

Sydney Metro Network Stage 1 (CBD Metro)

Environmental Assessment

Appendix E

Reference Design

Manidis Roberts SKM											
						Central	Town Hall Square	Martin Place	Barangaroo-Wynyard	Pyrmont	Rozelle

CBD Metro

Appendix E - Reference Design

Date: August 2009 Status: Final



Preface

The station design options presented in this part of the Environmental Assessment have been the subject of an ongoing design development process and stakeholder/community consultation that has involved the iterative development of design options to respond to particular issues and constraints at each location. The resulting station designs are referred to as the Reference Design. It is important to note that some station elements, in particular station entrance locations, may change as a result of design development and feedback from the station master plans (which are concurrently exhibited with this Environmental Assessment).

The key purposes of the Reference Design are as follows:

- To enable Sydney Metro to confirm that the proposed performance and technical requirements can be achieved from a technical perspective.
- To enable Sydney Metro to validate the feasibility and methodology of the required construction.
- To assist Sydney Metro in the identification of key risks/ constraints and environmental assessment issues.

Therefore, the Reference Design is a demonstration that Sydney Metro's design and technical requirements for the stations can be achieved from a technical perspective, and does not mandate a particular station design for the CBD Metro project. The final station designs for the CBD Metro may, consequently, differ from the Reference Design.



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Central Station		Barangaroo-Wynyard Station		
Central Station key / staging plan	CBD-2100-RD-0100-AR-0001	Barangaroo-Wynyard Station location plan	CBD-2100-RD-0400-AR-0100	
Central Station location plan upper street level	CBD-2100-RD-0100-AR-0100	Barangaroo-Wynyard Station street and link level plan	CBD-2100-RD-0400-AR-0200	
Central Station location plan lower street level	CBD-2100-RD-0100-AR-0101	Barangaroo-Wynyard Station mezzanine and platform level plan	CBD-2100-RD-0400-AR-0210	
Central Station overall sections sheet 1	CBD-2100-RD-0100-AR-0300	Barangaroo-Wynyard Station sections	CBD-2100-RD-0400-AR-0301	
Central Station overall sections sheet 2	CBD-2100-RD-0100-AR-0301	Barangaroo-Wynyard Station sections	CBD-2100-RD-0400-AR-0300	
Town Hall Square Station		Barangaroo Pedestrian Link		
Town Hall Square Station location plan	CBD-2100-RD-0200-AR-0100	Surface Plan	CBD-2100-RD-0900-AR-0100	
Town Hall Square Station street level plan	CBD-2100-RD-0200-AR-0200	Barangaroo Pedestrian Link sub-surface location plan	CBD-2100-RD-0900-AR-0101	
Town Hall Square Station concourse level plan	CBD-2100-RD-0200-AR-0210	Barangaroo Pedestrian Link section A-A – along Margaret Street	CBD-2100-RD-0900-AR-0300	
Town Hall Square Station concourse and service plans	CBD-2100-RD-0200-AR-0211	Barangaroo Pedestrian Link surface plan – Westpac Plaza	CBD-2100-RD-0900-AR-1120	
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Martin Place Station location plan	CBD-2100-RD-0300-AR-0100	Barangaroo Pedestrian Link section A – detail 3	CBD-2100-RD-0900-AR-1132	
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Martin Place Station sections	CBD-2100-RD-0300-AR-0300			
Martin Place Station elevations	CBD-2100-RD-0300-AR-0310			



DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER
Barangaroo Pedestrian Link sub-surface plan – Kent & Clarence Street	CBD-2100-RD-0900-AR-2121	Pyrmont Station zone 2 – service building and entry 01 plans roof and plant level plans	CBD-2100-RD-0500-AR-2120
Barangaroo Pedestrian Link cross sections	CBD-2100-RD-0900-AR-2130	Pyrmont Station zone 2 – entry level plan	CBD-2100-RD-0500-AR-2121
Barangaroo Pedestrian Link cross sections	CBD-2100-RD-0900-AR-2131	Pyrmont Station zone 2 – service building 02 landing and plant level plans	CBD-2100-RD-0500-AR-2122
Barangaroo Pedestrian Link typical tunnel section cut & cover construction	CBD-2100-RD-0900-AR-3130	Pyrmont Station zone 2 – service building 02 landing and plant level 01 and street level plans	CBD-2100-RD-0500-AR-2123
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Barangaroo Pedestrian Link pedestrian bridge cross section, part elevation	CBD-2100-RD-0900-AR-3231	Pyrmont Station zone 4 –cavern mezzanine and platform level plans	CBD-2100-RD-0500-AR-4120
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Pyrmont Station street level plan	CBD-2100-RD-0500-AR-0200	Pyrmont Station street level plan alternative scheme	CBD-2100-29-0500-AR-0200
Pyrmont Station landing and plant level plans	CBD-2100-RD-0500-AR-0210	Pyrmont Station shallow concourse and plant level plans alternative scheme	CBD-2100-29-0500-AR-0210
Pyrmont Station mezzanine level and platform level plans	CBD-2100-RD-0500-AR-0220	Pyrmont Station mezzanine level and platform level plans alternative scheme	CBD-2100-29-0500-AR-0220
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Pyrmont Station zone 1 – cross sections	CBD-2100-RD-0500-AR-1131		



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Rozelle Station first floor level plan street level plan	CBD-2100-RD-0700-AR-0210	Rozelle depot car building – sections & elevations	CBD-2100-RD-0800-AR-3130
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Rozelle Station platform level plan sub platform level plan	CBD-2100-RD-0700-AR-0240	Rozelle depot electrical servicing building – sections & elevations	CBD-2100-RD-0800-AR-4130
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