



2000



2007

Shelter in Northern Caucasus



Life conditions in Collective Centers



Operational UNHCR activities in NC

Individual houses construction

“turn-key” & “self-help” shelter programmes
in Ingushetia & North Ossetia

“Roof + One-Dry-Room” programme

“self-help” individual houses rehabilitation in Chechnya

“Box Tents” production & distribution

temporary shelter

Collective Centre maintenance

micro shelter projects : emergency measures

“QIPs” (Quick Impact Projects)

small income generation projects

Operational UNHCR activities in NC

Individual houses construction

“turn-key” & “self-help” shelter programmes
in Ingushetia & North Ossetia



**UNHCR Shelter Programmes in RNOA
2000 - 2006**

266 individual houses

(254 “turn-key” + 12 “self-help”)



Komsomolskoye 2001 - 2002

86 houses

“turn-key”; 2 types of houses

Dimension 36 m²

Costs per unit RUB 157,400 - 220,000



Tsalyk 2003 - 2005
110 houses
“turn-key”; 1 type of house
Dimension 36 m²
Costs per unit RUB 141,637



Krasnogor 2006

7 houses

“turn-key”; RUS48 standard house

Dimension 48 m²

Costs per unit RUB 370,000



Shelter Programme RNOA 2005
Implementing partner : DRC

Shelter Programme RNOA 2005

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DuSo for CC Krasnogor residents

7 houses “turn-key” + 12 houses “self-help”
= 19 houses

2 types of houses

Dimensions 42 m² & 56 m²

Costs per unit :

“turn-key” RUB 277,202 (42 m²) - 307,205 (56 m²)

“self-help” RUB 159,422 (42 m²) - 189,875 (56 m²)



**UNHCR Shelter Programmes in RI
2005 - 2007**

**156 individual houses
(76 “turn-key” + 80 “self-help”)**



Shelter Programme RI 2005
Implementing partner : DRC

Shelter Programme RI 2005

Implementing partner : DRC

Programme at 12 locations in Ingushetia

40 houses – “self-help” approach

Building material supply only

(material for a 8.00 x 6.00 = 48 m² object)

Shelter Programmes RI 2005 - 2007

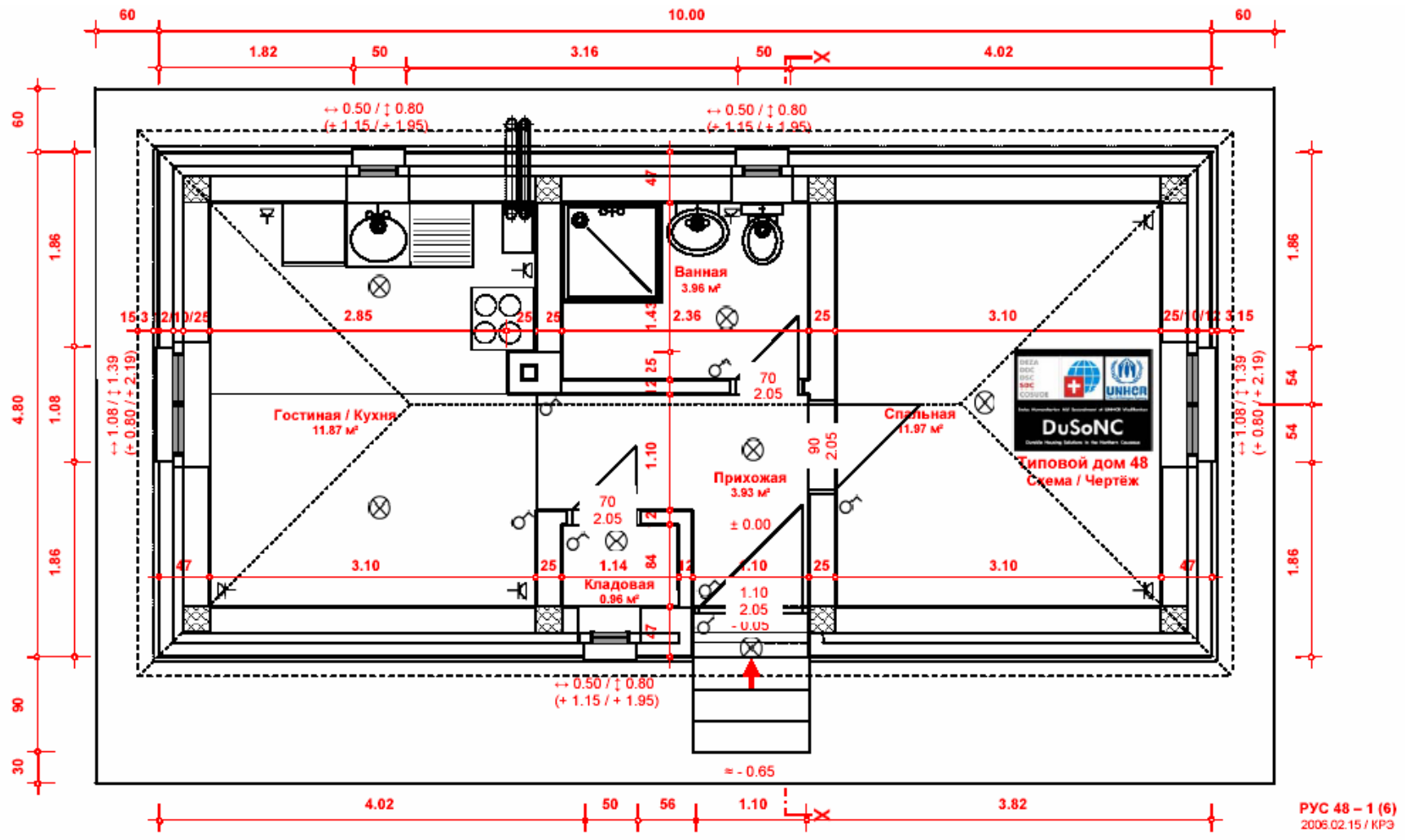
**22 + 54 = 76 “turn-key” objects in RI :
direct implementation 2006 - 2007 by UNHCR**

