
Appendix B

Detailed maps and plans

NSW SDLAM PROGRAM

YANCO CREEK MODERNISATION

PART 2A - HARTWOOD REGULATOR

DRAWING LIST

GENERAL

DE19-823-YCM2A-DE-CV-DRG-0001
 DE19-823-YCM2A-DE-CV-DRG-0002
 DE19-823-YCM2A-DE-CV-DRG-0003
 DE19-823-YCM2A-DE-CV-DRG-0004
 DE19-823-YCM2A-DE-CV-DRG-0005
 DE19-823-YCM2A-DE-CV-DRG-0006
 DE19-823-YCM2A-DE-CV-DRG-0007

COVER SHEET, LOCALITY PLAN AND DRAWING LIST
 DRAWING LIST (CONTINUED)
 GENERAL AND STRUCTURAL NOTES - SHEET 1
 GENERAL AND STRUCTURAL NOTES - SHEET 2
 GENERAL AND STRUCTURAL NOTES - SHEET 3
 GENERAL AND STRUCTURAL NOTES - SHEET 4
 GENERAL AND STRUCTURAL NOTES - SHEET 5

CIVIL

DE19-823-YCM2A-DE-CV-DRG-0020
 DE19-823-YCM2A-DE-CV-DRG-0023
 DE19-823-YCM2A-DE-CV-DRG-0032
 DE19-823-YCM2A-DE-CV-DRG-0033
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 DE19-823-YCM2A-DE-CV-DRG-1160
 DE19-823-YCM2A-DE-CV-DRG-1170
 DE19-823-YCM2A-DE-CV-DRG-1180

HARTWOOD REGULATOR - LOCALITY PLAN
 HARTWOOD REGULATOR - EXISTING CONDITIONS PLAN
 HARTWOOD REGULATOR - DEMOLITION PLAN
 HARTWOOD REGULATOR - EXISTING ACCESS DEMOLITION PLAN
 HARTWOOD REGULATOR - SETOUT PLAN
 HARTWOOD REGULATOR - EARTHWORKS OVERALL PLAN
 HARTWOOD REGULATOR - EARTHWORKS DETAILED PLAN - SHEET 1
 HARTWOOD REGULATOR - EARTHWORKS DETAILED PLAN - SHEET 2
 HARTWOOD REGULATOR - EARTHWORKS DETAILED PLAN - SHEET 3
 HARTWOOD REGULATOR - EARTHWORKS DETAILED PLAN - SHEET 4
 HARTWOOD REGULATOR - EARTHWORKS CROSS SECTIONS - SHEET 1
 HARTWOOD REGULATOR - EARTHWORKS CROSS SECTIONS - SHEET 2
 HARTWOOD REGULATOR - EARTHWORKS CROSS SECTIONS - SHEET 3
 HARTWOOD REGULATOR - EARTHWORKS CROSS SECTIONS - SHEET 4
 HARTWOOD REGULATOR - EARTHWORKS CROSS SECTIONS - SHEET 5
 HARTWOOD REGULATOR - EARTHWORKS CROSS SECTIONS - SHEET 6
 HARTWOOD REGULATOR - SIGNAGE LAYOUT PLAN
 HARTWOOD ACCESS CULVERT - GENERAL ARRANGEMENT PLAN
 HARTWOOD ACCESS CULVERT - LONGITUDINAL SECTION
 HARTWOOD ACCESS CULVERT - TYPICAL SECTIONS AND DETAILS
 HARTWOOD ACCESS CULVERT - SIGNAGE LAYOUT PLAN
 HARTWOOD ACCESS CULVERT - STRUCTURAL DETAILS - SHEET 1
 HARTWOOD ACCESS CULVERT - STRUCTURAL DETAILS - SHEET 2
 FOREST CREEK BLOCK BANK - GENERAL ARRANGEMENT PLAN
 FOREST CREEK BLOCK BANK - LONGITUDINAL SECTION
 FOREST CREEK BLOCK BANK - TYPICAL SECTIONS
 FOREST CREEK BLOCK BANK - SIGNAGE LAYOUT PLAN
 HARTWOOD ACCESS TRACK - GENERAL ARRANGEMENT PLAN
 HARTWOOD ACCESS TRACK - PAVEMENT PLAN
 HARTWOOD ACCESS TRACK - SETOUT PLAN - SHEET 1
 HARTWOOD ACCESS TRACK - SETOUT PLAN - SHEET 2
 HARTWOOD ACCESS TRACK - SETOUT PLAN - SHEET 3
 HARTWOOD ACCESS TRACK - SETOUT TABLES
 HARTWOOD ACCESS TRACK - LONGITUDINAL SECTION - SHEET 1
 HARTWOOD ACCESS TRACK - LONGITUDINAL SECTION - SHEET 2
 HARTWOOD ACCESS TRACK - LONGITUDINAL SECTION - SHEET 3
 HARTWOOD ACCESS TRACK - TYPICAL SECTIONS AND DETAILS
 HARTWOOD ACCESS TRACK - SIGNAGE LAYOUT PLAN
 FOREST CREEK BLOCK BANK ACCESS TRACK - GENERAL ARRANGEMENT PLAN
 FOREST CREEK BLOCK BANK ACCESS TRACK - PAVEMENT PLAN
 FOREST CREEK BLOCK BANK ACCESS TRACK - SETOUT PLAN
 FOREST CREEK BLOCK BANK ACCESS TRACK - SETOUT DETAILS
 FOREST CREEK BLOCK BANK ACCESS TRACK - SETOUT TABLES
 FOREST CREEK BLOCK BANK ACCESS TRACK - LONGITUDINAL SECTION
 FOREST CREEK BLOCK BANK ACCESS TRACK - TYPICAL SECTIONS AND DETAILS
 FOREST CREEK BLOCK BANK ACCESS TRACK - SIGNAGE LAYOUT PLAN

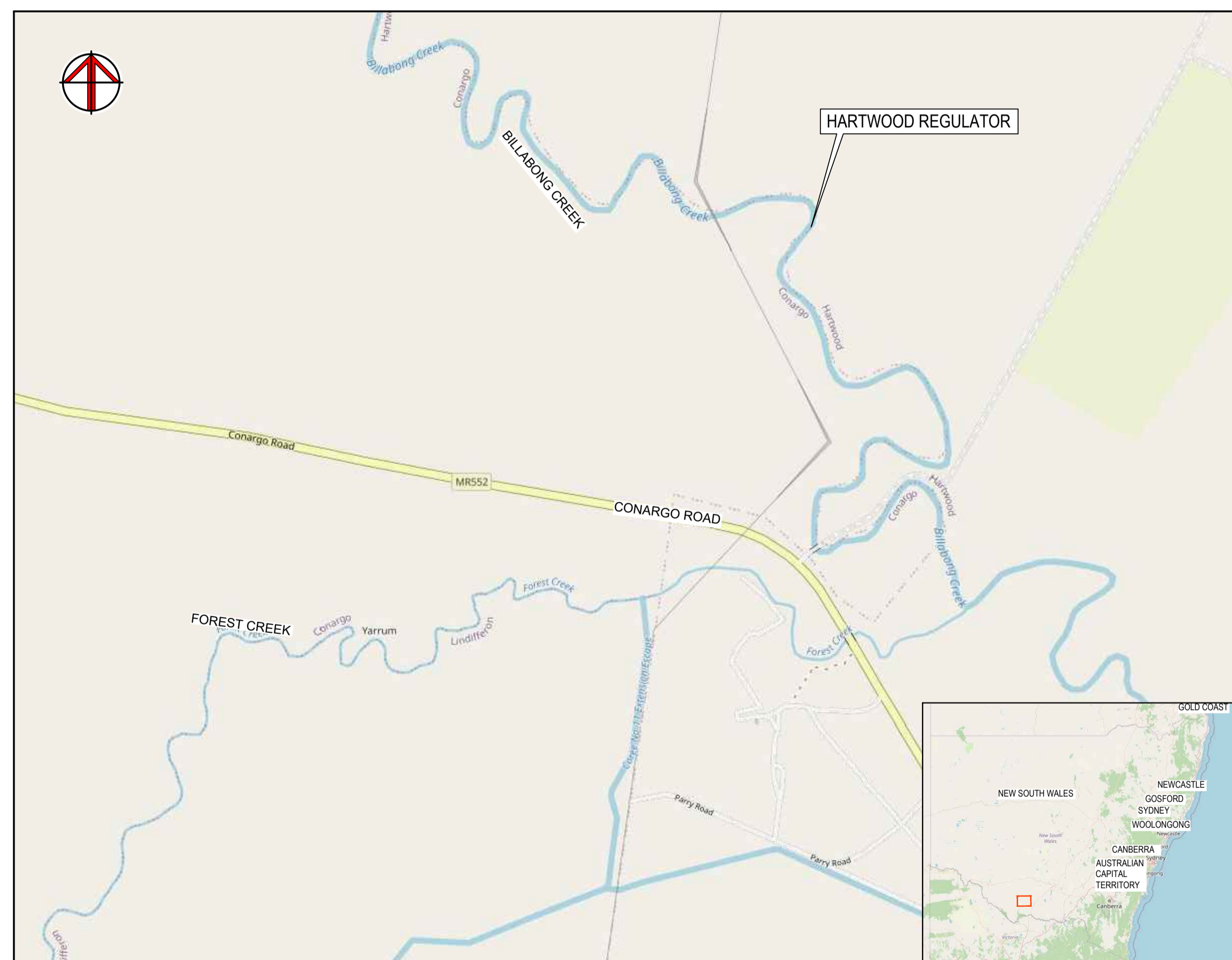


Image from OpenStreetMap contributors.

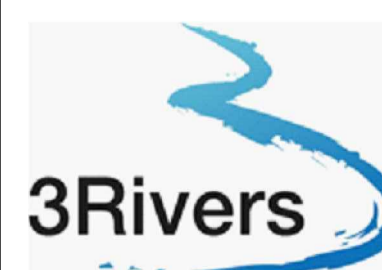
LOCALITY PLAN
 NTS

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DESIGN CHK	C. THOMAS	DATE	19/07/24
DRAFT CHK	PC. WONG	DATE	19/07/24
REVIEWED	M. PRESSWELL	DATE	19/07/24
APPROVED	D. CHUBB	DATE	19/07/24
SCALE	NTS	SHEET	1 OF 2

TITLE	NSW SDLAM PROGRAM YANCO CREEK MODERNISATION PART 2A - HARTWOOD REGULATOR COVER SHEET, LOCALITY PLAN AND DRAWING LIST
DRAWING	DE19-823-YCM2A-DE-CV-DRG-0001
REV	A

DE19-823-YCM2A-DE-CV-DRG-0045

DE19-823-YCM2A-DE-CV-DRG-0046

NOTES:

- SURVEY UNDERTAKEN BY PRICE MERRETT ON 8/11/21 AND 3/4/23 WITH ADDITIONAL INFORMATION PROVIDED FROM LIDAR.
- FINAL SLOPE OF CUT BATTERS TO BE CONFIRMED ON SITE BY PRINCIPAL.
- PAVEMENT FOR HARDSTAND TO CONSIST OF
 - 100mm WEARING COURSE; ON
 - 300mm DGB20 CEMENT MODIFIED (UCS >2 MPa); ON
 - 500mm SELECTED FILL (SAND) WITH A MINIMUM CBR OF 15% IN ACCORDANCE WITH TfNSW STANDARD TS 033.16.1_1.00_SELECT MATERIAL FOR EARTHWORKS; ON
 - SUBGRADE CBR OF 3%.
- FLOATING BARRIER BUOYS WITH 2.5m SPACING TO BE YELLOW.
- CONNECTION CHAIN / BARS INCASUED WITH PVC TO BE YELLOW.
- CENTER BUOY TO BE RED WITH SIGN: "NO BOATS PAST BARRIER".
- DIAMETER TO BUOY IS 470mm, ROTOR MOULDED AND FOAM FILLED.
- BUOY WARNING SIGNAGE TO COMPLY TO AUSTRALIAN STANDARD AS 1319-1994.
- BUOY AND FLOATING SAFETY BARRIER (BUOYLINES) TO HAVE REFLECTIVE TAPE TO AS/NZS 1906.1:1993. CONFIRM CLASS WITH PRINCIPAL AUTHORIZED PERSON.
- BATTER SHOWN ARE FOR FINISHED SURFACE. CONTRACTOR TO CONSIDER TEMPORARY BATTERS FOR CONSTRUCTION.
- BATTER TO HAVE TOPSOIL (MIN 100mm), SEED AND JUTE MESH.

