## **Document Issue Register**

Structural Civil Traffic Facade

## Sandstone Building Structural Engineering Consultancy Bridge Street, Sydney

Taylor Thomson Whitting REVIEW

DAY	06	19	31	17	31	21
MONTH						
YEAR	17	17	18	18	18	18

TITLE	DRG No.	LAST ISSUE	RE	EVI	SIO	N N	lo.	
NOTES COVER SHEET	SP-ST-E-S0001	G	Α	А	Е		F	G
LOWER GROUND TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0101	0	А	Α	М	Ν		0
GROUND FLOOR TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0102	0	А	А	М	Ν		0
LEVEL 1 TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0103	0	А	А	М	Ν		0
LEVEL 2 TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0104	0	А	А	М	Ν		0
LEVEL 3 TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0105	0	А	А	М	Ν		0
LEVEL 4 TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0106	0	А	А	М	Ν		0
LEVEL 5 INDICATIVE TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0107	0	А	A	м	N		0
LEVEL 6 TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0108	0	А	Α	L	М		0
LEVEL 7 TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0109	I			F	G		Ι
LEVEL 8 TEMPORARY WORKS / DEMOLITION PLAN	SP-ST-E-S0110	В						В
TEMPORARY WORKS / DEMOLITION ELEVATIONS	SP-ST-E-S0111	G	А	А		С		G
TEMPORARY WORKS / DEMOLITION ELEVATIONS	SP-ST-E-S0112	н	А	А		С		Н
TEMPORARY WORKS / DEMOLITION ELEVATIONS	SP-ST-E-S0113	F				А		F
TEMPORARY WORKS / DEMOLITION ELEVATIONS	SP-ST-E-S0114	Α				А		А
TEMPORARY WORKS / DEMOLITION DETAILS	SP-ST-E-S0121	G	А	А		С		G
TEMPORARY WORKS / FOOTING DETAILS	SP-ST-E-S0125	В						В
TEMPORARY WORKS / STEELWORK DETAILS	SP-ST-E-S0131	D				В		D
TEMPORARY WORKS / STEELWORK DETAILS	SP-ST-E-S0132	D				В		D
TEMPORARY WORKS / STEELWORK DETAILS	SP-ST-E-S0133	С				А		С
TEMPORARY WORKS / STEELWORK DETAILS	SP-ST-E-S0134	В						в
TEMPORARY WORKS / STEELWORK DETAILS	SP-ST-E-S0135	С						С
TEMPORARY WORKS / STEELWORK DETAILS	SP-ST-E-S0138	В						в
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A APPROVAL C CONSTRUCTION R REVISION P PRELIMINARY O OUTLINE	S		Р	Т	Т	Т	Т	Т

INFORMATION Co CO-ORDINATION T TENDER FT FORMWORK TENDER S COSTING N CONTRACT SIGNING B AS BUILT DRAWINGS CC CONSTR. CERT.

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Structural Civil Traffic Facade

#### Sandstone Building Structural Engineering Consultancy DAY 06 19 31 16 17 31 07 21 MONTH 03 **Bridge Street, Sydney** 05 07 08 08 08 09 09 YEAR 17 17 18 18 18 18 18 18