**40 + 20 + 20 = 80 “self-help” objects in RI :
material supply 2005 - 2007 by DRC**

RUS48 standard upgrade 2006 - 2007 :
=> dimension 10.00 x 4.80 = 48 m²
=> in-house toilet/bathroom
=> kitchen with sink & water tap
=> power/water/gas supply & septic tank



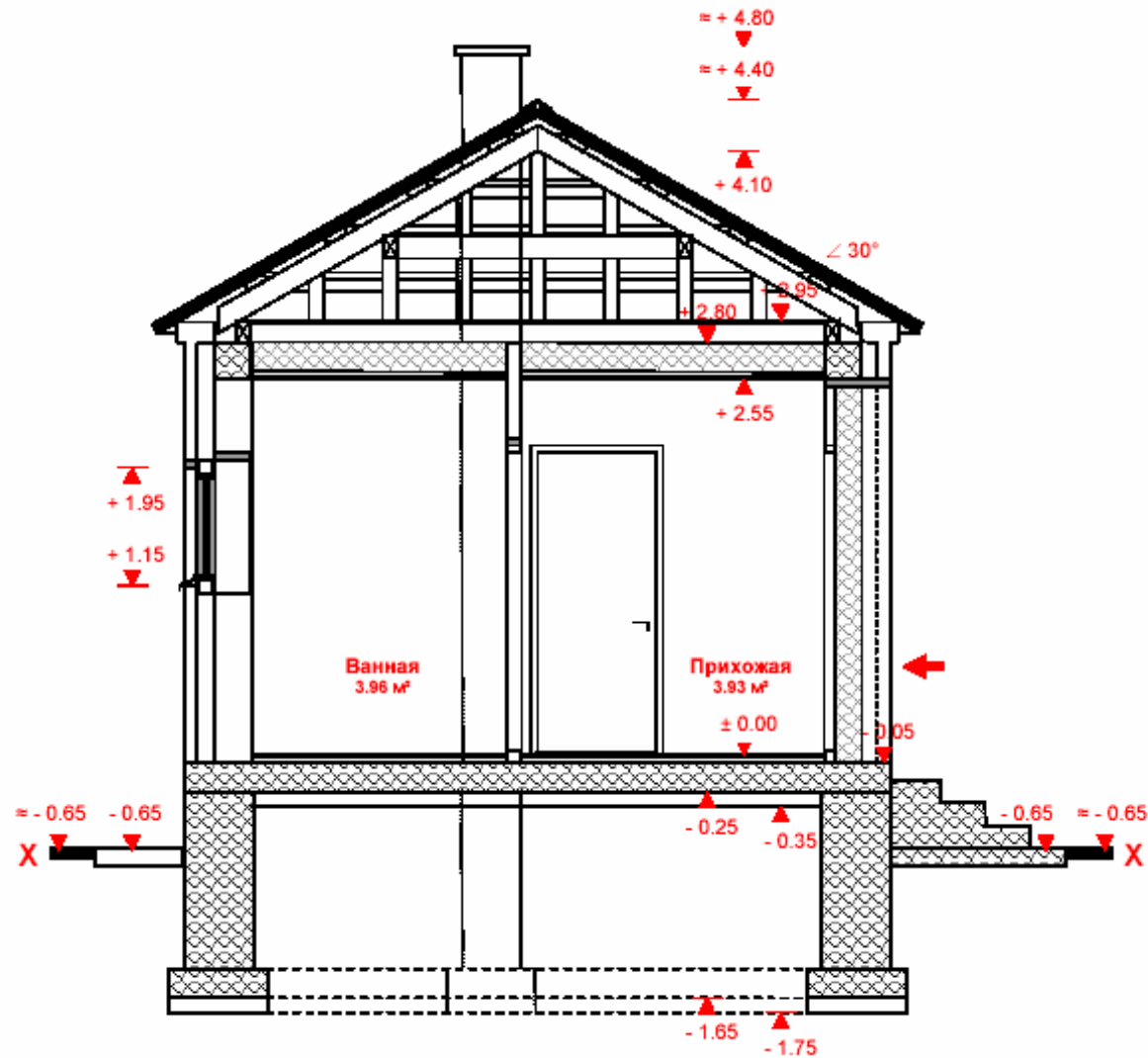
Shelter Programmes RI 2006 - 2007
RUS48 standard upgrade
Pilot object



