



NATIONAL SERVICE SCHEME

UNIT 110

DREAM HOUSE PROJECT - 1

FIRST PHASE REPORT

2023-24



MEA ENGINEERING COLLEGE

PERINTHALMANNA

VENGOOR P O , 679325

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MEA ENGINEERING COLLEGE PERINTHALMANNA

Vision

To provide top class education to the community by achieving excellence in engineering education and mould world class engineers with competence, integrity and social commitment.

Mission

To provide the best faculty, excellent infrastructure, commendable facilities for excellent academic ambiance to encourage research and development and to strengthen employability and campus placements

OUR DREAM HOUSE PROJECT

This report outlines the construction of a house for Mr. Sukumaran, son of Mr. Ayyappankutty, resident of Karinmanakkal House, Melattur Village, on his 3-cent plot under the MEA NSS 110 cell and funding from KCF Homes. The project aims to provide Mr. Sukumaran and his family with safe, affordable, and sustainable housing.

NSS unit 110 was planning to construct one house per year for a any poor family. Detail project report submitted to Principal on 05.04.2023. Mrs. Ms. Thanooja submitted a letter to the Program Officer (PO) of NSS 110, requesting the inclusion of Mr. Sukumaran in the Dream House Project. The letter outlined Mr. Sukumaran’s current living situation and the challenges he faces due to inadequate housing.

KCF Home Project : -

Kochouseph Chittilappilly foundation and State NSS are signed one MOU for Construction of 100 “ NSS Snehaveedu ” homes per year under different NSS units. As per letter from state NSS on 31-05-2023, the main two conditions are Plot should be below 5 cent and plan area should be below 500 Sq. feet. And around 18 documents are to upload. After checking all documents KC foundation will accept or reject the application. If accepted, then agreement should be signed then installment wise fund will be transfer to the applicant account number. Maximum amount to transfer in this project is 4 Lakhs. All works should be monitor by NSS volunteers.

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Volunteer Secretary	Mr. Muhammed Anjal T Department of Computer Science Engineering , Batch 2021 – 25 +919496790782
Volunteer Secretary	Ms. Hanna P Department of Computer Science Engineering , Batch 2021 – 25 +919497658389
Dream House Coordinator	Mr. Sayed Shahloob P Department of Computer Science Engineering , Batch 2021 – 25 +919567220971
Dream House Asst. Coordinator	Ms. Irfana Department of Computer Science Engineering , Batch 2021 – 25 +919037144512

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1. APPLICATION :-

NSS unit 110 Dream House Project - 1 application is submitted on 15-07-2023 to KCF homes under “NSS Snehaveedu” Project. Applicant is Mr. Sukumaran S/O Karimbhanakkal Ayyappan Kutty , Chemmaniyod . Melatur Panjayath ward no: 14, Malappuram district. 18 documents are submitted contains Aadhar card, Ration card ,Panjayath letter , Request letter , Karam Receipt ,Aahdaram ,Possession certificate ,Land details , Permit ,Signed plan ,Photo with Aadharam , Photo In front of new house , Photo in front of old house , Bank details and Principal ,Programme officer , Volunteer secretary , volunteers Recommendations letter.

1.1 Site Visit :-

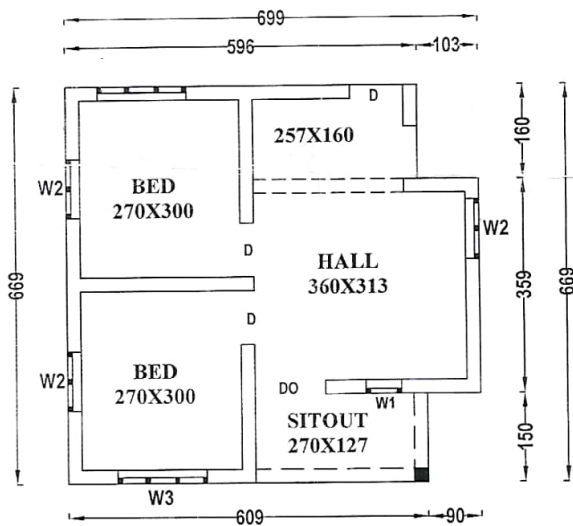
Volunteer Secretary and charge of this dream house project volunteer visit the site on 11-08-2023 for take measurements of existing foundation.



