

नभांगण फाउंडेशन



NABHANGAN
— FOUNDATION —

A not-for-profit NGO working in the fields of rural regeneration & community building to empower villages to self-reliance.

WHAT IS NABHANGAN FOUNDATION?

WHY RURAL INDIA ?



UNEMPLOYMENT
SUICIDE
CLIMATE DEATHS
DROUGHTS
URBAN MIGRATION
EDUCATION DROPOUT
HEALTH ISSUES
ECONOMIC CRISIS
AGRICULTURE STRESS

68.6%

Population of total
population stay in
Rural India

70%

Rural economy
dependent on
farming/agriculture

65%

Degradation of
natural resources
in Rural India

25%

World's food
production
from Rural India

OUR TWO VILLAGE WITH DIFFERENT CONTEXT & CHALLENGES



PANDHARI PIMPALGAON

- Peri urban
- Water crisis
- Health & Sanitation
- Unsafe school structure
- Detachment from Agriculture
- Affected by climate change



MATHJALGAON TANDA

- Remote underdeveloped
- Difficult accessibility
- Water crisis
- Health & Sanitation
- Unsafe school structure
- Detachment from Agriculture
- Gentrification & Migration
- Child marriage
- Unemployment
- Less labour wages
- Informal labour sector issues
- Domestic violence
- Agriculture lesser output
- Affected by climate change
- Homeless

TWO DIFFERENT CONTEXT

MANY CHALLENGES

NO COMMUNITY SUPPORT

DISAPPEARED FROM ANY
DEVELOPMENT PLANS

CAPACITY BUILDING PROGRAM - ISSUES



SURVEY, ISSUES, FEEDBACK, SOLUTION BY VILLAGERS OF PANDHARI



SANITATION SOLUTION & AWARENESS WITH EXPERTS



HEALTH CHECK UP BY DR. HADI



PANDHARI WATER WORK



MATHJALGAON WATER WORK

Empowering our roots to embrace the skies

A foundation that belongs to each and every person who wants to make a difference, who thinks that change begins from each of us.



FARMERS EDUCATION & EMPOWERMENT

As a young and active farmer, he not only realized the need to address the growing number of farmer suicides but also took a lead to revive an ancient river had gone dry for 15 years, which changed the face of farming for their village and thereby their lifestyle.

- Yogesh Kalore, Pandhari village,
Maharashtra (30 year, Male)



SOCIAL ENTERPRISE WITH WOMEN

We believe empowerment and opportunity go hand in hand. Asha Tai embraced our belief by leading a team of village women in making cloth bags by reusing old material. Thereby helping the women to earn and save their income and become independent to take on roles of leadership in the future/in their households/lives.

- Asha tai, Pandhari village,
Maharashtra (50 year, Female)



ART & CRAFT IN VILLAGE KIDS LIFE



ART, COLORS, NEW CLASSROOM APPROACH

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SCIENCE, CREATION, FARM INNOVATION PROGRAMS



HEALTH & HYGIENE PROGRAM

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HYGIENE & SANITATION ACTIVITIES



NEW ZILLA PARISHAD SCHOOL MODEL

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NEW ZILLA PARISHAD SCHOOL MODEL



NEW ZILLA PARISHAD SCHOOL MODEL

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NEW ZILLA PARISHAD SCHOOL MODEL

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ZILLA PARISHAD SCHOOL VISIT TO FILM SCHOOL



SWACHH BHARAT TOILET BUILT BY FAMILY FROM PANDHARI



VILLAGERS TAKING LEADERSHIP & OWNERSHIP SLOWLY

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OUR LEARNING FROM TWO VILLAGE WITH DIFFERENT CONTEXT



PANDHARI PIMPALGAON

- Community involvement through time, money & suggestions, ownership
- Capacity building
- Educate for health, hygiene, finance, policies, education, climate
- Parallel income/activity required
- Awareness for finance management
- Access to education, water, sanitation, housing
- Research on context, culture, need
- Nutrition & food



MATHJALGAON TANDA

- Community involvement through time, money & suggestions, ownership
- Involvement in social issues
- Capacity building
- Research on context, culture, need
- Social awareness activities for education, child marriage, health, jobs
- Improvement in basic infrastructure
- Nutrition & food