INSTALL ROCK BEACHING OVER BIDIM A44 GEOTEXTILE D50=600mm, 1200mm THICK. EXTEND 9.5m DOWNSTREAM OF APRON OVERLAY GEOTEXTILE ON 300mm THICK COARSE SAND FILTER (ZONE 2B) EXTENDING 4.5m DOWNSTREAM OF APRON.

INSTALL 2.4m HIGH SECURITY FENCING IN ACCORDANCE WITH WATER NSW SPECIFICATION WNSW-FEN-GS-001

INSTALL W BEAM SAFETY BARRIER ON TOP OF RETAINING WALL. CONNECTION TO TOP OF WALL REFER TO DWG DE19-823-YCM2A-DE-SE-DRG-0482

600mm THICK FILTER ZONE 2A

SLOPING WALL

FISHWAY ENTRY

DOWNSTREAM



BILLABONG CREEK

FOR REGULATOR, DETAILS REFER TO DE19-823-YCM2A-DE-SE-DRG-0101 TO 0292

BRIDGE - FOR DETAILS REFER TO DE19-823-YCM2A-DE-SE-DRG-0401 TO 0490

INSTALL 2.4m HIGH SECURITY FENCING IN ACCORDANCE WITH WATER NSW SPECIFICATION WNSW-FEN-GS-001

INSTALL HIGH SECURITY GATES 4.2m WIDE IN ACCORDANCE WITH WATER NSW SPECIFICATION WNSW-FEN-GS-001

INSTALL HIGH SECURITY GATES 4.2m WIDE IN ACCORDANCE WITH WATER NSW SPECIFICATION WNSW-FEN-GS-001

INSTALL HIGH SECURITY PEDESTRIAN GATE 1.01m WIDE IN ACCORDANCE WITH WATER NSW SPECIFICATION WNSW-FEN-GS-001

HARDSTAND

COMMUNICATIONS MAST TO BE INSTALLED

REGULATOR AND PRIMARY STILLING BASIN

ACTUATOR PLATFORM

LEVEL SENSOR

UPSTREAM BULKHEAD GUIDES

LEVEL SENSOR

LAYFLAT GATES 2.02m WIDE X 3.34m HIGH (VERTICAL) - 5 IN TOTAL

GATE PIERS WITH WALKWAY GRATING OVER

INSTALL GAUGE BOARD ON SIDE OF FISHWAY

UPSTREAM



UPSTREAM

INSTALL ROCK BEACHING OVER BIDIM A44 GEOTEXTILE D50=500mm, 1000mm THICK. EXTEND 10m UPSTREAM OF REGULATOR GATES

CONCRETE ANCHOR BLOCK FOR FLOATING BARRIER (TYP).

SUPPLY AND INSTALL FLOATING BARRIER TO MANUFACTURERS SPECIFICATIONS. LOCATE 30m UPSTREAM OF REGULATOR GATES. SEE NOTES FOR DETAILS

INSTALL ROCK BEACHING OVER BIDIM A44 GEOTEXTILE D50=300mm, 600mm THICK. TRANSITION FROM D50=600mm OVER 3m TO SHORTER LENGTH AND SHALLOWER ROCK OVERLAY GEOTEXTILE ON 300mm THICK COARSE SAND FILTER (ZONE 2B) EXTENDING 4.5m DOWNSTREAM OF APRON

HARDSTAND AND TURNAROUND AREA

INSTALL RURAL GATE IN ACCORDANCE WITH WATER NSW STANDARD WNSW-FEN.GS.001 MINIMUM WIDTH 4.2m

3.12m x 3.12m ELECTRICAL CONTROL HOUSE SEE DE19-823-YCM2A-DE-SE-DRG-0370

CATCH DRAIN 0.5% GRADE

-3.0%

BOLLARDS

FISHWAY

FISHWAY EXIT

FOR FISHWAY DETAILS REFER TO DE19-823-YCM2A-DE-SE-DRG-0301 TO 0360

CONCRETE ANCHOR BLOCK

INSTALL ROCK BEACHING OVER BIDIM A44 GEOTEXTILE D50=300mm, 600mm THICK. TRANSITION FROM D50=600mm OVER 3m TO SHORTER LENGTH AND SHALLOWER TOCK OVERLAY GEOTEXTILE ON 300mm THICK COARSE SAND FILTER EXTENDING 3m DOWNSTREAM OF APRON

DE19-823-YCM2A-DE-CV-DRG-0043

DE19-823-YCM2A-DE-CV-DRG-0044

LEGEND:

GENERAL

- HERITAGE BUFFER EXTENT
- HERITAGE EXCLUSION ZONE
- CONTRACTOR ACTIVITY ZONE
- FENCE

EXISTING

- EXISTING CONTOURS
- TREE TO BE REMOVED

DESIGN

- DESIGN CONTOURS
- ROCK BEACHING
- HARDSTAND AREA
- ACCESS TRACK

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PLAN SCALE 1:200



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SCALE	1:200	SHEET	1 OF 1

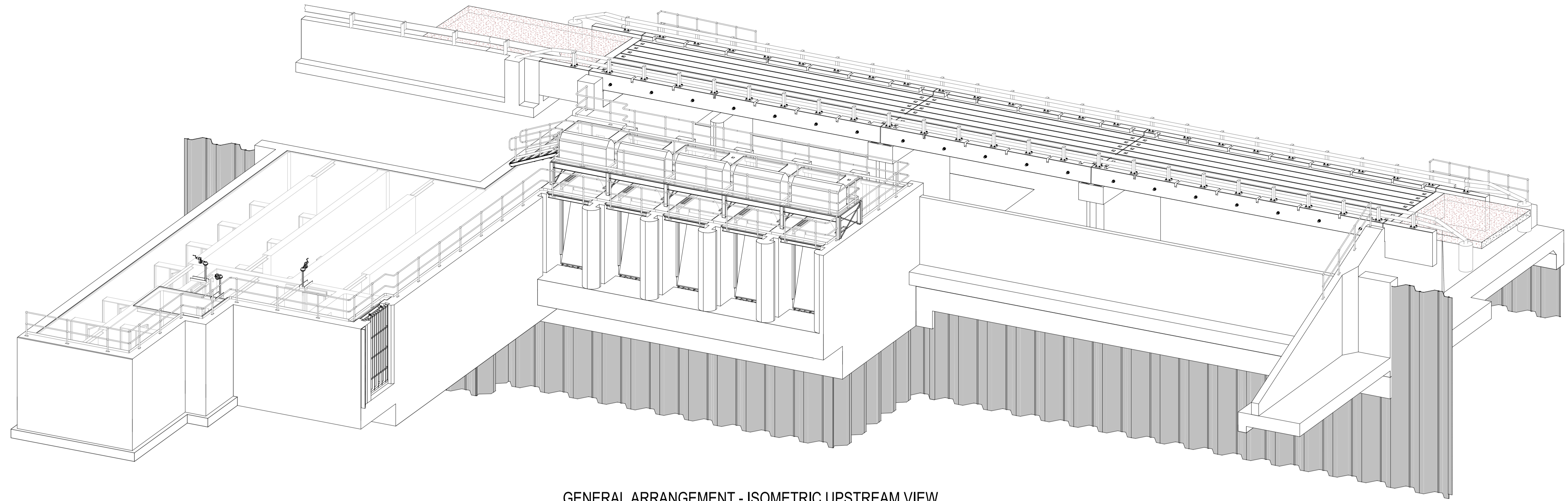
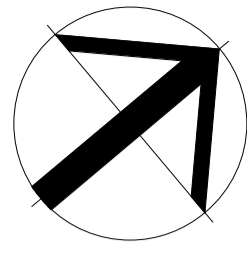
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**NSW SDLAM PROGRAM
YANCO CREEK MODERNISATION
PART 2A - HARTWOOD REGULATOR
EARTHWORKS OVERALL PLAN**

DRAWING
DE19-823-YCM2A-DE-CV-DRG-0042

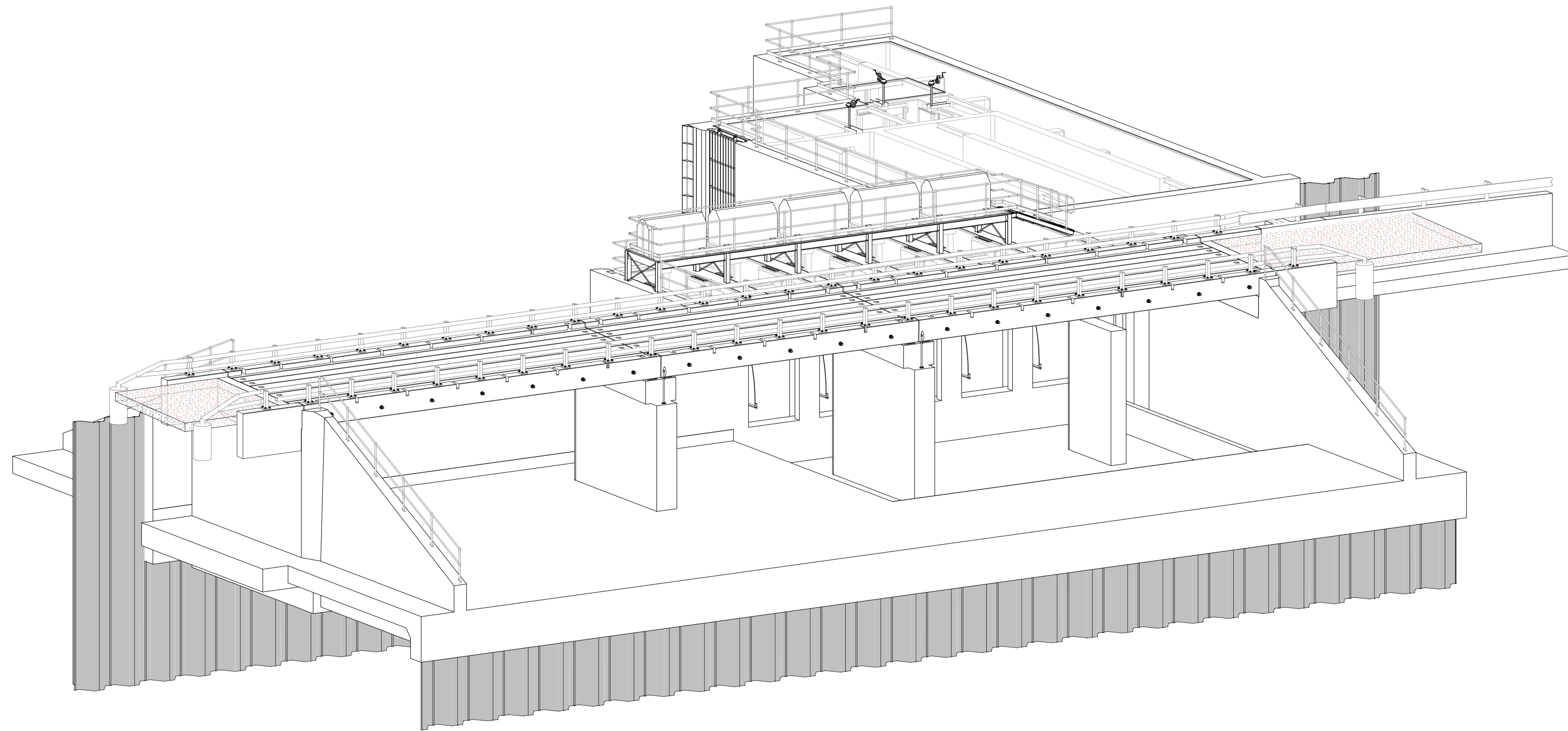
REV
A

No.	Description	YA	MP	DC	19/07/24
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GENERAL ARRANGEMENT - ISOMETRIC UPSTREAM VIEW
NOT TO SCALE



