Chandrapur Forest Academy of Administration, Development and Management, Chandrapur, Maharashtra

Status, Review, Concept with respect to Proposed Academic and Training Modules and proposed Facilities

Dr. Shivaji Chavan and Dr. S,P Goyal

Joint Effort- Wildlife Institute of India and Wildlife and We Protection Foundation

Maharashtra State Academy of Wildlife Management and Forest Productivity, (MSAWMFP)

Chandrapur, Maharashtra

A State of the Art -'Center Of Excellence' in Country

Note- as per ' Government of Mahrashtra notification

VISION

Establish, Develop and Emerge as one of the leading
'Centre of Excellence'
in Forestry, Environment, Natural Resource Conservation
and
Sustainable Development in the Country

Mission

- Promote, Develop and Institutionalize Comprehensive and Integrated Approaches using innovation in planning and management for conservation, by keeping abreast with emerging trends.

- Assessment of Target Specific Training Needs , development of Training Content, Modulation of Capacity and Competency Based Protocols for Resource Managers in Forestry, wildlife , Environment and allied disciplines.

- Ensure Vertical and Horizontal Integration of Capacity and Competency Building initiatives in Human Resource Development and Management for synergized effectiveness and efficiency in all strata.

Objectives

- To conduct a Target Specific Training Needs Assessment on a continuous periodic basis.
- To develop Target Specific Long Term, Moderate Term and Short Term Modular Course Pattern in selected targeted disciplines.
- To evolve and develop Learning and Training Content.
- To conduct Capacity and Competency Building Training Programs in Forestry, Wildlife, Environment and Allied Disciplines.
- To develop a Continuous Periodic Capacity and Competency Building Protocol for HRD.
- To imbibe the culture with emphasis on 'Learning and not just 'Training'.
- To develop ' State of the Art' infrastructure for Implementation of various planned initiatives.
- To establish, develop and implement 'eLearning , and Management System(LMS)' and Distance Learning

Strategy-1

- Adoption of Organizational Development Mapping Principals to track the Establishment, Development, Implementation, Management and Monitoring and Evaluation of the Organisation.
- Recourse to outsourcing and hiring expertise to deliver the best possible outputs and ensure the quality organisation.
- Design and Develop Course Modules of various demand based timeframes for main and co-lateral entrants.
- Address Capacity and Competency needs, in concerned and related disciplines , over the entire country, with emphasis on southern India.
- Developing a perspective for Linkages with and become an integral component of 'Organisational Web' over the world.
- Networking with Government of India and State Government Institutions and organizations in Forestry and allied disciplines across the country , through Collaborations and Partnerships.
- Developing a 'Centre of Excellence and State of the Art Wildlife Forensics' Facility comparable to international standards

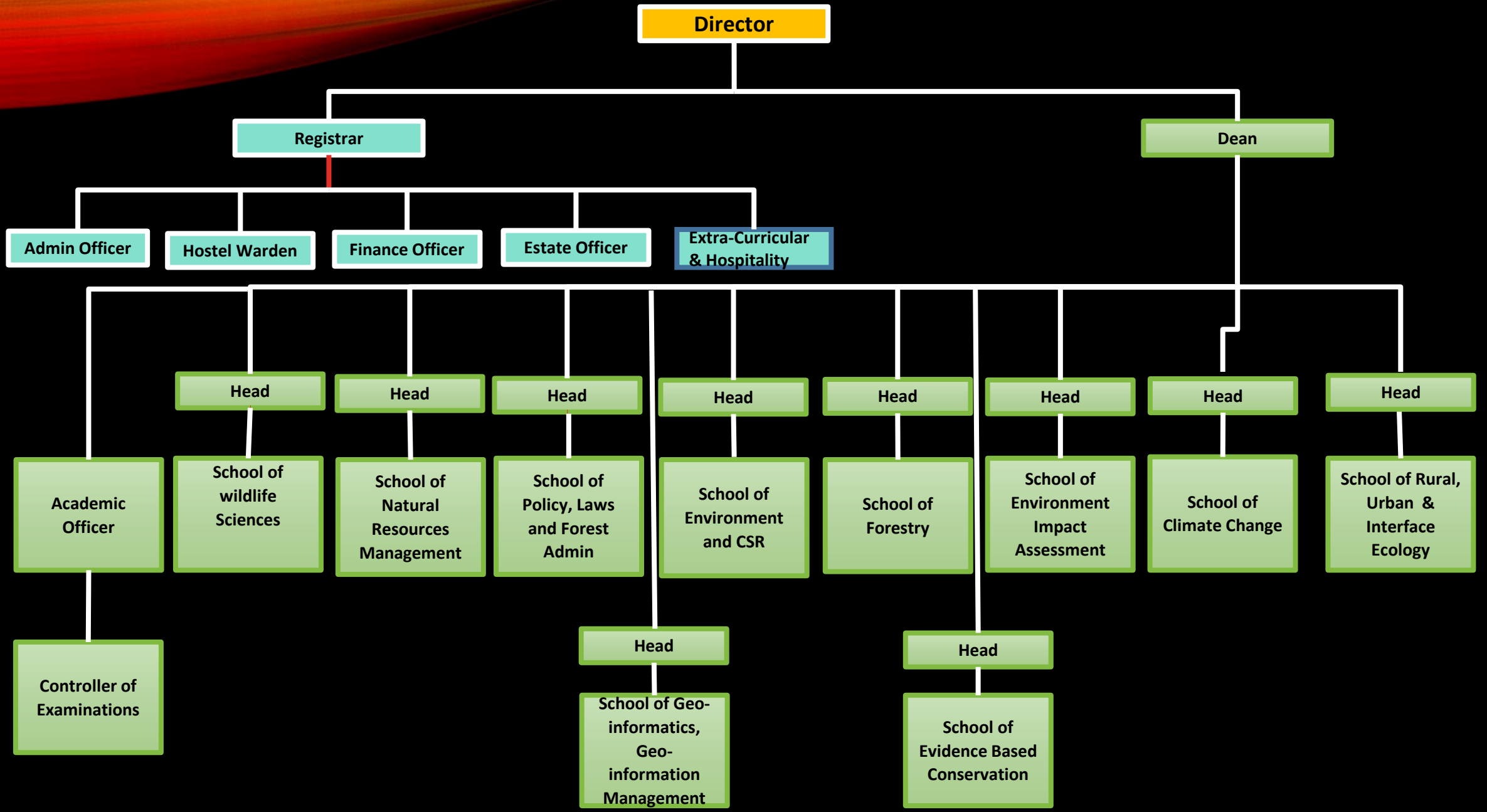
Strategy-2

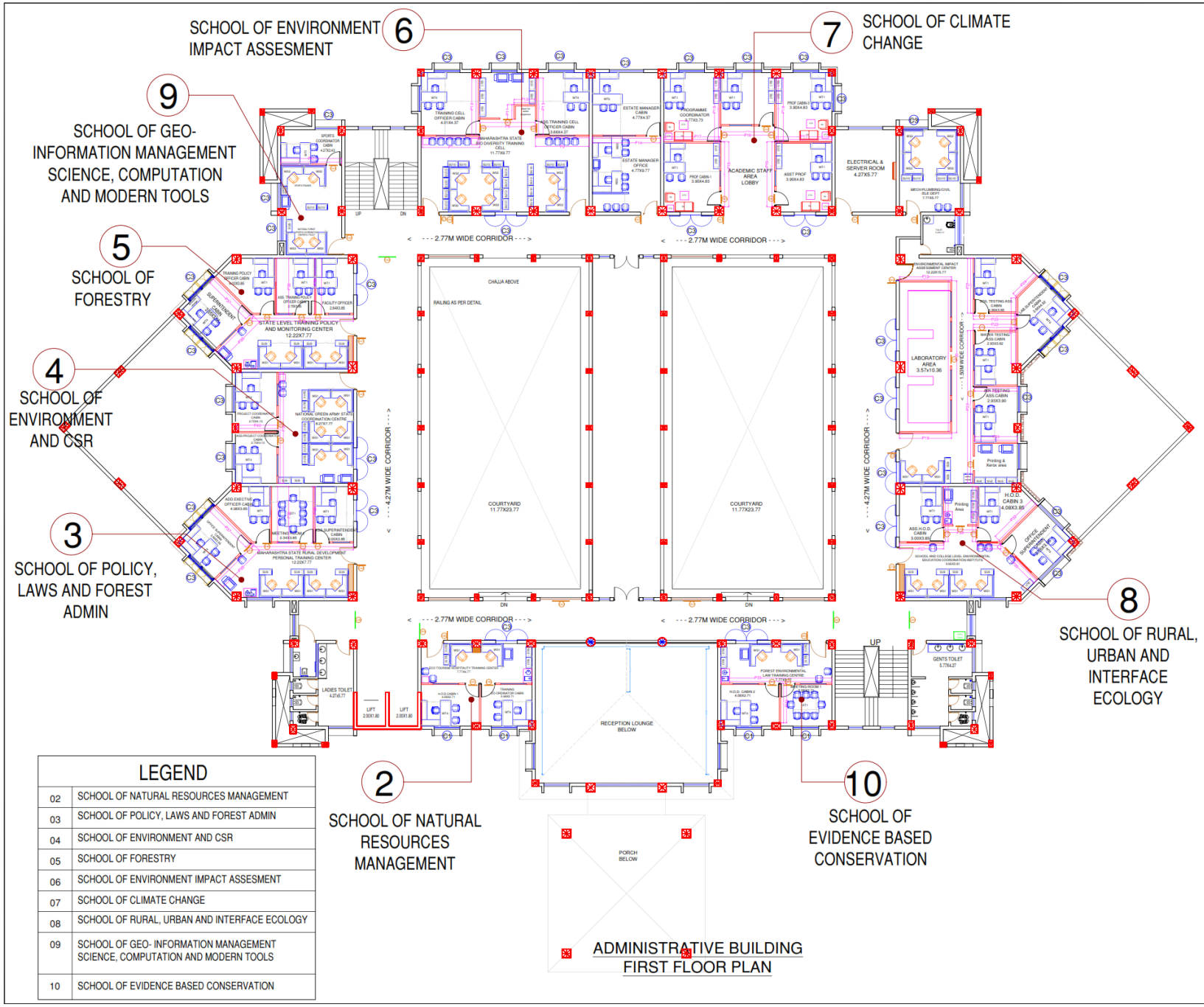
- **Establishment of an Analytical Laboratory for Toxicology studies to support Investigations in Offence Cases.**
- **Establishment of a Museum and Demonstrative Facility for Wildlife.**
- **Development and Management of ‘ Interpretation and Conservation Education Facility’ along with ‘ Education for Sustainable Development.**
- **Centre for ‘ Evidence Based Conservation’.**
- **Establishment of Wildlife Heath Centre with ‘State of the Art’ Veterinary Facilities.**
- **Establishment of a “e-learning- Learning Management System (LMS)” for Webinars, Web Classrooms, Outreach Training Activities, and in-situ Training and Demonstration Programs for Field Functionaries.**
- **Establishment of a Regional Centre of ‘World Conservation Monitoring Centre’**
- **Establishment ‘Research, Training and Education Hub’ with a National Level Data Repository for Forestry, Wildlife, Environment and Allied Disciplines to support. Research, Training and Education endeavours of the Academy.**
- **Empowerment of Youth and Women in Conservation**