MAKE PEOPLE LEADERS

RESPECT CULTURE & NEED

INNOVATE & IMPLEMENT

ACCESS TO EDUCATION IS

BASE FOR DEVELOPMENT

MULTI STAKEHOLDER APPROACH OF NABHANGAN



GOVERNMENT

Policies
Projects/Schemes
Stakeholders on
Board
Funding
Approvals
Awareness
Ownership
Maintenance



NABHANGAN

Study & Analysis
Issue identification
Strategy
Proposal
Estimation
Work with Gov.
Capacity building
Experts on board
Facilitation
Implementation
Monitoring
Handover
Training
Impact study
Scale up proposal
CSR funding
Human resources



COMMUNITY

Participate
Listen
Involve
Feedback
Leadership
Labour/Team
Local resources
Ownership
Maintain
Self sustainable
Replicate

OUR FOCUS AREA FOR RETHINKING VILLAGES

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SUSTAINABLE RURAL
REGENERATION



COMMUNITY
EMPOWERMENT



VILLAGE SOCIAL
ENTERPRISE

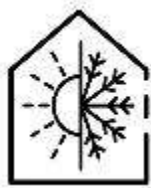
OUR FOCUS AREA				
Healthcare	Livelihood Development	Education	Water	Governance
Addressing the healthcare needs of communities.	Through agriculture and agro-based livelihood opportunities.	Including access to education, digital learning and other education aid.	Rain water harvesting through watershed development, irrigation water.	Strengthening of local government bodies like Gram Sabhas.

METHODOLOGY OF RURAL REGENERATION FROM LEARNING

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Need of **Design innovation** in Rural India, Advocacy, Research, Implementation plan



New approach **climate smart infrastructure**, contextual, multipurpose



Governance - New method of **Inclusive governance**, leadership, monitoring of policies, community involvement



Parallel economic opportunities throughout the year, finance management training



Capacity building design, implementation approach, experts involvement



Creation of infrastructure, opportunities to **reduce urban pressure &** migration, create aspiring rural life

HOW WE DO IT ?



