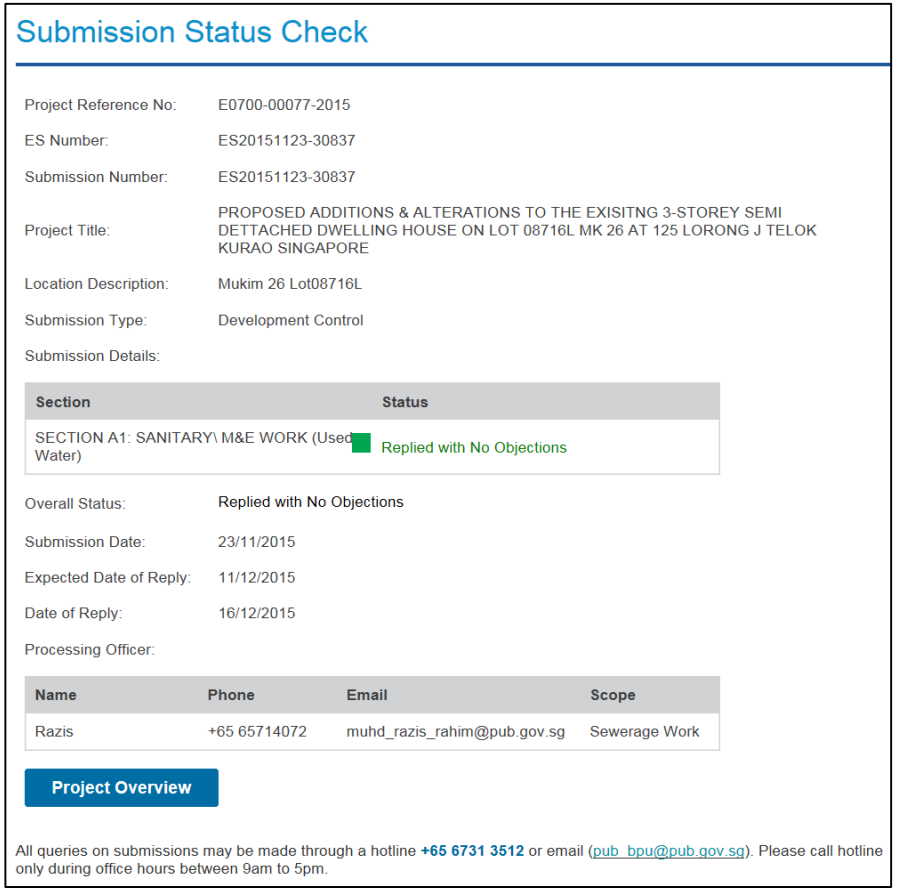
Overview

- New E-Services
  - ❑Submission Status Check *NEW*
  - ❑Consultation Appointment Booking *NEW*
  - ❑General Enquiries *NEW*
  - ❑Self Service Portal for PUB Service Plans *Coming Soon*
- Type of Forms To Use for PUB Submissions
  - ❑Building Plan Submission Process
  - ❑Development Control (DC)
  - ❑Detailed Plan (DP)
  - ❑Completion of Work (Sewerage)
  - ❑Completion of Work (Drainage)
  - ❑TOP/CSC

New E-Services

Submission Status Check

- Check the status of PUB submissions online
- Overview of all PUB submissions that need to be made over the course of the project
- Expected date of reply
- Date processing officer replied
- Details of processing officer



Submission Status Check

Project Reference No: E0700-00077-2015

ES Number: ES20151123-30837

Submission Number: ES20151123-30837

Project Title: PROPOSED ADDITIONS & ALTERATIONS TO THE EXISITNG 3-STOREY SEMI DETTACHED DWELLING HOUSE ON LOT 08716L MK 26 AT 125 LORONG J TELOK KURAO SINGAPORE

Location Description: Mukim 26 Lot08716L

Submission Type: Development Control

Submission Details:

Section	Status
SECTION A1: SANITARY\ M&E WORK (Used Water)	Replied with No Objections

Overall Status: Replied with No Objections

Submission Date: 23/11/2015

Expected Date of Reply: 11/12/2015

Date of Reply: 16/12/2015

Processing Officer:

Name	Phone	Email	Scope
Razis	+65 65714072	muhd_razis_rahim@pub.gov.sg	Sewerage Work

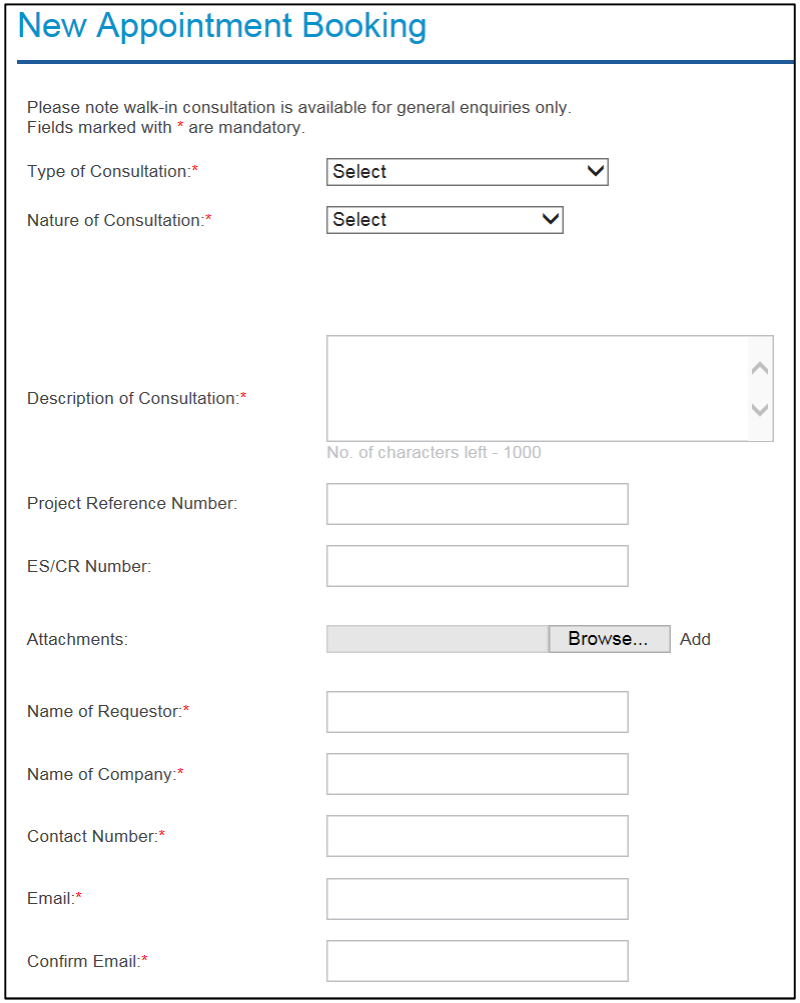
Project Overview

All queries on submissions may be made through a hotline **+65 6731 3512** or email (pub_bpu@pub.gov.sg). Please call hotline only during office hours between 9am to 5pm.

