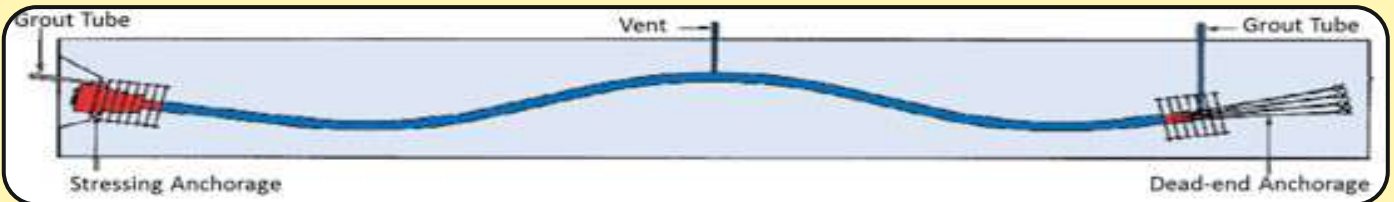


EVERWIN PT SYSTEMS PVT LTD

Your Specialized Project Partner



Our Business

- ◆ *Post - Tensioning Work - Buildings And Bridges*
- ◆ *Ground Engineering Works*
- ◆ *Retro Fitting Works*

COMPANY PROFILE

The EPSPL Post - tensioning systems is developed with features to meet application requirements of simplicity, efficiency and meet market demands of cost competitiveness. The mission is to design the EVERWIN PT systems which will be efficiently applied in all buildings and Civil engineering works.

We as a specialist agency in post tensioning, Ground Anchoring and Repair works to offer efficient structural solution to building works. We involve in exploring appropriate Engineering systems and construction, optimized design for Post tensioning and Ground Anchoring works in Buildings.

EPSPL has a core team of passionate management staff supported by Potential design team to provide appropriate structural solution to client. We are having an experienced execution team of engineers and supervisors with trade-skilled work force to deliver the scope of works without leaving any hassles to our clients.

In addition to the efficiency of systems design, all product of EPSPL is also designed and manufactured under a quality control program to meet international standards thus ensuring that all clients would achieve the best value at a competitive cost.

Regardless of time constraints, Everwin PT is always committed to be the leading business partner of all clients and continue to commit to high quality products and services.

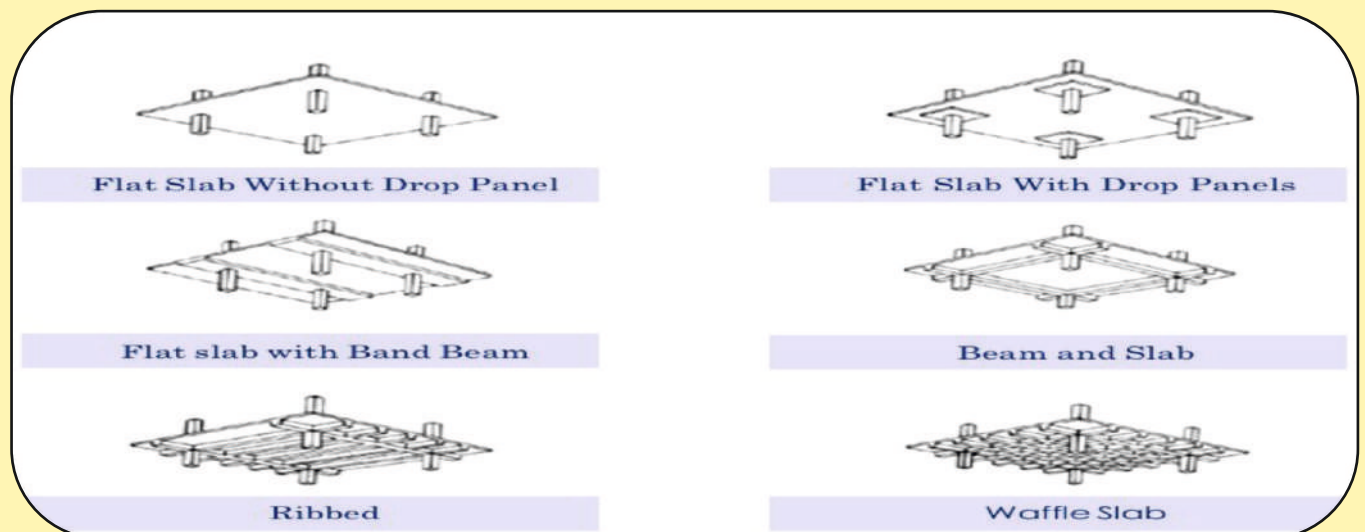
Post - Tensioning Work - Buildings And Bridges

