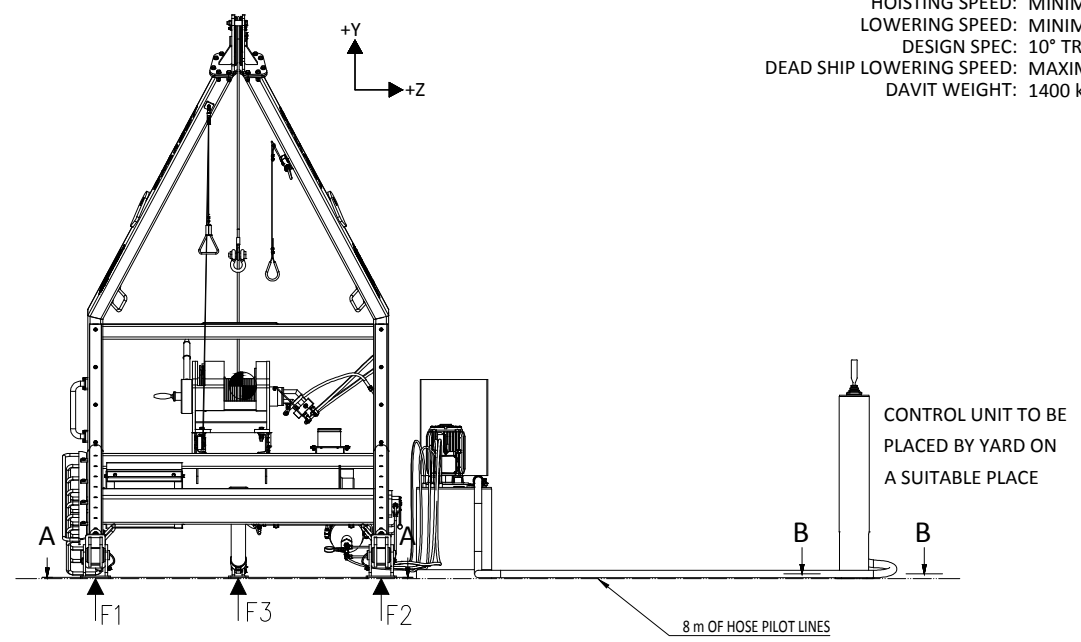
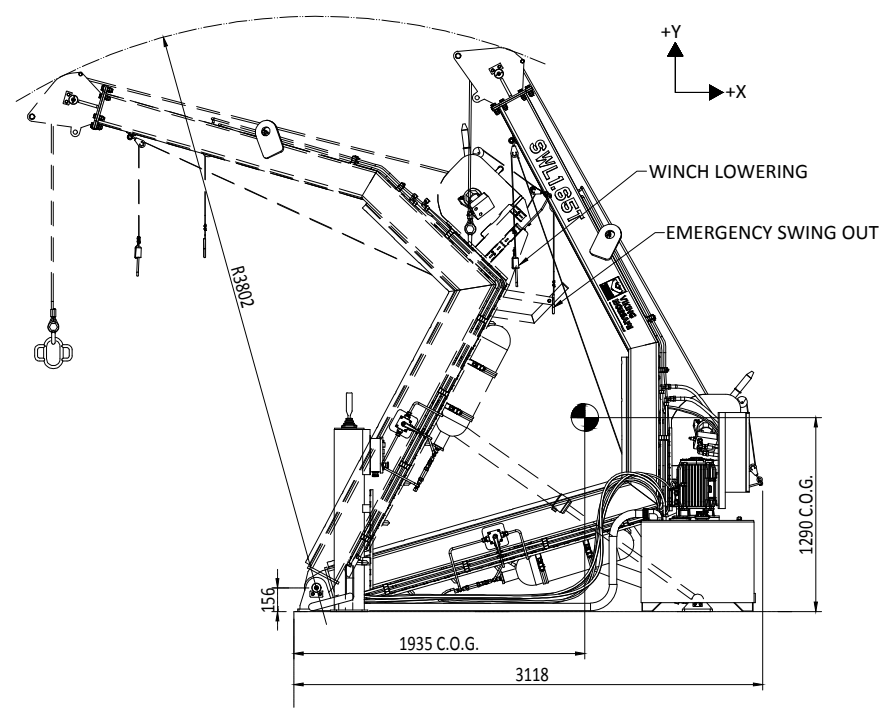


NDA-16 DAVIT
 SWL HOISTING: 1650 kg
 SWL LOWERING: 1650 kg
 HOISTING SPEED: MINIMUM 18 M/MIN
 LOWERING SPEED: MINIMUM 18 M/MIN
 DESIGN SPEC: 10° TRIM, 20° LIST SIMULTANOUSLY
 DEAD SHIP LOWERING SPEED: MAXIMUM 60 M/MIN
 DAVIT WEIGHT: 1400 kg

