



COLD ROOM ARRANGEMENT
MAIN DECK
WOOD STRUCTURE AND OUTFITTING

LIST OF MATERIALS		
MATERIAL	DESCRIPTION	AREA
VINYL FLOOR COVERING	FORBO, ETERNAL STEP, 2mm THICKNESS, COLOR: TO BE DETERMINED BY THE C.C.G.	FLOOR AND WALL OVERLAP
VINYL FLOOR COVERING ADHESIVE	FORBO, ADHESIVE VBBS FOR WOOD SURFACES, STEEL AND CONCRETE	FLOOR AND WALL OVERLAP
SUPPORTING STRIP	SUPPORTING STRIP, 'FORBO'	WALL OVERLAP
LEVELING CONCRETE	LEVELING CONCRETE, TYPE BONDEX NON SELF-LEVELING	FLOOR
PLYWOOD 18.0mm	RUSSIAN PLYWOOD, THICKNESS: 18.0mm	WALLS AND CEILING
PLYWOOD 25.0mm	RUSSIAN PLYWOOD, THICKNESS: 25.0mm	FLOOR
WOOD 51x76 (2"x3")	TREATED WOOD AGAINST MOLD, 51x76 (2"x3")	FLOOR, WALLS AND CEILING
WOOD 51x102 (2"x4")	TREATED WOOD AGAINST MOLD, 51x102 (2"x4")	WALLS AND CEILING
WOOD 51x152 (2"x6")	TREATED WOOD AGAINST MOLD, 51x152 (2"x6")	FLOOR, WALLS AND CEILING
STAINLESS STEEL SHEET GAUGE 20	316 STAINLESS STEEL SHEET GAUGE 20	CEILING, WALLS AND DOOR FRAME
STAINLESS STEEL SHEET GAUGE 16	316 STAINLESS STEEL SHEET GAUGE 16	DOOR SILL
BUND RIVET	BUND RIVET, #8, STAINLESS STEEL	STAINLESS STEEL
STAINLESS STEEL ANGLE BAR 100x100x6.35 (4"x4"x1/4")	316 STAINLESS STEEL ANGLE BAR 100x100x6.35 (4"x4"x1/4")	STORAGE SHELF BASE
STAINLESS STEEL ANGLE BAR 64x64x6.35 (2 1/2"x2 1/2"x1/4")	316 STAINLESS STEEL ANGLE BAR 64x64x6.35 (2 1/2"x2 1/2"x1/4")	STORAGE SHELF LEGS
BOLT	HEXAGONAL BOLT #9.5x51, GRADE 8 STEEL, ZINC PLATED, FULLY FILLETED	WOOD/STEEL STRUCTURE
NUT	HEXAGONAL NUT FOR BOLT #9.5, STEEL GRADE 8, ZINC PLATED	WOOD/STEEL STRUCTURE
WASHER	WASHER FOR BOLT #9.5, STEEL GRADE 8, ZINC PLATED	WOOD/STEEL STRUCTURE
LOCK WASHER	LOCK WASHER FOR BOLT #9.5, STEEL GRADE 8, ZINC PLATED	WOOD/STEEL STRUCTURE
SCREW 2"	SCREW FOR TREATED WOOD, FLAT HEAD, NO.8, LENGTH: 2"	WOOD/STEEL STRUCTURE
SCREW 1 1/2"	SCREW FOR TREATED WOOD, FLAT HEAD, NO.8, LENGTH: 1 1/2"	WOOD STRUCTURE, WALLS AND CEILING
GLUE	CONSTRUCTION GLUE, TYPE SIKKA BOND	WOOD STRUCTURE AND STAINLESS STEEL SHEETS
STEEL PLATE 9.5mm	STEEL PLATE LLOYD'S GRADE 'A', 9.5mm THICKNESS	FLOOR DRAIN
FLOOR DRAIN	M.F.A.B. MODEL: F1100-FC, #75mm, A1 BODY.	FLOOR DRAIN
SPRAY FOAM INSULATION	POLYURETHANE SPRAY FOAM, ARMETIC SOYA (DEMILEC)	WALLS, CEILING AND FLOOR INSULATION

REFERENCES

NO.	DWG #	DESCRIPTION
1	F3756-11FM349	TRAVAUX SUPPLEMENTAIRES
2	F1100-FC	FLOOR DRAIN WITH SURFACE MEMBRANE CLAMP
3	F3756-11FM304	SYSTEME D'ETAGERE POUR CONGELATEUR

GENERAL NOTE:

THIS DOCUMENT IS THE ENGLISH VERSION OF THE MAIN DRAWING C12-37-600-01-R1 - ISOLATION CONGELATEUR DOMESTIQUE.dwg. IF INFORMATION BETWEEN THE TWO DOCUMENTS DOES NOT TIE IN, THE DOCUMENT C12-37-600-01-R1 - ISOLATION CONGELATEUR DOMESTIQUE.dwg SHALL PREVAIL.

