



Innovative Integrated Solutions

- UPGRADATION OF GOVT SCHOOL BY DELHI GOVERNMENT.
- 54 Nos OF SCHOOL IN PH-1 COMPLETED.
- DTTDC IS THE NODAL AGENCY TO EXECUTE THE WORK.
- LATEST LGSF(LIGHT GAUGE STEEL FRAMINGTECHNOLOGY) WAS INCORPORATED.
- THIS TECHNOLOGY IS IN CPWD DSR ALSO.

PROJECT-SARVODAYA VIDHYALAYA DELHI CASE STUDY



➤ **Project Challenges**

➤ **Drawing**

➤ **Sequential Site Pictures**

PROJECT CHALLENGES

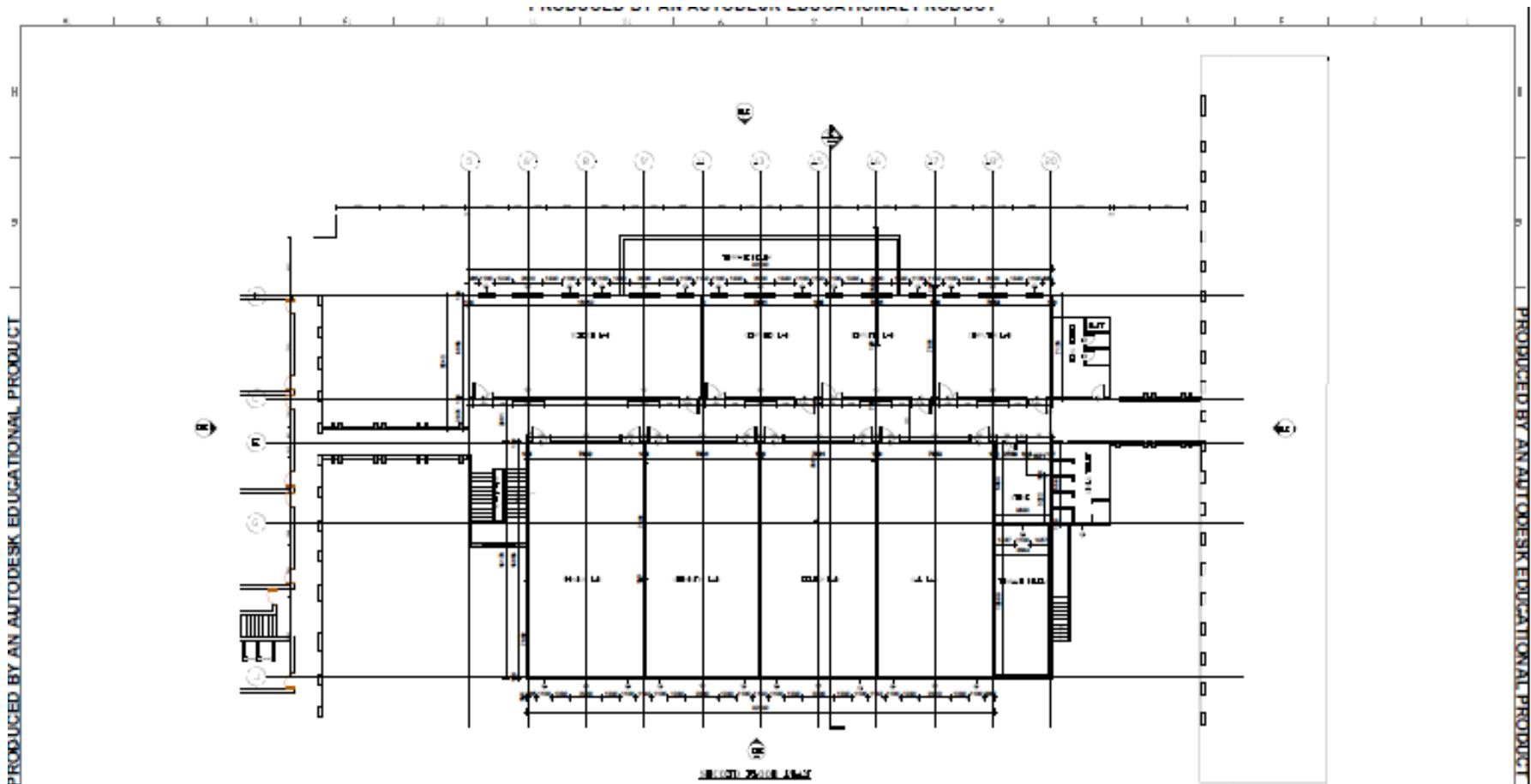
PROJECT CHALLENGES



- Height-8 Mt high MP Hall.
- Clear Span- 17 Mt.
- LGSF Truss Span- 27 Mt Span LGSF truss.
- Integration with civil structure

