

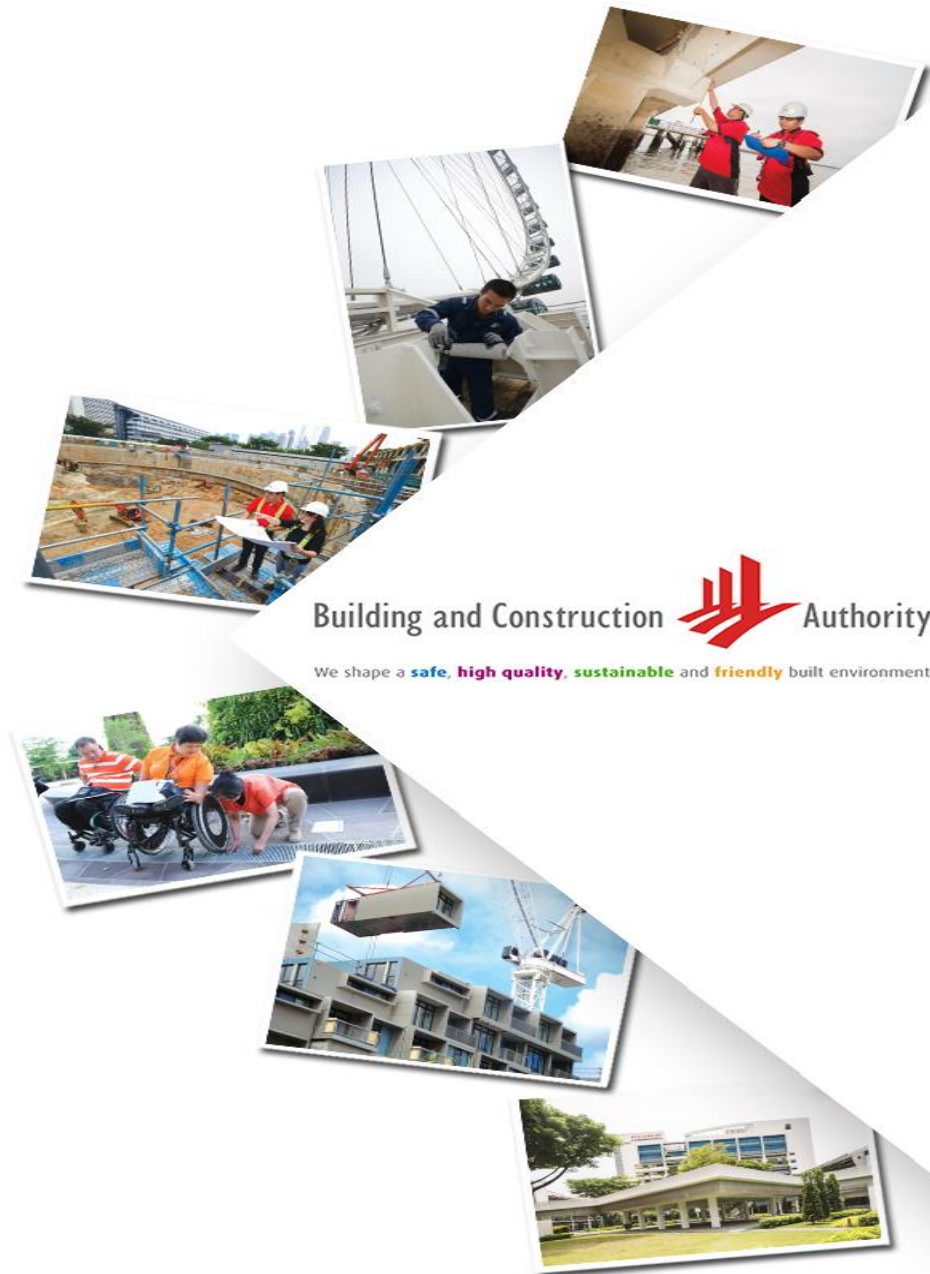
# Good Practices for Prevention and Containment of C+

Presented By:

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**Building & Construction Authority**

Total No. of Slides: 20


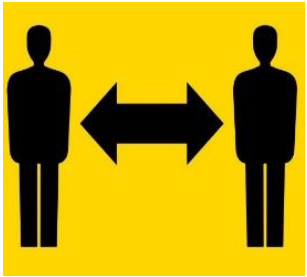


Building and Construction  Authority  
We shape a **safe**, **high quality**, **sustainable** and **friendly** built environment.

