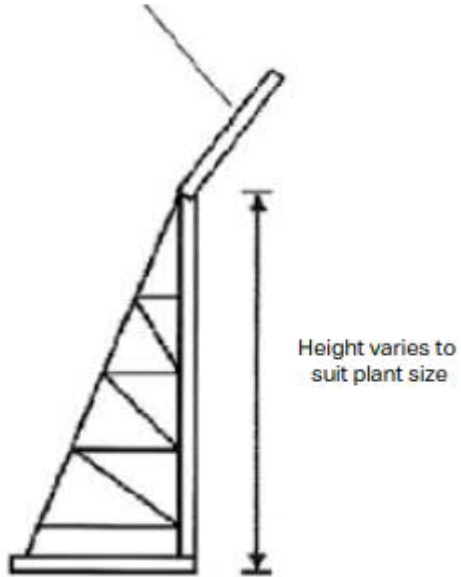


***Appendix 4.14
Typical Configuration of Noise Barrier
and Portable Noise Enclosure***

Appendix 4.14 – Typical Configuration of Noise Barrier and Portable Noise Enclosure

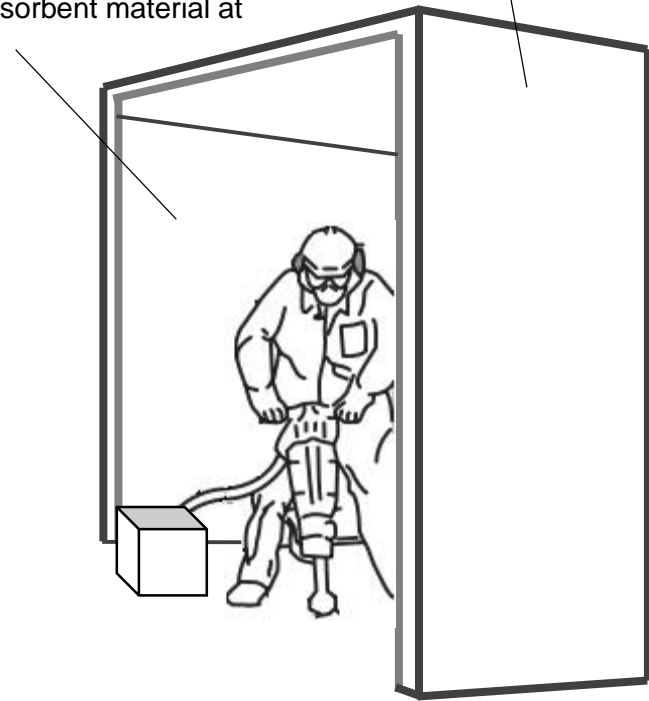
Minimum surface density of 7 kg/m²



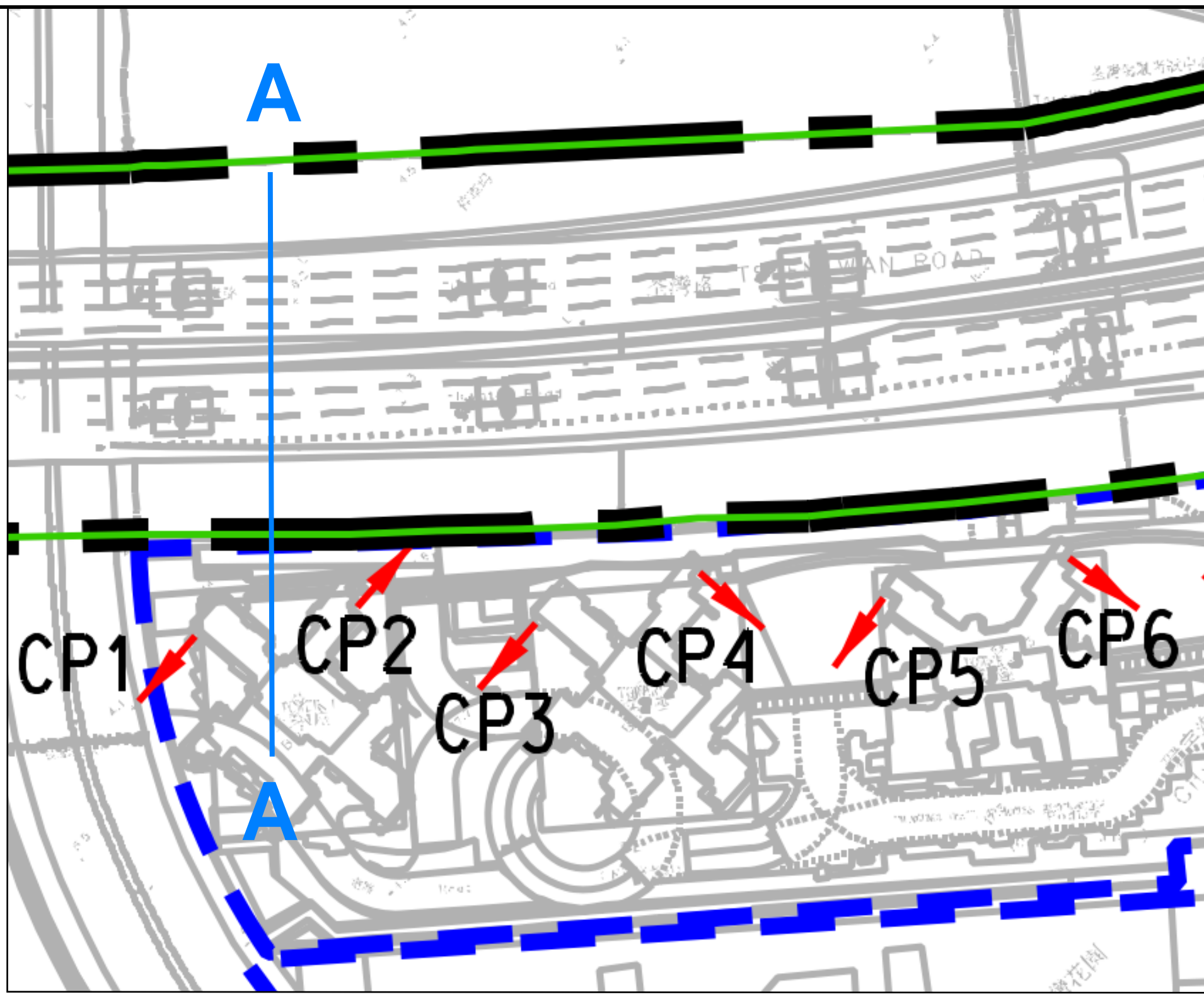
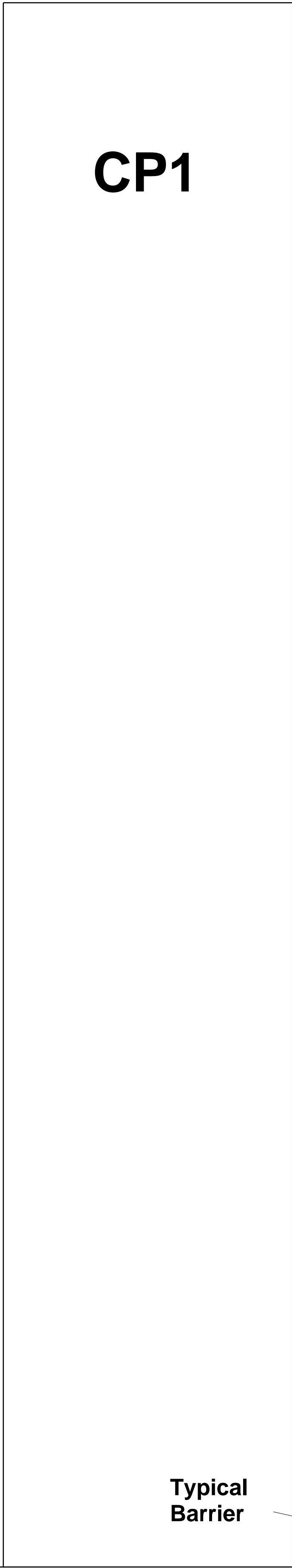
Typical Configuration of Noise Barrier (~3-5m high)

