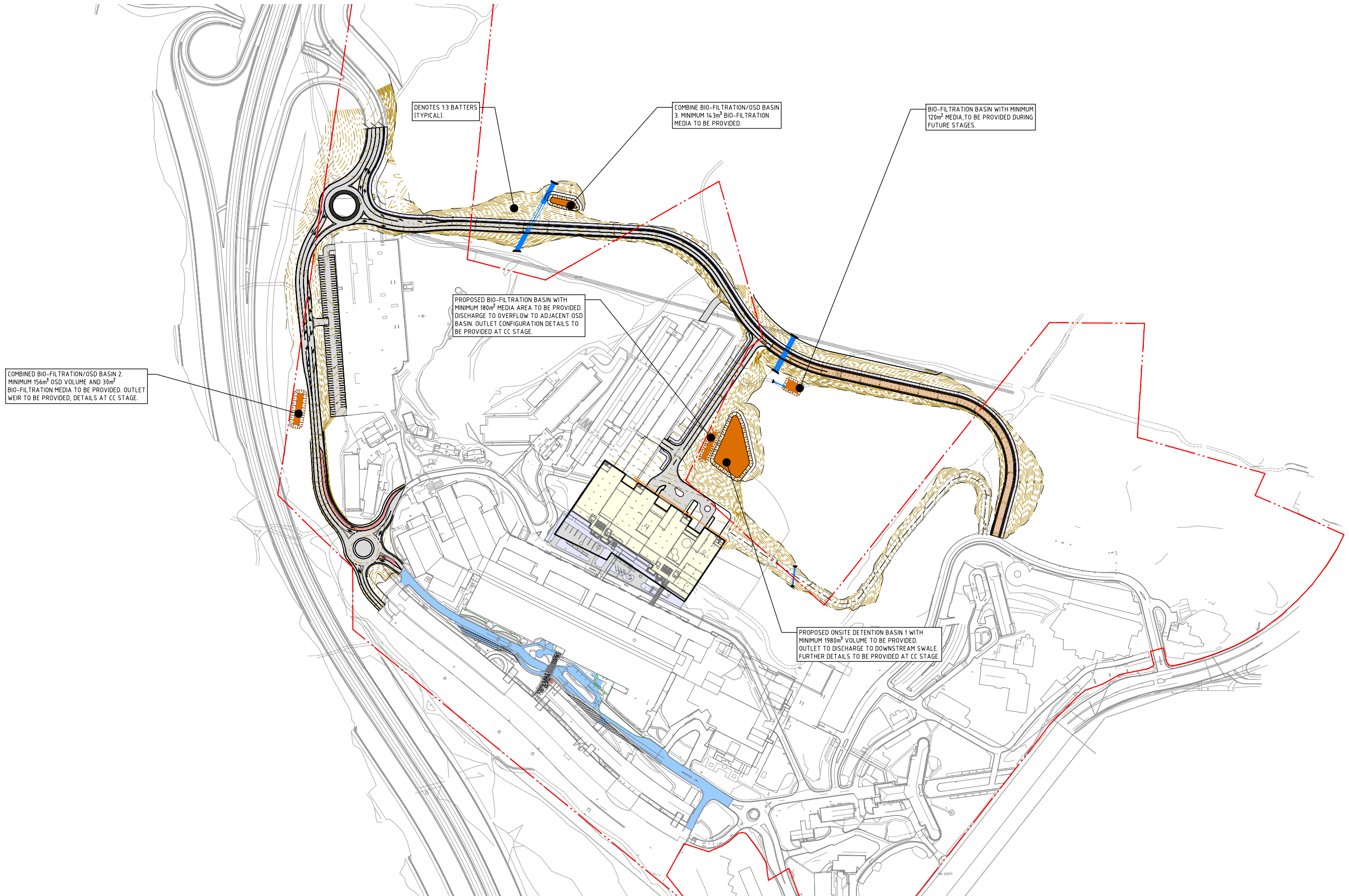


DRAWN: L STEEL
DESIGNED: S SPURR
JOB MANAGER: C SMITH
VERIFIER: C SMITH



REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	ISSUED FOR DRAFT REVIEW	LS		CS	30.09.20
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3	ISSUED FOR SCHEMATIC DESIGN	LS		CS	29.01.21
4	ISSUED FOR DRAFT SSDA	LS		CS	25.02.21
5	ISSUED FOR DRAFT SSDA	LS		CS	09.03.21
6	ISSUED FOR SSDA	LS		CS	31.03.21



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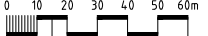