DRAWING

PLAN



Project:		Drawing Title:	Produced by an Autodesk Educational Product			
SHASTRI PARK SCHOOL		SECOND FLOOR PLAN	<input type="checkbox"/> COPY	<input checked="" type="checkbox"/> FOR PRINT	<input type="checkbox"/> FOR CONSTRUCTION	<input type="checkbox"/>
CLIENT: CONTRACTOR:		Wootz Buildsys Engineering Future				
		Drawn By: Checked by: Approved by Designer: A. Jaiswal Date: 15/03/2023 Scale: 1:50 Drawing No.: GA 300 Revision: 00 Project No.: 000001 Date: 15/03/2023				

ROOF PLAN



Wootz Buildsys
Engineering Future

This figure shows an architectural roof plan for a building complex. The drawing includes multiple levels of roofs, various rooms, and structural details. The plan is labeled 'ROOF PLAN' at the bottom center. A legend titled 'WALLS & ROOF SYMBOLS' is located in the bottom right corner, showing symbols for walls, windows, doors, and other features. The drawing is produced by AutoCAD.

Produced by an Autodesk Educational Product

SHASTRI PARK SCHOOL

ROOF PLAN

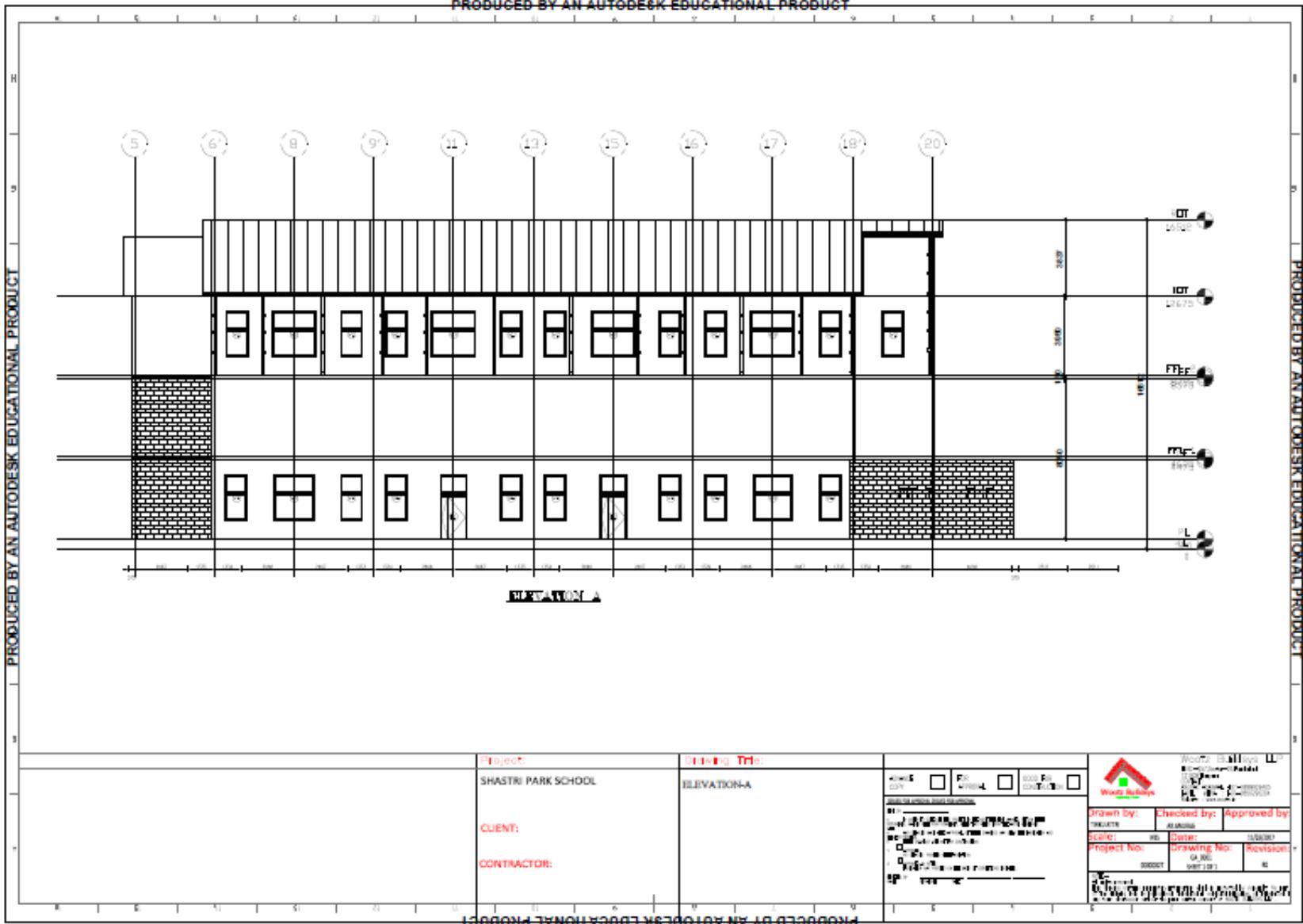
Walls & Roof Symbols

Produced by an Autodesk Educational Product

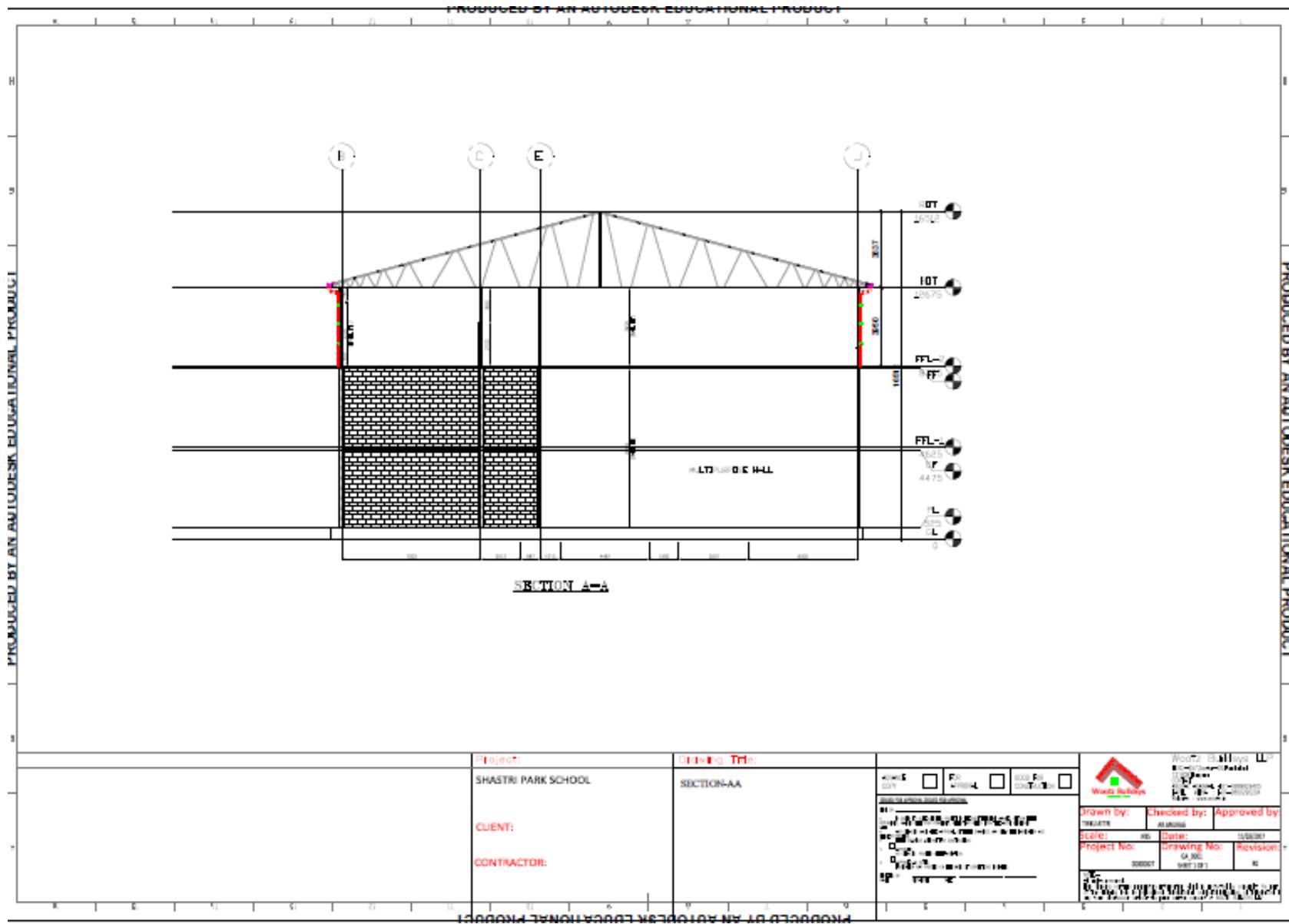
ELEVATION



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



SECTION: AA



SEQUENTIAL SITE PICTURES

FOUNDATION



FOUNDATION



FOUNDATION



ANCHOR BOLTING



ANCHOR BOLTING



ANCHOR BOLTING



MP HALL-MS COLUMN ERECTION



MP HALL-MS COLUMN & BEAM ERECTION



MP HALL-MS COLUMN & BEAM ERECTION



