PEPSCON 2017 PRECAST CONSTRUCTION SYSTEMS

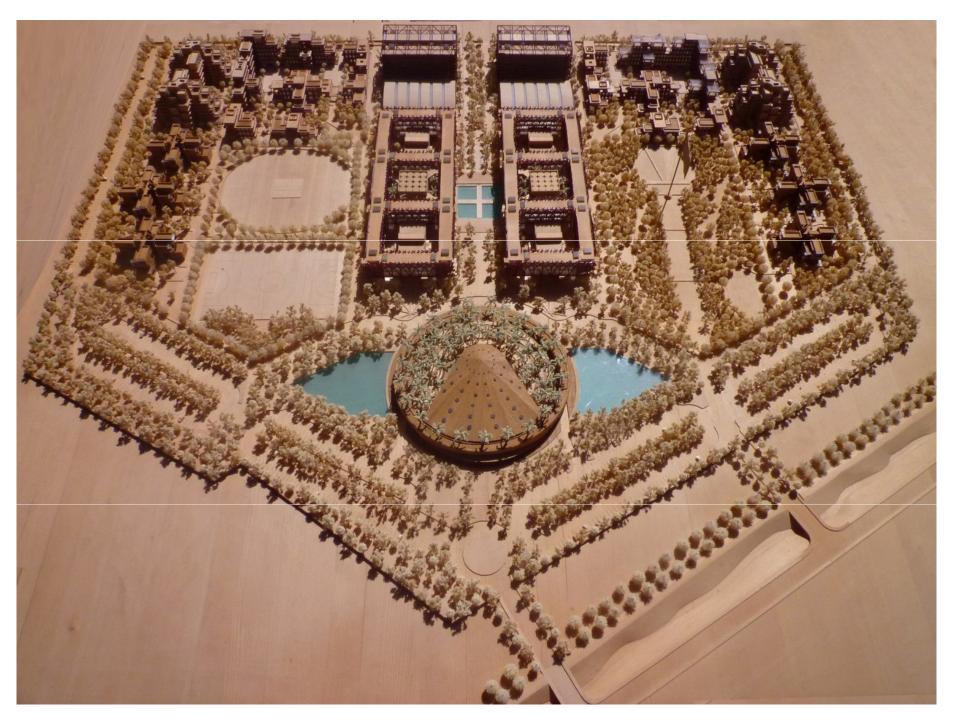
21-22 FEBRUARY 2017



SPA DESIGN PVT LTD



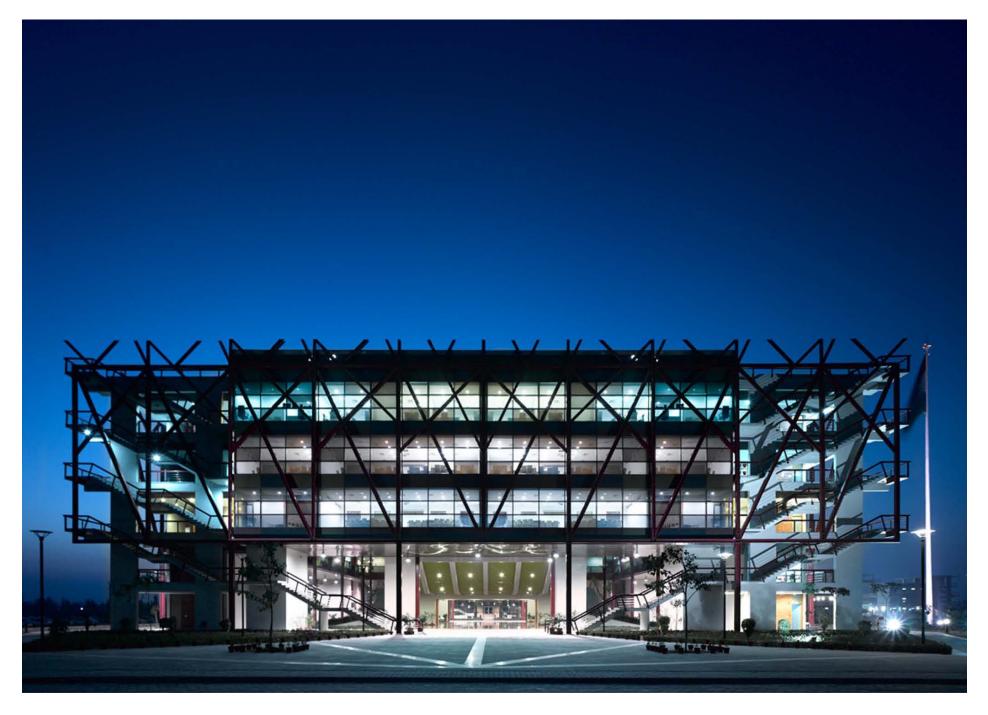




MASTER PLAN











ELEMATIC PRECAST PLANT AT JINDAL REALITY PVT .LTD



PRECAST FACTORY @ JINDAL REALITY



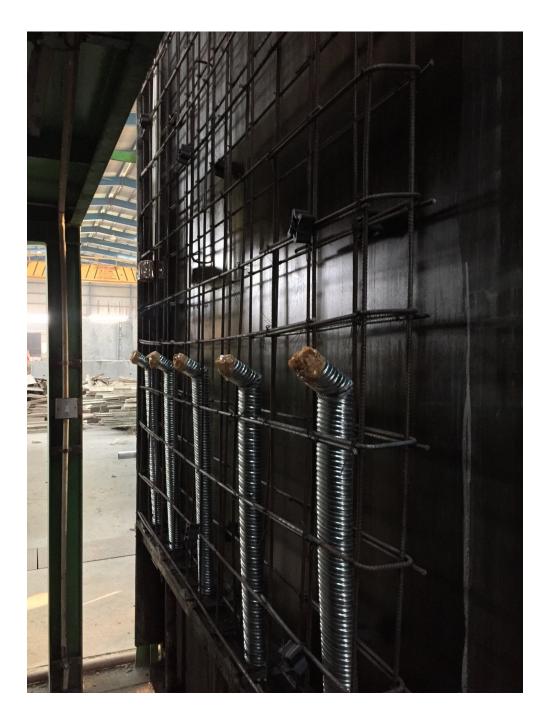
BATTERY MOULD PLANT



BATTERY MOULD PLANT



BED FOR BEAM & SLAB CASTING



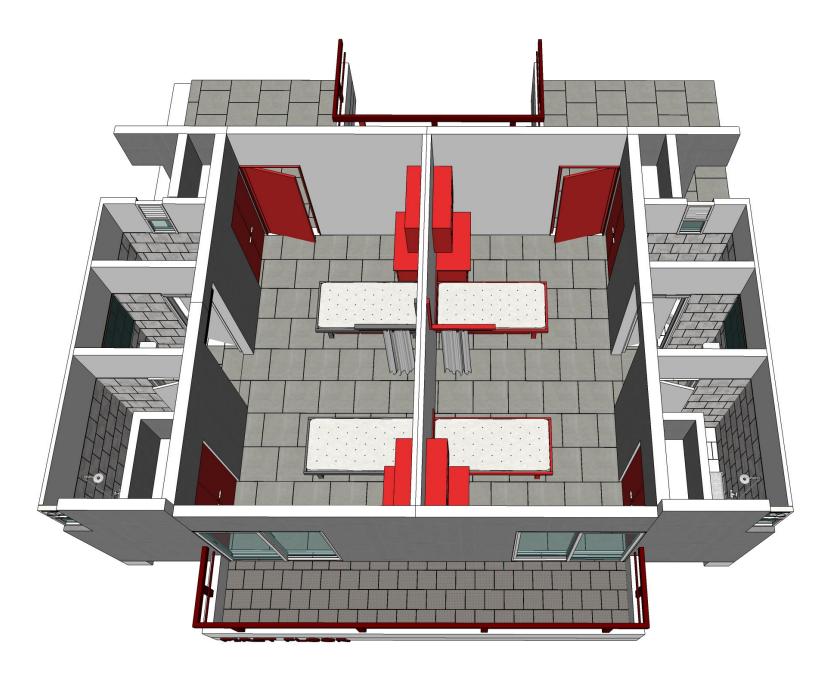


STAIRCASE MOULD



PRECAST WALLS

STUDENT HOUSING-2 WITH PRECAST CONSTRUCTION SYSTEM

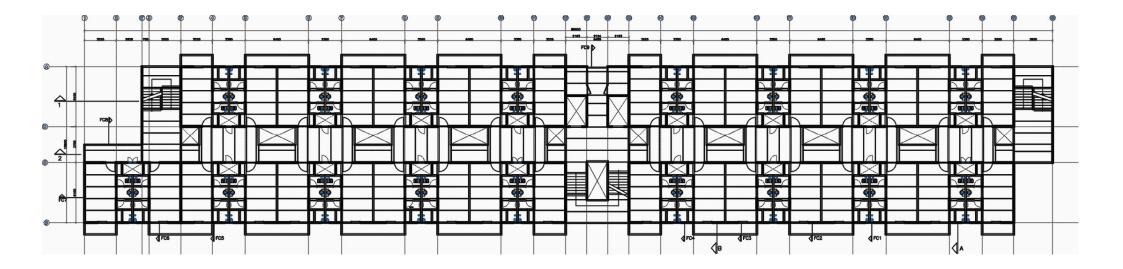


TYPICAL UNIT LAYOUT-SH2





GROUND FLOOR PLAN-SH2



FRAMMING PLAN-SH2



VIEW-NORTH EAST SH2



VIEW- EAST SH2

Ш Ш ш Ш Ш Ш Ш Π П П Π Ш Π П 111 П Н П П П П Π Ш Ш Π Т П П T П Т П Т Т F

SOUTH ELEVATIONS



NORTH ELEVATIONS

ELEVATIONS-SH₂



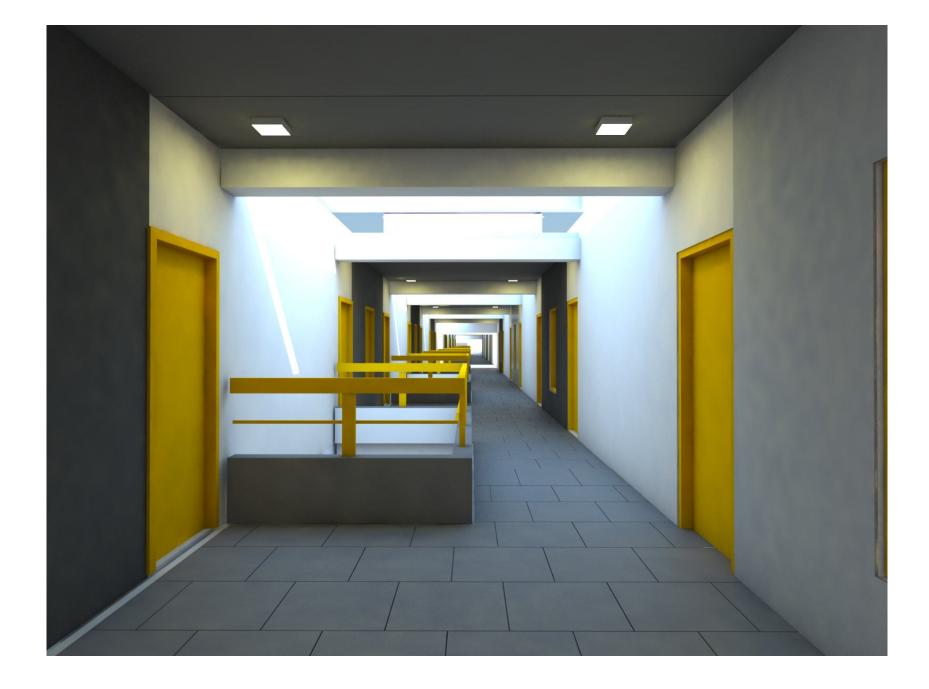
EAST FAÇADE

F F F FF T - Luce TTTT H TITI HTTER