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SCALE 1:1250 @ A1





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PROJECT

JOHN HUNTER HOSPITAL
AND INNOVATION PRECINCT
LOOKOUT ROAD, NEW
LAMBTON HEIGHTS N.S.W

DRAWING TITLE

CIVIL ENGINEERING PACKAGE
CIVIL WORKS
ARRANGEMENT PLAN

JOB NUMBER

NL191366

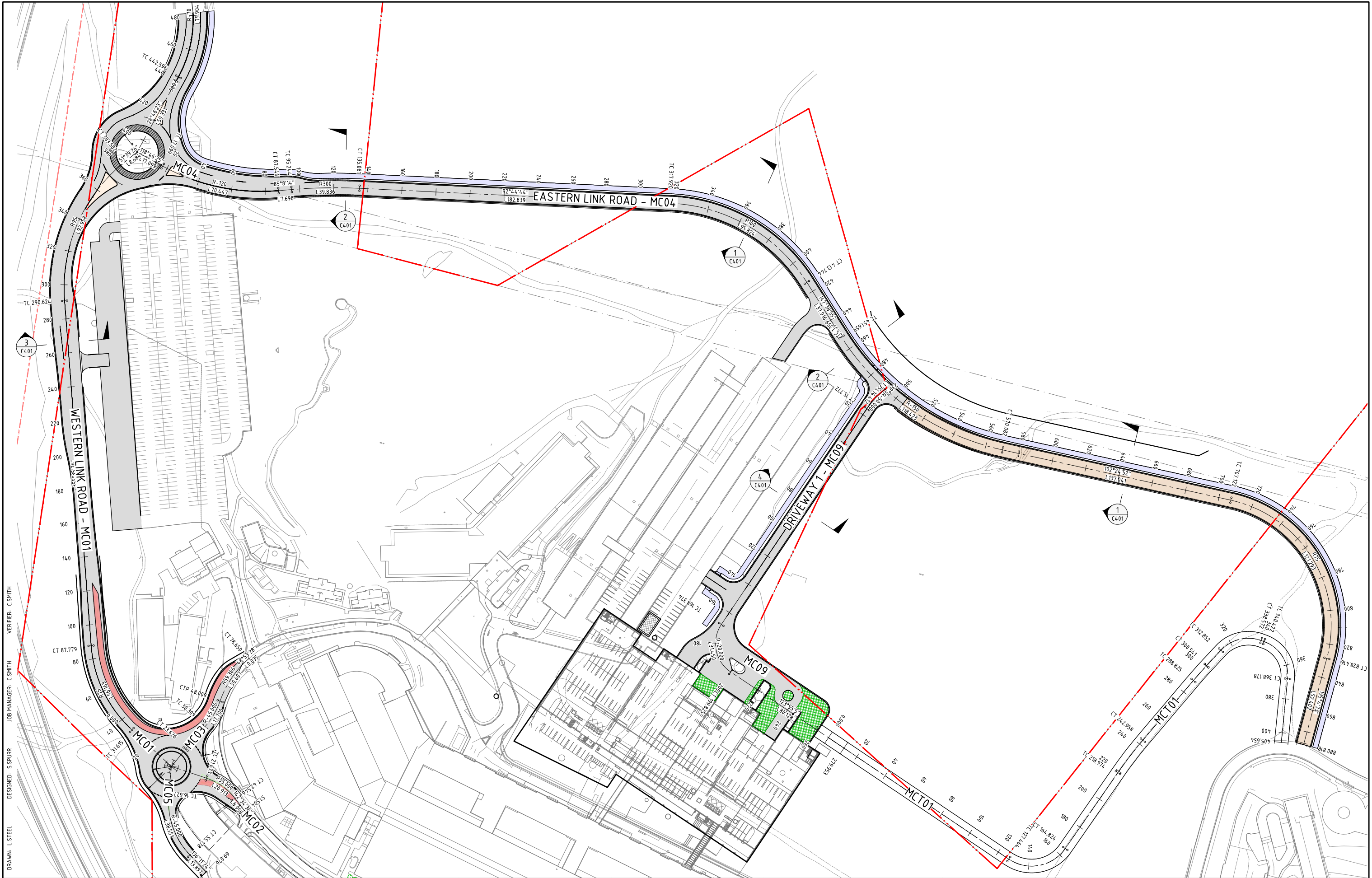
DRAWING NUMBER

C300-DA

REVISION

6

DRAWING SHEET SIZE = A1



DRAWN: L. STEEL
DESIGNED: S. SPURR
JOB MANAGER: C. SMITH
VERIFIER: C. SMITH

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3	ISSUED FOR SCHEMATIC DESIGN	LS		CS	29.01.21
4	ISSUED FOR DRAFT SSDA	LS		CS	25.02.21
5	ISSUED FOR DRAFT SSDA	LS		CS	09.03.21
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SCALE 1:1000 @ A1




