



SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS, RISKS NORMALLY ASSOCIATED WITH THE TYPE OF CONSTRUCTION WORK OR RELATED STRUCTURAL WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RISKS AND INFORMATION.

RISKS LISTED HERE ARE SIGNIFICANT, AND ASSOCIATED WITH THE CONSTRUCTION WORK OR RELATED STRUCTURAL WORK. FOR DESIGN RISK REGISTER SEE BAA.4001-DMC-L-1001

- THIS DRAWING CAN BE USED TO PREPARE FABRICATION AND SHOP DRAWINGS OF THE STEEL FRAMES.
- LIFTING WEIGHT APPROXIMATELY 25 TON, EXCLUDING SPUDLEGS.
- APPROXIMATE CENTER OF GRAVITY (C.G.G) IS INDICATED ON DRAWING.
- FINAL LIFTING WEIGHT AND C.G.G. NEEDS TO BE DETERMINED BASED ON LIFTING / LOAD TEST AFTER THE FRAME HAS BEEN FABRICATED.
- THE LIFTING FRAME DEVELOPED TO LIFT THE PERMANENT FRAMES IN POSITION NEED TO CONSIDER SUFFICIENT TOLERANCE ON CoG AND LIFTING WEIGHT, DURING VARIOUS TRANSPORT, ASSEMBLY AND CONSTRUCTION STAGES.
- FOR LIFTING OF STEEL FRAMES AND ELEMENTS LIFTING PLANS SHALL BE ESTABLISHED BASED ON APPROVED LIFTING METHODS.
- LIFTING POINTS INDICATED ARE ONLY FOR LIFTING A COMPLETE FRAME WITH A DEDICATED LIFTING FRAME.
- FOR LIFTING OF INCOMPLETE FRAMES OR INDIVIDUAL STEEL MEMBERS DEDICATED LIFTING PLANS NEED TO BE DEVELOPED.
- ONLY TYPICAL DETAILS HAVE BEEN CONSIDERED ON THE DESIGN DRAWINGS. DETAILS NEED TO BE FURTHER DEVELOPED BY STEEL FABRICATOR/SUPPLIER AND SEND TO BAA/DMC FOR REVIEW. AS RESULT OF THIS, FINAL DETAILS MAY DIFFER A BIT FROM THE ONES INDICATED ON THIS DRAWING.
- SUFFICIENT ATTENTION TO TOLERANCE ON CONNECTION DETAILS IS REQUIRED FOR ASSEMBLY OF THE FRAME IN POLAR CONDITIONS.
- FOLLOWING TEMPORARY WORKS DESIGN ITEMS ARE NOT SHOWN ON THIS DRAWING.
 - CONNECTION POINTS FOR HYDRAULICS ON OUTER PILE.
 - CONNECTION POINTS FOR TEMPORARY BRACES BETWEEN STEEL FRAMES.
- NO APPLICATION AND/OR MAINTENANCE OF COATING IS FORESEEN ON THE FRAME STRUCTURES. A CORROSION ALLOWANCE IS INCLUDED IN THE MATERIAL THICKNESSES.
- ALL STEEL ELEMENTS HAVE A DESIGN LIFE OF 25 YEARS. AFTER THIS PERIOD THE STRUCTURE NEEDS TO BE DISMANTLED OR THE REMAINING STRUCTURE INTEGRITY SHOULD BE RE-ASSESSED.

FOR METHOD STATEMENT FOR FABRICATION AND INSTALLATION OF FRAMES SEE BAA.4001-BAM-ZZ-ROT-MS-W-0006
FOR DESIGN - CONSTRUCTION INTERFACE REQUIREMENTS SEE CONSTRUCTION SPECIFICATION BAA.4001-DMC-S-1003

NOTES:

- ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE.
- ALL LEVELS IN m RELATIVE TO CD UNLESS NOTED OTHERWISE.
- STEEL GRADE S355J2 UNLESS NOTED OTHERWISE.

Client: BRITISH ANTARCTIC SURVEY	
Project: ROTHERA POINT WHARF UPGRADE	
Description: WHARF - FRAMES FRAME MODULE - FRONT - TYPE F3	
<p>Delta Marine Consultants</p> <p>H.J. Nederhorststraat 1 2801 SC Goosda The Netherlands P.O. Box 268 2800 AG Goosda +31 302 399 610 www.dmc.nl / dmc@dmc.nl</p>	<p>Scale: 1:50</p> <p>Author: MSG / SSK</p> <p>Check: MKE</p> <p>Released: MEIJ</p> <p>Drawing number: BAA.4001-DMC-D-1033-004</p> <p>BAM Drawing number:</p>
<p>Status: FOR CONSTRUCTION</p> <p>Revision: C01 Suitability: A Date: 17/08/18</p>	