



AUSTRALIAN GOVERNMENT NATIONAL CAPITAL AUTHORITY

SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT



LOCALITY PLAN
SCALE: NTS

DRAWING INDEX

DRG No.	TRIM NO.	DRAWING TITLE
12591211-G001	XXXXXXX	COVER SHEET, LOCALITY PLAN AND DRAWING INDEX
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12591211-C025	XXXXXXX	CIVIL ABUTMENT EROSION PROTECTION - RIGHT ABUTMENT
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12591211-S301	XXXXXXX	GUAGE BOARDS LOCATION PLAN AND STAFF GUAGE DETAIL

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Author	E.PAZ	Drafting Check		
Designer	J.GALLIB	Design Check		



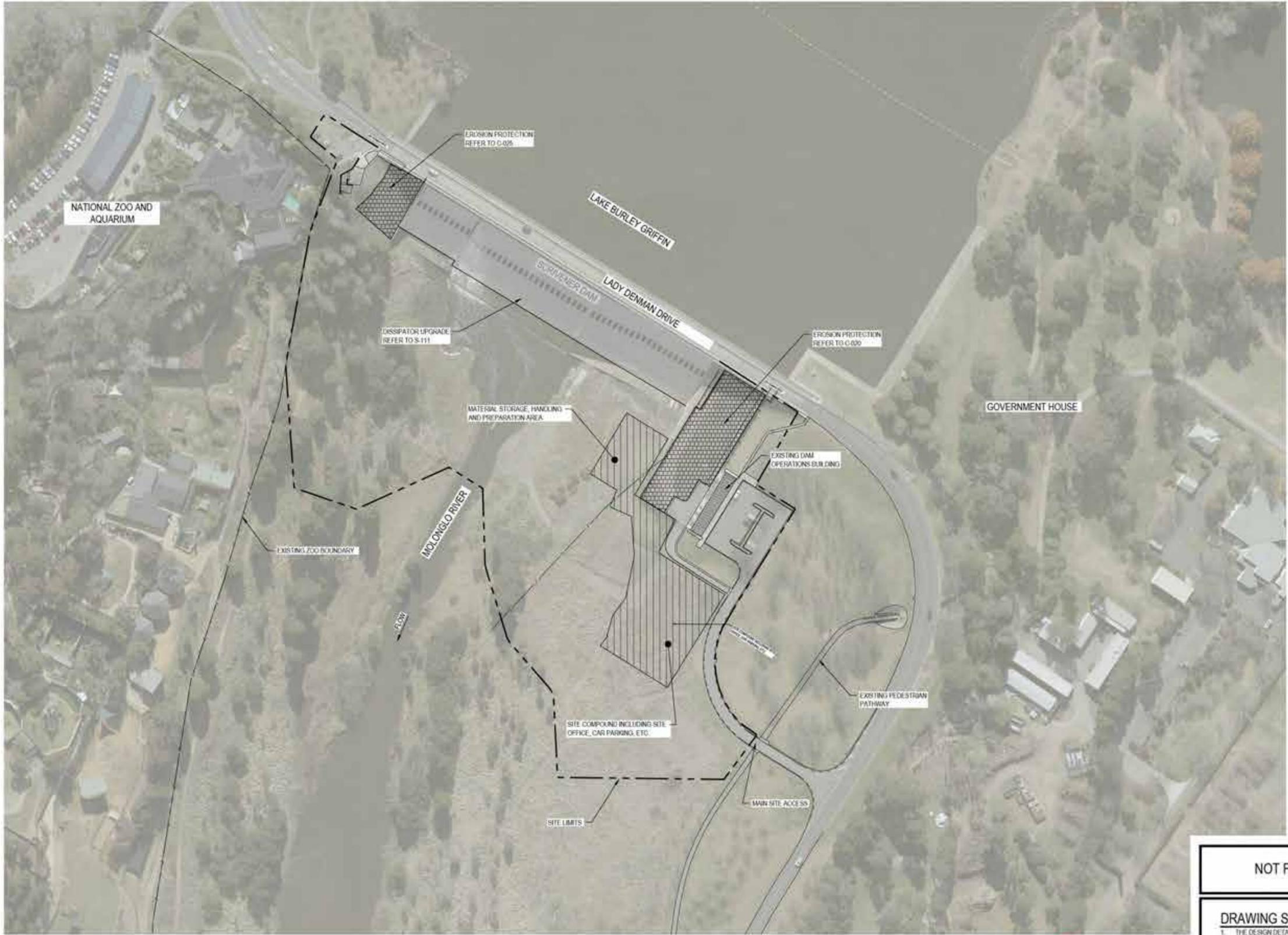
Project No.
12591211

Client AUSTRALIAN GOVERNMENT
NATIONAL CAPITAL AUTHORITY
Project SCRIVENER DAM DISSIPATOR
STRENGTHENING PROJECT
Status PRELIMINARY

Drawing Title: COVER SHEET, LOCALITY PLAN
AND DRAWING INDEX

Status Code SO XXXXXX
Drawing No. 12591211-G001

Size A1
Rev A



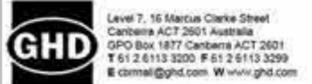
SITE PLAN LAYOUT
SCALE 1:1000

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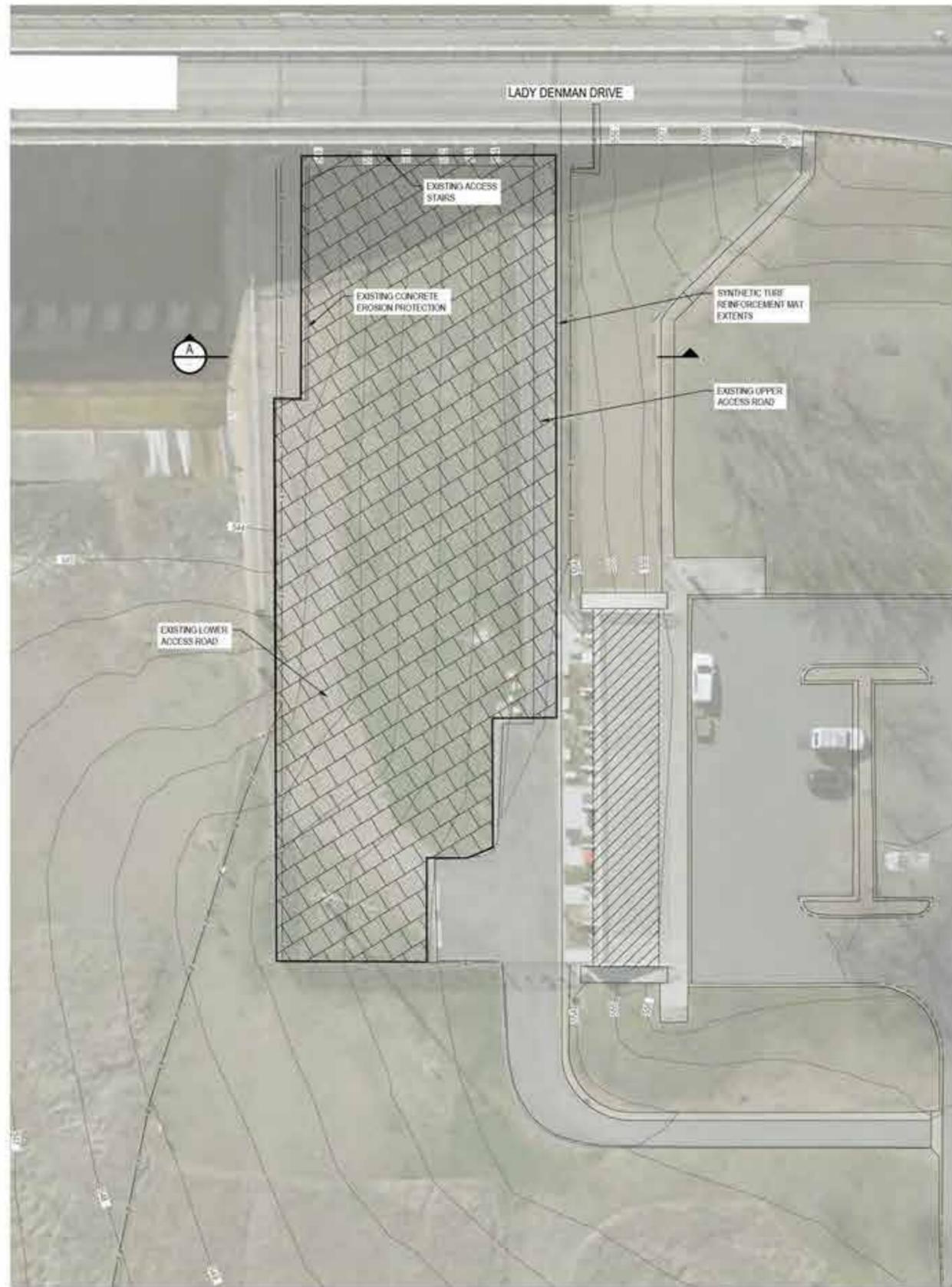
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Author	L. AQUINO	Drafting Check		
Designer	G. JONES	Design Check		



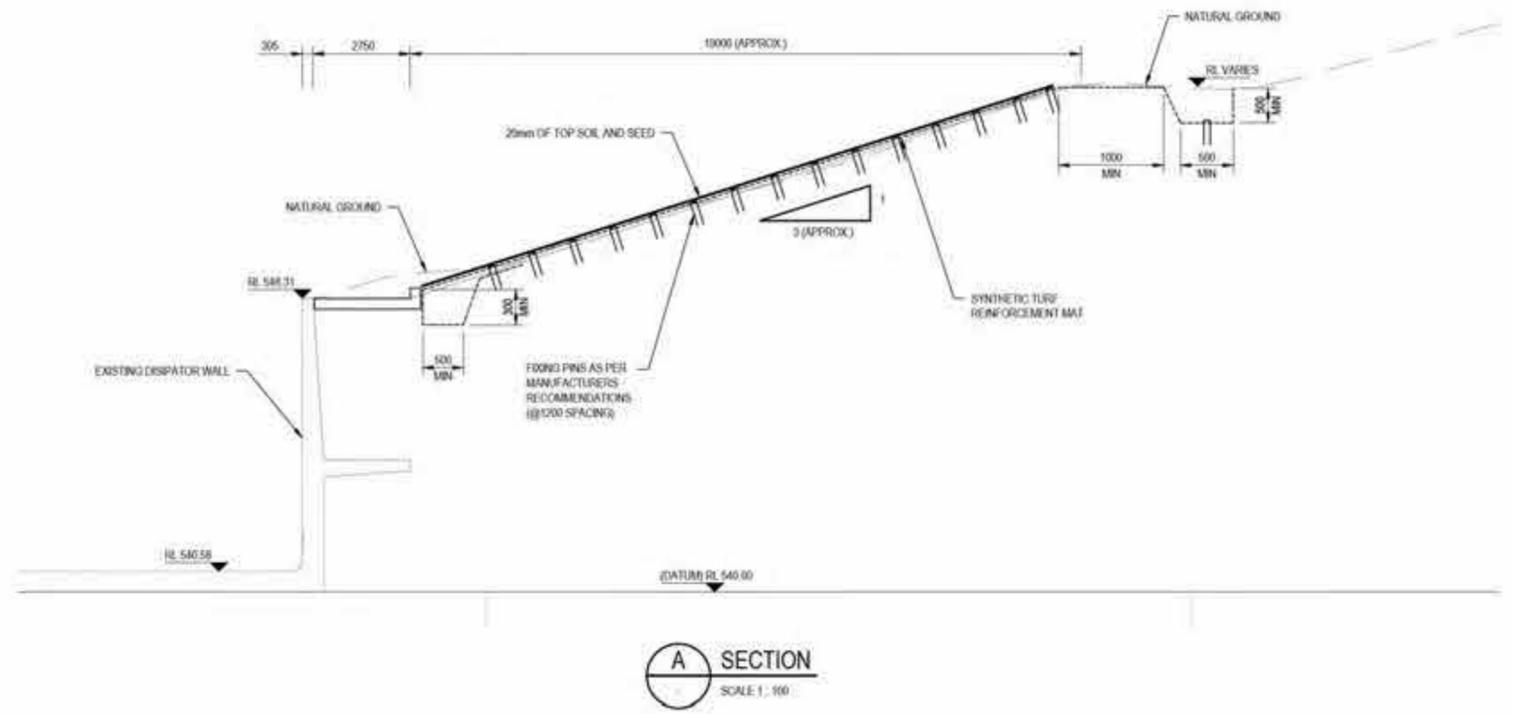
Client: AUSTRALIAN GOVERNMENT
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 Project: SCRIVENER DAM DISSIPATOR
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 Status Code: S0

Drawing Title: SITE PLAN
 GENERAL ARRANGEMENT
 Drawing No: XXXXXX
 Drawing Ref: 12591211-C005

Size: A1
 Rev: A



LEFT ABUTMENT EROSION PROTECTION PLAN
SCALE 1:250



A SECTION
SCALE 1:100

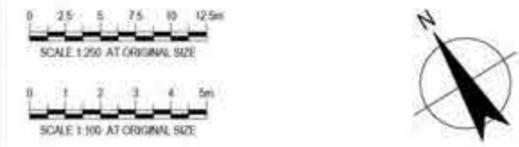
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Author: I. AQUINO Drafting Check: []
 Designer: G. JONES Design Check: []



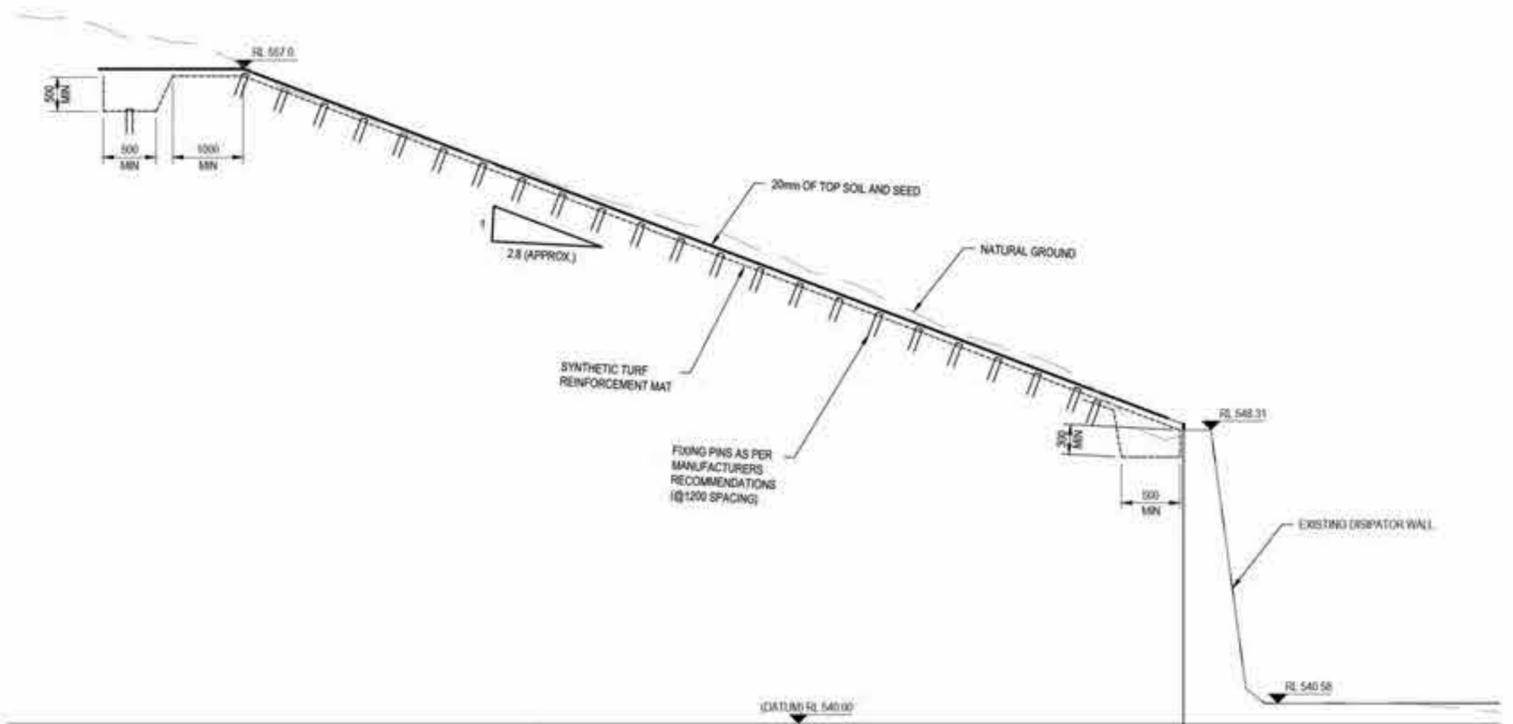
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Drawing Title: CIVIL ABUTMENT EROSION PROTECTION LEFT ABUTMENT
 Drawing No: XXXXXX



RIGHT ABUTMENT EROSION PROTECTION PLAN

SCALE 1:250



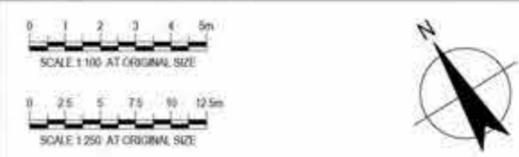
B SECTION
SCALE 1:100

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Designer	G. JONES	Design Check		



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Project: SCRIVENER DAM DISSIPATOR
STRENGTHENING PROJECT