http://www.pub.gov.sg/customer/QPPortal/Pages/Checkstatus.aspx

Consultation Appointment Booking

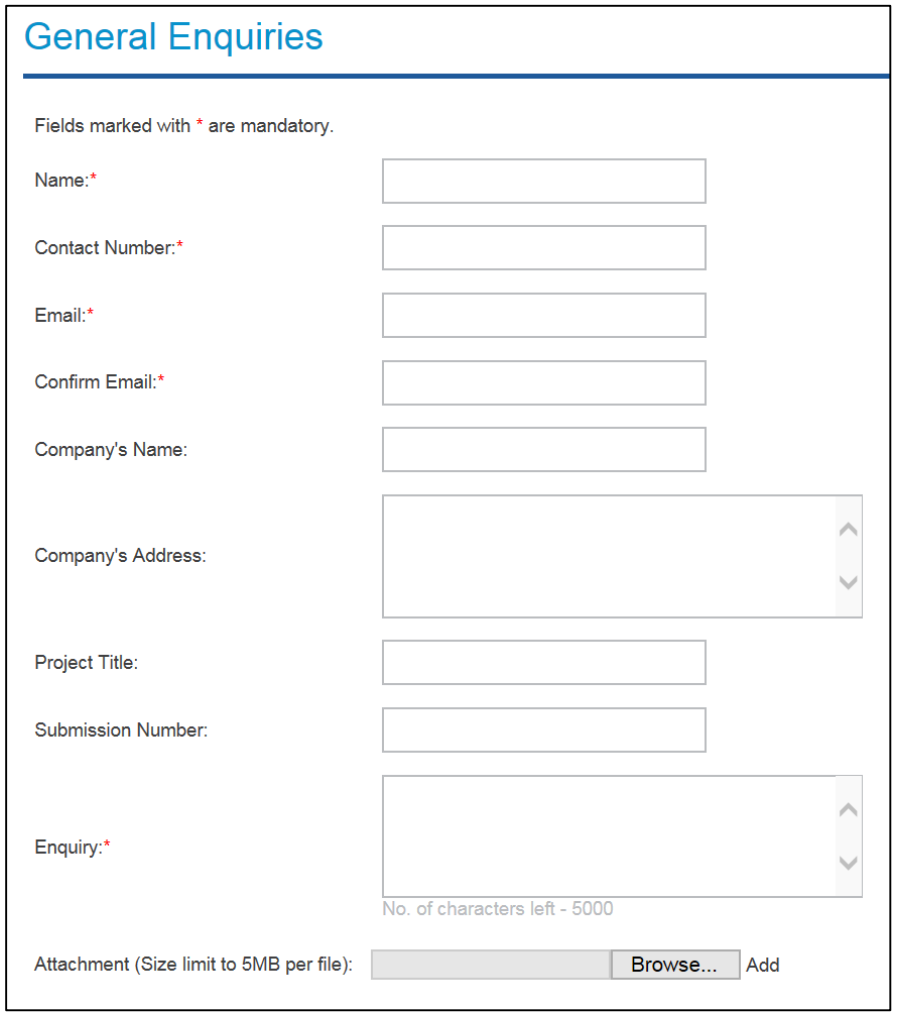
- Make appointment online to consult on sewerage, drainage and water supply matters
- Appointment can be made from 3 up to 10 working days in advance
- Attach relevant documents/drawings



http://www.pub.gov.sg/CUSTOMER/QPPORTAL/Pages/Consultation.aspx

General Enquiries

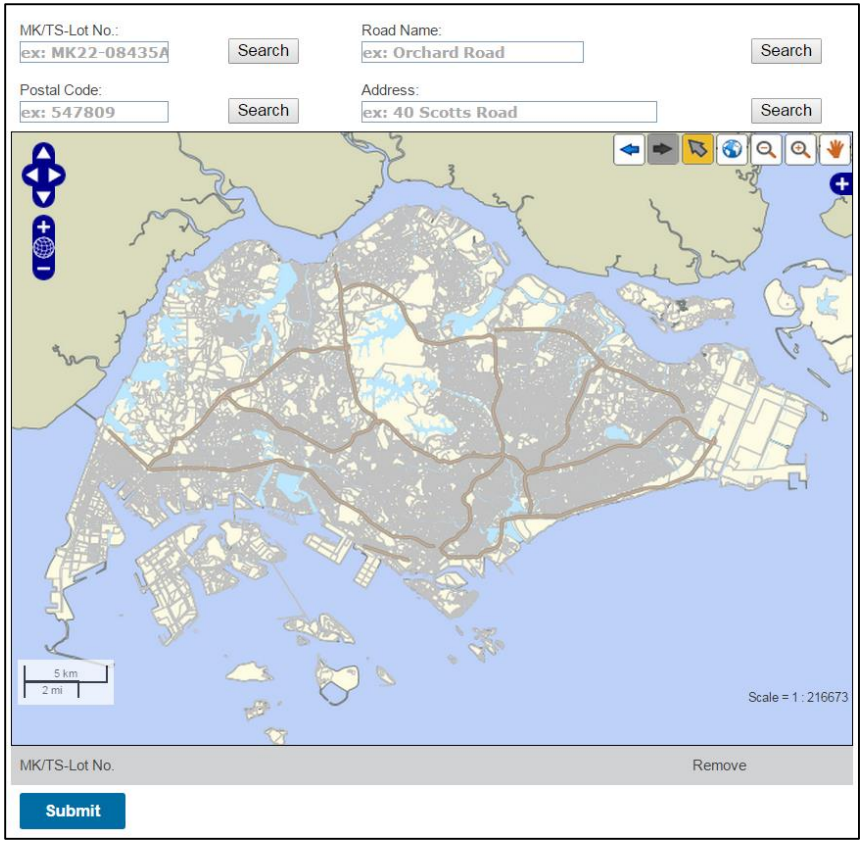
- General enquiry and feedback on building plan submission matters
- Describe the enquiry clearly
- Provide relevant attachments (if any)