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PROJECT

**JOHN HUNTER HOSPITAL
AND INNOVATION PRECINCT
LOOKOUT ROAD, NEW
LAMBTON HEIGHTS N.S.W**

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD SETOUT PLAN

JOB NUMBER

NL191366

DRAWING NUMBER

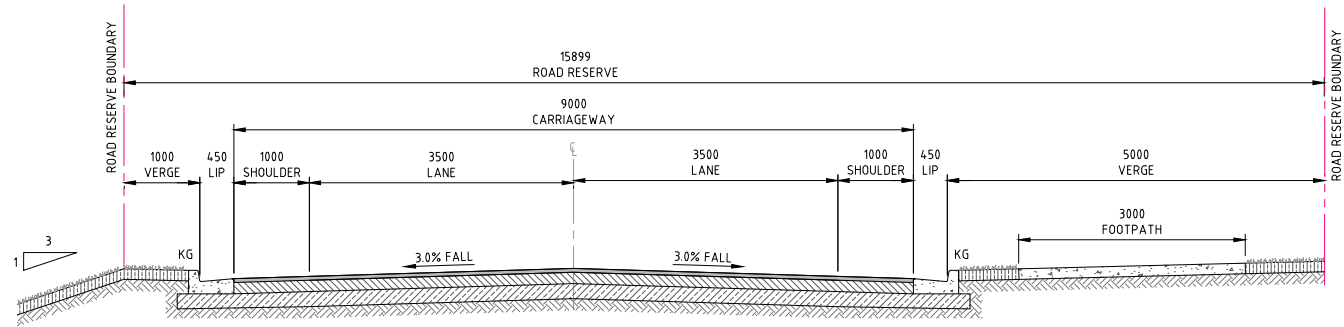
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REVISION

6

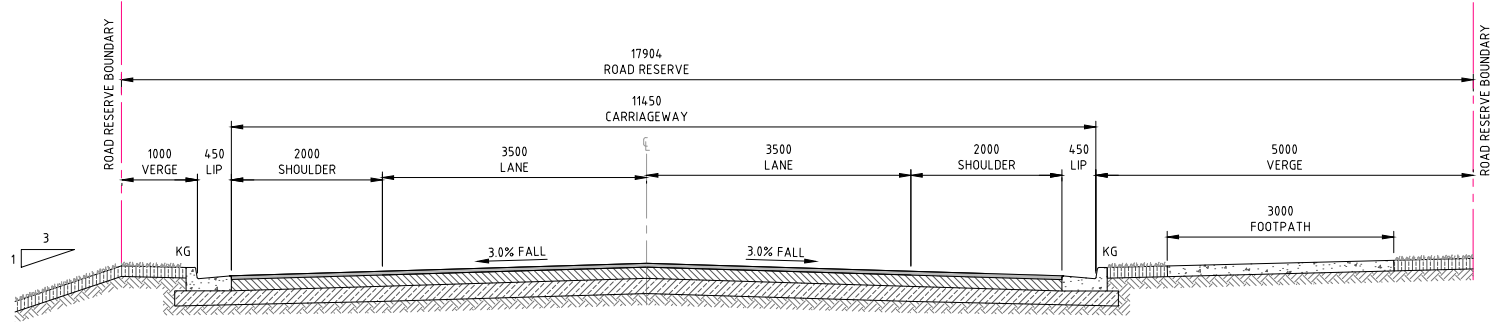
DRAWING SHEET SIZE = A1

VERIFIER: C SMITH
JOB MANAGER: C SMITH
DESIGNED: S SPURR
DRAWN: L STEEL



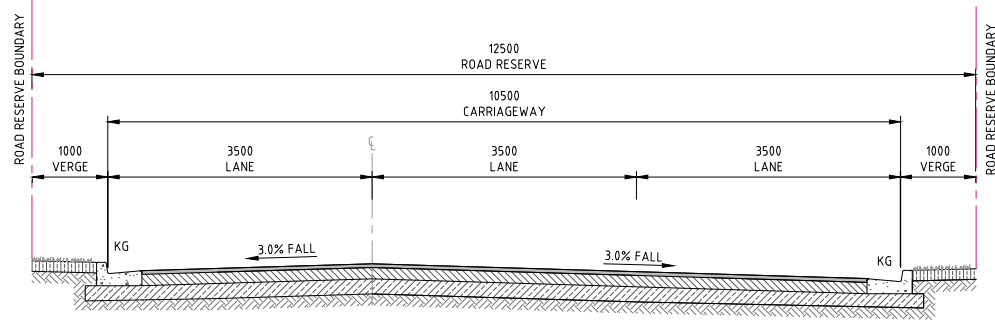
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SECTION 1
SCALE 1:50



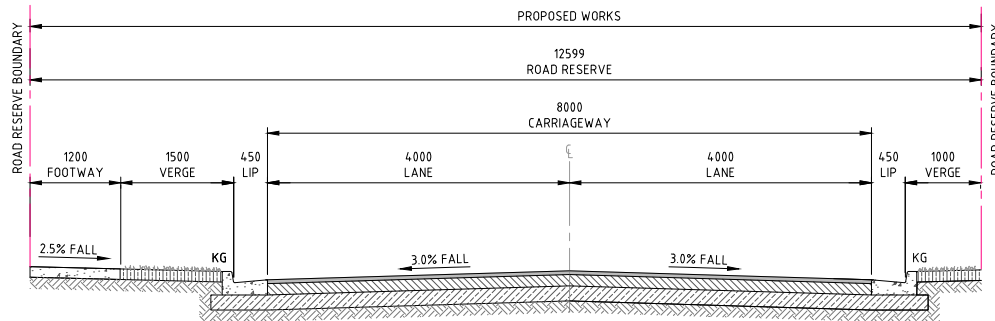
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SECTION 2
SCALE 1:50



