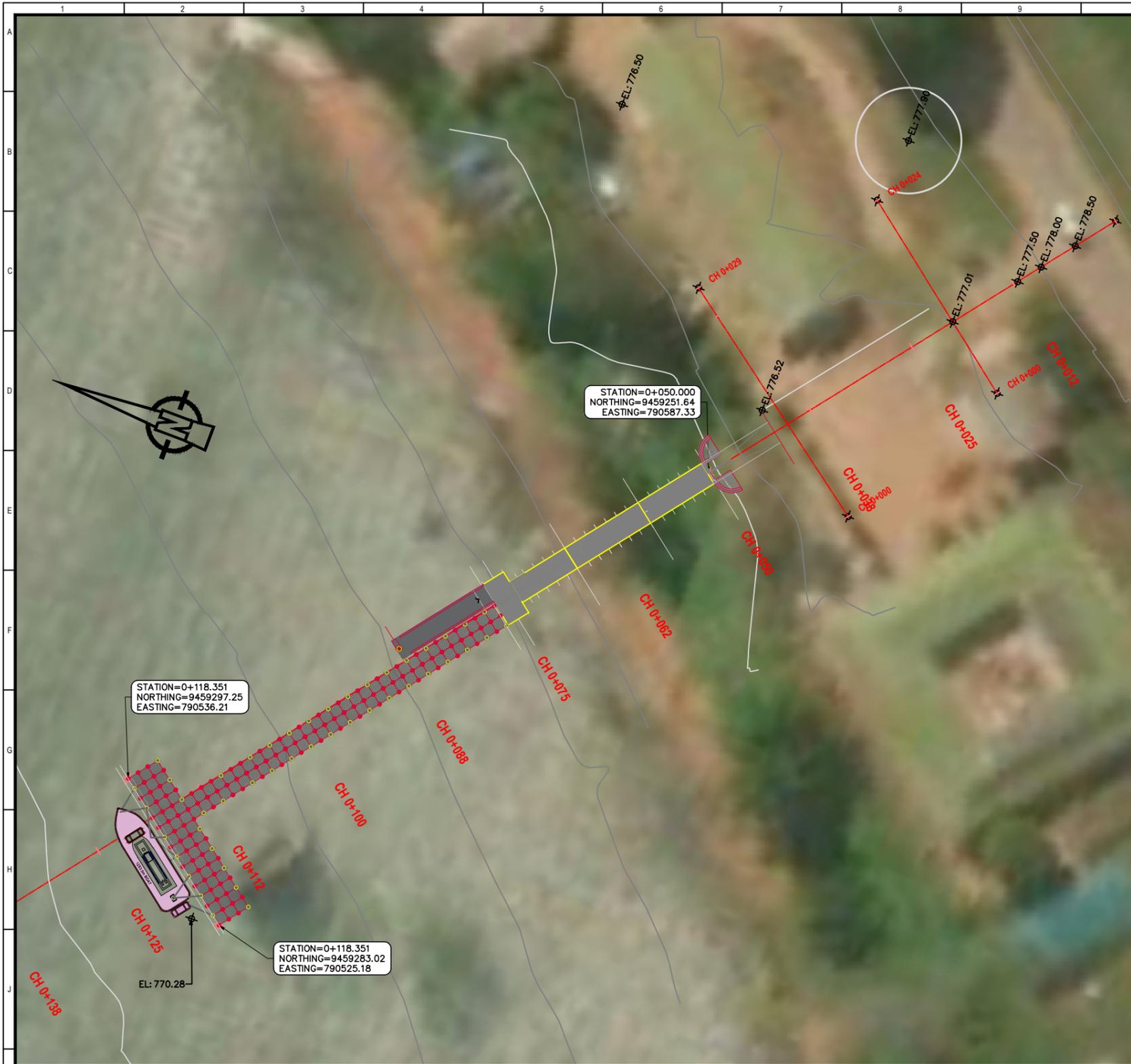
