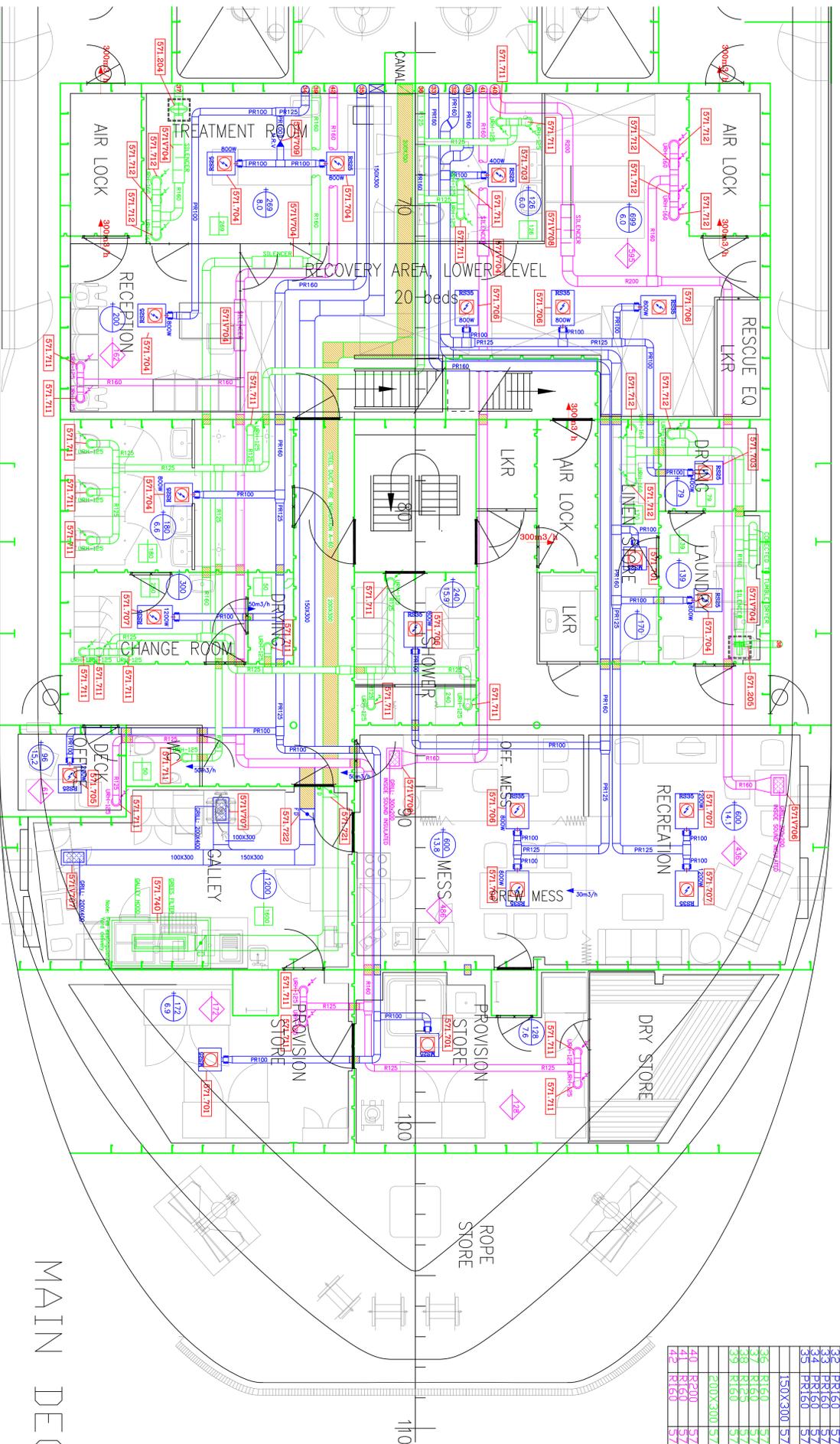


NR.	DIM	SYSTEM/R3/H	FUNCTION	DECK
31	PR150	5211001	904m ³ /h SUPPLY	MAIN DECK
32	PR150	5211001	905m ³ /h SUPPLY	MAIN DECK
33	PR150	5211001	840m ³ /h SUPPLY	MAIN DECK
34	PR150	5211001	469m ³ /h SUPPLY	MAIN DECK
35	PR150	5211001	876m ³ /h SUPPLY	MAIN DECK
150X300	5211002	11200m ³ /h SUPPLY	MAIN DECK	
36	RI150	5211203	356m ³ /h EXHAUST	MAIN DECK
37	RI150	5211204	489m ³ /h EXHAUST	MAIN DECK
38	RI150	5211205	540m ³ /h EXHAUST	MAIN DECK
39	RI150	5211206	540m ³ /h EXHAUST	MAIN DECK
200X300	5211207	11600m ³ /h EXHAUST	MAIN DECK	
40	RI200	5211201	1031m ³ /h RETURN	MAIN DECK
41	RI200	5211201	455m ³ /h RETURN	MAIN DECK
42	RI150	5211201	542m ³ /h RETURN	MAIN DECK

