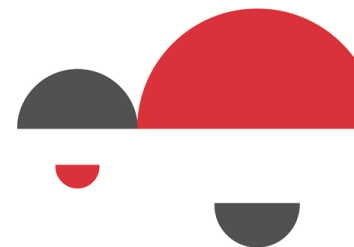


TENGAH PLANTATION C3

IMPLEMENTATION OF EFFECTIVE SAFE MANAGEMENT MEASURES (SMM) ON WORKSITES



Vision

Making a Positive Impact in the
Communities We Serve

Mission

Creating and Building Environments
where People Thrive

Core Values



Integrity

We act with Honesty
and Fairness, and
Keep our
Commitments



Progress

We are always
Learning and
Improving, and keep
getting better at what
we do



Passion

We put our Hearts and
Minds in our Work to
get the best



Positivity

We Focus on Building
Positive Relationships
and Downplay
Competition and
Negativism



Support

We share our
Knowledge and Help our
Team Members to
achieve Faster and
Greater Results



CONTENTS

- ❖ **PROJECT INTRODUCTION**
- ❖ **SAFE ACCOMMODATION**
- ❖ **SAFE WORKFORCE**
- ❖ **SAFE WORKSITE**
- ❖ **INNOVATION FOR SMMP**



Project Introduction

Client : **Housing & Development Board**

Project Title : **Tengah Plantation C3**

Architect : **Surbana Jurong**

C & S Consultant : **Surbana Jurong**

M & E Consultant : **Surbana Jurong**

Tender Sum : **\$ 198,198,000.00**

Construction Period : **Jan 2019 – Feb 2021**

Project Description :

TENGAH PLANTATION C3 & COMMON GREEN – PROPOSED PUBLIC HOUSING DEVELOPMENT COMPRISING 10 BLOCKS OF 7/8/11/14/15-STOREY RESIDENTIAL BUILDING (TOTAL 1140 UNITS) WITH 1-STOREY CAR PARK, 2 ESS, PRECINCT PAVILIONS, COMMUNITY FACILITIES, COMMUNAL ROOF GARDENS & COMMON GREEN AT GARDEN DRIVE, PLANTATION CRESENT AND PARK AVENUE



❖ Implementation of effective Safe Management Measures at Tengah Plantation C3

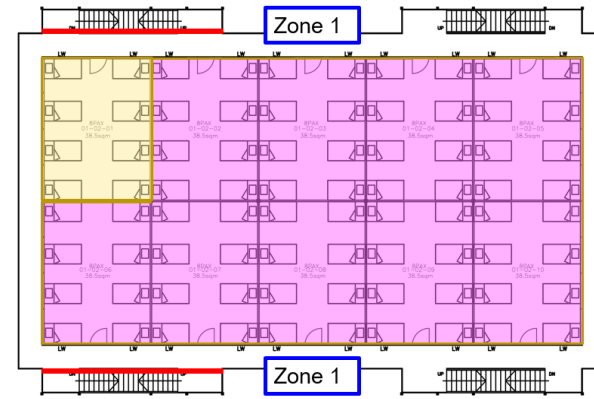
- Prevention of any future COVID-19 outbreak or spread of infection on worksite.
- Create a Safe Workforce and Safe Accommodation for all personnel working on site.
- Create a Safe Worksite for all employees.
- Protect workers, employees and the wider public community.
- Be able to contain any new clusters, and not have widespread impact throughout the project or to wider public community.
- In a controlled manner, allow workers to continue to work.
- All stakeholders to adapt to the **The New Normal**.



Safe Accommodation – On-Site Dormitory

In order to have a Safe Accommodation for on-site dormitory, implementation was carried out to

- Reduce the intermixing of workers at the on-site dormitory and to communicate with subcontractor to coordinator with their PBD dormitory on the safe accommodation for those coming to site.
- Room arrangements by team/group/work-zones so there is no intermixing of each group.
- No communal activities.
- No mixing of workers between subcontractor rooms.
- Maintain safe distancing measures of 1m at all time.
- No group gathering or discussion is allowed.
- All resident dormitory to wear reusable / surgical mask at all times.
- Appointed Dormitory SDO to ensure there is safe distancing measures at the dormitory at all times.
- Appointed COVID safe worker leader for the dormitory to ensure safe distancing within the dormitory room.
- Signage and Poster put up at dormitory to inform dormitory resident for any mental health to report or find assistance from agency.



Legend:

SCS	Straits Construction Singapore (8 pax)
HY	Hong Yang (72 pax)

Vacant : 0 pax
Soft Barricade



APPOINTMENT LETTER Ref: WSP/EP-WSP/HE/01 Appendix 1.4

Project: ISTANZA
To: PANDARSELVAM BALAKRISHNAN (ICWP No: 03410970)
Company: Straits Construction Singapore Pte Ltd

BY TYPE OF APPOINTMENT

<input type="checkbox"/> Safety Co-ordinator	<input type="checkbox"/> Site Risk (HSE) Controller	<input type="checkbox"/> Site Health & Safety Supervisor
<input type="checkbox"/> Safety Supervisor (SST)	<input type="checkbox"/> Drawing Officer	<input type="checkbox"/> Resident Officer
<input type="checkbox"/> Lifting Supervisor	<input type="checkbox"/> Crane/Overhead Crane Operator	<input type="checkbox"/> Material/Technician
<input type="checkbox"/> Scaffold Supervisor	<input type="checkbox"/> Site Observer/Sign Worker	<input type="checkbox"/> Plant Control Operator
<input type="checkbox"/> Temporary Safety Supervisor	<input type="checkbox"/> Concrete Pump Operator	<input type="checkbox"/> Safety Committee Member
<input type="checkbox"/> Piling/Signaller	<input type="checkbox"/> Concrete Pump Driver	<input type="checkbox"/> Member Equipment
<input type="checkbox"/> Vertical Driller	<input type="checkbox"/> Excavator Operator	<input checked="" type="checkbox"/> COVID-SAFE WORKER LEADER

APPOINTMENT BY OCCUPIER

I, as the occupier's Representative, hereby appoint the following person for the above designation to carry out any supervision or inspection or to perform any task or duty prescribed by the WSH Act 2008 and its Regulations.

- Your duties and responsibilities as well as legal obligations are listed in Page 2 of this document.
- Please sign on this letter of Appointment to acknowledge your acceptance of this appointment and that you have been briefed of your duties/responsibilities and have understood them.
- Please take note that there is enforceability against individuals who fail to comply with the Workplace Safety and Health Act.

Project Manager's Signature: *P. Badar* Company Stamp: Straits Construction Singapore Pte Ltd

Accepted by: *P. Badar*
Signature: P. Badar
Name: Pandar Selvam Balakrishnan
Designation: General Manager
Date: 02/07/20



HEALTH

感到压力大并需要与他人交谈?

请WhatsApp资讯我们的援助热线

+65 31384443

或在以下网址参与小组远程辅导。
远程辅导可在网上进行。
您可以与组员交流。

bit.ly/hstok2me

HEALTH

FEELING STRESSED AND NEED SOMEONE TO TALK TO?

Please Whatsapp HealthServe Help Hotline

+65 31384443

OR sign up for HealthServe Virtual Counselling Clinic

The session is conducted through video call and you can attend it from your dormitory.

bit.ly/hstok2me

Safe Workforce - Liaison and briefing to contractor prior to start work

- Ensure the dormitory is clean and cleared by MOM before the contractor are allowed to enter the site.
- Declaration of SHN served, swab test done (negative result) etc. to be produced before allowed entry to start work.
- Obtain certification from dormitories to certify the workers have been isolated for 14 days and have been tested negative for COVID-19.
- Subcontractor to brief their workers to adhere to SDM procedures whilst travelling to site & formulated by site for various work zones.
- Subcontractor to ensure their workers have capability in installing QR code scanner to access NRIC Safe Entry & Trace together app & SG Work Pass.
- All workers* (Singaporeans, Permanent Residents, Work Permit and S-Pass holders) to attend COVID-Safe Training for Operators, Mechanic, Workers and Others. For workers failure to attend the COVID-Safe Training for Workers are required to complete the COVID-Safe Training within 4 weeks upon the work restart for the worksite, failure to do so shall not be allowed to enter the worksite.
- For COVID-19 Safety Induction Training (COVIDSIC), all subcontractor to sent email to inform of any new / existing workers within a week notice period before entering the site and training conducted using Zoom Meeting / Microsoft Team Meeting.
- Informing all subcontractor on the fixed group of on-site dormitory and in-bound worker on the allocated timing to enter the worksite.

