



Village of Olympia Fields

DECK REQUIREMENTS

CONSTRUCTION STANDARDS:

- All decks shall be designed to support a 40-pound live load.
- All support posts shall bear on concrete piers, not embedded in concrete
- All concrete piers shall be a minimum 42" below grade.
- All decks attached to the exterior wall shall be positively anchored to the wall, the use of toe nails subject to withdrawal is prohibited
- The maximum stair rise is 7 ¾" and the minimum tread depth is 10".
- All stairs with two or more risers shall have a handrail on one side minimum
- All floor surfaces over 30" high shall have a guardrail not less than 36" high
- The maximum opening in any guardrail shall not allow a sphere 4" in diameter to pass through
- All materials used shall be decay resistant.
- A building permit is required. Submit a copy of your Plat of Survey indicating the exact location of the deck. Submit a plan of the construction of the deck. Most lumber yards will prepare a plan for you if you buy the lumber from them.

PERMIT REQUIREMENTS

- Submit a Plat of Survey indicating the exact location of the proposed deck
- Submit a deck framing plan and railing detail. Include post and beam locations.
- Submit a detail of the steps, include rise height and tread depth.
- Complete the permit application. Incomplete applications may delay the permit process.

NOTE: Call J.U.L.I.E. (Joint Utility Locating Information for Excavators) at 1-800-892-0123. This is a free service that will provide you with utility line locations. You should make this call at least 2 days before you start to dig.

ALL WORK NEEDS AN INSPECTION BY THE VILLAGE

If you have any questions or require additional information, please call Village Hall at 708-503-8000.

FOR EASIER, STRONGER, SAFER CONSTRUCTION

DO YOUR DECKS MEET CODE?

A Complete Connector System for Building Safer, Code-Compliant Decks

H2.5AZ H2.5ASS Hurricane Tie
Ties rafter to beam

LSWZ Slopeable Hanger
Ties rafter to ledger

H1Z Hurricane Tie
Ties joist to girder at mid-deck; ties deck cover rather to beam

PCZ Post Cap
Ties post to beam

DTT12 Deck Tension Tie
Ties deck framing to top plate, studs or headers

DTT2Z DTT2SS Deck Tension Tie
Ties deck to house

TA92KT/TA102KT TA9SS/TA10SS Staircase Angle
Ties stair tread to stringer; TA92KT/TA102KT provided with Strong-Drive SDS screws; for stainless versions, purchase 1/4" x 1 1/2" stainless-steel SDS screws separately

LSCZ LSCSS Adjustable Stringer Connector
Ties stair stringer to the carrying header or rim joist

KB51Z Knee-Brace Stabilizer
Post-to-knee-brace connection

Strong-Drive® SD Connector screws are designed to replace nails in certain products. Visit strongtie.com/sd for complete information.

Strong-Drive® SDs Timber Screw
Ledger attachment design per code; visit our website for spacing instructions

DJT14Z DJT14SS Deck Joist Tie
Ties 2x girder to post

RPBZ Retrofit Post Base
Secures existing post/column

BCS2-2/4Z BCS2-2/4SS Post Cap
Ties 4x post to double 2x beam (green)

CBSQ44HDG Column Base
Ties 4x4 post to concrete

ABA44Z Standoff Post Base
Ties 4x4 post to concrete

DTT2Z DTT2SS Deck Tension Tie
Ties guardrail post to deck post

ABU44Z Post Base
Ties 4x4 post to concrete

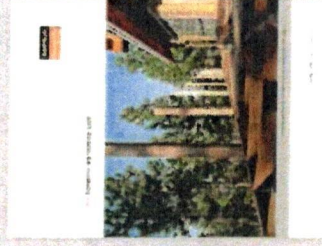
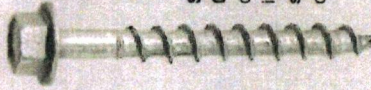
A35Z A35SS Framing Angle
Ties rim joist to deck post

Choose the Right Level of Corrosion Protection
Visit www.strongtie.com/info for critical information.



NOTE: Illustration shows all available deck products. Actual products selected will depend upon application or construction method used for a particular deck. Check local building codes before you begin a project.

