



will go 2 meters deep in dry sand on the beach, but as the trench gets to the waterline, the sand will be saturated with water and will lose cohesiveness. The excavator may work in 0.5 m of water (subject to wave height) and do burial attempts as far out as bucket can reach from this position after which cable is fully exposed on seabed all the way out. At 5 meters from the mean high tide, the cable will be buried at approximately one meter deep on the seabed. At 10 meters the cable should be starting to get exposed.

As we mentioned on our previous letter, there is one marine cable proposed at each site, however four holes or ducts are part of the precast concrete duct in case there is a need for other cables in the future.

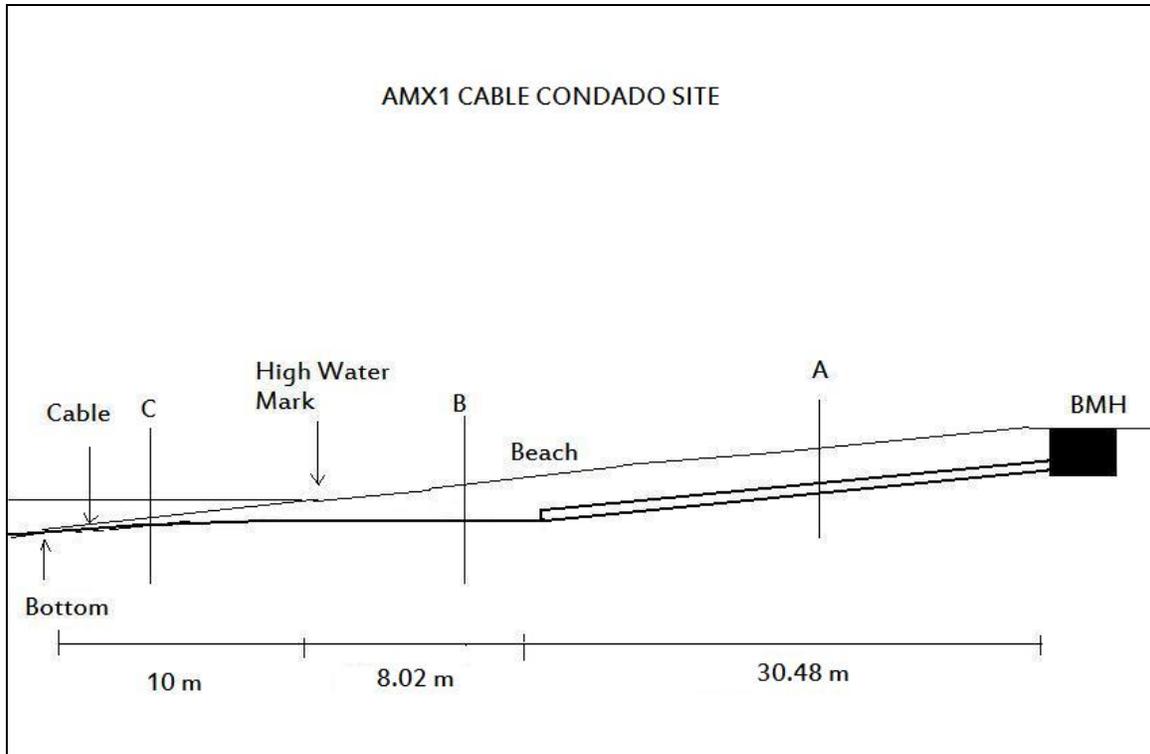
Do to the changes in design at the shoreline, we respectfully request the US Army Corps of Engineers to consider the amendment of Blocks 20 to 23 of the Application for the Department of the Army Permit, in order to correct the administrative process for the project of reference. The change promotes an administrative process under Section 404 of the Clean Water Act as well as under Section 10 of the Rivers and Harbor Act. The estimate of sandy material to be dredged in the first 10 meters from the mean high tide into the water is approximately 40 m<sup>3</sup>. This sandy material will be deposited for few hours in the dry beach area close to the shoreline, to be re-deposited or placed back to bury the cable from the mean high tide line along 10meters into the shallow waters (see diagram indicating temporary area for dredged sand and also for the trench sand).

We respectfully request that you allow the changes and consider the application complete. Thank you for your attention on this matter. If you have any questions, please contact me.