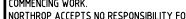
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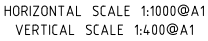
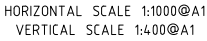
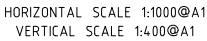
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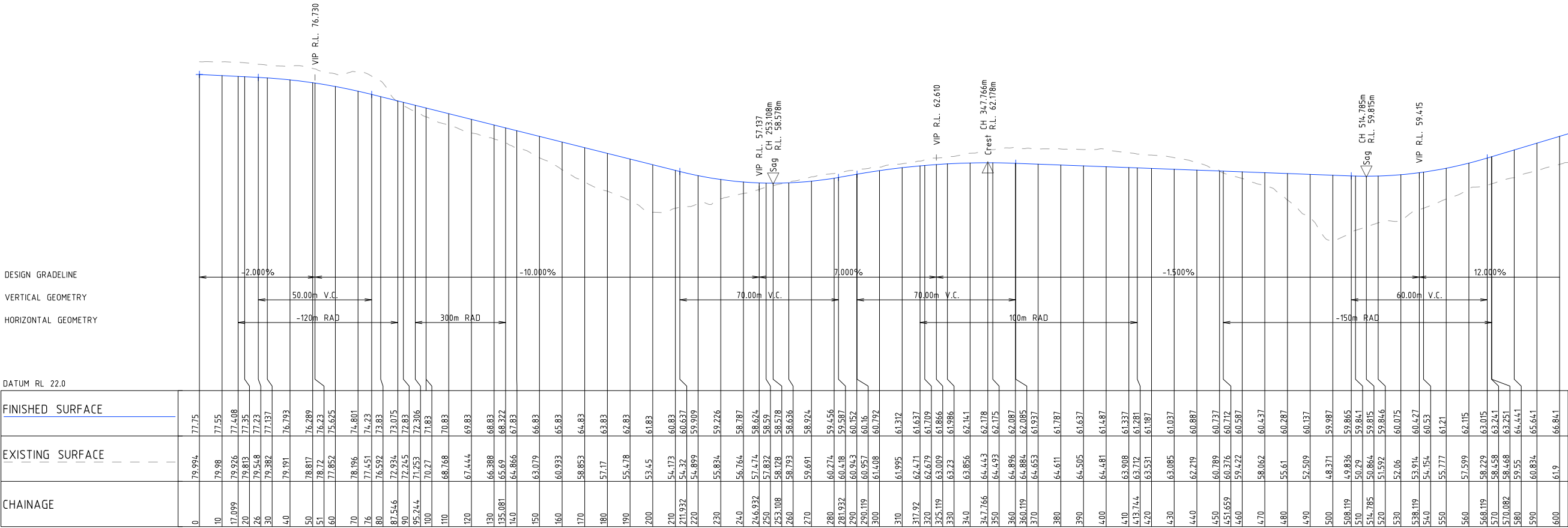
DRIVEWAY 1

SECTION 4
SCALE 1:50

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2	ISSUED FOR REVIEW	LS		CS	09.11.20							
3	ISSUED FOR SCHEMATIC DESIGN	LS		CS	29.01.21							
4	ISSUED FOR DRAFT SSDA	LS		CS	25.02.21							
5	ISSUED FOR DRAFT SSDA	LS		CS	09.03.21							
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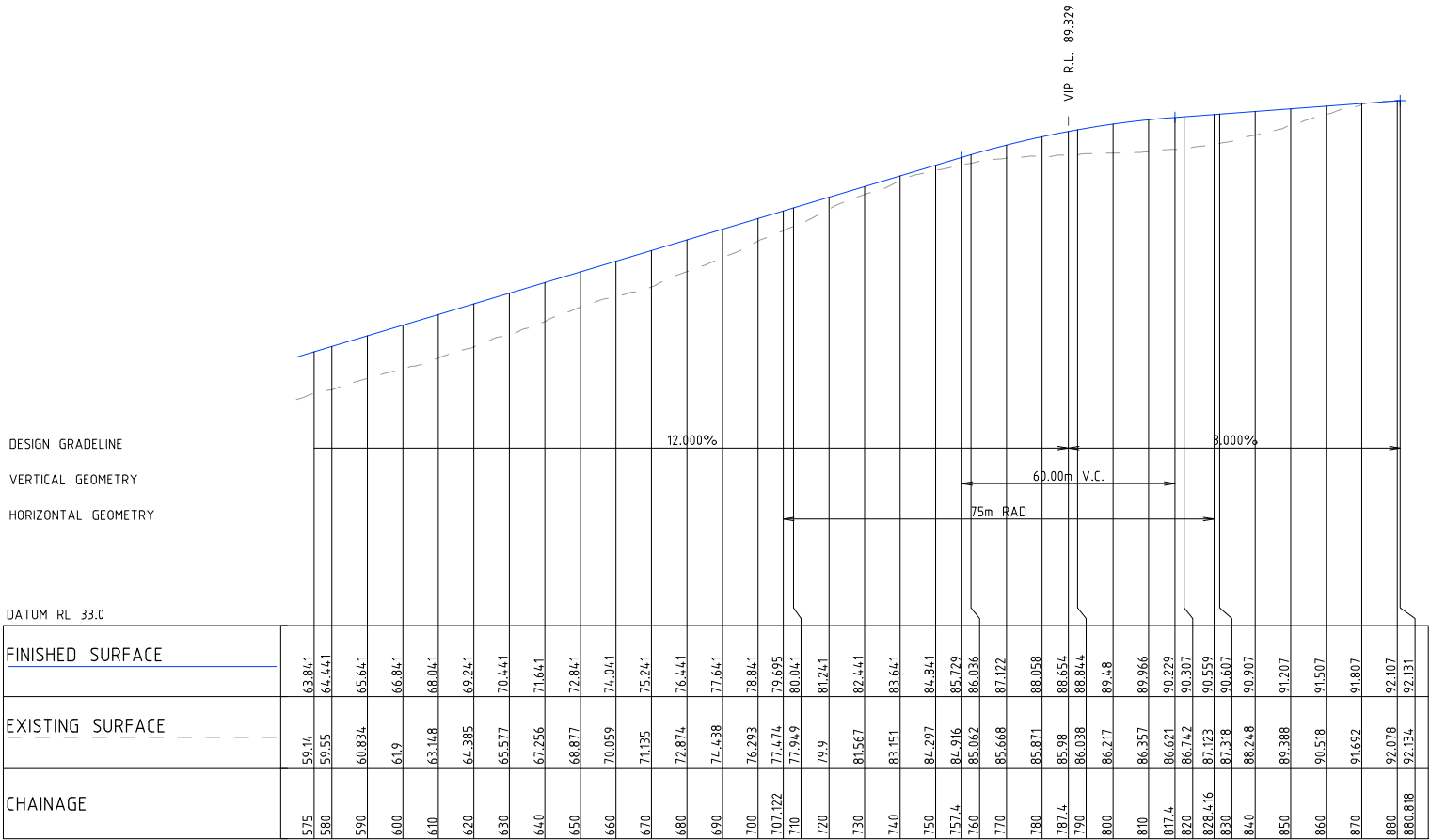
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DRAWN: L STEEL DESIGNED: S SPURR JOB MANAGER: C SMITH VERIFIER: C SMITH



