

# 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
12591211-C005	XXXXXXX	CIVIL SITE PLAN GENERAL ARRANGEMENT
12591211-C020	XXXXXXX	CIVIL ABUTMENT EROSION PROTECTION - LEFT ABUTMENT
12591211-C025	XXXXXXX	CIVIL ABUTMENT EROSION PROTECTION - RIGHT ABUTMENT
12591211-S102	XXXXXXX	STRUCTURAL EXISTING DISSIPATOR ARRANGEMENT PLAN AND SECTION
12591211-S103	XXXXXXX	STRUCTURAL EXISTING DISSIPATOR SECTION
12591211-S104	XXXXXXX	STRUCTURAL EXISTING DISSIPATOR DETAILS
12591211-S105	XXXXXXX	STRUCTURAL EXISTING CHUTE BLOCK REINFORCEMENT DETAILS
12591211-S111	XXXXXXX	STRUCTURAL DISSIPATOR UPGRADE GENERAL ARRANGEMENT
12591211-S121	XXXXXXX	STRUCTURAL DISSIPATOR CONCRETE OVERLAY TYPICAL SECTION
12591211-S131	XXXXXXX	STRUCTURAL DISSIPATOR BAY 1 AND 2 PLAN
12591211-S132	XXXXXXX	STRUCTURAL DISSIPATOR BAY 3 AND 4 PLAN
12591211-S133	XXXXXXX	STRUCTURAL DISSIPATOR BAY 5 PLAN
12591211-S141	XXXXXXX	STRUCTURAL TYPICAL JOINT DETAILS
12591211-S142	XXXXXXX	STRUCTURAL TYPICAL UPSTREAM TIE-IN DETAILS
12591211-S143	XXXXXXX	STRUCTURAL BAY 1 TIE IN DETAILS
12591211-S151	XXXXXXX	STRUCTURAL ANCHOR SCHEDULE AND TYPICAL PASSIVE ANCHOR DETAIL
12591211-S152	XXXXXXX	STRUCTURAL ANCHOR DETAILS
12591211-S201	XXXXXXX	STRUCTURAL REINFORCEMENT PLAN - BAY 1 AND 2
12591211-S202	XXXXXXX	STRUCTURAL REINFORCEMENT PLAN - BAY 3 AND 4
12591211-S203	XXXXXXX	STRUCTURAL REINFORCEMENT PLAN - BAY 5
12591211-S211	XXXXXXX	STRUCTURAL REINFORCEMENT TYPICAL SECTION SHEET 1
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		

Plot Date: 16 June 2023 - 1:30 PM Plotted by: T. Edwards

File Name: g:\hobart\ghd\ALM\Source\Projects\311\12591211\CAAD\Drawings\PWC\_Submission\12591211-G001.dwg



Project No:  
12591211

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

Status  
PRELIMINARY

Status Code  
S0

Drawing Title  
COVER SHEET, LOCALITY PLAN  
AND DRAWING INDEX

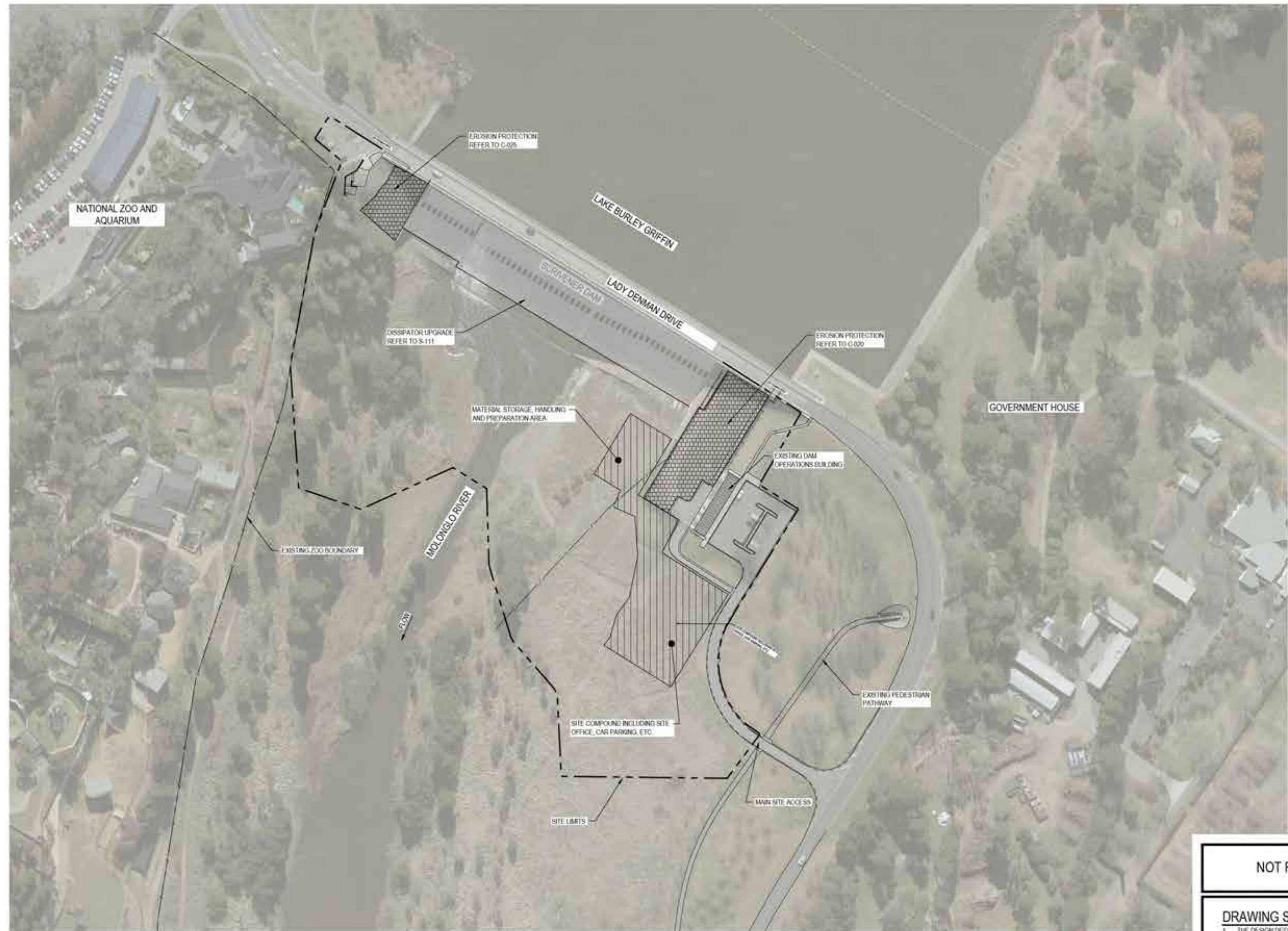
Drawing No.  
XXXXXXX

Drawing No.  
12591211-G001

Size  
A1

Rev  
A





**SITE PLAN LAYOUT**  
SCALE 1:1000

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

0 10 20 30 40 50m  
SCALE 1:1000 AT ORIGINAL SIZE



Project No.  
12591211

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

Status  
**PRELIMINARY**

Status  
Code **S0**

Drawing  
Title  
**SITE PLAN  
GENERAL ARRANGEMENT**

Drawing No.  
**XXXXXX**

Drawing No.  
**12591211-C005**

Size  
**A1**

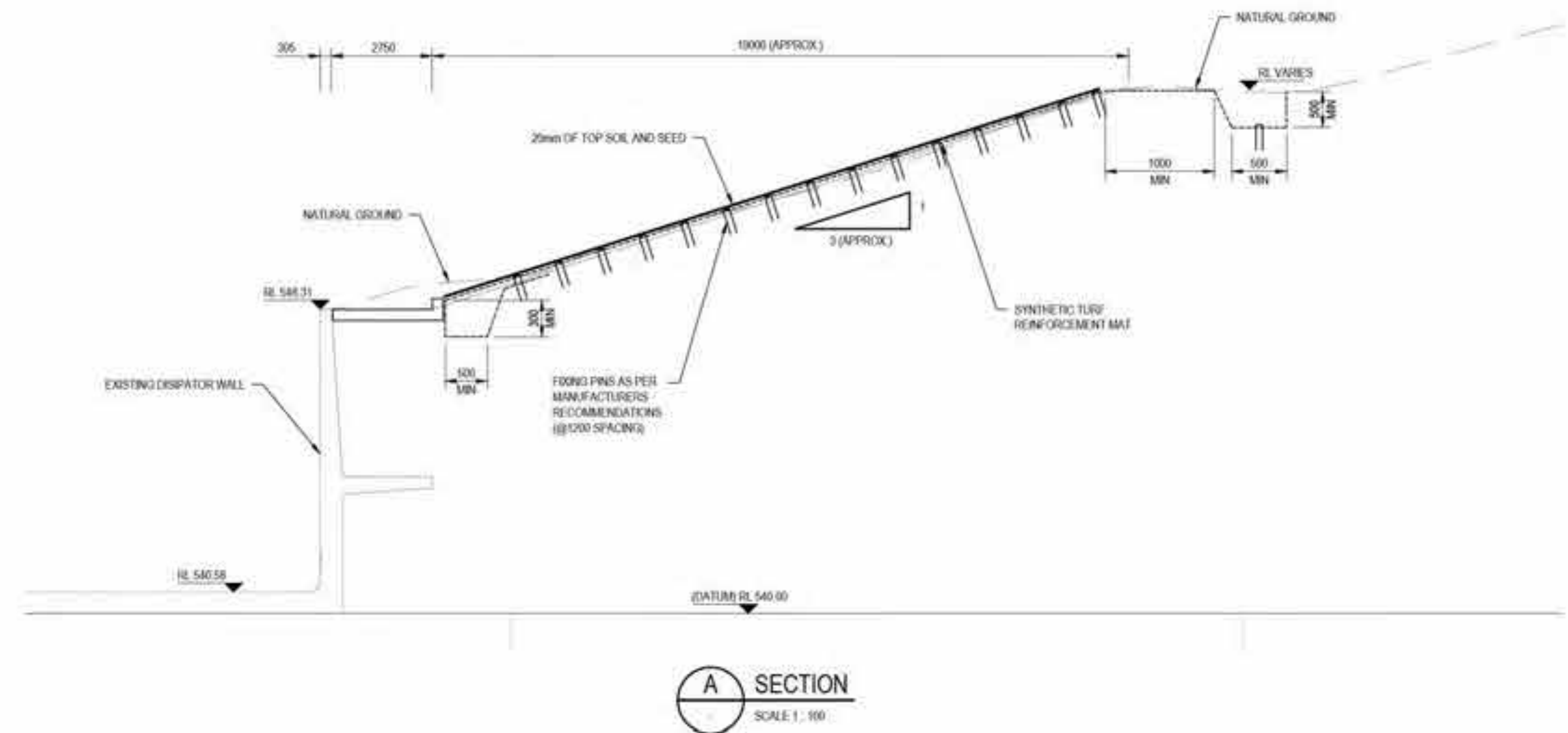
Rev  
**A**





LEFT ABUTMENT EROSION PROTECTION PLAN

SCALE 1:250



A SECTION  
SCALE 1:100

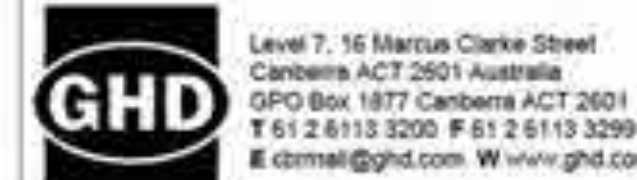
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Status  
PRELIMINARY