Our Enablers

- State of Art Planning and Infrastructure Development
- Optimum Campus Size ensuring future expansion
- A strong commitment of the Government of Maharashtra
- A dedicated team of planners
- Envisioning Capability par excellence
- Assured sustained Funding
- Organisational Structure conducive to Partnerships and Collaborations
- PPP and PPCP
- CSR Based Approaches
- International Cooperation, Collaborations and Partnerships
- Alignment with the National Initiatives and State Initiatives.
- Alignment and Realignment Flexibility and adaptataion with United Nations Programs and Initiatives
- Competent Team of Advisers and Consultants

Proposed Organisational Structure





LEGEND

02	SCHOOL OF NATURAL RESOURCES MANAGEMENT
03	SCHOOL OF POLICY, LAWS AND FOREST ADMIN
04	SCHOOL OF ENVIRONMENT AND CSR
05	SCHOOL OF FORESTRY
06	SCHOOL OF ENVIRONMENT IMPACT ASSESMENT
07	SCHOOL OF CLIMATE CHANGE
08	SCHOOL OF RURAL, URBAN AND INTERFACE ECOLOGY
09	SCHOOL OF GEO- INFORMATION MANAGEMENT SCIENCE, COMPUTATION AND MODERN TOOLS
10	SCHOOL OF EVIDENCE BASED CONSERVATION

ADMINISTRATIVE BUILDING FIRST FLOOR PLAN

NOTES:
1. ALL THE DIMENSIONS MENTIONED ARE IN MM.
2. ALL LEVELS INDICATED ARE IN MTS.
3. DRAWINGS NOT TO BE SCALED ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. ALL DIMENSIONS / LEVELS SHOWN TO BE VERIFIED AT SITE BEFORE COMMENCEMENT OF WORK.
5. ANY DISCREPANCIES FOUND IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
6. RELEVANT SERVICES DRAWING TO BE READ SIMULTANEOUSLY.
7. ALL CENTRE LINE DIMENSIONS WITH REFERENCE TO (U.S).
8. ALL LEVELS INDICATED ARE UNFINISHED LEVELS(MAIN R.C.C. FLOOR).
9. FINISHED FLOOR TO BE 150MM FROM UNFINISHED FLOOR LEVELS.
10. ALL MATERIALS, FINISHES ETC TO BE AS SPECIFIED AND APPROVED.

REVISIONS:

NOS.	DESCRIPTION	DATE	REMARK
01	XXXXX		

KEY PLAN

OPENING SCHEDULE

PROJECT
BUILDING CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT FOR CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

SITE ADDRESS
FOREST RESERVATION CLASS NO . 422,423 ,CHANDRAPUR.

CLIENT
CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

CLIENT : EXE ENGG — STAMPS / SIGN

CLIENT : PWD — STAMPS / SIGN

CLIENT : DIRECTOR--Forest Academy — STAMPS / SIGN

ARCHITECT — STAMPS / SIGN

ARCHITECT
AJ Architects And Interior Designers Pvt.Ltd.
7,Aasmant apts,Opp SNDT Karve Road,
Erandawane,Pune.-411004.
(India) : 020 - 25452310
Email : ajarch@vsnl.net

DRAWING TYPE: TENDER DRAWING
BUILDING NAME: ADMINISTRATIVE BUILDING
DRAWING NAME: FIRST FLOOR FURNITURE LAYOUT
SCALE: | DATE: | JOB No.: | REVISION: R0 | NORTH
DRAWN BY: | CHECKED BY: | STATUS:

THIS DRAWING IS THE SOLE PROPERTY OF AJ ARCHITECTS PVT. LTD.
USE OF THIS DRAWING FOR ANY PURPOSE OTHER THAN THAT MENTIONED TO BE DONE ONLY AFTER THEIR PRIOR APPROVAL.

Methodology and Tools

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

1. School of Wildlife Sciences

Short Courses

- ❑ Field Techniques and Field Craft
- ❑ RS-GIS Applications
- ❑ Ecological Status Modeling
- ❑ Nature Photography
- ❑ Ecological Census Techniques
- ❑ Human-Wildlife Conflict
- ❑ Modern Tools in Wildlife Conservation
- ❑ Nature Interpretation and Education
- ❑ PRA/RRA for Community Participation

Certificate Courses

- ❑ Wildlife management
- ❑ Eco restoration
- ❑ Monitoring Animal Population
- ❑ Field Techniques in Wildlife Conservation
- ❑ Human-Wildlife Conflict
- ❑ Fire Management
- ❑ Zoo Management
- ❑ Management of Wildlife in Rescue Centre
- ❑ Rehabilitation of people from Pas
- ❑ Capture, Rescue, Translocation and Wildlife Handling
- ❑ Wildlife Health
- ❑ Ecotourism and Interpretation
- ❑ Wildlife Crime Management
- ❑ Corridor Management
- ❑ Human dimension in Conservation
- ❑ RS-GIS
- ❑ Media
- ❑ Ecosystem Analysis

Post Graduate Diploma

- ❑ Wildlife Management
- ❑ Wildlife Health
- ❑ Ecotourism and Interpretation
- ❑ Modern Tools in Wildlife Management
- ❑ Wetlands and Marine Protected Area Management

Msc. and Ph.D in Wildlife Management

Priority Courses with Immediate Effect

Short Courses

- Field Techniques and Field Craft
- RS-GIS Applications
- Ecological Status Modeling
- Nature Photography
- Ecological Census Techniques
- Human-Wildlife Conflict
- Modern Tools in Wildlife Conservation
- Nature Interpretation and Education
- PRA/RRA for Community Participation

Wildlife and We Protection Foundation

Certificate Courses

- Wildlife management
- Ecotourism and Interpretation
- Wildlife Crime Management
- Corridor Management
- Human dimension in Conservation
- RS-GIS Applications in Wildlife Management
- Ecosystem Analysis
- Wildlife Forensics and its applications
- Remote Sensing and GIS Applications in Willdlife Management
- Field Techniques and Field-Craft in Wildlife Management

Wildlife Institute of India and Wildlife and We Protection Foundation

School of Wildlife Sciences

Maharashtra State Wildlife Forensics Laboratory (MSWFL)

What is the need ?

- **Crime against wildlife is a multibillion-dollar global enterprise that experts say is only increasing as poaching and trafficking networks grow more sophisticated and move into dark corners of the internet.**
- **- When The Crime Victim Is An Animal, This US Forensics Lab Is On The Case**

- **Tour of USFWS Laboratory**

- https://www.fws.gov/lab/

Vision

Establishment of a ‘Centre of Excellence’ in Wildlife Forensics Studies and Applications through establishment of a ‘State of the Art’ Wildlife Forensics Laboratory of national stature, comparable with international standards.

Scope

Provide support to ‘Enforcement Agencies’ in Maharashtra and Southern States and supplementing similar efforts elsewhere within the country, if needed, in dealing with ‘Wildlife Crimes’.

Objectives

- To develop protocols for Identification of Species from wildlife parts reported in Wildlife Trade.
- To provide support in implementation of Wildlife (Protection) Act by the Enforcement Agencies.
- To organize Capacity and Competency Based training courses for dealing in wildlife crimes.

Functions

- 1.Undertake research work to develop protocols for identifying species from varied wildlife parts of wildlife in the trade using different disciplines of forensic science such as morphology, DNA finger printing, wildlife toxicology and chemical finger printing,

- 2. Undertake wildlife offences sent by the different enforcement agencies like police, customs, forest and other agencies and provide report to them for implementation of the Wildlide (Protection) Act 1972

- 3. Identify cause of death specially due to wildlife poisoning cases

- 4. Identifying poaching hot spots using spatial DNA profiling of key species such tiger, leopard, blackbuck, gaur, and lesser known endangered and threatened species as listed in Traffic and Cities

-

Functions contd.

- 5. Maintain chain-of-custody of wildlife offences cases
- 6. Developing competency to Appear in the court to testify evidence
- 7. Organised Hands-on-Training program for officers of enforcement agencies on "Wildlife Crime Scene Management" and collection of evidences
- 8. Establish repository of reference samples for dealing with wildlife crimes.