http://www.pub.gov.sg/customer/QPPortal/Pages/GeneralEnquiries.aspx

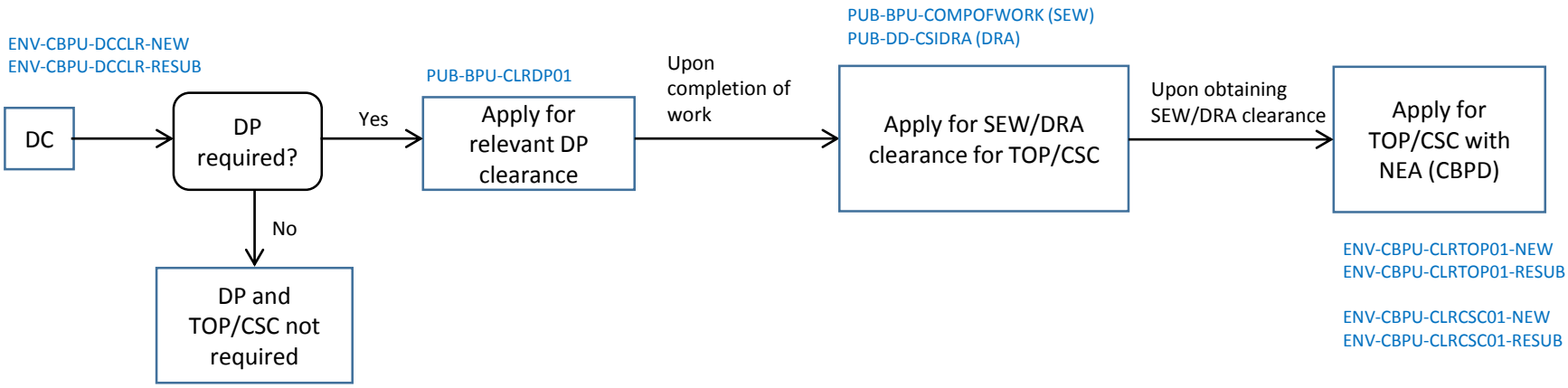
Self Service Portal for PUB Service Plans

- Purchase of DIP/SIP/WSP online
- Requires SingPass to access
- Purchase multiple lots
- Receipt will be sent by email upon completion of purchase
- Plans will be sent by email within 24 hrs of purchase



Type of Forms To Use for PUB Submissions

Building Plan Submission Process



Building Plan Submission Process

Q: Is DC submission to NEA (CBPD) required?

A: If clearance for any of the 4 areas – drainage, sewerage, environmental health, pollution control – is required → YES

Q: How to make DC submission when clearance is needed in some areas only?

A: E.g. If project involves new drainage work but no new sanitary/sewerage work, QP shall:

1. Submit DC by checking the Sanitary, Sewerage and Drainage sections and fill the declarations
2. Indicate clearly in cover letter that there are no works affecting sanitary and sewerage.

Q: Is DP/TOP/CSC submission to NEA (CBPD) required?

A: If project involves new sanitary/sewer/M&E/RC trench/internal drain/external drain → YES*

Otherwise, DP and TOP/CSC clearance is not required.

*separate clearance from sewerage/drainage is required before applying TOP/CSC with NEA (CBPD)

Building Plan Submission Process

Submission Stage	Forms to Use	Sections to Declare
Development Control (DC)	ENV-CBPU-DCCLR-NEW ENV-CBPU-DCCLR-RESUB	All, if there are no works affecting Sanitary and/or Sewerage and/or Drainage, QP to state clearly in Cover Letter
Detailed Plan (DP)	PUB-BPU-CLRDP01	Select section and declarations applicable to project, e.g. Sanitary, Sanitary M&E, RC Trench, Sewerage, Internal Drainage, External Drainage Specific clearances applicable to each of the above areas will be given base on QPs selection
Sewerage Clearance for TOP/CSC	PUB-BPU-COMPOFWORK	Select section and declarations applicable to project, e.g. Sanitary, Sanitary M&E, RC Trench, Sewerage
Drainage Clearance for CSC	PUB-DD-CSIDRA	Select section applicable to project, e.g. Internal Drainage, External Drainage