Drawing Title  
CIVIL  
ABUTMENT EROSION  
PROTECTION  
LEFT ABUTMENT

Status Code  
S0

XXXXXX

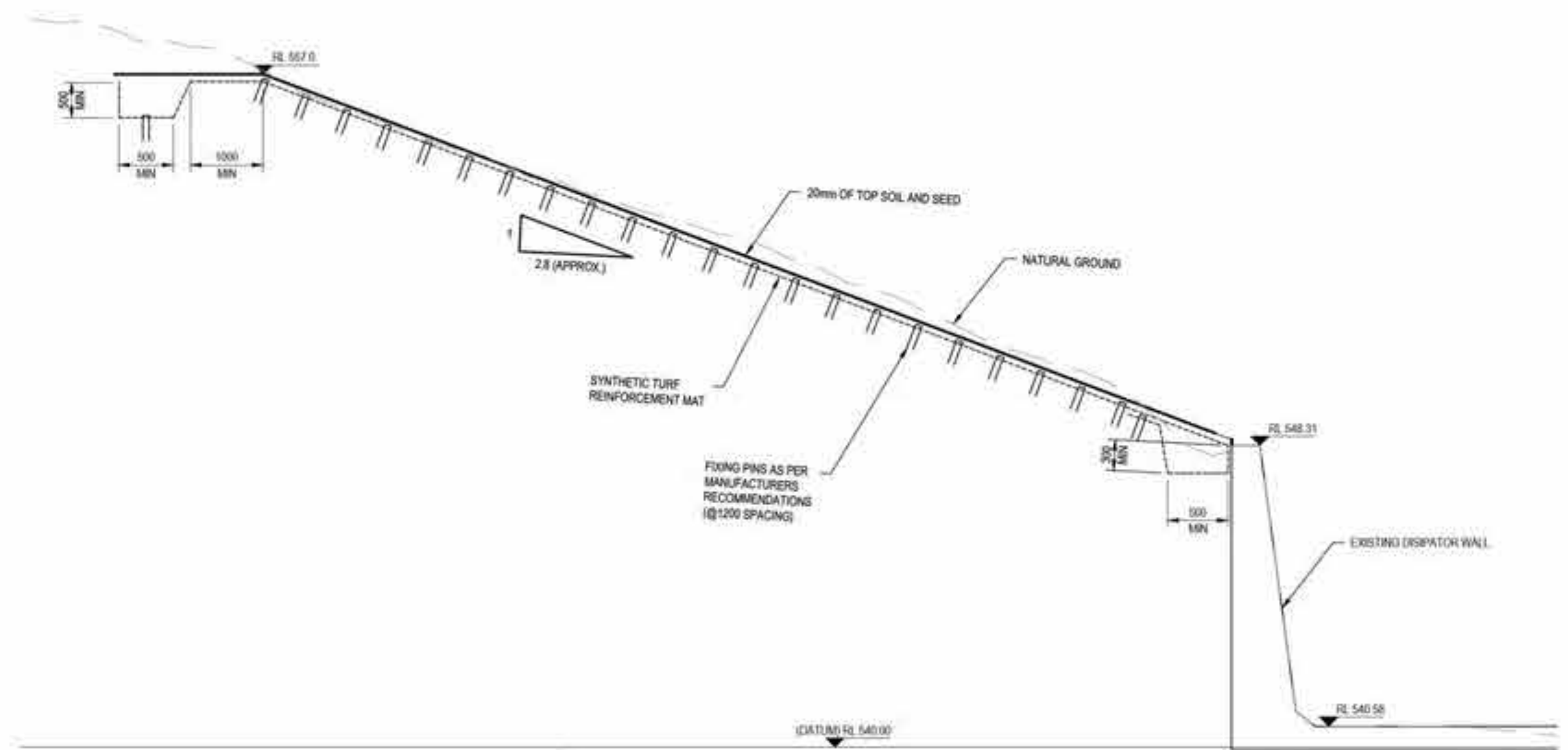
Size  
A1





RIGHT ABUTMENT EROSION PROTECTION PLAN

SCALE 1:250



B SECTION  
SCALE 1:100

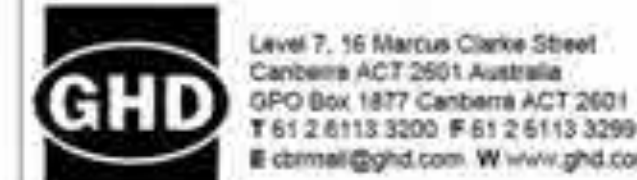
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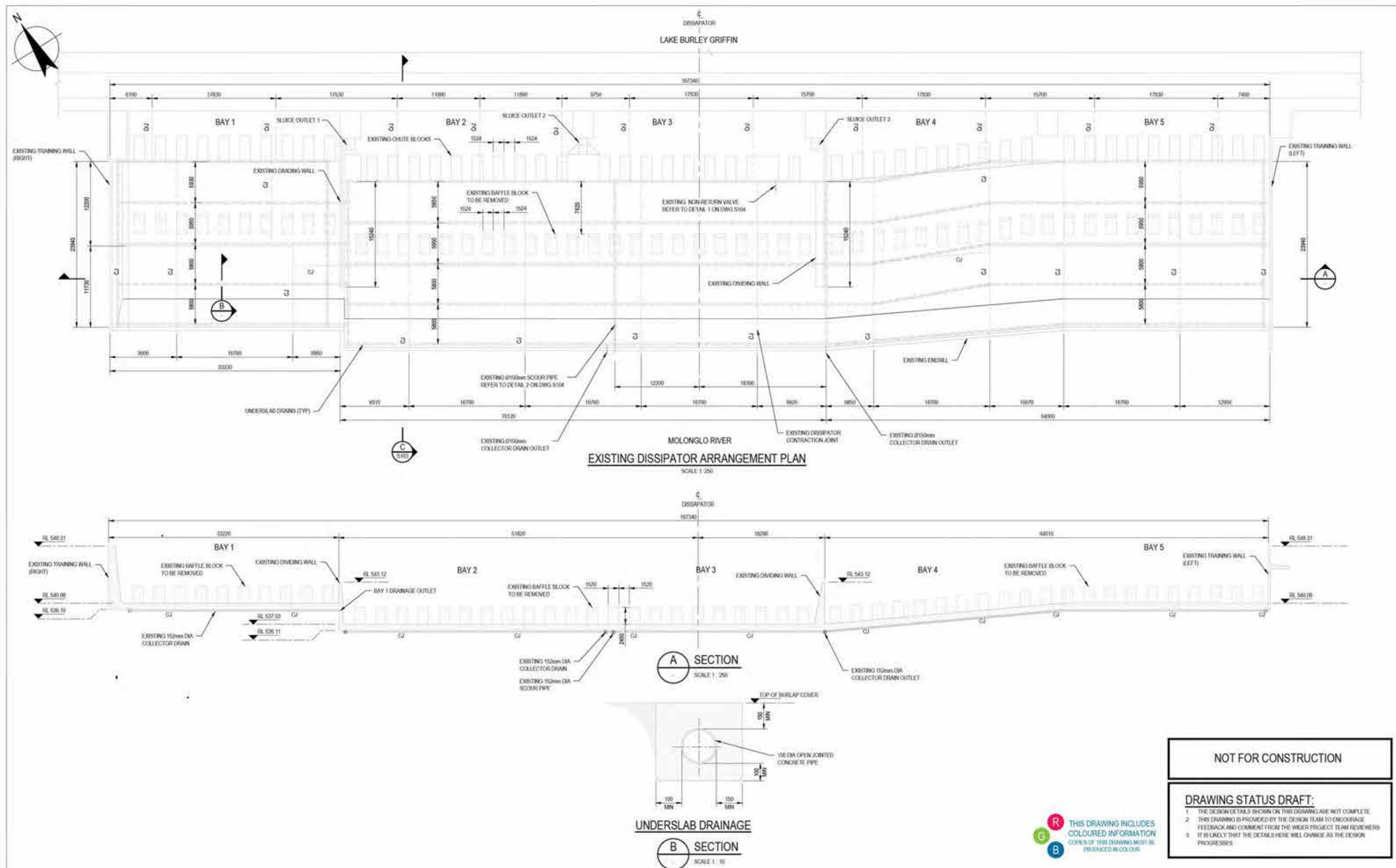
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CIVIL  
ABUTMENT EROSION  
PROTECTION  
RIGHT ABUTMENT

Status Code  
S0

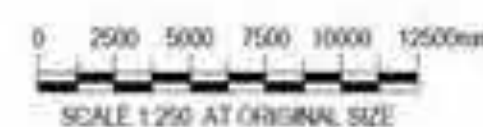
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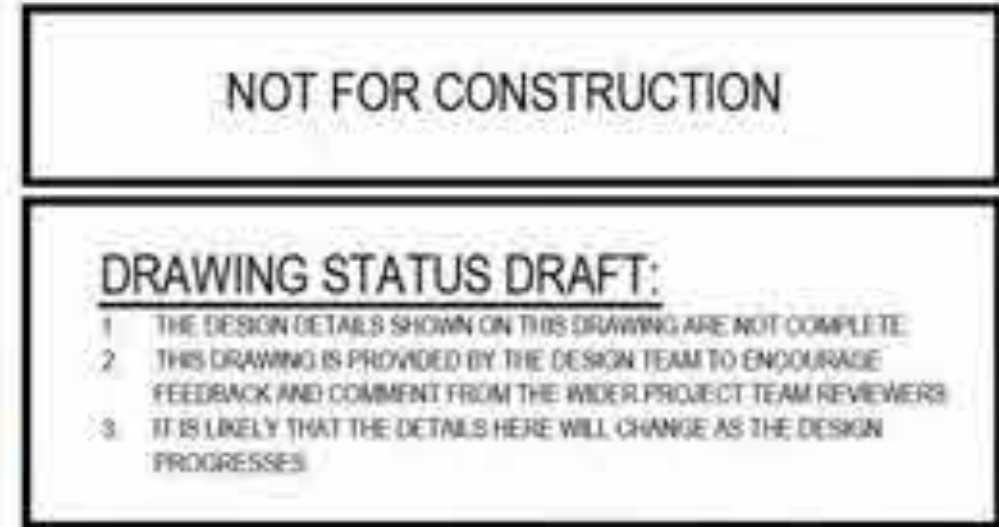




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Designer	J.GALLUP	Design Check		





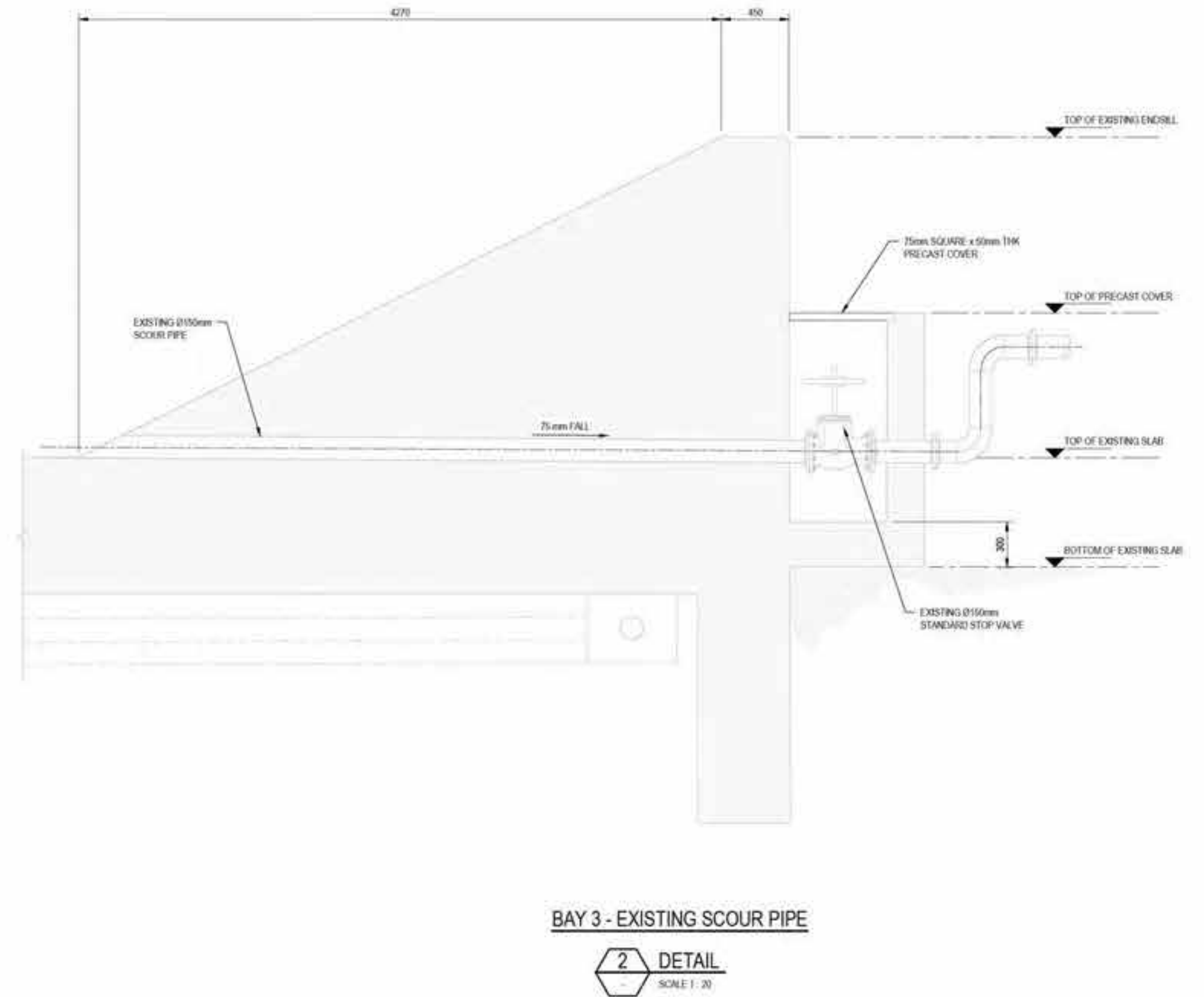
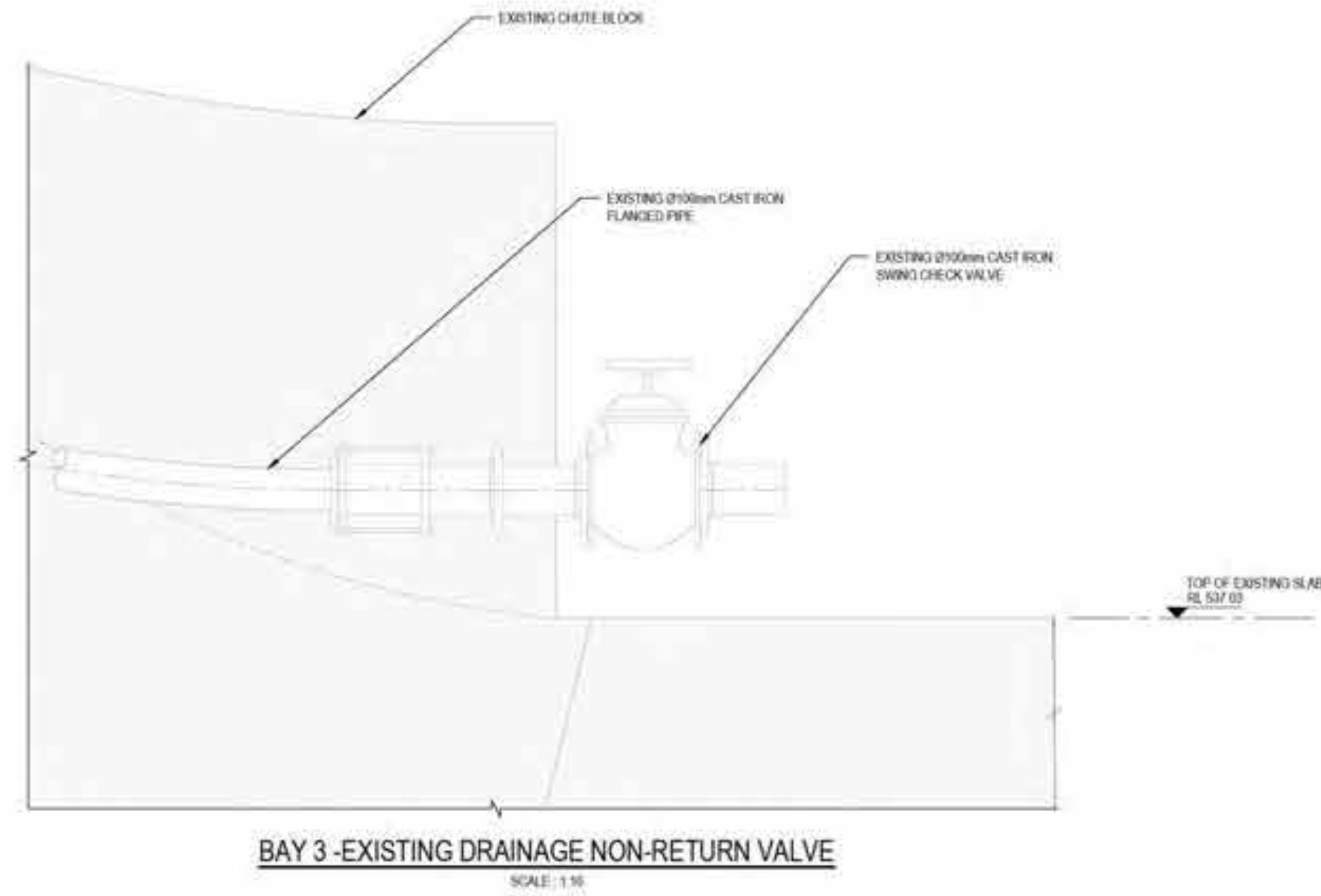


Statute P

0	XXXXXX
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A





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Designer	J.GALLUP	Design Check		



