

LEGEND

EXISTING:

- WATER MAIN
- FENCE
- WATERCOURSE
- BOUNDARY
- ROAD
- TREE

PROPOSED:

- GRANULAR ROADS AND PLATFORM
- FENCE
- SWALE DRAIN
- EASEMENT
- INLET/OUTLET PIPE - STAGE 1
- INLET/OUTLET PIPE - STAGE 2
- OVERFLOW PIPE - STAGE 1
- FUTURE INLET/OUTLET PIPE

NOTES:

- FOR GENERAL NOTES REFER DRAWING SA42252-02-00001_01.
- ALL DISTANCE MEASUREMENTS ARE HORIZONTAL DISTANCES.
- ALL SERVICE LOCATIONS ARE INDICATIVE ONLY AND CAPTURED FROM BYDA PLANS. THE LOCATION OF SERVICES OTHER THAN WHERE PHYSICALLY LOCATED IS INDICATIVE ONLY AND HAS NOT BEEN ADJUSTED FROM SERVICE AUTHORITY OF BYDA DATA.
- CADASTRAL BOUNDARIES ARE PROVIDED FOR REFERENCE PURPOSES ONLY.
- FOR EARTHWORKS AND STORMWATER DRAINAGE DETAILS REFER TO CIVIL DRAWING PACKAGE. SEE DRAWING SA42252-01-00001_01 FOR INDEX.
- ALL INFRASTRUCTURE FOR FUTURE WORKS IS SHOWN INDICATIVELY ONLY BASED ON DISCUSSIONS WITH SA WATER AND RESPONSES TO PROJECT RFIs. THE INTENT IS TO SHOW HOW FUTURE INTEGRATION WORKS ARE POSSIBLE AT THE SITE, NOTING NO DESIGN HAS BEEN UNDERTAKEN FOR THIS INFRASTRUCTURE. DESIGN ACTIVITIES ARE TO BE COMPLETED UNDER A SEPARATE CONTRACT AND ARE SUBJECT TO A FULL DESIGN AND REVIEW PROCESS.

PLAN VIEW
SCALE 1:2000

DEVELOPMENT APPLICATION ISSUE

0 20 40 60 80 100m
SCALE 1:2000 AT ORIGINAL SIZE



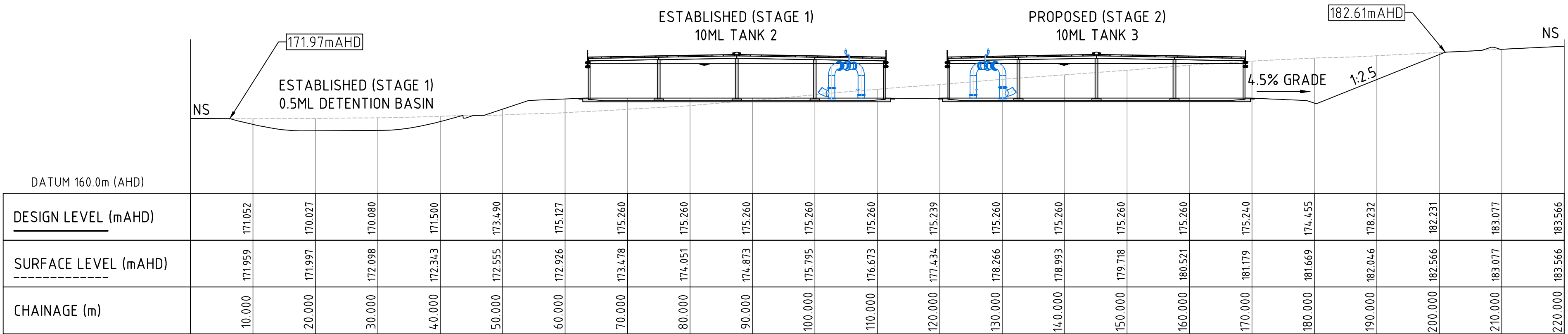
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REV	DATE	DRN	DETAILS		
CURRENT REV CONTRACTOR:					
CURRENT REV PROJECT:					

DESIGN PANEL	
DESIGNED	AUTHORISED
DRAWN	SIGNATURE
REVIEWED	
CONTRACTOR:	