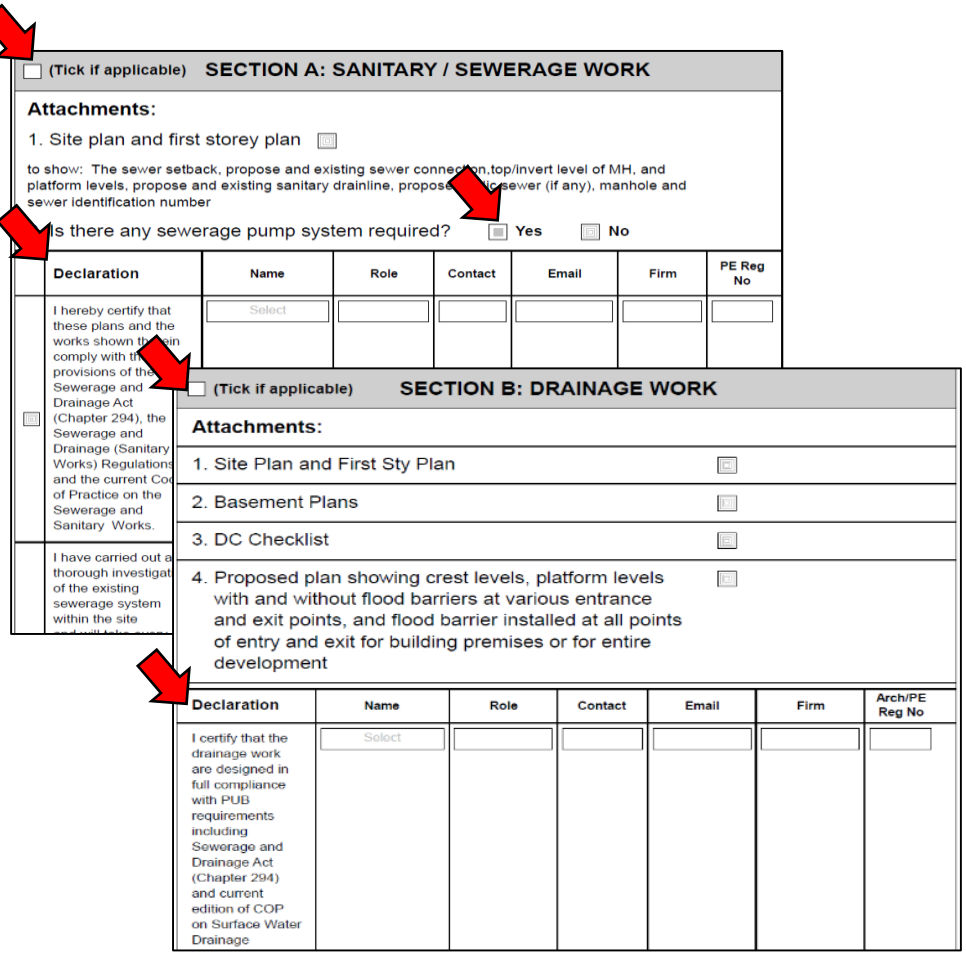
Development Control (DC)

- Provide correct development details in Page 2
  - ❑ Type of development
  - ❑ No. of storeys
  - ❑ Total used water discharge
  - ❑ Area of development
  - ❑ MPL
  - ❑ Catchment no.

Development Details	
Type of Submission	
Type of Development	Select
Is there basement?	☐ Yes ☑ No
Is there sewer connection to neighbour house?	☐ Yes ☑ No
Is there public sewer in the development lot?	☐ Yes ☑ No
No.of storeys in development	Storeys
Total used water discharge	L/s
Area of development	ha
DR in the development?	☐ Yes ☑ No
Proposed MIN PLATFORM LEVEL	mRL
Max Adjacent Road	mRL
Any linkage to MRT	☐ Yes ☑ No
Used Water Catchment No.	Select
Drainage Catchment No.	Select **Please refer to www.pub.gov.sg for catchment maps of used water and drainage.**

Development Control (DC)

- **Tick all the sections**
- Make the necessary declarations
- State clearly in cover letter if works do not affect sanitary/sewerage/drainage



(Tick if applicable) **SECTION A: SANITARY / SEWERAGE WORK**

Attachments:

1. Site plan and first storey plan

to show: The sewer setback, propose and existing sewer connection,top/invert level of MH, and platform levels, propose and existing sanitary drainline, propose sewer (if any), manhole and sewer identification number

Is there any sewerage pump system required? Yes No

Declaration	Name	Role	Contact	Email	Firm	PE Reg No
I hereby certify that these plans and the works shown thereon comply with the provisions of the Sewerage and Drainage Act (Chapter 294), the Sewerage and Drainage (Sanitary Works) Regulations and the current Code of Practice on the Sewerage and Sanitary Works.	Select					
I have carried out a thorough investigation of the existing sewerage system within the site						

(Tick if applicable) **SECTION B: DRAINAGE WORK**

Attachments:

1. Site Plan and First Sty Plan
2. Basement Plans
3. DC Checklist
4. Proposed plan showing crest levels, platform levels with and without flood barriers at various entrance and exit points, and flood barrier installed at all points of entry and exit for building premises or for entire development

Declaration	Name	Role	Contact	Email	Firm	Arch/PE Reg No
I certify that the drainage work are designed in full compliance with PUB requirements including Sewerage and Drainage Act (Chapter 294) and current edition of COP on Surface Water Drainage	Select					

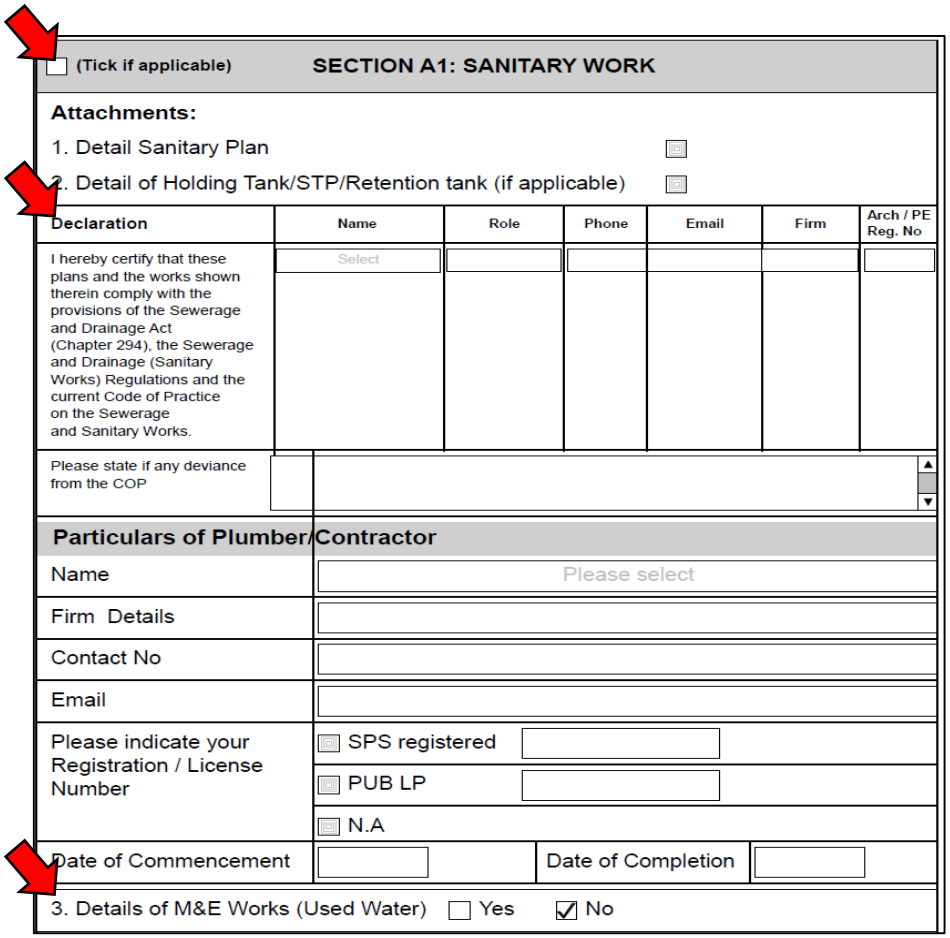
Detailed Plan (DP)