GENERAL ARRANGEMENT - ISOMETRIC DOWNSTREAM VIEW
NOT TO SCALE

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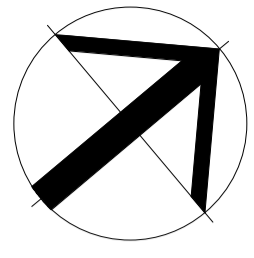
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SCALE	NTS	SHEET	1 OF 1

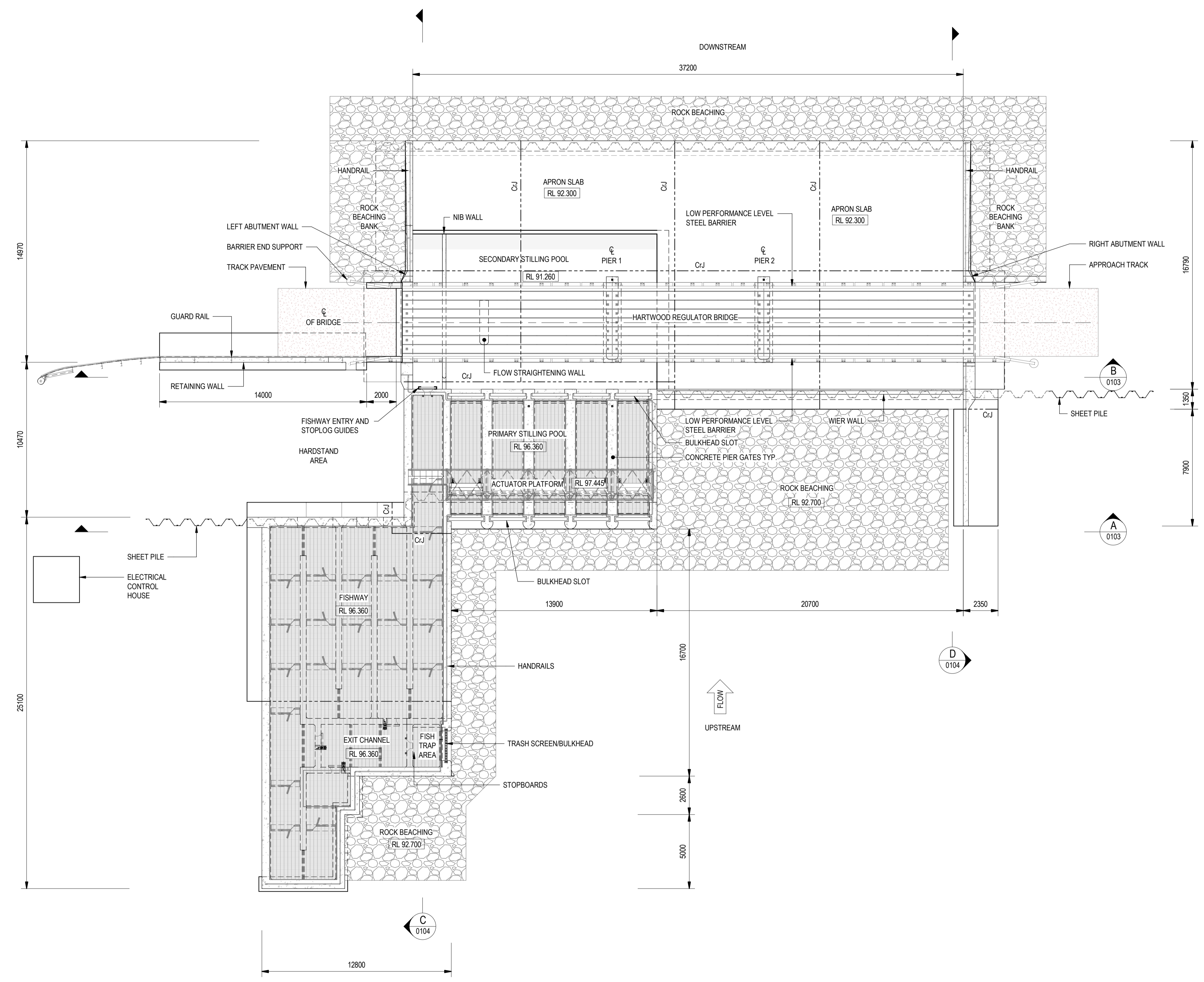
TITLE	NSW SDLAM PROGRAM
	YANCO CREEK MODERNISATION
	PART 2A - HARTWOOD REGULATOR
	GENERAL ARRANGEMENT - ISOMETRIC VIEW
DRAWING	DE19-823-YCM2A-DE-SE-DRG-0101

REV A



NOTES:
 1. FOR GENERAL NOTES REFER TO DRAWING DE19-823-YCM2A-DE-CV-DRG-003 TO 007.

- LEGEND:**
- DENOTES CONTRACTION JOINT
 - DENOTES CONSTRUCTION JOINT
 - ROCK BEACHING
 - APPROACH TRACK - CRUSHED ROCK PAVEMENT
 - DENOTES FLOW DIRECTION
 - DENOTES SPOT LEVEL



GENERAL ARRANGEMENT
 SCALE 1:150

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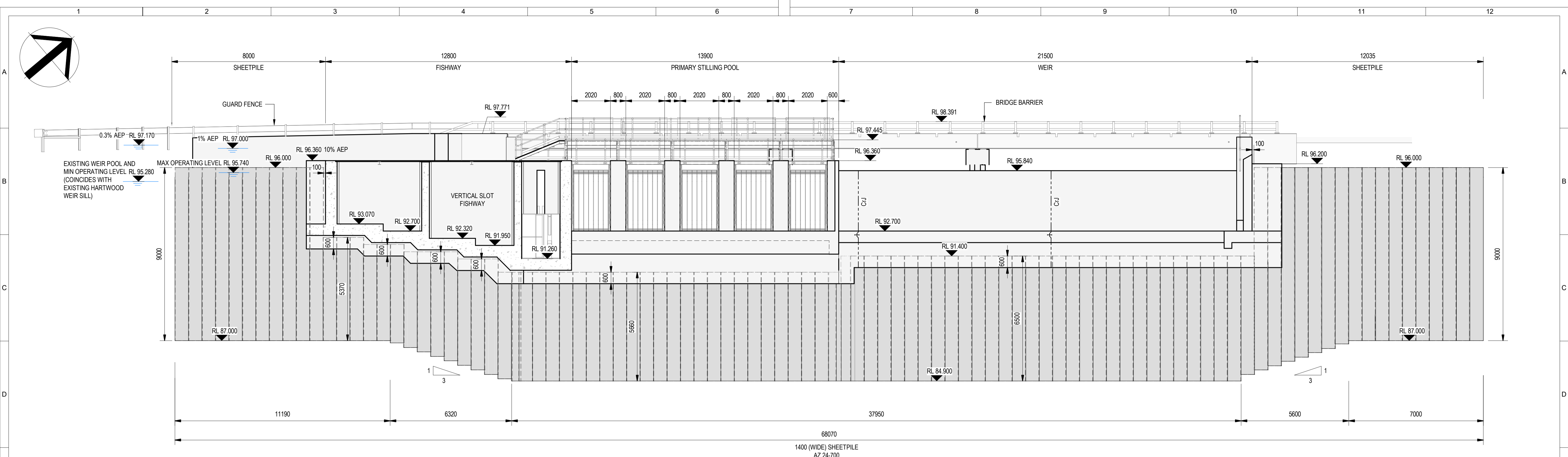
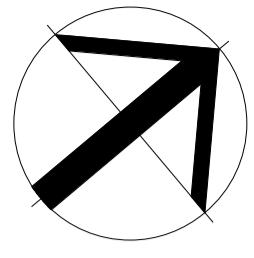


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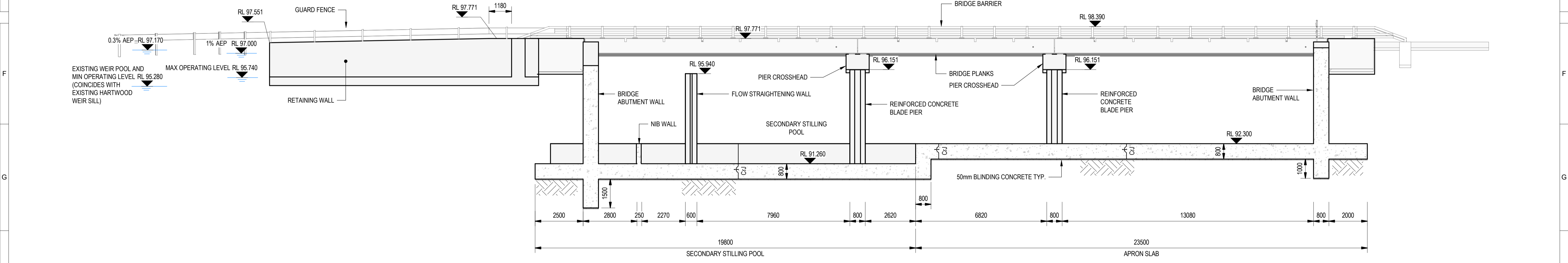


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SCALE	1:150	SHEET	1 OF 1

TITLE	NSW SDLAM PROGRAM YANCO CREEK MODERNISATION PART 2A - HARTWOOD REGULATOR GENERAL ARRANGEMENT - PLAN
DRAWING	DE19-823-YCM2A-DE-SE-DRG-0102
REV	A



A SECTION
0102 SCALE 1:100



B SECTION
0102 SCALE 1:100

NOTES:
1. FOR GENERAL NOTES REFER TO DRAWING DE19-823-YCM2A-DE-CV-DRG-003 TO 007.

- LEGEND:**
- CrJ DENOTES CONTRACTION JOINT
 - CJ DENOTES CONSTRUCTION JOINT
 - ROCK BEACHING
 - CONCRETE SECTION
 - BLINDING CONCRETE
 - CONCRETE IN BACKGROUND
 - GROUND LEVEL
 - SHEETPILE