**PLAN FOR THE PROPOSED RESIDENTIAL BUILDING RS NO: 213/2-7 MELATTUR
VILLAGE WARD NO : XIV MELATTUR PANCHAYATH AT CHEMMANIYODE
OWNED BY Mr: SUKUMARAN**



ELEVATION



GROUND FLOOR PLAN

BUILT UP AREA : 43.75 SQM (471 SQFT)

ANOOP.V
Licenced Building Supervisor -A
Reg.No:E-2050/08/23273/KKD/199/2022/SA
Dept. of Urban Affairs Govt of Kerala

K.T. Mohammed Iqbal
President
Melattur Grama Panchayat

Mrudu. T.R (PEN: 619702)
Assistant Engineer
LID & EW Section
Melattur Grama Panchayat
P.O. Melattur

PREPARED BY

ANOOP.V
CHAITHANYAM
Engineers & contractors
Room no 42, 1st Floor
Bus stand cum Shopping
Complex Building - MELATTUR
MOB: 9447419388.9946730092

1.2 Final Submission of application :-

After visiting the site, make new drawing with existing foundation and application is submitted with all documents after lot of quarries. First stage submitted on 15-07-2023 and final submission on 05-10-2023.

2. Approval :-

After final submission of application, fund is sanctioned on 11-10-2023. Then same date agreement is prepared Rs 200/- and signed the sent through post and also sent in mail. First installment amount of Rs 25,000/- credited Applicant bank account on 20-10-2023.

3. WORK :-

3.1 Site measurements :-

After approval of project, Volunteers was visited the site on 22-10-2023 for take measurements of existing foundation. Drawled new plan based on current data.



3.2 01/11/2023 (Site preparation and cleaning):-

On November 1, 2023, a group of dedicated NSS volunteers undertook the task of site preparation and cleaning at Sukumaran's plot, marking a crucial step towards the construction of his new home under the Dream House project. The volunteers diligently removed debris, leveled the ground, and prepared the site for the commencement of foundation work. This voluntary effort demonstrated the spirit of community engagement and highlighted the invaluable contribution of NSS volunteers to the success of the project.



3.3 01/11/2023 (Plot Redesign and Submission to KCF):

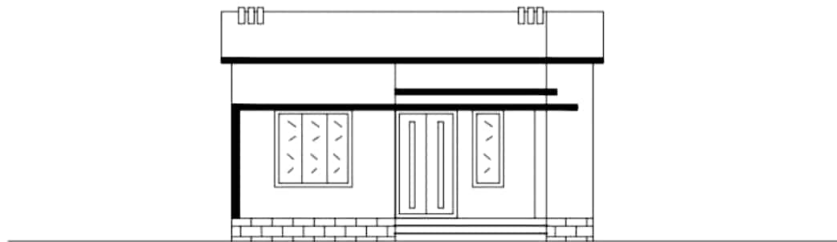
Following the initial site measurements and, the project team identified the need for a redesign of Sukumaran’s plot to optimize space utilization, enhance the functionality of the house, and ensure adherence to local building codes. On November 8, 2023, the revised plot design, incorporating the necessary modifications, was formally submitted to KCF for review and approval. The submission of the redesigned plot marked a crucial step in ensuring that the Dream House project would meet the needs and requirements of both the beneficiary family and the regulatory authorities.

