



■ Domestic Buildings

Reference Details:

Owner LA Arena Development Company, LLC +++ **General Contractor** PCL Construction Services, Inc. +++ **Architect** NBBJ Sports and Entertainment +++ **Consulting Engineer** John A. Martin and Associates, Los Angeles, CA +++ **Precast Contractor** ATC Curd Company

DSI Services
DYWIDAG Bar Tendons for temporary tie backs
16 tons of DYWIDAG Multistrand Tendons Type MA 19 and 27-0.6"; 55 tons of unbonded DYWIDAG Monostrand Tendons 0.5"; Installation, stressing and grouting of tendons.



Staples Center, Los Angeles, USA

This ultramodern sports arena holds up to 22,000 spectators and will host two excellent teams: the Los Angeles Kings (ice hockey) and the L.A. Lakers (basketball).

The shear walls reach a maximum height of 37 m.

For the loading zones in the lower level a larger column spacing was necessary so the lower level slab was post-tensioned with DYWIDAG Multistrand Tendons type MA 19 and 27-0.6" to reduce plate bending.

The flat slab post-tensioning of the upper levels was done using unbonded DYWIDAG Monostrand Tendons 0.5".