- Apply for relevant DP clearance
  - ❑ Sanitary
  - ❑ Used water pumping system (M&E)
  - ❑ Sewer
  - ❑ RC Trench
  - ❑ Drainage (Internal)
  - ❑ Drainage (External)

- Make the necessary declarations
- Specific clearances applicable to each of the above areas will be given based on QPs' selection
- Submit to **ENVCBPU**

Detailed Plan (DP)

- To obtain DP clearance for internal sanitary drainage and plumbing system
- DP Sanitary
  - ❑ Tick Section A1: Sanitary Work
  - ❑ Details of M&W Works: No



(Tick if applicable) **SECTION A1: SANITARY WORK**

Attachments:

1. Detail Sanitary Plan ☐
2. Detail of Holding Tank/STP/Retention tank (if applicable) ☐

Declaration	Name	Role	Phone	Email	Firm	Arch / PE Reg. No
I hereby certify that these plans and the works shown therein comply with the provisions of the Sewerage and Drainage Act (Chapter 294), the Sewerage and Drainage (Sanitary Works) Regulations and the current Code of Practice on the Sewerage and Sanitary Works.	Select					

Please state if any deviance from the COP

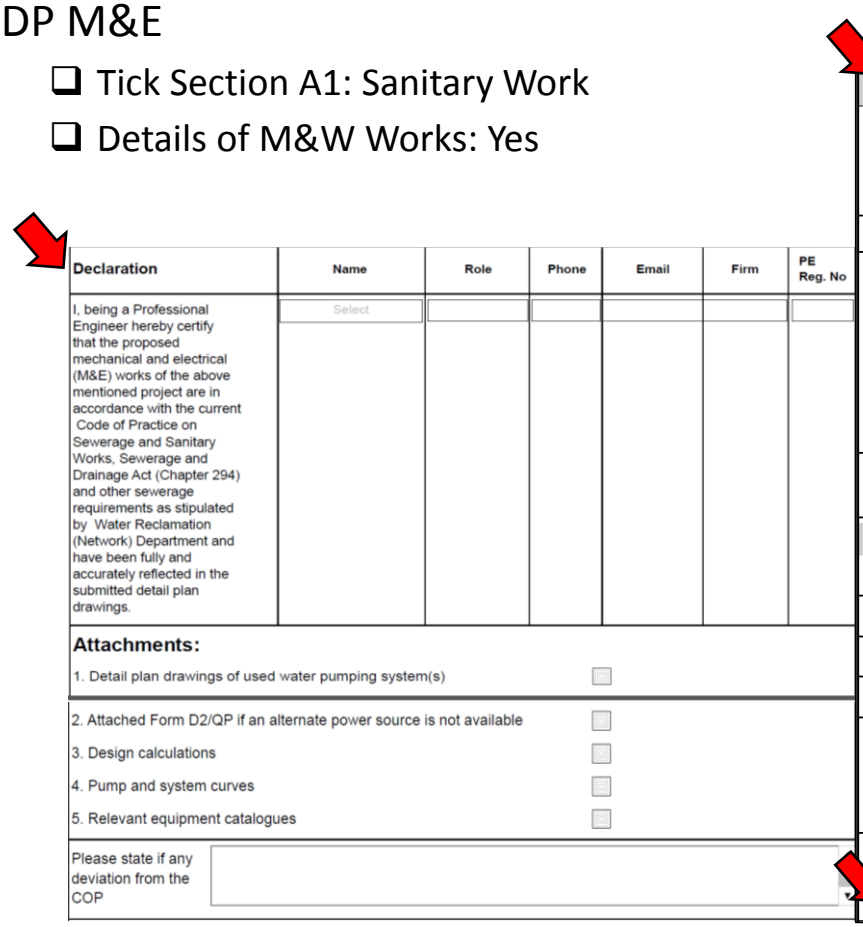
Particulars of Plumber/Contractor

Name	Please select
Firm Details	
Contact No	
Email	
Please indicate your Registration / License Number	☐ SPS registered ☐ PUB LP ☐ N.A
Date of Commencement	Date of Completion

3. Details of M&E Works (Used Water) ☐ Yes ☑ No

Detailed Plan (DP)

- To obtain DP clearance for used water pumping system
- DP M&E
  - ❑ Tick Section A1: Sanitary Work
  - ❑ Details of M&W Works: Yes