Functions

- Providing scientific support to organizations like the CITIES, TRAFFIC and National and State Wildlife Crime Control Boards
  - Answering the 5 Basic Questions
    - the species involved;
    - the geographic origin of a specimen;
    - the wild or captive/cultivated source of a specimen;
    - the individual origin of a specimen;
    - the age of a specimen.
- India is a Signatory to various International, Conventions, Agreements s arrangements. Wildlife Forensic Facility at the Academy is its contribution.
- Offshoot Discipline- Forensic Timber Identification

Established emerging Applications

- Forensic Laboratory Bridges the Gap between Conservation Genetics and Law Enforcement
- Establishment of Functionality of Wildlife Corridors and ascertaining the perspective of HWC and its" Evidence Based Solutions'
- In compliance with eth National Wildlife Action Plan and a National and International Obligation towards Conservation
- Efficient System of Multi- Agency Communication using Forensics as Evidence Base/
- Supporting Evidence Based Conservation through DNA Marking and DNA Mapping of Wildlife Habitats.
- Assessment of ' Isolated Wild Populations' or 'Vulnerable Wild Population Syndrome'
- Developing Evidence Base for Human Wildlife and Wildlife Wildlife Conflcit

Established emerging Applications

- Describing new Species
- Defining Sibling Species
- Predator Prey Relationships
- Molecular Ecological Studies
- Evaluating Diversity of Species

Some additional Deliverables

- Evidence Base for Threatened and Endangered Species Conservation, Protection and Management
- Identification of Species Populations, Geographic Origin, Familiy relatedness
- Developing Reference Datasets

CAUTION

- Scientisists ascertain the need to act impartially.
- Genetic Identification Methods are validated prior to Forensics use
- Genetic Analysis is performed in Quality Assured Environment with controls on Sample Integrity, test performance, data interpretation, and eveidence presentation

WAY FORWARD

- Greater Coordination and exchange of validated population data, reference samples and protocols
- Establishment of Network of Accredited Wildlife Forensics Laboratories
- Directed research towards wider applications in wildlife conservation

Main Components of the forensic laboratory

- **Morphometry:** This is science where different items are identified based on the morphological features such as skins, bones, hair, antler, marine species, turtle shells etc.

- **Wildlife DNA Forensics**: Items which are not identified based on the morphometry are taken based on DNA finger printing specially like meat cases etc. Dedicated space is needed for each step of DNA finger printing and to be done in separate room.

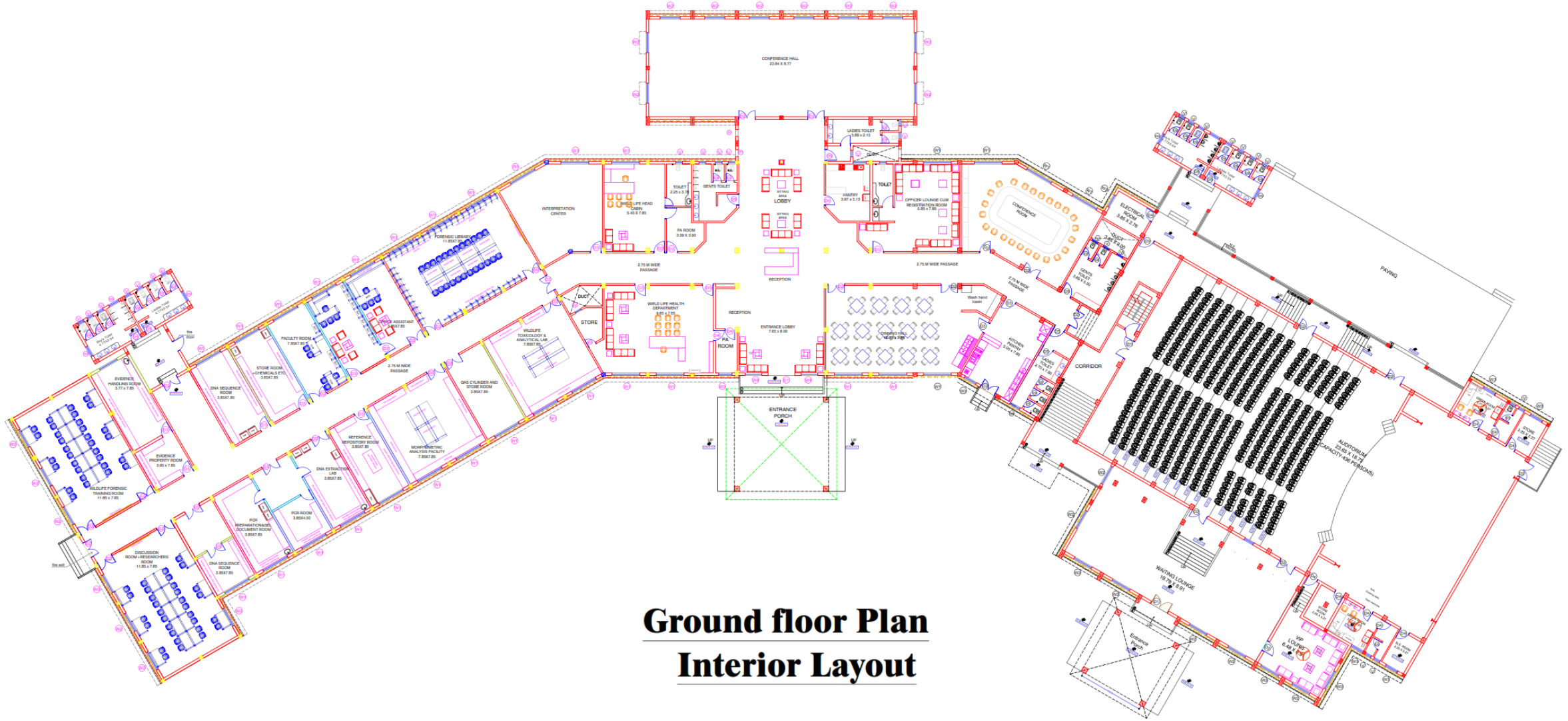
- **Wildlife toxicology**: Under retaliatory killing, a number of species are killed due to poison. So there is need to identify to have wildlife toxicology facility. Main purpose is to identify different poisons and their lethal doses to determine the cause of death like tiger, leopard other species.

- **Chemical Fingerprinting**: Use chemical characteristics in cases where identifying species using Morphometry or DNA is not possible like items made of antler, ivory, marine species and shed and plucked peacock feather etc.

Proposed Facilities at SGNP and Chandrapur Academy- Not a Duplication or at Cross Roads but Complimentary to each other

- Proposed DNA facility at Sanjay Gandhi National Park (SGNP) has a different mandates. The proposed facility here is planned to use DNA technology in tracking tiger/leopard individuals using faecal (scat) DNA. Working with faecal (scat) DNA also requires space which should be away from the main forensic facility so as to avoid any contamination of the samples. Hence this facility at SGNP has altogether different mandates than proposed dedicated facility at CFA, Chandrapur and aimed to maintain chain-of-custody of the evidence property..

School of Wildlife Sciences



Ground floor Plan
Interior Layout

CFA-EAB-AR-1.1

WINDOW SCHEDULE

SR. NO.	DESCRIPTION
W1	2.50 M X 1.50 M
W2	1.80 M X 1.50 M
W3	1.20 M X 1.50M
W4	1.80 M X 2.10M
W5	1.00 M X 1.20M
V	0.60 M X 0.30 M
V1	0.90 M X 0.60 M
OP1	0.60 M X 2.10 M

DOOR SCHEDULE

SR. NO.	DESCRIPTION
D1	1.80 M X 2.40 M
D2	1.50 M X 2.40 M
D3	1.00 M X 2.40 M
D4	0.90 M X 2.40 M
D5	1.00 M X 2.10 M
D6	0.75 M X 2.10 M

REVISIONS

DATE	DESCRIPTION	REV NO

ISSUE OF PRINTS

NAME	DATE	PURPOSE	Rev.