# OUTLINE

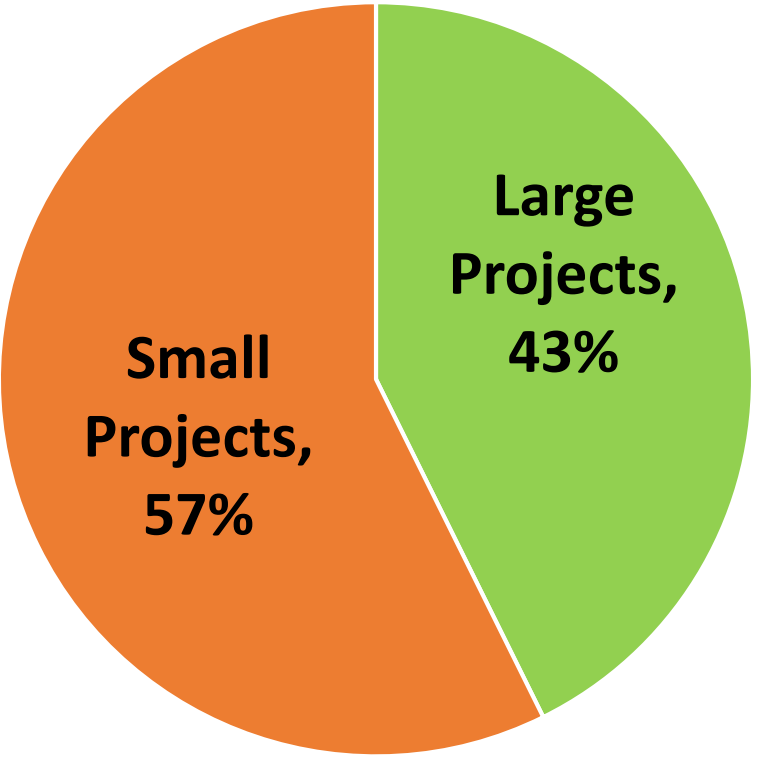
- Key Enablers for Prevention and Containment of C+
- Audit & Assessment Findings
- Safe & Quick Resumption of Works
- Good Practices to Minimise Project Site Disruption
- Common Mistakes in Restart Application

# PREVENTION & CONTAINMENT

	<b>PREVENTION</b> <i>Preventing the occurrence of major C+ outbreak at site</i>	<b>CONTAINMENT</b> <i>Ensuring that C+ infection does not spread beyond work zones of C+ worker</i>
KEY ENABLERS	 <p><u><b>Access Control</b></u></p> <p>Allow only healthy and approved workers to work at worksites</p>	<p><u><b>Safety Time Out</b></u></p> <ul style="list-style-type: none"> <li>• Allow project site to come to safe stop</li> <li>• Affected work zones, close contacts are to be identified and isolated</li> <li>• Disinfection of workplace according to NEA guidelines</li> </ul>
	 <p><u><b>Safe Distancing</b></u></p> <p>Ensure that all safe-distancing, segregation and cohorting measures are practised at worksites</p>	<p><u><b>Review SMM Plan</b></u></p> <ul style="list-style-type: none"> <li>• Ensure that adequate SMM are in place and low risk of cross-infection for safe resumption of works</li> </ul>

# ASSESSMENT FINDINGS ON SMM PRACTICES

- Approx. **3,700 project sites' SMM practices** were assessed
  - **7.5%** of project sites were found with SMM breaches
  - BCA has taken enforcement actions for SMM breaches observed

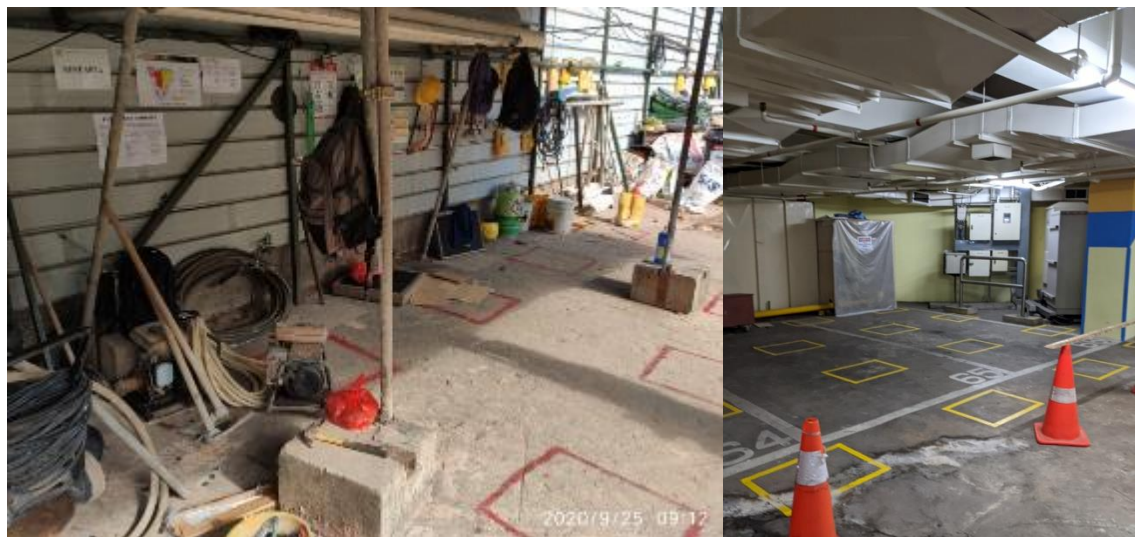


Common Reasons for enforcement actions taken	
A.	Worker(s) not wearing mask or visual identifier
B.	Worker(s) not keeping to designated zones
C.	SMO not present





