



REFERENCE PLANS:

No.	Dwg No.	DESCRIPTION

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS NOTED OTHERWISE.

2. ALL NEW PLATE AND SHAPES TO BE MINIMUM LLOYDS GRADE A OR EQUIVALENT. NEW STEELWORK SHALL BE FREE OF RUST, SCALE, DIRT AND GREASE, AND GIVEN TWO COATS OF SUITABLE SHOP PRIMER. FINISH COATINGS SHAL LBE TO OWNER'S SPECIFICATION.

3. ANY EXISTING PAINTWORK AND/OR STEELWORK DAMAGED BY BURNING OR WELDING SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AND REPAINTED UTILIZING A SYSTEM COMPATIBLE WITH THE SHIP'S EXISTING PAINT SYSTEM.

4. *ALL DIMENSIONS TO BE CHECKED/VERIFIED AT SHIP PRIOR TO FABRICATION OF ANY NEW COMPONENTS.

5. ALL WELDING TO BE 1/2" DOUBLE CONTINUOUS FILLET UNLESS NOTED OTHERWISE.

6. ALL SCALLOPS TO BE 1" RAD. U.N.O.

7. CRANE IS SHOWN ON SEAT FOR PURPOSES OF CLARITY; FINAL ORIENTATION OF CRANE IS TO BE DETERMINED AT INSTALLATION.

HEILA HLM 16/2S MARINE CRANE DATA

1. CRANE WEIGHT IS 2070 KG (4554 LBS.)
MAX. BENDING MOMENT M = 310,000 Nm
MAX. AXIAL FORCE N = 80,000 Nm
MAX. SLEWING TORQUE C = 16,000 Nm

LIFTING CAPACITY AT 9.0m RAD = 1,600 KG.
LIFTING CAPACITY AT 2.8m RAD = 5,720 KG.

CRANE IS CAPABLE OF 390 DEGREES CONTINUOUS ROTATION

Rev	Date	By	Remarks

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Title: C.C.G.S. LOUIS S. ST. LAURENT
FOUNDATION FOR HEILA
HLM 16/2S DECK CRANE (PORT)

Drawn By: DC
Checked By: MF

Date: 15/06/15
Scale: As Noted
Rev: 0

Client
Class
Flag

Approval/Rev
DWG NO:
J15020-S03

Sheet No: 1 of 1

WELDING AND ALIGNMENT TO THE SURVEYOR'S SATISFACTION

EXAMINED

EXAMINED on behalf of Transport Canada, Marine Safety for compliance with the applicable Transport Canada Marine Safety Regulations & subject to any amendments or comments stated in the supporting document(s)

Date: 27 March 2016 Initials: ZS

Marine, Toronto Office

Lloyd's Register Canada Limited

EXAMINED

This plan has been examined and given the status as shown in the Design Appraisal Document (DAD) number below:

ATS/4306049/H/01

Date: 27 March 2016 Initials: ZS

Marine, Toronto Office

Lloyd's Register Canada Limited