Identify village, Enter & Interact



Evaluate status & Identify issues

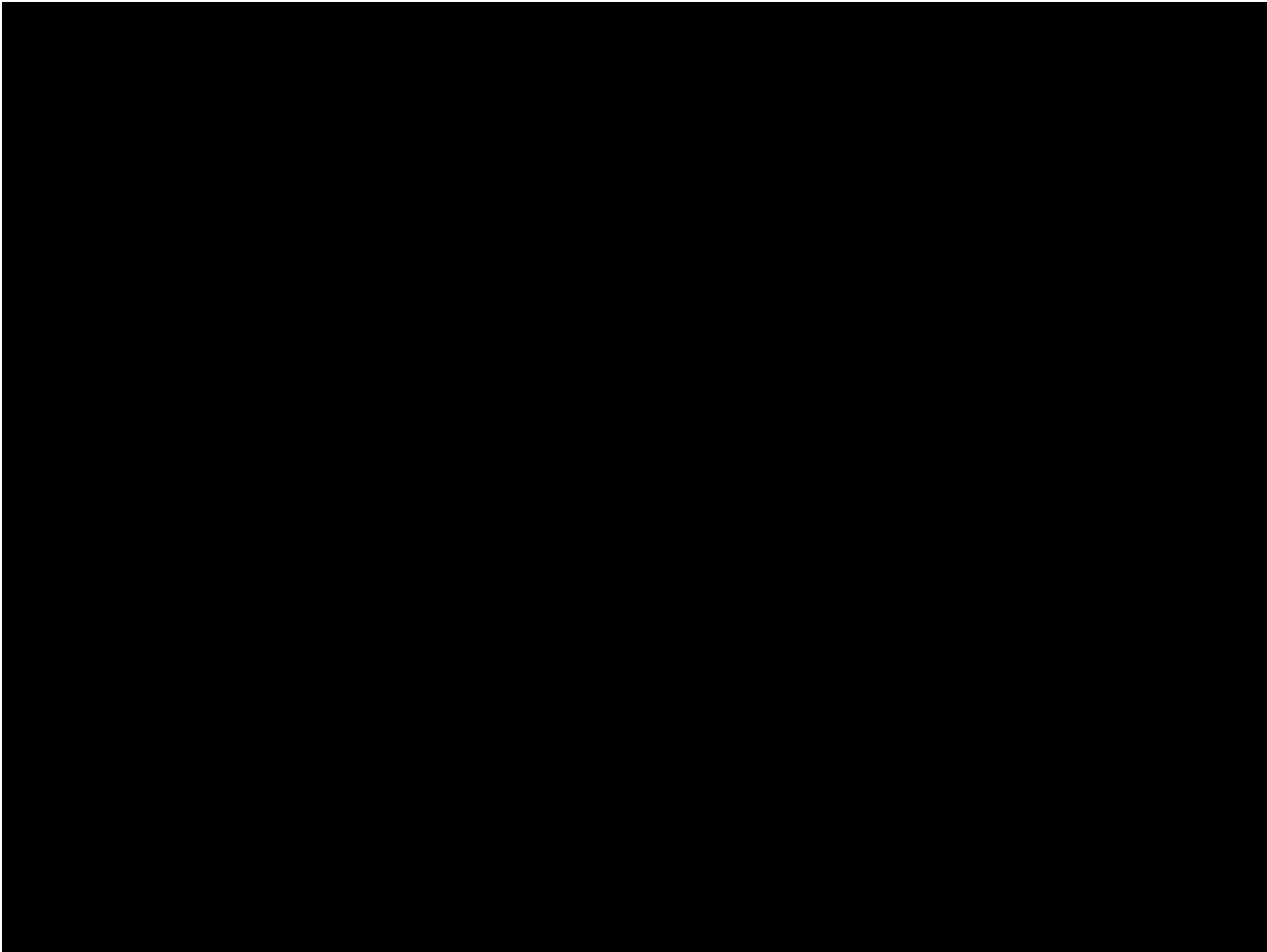


Capacity building workshop, Community suggestions, team development



Community driven development vision - short term project with long term improvements

BUT WHAT WE FACE WITH COMMUNITY?



BUT WHAT WE FACE WITH COMMUNITY?



WHAT DO WE DO



BUT WHAT WE FACE WITH COMMUNITY?

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OUR TEAM & ADVISORY BOARD



Rajshri Deshpande
Founder, Actor &
Social Activist



Rajendra Singh
Water man of India,
Water conservationist



Juhi Chawla
Film actor &
Environmentalism



Sukant Panigrahy
Artist, Sustainable
waste management
expert



**Gautam
Bandyopadhyay**
Environmentalism



**Khaitan legal
associates**
Legal advisor



Madhura Joshi
Architect, Capacity
building & rural
development strategy
consultant



Nawdeep Puranik
IIMA Alumni &
Strategist



R.S. Sonavane
Irrigation & Water-
shed management



Dr. Hadi Shaikh
Health & Hygiene



Dr. Ajit Gokhale
Environmentalism &
Sanitation expert

ACHIEVEMENTS

Water Hero - India Environmental Festival

Sakal Women Impact Award

Women on a Mission Award

Tedx speaker

Lokmat Women on social work



FIRST STEP

RETHINK VILLAGES THROUGH SCHOOLS



Vision

Regeneration of rural pockets of India through sustainable development

BUT WHY GOVERNMENT SCHOOLS AS A PART OF SUSTAINABLE RURAL DEVELOPMENT PLAN?

First phase of Vision plan

Sustainable development of 25 villages in Marathwada as a pilot project to achieve access to education, health, infrastructure, water with new approach



Zero Land investment

Most important place in any village for kids, families in terms of development, engagement,



Community active role

Community will give more importance & support without dispute, no land ownership issues, Active involvement of villagers



Access to Education

Community will give more importance & support without dispute, no land ownership issues, Active involvement of villagers



Centre of new rural india, new agriculture

Community will give more importance & support without dispute, no land ownership issues, Active involvement of villagers

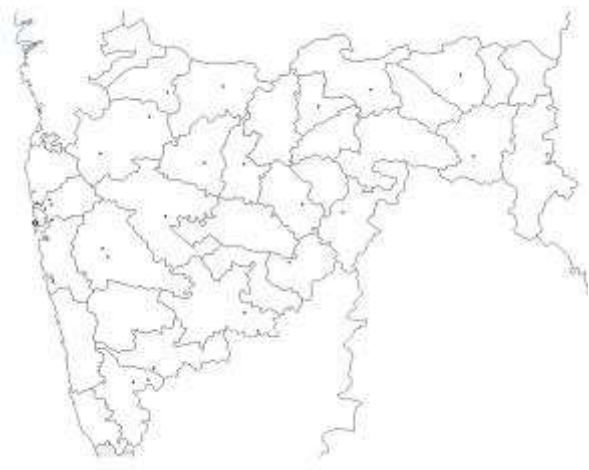
WHAT WE ARE PLANNING TO DO IN SCHOOL PROJECT?

