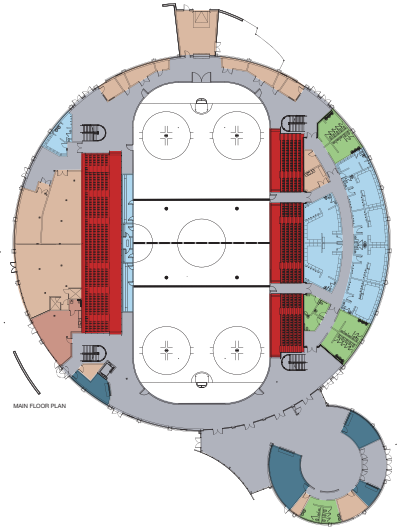
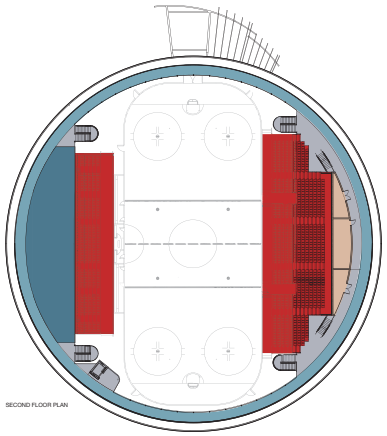
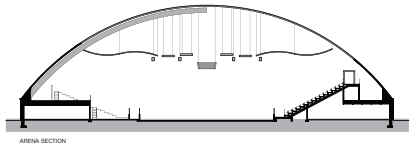
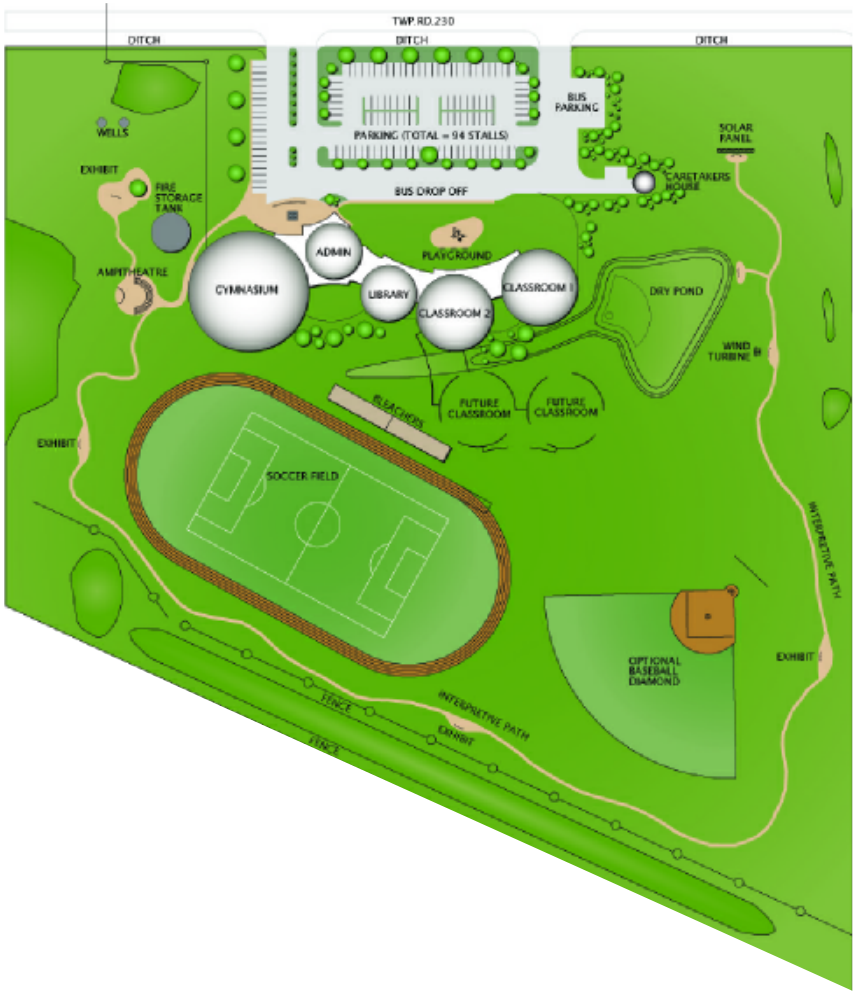
Whitefish Lake Arena

The Whitefish First Nations Band required a new ice arena to replace their existing arena which was destroyed by a fire in 2007. The new 45,000 sf, 1200 seat arena includes a year round ice facility as well as community related facilities, including a fitness area, running track, full kitchen/food preparation area, food court, retail space and Community College space. The new facility is sited to address the existing Band offices and will function as the social heart of the community. The building is designed to incorporate a monolithic concrete dome structure which provides a 235 ft free span and provides improved thermal / envelope performance at approximately 20% less cost than conventional steel construction.