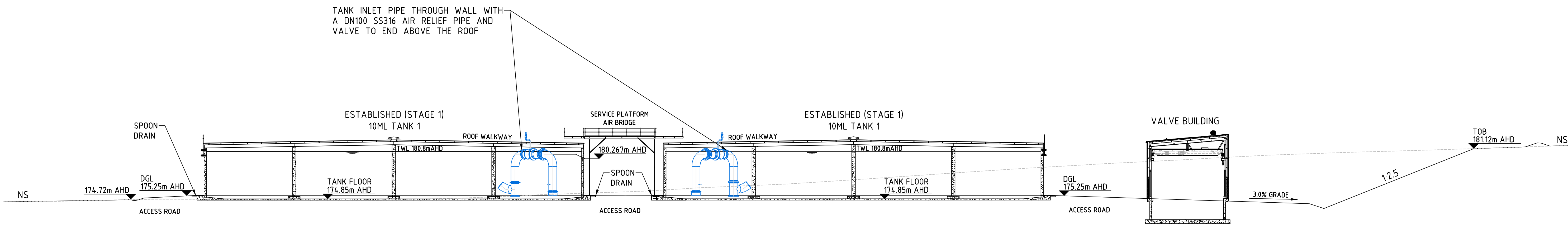

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SANDY CREEK EL180.8 10ML TANKS (KALPERRI ROAD)
DEVELOPMENT APPLICATION
GENERAL ARRANGEMENT PLAN - PROPOSED TANKS

A1 SHT SIZE	TOTAL SHEETS: -	REVISION
	PROJECT No: A0014-0109	
	MAXIMO ID: SA42252	
	SUPERSEDES: -	
DRAWING NUMBER		



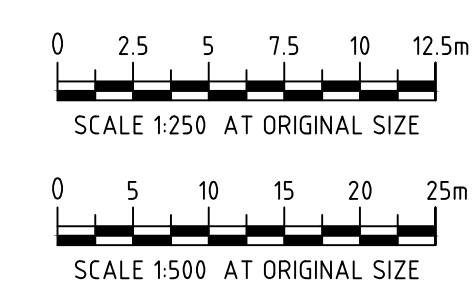
SECTION A
SCALE 1:500 SA42252-02-00001_05



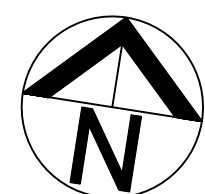
SECTION B
SCALE 1:250 SA42252-02-00001_05

- NOTES:
1. INSTALL INSULATING JOINTS BETWEEN STAINLESS STEEL AND MSCL PIPE, IDEALLY ABOVE GROUND.
 2. WRAP ANY STAINLESS STEEL AND ANY IJ BELOW GROUND.
 3. PROVIDE IJ TESTPOINT IF IJ IS BELOW GROUND. PROVIDE CROSSBONDS ACROSS ANY MSCL/MSCL FLANGES.

DEVELOPMENT APPLICATION ISSUE



REVISION PANEL					DESIGN PANEL		 This drawing is the property of the SOUTH AUSTRALIAN WATER CORPORATION and shall not be copied or modified in part or in whole without authorization.	SANDY CREEK EL180.8 10ML TANKS (KALPERRI ROAD) LT202 BAROSSA VALLEY WAY, SANDY CREEK		A1 TOTAL SHEETS: -	
REV	DATE	DRN	DETAILS	APR'D	CURRENT REV AUTHORISED	DESIGNED		AUTHORISED	SHT SIZE	PROJECT No: A0014-0109	REVISION
						DRAWN		SIGNATURE		MAXIMO ID: SA42252	
					SIGNATURE	REVIEWED				SUPERSEDES: -	
CURRENT REV CONTRACTOR:					CURRENT REV PROJECT:	CONTRACTOR:			SITE PLAN/GA (INCLUDING FACILITIES) SECTIONS		



DN1400 GATE VALVE TO BE CUT INTO THE EXISTING DN1500 STAGE 1 PIPELINE, REFER TO DRAWING SA42252-02-00001_22 FOR GATE VALVE DETAILS

FUTURE PUMP STATION BUILDING LOCATION AND FFL TO BE CONFIRMED IN FUTURE DESIGN STAGES AND SUBJECT TO HYDRAULIC REQUIREMENTS TO BE ADVISED BY SA WATER

PROVIDE DN1400 GATE VALVE REFER DRAWING SA42252-02-00001_22 FOR DETAILS. REMOVE DN1500 END CAP AND CONNECT VALVE TO TEE VIA CLOSING COLLAR