NOTES:

- A POLYURETHANE SPRAY FOAM (ARMETIC SOYA) MUST BE APPLIED BETWEEN THE SHIP STEEL STRUCTURE AND THE PLYWOOD. THE INSULATION MUST BE FREE OF ANY AIR POCKET BETWEEN THE SHIP STEEL STRUCTURE AND THE WOOD STRUCTURE.
- THE SPRAY FOAM INSULATION MUST BE APPLIED BY A CONTRACTOR WHO HOLDS A VALID LICENSE PROGRAM QUALITY ASSURANCE OF CUFCA (Canadian Urethane Foam Contractors Inc).
- THE WALLS AND THE CEILING MUST BE COVERED BY A STAINLESS STEEL SHEETING GAUGE 20, FASTENED WITH BUND RIVETS. ALL SHEET JOINTS MUST BE RIVETED AND GLUED WITH AN ADHESIVE SUITABLE FOR STAINLESS STEEL.
- THE COLD ROOM FLOOR AND CENTRAL STORAGE SHELVES BASE SHALL BE COVERED BY A VINYL FLOOR COVERING 'FORBO' BRAND WITH A WALL OVERLAP OF A MINIMUM OF 500mm WITHOUT ANY HORIZONTAL JOINT.
- ALL VINYL FLOOR COVERING JOINTS MUST BE HEAT-WELDED AS PER MANUFACTURER RECOMMENDATIONS.
- THE INSTALLATION OF THE VINYL FLOOR COVERING MUST BE DONE BY A CONTRACTOR CERTIFIED BY THE MANUFACTURER ('FORBO').
- IN THESE AREAS, SPECIAL ATTENTION SHOULD BE GIVEN WHEN INSTALLING INSULATION AND WOOD STRUCTURE TO PROTECT THE INTEGRITY OF THE BULKHEAD PENETRATIONS AND FACILITATE THE CONNECTION WITH REFRIGERATION EQUIPMENTS.
- STORAGE SHELVES, REFRIGERATION AND LIGHTING EQUIPMENTS MUST BE SECURED PROPERLY TO AVOID MOVEMENT DURING THE SHIP'S OPERATIONS.
- THE ORIGINAL LIGHTING SYSTEM IS TO BE INSTALLED IN THE COLD ROOM.
- THE WOOD STRUCTURE MUST BE GLUED AND SCREWED.
- THE FINAL INTERIOR DIMENSIONS OF THE ROOM DEPEND ON THE SELECTION OF THE MATERIAL AND THE ASSEMBLY PRECISION.
- THE SECURING OF THE STORAGE SHELVES MUST BE DONE USING THE SCREWED BRACKETS PROVIDED BY THE C.C.G. THE STORAGE SHELVES LEGS IN WAY OF BASE SHALL BE SUPPORTED BY HOLDER BUILT BY THE CONTRACTOR, SEE DETAIL 2-05 AND 3-06. THE HOLDERS ARE LAID ON THE FLOOR ONLY AND NOT SCREWED.
- A LEVELING CONCRETE MUST BE APPLIED ON THE FLOOR BEFORE THE INSTALLATION OF THE VINYL FLOOR COVERING. THE LEVELING CONCRETE IS USED TO PROVIDED A SMOOTH AND EVEN SURFACE FOR THE INSTALLATION OF FLOOR COVERING AS SPECIFIED BY THE MANUFACTURER ('FORBO').
- ALL THE BOLTING ATTACHMENTS BETWEEN THE WOOD AND STEEL MUST CONSIST OF : BOLT, WASHER, LOCKWASHER AND A NUT.
- ALL JUNCTION OF PLYWOOD MUST LIE UP WITH A WOOD SILL OR BEAM.
- RUSSIAN PLYWOOD MUST BE SCREWED AT EVERY 300mm WITH NO.8x2" SCREW FOR THE FLOOR AND WITH NO.8x1 1/2" SCREW FOR THE WALLS AND CEILING.
- THE OPERATING TEMPERATURE OF THE COLD ROOM IS -21°C.

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PROJET/PROJECT: **CCGS AMUNDSEN**

TITRE/TITLE: **COLD ROOM INSULATION INSTALLATION PLAN**

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