



HOUSING PROJECT FUNDED BY SINDHI ASSOCIATION OF NORTH AMERICA (SANA)

Abstract

SRSO constructed and SANA funded fifty two (52) Low Cost Resilient Houses in Village Khooro, UC Wraha, Taluka Warah and District Kamber Shahdaktot for flood affected families, suffered damages during Rain Flood 2022

MER Desk- Kamber Shahdaktot

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Executive Summary:

The Flash flood and torrential rains resulted in catastrophic situation calling for humanitarian assistance in entire Sindh/Pakistan. Losses in terms of livestock deaths, inundation of agriculture land, damages to the physical infrastructure hindering flood affected population evacuations during rescue period of disaster.

Sindh Rural Support Organization (SRSO) came into partnership with government of Sindh through the company Sindh Peoples Housing for Flood Affectees (SPHF) to intervene in reconstruction of 750,000 fully damaged houses in Five Districts of Sindh .i.e. Jacobabad, Shikarpur, Khairpur, Qamber Shahdadkot and Larkano during rain floods 2022.

Ensuring the construction of low cost houses to meet the challenges of disaster risk reduction induced by Climate Change the resilient housing framework was approved to sustain the potential risks of frequent floods and low lying areas in Sindh Province. SRSO Engineering Department is fully functional to supervise the reconstruction of the fully damaged houses of almost rural population in Sindh Province. Social Mobilization teams responsibly address the issues of social and environmental nature within the organized communities. Organized communities through existing Community Organizations (COs), Village Organizations (VOs) and Local Support Organizations at Union Council Level are social capital best utilized for addressing the local development, emergency and rehabilitation needs of rural community members in Sindh Province of Pakistan.

Sindh Rural Support Organization in partnership with SANA initiated the reconstruction of resilient low-cost housing (LCH) affected by Flash Floods and Torrential rains in 2022. Fifty-two (52) flood-affected families of village Khooro Brohi, UC Warah, Taluka Warah District Kamber Shahdadkot were extended support for the rehabilitation of their houses. The village Khooro Brohi was missed out during the initial joint survey conducted by the government of Sindh in affected districts of Sindh Province.

Sindhi Association of North America (SANA) as responsible Civil Society extended humanitarian support of climate and disaster affected populations of Sindh. SRSO under its controls systems implemented the project following the transparency and value for money approach.

This report has archived the achievement of fifty two (52) resilient and community driven housing led by rural women in village Khooro Brohi that was missed out in survey and was responded under SANA support to see their new one houses well-built and safer.

About SRSO

Established in 2003, the Sindh Rural Support Organization is a not-for-profit organization registered under Section 42 of the Companies Act 2017. The SRSO is present in 15 districts of Sindh with its core programme and 5 districts with special projects. The mandate of SRSO is to alleviate poverty by harnessing the people's potential and to undertake development activities in Sindh.

The social mobilization movement began in Pakistan in December 1982 originating in the Northern Areas. The pioneer of this movement was the Aga Khan Rural Support Programme (AKRSP). It gradually spread to the rest of the country under the guise of provincial Rural Support Programmes (RSPs) established by the Government of Pakistan and collaborative donor funding. For the purpose, Sindh Rural Support Organization (SRSO) was established to work under the umbrella of Rural Support Programme Network in designated districts of Sindh.

In July 2003, Sindh Rural Support Organization (SRSO) was established, funded by Government of Sindh with the provision of an endowment of Rs. 500 million, which was raised to Rs. 1 billion in subsequent years. The Sindh Rural Support Organization has thus a history of 17 years. It started its activities initiated by National Rural Support Programme (NRSP) in District Sukkur. NRSP had planned to cover only three Union Councils of District Sukkur. SRSO has since then expanded its programme to 23 Union Councils in five districts namely Sukkur, Khairpur, Shikarpur, Jacobabad and Ghotki. Now SRSO is working in 15 district of the Sindh province, i.e. Sukkur, Khairpur, Ghotki, Naushehroferoz, Sh.Banazirabad, Sanghar, Badin, Thatta , Mirpurkhas, Umerkot, Shikarpur, Jacobabad, Larkana, Kashmore-Kandhkot and Qamber-Shahdadkot, and 695 Union Councils of these districts.