Objective :

To achieve the sustainable development village plan, first step is to re-establish the falling education system and give access to it by achieving objectives as mentioned below;

- Identify issues of maximum school drop out and lack of education
- Develop sustainable and affordable school infrastructure model
- Reduce dependency on large infrastructure of school for basic amenities by building eco sensitive structure
- Develop design of building to reduce the maintenance of government buildings of next 10 years
- Develop multi stakeholder model of schools for Zilla parishad to build ownership and pride within the villagers
- Create multipurpose utility of Zilla parishad school model to promote art, culture, environment, social awareness, agriculture through single investment of infrastructure

WHERE RURAL MAHARASHTRA IS STANDING TODAY?



36

no. of districts in Maharashtra

18,000

no. of villages with

54%

of population in rural maharashtra(6,15,56,074)

12%

of the rural population are childrens in maharashtra is (76,88,954)

64%

of the rural population is literate in maharashtra (3,98,88,335)

47000

no. of rural schools in Maharashtra

7050

no. of (15%) rural schools are in bad state, need immediate attention

9 lakh

students don't have safe schools to attend in Maharashtra

AURANGABAD DISTRICT - AS A PILOT PROJECT



1

Aurangabad district

190

no. of villages with

393

no. of rural schools in Aurangabad

3750

no. of students don't have safe space to learn

25

Schools as a pilot project in Aurangabad



WHY SCHOOLS?

HOW CAN WE ACHIEVE THIS ISSUE OF ACCESS TO EDUCATION?



9 lakh students with
7050 schools

HOW CAN WE ACHIEVE THIS?

- IDENTIFY
- FINANCE
- DESIGN
- IMPLEMENT
- HANDOVER
- MAINTAIN

CURRENT SCHOOL STATUS

RETHINKING VILLAGES THROUGH SCHOOLS

EXISTING ZILLA PARISHAD SCHOOL CONDITION - AURANGABAD



EXISTING ZILLA PARISHAD SCHOOL CONDITION - AURANGABAD

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EXISTING ZILLA PARISHAD SCHOOL CONDITION - AURANGABAD

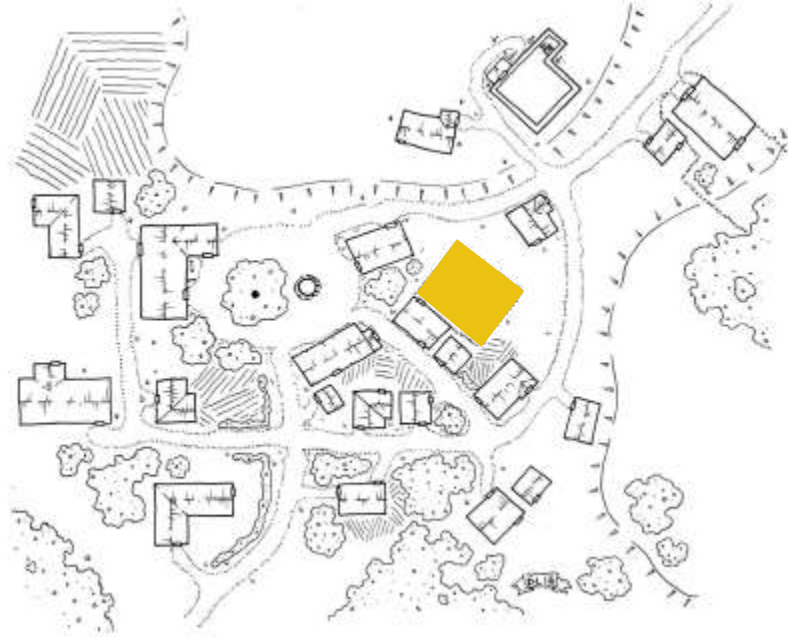
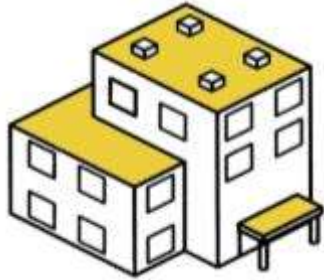
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DESIGN APPROACH

