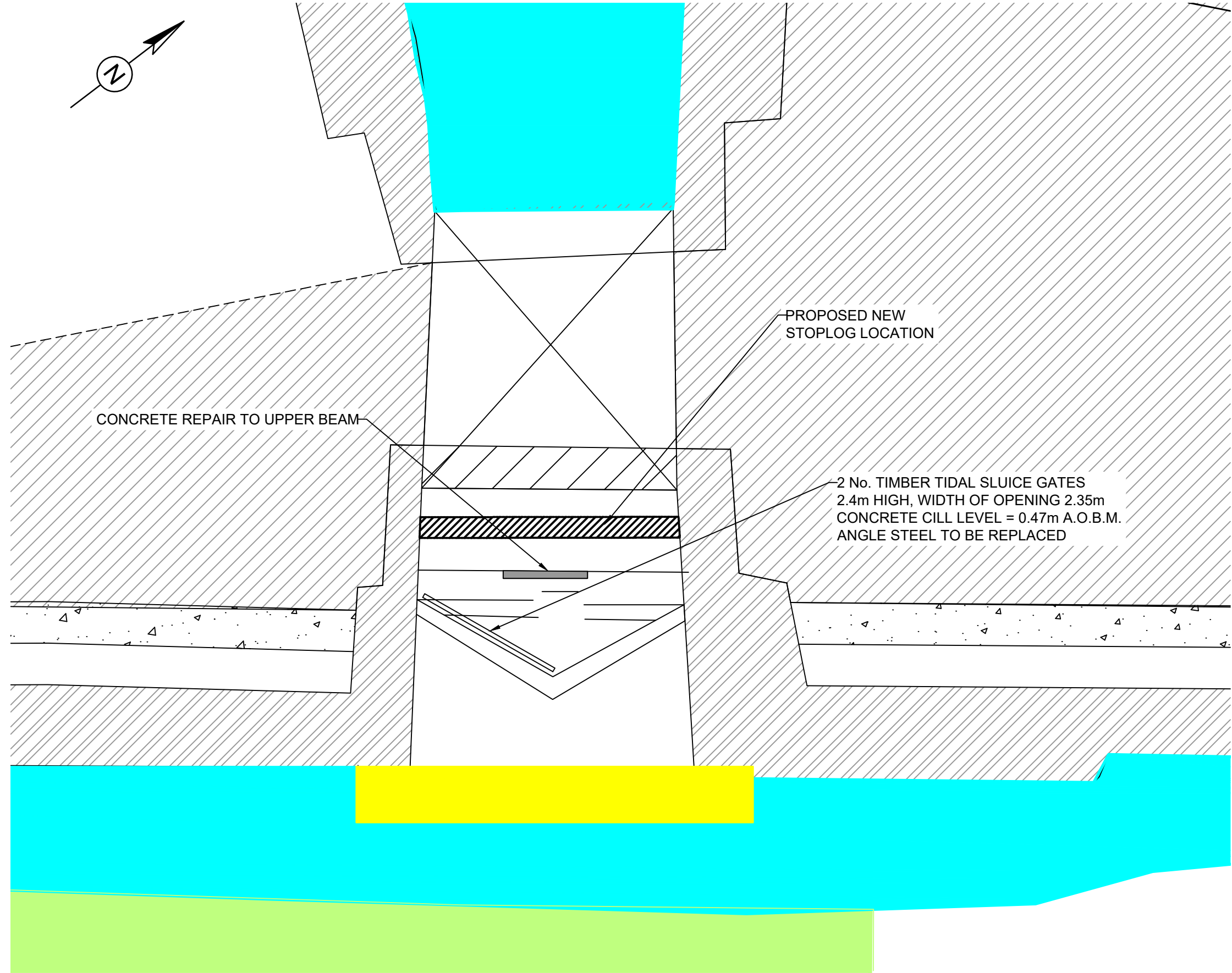


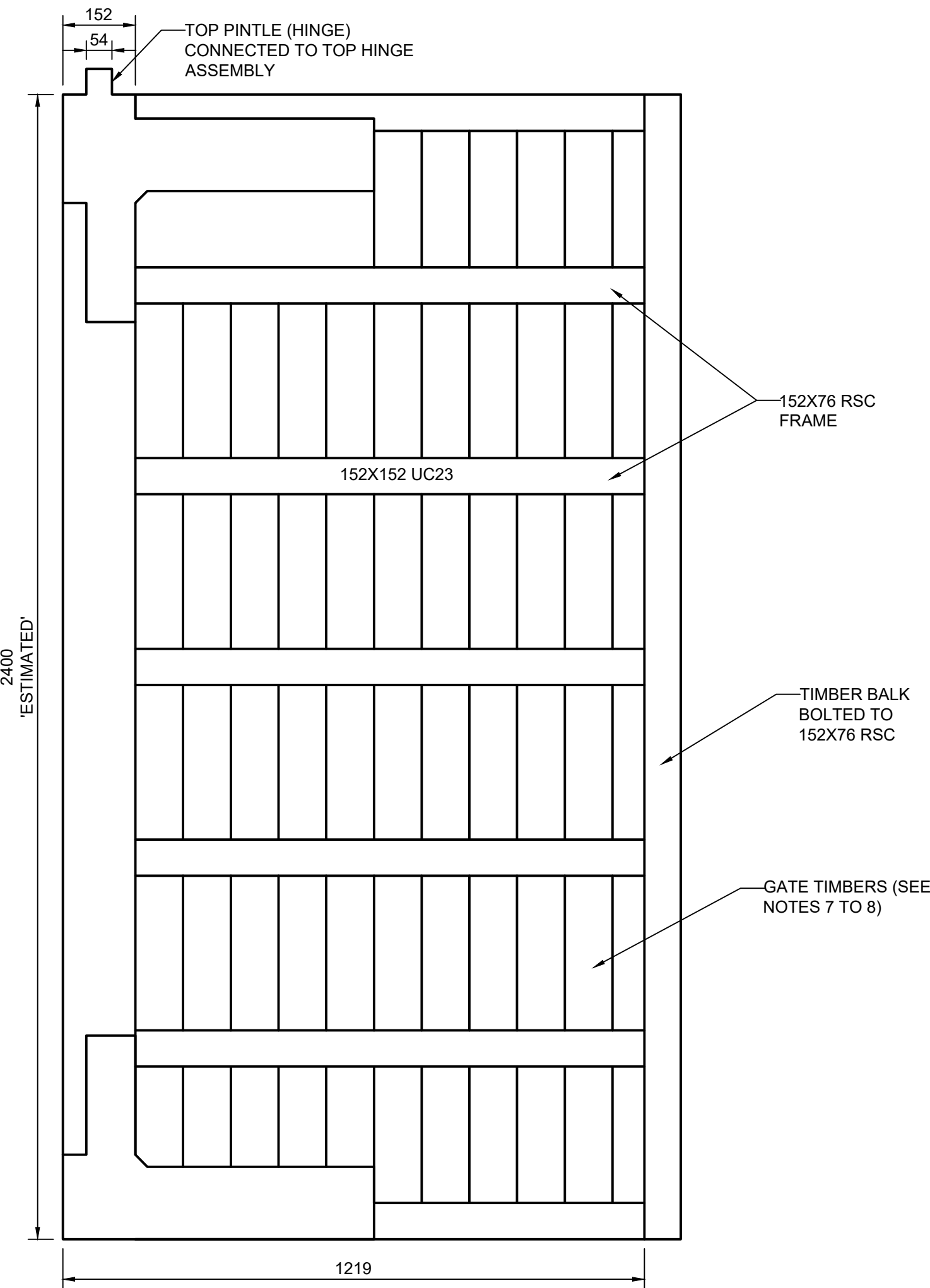