FOREST ACADEMY, CHANDRAPUR

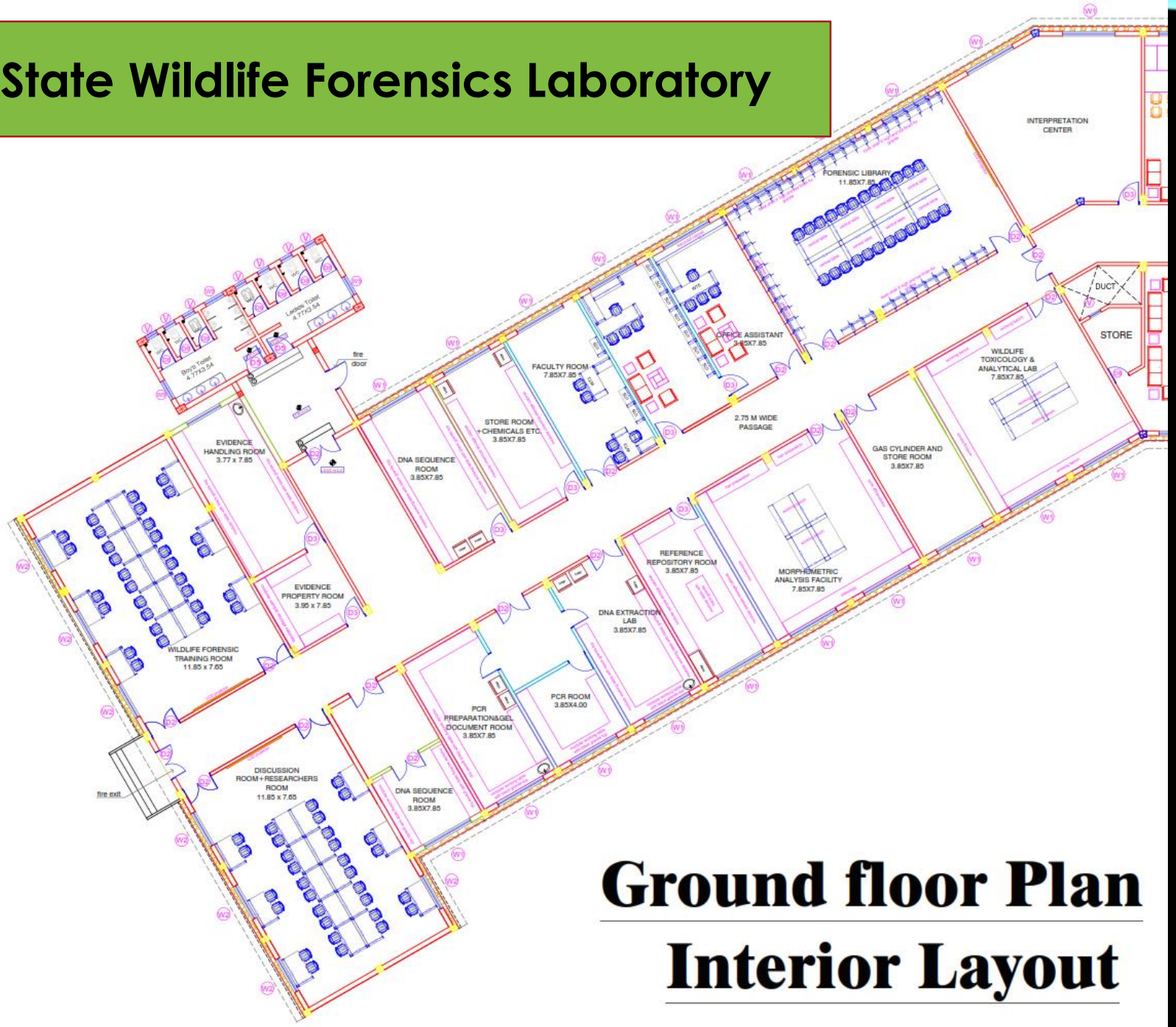
EXISTING ADMIN BUILDING

GROUND FLOOR PLAN

INTERIOR LAYOUT

Drg No. R-9

Maharashtra State Wildlife Forensics Laboratory



Ground floor Plan

Interior Layout

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

2. School of Natural Resources Management

Short Courses

- ❑ High density plantation and conservation
- ❑ Commercial plantation and conservation
- ❑ Interpretataion and Nture EducationNature Education
- ❑ Education for Suatainable Devlopment
- ❑ Development of Sustainability Indicators
- ❑ Assessment of Ecosystem Tipping Points

Certificate Courses

- ❑ Ecological Solutions and Planning options for green infrastructures
- ❑ Evidence based conservations
- ❑ Landscape conservation planning
- ❑ Reclamation of mines
- ❑ Watershed Management
- ❑ NRM-Public Interphase
- ❑ RS_GIS Applications
- ❑ Renewable energy and conservation
- ❑ Waste Management
- ❑ Industrial pollution and conservation
- ❑ Solid Waste Management

Post Graduate Diploma

- Natural Resource Management
- Water shed Management
- RS-GIS Applications
- Industrial Pollution and conservation
- Solid Waste Management

Msc. and Ph.D in Natural Resourecs Management

Priority Courses with Immediate Effect

Short Courses

- High density plantation and conservation
- Commercial plantation and conservation
- Interpretataion and Nture EducationNature Education
- Education for Suatainable Devlopment
- Development of Sustainability Indicators
- Assessment of Ecosystem Tipping Points

Specialized Theme-Based Short Courses

- Water-Shade Management- GIS Application
- Watershed Management and GIS Applications
- Mine Reclamation Measures for Conservation
- Techniques and Practices in Solid Waste Management
- Development of Sustainability Indicators
- Applications of Bioremediation in Water Pollution

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

3. School of Policy, Law and Forest Administration

Short Courses

- ❑ Cross Dept integration in conservation
- ❑ Legal Issues for Retrospective Measures in Conservation Planning
- ❑ Networking for Strengthening Legal Framework for Conservation

Certificate Courses

- ❑ Policy Research and Political ecology
- ❑ Implementation of IFA, WPA, FCA, BA and other internation treaties
- ❑ Legislations Allied to Environmental Laws
- ❑ Infrastructural Strengthening of Environmental Legal Framework
- ❑ Law Implementation Fieldcraft

Post Graduate Diploma

- Environmental Poliy and Law

Priority Courses with Immediate Effect

Short Courses

- ❑ Field Techniques and Field Craft(WNW)
- ❑ RS-GIS Applications(WNW)
- ❑ Ecological Status Modeling(WNW)
- ❑ Nature Photography
- ❑ Ecological Census Techniques(WNW)
- ❑ Human-Forest Interface Management
- ❑ Emerging Trends in Forest Conservation
- ❑ Nature Interpretation and Education
- ❑ Development of Medicinal Plants Conservation Areas(WNW)
- ❑ Human Dimensions in Forest Protection and Conservation
- ❑ Practices in Forest Conservation Act for Developmental Agencies(wnw)
- ❑ Protection, Conservation and Management of Coastal Ecosystems(wnw)

Specialized Theme-Based Short Courses

- ❑ Field Forest Botany and Taxonomy
- ❑ Nature Photography
- ❑ Human-Forest Interface Management
- ❑ Development of GreenBlets for Protection and Conservation
- ❑ Applications and Techniques in Assessment of Ecosystem Services E
- ❑ Grassland Development
- ❑ Horticultural Management and Development
- ❑ Agri-Sivi Integrated Framing System(Wadi Model)-BAIF
- ❑ Sustainable Practices in NTFP Conservation (BAIF)
- ❑ Participatory Village Development(BAIF)
- ❑ Productive Livestock Management(BAIF)
- ❑ Non Conventional Sources of Energy Surya-Mitra Model (MITCON
- ❑ Plant Tissue Culture, Hi-Tech Nurseries and Green Houses(MITCON)

Specialized Theme-Based Short Courses

- ❑ Watershed Management (BAIF)
- ❑ Ecological Status Modeling
- ❑ Nature Photography
- ❑ Fodder and Grassland Development (BAIF)
- ❑ Human Dimensions in Forest Protection and Conservation
- ❑ Social Forestry and Agro Forestry (CFA)
- ❑ Mali/Gardening Course (PKV) Akola

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

4. School of Environment and CSR

Short Courses

- ❑ Environmental Orientation of Developmental Agencies
- ❑ Enviroenmental Alignment of CSR for Coprorates
- ❑ Socio-Economy Oriented Environmental CSR

Certificate Courses

- ❑ Environment oriented CSR
- ❑ Cross sectorial participation
- ❑ Bioremediation and Phytoremediation
- ❑ Sensitization for Environment Conservation
- ❑ Emerging Trends in Enviroenmental CSR

Post Graduate Diploma

None

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

5. School of Forestry

Short Courses

- Field Techniques and Field Craft
- RS-GIS Applications
- Ecological Status Modeling
- Nature Photography
- Ecological Census Techniques
- Human-Forest Interface Management
- Emerging Trends in Forest Conservation
- Nature Interpretation and Education
- Development of Medicinal Plants Conservation Areas
- Human Dimensions in Forest Protection and Conservation
- Practices in Forest Conservation Act for Developmental Agencies
- Protection, Conservation and Management of Coastal Ecosystems

Certificate Courses

- Vermicompost and Green Manurung
- Medicinal Plant farming
- Social Forestry
- Sustainable Harvest
- Forest Restoration
- Commercial Plantation
- Traditional Forestry Practises in Modern Era
- Invasive species management
- Net Present Value Assessment
- Forest Economics
- Ecosystem Assessment and evaluation
- Protection, Conservation and Management of Coastal Ecosystems
- Agri-Silvi-Culture

Post Graduate Diploma

- Forestry
- Wood Science Technology
- Paper and Pulp Technology
- Bamboo Conservation, Development and Management as an Industrial Resource
- Plantation Technology
- Nursery techniques
- Forest production
- Monitoring and Evaluation of Forestry practices

B.Sc., M.sc. and Ph.D in Forestry

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

6. School of Environment Impact Assessment

Short Courses

- ❑ Field Techniques in EIA
- ❑ RS-GIS Applications in EIA
- ❑ Ecological Status Modeling for EIA
- ❑ Emerging Trends in EIA
- ❑ Wildlife Mitigation Plans and FCA Clearance vis-a vis EIA
- ❑ Methods and Practices in EIA

Certificate Courses

- ❑ Principals and Practices on Environment Impact Assessment
- ❑ Assessment of Environmental Pollution and management

Post Graduate Diploma

- ❑ Impact Assessment and Mitigation Measures of Development
- ❑ Conservation Oriented Development for Developmental AGENCIES

Priority Courses with Immediate Effect

Short Courses

- ❑ Field Techniques in EIA
- ❑ RS-GIS Applications in EIA
- ❑ Ecological Status Modeling for EIA
- ❑ Emerging Trends in EIA
- ❑ Wildlife Mitigation Plans and FCA Clearance vis-a vis EIA
- ❑ Methods and Practices in EIA

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

7. School of Climate Change

Short Courses

- ❑ Field Techniques and Field Craft
- ❑ RS-GIS Applications
- ❑ Theory and Practices in Climate Change Adaptations
- ❑ Emerging Trends in Climate Change Mitigations
- ❑ Managing Forests and Wildlife for Climate Change Adaptataion

Certificate Courses

- ❑ Principals and Practices Climate Change
- ❑ Climate Change Adaptation
- ❑ Assessment of Carbon Sequestration