MP HALL-MS JOIST ERECTION



MP HALL-DECKING SYSTEM



MP HALL-DECKING SYSTEM



MP HALL-WALL ERECTION-CIVIL WORK



MP HALL-WALL ERECTION-CIVIL WORK



MP HALL-WALL ERECTION-LGSF



FLOOR DECKING



FLOOR-RCC



ROOF TOP-WALL ERECTION-1ST FLOOR



ROOF TOP-WALL ERECTION-1ST FLOOR



ROOF TOP-WALL ERECTION-1ST FLOOR



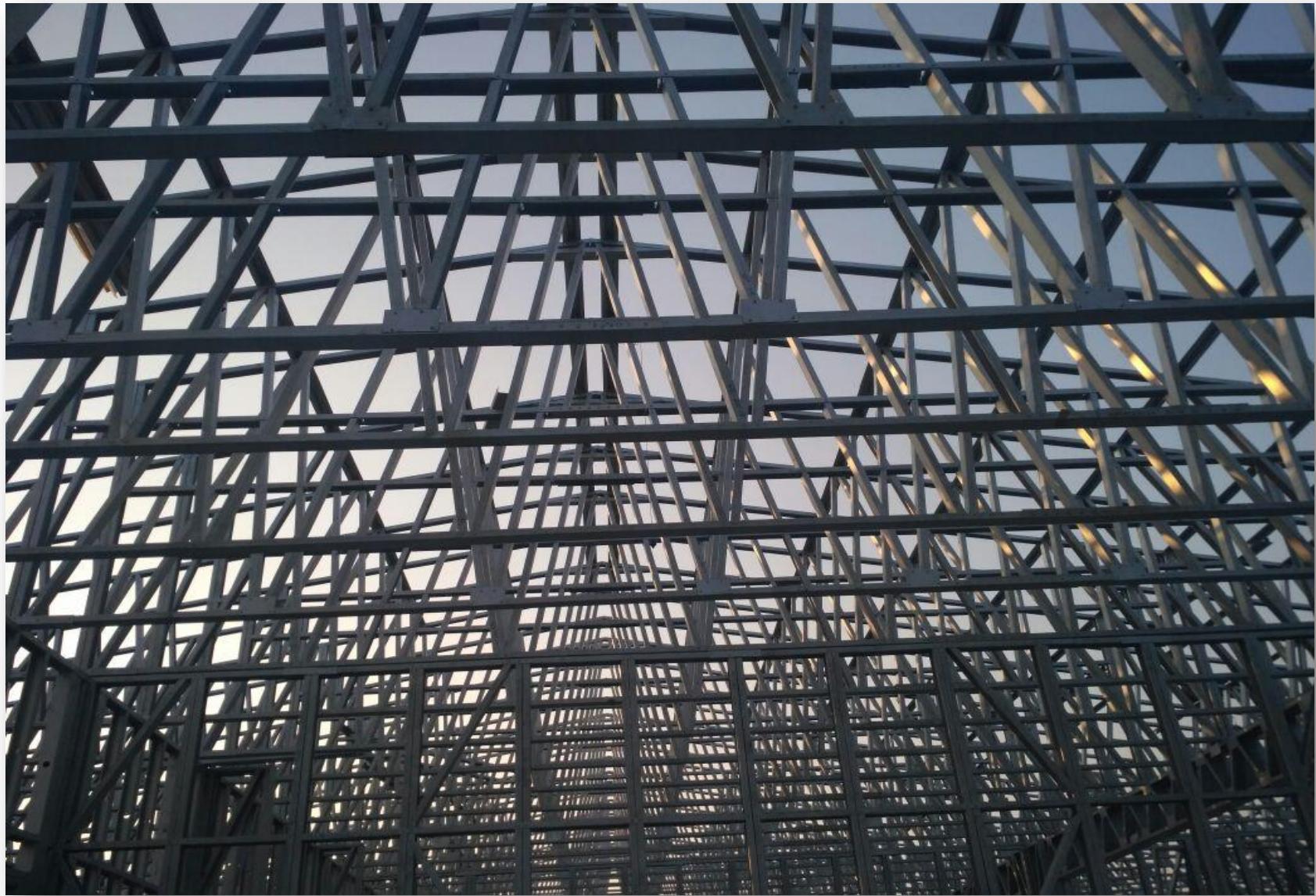
ROOF TOP-TRUSS & PURLIN



ROOF TOP-TRUSS & PURLIN



ROOF TOP-TRUSS & PURLIN



ROOF TOP-TRUSS & PURLIN



ROOF TOP-TRUSS & PURLIN