100
0 10
Millimetres

DO NOT SCALE



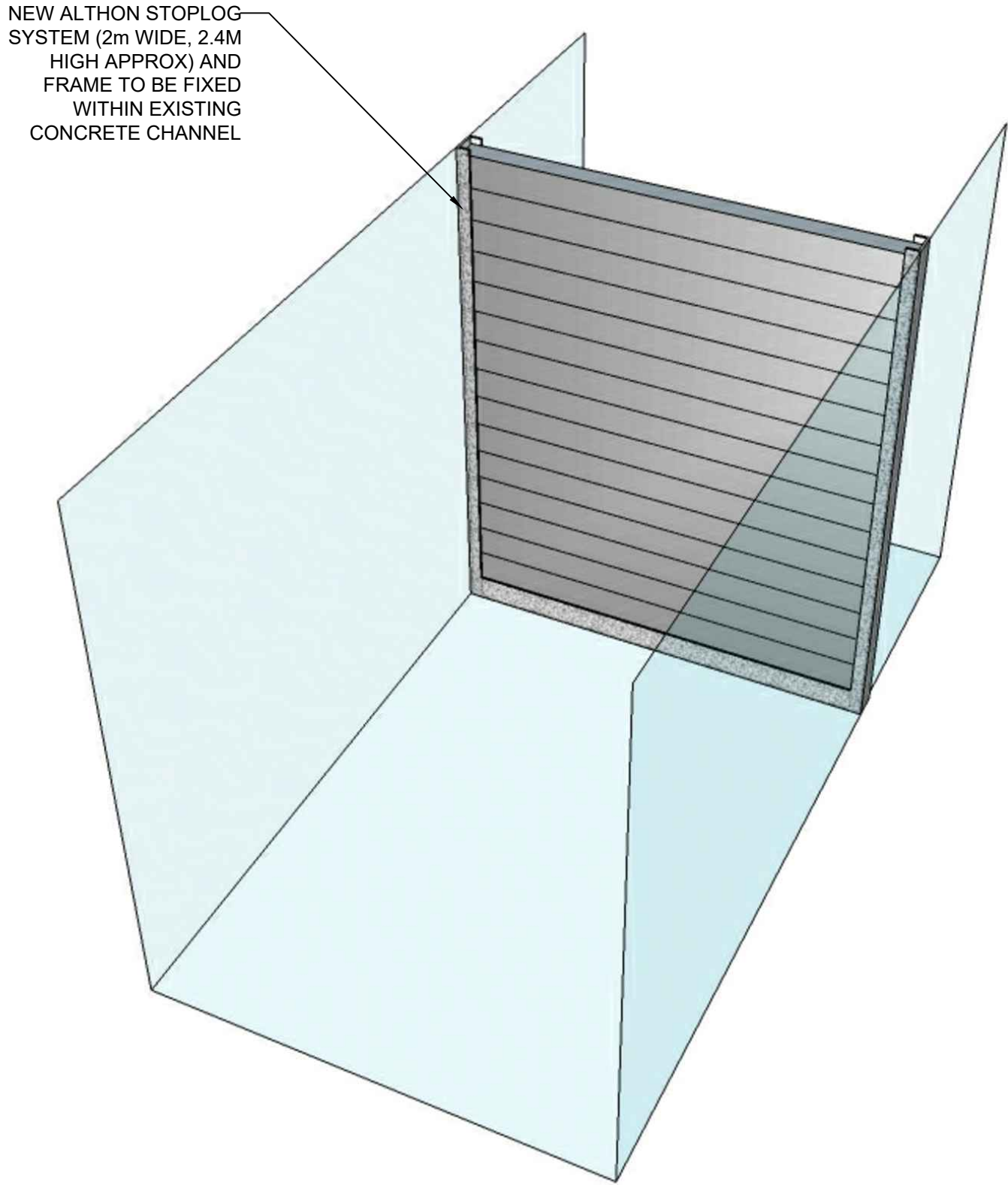
PLAN OF SLUICE CHANNEL SHOWING EXISTING
FLAP GATES AND PROPOSED STOP-LOG LOCATION

