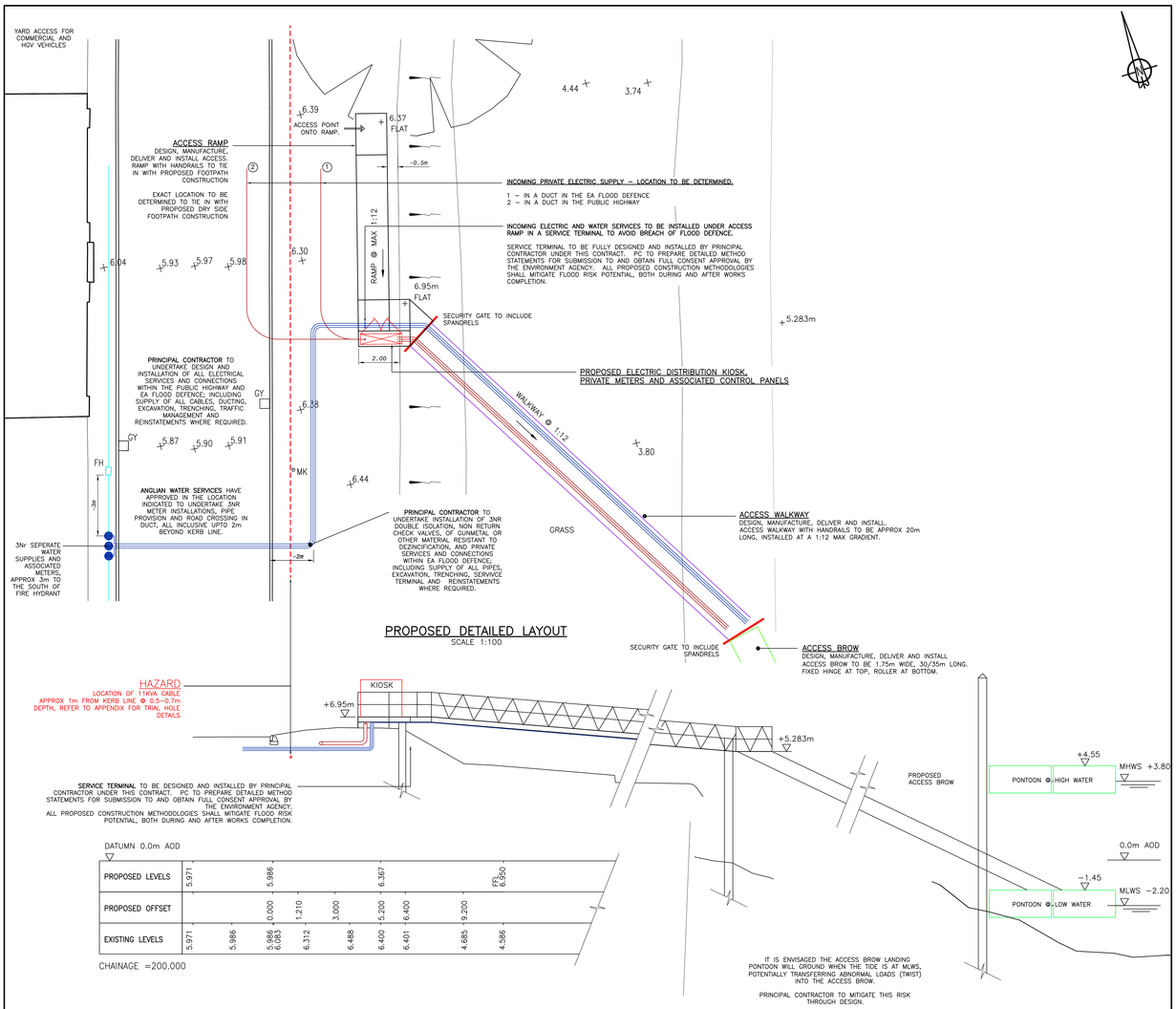
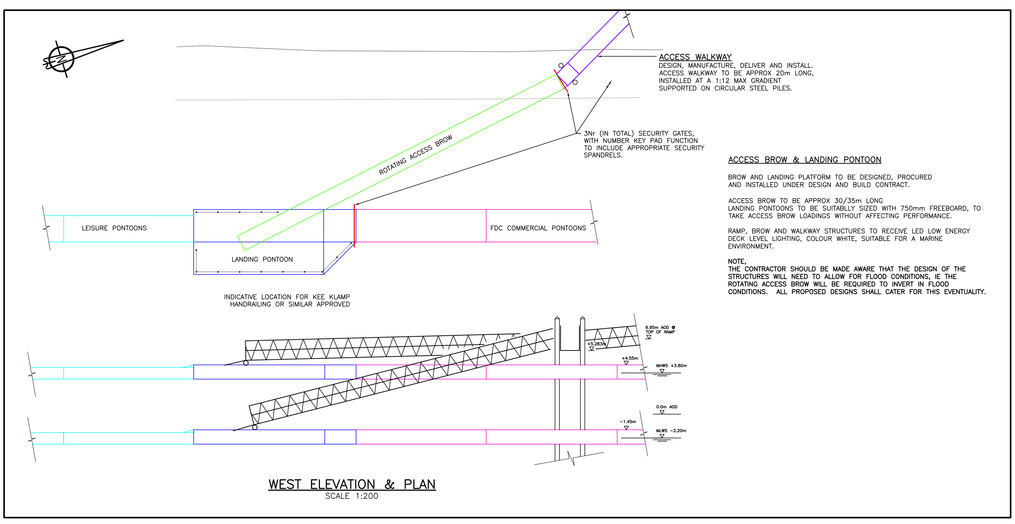


