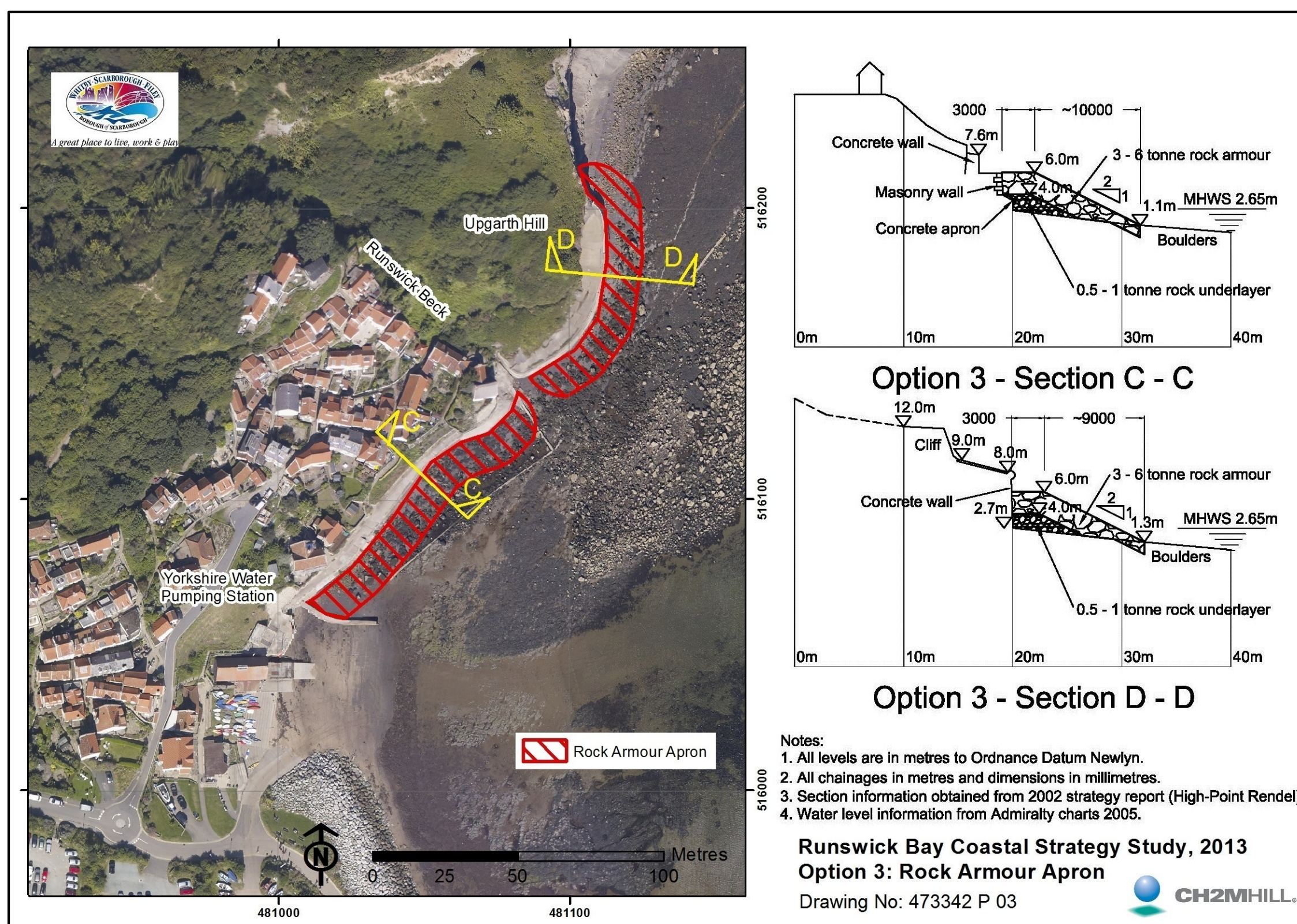


# RUNSWICK BAY COASTAL PROTECTION SCHEME

## Short Listed Option 3: Rock Armour Apron



## Short Listed Option 3: Rock Armour Apron



View north towards existing seawalls and beach from viewing area at slipway. Existing rock armour can be seen in the foreground. North of the existing breakwater there is a wide shale rock platform with rock pools. Cliff scree is spread across the rock area and boulders are a lighter colour than the shale rock, although they appear darker where encrusted with seaweed.