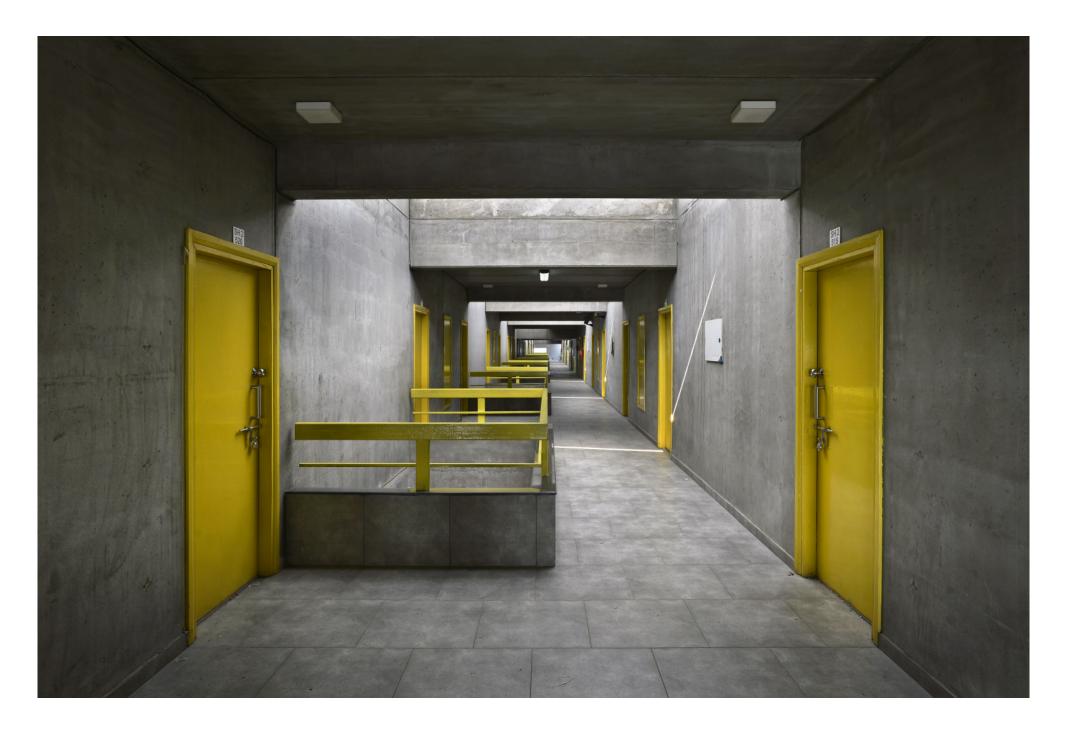
WEST FACADE



CORRIDOR VIEW-SH₂



CORRIDOR VIEW-SH₂



BUILDING PHOTOGRAPH

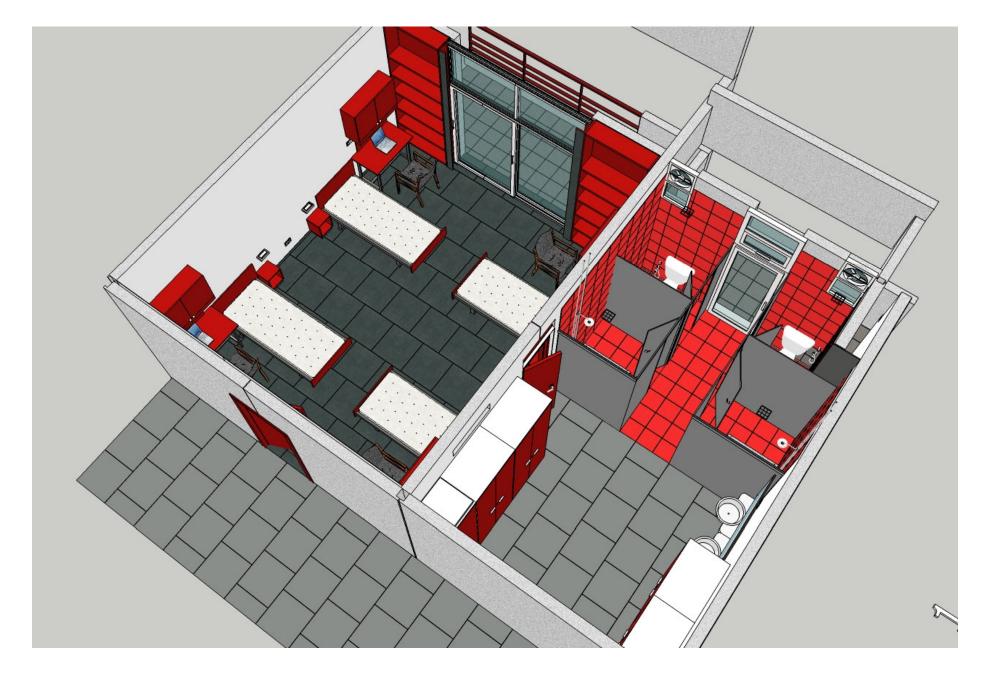


BUILDING PHOTOGRAPH

STUDENT HOUSING-3 &4 WITH PRECAST CONSTRUCTION SYSTEM



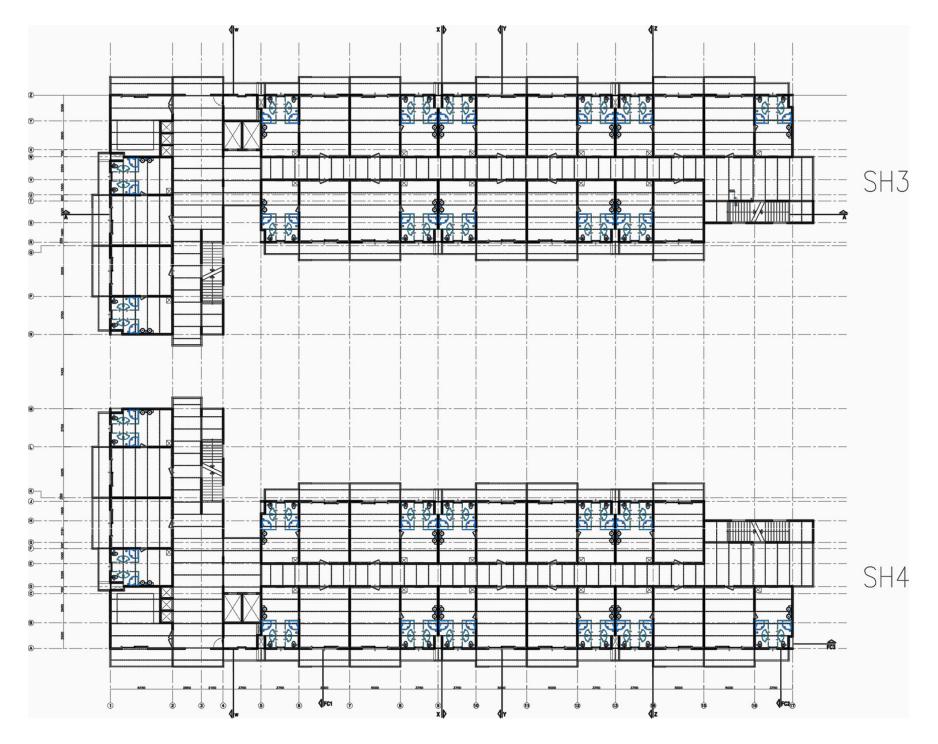
TYPICAL ROOM LAYOUT-SH3-SH4OP JINDAL GLOBAL UNIVERSITY



TYPICAL UNIT LAYOUT-SH3-SH4OP JINDAL GLOBAL UNIVERSITY



GROUND FLOOR PLAN-SH₃ SH-4 **OP JINDAL GLOBAL UNIVERSITY**



FRAMMING PLAN-SH3 SH-4



VIEW- EAST SH3-SH4



 $\mathsf{VIEW}\text{-}\,\mathsf{NORTH}\,\mathsf{WEST}\,\mathsf{SH}_3\text{-}\mathsf{SH}_4$

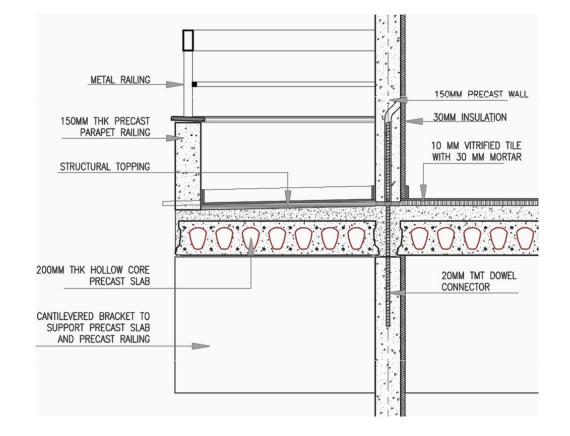


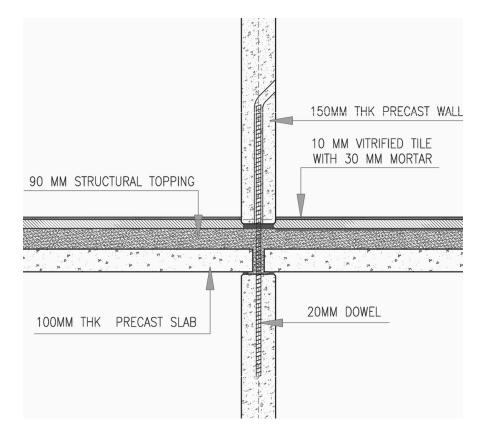
VIEW-SOUTH EAST SH3-SH4

OP JINDAL GLOBAL UNIVERSITY

DETAIL 1 -BALCONY CONNECTION



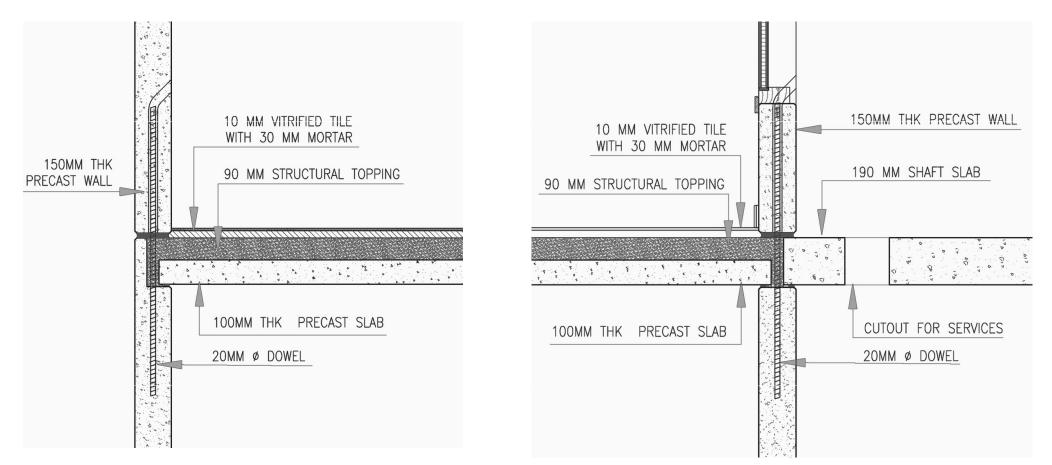




OP JINDAL GLOBAL UNIVERSITY

DETAIL 3-EXTERNAL WALL CONNECTION

DETAIL 4-ROOM & SHAFT CONNECTION



