Viktoria: Unique Post-Tensioning Design Creates Column-Free Interior In Residential High-Rise

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DROPHEAD CONCEPT

COLUMN DROPHEADS

CORE DROPHEAD
CORE DROPHEAD
Benefits of Core Drophead

- Elimination of internal columns
- Elimination of transfer beams
- Improved core efficiency
- Improved unit layouts & parking efficiency
Gravity Load Trib Areas

Without Drohead

With Drohead
VS

Without Drophead

With Drophead
Drophead System Transfers Gravity Loads from the Two-Way PT Slabs into the Shearwall Core

SEISMIC OR WIND LOAD

High Gravity Loads Reduce Net Overturning Moments at the Core Under Seismic and Wind Loads