Use ZMAX® coated or stainless-steel connectors in outdoor environments and to protect against corrosion from preservative-treated wood. Use **ONLY** fasteners with a hot-dip galvanized (HDG) or double-barrier coating with ZMAX and post-HDG connectors. Use **ONLY** stainless-steel fasteners with stainless-steel connectors. Visit strongtie.com/info for critical information.



See the Simpson Strong-Tie® Deck Connection and Fastening Guide for specific recommendations.

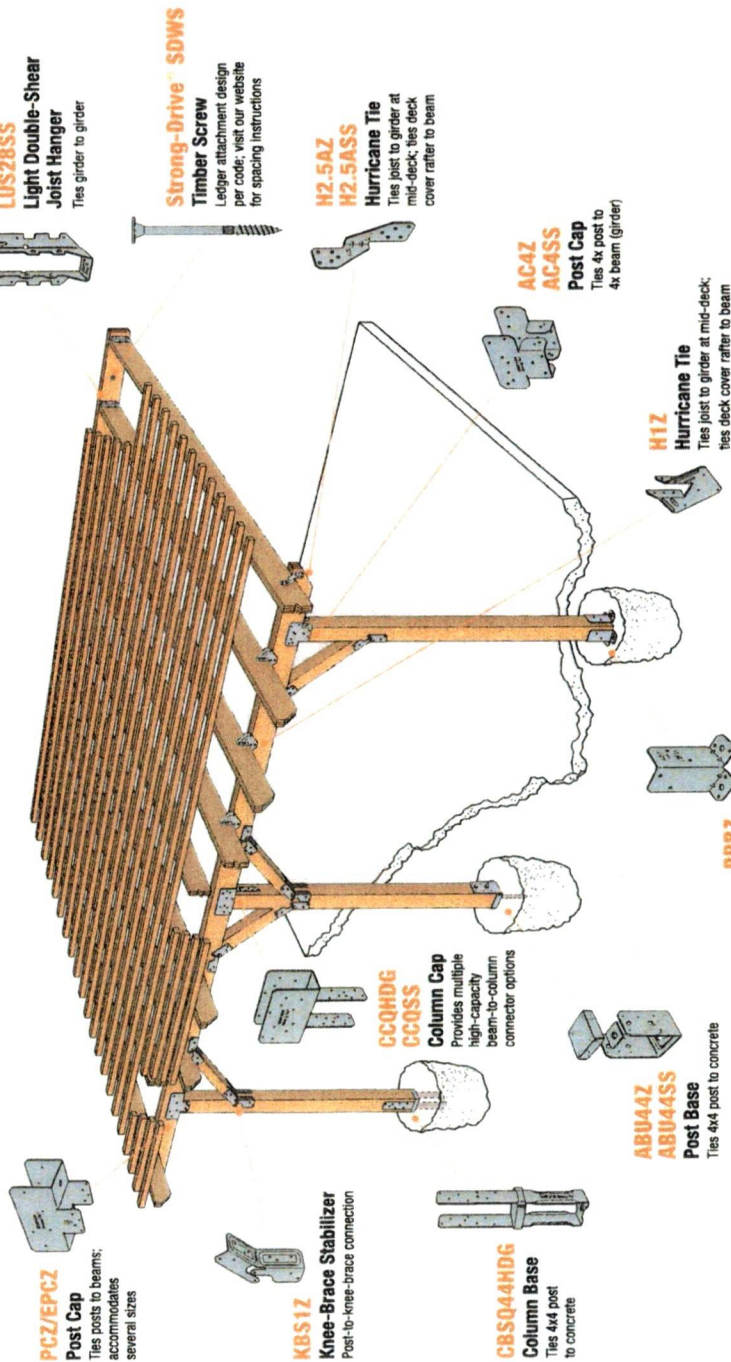
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www.strongtie.com

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FOR EASIER, STRONGER, SAFER CONSTRUCTION

PATIO COVER SYSTEM

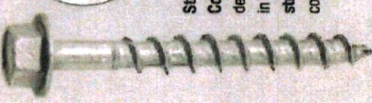
A Complete Connector System for Patio Cover Construction



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