

FUNCTIONAL DESIGN

Master Plan –CKG MEMORIAL GOVERNMENT ARTS AND SCIENCE COLLEGE, PERAMBRA

Background

The CKG memorial government college is situated in Kozhikode district, with an entry from Kuttiadi-Perambra state highway with an extends of 16.96 acre of land in total. Currently the campus has six buildings excluding the independent toilet block and each building has developed in different style as the construction of this building carried out on different times. The main academic building with 3 floors is planted on west where huge amount of land dig out to flatten the area to locate the building. The college was established in 1975. The college started functioning using the infrastructure of the Perambra high school. In 1987 the college was shifted to the present location. In 1992 the first degree courses in commerce were started. Now the college offers five degree courses and one post graduate programme . This college is affiliated to the University of Calicut. The college has got sprawling campus of sylvian Beauty of 16.96 acre lying a part of hillock of steep terrain which offers good panoramic view to the site . It is noted that no proper compound wall on boundaries are constructed except at the entrance area which allows easy access to the site which may causes to have outside influences in turn which create security issues.

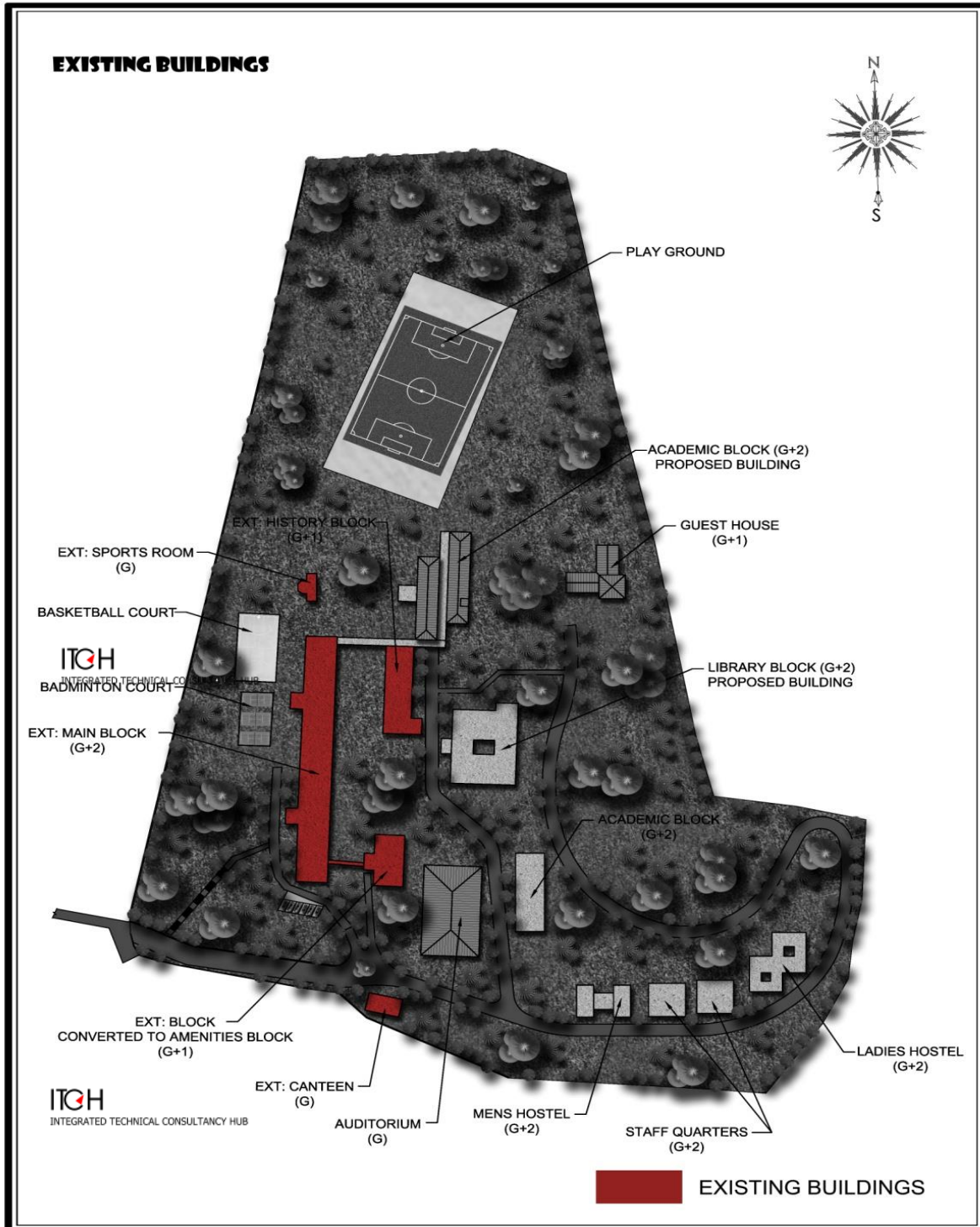
Location Assessment

Even though the site is located in busy area especially the west and southern side flanked by commercial establishments, the peculiar site situation like higher elevation provides a tranquil and peaceful atmosphere to the campus. The main entry to the site is from Kuttiadi Perambra state highway which is running approximately 200m away on western side, another stepped pedestrian walkway is also seen from the main road to academic building. The opposite side of the road abutting on the south is over crowded with commercial establishments. One of the major requirements raised by college authorities is construction of a fully fledged library block and an additional block with few class rooms, seminar halls, which will have an interconnection to the existing main block.