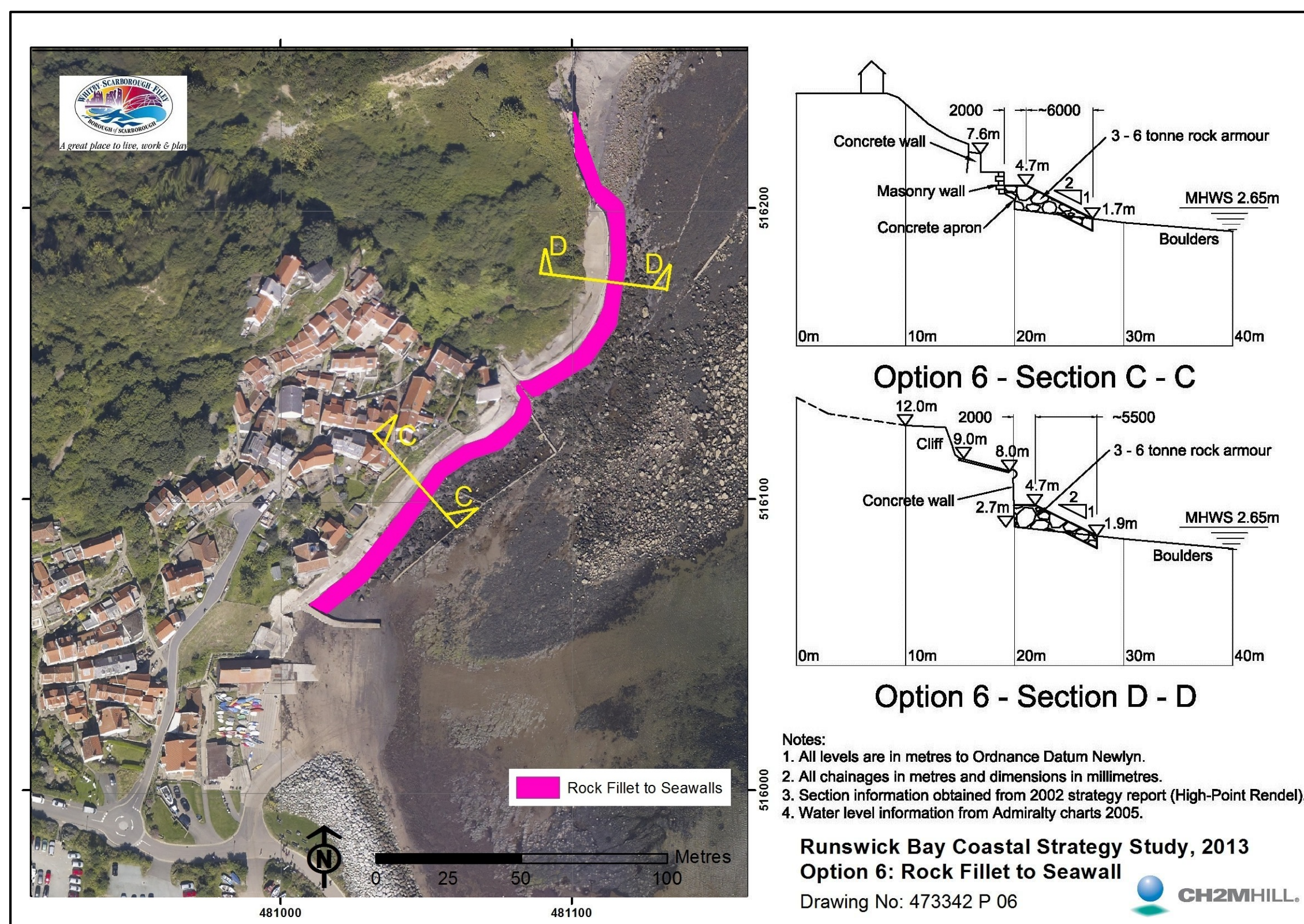


Option 3 Photomontage: Proposed rock armour would cover the lower masonry sea wall and approximately 12-13m of beach. Promenade would be retained or reinstated and two access routes provided across the rock armour to restore access to the beach (to be developed at detailed design). A large proportion of the rock platform would be retained and would be visible at low tide.



# RUNSWICK BAY COASTAL PROTECTION SCHEME

## Preferred Option 6: Rock Fillet to Sea Wall



## Preferred Option 6: Rock Fillet to Sea Wall



View north towards existing seawalls and beach from viewing area at slipway. Existing rock armour can be seen in the foreground.

North of the existing breakwater there is a wide shale rock platform with rock pools. Cliff scree is spread across the rock area and boulders are a lighter colour than the shale rock, although they appear darker where encrusted with seaweed.

