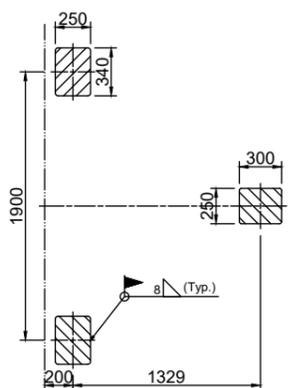
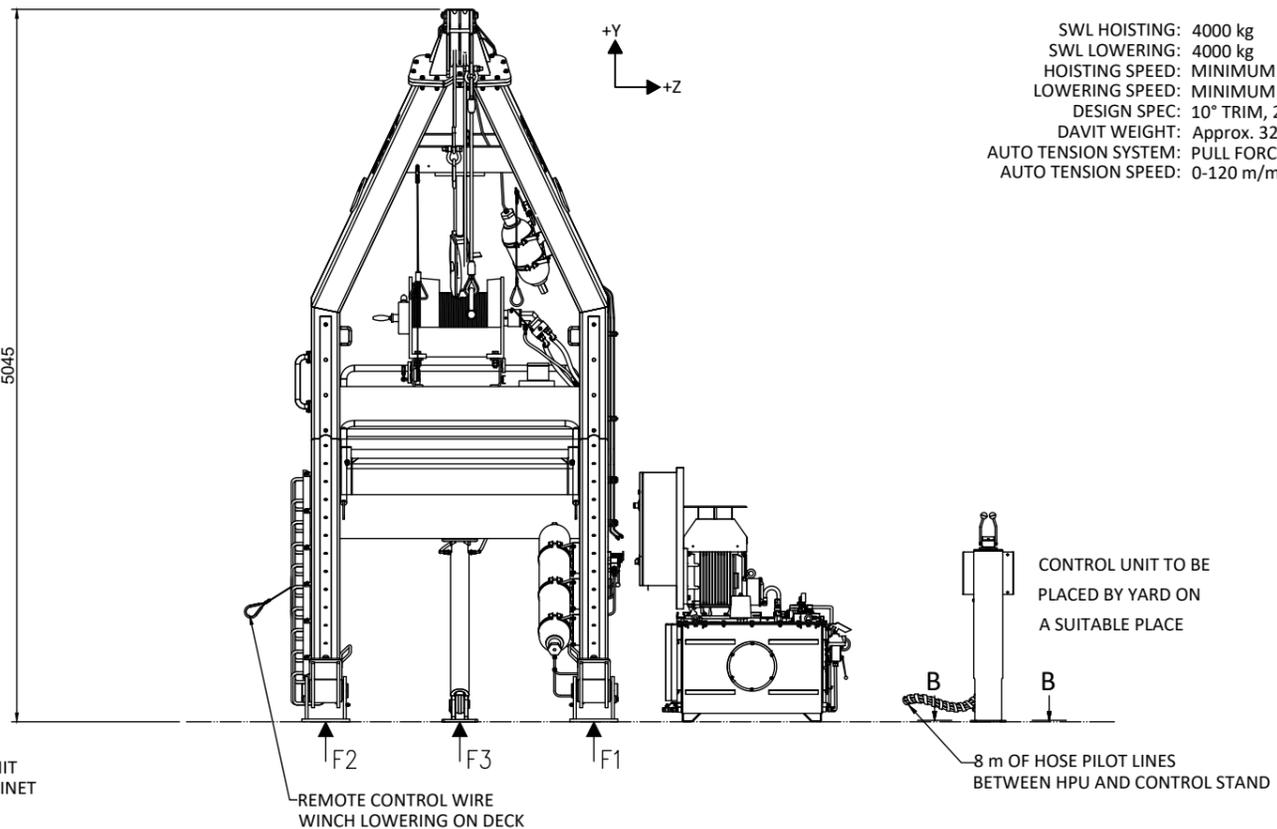