Objectives

1. The main objective of SRSO is to foster a network of grassroots level organizations in SRSO's program area to enable rural communities to plan, implement and manage developmental activities and programmes for the purpose of ensuring productive employment, alleviation of poverty and improvement in the quality of life.
2. To reinforce and compliment Government of Pakistan's policy of poverty alleviation.
3. To support and strengthen Government of Sindh's efforts to translate poverty reduction strategies into action.

Sindh Rural Support Organization in partnership with SANA initiated the reconstruction of resilient low-cost housing (LCH) affected by Flash Floods and Torrential rains in 2022. Fifty-two (52) flood-affected families of village Khooro Brohi, UC Warah, Taluka Warah District Kamber Shahdadkot were extended support for the rehabilitation of their houses. The village Khooro Brohi missed out during the initial joint survey conducted by the government of Sindh in affected districts of Sindh Province. The initial damages of houses survey showed that 750,000 were affected in the districts of Jacobabad, Shikarpur, Khairpur, Larkana, and Kamber Shahdadkot. The government of Sindh through SRSO is reconstructing the fully damaged houses based on the community-driven approach in five districts of Sindh. The

government of Sindh through Sindh Peoples Housing for Flood Affectees (SPHF) is supporting 300,000 per household on account of the reconstruction of resilient houses with SRSO.

Approach:

The people need social guidance to harness their potential. Such guidance is essentially needed for the following purposes:

1. To get organized for pooling of their resources, cutting down overheads, achieving economy of scale, etc.
2. To identify genuine leaders /activists/cadres from amongst themselves or the community. It is only these cadres and not outsiders that can bring out the willingness and harness the people's potential.
3. To identify and prioritize what the people are willing to undertake in terms of opportunities and needs and not demands which have to be provided by outside agencies (the assumption in social mobilization is that guided or blue print approach is not effective).
4. To assess the feasibility of the identified portfolio opportunities and needs in terms of peoples capacity, willingness, requirement of resources and availability of resources from within and outside.
5. To arrange, secure and facilitate the flow of required resources to the community; and to linkages between them and other development agencies.
6. To reinforce and compliment Government of Pakistan's policy of poverty alleviation.
7. To support and strengthen Government of Sindh's efforts to translate poverty reduction strategies into action.

SRSO-SANA Partnership

SANA and SRSO on similar patterns of SPHF Project have exerted support of 300,000 per house to reconstruct the resilient houses for those beneficiaries who left out the survey and were extremely deserving families. SRSO intimated to SPHF, the government of Sindh about the support of 52 houses by SANA as per the Contract Agreement with SPHF. Cumulatively, 52 houses with per unit cost of Rs. 300,000 (in figures three hundred thousand only) total amounting to Rs. 15,600,000 (Rs. 15.6 million) have been constructed involving as well as engaging local communities. These (52) houses have been constructed at the same location where house owners/households were living before the floods in 2022.

Procedures

Other aspects such as customs, traditions, social and economic conditions/levels were taken into account through validation and community participation. Involvement of local communities from identification to implementation and completion of houses was ensured through community institutions (CIs). The completion of all (52) houses was verified and endorsed by the internal monitoring system. The social mobilization approach was implemented through community participation engaging community institutions Community Organizations (COs), Village Organizations (VOs), and Local Support Organizations (LSOs). The

CIs have supervised the construction by the Beneficiary so that reliable construction of the houses may be initiated timely and completed in well stipulated time. The local skilled and unskilled labor was engaged by the Beneficiaries when needed during the construction process.