Project No: 12591211

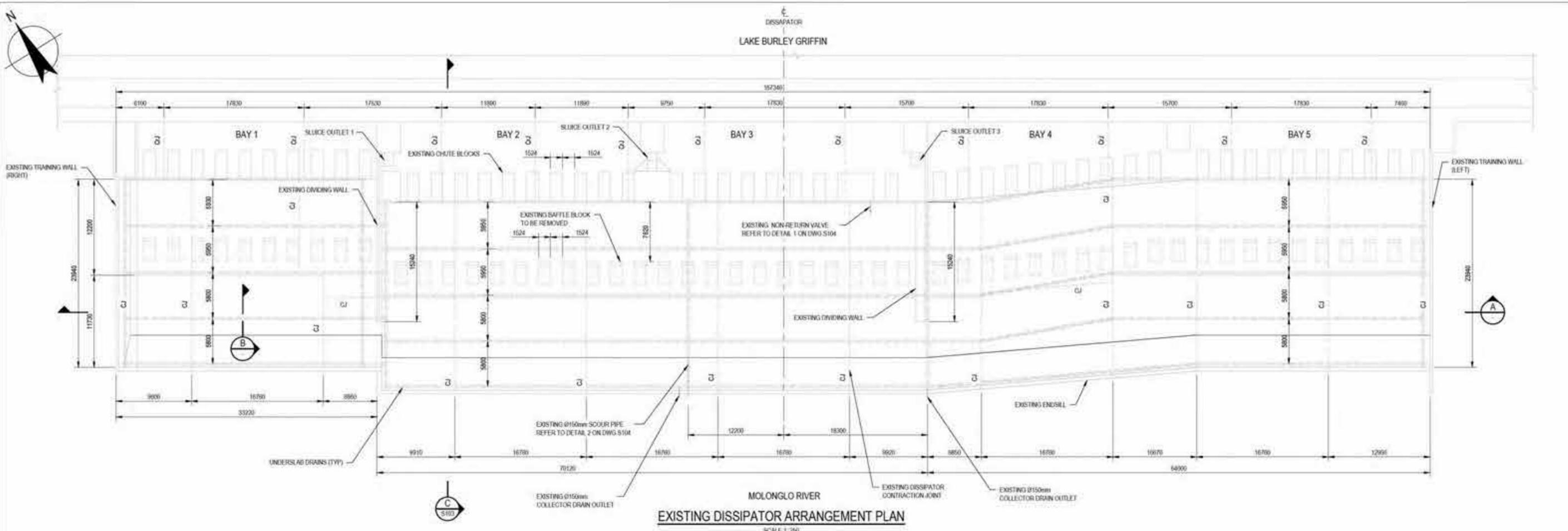
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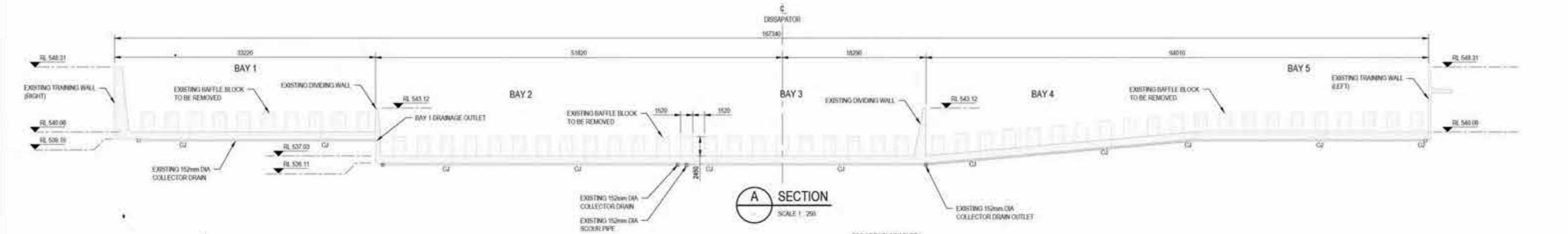
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ABUTMENT EROSION
PROTECTION
RIGHT ABUTMENT

Drawing No: XXXXXX

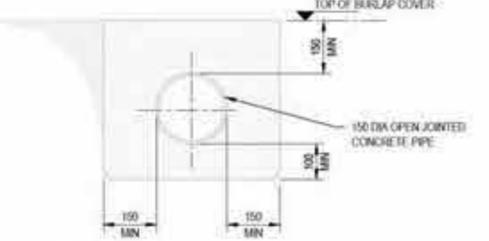
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EXISTING DISSIPATOR ARRANGEMENT PLAN
SCALE 1:250



SECTION A
SCALE 1:250



UNDERSLAB DRAINAGE

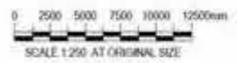
SECTION B
SCALE 1:10

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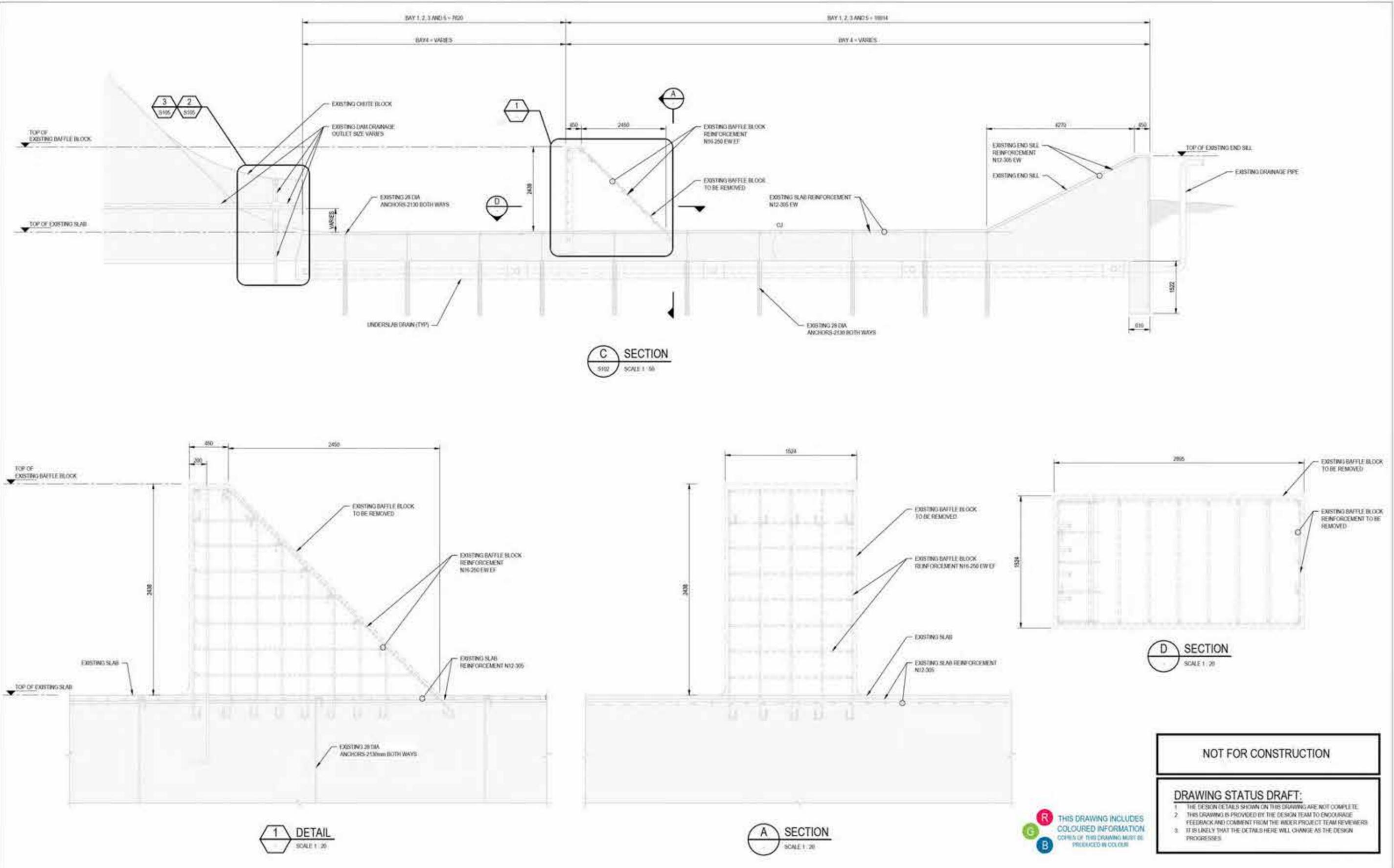
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Author	E.PAZ	Drafting Check		
Designer	J.GALLIB	Design Check		



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Status: PRELIMINARY
Project No: 12591211

Drawing Title: STRUCTURAL EXISTING DISSIPATOR ARRANGEMENT PLAN AND SECTION
Status Code: S0
Drawing No: XXXXXX
Drawing No: 12591211-S102

Size: A1
Rev: A



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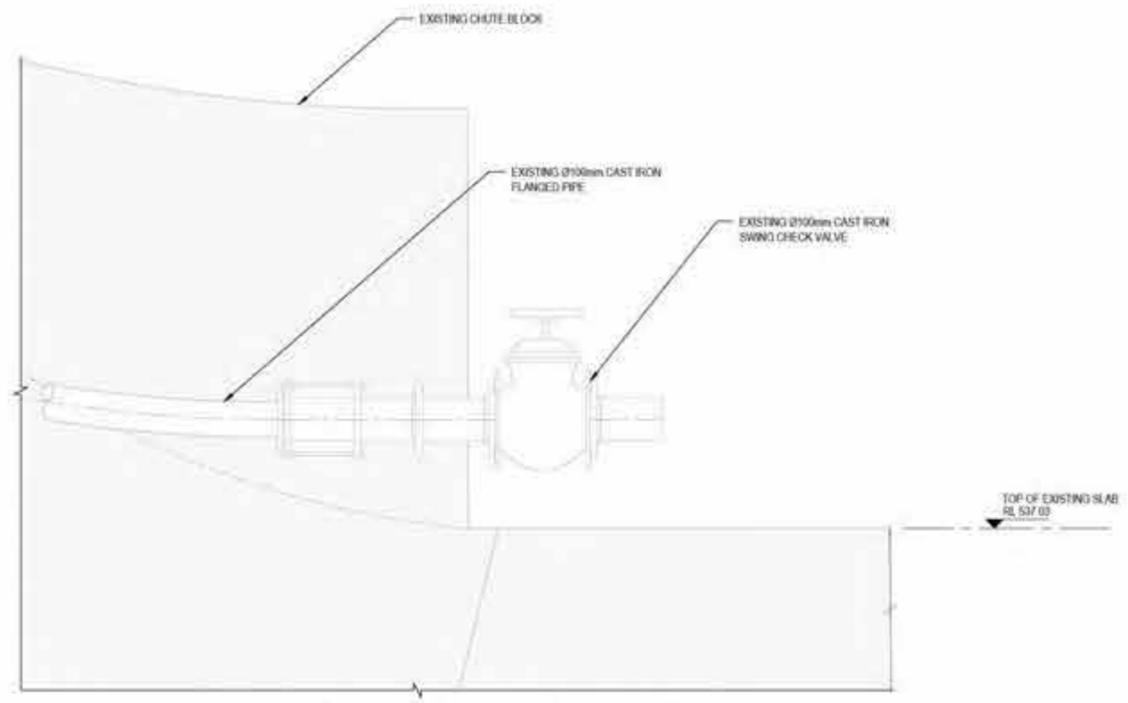
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Author: LESQUESSA Drafting Check: J.GALLIP
 Designer: J.GALLIP Design Check: J.GALLIP



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 Project No: 12591211
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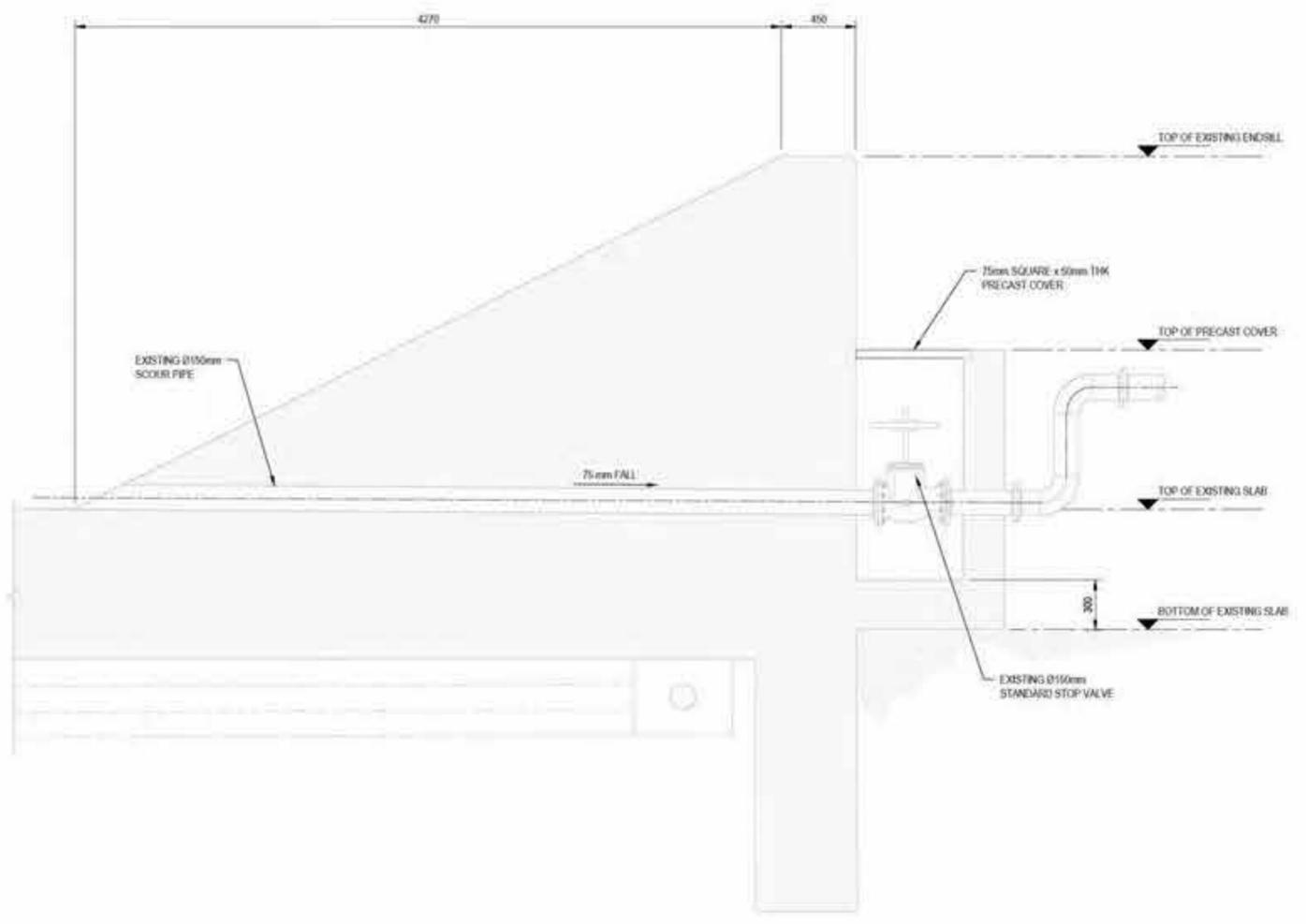
Drawing Title: STRUCTURAL
 EXISTING DISSIPATOR
 SECTION
 Status Code: S0
 Drawing No: 12591211-S103
 Rev: A