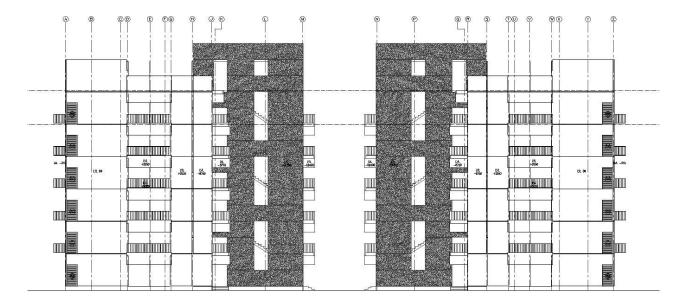
100 MM THK PRECAST SLAB 50 100 50 RESTING ON THE 50 50 900 MM DEEP SPANDREL 150 MM THK 100 MM THK PRECAST WALL PRECAST SLAB CORNER WALL CONNECTION 50 30 MM THK \Box \Box WALL INSULATION 100 MM THK 150 MM THK PRECAST SLAB PRECAST WALL 150 MM THK WALL CONNECTION PRECAST WALL

DETAIL 5-CORNER WALL CONNECTION

DETAIL 6-PERPENDICULAR WALLCONNECTION

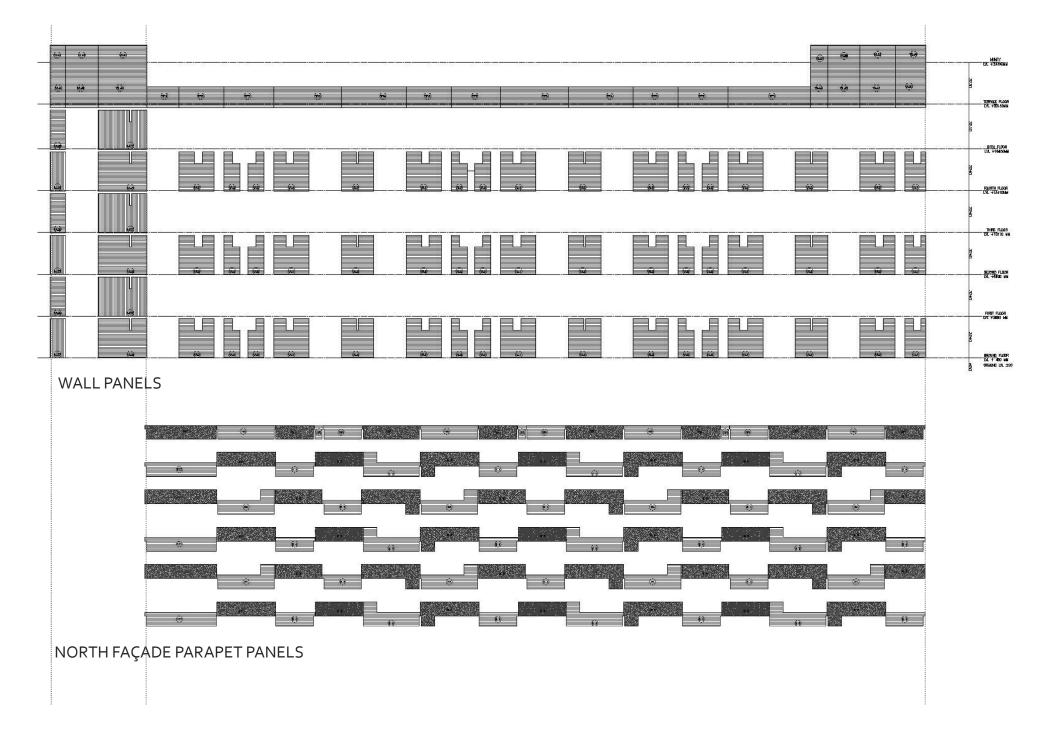
2 15 18 NUNTY DAL +23275800 0 . 00 151 60 L'AL 00 DA. 00 TERRINE FLOOR LVL +2005MM • * • . • 1 . . # . . III FI FIFTH RLOOP LOL + 19850NN * . . . 1 . . + • 16 * FOURTH FLOOR DAL +1341000 UNL 00 • * . 4 • UNL 00 16 . # . * 194 05 . 151.00 · · · · · LVL+1750 LVL+1750 A. 1 LVL+1750 THRO FLOOR INL +10170 NM ". * . . • . *• . 16 10 . SECOND R.COR LVL +8030 MI 1 . . 16 . 1 . . 10 . FIRST FLOOR Lyl, +3860 NM **المج**ار * * * . -• 16 1 " • CRULHO FLUCR LVL + 450 NN OFDLAD LVL ±00