RETHINKING VILLAGES THROUGH SCHOOLS

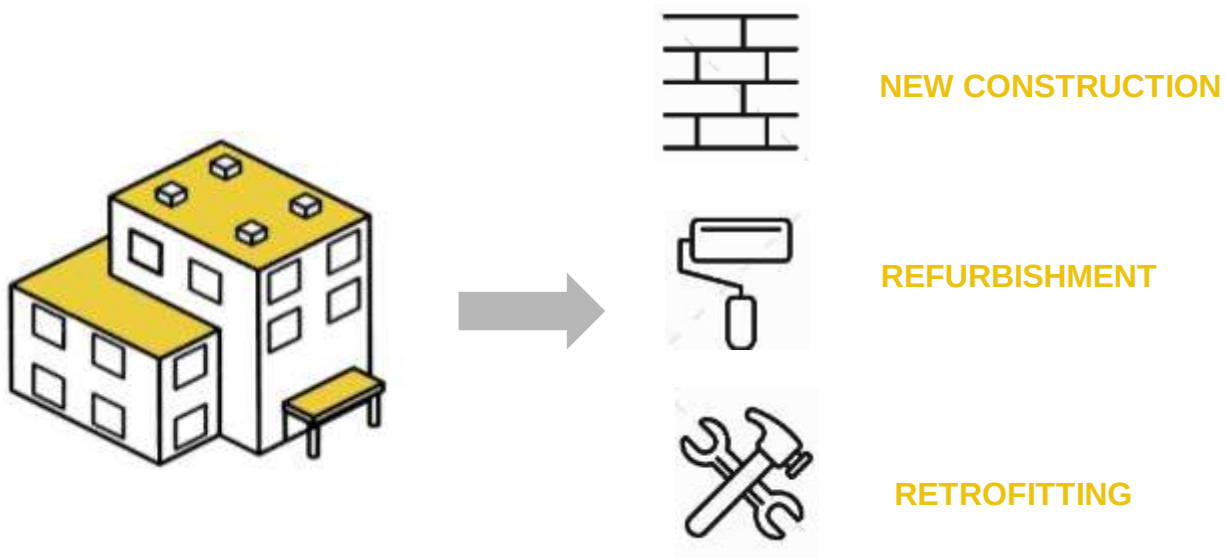
STEP ONE - IDENTIFY



ENTER VILLAGE

Identify school, conduct community meetings & surveys, gather data for design approach

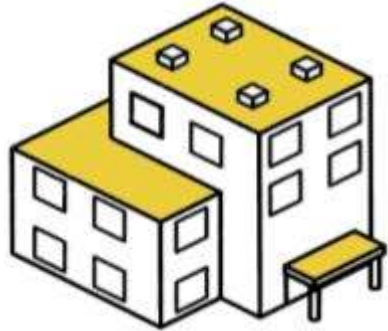
STEP TWO - ANALYSE



DATA DRIVEN PROCESS

Categorise all schools in pilot project under new school/retrofitting/refurbishment

STEP THREE - PARTICIPATION



SURVEY



FEEDBACK

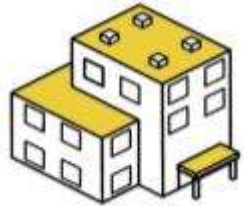


COMMUNITY DRIVERS

PARTICIPATORY DESIGN APPROACH

After survey data present school vision to villagers for feedback, identify leaders for project, understand culture

STEP FOUR - DESIGN PROCESS



**CLIMATE
RESPONSIVE**



**COMMUNITY
PARTICIPATORY
DESIGN**



**CULTURE &
ENVIRONMENT**



**EDUCATION -
FUN LEARNING**

NABHANGAN SCHOOL - REMODELING SCHOOL UNDER THE TREE

Climate smart construction, Towards zero carbon, Respect local culture & environment, Bring new approach, Smart spatial planning, Fun learning