BAY 3 - EXISTING DRAINAGE NON-RETURN VALVE
SCALE: 1:10



1 DETAIL
SCALE: 1:20



BAY 3 - EXISTING SCOUR PIPE

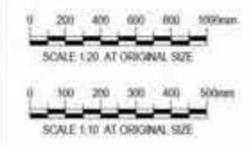
2 DETAIL
SCALE: 1:20

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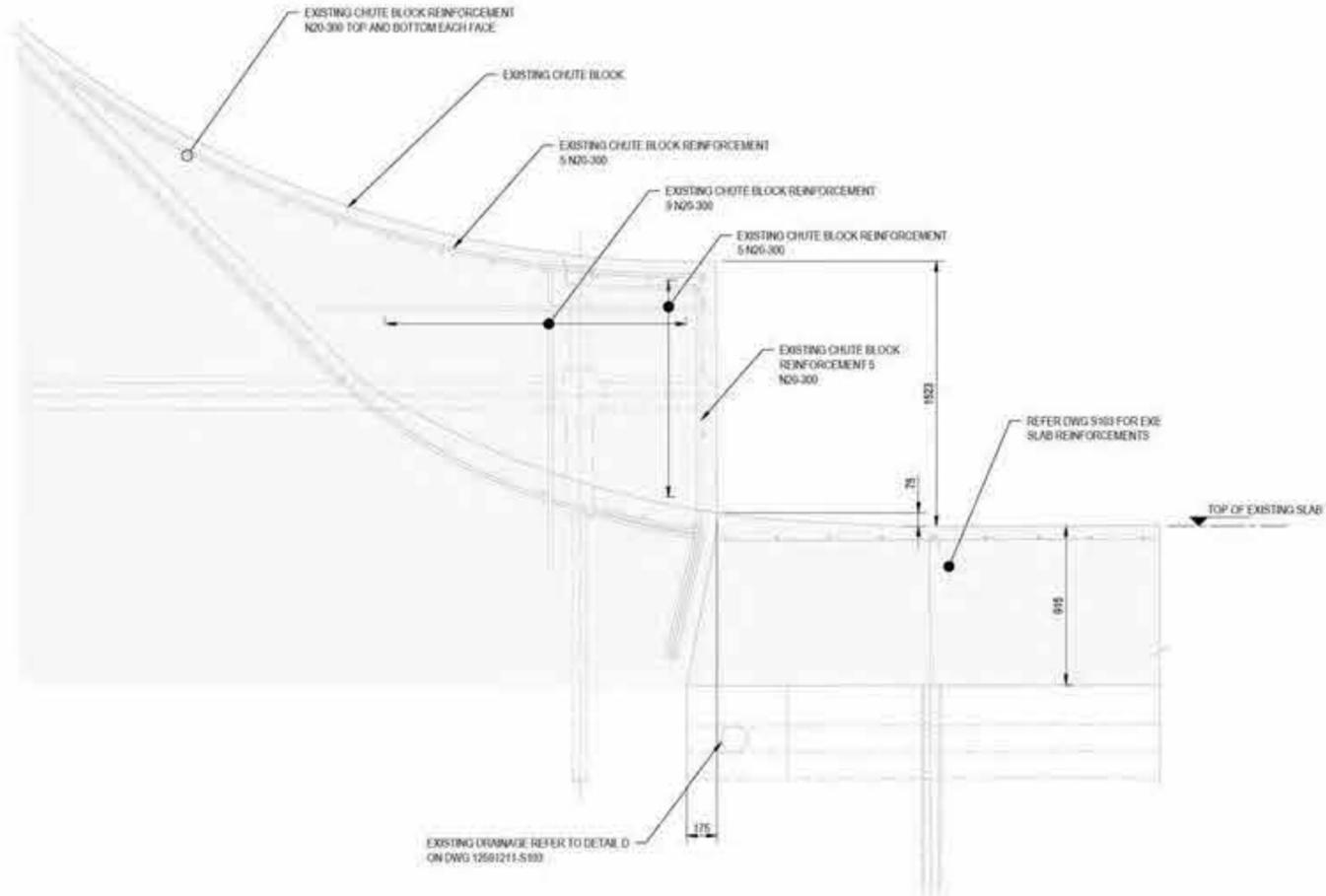
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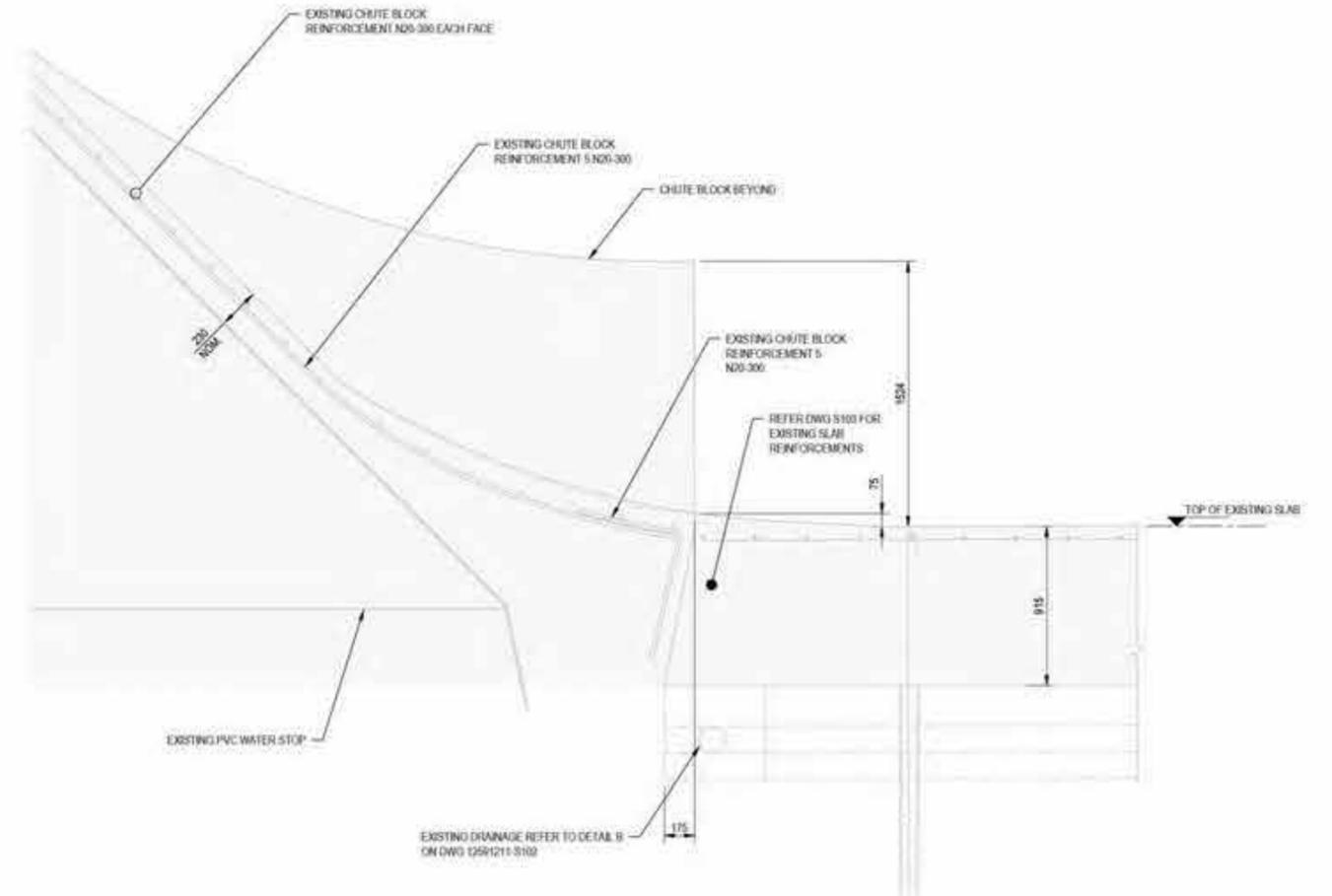


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Drawing Title: STRUCTURAL EXISTING DISSIPATOR DETAILS
Drawing No: XXXXXX
Revision: 12591211-S104
Size: A1
Rev: A



2 DETAIL
S103 SCALE 1:20



3 DETAIL
S102 SCALE 1:20

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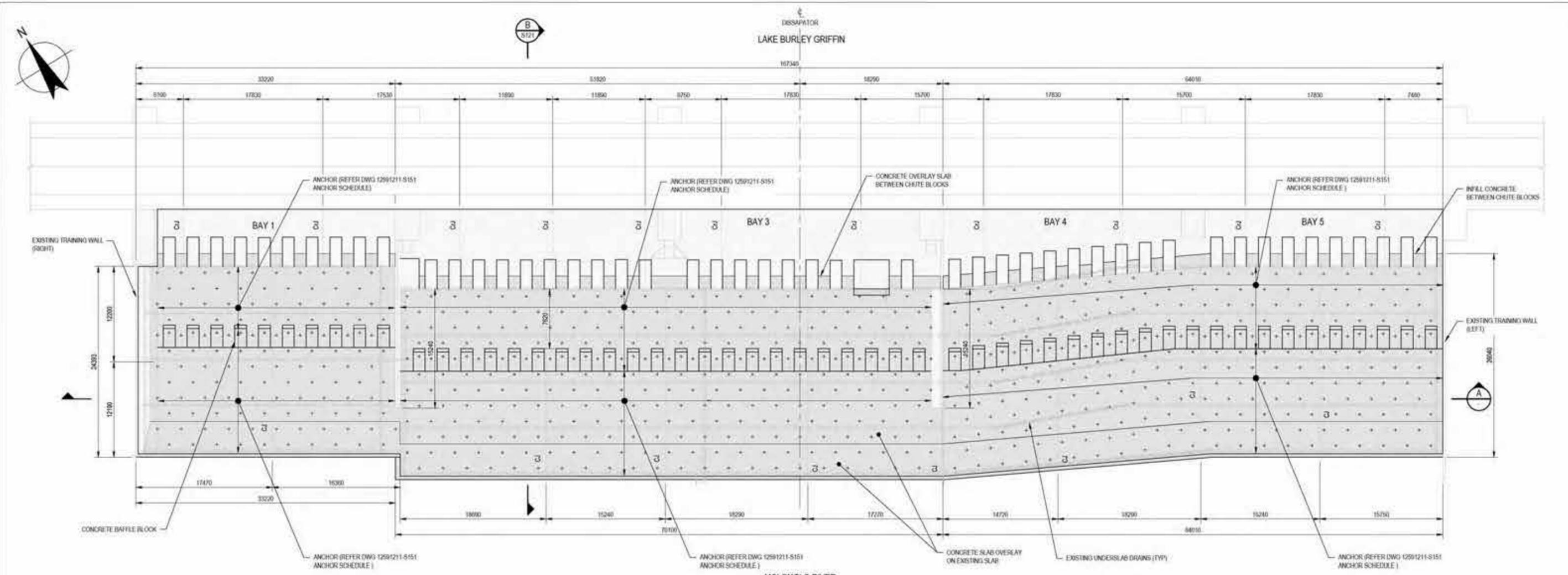
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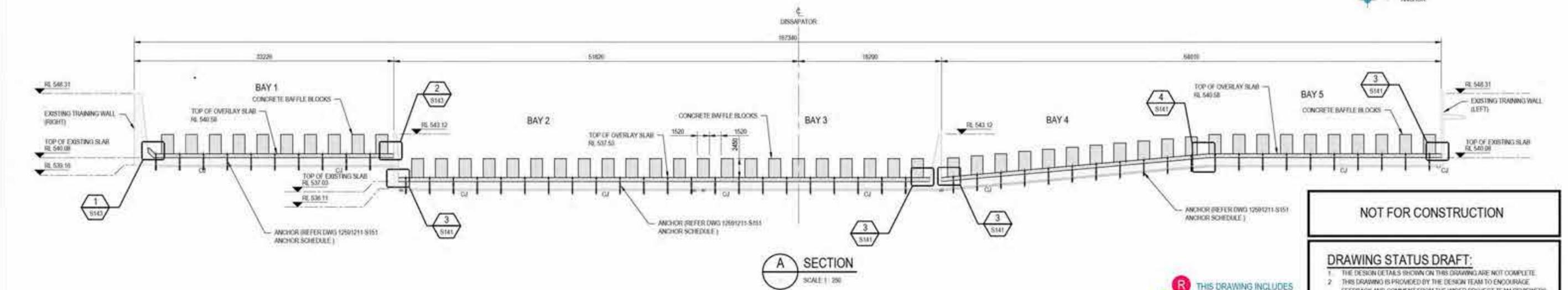
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Drawing Title: STRUCTURAL EXISTING CHUTE BLOCK REINFORCEMENT DETAILS
 Status Code: S0
 Drawing No: XXXXXX
 Drawing File: 12591211-S105

Size: A1
 Rev: A



LEGEND:



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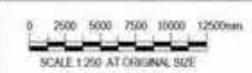
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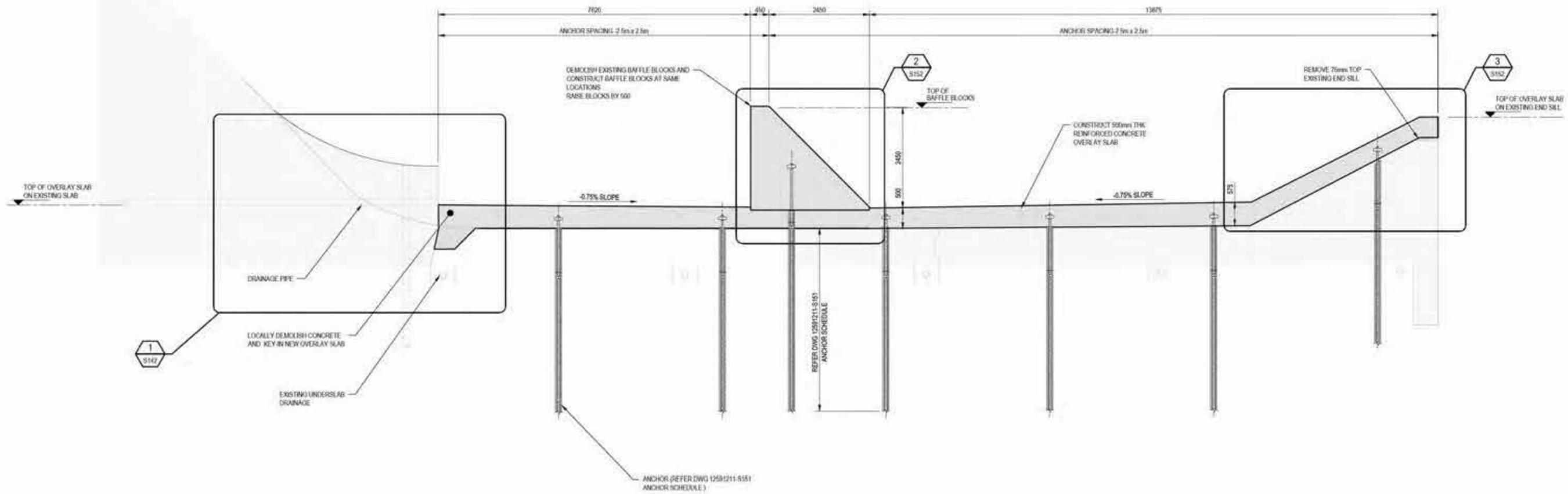
Author: E.PAZ
Designer: J.GALLIBR
Drafting Check: []
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STRENGTHENING PROJECT
Status: PRELIMINARY
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Drawing Title: STRUCTURAL
DISSIPATOR UPGRADE
GENERAL ARRANGEMENT
Status Code: S0
Drawing No: XXXXXX
Project No: 12591211-S111

Size: A1
Rev: A



DISSIPATOR CONCRETE OVERLAY TYPICAL SECTION

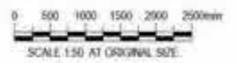
B SECTION
SCALE 1:50

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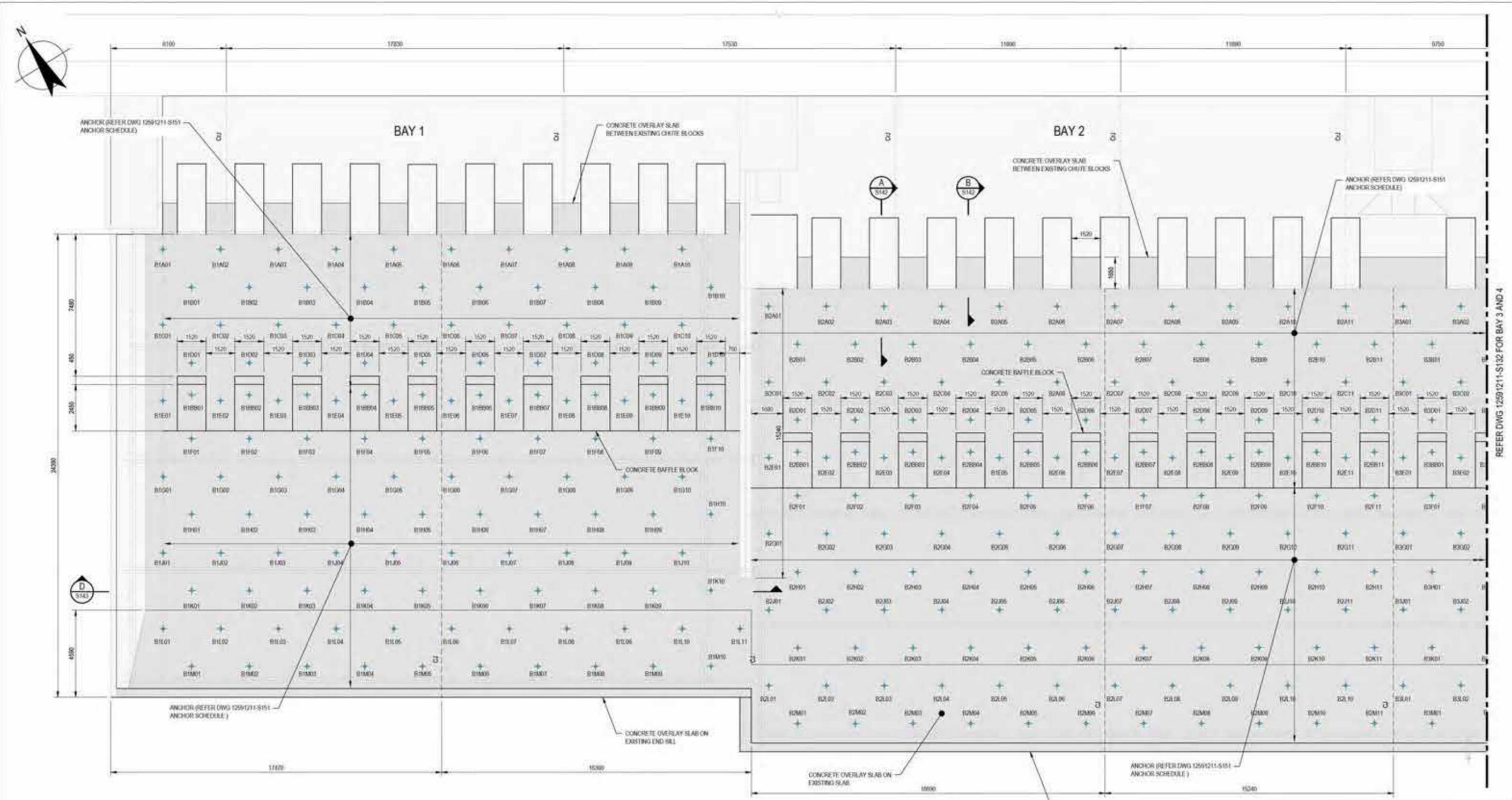
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Drawing Title: STRUCTURAL DISSIPATOR UPGRADE TYPICAL SECTION
 Status Code: S0
 Drawing No: 12591211-S121
 Rev: A



REFER DWG 12591211-S132 FOR BAY 3 AND 4

DISSIPATOR BAY 1 AND 2 PLAN
SCALE 1:100

- LEGEND:**
- REF: H 505555 257 mm DOUBLE CORROSION PROTECTION ANCHORS
 - ROW
 - BAY
 - BOX
 - COLUMN
 - BAFFLE BLOCK
 - BOX
 - BAY
 - COLUMN

