

TRULINE[®]

The Innovative Hybrid Sheet Piling System

Drawing 119

Internal Structural Top Cap

Typical Cap Detail:

Structural top cap formed inside Truline cell by removing 12" section of each web.

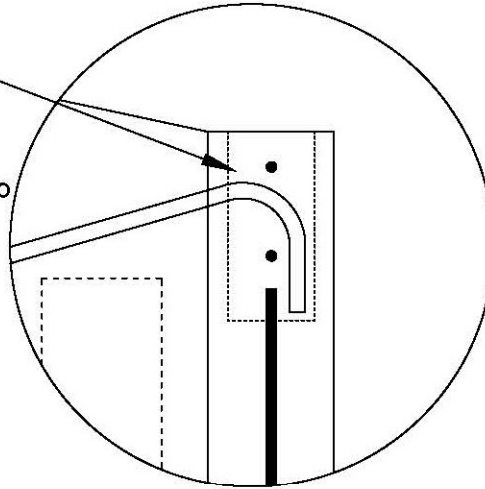
Use continuous horizontal steel rebar. (Number and size to be determined)

Cut slots or holes in back of sheets to allow anchors to pass through Truline side wall.

Anchors:

Deadmen or Helical. Spacing 10' C/C typical

Anchor installed per manufacturer's specifications.



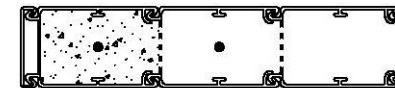
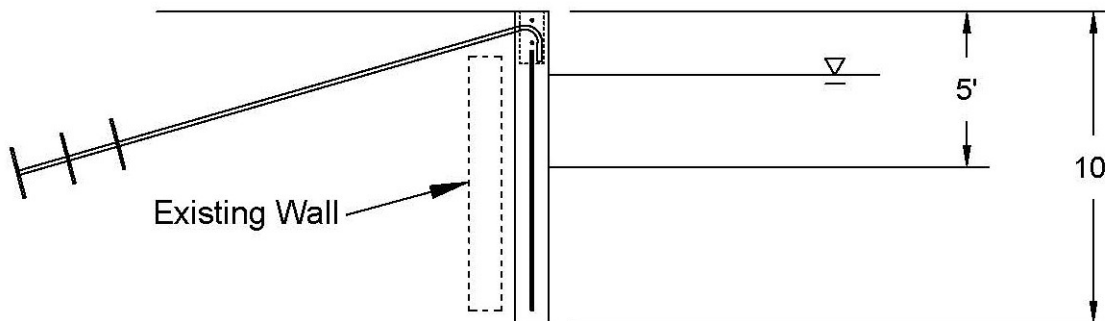
DESIGN CONCEPT INTERNAL TOP CAP

New wall placed waterward of existing wall.

New cap elevation is slightly above existing cap.

Structural top cap to be constructed inside of Truline forms. Anchors or Deadmen to be installed and embedded in top cap per manufacturer's and/or engineer's specifications. Top of wall to be finished with cosmetic trim treatment such as brick pavers, composite decking, etc.

THIS IS A CONCEPT ONLY AND NOT INTENDED TO BE USED AS A FINAL DESIGN.



Fill Truline cells with rebar and concrete and/or 57 stone as per engineer specifications.

This drawing is provided to show a typical concept for constructing a wall of this style. It is not intended to be used as a final design for any specific project. There are many geotechnical and structural properties that have to be considered in the design of a project. These factors vary depending on conditions that are potentially unique to each jobsite. As such, project specific designs must be performed by a qualified engineer familiar with the conditions on the actual site.