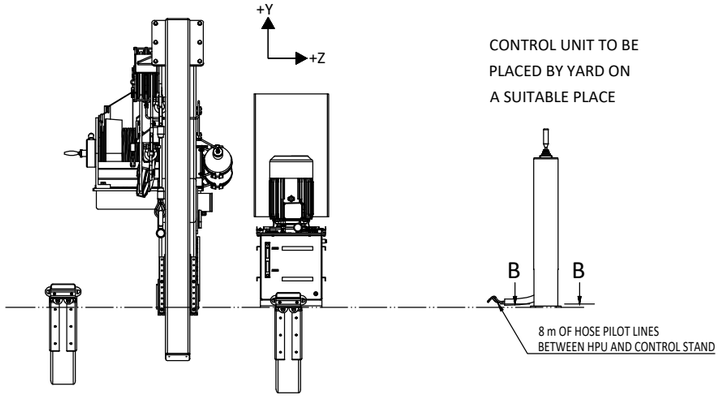
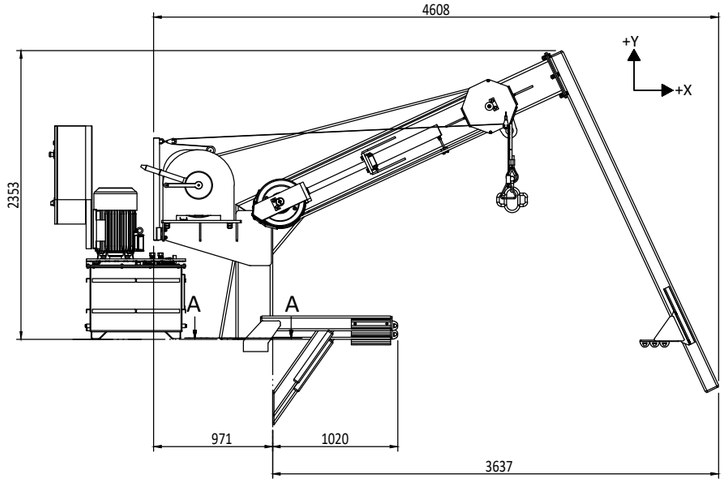


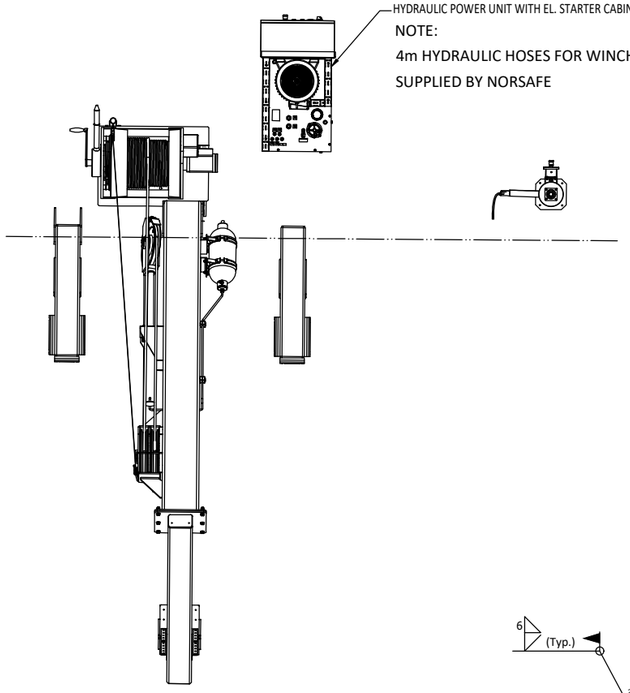
CONTROL UNIT TO BE
PLACED BY YARD ON
A SUITABLE PLACE