Shelter Programmes RI 2006 - 2007

RUS48 standard upgrade

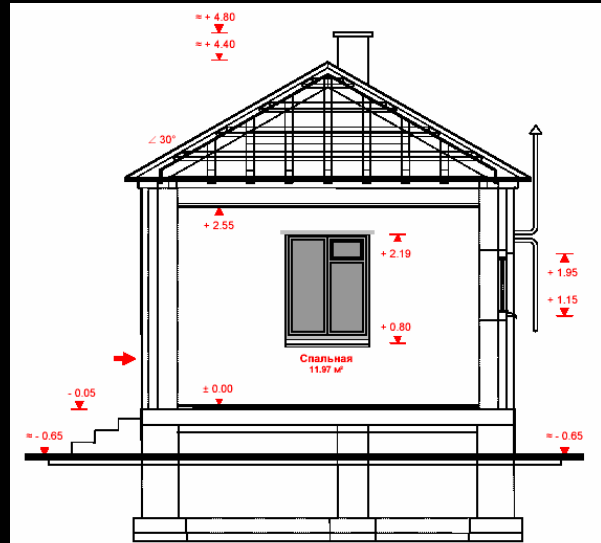
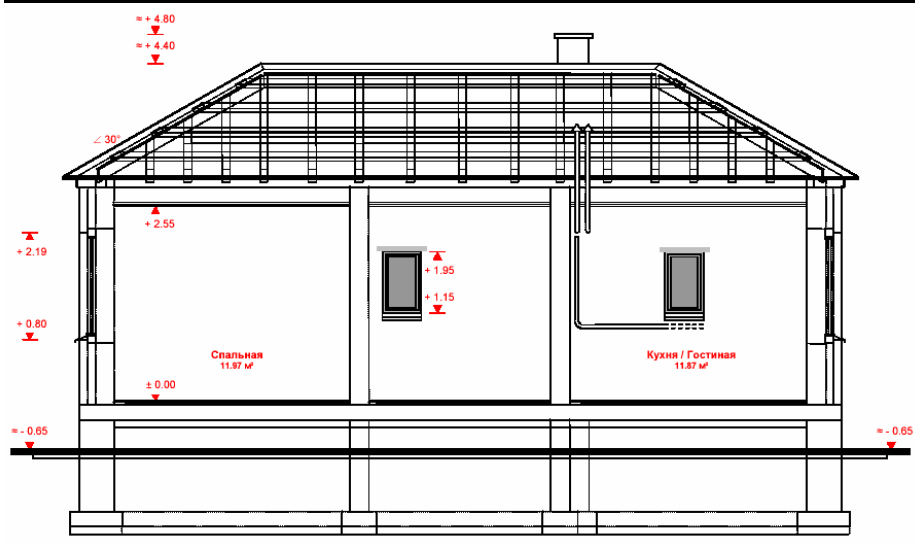
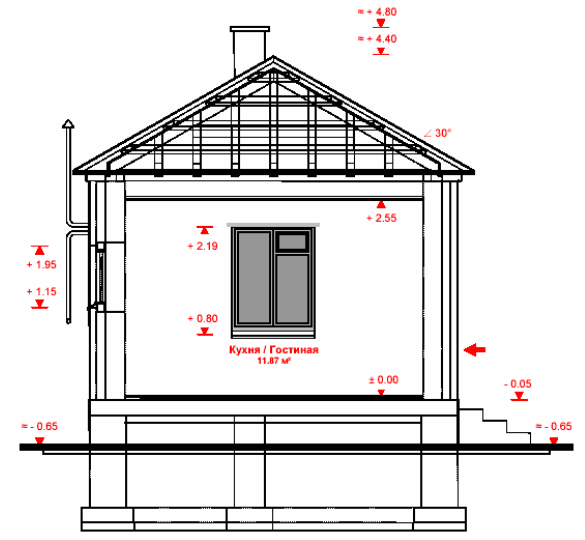
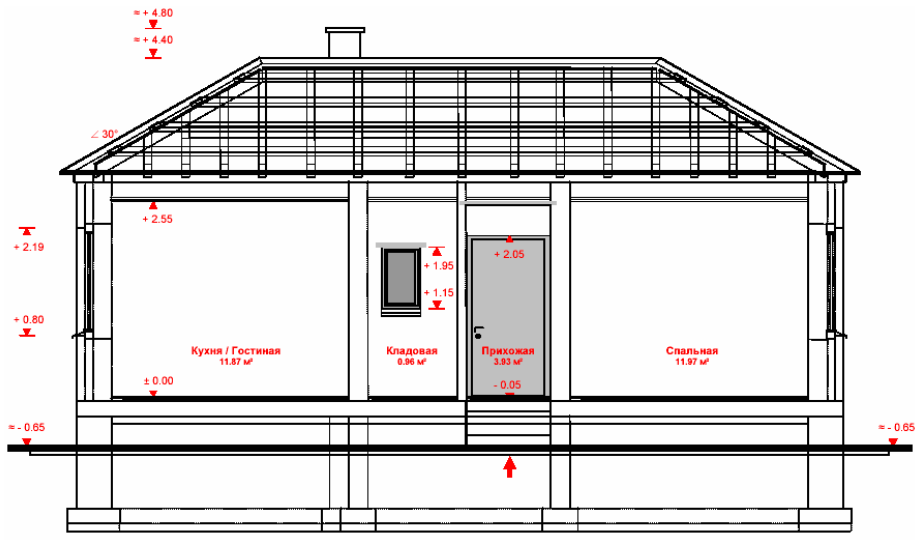
Layout