Client: AUSTRALIAN GOVERNMENT  
NATIONAL CAPITAL AUTHORITY

Project: SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT

Status: PRELIMINARY

Drawing Title: STRUCTURAL  
EXISTING DISSIPATOR DETAILS

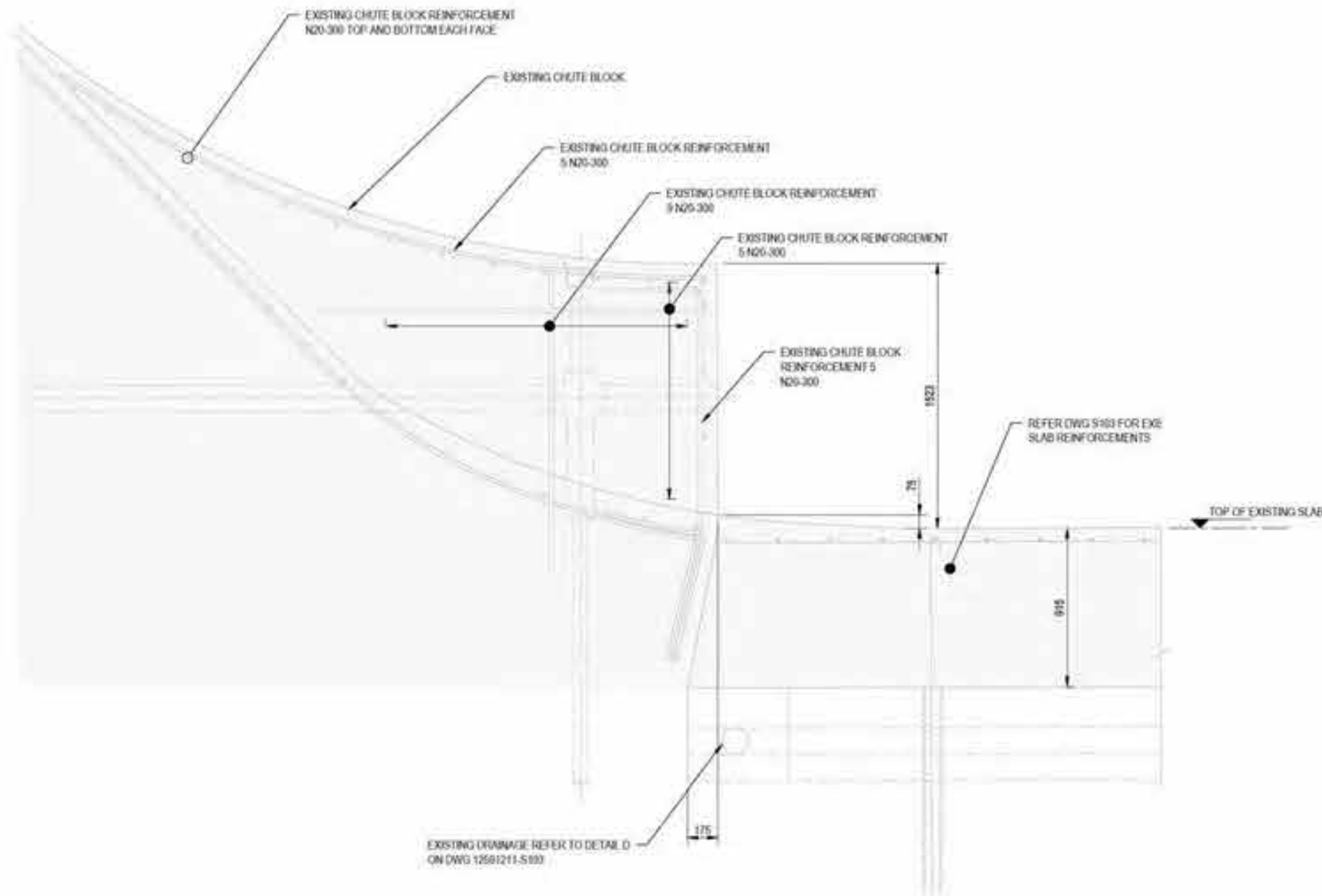
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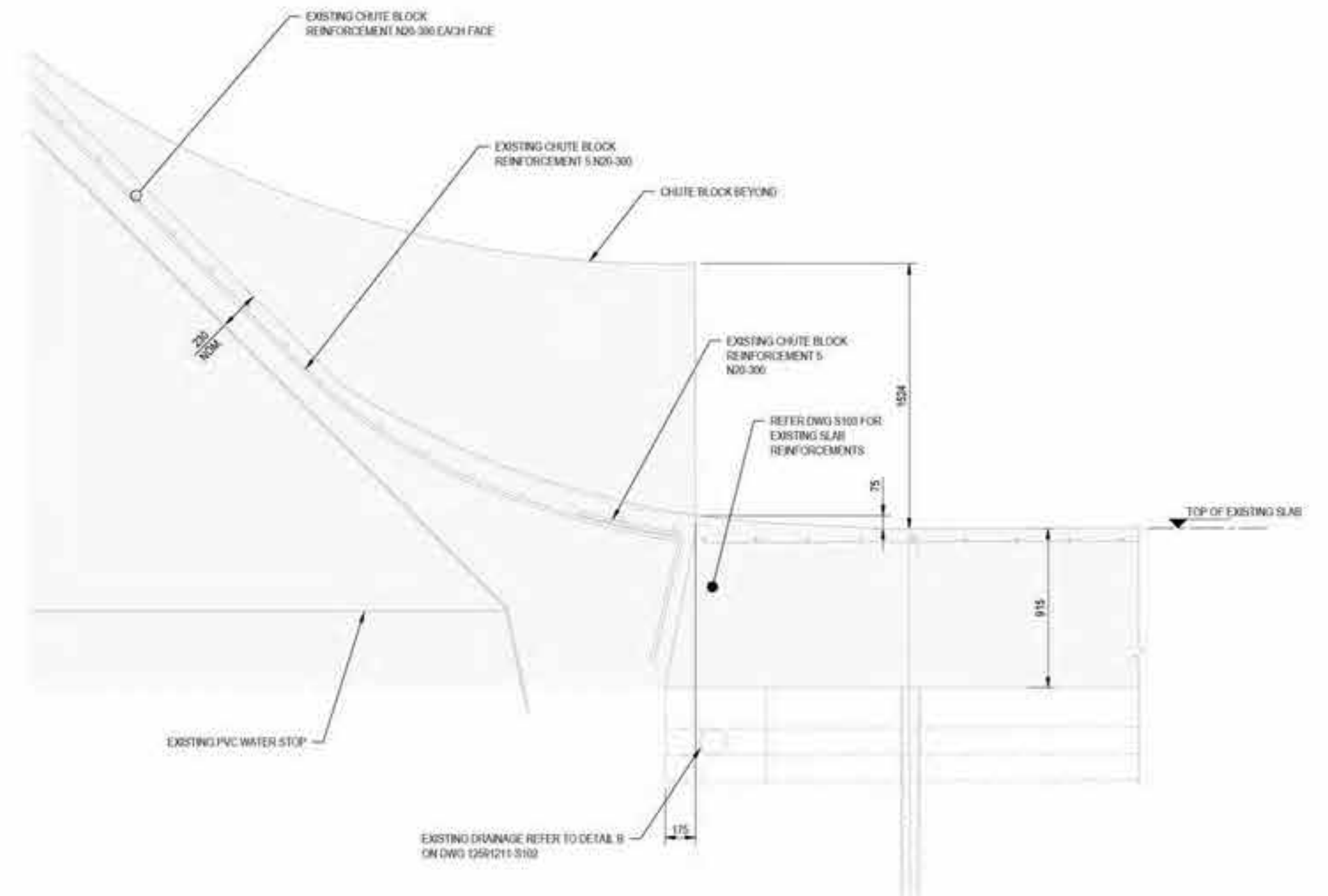
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Size: A1  
Rev: A





2 DETAIL  
S103 SCALE 1:20



3 DETAIL  
S103 SCALE 1:20

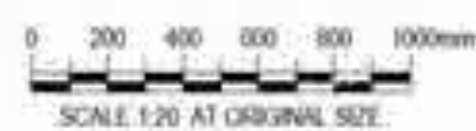
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NATIONAL CAPITAL AUTHORITY

Project  
SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT

Status  
PRELIMINARY

Status Code  
S0

Drawing Title  
STRUCTURAL  
EXISTING CHUTE BLOCK  
REINFORCEMENT DETAILS

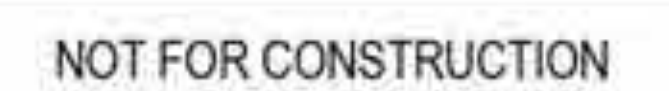
Revision  
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Drawing No.  
12591211-S105

Size  
A1

Rev  
A



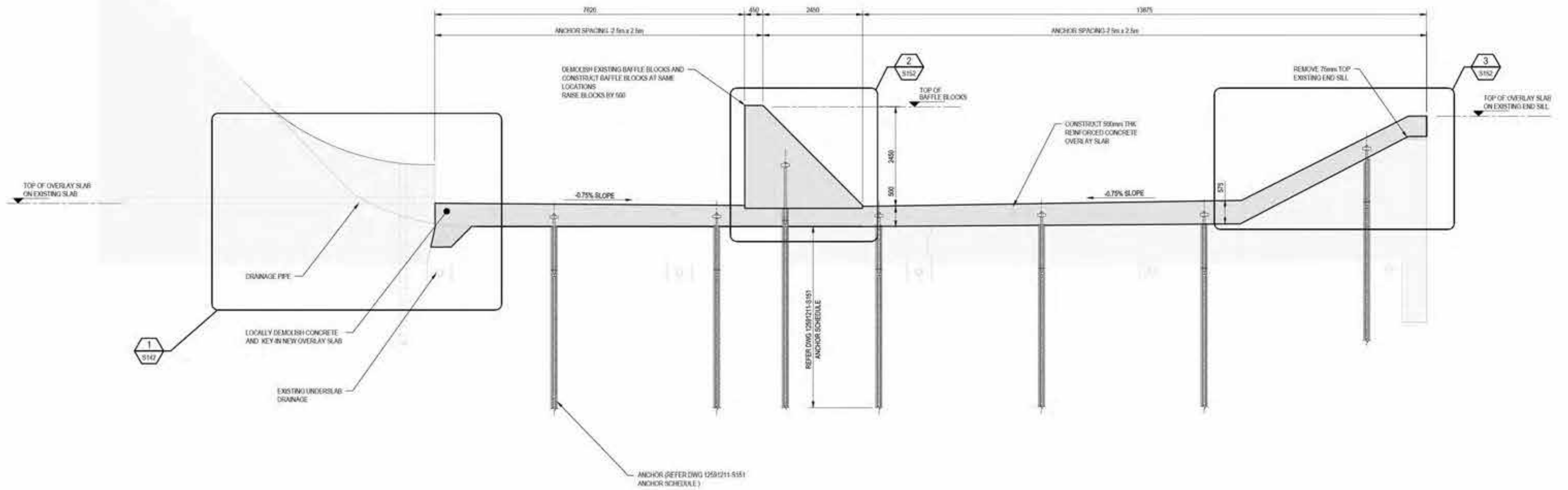


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DISSIPATOR CONCRETE OVERLAY TYPICAL SECTION

B SECTION  
SCALE 1:50

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Designer	J.GALLUP	Design Check	

0 500 1000 1500 2000 2500mm  
SCALE 1:50 AT ORIGINAL SIZE



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Project  
SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT

Status  
PRELIMINARY

Status  
Code S0

Drawing  
Title  
STRUCTURAL  
DISSIPATOR UPGRADE  
TYPICAL SECTION

XXXXXX

12591211-S121

Size  
A1  
Rev  
A





**DISSIPATOR BAY 1 AND 2 PLAN**  
SCALE 1:100

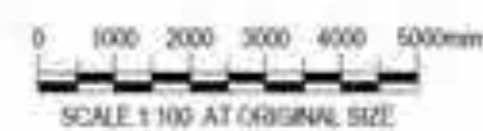
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Project No.  
12591211

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

PRELIMINARY

Drawing  
Title

STRUCTURAL  
DISSIPATOR BAY 1 AND 2  
PLAN

Station Code: S0

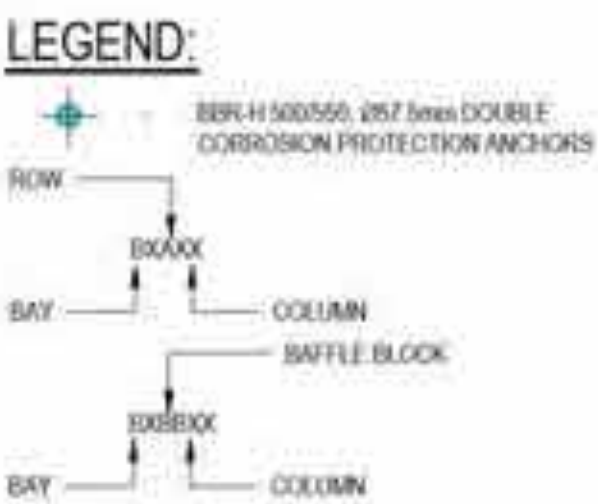
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12591211-5/31

A1

A





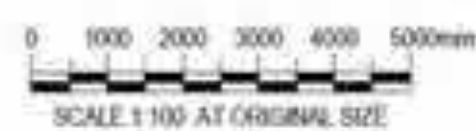
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Designer	J.GALLIB	Design Check		



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Project No.  
12591211

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

Station: PRELIMINARY

Drawing  
Title: **STRUCTURAL  
DISSIPATOR BAY 3 AND 4  
PLAN**

Status Code S0

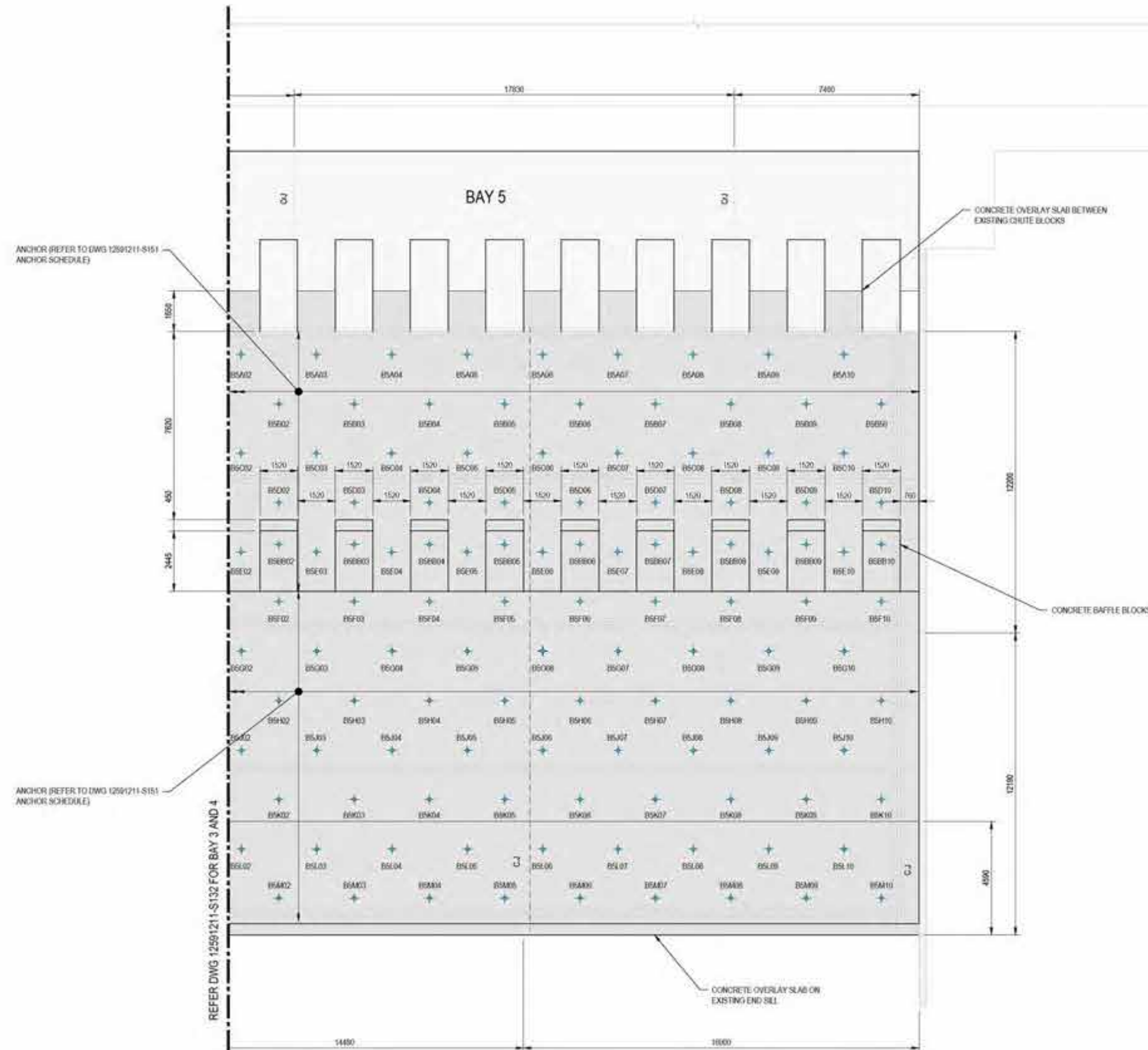
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12591211-5132

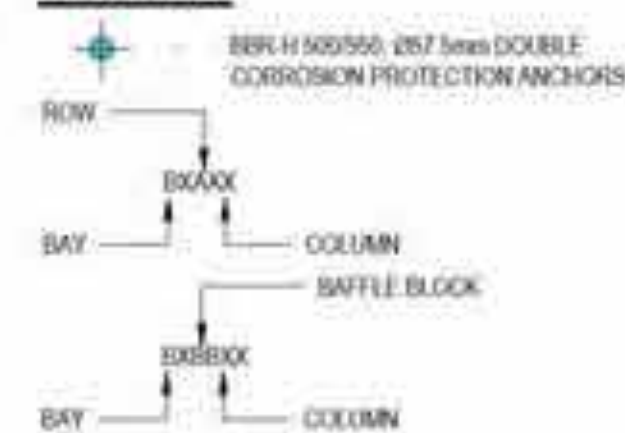
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**LEGEND:**



**DISSIPATOR BAY 5 PLAN**  
SCALE 1:100

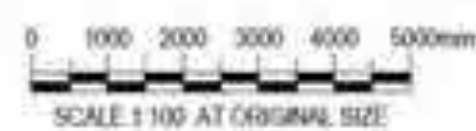
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Designer	J.GALLIP			
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Design Check				



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NATIONAL CAPITAL AUTHORITY  
Project: SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT  
Status: PRELIMINARY

