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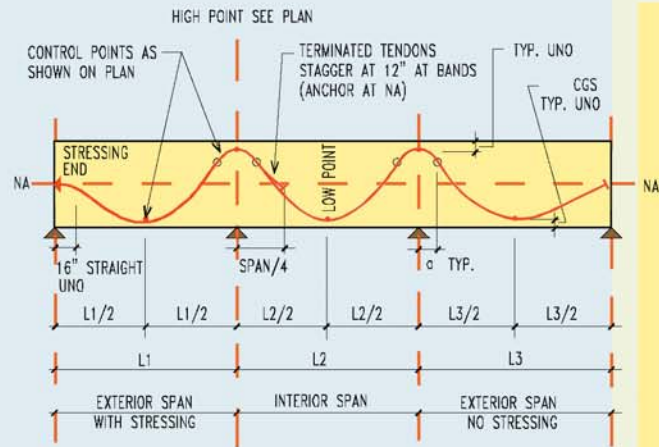
# ADAPT

# -Details

## PT Details and Notes For Post-Tensioned Buildings and Parking Structures

### Standard Details and Notes for Post-Tensioned Floor Systems

- Two-way slab and one-way slab and beam construction
- Details for aggressive and non-aggressive environments
- Bonded and unbonded systems
- Beams and beam-column joints
- Drop caps, drop panels
- Openings, inserts
- Tendon layout; tendon profiles
- Stressing and anchorage details
- Crack control reinforcement
- Construction joints; closure strips
- Post-tensioned ground supported slabs (SOG)
- Construction Notes
- All details and notes are in DWG file formats
- SI and American customary units



NOTES:  $\alpha = 0.1 L$   
 FOR UNIFORM SLAB  
 NA IS AT MID-DEPTH

### Description

The ADAPT package of **Details** and notes is the result of over twenty years of consulting and construction experience in the design of post-tensioned buildings and parking structures. It includes over one hundred of the most commonly used structural details for post-tensioned construction. The details come complete and ready to use as electronic files in Autocad file format, as well as hard-copy that can be incorporated into project drawings. The package includes several structural drawings that illustrate application of the details and their cross-referencing.

### PROFILE FOR REVERSED PARABOLA TENDONS

NO SCALE

DETAILS (10/01) (2009) RFL

# ADAPT - Details and Structural Specifications



## Standard Details for Post-Tensioned Buildings and Parking Structures

- ▶ Elevated Post-Tensioned Slabs
- ▶ Post-Tensioned Beams
- ▶ Post-Tensioned Ground Supported Slabs (SOG)
- ▶ Banded and Distributed Tendon Layout
- ▶ Trim Bars for Crack Control
- ▶ Temperature and Shrinkage Reinforcement
- ▶ Closure Strips, Stressing Blockouts, Construction Joints

## Format

The package consists of:

- o A CD containing the electronic files of the details (in AutoCad file format)
- o A booklet containing a printout of each of the details
- o Drawings showing sample application of the details
- o Post-tensioning notes for insertion on structural drawings



## Codes

The program comes in ACI, IBC (International Building Code), and a number of other building codes.

## Technical Support and Training

Prompt and competent technical support is provided by ADAPT software developers and engineers who are engaged in the design of concrete structures on a daily basis. The support is either through ADAPT headquarters in California, or through regional representatives in Europe and Asia. Training is offered at ADAPT's Headquarters in the San Francisco Bay area, at the client's office or via scheduled seminars worldwide.

## Hardware Requirements

PC compatible computer, Windows operating system, minimum of 64 MB RAM, 10 GB hard drive. AutoCad LT, 12 or higher.

## Units

- SI
- MKS
- American Customary

## Authors

ADAPT Details and Notes are compiled by ADAPT staff from the projects that ADAPT has been involved in over the last twenty years. The Details and Notes have been improved continuously through the suggestions made by leading consulting engineers and post-tensioning contractors.

## Warranty

No warranty, expressed or implied is made with respect to the sold software, either by the authors, or by the seller, either expressed or implied toward the merchantability of fitness to particular purpose, beyond replacing the original software medium and hardware in event of physical defects, for a period of six months from the date of first shipment of software.

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