Shelter Programmes RI 2006 - 2007

RUS48 standard upgrade

Cross section



Shelter Programmes RI 2006 - 2007

RUS48 standard upgrade

Façades



Shelter Programmes RI 2006 - 2007
RUS48 standard upgrade
4 “turn-key” houses from 2006 programme

Shelter Programmes RI 2006 - 2007

RUS48 standard upgrade

		costs per type of work (percentage) %	costs per unit 2006 RUB	costs per unit 2007 RUB
shell	foundation	18	66'600	75'600
	bricklaying (façades & partitions)	31	114'700	130'200
	roof (carpentering & covering)	10	37'000	42'000
internal construction	joinery (doors & windows)	8	29'600	33'600
	floors	11	40'700	46'200
	ceilings	4	14'800	16'800
	plastering	7	25'900	29'400
	painting & whitewash *)	-	0	0
	power installation (wiring)	1	3'700	4'200
	gas & heating installation (stove)	3	11'100	12'600
	water & sewage installation	7	25'900	29'400
	septic tank *)	-	0	0
	total costs	100	370'000	420'000

*) to be done by the beneficiary

Operational UNHCR activities in NC

“Roof + One-Dry-Room” programme
“self-help” individual houses rehabilitation in Chechnya



UNHCR “Roof + 1-Dry-Room” Programme
a “self-help” programme in Chechnya
Implementing partner : DRC (PIN until 2005)
899 roofs covered 2005 - 2007

Operational UNHCR activities in NC

“Box Tents” production & distribution
temporary shelter



UNHCR “Box Tents” Programme

Implementing partner : DRC

**Production exclusively in Ingushetia
(Production 2002 - 2006 : 2,622 units)**

**Distribution in Chechnya, Ingushetia & North Ossetia
(Distribution 2002 - 2007 : 2,544 units)**



**UNHCR “Box Tents” Programme
Implementing partner : DRC**

Operational UNHCR activities in NC

Collective Centre maintenance
micro shelter projects : emergency measures



**UNHCR Micro Shelter Projects
2005
Collective centers maintenance
(emergency measures)**



Example
Mizur (RNOA) : Hostel no.54
Replacement of leaking tin roof

Operational UNHCR activities in NC

“QIPs” (Quick Impact Projects)

small income generation projects



QIP - Quick Impact Project in Chechnya
Curtain workshop in Grozny : supply of equipment for sewing



QIP - Quick Impact Project in Chechnya
Pastry workshop in Grozny : supply of kitchen equipment