

RIVO BINA SDN. BHD.

WE WALL FOR YOU

Platform / Earth Retention



Abutment / Slope Protection



Riverbank / Coastal Protection

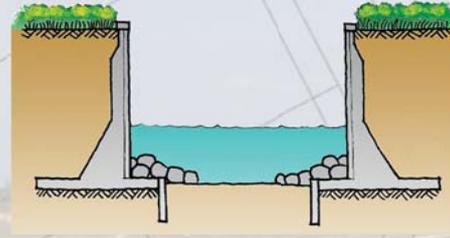
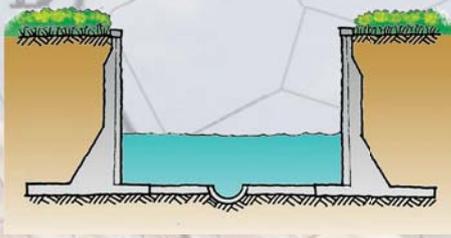
PRECAST RETAINING WALL

We provide design-and-build service for a complete range of proprietary retaining wall systems using precast construction techniques and **patented** precast products.

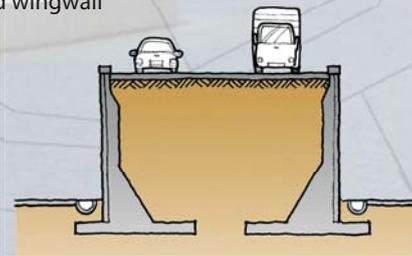
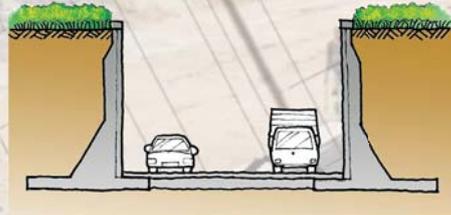
These systems are designed to cater specifically for applications in the following areas:



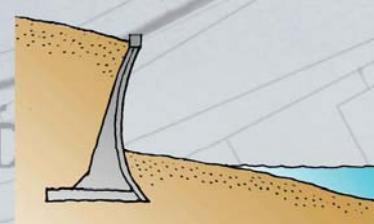
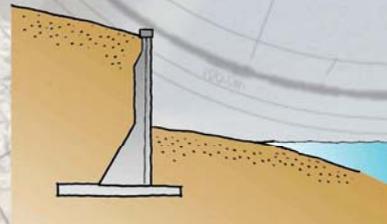
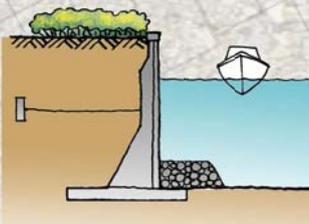
Bank Stabilization - drain, canal, pond, lake and river



Roadwork/Railway/Highway Construction - embankment, bridge abutment and wingwall



Marine Structures - coastal protection, quay, harbour, weir, slipway, dock, wharf and breakwater



Beneficial Effects of Precast Retaining Wall Construction

- Quality Product & Maintenance Free
 - Manufactured to great precision and close tolerances
 - Good compaction and production control during manufacturing
 - Very durable end products achieved with quality concrete
- Shorter Construction Time
 - Quick and easy installation process coupled with minimal site labour force thus less vulnerable to inclement weather
 - Precasting parallel with physical progress at site ensure earlier project completion



A Revolutionary Precast Alternative to Conventional RC Retaining Wall

PROPOSED R.C. WALL
PROPOSED RUBBLE WALL

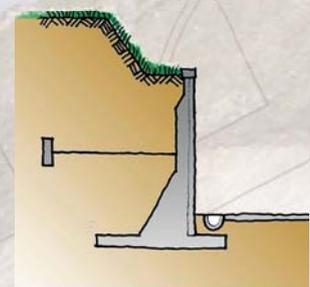
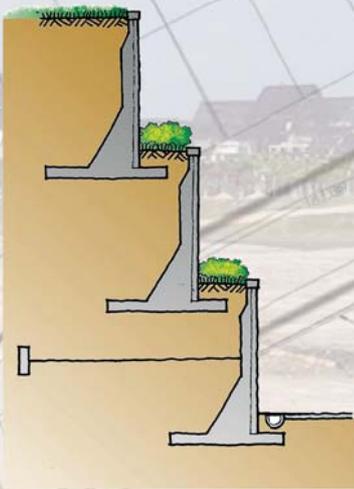
A Speedier and More Cost Effective Precast Way of Constructing RC Retaining Wall

TRIPOD WALL

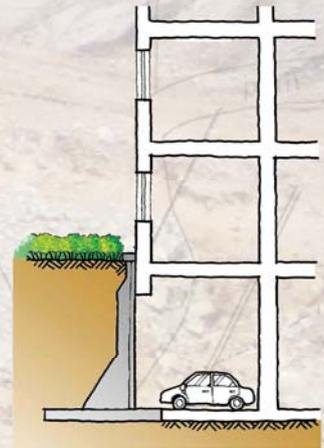
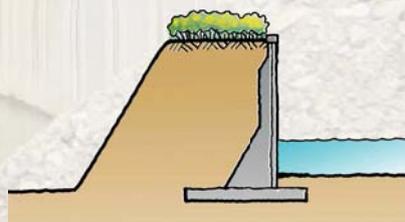
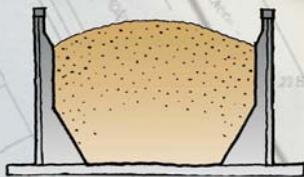
Tripod Wall System

- This system consists of a series of basic Tee-shape precast wall panels whose base is stabilized in-situ at site. It would subsequently resist the lateral stresses induced by the retained earths and imposed loads satisfactorily
- The combined benefits afforded by precast concrete technology and efficiently designed wall sections will permit 'top-down' construction concept to be possible and would ultimately provide an economical solution to meet most retaining wall needs

Development Projects - building platform, earth retention and slope protection



Special Applications - Containment structure, bund wall, basement wall construction



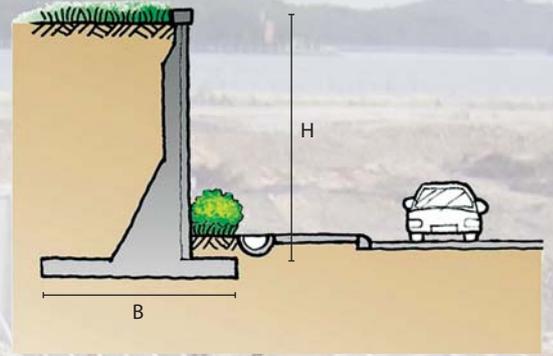
- Enhanced Aesthetics
 - Better control gives good finishes and yields aesthetic walls
 - Smooth off-steel formwork finish reduces collection of stains and/or fungi
- Environmental Friendly
 - Reduced environmental pollution through less formwork required meant less material wastage
 - Contribute towards sustainable development in construction and thus a greener and more conducive environment



COUNTERFORT WALL

A Speedier and More Cost Effective Way of Construction

- This Counterfort Wall System is a new version of Tripod Wall system by having higher precast contents to reduce messy insitu works on-site, suitable for wall height 3 - 5m
- The system consists of a series of precast Tee-shape precast wall panels integrated with fully/or partially precast Tee-bases.
- Flat and Curve wall finish profiles are available for Client's selection to meet varying project requirements.
- Curve wall profile is specially designed to be used as Wave Reflector for coastal protection purpose



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Our range of products is constantly under review.
Data relating to new products will be issued when available.
We reserve the right to amend our specifications without
prior notice.