Selection Criterion:

- Households whose houses were damaged/destroyed
- Beneficiary was not included Government Survey list
- Household missed out during a survey conducted by the government of Sindh
- Having valid CNIC
- Households with their plots, land, or plot of Government of Sindh may be acceptable
- Household willing to provide stamp paper signed by the landowner/Zameendar [if the beneficiary has not available a plot for the construction of house].
- Households willing to construct low-cost houses as per approved design and specification

SRSO Engineering department provided technical assistance/ guidance to beneficiaries for the completion of resilient houses. The procurement of materials done by beneficiaries with the support of CI & SRSO Engineer oversight the overall process

The work started in the month of June 2023 & was completed in December 2023.

Survey:

The Survey of damaged houses conducted in collaboration & consultation with the community institution & SRSO Engineer/Social organizer. The survey was conducted using the focused approach (Village level) where on average 70 houses surveyed. SRSO team undertook the initial surveys and feasibilities for the houses with the collaboration of CIs.

Terms of Partnership:

On the recommendation of the Survey, the SRSO District Manager approved the beneficiaries list and signed terms of partnership (TOP) in a meeting with CI, where the responsibilities of CIs beneficiary and SRSO were spelled out. Upon signing the TOP/agreement, the physical work was initiated immediately.

Technical assistance and guidance to the beneficiary provided by SRSO Engineers. This component is self-driven where the beneficiary [himself/herself] implemented/started and then completed the construction of the house within time as specified in the ToP, SRSO engineer as well as the community supervised and monitored it.

Budget:

<i>Description</i>	<i>Per unit cost</i>	<i>Number</i>	<i>Total Budget</i>
<i>LCH</i>	300,000	52	15,600,000

Procedures for Disbursement of Installment of Housing Scheme Amount:

1st Installment - Amount: (Rs): 75,000/-

Advance Payment to a beneficiary for Plinth Level approval/ ToP

2nd Installment - Amount: Rs: 100,000/-

Work done: Lintel Level (with cement & sand)

3rd Installment - Amount: Rs:100,000/-

Work done:

Roof Level

Plastering (Inner side& Front side of rooms)

Installation of doors, windows & and ventilators.

4th Instalment - Amount: Rs. 25,000/-

Work done: 100% Completion of LCH along with color work.

Bill of Quantity (BoQ) of one Room House

One Room House (with Local material)

CAPITAL COST

S . #	ITEM	QUANTIT Y	Per UNIT	UNIT RATE (Rs.)	AMOU NT (Rs.)	Remarks
Substructure						
1	Bricks	3,783	Per 1000 Nos	11,000	41,617	
2	Cement	13.32	Per Bag	1,200	15,989	Cement block can also be utilized.
3	Sand (Local)	107	Per 100 cft	7,500	8,030	Local Sand can be utilized
4	Crush	19	Per 100 cft	5,000	949	
5	Stone Ballast	28	Per 100 cft	6,500	1,831	
6	Steel 12 mm	50	per kg	265	13,250	
7	Binding wire	1	per kg	400	400	









8	Bituminous layer at Plinth level / Polythene sheet (2mm)		Lumpsum	1,800	1,800	
9	Earth filling for rooms	876	per cft	11.5	10,074	
Sub Total-1					93,939	
Superstructure						
1	Bricks	4,494	Per 1000 Nos	11,000	49,438	
2	Cement	17	Per Bag	1,200	20,488	
3	Sand (Local)	153	Per 100 cft	7,500	11,483	
5	Doors-3'-6"x6' (Iron 20 Gauge / Wooden) of single or double shutter	1	Per No	11,000	11,000	
6	Windows-3'X4' (Iron 20 Gauge /Wooden)	1	Per No	5,500	5,500	
7	M.S angles (2"x2") .	15	per rft	260	3,900	
8	Ventilators	4	Per No.	450	1,800	This item is Optional either ventilator may be installed or extra one window extra may be installed.
Sub Total -2					103,609	
Roofing work						
10	Girder (Weight 2.5 kg per ft)	31	rft	730	22,630	
11	Wooden Bamboos (dia 2.5"/2")	301	rft	34	10,234	
12	Pattar/kanna Sheet (size 7'x15' or which ever available) / Locally assembled material of Straw mat or any other.	350	sft	21	7,350	For roof treatment 2" thick mud in 02 layers over the roof will be done, but If locally assembled roof material is utilized than mud
13	Truha (Size 7'x15' or which ever available) / locally assembled material of Straws or any other.	350	sft	11	3,850	
14	Plastic Sheet	350	sft	5	1,750	