OUR SERVICES :

◆ *Post Tensioning Design & Execution Works in Buildings & Bridges*

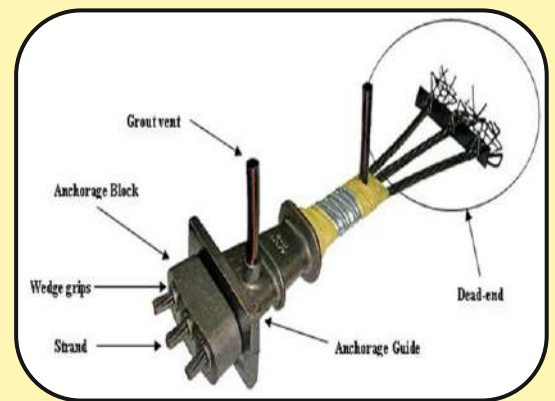
Commercial Buildings / Residential Buildings / Bridges
Multilevel Car Parking / Hospital & Factory Buildings

TYPES OF PT SLABS :



ADVANTAGES OF POST-TENSIONED BUILDING CONSTRUCTION :

- ◆ Longer Spans are achieved with lesser beam/slab depth.
- ◆ Reduction in construction time and cost
- ◆ Speedy Floor to Floor construction cycle time (10 to 15 days per slab) due to Simplified form-work and reduced quantities of materials.
- ◆ Reduction in Dead load due to Thinner slab which will make cost savings in foundation and columns design and more resistant to seismic forces
- ◆ Less no. of work force engaged for Post Tensioning works than RCC slabs.
- ◆ Reduction in overall building Height, thereby additional floors are possible in height restricted zones
- ◆ Reduction of foundation depth and reinforcement.
- ◆ Reduction of cost in vertical structural element
- ◆ It reduces or eliminates shrinkage cracks
- ◆ Flexibility for providing service ducts and False ceilings.



DESIGN OF POST TENSIONING SLABS :

- ◆ To perform an independent evaluation of the Slab system with an objective to identify possible improvements especially from implementation of architectural features and client requirements.
- ◆ Review the available information on slab system proposed by the main designer / structural consultant including the appropriateness, amount and tendon profile, material suitability and their key specifications, practical problems and cost aspects.
- ◆ Re-design the post-tensioning system if the ones proposed by third party need major modifications or improvements and submit it to the main designer, QA team or any other party authorized by the client.
- ◆ Evaluate and propose the appropriate solution to account the secondary effects of P-T work in other components of the slabs.
- ◆ Prepare comprehensive design review or re-design calculation report and submit the concern party.