STEP FOUR - NABHANGAN ZILLA PARISHAD SCHOOL DESIGN MODEL



1. CLIMATE RESPONSIVE & CONTEXTUAL ARCHITECTURE
2. RESPECT SITE ENVIRONMENT & CULTURE
3. FUN LEARNING ENVIRONMENT
4. SAFE, HYGIENE PLACE, DISABLE FRIENDLY
5. RECYCLE PLAY AREA
6. MATERIAL & CONSTRUCTION INNOVATION
7. AFFORDABLE & DURABLE STRUCTURE
8. LANDSCAPE & SERVICES WITH MINIMUM MAINTENANCE
9. WASTEWATER & RAINWATER PLANT
10. EMPOWER COMMUNITY

DESIGN OR SOLUTION

PRESENT VISION FOR EACH SCHOOL TO VILLAGERS, TEACHERS, STUDENTS - COMMUNITY DRIVEN DESIGN

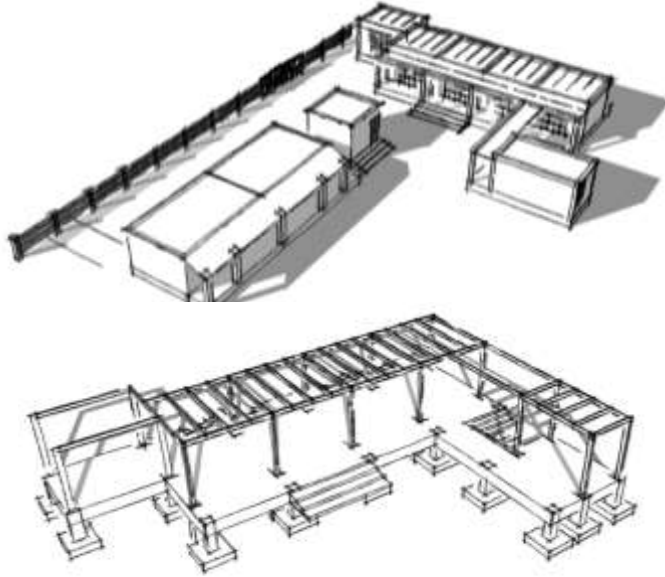
STEP FOUR - DESIGN OF PANDHARI SCHOOL



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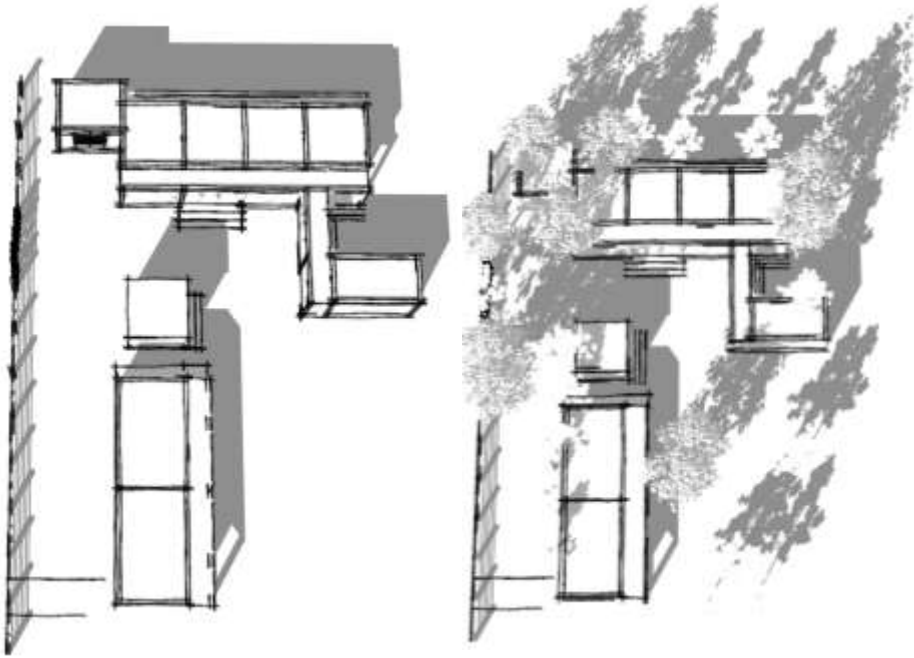