						on roof is not essential .
	2" thick Mud over roof	117	per cft	12	1,348	Community contribution
15	White Wash (Interior & exterior walls)	1	Lumpsum	4,000	4,000	Color work (Sky Blue) i.e lime & Robin Neel can be utilized.
16	Contingency	1	0		0	
Sub.Total-3					51,161	
Total Material Cost Rs: (A1+A2+A3)					248,710	
B LABOUR						
	Skilled Labour	21	Per day	1500	31,043	
	Unskilled Labour	43	Per day	500	21,713	
Total Labour Cost (Rs:)					52,756	
Grand Total Cost (Rs:)					301,466	

SUMMARY DETAIL OF MATERIAL

Description	Nos	Unit Cost	Amount
Bricks	8,278	11,000	91,054
Cement	30	1,200	36,477
Doors /Windows	2	8,250	16,500
Girder	31	730	22,630
Roofing (Local material)	1	24,531	24,531
Earth filling in rooms (# trips)	876		10,074
Color			4,000
Steel 12 mm			15,450
Misc (Sand /Cush/ Ventilators & Iron angles over doors .			27,993
Labour (Skilled/ Unskilled)			52,756
Total Cost			301,466











Profiling of the Beneficiaries:











S#	Name of Beneficiary	Before	After
1	Farzana Khatoon/ Nadir Ali Brohi CNIC: 43407-0726658-8	 A woman in a yellow headscarf and pink dress stands in front of a large, flat, grey concrete slab. Text overlay: "1 Farzana Khatoon w/o Nadir Ali Brohi".	 A single-story house with a flat roof and blue doors. Text overlay: "1+9+23".
2	NAME: Rani Khatoon W/O: Mukhtiar Ali CNIC: 43407-0697034-8	 A woman in a pink headscarf stands in front of a large, flat, grey concrete slab. Text overlay: "2 Rani Khatoon wife of Mukhtiar Ali".	 A single-story house with a flat roof and blue doors. Text overlay: "2".
3	NAME: Sara W/O: Ghulam Nabi Brohi CNIC: 43407-0594001-6	 A woman in a red headscarf stands in front of a large, flat, grey concrete slab. Text overlay: "3 Sara wife of Ghulam Nabi Brohi".	 A single-story house with a flat roof and blue doors. Text overlay: "3".
4	NAME: Sakina W/O: Waheed Brohi CNIC: 43407-0720273-0	 A woman in a purple headscarf stands in front of a large, flat, grey concrete slab. Text overlay: "4 Sakina wife of Waheed Ali".	 A single-story house with a flat roof and blue doors. Text overlay: "4".











5	<p>NAME: Sabiran W/O: Muhammad Ayoub CNIC: 43407- 0705753-8</p>		
6	<p>NAME: Dur Khatoon W/O: Niaz HussainBrohi CNIC: 43407- 0580424-6</p>		
7	<p>NAME: Haneefa Khatoon W/O: Ghous Bux CNIC: 43407- 0673421-6</p>		
8	<p>NAME: Sara Khatoon W/O: Ali Nawaz CNIC: 43407- 0579945-6</p>		
9	<p>NAME: Gul Bibi W/O: ImamBux Brohi CNIC: 43407- 0673604-4</p>		











10	<p>NAME: Sono Khan Brohi S/O: Ali Muhammad Brohi CNIC: 43407- 0371187-9</p>	 <p>Sona khan s/o Ali Muhammad 10</p>	 <p>10+40</p>
11	<p>NAME: Rukhsana W/O: Khan Muhammad CNIC: 43407- 0739926-6</p>	 <p>Rukhsana W/O Khan Muhammad 11</p>	 <p>13</p>
12	<p>NAME: Shah Bibi W/O: Khuda Bux Brohi CNIC: 43407- 0664056-0</p>	 <p>Shah Bibi W/O Khuda Bux 12</p>	 <p>12+51</p>
13	<p>NAME: Zeenat W/O: Nazeer Hussain CNIC: 43407- 0726725-2</p>	 <p>zeenat W/O Nazeer Hussain 13</p>	 <p>13</p>
14	<p>NAME: Khalida W/O: Altaf Hussain CNIC: 43407- 0679865-2</p>	 <p>14 Khalida wife of Altaf Hussain</p>	 <p>14+52</p>






