

Date: 22 December 2017

**Subject: Ancillary Facilities Management Plan Revision 27 – Update for Southern Compound layout transition from Temporary to Permanent facility.**

## 1. Executive Summary

In order to commence the transition of the temporary facilities at the Southern Compound into the permanent operational facility, the site layout of the Southern Compound requires a minor adjustment, as described in section 2, below. This revised layout is provided in in Appendix B of the Ancillary Facilities Management Plan (AFMP).

In general, the transition from temporary to permanent facilities will include the progressive decommissioning of redundant structures, car parking areas, laydown areas, and large scale plant, which will occur in multiple stages at each permanent site, until completion of the Project construction. This will provide capacity for the construction of permanent physical elements where required. This transition will subsequently result in internal site layout changes and activities generally consistent with the site establishment phase for each site.

## 2. Description

The proposed works at the Southern Compound to enable to commencement of transition from construction to operation facilities includes the removal of existing hoarding and replacement with ATF fencing and noise blankets along the western property boundary and within the Project footprint (at approximately 1-2 metre offset to the west of the current hoarding alignment), to enable the construction of the permanent retaining wall in the location of the current hoarding.

The proposed changes for the Southern compound are included in Appendix B of the AFMP, and provided here in **Attachment A**.

## 3. Consultation

All proposed changes are to occur within the approved Southern Compound footprint, and no external impacts are anticipated. Adjacent receivers will be notified prior to the proposed changes being implemented to expand on previous consultation already undertaken in regards to the retaining wall, as part of the Urban Design and Landscape Plan.

Where required, ongoing consultation with affected or potentially affected residences will be carried out in accordance with the approved Community Communication Strategy (CCS) in place for the NorthConnex Project. The associated CCS also includes measures to manage any complaints or negative feedback that may be received as a result of the works being undertaken. Additionally, the Community Hotline and Project website will continue to be available as a tool for members of the community to contact the Project.

## 4. Compliance with Condition of Approval D51

An assessment against the CoA D51 is provided below for the proposed site layout adjustment and activities required for the decommission of temporary facilities and establishment of permanent facilities at the Southern Compound.

- (a) **a description of the ancillary facility (including a site layout plan), its components and details of the existing environment on and in the vicinity of the site;**

The ancillary facility will remain operating as a temporary construction facility, with the minor internal changes as described in Section 2 above, and demonstrated in **Attachment A**. All changes are within the approved

footprint for the Southern Compound. A description of the ancillary facility, its components and details of the surrounding environment are largely unchanged and are presented in the (AFMP).

**(b) details of the activities to be carried out at the facility, including the hours of operation, staging of operation and predicted date of commissioning;**

No changes to the overall timing and activities at this location. Proposed works are consistent with the site establishment phase at this location.

**(c) a description of the plant, equipment and materials to be used and/or stored on the site, including dangerous and hazardous goods;**

No new plant, equipment and materials are proposed, only more of the same permitted for use under the current approval, as currently described in the AFMP.

**(d) a summary of the potential environmental impacts associated with the construction and operation of the facility;**

This revision of the AFMP includes the removal of temporary hoarding that was established along the western boundary of the compound. The hoarding requires removal to enable the construction of the permanent retaining wall in the location of the hoarding. The hoarding was originally established to comply with the Revised Environmental Mitigation Measure (REMM) NV16 and to support site establishment works. Since the hoarding was originally established the site terrain has changed, enabling the establishment of an elevated hoarding to provide noise attenuation for out of hours tunnel support operations, haulage and road traffic noise along Pennant Hills Road. The site terrain and elevated hoarding creates a redundancy in the lower hoarding. To ensure compliance with REMM NV16 hoarding as noise blankets will be retained along the property boundary. The timber hoarding removal will also be staged to ensure it remains effective for as long as possible. Hoarding adjacent to the WTP will not be removed until the southern WTP has been decommissioned as the retaining wall works cannot start in this area until the WTP has been removed.

As the retaining wall construction progresses it will exceed the height of the noise blankets and the existing timber hoarding, hence relative impacts of hoarding being reduced to 1.8 m will be nullified. The retaining wall itself and the secondary hoarding will provide visual screening for the majority of work within the southern compound. Workers will be toolboxed to ensure meetings and breaks are carried out in appropriate locations.