Drawing Title: STRUCTURAL  
DISSIPATOR BAY 5  
PLAN

Status Code: S0

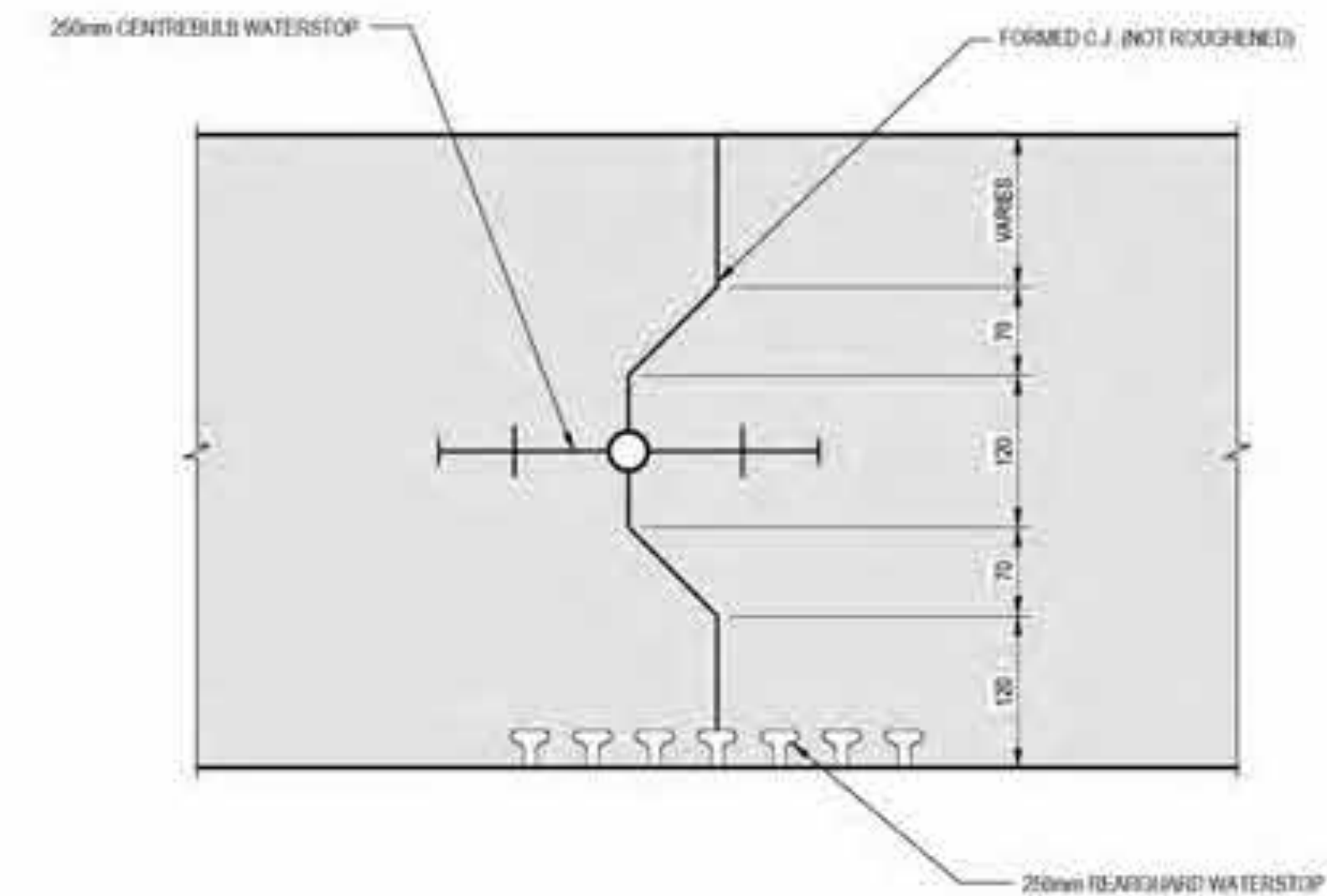
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12591211-S133

Size: A1

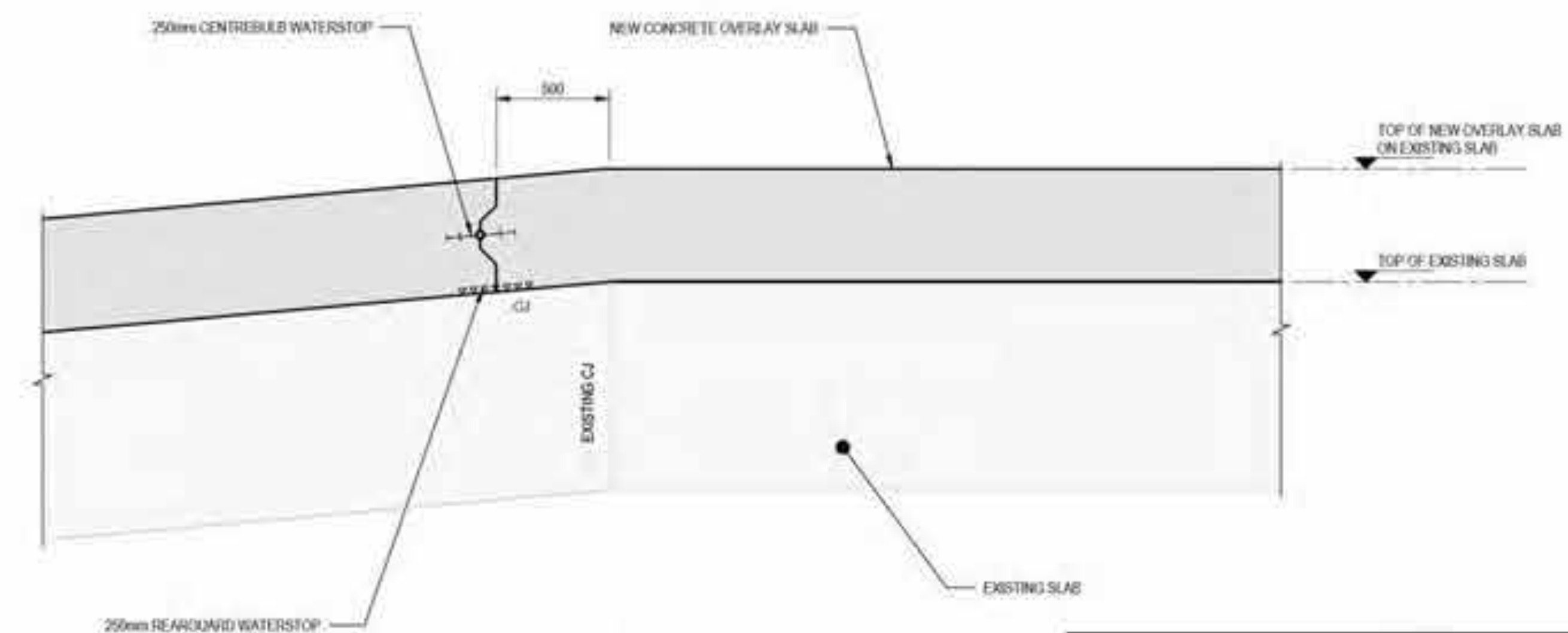
Rev: A





1 DETAIL  
SCALE 1:10

2 DETAIL  
SCALE 1:5



3  
8111

DETAIL  
SCALE 1/5

4 DETAIL  
S111 SCALE: 1:20

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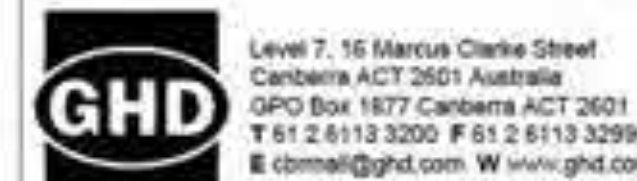
**R**  
**G**  
**B**

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SCALE 1:5 AT ORIGINAL SIZE

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Project No.  
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Client	AUSTRALIAN GOVERNMENT NATIONAL CAPITAL AUTHORITY
Project	SCRIVENER DAM DISSIPATOR STRENGTHENING PROJECT

40.	Statute	PRELIMINARY
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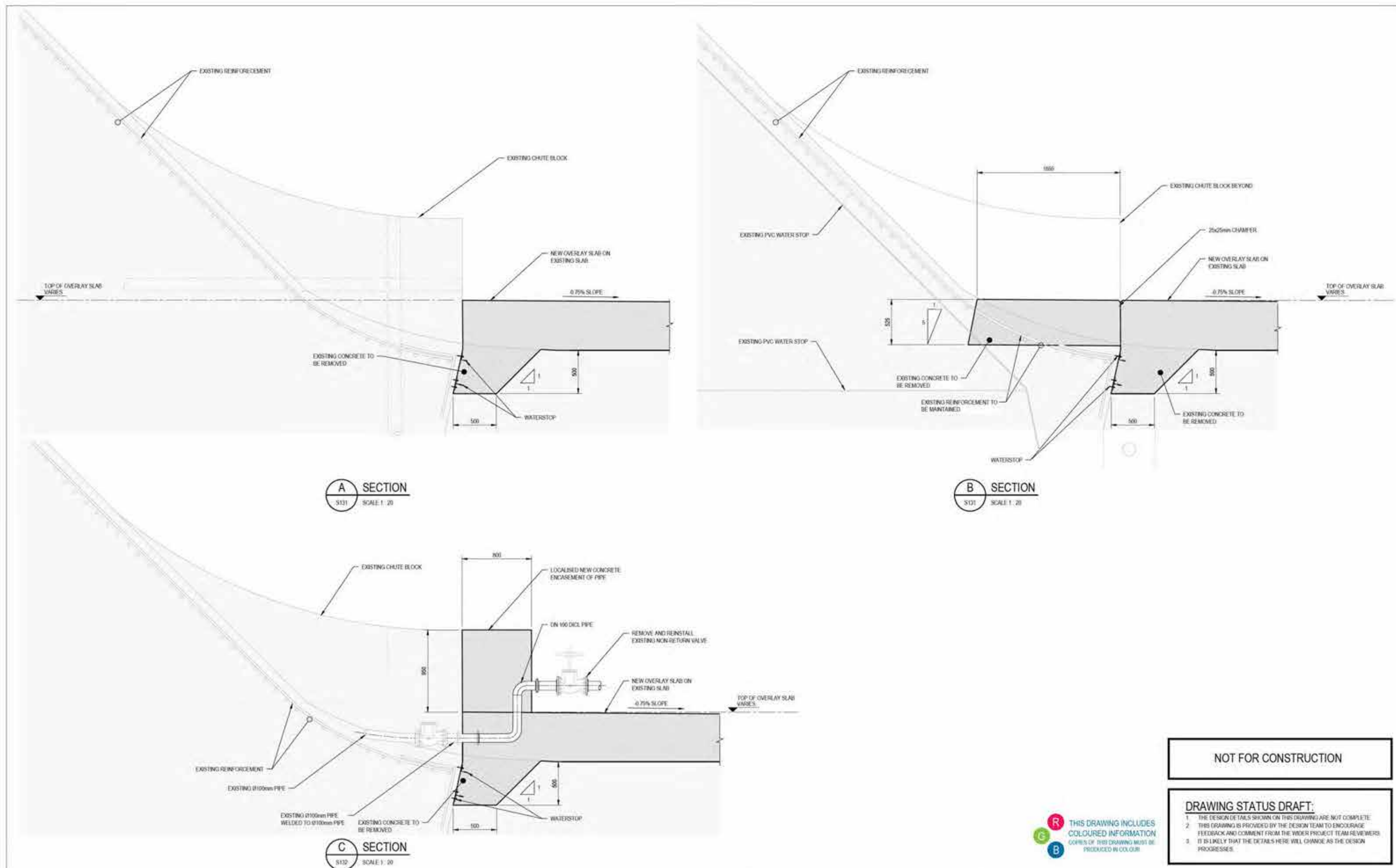
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1259 1211 5141

Size  
**A1**

Rein  
**A**





Rev	Description	Checked	Approved	Date
A	PWC SUBMISSION			
Author	E.P.V.	Drafting Check		
Designer	J.GALLUP	Design Check		

0 200 400 600 800 1000mm  
SCALE 1:20 AT ORIGINAL SIZE



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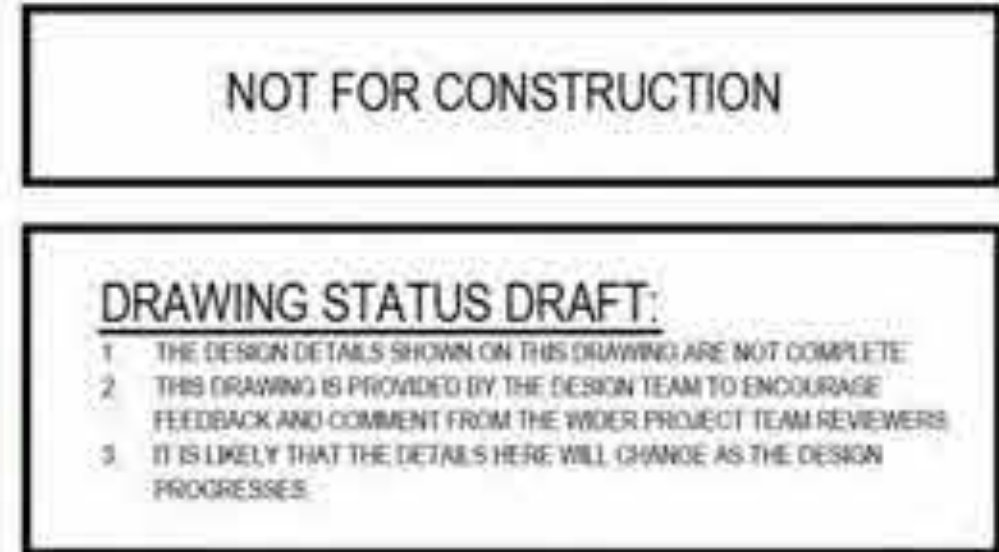


Project No.  
12591211

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

Drawing Title  
STRUCTURAL  
TYPICAL UPSTREAM TIE-IN DETAILS  
Drawing No.  
12591211-S142  
Revision  
A





Project No.  
12591211

PRELIMINARY

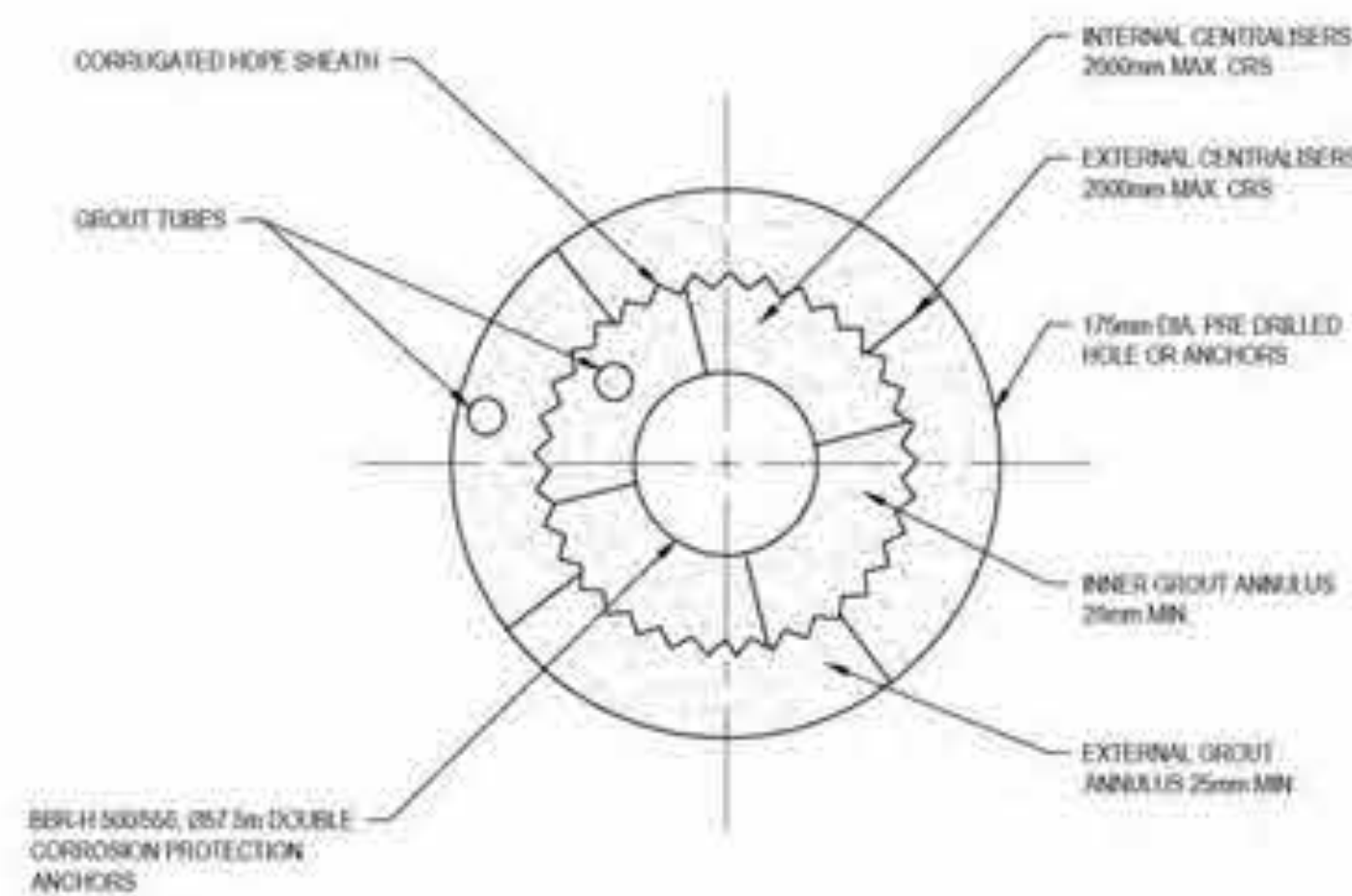
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12591211 STAR