SOUTH ELEVATION

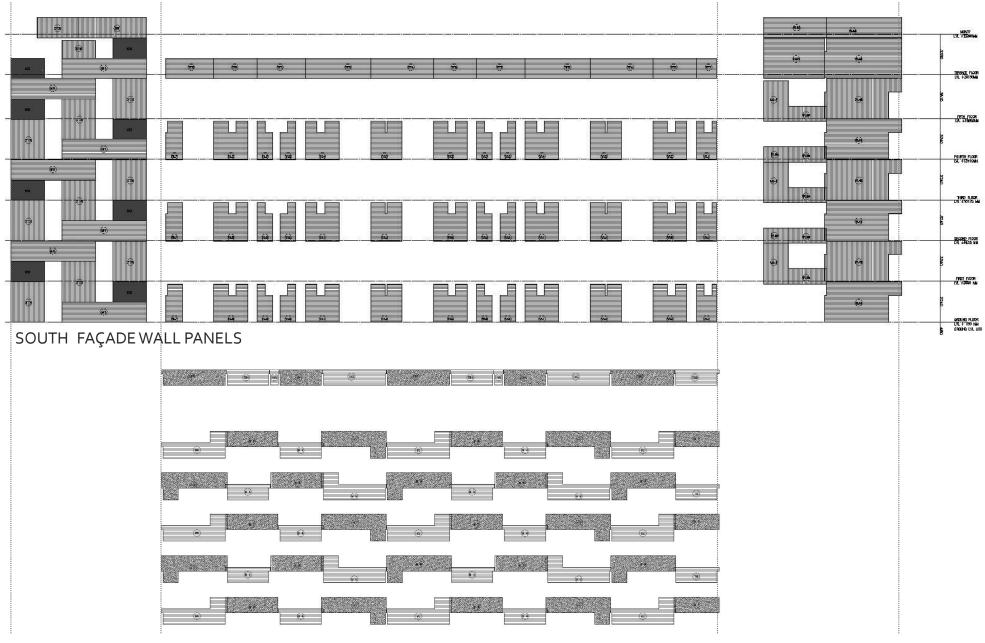


EAST ELEVATION

ELEVATIONS SH₃SH₄



WALL PANELS DETAIL



SOUTH FAÇADE PARAPET PANELS

WALL PANELS DETAIL

OP JINDAL GLOBAL UNIVERSITY

MUNTY TVL +23390MN

LVL +20150MM

LVL +16650MM

FOURTH FLOOR

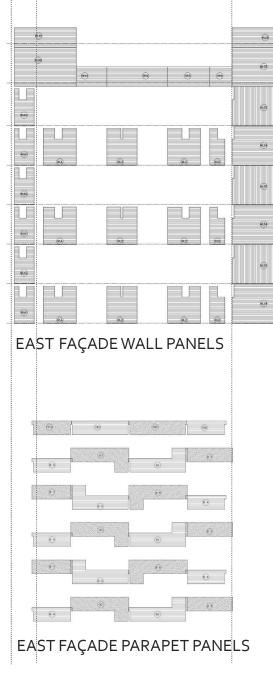
THIRD FLOOR

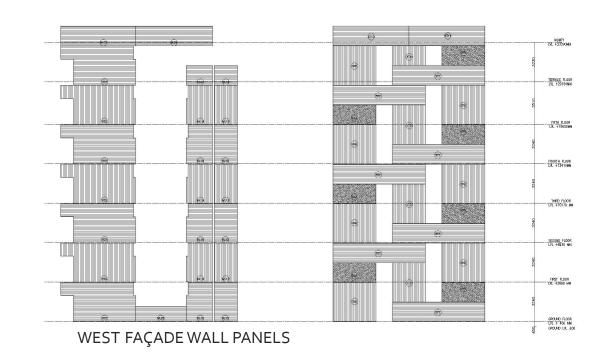
SECOND FLOOR LVL +6930 MM

FIRST FLOOR TVL +3690 MM

GROUND FLOOR LVL + 450 MN GROUND LVL ±00

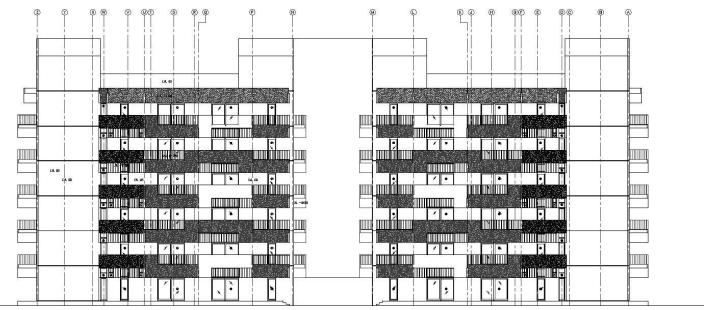
3







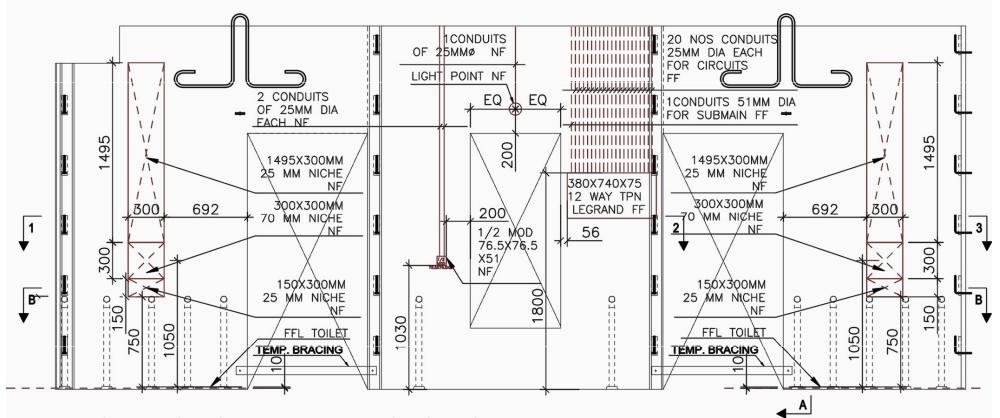
NORTH ELEVATION



WEST ELEVATION

ELEVATIONS SH₃SH₄

OP JINDAL GLOBAL UNIVERSITY