PROPOSED DETAILED LAYOUT
SCALE 1:100

NORTH ELEVATION / TYPICAL CROSS SECTION THROUGH STRUCTURE
SCALE 1:100



ACCESS BROW & LANDING PONTOON

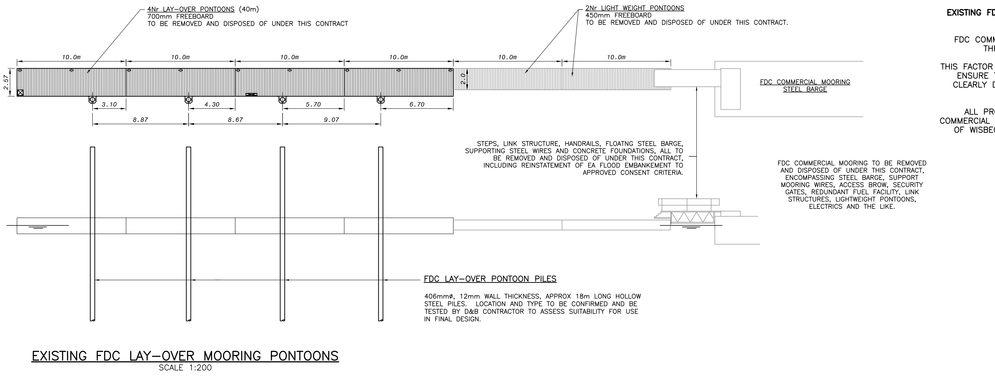
BROW AND LANDING PLATFORM TO BE DESIGNED, PROCURED AND INSTALLED UNDER DESIGN AND BUILD CONTRACT.

ACCESS BROW TO BE APPROX 30/35m LONG LANDING PONTOONS TO BE SUITABLLY SIZED WITH 750mm FREEBOARD, TO TAKE ACCESS BROW LOADINGS WITHOUT AFFECTING PERFORMANCE.

RAMP, BROW AND WALKWAY STRUCTURES TO RECEIVE LED LOW ENERGY DECK LEVEL LIGHTING, COLOUR WHITE, SUITABLE FOR A MARINE ENVIRONMENT.