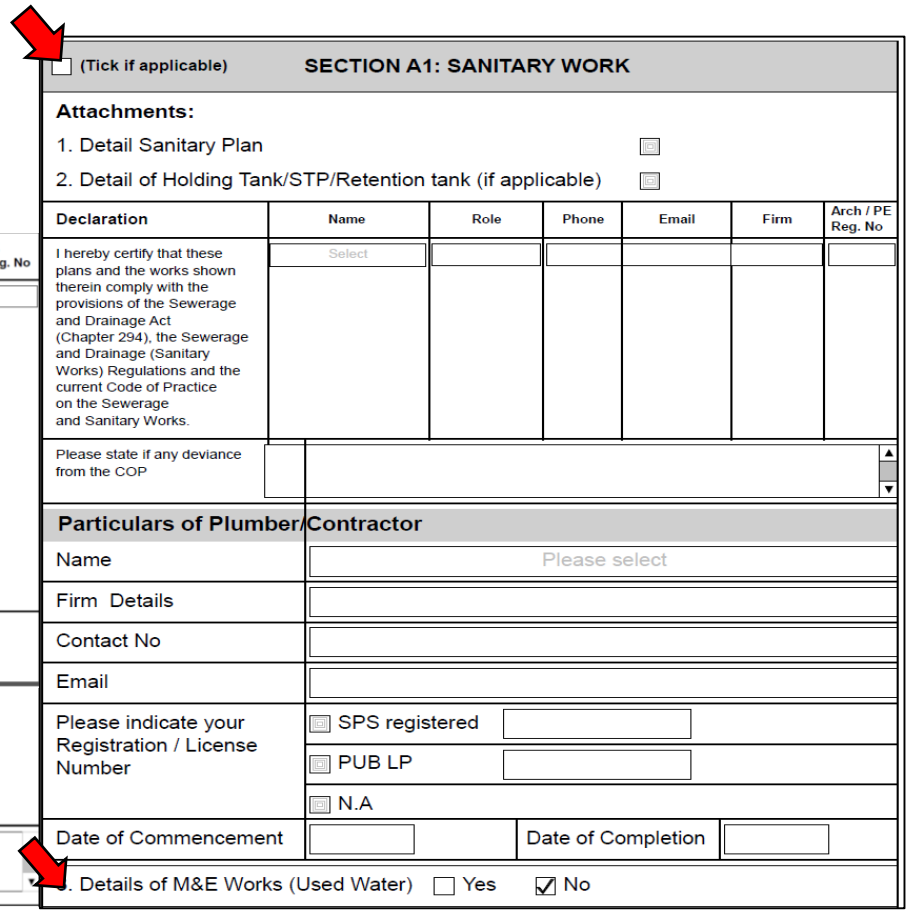


Declaration	Name	Role	Phone	Email	Firm	PE Reg. No
I, being a Professional Engineer hereby certify that the proposed mechanical and electrical (M&E) works of the above mentioned project are in accordance with the current Code of Practice on Sewerage and Sanitary Works, Sewerage and Drainage Act (Chapter 294) and other sewerage requirements as stipulated by Water Reclamation (Network) Department and have been fully and accurately reflected in the submitted detail plan drawings.	Select					

Attachments:

1. Detail plan drawings of used water pumping system(s) ☐
2. Attached Form D2/QP if an alternate power source is not available ☐
3. Design calculations ☐
4. Pump and system curves ☐
5. Relevant equipment catalogues ☐

Please state if any deviation from the COP



☐ (Tick if applicable) **SECTION A1: SANITARY WORK**

Attachments:

1. Detail Sanitary Plan ☐
2. Detail of Holding Tank/STP/Retention tank (if applicable) ☐

Declaration	Name	Role	Phone	Email	Firm	Arch / PE Reg. No
I hereby certify that these plans and the works shown therein comply with the provisions of the Sewerage and Drainage Act (Chapter 294), the Sewerage and Drainage (Sanitary Works) Regulations and the current Code of Practice on the Sewerage and Sanitary Works.	Select					

Please state if any deviance from the COP

Particulars of Plumber/Contractor

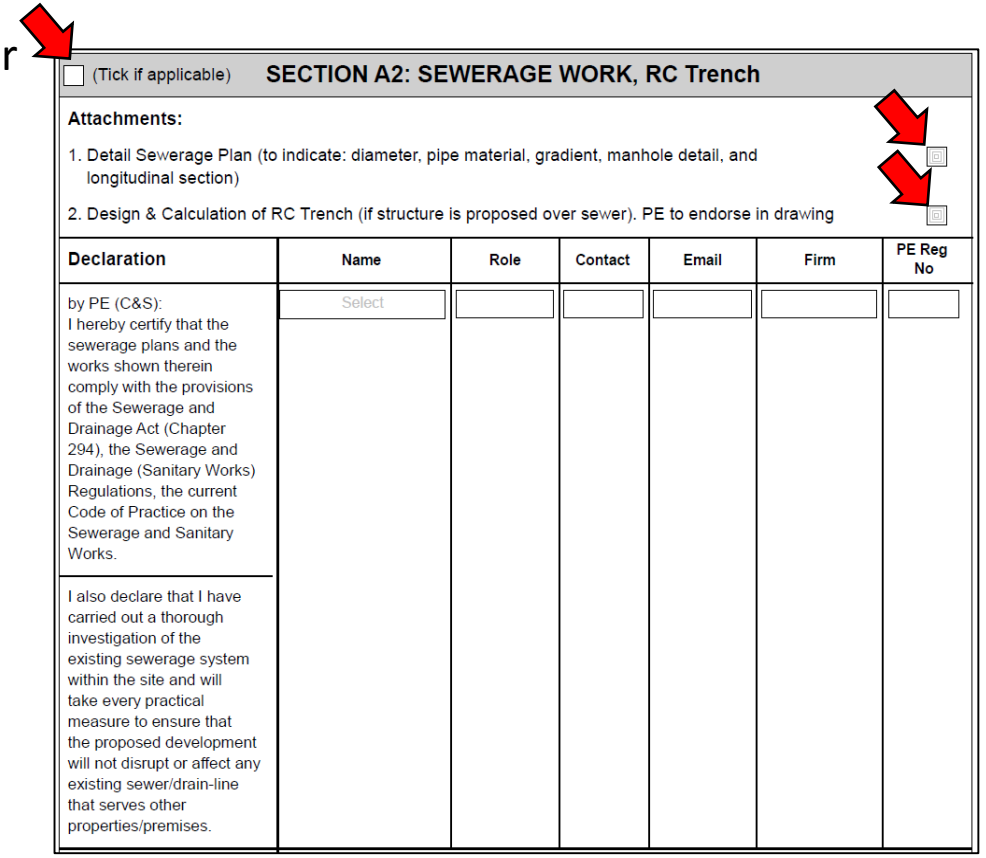
Name	Please select
Firm Details	
Contact No	
Email	
Please indicate your Registration / License Number	☐ SPS registered ☐ PUB LP ☐ N.A
Date of Commencement	Date of Completion

3. Details of M&E Works (Used Water) ☐ Yes ☑ No

Detailed Plan (DP)