1:50



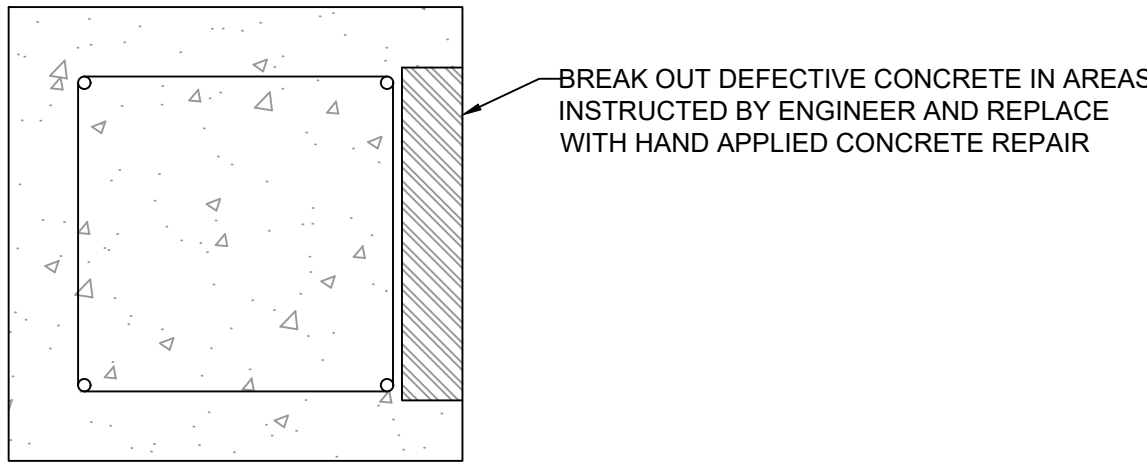
DETAILS OF EXISTING GATES (SINGLE GATE SHOWN)

