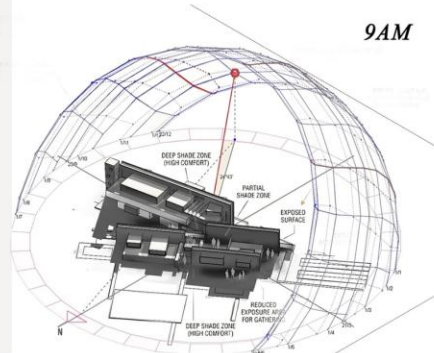


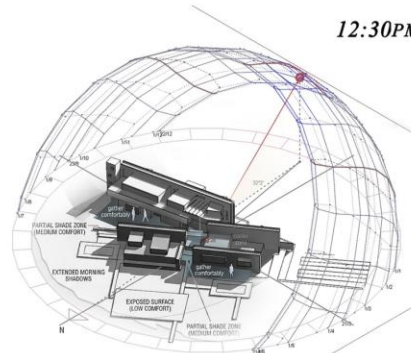
FORUM OF INSCRIPTIONS - NAHR AL-KALB - SHADE STUDY & MICROCLIMATE ANALYSIS

THE WALLS ACT AS ENVIRONMENTAL DEVICES THAT REDUCE HEAT BY BLOCKING DIRECT SOLAR RADIATION AND CREATING DEEP, CONTINUOUS SHADED ZONES WITHIN THE PROJECT AT NAHR AL-KALB. THEIR THICK STONE MASS ABSORBS AND DELAYS HEAT TRANSFER, STABILIZING TEMPERATURE THROUGHOUT THE DAY. AT THE SAME TIME, THE SPACES BETWEEN WALLS ENHANCE AIRFLOW, GENERATING A COOLER MICROCLIMATE THAT IMPROVES OUTDOOR THERMAL COMFORT.



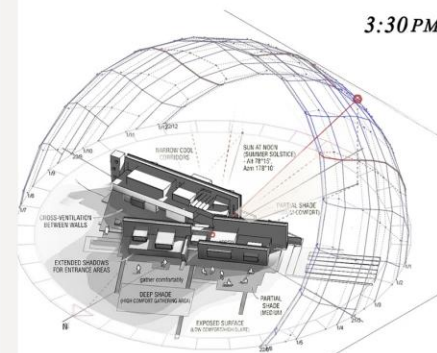
9AM

LONG, ANGLED SHADOWS EXTEND ACROSS THE SITE, CREATING COOL SHADED CORRIDORS THAT SUPPORT COMFORTABLE EARLY MOVEMENT.



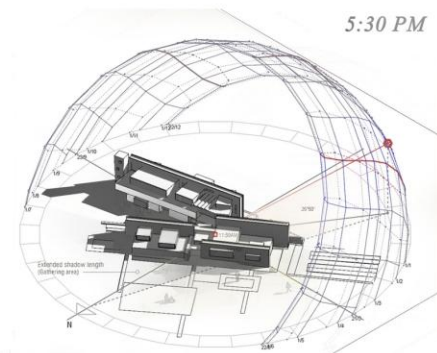
12:30PM

ESPIE PEAK SOLAR EXPOSURE, THE HEIGHT AND THICKNESS OF THE WALLS GENERATE DEEP, CONCENTRATED SHADE, MAINTAINING THERMAL COMFORT IN PROTECTED ZONES.



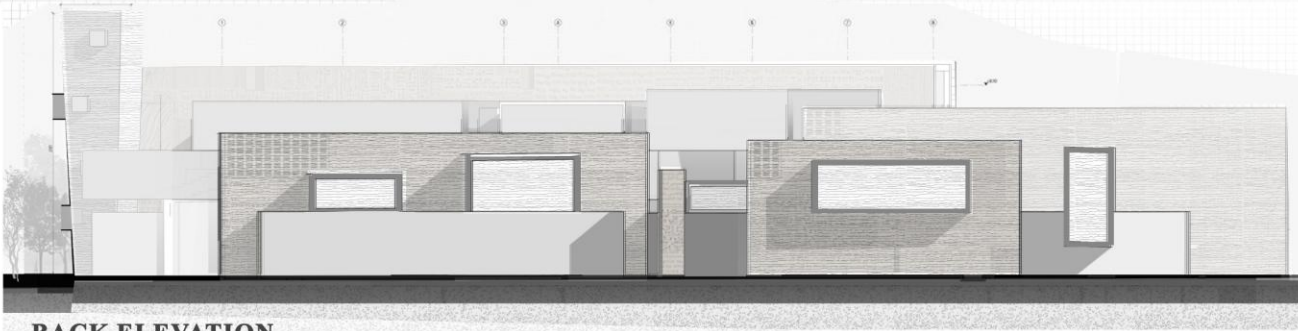
3:30 PM

SHADOWS EXPAND AND CONNECT BETWEEN WALLS, SIGNIFICANTLY REDUCING DIRECT HEAT GAIN AND ALLOWING WIDER AREAS TO BECOME USABLE.

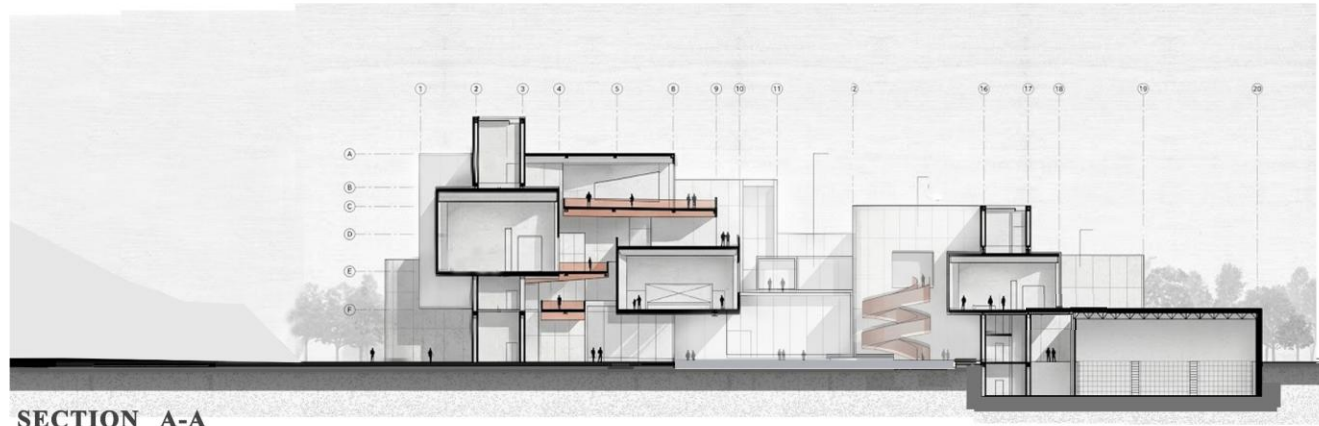


5:30 PM

LATE AFTERNOON LIGHT SOFTENS, WITH DOMINANT SHADING ACROSS THE GROUND PLANE, PRODUCING A STABLE COOL MICROCLIMATE SUITABLE FOR REST, GATHERING.



BACK ELEVATION



SECTION A-A

WALL SECTION