Post Graduate Diploma

- ❑ Diploma Course In Climate Change Adaptations

Priority Courses with Immediate Effect

Short Courses

- ❑ Field Techniques and Field Craft
- ❑ RS-GIS Applications
- ❑ Theory and Practices in Climate Change Adaptations
- ❑ Emerging Trends in Climate Change Mitigations
- ❑ Managing Forests and Wildlife for Climate Change Adaptataion

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

8. School of Rural, Urban and Interface Management

Short Courses

- Field Techniques and Field Craft
- RS-GIS Applications
- Theory and Practices in Climate Change Adaptations
- Emerging Trends in Climate Change Mitigations
- Managing Forests for Climate Change Mitigation

Certificate Courses

- Principals and Practices Climate Change
- Climate Change Adaptation
- Assessment of Carbon Sequestration

Post Graduate Diploma

- Diploma Course In Rural-Urban Interface Management

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

9. School of Geoinformatics and Geoinformation Management(Computataion, RS & GIS

Short Courses

- Field Techniques and Field Craft in Geoinformatics
- RS-GIS Applications
- Theory and Practices in Ecological Status Models
- Emerging Trends in Modern Tools and Technologies in Forestry and WL
- Goeinformation Management
- Map Visualization

Certificate Courses

- Principals and Practices Remote Sensing and Geographical Information System
- Geoinformation Management
- Ecosystem Analysis using RS and GIS
- Applications of RS and GIS in Forestry and Wildlife Management

Post Graduate Diploma

- Geoinformatics
- Geoinformation Management

Currently Proposed Initiatives
Multi-Disciplinary Capacity and Competency Building Programs

10. School of Evidence Based Conservation

Short Courses	Certificate Courses	Post Graduate Diploma
None	❑ Principals and Practices Evidence Based Conservation ❑ Conducting Synthesis of Review ❑ Developing Policy Briefs ❑ Applications of Evidence Based Conservation in Forestry ,Wildlife Management & Natural Resources Management	None

Proposed New Facility for the Academy

- **Wildlife Health**
- **Conservation Education and Interpretation**

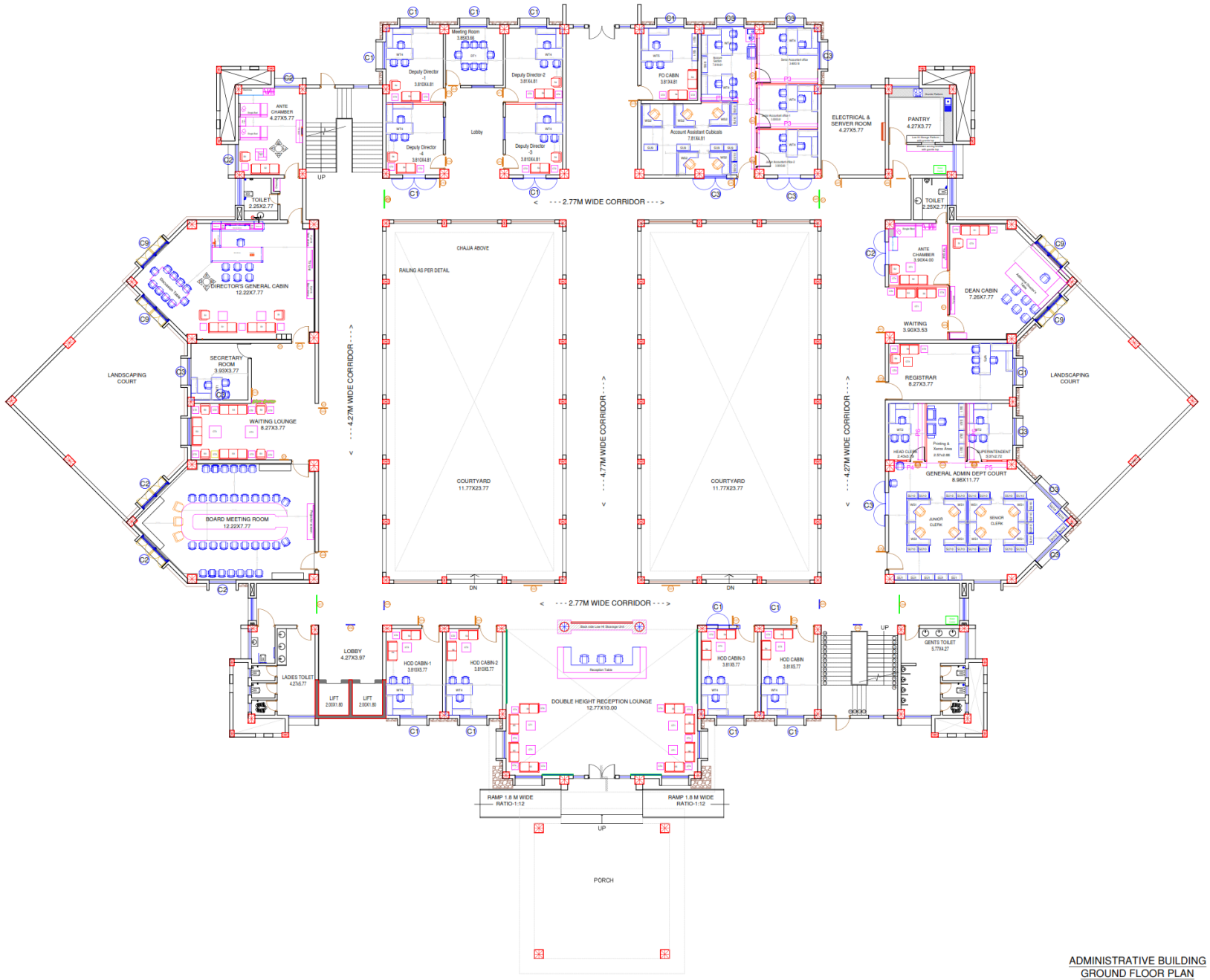
Constraints

- Coverage under the ‘ Evidence Act’ 1872

- Notification of the Government of India from the Ministry of Law and Justice under the Cr.P.C. for the Laboratory

Mandatory Permanent Staffing

- Deputy Directors (MSc /Ph.D in relevant discipline.(3)
- Office Assistant/ Manager(2)
- Contractual Research Associates, Senior and Junior Research Fellows.(6)
- Office Attendants (2)



ADMINISTRATIVE BUILDING
GROUND FLOOR PLAN

1 / 1.1

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REVISIONS:

NOS.	DESCRIPTION	DATE	REMARK
R1	XXXXX		

KEY PLAN

OPENING SCHEDULE

PROJECT

BUILDING CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT FOR CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

SITE ADDRESS

CLIENT

CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

CLIENT : EXE. ENGG — STAMPS / SIGN

FOREST RESERVATION CLASS NO . 422,423 ,CHANDRAPUR.

CLIENT : PWD — STAMPS / SIGN

CLIENT : DIRECTOR-Forest Academy — STAMPS / SIGN

ARCHITECT — STAMPS / SIGN

ARCHITECT

AJ Architects And Interior Designers Pvt.Ltd.
7,Aasmant apts,Opp SNDT Karve Road,
Erandawane,Pune.-411004.
(India) : 020 - 25452310
Email : ajarch@vsnl.net

DRAWING TYPE: TENDER DRAWING

BUILDING NAME: ADMINISTRATIVE BUILDING

DRAWING NAME: GROUND FLOOR FURNITURE LAYOUT

SCALE:	DATE:	JOB No.:	REVISION:	NORTH:
DRAWN BY:	CHECKED BY:	STATUS:	R0	

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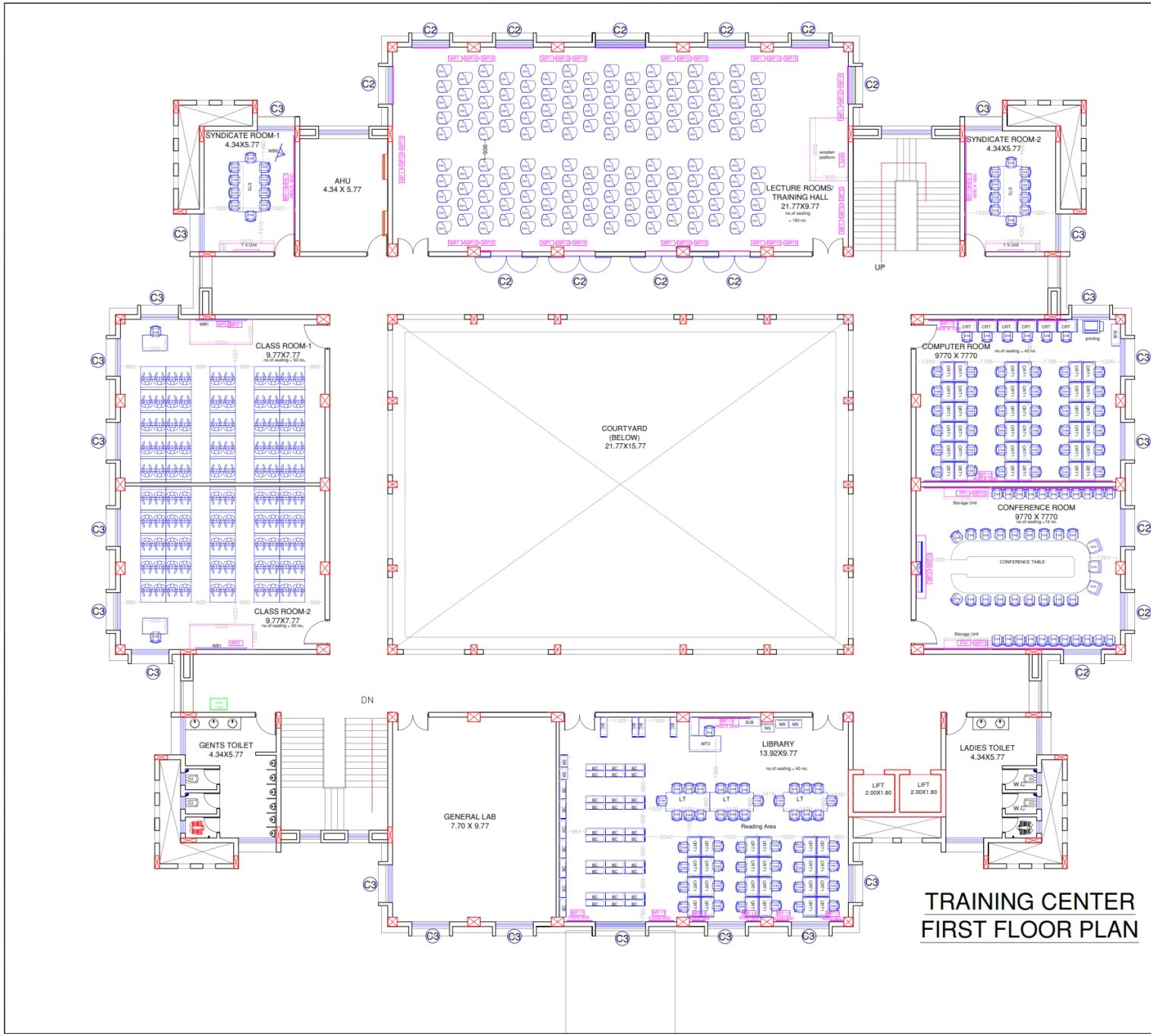