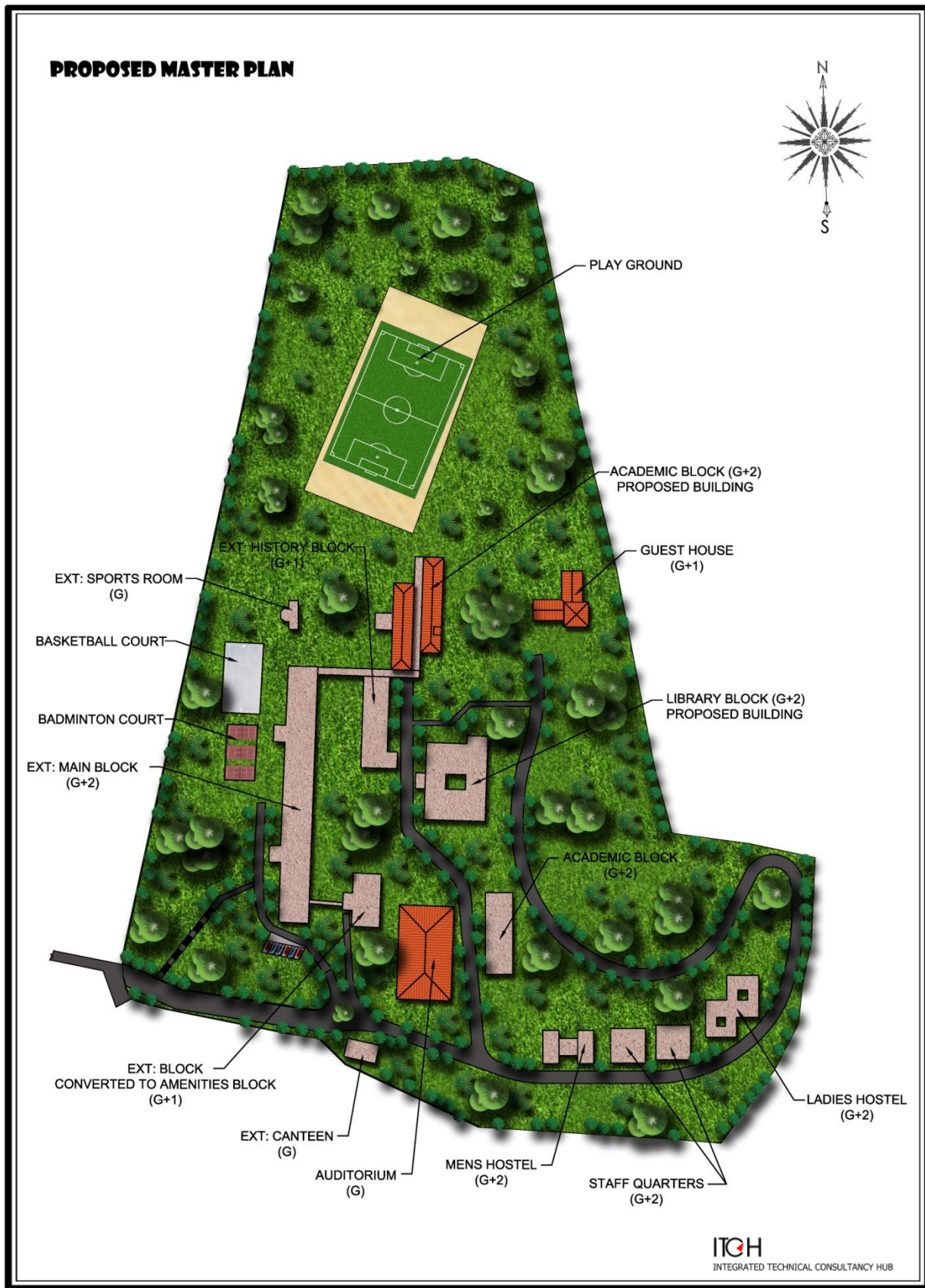
Existing building and circulation

On detailed analysis of the site , it is noted that there is an academic block having 3 floors which accommodate, class rooms, seminar halls and administration in the south west side of campus. A small library building with two floors is housed on North eastern side of academic building is connected by a foot bridge at first floor level of main building. A two storied RCC building is expected to be finished by couple of months time is located