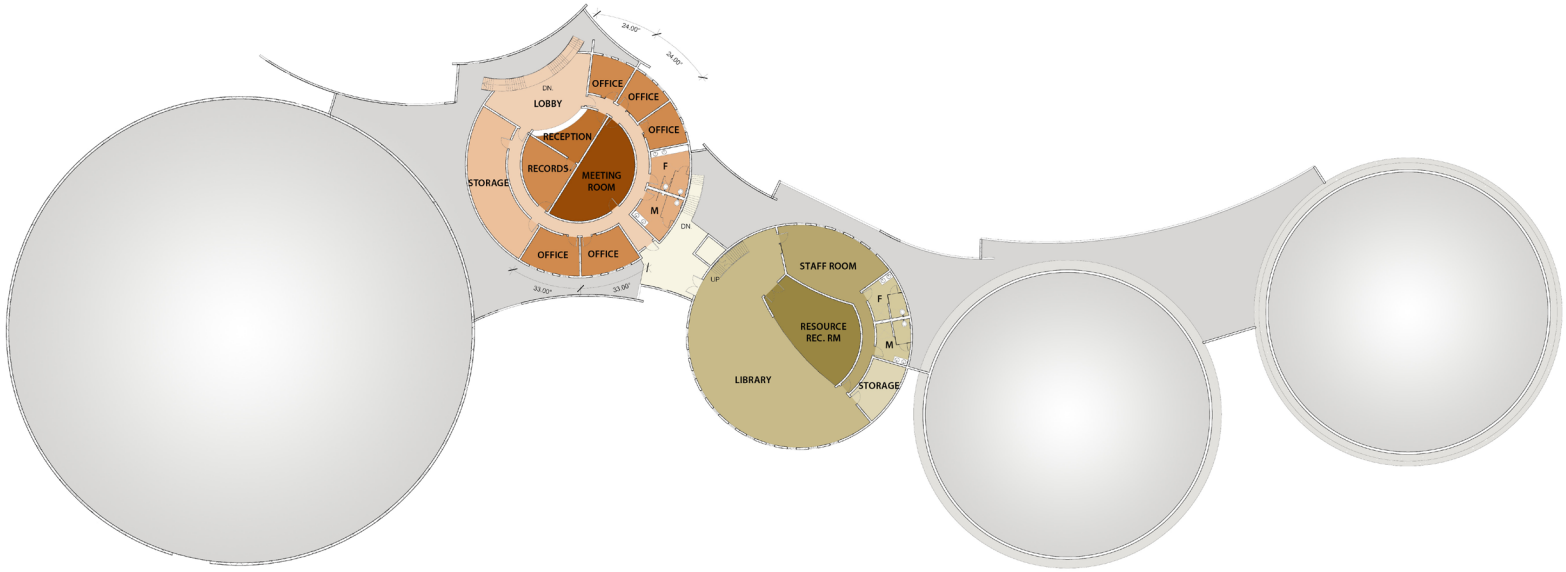






Green Learning Academy

The Green Learning Academy is proposing to construct a new school campus near the community of Indus, SW of Calgary. The site is agricultural land located in the County of Rocky View. The proposed school is to consist of 5 monolithic dome pods which would be connected to each other. Each dome would house a specific function including: two classroom pods, library, gymnasium, auditorium, and administration. The area between the domes was constructed using standard construction methods and acted as a thread, connecting all of the domes together. Site development included an educational walk with learning nodes, sports facilities, parking lot and superintendant's house.