NOT FOR CONSTRUCTION

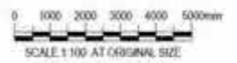
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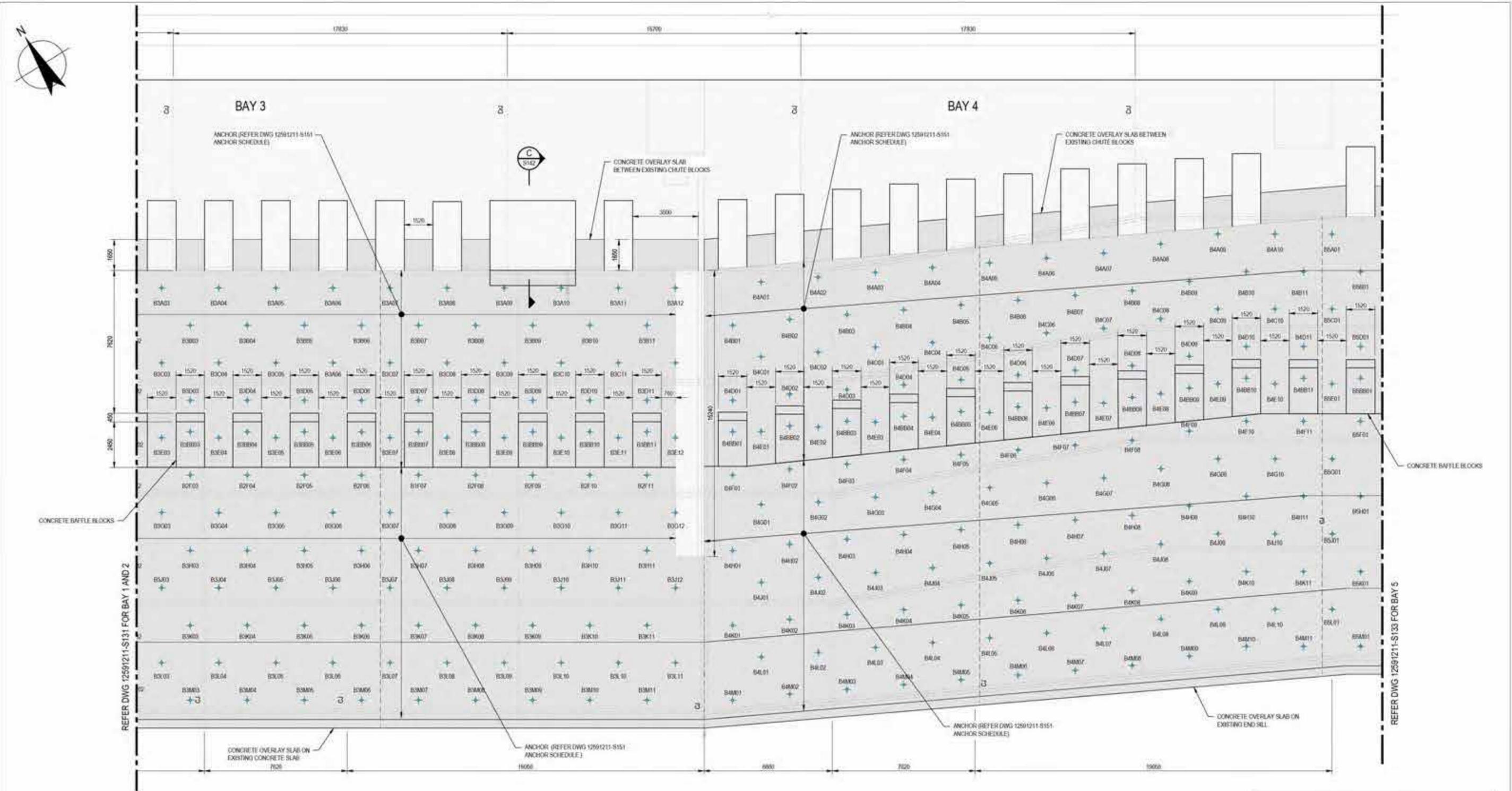
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Designer: J.GALLIP
Drafting Check: []
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Drawing Title: STRUCTURAL
DISSIPATOR BAY 1 AND 2
PLAN
Status Code: S0
XXXXXX
12591211-S131

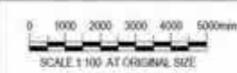
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DISSIPATOR BAY 3 AND 4 PLAN
SCALE 1:100

LEGEND:

- ANCHOR (REFER DWG 12591211-S151 ANCHOR SCHEDULE)
- ROW
- BAY
- COLUMN
- BAFFLE BLOCK
- ANCHOR (REFER DWG 12591211-S151 ANCHOR SCHEDULE)
- BAY
- COLUMN



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	Author: E.PAZ			
	Designer: J.GALLIP			

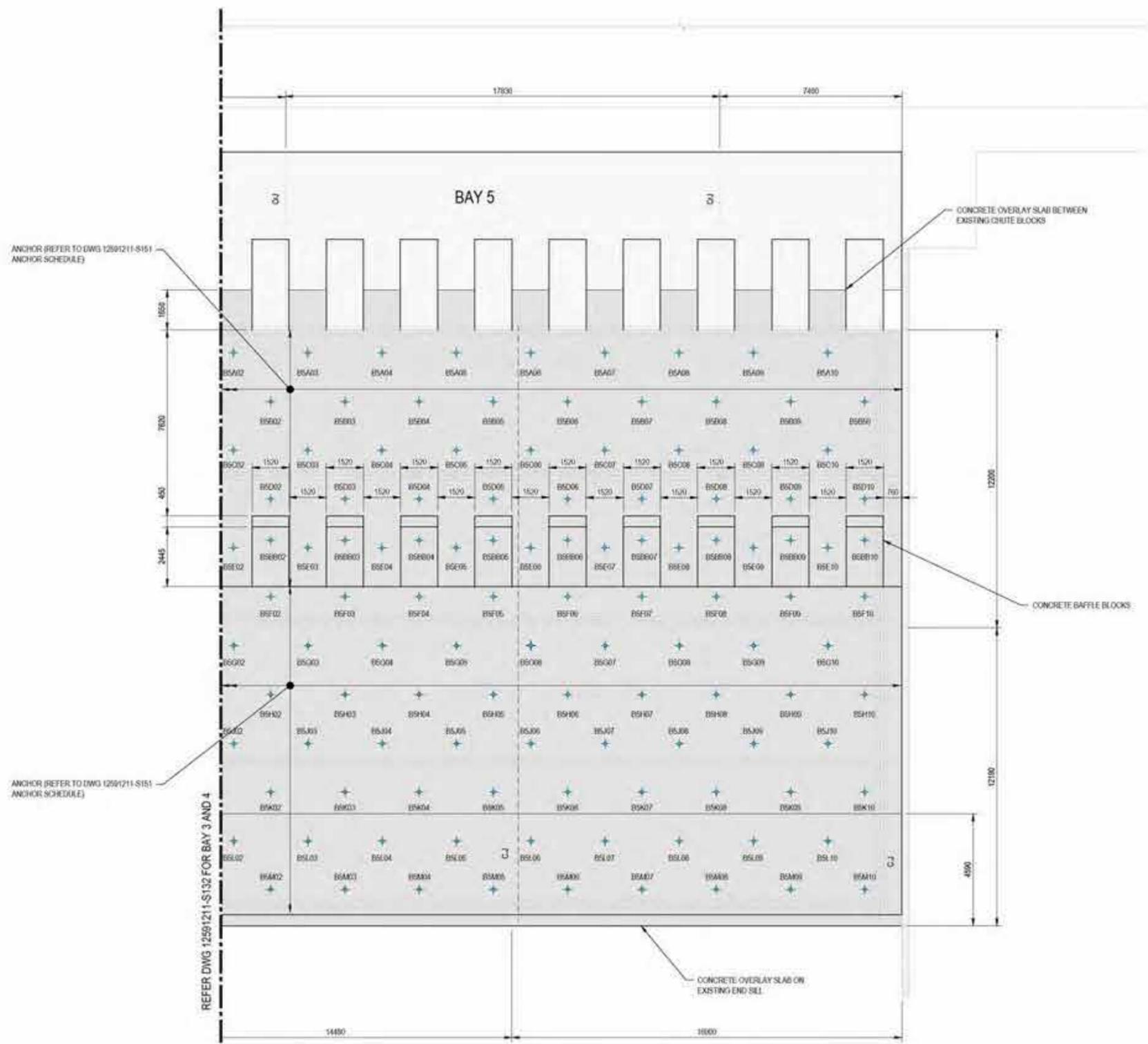
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Project: SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT
Status: PRELIMINARY
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Drawing Title: STRUCTURAL DISSIPATOR BAY 3 AND 4 PLAN
Status Code: S0
Drawing No: XXXXXX
Project No: 12591211-S132

Size: A1
Rev: A



- LEGEND:**
- 8ERLH 909550 257 Series DOUBLE CORROSION PROTECTION ANCHORS
 - ROW
 - BAY
 - COLUMN
 - BAFFLE BLOCK
 - ENDSILL
 - BAY
 - COLUMN

DISSIPATOR BAY 5 PLAN
SCALE 1:100

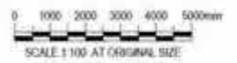
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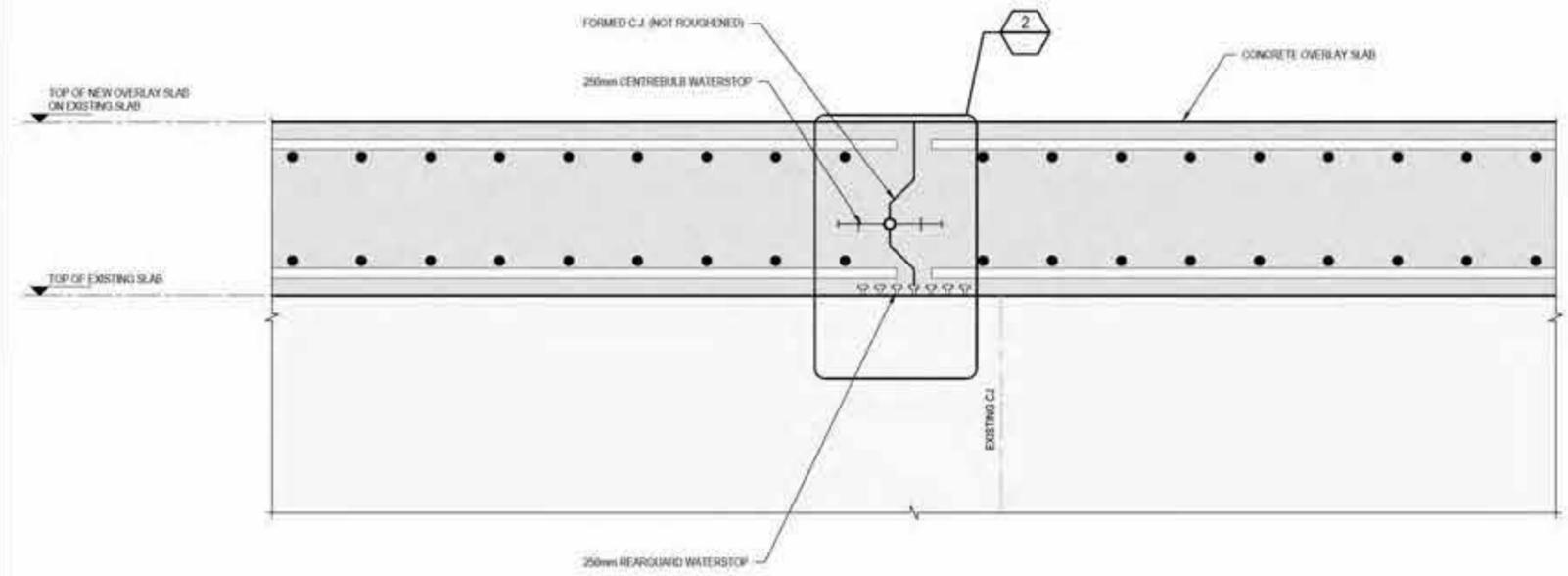


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Designer	J.GALLIP	Design Check		

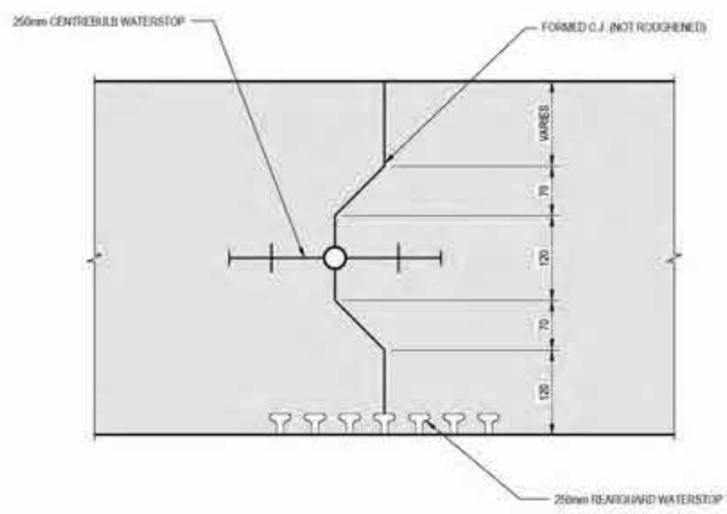


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Status: PRELIMINARY
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Status Code: SO

Drawing Title: STRUCTURAL DISSIPATOR BAY 5 PLAN
Drawing No: XXXXXX
Drawing Ref: 12591211-S133
Scale: A1
Rev: A

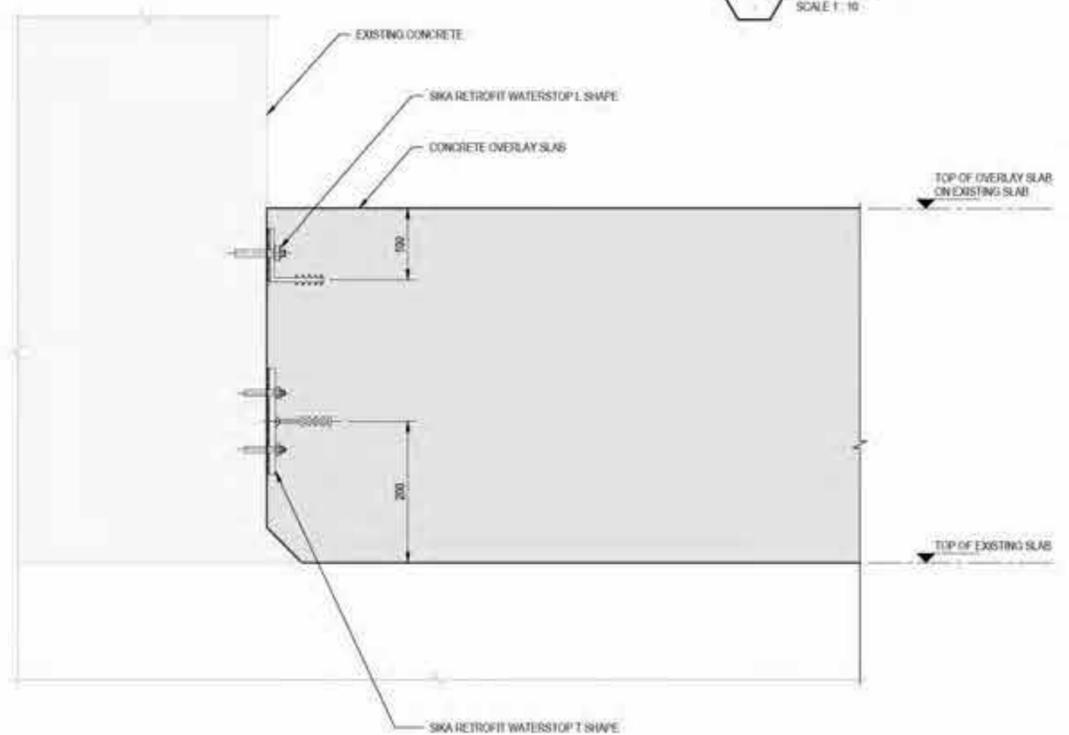


CONTRACTION JOINT TYPICAL DETAIL



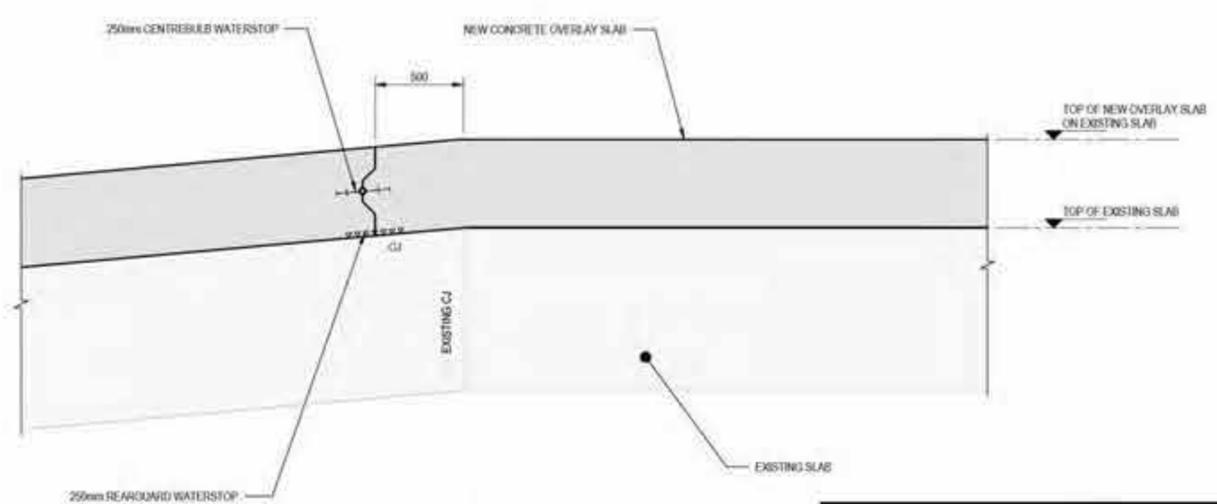
2 DETAIL
SCALE: 1:5

1 DETAIL
SCALE: 1:10



CONTRACTION JOINT TO NEW CONCRETE
TYPICAL DETAIL

3 DETAIL
SCALE: 1:5



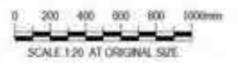
4 DETAIL
SCALE: 1:20

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Rev	Description	Checked	Approved	Date
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Author	EPVZ	Drafting Check		
Designer	J.GALLIP	Design Check		