TRAINING CENTER
FIRST FLOOR PLAN

NOTES:
1. ALL THE DIMENSIONS MENTIONED ARE IN MM.
2. ALL LEVELS INDICATED ARE IN MTS.
3. DRAWINGS NOT TO BE SCALED ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. DIMENSIONS AND LEVELS SHALL HAVE TO BE VERIFIED AT SITE BEFORE COMMENCEMENT OF WORK.
5. ANY DISCREPANCIES FOUND IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
6. RELEVANT SERVICES DRAWING TO BE READ SIMULTANEOUSLY.
7. ALL CENTRE LINE DIMENSIONS WITH REFERENCE TO (U.S).
8. ALL LEVELS INDICATED ARE UNFINISHED LEVELS(MAIN R.C.C. FLOOR).
9. FINISHED FLOOR TO BE 100MM FROM UNFINISHED FLOOR LEVELS.
10. ALL MATERIALS, FINISHES ETC TO BE AS SPECIFIED AND APPROVED.

REVISIONS:

NOS.	DESCRIPTION	DATE	REMARK
R1			

KEY PLAN

OPENING SCHEDULE

PROJECT
BUILDING CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT FOR CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

SITE ADDRESS
FOREST RESERVATION CLASS NO. 1, CHANDRAPUR.

CLIENT
CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

CLIENT : PWD — STAMPS / SIGN

CLIENT : DIRECTOR-Forest Academy — STAMPS / SIGN

ARCHITECT — STAMPS / SIGN

ARCHITECT
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(India) : 020 - 25452310
Email : ajarch@vsnl.net

DRAWING TYPE: FALSE CEILING LAYOUT

BUILDING NAME: TRAINING CENTER

DRAWING NAME: FIRST FLOOR PLAN

SCALE: | DATE: 01.09.2018 | REVISION: R1

DRAWN BY: | CHECKED BY:

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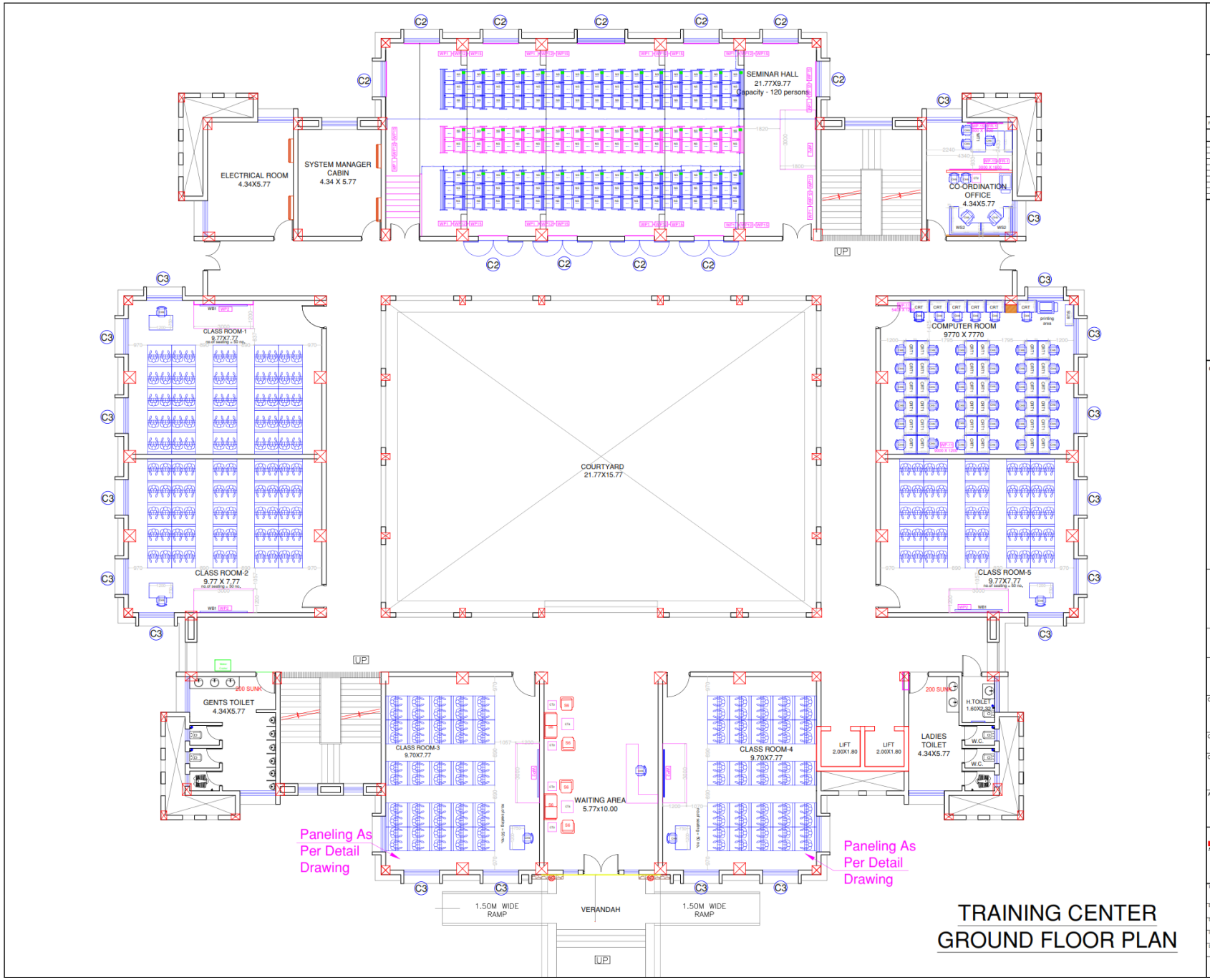

TRAINING CENTER
GROUND FLOOR PLAN

NOTES:

1. ALL THE DIMENSIONS MENTIONED ARE IN MM.
2. ALL LEVELS INDICATED ARE IN MTS.
3. DRAWINGS NOT TO BE SCALED ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. DIMENSIONS - LEVELS AS SHOWN TO BE VERIFIED AT SITE BEFORE COMMENCEMENT OF WORK.
5. ANY DISCREPANCIES FOUND IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
6. RELEVANT SERVICES DRAWING TO BE READ SIMULTANEOUSLY.
7. ALL CENTRE LINE DIMENSIONS WITH REFERENCE TO (GS).
8. ALL LEVELS INDICATED ARE UNFINISHED LEVELS(MARK R.C.C. FLOOR).
9. FINISHED FLOOR TO BE 150MM FROM UNFINISHED FLOOR LEVELS.
10. ALL MATERIALS, FINISHES ETC TO BE AS SPECIFIED AND APPROVED.

REVISIONS:

NOS.	DESCRIPTION	DATE	REMARK
R1			

KEY PLAN

OPENING SCHEDULE

PROJECT
BUILDING CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT FOR CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

SITE ADDRESS
FOREST RESERVATION CLASS NO 423/23 CHANDRAPUR.