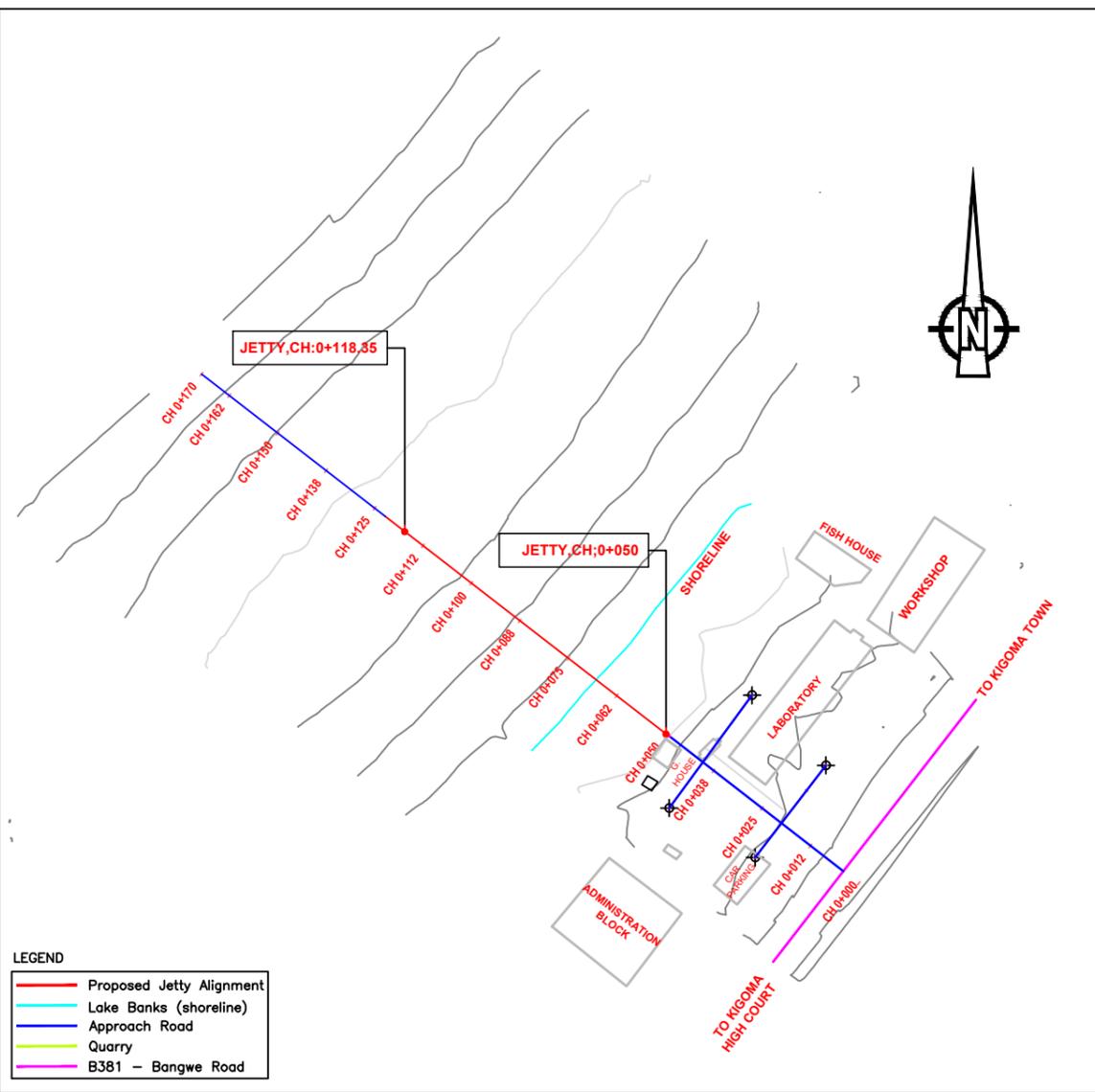