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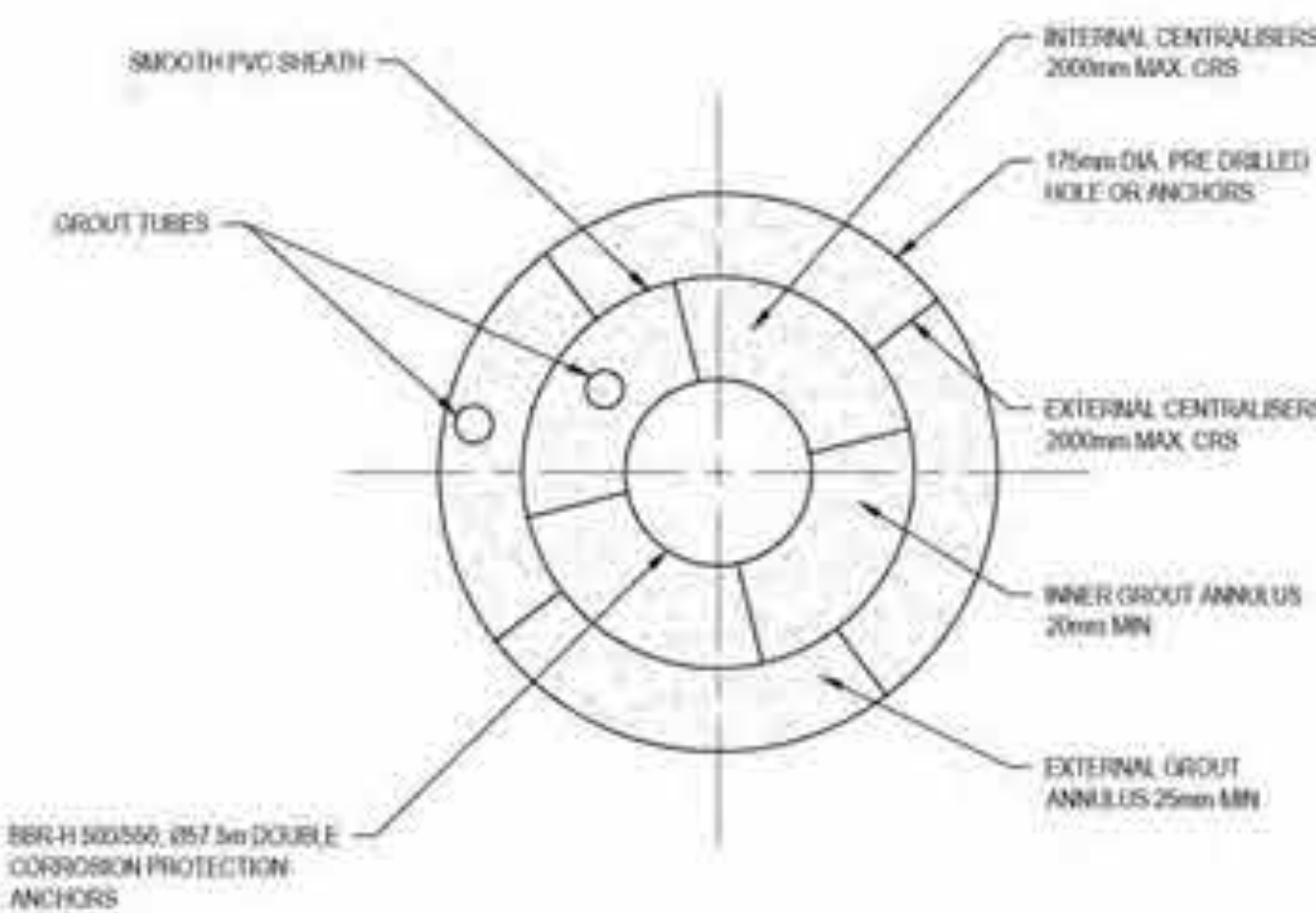


ANCHOR SCHEDULE TABLE								
BAY	LOCATION	START	END	BER-H ANCHOR Ø	ANCHOR GRADE	EMBEDMENT LENGTH (MM)	ROD LENGTH	HOLE Ø
		ANCHOR ID	ANCHOR ID	mm	MPa	m	m	mm
BAY 1	UPSTREAM	B1A01	B1F10	57.5	500	11.5	3	175
	BAFFLE BLOCKS	B1B01	B1B10	57.5	500	11.5	3	175
	DOWNSTREAM	B1G01	B1M10	50	500	8.5	3	175
BAY 2	UPSTREAM	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



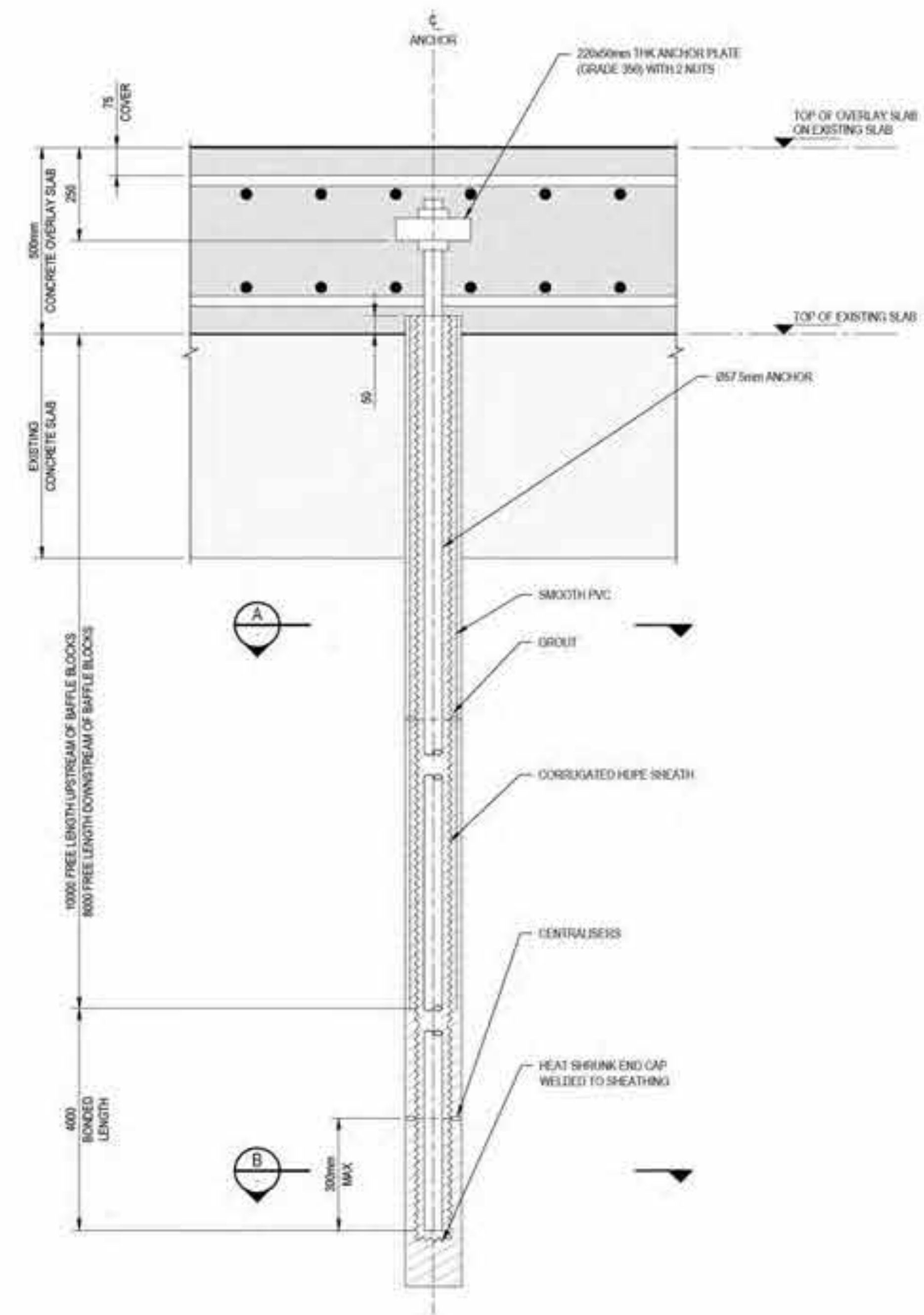
TYPICAL SECTION BONDED THROUGH ANCHOR

A SECTION  
SCALE 1:2



TYPICAL SECTION UNBONDED THROUGH ANCHOR

B SECTION  
SCALE 1:2



TYPICAL PASSIVE ANCHOR DETAIL

SCALE 1:10

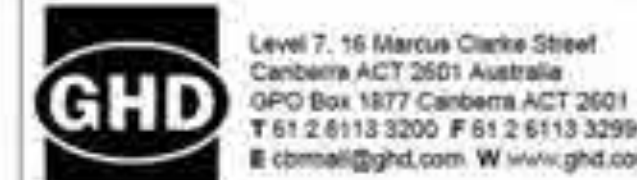
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Author	E.PAZ	Drafting Check		
Designer	J.GALLUP	Design Check		

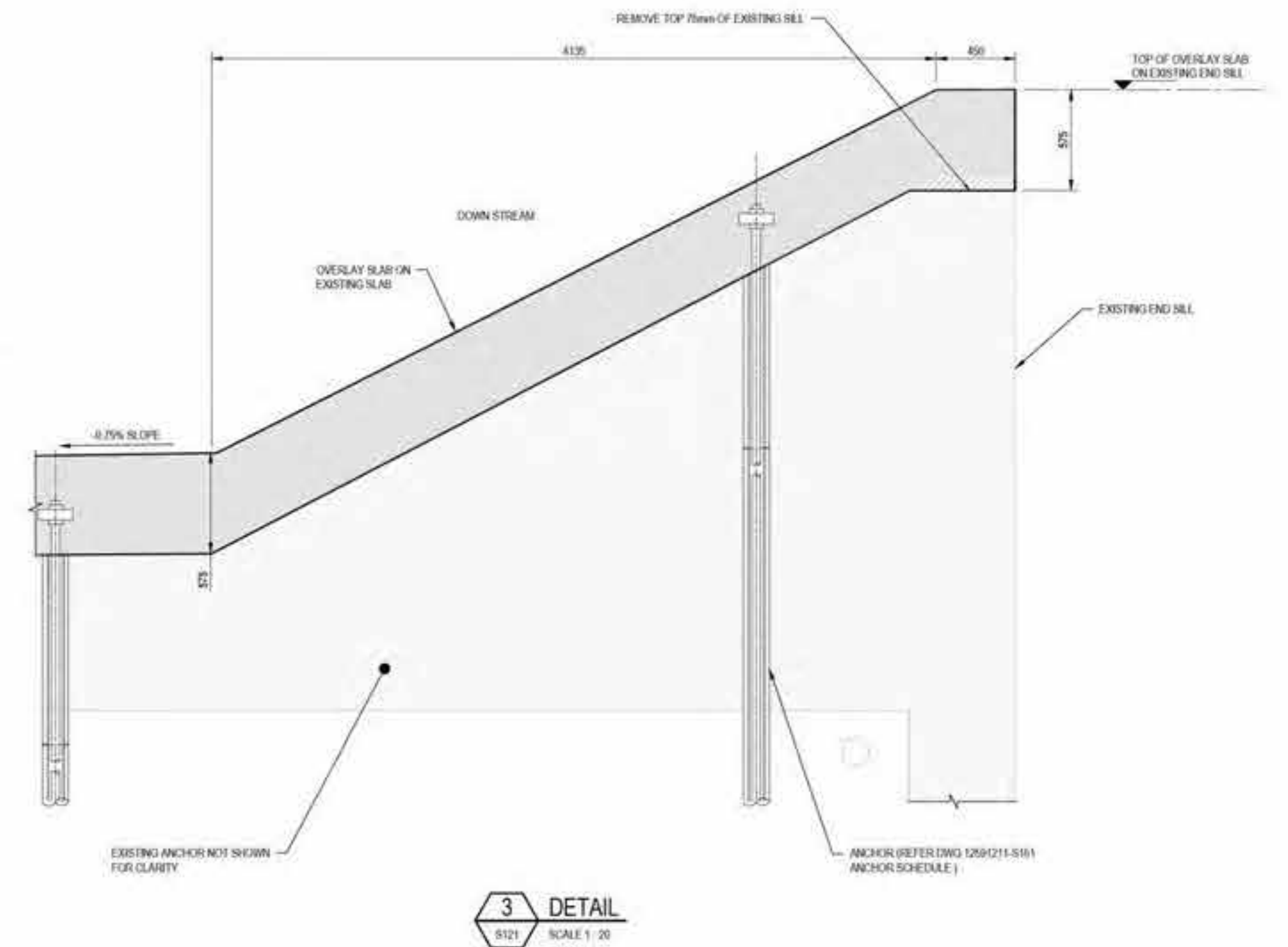
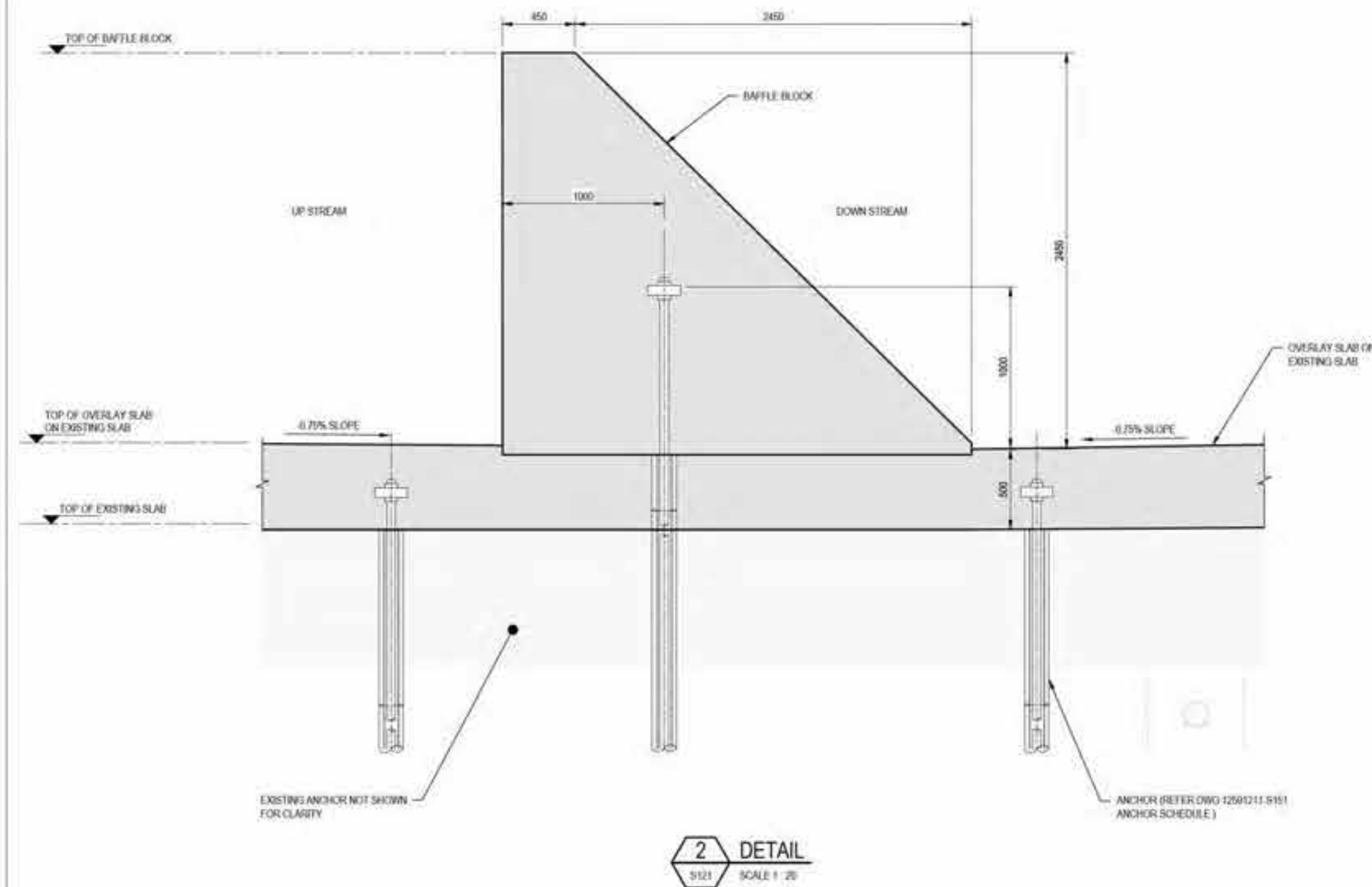


