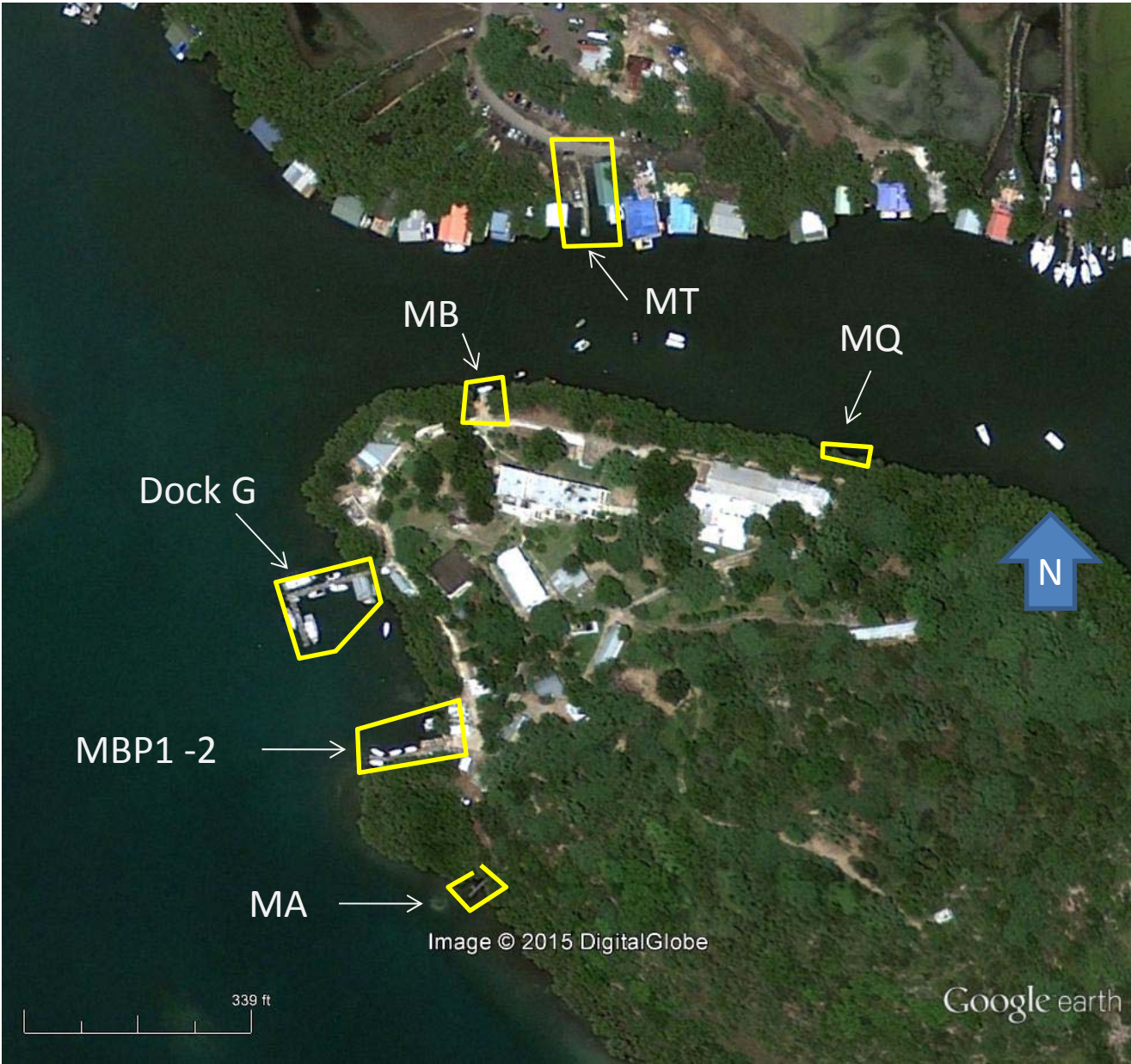


Permit Application Numbers

SAJ-1996-02987 (NW-DCM):	Restoration of main island dock and causeway (MT)
SAJ-2015-02256 (NW-DCM):	Restoration of Magueyes Island main entrance concrete dock (MB)
SAJ-2015-02257 (NW-DCM):	Restoration of wooden dock at the northern coast of Magueyes Island (MQ)
SAJ-2015-02258 (NW-DCM):	Restoration of L-shape wooden dock and associated dive shack (Dock G)
SAJ-2015-02260 (NW-DCM):	Restoration of wooden dock at the western coast of Magueyes Island (MBP-1)
SAJ-2015-02265 (NW-DCM):	Restoration of small wooden dock at the western coast of Magueyes Island (MBP-2)
SAJ-2015-02266 (NW-DCM):	Restoration of Wooden dock at the southwestern coast of Magueyes Island (MA)

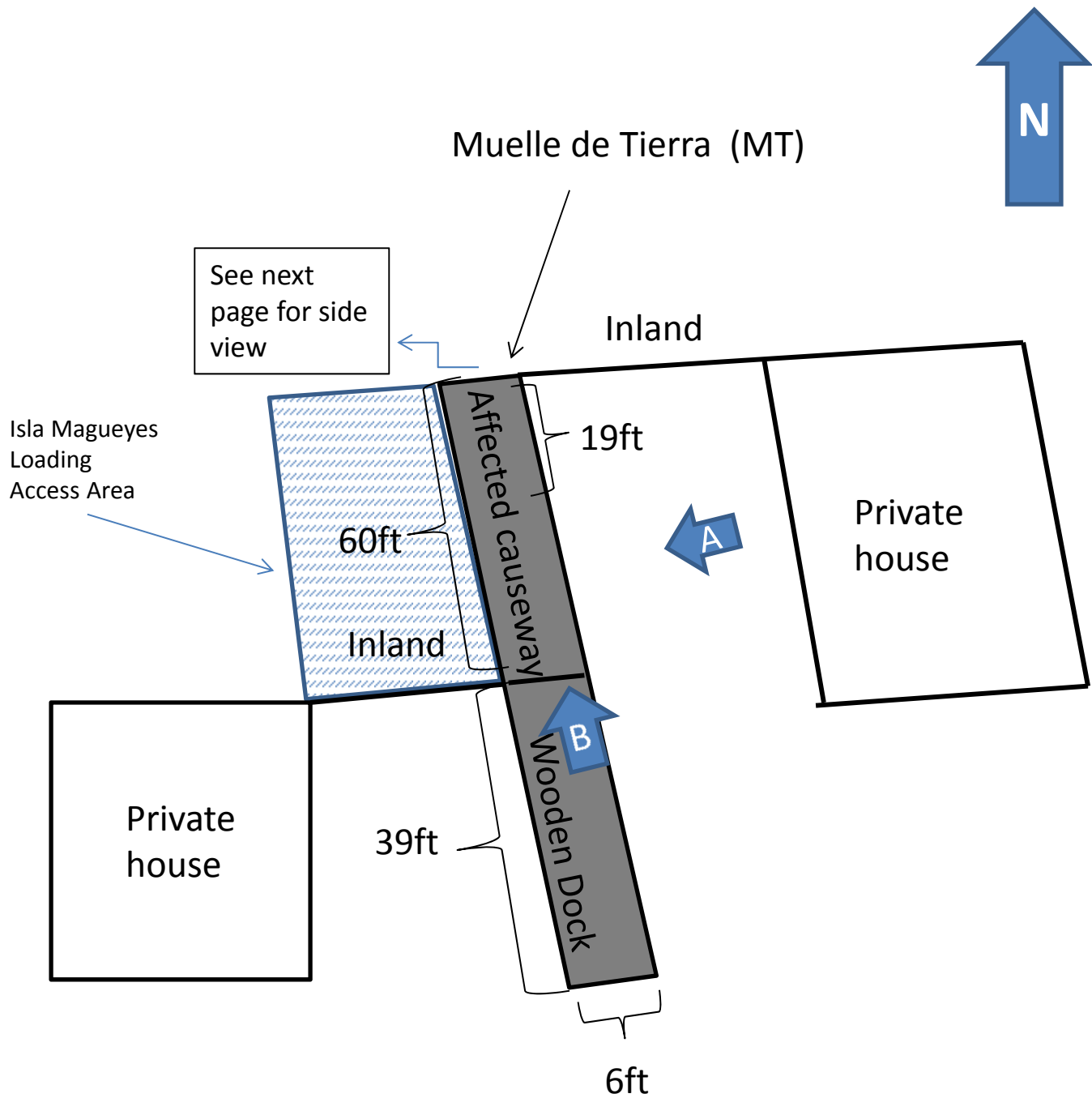
Modified Croquis of Magueyes Island and Photos of Dock Facilities (UPRM)