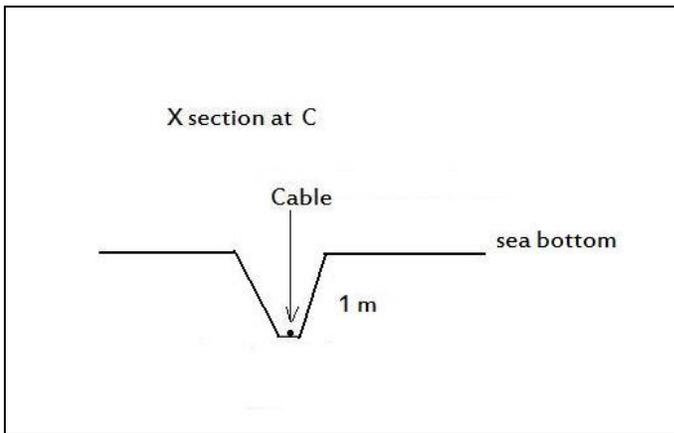
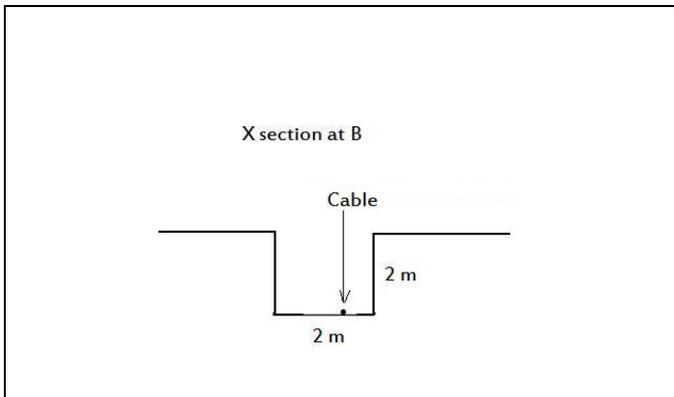
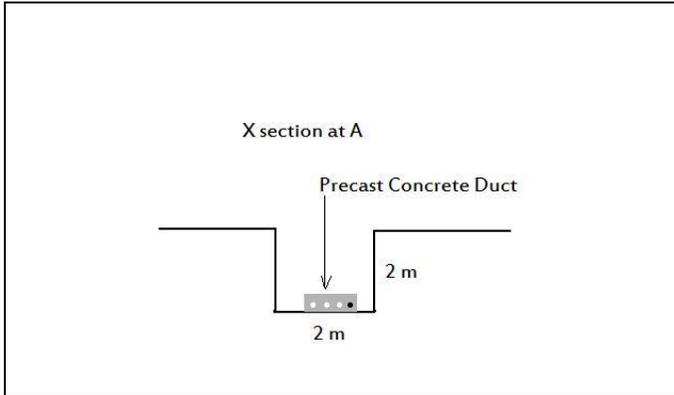
Sincerely,  
SS/Gerardo González-Román

cc Mr. Francisco Silva, Puerto Rico Telephone  
cc Mr. Jamie Merrett, Alcatel-Lucent Submarine Networks  
cc Ms. Sophie Wright, Environmental Resources Management  
cc Ms. Rose Ortiz, PRPB – Federal Consistency  
cc Ing. Gustavo León, EQB – Water Quality Certification  
cc. Mr. José Luis Padilla, DNRE – Public Domain Division