The proposed change is limited to the alteration of the site layout within the Project footprint of the compound to commence transition from temporary construction facility to permanent operational facility, in accordance with the Project approval. Activities to be undertaken for this transition are consistent with those for the site establishment phase of works. All works will be undertaken in accordance with the CEMP and associated management plans. The proposed activities and operation of the office facility, WTP and laydown area are consistent with the current use of the Compound.

The demolition and construction activities are consistent with the approved works undertaken for the Southern Compound site establishment phase in the AFMP and works are not proposed to be undertaken outside standard construction hours.

**(e) details of the mitigation, monitoring and management procedures specific to the facility that would be implemented to minimise environmental and amenity impacts or, where this is not possible, feasible and reasonable measures to offset these impacts;**

New ATF fencing with noise blankets is proposed as a mitigation measure for the removal of the noise hoarding.

The existing noise walls shielding residents from haulage on site and operation and traffic noise from Pennant Hills Road will remain unaffected by the changes. The retaining wall will quickly go above the height of the temporary noise wall; hence relative impacts of replacement of hoarding with the ATF fencing and noise curtains will be nullified. Sections of the retaining wall will be constructed in a staged approach, thus

limiting impacts at any one time and edges of the wall go up in advance of soil placement behind the wall panels, hence providing some shielding to residents.

Mitigation, monitoring and management actions in relation to the proposed amendment will involve the implementation of the current Noise and Vibration Management Plan, Soil and Water Management Plan and Air Quality Management Plan. These sub plans all contain mitigation measures that are suitable to minimise the predicted impacts.

- (f) **a description of how the management and mitigation measures set out in the documents listed in condition A2 will be implemented on the site, and if not, justification for any departures from those management and mitigation measures;**

Management measures will be implemented as per the existing approved AFMP and Construction Environmental Management Plan (CEMP) with associated sub plans. All proposed works are consistent with the approved project and the intent for this location to become a permanent operational facility.

- (g) **identification of the timing for the completion of site establishment activities at the facility and how the site will be decommissioned (including any necessary rehabilitation); and**

Site establishment is complete. The works are required as the first of multiple stages for the facility to transition from temporary construction facility to permanent operational facility. The retaining wall will be built over a period of approximately 12 months however its construction will be staged and segmented into approximately four sections. Each section will take approximately three months to build. Some sections will be built concurrently.

- (h) **mechanisms for the monitoring, review and amendment of this plan.**

The proposed amendment does not change the details from that detailed in the currently approved AFMP. Please refer to the currently approved Table 3-1 within the AFMP that responds to these points. **Attachment A – Site Diagram** details the site layout changes.