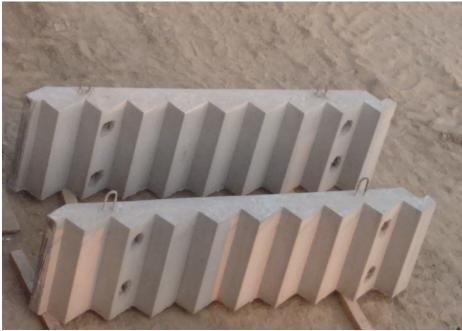


A

TYPICAL ELECTRICAL AND PLUMBING INSERTS



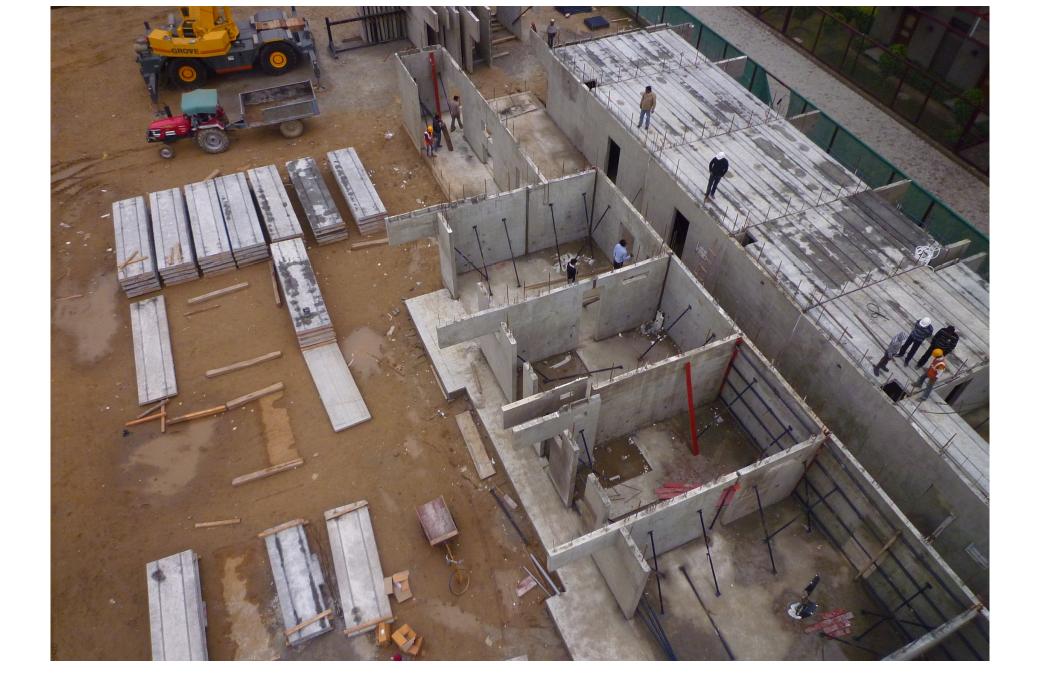


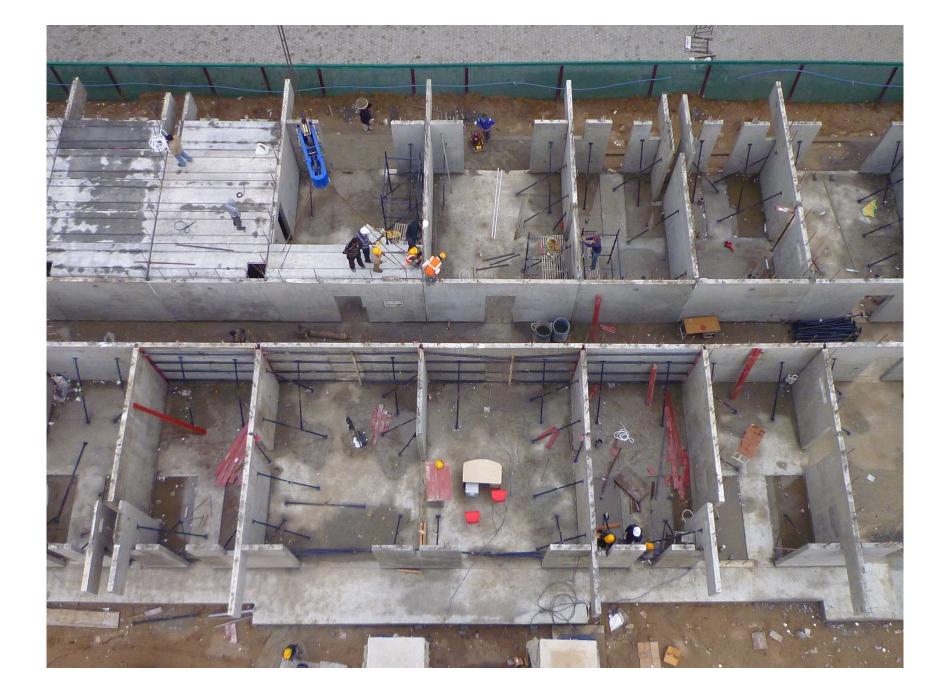






CONSTRUCTION PHOTOGRAPH





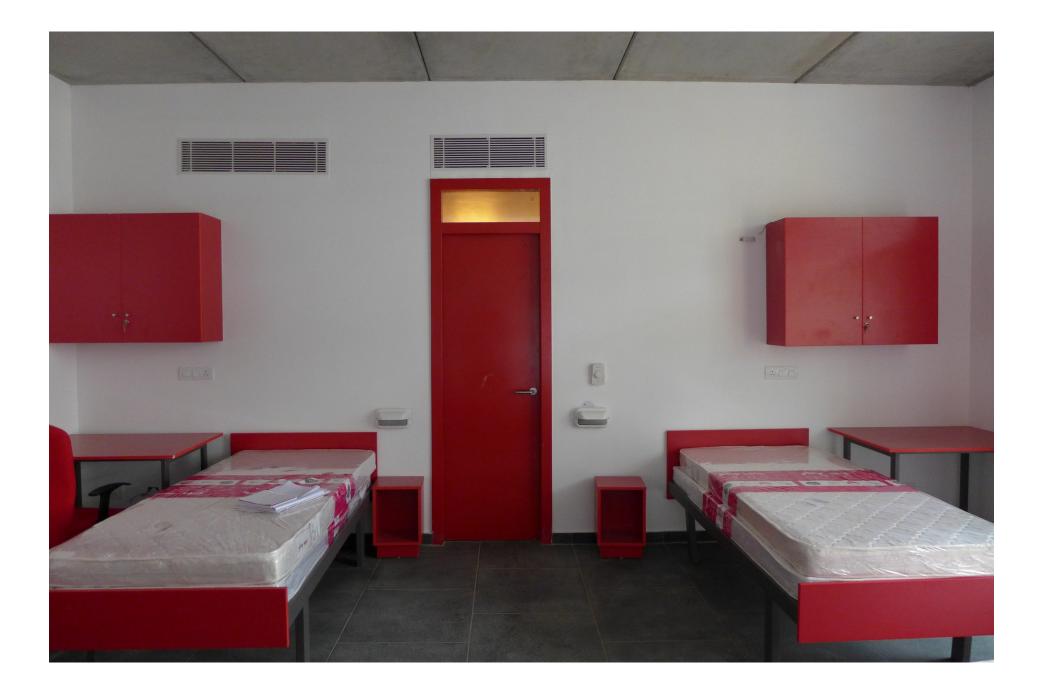


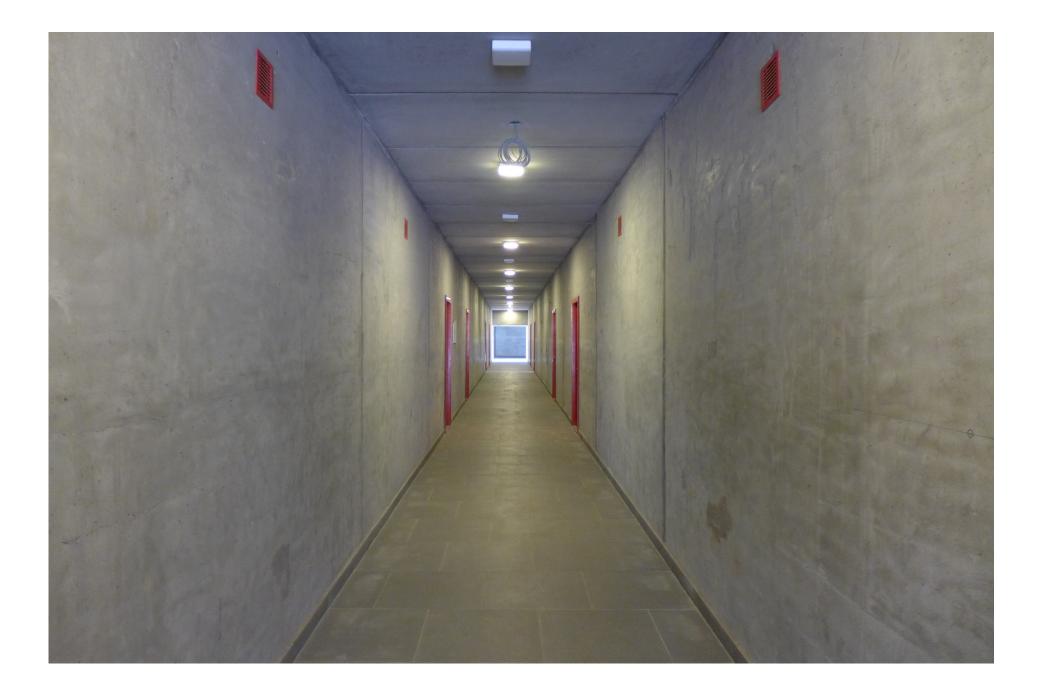












STUDENT HOUSING-5,6,7 WITH PRECAST CONSTRUCTION SYSTEM

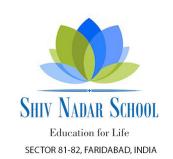


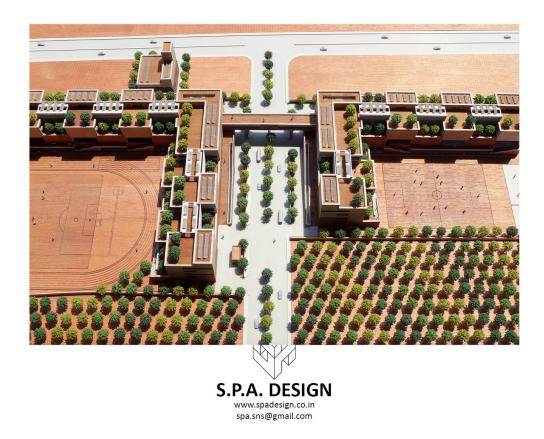


CONSTRUCTION PHOTOGRAPH









SHIV NADAR SCHOOL WITH PRECAST DOUBLE-T CONSTRUCTION SYSTEM















RUNNING TRACK& FOOTBALL GROUND



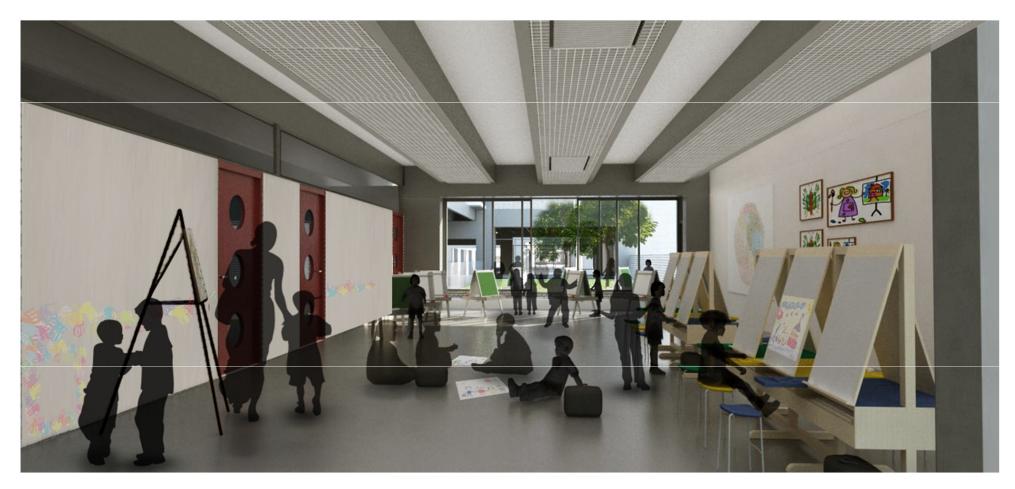