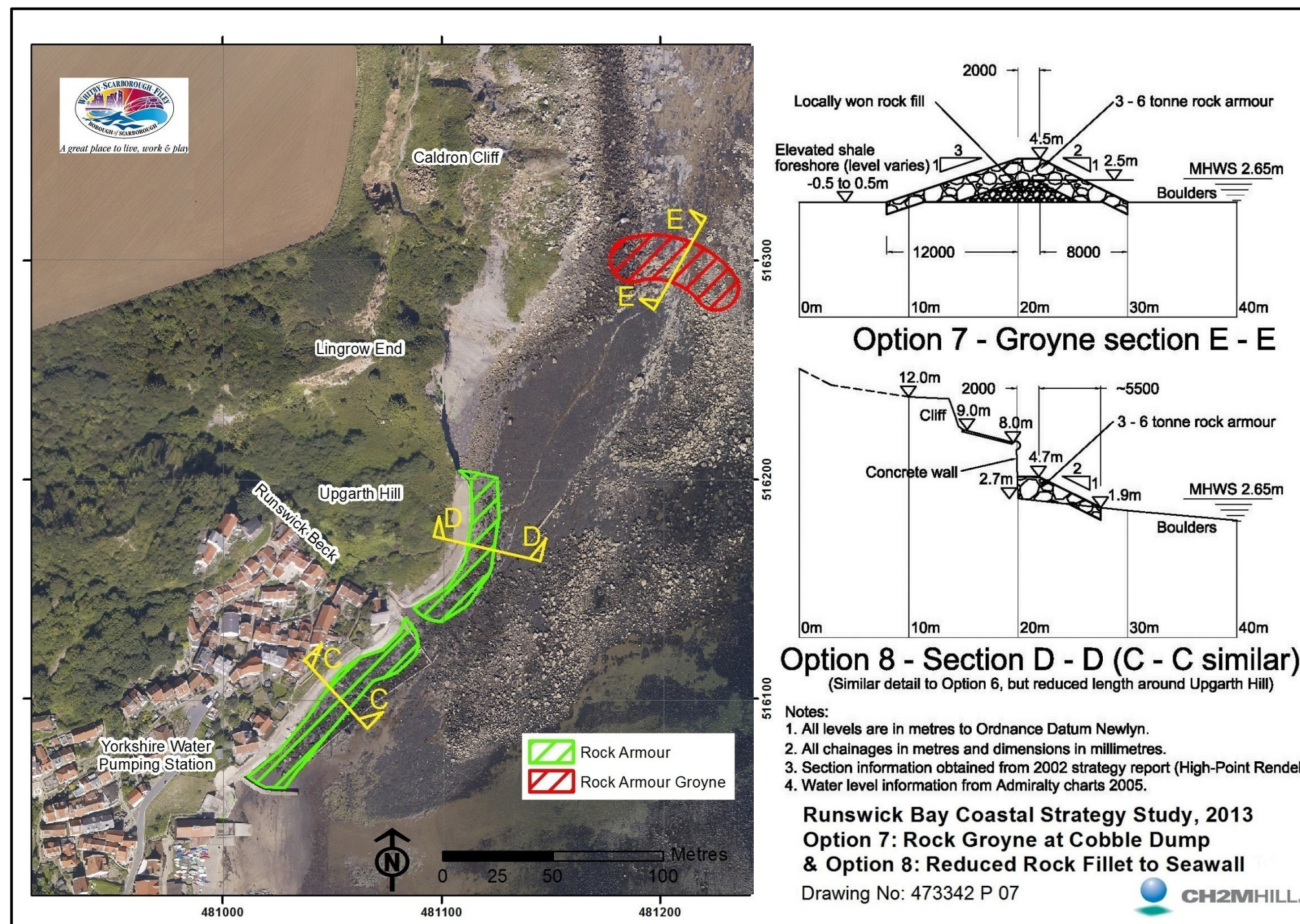


Option 6 Photomontage: Proposed rock fillet would partially cover the lower masonry sea wall and approximately 7m of beach. Promenade would be retained and two access routes provided across the rock fillet to restore access to the beach (to be developed at detailed design). A larger proportion of the rock platform would be retained in comparison to Option 3 and would be visible at low tide.



# RUNSWICK BAY COASTAL PROTECTION SCHEME

## Short Listed Options 7 & 8: Reduced Rock Fillet to Sea Wall and Rock Groyne at Cobble Dump



## Short Listed Options 7 & 8: Reduced Rock Fillet to Sea Wall and Rock Groyne at Cobble Dump



View north towards existing seawalls and beach from viewing area at slipway. Existing rock armour can be seen in the foreground. North of the existing breakwater there is a wide shale rock platform with rock pools. Cliff scree is spread across the rock area and boulders are a lighter colour than the shale rock, although they appear darker where encrusted with seaweed.