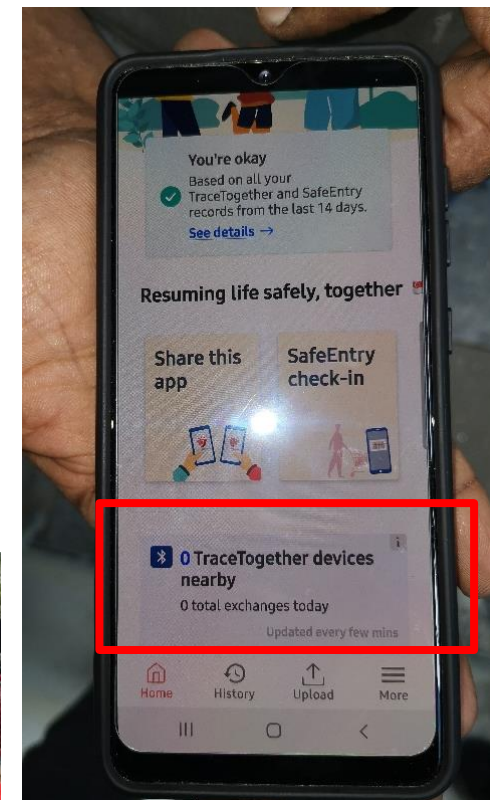
# SMM BREACHES OBSERVED



**No Segregation at Common Facilities**



**Worker not wearing mask**



**TraceTogether not activated**



**No indication of work zones and/or unclear demarcation of work zone**





# EXAMPLES OF GOOD PRACTICES OBSERVED



**Use of visual identifiers**



**Clear Demarcation of work zone**



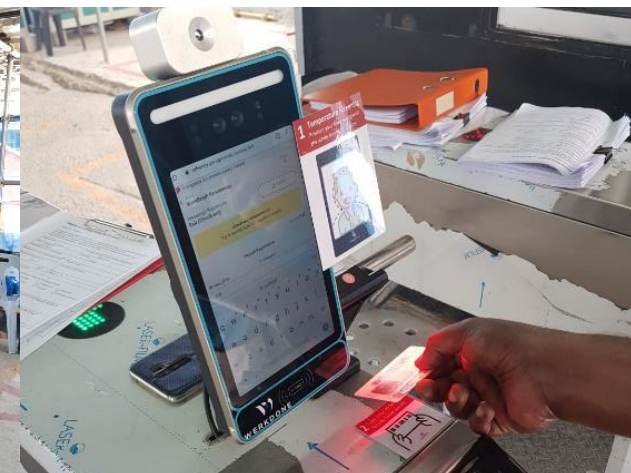
**Individually Packed Food**



**Segregation of rest areas**



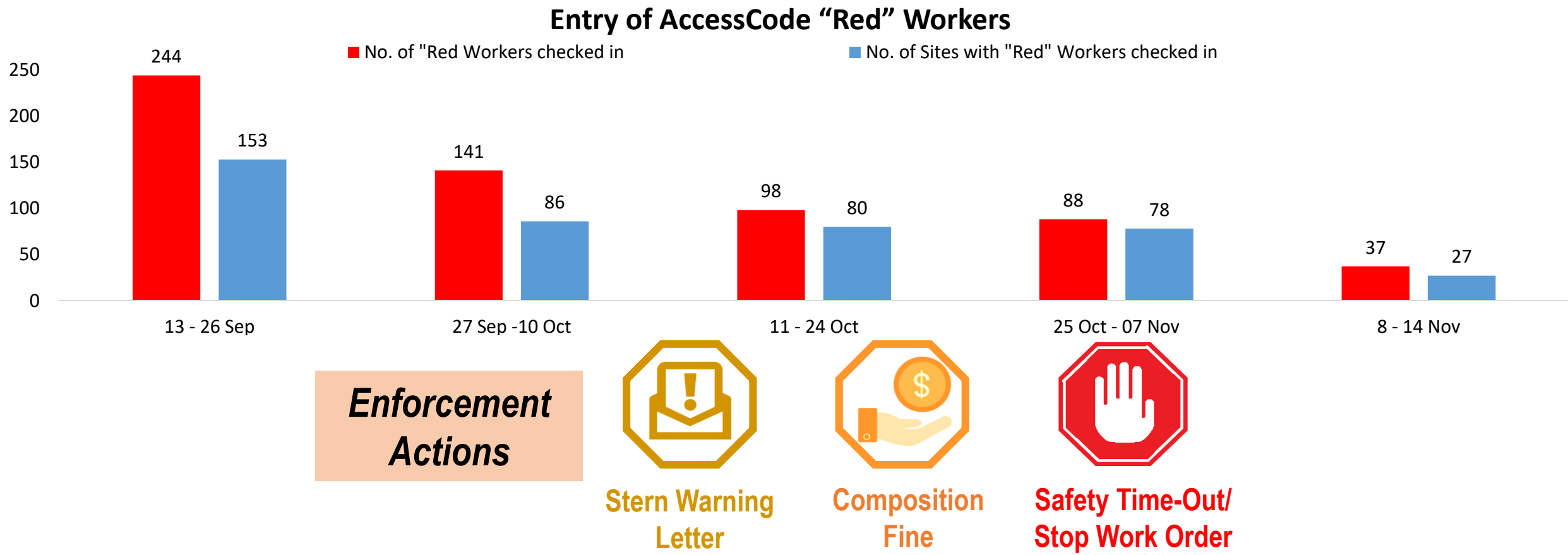
**Use of SE(NRIC) at site entrances**



# AUDIT FINDINGS ON ACCESS CONTROL

## First Line of Defence against COVID-19

- To ensure that the workforce remains Covid-free, all workers entering should have 'Green' AccessCode status
- A significant no. of project sites permitted the entry of AccessCode "Red" workers