15	<p>NAME: Nazeeran W/O: Rajib Ali CNIC: 43407- 0606969-8</p>		
16	<p>NAME: Ghulam Muhammad S/O: Abdulah Brohi CNIC: 43407- 0342329-5</p>		
17	<p>NAME: Abida Parveen W/O: Nazeer Hussain CNIC: 43407- 0648345-2</p>		
18	<p>NAME: Jamul Khatoon W/O: Muhammad Qasim CNIC: 43407- 0580841-4</p>		
19	<p>NAME: Naz Bakht W/O: Ghulam Sarwar Brohi CNIC: 43407- 0663347-8</p>		













20	NAME: Shahida Khatoon W/O: Ali Ahmed CNIC: 43407- 0719890-2	 <p>Shahida W/O Ali Ahmed 20</p>	 <p>20+36</p>
21	NAME: Gul Naz W/O: Shadi Khan Brohi CNIC: 43407- 0674126-4	 <p>Gul Naz W/O Shadi Khsn 21</p>	 <p>21</p>
22	NAME: Mehnaz Khatoon W/O: Allah Bux Brohi CNIC: 43407- 0607917-6	 <p>Mehnaz Khatoon Mulpoto W/O Allah Bux 22</p>	 <p>15+22</p>
23	NAME: Ameenat Khatoon W/O: Abdul Ghfar CNIC: 43407- 0726671-0	 <p>Ameenat W/O Abdul Ghafar 23</p>	 <p>1+9+23</p>
24	NAME: Afroz Khatoon W/O: Ali Hasan CNIC: 43407- 0580461-0	 <p>Afroz W/O Ali Hassan 24</p>	 <p>24</p>

25	<p>NAME: Sahib Khatoon W/O: Ali Asghar CNIC: 43407- 0607662-0</p>	 <p>Sahib Khatoon W/O Ali Asghar 25</p>	 <p>25+38</p>
26	<p>NAME: Shahnaz W/O: Ghulam Mustafa CNIC: 43407- 0580415-0</p>	 <p>26 Ghulam Mustafa Husband of Shahnaz</p>	 <p>26+34</p>
27	<p>NAME: Musmat Pathani W/O: Muhammad CNIC: 43207- 8689899-0</p>	 <p>Pathani W/O Muhammad Widow 27</p>	 <p>27+7</p>
28	<p>NAME: Abida W/O: Saeed Ahmed CNIC: 43407- 0738108-4</p>	 <p>Abida W/ O Saeed 28</p>	 <p>19+28</p>
29	<p>NAME: Saima W/O: Muharam Ali CNIC: 43407- 0696194-4</p>	 <p>Saima W/O Muhram 29</p>	 <p>29</p>

30	<p>NAME: Naziran W/O: Abdul Fatah CNIC: 41205- 6902166-0</p>	 <p>Nazeera W /O Abdul Fatah 30</p>	 <p>6+30</p>
31	<p>NAME: Aasia Khatoon W/O: Nadir Ali CNIC: 43403- 0659649-6</p>	 <p>Aasia W/O Nadir Ali 31</p>	 <p>31</p>
32	<p>NAME: Imam Ali Brohi S/O: Ghulam Ali CNIC: 43407- 0485318-5</p>	 <p>Imam Ali S/O Ghulam Ali 32</p>	 <p>32</p>
33	<p>NAME: Saima W/O: Bagan Kaloj CNIC: 41205- 3911305-0</p>	 <p>Saima W / O Bagan Kaloj 33</p>	 <p>33</p>
34	<p>NAME: Sakeena W/O: Muhammad Panah CNIC: 43407- 0580430-0</p>	 <p>34 Sakeena Wo Mhmd Panah</p>	 <p>26+34</p>