S/No	Contractors	Workers and Supervisors Number			
		Zone 1 Work reporting time: 7:00AM to 7:30 AM	Zone 2 Work reporting time: 7:30AM to 8:00 AM	Zone 3 Work reporting time: 7:00AM to 7:30 AM	Zone 4 Work reporting time: 7:30AM to 8:00 AM
1	Straits Construction				
2	Hong Yang				
3	Zhong Cheng				
4	Propell				
5	Sin Hong Yong				

Safe Workforce - Pre-screening & Progressively Screening of Dormitory Resident / In-bound Supervisor and Worker at Guard House

- Impose strict round the clock (24/7) entry and exit controls by Entrance Guard / Authorised personnel.
- Adhere to safe distancing measures within the on-site site dormitory and dormitory rules and regulations.
- Adhere to safe distancing measures for all on-site dormitory residents and in-bound personnel while entering and exiting the worksite.
- All dormitory supervisor and workers to complete the swab test conducted by appointed clinic and test negative before he/she allowed to work on site.
- Avoid any cross contamination between in-bound personnel and current dormitory resident with staggered arrival and exit time.
- To keep comply with the authorities (MOM, BCA, MOH and etc) direction and instruction.
- Every Employment Work Pass Holders / Singapore Citizens / Permanents Resident to conduct swab test once every 2 weeks for construction at designated swab test point set by government.
- Ensure all first swab test is conducted and test negative before he / she is allowed to work.
- Ensure updated name list is in accordance to BCA Approval List and PTW is submitted to each work zone ICs for subsequent endorsement by WSHEO.



Safe Workforce – Education of Good Practices & Practice good personnel hygiene

- Covid-19 related posters and information display on site
- Educate stakeholders on site on safe commute work and personal wellness practices
- Subcontractor supervisor to educate the worker daily during toolbox meeting on the good practices and awareness on COVID-19.
 - ❑ Monitor temperatures and body condition regularly
 - ❑ Report to superior and stay away from others if they are unwell
 - ❑ Practice good habit by wearing reusable / surgical mask at all time during work.
 - ❑ Practice good toilet habit
 - ❑ Practice good personal hygiene
 - ❑ Refrain from sharing personal items (e.g. cutlery, bottle and cup)
 - ❑ Refrain from sharing hand tools, equipment and PPEs
 - ❑ Discard food waste into refuse bins
 - ❑ Keep work sites tidy and litter-free



Safe Worksite

- Transport to and from site
- Supervision & Managing vehicles arriving on site
- Pre-screening & Progressively Screening of Dormitory Resident / In-bound Supervisor and Worker at Guard Entrance
- Site Zoning and implementation
- COVID – Safe Site Office and Facilities
- Staggered Rest / Lunch / Dinner House and SDM Implemented at the rest area
- Cleaning and Disinfection
- Delivery/Logistic Procedures
- Emergency Preparedness



Safe Worksite - Transportation to and from site

- Employers, transport providers and drivers must ensure Safe Management Measures are implemented when ferrying workers on all employer-provided transportation (e.g. private buses, vans and lorries):
 - ❑ All workers to wear reusable / surgical mask at all times while seated in the motor vehicle.
 - ❑ Workers are not allowed to interact / talk at all times while travelling from dormitory to worksite.
 - ❑ When using a lorry or van, the clear floor space of the deck available for each seated passenger shall not be less than 0.496 square metres.
 - ❑ Workers on each trip need to be working in same zone and according to BCA Approval name list submitted.
- Drivers are not allowed to enter the project site.



Safe Worksite - Supervision & Managing vehicles arriving on site


- Stagger the sub-cons for their arrival time to site - to avoid congestion as pre-entry procedures may take time
- Ensure vehicles stop at designated areas for disembarkation and move off quickly - do not cause traffic congestion
- Establish of traffic controller to guide the in-coming subcontractor lorry/bus to prevent cross-contamination between other zone or dormitory subcontractor
- Subcontractor driver to adhere to traffic controller instruction on the sequence to let the supervisor & worker to exit the lorry



Safe Worksite - Pre-screening & Progressively Screening of Dormitory Resident / In-bound Supervisor and Worker at Guard Entrance

- All Employment Work Pass Holders to show their SG Workpass Status and ensure it is under “Green Status” and allowed to carry out work. If SG Workpass Status is under “Red” Status, he / she will not be allowed to enter the worksite. (Compulsory)


AccessCode is 'Red'




Tap on the colour bar to find out why AccessCode is 'Red'

AccessCode Details showing why it is 'Red'

Worker A



Worker B



Worker A's AccessCode is 'Red' because his dormitory / block is not cleared yet;

Worker B's AccessCode is 'Red' because the employer and/or worker has not been approved by MTI or BCA to resume work.

Note: Workers may have more than 1 reason for getting 'Red' AccessCode.

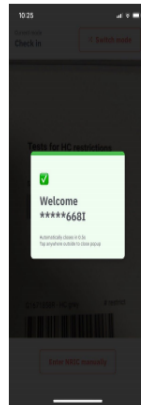


Safe Worksite - Pre-screening & Progressively Screening of Dormitory Resident / In-bound Supervisor and Worker at Guard Entrance

- All personnel are required to undergo SafeEntry NRIC scanning by Security Guard or Appointed Person, conducted the scanning using Trace Together app barcode or NRIC scanning upon entering the workplace. (Compulsory)

If you have enabled Access Control, you will see the following Access Code confirmations on SafeEntry

1) GREEN: Allowed to work and enter worksite as approved by sector agency



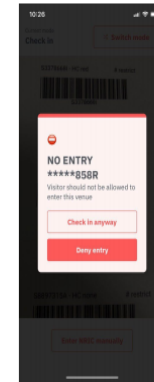
For Construction sector:

Allow Entry if the worker is approved by BCA to work at the project site.

If access code is **Green**, you will see a **confirmation in green** along with the last 3-digits of the NRIC/FIN.

If you have enabled Access Control, you will see the following Access Code confirmations on SafeEntry

2) RED: Not allowed to work and enter worksite




If access code is **red**, an alert will notify you that that **they are not permitted** to enter the venue or worksite - to deny entry

Safe Worksite - Pre-screening & Progressively Screening of Dormitory Resident / In-bound Supervisor and Worker at Guard Entrance

- All personnel entering the worksite to undergo the portable thermometer temperature screening and declare their health and temperature status twice a day. **(Compulsory)**



Safe Distancing Measures implementation in place when workers are queuing up to enter the site.

18TGHC3 - Daily Health Declaration Form 

1. Full name

உங்களது முழு பெயர்
全名
আপনার পূর্ণ নাম *

2. Last 3 numbers and the alphabet of your NRIC or FIN*

உங்கள் NRIC அல்லது FIN இல் உள்ள கடைசி 3 எண்கள் மற்றும் எழுத்துக்கள்
本地人身份证或准证上的外国人身份证号码 (FIN)最后三位数字和最后的字母 (如: 123F)
আপনার বিদেশী পরিচয় নথ্যটির শেষ 4 টি বর্ণমালা (NRIC OR FIN) *



Safe Worksite – Zone SafeEntry QR code scanning for entering the individual zone.