Client: AUSTRALIAN GOVERNMENT  
NATIONAL CAPITAL AUTHORITY  
Project: SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT  
Status: PRELIMINARY

Drawing Title: STRUCTURAL  
ANCHOR SCHEDULE  
AND TYPICAL PASSIVE ANCHOR DETAIL

Project No: 12591211  
Status Code: S0  
Drawing No: XXXXXX  
Drawing Title: 12591211-S151





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



Client: AUSTRALIAN GOVERNMENT  
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Project: SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT  
Status: PRELIMINARY

Drawing Title: STRUCTURAL  
BAFFLE BLOCK AND ENDSILL  
SECTION

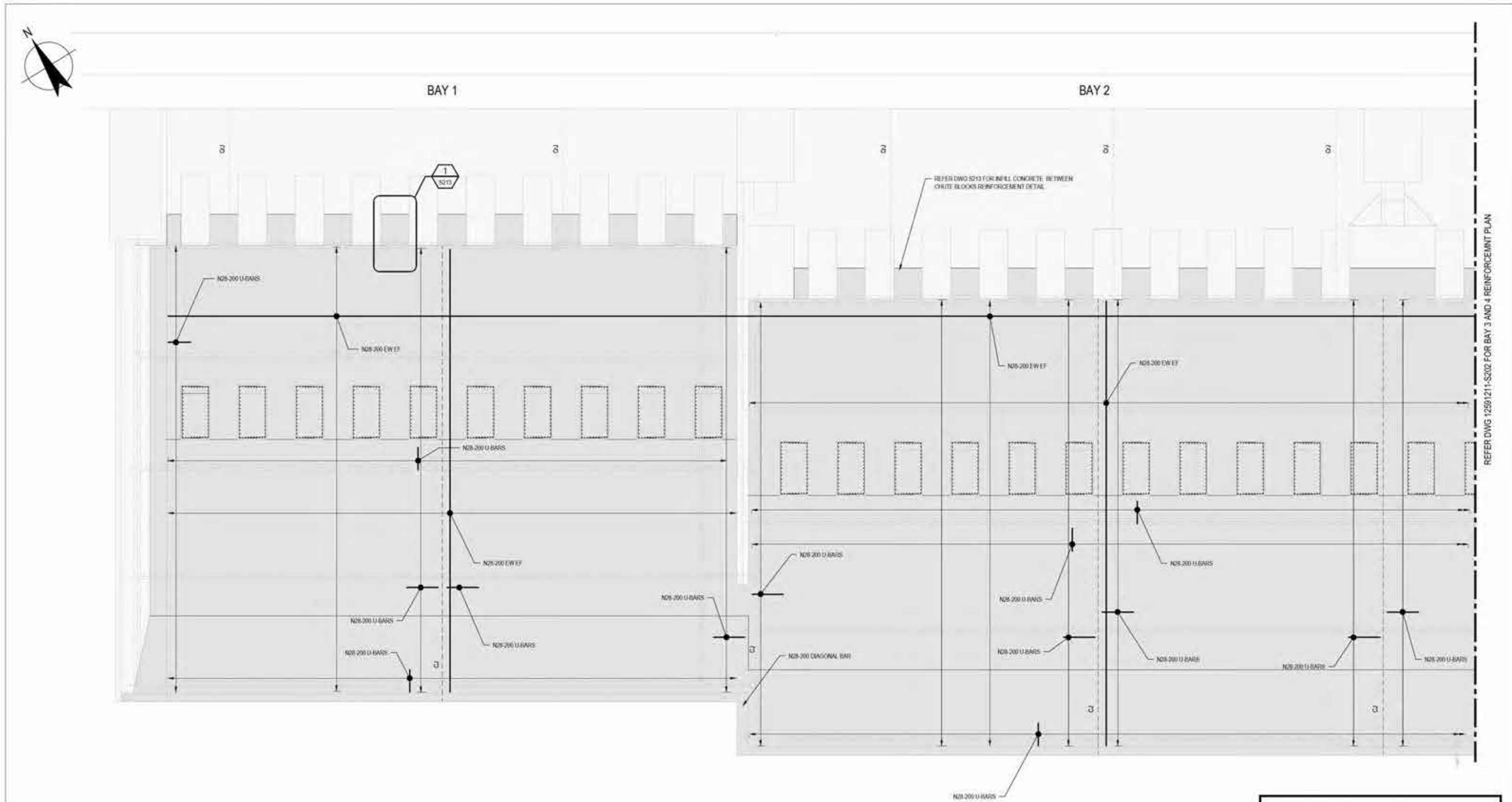
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12591211-S152

Size: A1  
Rev: A





STRUCTURAL REINFORCEMENT PLAN BAY 1 AND 2  
SCALE 1:100

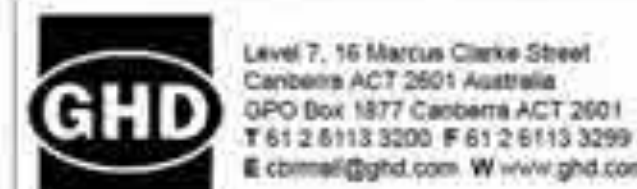
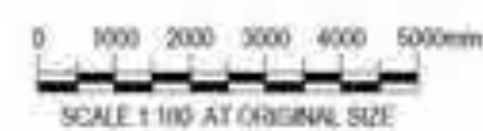
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Rev	Description	Checked	Approved Date
Author	EPAZ	Drafting Check	
Designer	J.GALLUP	Design Check	

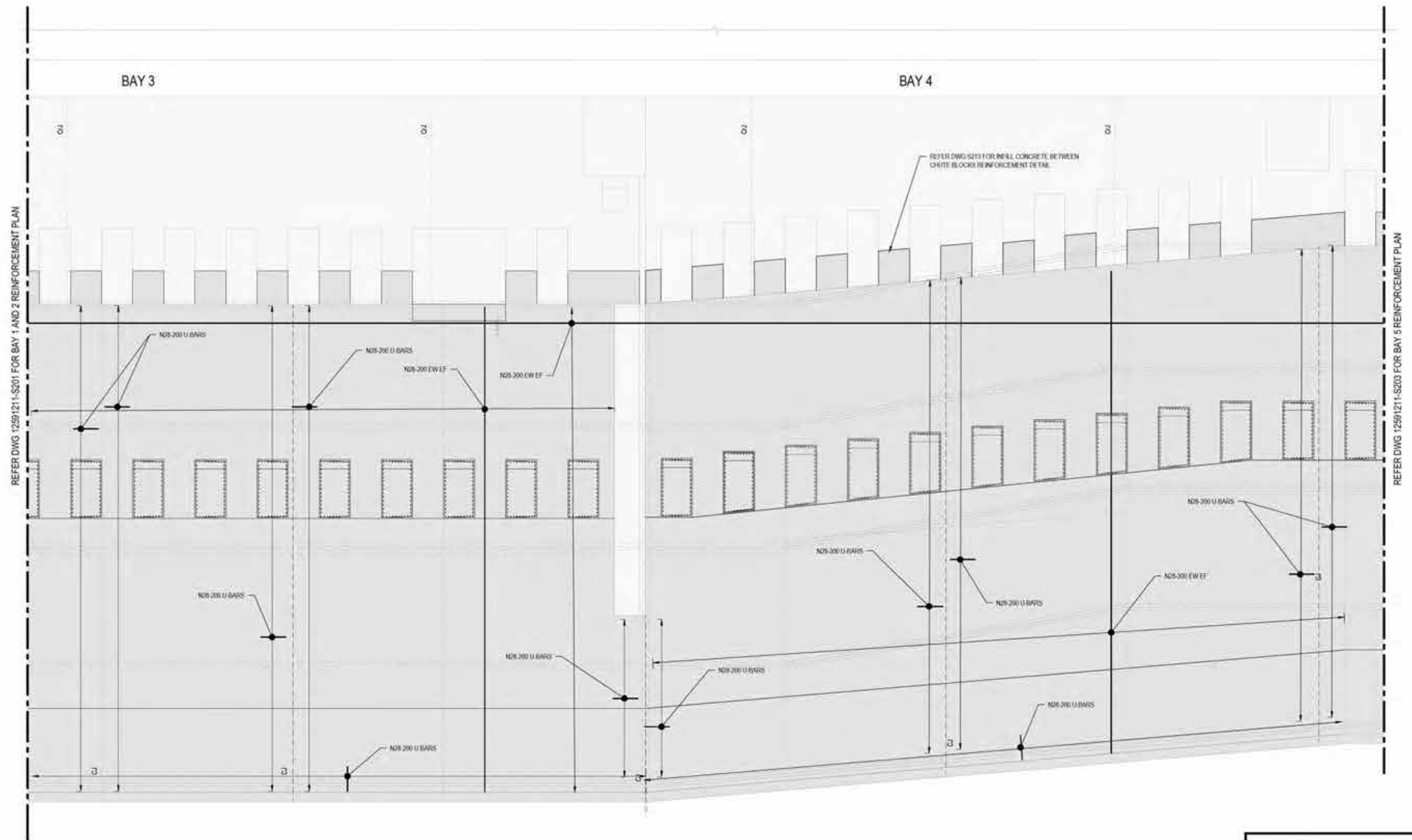


Client AUSTRALIAN GOVERNMENT  
NATIONAL CAPITAL AUTHORITY  
Project SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT  
Status PRELIMINARY

Drawing Title: STRUCTURAL  
REINFORCEMENT PLAN  
BAY 1 AND 2

Station Code S0 XXXXXX  
Drawing No. 12591211-S201  
Rev A





STRUCTURAL REINFORCEMENT PLAN BAY 3 AND 4

SCALE 1:100

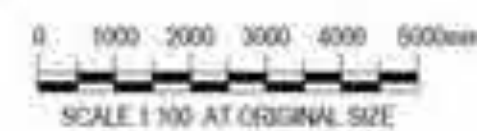
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Author	L. EBOUEIRA	Drafting Check		
Designer	J. GALLUP	Design Check		



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Project SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT  
Status PRELIMINARY

Drawing Title: STRUCTURAL  
REINFORCEMENT PLAN  
BAY 3 AND 4

Station Code S0

XXXXXX

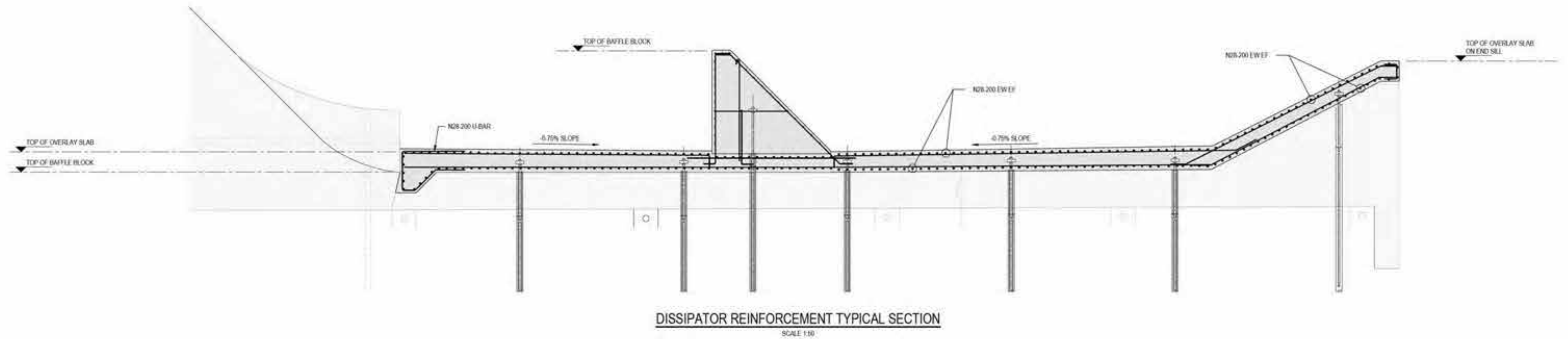
12591211-S202

Size A1  
Rev A









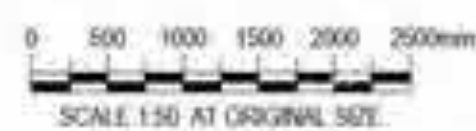
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A	PWC SUBMISSION			
Author	E.PAZ			
Designer	J.GALLUP			
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Design Check				



Project No.  
12591211

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

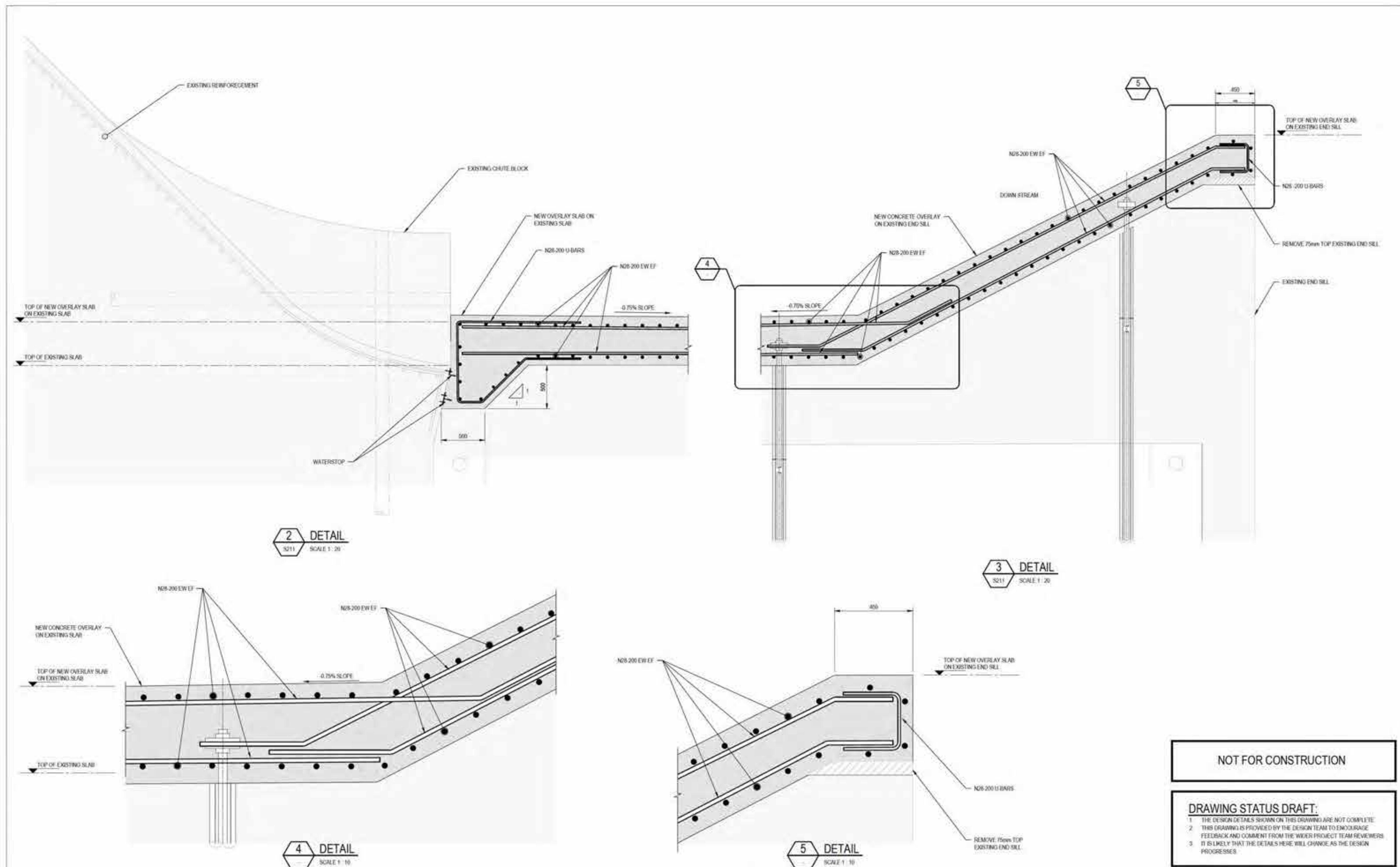
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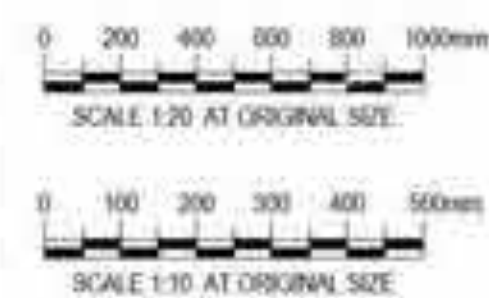
Drawing  
Title  
STRUCTURAL  
REINFORCEMENT TYPICAL SECTION  
SHEET 1