2 Level 2
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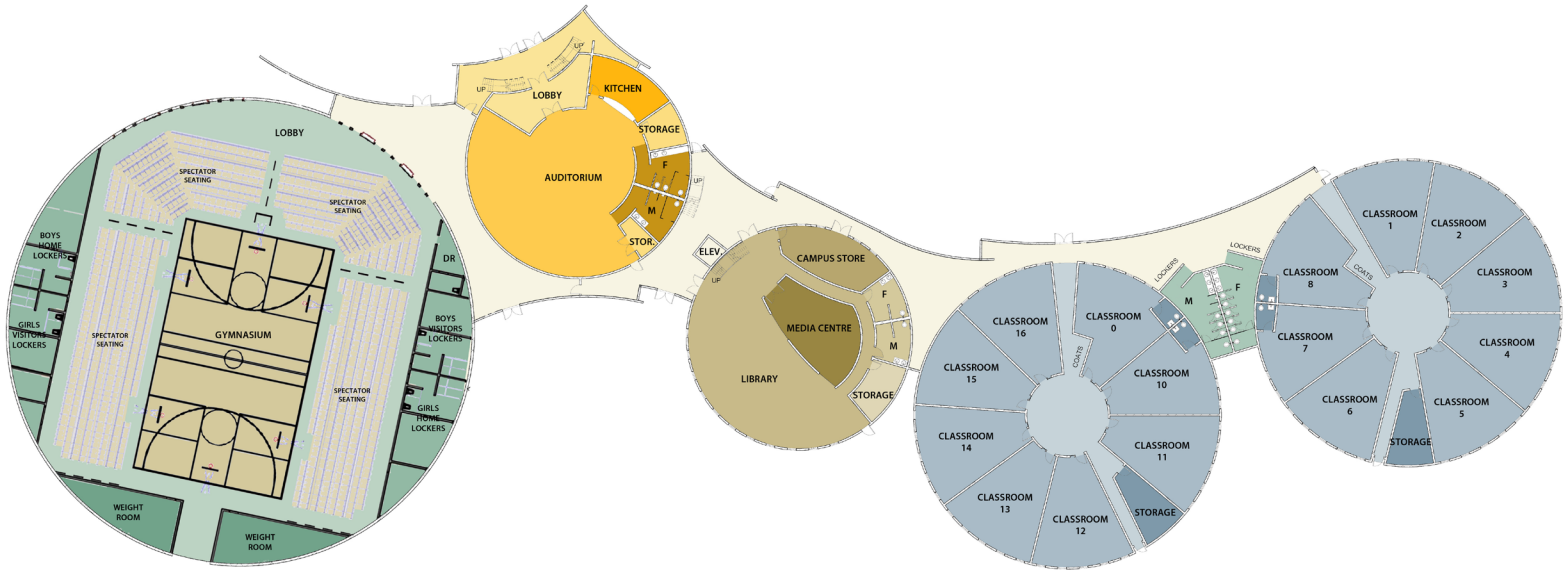

1 Level 1