- Zone SafeEntry QR code scanning for all personnel before entering the individual zone - must verify that personnel particulars are in accordance to BCA Approval List before he/she is allowed to work at the particular zone. Visually check for submission result on device by Zone Entry / Exit Stationed Personnel.



SafeEntry

வருகை சரிபார்த்தல்

விரைவான தொடர்பு தடமறிதலுக்கு உதவ

பின்வரும் வழிமுறைகளைப் பயன்படுத்தி, SafeEntry-யின் பாதுகாப்பையும் நம்பகத்தன்மையையும் உறுதிப்படுத்துங்கள்

Tengah zone A

SingPass Mobile:
"Scan" தட்டுங்கள்

Apple iOS சாதனங்கள்:
புகைப்படம் கிராமியைப் பயன்படுத்துங்கள்

Android சாதனங்கள்:
Trend Micro QR வலுநிலையைப் பயன்படுத்துங்கள்
பரிந்துரைக்கப்பட்ட லைபரேரிகள்: go.gov.sg/qrscanner



1 வருடமும்
SafeEntry விளக்க தகவல் குறிப்பு

2 தேர்ந்தெடுக்கவும்
"Check-in" (முடிவு) உறுதிப்படுத்தவும்
"Check-out" (கொள்வோருக்கில்)

3 உள்ளிடவும்
உங்கள் உட்காட்டி விவரங்கள்

4 காட்டவும்
SafeEntry Pass

சரிசெய்யப்பட்ட பாதுகாப்புகளை வைத்திருக்க உங்கள் பங்கைச் செய்வதற்கு நன்றி!

உங்கள் பாதுகாப்பு தகவல் புகைப்படம் எடுக்கப்படும். உங்கள் விவரங்களைப் பாதுகாப்பாக வைக்கப்படும். பாதுகாப்பு குறிப்பிட்டு விளக்கப்படும். மேலும் விவரம் அறிந்துகொள்ளுங்கள்: go.gov.sg/qrscanner

01/06/2020

GOVTECH
SMART NATION

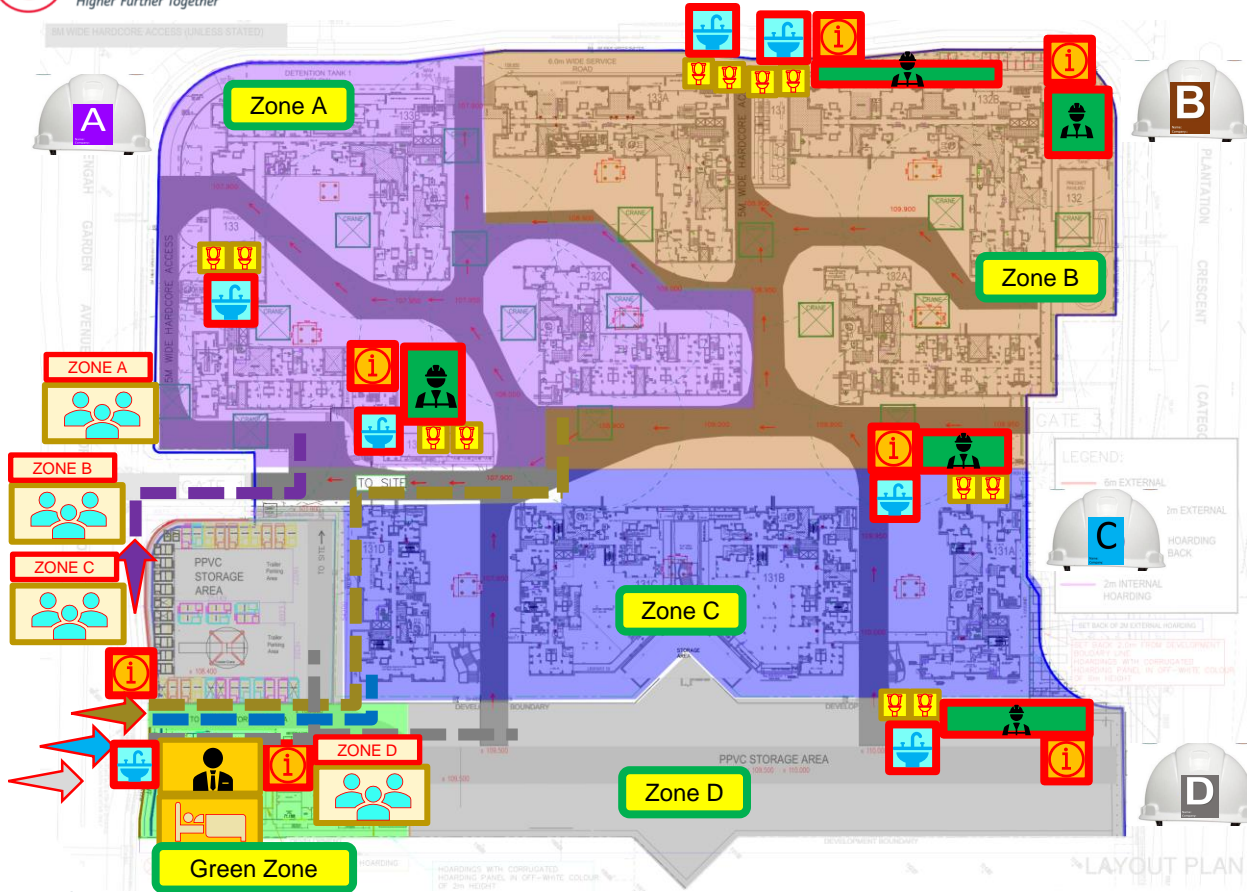


Safe Worksite - Site Zoning












- Segregation of site into zones based on area of work activities. Demarcation barricade with colour to be provided to ensure clear visibility of each zone.
- Workers in each zone must be accounted for. Contractors working in Zone must submit name-list to Main-Con trade in-charge for planning (*limit amount of workers needed*), easy reference and record keeping.
- Crossing between zones is strictly not permitted unless authorized. This is to prevent any cross contamination.
- Staggered work reporting timing to reduce possible congregation of workers and supervisors at common spaces
- Rest areas / toilets allocated at each zone to cater for workers there to prevent crossing of zones.
- Each zone will have an allocated zone In-charge SDO to oversee the individual zone and report to Safe Management Officer (SMO).
- Safe Management Officer/Coordinators will conduct inspection regularly on to ensure SDM are complied.