STEP FOUR - DESIGN OF PANDHARI SCHOOL



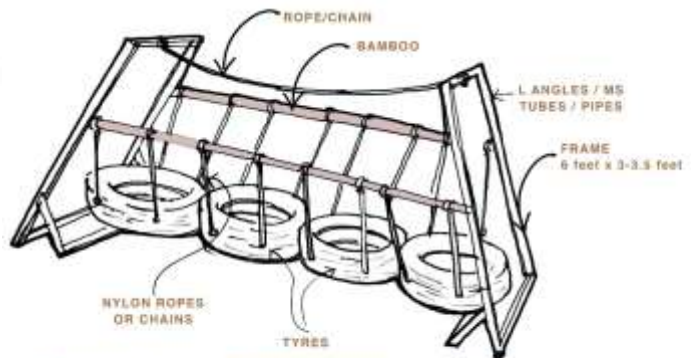
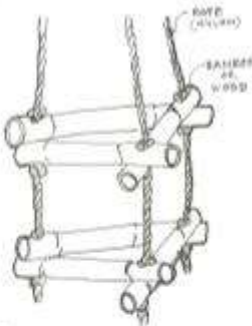
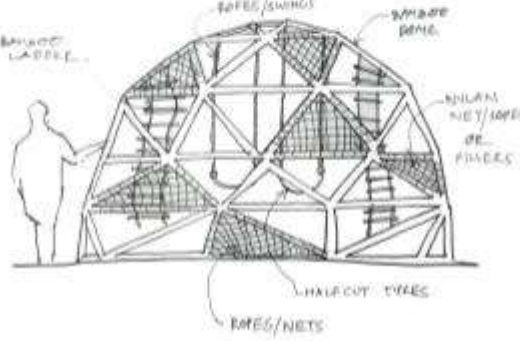
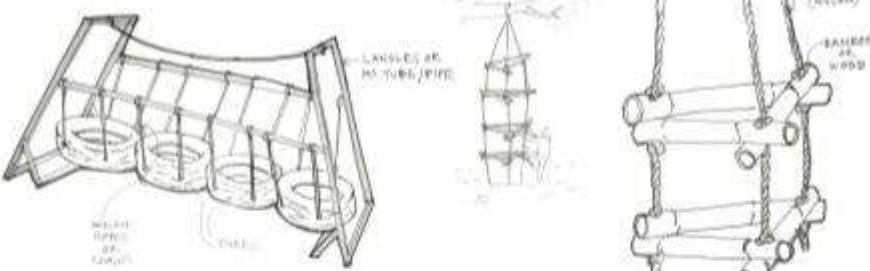
CLIMATE RESPONSIVE + CONTEXTUAL ARCHITECTURE + DESIGN & CONSTRUCTION INNOVATION

STEP FOUR - DESIGN OF PANDHARI SCHOOL



RESPECT CULTURE & ENVIRONMENT + CREATE ECOSYSTEM + PROTECT & GROW GREEN POCKETS

STEP FOUR - DESIGN OF PANDHARI SCHOOL



01 TYRE WALKING AND JUMPING



01 TYRE
- Quantity: Number 4-5
- Size: 24-25 inches

02 FRAME OPTION 1 - Wooden post:
Quantity:
- 8 feet 4 number
- 3.5 feet 4 number
- Size: 6 feet height & width 3-3.5 feet

02 FRAME OPTION 2 - L ANGLE
Quantity:
- 6 feet 4 number
- 3.5 feet 4 number
- Size: 6 feet height & width 3-3.5 feet

03 STEEL CHAIN FOB TYRE
- Quantity: 16-20 pieces
- Size: 3-4 feet length

04 ROPE
- Quantity: 3-4 pieces
- Size: 10-12 feet length

PLAY AREA + REDUCE-REUSE-RECYCLE + PHYSICAL ACTIVITY + SPORTS FESTIVALS

STEP FOUR - DESIGN OF PANDHARI SCHOOL

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NEW APPROACH TO LEARNING + INTERACTIVE EDUCATION + CLASSROOM FOR BRIGHTER FUTURE

