

- NOTES:
- ACCESS PLATFORMS & BOARDING, WALK WAYS, STAIRS & HANDRAILINGS, DOUBLER PLATES, ETC.: YARD SUPPLY - TO BE FINALIZED DURING LIFEBOAT INSTALLATION.
  - ELECTRIC WIRING BY YARD.
  - FIELD WELDS TO BE WELDED BY YARD ARE SHOWN BY FLAG.
  - ALL FIELD WELDS TO BE PERFORMED ACC. TO APPROVED WPS. (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPROVAL PRIOR TO START WELDING.
  - ALL STRUCTURAL STEEL TO BE S355, Q345B/D, S235 AND Q235. OUTFITTING STEEL TO BE S235, Q235 OR EQUIVALENT.
  - FOR WINTERIZATION / ARCTIC AREAS OPERATION STEEL TO BE Q345D/S355 WITH CHARPY TESTING AT -20 DEGREES.
  - WIRE LENGTHS: WIRE AFT -  $\phi 18$  : 23 m + 2 x (H + H1)  
WIRE FWD -  $\phi 18$  : 28 m + 2 x (H + H1)  
REMOTE LOWERING WIRE - DECK WIRE -  $\phi 3$  : 14,5 m  
BOAT WIRE -  $\phi 3$  : 16 m + (H + H1)  
H = HEIGHT FROM STOWAGE TO L.W.L.  
H1 = ADDITIONAL HEIGHT DUE TO LIST AND TRIM CONDITIONS, UNLESS OTHERWISE AGREED.
  - FOR LOCATION OF HATCHES, HOOKS AND OTHER BOAT DETAILS SEE BOAT DRAWINGS.
  - C.O.G. - CENTER OF GRAVITY (DAVIT WITH LIFEBOAT)

E - 90 LIFE BOAT DAVIT

SWL HOISTING: 90 kN  
SWL LOWERING: 90 kN  
HOISTING SPEED: APPROX 5 m/min  
DESIGN SPEC SOLAS: 10° TRIM, 20° LIST SIMULTANEOUSLY  
DEAD SHIP LOWERING SPEED: MAXIMUM 60 m/min

DAVIT WEIGHT INCLUDE NW85 WINCH: 7900 KG

2	Reissued for approval	MISO	ALJI	WAGU	26.06.2019
1	Add greasing points	ALJI	GACA	WAGU	28.01.2016
0	Issued for construction	ALJI	GACA	WAGU	06.03.2014
REV	DESCRIPTION	BY	CHECK	APPRO	DATE

REVISION HISTORY

**VIKING NORSAFE**

VIKING NORSAFE Life-Saving Equipment Norway AS  
P.O. Box 115  
4852 Færvik  
NORWAY

Tel: +47 37 05 85 00  
Fax: +47 37 05 85 01  
24/7 Service: +47 37 05 63 33  
Email: viking@viking-life.com