35	<p>NAME: Jameela Khatoon W/O: Ali Akbar Khan CNIC: 43407-0580446-8</p>		
36	<p>NAME: Ghulam Shahida W/O: Ghulam Mustafa CNIC: 43407-0726634-2</p>		
37	<p>NAME: Shahzadi W/O: Juma Khan CNIC: 43407-0597655-0</p>		
38	<p>NAME: Bakhtawar W/O: Muharam Ali CNIC: 43407-0686174-0</p>		
39	<p>NAME: Murad Khatoon W/O: Khair Muhammad CNIC: 43407-0580444-0</p>		

40	<p>NAME: Peerani Khatoon W/O: Ghanwar Khan CNIC: 43407-0580437-2</p>		
41	<p>NAME: Zubaida Khatoon W/O: Abdul Waheed Brohi CNIC: 43407-0660007-6</p>		
42	<p>NAME: Ganj Beebi W/O: Wali Muhammad Brohi CNIC: 43407-0716420-0</p>		
43	<p>NAME: Zahida Khatoon W/O: Mumtaz Ali CNIC: 43407-0607917-4</p>		
44	<p>NAME: Murad Bibi W/O: Muhammad Hussain CNIC: 43407-0580421-0</p>		
45	<p>NAME: Musmat Nazul W/O: Mola Bux CNIC: 43407-0580447-2</p>		

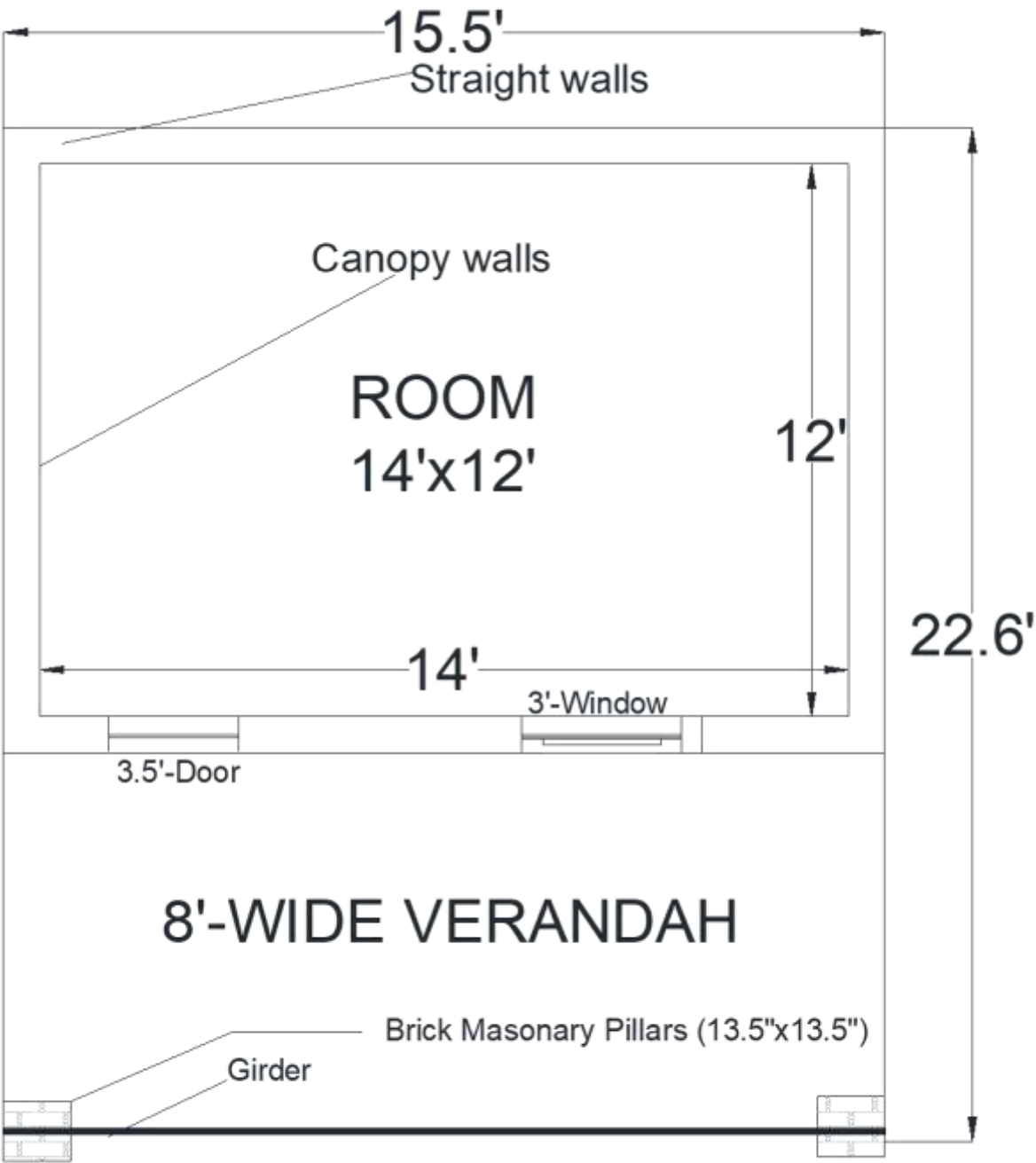
46	NAME: Zar Bano W/O: Zulfiqar Brohi CNIC: 43407-0711358-0		
47	NAME: Amina W/O: Ghulam Muhammad CNIC: 43207-1178063-8		
48	NAME: Sadoran W/O: Muhammad Azeem Brohi CNIC: 43407-0606949-2		
49	NAME: Zulekhan W/O: Haji Shah Muhammad CNIC: 43203-9817008-8		
50	NAME: Hanifan W/O: Mola Bux CNIC: 43407-0593987-6		
51	NAME: QaimKhatoon W/O: Muhammad Sadiq Brohi CNIC: 43407-0606981-8		