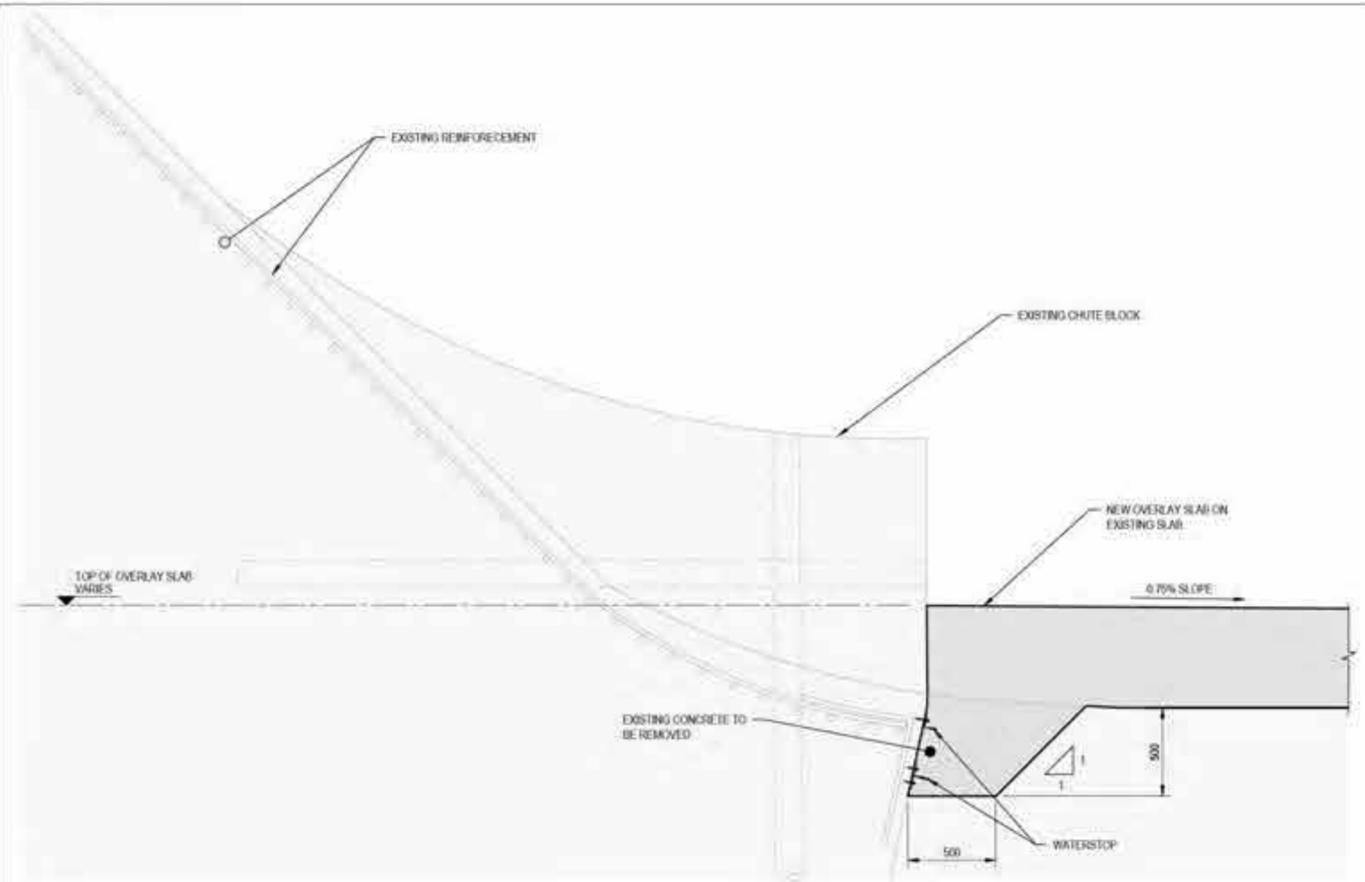
Level 7, 16 Marcus Clarke Street
 Canberra ACT 2601 Australia
 GPO Box 1877 Canberra ACT 2601
 T 61 2 6113 3200 F 61 2 6113 3299
 E cbrmail@ghd.com W www.ghd.com



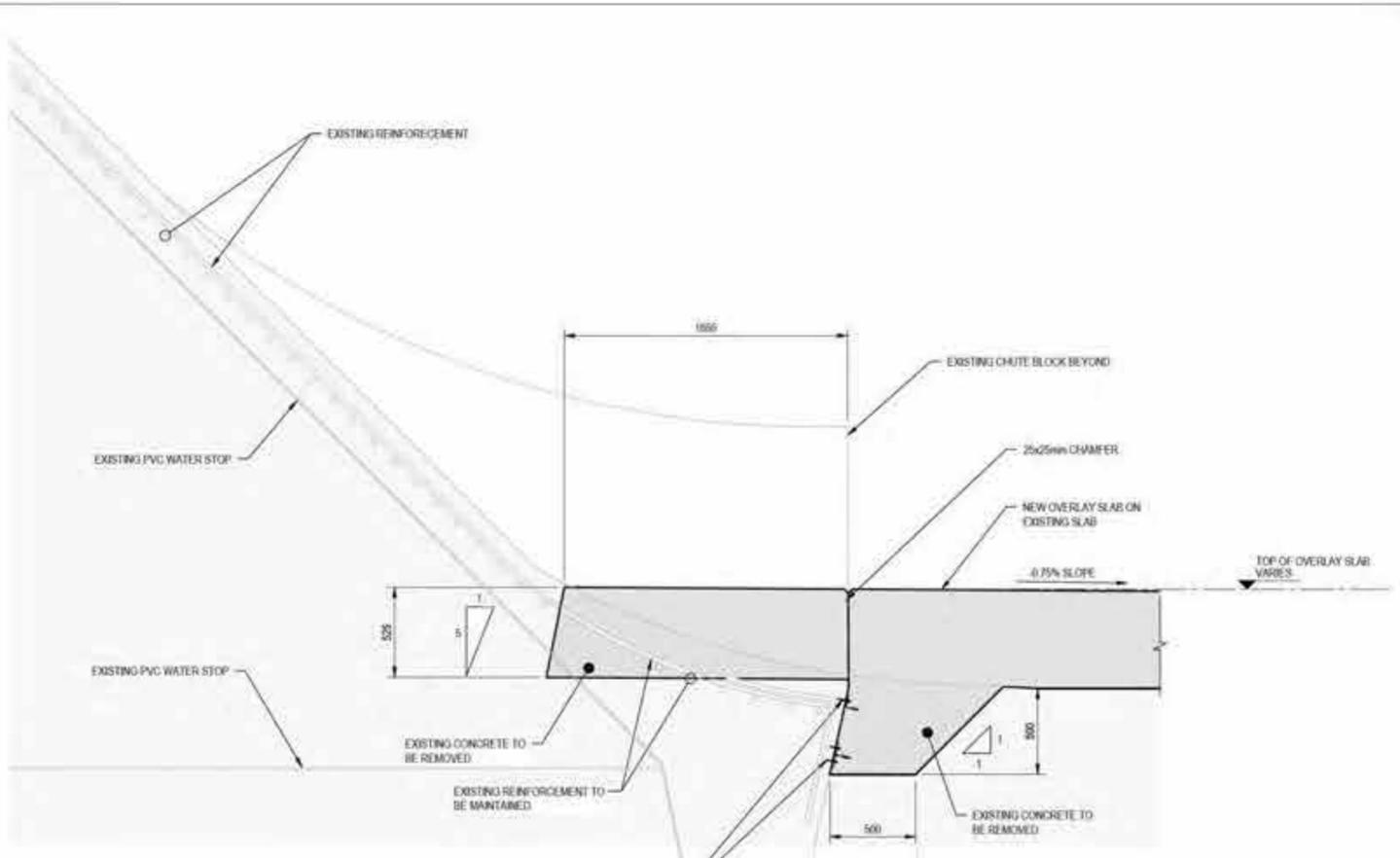
Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR
 STRENGTHENING PROJECT
 Status: PRELIMINARY
 Station Code: S0

Drawing Title: STRUCTURAL
 TYPICAL JOINT DETAILS

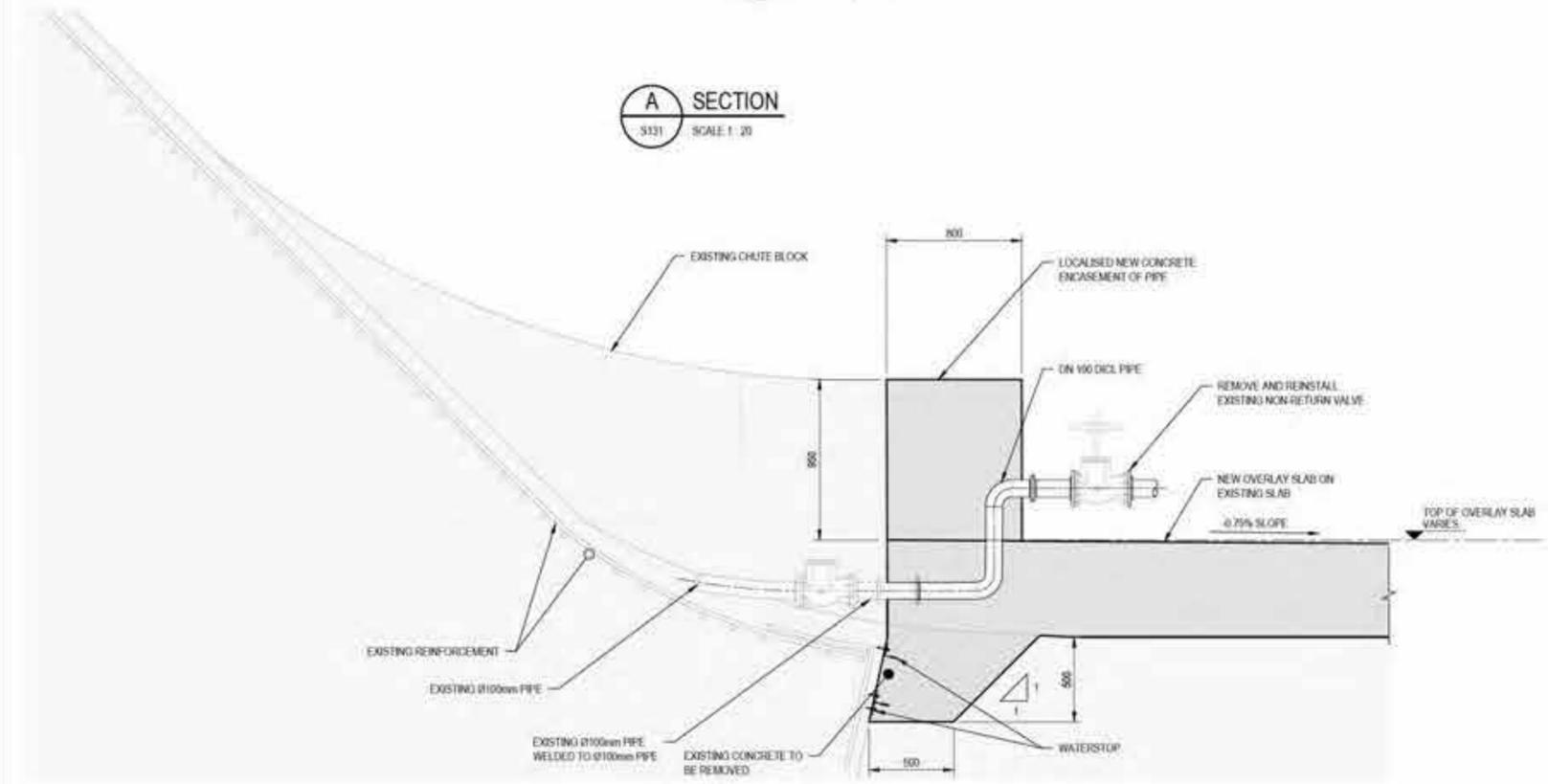
Project No: 12591211
 Station Code: S0
 Drawing No: XXXXXX
 Revision: A



A SECTION
S131 SCALE 1:20



B SECTION
S131 SCALE 1:20



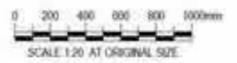
C SECTION
S132 SCALE 1:20

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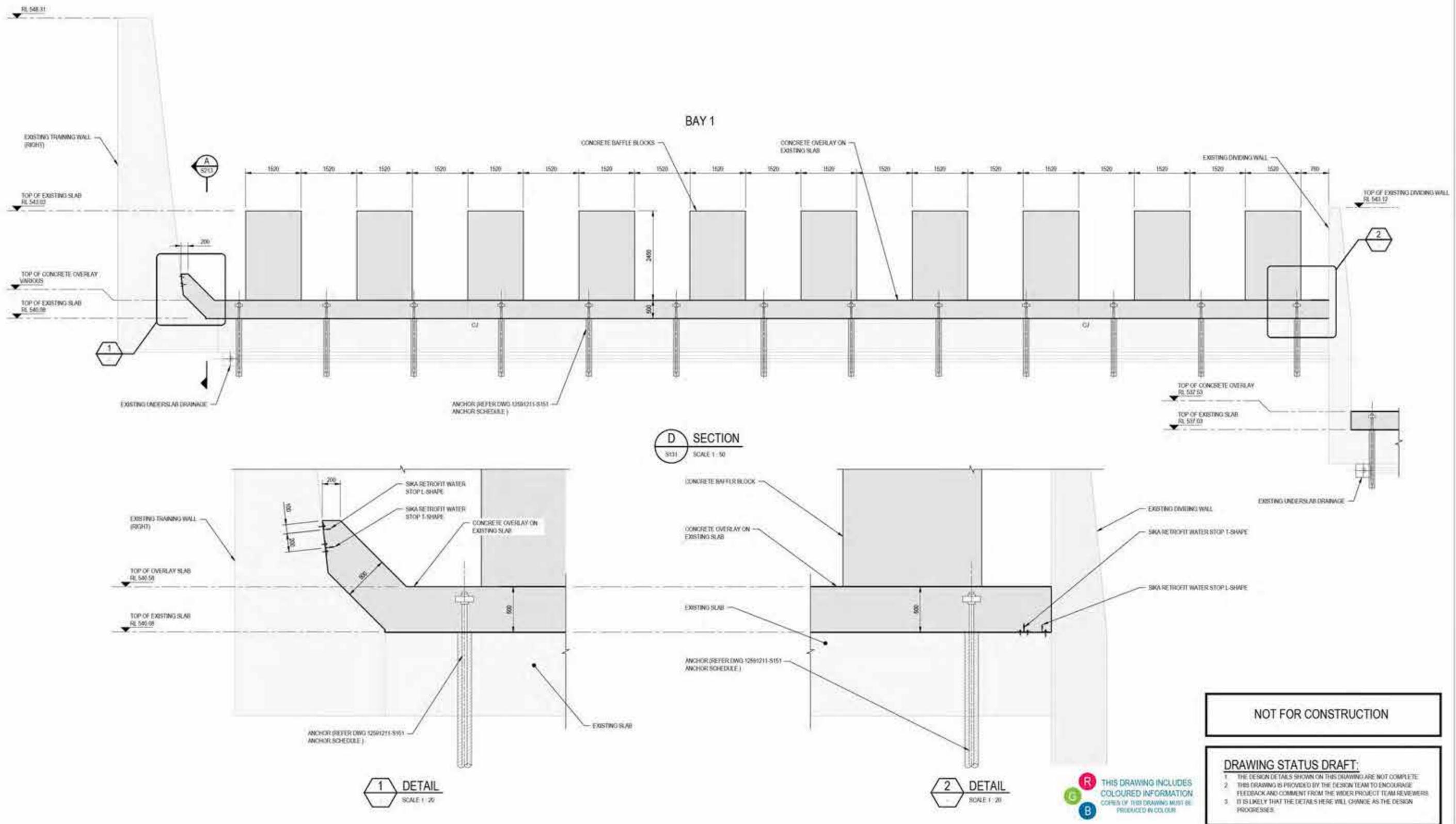
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Rev	Description	Checked	Approved	Date
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Author	E.PAZ	Drafting Check		
Designer	J.GALLIP	Design Check		



Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT
 Station: PRELIMINARY
 Station Code: S0

Drawing Title: STRUCTURAL
 TYPICAL UPSTREAM TIE-IN DETAILS
 Drawing No: 12591211-S142
 Rev: A

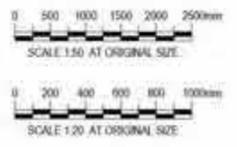


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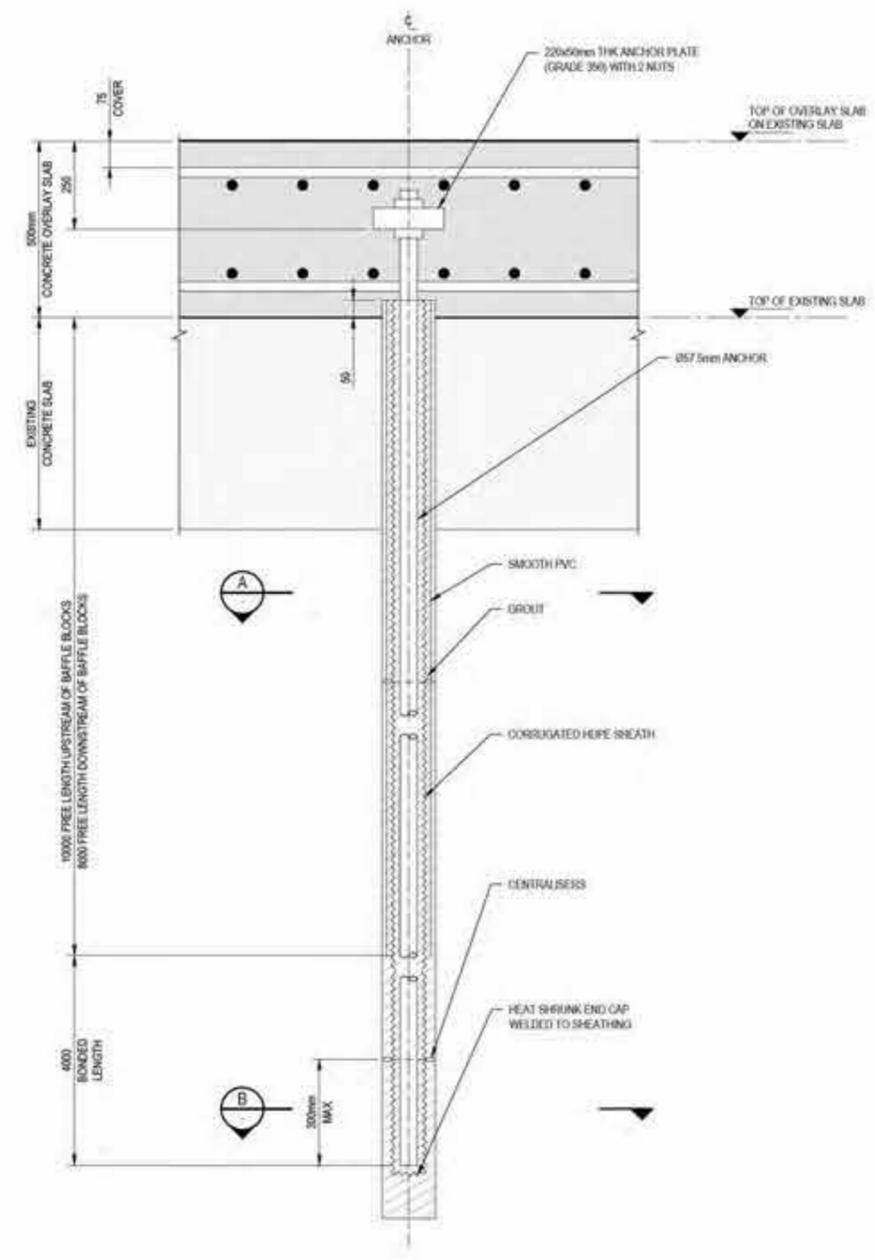
Rev	Description	Checked	Approved	Date
A	PWC SUBMISSION			
Author	E.PAZ	Drafting Check		
Designer	J.GALLIP	Design Check		