# PRELIMINARY JETTY DESIGN CONCEPT 03



LIST OF DRAWINGS		
S/N	DESCRIPTION	DWG. NO.
1	JETTY LAYOUT PLANS AND KEY PLANS	NTL/T887/STR/JTY/TFR-J001
2	JETTY PLAN AND ELEVATION	NTL/T887/STR/JTY/TFR-J002
3	DECK AND PIER DETAILS	NTL/T887/STR/JTY/TFR-J003
4	FOUNDATION LAYOUT PLANS	NTL/T887/STR/JTY/TFR-J004



### JETTY LAYOUT PLAN SCALE 1:750

#### HYDRAULIC INFORMATION

1	TOTAL FREE BOARD HEIGHT	1.0m
2	DESIGN HIGH WATER LEVEL (DHWL)	777.50m
3	MAXIMUM WAVE HEIGHT(AT 8m/s AV.WIND SPEED)	~0.7m
4	MAXIMUM LAKE BED ELEVATION (AT CH:0+50)	776.40m
5	MINIMUM LAKE BED ELEVATION (AT CH:0+102.5)	770.05m
6	EXTREME HIGH WATER LEVEL (EHWL-100 YEARS)	776.50
7	MINIMUM WATER LEVEL (THE PAST 40 YEARS)	772.60
8	MEAN LAKE LEVEL (MLL - SEPT. 2025)	773.84m

### KEY PLAN N.T.S

Client:  
**ENABEL Tanzania,**  
Masaki, Haile Selassie Road,  
P.O. Box 23209, Dar es Salaam, Tanzania.  
Tel: +255 22 266 7724  
Email: [tanzania@enabel.be](mailto:tanzania@enabel.be)

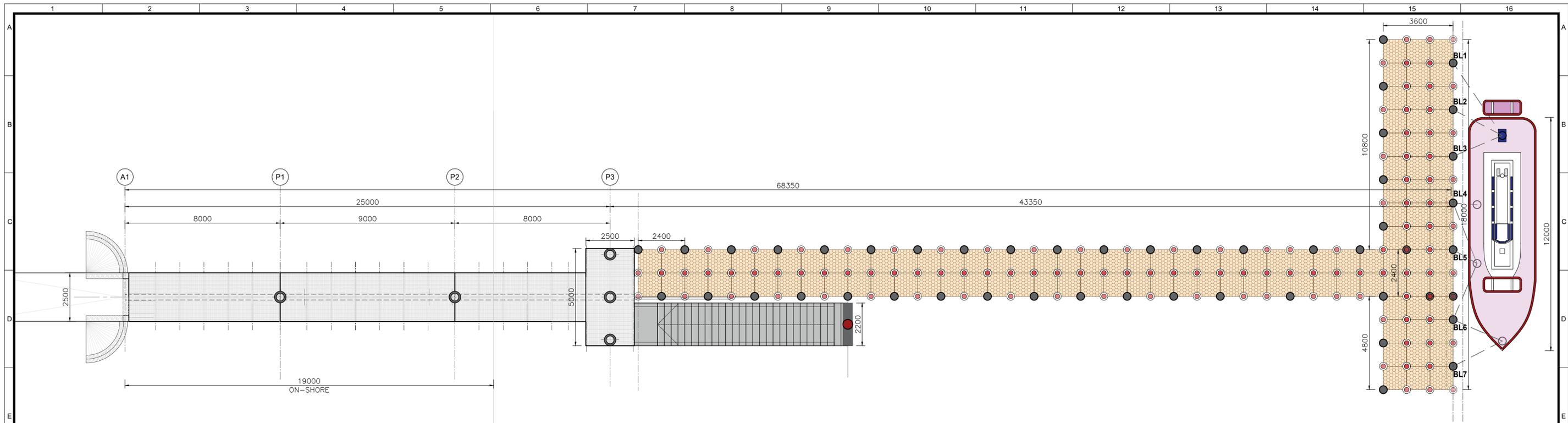
Design Consultant:  
**Consulting Engineers & Planners**  
Plot 92, House Number 20, Warioba Street,  
Mikocheni B  
**NORPLAN NTL**  
Tanzania Limited  
P.O. Box 2820, Dar es Salaam, Tanzania  
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E-mail: [admin@norplan.co.tz](mailto:admin@norplan.co.tz)  
Web: [www.norplan.co.tz](http://www.norplan.co.tz)