DOUBLE HEIGHT VERANDAH VISUALISATION



CORRIDOR VIEW



SPORTS HALL



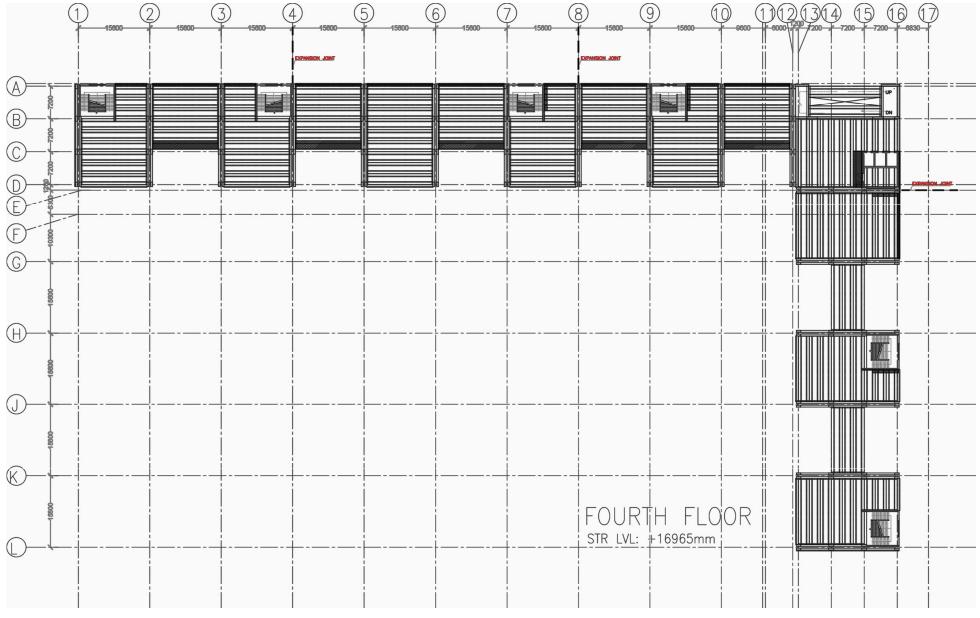
ART ROOM



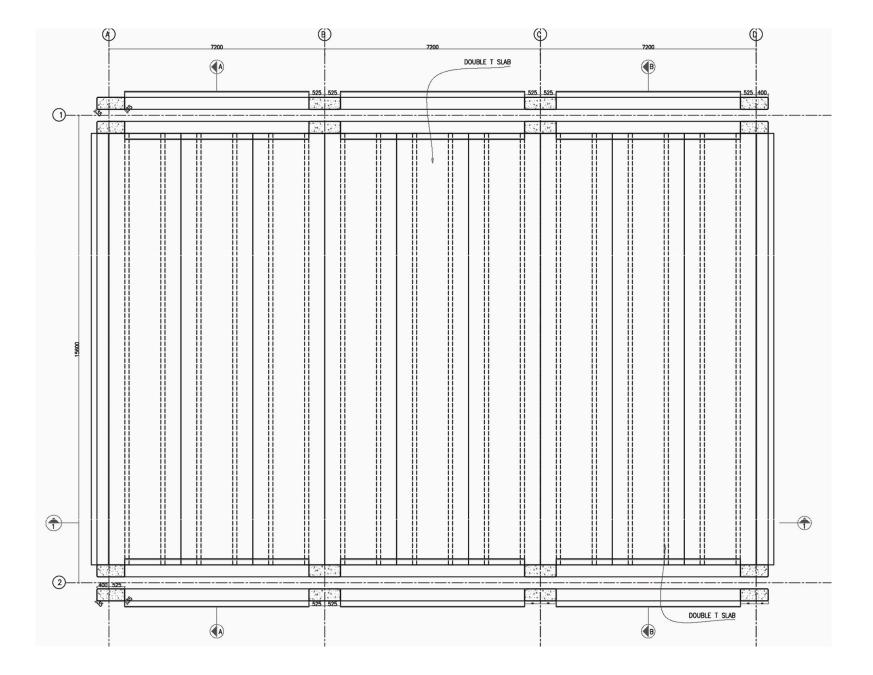
DINING HALL VISUALISATION



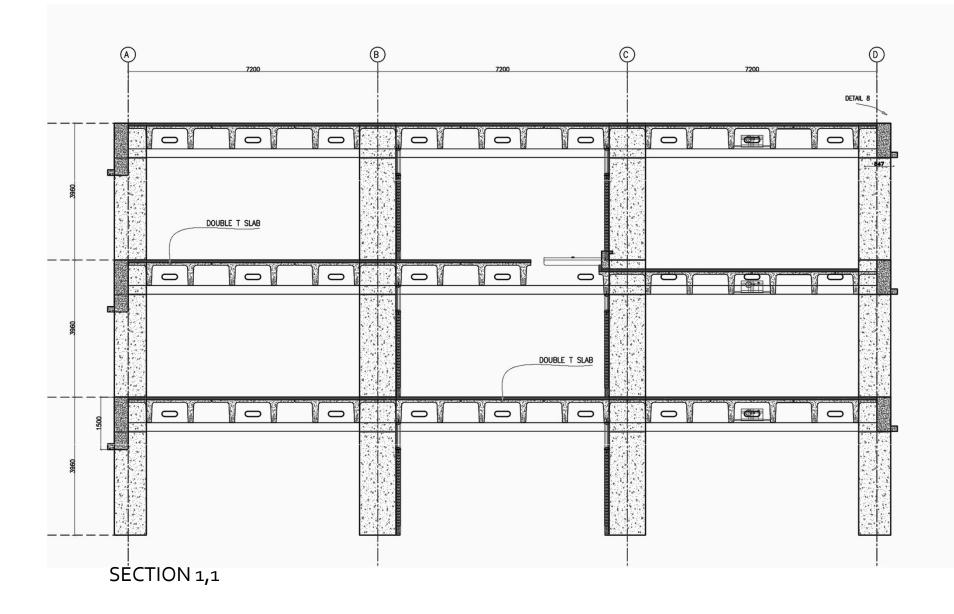
MULTIPURPOSE HALL VISUALISATION

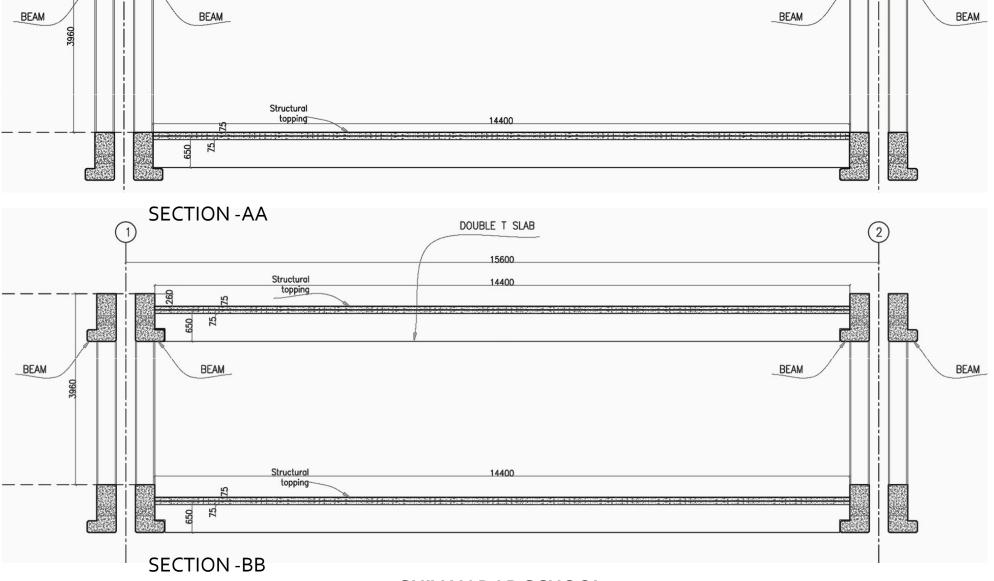


FRAMMING PLAN NORTH BLOCK



FRAMMING PLAN TYPICAL





DOUBLE T SLAB

15600

14400

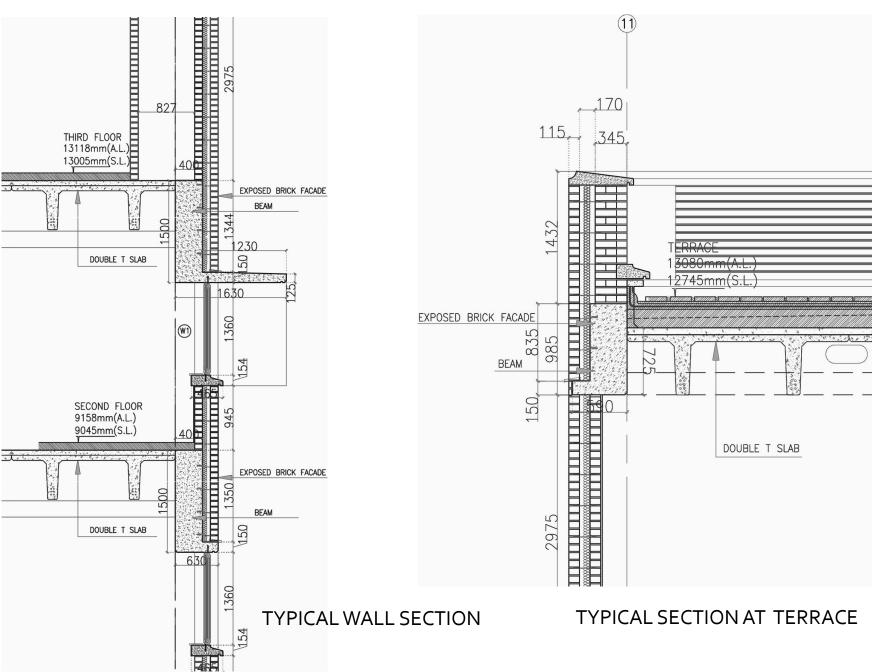
1

Structural topping

550 Z5 (2)

DETAIL 9

2745mm(S.L 1630 EXPOSED BRICK FACADE 1360 W1 835 985 154 BEAM N 18 150 E C EXPOSED BRICK FACADE 500 BEAM 2975 150 630 1360 **TYPICAL WALL SECTION** 154 SHIV NADAR SCHOOL