Aerial View and Location of Different Docks



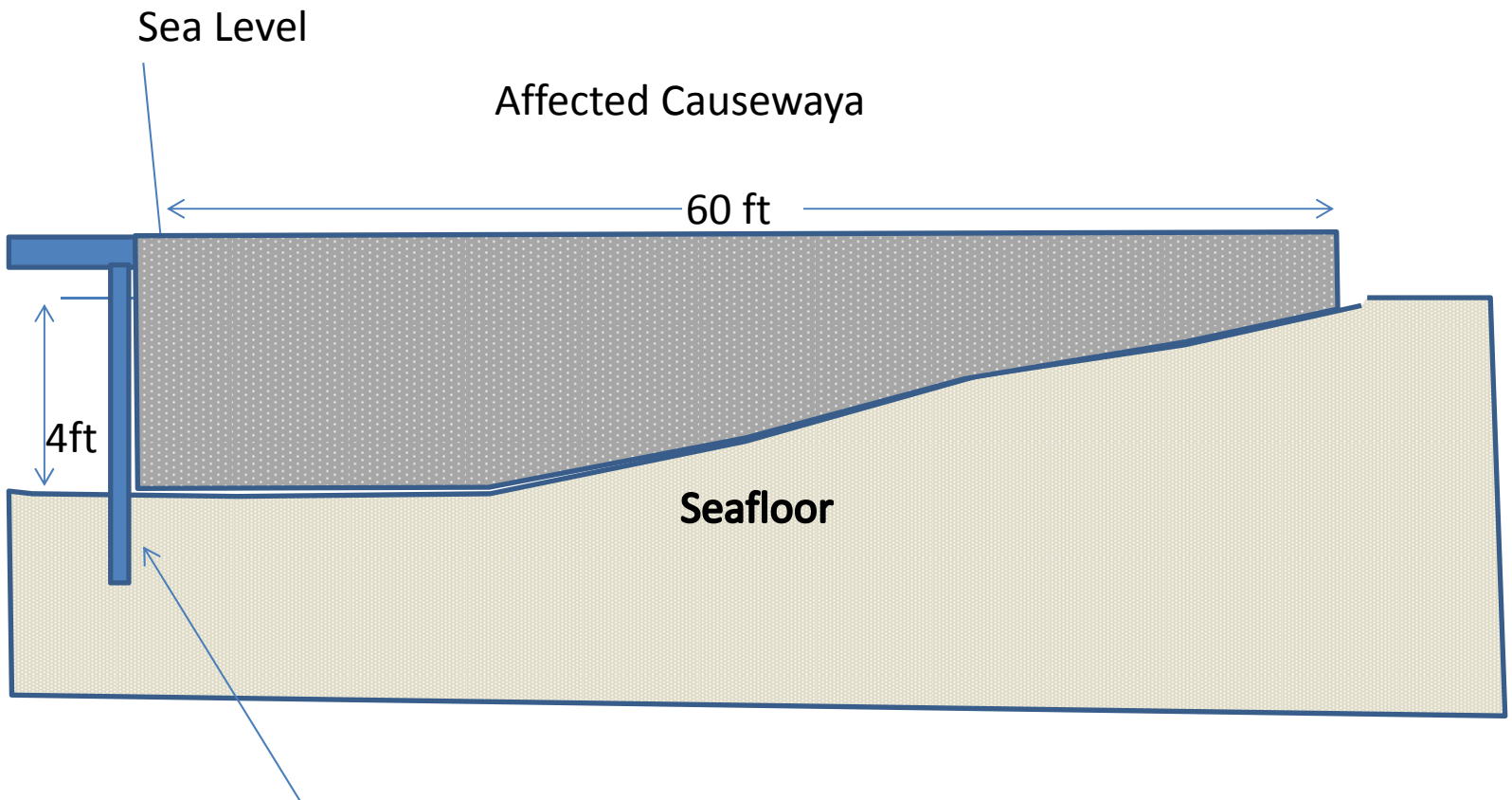
Areas of Structures

Dock	Description	Area (Ft ²)	Area (m ²)
MT	Affected causeway	360	33.4
MT	Wood Deck	234	21.7
MBP-1	Wood Deck	72	6.7
MBP-2	Wood Deck	737	68.5
Dock G	Wood Deck	1953	181.4
Dock G	Dive Shack	350	32.5
MQ	Wood Deck	804	74.7
MA	Wood Deck	192	17.8
MB	Concrete (Main Entrance)	18	1.7