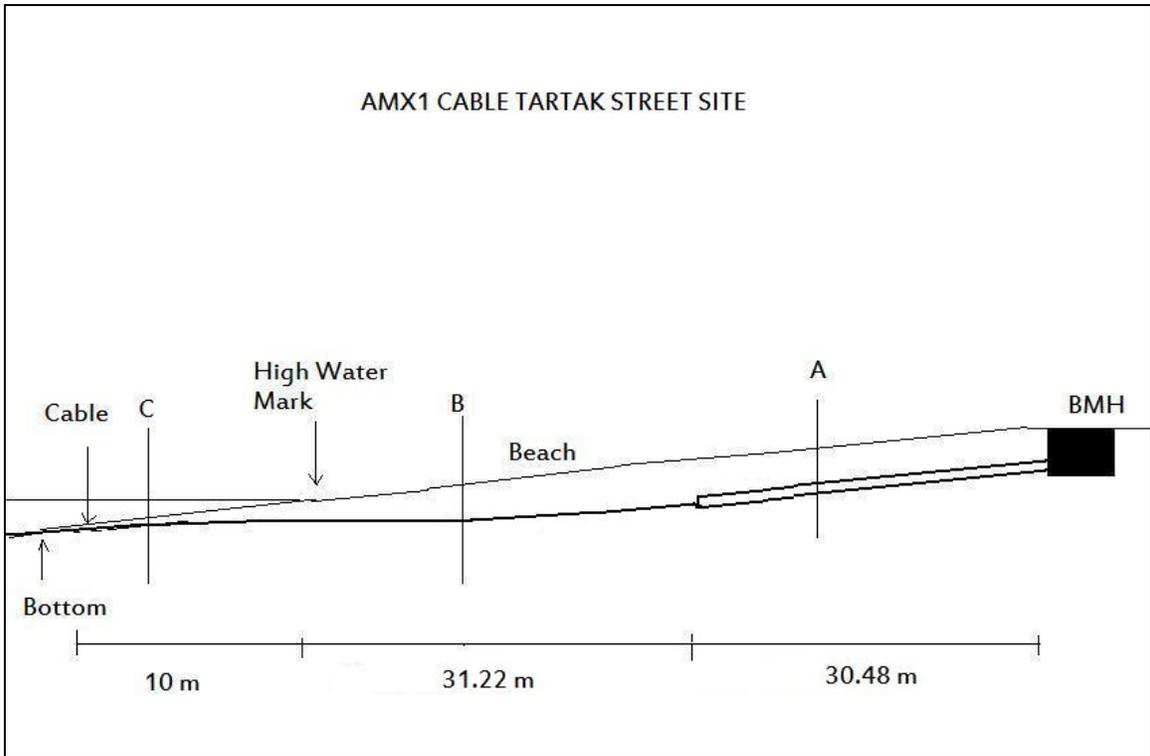
Figures:



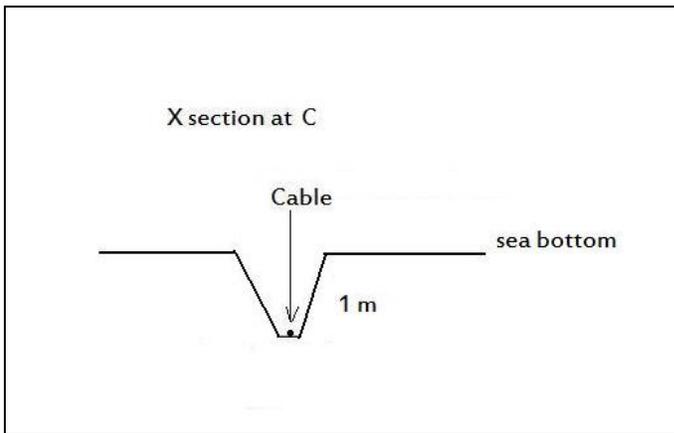
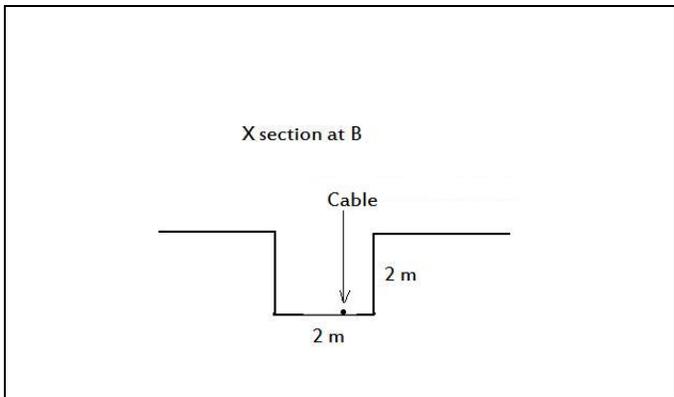
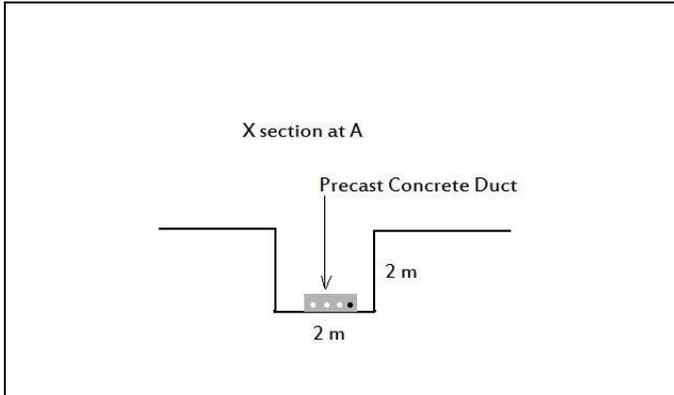
Modification of Figure 6a of previous letter showing shoreline submarine cable installation design at the Condado Site.