LONGITUDINAL SECTION ALONG MC04

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1



LONGITUDINAL SECTION ALONG MC04

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3	ISSUED FOR SCHEMATIC DESIGN	LS		CS	29.01.21
4	ISSUED FOR DRAFT SSDA	LS		CS	25.02.21
5	ISSUED FOR DRAFT SSDA	LS		CS	09.03.21
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PROJECT

**JOHN HUNTER HOSPITAL
AND INNOVATION PRECINCT
LOOKOUT ROAD, NEW
LAMBTON HEIGHTS N.S.W**

DRAWING TITLE

**CIVIL ENGINEERING PACKAGE
ROAD LONG SECTIONS
SHEET 2**

JOB NUMBER

NL191366

DRAWING NUMBER

C502-DA

REVISION

6

DRAWING SHEET SIZE = A1



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PROJECT

**JOHN HUNTER HOSPITAL
AND INNOVATION PRECINCT
LOOKOUT ROAD, NEW
LAMBTON HEIGHTS N.S.W**

JOB NUMBER	
NL191366	
DRAWING NUMBER	REVISION
C503-DA	6
DRAWING SHEET SIZE = A1	

Appendix C – Mines Map



LEGEND

- Site boundary
- Proposed roads
- Deep mine borehole (Coffey 1983)
- Proposed building footprint
- Proposed grouted bords

Aerial image taken from Nearmap, June 11 2019
(used in accordance with a commercial licence)

RT's obtained from Department of Trade & Investment
RT0255.R10000248.Plan of abandonment- sheet 1 (part 2) of 7