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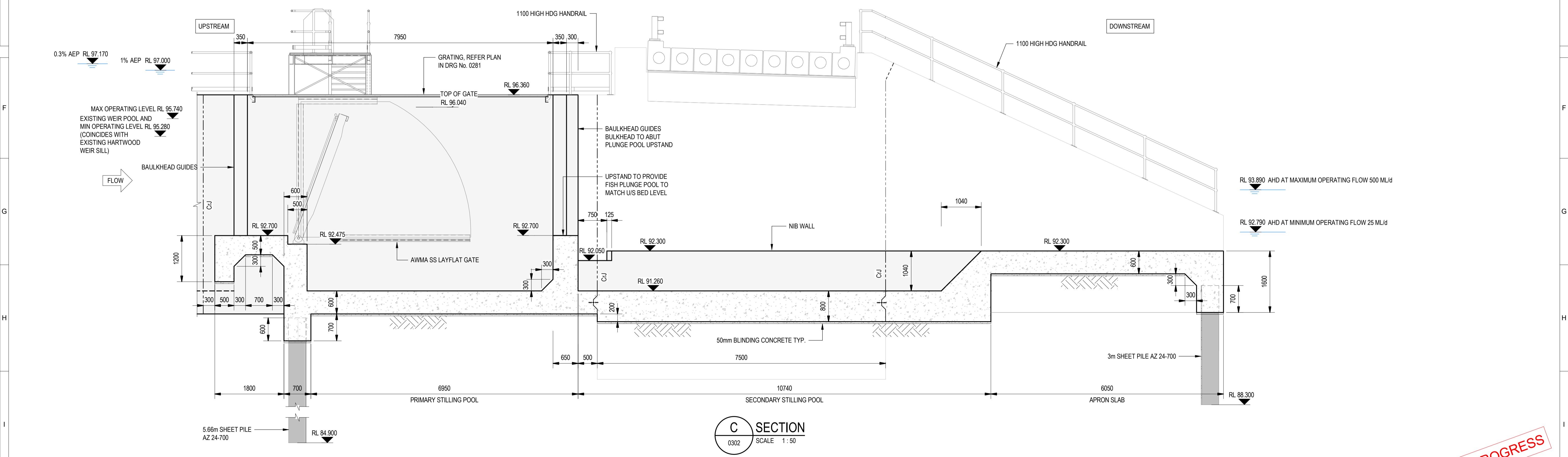
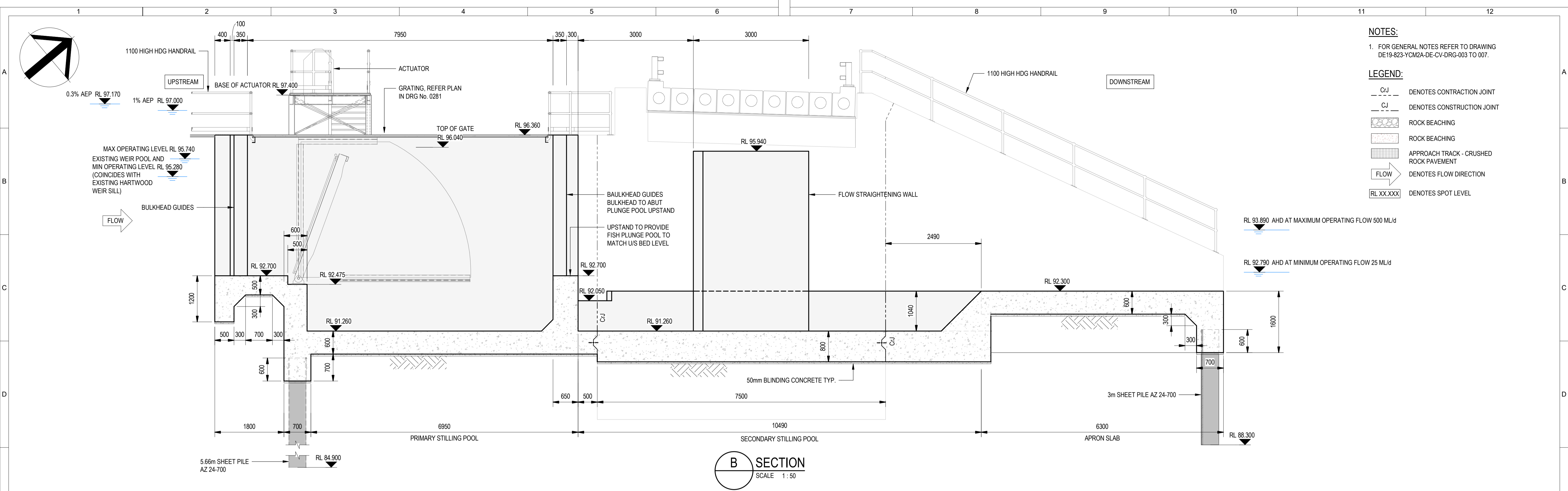
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SCALE	1:100	SHEET	1 OF 1

TITLE
NSW SDLAM PROGRAM
YANCO CREEK MODERNISATION
PART 2A - HARTWOOD REGULATOR
GENERAL ARRANGEMENT - SECTIONS - SHEET 1
DRAWING
DE19-823-YCM2A-DE-SE-DRG-0103
REV **A**

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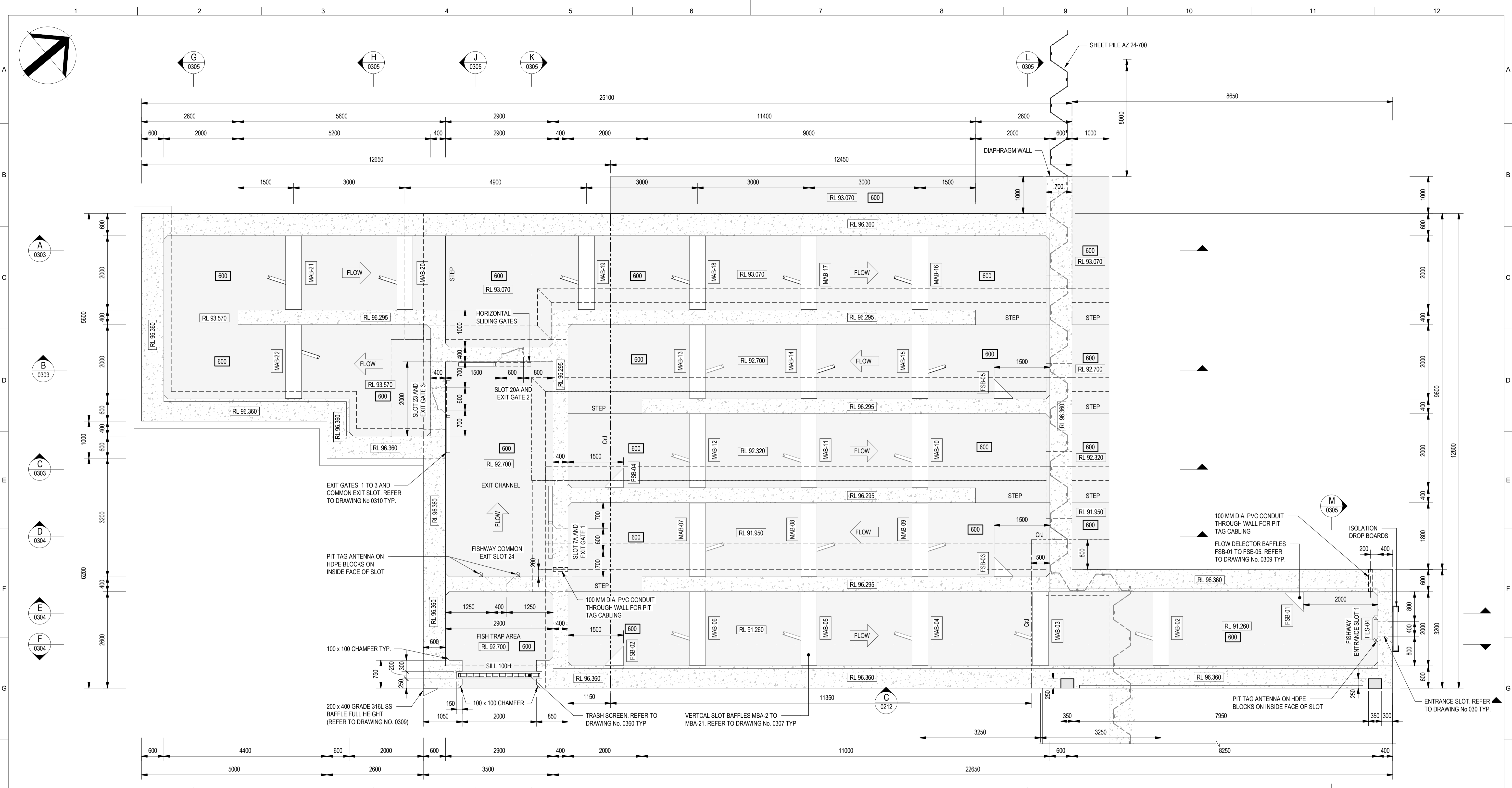
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APPROVED	D. CHUBB	DATE	19/07/24
SCALE	1:50	SHEET	1 OF 1

TITLE	NSW SDLAM PROGRAM YANCO CREEK MODERNISATION PART 2A - HARTWOOD REGULATOR REGULATOR, STILLING BASIN & APRON - CONC. SECTIONS - 2
DRAWING	DE19-823-YCM2A-DE-SE-DRG-0212
REV	A



FISHWAY CONCRETE PLAN
SCALE 1:50

LEGEND:

- XXX DENOTES SLAB THICKNESS
- RL XXXXXX DENOTES SPOT LEVEL
- FSB-01 DENOTES FISHWAY ENTRANCE SLOT MARK. REFER DRG. 0309 FOR DETAILS AND TABLE.
- MAB-01 DENOTES MARINE GRADE BAFFLE MARK. REFER DRG. 0308 FOR DETAILS AND TABLE.
- Cd DENOTES CONTRACTION JOINT
- ➔ DENOTES FLOW DIRECTION
- CONCRETE IN SECTION
- CONCRETE IN BACKGROUND

NOTES:

1. FOR GENERAL NOTES REFER TO DRAWING DE19-823-YCM2A-DE-CV-DRG-003 TO 007.

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11th Floor, 452 Flinders Street MELBOURNE, VIC 3000 Australia



DESIGNED BY **M. FAZLI** DATE **19/07/24**
 DRAWN BY **K. BELLEN** DATE **19/07/24**
 DESIGN CHK **R. DARABI** DATE **19/07/24**
 DRAFT CHK **PC. WONG** DATE **19/07/24**
 REVIEWED **M. PRESSWELL** DATE **19/07/24**
 APPROVED **D. CHUBB** DATE **19/07/24**

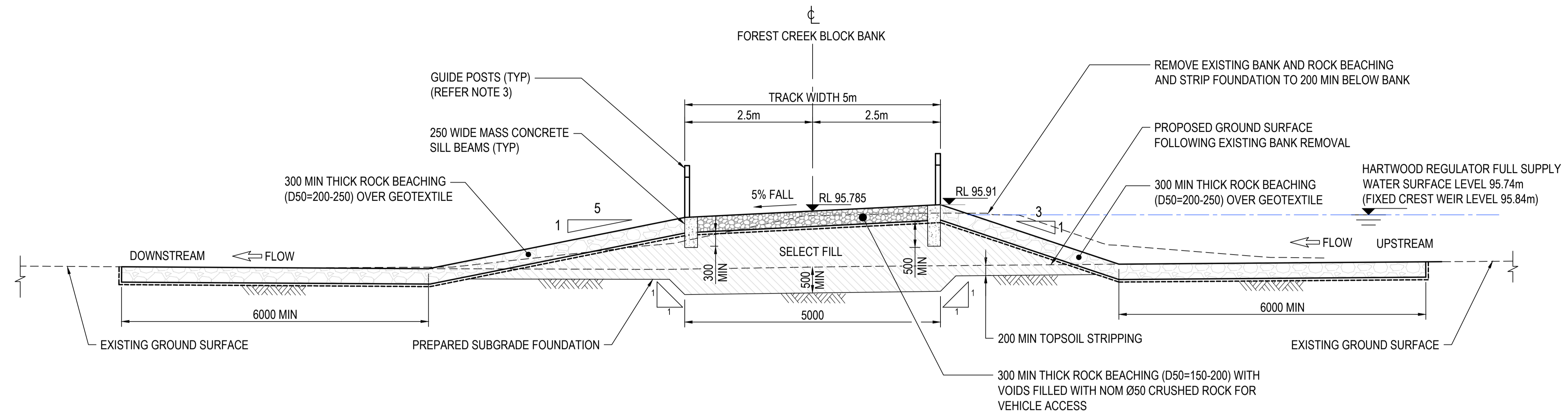
TITLE
NSW SDLAM PROGRAM
YANCO CREEK MODERNISATION
PART 2A - HARTWOOD REGULATOR
FISHWAY - CONCRETE PLAN