STEP FOUR - DESIGN OF PANDHARI SCHOOL



COMMUNITY DIRVERS + CREATIVE COLLABORATION + USER OF ALL AGE GROUP INVOLVED

STEP FOUR - ACTUAL PHOTOS OF SCHOOL CONSTRUCTION

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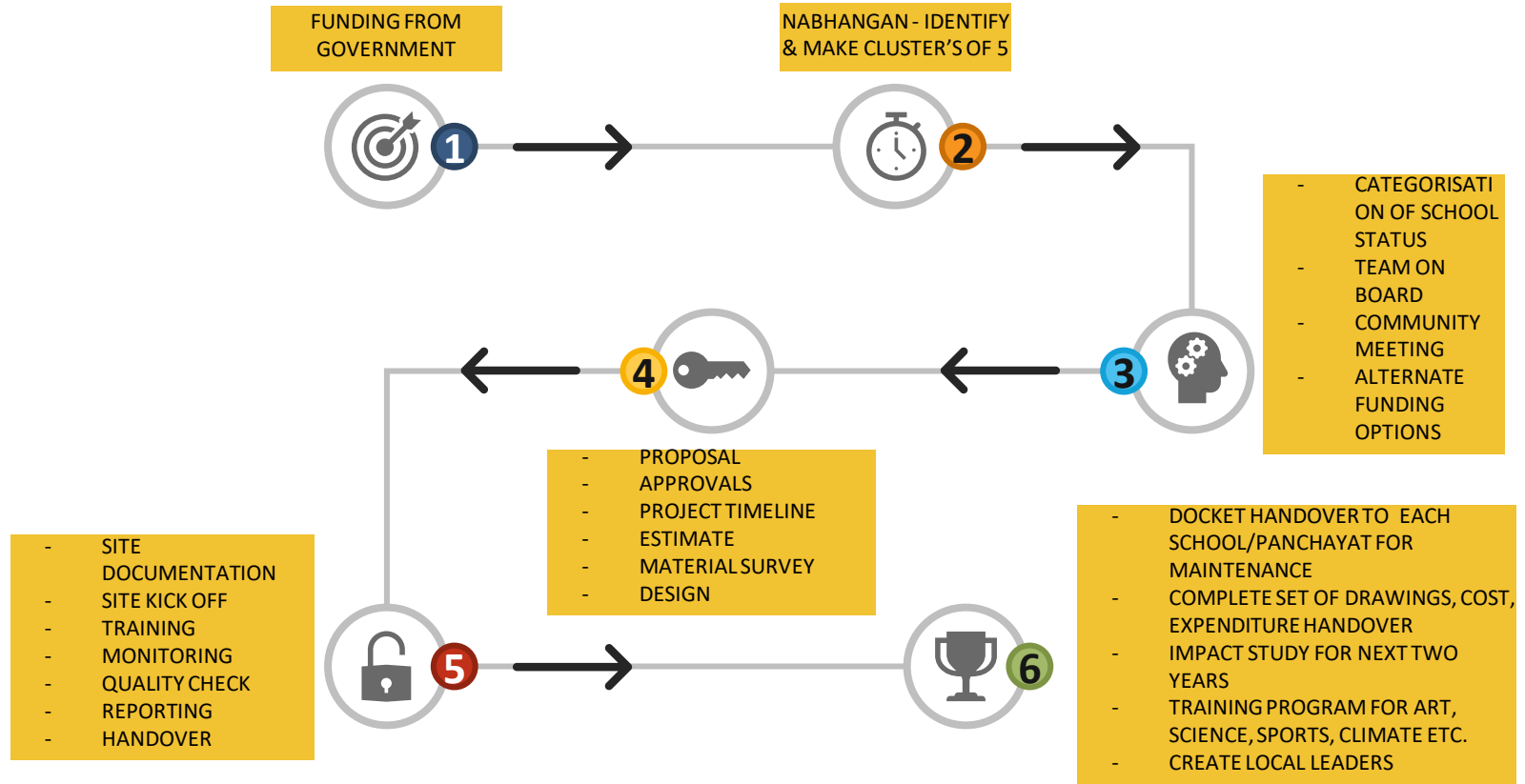
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OUR PROPOSAL - 25 NEW SCHOOLS

RETHINKING VILLAGES THROUGH SCHOOLS

NABHANGAN PROPOSED MODEL FOR 25 VILLAGES (ZILLA PARISHAD SCHOOLS)



DON'T EXIT, OWN IT, RUN IT, REPLICATE IT, CREATE MORE, CREATE LOCAL LEADERS

LET'S CREATE BETTER ACCESS TO EDUCATION TOGETHER

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जिल्हा परिषद
महाराष्ट्र शासन



NABHANGAN
— FOUNDATION —



सत्यमेव जयते
GOVERNMENT OF
MAHARASHTRA

**NEW FACE OF ZILLA PARISHAD MARATHI MEDIUM
SCHOOLS**