CLIENT
CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

CLIENT : PWD — STAMPS / SIGN

CLIENT : DIRECTOR--Forest Academy — STAMPS / SIGN

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(India) : 020 - 25452310
Email : ajarch@vsnl.net

DRAWING TYPE: **FALSE CEILING LAYOUT**

BUILDING NAME: TRAINING CENTER

DRAWING NAME: GROUND FLOOR PLAN

SCALE: — DATE: 01.09.2018 — REVISION: R1

DRAWN BY: — CHECKED BY:

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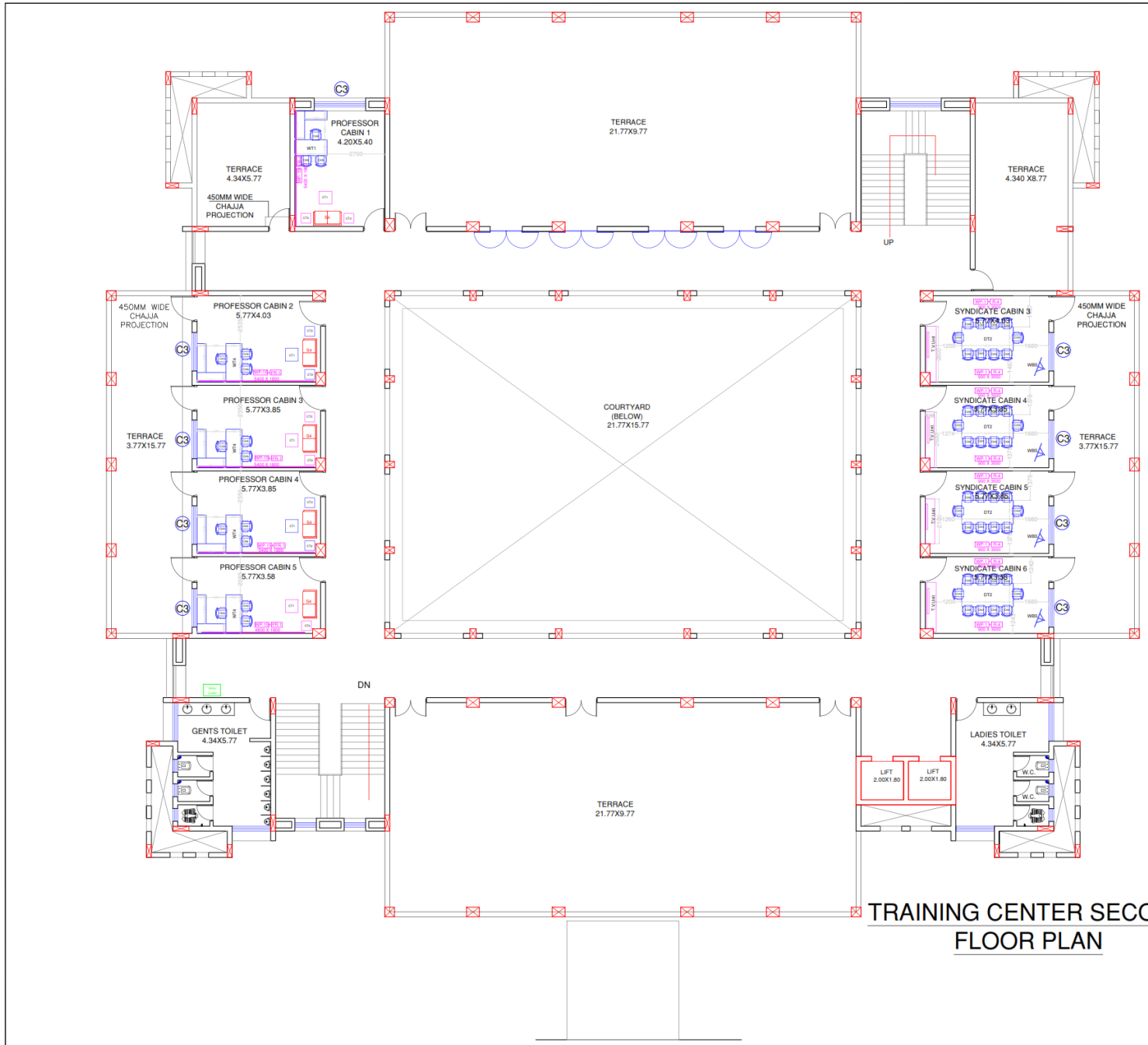

TRAINING CENTER SECOND FLOOR PLAN

NOTES:

1. ALL THE DIMENSIONS MENTIONED ARE IN MM.
2. ALL LEVELS INDICATED ARE IN MTS.
3. DRAWINGS NOT TO BE SCALED ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. DIMENSIONS - LEVELS AS SHOWN TO BE VERIFIED AT SITE BEFORE COMMENCEMENT OF WORK.
5. ANY DISCREPANCIES FOUND IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
6. RELEVANT SERVICES DRAWING TO BE READ SIMULTANEOUSLY.
7. ALL CENTRE LINE DIMENSIONS WITH REFERENCE TO (I.D).
8. ALL LEVELS INDICATED ARE UNFINISHED LEVELS(BARE R.C.C. FLOOR).
9. FINISHED FLOOR TO BE 100MM FROM UNFINISHED FLOOR LEVELS.
10. ALL MATERIALS, FINISHES ETC TO BE AS SPECIFIED AND APPROVED.

REVISIONS:

NOS.	DESCRIPTION	DATE	REMARK
R1			

KEY PLAN

OPENING SCHEDULE

PROJECT

BUILDING CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT FOR CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

SITE ADDRESS

FOREST RESERVATION CLASS NO. 422-423 CHANDRAPUR.

CLIENT

CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

CLIENT : PWD — STAMPS / SIGN

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DRAWING TYPE: FALSE CEILING LAYOUT

BUILDING NAME: TRAINING CENTER

DRAWING NAME: SECOND FLOOR PLAN

SCALE:	DATE: 01.09.2018	REVISION: R1
DRAWN BY:	CHECKED BY:	

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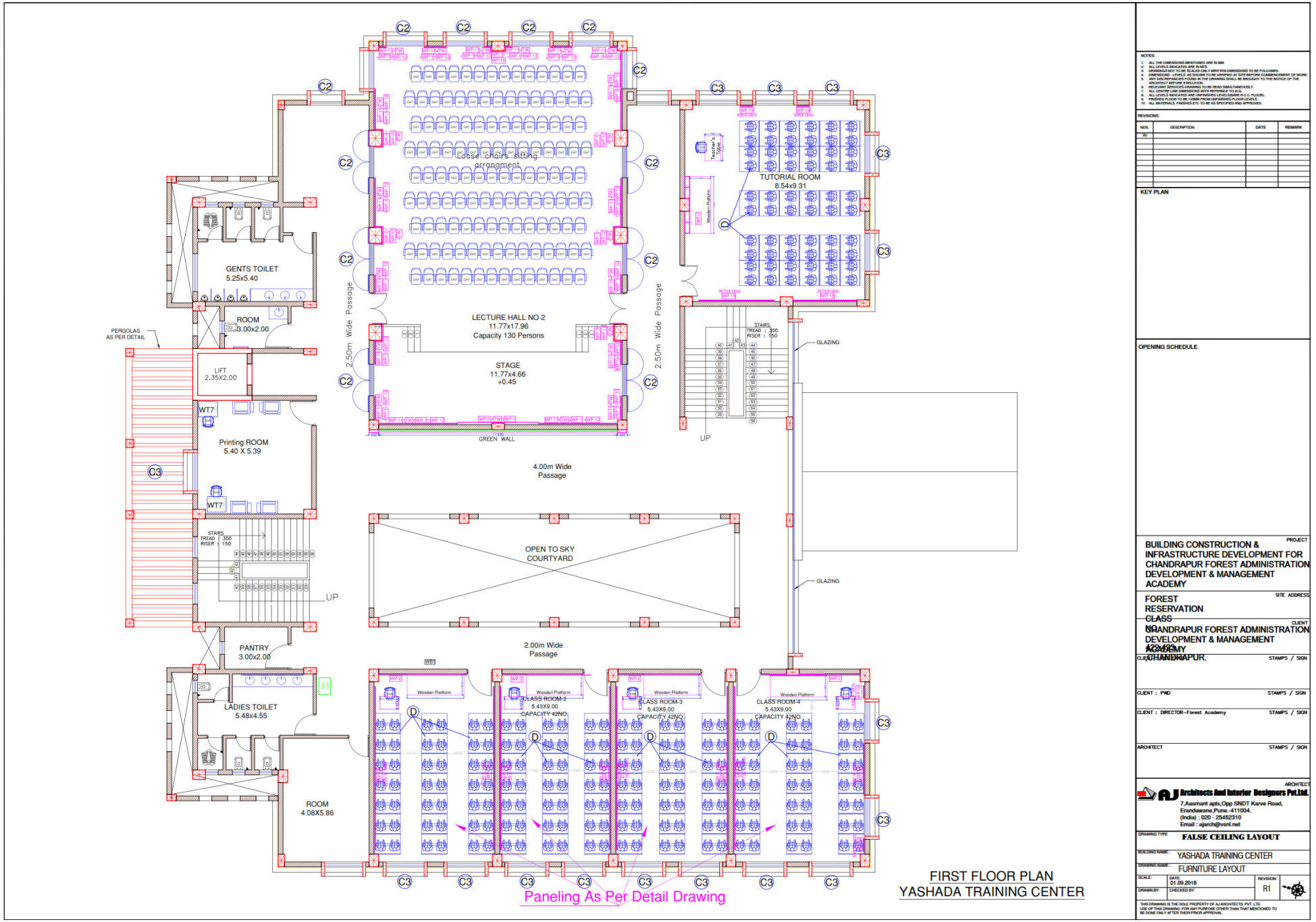

FIRST FLOOR PLAN
YASHADA TRAINING CENTER

NOTES:

1. ALL THE DIMENSIONS MENTIONED ARE IN MM.
2. ALL LEVELS INDICATED ARE IN MTS.
3. DRAWINGS NOT TO BE SCALED ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. DIMENSIONS / LEVELS / ALIGNMENTS TO BE VERIFIED AT SITE BEFORE COMMENCEMENT OF WORK.
5. ANY DISCREPANCY / CLASH IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
6. RELEVANT SERVICES DRAWING TO BE READ SIMULTANEOUSLY.
7. ALL CENTRE LINE DIMENSIONS WITH REFERNCE TO (U.G).
8. ALL LEVELS INDICATED ARE UNFINISHED LEVELS(MARK R.C.C. FLOOR).
9. FINISHED FLOOR TO BE 100MM FROM UNFINISHED FLOOR LEVELS.
10. ALL MATERIALS, FINISHES ETC TO BE AS SPECIFIED AND APPROVED.

REVISIONS:

NOS.	DESCRIPTION	DATE	REMARK
R0			

KEY PLAN

OPENING SCHEDULE

PROJECT
BUILDING CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT FOR CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

SITE ADDRESS
FOREST RESERVATION CLASS
CHANDRAPUR.