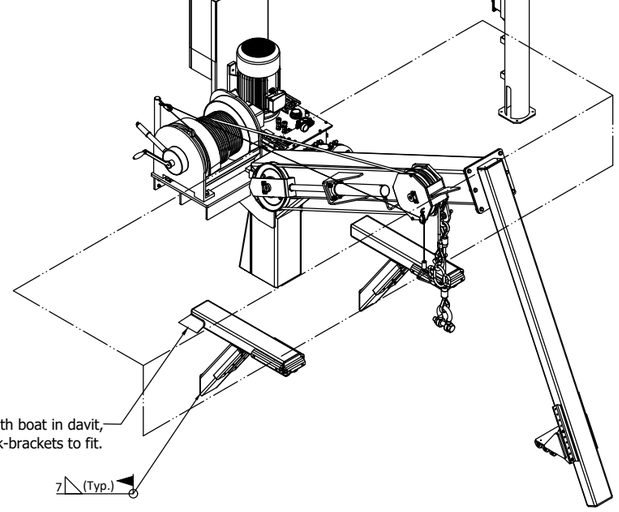
NDC-40 RESCUE BOAT DAVIT

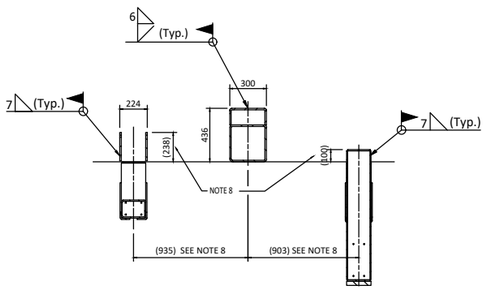
SWL: 2800kg - 4000kg (Depends on boat weight)
WINCH TYPE: ZOLLERN ZR 4.15 OR ZR 4.20
HOISTING SPEED: MINIMUM 18 M/MIN (SOLAS)
LOWERING SPEED: MINIMUM 18 M/MIN (SOLAS)
DESIGN SPEC: 20° TRIM, 20° LIST SIMULTANOUSLY
DEAD SHIP LOWERING SPEED: MAXIMUM 60 M/MIN (BY GRAVITY)

Reaction forces on deck (for orientation of forces, see legend on drawing).						
Deck support davit	ForceX (kN)	ForceY (kN)	ForceZ (kN)	MomX (kNm)	MomY (kNm)	MomZ (kNm)
	±20.1	−58.9	±20.1	±40.0	±28.6	103.0
All forces are nominal forces without any factors. All foundation shall be designed with a safety factor of minimum 4,5						

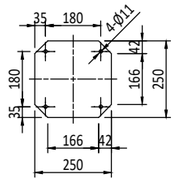


NOTE:
4m HYDRAULIC HOSES FOR WINCH
SUPPLIED BY NORSAFE





INTERFACE FOOT PRINTS IN DECK
A-A (1 : 20)



FOOT PRINT
B-B (1 : 10)

NOTES:
1. ACCESS PLATFORMS, HANDRAILING, DOUBLE PLATES ETC.: YARD SUPPLY.
2. ELECTRIC WIRING BY YARD.
3. FIELD WELDS TO BE WELDED BY YARD ARE SHOWN BY ⚑.
4. ALL FIELD WELDS TO BE PERFORMED ACC.TO APPROVED WPS. (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPROVAL PRIOR TO START WELDING.
5. THE SWL FOR THE DAVIT WILL BE ADJUSTED TO SUIT THE BOAT FOR EACH DELIVERY.
6. HYDRAULIC HOSES FROM HPU TO WINCH MUST BE FASTENED BY YARD.
7. LOCATION OF HPU AND CONTROL STAND TO BE DECIDED BY YARD.
8. LOCATION OF BOAT SUPPORTS TO BE ADJUSTED TO SUIT THE BOAT TYPE FOR EACH DELIVERY.

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
4	Removed regulation NMA 90	GACA	JOZH	WAGU	11.07.2018
3	Updated design spec. 10° trim to 20° trim; Updated reaction forces on deck	GACA	ALJI	WAGU	02.03.2018
2	Corrected to NMA 90 from NMD 853	GACA	ALJI	WAGU	11.02.2018
1	Corrected coordinate system	GACA	ALJI	WAGU	25.09.2015

REVISION HISTORY

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Drawn by	Check by	Appr. by	Initial release date
GACA	ALJI	WAGU	18.08.2015

Project number | Project name | Client number

Title: NDC-40 Rescue Boat Davit

Material Number

Weight: N/A

Projection method

Drawing type	Tolerances	Scale	Sheet Size
GA	ISO 2768-mK, ISO 13920-BF	1:50	A3
Drawing Number: G-500981		Revision: 4	Sheet No.: 1/1