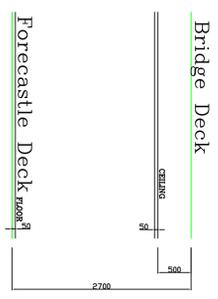


LEGEND

- AIR FLOW m³/h EXHAUST AIR
- AIR CHANGES PER HOUR AIR FLOW m³/h RECIRCULATED AIR
- AIR FLOW m³/h AIR CHANGES PER HOUR SUPPLY AIR
- AIR THROUGH DOORS 5 §3 / Solas Regulation 47 BY Pt.C Ch.5 Section 5 §6.4.1 DIM Ø100
- URH-100 : EXHAUST/SUPPLY VALVE, DIM Ø100
- URH-125 : EXHAUST/SUPPLY VALVE, DIM Ø125
- URH-160 : EXHAUST/SUPPLY VALVE, DIM Ø160
- URH-200 : EXHAUST/SUPPLY VALVE, DIM Ø200
- SUPPLY CABINET - MS25
- SUPPLY CABINET - RS25 - WITH EL REHEATER
- SUPPLY CABINET - MS35
- SUPPLY CABINET - RS35 - WITH EL REHEATER
- FLEXIBLE HOSE TO CABIN UNITS, MAX LENGTH 300mm
- EXHAUST/RETURN AIR GRILL - 50mm INSIDE SOUND INSULATED THIS IS YARDS DELIVERY

- UP - STEEL PENETRATION
- DOWN - STEEL PENETRATION
- STEEL PENETRATION (L=200mm)
- STEEL PENETRATION (L=900mm)
- SILENCER
- EL-HEATER
- REGULATING DAMPER
- NON RETURN VALVE
- FIRE DAMPER
- CLOSING DAMPER

NOTE:
 STEEL PENETRATION < 0.02m²
 BY Pt.C Ch.4 Section 5 §6.4.1 (L=900mm)
 SOLAS II-2/Regulation 9.7.7
 STEEL PENETRATION > 0.02m² - 0.075m²
 BY Pt.C Ch.4 Section 5 §6.4.3 (L=900mm)
 SOLAS II-2/Regulation 9.7.7
 GRILL IN DOORS <=0.05m²
 SOLAS REGULATION 47
 200X250 (0.05M²) MARKS AIR FLOW 350m³/h, 194m³/s
 ALL EXHAUST AND RETURN AIR DUCTS TO HAVE
 REG. DAMPER IN AC-ROOM.



Spine duct, pre-insulated	Spine duct, un-insulated																								
<table border="1"> <tr><td>PR160</td><td>160</td><td>180</td><td>180</td></tr> <tr><td>PR125</td><td>120</td><td>138</td><td>128</td></tr> <tr><td>PR100</td><td>100</td><td>112</td><td>100</td></tr> </table>	PR160	160	180	180	PR125	120	138	128	PR100	100	112	100	<table border="1"> <tr><td>RI160</td><td>160</td><td>180</td><td>180</td></tr> <tr><td>RI125</td><td>120</td><td>138</td><td>128</td></tr> <tr><td>RI100</td><td>100</td><td>112</td><td>100</td></tr> </table>	RI160	160	180	180	RI125	120	138	128	RI100	100	112	100
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RI125	120	138	128																						
RI100	100	112	100																						

REV	REVISION TEXT	CHECKED	DATE
A	ISSUED FOR CONSTRUCTION	K.B	01.09.09

NOVENCO	BRATIA	SCALE	1:50	PLANNING NUMBER	740-571-010	ORDER NO.	31186
Title: Design, layout of		Scale: 1:50		First issued: 29.06.09		Rev. 740	
Date: 29.06.09		Author: A.I		Checked: D.S.		Rev. 740	
Drawn: A.I		Checked: K.B.		Rev. D		Rev. D	