DRAWING
DE19-823-YCM2A-DE-SE-DRG-0302

SCALE **1:50** SHEET **1** OF **1**

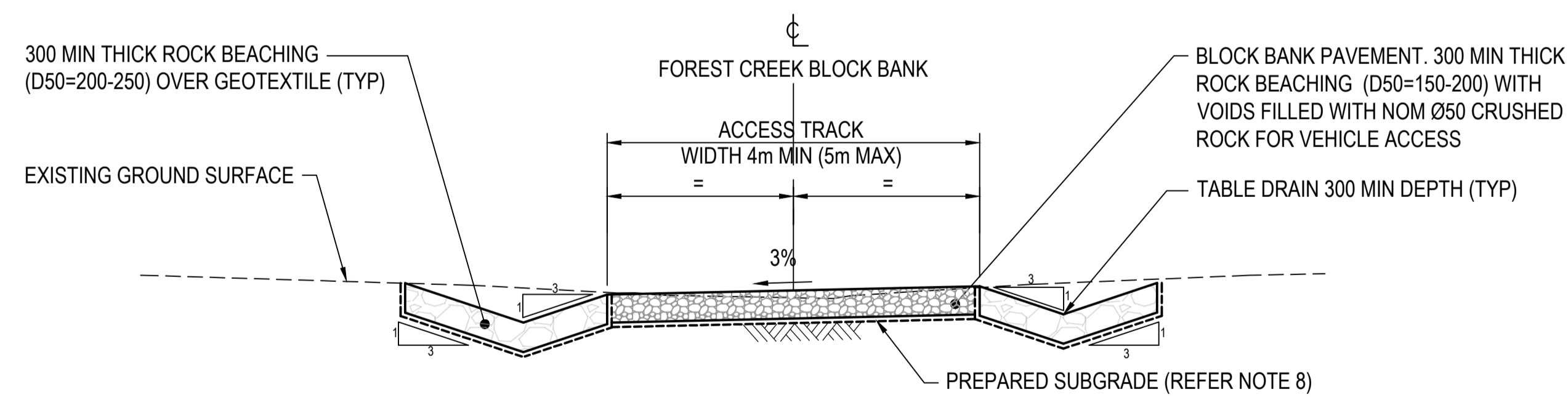
REV **A**

- NOTES:**
- REFER TO DE19-823-YCM2A-DE-CV-DRG-1050 FOR GENERAL ARRANGEMENT PLAN.
 - REFER TO DE19-823-YCM2A-DE-CV-DRG-1051 FOR LONGITUDINAL SECTION.
 - GUIDEPOSTS TO BE PROVIDED WITHOUT REFLECTORS, SPACED EVERY 5m.
 - COMMENCE TO FLOW LEVEL 95.91 mAHD CONSISTENT WITH HISTORIC LEVELS OF THE BLOCK BANK PRIOR TO DAMAGE FROM PAST FLOODS.
 - EXISTING MATERIAL FROM BANK AND SPILLWAY TO BE REMOVED AND MAYBE SUITABLE FOR RE-USE.
 - SELECT FILL TO BE IN ACCORDANCE WITH THE SDLAM GENERAL DESIGN CRITERIA.



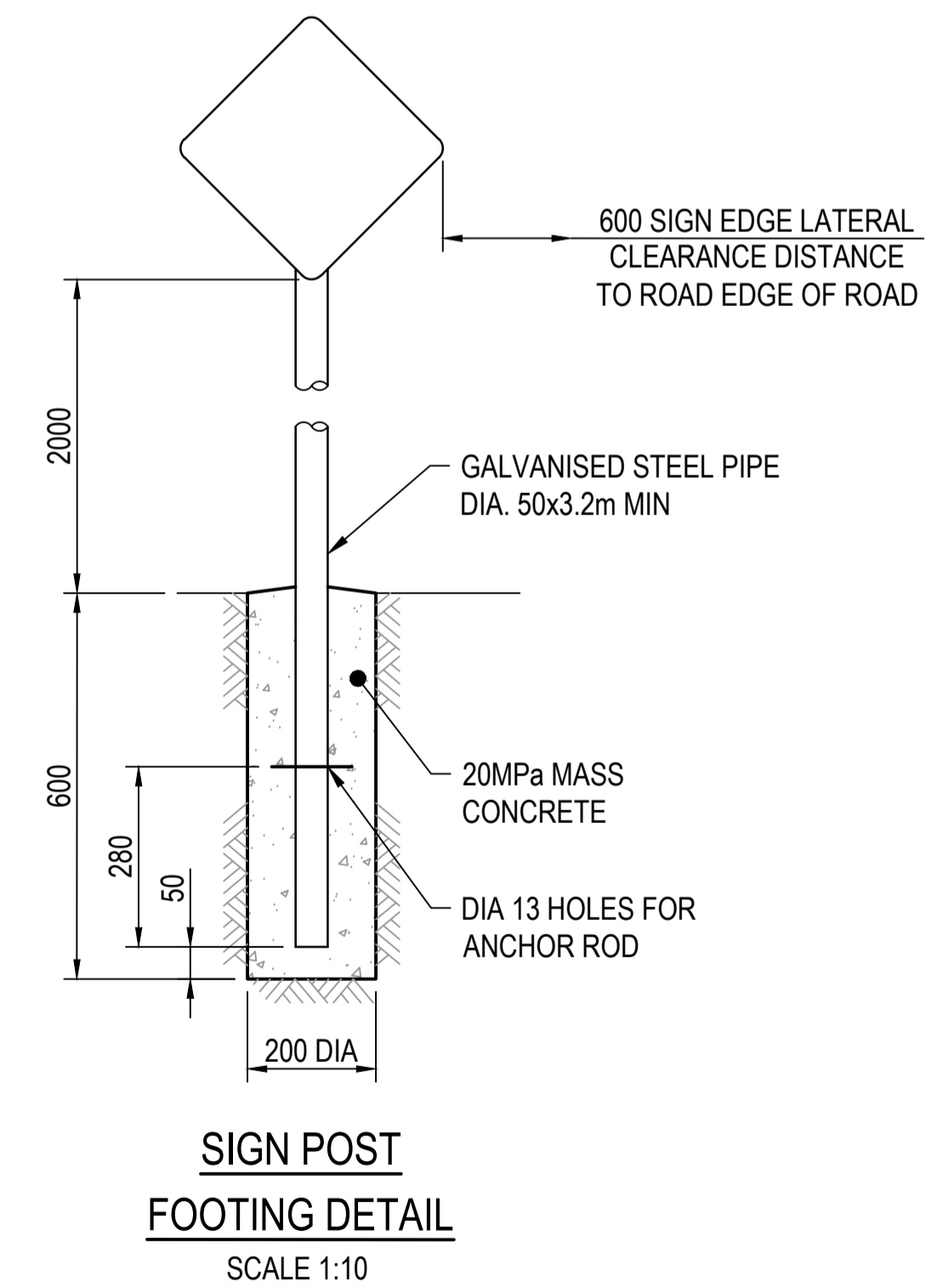
A SECTION
1050 SCALE 1:50

TYPICAL SECTION THROUGH BLOCK BANK SPILLWAY SECTION
(APPROX CH 293.10 TO CH 318.10)



B SECTION
1050 SCALE 1:50

TYPICAL SECTION THROUGH BLOCK BANK ABUTMENTS
(APPROX CH 277.10 TO CH 293.10 AND TO CH 318.10 TO CH 341.90)

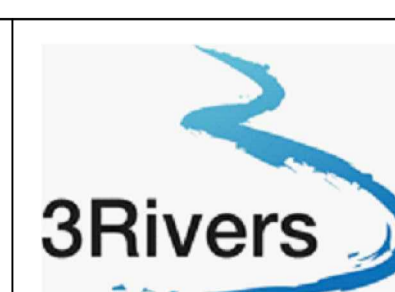
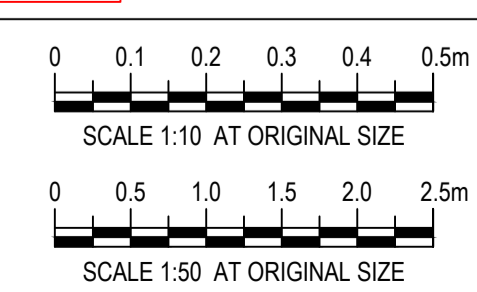


SIGN POST FOOTING DETAIL
SCALE 1:10

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No.	Description	Drawn	Review'd	Approv'd	Date
B	ISSUED FOR DRAFT DETAILED DESIGN	YA	MP	DC	19/07/24
A	FINAL CONCEPT DESIGN	RJ	JW	MP	13/10/23



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DESIGNED BY	A. KIM	DATE	19/07/24
DRAWN BY	Y. ANDRADE	DATE	19/07/24
DESIGN CHK	C. THOMAS	DATE	19/07/24
DRAFT CHK	PC. WONG	DATE	19/07/24
REVIEWED	M. PRESSWELL	DATE	19/07/24
APPROVED	D. CHUBB	DATE	19/07/24
SCALE AS SHOWN	SHEET 1 OF 1		

TITLE	NEW SDLAM PROGRAM YANCO CREEK MODERNISATION PART 2A - FOREST CREEK BLOCK BANK TYPICAL SECTIONS
DRAWING	DE19-823-YCM2A-DE-CV-DRG-1052
REV	B



NSW SDLAM PROGRAM YANCO CREEK MODERNISATION PART 2C - WANGANELLA REGULATOR

PRELIMINARY - WORK IN PROGRESS

DRAWING INDEX

DRAWING NUMBER	DRAWING TITLE
DE19-823-YCM2C-DE-SE-DRG-0001	COVER SHEET
DE19-823-YCM2C-DE-SE-DRG-0010	STRUCTURAL NOTES - SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0011	STRUCTURAL NOTES - SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0012	STRUCTURAL NOTES - SHEET 3
DE19-823-YCM2C-DE-SE-DRG-0013	STRUCTURAL NOTES - SHEET 4
DE19-823-YCM2C-DE-SE-DRG-0014	STRUCTURAL NOTES - SHEET 5
DE19-823-YCM2C-DE-SE-DRG-0015	STRUCTURAL NOTES - SHEET 6
DE19-823-YCM2C-DE-SE-DRG-0101	GENERAL ARRANGEMENT - ISOMETRIC VIEW
DE19-823-YCM2C-DE-SE-DRG-0102	GENERAL ARRANGEMENT
DE19-823-YCM2C-DE-SE-DRG-0103	GENERAL ARRANGEMENT - SECTIONS SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0104	GENERAL ARRANGEMENT - SECTIONS SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0121	GENERAL ARRANGEMENT - CONCRETE PLAN - BASE PLAN
DE19-823-YCM2C-DE-SE-DRG-0131	GENERAL ARRANGEMENT - CONCRETE PLAN - TOP OF CONCRETE
DE19-823-YCM2C-DE-SE-DRG-0201	REGULATOR STILLING BASIN AND APRON - ISOMETRIC VIEW
DE19-823-YCM2C-DE-SE-DRG-0202	REGULATOR STILLING BASIN AND APRON - CONCRETE PLAN
DE19-823-YCM2C-DE-SE-DRG-0211	REGULATOR STILLING BASIN AND APRON - CONCRETE SECTIONS SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0212	REGULATOR STILLING BASIN AND APRON - CONCRETE SECTIONS SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0213	REGULATOR STILLING BASIN AND APRON - CONCRETE SECTIONS SHEET 3
DE19-823-YCM2C-DE-SE-DRG-0214	REGULATOR STILLING BASIN AND APRON - CONCRETE SECTIONS SHEET 4
DE19-823-YCM2C-DE-SE-DRG-0231	REGULATOR SIDE AND SLOPING WALLS CONCRETE SECTIONS - SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0232	REGULATOR SIDE AND SLOPING WALLS CONCRETE SECTIONS - SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0241	PRIMARY STILLING BASIN BTM REINFORCEMENT PLAN
DE19-823-YCM2C-DE-SE-DRG-0242	PRIMARY STILLING BASIN TOP REINFORCEMENT PLAN
DE19-823-YCM2C-DE-SE-DRG-0245	PRIMARY STILLING BASIN REINFORCEMENT SECTIONS - SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0246	PRIMARY STILLING BASIN REINFORCEMENT SECTIONS - SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0251	PIER GATES REINFORCEMENT PLAN AND SECTIONS - SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0252	PIER GATES REINFORCEMENT PLAN AND SECTIONS - SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0253	PIER GATES REINFORCEMENT PLAN AND SECTIONS - SHEET 3
DE19-823-YCM2C-DE-SE-DRG-0261	SECONDARY STILLING POOL AND APRON SLAB BTM REINFORCEMENT PLAN
DE19-823-YCM2C-DE-SE-DRG-0262	SECONDARY STILLING POOL AND APRON SLAB TOP REINFORCEMENT PLAN
DE19-823-YCM2C-DE-SE-DRG-0263	CENTRE PIER REINFORCEMENT DETAILS
DE19-823-YCM2C-DE-SE-DRG-0265	SECONDARY STILLING POOL AND APRON SLAB REINFORCEMENT SECTIONS - SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0271	REGULATOR BASE SLAB BTM REINFORCEMENT PLAN
DE19-823-YCM2C-DE-SE-DRG-0272	REGULATOR BASE SLAB TOP REINFORCEMENT PLAN
DE19-823-YCM2C-DE-SE-DRG-0275	REGULATOR BASE SLAB REINFORCEMENT SECTIONS - SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0276	REGULATOR BASE SLAB REINFORCEMENT SECTIONS - SHEET 2