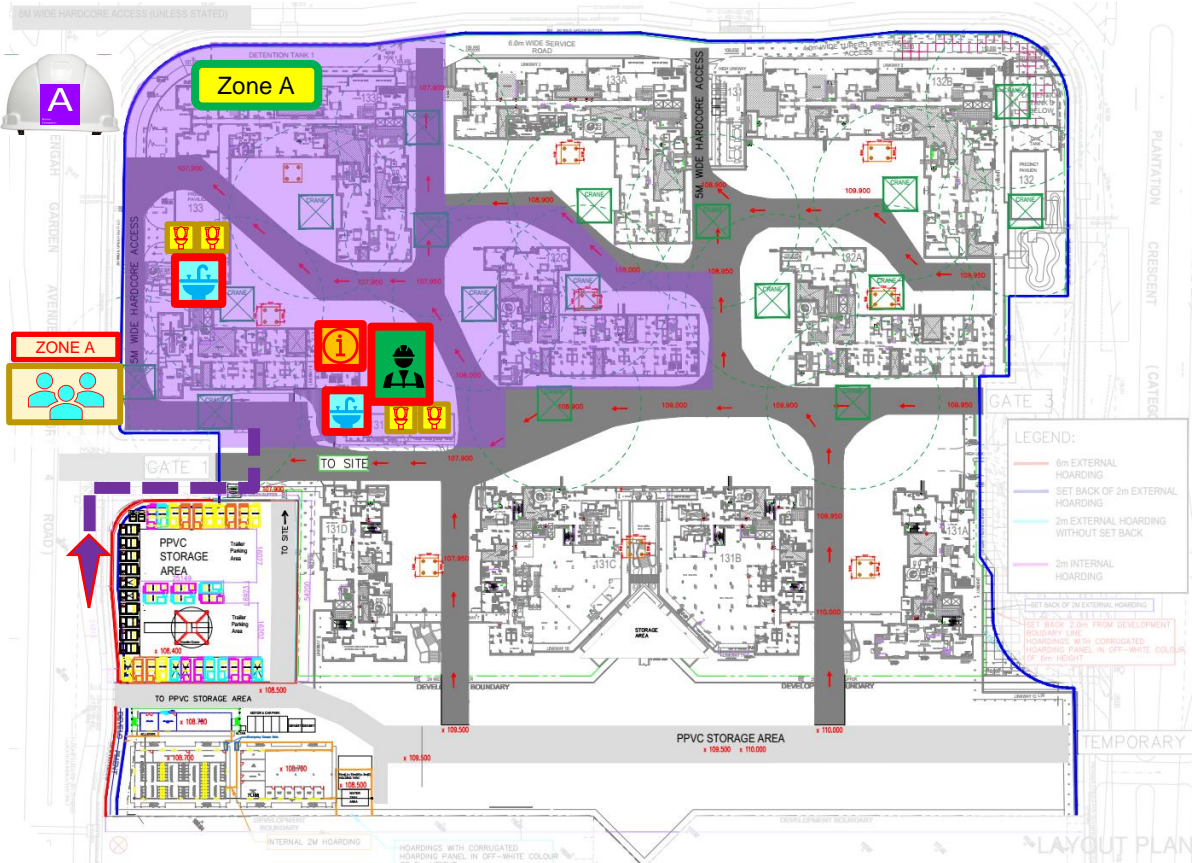
Site Zoning, Ingress & Egress



LEGEND:

-  Dedicated Toilet
-  Human Traffic Stoppage Point
-  Hand Wash & Sanitizers Area
-  Poster & Graphic Information
-  Site Office
-  Isolation Room
-  Emergency Assembly Point
-  Zone A Entrance/ Exit
-  Zone B Entrance/ Exit
-  Zone C Entrance/ Exit
-  Zone D Entrance/ Exit

Site Zoning, Ingress & Egress

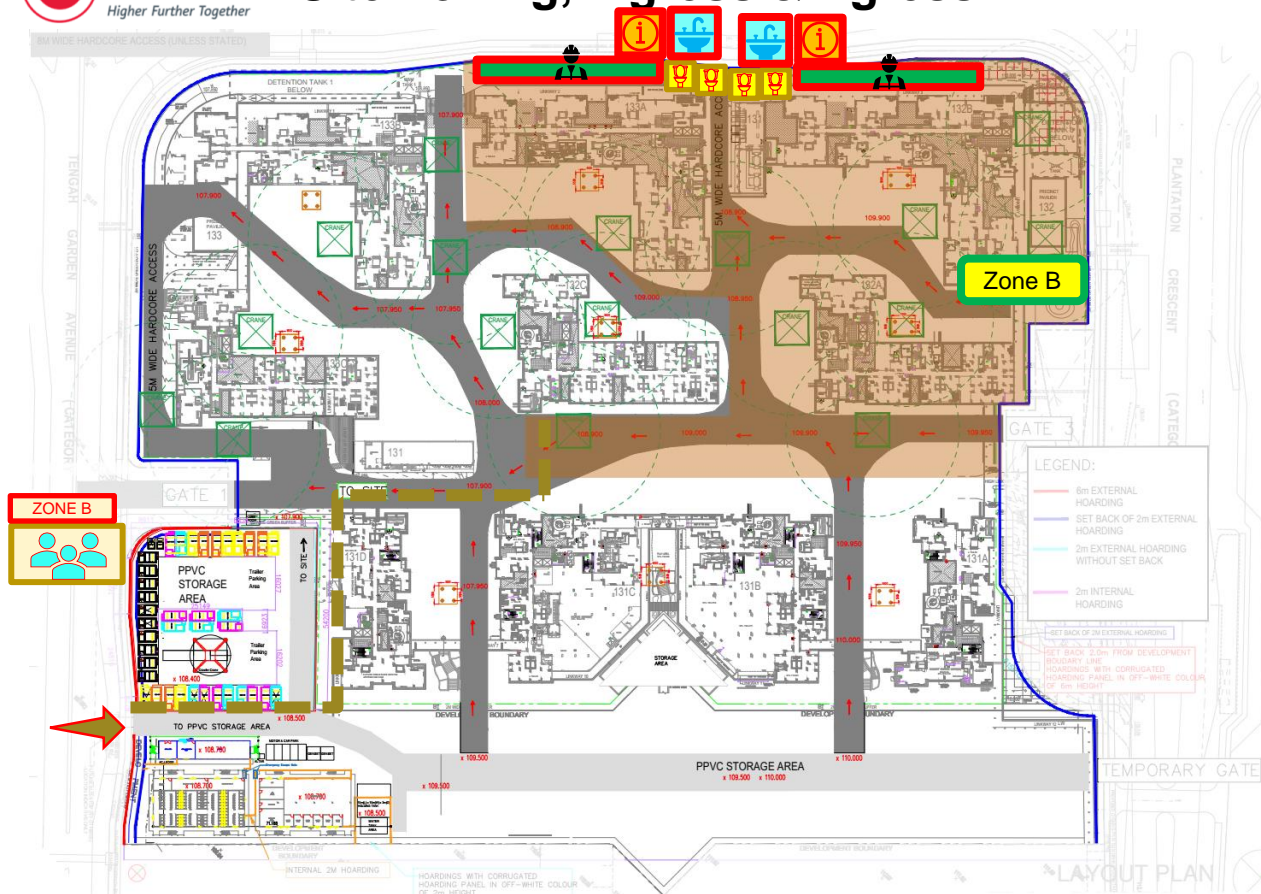


Legend:


  Zone A Entrance/ Exit



Site Zoning, Ingress & Egress

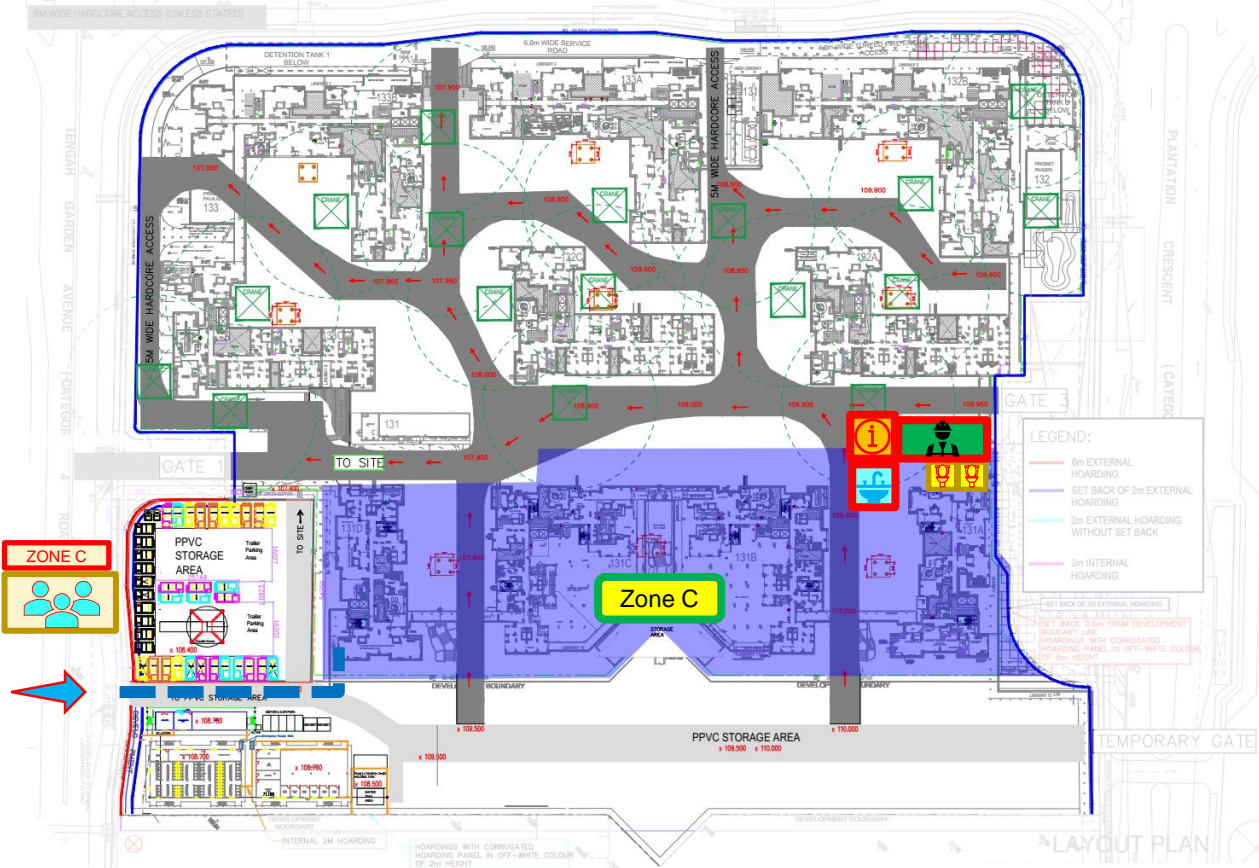


Legend:

 Zone B Entrance/ Exit



Site Zoning, Ingress & Egress

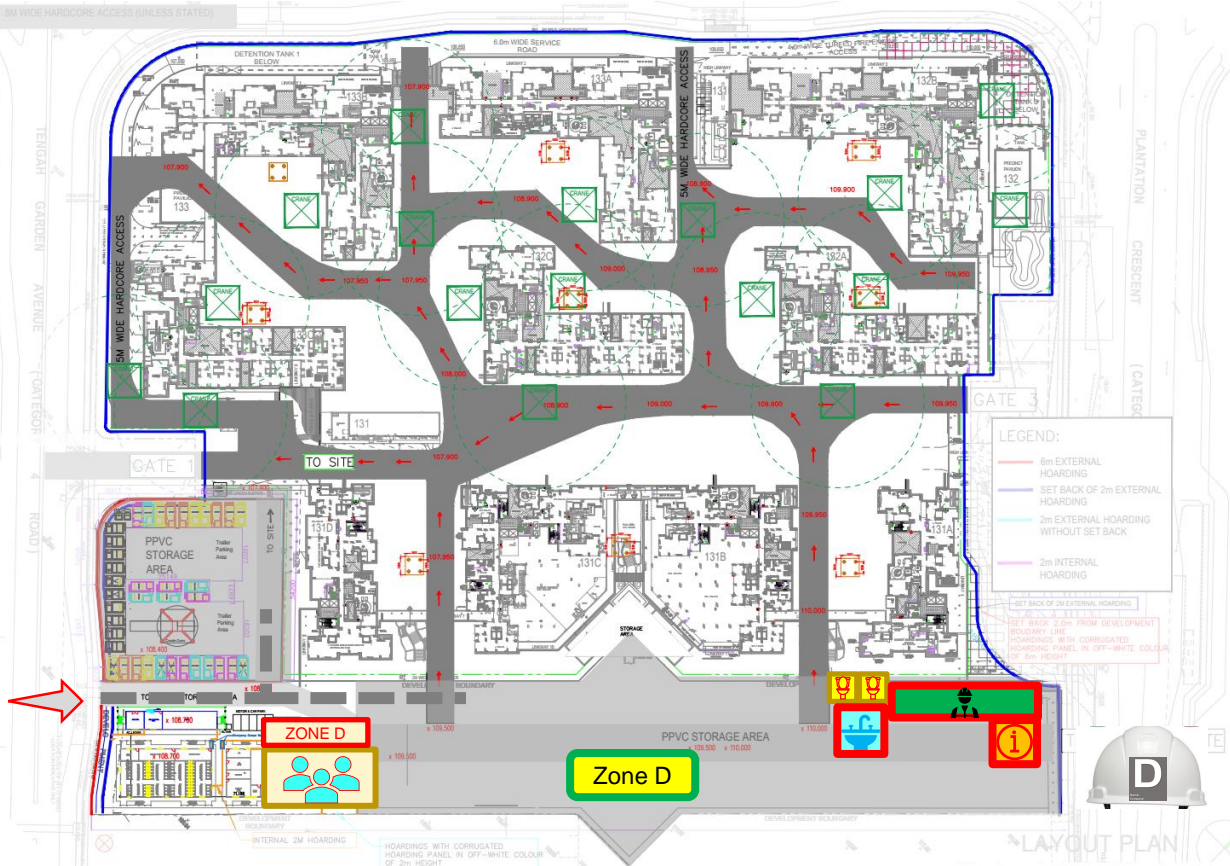


Legend:

Zone C Entrance/ Exit



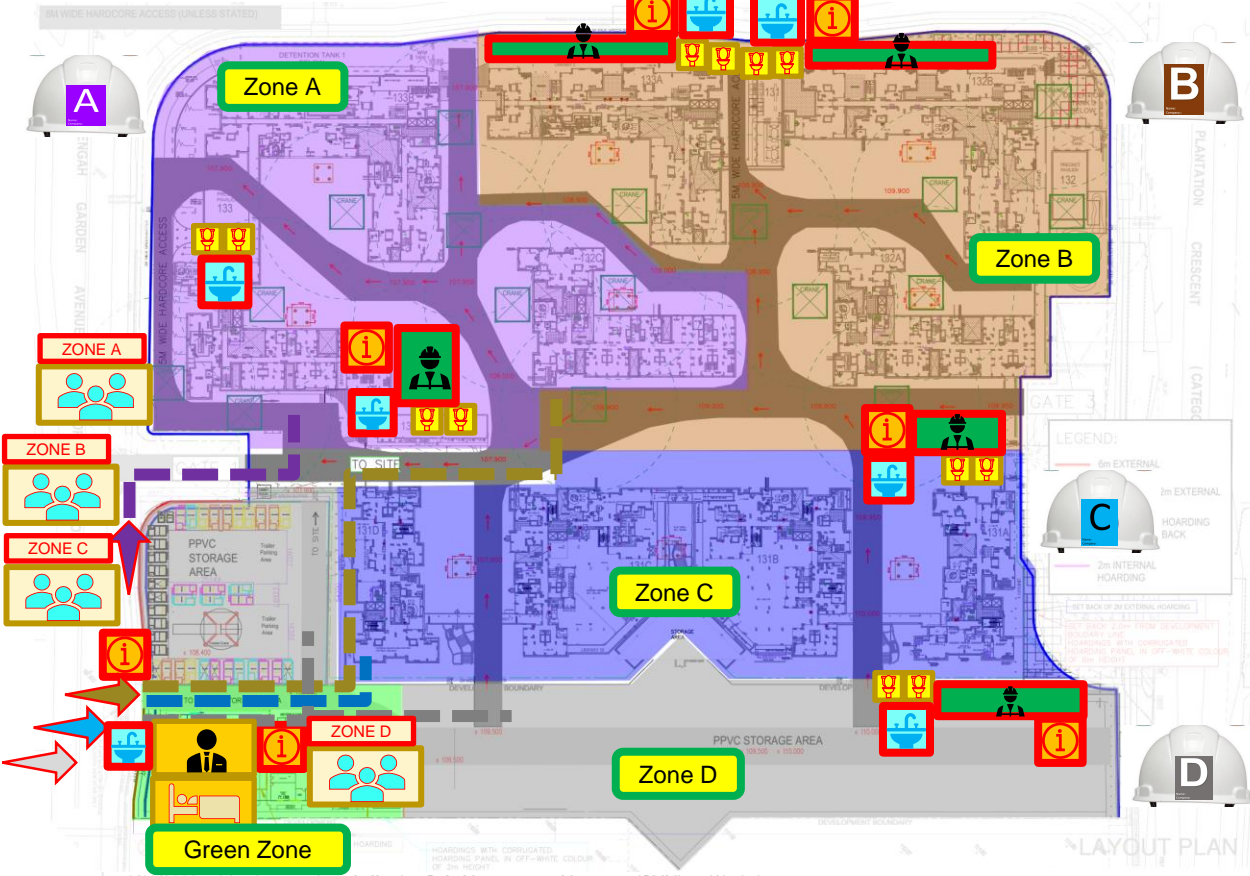
Site Zoning, Ingress & Egress



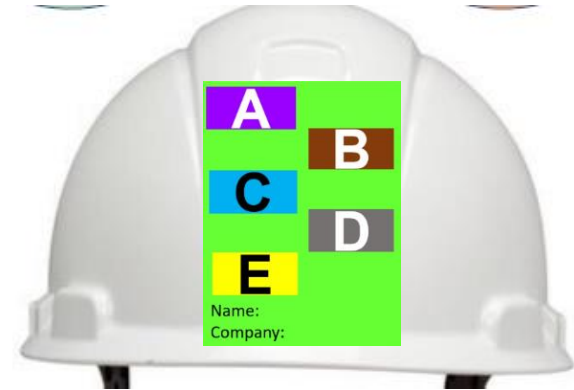
Legend:



Site Zoning, Ingress & Egress



Green Zone



Workers are not permitted entry to site office at all times, only allocated cleaners or electrician may be allowed entry (subject to approval).

SDM Implementation At The Rest Area



Contactless Washing Point



Contactless Water Point

Individual Rest Zone area allocated for supervisor / worker taking break.



Safe Worksite – COVID-Safe Site Office and Facilities

- Site staff is splitted into 3 Teams
- Team A office is located at Level 2
- Team B office is located at Level 3
- Team C to work from home
- Team A and B will be using different stairways to access to different level
- Sitting arrangement allocated with safe distancing measures in place (Min. 1m apart).
- Minimize conducting physical meetings to only when absolute need arises.
- Limit to max 10 pax per meeting with SDM in place and PPE (Mask) worn at all times.
- Maximize use of technology using online platforms to conduct meetings.

Team A At 2 nd Floor	Team B At Meeting Room	Team C Work From Home
<u>Ramu Rajesh</u> (PM)	<u>Khin Pa Pa Swe</u> (ECO)	<u>Helen</u> (Site Clerk)
<u>Raymond Tay</u> (Technical Manager)	<u>Arumgam Manikandan</u> (WSHEC)	<u>Myo Min Thein</u> (BIM)
<u>Cheng Chun Kiat</u> (WSHEO)	<u>Ramamurthy Murugesan</u> (WSHEC)	<u>Kyaw Zin</u> (Edward) (BIM)
<u>Rico Missiona</u> (Snr Eng) <u>Neo Aik Kuan</u> (Snr Eng) <u>Li Yun Zhu</u> (SE) <u>Hong Zhilin</u> (SE)	<u>Neelamegam Kannan</u> (SE) <u>Zhang Hai Bing</u> (SS) <u>Ni Chao Lin</u> (SS) <u>Sathiesh</u> (QSD)	<u>Jhon Rey Tupas</u> (BIM)
<u>Lee Wei Shen, Vincent</u> (MEP)	<u>D.Sivasankardoss</u> (MEP) <u>Chan Nyew Phyo</u> (MEP Coordinator)	<u>Casilito</u> (BIM)
<u>Looi Chin Yap</u> (SE)	<u>Arafat</u> (PPVC Coord.)	
<u>Kyaw Soe</u> (Surveyor)	<u>Nicol Jefefery Malong</u> (Surveyor)	
<u>Thangaraju Saravanan</u> (Co Ord)	<u>Jacky</u> (Site Manager)	
Consultant PM	Consultant RE / RTO	

Team A
09.00am to 06.00pm,
Lunch Break 1pm to 2pm,

Team B
08.00am to 05.00pm,
Lunch Break 12noon to 1pm



Stagger
arrival time

Safe Worksite – COVID-Safe Site Office and Facilities

Stairway A –
For Team A

Stairway B –
For Team B



Safe Worksite – Staggered Rest / Lunch / Dinner timing and SDM Implemented at the rest area

- Main-contractor & Subcontractor shall abide to the time given to conduct Lunch / Dinner in the separate timing given for Group A and B.
- For dormitory resident staying at Tengah Plantation C3 project, shall consume their Lunch / Dinner at their dormitory room to avoid cross-contamination with other in-bound workers coming to project and work. (To maintain 1m safe distancing measures at all times.)
- For workers taking rest to adhere to the designated allocated zone point and not cross-contamination with other zone personnel. (To maintain 1m safe distancing measures at all times.)
- For subcontractor who work till 7pm shall take their food back to their respective dormitory instead consuming the dinner on site.

Group A			
Group	Contractors	Timing	Total Number of Workers & Supervisors
A	Zhong Cheng	11.30 AM	
	Propell Integrated	-	
	Hoe Kim	12.25 PM	
	Peoy Heng	&	
	Straits Construction	05.30 PM	
	Pintary Foundation	-	
		06.25 PM	

Group B			
Group	Contractors	Timing	Total Number of Workers & Supervisors
B	Hong Yang	12.30 AM	
	Sin Hong Yong	-	
	KMI	01.30 PM	
	Huang Wan	&	
	Nam Lee	06.30 PM	
	Chew Hock Seng	-	
		07.30 PM	



Cleaning and Disinfection

- Thorough disinfection misting treatment will be carried out 3 times per week
- Assigned workers will be trained on the safe usage of disinfection misting device by the supplier
- Disinfection misting treatment locations include: Site office, meeting room, staircase, resting area and toilet
- Cleaning regime for common areas to be established - SCS and sub-contractors workers to clean common areas on daily basis (For example: Sub-cons roster for cleaning the rest areas)

S/No	Locations	Frequency	Party involved
1	Permanent Toilet	Daily (3 times at different schedule)	SCS workers
2	Whole Site Office (General Cleaning)	Daily (2 times at different schedule)	SCS workers
3	Whole Site Office & Common Areas (Disinfection Misting Treatment)	Mon, Wed, Fri and alternate Sun	SCS workers
4	Common areas such as rest area and canteen	Daily (3 times at different schedule)	SCS and Subcontractor workers



Duty Roster For Cleaning the Common / Canteen / Toilet Areas

TOILET CLEANING INSPECTION CHECKLIST

LOCATION: 2nd sty Male Toilet

MONTH: Aug 2020

Date	30/07/2020			31/07/2020			01/08/2020			02/08/2020			03/08/2020			04/08/2020			05/08/2020		
	7AM	1PM	6PM	7AM	1PM	6PM	7AM	1PM	6PM	7AM	1PM	6PM	7AM	1PM	6PM	7AM	1PM	6PM	7AM	1PM	6PM
Cleaning																					
Sink fittings	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mirror	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Toilets bowl	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Littering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Empty Bin	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Floor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water leaking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dust & stain on wall	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Toilet door	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Refilling																					
Hand Soap	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Toilet paper	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Air fresher	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cleaner Sign	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR
Supervisor sign	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S