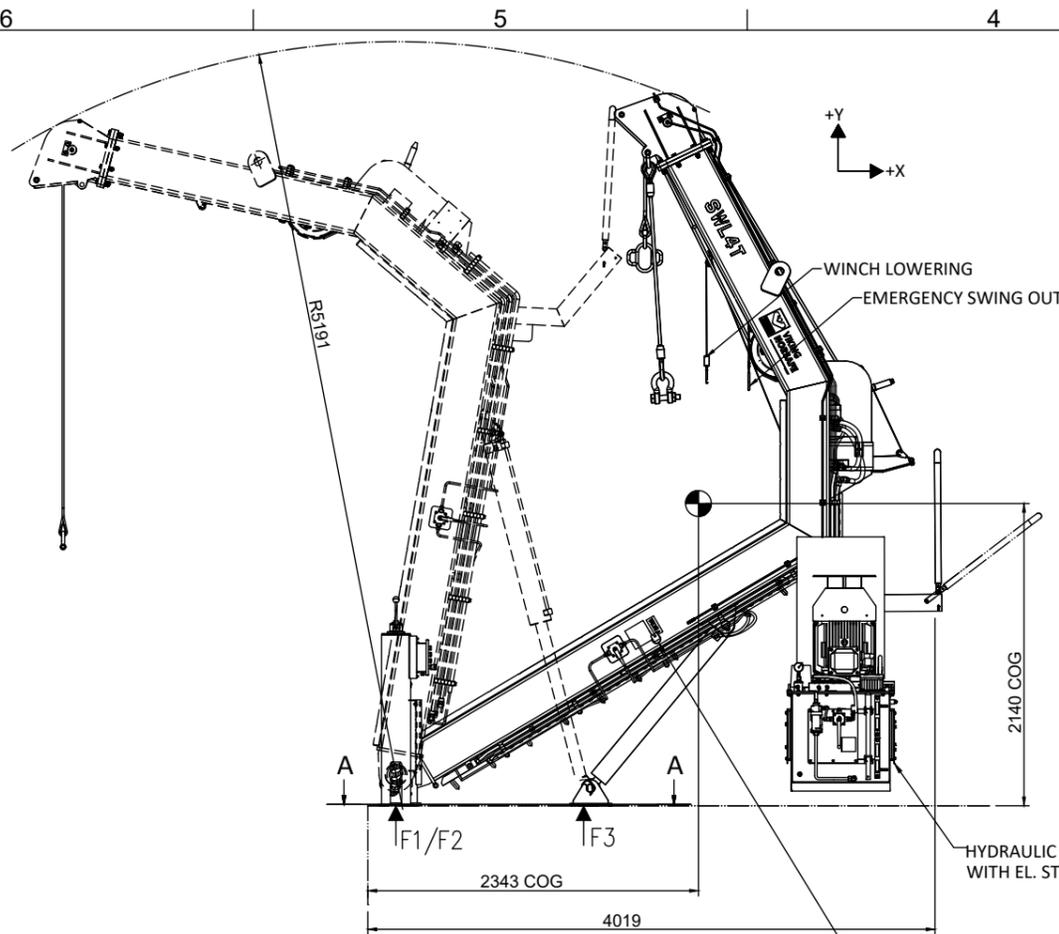