DRAWING INDEX

DRAWING NUMBER	DRAWING TITLE
DE19-823-YCM2C-DE-SE-DRG-0281	REGULATOR SIDE AND SLOPING WALL REINFORCEMENT DETAILS - SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0282	REGULATOR SIDE AND SLOPING WALL REINFORCEMENT DETAILS - SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0286	PIER GATES - GRATED WALKWAY PLAN
DE19-823-YCM2C-DE-SE-DRG-0291	ACUATOR PLATFORM - PLAN AND ELEVATION
DE19-823-YCM2C-DE-SE-DRG-0292	ACUATOR PLATFORM - SECTIONS AND DETAILS SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0301	FISHWAY - ISOMETRIC VIEW
DE19-823-YCM2C-DE-SE-DRG-0302	FISHWAY - CONCRETE PLAN
DE19-823-YCM2C-DE-SE-DRG-0303	FISHWAY - CONCRETE SECTIONS SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0304	FISHWAY - CONCRETE SECTIONS SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0307	FISHWAY - VERTICAL SLOT BAFFLES
DE19-823-YCM2C-DE-SE-DRG-0308	FISHWAY - ENTRANCE AND EXIT DETAILS
DE19-823-YCM2C-DE-SE-DRG-0309	FISHWAY - FLOW DEFLECTOR DETAILS
DE19-823-YCM2C-DE-SE-DRG-0311	FISHWAY - BASE SLAB BTM REINFORCEMENT - PLAN
DE19-823-YCM2C-DE-SE-DRG-0312	FISHWAY - BASE SLAB TOP REINFORCEMENT - PLAN
DE19-823-YCM2C-DE-SE-DRG-0321	FISHWAY - REINFORCEMENT SECTIONS SHEET 1
DE19-823-YCM2C-DE-SE-DRG-0322	FISHWAY - REINFORCEMENT SECTIONS SHEET 2
DE19-823-YCM2C-DE-SE-DRG-0323	FISHWAY - REINFORCEMENT SECTIONS SHEET 3
DE19-823-YCM2C-DE-SE-DRG-0324	FISHWAY - REINFORCEMENT SECTIONS SHEET 4
DE19-823-YCM2C-DE-SE-DRG-0325	FISHWAY - REINFORCEMENT SECTIONS SHEET 5
DE19-823-YCM2C-DE-SE-DRG-0331	FISHWAY - REINFORCEMENT TYPICAL DETAILS
DE19-823-YCM2C-DE-SE-DRG-0341	FISHWAY - REINFORCEMENT BAR SHAPE DIAGRAM
DE19-823-YCM2C-DE-SE-DRG-0351	FISHWAY - GRATED WALKWAY PLAN
DE19-823-YCM2C-DE-SE-DRG-0355	FISHWAY - GRATED WALKWAY DETAILS SHEET 1

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DRAFT CHK	DATE
REVIEWED	DATE
APPROVED	DATE
SCALE	SHEET OF

TITLE	NSW SDLAM PROGRAM YANCO CREEK MODERNISATION PART 2C - WANGANELLA REGULATOR COVER SHEET
DRAWING	DE19-823-YCM2C-DE-SE-DRG-0001

REV WIP



LEGEND:

GENERAL

 CONTRACTOR ACTIVITY ZONE

EXISTING

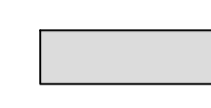
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 EXISTING TREE

 EXISTING ROAD CENTRELINE

DESIGN

 100.0 DESIGN CONTOURS

 HARTWOOD REGULATOR AND FISHWAY/ACCESS CULVERT DESIGN

 HARDSTAND AREA

NOTES:

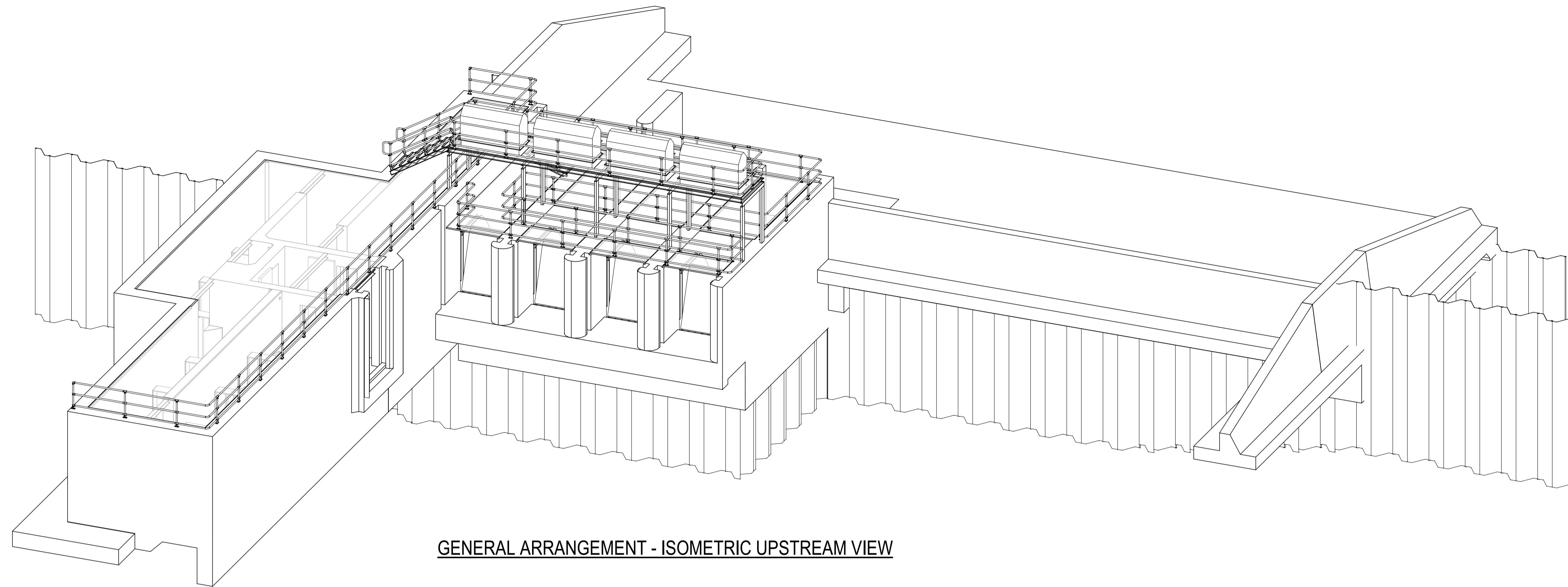
1. DESIGN IS BASED ON SURVEY PROVIDED BY PRICE MERRET CONSULTING. REF NO: S1464 REV:0 (03/04/23)
2. FOR SETOUT PLANS REFER TO DRG 1107.
3. FOR LONGITUDINAL SECTIONS REFER TO DRG 1110.
4. FOR TYPICAL SECTIONS AND DETAILS REFER TO DRG 1120.



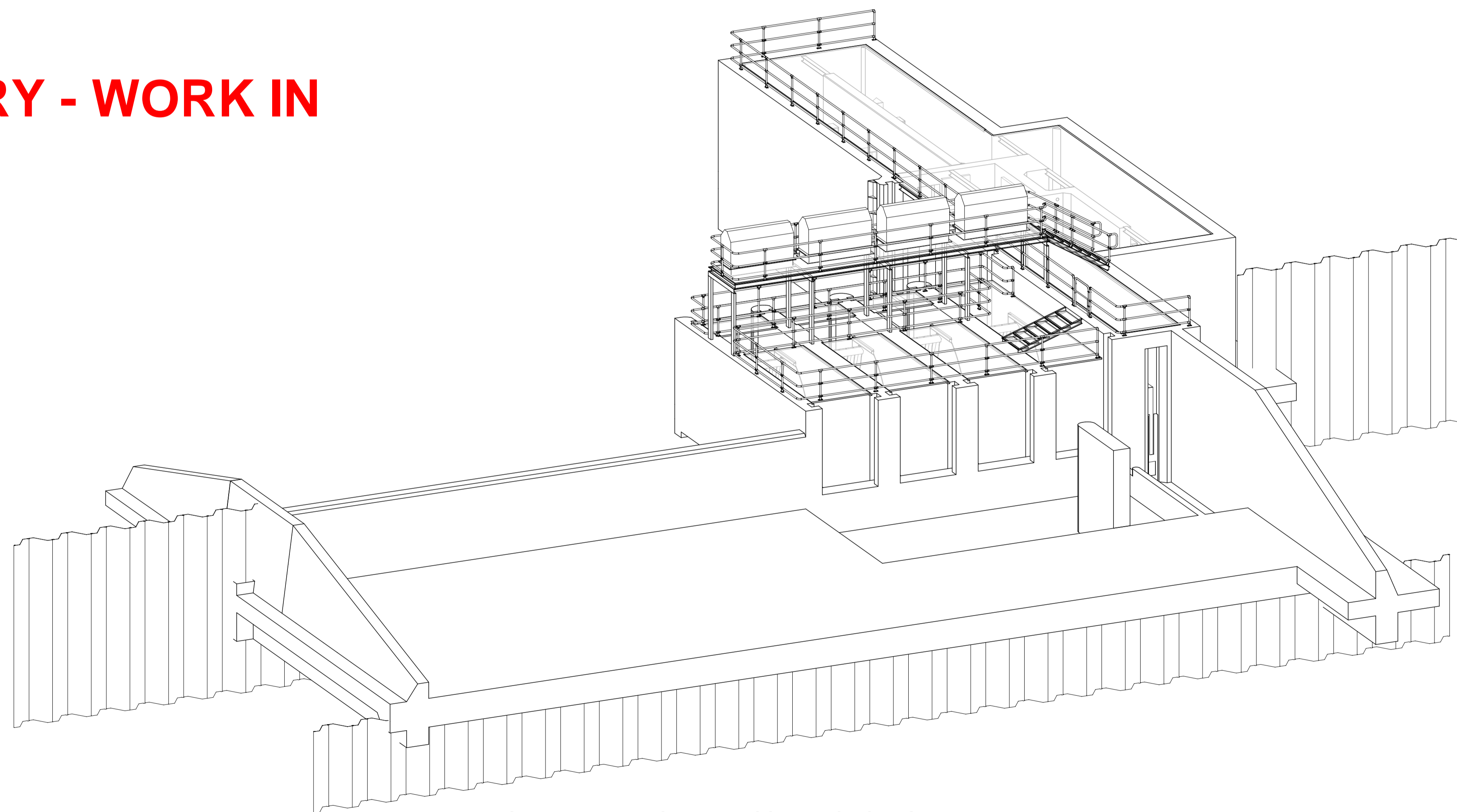
WANGANELLA REGULATOR LAYOUT PLAN
SCALE 1:500