0510203040

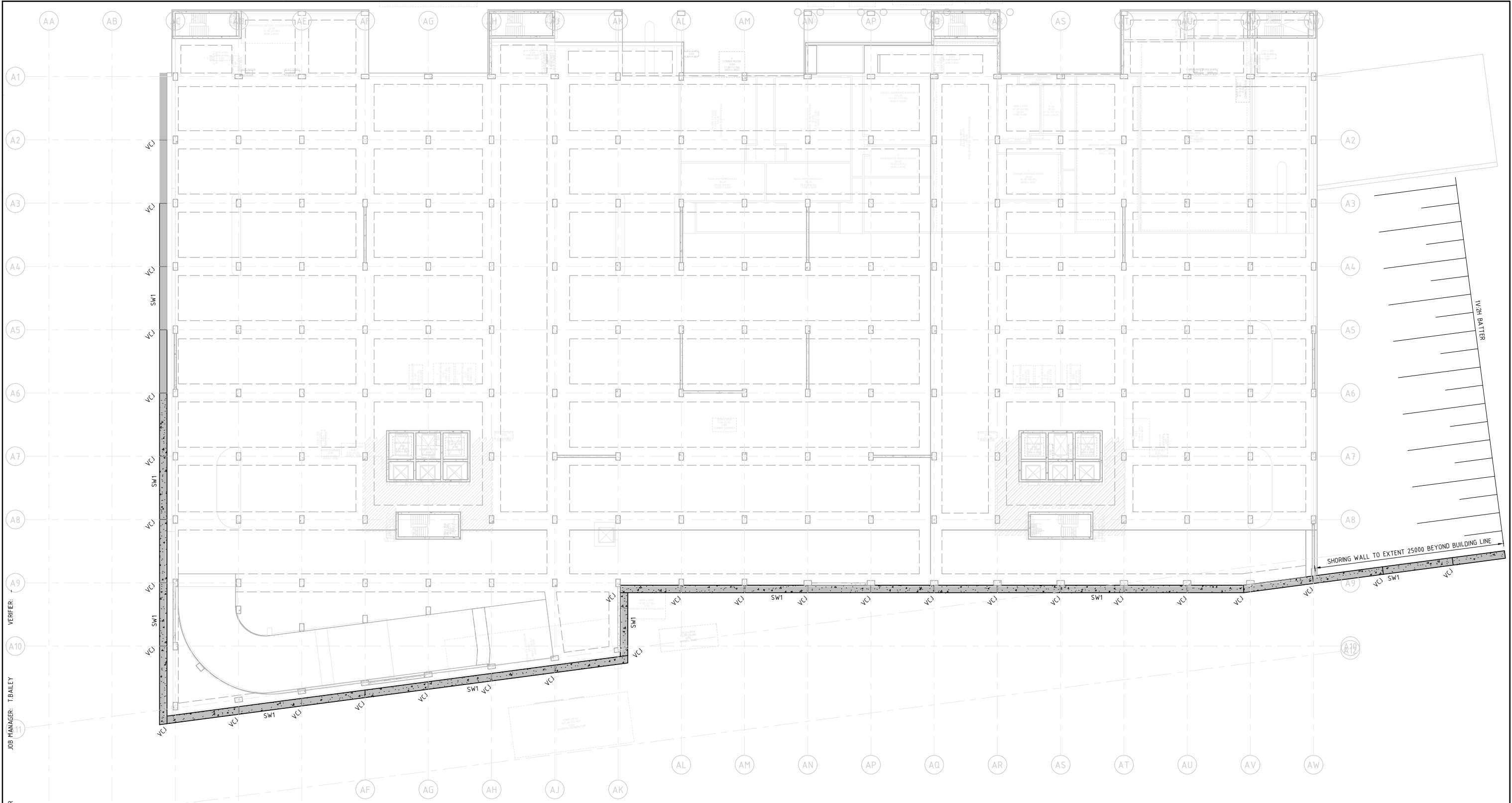
metres

GEOTECHNICAL • ENVIRONMENTAL

MINE OVERLAY AND GROUT PLAN
JOHN HUNTER HEALTH AND
INNOVATION PRECINCT

CLIENT	Health Infrastructure	RCA Ref		14399	
DRAWN BY	MA	SCALE	1:1,000 (A3)	DRAWING No	1
APPROVED BY	RJC	DATE	12/05/2021	OFFICE	NEWCASTLE
				REV	0

Appendix D – Shoring Plans



VERIFIER:

JOB MANAGER: TBAILEY

DESIGNED: GLAVER

DRAWN: BOBSON

SHORING WALL PLAN

- SHORING WALL TYPE SCHEDULE-		
MARK	THICKNESS	COMMENTS
SHORING WALL		
SW1		

LEGEND



DENOTES VERTICAL CONTROL JOINT LOCATION, REFER TYPICAL DETAIL

REV	DESCRIPTION	ISSUED	VERD	APP'D	DATE
1	ISSUED FOR INFORMATION	B.G.		T.B.	23.10.20
2	ISSUED FOR APPROVAL	D.L.		T.B.	09.10.20