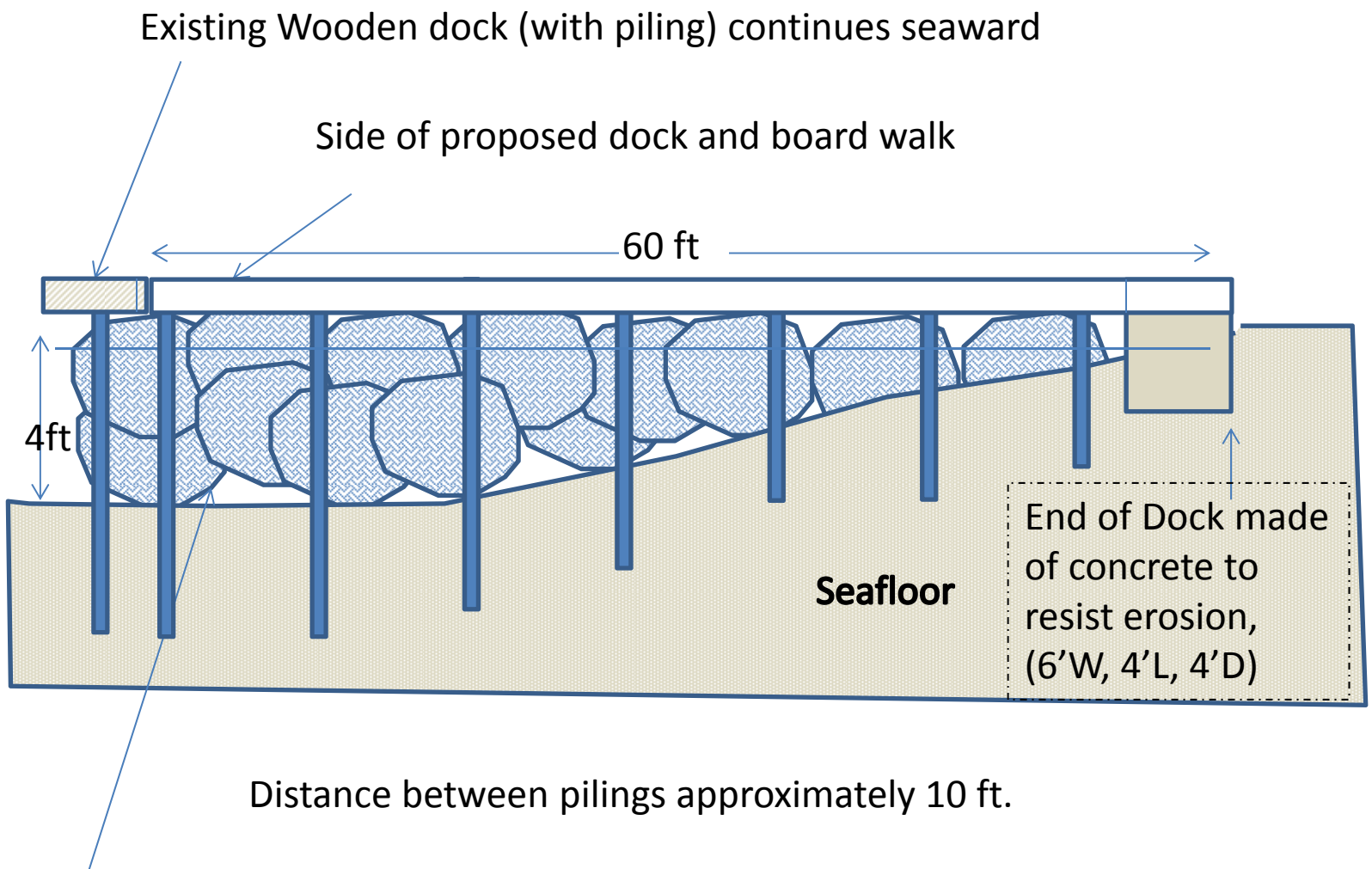
A and B Arrows indicate direction of side views in the following pages.

Side-view (A). Looking Westward into affected causeway at MT, present condition. The footing of the retaining wall was affected due to increased propeller wash and it had collapsed as indicated in the photos. Approximate locations in the wall are indicated.

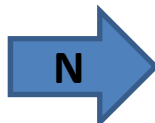


Existing piling and wooden dock section

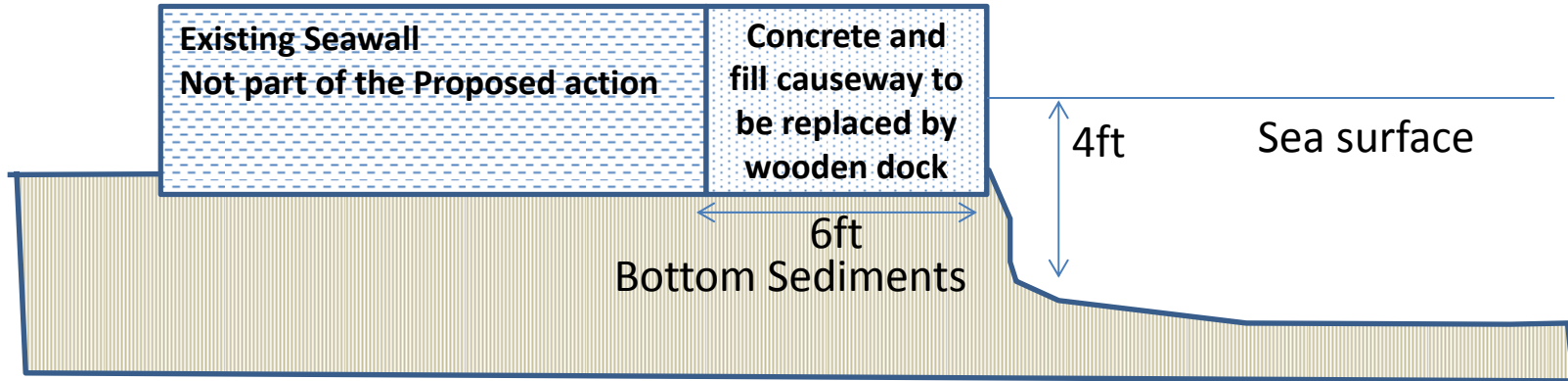
Side-view (A). Westward view of proposed dock replacing concrete causeway.
Proposed elimination of concrete causeway with wooden dock. Pilings will consist of 6inch PVC pipes, filled with concrete and reinforced with rebar. Wood will be attached to these using bolts and screws.



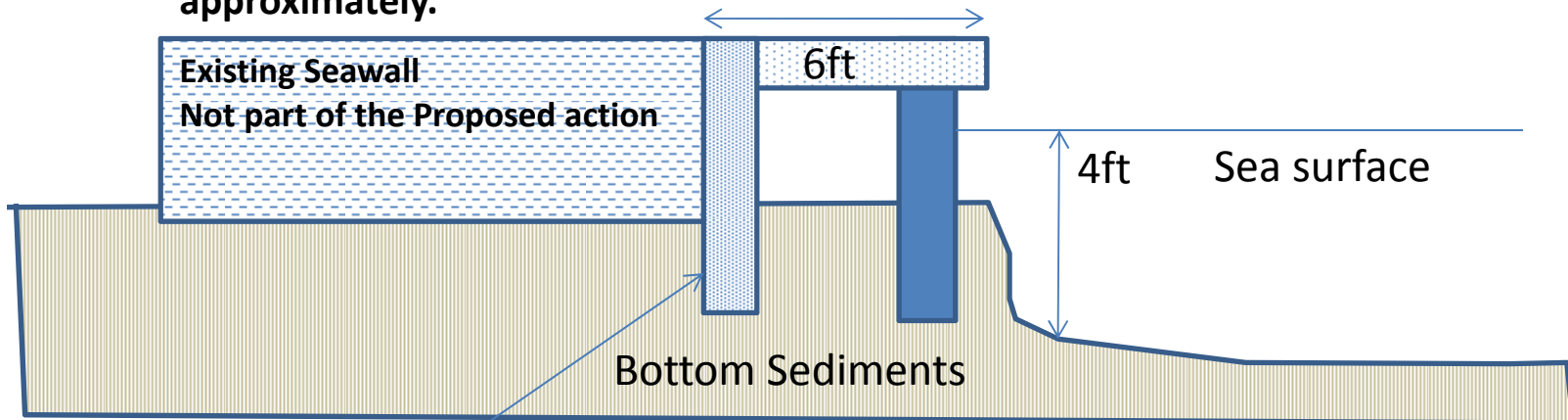
Boulders will be positioned under the dock to protect concrete wall towards land (opposite to the view shown).