NOT FOR CONSTRUCTION



GENERAL ARRANGEMENT - ISOMETRIC UPSTREAM VIEW



GENERAL ARRANGEMENT - ISOMETRIC DOWNSTREAM VIEW

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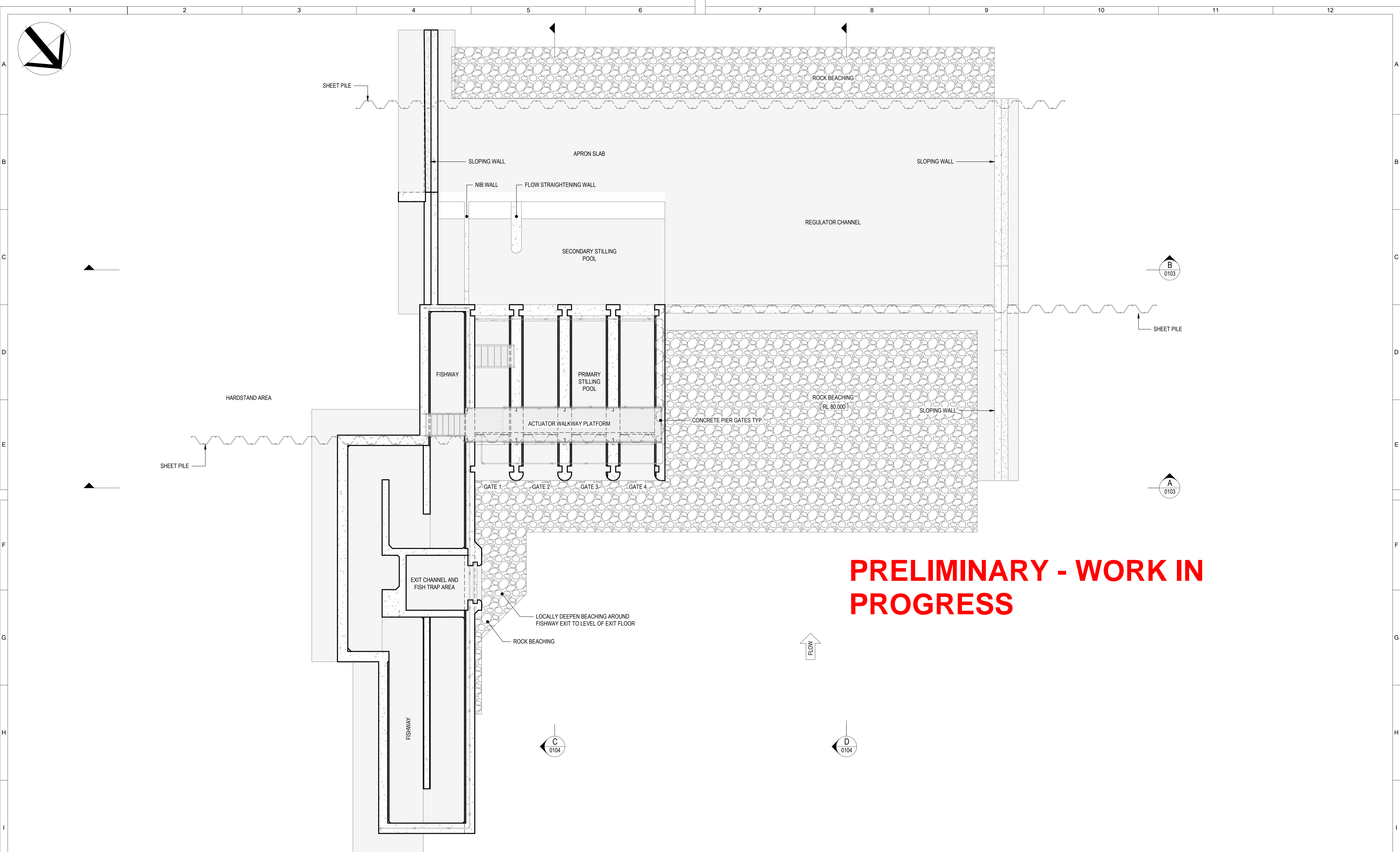
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APPROVED	DATE
SCALE	SHEET OF

TITLE	NSW SDLAM PROGRAM YANCO CREEK MODERNISATION
	PART 2C - WANGANELLA REGULATOR
	GENERAL ARRANGEMENT - ISOMETRIC VIEW
DRAWING	DE19-823-YCM2C-DE-SE-DRG-0101

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PRELIMINARY - WORK IN PROGRESS

GENERAL ARRANGEMENT
SCALE 1:100

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1					
2					
3					



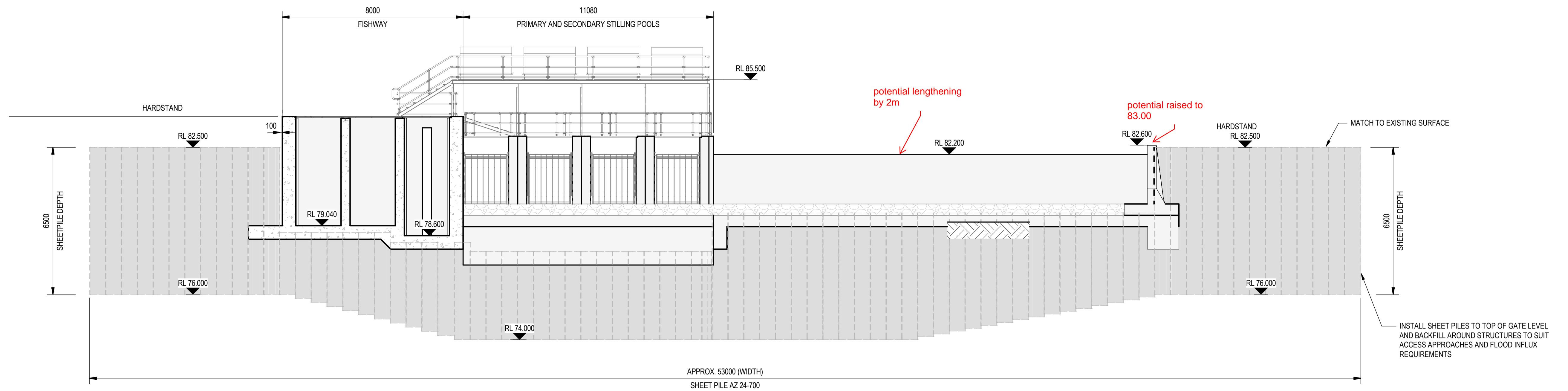
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SCALE	SHEET OF

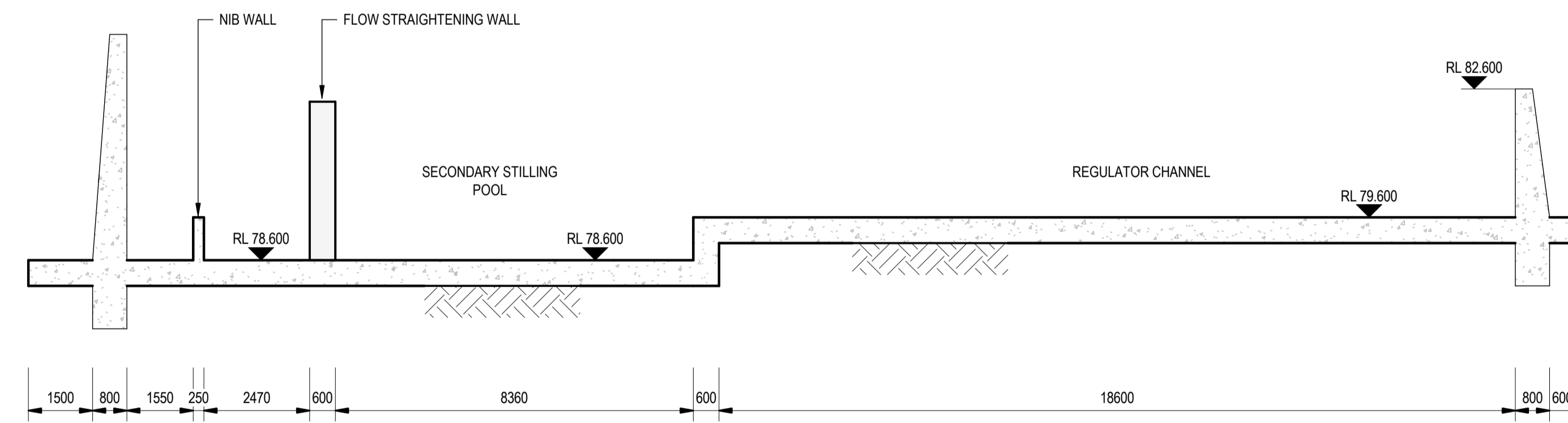
TITLE	NSW SDLAM PROGRAM YANCO CREEK MODERNISATION
PART 2C - WANGANELLA REGULATOR	GENERAL ARRANGEMENT
DRAWING	DE19-823-YCM2C-DE-SE-DRG-0102

FOR COORDINATION



A SECTION
0102 SCALE 1:100

PRELIMINARY - WORK IN PROGRESS

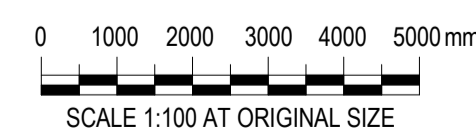


B SECTION
0102 SCALE 1:100

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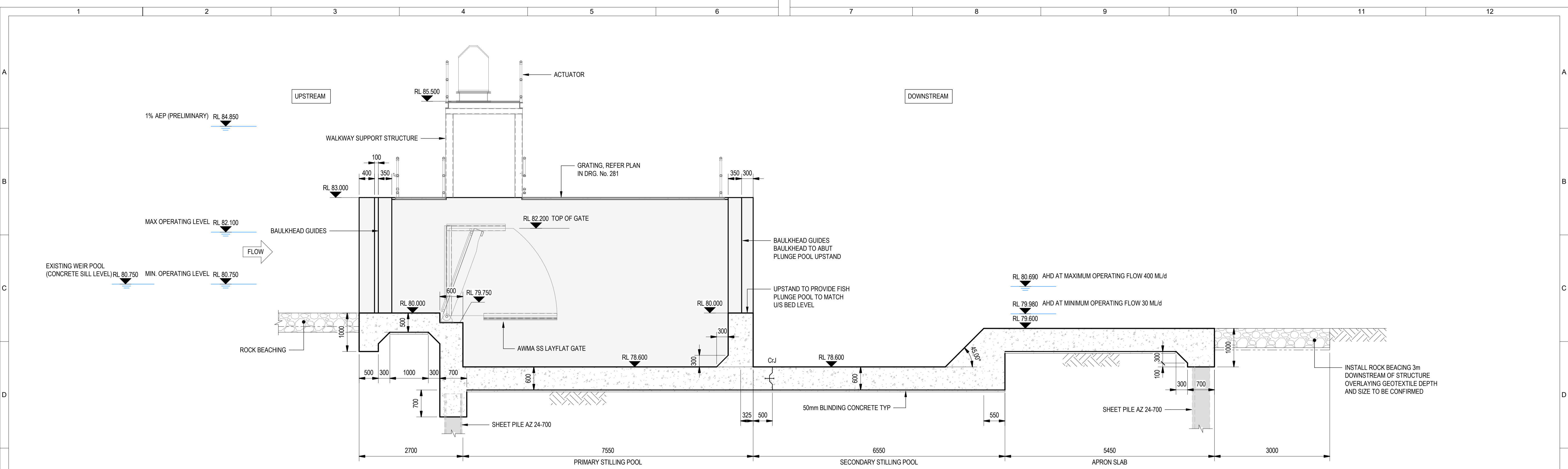
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SCALE	SHEET OF