1:50

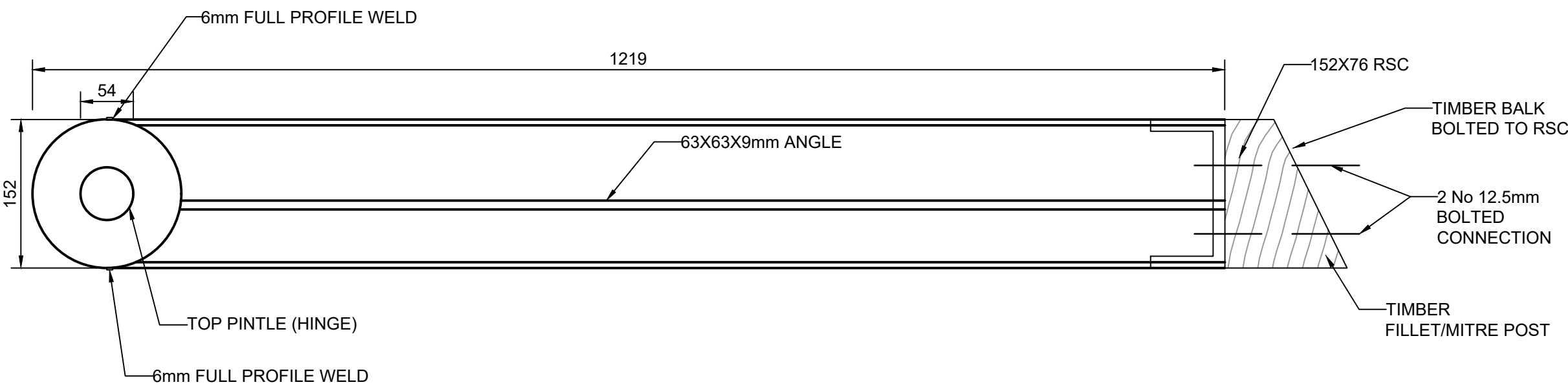


DETAILS OF STOPLOGS

NTS

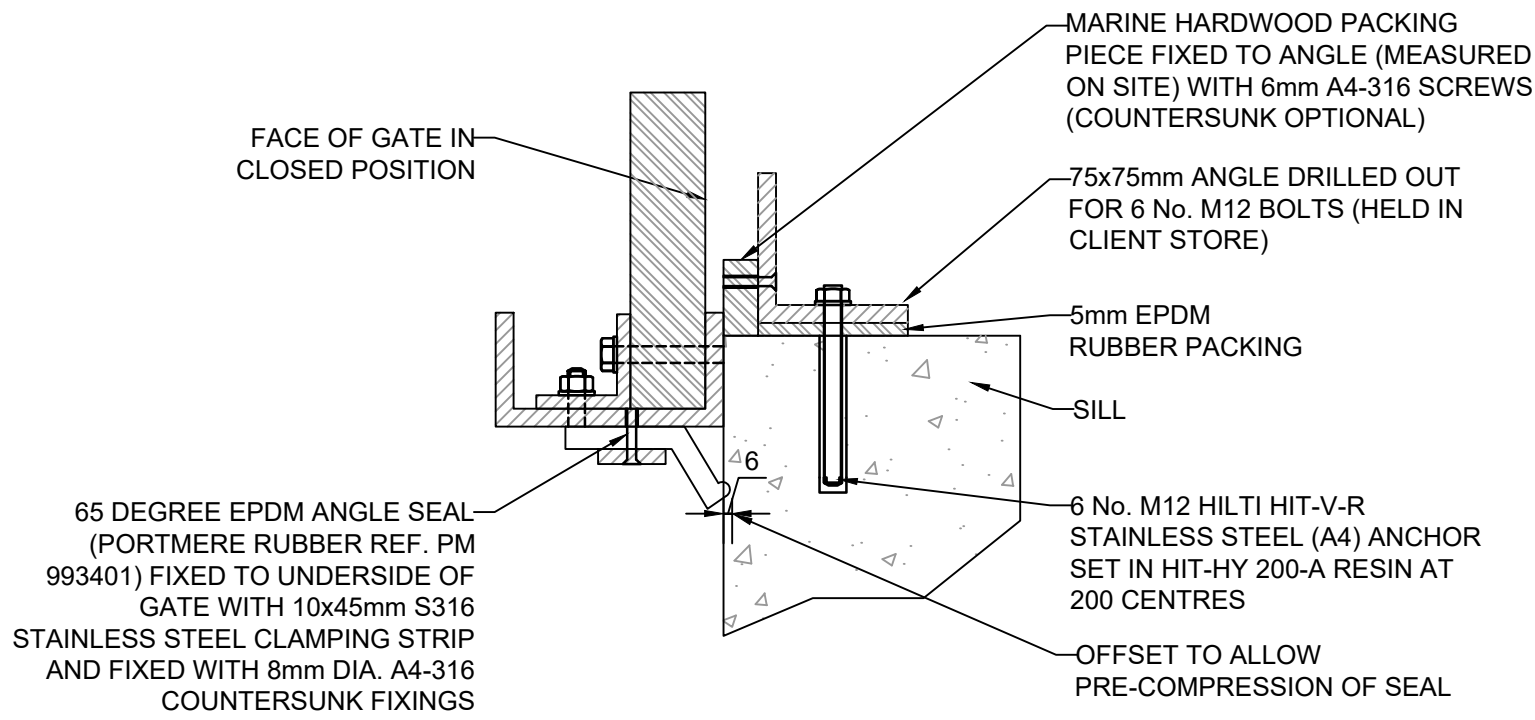


BREAK OUT DEFECTIVE CONCRETE IN AREAS
INSTRUCTED BY ENGINEER AND REPLACE
WITH HAND APPLIED CONCRETE REPAIR



DETAILS OF EXISTING GATES

1:5

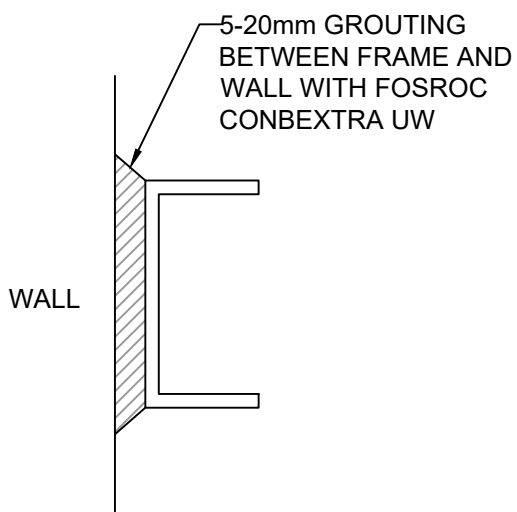


DETAIL OF ANGLE AND EPDM SEAL FIXING

1:5

CONCRETE REPAIR TO UPPER BEAM

1:5



GROUTING TO STOPLOG FRAME

1:5

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

WORKING ADJACENT TO A TIDAL RIVER, SUBJECT TO OCCASIONAL FLOODING.
WORKING NEAR EXCAVATIONS.
WORKING NEAR OPERATIONAL FLAP GATES.