Project:  
**FEASIBILITY STUDY FOR THE CONSTRUCTION OF A JETTY AT  
TAFIRI - KIGOMA OFFICE**

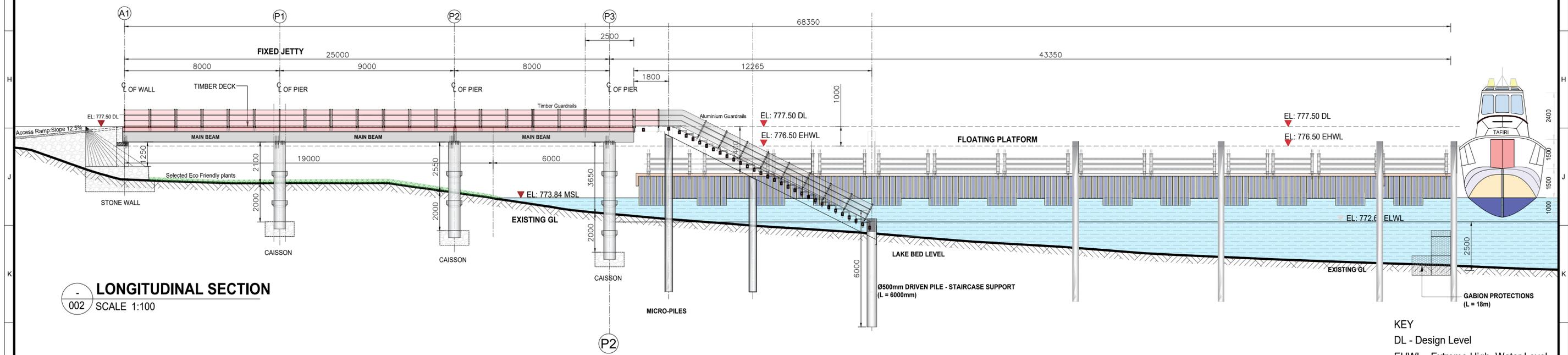
Rev	Date	Description

Designed: N.Athumani  
Drawn: A.Ibada  
Checked: G.Ngesi  
Approved: E.Maró  
Scale: As SHOWN  
Date: November 2025

Title: **PRELIMINARY JETTY DESIGN**  
**KEY PLAN**  
Project No: T867  
Drawing No: NTL/T890/STR/JTY/TFR/J001