ROOF TOP-TRUSS & PURLIN



BUILDING SKELETON



ROOF INSULATION



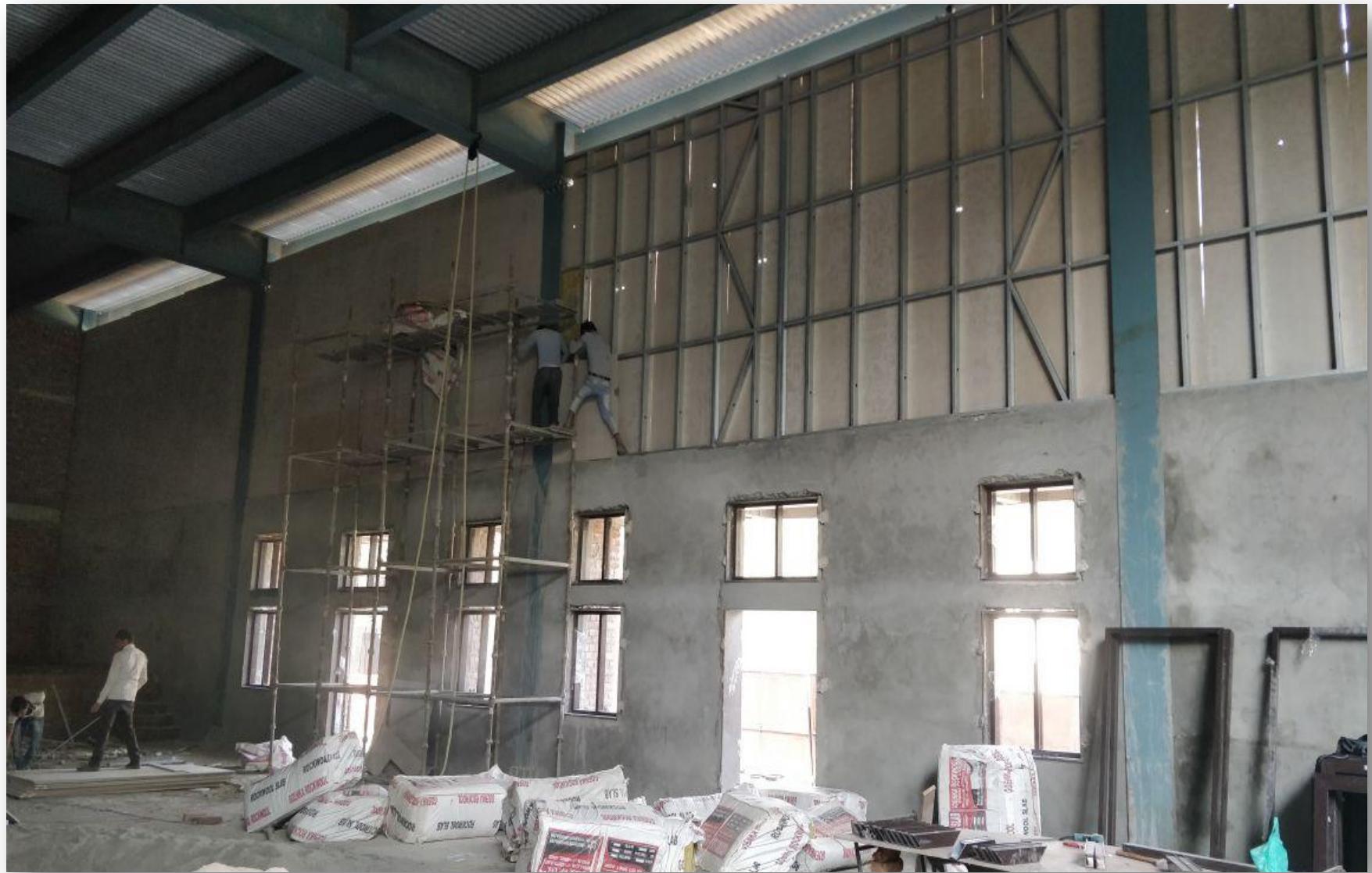
ROOFING



MP HALL-BOARDING



MP HALL-INTERNAL BOARDING-1st layer FCB



MP HALL-INTERNAL BOARDING-2nd Layer

Gypsum



EXTERNAL BOARDING- 1st Layer FCB



SERVICES



SERVICES



BUILDING WRAP



WALL INSULATION



WALL INSULATION



INTERNAL BOARDING-1st Layer FCB



INTERNAL BOARDING-2nd Layer Gypsum



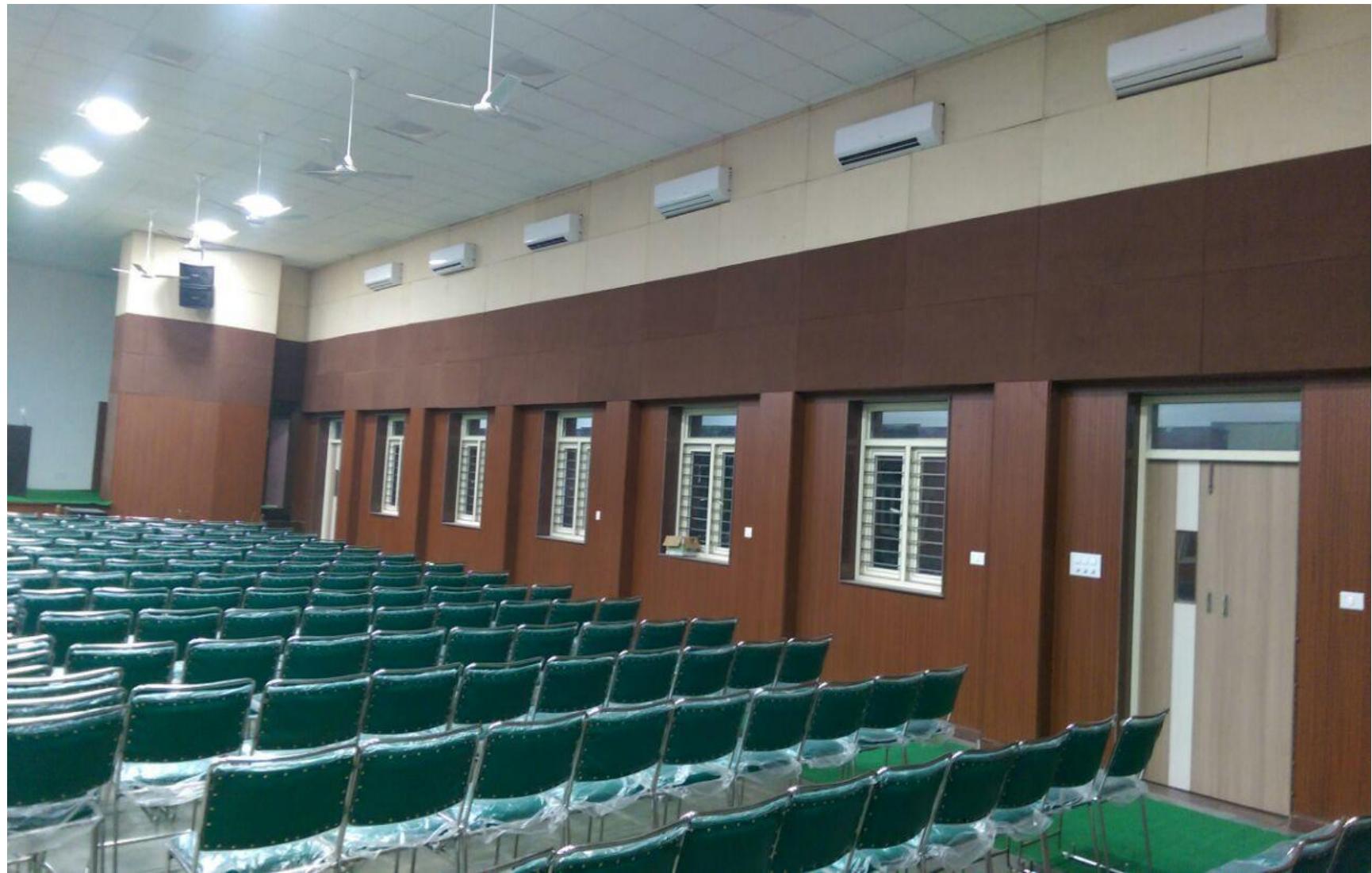
EXTERNAL FINISHING(one side of building)