MAINTENANCE/CLEANING

ACCESS REQUIREMENTS FOR FUTURE ASSET INSPECTION (SLUICES)

DECOMMISSIONING/DEMOLITION

WORKING ADJACENT TO A TIDAL RIVER, SUBJECT TO OCCASIONAL FLOODING.
WORKING NEAR OPERATIONAL FLAP GATES.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
- ALL LEVELS TO ORDNANCE DATUM NEWLYN UNLESS STATED OTHERWISE.
- THIS DRAWING INDICATES THE SHE RISKS FOR THE WHOLE SITE. REFER TO EACH INDIVIDUAL WORKS AREA FOR SPECIFIC SITE RISKS.
- THE LOCATION OF SERVICES IS NOT KNOWN. ALL SERVICES SHALL BE TRACED BY THE CONTRACTOR TO CONFIRM THE PRESENCE OF ANY SERVICES.
- THE PROPOSED WORKS SHOWN ARE THE INSTALLATION OF NEW ALUMINIUM STOPLOGS AND STEEL FRAME (BEING PROVIDED FREE OF CHARGE BY THE CLIENT), GATE REFURBISHMENT WITH NEW ANGLE SEAL, THE REPLACEMENT OF AN ANGLE PLATE ON THE SILL AND CONCRETE BEAM REPAIR.
- STOPLOGS SUPPLIED BY ALTHON LIMITED, NORWICH
- GATE TIMBERS TO BE CLASS 5 TO BS EN 335: PART 2: 2006 - GREENHEART, EKKI OR ANGELIM VERMELHO.
- JOINT/LAPPING IN TIMBER TO REPLICATE EXISTING. RECESSES IN TIMBER FOR BOLT HOLES TO BE REPLICATED.
- METAL SURFACES OF GATES AND TOP HINGE ASSEMBLY TO BE CLEANED TO BE FREE FROM RUST AND GREASE AND GRIT BLASTED. IN THE CASE OF GALVANISED STEEL AND ACID ETCH PRIMER SHALL BE USED PRIOR TO FURTHER PAINT COATINGS. PAINT TO CONSIST OF ZINC-RICH EPOXY PRIMER AND 2 COATS OF TWO-COMPONENT, HIGH-BUILD, POLYAMIDE EPOXY PAINT (HEMPADUR 17630) OSA, TO ACHIEVE 320 MICRON DFT PAINT THICKNESS
- BOLTS, NUTS AND WASHERS ON GATE TO BE RENEWED AND GRADE 316, A4 STAINLESS STEEL.

Rev.	Date	Description	By	Chk'd	App'd
P01.3	04/05/20	CONCRETE REPAIR	KM	RM	DF
P01.3	26/07/2019	GENERAL AMENDMENTS	KM	RM	DF
P01.1	03/12/18	FIRST ISSUE	KM	RM	DF

Drawing Status

TENDER

ATKINS

Copyright © Atkins Limited (2017)

Suitability

D2

West Glamorgan House
12 Orchard Street
Swansea
SA1 5AD

Tel: +44 (0)1792 641172
Fax: +44 (0)1792 472019
www.atkinsglobal.com

Client

Pembroke Coast
National Park Authority
Winch Lane, Haverfordwest
Pembrokeshire SA61 1PY
Tel: 01437 744036

Project Title					
CAREW MILL AND CAUSEWAY 2020 REPAIRS					
Drawing Title					
FLAP GATE REPAIRS WORKS AND NEW STOPLOG INSTALLATION					
Scale	Designed	Drawn	Checked	Authorised	
AS SHOWN	RM	KM	RM	DF	
Original Size	Date	Date	Date	Date	
A1	03/12/18	03/12/18	06/12/18	06/12/18	
Drawing Number					Revision
5129589.012-ATK-ZZ-ZZ-DR-D-0003					P01.3