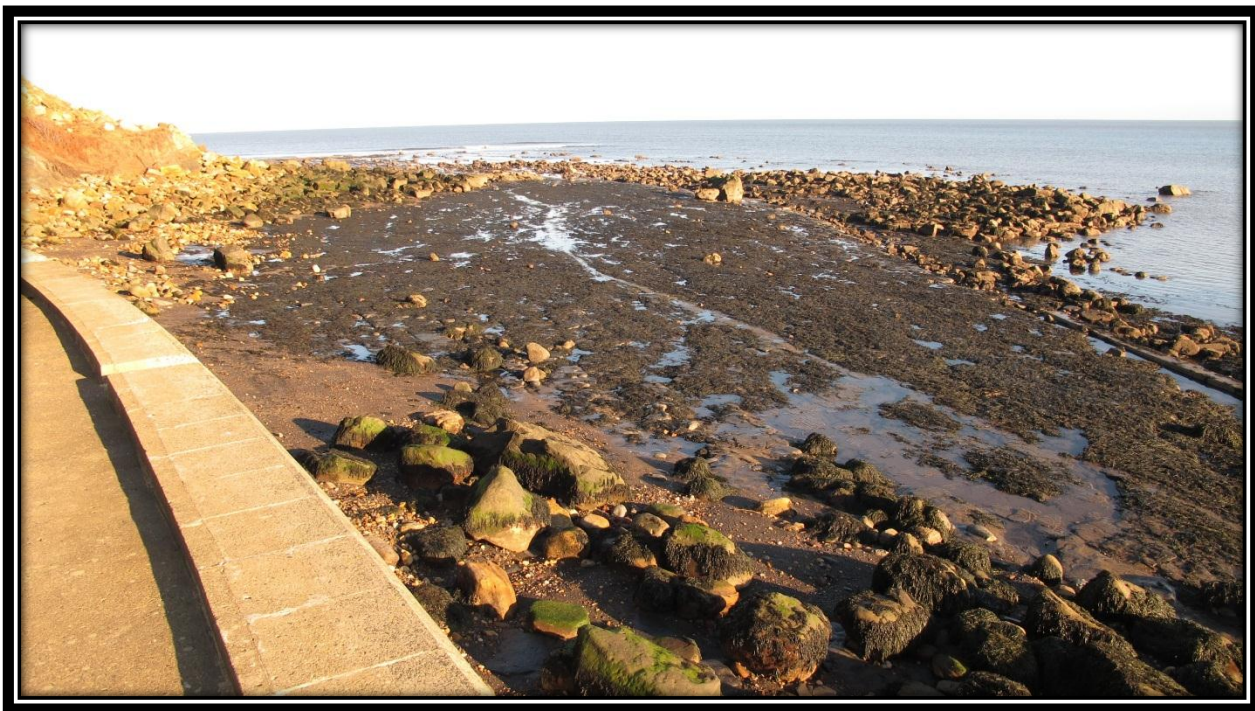


Options 7&8 Photomontage: Proposed rock fillet would partially cover the lower masonry sea wall and approximately 7-8m of beach. Promenade would be retained and two access routes provided across the rock fillet to restore access to the beach (to be developed at detailed design). A