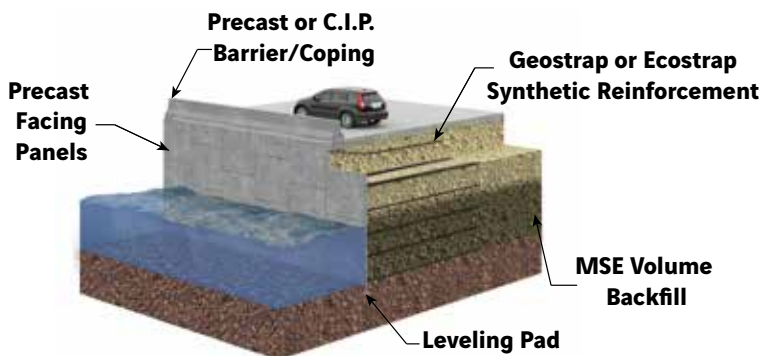


GeoMega™

MSE Wall System



REINFORCED EARTH®



Typical Section

GeoMega™ is a MSE retaining wall, coherent gravity structure. The primary components of a GeoMega wall consist of alternating layers of granular backfill, and high-tenacity synthetic soil reinforcements attached to a modular precast concrete facing. The GeoMega system is fully compatible with the entire range of concrete panels typically supplied by The Reinforced Earth Company.

The GeoMega system allows retaining structures to be constructed in chemically aggressive environments such as marine environments, corrosive backfilling materials, pollution risks, etc.

CONSTRUCTION SEQUENCE:

- Set and brace the initial course of facing panels
- Spread and compact backfill
- Place, anchor and tension GeoStraps
- Spread and compact backfill
- Repeat cycle of backfilling and compacting in lifts, placing GeoStraps, and setting panels until design height is reached



Two types of synthetic reinforcements are available:

- GeoStrap[®] strip (PET)
- Ecostrap[™] strip (PVA)

The synthetic reinforcement type is adapted according to the project specifications and are selected based on the environment and the desired service duration of the structure.