**TAFIRI - JETTY LAYOUT**  
002 SCALE 1:120



**LONGITUDINAL SECTION**  
002 SCALE 1:100

**KEY**  
DL - Design Level  
EHWL - Extreme High Water Level  
ELWL - Extreme Low Water Level

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Design Consultant:  
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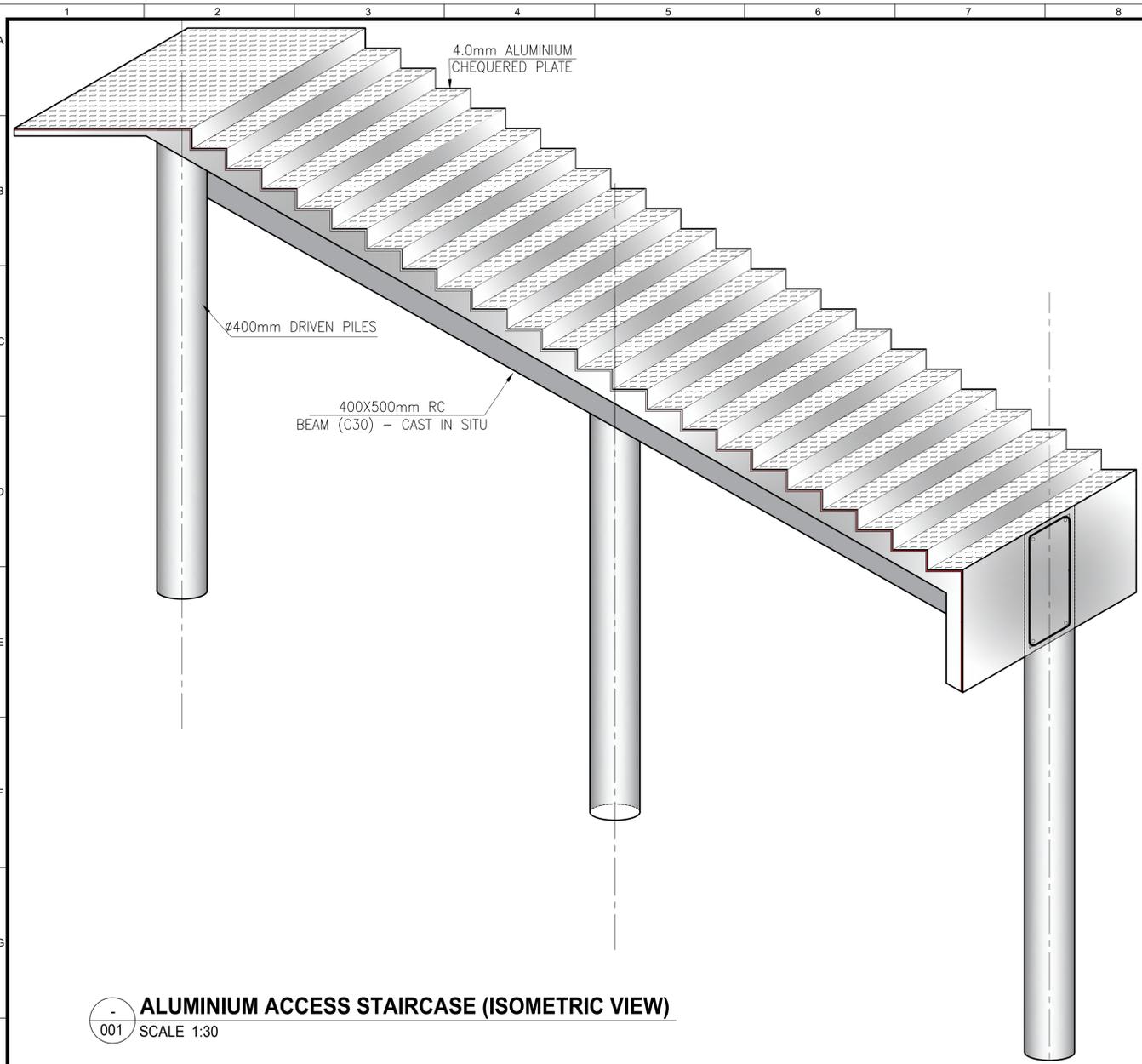
Project:  
**FEASIBILITY STUDY FOR THE CONSTRUCTION OF A JETTY AT TAFIRI - KIGOMA OFFICE**

Rev	Date	Description

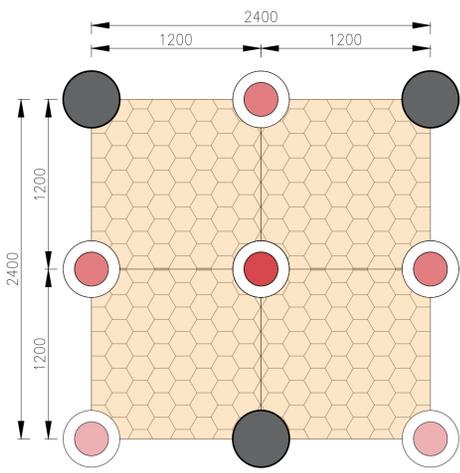
Designed: N.Athumani	Drawn: A.Ibada
Checked: G.Ngesi	Approved: E.Maró
Scale: As SHOWN	Date: November 2025

