Sheet Number	Sheet Name					
1	General data					
2	Foundament plan					
3	1sf floor plan					
4	1sf floor wall anchoring plan					
5	Section A-A					
6	Section B-B					
7	Section C-C					
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11	Constructions sections					
12	Window&Door specification					
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16	Window&Door detail					
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1.1 In this drawing complect is developed one storey building.

- In drawing complect are given:
 external wall and internal wall pull up panel montage scheme;
- pull up panel main montage joints;
- pull up panel layouts.
- 1.2 External wall construction is made of seperate pull up panels.
- 1.3 Following loads are taken in consideration when designeing panels:
- dead weight according to materials used in panels;
- live load 90 kg/m2;
- snow load 240 kg/m2;
- wind loads on wall 220kg/m2 (36.6m/s)
- 1.4 Wall plates (lower purlin) fastening regulations:
- 1.4.1 Foundation wall plate (building lower purlin) have to be fastened to foundation with neylon dowel above

hidroinsulation in drilled holes. ND nylon dowel - 10x130mm with step 300 mm.

1.4.2 Foundation concrete strength have to be no less than 90% B 15 cl. concrete.

1.4.3 After first floor panel montage, they have to be fastened to wall plates with smooth nails d=3,1, l=90. Nail distance

form plugs+screwes > than 15 d, with step 600.

- 1. 5 Quality regulations for foundation according to EUROCODE:
 - Deflection type Allowed deflection, mm
 - 1. Horizontal plane for 1 m in all directions 5
 - 2. The same in plane for all building 10
 - 3. Hight mark deflection for wood panels foundation plane +/- 5
 - 4. Panel support place hight deflection 2
 - 5. Plugs+screwe deflection in plane 5

2) USED MATERIALS:

2.1) For load barring wood construction manufacturing, conifer (pine/spruce) wood is used. Strength index have to be

2.sort wood (C24).

2.2) Wall pull up panels are made of wood carcase together with heat insulation in cavities.

2.3) See material specification at material specification on detail drawing lists of panels.

3) MONTAGE REGULATION:

3.1) In case of load bearring elements and engenier comunication interference between them self coordinate changes with this project authors.

3.2) Pull up wall panels are fastened to ribbon like concrete foundation through wall plates. Wall plates have to be processed with antiseptic protection substances. Between wall plates and foundation has to be a hidroinsulation. 3.3) Pullup wall panels are fastened to foundation with screwes and nails conections.

3.4) Montage joints construction tolerance after mounting have to be filled up with foam makeing materials.

4) CONSTRUCTION PROCESSING:

4.1) All, n montage time opened pull up panels opening surfaces, have to be processed with antiseptics.

5) PANEL TRANSPORTATION:

Before giving panels to customer, the stiffnes and stability has to be provided during transportation and montage time, by making temporary fastenings in all unfiled openings and plates in uncovered areas

Notation	Lable	Notes		
EUROCODE 0	Basis of structural design			
EUROCODE 1	Action of structures			
EUROCODE 3	Design of steel structures			
EUROCODE 5	Design of timber structures			

Reference and enclosed document list

		Customer:	Project nr:	162A
Proj Manager: Proj. Resp. Eng: Proj. Eng/Dsg;	A.Murăns J.Kajva	Object: Hrauntrod 10	Lable: Revision:	ВК
DEWE		Sheet name: General data	Sheet nr: Scale: Date:	1 :100.00
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