Size  
A1  
Rev  
A





Rev	Description	Checked	Approved	Date
A	PRELIMINARY			
Rev	Description	Checked	Approved	Date
Author	E.PAZ	Drafting Check		
Designer	J.GALLUP	Design Check		



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Project  
SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT

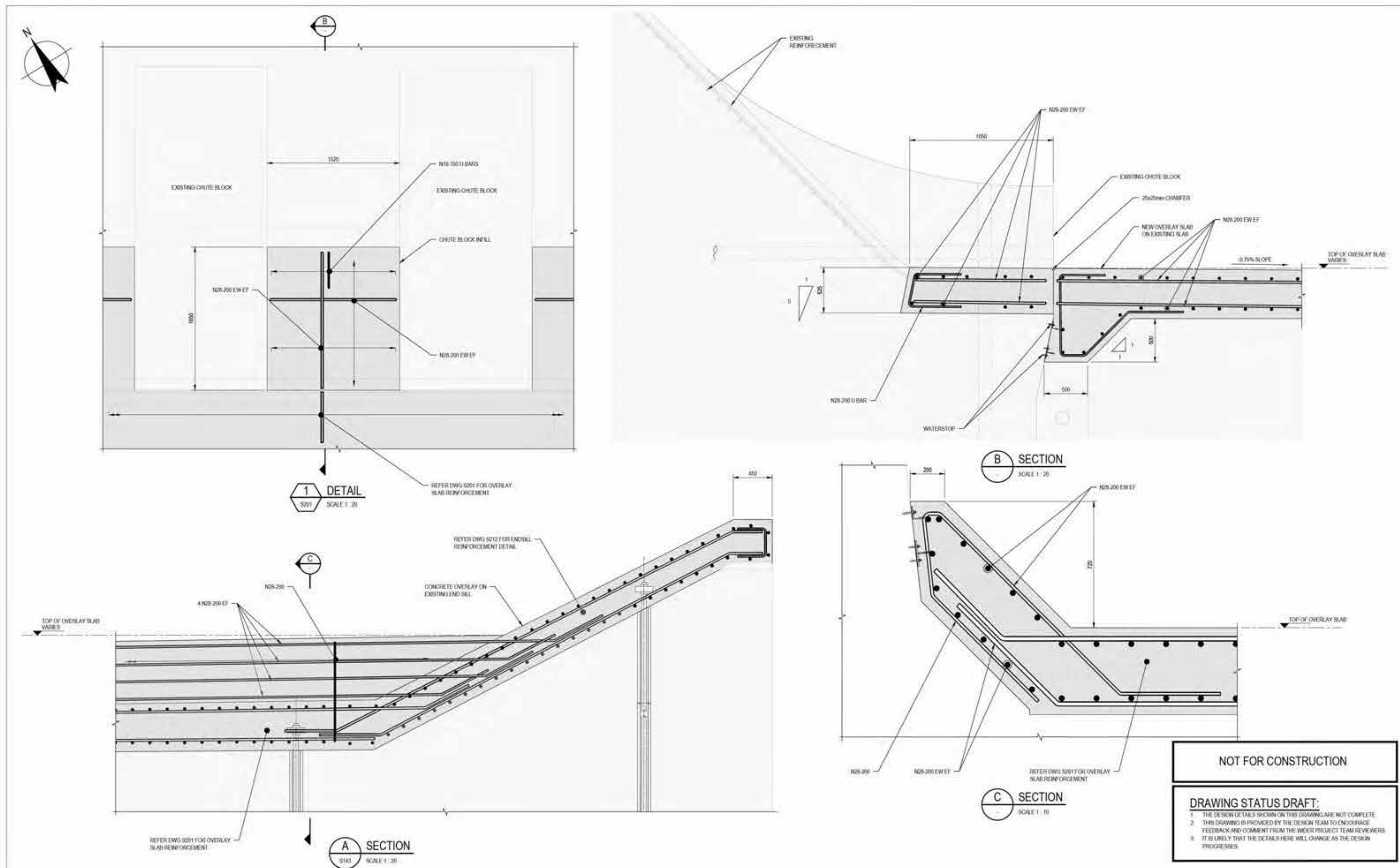
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Drawing Title  
STRUCTURAL  
REINFORCEMENT TYPICAL SECTION  
SHEET 2

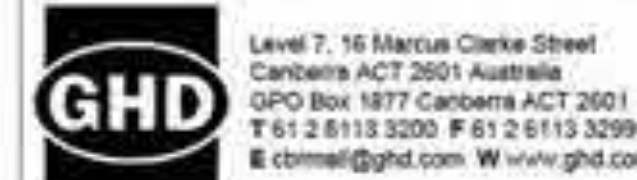
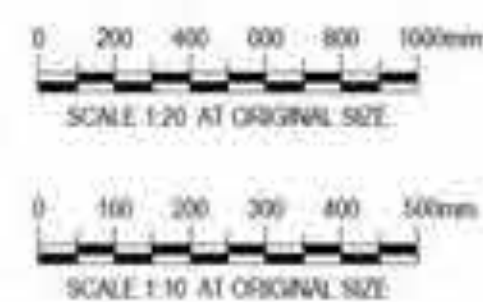
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Drawing No.  
XXXXXX  
Drawing Date  
12591211-S212

Size  
A1  
Rev  
A





Rev	Description	Checked	Approved	Date
A	PRELIMINARY			
1	DESCRIPTION			
Author	EPAZ	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  
**STRUCTURAL  
REINFORCEMENT TYPICAL SECTION  
SHEET 3**

Status Code  
**S0**

Project No.  
**12591211-S213**

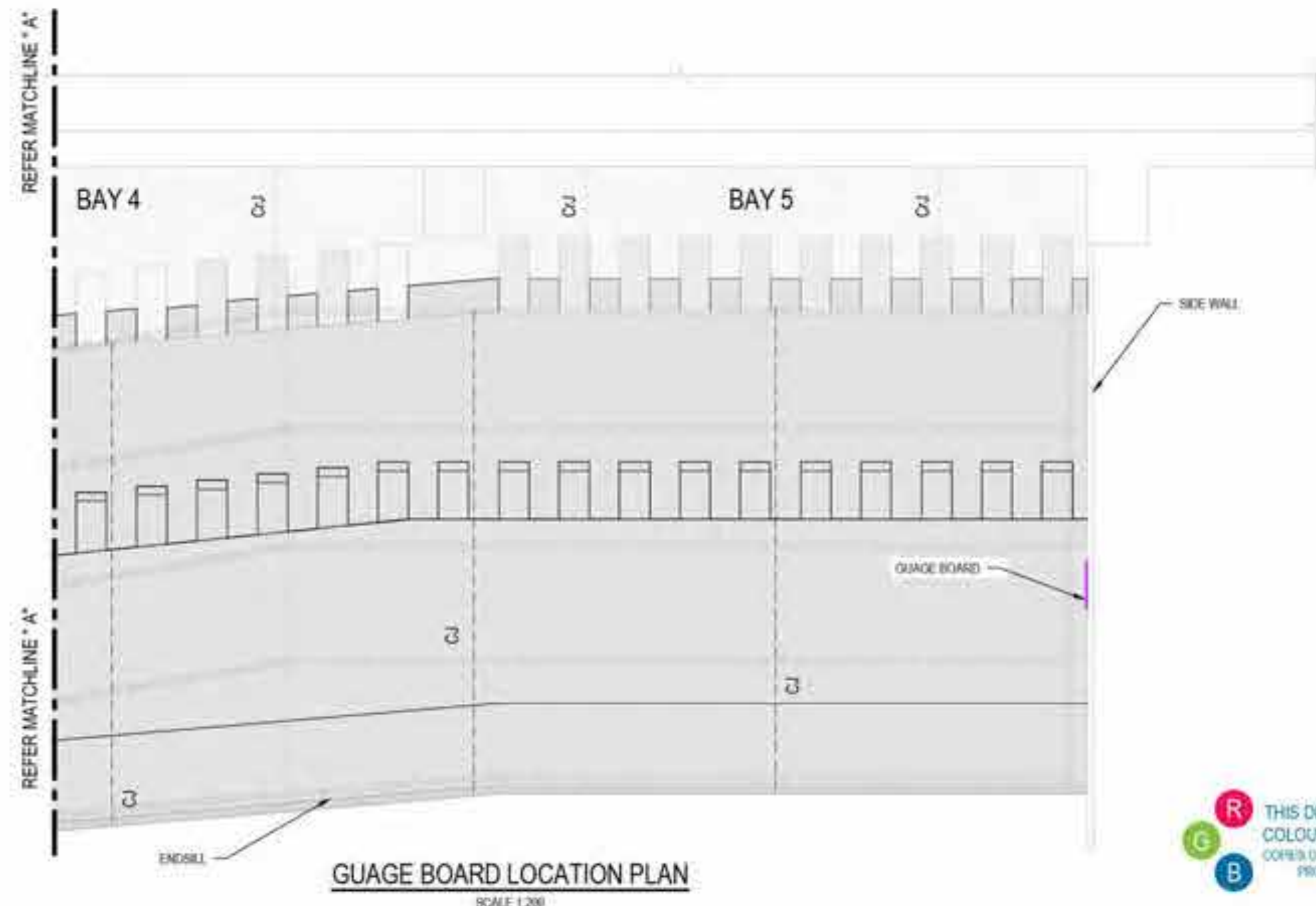
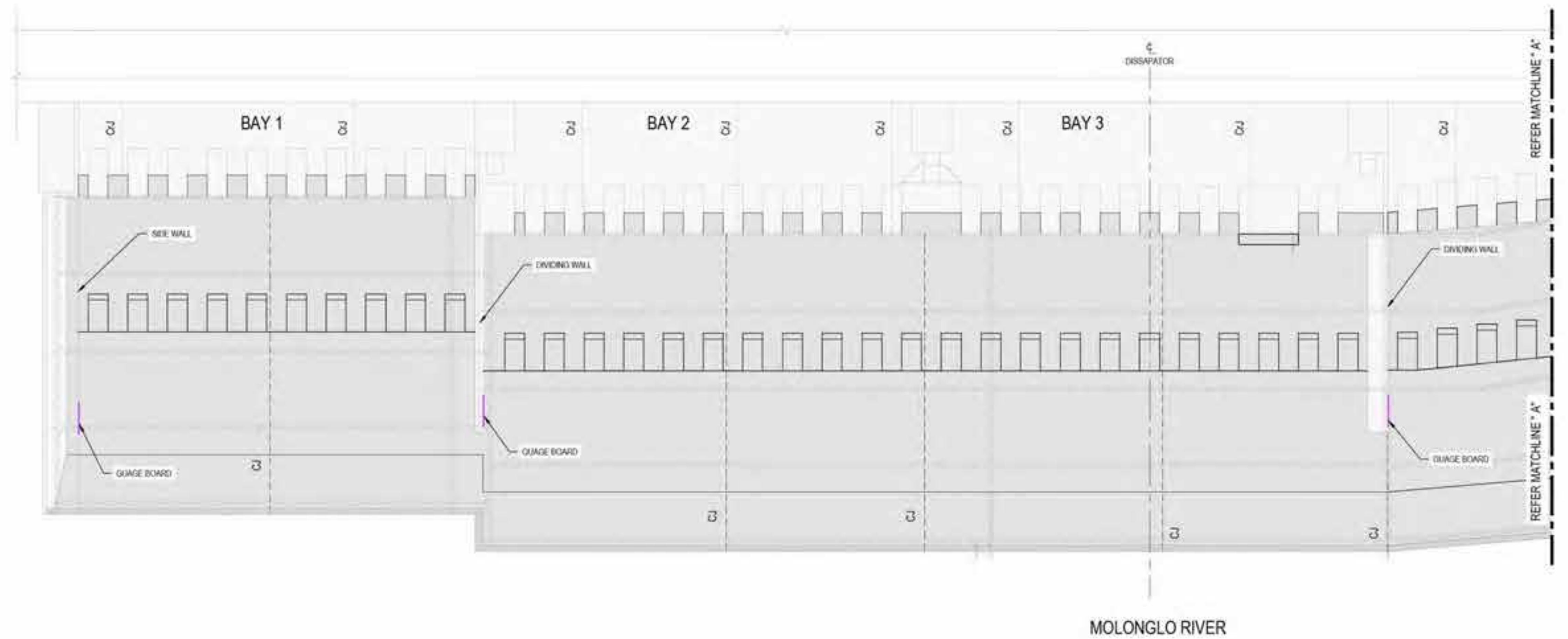
Size  
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Rev  
**A**





STAFF GAUGE DETAIL  
NOT TO SCALE



LEGEND:

GUAGE BOARD

NOT FOR CONSTRUCTION

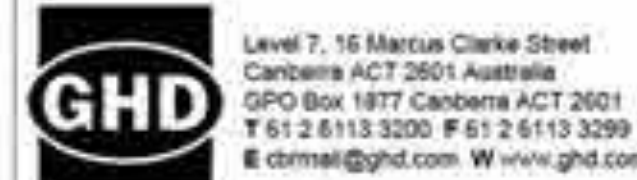
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Author	E.PAZ	Drafting Check		
Designer	D.KHOUDAR	Design Check		

0 2000 4000 6000 8000 10000mm  
SCALE 1:200 AT ORIGINAL SIZE



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Project  
SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT

Status  
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Drawing Title  
STRUCTURAL  
GUAGE BOARD LOCATION PLAN  
AND STAFF GAUGE DETAIL

Status Code  
S0

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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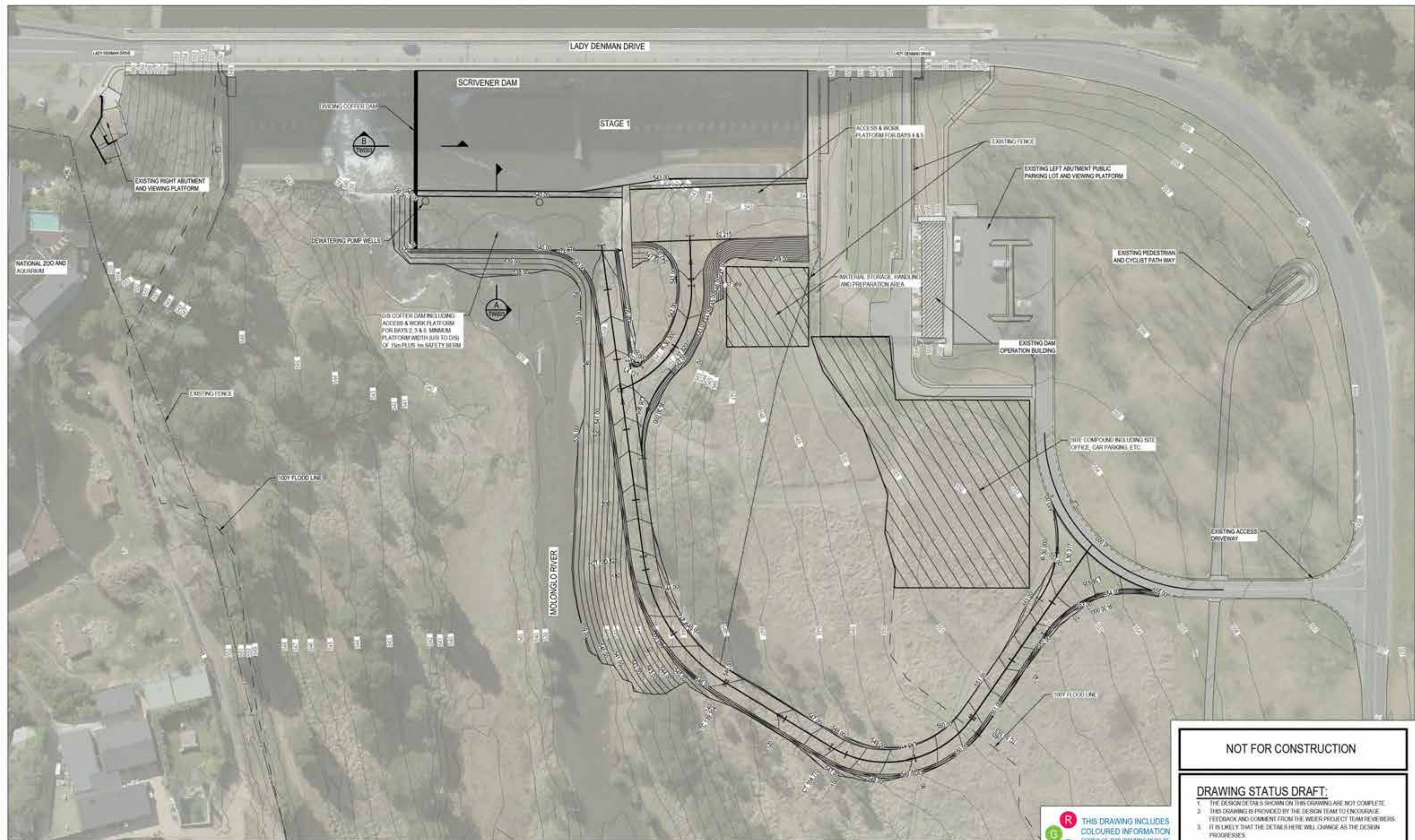
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A	PWC SUBMISSION			
Author	E.PAZ	Drafting Check		
Designer	J.GALLIB	Design Check		