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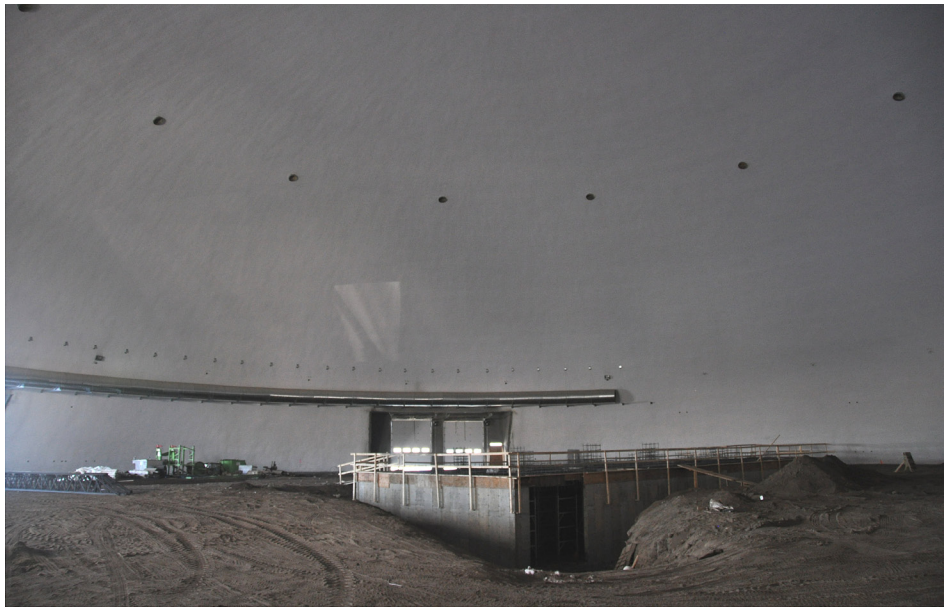
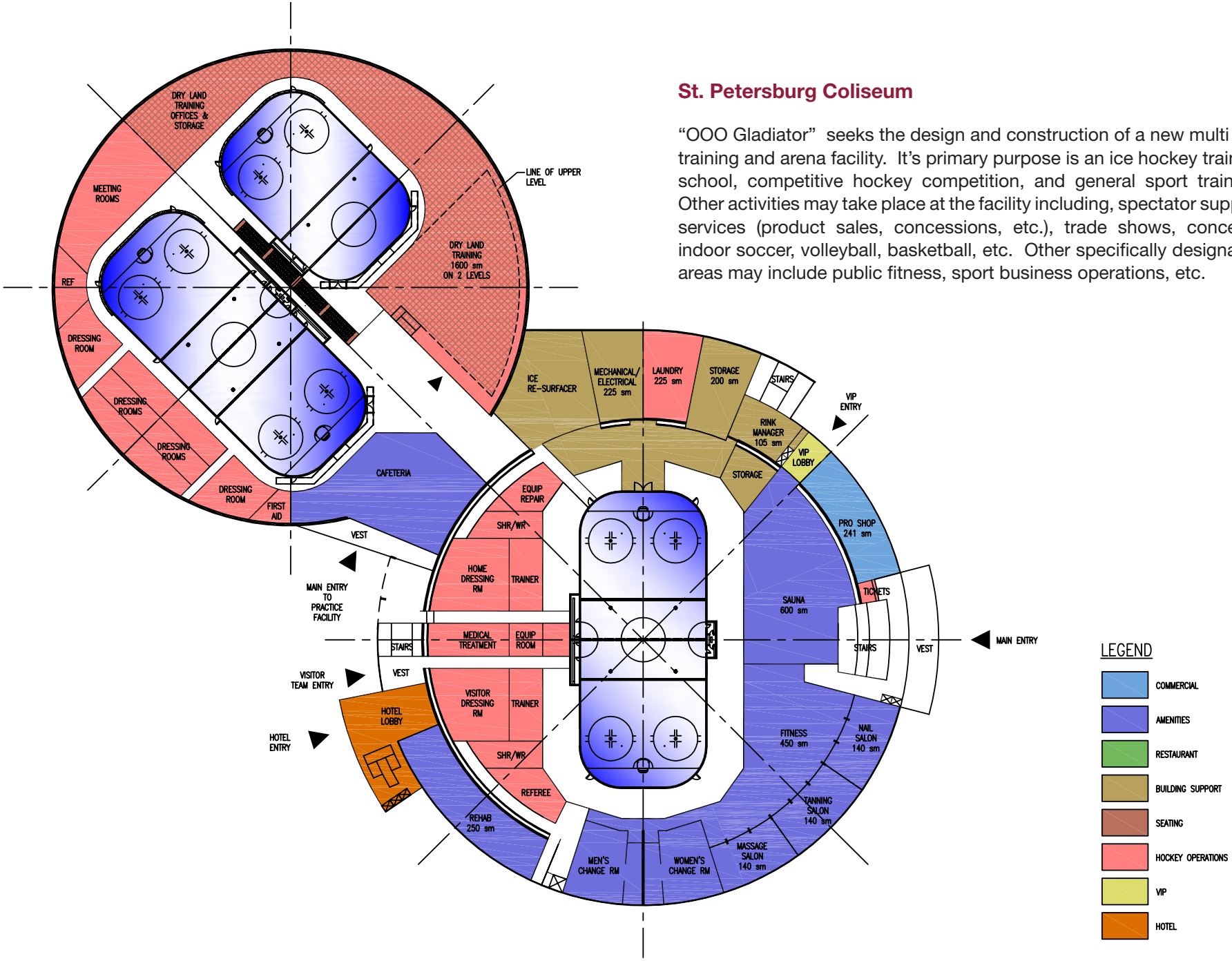


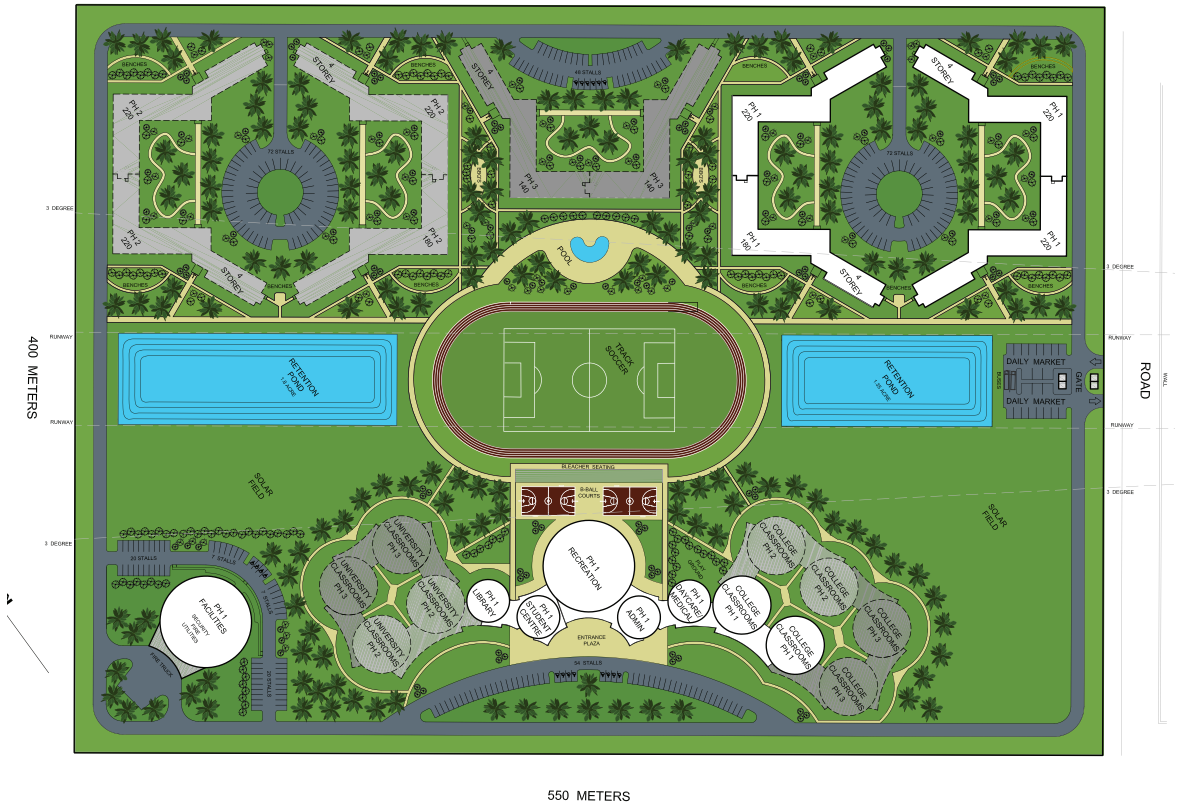
Greys Recycling Plant

The Greys Recycling facility sits on 7 acres in the Edmonton North West Waste Management Centre. The facility is the first of its kind for the City of Edmonton Waste Management Centre, both in the type of facility and in its architectural structure. Greys provides “closed loop recycling” opportunities for residents and businesses alike. Their facilities allow the city of Edmonton to recycle paper and glass and manufacture similar products which can in turn be recycled again and again. Paper and glass are housed in their own processing and manufacturing facilities, with shared office space running between their individual structures. The 60,000sf plant consists of two highly efficient monolithic domes, with R60 insulation. A majority of the light brought into the space is done using solar sunpipes, and it is heated using both solar power and methane energy from waste materials.

St. Petersburg Coliseum

"OOO Gladiator" seeks the design and construction of a new multi use training and arena facility. It's primary purpose is an ice hockey training school, competitive hockey competition, and general sport training. Other activities may take place at the facility including, spectator support services (product sales, concessions, etc.), trade shows, concerts, indoor soccer, volleyball, basketball, etc. Other specifically designated areas may include public fitness, sport business operations, etc.





Trade School / Aviation Business College

Our objective is to design and construct two education facilities within one campus adjacent to the Cap Haitian Airport. The proposed trade school will integrate into the Government's overall economic strategy to prepare Haitians for jobs within 6 – 18 months with companies seeking to relocate to Haiti and provide essential trade skills in the fields of construction/manufacturing, tourism/ hospitality, healthcare, security/law enforcement and many other programs such as auto mechanics and English as a second language. The aviation business college will be specifically aimed at the emerging field of aviation business. While several flying schools exist in the Caribbean, no other school of this nature exists that can offer a business degree associated with the field of aviation and it is believed that this school would attract students from around the Caribbean and Central America.