at the centre of the campus and the building has got easy access from library nad main building.

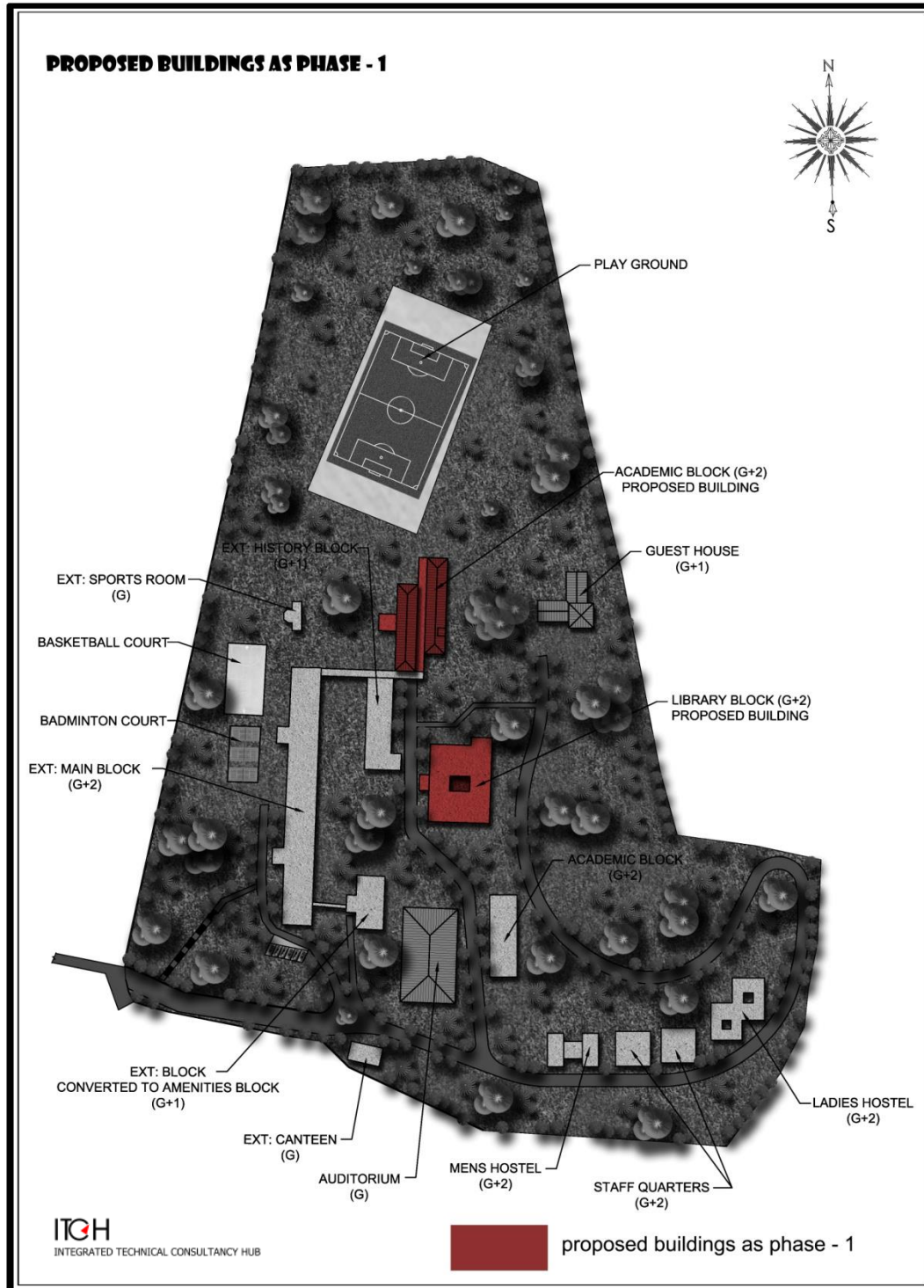
A canteen is functioning in pucca building at the entrance point and an isolated toilet block is placed just behind the present library block. By removing the earth on Northern side of site created a plain ground which is utilized as play ground for students. The condition of existing building looks fairly good. The figure below represents the current scenario of the school.