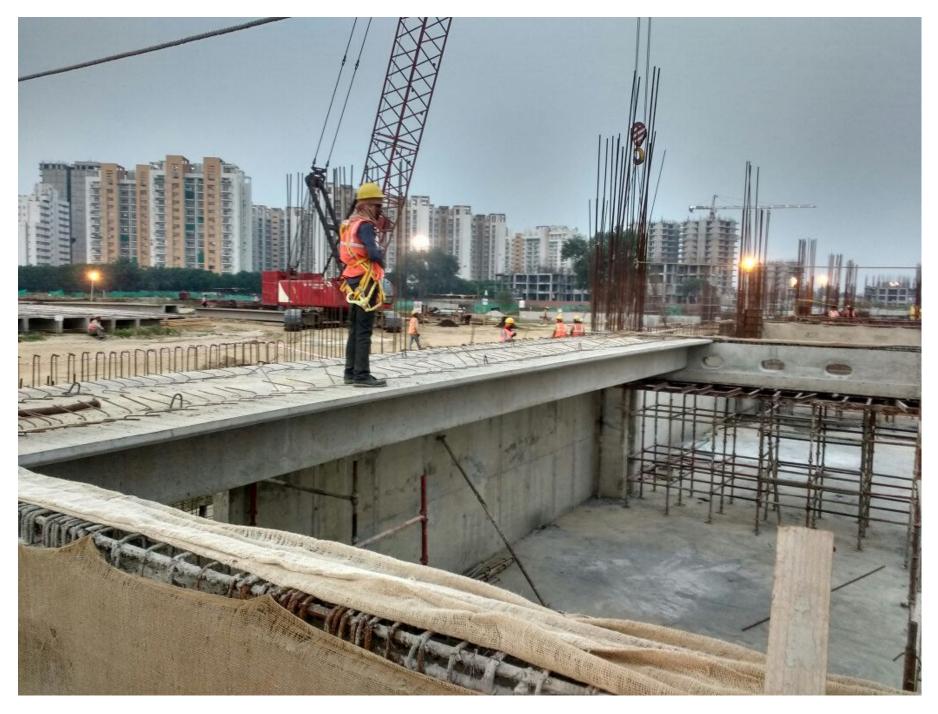






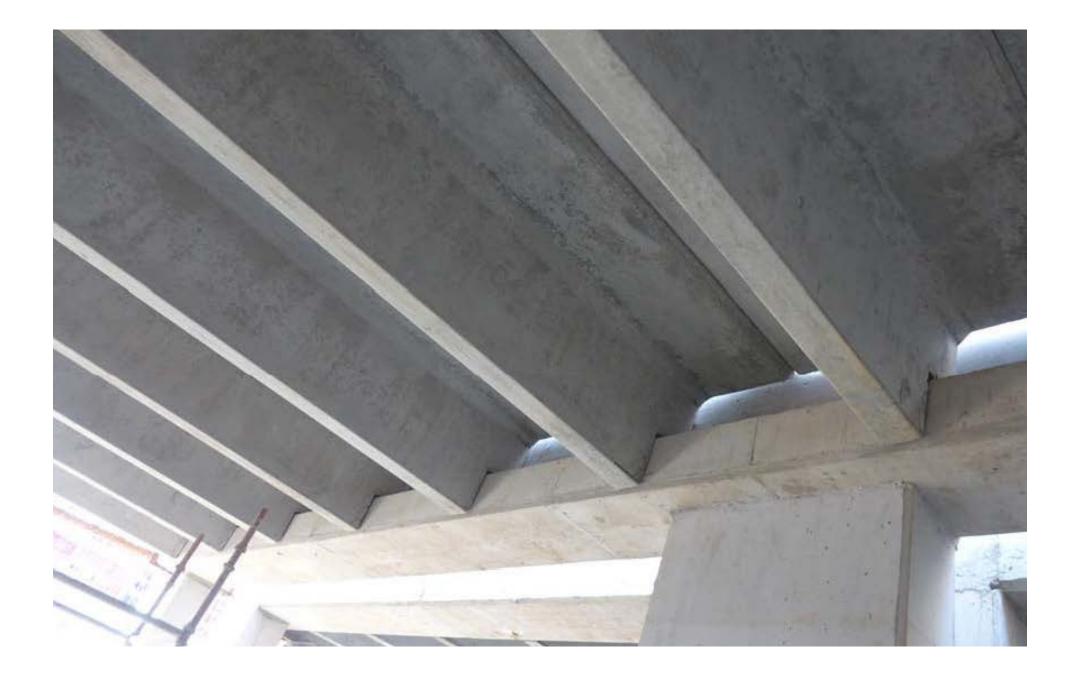


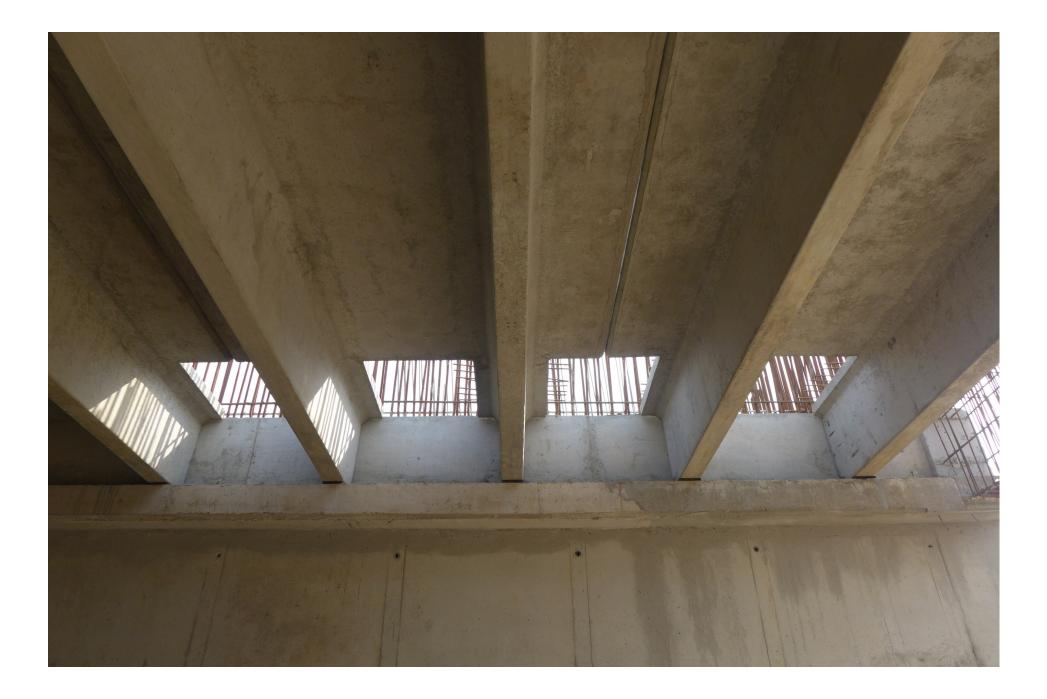
BUILDING PHOTOGRAPH DOUBLE –T SLAB SHIV NADAR SCHOOL





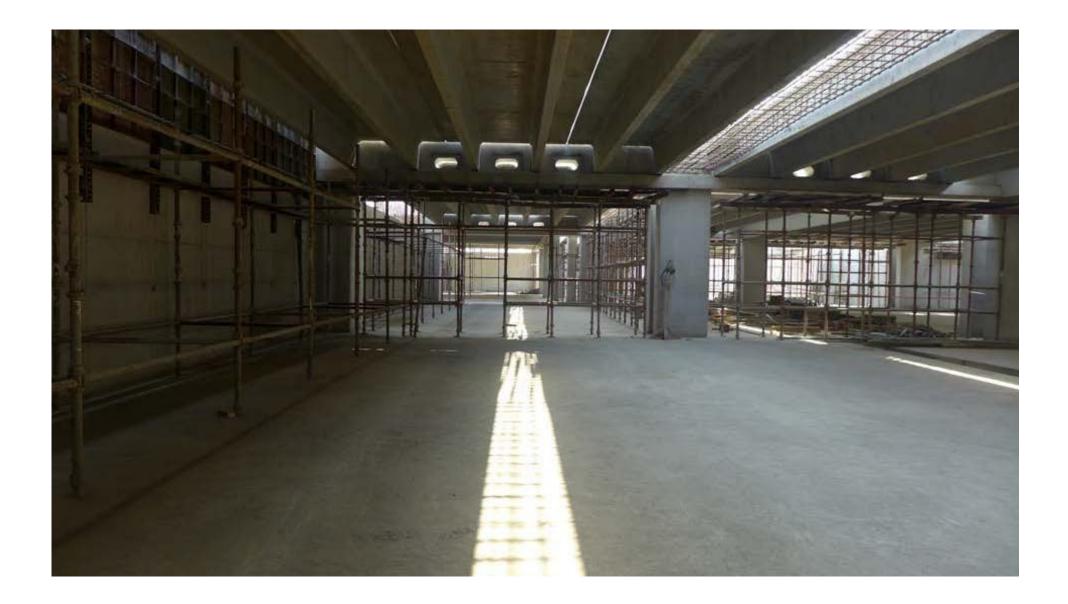