CONNECT OUTLET DN1500 PIPE ONTO STAGE 1 OUTLET PIPE VIA CLOSING COLLAR. REFER SA42252-02-00001_28 FOR DETAILS

CONNECT DN900 BLACKMAX OVERFLOW PIPE TO STAGE 1 OVERFLOW PIPE VIA SOCKET CONNECTION

KALPERRI RD

26m WIDE EASEMENT

DETENTION BASIN
EL=165.865m
(STORAGE CAPACITY: 500 kL)

STAGE 1
10ML
TANK 2

STAGE 1
10ML
TANK 1

STAGE 2
10ML
TANK 3

STAGE 2
10ML
TANK 4

SA42252-02-00001_11

OVERLAND FLOW DIVERSION BUND
REFER SA42252-06-00001_19 FOR DETAILS

LEGEND

EXISTING:

- 180 0 MAJOR CONTOUR EXISTING
- MINOR CONTOUR EXISTING
- FENCE
- ROAD
- TREE

PROPOSED:

- STORMWATER PIPE
- FENCE
- SWALE DRAIN
- 26m WIDE EASEMENT
- ROCK EROSION PROTECTION
- INLET/OUTLET PIPE - STAGE 1
- INLET/OUTLET PIPE - STAGE 2
- OVERFLOW PIPE - STAGE 1
- OVERFLOW PIPE - STAGE 2
- BIG FINK TEST STATION
- SACRIFICIAL ANODES
- ELECTRICALLY INSULATED FLANGE
- TANK EARTH RING
- PRV BUILDING EARTH RING
- CABLE/EARTH PIT
- ELECTRICAL CABLES
- EARTH ELECTRODE
- SAPN TRANSFORMER

NOTES:

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- FOR EARTHWORKS AND STORMWATER DRAINAGE DETAILS REFER TO CIVIL DRAWING PACKAGE. REFER DRAWING SA42254-01-00001_01 FOR INDEX.
- SURGE PROTECTION REQUIRED FOR STAGE 1 TANK 2. FOR VACUUM BREAKER AIR VALVE DETAILS REFER DRAWING SA42252-02-00001_27.
- FOR ELECTRICAL PLANS REFER TO ELECTRICAL DRAWING SA42256-03-00001_65. DONE BY OTHERS.

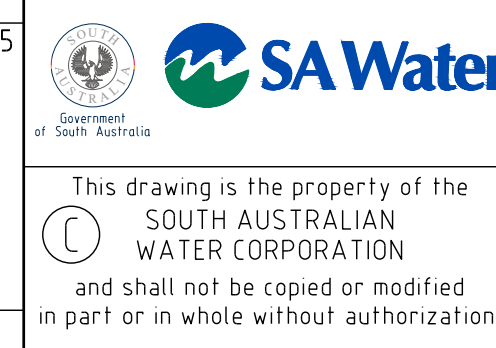
PLAN VIEW SCALE 1:500

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



REVISION PANEL				DETAILS		APR'D	CURRENT REV AUTHORISED	05/11/25
REV	DATE	DRN						
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CURRENT REV CONTRACTOR				GHD	CURRENT REV PROJECT 0.1			