52

NAME: Husna
W/O: Ali Hasan
CNIC: 43407-
0679247-6

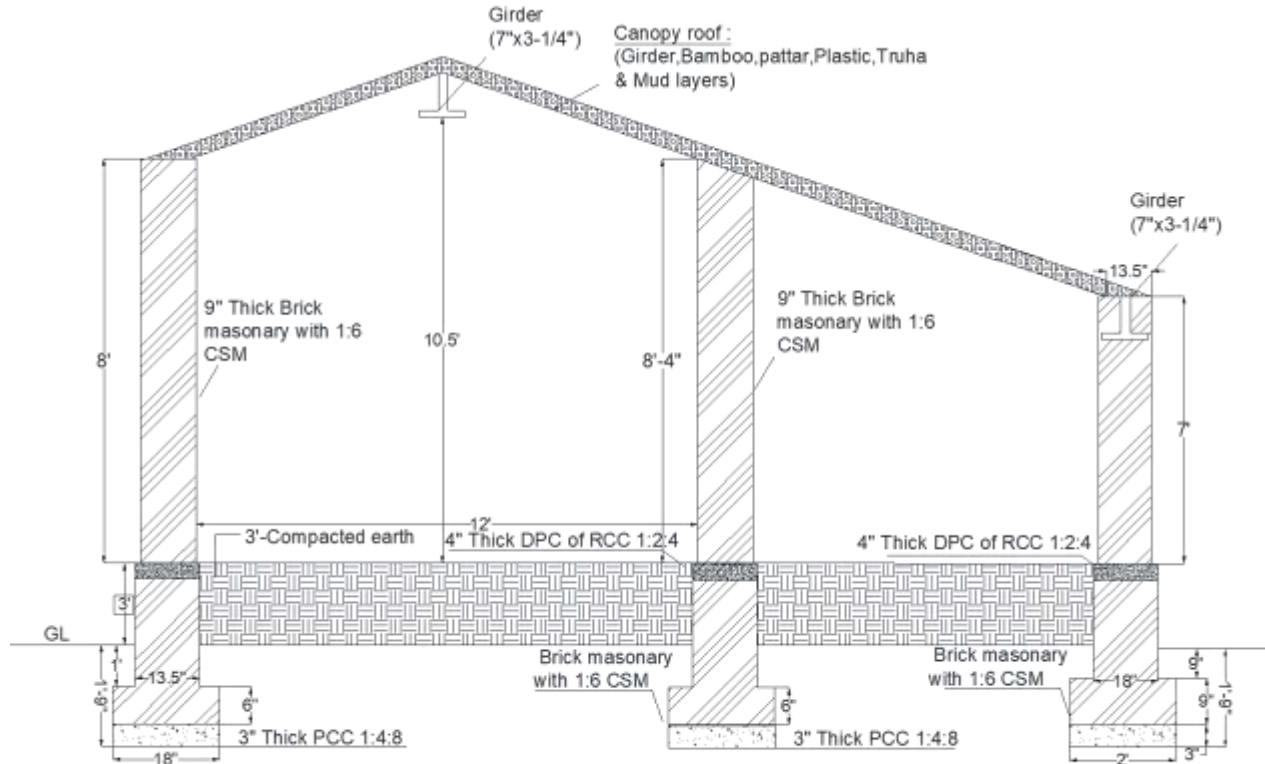


Plan of Low-Cost House



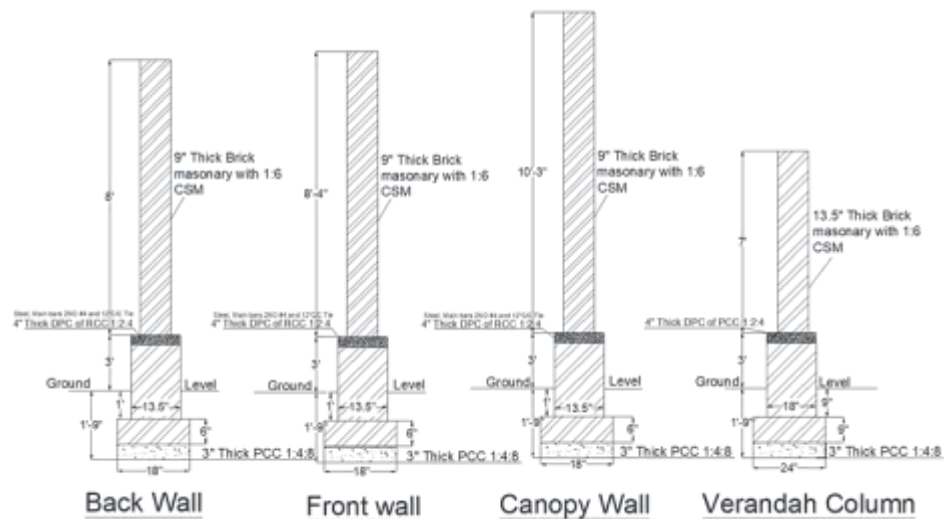
PLAN OF LOW COST HOUSE

Section of Low-Cost House



SECTION OF LOW COST HOUSE

Sections of walls (One Room)



Transparency and Monitoring

Targeted beneficiaries were provided installments after monitoring certifications and verifications of excavation, Plinth, Lintel and Roof level. The payment was sent to beneficiaries through online transactions. Engineering, Social Mobilization and Monitoring Teams played their functional role in guidance, community mobilization and monitoring of minimum requirements (MRs) followed. Community members (Village Rehabilitation Committee) and beneficiaries were involved in procurement process of building material to ensure community driven approach and transparency.

Following Reporting Documents and steps were ensured for reporting purpose

1. Broad Based Community Meeting for introduction of Programme
2. Environment and Social Form for oversight of environment and social protection while constructions
3. Installment Request Form
4. VRC Document
5. Terms of Partnership (ToP)
6. List of Beneficiaries showing Poverty Score Care
7. Completion Certificate

End