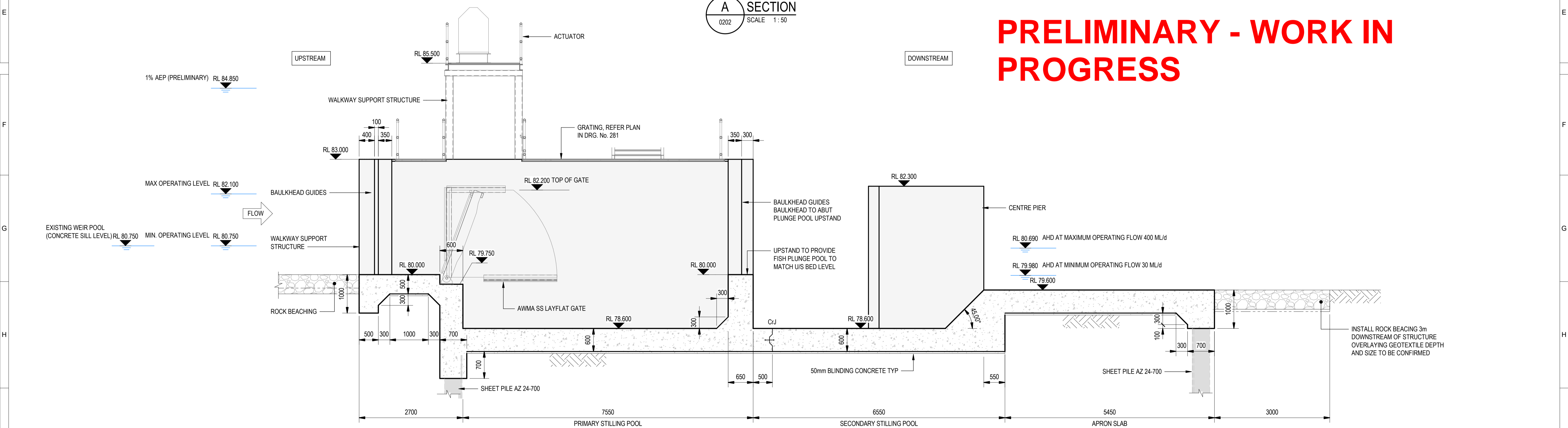
TITLE	NSW SDLAM PROGRAM YANCO CREEK MODERNISATION
PART 2C - WANGANELLA REGULATOR	GENERAL ARRANGEMENT - SECTIONS SHEET 1
DRAWING	DE19-823-YCM2C-DE-SE-DRG-0103

REV WIP



A SECTION
0202 SCALE 1:50

PRELIMINARY - WORK IN PROGRESS



B SECTION
0202 SCALE 1:50

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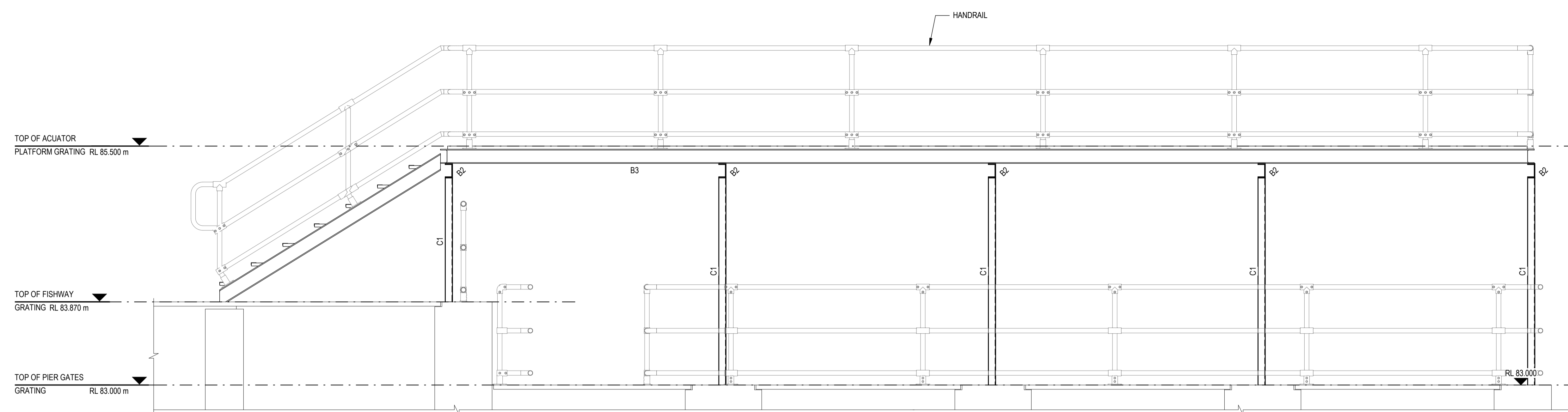


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DRAFT CHK	DATE
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APPROVED	DATE
SCALE	SHEET OF

TITLE
**NSW SDLAM PROGRAM YANCO CREEK MODERNISATION
PART 2C - WANGANILLA REGULATOR
REGULATOR STILLING BASIN AND APRON -
CONCRETE SECTIONS SHEET 1**

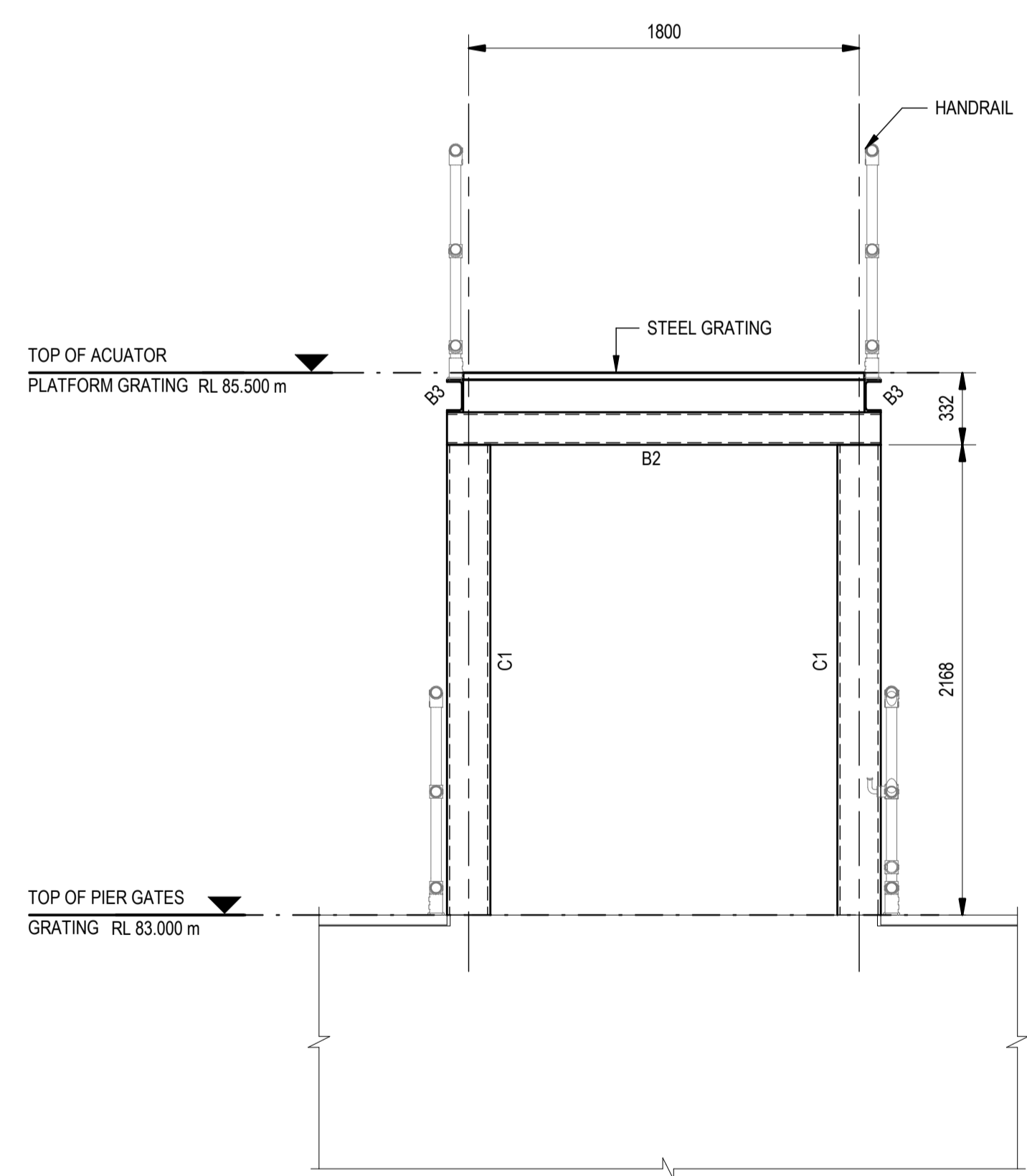
DRAWING
DE19-823-YCM2C-DE-SE-DRG-0211

REV WIP



A SECTION
0291 SCALE 1:25

PRELIMINARY - WORK IN PROGRESS



B SECTION
0291 SCALE 1:25

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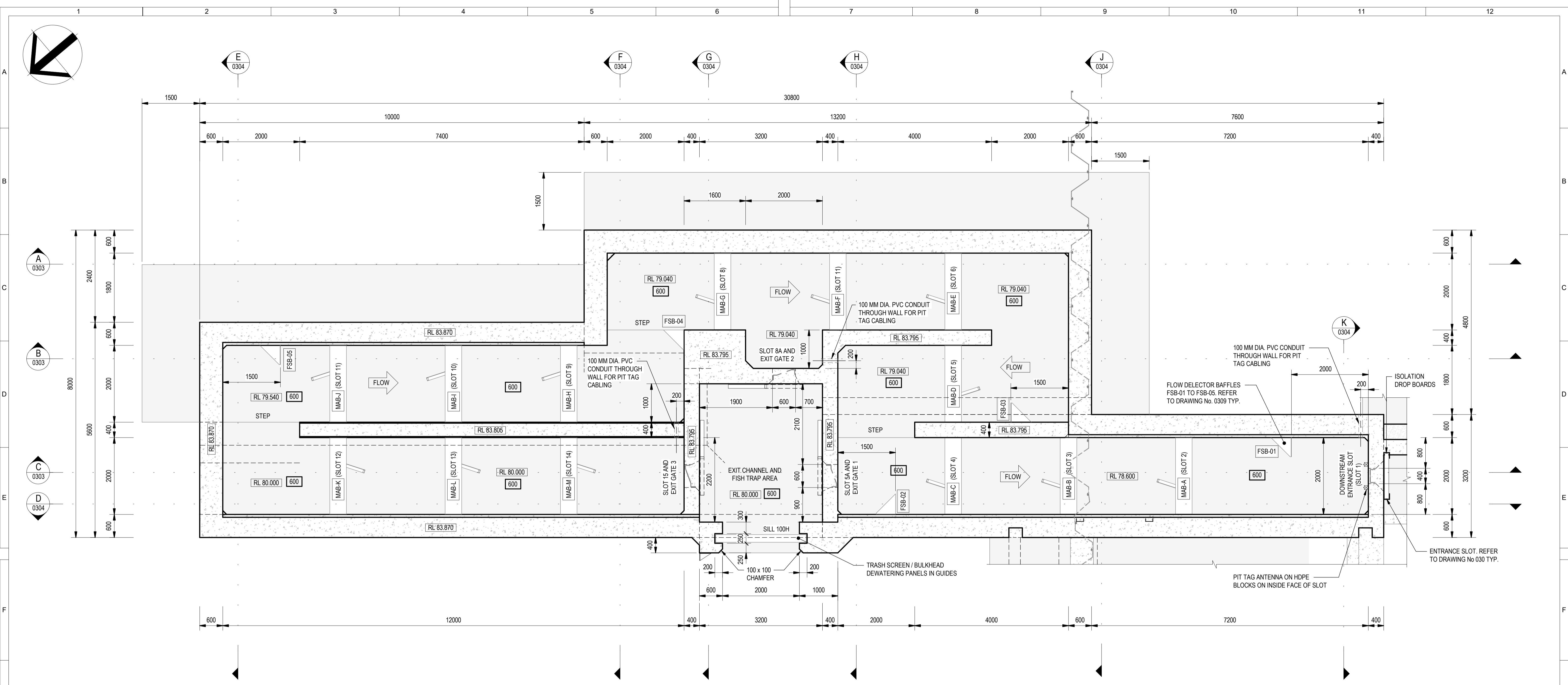


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APPROVED	DATE
SCALE	SHEET OF

TITLE
**NSW SDLAM PROGRAM YANCO CREEK MODERNISATION
PART 2C - WANGANILLA REGULATOR
ACUATOR PLATFORM - SECTIONS AND DETAILS
SHEET 1**

DRAWING
DE19-823-YCM2C-DE-SE-DRG-0292

REV WIP



FISHWAY CONCRETE PLAN
SCALE 1:50

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TITLE	REV
NSW SDLAM PROGRAM YANCO CREEK MODERNISATION	WIP
PART 2C - WANGANELLA REGULATOR	
FISHWAY - CONCRETE PLAN	
DRAWING	
DE19-823-YCM2C-DE-SE-DRG-0302	

FOR COORDINATION