NOTE,
THE CONTRACTOR SHOULD BE MADE AWARE THAT THE DESIGN OF THE STRUCTURES WILL NEED TO ALLOW FOR FLOOD CONDITIONS, IE THE ROTATING ACCESS BROW WILL BE REQUIRED TO INVERT IN FLOOD CONDITIONS. ALL PROPOSED DESIGNS SHALL CATER FOR THIS EVENTUALITY.

WEST ELEVATION & PLAN
SCALE 1:200



EXISTING FDC LAY–OVER MOORING PONTOONS
SCALE 1:200

EXISTING FDC COMMERCIAL MOORING TO BE REMOVED AS PART OF THIS CONTRACT.

FDC COMMERCIAL OPERATIONS ARE TO BE CONTINUED THROUGHOUT THE DURATION OF WORKS.

THIS FACTOR REQUIRES EXPLICIT PROJECT PROGRAMMING TO ENSURE THAT OPERATIONS CONTINUE AND SHALL BE CLEARLY DEMONSTRATED IN THE CONTRACTORS WORKS PROGRAM.

ALL PROGRAMMING AND ACTIVITIES WHICH AFFECT COMMERCIAL OPERATIONS SHALL BE AGREED WITH THE PORT OF WISBECH HARBOUR AUTHORITY, EASTERN IFCA AND SUTTON BRIDGE PORT OPERATOR

NOTES

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS IN METRES, UNLESS OTHERWISE STATED
3. TIDE LEVELS:

   MHWS = +3.8m OD (–7.00m CD)
   MHWN = +1.9m OD (–5.10m CD)
   MLWN = –1.0m OD (–2.20m CD)
   MLWS = –2.2m OD (–1.00m CD)

4. CHART DATUM (0m CD) IS 3.20m BELOW ORDNANCE DATUM (NEWLYN).
5. FLOOD DEFENCE LEVEL ~ +6.4m OD (–9.6m CD)
6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH:–

P122\10 Rev E	E	EXISTING AND PROPOSED LAYOUTS
P122\11 Rev E	E	DETAILED LAYOUTS
P122\12	1	NOT USED
P122\13		NOT USED
P122\14		NOT USED
P122\15 Rev A		HYDROGRAPHIC SURVEY PLAN (2011)
P122\16 Rev A		HYDROGRAPHIC SURVEY, SECTIONS – SHEET 1 OF 2
P122\17 Rev A		HYDROGRAPHIC SURVEY, SECTIONS – SHEET 2 OF 2

7. THE PROPOSED CORE WORKS OF THIS CONTRACT, ALTHOUGH NOT FULLY EXHAUSTIVE, INCLUDE THE DESIGN, CONSTRUCTION AND UNDERTAKING OF THE FOLLOWING:–
   - ACCESS RAMP AND WALKWAY
   - ACCESS BROW AND LANDING PLATFORM
   - LEISURE PONTOONS (57.5m + 34.5m) [UTILISING PREVIOUSLY PROCURED LEISURE PONTOONS]
   - FDC COMMERCIAL PONTOONS (60m), [UTILISING PREVIOUSLY PROCURED TOWN QUAY PONTOONS]
   - EASTERN IFCA COMMERCIAL PONTOONS (50m), [NEW PROCUREMENT UNDER THIS CONTRACT]
   - FUEL PONTOON (24m) AND ASSOCIATED W&M APPROVED DELIVERY, [NEW PROCUREMENT UNDER THIS CONTRACT]
   - EXISTING DRAKE TOWAGE MOORING STRUCTURE TO BE INCORPORATED FOR USE IN EASTERN IFCA FUEL FACILITY, INCLUDING NEW SUPPORTING PILES FOR FIXED STRUCTURE AND FLOATING FUEL FACILITY
   - ALL SUPPORTING CIRCULAR STEEL PILES
   - REMOVE EXISTING FDC LAYOVER PONTOONS, CHECK SUITABILITY FOR LAY OVER PILES FOR RE–USE IN FINAL PROJECT
   - REMOVAL AND DISPOSAL OF EXISTING STEEL STRUCTURE MOORINGS AS INDICATED ON DRAWING
   - PROVISION OF 1NR ELECTRIC AND 3Nr WATER SUPPLIES, ELECTRIC SUPPLY TO BE SPILT IN DISTRIBUTION KIOSK
   - APPROX 330m OF DUCTING AND CABLING AND DRAW PITS FOR NEW 3 PHASE POWER SUPPLY TO DISTRIBUTION KIOSK ON ACCESS LANDING PONTOON
   - DESIGN SUPPLY AND INSTALLATION OF ALL PONTOON SERVICE INFRASTRUCTURE, WATER, ELECTRIC, NAVIGATION LIGHTS, SAFETY LADDERS ETC
   - SUPPORT APPLICATION TO THE ENVIRONMENT AGENCY FOR CONSENT TO WORKS IN THEIR FLOOD DEFENCE.
   - SUPPORT APPLICATION TO THE MARINE MANAGEMENT ORGANISATION FOR MARINE LICIENCE.
   -