Minimum surface density of 7 kg/m²

Lined with sound absorbent material at the inner surfaces



Typical Configuration of Portable Noise Enclosure (~2m high)



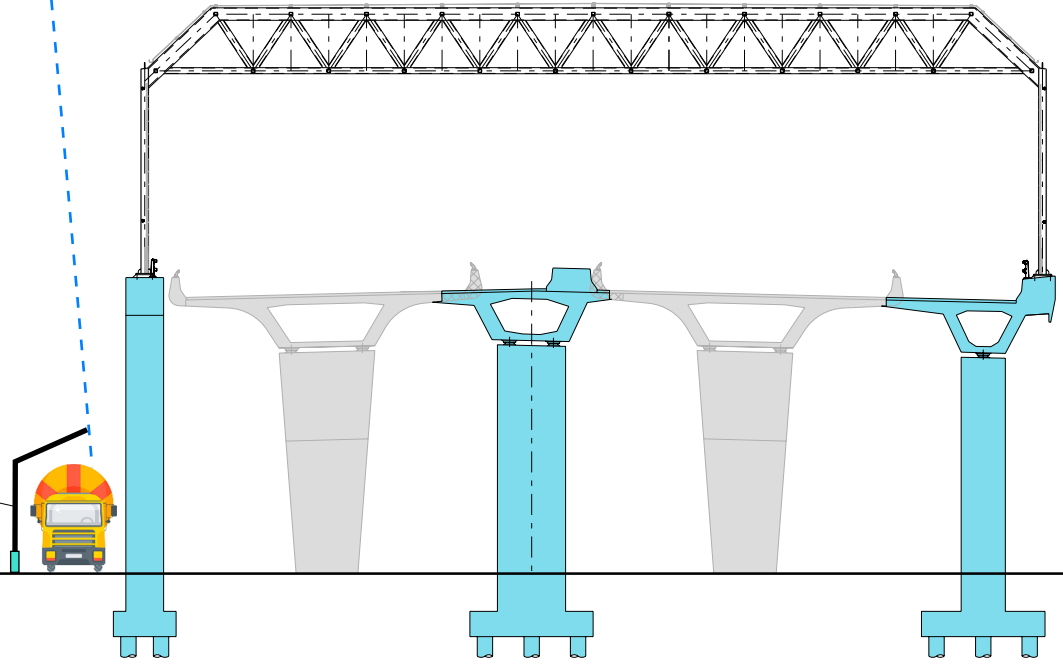
Note:

- (1) The barriers should be set up as close as possible to the operating PME or the noise source (e.g. Engine of the PME) and the height of the barrier should be sufficient to block the direct of sight between the noise source and the NSRs. The Contractor should adopt the type of barrier which could be easily installed and mobilized. The actual setup locations and the height of the barrier should be determined and detailed in the Construction Noise Management Plan (CNMP) to be developed by the Contractor(s) during construction stage. The requirements for the barrier material and installation should follow the guidelines provided in EPD website (https://www.epd.gov.hk/epd/misc/construction_noise/contents/index.php/en/tunneling-and-pipe-installation/item/157-construction-noise-barrier.html)
- (2) This typical arrangement is also applicable to other works area for this Project.
- (3) The length of the barrier will be with minimum of approximately 10m or longer subject to the size of the operating PME or the noise source (e.g. Engine of the PME).

LOT BOUNDARY

LOT BOUNDARY

Typical Barrier



(EXISTING CAR PARK)

Section A-A

ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK.

STATUS

SCALE

A1 1 : 100

DIMENSION UNIT

MILLIMETRES

KEY PLAN

PROJECT NO.

60607462

AGREEMENT NO.

CE61/2018(HY)

SHEET TITLE

TYPICAL ARRANGEMENT OF BARRIERS DURING CONSTRUCTION STAGE

SHEET NUMBER

60607462/R27/APPENDIX 4.14

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