Taylor Thomson Whitting

TEMPORARY WORKS / STEELWORK DETAILSTEMPORARY DEMOLTION STAGING WORKSTEMPORARY DEMOLTION STAGING WORKSFOOTING PLANFOOTING DETAILSFOOTING DETAILSSHOTCRETE WALL ELEVATIONSCOLUMN SCHEDULECOLUMN SCHEDULECOLUMN STRENGTHENING SCHEDULE AND DETAILSR.C. WALL ELEVATIONSR.C. WALL DETAILSMASONRY WALL DETAILSSTAIR KEY DIAGRAMSTYPICAL STAIR DETAILSBASEMENT 3 OUTLINE PLANBASEMENT 1 OUTLINE PLANBASEMENT 2 OUTLINE PLANBASEMENT 1 OUTLINE PLAN	SP-ST-E-S0139           SP-ST-E-S0141           SP-ST-E-S0142           SP-ST-E-S0143           SP-ST-E-S0144           SP-ST-E-S0145           SP-ST-E-S0146           SP-ST-E-S0147           SP-ST-E-S0148           SP-ST-E-S0149           SP-ST-E-S0141           SP-ST-E-S0211           SP-ST-E-S0212           SP-ST-E-S0213           SP-ST-E-S0301           SP-ST-E-S0302           SP-ST-E-S0311           SP-ST-E-S0321           SP-ST-E-S0321           SP-ST-E-S0401           SP-ST-E-S0402           SP-ST-E-S0403           SP-ST-E-S0404	B D D A A A A D D E E C C C	A	A	E C C	F	B B B	D	
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COLUMN SCHEDULE	SP-ST-E-S0302           SP-ST-E-S0311           SP-ST-E-S0321           SP-ST-E-S0401           SP-ST-E-S0402           SP-ST-E-S0403	D C C D			-			D	E
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BASEMENT 3 OUTLINE PLAN BASEMENT 3 - SECTIONS & DETAILS BASEMENT 2 OUTLINE PLAN BASEMENT 1 OUTLINE PLAN	SP-ST-E-S0501	С			С				-
BASEMENT 3 - SECTIONS & DETAILS BASEMENT 2 OUTLINE PLAN BASEMENT 1 OUTLINE PLAN	SP-ST-E-S0511	С			С				$\neg$
BASEMENT 2 OUTLINE PLAN BASEMENT 1 OUTLINE PLAN	SP-ST-E-S0601	G	А	А	Е			F	G
BASEMENT 1 OUTLINE PLAN	SP-ST-E-S0611	D			С			D	
	SP-ST-E-S0701	F	А	А	E			F	$\neg$
	SP-ST-E-S0801	F	А	А	E			F	$\top$
LOWER GROUND OUTLINE PLAN	SP-ST-E-S0901	G	А	А	E			F	G
GROUND OUTLINE PLAN	SP-ST-E-S1001	G	А	А	E			F	G
LEVEL 1 OUTLINE PLAN	SP-ST-E-S1101	F	А	А	E			F	
LEVEL 2 OUTLINE PLAN	SP-ST-E-S1201	F	А	А	Е			F	+
LEVEL 3 OUTLINE PLAN	SP-ST-E-S1301	F	А	А	E			F	+
LEVEL 4 OUTLINE PLAN	SP-ST-E-S1401	F	А	А	E			F	+
LEVEL 5 LOWER OUTLINE PLAN	SP-ST-E-S1501	G	А	А	Е			F	G
LEVEL 5 UPPER OUTLINE PLAN	SP-ST-E-S1502	В	А	А	Α			В	
POOL ELEVATIONS	SP-ST-E-S1505	D			С			D	+
LEVEL 6 OUTLINE PLAN	SP-ST-E-S1601	F	А	А	E			F	+
LEVEL 7 OUTLINE PLAN	SP-ST-E-S1701	F	А	А	E			F	
LEVEL 8 OUTLINE PLAN	SP-ST-E-S1801	F	-	А	_			F	$\uparrow$
LEVEL 9 OUTLINE PLAN	SP-ST-E-S1901	F	_	А	_			F	十
ROOF OUTLINE PLAN	SP-ST-E-S2001	F	-	_	E			F	$\uparrow$
BASEMENT 2 TO ROOF SECTIONS	SP-ST-E-S2101	Е	l		С			D	E
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Job Number: 151903

### Sandstone Building Structural Engineering Consultancy DAY MONTH **Bridge Street, Sydney**

Taylor Thomson Whitting

TITLE	DRG No.	LAST ISSUE			NN	۱o.	
BASEMENT 2 TO ROOF SECTIONS	SP-ST-E-S2102	D			С	D	
BASEMENT 2 TO ROOF SECTIONS	SP-ST-E-S2103	D			С	D	
BASEMENT 2 TO ROOF SECTIONS	SP-ST-E-S2104	D			С	D	
BASEMENT 2 TO ROOF SECTIONS	SP-ST-E-S2105	В			А	В	
LOWER GROUND TO LEVEL 6 TYPICAL DETAILS	SP-ST-E-S2111	С			А	В	С
TYPICAL STEELWORK ELEVATIONS AND DETAILS	SP-ST-E-S2151	С			А		С
TYPICAL STEELWORK ELEVATIONS AND DETAILS	SP-ST-E-S2152	Α			А		
FOUNDATIONS/COLUMNS LOADING DIAGRAM	SP-ST-E-S2201						
BASEMENT 03 LOADING DIAGRAM	SP-ST-E-S2202	D			С	D	
BASEMENT 02 LOADING DIAGRAM	SP-ST-E-S2203	D			С	D	
BASEMENT 01 LOADING DIAGRAM	SP-ST-E-S2204	D			С	D	
LOWER GROUND LOADING DIAGRAM	SP-ST-E-S2205	D			С	D	
GROUND LOADING DIAGRAM	SP-ST-E-S2206	D			С	D	
LEVEL 1 LOADING DIAGRAM	SP-ST-E-S2207	D			С	D	
LEVEL 2 LOADING DIAGRAM	SP-ST-E-S2208	D			С	D	
LEVEL 3 LOADING DIAGRAM	SP-ST-E-S2209	D			С	D	
LEVEL 4 LOADING DIAGRAM	SP-ST-E-S2210	D			С	D	
LEVEL 5 LOADING DIAGRAM	SP-ST-E-S2211	D			С	D	
LEVEL 6 LOADING DIAGRAM	SP-ST-E-S2212	D			С	D	
LEVEL 7 LOADING DIAGRAM	SP-ST-E-S2213	С			С		
LEVEL 8 LOADING DIAGRAM	SP-ST-E-S2214	С			С		
LEVEL 9 LOADING DIAGRAM	SP-ST-E-S2215	С			С		
ROOF LOADING DIAGRAM	SP-ST-E-S2216	С			С		
ROOF STEEL MARKING PLAN	SP-ST-E-S2301	D			С	D	
ROOF STEEL ELEVATIONS	SP-ST-E-S2311	D			С	D	
ROOF STEEL DETAILS	SP-ST-E-S2321						
COURTYARD TRUSS ELEVATIONS & DETAILS	SP-ST-E-S2331						