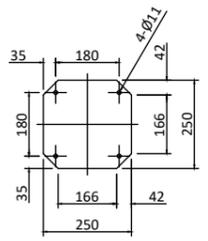
NDA-40 HST DAVIT

SWL HOISTING: 4000 kg
 SWL LOWERING: 4000 kg
 HOISTING SPEED: MINIMUM 50 M/MIN
 LOWERING SPEED: MINIMUM 50 M/MIN
 DESIGN SPEC: 10° TRIM, 20° LIST SIMULTANOUSLY
 DAVIT WEIGHT: Approx. 3200 kg
 AUTO TENSION SYSTEM: PULL FORCE APPROX 10% OF SWL
 AUTO TENSION SPEED: 0-120 m/min

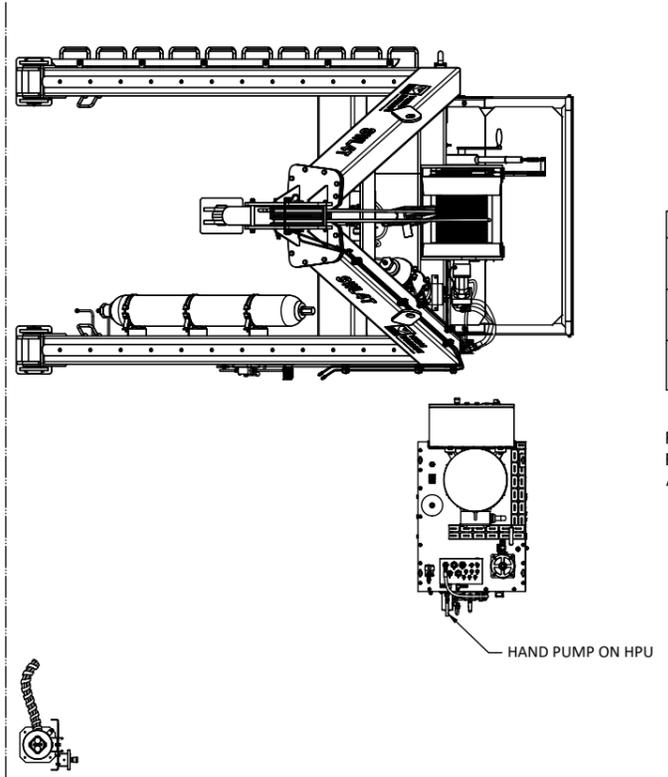


INTERFACE FOOT PRINTS IN DECK

A-A (1 : 25)



FOOT PRINT B-B (1 : 10)



NDA-40 Davit Reaction Forces in Deck							
Nodes	Force			Moment			
	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)	
F1 / F2	MAX.	2	117	14	21	13	19
	MIN.	-96	-64	-16	-23	-12	0
F3	MAX.	146	170	0	0	0	0
	MIN.	-3	-128	0	0	0	-18

REACTION FORCES AS JOINT LOADS EACH SIDE, MARKED WITH NODES ON DECK INTERFACE. FOR ORIENTATION OF FORCES SEE LEGEND WITH MARKED XYZ VECTORS. ALL FORCES ARE POINT LOADS, NOMINAL FORCES WITHOUT ANT FACTORS.

NOTES:

1. EMBARKATION PLATFORMS, LADDERS ETC.: YARD SUPPLY.
2. LOCATION OF HYDRAULIC POWER UNIT TO BE DECIDED BY YARD.
3. VIKING NORSAFE DELIVER 5m HOSES FOR CONNECTION BETWEEN DAVIT AND HPU. HYDRAULIC PIPING BETWEEN HPU AND DAVIT IS YARD SUPPLY.
4. CONNECTION OF MAIN POWER SUPPLY TO EL. CABINET IS YARD SUPPLY.
5. ALL FIELD WELDS TO BE PERFORMED ACC.TO APPROVED WPS. (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPROVAL PRIOR TO START WELDING.

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
2	Changed the template	DZH	GACA	WAGU	21.09.2020
1	Re-issued for approval	CENI	GACA	WAGU	18.06.2019
0	Issued for review	GACA	ALJI	WAGU	29.01.2015

REVISION HISTORY

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Drawn by	Check by	Appr. by	Initial release date		
GACA	ALJI	WAGU	29.01.2015		

Project number	Project name	Client number
Title		Material Number
NDA-40 HST Rescue boat davit		Weight
		N/A
		Projection method
Drawing type	Tolerances	Scale
GA	ISO 2768-mK, ISO 13920-BF	1:50
Drawing Number		Sheet Size
G-500668		A3
		Revision
		2
		Sheet No.
		1/1