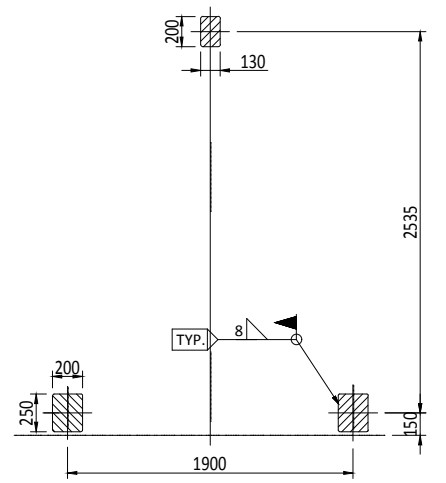


- NOTES:**
- EMBARKATION PLATFORMS, LADDERS ETC.: YARD SUPPLY.
 - LOCATION OF HYDRAULIC POWER UNIT TO BE DECIDED BY YARD.
 - NORSAFE DELIVER 4m HOSES FOR CONNECTION BETWEEN DAVIT AND HPU. HYDRAULIC PIPING BETWEEN HPU AND DAVIT IS YARD SUPPLY.
 - CONNECTION OF MAIN POWER SUPPLY TO EL. CABINET IS YARD SUPPLY.
 - ALL FIELD WELDS TO BE PERFORMED ACC. TO APPROVED WPS. (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPROVAL PRIOR TO START WELDING.
 - FOR WINTERIZATION / ARCTIC AREAS OPERATION STEEL TO BE WITH CHARPY TESTING AT -20 DEGREES. HPU TO BE EQUIPPED WITH OIL SUMP HEATER.

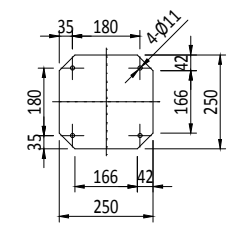
FORCES IN DECK (POINT LOAD EACH SIDE):
 FOR ORIENTATION OF FORCES, SEE LEGEND ON DRAWING

NDA-16 Davit Reaction Forces in Deck							
Nodes	Force			Moment			
	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)	
F1 / F2	MAX.	36	28	3	3	2	2
	MIN.	-11	-3	-6	-4	-1	-6
F3	MAX.	28	27	0	0	0	6
	MIN.	-76	-17	0	0	0	-2

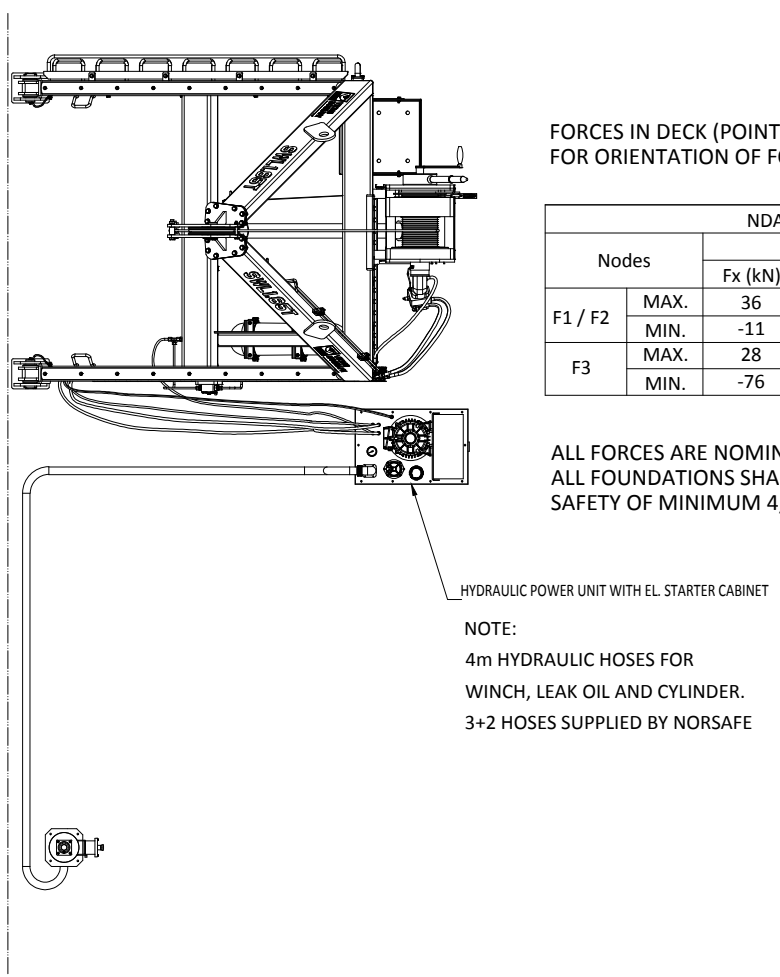
ALL FORCES ARE NOMINAL FORCES WITHOUT ANY SAFETY FACTORS.
 ALL FOUNDATIONS SHALL BE DESIGNED WITH A FACTOR OF SAFETY OF MINIMUM 4,5.



A-A (1:25)
INTERFACE FOOT PRINTS IN DECK



B-B (1:10)
FOOT PRINT



HYDRAULIC POWER UNIT WITH EL. STARTER CABINET

NOTE:
 4m HYDRAULIC HOSES FOR WINCH, LEAK OIL AND CYLINDER.
 3+2 HOSES SUPPLIED BY NORSAFE

1	Re-issued for approval	CENI	GACA	WAGU	17.06.2019
0	Issued for construction	GACA	ALJI	WAGU	18.04.2014
REV	DESCRIPTION	BY	CHECK	APPRO	DATE

REVISION HISTORY

VIKING NORSAFE

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DWG SIZE: A3	SCALE: 1:50	COPY OF:	PART NO.	WEIGHT:	SHEET: 1/1
CLIENT NO:	PROJECTION METHOD:	NDA-16 Rescue Boat Davit			
TOLERANCES: ISO 2768-mk, ISO 13920-BF	REVISION: 1	General Arrangement			
DWG No: G-500292	PROJECT:				