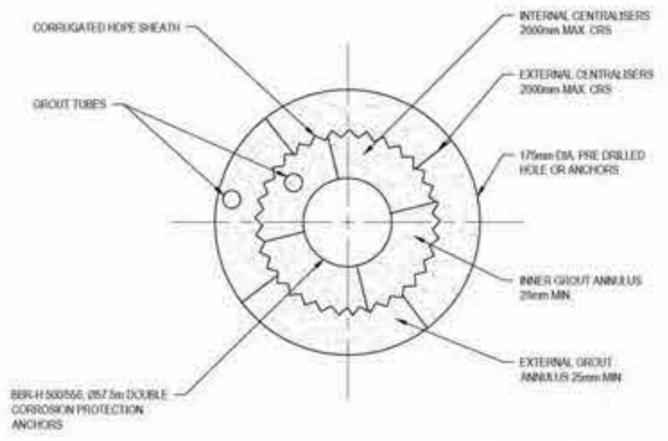
Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT
 Station: PRELIMINARY
 Project No: 12591211

Drawing Title: STRUCTURAL
 BAY 1 TIE IN DETAILS
 Status Code: S0
 Drawing No: 12591211-S143
 Rev: A

ANCHOR SCHEDULE TABLE								
BAY	LOCATION	START	END	BRH ANCHOR ID	ANCHOR GRADE	EMBEDMENT LENGTH (MM)	ROD LENGTH	HOLE Ø
		ANCHOR ID	ANCHOR ID	mm	MPa	m	m	mm
BAY 1	UPSTREAM	B1A01	B1F10	57.5	500	11.5	3	175
	BAFFLE BLOCKS	B1B01	B1B10	57.5	500	11.5	3	175
	DOWNSTREAM	B1G01	B1M10	50	500	8.5	3	175
BAY 2	UPSTREAM	B2A01	B2F11	57.5	500	11.5	3	175
	BAFFLE BLOCKS	B2B01	B2B11	57.5	500	11.5	3	175
	DOWNSTREAM	B2G01	B2M11	50	500	8.5	3	175
BAY 3	UPSTREAM	B3A01	B3F11	57.5	500	11.5	3	175
	BAFFLE BLOCKS	B3B01	B3B11	57.5	500	11.5	3	175
	DOWNSTREAM	B3G01	B3M11	50	500	8.5	3	175
BAY 4	UPSTREAM	B4A01	B4F11	57.5	500	11.5	3	175
	BAFFLE BLOCKS	B4B01	B4B11	57.5	500	11.5	3	175
	DOWNSTREAM	B4G01	B4M11	50	500	8.5	3	175
BAY 5	UPSTREAM	B5A01	B5F11	57.5	500	11.5	3	175
	BAFFLE BLOCKS	B5B01	B5B11	57.5	500	11.5	3	175
	DOWNSTREAM	B5G01	B5M11	50	500	8.5	3	175

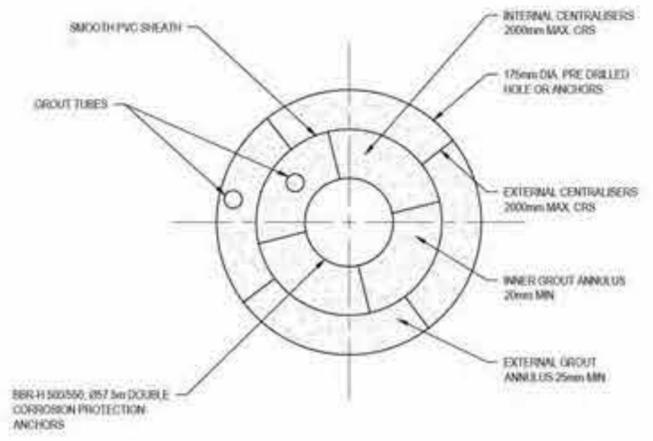


TYPICAL PASSIVE ANCHOR DETAIL
SCALE 1:10



TYPICAL SECTION BONDED THROUGH ANCHOR

A SECTION
SCALE 1:2



TYPICAL SECTION UNBONDED THROUGH ANCHOR

B SECTION
SCALE 1:2

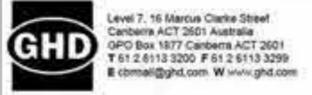
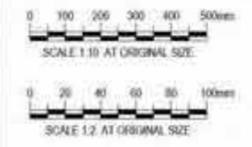
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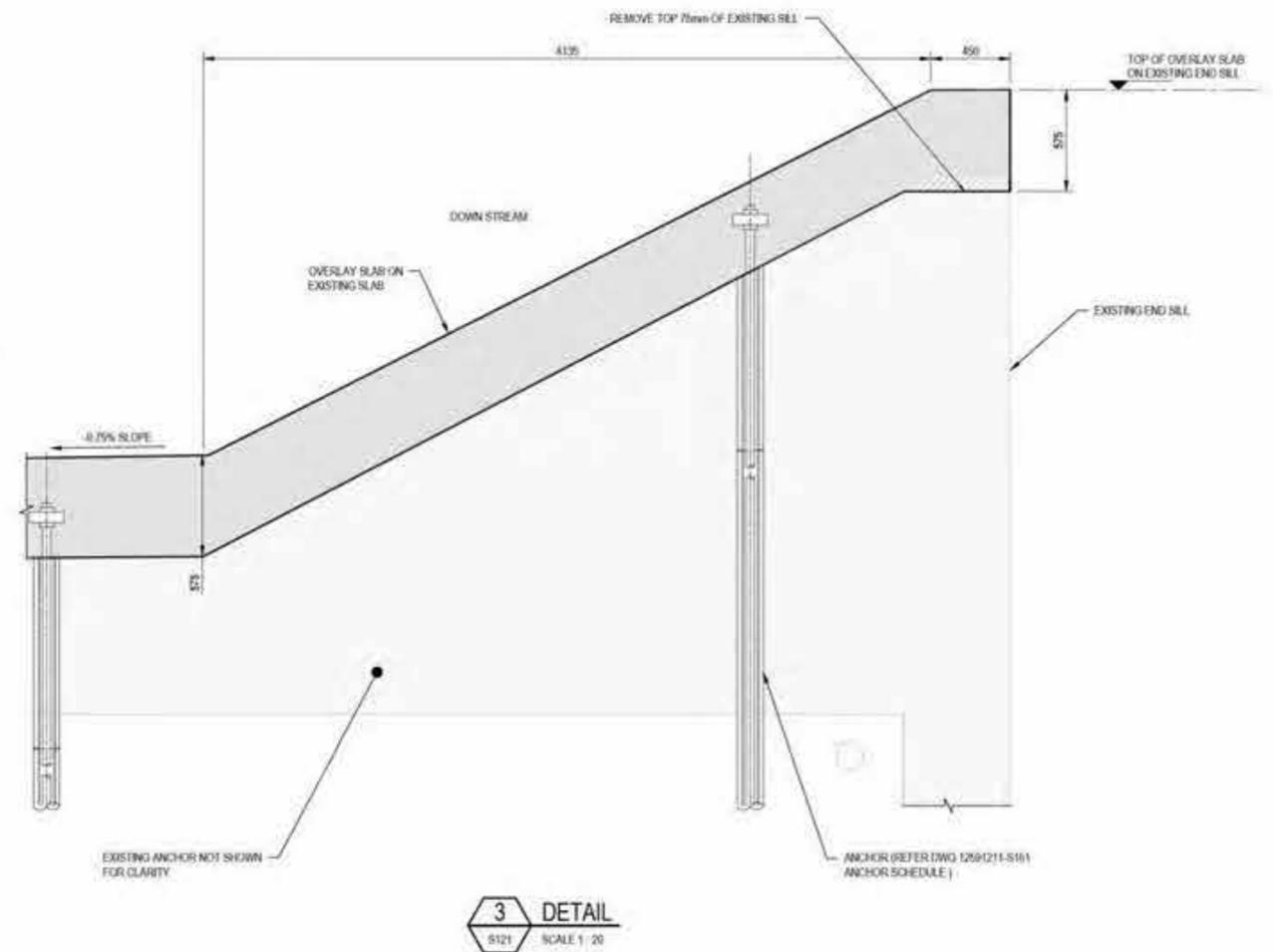
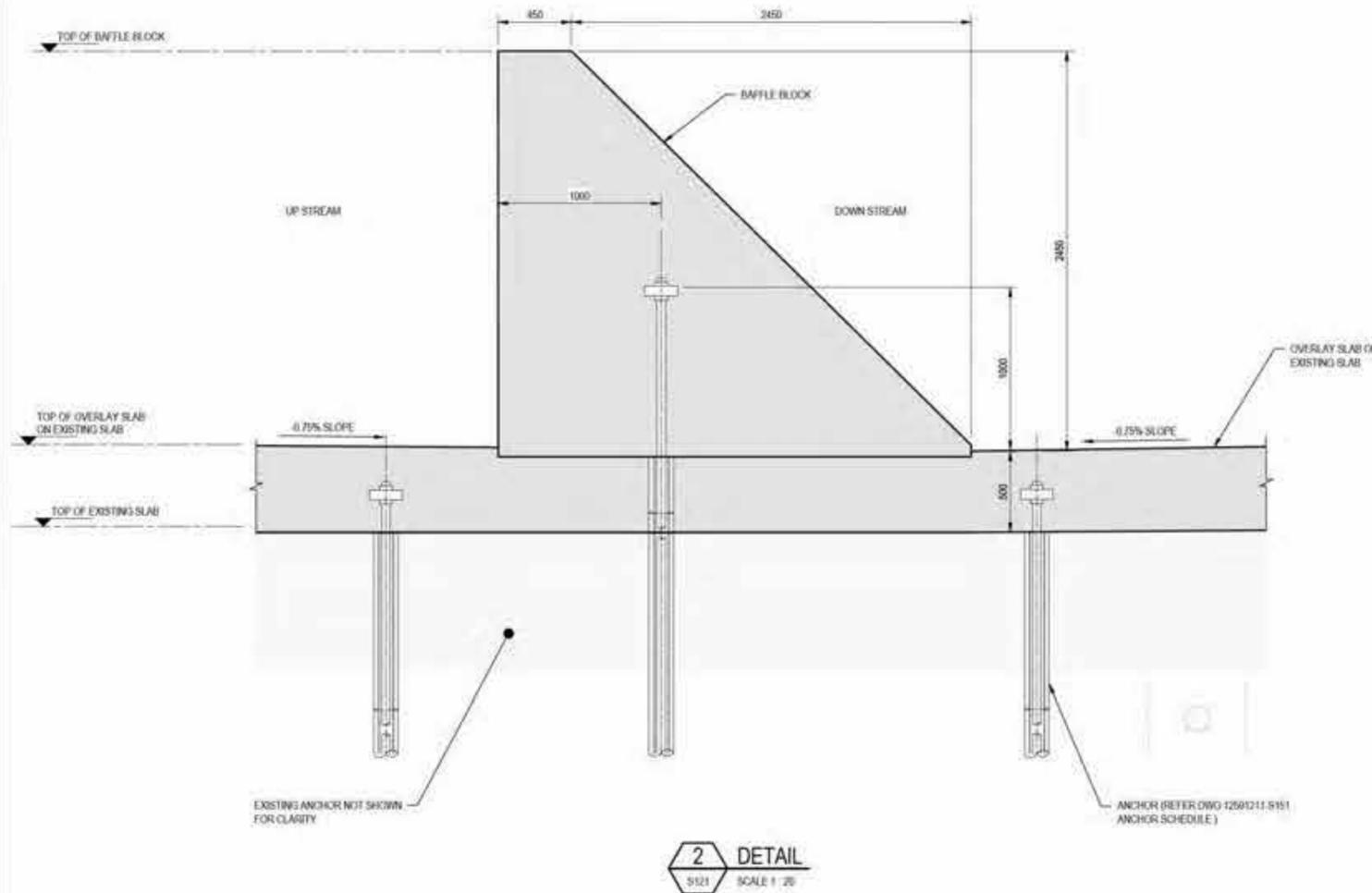
Rev	Description	Checked	Approved	Date
A	PWC SUBMISSION			

Author: E.PAZ
 Designer: J.GALLUP
 Drafting Check: []
 Design Check: []



Client: AUSTRALIAN GOVERNMENT NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT
 Status: PRELIMINARY
 Project No: 12591211
 Status Code: S0

Drawing Title: STRUCTURAL ANCHOR SCHEDULE AND TYPICAL PASSIVE ANCHOR DETAIL
 Drawing No: XXXXXX
 Drawing Date: 12591211-S151
 Scale: A1



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Author	EPKZ	Drafting Check		
Designer	J.GALLIP	Design Check		

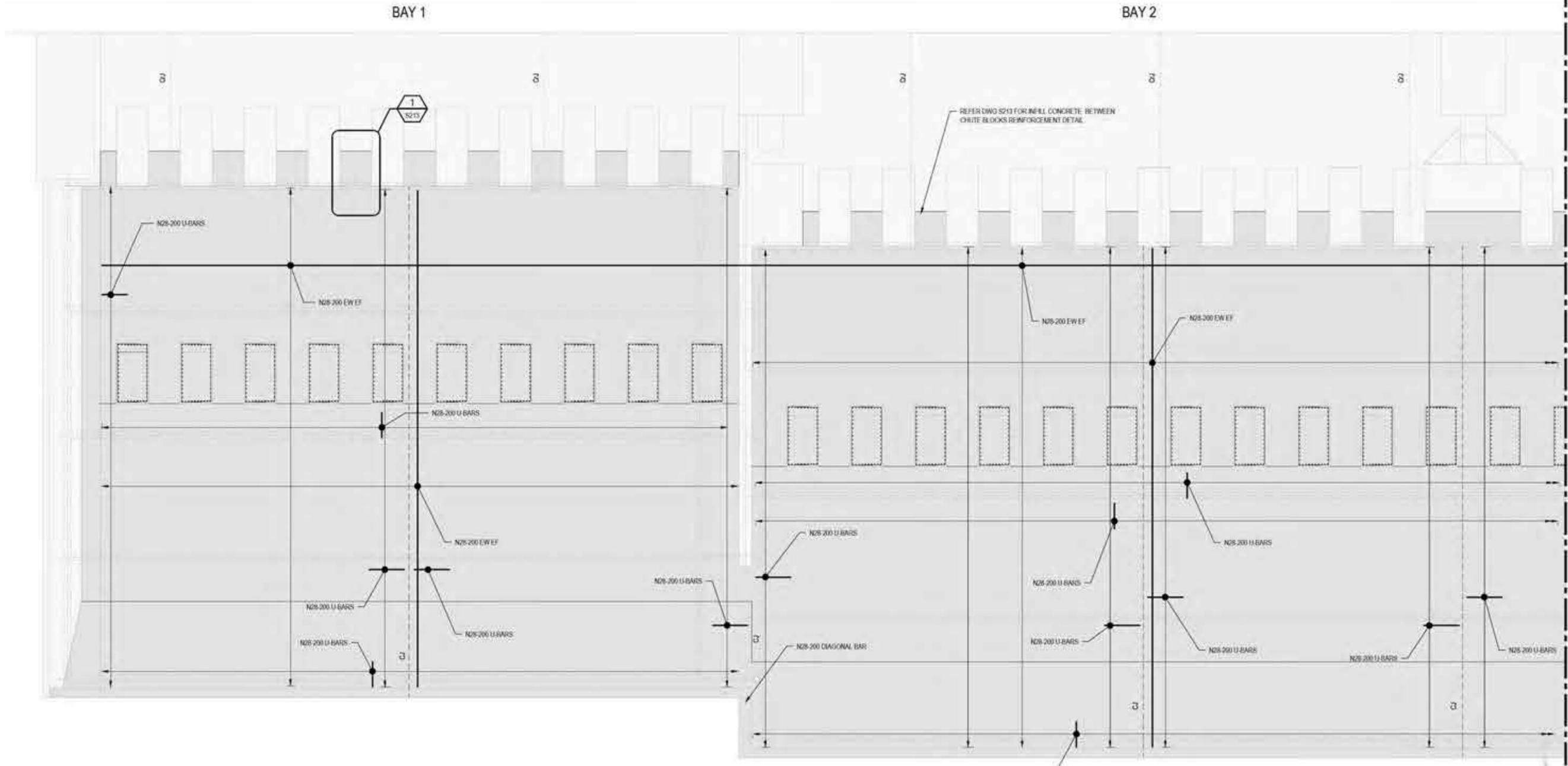


Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR
 STRENGTHENING PROJECT
 Status: PRELIMINARY
 Project No: 12591211

Drawing Title: STRUCTURAL
 BAFFLE BLOCK AND ENDSILL
 SECTION

Status Code: S0
 Drawing No: XXXXXX
 Project No: 12591211-S152

Size: A1
 Rev: A



REFER DWG 12591211-S202 FOR BAY 3 AND 4 REINFORCEMENT PLAN

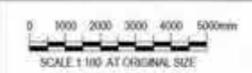
STRUCTURAL REINFORCEMENT PLAN BAY 1 AND 2
SCALE 1:100