# AUDIT OBSERVATIONS

## Covering SMO/SDO at Site

- SMO must be present at all times when works are carried out on site
  - ☐ If SMO cannot be on site  $\leq 3$  days (e.g. MC, swab test, on leave), a SDO or another SMO can cover him at site
  - ☐ If SMO cannot be on site  $> 3$  days, builder must appoint another SMO to cover him
- Covering SMO/SDO is not aware of site's SMM and their duty as covering SMO
  - ☐ Not briefed by Builder or SMO
  - ☐ Builder and site SMO must ensure that the covering SMO/SDO is aware and knowledgeable in the site's SMM and their duties as a covering SMO



# PREVENTION: ACCESS CONTROL

- 'Red' AccessCode workers should be turned away at the site entrance
  - Enable restrictions at CMP Sector to incorporate the function of denying entry to 'Red' Access Code Workers

Visitors at Construction, Marine, Process (CMP) Work Sites

For companies that received instructions to impose visitors restrictions at your work sites

☒ Enable restrictions at CMP work sites

Share crowd data on SpaceOut

This venue's crowd data will be made public on SpaceOut, in order to help visitors make informed decisions and maintain safe distancing.

☐ Enable crowd data sharing

Create branch

**\*IMPORTANT\***  
Step 7) For CMP work sites, please check this option to activate Access Control

Step 8) For CMP work sites, leave this option unchecked.

Step 9) Click Create branch to save your preferences

*Checking the 'Enable restrictions at CMP Sector' during SE(NRIC) setup*

Point B at supermark....  
Entry (Check in) Switch

**NO ENTRY**  
Visitor should not be allowed to enter this venue

Deny entry

Ignore and allow entry

*AccessCode 'Red' Worker should be denied entry*

**Visitor entry denied**

Back to check-in

are not allowed to enter today

Deny entry

Ignore and allow entry

# SAFE & QUICK RESUMPTION OF WORKS

*C+ Worker worked on site in the past 14 days*



*Safety Time Out (STO) will be issued*

- Safety Time Out (STO) is issued to allow projects to come to a safe stop. Builders are required to:
  - Submit **Builder's Compliance Report, SMM Plan** and **Worksite Safety Plan**
  - **Disinfect** the worksite according to NEA's guidelines
- STO can be lifted within 3 days if Builder provides a **prompt response** with **adequate and complete** SMM, Worksite Safety Plan
- If there are SMM breaches, Stop Work Order (SWO) will be issued to the site for the necessary rectifications to be made

# GOOD PRACTISES TO MINIMISE WORK DISRUPTION

## Good Segregation Practices at Toolbox Meeting

- MOH have advised that toolbox meetings should be conducted in:
  - Smaller groups at different locations or staggered timing
  - Open space area with safe distancing of >1m