CLIENT
CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

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CLIENT : DIRECTOR-Forest Academy — STAMPS / SIGN

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(India) : 020 - 25452310
Email : ajarch@vsnl.net

DRAWING TYPE: FALSE CEILING LAYOUT
BUILDING NAME: YASHADA TRAINING CENTER
DRAWING NAME: FURNITURE LAYOUT
SCALE:
DATE: 01.09.2018
REVISION: R1
DRAWN BY:
CHECKED BY:

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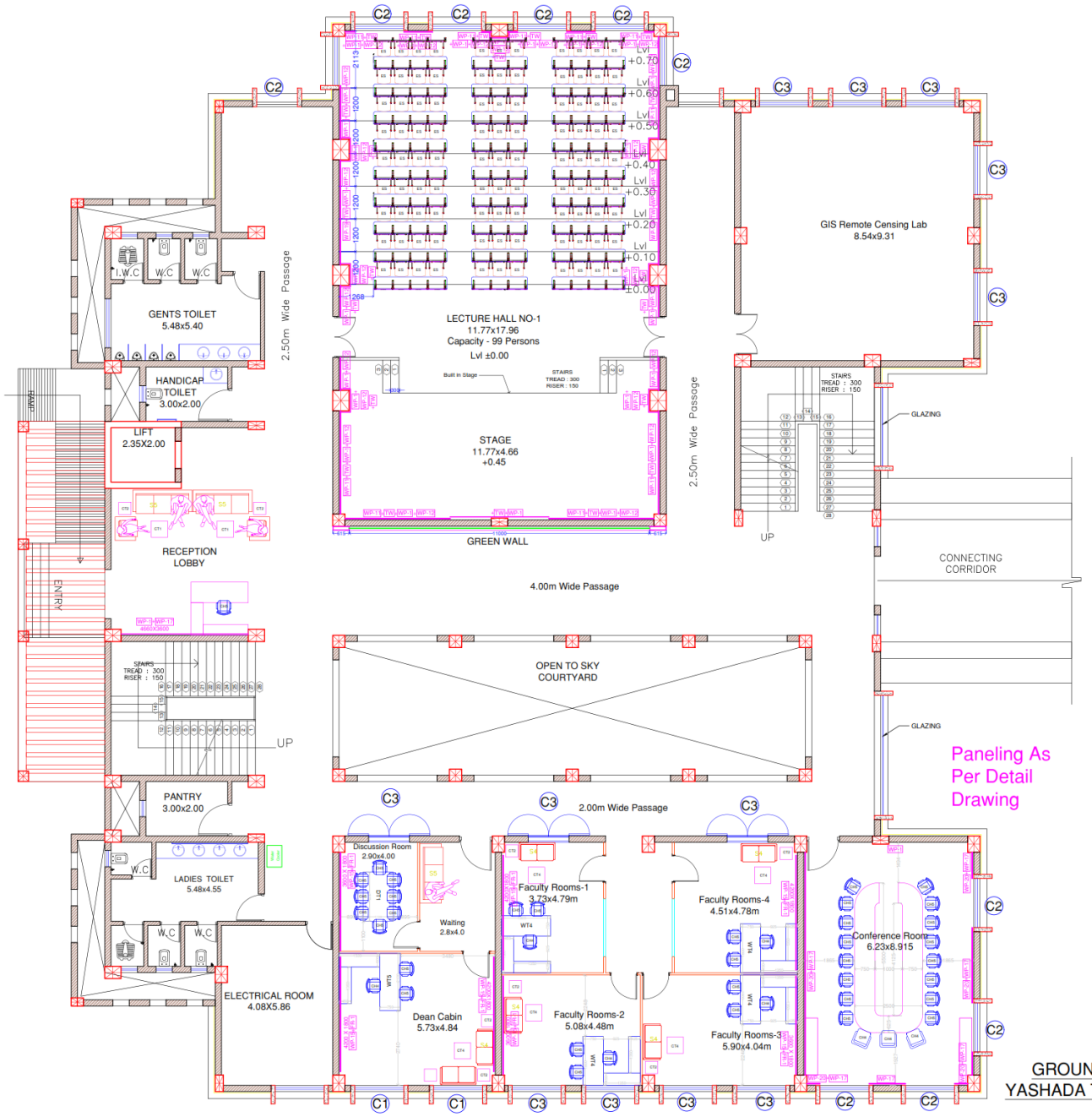

GROUND FLOOR PLAN
YASHADA TRAINING CENTER

NOTES:

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4. DIMENSIONS - LEVELS AS SHOWN TO BE VERIFIED AT SITE BEFORE COMMENCEMENT OF WORK.
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6. RELEVANT SERVICES DRAWING TO BE READ SIMULTANEOUSLY.
7. ALL CENTRE LINE DIMENSIONS WITH REFERENCE TO (U.S).
8. ALL LEVELS INDICATED ARE UNFINISHED LEVELS(WARE R.C.C. FLOOR).
9. FINISHED FLOOR TO BE 100MM FROM UNFINISHED FLOOR LEVELS.
10. ALL MATERIALS, FINISHES ETC TO BE AS SPECIFIED AND APPROVED.

REVISIONS:

NOS.	DESCRIPTION	DATE	REMARK
R1			

KEY PLAN

OPENING SCHEDULE

PROJECT
BUILDING CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT FOR CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY

SITE ADDRESS
FOREST RESERVATION CLASS NO. 422423

CLIENT
CHANDRAPUR FOREST ADMINISTRATION DEVELOPMENT & MANAGEMENT ACADEMY CHANDRAPUR.

CLIENT : PWD — STAMPS / SIGN

CLIENT : DIRECTOR–Forest Academy — STAMPS / SIGN

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(India) : 020 - 25452310
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DRAWING TYPE: FALSE CEILING LAYOUT
BUILDING NAME: YASHADA TRAINING CENTER
DRAWING NAME: FURNITURE LAYOUT
SCALE:
DATE: 01.09.2018
REVISION: R1
DRAWN BY:
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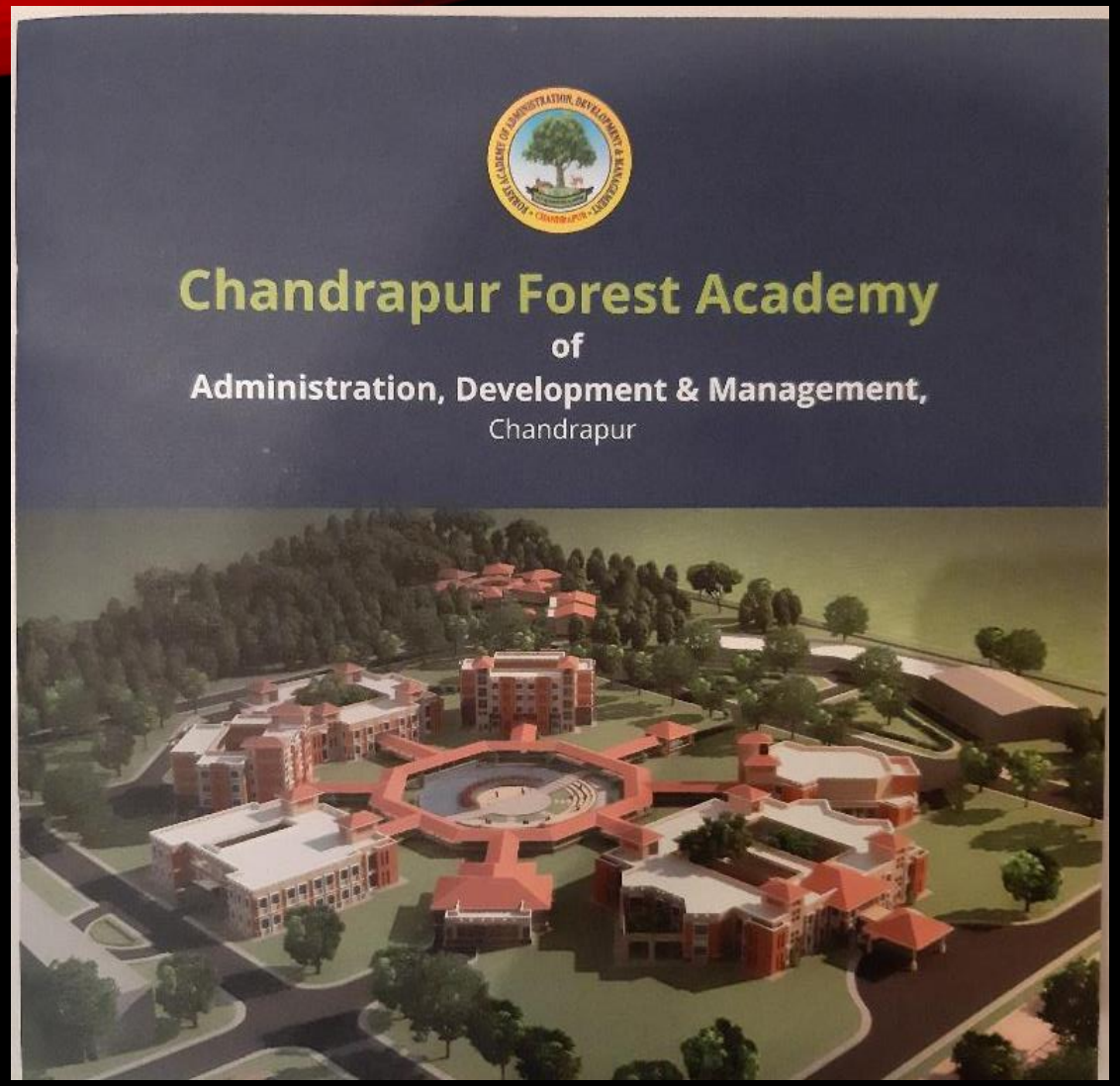
Chandrapur Forest Academy
of
Administration, Development & Management,
Chandrapur

THANK YOU