CLIENT

NSW GOVERNMENT Health Infrastructure

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PROJECT

JOHN HUNTER HEALTH AND INNOVATION PRECINCT

DRAWING TITLE

STRUCTURAL DRAWING SHORING WALL PLAN

JOB NUMBER **NL191366**

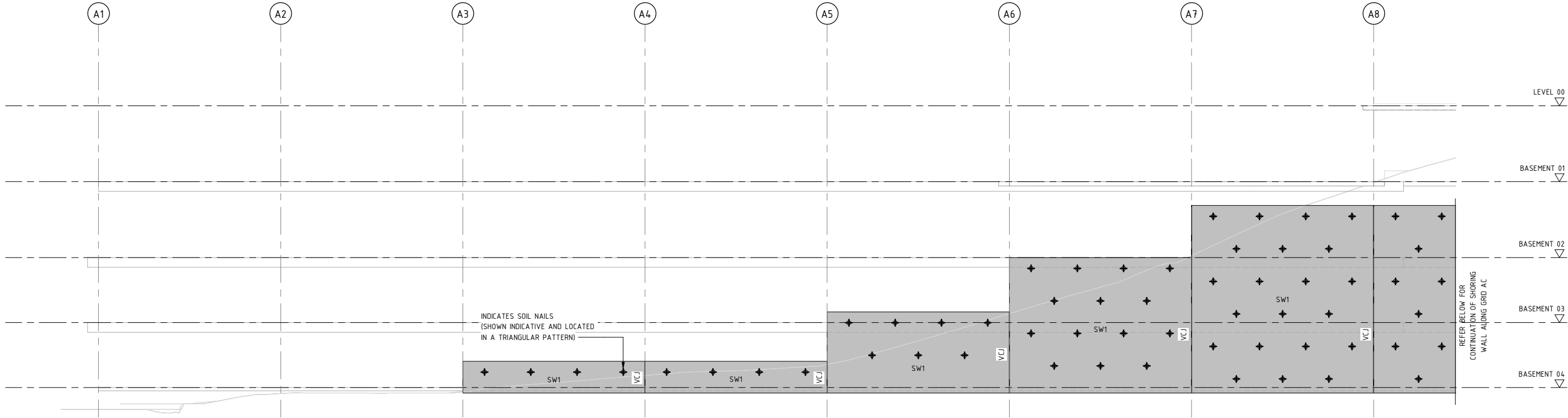
PROJECT INFORMATION

DRAWING NUMBER	REVISION
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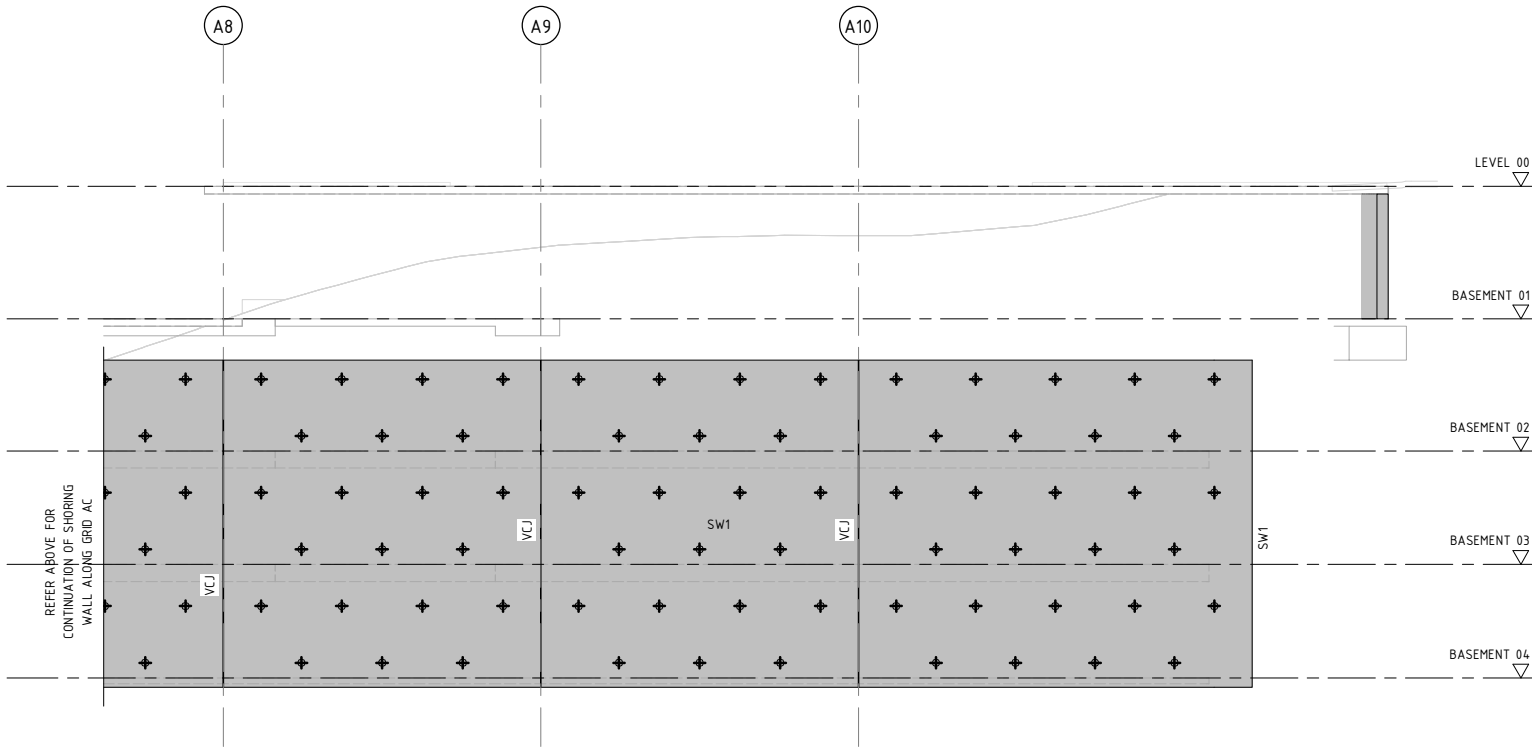
DRAWING SHEET SIZE = A1

NOT FOR CONSTRUCTION

VERIFIER: -
JOB MANAGER: TBAILEY
DESIGNED: GLAVER
DRAWN: BOBSON



SHORING ELEVATION - GRID AC - PART A



SHORING ELEVATION - GRID AC - PART B

NOT FOR CONSTRUCTION

REV	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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Health Infrastructure

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0 1000 2000 3000 4000 5000 ELEVATIONS