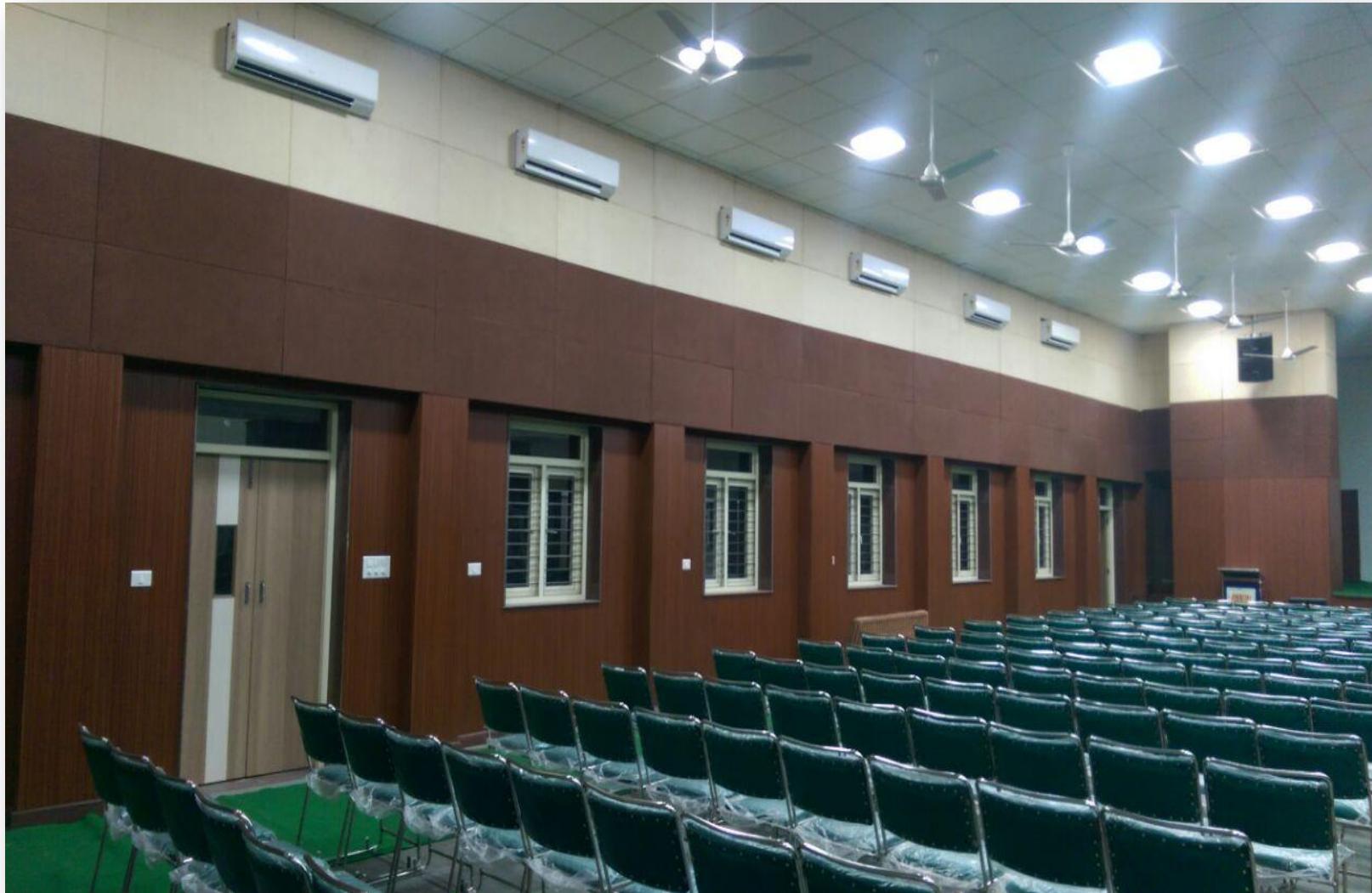
EXTERNAL FINISHING (other side of building)