Side view B. Present day conditions, Northward view of Concrete Causeway. Depth varies from 0-4ft, approximately)



Side view B, Looking Northward. Proposed changes. The boardwalk will be supported by a supporting wall that will be constructed from land and before removing the deteriorated causeway. Depth varies from 0-4ft, approximately.



Proposed stabilizing concrete wall (1ft wide)

SAJ-1996-02987 (NW-DCM): Restoration of main island dock and causeway (MT)



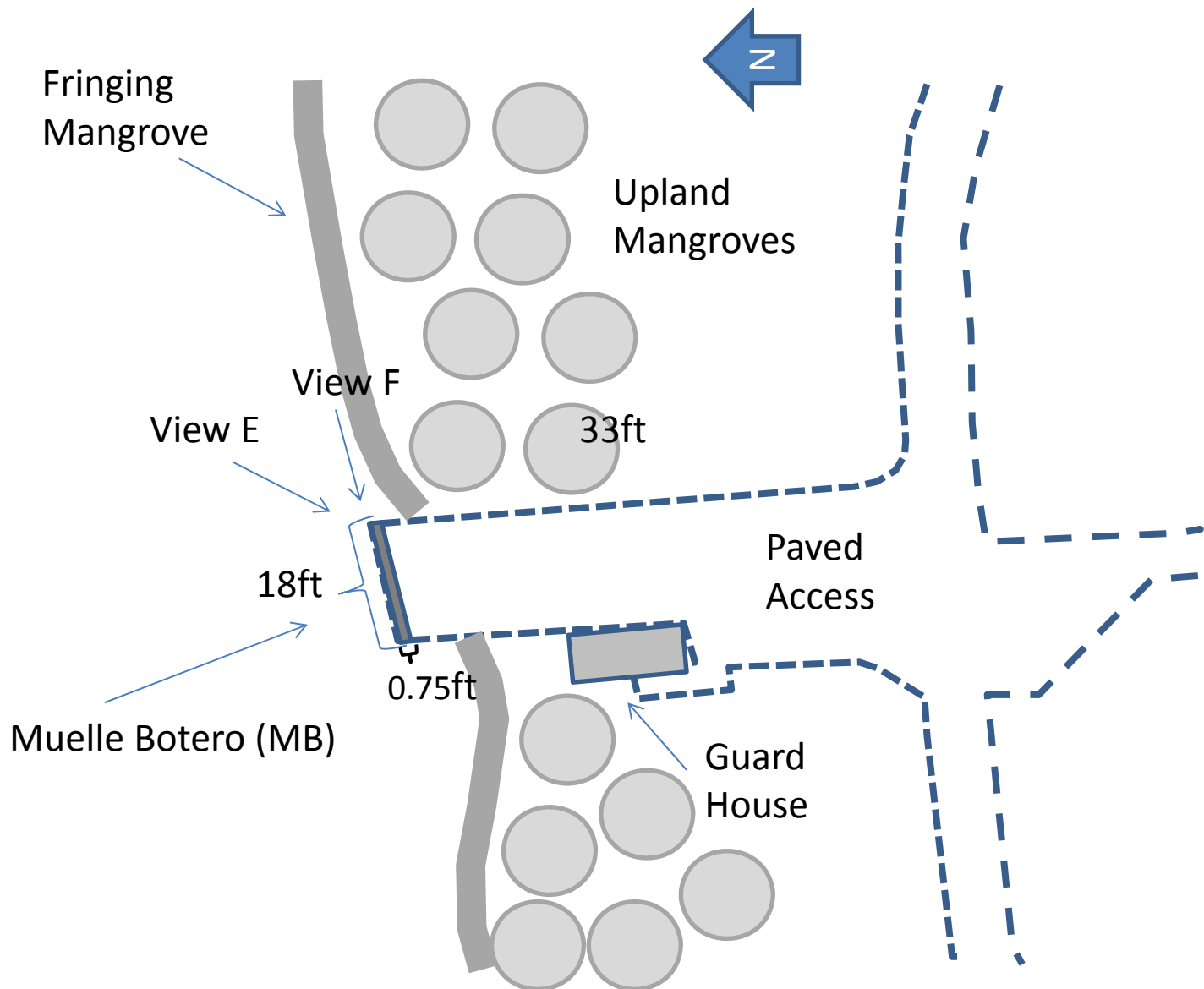
The area delineated in red shows eroded causeway area associated with dock MT proposed to be substituted by a wooden dock. A retainer wall will be constructed under the orange line.

SAJ-1996-02987 (NW-DCM): Restoration of main island dock and causeway (MT)



The area delineated in red shows the top of the causeway area associated with dock MT proposed to be substituted by a wooden dock. A retainer wall will be constructed under the orange line.

Main Entrance to Magueyes Island (MB)