Plot Date: 16 June 2023 - 12:23 PM Plotted by: Edgardo Paz

File Name: g:\design\gnd\186\source\Project\31112591211\CAAO\Drawings\PWC\_Submission\12591211-TW000.dwg

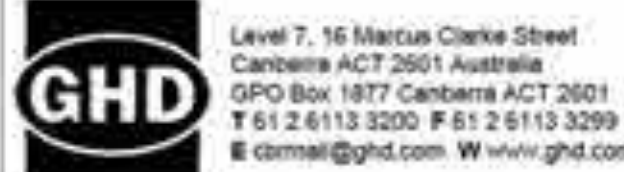






Rev	Description	Checked	Approved	Date
A	PWC SUBMISSION			
Author	L. AQUINO	Drafting Check		
Designer	G. JONES	Design Check		

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SCALE 1:500 AT ORIGINAL SIZE

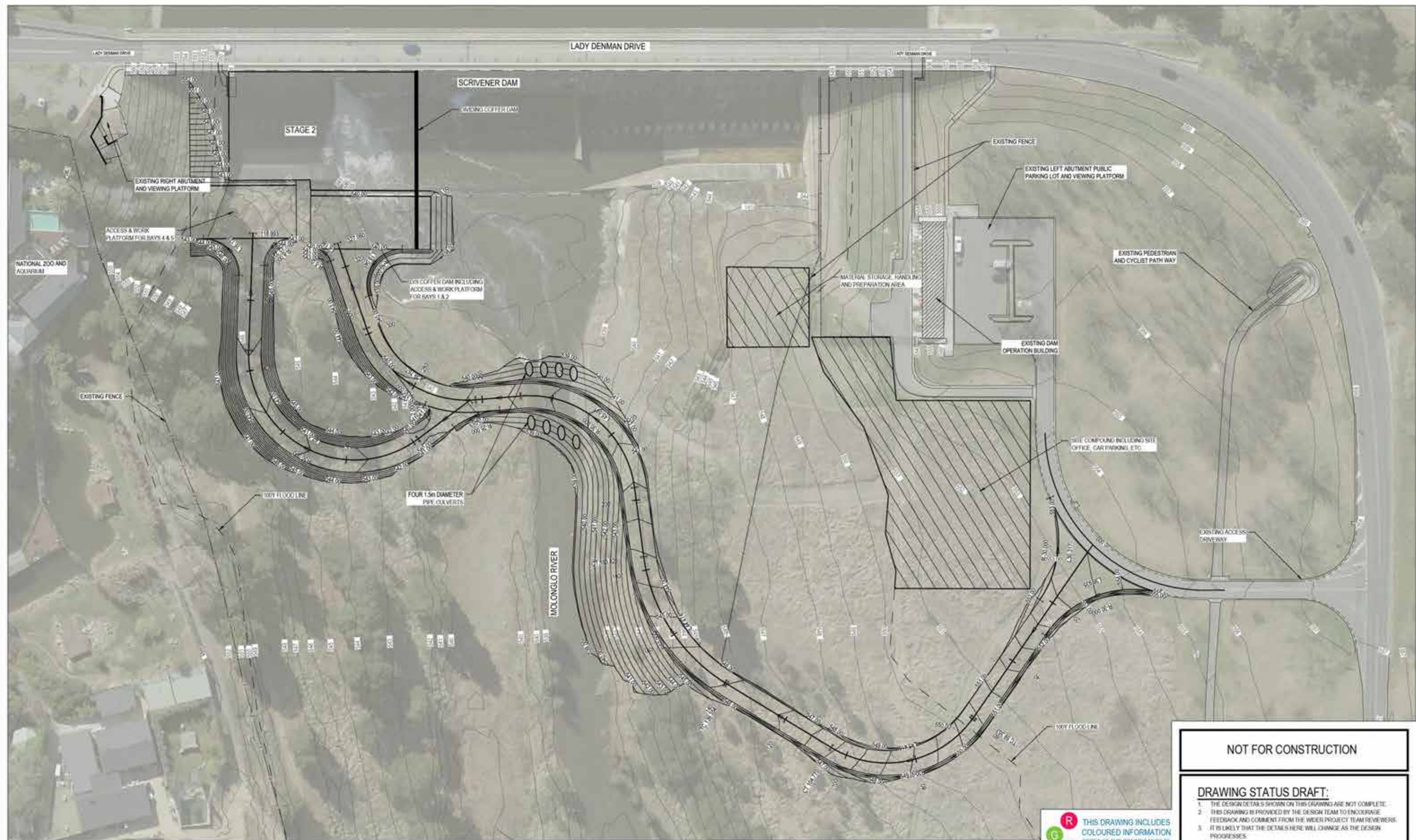


Client AUSTRALIAN GOVERNMENT  
NATIONAL CAPITAL AUTHORITY  
Project SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT  
Status PRELIMINARY

Drawing Title CIVIL  
TEMPORARY CONSTRUCTION  
WORKS  
STAGE 1

Size A1  
Rev A





### CONSTRUCTION TEMPORARY WORKS PLAN

SCALE 1:500

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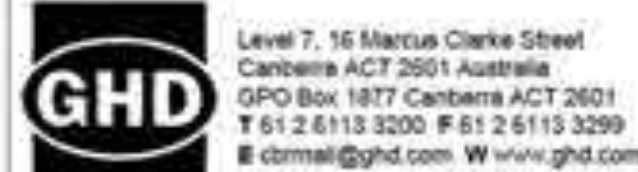
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Author	L. AQUINO	Drafting Check	
Designer	G. JONES	Design Check	

0 5 10 15 20 25m  
SCALE 1:500 AT ORIGINAL SIZE



Project No:  
12591211

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

Status  
PRELIMINARY

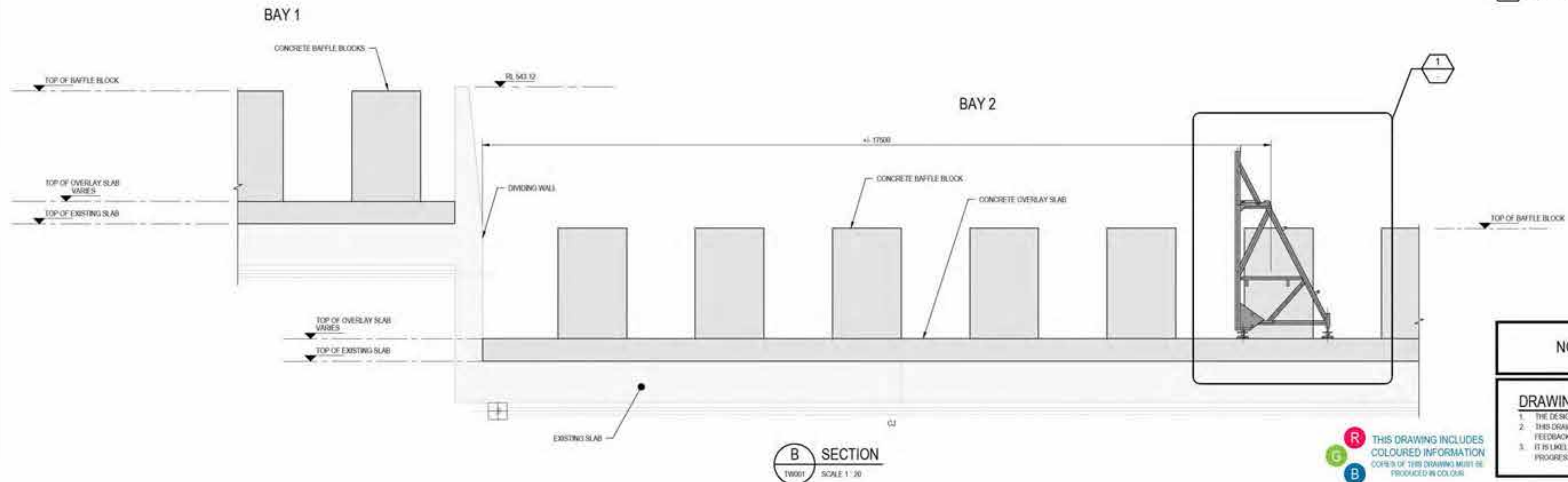
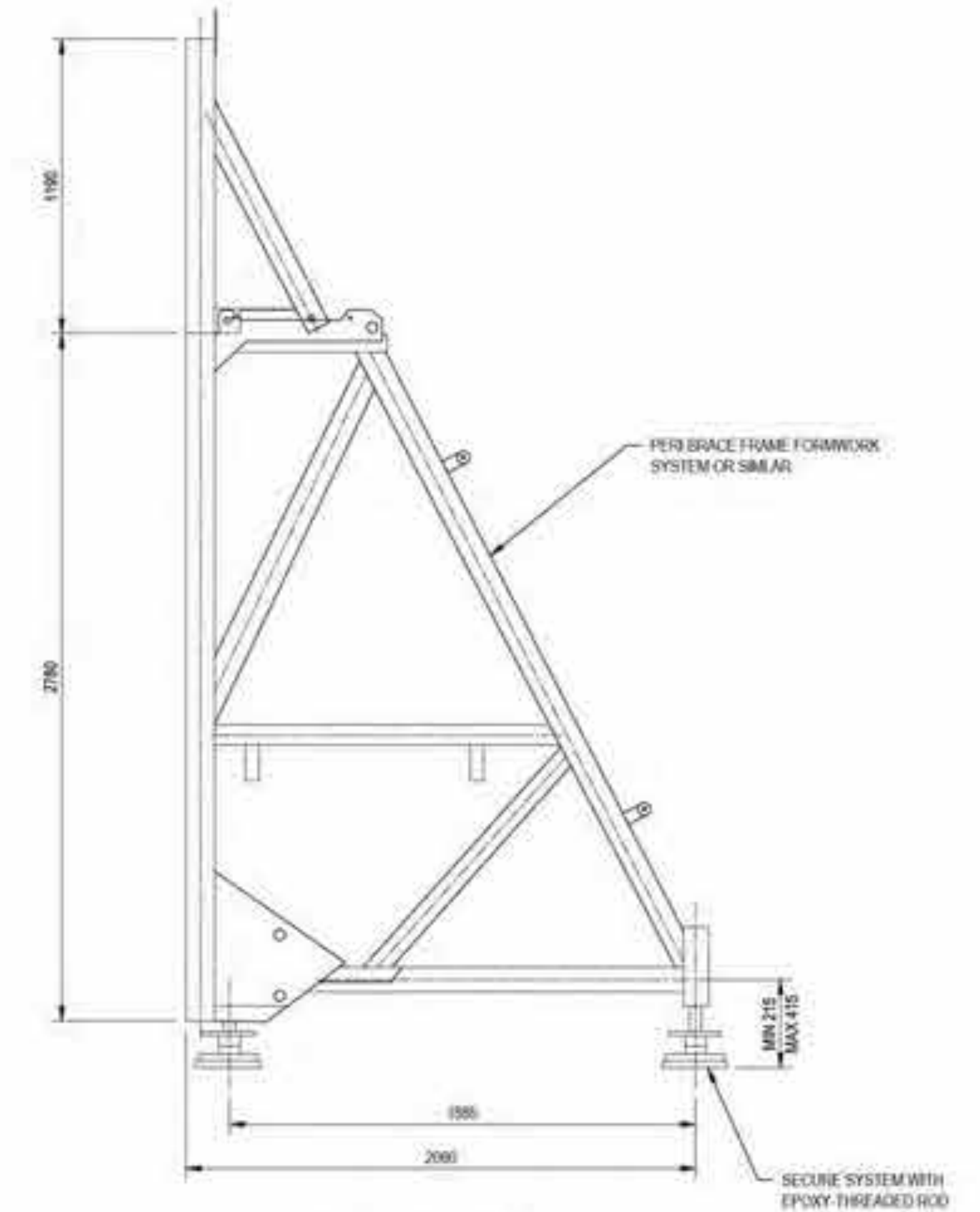
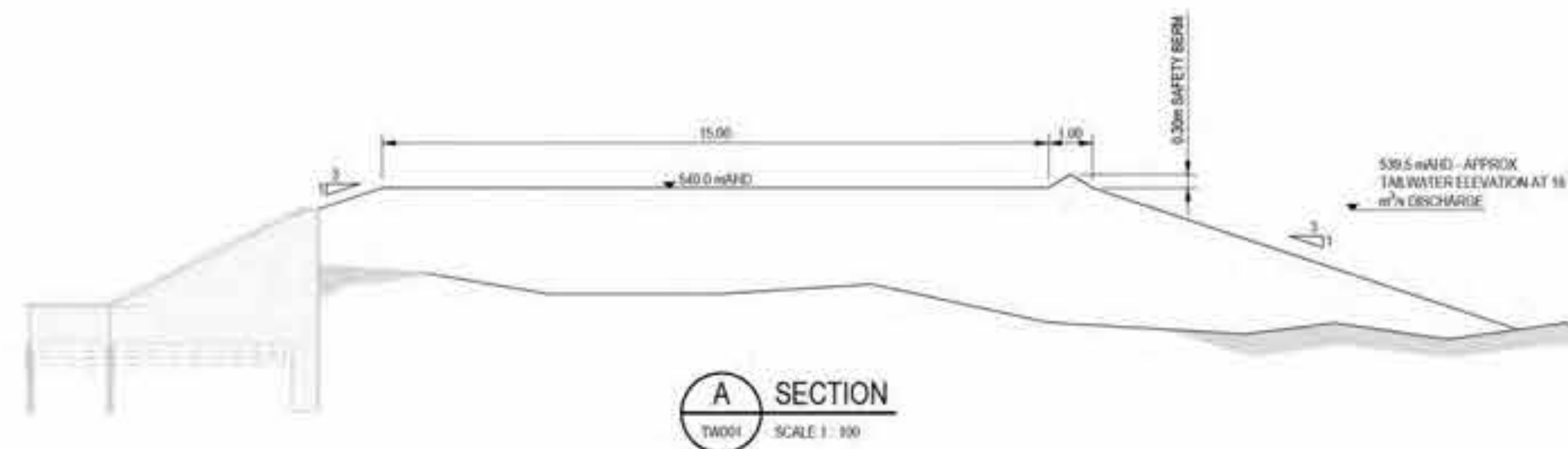
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CIVIL  
TEMPORARY CONSTRUCTION  
WORKS  
STAGE 2

Sheet No.  
XXXXXX

Sheet No.  
12591211-TW002

Size  
A1  
Rev  
A





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Project: SCRIVENER DAM DISSIPATOR  
STRENGTHENING PROJECT  
Status: PRELIMINARY

Drawing Title: CIVIL  
TEMPORARY CONSTRUCTION  
WORKS  
COFFER DAM

Size: A1  
Rev: A