- To obtain DP clearance for new sewer line
- DP Sewer
  - ❑ Tick Section A2: Sewerage, RC Trench Work
  - ❑ Tick first attachment only

- To obtain DP clearance for new RC trench
- DP RC Trench
  - ❑ Tick Section A2: Sewerage, RC Trench Work
  - ❑ Tick first and second attachments



☐ (Tick if applicable) **SECTION A2: SEWERAGE WORK, RC Trench**

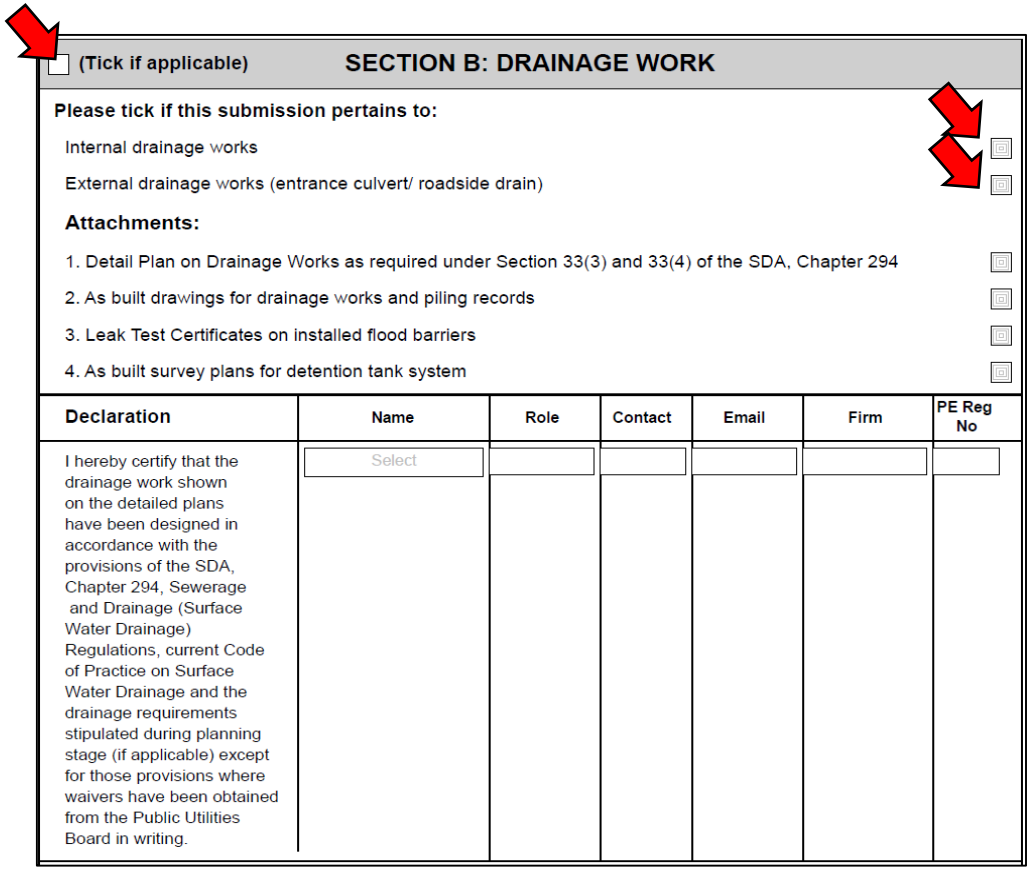
Attachments:

1. Detail Sewerage Plan (to indicate: diameter, pipe material, gradient, manhole detail, and longitudinal section)
2. Design & Calculation of RC Trench (if structure is proposed over sewer). PE to endorse in drawing

Declaration	Name	Role	Contact	Email	Firm	PE Reg No
by PE (C&S): I hereby certify that the sewerage plans and the works shown therein comply with the provisions of the Sewerage and Drainage Act (Chapter 294), the Sewerage and Drainage (Sanitary Works) Regulations, the current Code of Practice on the Sewerage and Sanitary Works.	Select					
I also declare that I have carried out a thorough investigation of the existing sewerage system within the site and will take every practical measure to ensure that the proposed development will not disrupt or affect any existing sewer/drain-line that serves other properties/premises.						

Detailed Plan (DP)

- To obtain DP clearance for internal and external drains
- DP Drainage
  - ❑ Tick Section B: Drainage Work
  - ❑ If submitting for **<u>internal</u>** drain, **tick Internal drainage works**
  - ❑ If submitting for **<u>external</u>** drain, **tick external drainage works**



(Tick if applicable) **SECTION B: DRAINAGE WORK**

Please tick if this submission pertains to:

Internal drainage works ☐

External drainage works (entrance culvert/ roadside drain) ☐

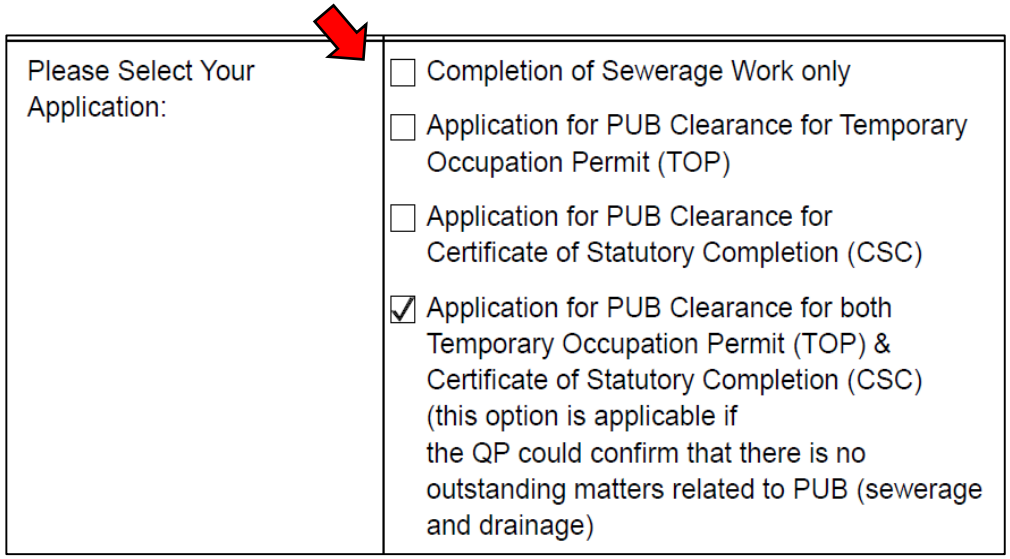
Attachments:

1. Detail Plan on Drainage Works as required under Section 33(3) and 33(4) of the SDA, Chapter 294 ☐
2. As built drawings for drainage works and piling records ☐
3. Leak Test Certificates on installed flood barriers ☐
4. As built survey plans for detention tank system ☐

Declaration	Name	Role	Contact	Email	Firm	PE Reg No
I hereby certify that the drainage work shown on the detailed plans have been designed in accordance with the provisions of the SDA, Chapter 294, Sewerage and Drainage (Surface Water Drainage) Regulations, current Code of Practice on Surface Water Drainage and the drainage requirements stipulated during planning stage (if applicable) except for those provisions where waivers have been obtained from the Public Utilities Board in writing.	Select					

Completion of Work (Sewerage)

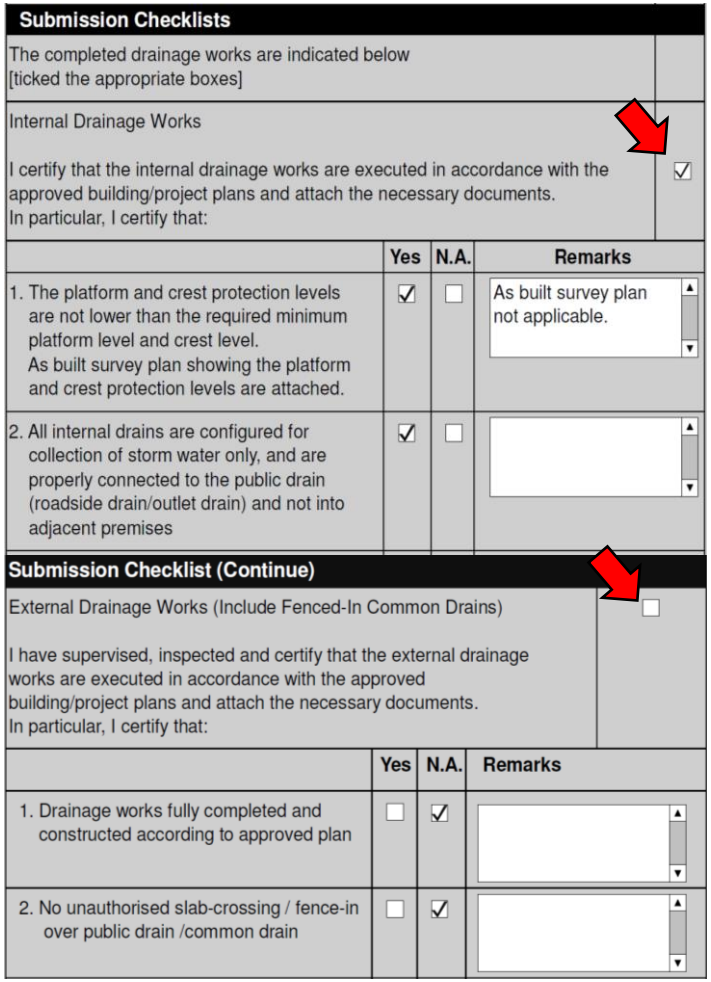
- PUB-BPU-COMPOFWORK
- Apply for **<u>sewerage</u>** clearance for TOP/CSC
  - ❑ Select the relevant option in Page 1
- Make the necessary declarations in the respective sections
- **Section B: Drainage Work is NOT IN USE**
- Submit to **PUBSEW**
- Attach the subsequent sewerage clearance letter when applying for TOP/CSC with NEA (CBPD)



Please Select Your Application:	☐ Completion of Sewerage Work only ☐ Application for PUB Clearance for Temporary Occupation Permit (TOP) ☐ Application for PUB Clearance for Certificate of Statutory Completion (CSC) ☑ Application for PUB Clearance for both Temporary Occupation Permit (TOP) & Certificate of Statutory Completion (CSC) (this option is applicable if the QP could confirm that there is no outstanding matters related to PUB (sewerage and drainage)

Completion of Work (Drainage)

- PUB-DD-CSIDRA
- Apply for **<u>drainage</u>** clearance for CSC
- If submitting for **<u>internal</u>** drain, **tick Internal drainage works**
- If submitting for **<u>external</u>** drain, **tick Enternal drainage works**
- Make the necessary declarations
- Submit to **PUBDD**
- Attach the subsequent drainage clearance letter when applying for CSC with NEA (CBPD)



Submission Checklists

The completed drainage works are indicated below [ticked the appropriate boxes]

Internal Drainage Works ☑

I certify that the internal drainage works are executed in accordance with the approved building/project plans and attach the necessary documents.
In particular, I certify that:

	Yes	N.A.	Remarks
1. The platform and crest protection levels are not lower than the required minimum platform level and crest level. As built survey plan showing the platform and crest protection levels are attached.	☑	☐	As built survey plan not applicable.
2. All internal drains are configured for collection of storm water only, and are properly connected to the public drain (roadside drain/outlet drain) and not into adjacent premises	☑	☐	

Submission Checklist (Continue)

External Drainage Works (Include Fenced-In Common Drains) ☐

I have supervised, inspected and certify that the external drainage works are executed in accordance with the approved building/project plans and attach the necessary documents.
In particular, I certify that:

	Yes	N.A.	Remarks
1. Drainage works fully completed and constructed according to approved plan	☐	☑	
2. No unauthorised slab-crossing / fence-in over public drain /common drain	☐	☑	

TOP/CSC

- ENV-CBPU-CLRTOP01-NEW/RESUB (TOP)
- ENV-CBPU-CLRCSC01-NEW/RESUB (CSC)
- Apply for NEA's TOP/CSC
- **Attach the sewerage and/or drainage clearance letters** obtained earlier
- **Do not** attach the PUB-BPU-COMPOFWORK or PUB-DD-CSIDRA forms in this submission
- Submit to **ENVCBPU**

Thank You