Title: <b>JETTY DESIGN CONCEPT 3</b> PLAN AND ELEVATION	
Project No: T890	Drawing No: NTL/T890/STR/JTY/TFR/J-1





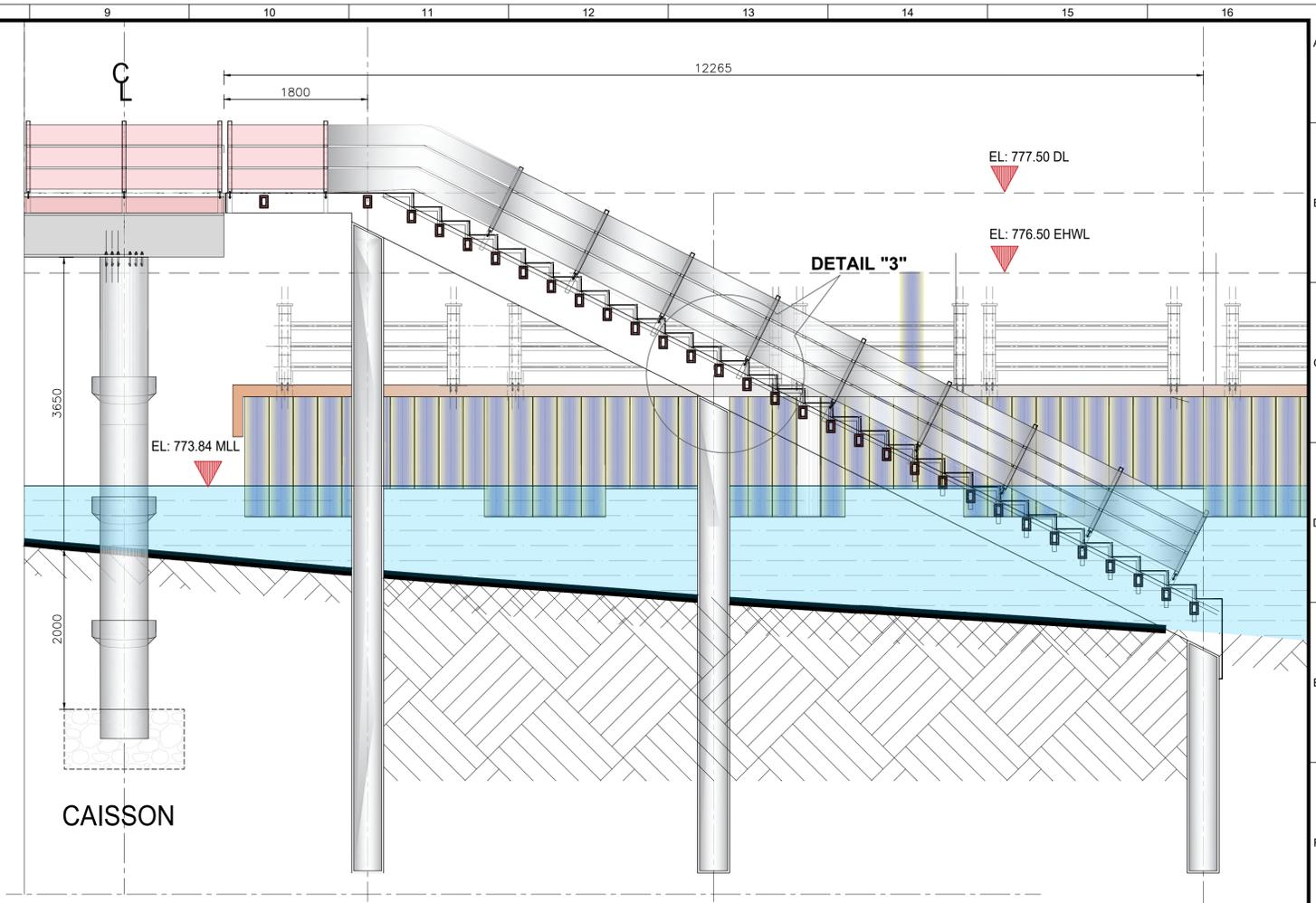
001 ALUMINIUM ACCESS STAIRCASE (ISOMETRIC VIEW)  
SCALE 1:30



