

IMPROVEMENTS TO THE HYDRAULICS SYSTEMS OF THE EXISTING BUSINESS PARK FACILITIES - COSTA DEL ESTE

Client: DIESA-DESARROLLO INMOBILIARIOS DEL ESTE, S.A.

Location: Panamá

Disciplines involved: Civil, Electrical Engineering, Architecture.



Work description:

Implement improvements on the existing hydro-sanitary system of the North, West, South and East offices towers, to incorporate sustainable initiatives that allow the reuse of rainwater for the use of toilets and urinals in the restrooms

Scope of work:

Relocation of the existing piping raisers of the potable water system (AP) and new arrangements of the AP pipes in the restroom. Designs of the rainwater collection system (A.LL.) at the level of the large terrace. Design of the storage, filtering, pumping and distribution system of the rainwater, as well as the design of the start-up and control system of the rainwater pumping station. Design of the control system for automated handle of rainwater and

potable water under a spilling contingency.