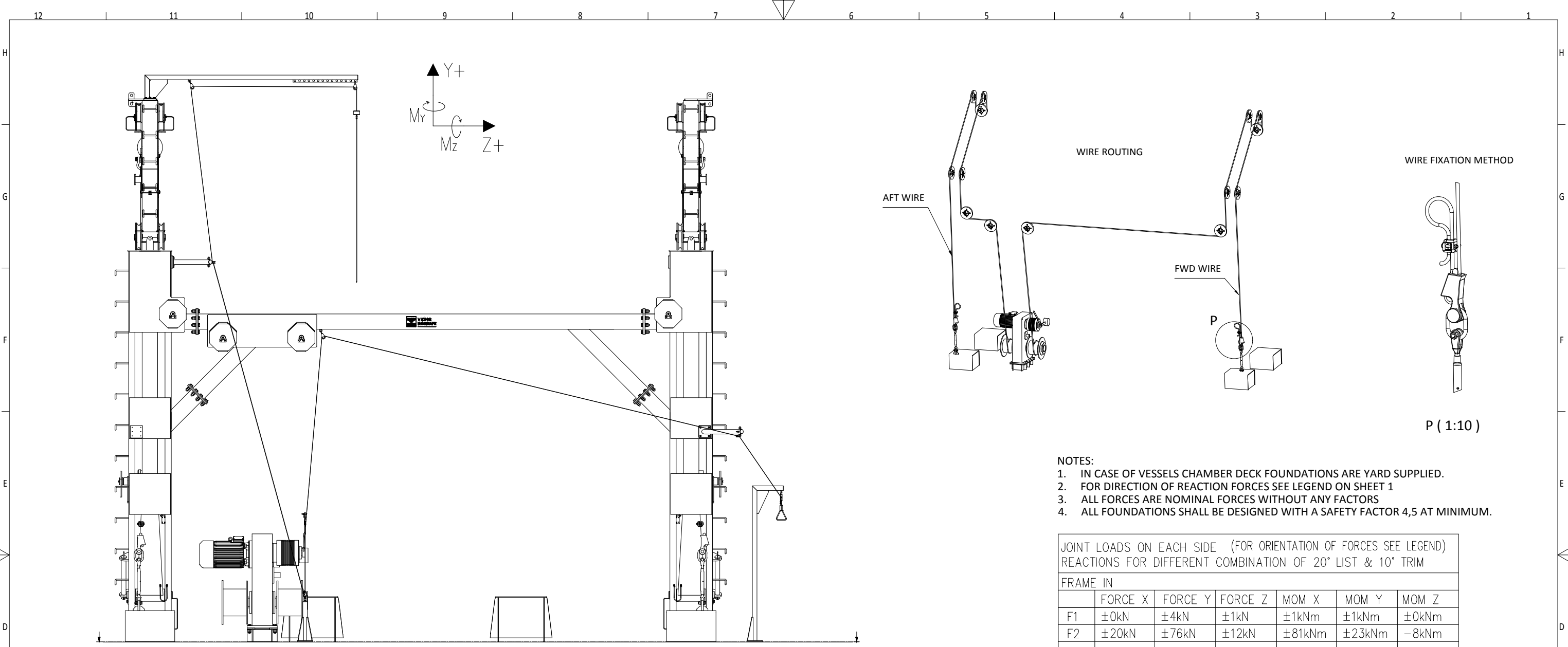
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DWG SIZE: A3 SCALE: 1:25 COPY OF: PROJECTION METHOD:

CLIENT NO.: TOLERANCES: ISO 2768-mk, ISO 13920-BF DWG No.: G-500443 REVISION: 2 PROJECT: SHEET: 1/2

E-90 General Arrangement with Lifeboat Type JYN74

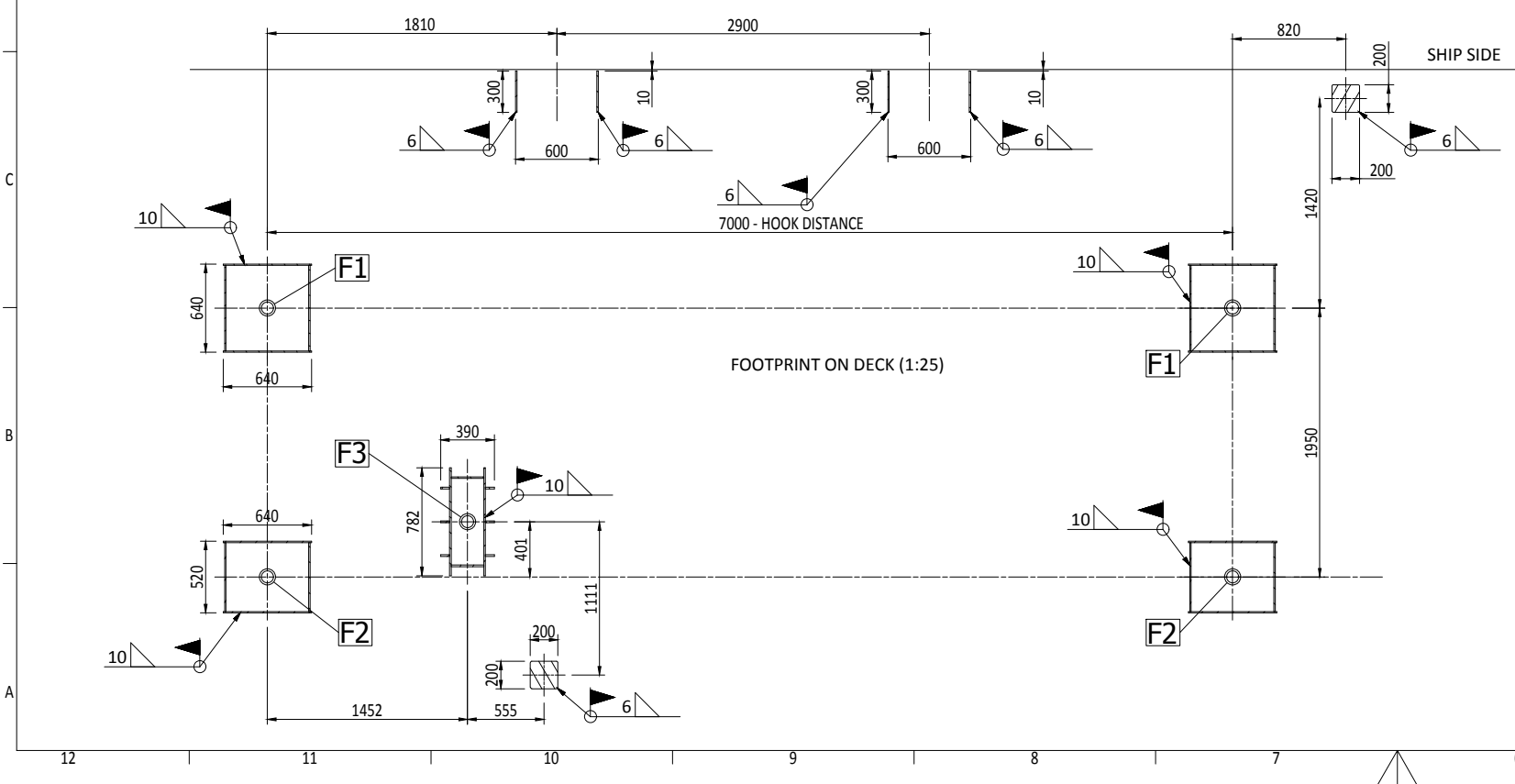
General Arrangement



- NOTES:**
1. IN CASE OF VESSELS CHAMBER DECK FOUNDATIONS ARE YARD SUPPLIED.
  2. FOR DIRECTION OF REACTION FORCES SEE LEGEND ON SHEET 1
  3. ALL FORCES ARE NOMINAL FORCES WITHOUT ANY FACTORS
  4. ALL FOUNDATIONS SHALL BE DESIGNED WITH A SAFETY FACTOR 4,5 AT MINIMUM.

JOINT LOADS ON EACH SIDE (FOR ORIENTATION OF FORCES SEE LEGEND)  
 REACTIONS FOR DIFFERENT COMBINATION OF 20° LIST & 10° TRIM

FRAME IN						
	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
F1	±0kN	±4kN	±1kN	±1kNm	±1kNm	±0kNm
F2	±20kN	±76kN	±12kN	±81kNm	±23kNm	-8kNm
F3	±9kN	±44kN	±0kN	±0kNm	±0kNm	±25kNm
FRAME OUT						
	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
F1	±121kN	±248kN	±19kN	±37kNm	±26kNm	±31kNm
F2	±147kN	±176kN	±7kN	±2kNm	±6kNm	-59kNm
F3	±9kN	±44kN	±0kN	±0kNm	±0kNm	±25kNm



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VIKING Norsafe Life-Saving Equipment Norway AS  
 P.O. Box 115  
 4852 Færvik  
 NORWAY  
 Tel: +47 37 05 85 00  
 Fax: +47 37 05 85 01  
 24/7 Service: +47 37 05 63 33  
 Email: viking@viking-life.com

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DWG SIZE: A3	SCALE: 1:25	COPY OF:	PART NO.:	WEIGHT:	SHEET 2 / 2
CLIENT NO.:	PROJECTION METHOD:		E-90 General Arrangement with Lifeboat Type JYN74		
TOLERANCES: ISO 2768-mk, ISO 13920-BF	REVISION: 2		General Arrangement		
DWG No: G-500443	PROJECT:				