



Capstone Design Project Abstract

Project Title: Site Development of Sany Point Airport (South Abaco, Bahamas)

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Sandy Point Airport (SPA), located in South Abaco, The Bahamas, exists as a 4,500 linear feet (LF) and does not experience significant air traffic due to its deteriorating runway and lack of services. The Town of Sandy Point, located at the southernmost tip of South Abaco, is a small and impoverished community. It is home to approximately 500 residents, the majority of whom are generational South Abaconians. They are hardworking individuals who dream of better lives for themselves and for the generations to come. This transformative project will not only spark the economy, but it will create thousands of jobs for people desperately looking for steady employment.

The objective of our project is to produce a full site development plan for the airport, which will include all construction documents necessary to design the airport. Our team has worked tirelessly to create a unique, sophisticated design for the airport given the geological conditions of the island. Our design includes sustainable building practices, highlighting the importance of protecting the delicate environment of South Abaco.

The construction documents that will be produced are listed below:

- G-001 Cover Page
- G-002 General Notes
- G-003 Supplemental Notes
- G-101 Existing Conditions
- C-101 Site Plan
- C-102 Demolition Plan
- C-103 Grading Plan
- C-104 Erosion and Sediment Control Plan – Phase 1
- C-105 Erosion and Sediment Control Plan – Phase 2
- C-106 Erosion and Sediment Control Plan – Phase 3
- C-107 Stormwater Management Plan
- C-108 Stormwater Management Details
- U-101 Utility Plan
- L-101 Landscape Plan
- L-105 Landscape Details





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