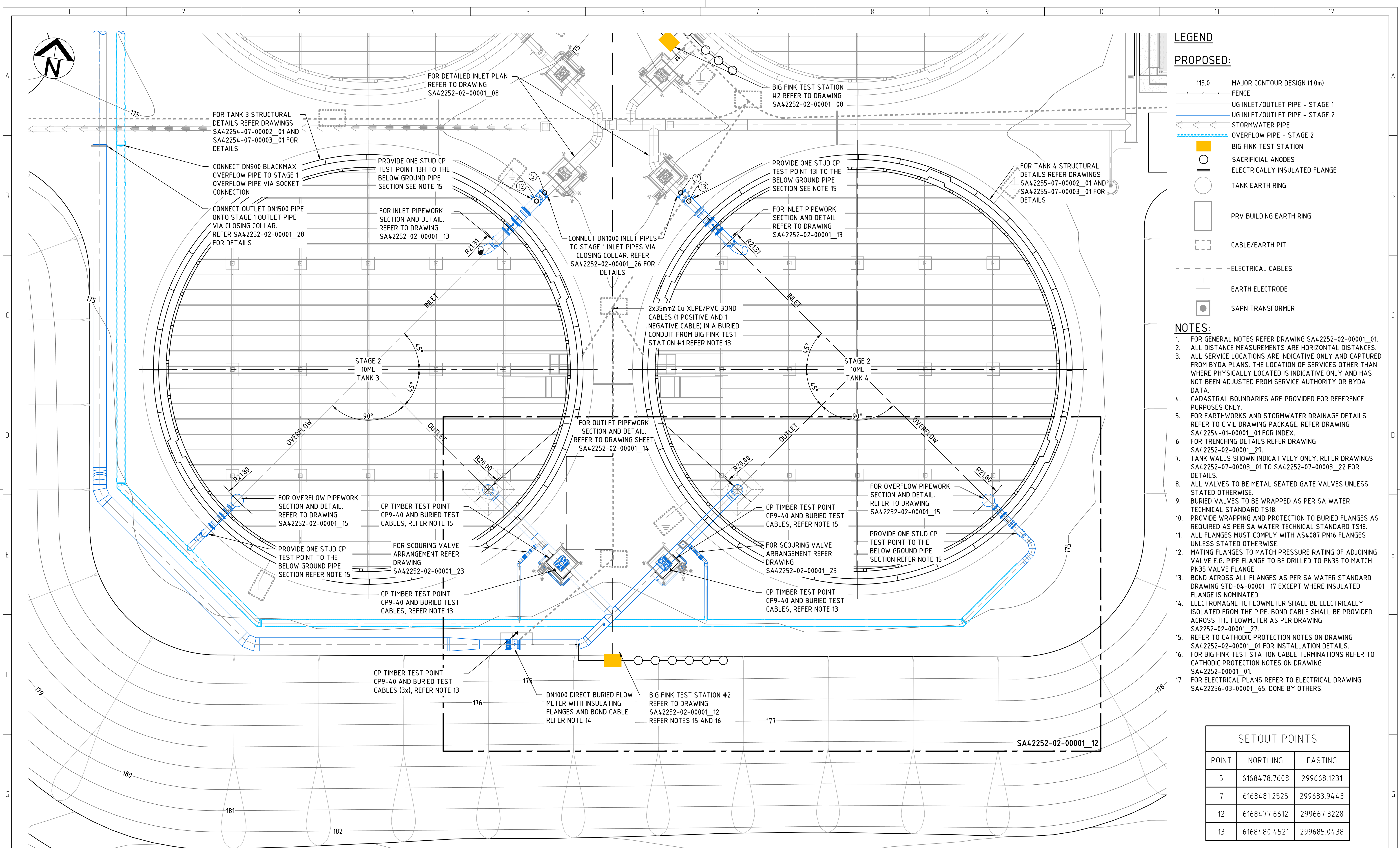
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DESIGNED	05/11/25	R.KNIFE			M.WHIT	
DRAWN	05/11/25	Q.PORTEOUS		SIGNATURE		
REVIEWED	05/11/25	D.JOVANOVIC				
CONTRACTOR GHD						



SANDY CREEK EL180.8 10ML TANKS (KALPERRI ROAD)			
MECHANICAL & HYDRAULICS		KEY PLAN - STORAGE TANKS - STAGE 2	

CONSTRUCTION ISSUE

A1 SHT SIZE	TOTAL SHEETS: -		0.1 REVISION
	PROJECT No: A0014-0109		
MAXIMO ID: SA42252			
SUPERSEDES: -			
DRAWING NUMBER			
SA42252-02-00001 10			



PLAN VIEW
SCALE 1:200

REVISION PANEL				DETAILS		APR'D	CURRENT REV AUTHORISED	10/10/25
REV	DATE	DRN						
0.1	10/10/25	Q.P.	ISSUED FOR CONSTRUCTION				M.W.	
CURRENT REV CONTRACTOR				GHD	CURRENT REV PROJECT: 0.1			

DESIGN PANEL				AUTHORISED		10/10/25
DESIGNED	10/10/25					
R.KNIE	10/10/25			M.W.		
DRAWN	10/10/25			SIGNATURE		
Q.PORTEOUS	10/10/25					
REVIEWED	10/10/25					
D.JOVANOVIC	10/10/25					
CONTRACTOR GHD						



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SANDY CREEK EL180.8 10ML TANKS (KALPERRI ROAD)