BUILDING PHOTOGRAPH DOUBLE –T SLAB SHIV NADAR SCHOOL



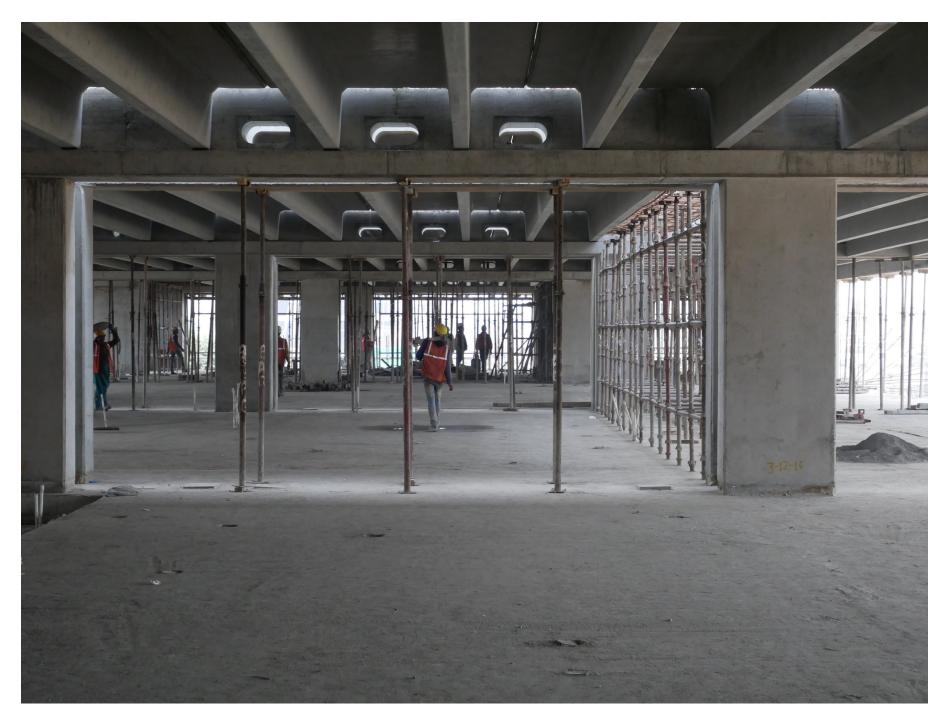




BUILDING PHOTOGRAPH DOUBLE –T SLAB SHIV NADAR SCHOOL



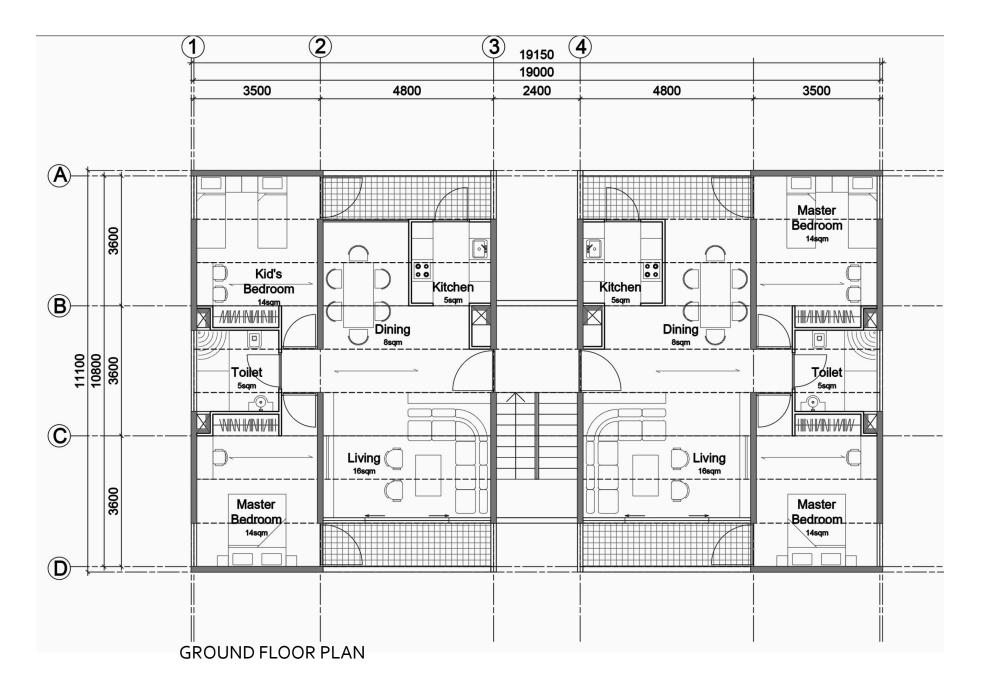








REPUBLIC OF RWANDA (AFRICA)









THANK YOU