Redevelopment of Master Plan



The redevelopment programme constitute 2 phases phase one includes evaluation of status and condition of existing buildings to be retained and identify future requirement to be developed as a model campus in consultation with faculties and respective authorities. The design process for the proposed scheme is initiated by understanding the climate, existing built form and is planned to make the best use of topography and functional requirement.



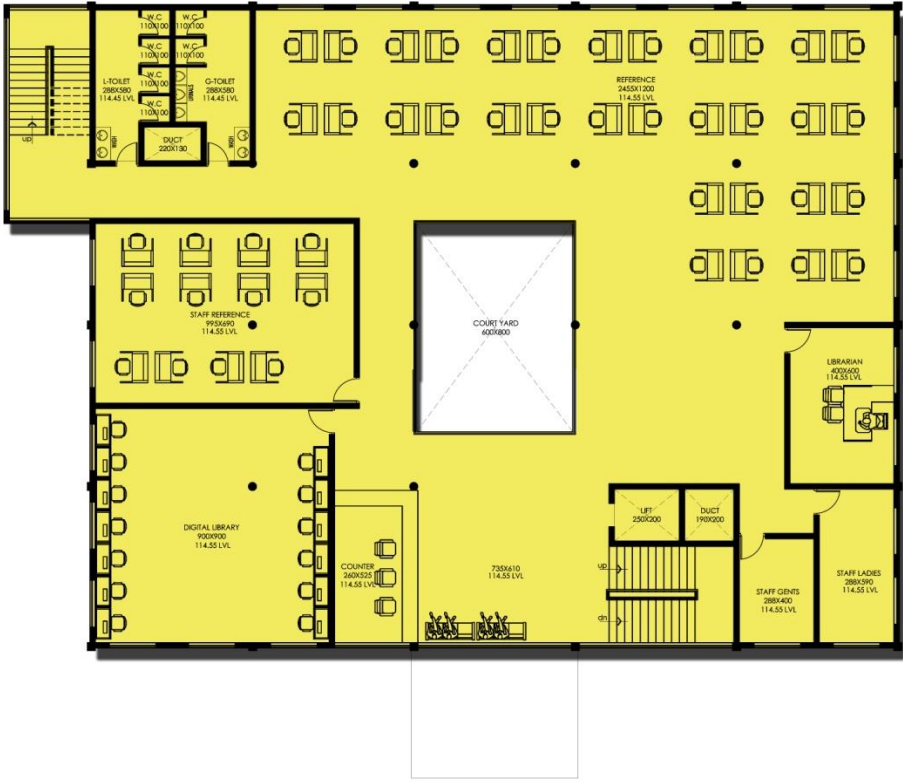
The prime request by faculty members are honored by proposing library building at the center of campus , which is very near to the history building , under construction that enable easy access for students and staff from all directions. In order to match with existing site topography, the ground floor is limited up to a depth of 12m and remaining left as ground level is proposed to have reception, journal readings, archaives etc where as first level designed for digital library , staff reading, librarians room and general references and second floor level assigned for lending Section and audiovisual purposes. All these three different levels are connected by a court that is extendable into indoor reading area and lower level where the students can read in outdoor environment.