larger portion of the rock platform would be retained in comparison to Option 3 and would be visible at low tide. A rock groyne would be visible protruding out from the headland.



# RUNSWICK BAY COASTAL PROTECTION SCHEME

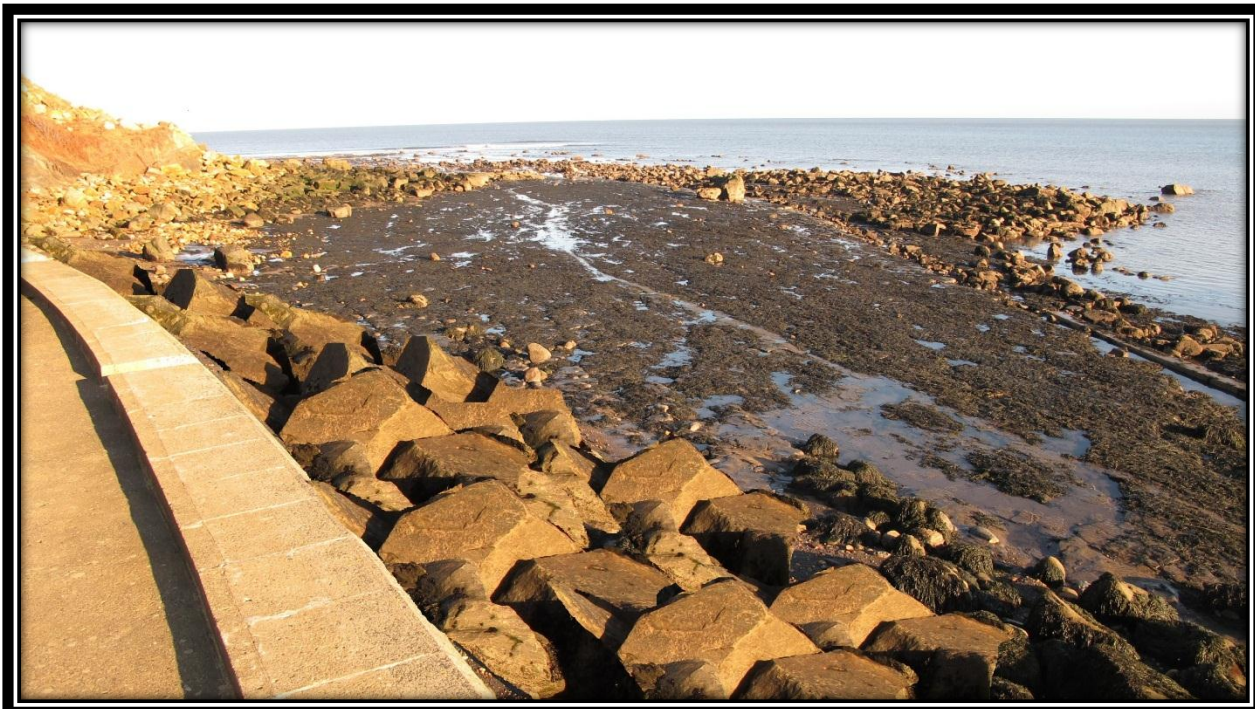
## Options' Illustrations from Sea Wall towards Cobble Dump