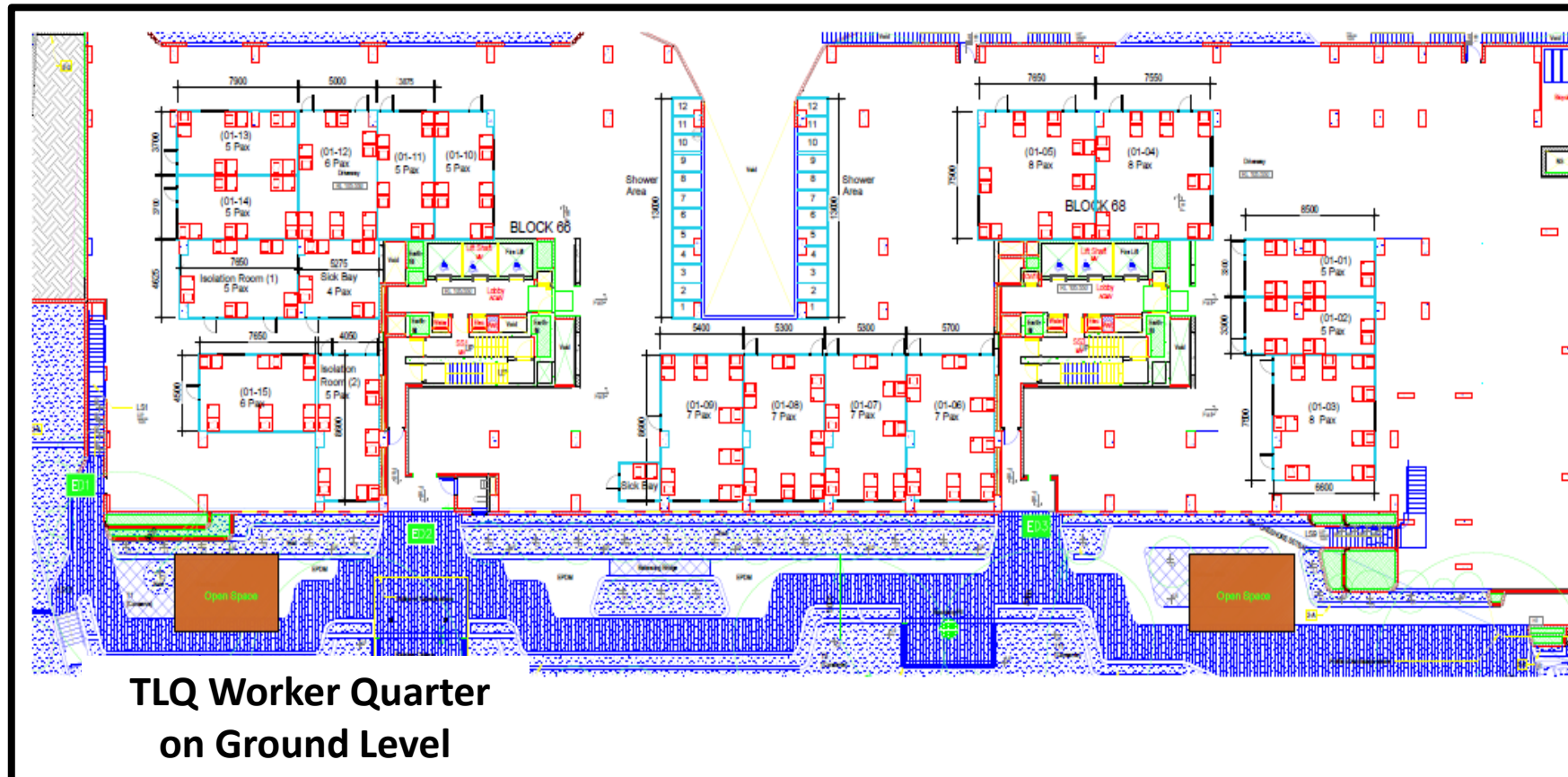




# GOOD PRACTISES TO MINIMISE WORK DISRUPTION

## Separate Entry Point for CTQ/TLQ & Work Site

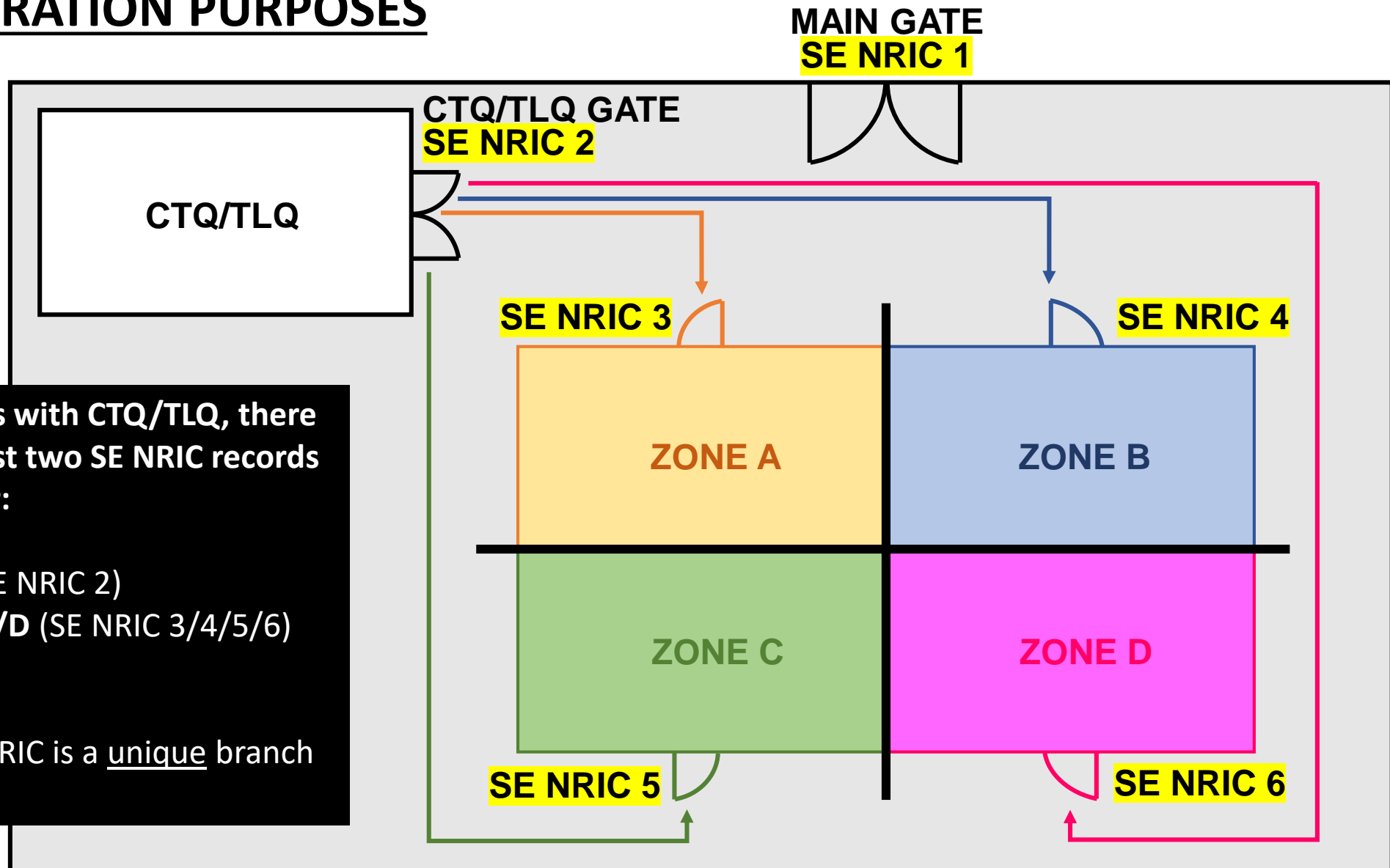
- Temporary Living Quarter (TLQ) is located on one level of the work site
- No physical segregation of access point and shares the same SafeEntry branch code as construction site
- **A separate SE NRIC system MUST be used to log workers' movement in/out of TLQ**