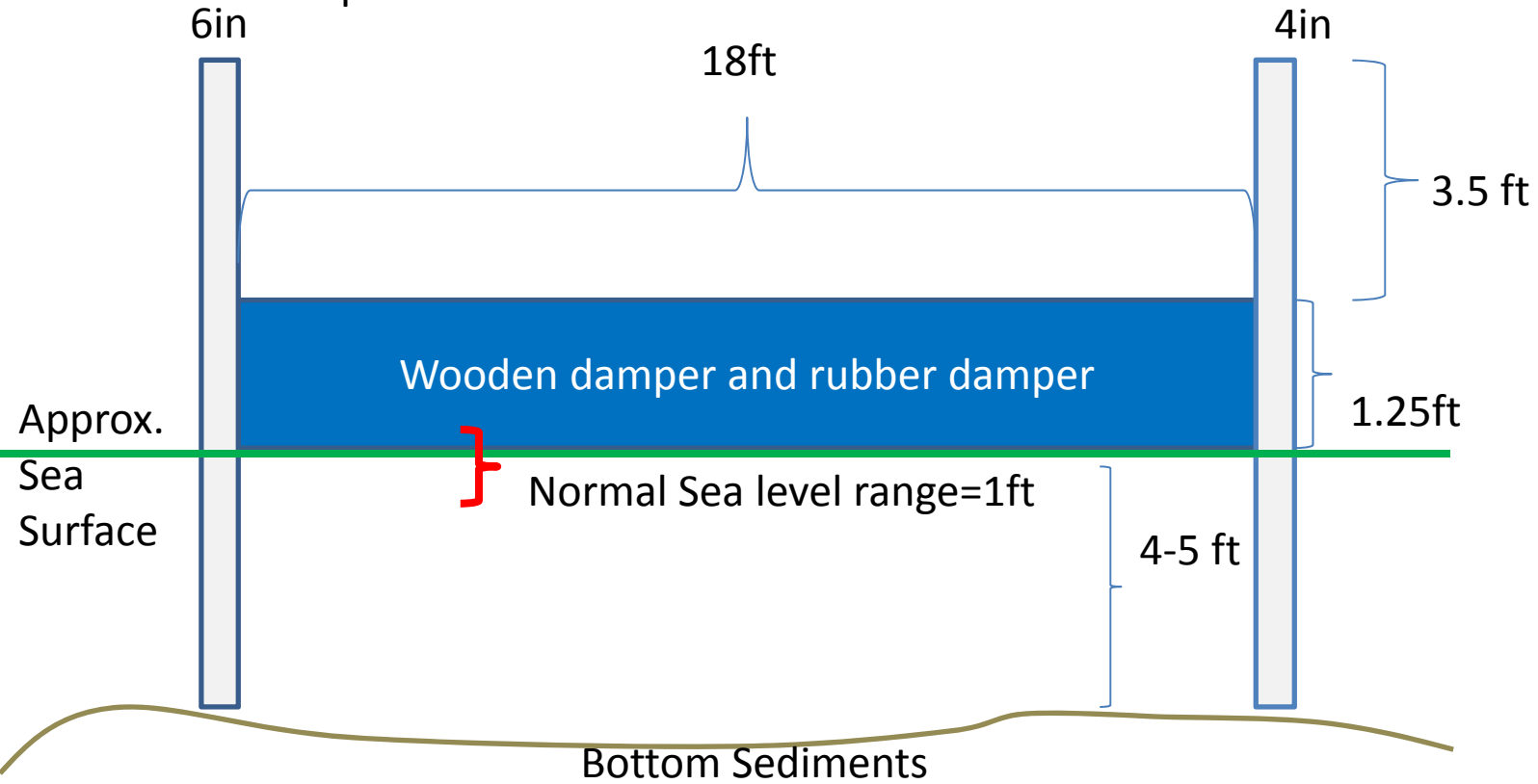
View E; MB



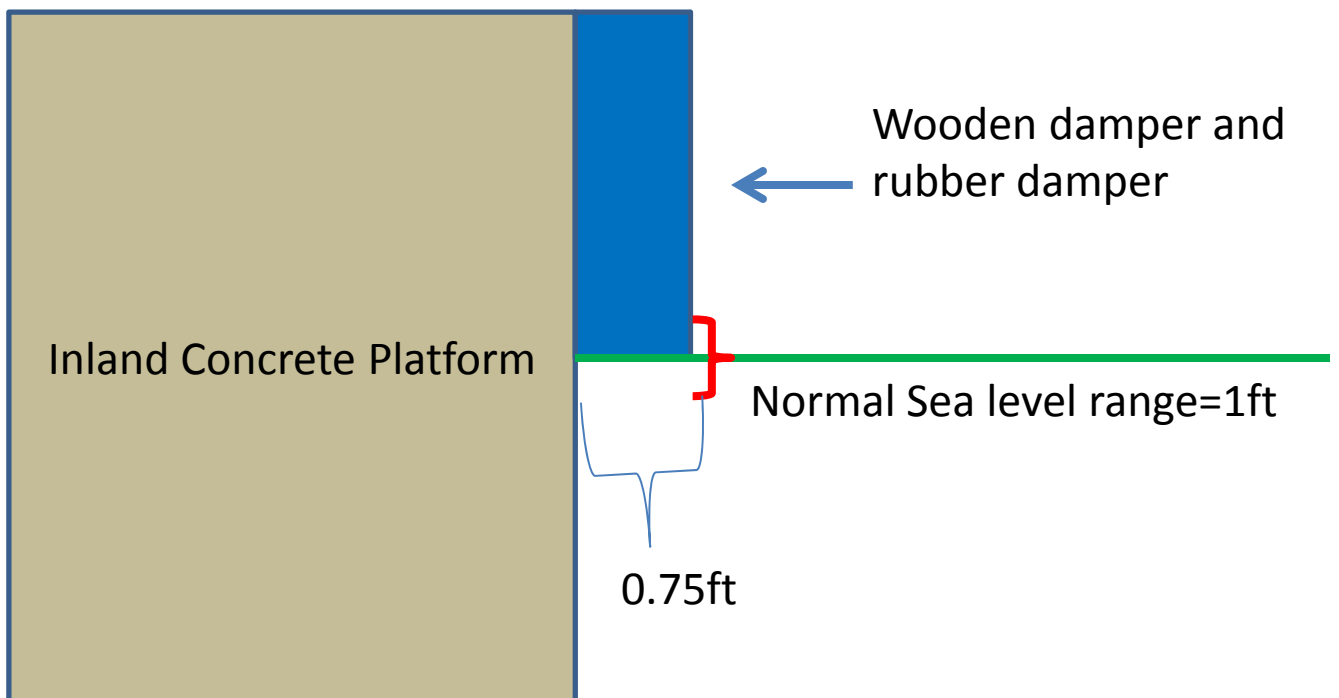
View F; MB. Lateral Photograph showing the top of the wooden damper that is proposed to be replaced. No in-water work is going to be needed. And the same dimensions will be used. The red arrow shows a 1ft ruler.



Southerly (front) View of Muelle Botero (MB). Wooden damper is shown in blue.