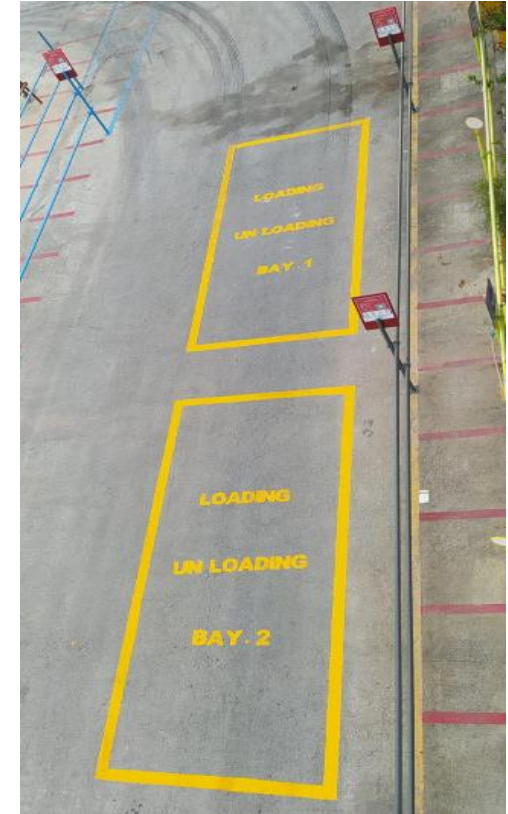
Proper PPEs Are Worn When Performing Disinfection Misting Operation



Delivery/Logistic Procedures

- Security to note particulars of delivery/logistics personnel, vehicle plate, time of entry and exit, destination zone and contractor personnel he is in contact with (e.g. store man for materials, engineer for RMC/Precast/PPVC)
- Delivery drivers to park within the loading and unloading bay and unload all the goods on the ground while he return back to the vehicle. Storeman shall approach the goods and receive the goods.
- Adopt contactless delivery and digital process to minimize contact on-site.
- Move paper-based / in-person processes to digital forms if possible.
- For Driver need to be alight, SDO to ensure there is a minimum of 2m safe distance to prevent in contact with any personnel working on site.

S/No.	Driver need to alight	Driver need not to alight
1	Ready- Mixed Concrete	Soil truck
2	Pre-cast delivery	BRC Mesh delivery
3	Test cube collection	Hardware delivery
4	General waste bins Collectors	
5	Portable toilets services	Toilet Waste Disposal



❖ Emergency Preparedness - Dealing with COVID-19 suspected cases

- COVID-19 Emergency Response Plan Flowchart on Suspected Cases of COVID-19 upon
 - Any employee who is feeling unwell or showing symptoms of illness shall report to Straits Construction management, leave the workplace if working on site and consult a doctor immediately, even if symptoms may appear mild. Straits Construction will track with all the personnel working together with him or in contact with the suspected cases and record all their particular for further quarantine purpose.
 - In the event of any employee who are feeling unwell or showing symptoms of illness shall not reported back to work and required to see doctor immediately.
 - For incapacitated or unconscious individuals, Straits Construction will clear the area of other personnel and administer aid immediately. Straits Construction will call 995 for an emergency ambulance to ferry them to the nearest hospital.
- Dedicated isolation facilities for timely segregation of suspected cases.
- All site personnel to download and switch on contact tracing app – TraceTogether.
- Established of Emergency Assembly Point for any suspected cases of COVID-19 personnel.

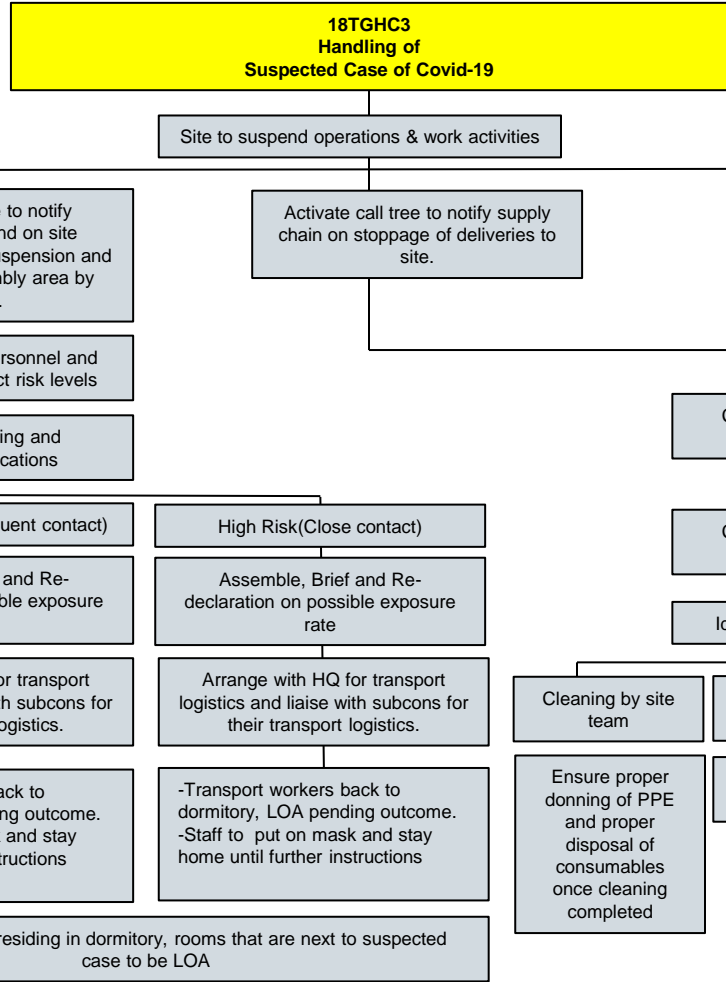
 <p>Straits Construction Higher Further Together</p>	TENGAH PL C3	REVISION: 04
	PREPARED BY: WSHBO CHENG CHUN KIAT	DATE: 14/05/2020
	APPROVED BY: PM RAMU RAJESH	PAGE 1 of 31
EMERGENCY RESPONSE PLAN		



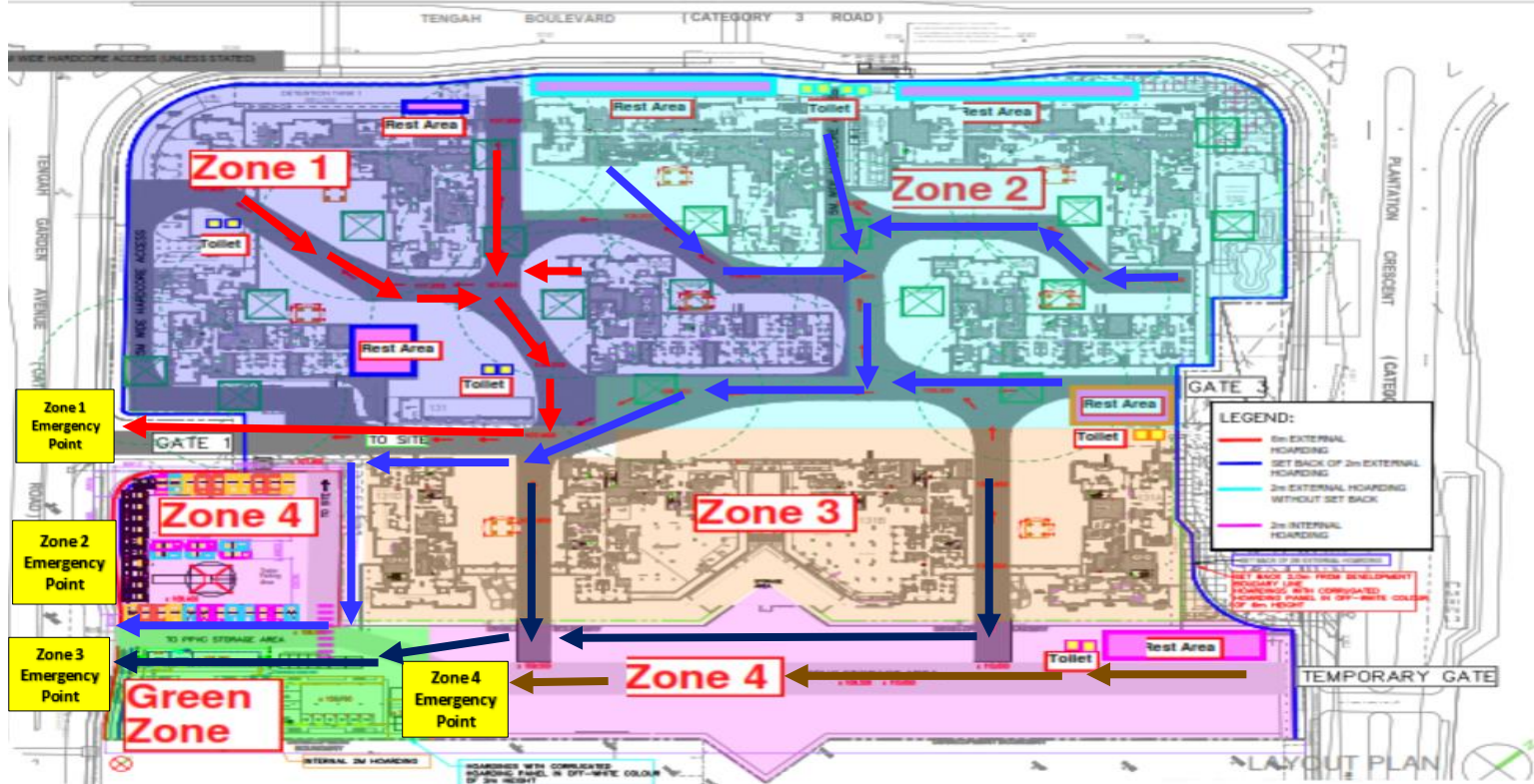
**EMERGENCY RESPONSE PLAN
& COVID-19 EMERGENCY PLAN**