POST TENSIONING SLAB CONSTRUCTION PROCEDURE



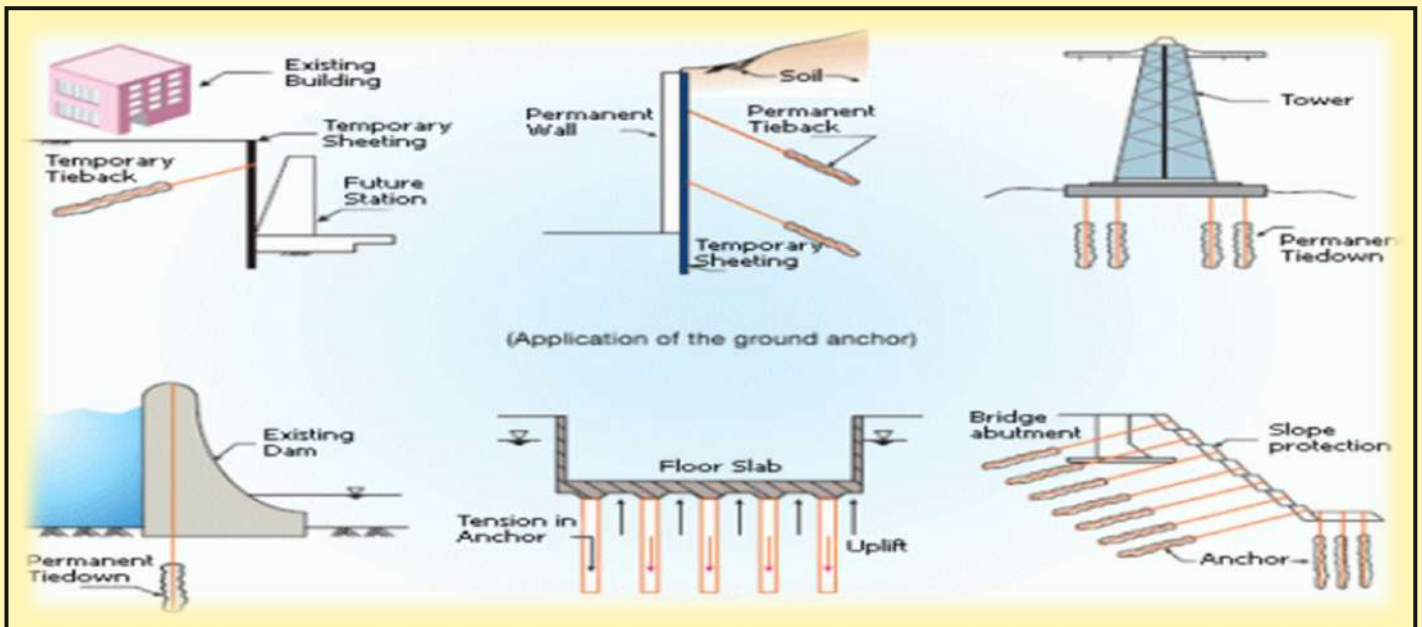
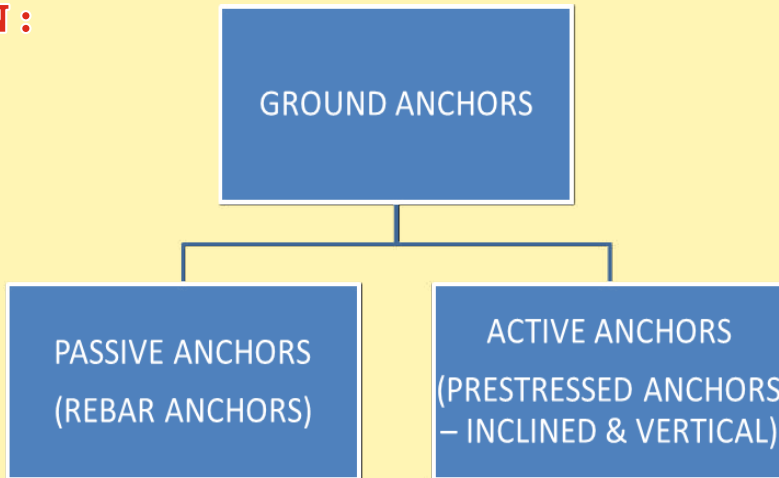
POST TENSIONING BRIDGES