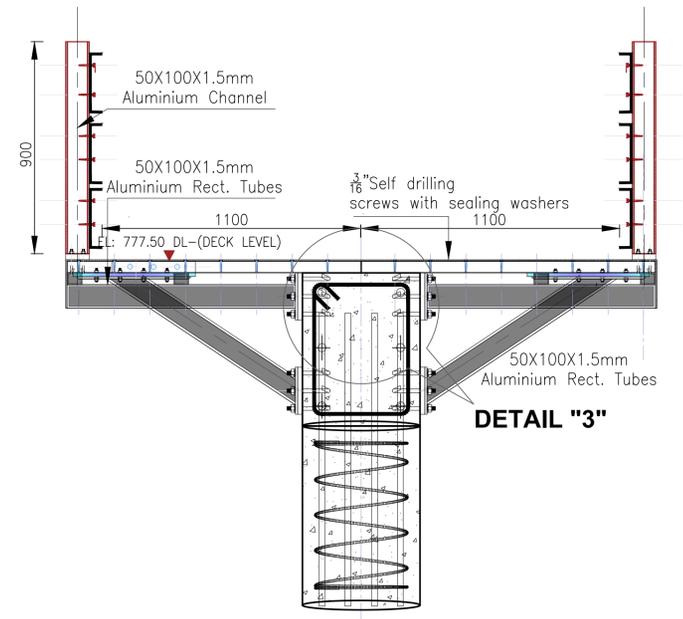
003 POLY FLOATS (PLAN)  
SCALE 1:40

**NOTES:**

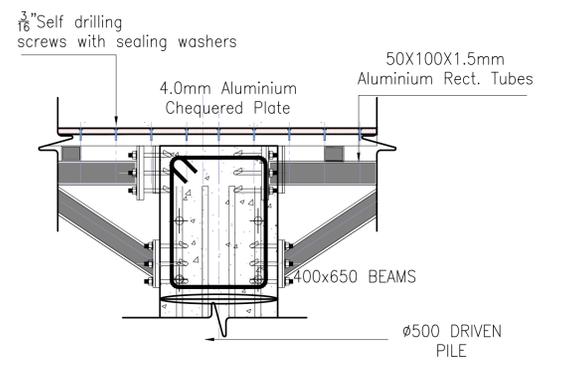
1. MINIMUM FREEBOARD (MEASURED FROM TOP OF THE FLOATING SYSTEM) UNDER LIVE LOADING OF 5.0KN/m<sup>2</sup> SHOULD BE AT LEAST 25% OF THE DEPTH OF THE POLY FLOATS.
2. NO ADDITIONAL STRUCTURES (EITHER TEMPORARY OR PERMANENT PERMITTED ON A JETTY).
3. ALL JETTY PILES : TO MANUFACTURER SPECIFICATIONS
4. BOLLARDS & MOORING SYSTEMS FOR DOCKING OPERATIONS SHOULD BE DESIGNED TO ACCOMMODATE THE MINIMUM CALCULATED MOORING FORCE.



002 ALUMINIUM ACCESS STAIRCASE (SIDE ELEVATION)  
SCALE 1:30



004 DETAIL "3" (ACCESS STAIRCASE)  
SCALE 1:40



005 DETAIL "3"  
SCALE 1:40

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Web: www.norplan.co.tz

Project: **FEASIBILITY STUDY FOR THE CONSTRUCTION OF A JETTY AT TAFIRI - KIGOMA OFFICE**

Rev	Date	Description

Designed: N.Athumani  
Checked: G.Ngesi  
Scale: As SHOWN

Drawn: A.Ibada  
Approved: E.Marco  
Date: November 2025

Title: **JETTY DESIGN CONCEPT 3**  
STAIRCASE & FLOATING JETTY DETAILS

Project No: T890  
Drawing No: NTL/T890/STR/JTY/TFR/J-3