TENGAH PL C3

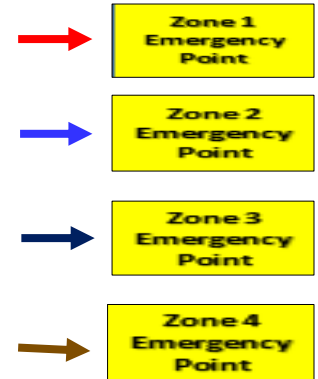




Emergency Assembly Point



Evacuation Route



❖ Short Term Workers

Short term workers (a few hours) who need to be at site e.g. Testers, specialist contractors, vector control, disinfection crew etc.

- Workers who are authorized to commute to site on a need basis shall try to avoid any direct interaction with the stay-in workers.
- No entry to the main site office other than the designated isolated offices for them (for short term workers), shall be allowed and there shall be strictly no interaction or close contact with other stay-in office staffs.
- To commute to site at different timing from the stay-in workers (i.e. at night/weekends or off-work or before work times) to carry out the required works and leave site before the stay-in workers come.
- SDM to be practiced at all times to minimize the contact between site personnel and person involved with Short Term Workers.
- Mechanics carrying out maintenance or repair of plant and equipment shall work in isolation, far away from workers. Hand sanitizers to be placed within close reach of plant/equipment to enable frequent use by operators and mechanics each time before/after operating or touching equipment as part of good hand hygiene. Mask to be wear throughout the process while carrying maintenance or repair works.

❖ Short Term Workers (Sample)

Work carried out by External Party Involved (short term, less than 1 hr)

Work Activity	Company Name	Number of supplier/PCO/ visitor involved	Number of Straits employee involved	Implementation
Pest Control Service	Anticimex	3 (PCO)	4 (ECO & 3 ECO workers)	<ul style="list-style-type: none"> - Apply 2m safe distance rules while follow PCO at site - Follow same person upon every visit - Service report only signed by ECO
Receiving materials (ECM chemicals/ mosquito chemicals)	Supplier	1 (Driver)	2 (one ECO worker and forklift operator)	<ul style="list-style-type: none"> - Driver shall stay in the cabin - If the driver is necessary to come out from the cabin, the driver must wear the mask and apply 2m safe distance - The forklift operator shall assist to unload the materials (only stay in the cabin) - ECO worker check and receive the materials (sign by ECO worker- Raj Mohan)- apply 2m safe distance rule
Maintenance of ECM	Scott Vicker (ECM Technician)	1 (ECM Technician)	1 (ECO worker)	<ul style="list-style-type: none"> - ECO worker follow Technician (apply 2m safe distance) - Technician must wear mask and apply 2 m safe distance rule - Use the access along the hoarding to minimize the less exposure with site personnel



Safe Management (SM) Checklist

Safe Management Measures Plan Checklist

Project Site : _____
Date : _____
Time : _____

S/No.	Items	Yes	No	N.A	Remedial Actions/Remarks
Section A: Health Management Of Project Site					
1.	Temperature of site personnel are taken and recorded twice daily				
2.	Daily health declaration form filled up by all entering site				
3.	Face masks are worn by site personnel at all times				
4.	Personal cleaning essentials such as hand soap and sanitizer provided and used on site				
5.	Dedicated isolation facilities for timely segregation of suspected cases provided				
6.	Site personnel medical consultation are tracked and recorded				
7.	Educational posters (ex: good personal hygiene and procedures for handwashing) display on site to raise awareness of Covid-19 prevention				
Section B: Safe Distance Measures At Work Zone and Communal Areas					
8.	Safe distancing measure implemented at entry point of worksite?				
9.	Separated designated walkways provided with SDM in place				
10.	Demarcation of different work zones set up and made clear to all				
11.	Identification (such as sticker on helmet & different vest colour) provided to differentiate site personnel from different zone				

12.	No cross-deployment or interaction between site personnel in different shifts, teams or work zones				
13.	Sufficient facilities set up at individual work zones to cater for persons within that zone? (Toilets/ rest areas/ washing points)				
14.	Space and seats within the work zone and communal areas are spaced out at least 1m apart and clearly marked if not supposed to be used				
15.	Staggered working and break hours implemented, displayed and followed?				
16.	Site personnel are briefed on SDM requirements on site				
Section C: Safe Distance Measures At Site Office					
17.	Safe distancing measure implemented in office				
18.	Separated designated walkways for staff allocated with SDM in place				
19.	Demarcation of different work zones set up and made clear to all				
20.	Space and seats within the office area are spaced out at least 1m apart and clearly marked if not supposed to be used				
21.	Staggered working and break hours implemented, displayed and followed				
22.	Shift or split team arrangements implemented				
23.	Meeting are conducted online as much as possible, while all group events cancelled or deferred till further notice				
24.	No cross-deployment or interaction between site staff in different shifts, teams or work zones				
Section D: General Cleanliness and Hygiene					
25.	Cleaning and disinfection regime set up, schedule displayed and followed				

26.	Frequently touched areas such as handrails, doorknobs disinfected regularly				
Section E: Contact Tracing Requirements					
27.	SafeEntry QR code displayed and used at the entry and exit point of worksite				
28.	Site personnel download and activate the TraceTogether app at all times				
29.	Site specific Covid-19 Emergency Response Plan is established and brief to all site personnel				

Any safe management measures improvements (Suggestion Box)

Inspected by : _____
Designation : _____
Date : _____



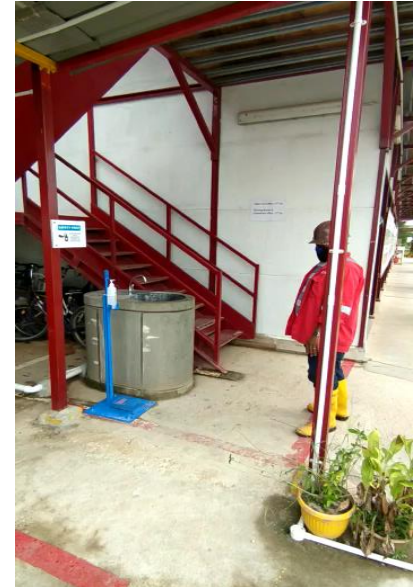
❖ Innovation for SMMP



Toilet flushing (stepping on the yellow plate) without worker to press the flushing button



Washing point (stepping on the plate underneath) without worker to turn off / on the tap



Soap dispenser (stepping on the plate underneath) without worker pressing on the soap dispenser tap.

THANK YOU