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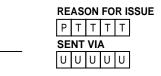
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Structural Civil Traffic Facade

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	SP-ST-E-S2208	D		С	D	
	SP-ST-E-S2209	D		С	D	
	SP-ST-E-S2210	D		С	D	
	SP-ST-E-S2211	D		С	D	
	SP-ST-E-S2212	D		С	D	
	SP-ST-E-S2213	С		С		
	SP-ST-E-S2214	С		С		
	SP-ST-E-S2215	С		С		
	SP-ST-E-S2216	С		С		
	SP-ST-E-S2301	D		С	D	
	SP-ST-E-S2311	D		С	D	
	SP-ST-E-S2321					
& DETAILS	SP-ST-E-S2331					

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### Sandstone Building Structural Engineering Consultancy DAY MONTH **Bridge Street, Sydney** YEAR

Taylor Thomson Whitting

TITLE	DRG No.	LAST ISSUE
LOWER GROUND MEZZANINE LOADING DIAGRAM	SP-ST-L-S2003	
GROUND FLOOR LOADING DIAGRAM	SP-ST-L-S2004	
LEVEL 1 LOADING DIAGRAM	SP-ST-L-S2005	
LEVEL 2 LOADING DIAGRAM	SP-ST-L-S2006	
LEVEL 3 LOADING DIAGRAM	SP-ST-L-S2007	
CLOCK TOWER LOADING DIAGRAM	SP-ST-L-S2008	
CHAMBER SUBSTATION SHORING PLAN	SP-ST-S-S0101	
SHORING ELEVATIONS	SP-ST-S-S0105	
CHAMBER SUBSTATION LOWER GROUND OUTLINE PLAN	SP-ST-S-S0201	
CHAMBER SUBSTATION GROUND OUTLINE PLAN	SP-ST-S-S0301	

A APPROVAL C CONSTRUCTION R REVISION P PRELIMINARY O OUTLINES INFORMATION CO CO-ORDINATION T TENDER FT FORMWORK TENDER S COSTING N CONTRACT SIGNING B AS BUILT DRAWINGS CC CONSTR. CERT.

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# **Document Issue Register**

Structural Civil Traffic Facade

**REASON FOR ISSUE** 

SENT VIA



Structural Civil Traffic Facade Certificate

McKenzie Group Level 6 189 Kent St Sydney NSW 2000 28 September 2018

Attention: A Brohier

## Sandstone Precinct – Education Building

## MOD 3 to Stage 2 DA - Structural Certificate

### Dear Andrew,

We certify that we have designed the structural works to the Education Building as shown on the attached drawings in accordance with the following Australian Standards:

- AS 3600-2009 Concrete Structures
- AS 4100-1998 Steel Structures
- AS 3700-2011 Masonry Structures

And the structures will carry the relevant loads specified in

AS 1170.0-2002 Structural design actions – General principles

AS 1170.1-2002 Structural design actions - Permanent, imposed and other actions

- AS 1170.2-2011 Structural design actions Wind actions
- AS 1170.4-2007 Structural design actions Earthquake actions in Australia

without impacting the structural integrity of the buildings.

This certificate includes the existing building fabric including the existing external façades.

## Yours faithfully TAYLOR THOMSON WHITTING (NSW) PTY LTD

M. Royers.

Martin Rogers BSc(Hons), MIEAust, CPEng, NER APEC Engineer IntPE(Aus) Technical Director

P:\2015\1519\151903\Certificates\180621 CC1 Demolition Structural Design Certificate.docx