LIBRARY BLOCK



GROUND FLOOR PLAN (LIBRARY BLOCK)
 PLINTH AREA - 446.35 SQ.M



FIRST FLOOR PLAN (LIBRARY BLOCK)
 PLINTH AREA - 795.89 SQ.M

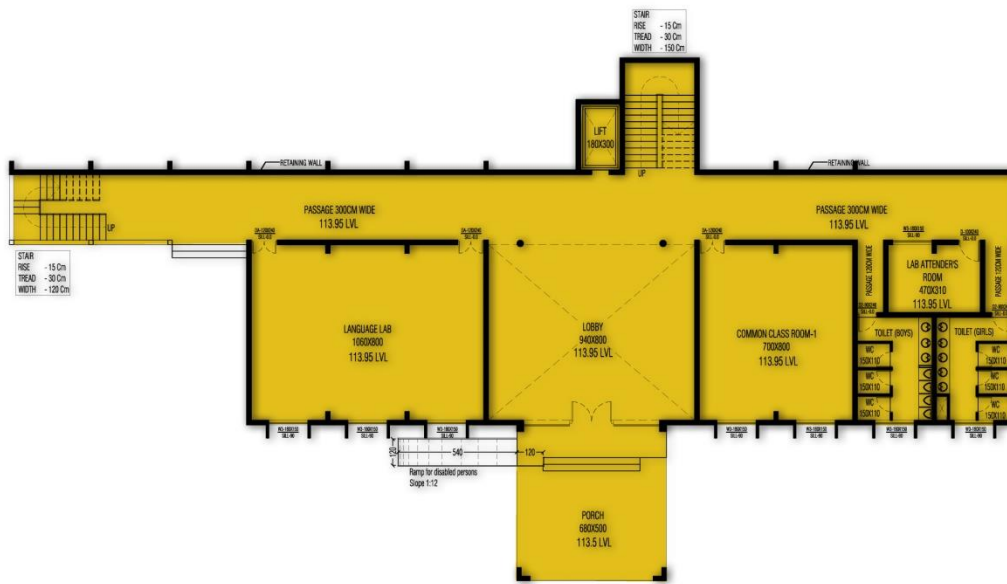


SECOND FLOOR PLAN (LIBRARY BLOCK)
 PLINTH AREA - 795.89 SQ.M

Another building with class room, seminar halls and faculty rooms etc in three levels are also proposed North eastern side of main building and history building also a foot bridge at first floor level of main building is proposed to establish an easy connectivity between history and new building. The proposed academic building will have 3 floors in which ground level accommodates class rooms and lab. Whereas first level and second level filled with class rooms, lab, seminar halls, faculty rooms and toilet.



ACADEMIC BLOCK



GROUND FLOOR PLAN
AREA - 467.48 SQMT.
PORCH - 48.28 SQMT.