**No physical segregation  
between TLQ and Worksite**

# SEPARATE ENTRY POINT FOR CTQ/TLQ & WORKSITE

## FOR ILLUSTRATION PURPOSES



For Project Sites with CTQ/TLQ, there **MUST** be at least two SE NRIC records for each worker:

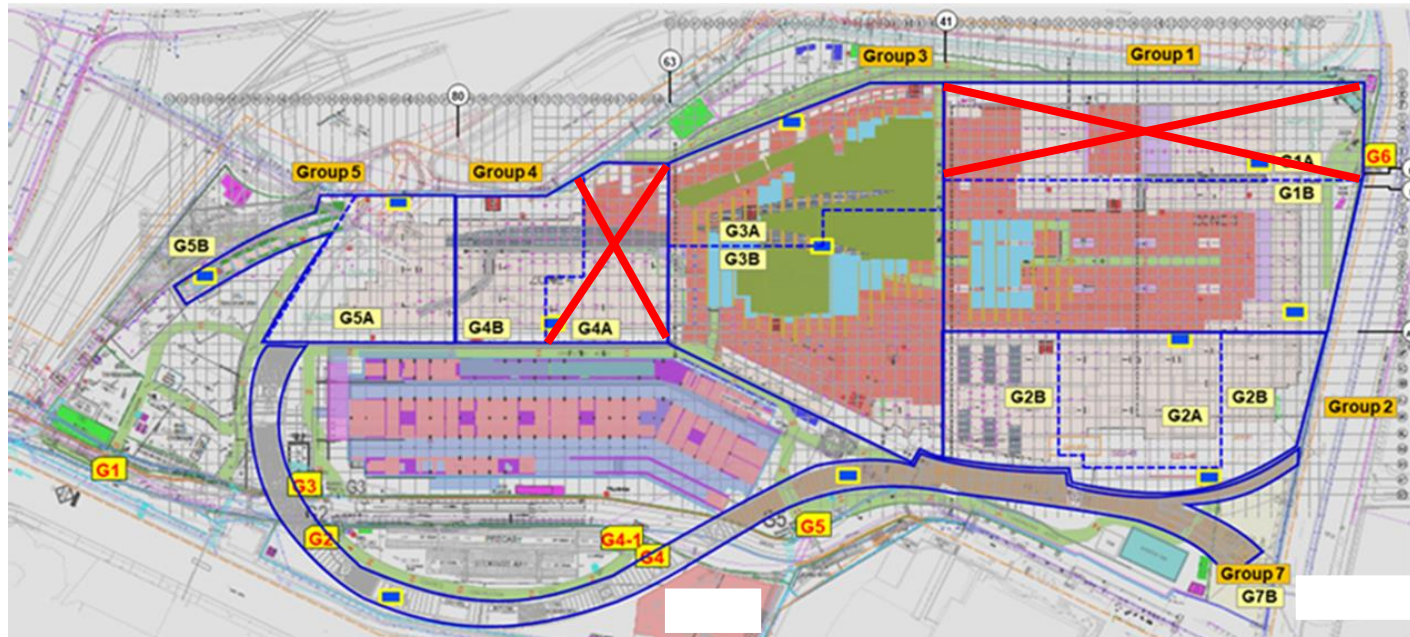
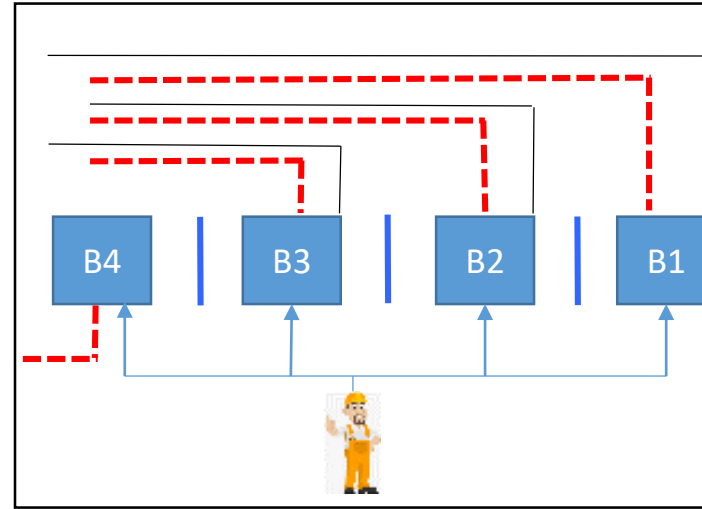
1. CTQ/TLQ (SE NRIC 2)
2. Zone A/B/C/D (SE NRIC 3/4/5/6)

Note: Each SE NRIC is a unique branch code.

# GOOD PRACTISES TO MINIMISE WORK DISRUPTION

## SafeEntry at Work Zone Level

- Each work zone within a site should have a different branch code for SafeEntry(NRIC)
  - Detect and prevent intermixing of workers
  - Specific work zones that C+ worker had visited can be quickly identified and ascertained
    - ✓ Minimise stop work disruptions only to specific work zones.