MECHANICAL & HYDRAULICS
GENERAL ARRANGEMENT - STORAGE TANKS - STAGE 2

A1

TOTAL SHEETS: -

PROJECT No: A0014-0109

MAXIMO ID: SA42252

SUPERSEDES: -

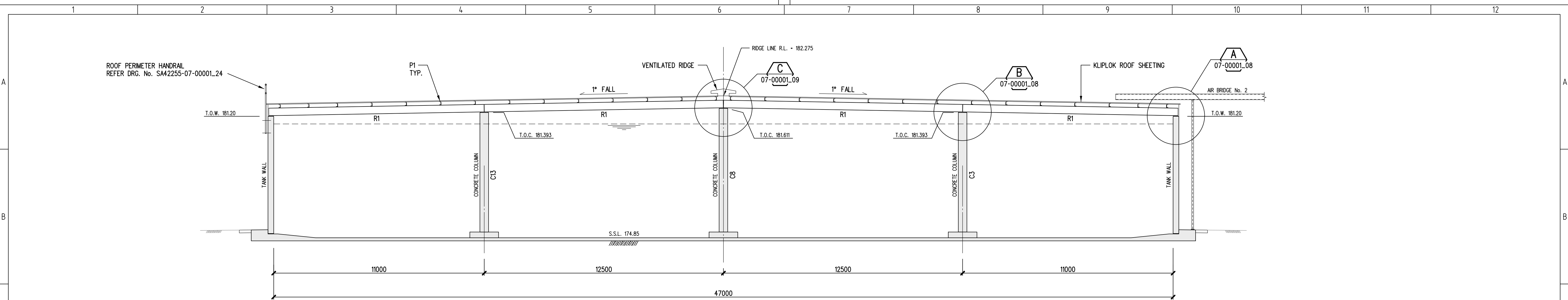
DRAWING NUMBER

SA42252-02-00001_11

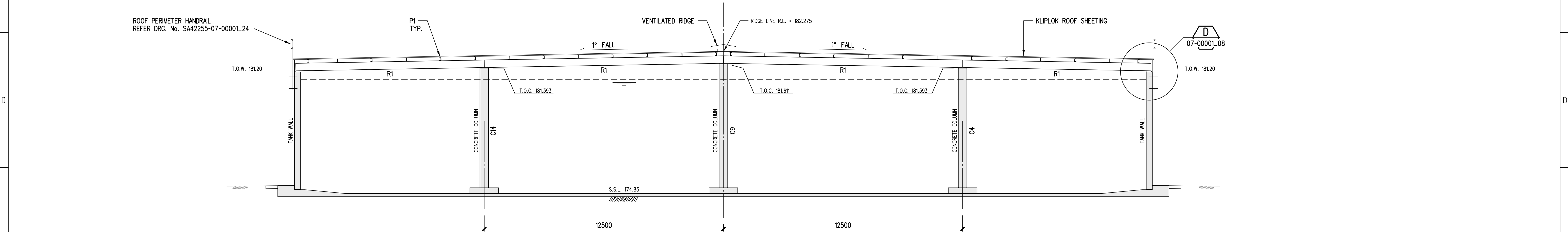
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REVISION