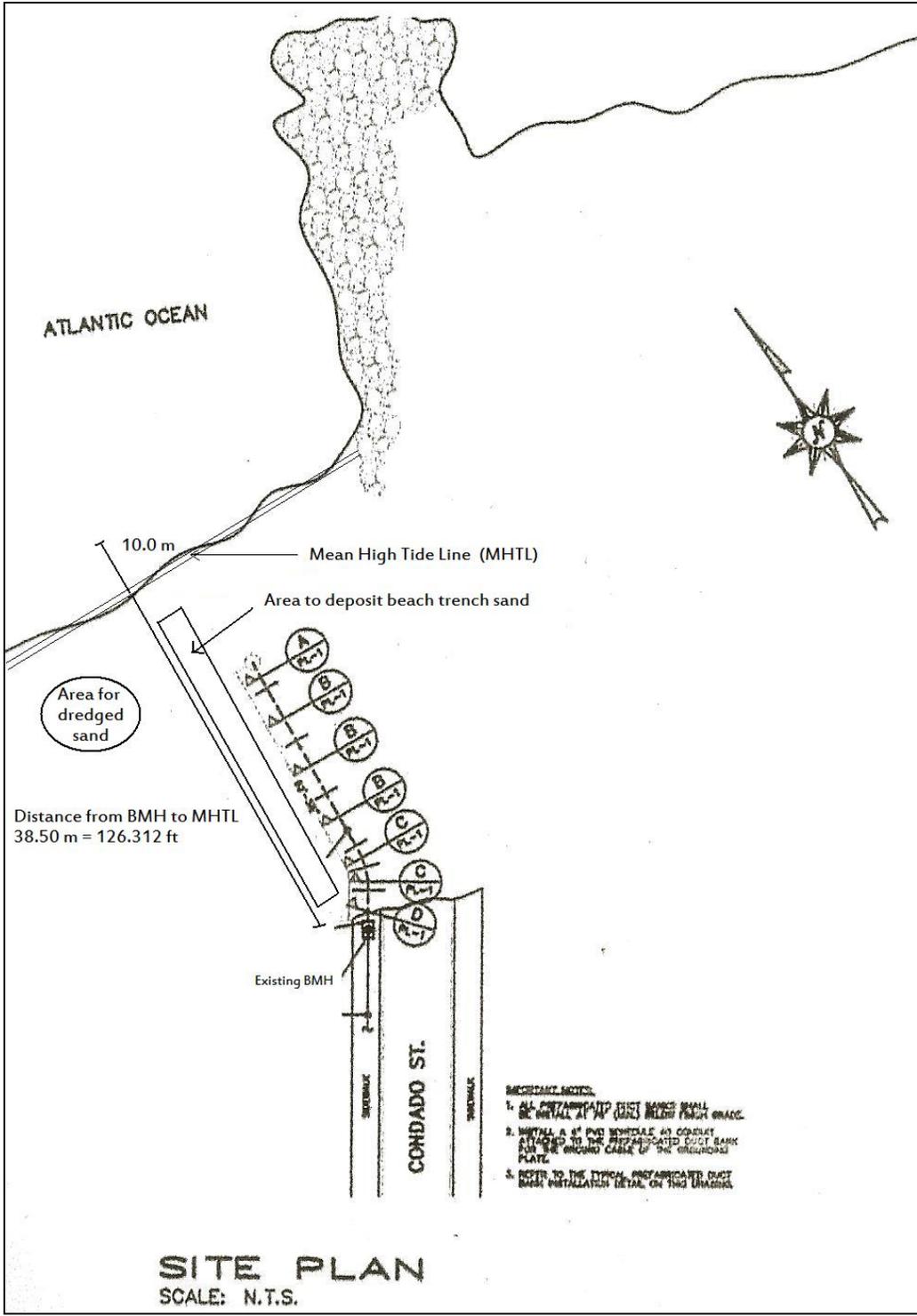
Diagrams showing cross sections at point A, point B and point C along the cable burial line at the Condado Site.



Modification of Figure 6b of previous letter showing shoreline submarine cable installation design at the Tartak Site.



Diagrams showing cross sections at point A, point B and point C along the cable burial line at the Tartak Site.



Top view site plan showing the area for deposit of the beach trench sand and the area for deposit the dredged sand from the shallow waters at the Condado Site.





Example of excavator working on water (illustrative)