Yours Sincerely

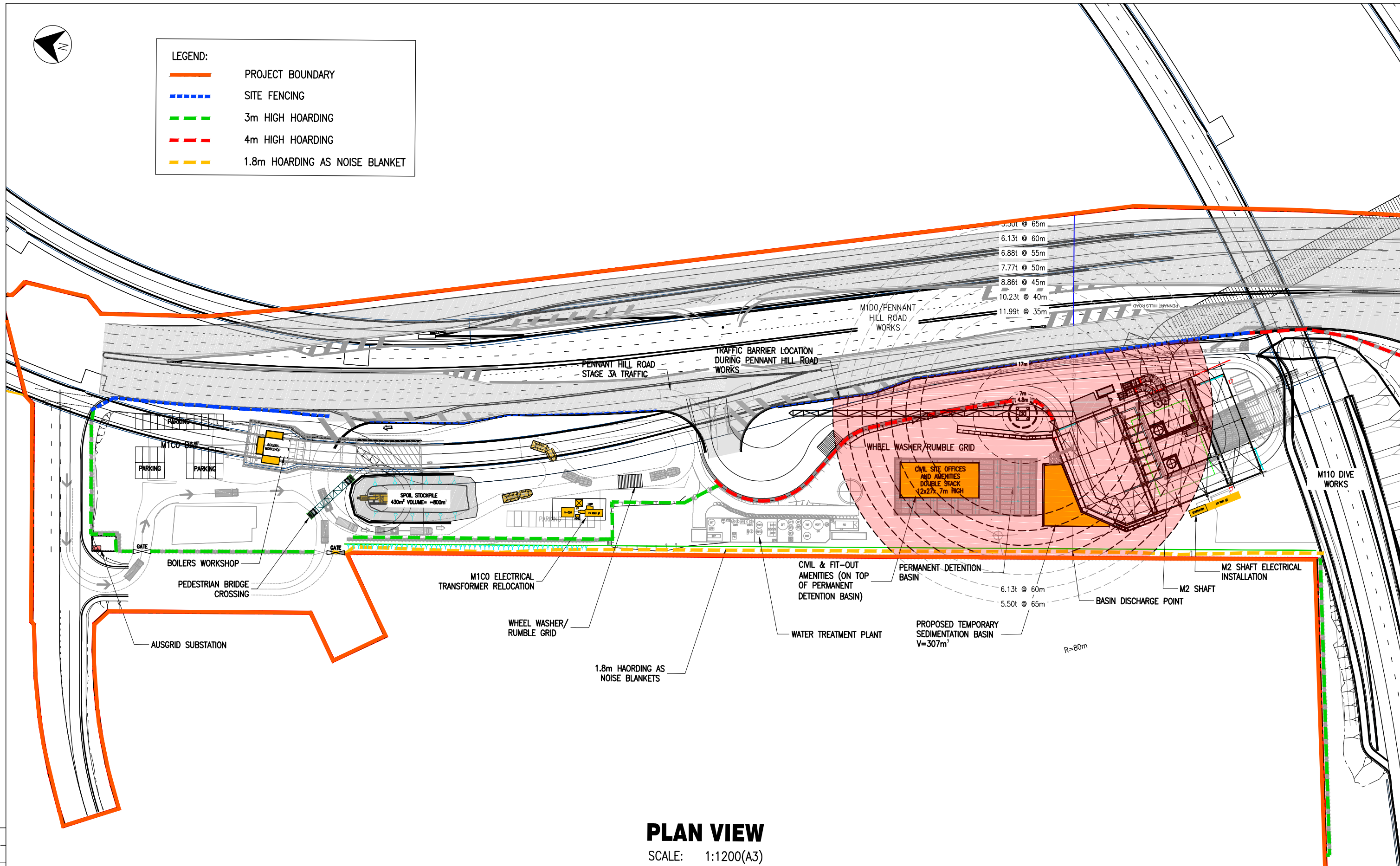
Grant Sainsbery  
Environment and Sustainability Director

Attachments: Attachment A – Site Diagram

## Attachment A – Site Diagram



LEGEND:	
	PROJECT BOUNDARY
	SITE FENCING
	3m HIGH HOARDING
	4m HIGH HOARDING
	1.8m HOARDING AS NOISE BLANKET



**PLAN VIEW**  
SCALE: 1:1200(A3)

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED  
150mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME S:\400B Engineering\451B Methods\04_NCX_Southern Interchange\1_Working\NCX-LLB-02-0100-MD-DG-0242-01J-PRE_SOUTHERN INTERCHANGE - Civil & Building Works - Site Installation.dwg		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING -		PLOT DATE / TIME: 15/11/2017 1:59:57 PM		PLOT BY: GONZALEZ, Mathieu		CLIENT <b>NorthConnex</b> Building for the future		Project Originator Zone Section Discipline Type Drg No NCX - LLB - 02 - 0100 - MD - DG - 0242 A3			
EXTERNAL REFERENCE FILES xxxxxx		REV DATE AMENDMENT / REVISION DESCRIPTION WVR No. APPROVAL		SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE NAME DATE		LOCALITY-COUNCIL AREA NAME ROAD_NUMBER ROAD_NAME SOUTHERN INTERCHANGE CIVIL & BUILDING WORKS SITE INSTALLATION			
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		CO-ORDINATE SYSTEM MGA ZONE 56 HEIGHT DATUM AHD		-		-		-		Safety-in-Design risks are addressed at a conceptual level in this document. For more details, refer to specific safety documentation or dedicated drawings.			