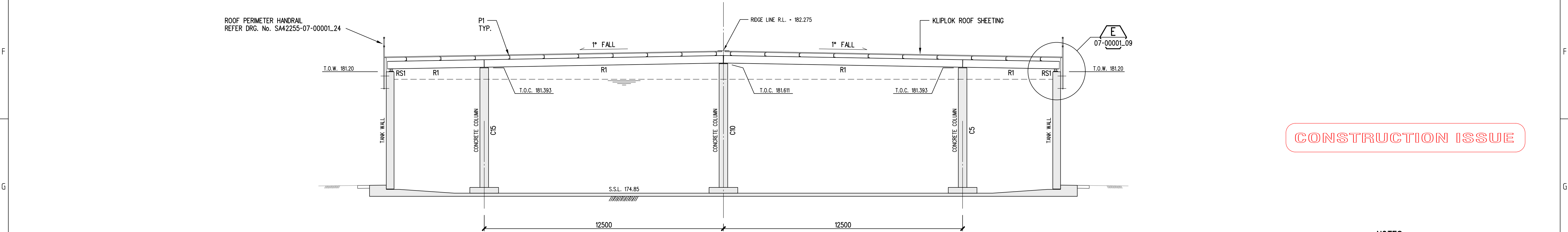
CONSTRUCTION ISSUE



SECTION 1
SCALE 1 : 100
07-00001_05



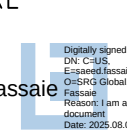
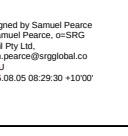
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SCALE 1 : 100
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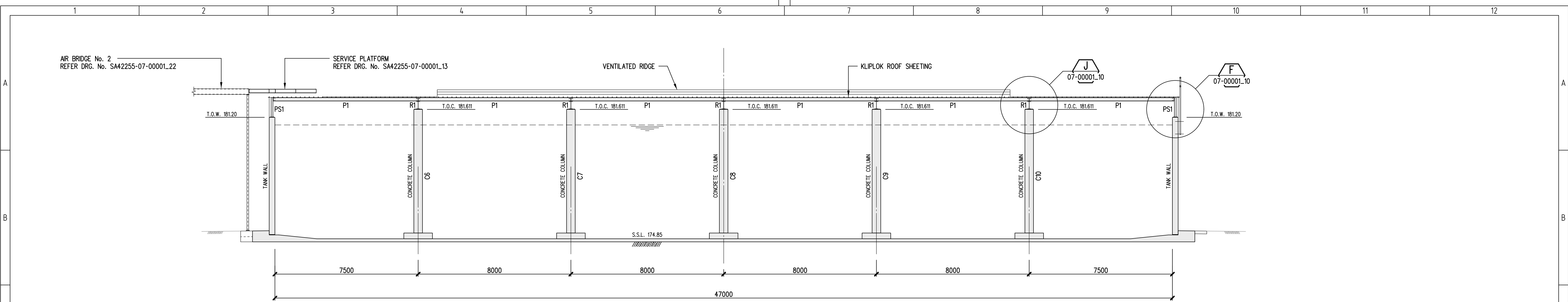


SECTION 3
SCALE 1 : 100
07-00001_05

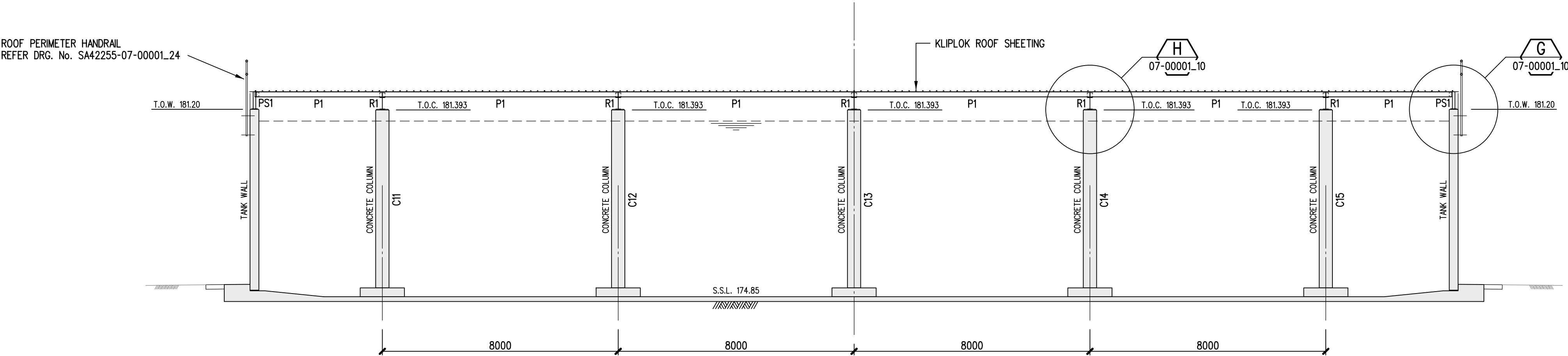
CONSTRUCTION ISSUE

NOTES :
REFER TO "GENERAL NOTES" DRG No.
SA42255-07-00001_02 FOR ALL
STEELWORK NOTES.

REVISION PANEL					DESIGN PANEL					 SA Water		SANDY CREEK EL180 10ML TANK 4 (KALPERRI RD) LT202 BAROSSA VALLEY WAY, SANDY CREEK POST - TENSIONED TANK STRUCTURAL TANK STEEL ROOF - SECTIONS - SHEET 1			A1 TOTAL SHEETS: 0.1	
REV	DATE	DRN	DETAILS	APR'D	CURRENT REV AUTHORISED	DESIGNED	AUTHORISED	DRAWN	SIGNATURE			SHT SIZE	PROJECT No: A0014-0109	REVISION		
					S. FASSAIE	13/6/25	13/6/25	13/6/25	S. PEARCE							
					SIGNATURE	S. EDWARDS										
						13/6/25										
0.1	29/7/25	SE	ISSUED FOR CONSTRUCTION	SF	 Saeed Fassaie SA Water Engineer SIGNED FOR CONSTRUCTION on behalf of the Client on 29/07/2025 SA Water Engineering Pty Ltd SA Water 08 8250 1000	S. FASSAIE	 I, S. Pearce, a Natural Person SA Water Engineer SA Water 08 8250 1000 SA Water Engineering Pty Ltd SA Water 08 8250 1000									
CURRENT REV CONTRACTOR: SRG GLOBAL					CURRENT REV PROJECT: A0014-0109											



SECTION 4
SCALE 1 : 100
07-00001_05



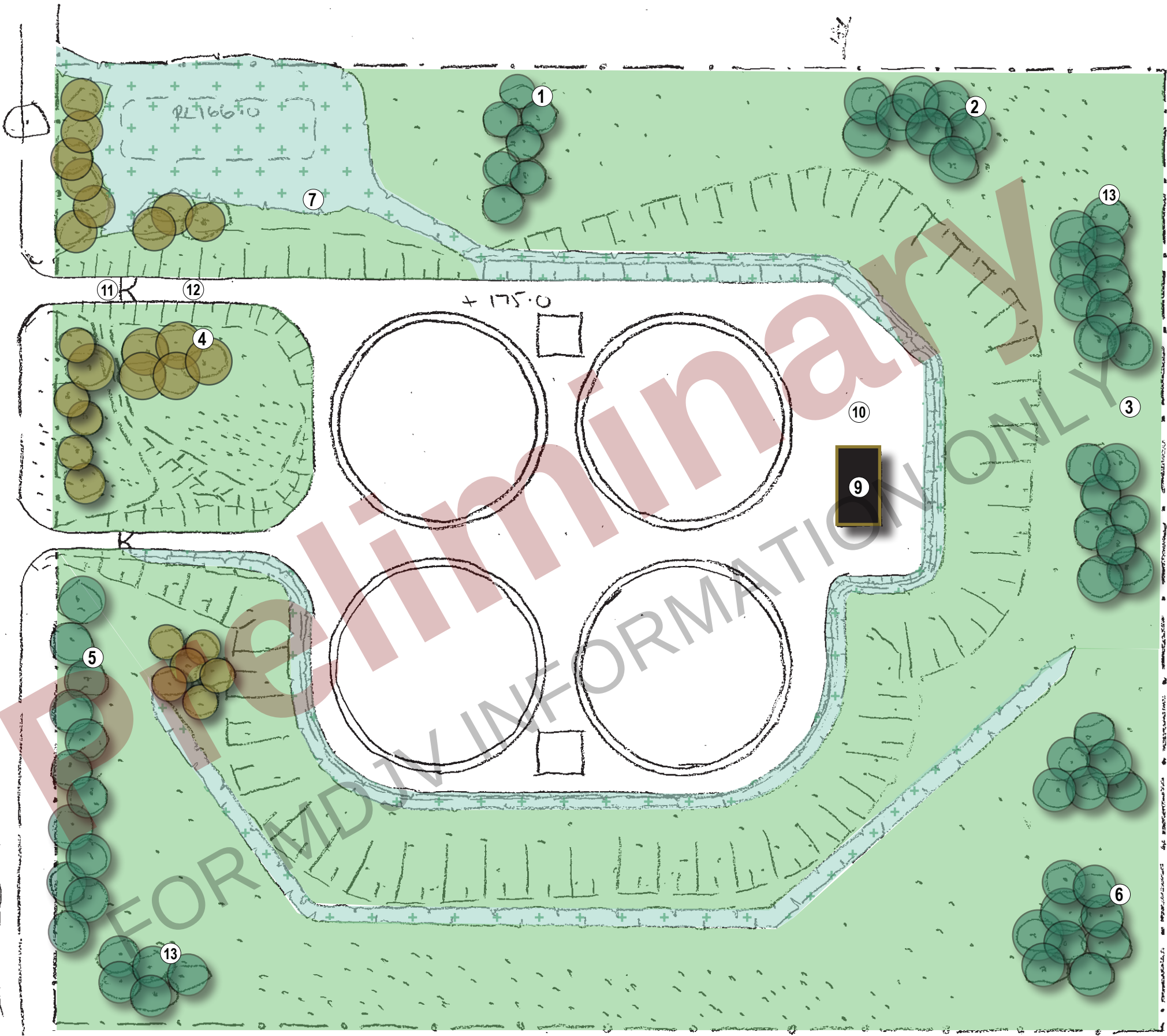
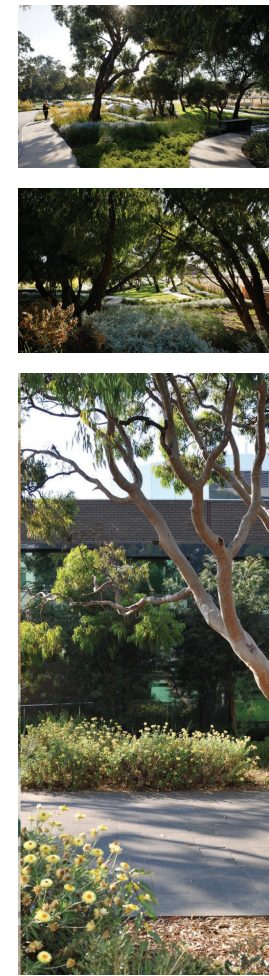
SECTION 5
SCALE 1 : 100
07-00001_05

CONSTRUCTION ISSUE

NOTES :
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SA42255-07-00001_02 FOR ALL
STEELWORK NOTES.

REVISION PANEL					DESIGN PANEL					 This drawing is the property of the SOUTH AUSTRALIAN WATER CORPORATION and shall not be copied or modified in part or in whole without authorization.		A1 TOTAL SHEETS: 0.1		
REV	DATE	DRN	DETAILS	APR'D	CURRENT REV AUTHORISED 29/7/25	DESIGNED 13/6/25	AUTHORISED 13/6/25	SHT SIZE	PROJECT No: A0014-0109			REVISION		
					S. FASSAIE	C. HINTON	S. PEARCE							
					SIGNATURE	DRAWN 13/6/25	SIGNATURE							
					 Saeed Fassaie 									

- Legend**
- Native trees
 - Screen planting
 - Large shrub planting with groundcovers
 - Pasture grass to match existing
 - WSUD planting



Landscape planting character and design elements

- 1 Native Tree planting cluster of Eucalyptus trees.
- 2 Trees to screen direct views towards proposed facility and infrastructure.
- 3 Pasture grass planting to match existing
- 4 Entry planting cluster with native grass understorey
- 5 Screen planting to road edge
- 6 Tree planting to screen from nearby houses.
- 7 Existing water course area to base of proposed embankment.
- 8 Proposed groundcover planting between vehicle access path.
- 9 Indicative location of proposed building
- 10 Vehicle turn around and parking area
- 11 Entry gates
- 12 Access road
- 13 Wind break - south/ south-west winds and north/ north-east winds

Bushfire planting

Proposed Shrubs and groundcover planting to be set back 10m from buildings and tanks.
Proposed tree planting to be set back 40m from buildings and tanks.

Windbreak tree planting

Eucalyptus leucoxylon to boundary road
Euclayptus odorata/ Eucalyptus mix tree clusters

Entry planting

Banksia marginata and Acacia retinodes cluster planting with Callistemon sieberi shrub and understory groundcovers

Groundcovers

Chrysocephalum apiculatum
Dianella longifolia
Dillwynia hispida
Grevillea lavandulacea
Pultenaea tenuifolia

Grasses / WSUD

Austrositipa elegantissima
Cyperus gymnocauloa
Dianella revoluta
Facinia nodosa
Lomandra multifolra

P01 ISSUED FOR INFORMATION				25.02.2025
Rev	Description	Checked	Approved	Date
Author	C.O'DOWD	Drafting Check		
Designer	C.O'DOWD	Design Check		

Plot Date: 25 February 2025 - 10:51 AM Plotted by: Caltriona O'Dowd

File Name: N:\AU\Adelaide\Projects\3312645030\Tech\Design\5. Landscape Architecture\InDesign\Link\Title block.dwg



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



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Project No.
12645030

Client SOUTH AUSTRALIAN WATER CORPORATION
Project SANDY CREEK EL180 10ML TANK 1 KALPERRI ROAD
Status SCHEMATIC DESIGN

Drawing Title LANDSCAPE SCHEMATIC DESIGN

12645030-GHD-00-00-SKT-LA-00001

Size
A3

Rev
P01