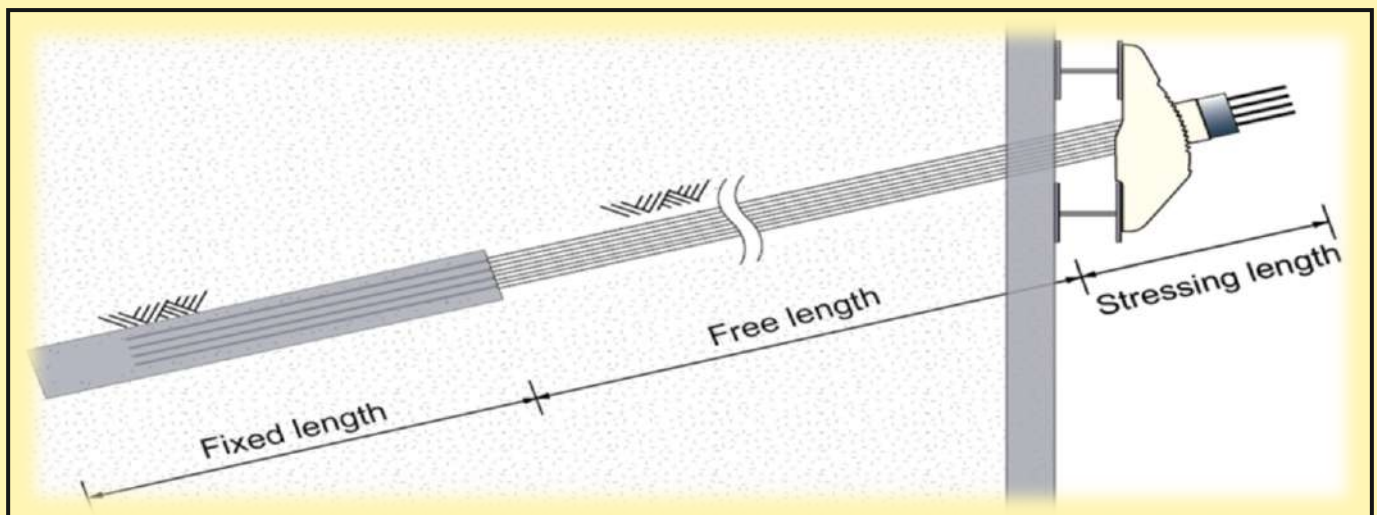
Ground Engineering Works

Design & Execution of Ground Anchors

INTRODUCTION :



TYPICAL ANCHOR SYSTEM :



GROUND ANCHOR SEQUENCE:



DRILLING OF BORE HOLES



FABRICATION OF ANCHORS



INSTALLATION OF ANCHOR



INSTALLATION OF WALLER BEAMS



STRESSING OF ANCHORS



GROUTING OF ANCHORS

Retro Fitting Works

- ◆ ***Cut- out opening for PT Slabs & RCC Slab***
- ◆ ***Strengthening work for PT Slabs & RCC Slabs***
- ◆ ***Repairing and Modification of PT Slabs & RCC Slabs***

RETRO FITTING SEQUENCE:



CUT-OUT AREA MARKING



BACK - PROPPING THE SLAB



ISMB/ ISMC STRENGTHENING



SLAB CUTTING WORK



CUTTING PIECE SHIFTING



CUT PIECES BREAKING

OUR STRENGTH

- ◆ *Management and Design Staffs have more than 15– 20 year Experience of Post –tensioning work and specialist work .*
- ◆ *Delivering of Work friendly Construction solution & Quality Construction .*
- ◆ *Committed to Excellence , Committed to You*
- ◆ *We Prompt Respond to our Clients*
- ◆ *Quality. Precision. Construction.*

CONTACT US

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OUR SERVICE AVAILABLE :

CHENNAI / BANGALORE / KOCHI / HYDERABAD / VIJAYAWADA
MUMBAI / PUNE / AHMEDABAD / NAGPUR / INDORE / NASHIK