3.4 10/11/2023 (Contractor Engagement and Agreement):

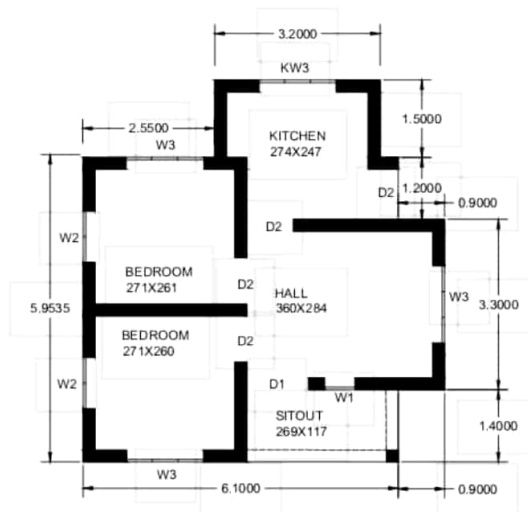
On November 10, 2023, NSS MEA110 entered into a formal agreement with Mr. Latheef, an experienced and qualified contractor, to undertake the foundation to tiling works for the construction of Sukumaran's house under the Dream House project. The agreement outlined the scope of work, the timeframe for completion, the payment terms, and the responsibilities of both parties in ensuring the successful execution of the contracted works.



PROPOSED RESIDENTIAL BUILDING FOR Mr. SUKUMARAN IN
RSNO:213/2-7 MELATTUR VILLAGE, WARD NO:XIV, MELATTUR
PANCHAYATH AT CHEMMANIYODE



ELEVATION



GROUND FLOOR PLAN
AREA :43.7M²(470SQFT)

AJUL ANJAH
Mundambra (H) Nambooripotty P.O.
REGD. ENGINEER - A
Reg.No.E-2050/08/16990/KKD/4/2020/EA
DEPARTMENT OF URBAN AFFAIRS
GOVT. OF KERALA

3.5 13/11/2023 (Foundation Rework Initiation):

On November 13, 2023, the construction team commenced the rework of the foundation for Sukumaran’s house under the Dream House project. This rework was necessitated due to unforeseen structural issues identified during the initial construction phase. The decision to rework the foundation was made in consultation with the contractor, architects, and KCF representatives to ensure the long-term stability and safety of the house.



3.6 16/11/2023 (Ensuring Water Access for Construction):-

Recognizing the importance of water access for the construction process, NSS Volunteers proactively purchased a motor for water pumping and its parts on November 16, 2023, at a cost of rupees 11,600/-. This initiative ensured that the construction team would have a reliable and adequate supply of water for mixing concrete, washing materials, and maintaining a clean and hygienic work environment.



3.7 16/11/2023 (Installation of Water Pumping System):

Following the purchase of a motor for water pumping and its parts on November 16, 2023, NSS Volunteers demonstrated their dedication and technical skills by installing the motor and pipelines on November 17-18, 2023. This hands-on involvement ensured that the water pumping system was properly installed, connected to the water source, and ready to provide the necessary water supply for the construction process.



3.8 21/11/2023 (Belt Concrete Construction):

On November 21, 2023, a significant milestone was achieved in the construction of Sukumaran’s house under the Dream House project with the completion of the belt concrete. The belt concrete, also known as the plinth beam, forms a crucial structural element that acts as a transition between the foundation and the upper walls of the house.



NATIONAL SERVICE SCHEME UNIT 110
MEA ENGINEERING COLLEGE
VENGOOR P O , PERINTHALMANNA
MALAPPURAM - 679325

To,

KCF Homes Project

KTU NSS

23-11-2023

Subject: Request letter for sanction 2nd installment amount for Mr. Sukumaran (H/O Thanooja Sweeper MEAEC) home project.

Respected sir,

Firstly thank you for accepting our first project under NSS unit 110 at Chemmaniyod for Mr. Sukumaran and credited 25,000/- on 20-10-2023. Our volunteers visited the location and preliminary work of cleaning and motor fitting work are completed. Based on the final design, agreement is signed for Rs 5.5 lakhs work from foundation belt concrete to floor work without considering painting, plumbing and wiring. Other works NSS volunteers will take. After some rearrangement work in foundation, belt concrete was completed on 21-11-2023 as per approved plan. So, I am requesting to transfer 2nd installment amount of Rs 75,000/- as soon as possible. Report is attached to this.


Muhammed Ranees. K.T
Programme Officer
APJAKTU NSS Cell
Unit No. 110
MEA Engineering College
Perinthalmanna - 679325

Thank you

Yours faithfully