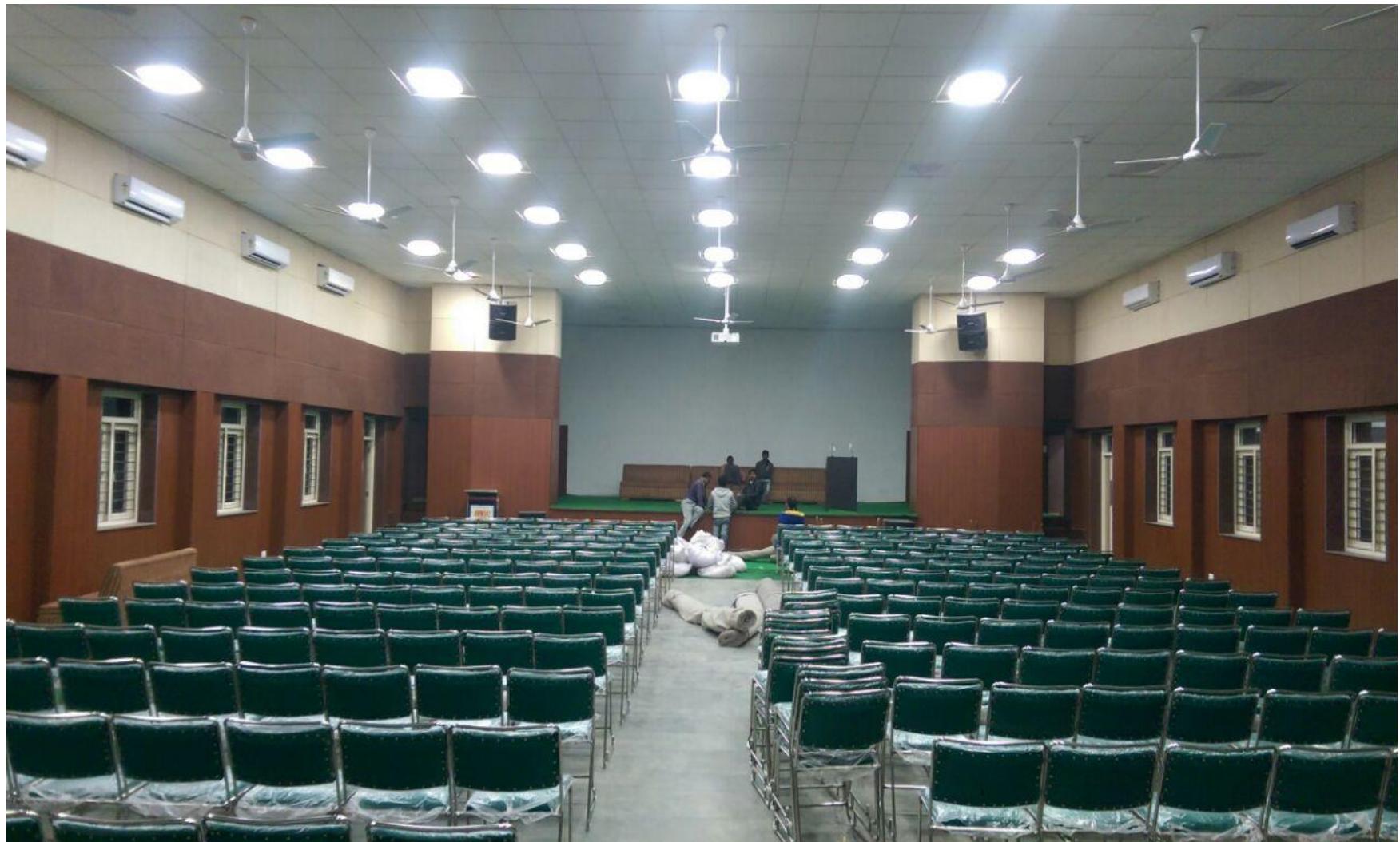
MP HALL-INTERNAL FINISHING



MP HALL-INTERNAL FINISHING



MP HALL-INTERNAL FINISHING



THANK YOU