# SEPARATE ENTRY POINT FOR WORK ZONE LEVEL

## FOR ILLUSTRATION PURPOSES

SECONDARY  
GATE

SE NRIC 1

For Project Sites with >1 entrances, they may share the same branch code. Nonetheless, there should be at least two SE NRIC records for each worker:

1. Main/Secondary Gate (SE NRIC 1)
2. Zone A/B/C/D (SE NRIC 3/4/5/6)

Note: Each SE NRIC is a unique branch code.

MAIN GATE

SE NRIC 1

SE NRIC 2

ZONE A

SE NRIC 3

ZONE B

ZONE C

ZONE D

SE NRIC 4

SE NRIC 5

# COMMON MISTAKES IN RESTART APPLICATION

- Missing the branch code details for the SafeEntry NRIC in builder's first applications;
- Incomplete follow-up plan for Covid+ case (e.g. missing contact number);
- Forget to update the work zones/12 week schedule when submitting modifications;
- Insufficient Number of SDOs after addition of workers to the worksite

# COMMON MISTAKES IN RESTART APPLICATION

## Example: Nicely marked out in colour but Missing Branch Code

1. Please provide details used for SafeEntry NRIC Registration. 2. For all, please enter values that were input to these respective fields in SafeEntry NRIC when setup a business premise for the construction site / facility. 3. For DfMA facilities/RMC Plants/Aggregate Terminals , please select "Others" under Category and leave blank for "Project Name / Business Name" and "Project reference number". 4. Please provide the Branch code that has been generated by SafeEntry (NRIC) after signing up at https://www.safeentry.gov.sg								
UEN of the Company that Instruction register for SafeEntry NRIC								
Serial No	UEN	Category	Project Name / Business Name	Project reference	Postal Code	Street Address	Unit number	Branch Code
1	Purposely Block out in Black	Construction Site	Purposely Block out in Black		NA	Jalan Ayer Road	NA	NA
2		Construction Site			NA	Jalan Ayer Road	NA	NA
3		Construction Site			NA	Jalan Ayer Road	NA	NA
4		Construction Site			NA	Jalan Ayer Road	NA	NA
5		Construction Site			NA	Jalan Ayer Road	NA	NA
6		Construction Site			NA	Jalan Ayer Road	NA	NA
7		Construction Site			NA	Jalan Ayer Road	NA	NA
8		Construction Site			NA	Jalan Ayer Road	NA	NA
9		Construction Site			NA	Jalan Ayer Road	NA	NA
10		Construction Site			NA	Jalan Ayer Road	NA	NA
UEN of the Company that Instruction register for SafeEntry NRIC								
2. For all, please enter values that were input to these respective fields in SafeEntry NRIC when setup a business premise for the construction site / facility. 3. For DfMA facilities/RMC Plants/Aggregate Terminals , please leave blank for "Project Name".								
Serial No	UEN	Category	Project name	Project reference number	Postal Code	Street Address	Unit number	Branch Code
1	199608274W	Construction Site				MERCHANT LOOP		



# COMMON MISTAKES IN RESTART APPLICATION

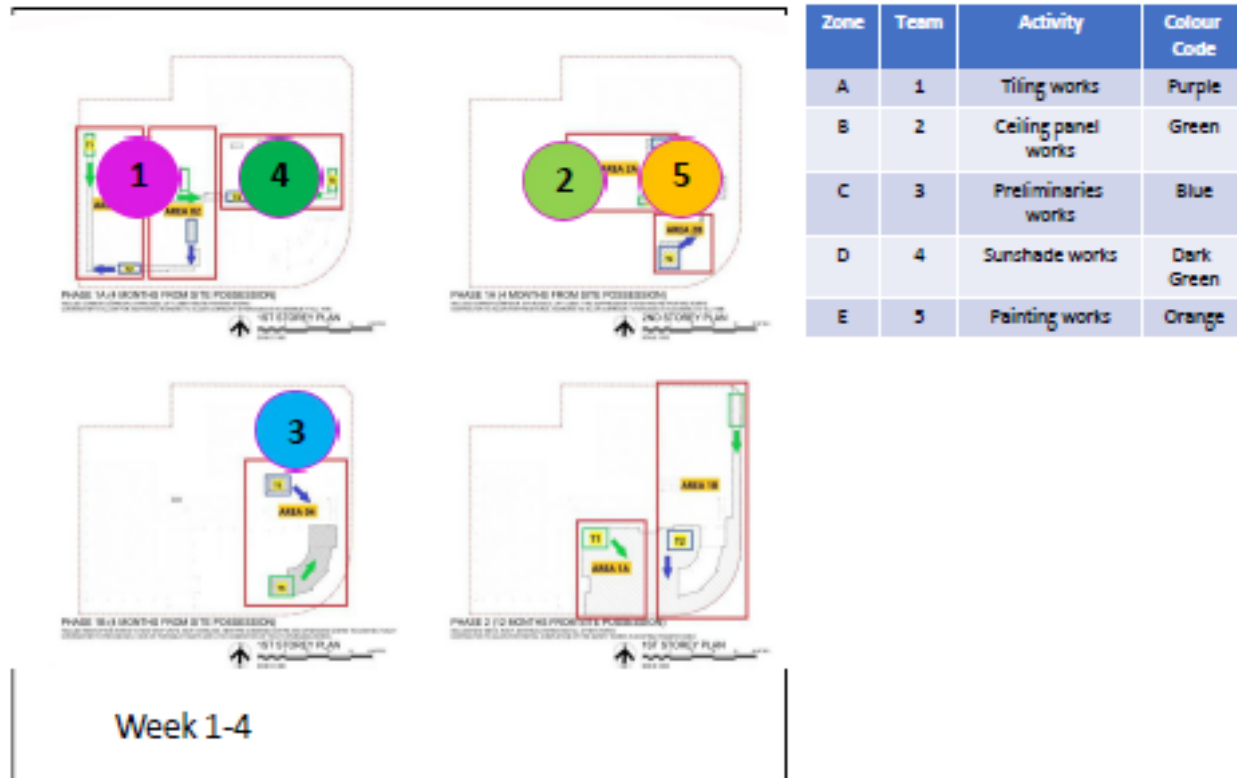
**Example:** Adequate drawing should be provided in SMM. Some submission just showed schematic with no actual site layout.