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PROJECT

JOHN HUNTER HEALTH AND INNOVATION PRECINCT

DRAWING TITLE

STRUCTURAL DRAWING
SHORING WALL ELEVATIONS - SHEET 1

JOB NUMBER NL191366

PROJECT INFORMATION

DRAWING NUMBER

REVISION

B3-30

2

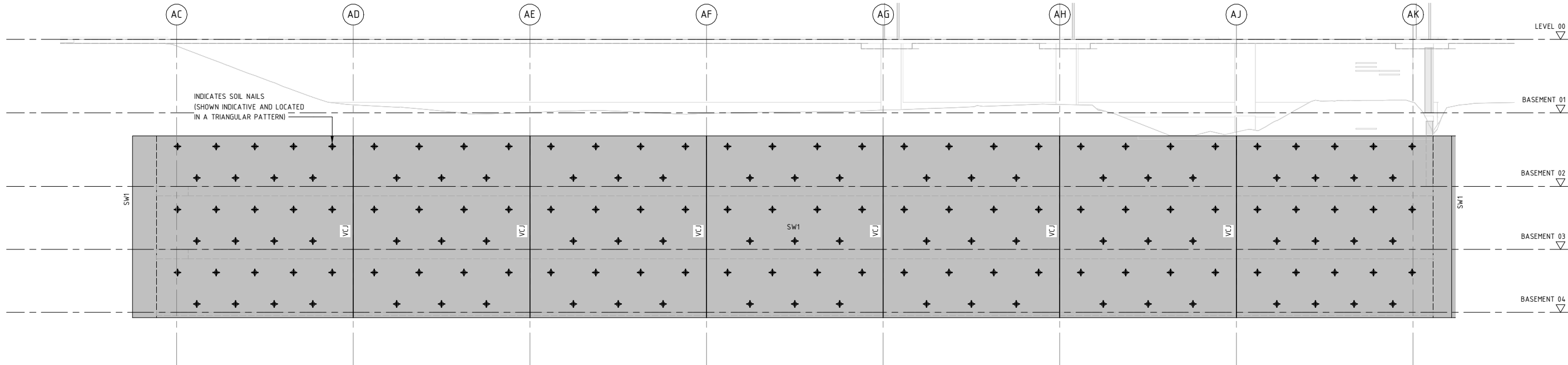
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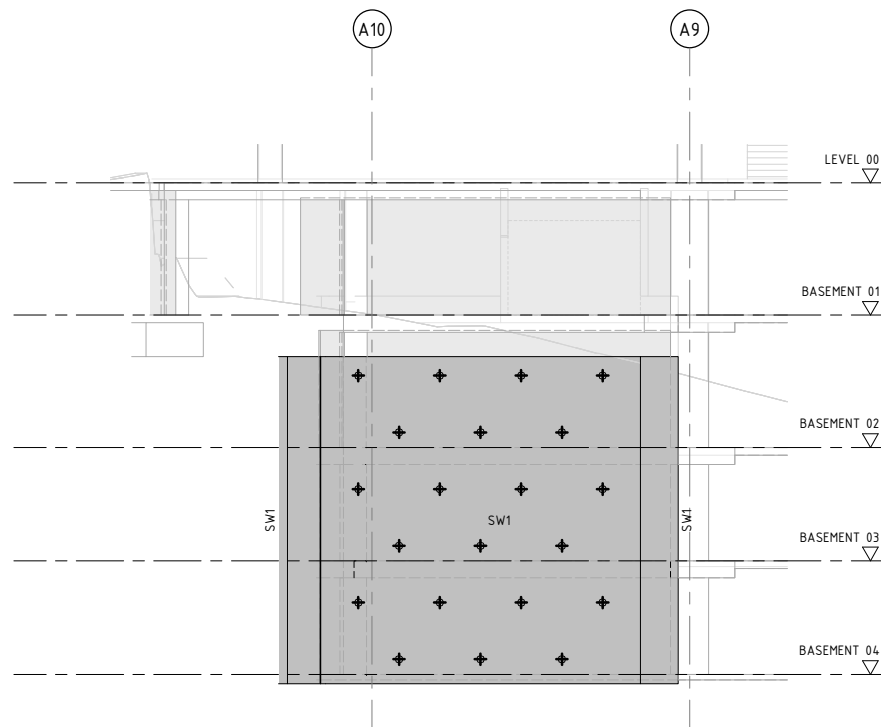
JOB MANAGER: TBAILEY

DESIGNED: GLAVER

DRAWN: BOBSON



SHORING ELEVATION - GRID A11



SHORING ELEVATION - GRID AK

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PROJECT

JOHN HUNTER HEALTH AND INNOVATION PRECINCT

DRAWING TITLE

STRUCTURAL DRAWING
SHORING WALL ELEVATIONS - SHEET 2

JOB NUMBER NL191366

PROJECT INFORMATION

DRAWING NUMBER B3-31

REVISION 2

DRAWING SHEET SIZE = A1

SHORING WALL SW1 SECTION
NAIL DIAMETER = 25mm
HOLE DIAMETER = 100mm

TYPICAL SHORING WALL SW1 SECTION

TYPICAL SW1 CORNER PLAN

TYPICAL VCJ DETAIL

SHORING WALL SW1 PART ELEVATION

VERIFIER: -

JOB MANAGER: T.BAILEY

DESIGNED: G.LAVER

DRAWN: B.GIBSON

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2	ISSUED FOR APPROVAL	D.L.		T.B.	09.10.20			DRAWING NUMBER	REVISION					
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								DRAWING SHEET SIZE = A1						
						DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN PROVIDED	THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP							