



OPERATIONS AND MAINTENANCE MANUALS

Regional Lagoons Manuals > ST56 Boonah STP > Baffles

Builder
Thomas Coffey

Compiled
Feb 03, 2015

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Introduction

Introduction

This document sets out the usage, maintenance and service requirements of the system.

Assets

Asset ID	#AST26	Parent ID	
Description	Baffles	Service	(3.0) Material Separation
Subservice	(SC_) SCREEN	Site	(ST056) Boonah
Process	(2700.0) EFFLUENT REUSE	Sub	(2710) EFFLUENT TREATMENT AND DELIVERY
Location Description	Boonah STP Lagoons 1 and 2	Make	Chatoyer Environmental
Model	NA	Serial Number	
Supplier	Chatoyer Environmental	Quantity	4
Retail Price \$	140000	Install Date	Feb 13, 2013
Wty Expiry Date	Feb 13, 2014	Life Expectancy (yrs)	25
Reference Information			

Maintenance

Baffle Maintenance

6 - Monthly

It is recommended that all maintenance of the baffle system installed at the Boonah Water & Waste Treatment Plant is to be undertaken only in the presence of a Chatoyer Environmental representative.

The second maintenance inspection that was paid for as a variation by Queensland Urban Utilities is planned for the 2nd week of March 2014.

All proposed system changes have to be approved by Chatoyer Environmental personnel or the 10 year standard warranty may be voided.

All on site inspections are to be only carried out by an authorised representative of Chatoyer Environmental. All site inspections must be accompanied by a report (Inspection Form). On site staff have an obligation and are expected to report any non conformities or abnormalities that may effect the integrity of the Baffles. Boonah waste water plant operators are expected to report such things as:

- Excessive sludge bulking
- Extreme weather events
- Fouling
- pH fluctuations
- Anchor point movement should it occur
- Accidental damage
- Accidents leading to damage.

If during the six monthly inspections of the site, any of the above mentioned conditions have occurred without notification to Chatoyer Environmental in writing of the said events, the warranty may be voided.

Pricing Guide for Maintenance

- Replacement hardware covered by Warranty.
- Replacement ropes, floats and or shackles covered by warranty.
- Baffle Cleaning charged separate to client. Approx costs \$8500 for standard clean not including freight or GST. Individual sections from \$420 each.
- Pricing is subject to change without notice
- Pricing is subject to our normal terms and conditions.
- Heavily fouled baffles require separate quote.

Warranties

Warranties

The baffles installed at Boonah come with a standard 10 year warranty, commencing on the 13th of February 2013.

From time to time the Baffles may require Maintenance and cleaning. This can be caused by excessive sludge loads holding on the surface areas of the floats and skirt and interrupting the buoyant forces required to maintain Baffle integrity. If maintenance and or cleaning is required it will be quoted separately and charged to the client. Failure to comply to Maintenance, Housekeeping and or cleaning could void warranty.

Commissioning Information

Installation ITP

Linked Documents

 [Jay & Jay ITP.pdf](#)

Chatoyer Environmental (CE) Inspection and Test Plan for Boonah WWTP Floating Baffles			ITP No: 02609 Rev No: 0 – 12.02.13		Contract No.	Contract Item No.	Legend: W = Witness I = In-House R = Review S = Subcontractor H = Hold SU = Surveillance				
Customer: Thomas & Coffey			Contract: Contractor Approval		Description of Item/Service: Design, fabricate, deliver and install floating baffles to pond 1 & 2 at Boonah WWTP			Equipment No.			
Project Location: Boonah WWTP, Boonah Qld											
Task No.	Task Description	Location Code (I or S)	Quality Control Activity	Controlling Document	Acceptance Criteria	Verifying Documents	Inspection Requirements (W/H/R/SU)				
							Chatoyer	Thomas & Coffey	Client Comments	Signature	
1.0	Drawing and Design Review										
1.1	Prepare and Finalise Design	I	Review	CE QA	Drawings 486_5_0108_109_A 486_5_0108_110_B 486_5_0108_112_A 486_5_0108_109 (O) 486_5_0108_110 (A) 486_5_0108_112 (O)	Preliminary Design	R	R			
1.2	Finalise Design, Drawings and Material Selection	I	Approve	CE design, CE QA, and Project Specifications	Drawings 486_5_0108_109_A 486_5_0108_110_B 486_5_0108_112_A 486_5_0108_109 (O) 486_5_0108_110 (A) 486_5_0108_112 (O)	CE Project ITP and CE QA	R	R			

Chatoyer Environmental (CE) Inspection and Test Plan for Boonah WWTP Floating Baffles			ITP No: 02609 Rev No: 0 – 12.02.13		Contract No.		Contract Item No.		Legend: W = Witness I = In-House R = Review S = Subcontractor H = Hold SU = Surveillance	
Customer: Thomas & Coffey Project Location: Boonah WWTP, Boonah Qld			Contract:		Contractor Approval		Description of Item/Service: Design, fabricate, deliver and install floating baffles to pond 1 & 2 at Boonah WWTP		Equipment No.	
Task No.	Task Description	Location Code (I or S)	Quality Control Activity	Controlling Document	Acceptance Criteria	Verifying Documents	Inspection Requirements (W/H/R/SU)			
							Chatoyer	Thomas & Coffey	Client Comments	Signature
2.0	Manufacturing Review									
2.1	Order major components	I	CE QA	CE design, CE QA, and Project Specifications	Technical Managers Specification	Purchase Order	R			
2.2	Manufacturing	I	Manufacturer Standard QA practices	CE QA Documents	CE Technical Manger sign off	QA Documentation and CE Purchase Order	R & H			
2.3	Packing for Transportation to Site	I & S	CE QA	CE QA	CE Packing Procedures	Packing Check Sheets	R			

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							Chatoyer	T&C	Client Comments	Signature
3.0	Installation									
3.1	Site Review Meeting	S	Site Requirements		T&C Contract		R			
3.2	Confirm Anchor points	S	CE QA	CE Drawings	Install Manual	Design drawings	R & H	W		
3.3	Deploy Baffle	S	CE QA	CE Drawings	Install Manual	Scope of works - SWMS	R	W		

Spares

Spares

There are no spares relevant to this contract.

Help & Contact

Jay & Jay Industries

Trade or Product: Baffles

Contact & Address Details:

22/231 Brisbane Road

Labrador QLD 4215

Representative: Jamie Montague

Ph: 55378422

Chatoyer Environmental Pty Ltd

Trade or Product: Baffles

Contact & Address Details:

2/31 Link Crescent

Coolum QLD 4573

Representative: Ben Twynham

Ph: 02 9631 1200

As Built Drawings

As Constructed Shop Drawings

Site: (ST056) Boonah

Linked Documents

 [Boonah - As-constructed Baffle Drawings.pdf](#)

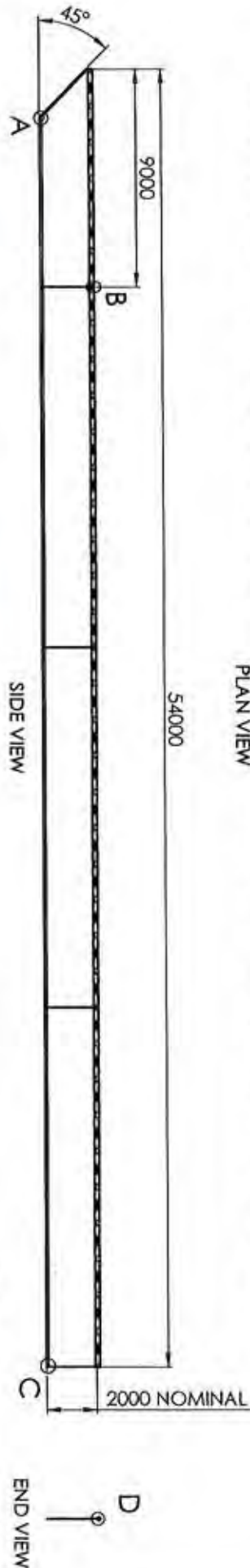
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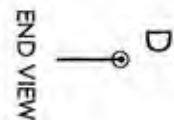
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SCALE 1 : 10



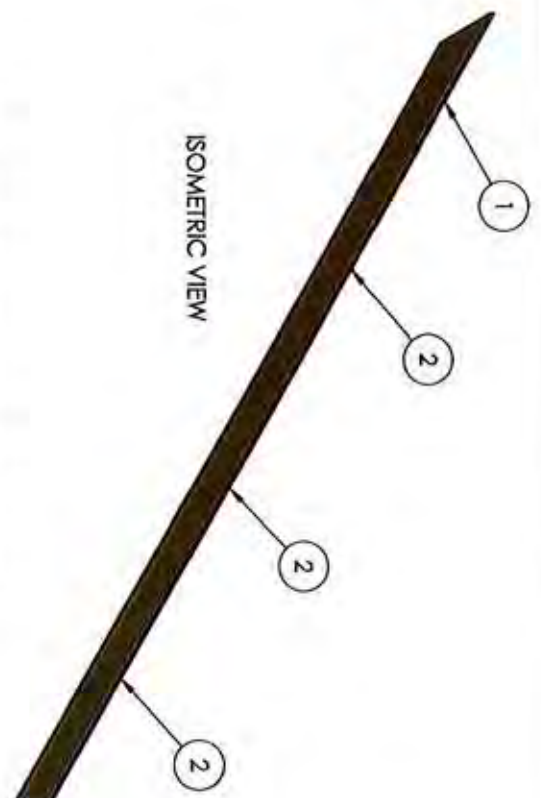
PLAN VIEW



SIDE VIEW



ISOMETRIC VIEW

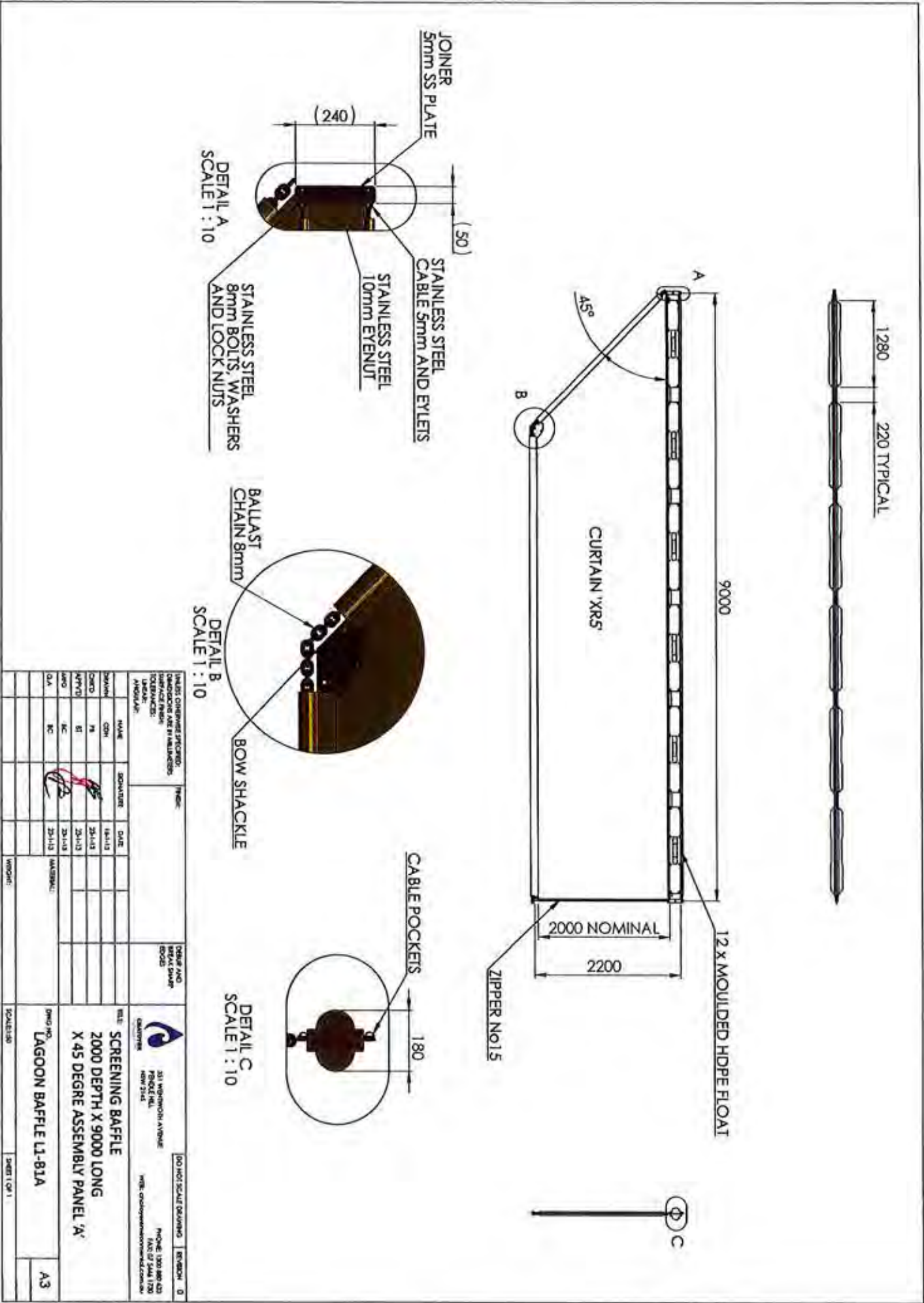


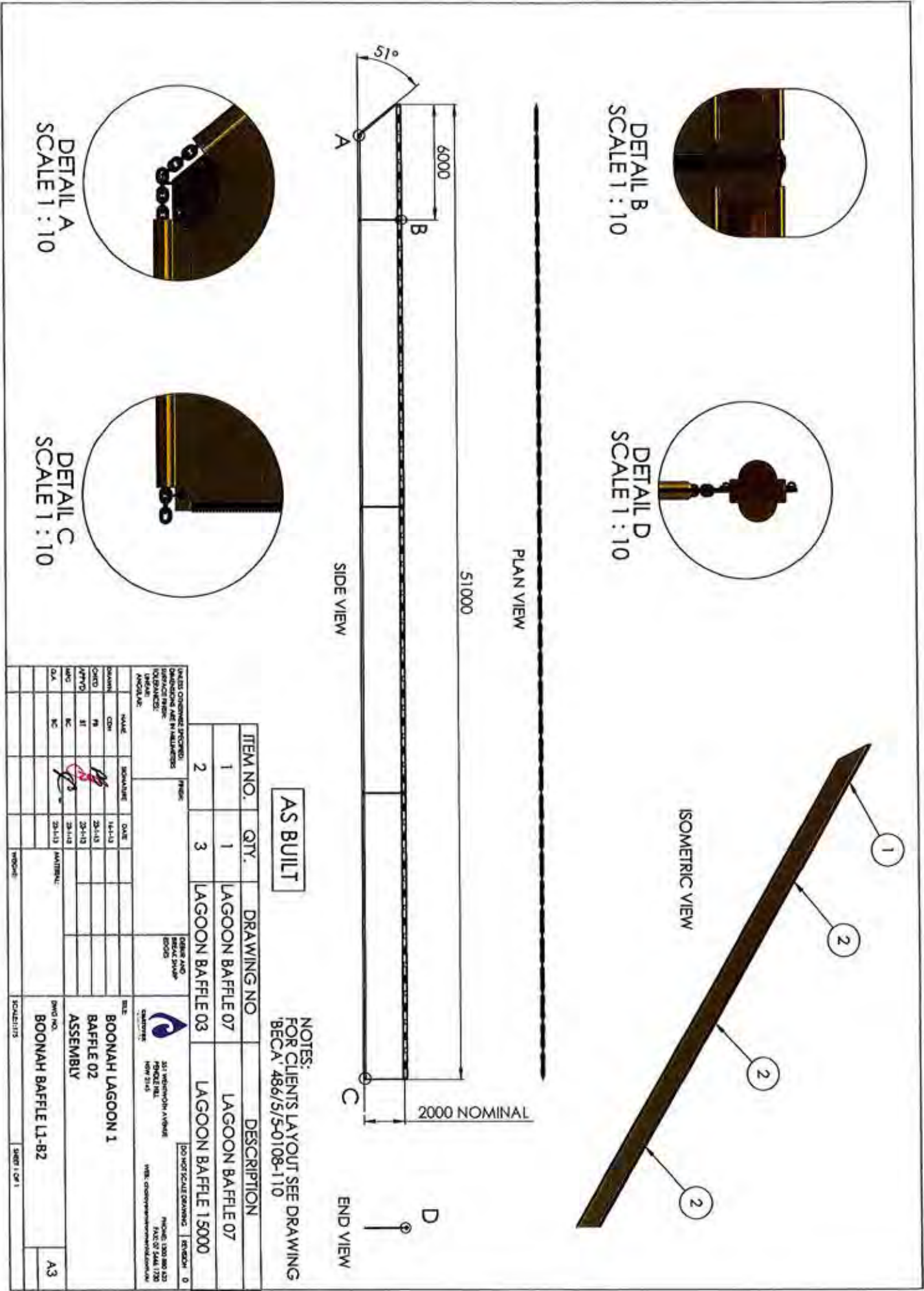
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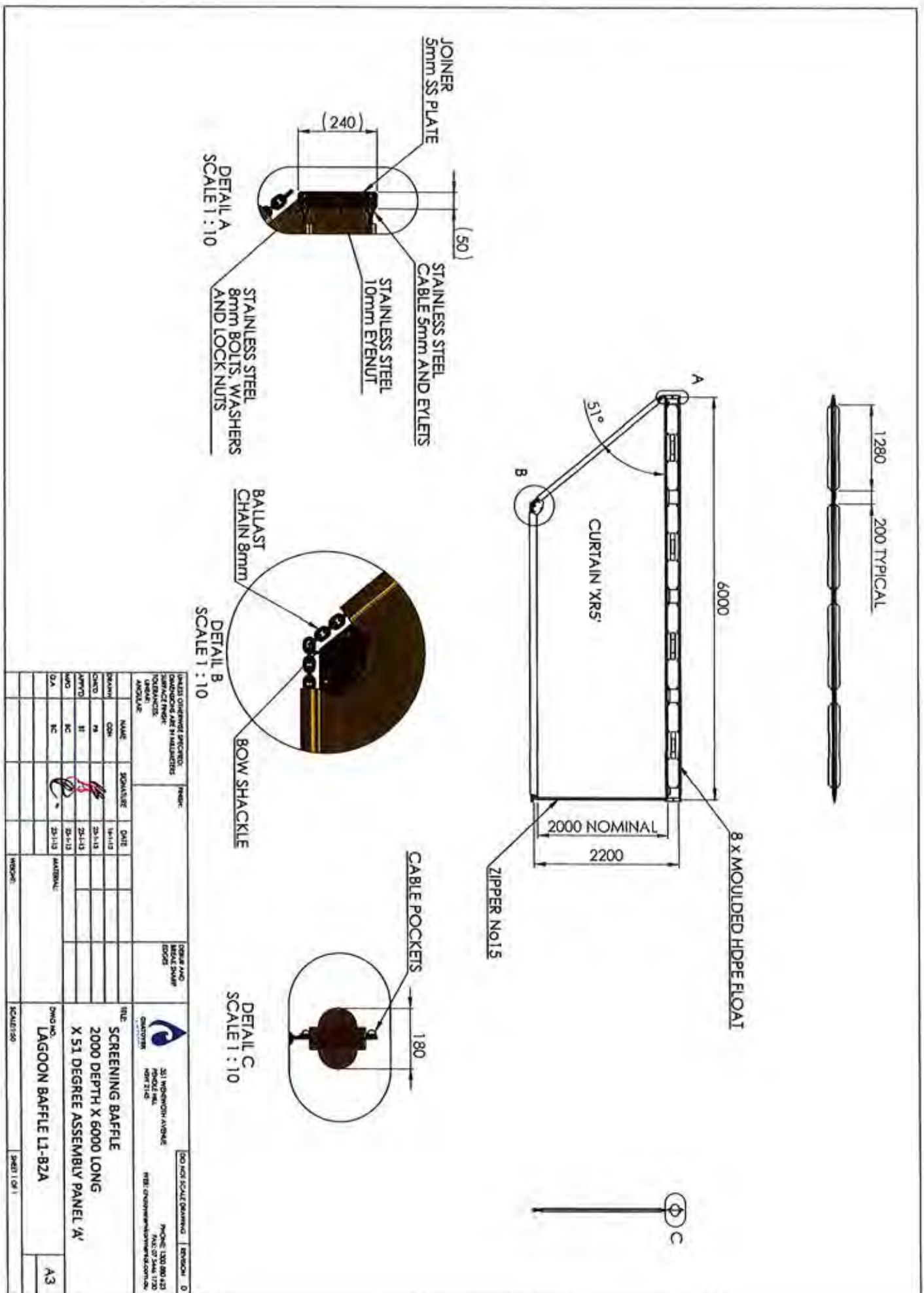
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FOR CLIENTS LAYOUT SEE DRAWING
BECA 486/5/5-0108-110

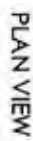
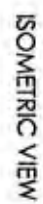
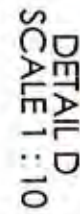
ITEM NO.	QTY.	DRAWING NO	DESCRIPTION
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2	3	LAGOON BAFFLE 03	LAGOON BAFFLE 15000

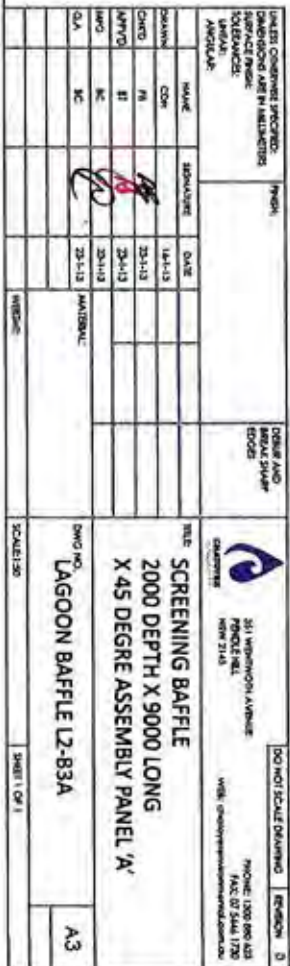
UNLESS OTHERWISE SPECIFIED:		INVERT		DETAILED AND	
DIMENSIONS ARE IN MILLIMETERS		ELEVATIONS ARE IN METERS		LOCAL SHAPE	
TOLERANCES:		FINISHES:		COLOURS:	
AS BUILT		AS BUILT		AS BUILT	
NAME	BOONAH	DATE	16-11-15		
DESIGN	CDM	DATE	16-11-15		
CHECKED	PI	DATE	16-11-15		
APPROVED	ST	DATE	16-11-15		
INFO	NC	DATE	16-11-15		
QA	NC	DATE	16-11-15		
MATERIAL:				DRAWING NO:	
				BOONAH BAFFLE L1-B1	
SCALE: 1:10				SHEET 1 OF 1	

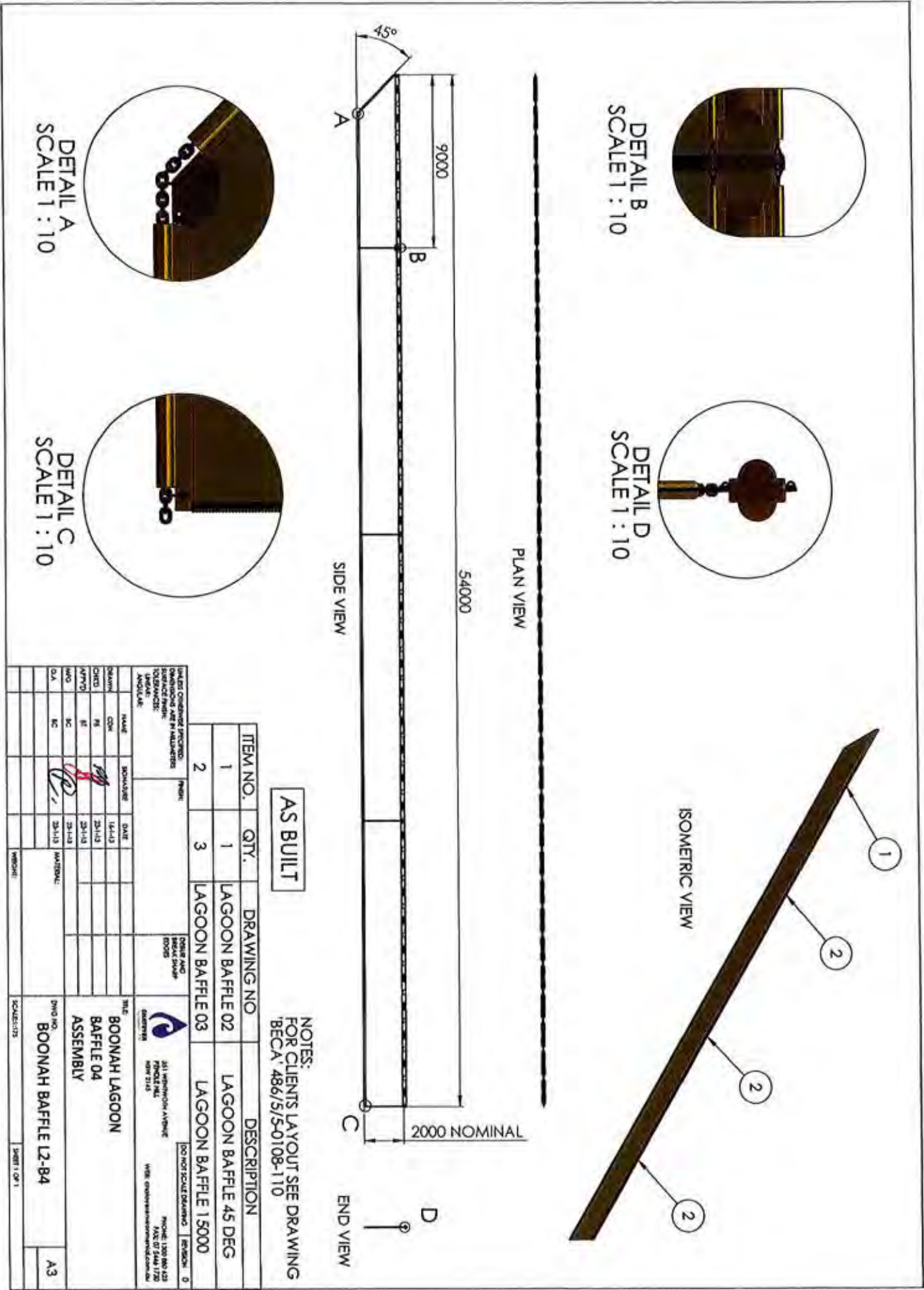


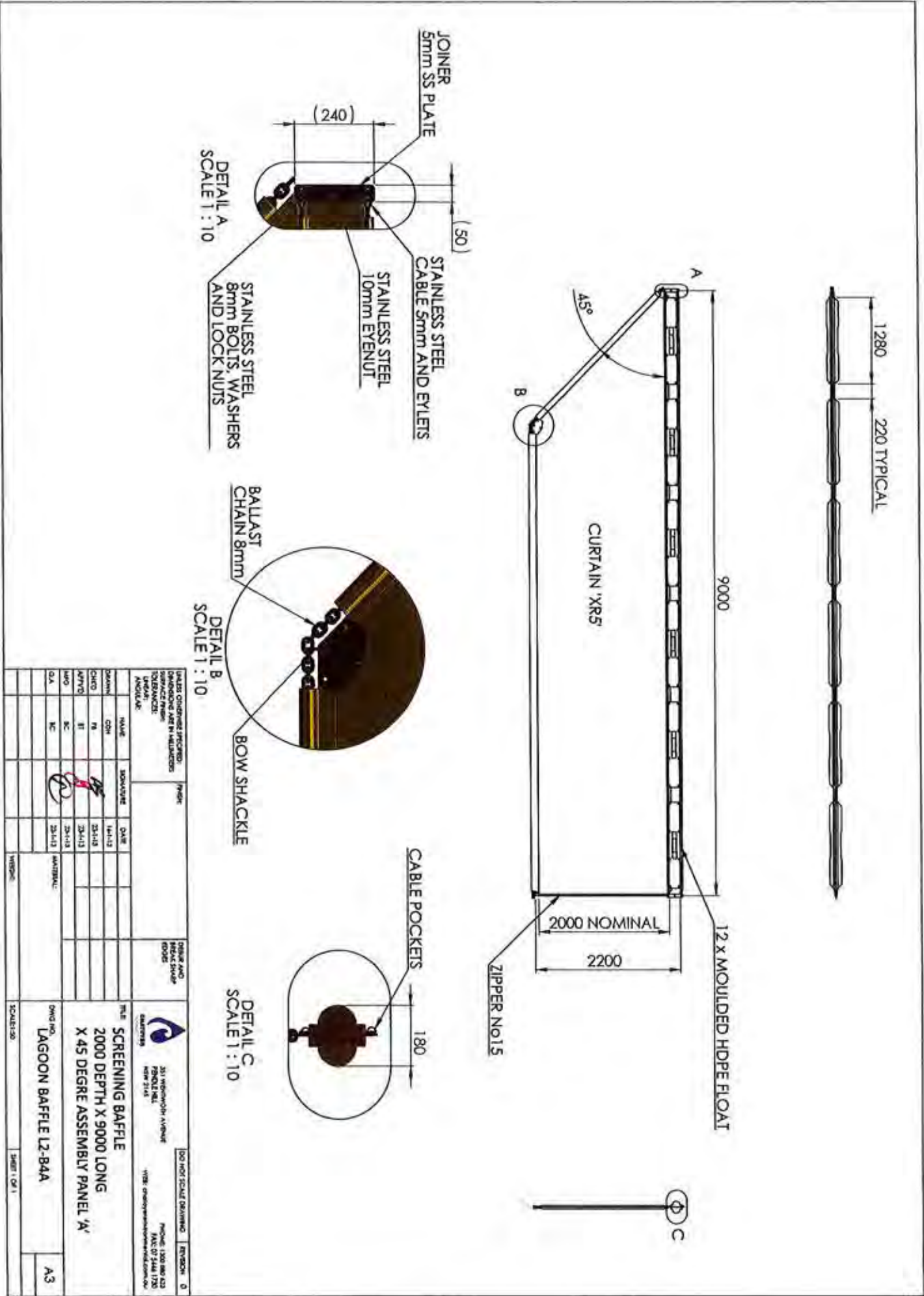


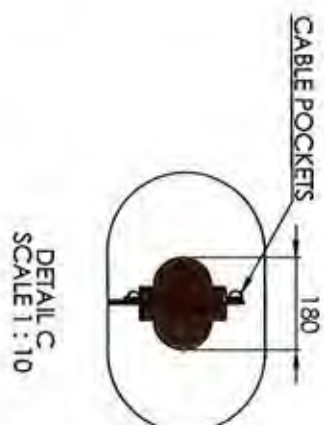
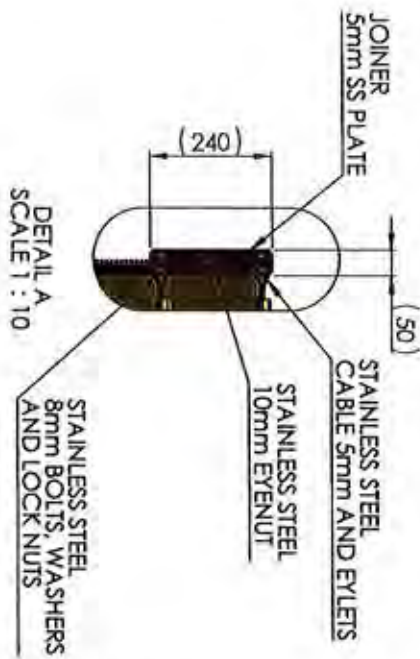
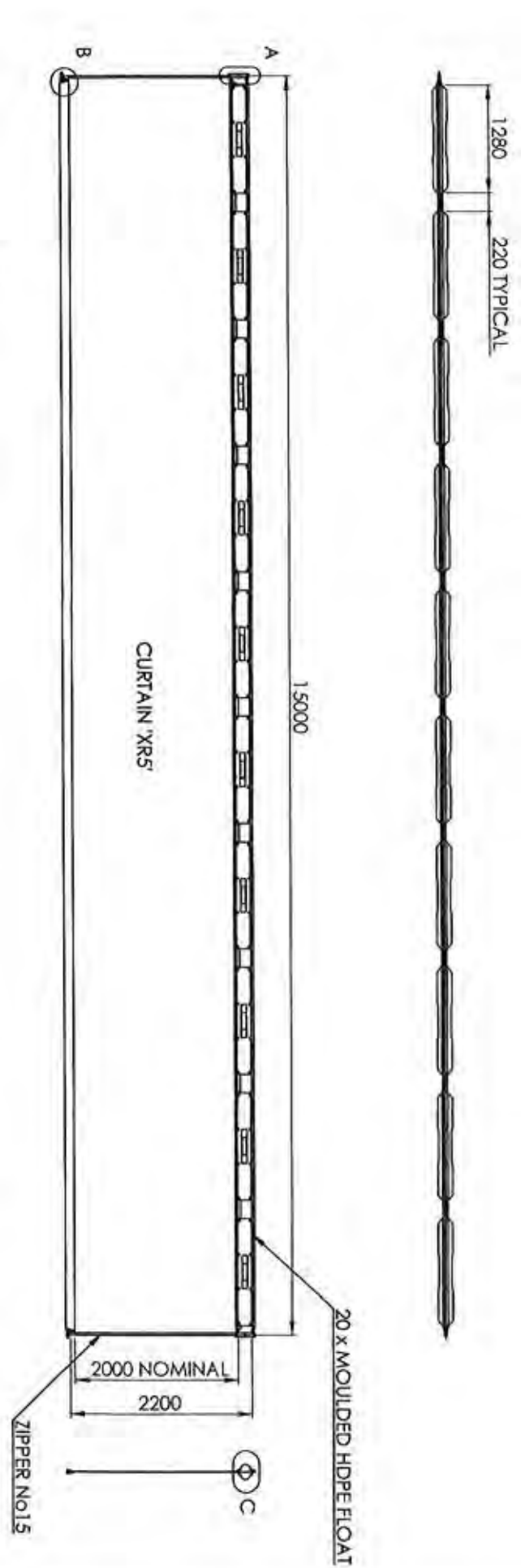


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SHEETS CONTAINED: 2700000-0000 DIMENSIONS ARE IN METERS SURFACE FINISH COLOUR CODE APPROVAL		P/N: ORDER AND SERIAL NUMBER 810005	
DATE	NAME	SIGNATURE	DATE
01/11/13	CON		
25/11/13	FIN		
25/11/13	HT		
25/11/13	RC		
25/11/13	SC		
MATERIAL:			
P/N: NO.			
LAGOON BAFFLE STD			
SHEET 1 OF 1			