## Site Layout Plan-zoning/demarcation

### Instructions on filling the template to meet the Safe Worksite Criteria 9.1 & 9.3

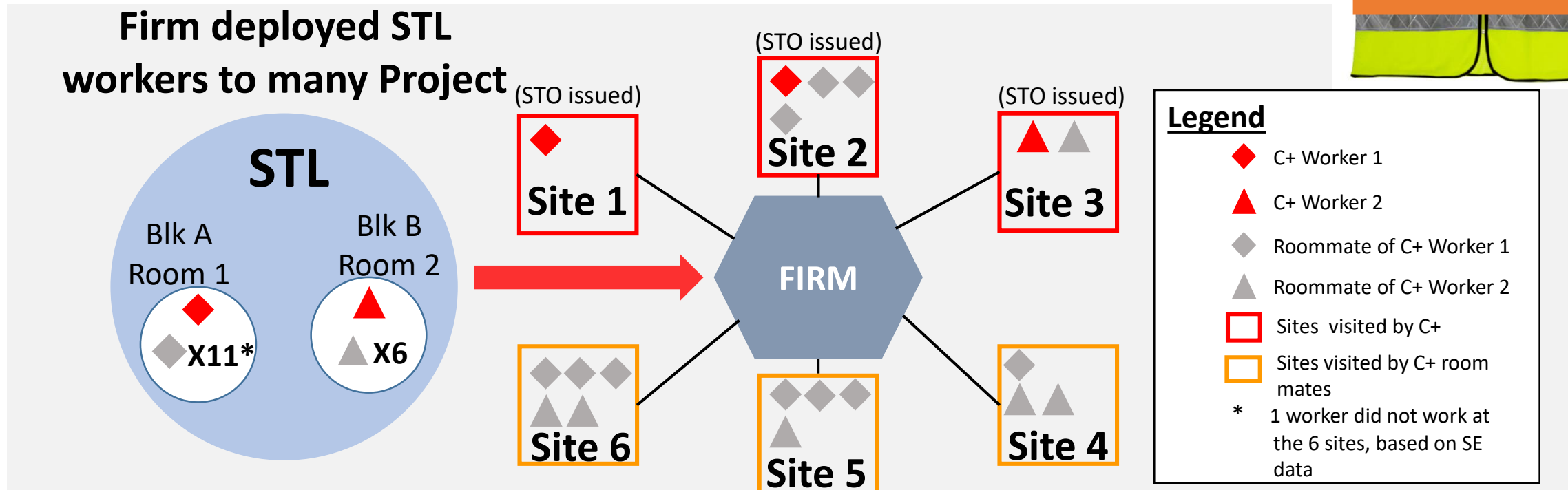
- a) For **Criteria 9.1**, the Builder must ensure each segregated team of workers to work within the designated zone and away from workers of other teams. Zones must be separated from each other by at least 2m within the same floor or level, or by floor level.
- b) For **Criteria 9.3**, the Builder is to demarcate clearly zones within the site, and assign visual identifiers (e.g. coloured vest, T-shirt, armband, stickers on helmets etc.) to each team of workers, to allow individuals to distance themselves from other teams.

Instruction : Layout plan and table to show the zones and the type of activities



# MITIGATING RISK FROM ROVING SUB-CONTRACTORS (RSC)

- RSC could visit multiple sites → infected C+ worker could potentially spread virus across different worksites
- To further mitigate the risk and safeguard the workforce at site, it is recommended to adopt the following good practices:
  - ✓ **Stronger Visual Identifiers** – indicative logos on vest/helmet that they belong to RSC
  - ✓ **Closer monitoring of RSC workers** operating on site
  - ✓ **Separate usage** of common facilities from main workforce
  - ✓ **Briefing** on enhanced SMM to RSC workers to reinforce responsibility



# CONCLUSION

- The industry generally practises good SMM at site and recognises the importance of good SMM in preventing C+ infection
- Builders should work closely with BCA to facilitate the lifting of STOs by:
  - ✓ Practising adequate and proper SMM on site
  - ✓ Providing prompt and complete responses
- Builders can ensure **minimal work site disruption and safeguard their workforce** by adopting the following good practices:
  - Utilising SE(NRIC) at work zone level
  - Separate entry points between CTQ/TLQ and construction site
  - Conducting toolbox meetings in smaller groups