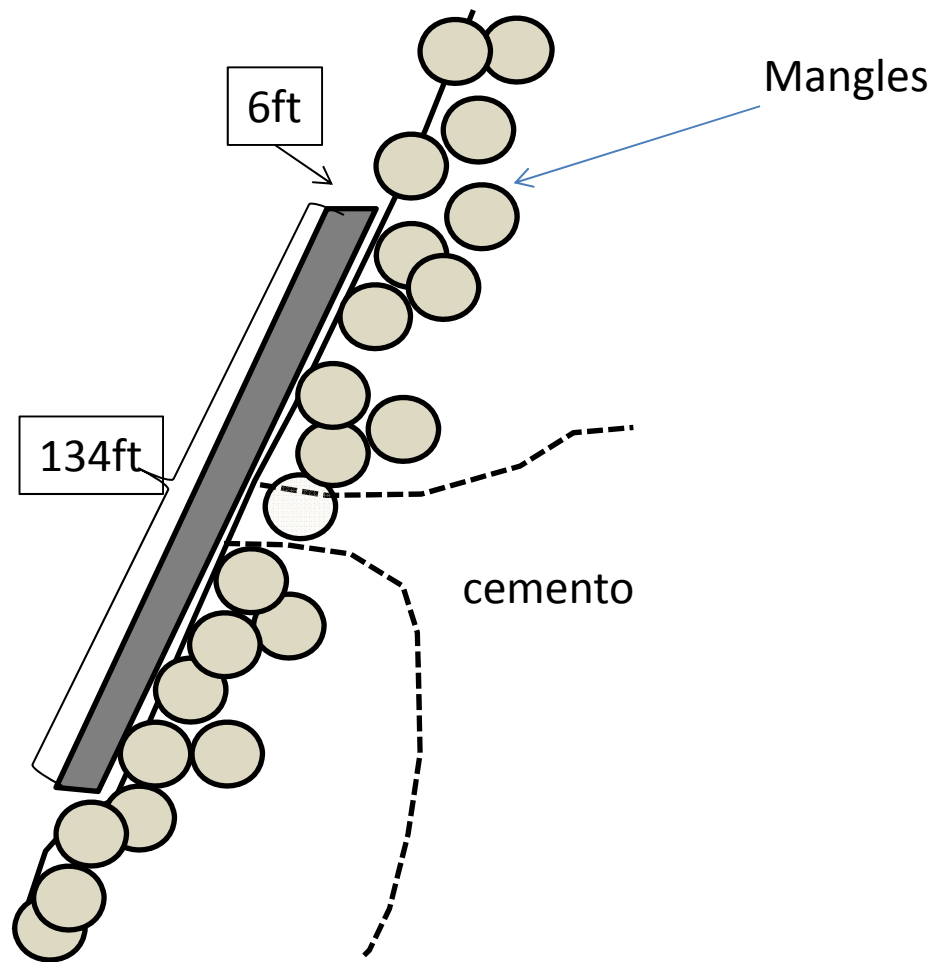


Westerly (side) view of Muelle Botero (MB). Wooden damper shown in blue

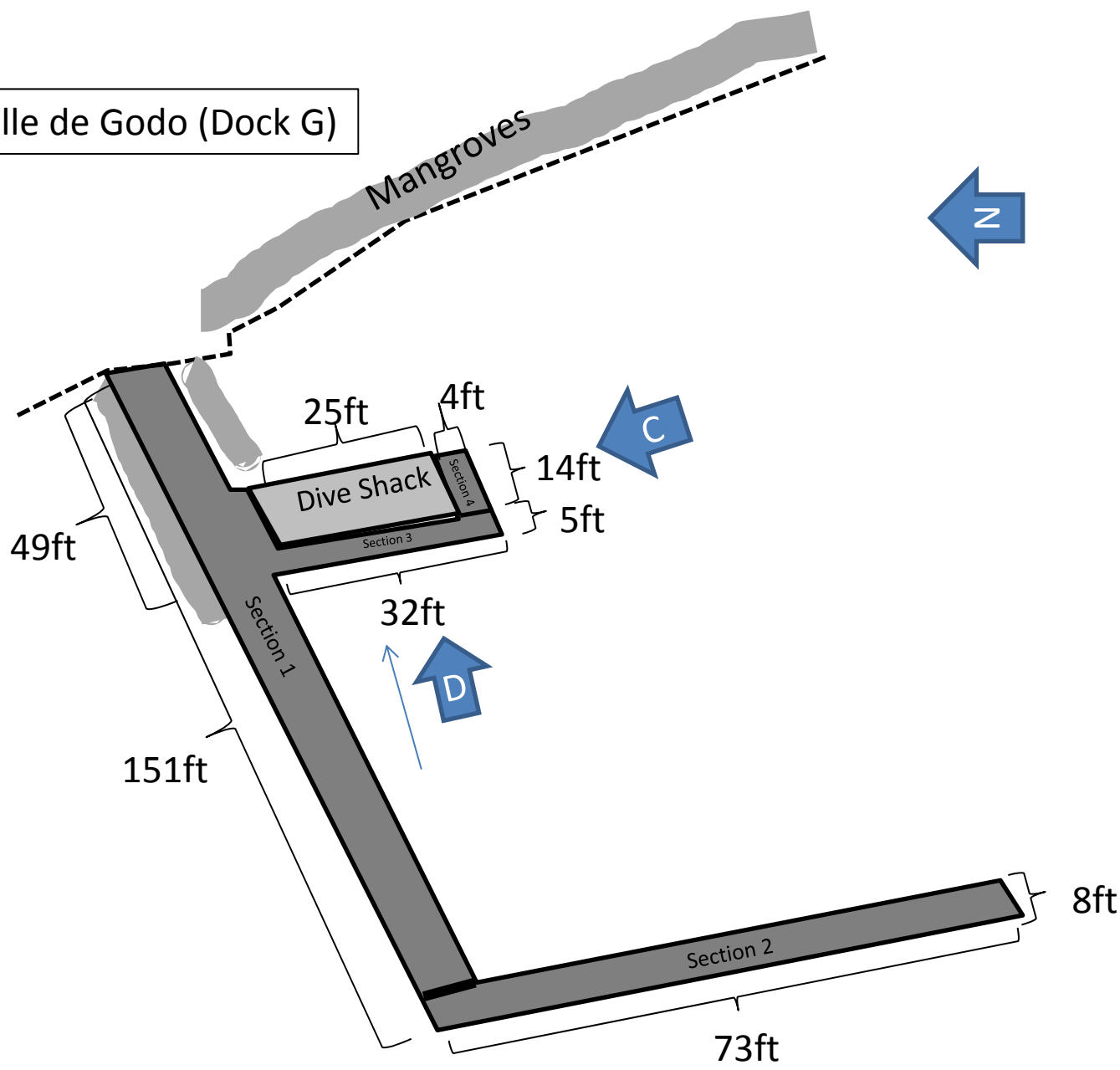




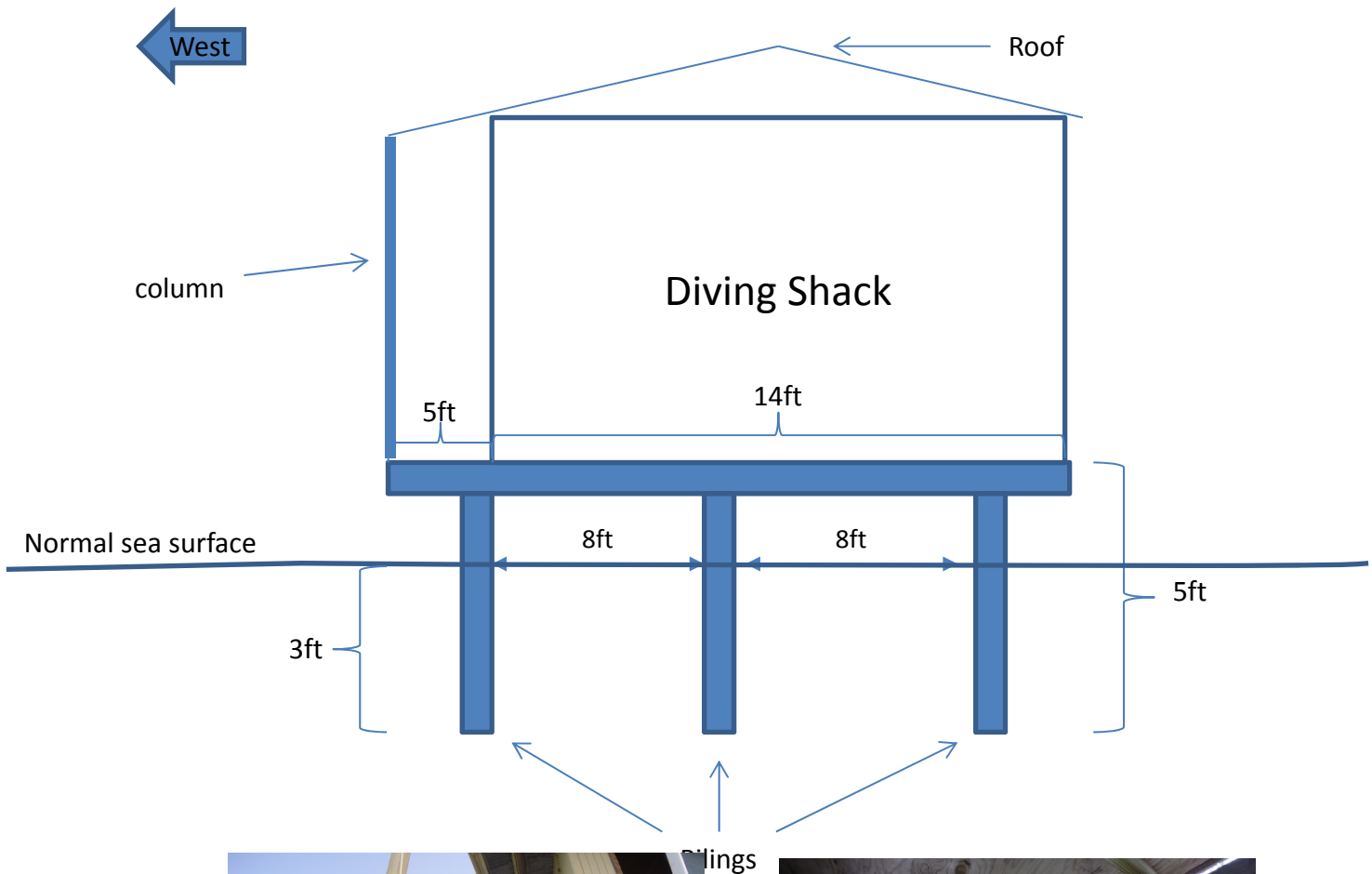
Muelle de Química (MQ)



Muelle de Godo (Dock G)



Side view C. North is into the page. Three pilings represent each 4 pilings oriented into the page.