THIS SET OF CONCEPTUAL DRAWINGS HAS BEEN PROVIDED TO DRAKE TOWAGE LIMITED AS PART OF THE CLIENTS / EMPLOYERS REQUIREMENTS.

IT IS THE RESPONSIBILITY FOR DRAKE TOWAGE LIMITED AND THEIR APPOINTED DESIGNERS, INTERMARINE LIMITED, ROLLINS ELECTRICAL TO DEVELOP THE CONCEPT INTO A FULL DESIGN AND BUILD, MEETING THE REQUIREMENTS OF THE TENDER SPECIFICATION.

LEGEND

- SB1 LIGHT AND POWER BOLLARD 4Nr 16AMP SOCKETS – UNMETERED
- SB2 LIGHT AND POWER BOLLARD 2Nr 16A & 1Nr 32 AMP SOCKET – UNMETERED
- SOS LIGHT, LIFE BUOY AND FIRE EXTINGUISHER BOLLARD
- IB LIGHT ONLY BOLLARD
- NL NAVIGATION LIGHTS 2 FIXED VERTICAL GREEN LIGHTS, LOCATED 1m APART AND 1.5m ABOVE DECK LEVEL.
- W GALVANISED WATER STAND, 1Nr WATER TAP WITH HOSE REEL AND 30m HOSE PIPE
- FP WEIGHTS AND MEASURES APPROVED FUEL PUMP

ELECTRIC METERING ARRANGEMENT TO BE CONFIRMED

EASTERN IFCA MOORING TO HAVE 1Nr 63 AMP SOCKET ON 1 BOLLARD ONLY AS INDICATED ON P122\10

AS PER REVISION C

Revisions				
Revlsn	By	Date	Aprvd	Description
E	KG	14/7/15	TDW	UPDATED AND ISSUED FOR DESIGN AND BUILD CONTRACT
D	KG	13/5/15	TDW	UPDATED AND ISSUED TO DRAKE TOWAGE LIMITED FOR DESIGN AND BUILD CONTRACT
C	KG	4/8/14	TDW	ISSUED FOR TENDER
B	KG	7/7/14	TDW	ISSUED TO WESTERN POWER DISTRIBUTION AND COMMENTS
A	KG	6/6/14	TDW	ISSUED FOR COMMENTS
Designed	K.GOVE	MAY 2014	Eng. Chk	G.EDWARDS MAY 2014
Drawn	K.GOVE	MAY 2014	Approved	T.WATSON MAY 2014

Project: SUTTON BRIDGE MARINA & COMMERCIAL MOORINGS 2014/15

Title: DETAILED LAYOUTS

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Scale: AS SHOWN | Drawing No: P122\11 | Rev: E