Existing View - December 2013



Option 3 Rock Armour Apron



Option 6 Rock Armour Fillet (Preferred)



Options 7 & 8 Rock Fillet with Rock Groyne

## Options' Illustrations at Northern Sea Wall



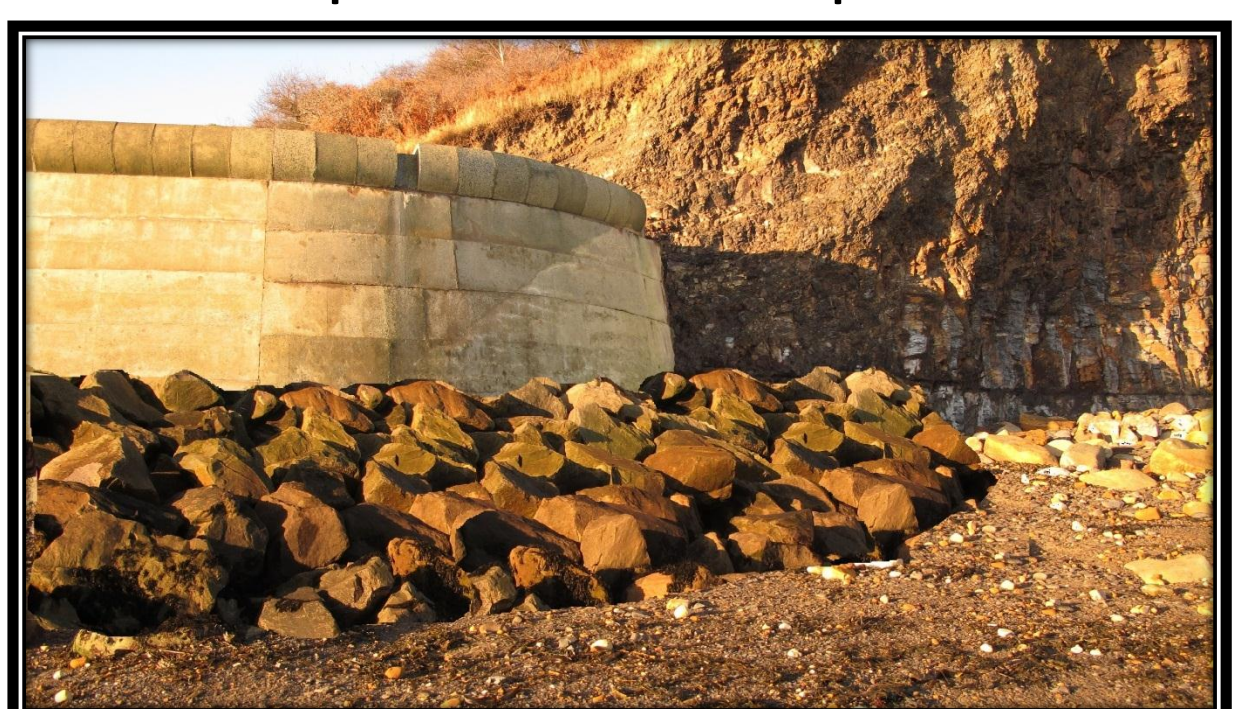
Existing View - December 2013



Option 3 Rock Armour Apron



Option 6 Rock Armour Fillet (Preferred)



Options 7 & 8 Rock Fillet with Rock Groyne



# RUNSWICK BAY COASTAL PROTECTION SCHEME

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## Preferred Option 6: Rock Fillet to Sea Wall – View from Sea



Existing View from Sea – November 2013



Preferred Option 6 Rock Armour Fillet