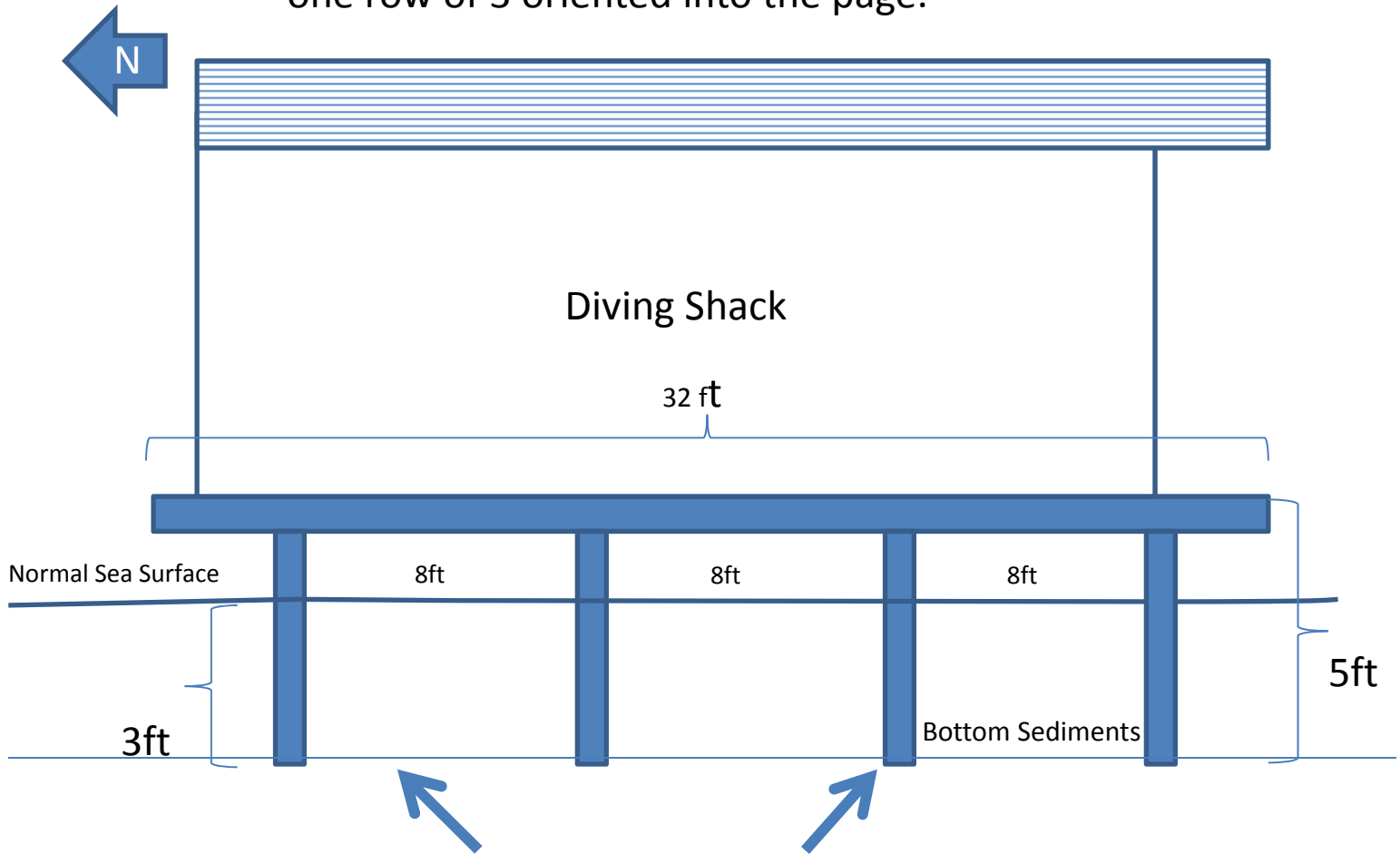


Northward View
Showing deteriorated
condition of cement
piling



Northeastward View,
under the diveshack
Showing the deteriorated
condition of cement
pilings

Side view D. Four pilings represent each one row of 3 oriented into the page.