NOT FOR CONSTRUCTION

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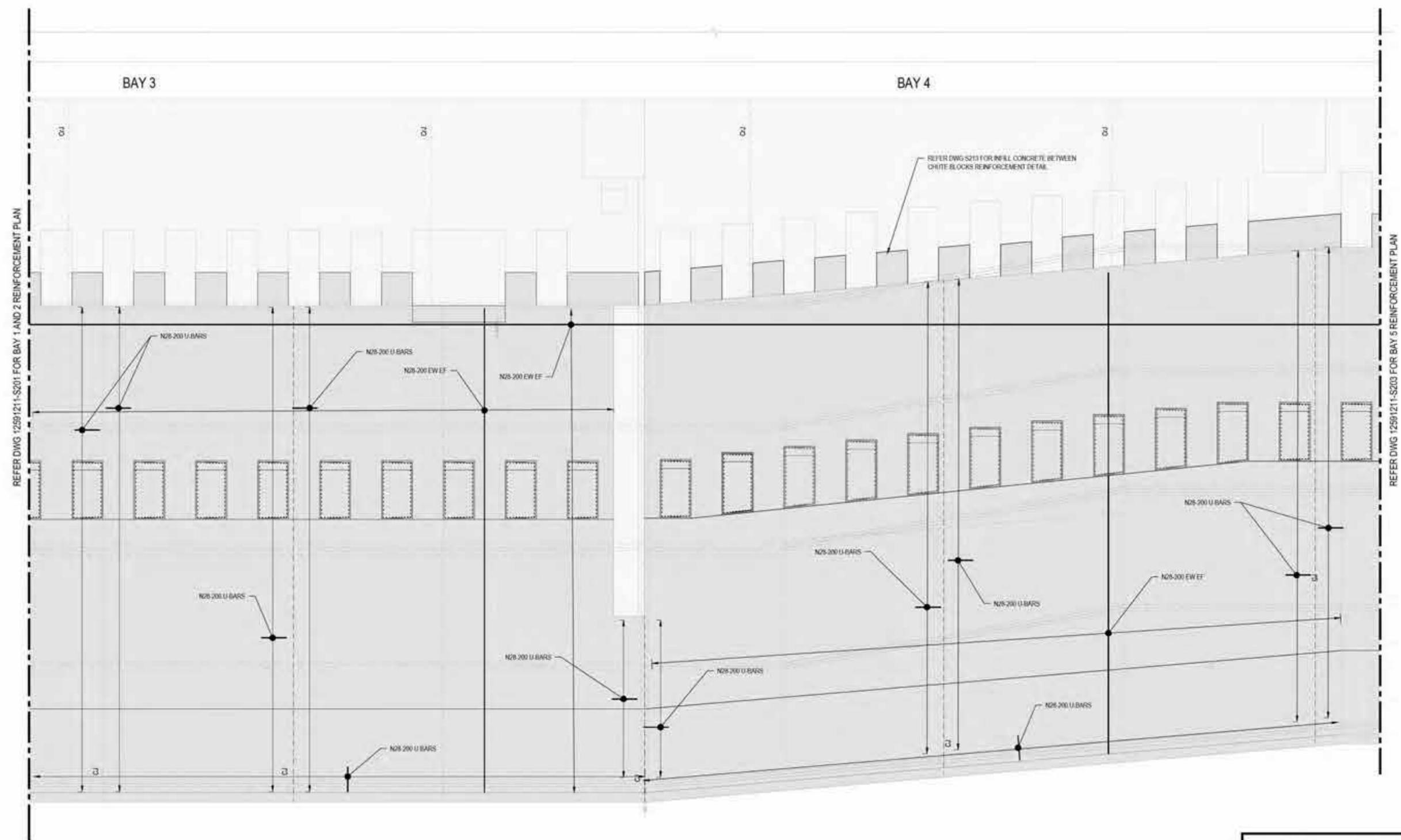
Rev	Description	Checked	Approved	Date
A	PWC SUBMISSION			
Author	E.PAZ	Drafting Check		
Designer	J.GALLIP	Design Check		



Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT
 Status: PRELIMINARY
 Project No: 12591211

Drawing Title: STRUCTURAL REINFORCEMENT PLAN BAY 1 AND 2
 Status Code: S0
 Drawing No: XXXXXX
 Drawing No: 12591211-S201

Size: A1
 Rev: A



STRUCTURAL REINFORCEMENT PLAN BAY 3 AND 4
SCALE 1:100

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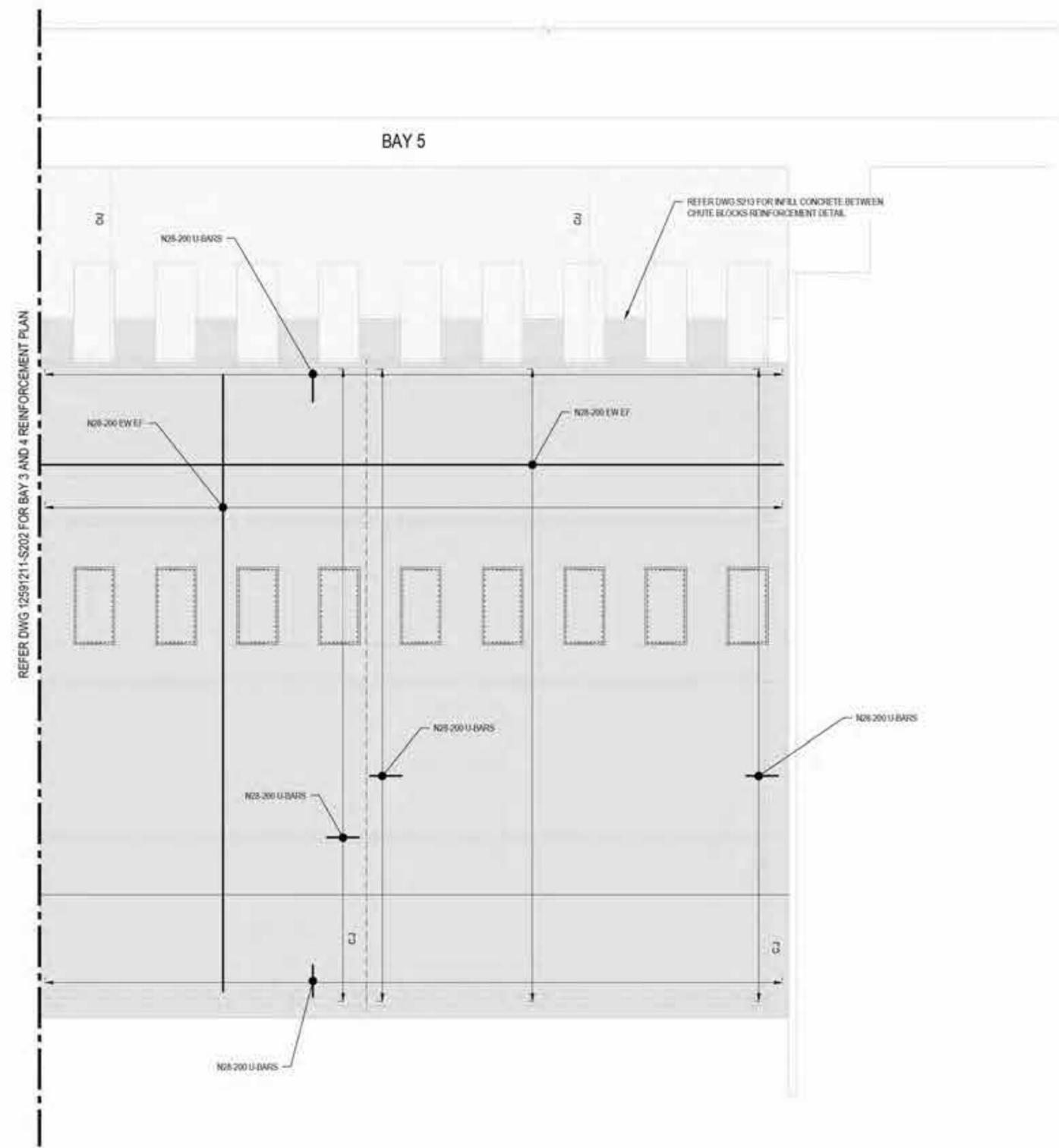
Rev	Description	Checked	Approved	Date
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Author	L. EBOKEIRA	Drafting Check		
Designer	J. GALLUP	Design Check		



Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT
 Station: PRELIMINARY
 Project No: 12591211

Drawing Title: STRUCTURAL REINFORCEMENT PLAN BAY 3 AND 4
 Station Code: S0
 Drawing No: XXXXXX
 Drawing ID: 12591211-S202

Size: A1
 Rev: A



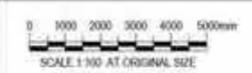
STRUCTURAL REINFORCEMENT PLAN BAY 5
SCALE 1:100

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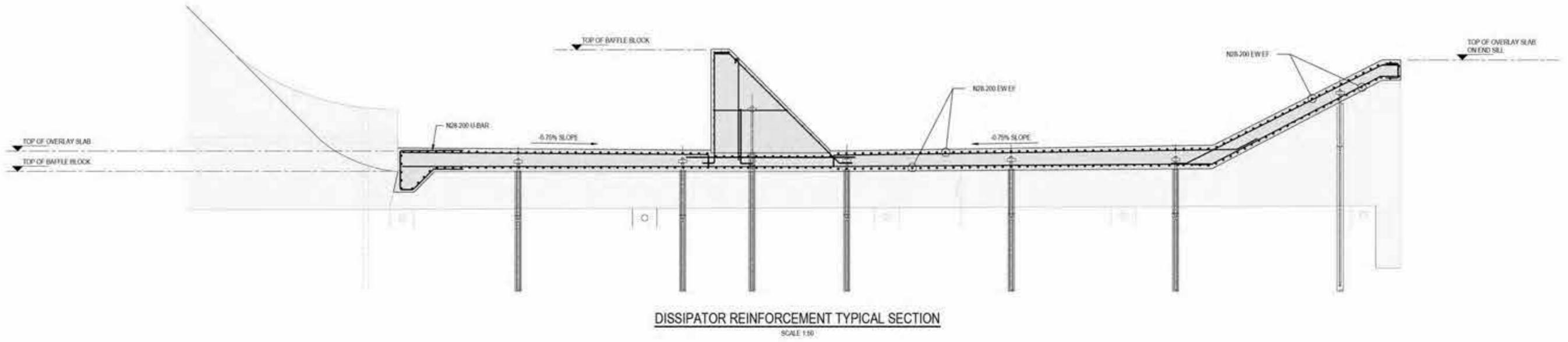
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Author	L. EROGIERRA	Drafting Check		
Designer	J. GALLIP	Design Check		



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 Status: PRELIMINARY
 Project No: 12591211

Drawing Title: STRUCTURAL REINFORCEMENT PLAN BAY 5
 Status Code: S0
 Drawing No: XXXXXX
 Project No: 12591211-S203
 Revision: A



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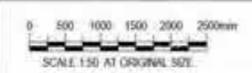
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<p>Author: E.PAZ Designer: J.GALLIP</p> <p>Drafting Check: ... Design Check: ...</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Rev</th> <th style="width: 40%;">Description</th> <th style="width: 10%;">Checked</th> <th style="width: 10%;">Approved</th> <th style="width: 10%;">Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>PWC SUBMISSION</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Rev	Description	Checked	Approved	Date	A	PWC SUBMISSION			
Rev	Description	Checked	Approved	Date							
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Client: AUSTRALIAN GOVERNMENT
NATIONAL CAPITAL AUTHORITY

Project: SCRIVENER DAM DISSIPATOR
STRENGTHENING PROJECT

Project No: 12591211

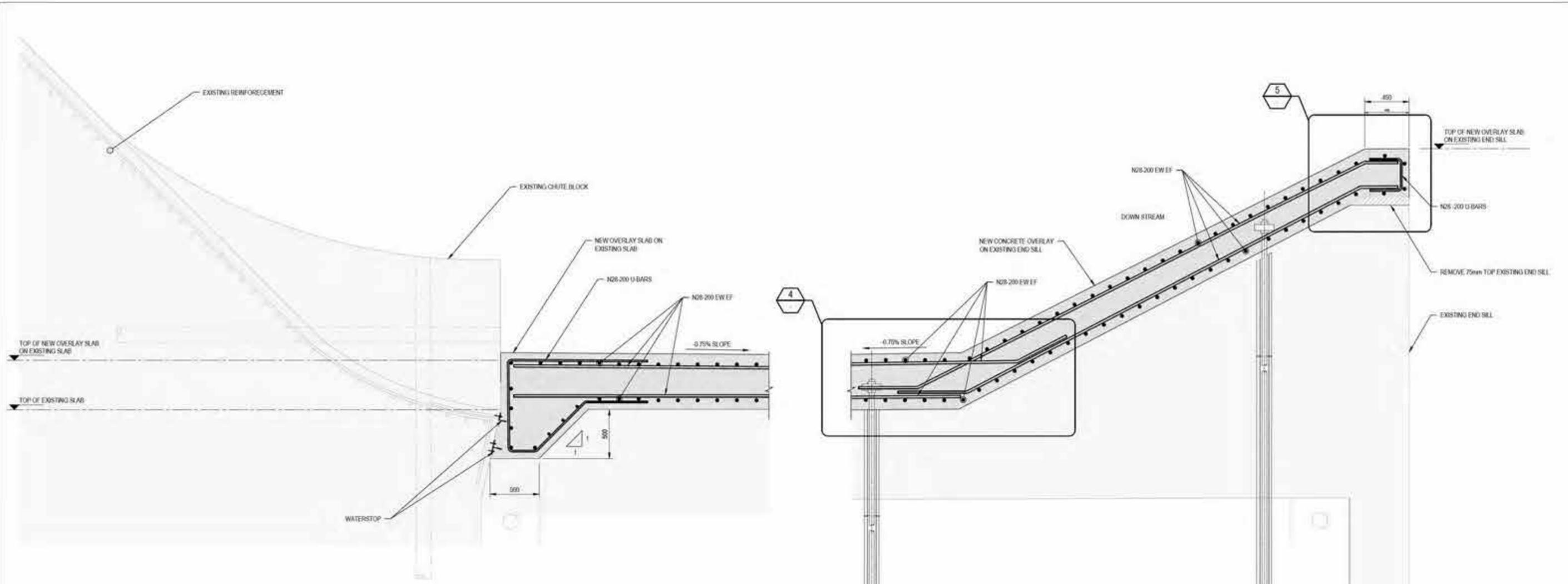
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Drawing Title: STRUCTURAL
REINFORCEMENT TYPICAL SECTION
SHEET 1

Status Code: S0

12591211-S211

Size: A1
Rev: A



2 DETAIL
S211 SCALE 1:20

3 DETAIL
S211 SCALE 1:20

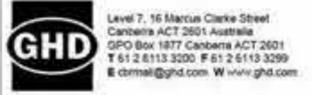
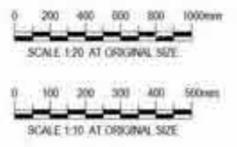
4 DETAIL
SCALE 1:10

5 DETAIL
SCALE 1:10

NOT FOR CONSTRUCTION

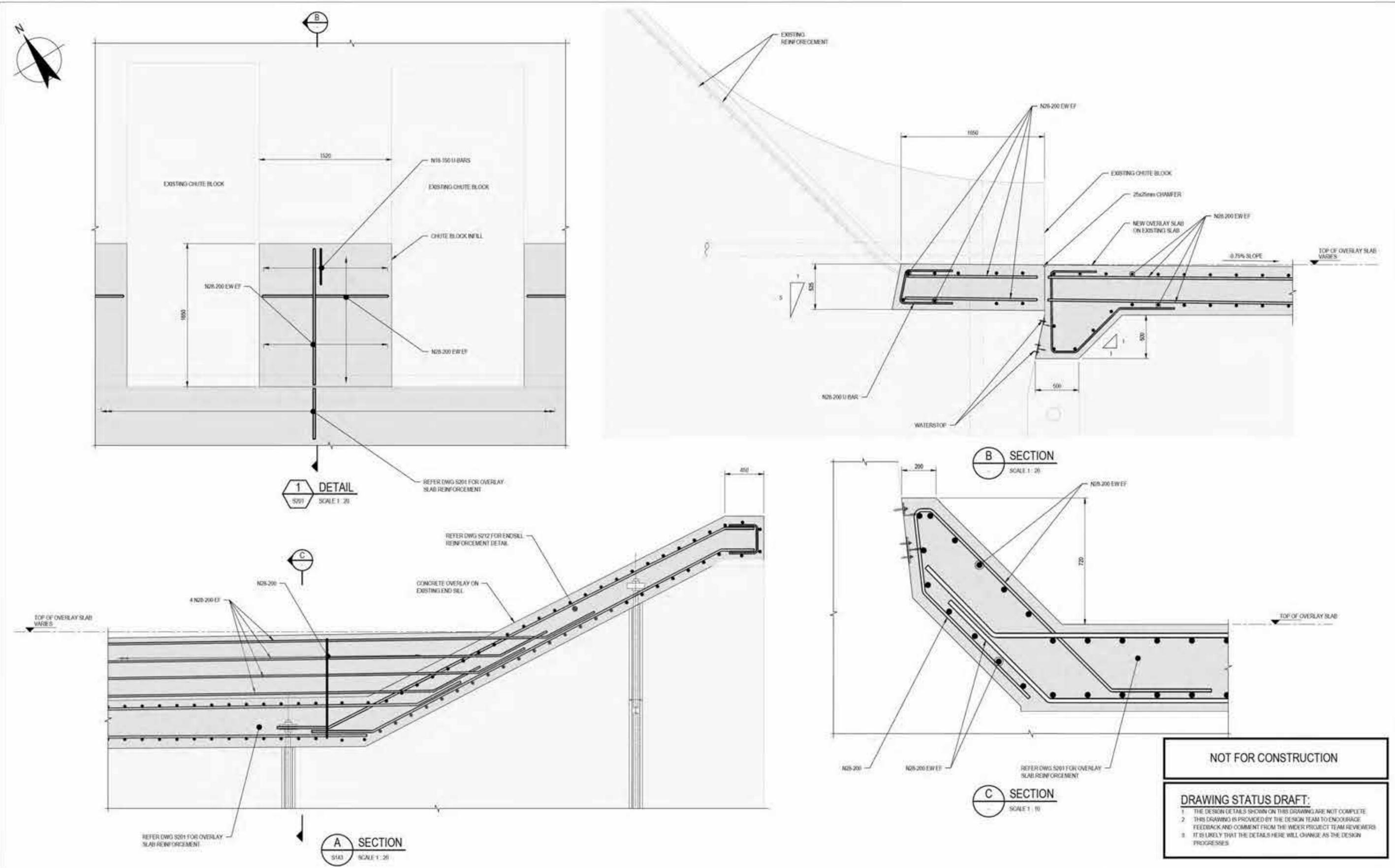
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Author	E.PAZ	Drafting Check		
Designer	J.GALLIB	Design Check		



Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT
 Status: PRELIMINARY
 Project No: 12591211

Drawing Title: STRUCTURAL REINFORCEMENT TYPICAL SECTION SHEET 2
 Status Code: S0
 Drawing No: XXXXXX
 Drawing No: 12591211-S212



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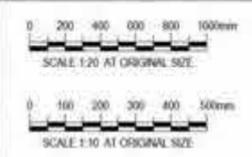
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A	PRELIMINARY			

Author: E.PAZ
Designer: J.GALLIP

Drafting Check: _____
Design Check: _____



Client: AUSTRALIAN GOVERNMENT
NATIONAL CAPITAL AUTHORITY

Project: SCRIVENER DAM DISSIPATOR
STRENGTHENING PROJECT

Project No: 12591211

Status: PRELIMINARY

Drawing Title: STRUCTURAL
REINFORCEMENT TYPICAL SECTION
SHEET 3

Status Code: S0

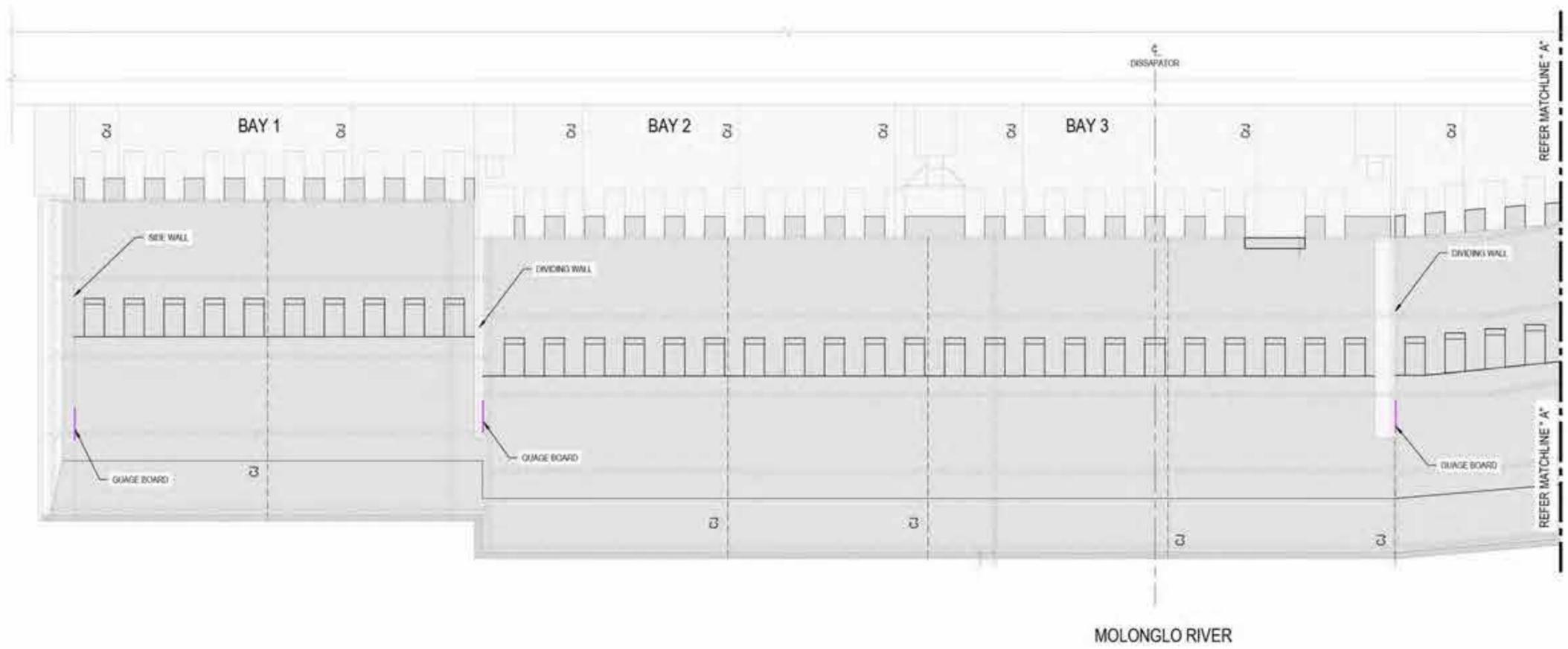
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Project No: 12591211-S213

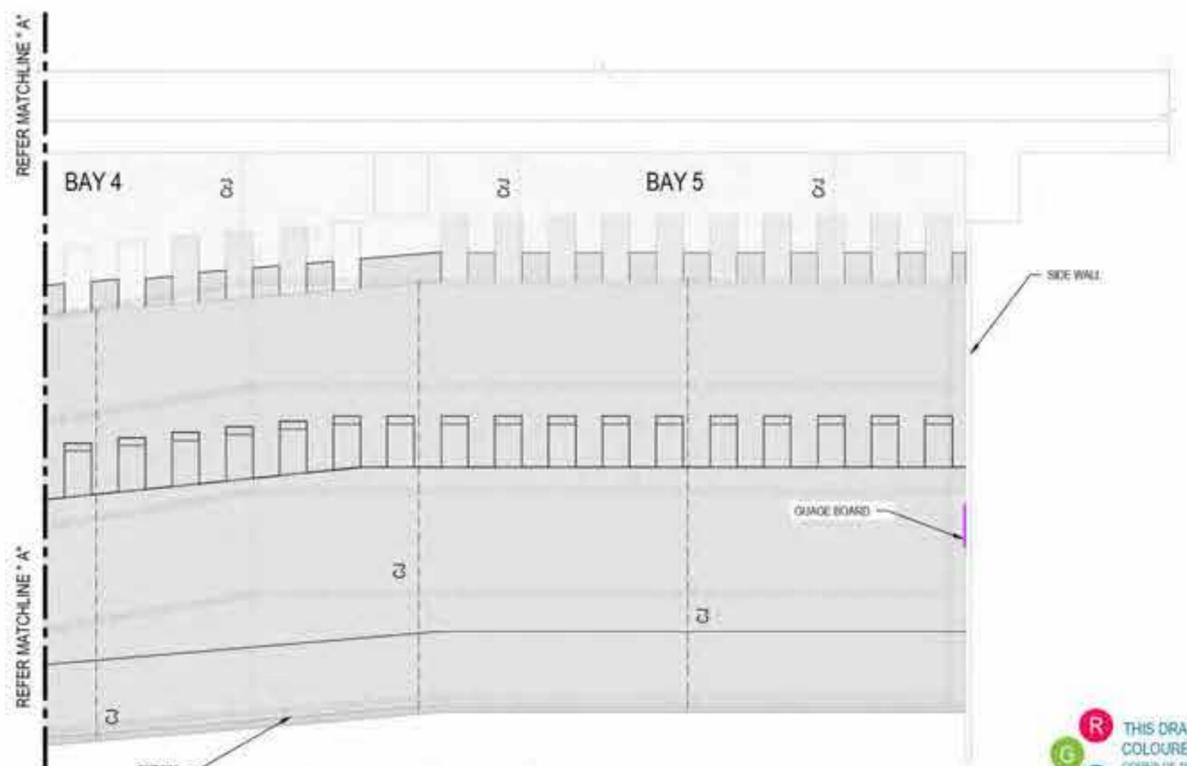
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STAFF GAUGE DETAIL
N73



MOLONGLO RIVER



GAUGE BOARD LOCATION PLAN
SCALE 1:200

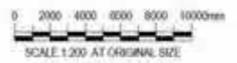
LEGEND:
GAUGE BOARD

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Author	E.PAZ	Drafting Check		
Designer	D.KHOUDAR	Design Check		



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 Canberra ACT 2601 Australia
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 E cbrmail@ghd.com W www.ghd.com



Project No.
12591211

Client AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project SCRIVENER DAM DISSIPATOR
 STRENGTHENING PROJECT
 Status PRELIMINARY

Drawing Title: STRUCTURAL
 GAUGE BOARD LOCATION PLAN
 AND STAFF GAUGE DETAIL
 Status Code: S0
 XXXXXX
 12591211-S301

Size A1
 Rev A

AUSTRALIAN GOVERNMENT NATIONAL CAPITAL AUTHORITY

SCRIVENER DAM TEMPORARY CONSTRUCTION WORKS



LOCALITY PLAN
SCALE: NTS

DRAWING INDEX

DRG No.	TRIM NO.	DRAWING TITLE
12591211-TW000	XXXXXXX	COVER SHEET, LOCALITY PLAN AND DRAWING INDEX
12591211-TW001	XXXXXXX	TEMPORARY CONSTRUCTION WORKS - STAGE 1
12591211-TW002	XXXXXXX	TEMPORARY CONSTRUCTION WORKS - STAGE 2
12591211-TW003	XXXXXXX	TEMPORARY CONSTRUCTION WORKS - COFFERDAM

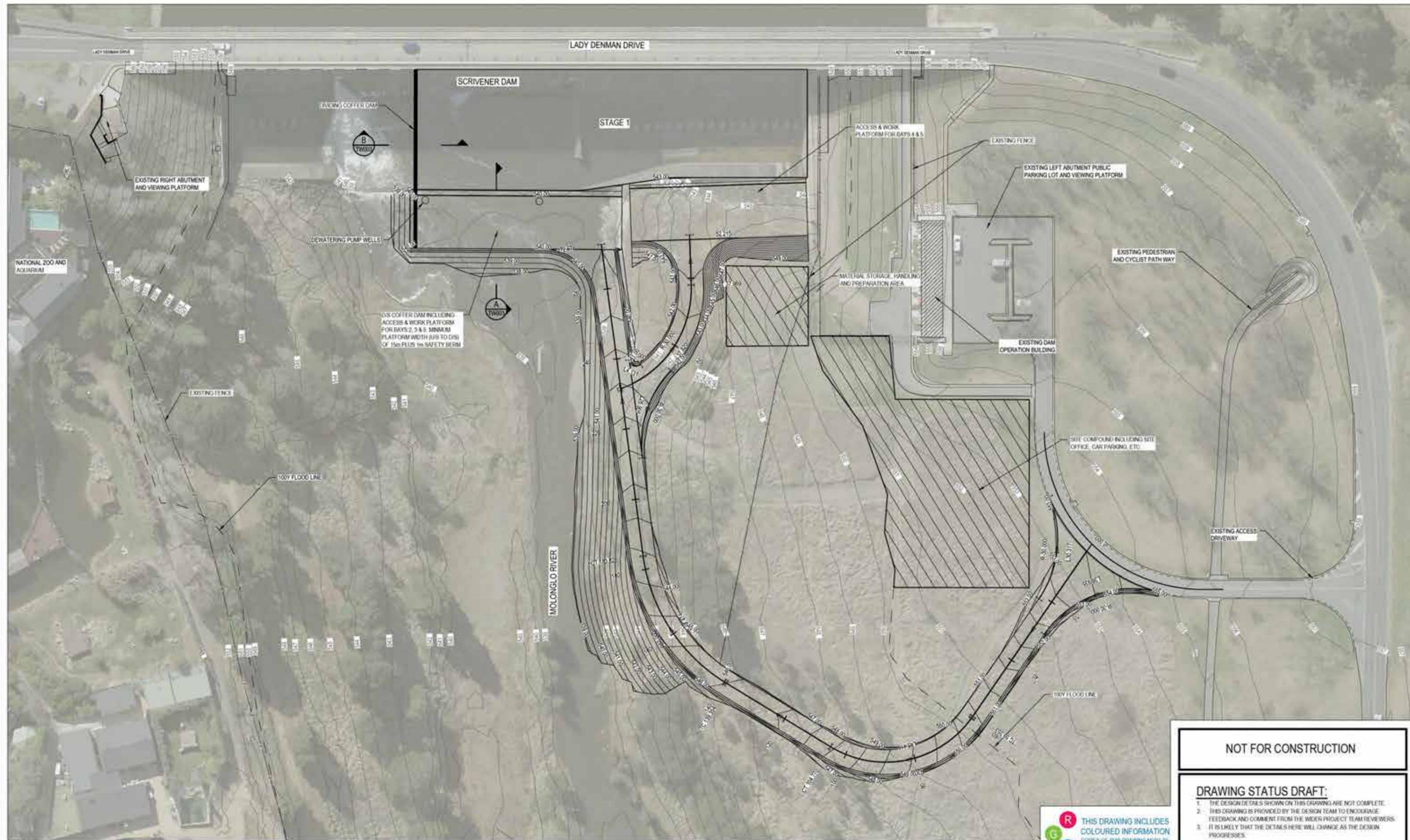
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Rev	Description	Checked	Approved	Date
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Author	E.PAZ	Drafting Check		
Designer	J.GALLIB	Design Check		





CONSTRUCTION TEMPORARY WORKS PLAN
SCALE 1:500

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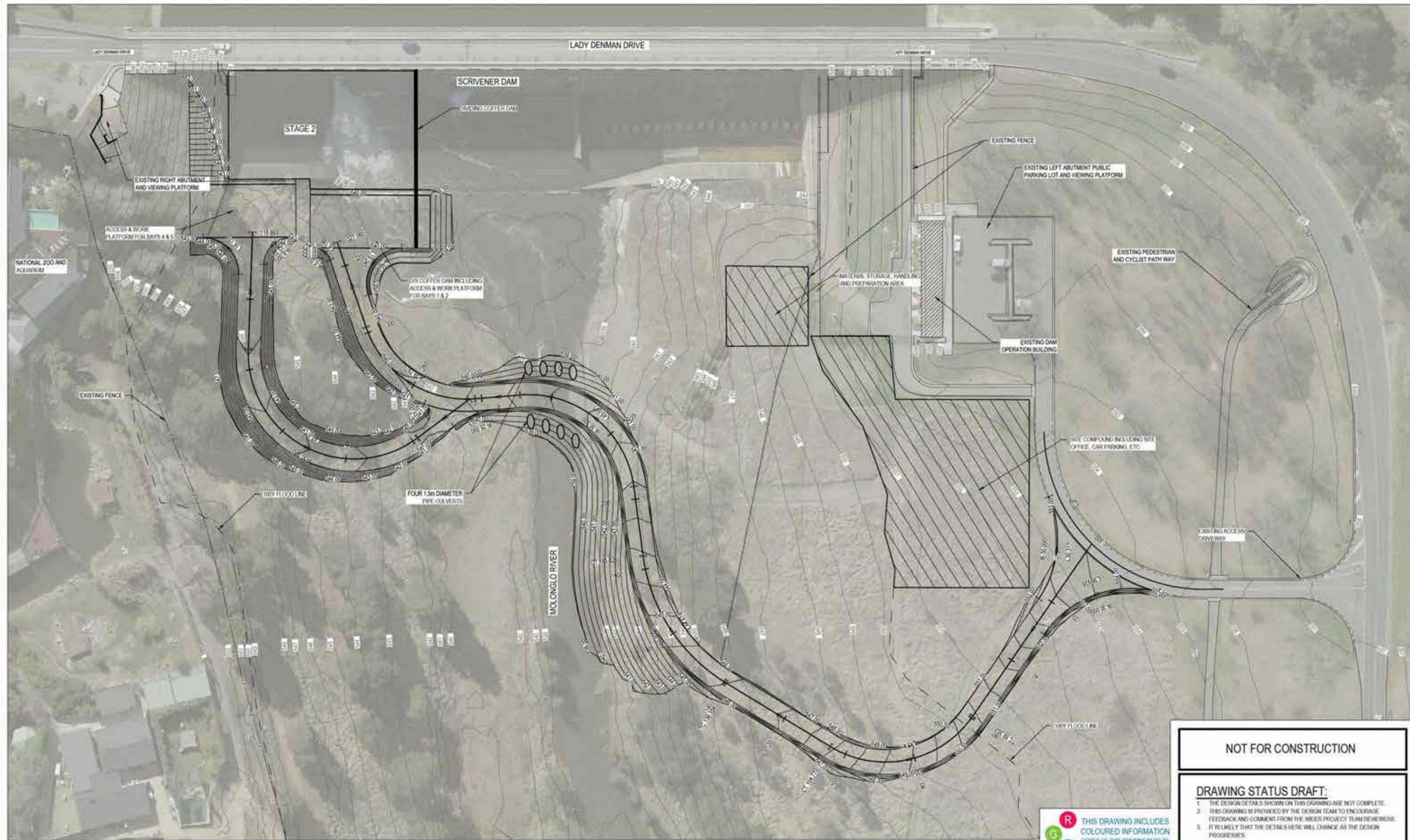
Rev	Description	Checked	Approved	Date
A	PWC SUBMISSION			
Author	L. AQUINO	Drafting Check		
Designer	G. JONES	Design Check		



Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR
 STRENGTHENING PROJECT
 Project No: 12591211
 Status: PRELIMINARY
 Status Code: S0

Drawing Title: CIVIL
 TEMPORARY CONSTRUCTION
 WORKS
 STAGE 1
 Drawing No: XXXXXX
 Drawing No: 12591211-TW001

Size: A1
 Rev: A



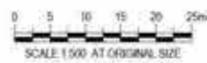
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 2. THIS DRAWING IS PROVIDED BY THE DESIGN TEAM TO ENCOURAGE FEEDBACK AND COMMENT FROM THE WIDER PROJECT TEAM REVIEWERS.
 3. IT IS LIKELY THAT THE DETAILS HERE WILL CHANGE AS THE DESIGN PROGRESSES.

R THIS DRAWING INCLUDES COLOURED INFORMATION
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B

CONSTRUCTION TEMPORARY WORKS PLAN
 SCALE 1:500

Rev	Description	Checked	Approved	Date
A	PWC SUBMISSION			
Author	L. AQUINO	Drafting Check		
Designer	G. JONES	Design Check		



Client: AUSTRALIAN GOVERNMENT
 NATIONAL CAPITAL AUTHORITY
 Project: SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT
 Status: PRELIMINARY
 Project No: 12591211
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Drawing Title: CIVIL TEMPORARY CONSTRUCTION WORKS STAGE 2
 Drawing No: XXXXXX
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Size: A1
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