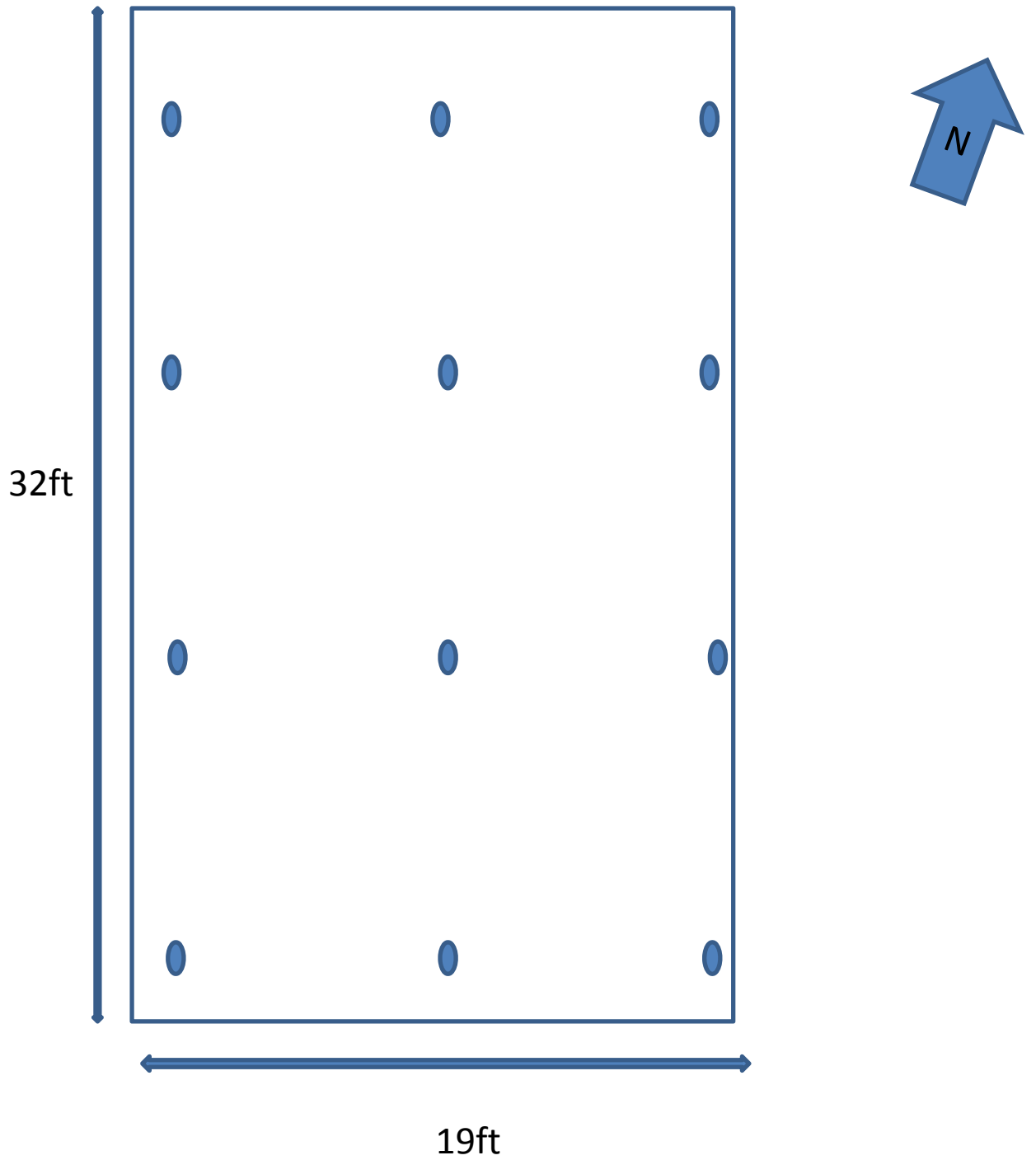


Diagonal View to the Northeast Showing the deteriorated condition of cement pilings

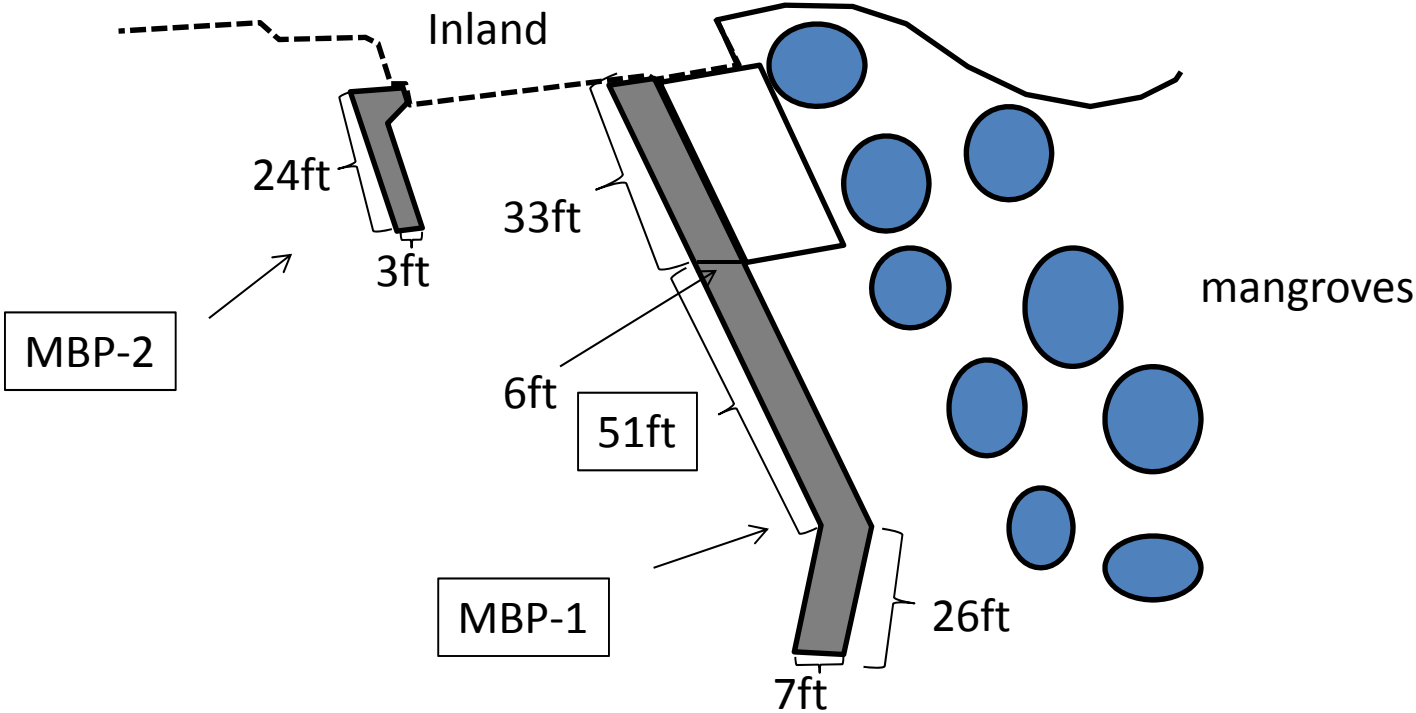


Diagonal View to the Southeast Showing the deteriorated condition of cement pilings

Top View Diving Shack at Dock G. The approximate locations of Pilings are shown



Muelles Botes Pequeños (MBP)



Muelle Almodovar (MA)

