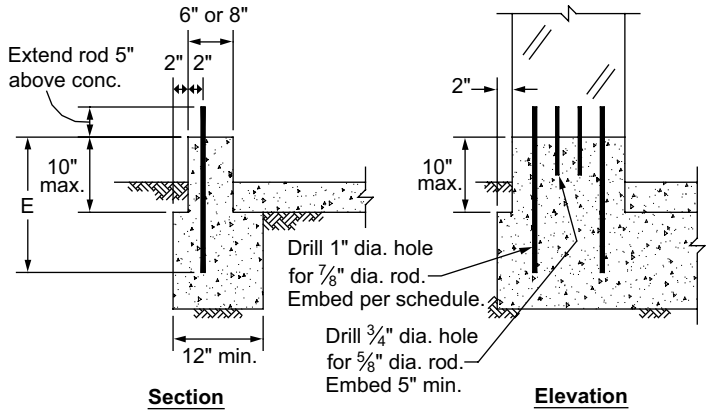
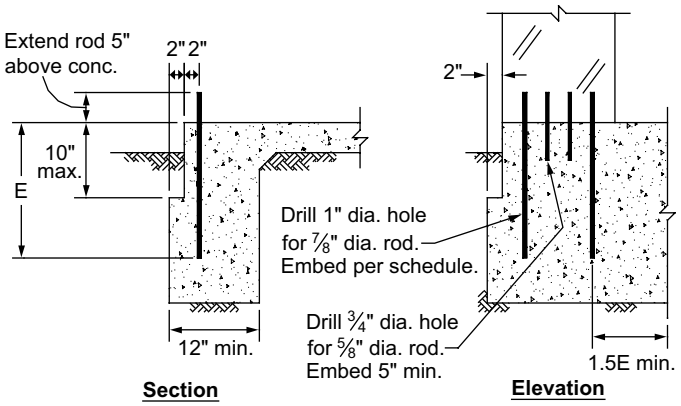
WOOD STRONG-WALL®: SET Epoxy Anchorage Solutions

Simpson's SET epoxy is a two-component, low odor anchoring adhesive for high strength anchoring applications in concrete and masonry. It is ideal for installing threaded rod anchors in hardened concrete for Wood Strong-Wall anchorage. Resin and hardener are dispensed and mixed simultaneously through the mixing nozzle. Follow all hole preparation and installation instructions on the cartridge.

CODES: ICC-ES ESR-1772; City of L.A. RR 25279; Florida FL5550.3; Metro Dade 01-1026.02; Caltrans Approved; Multiple DOT Listings.

The following tables show embedments necessary to develop the required loads for Wood Strong-Wall panels installed in various footing types.

CURB/SLAB

Footing Type	Wood Strong-Wall Type	Embedment (E)
 **Garage Curb Over Footing**	16 in. and 22 in. Wide Portal Walls	15"
	8 ft. and 9 ft. Tall Standard Walls	18"
	10 ft. and 12 ft. Tall Standard Walls	20"
 **Slab on Grade**	16 in. and 22 in. Wide Portal Walls	15"
	8 ft. and 9 ft. Tall Standard Walls	18"
	10 ft. and 12 ft. Tall Standard Walls	20"

1. Epoxy shall be Simpson SET Epoxy and threaded rods shall be ASTM A36 minimum.
2. Existing concrete strength shall be 2500 psi or greater.
3. Consult local building department for special inspection requirements for adhesive anchors.
4. Wood Strong-Wall may be placed directly at concrete edge and corner.
5. Structural capacity of concrete shall be as approved by Engineer of Record.
6. Consult Engineer of Record for two-story stacked Wood Strong-Wall applications.
7. Simpson Strong-Tie recommends the appropriate Wood Strong-Wall template be used to mark hole locations and to keep all-thread rod vertically plumb.
8. Consult Engineer of Record for drilling into post-tensioned concrete.
9. Embedments for Slab on Grade may be reduced 3" if anchor is 12" or more from the corner.

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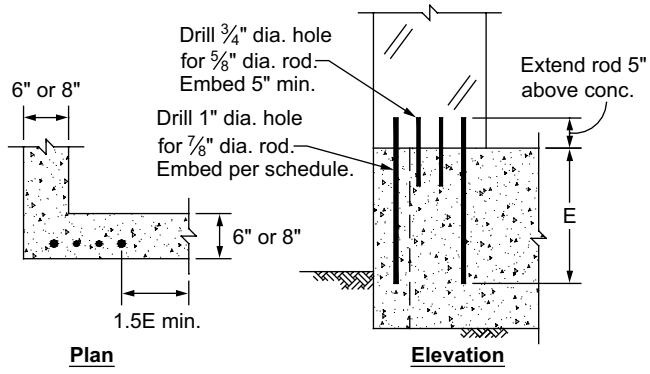
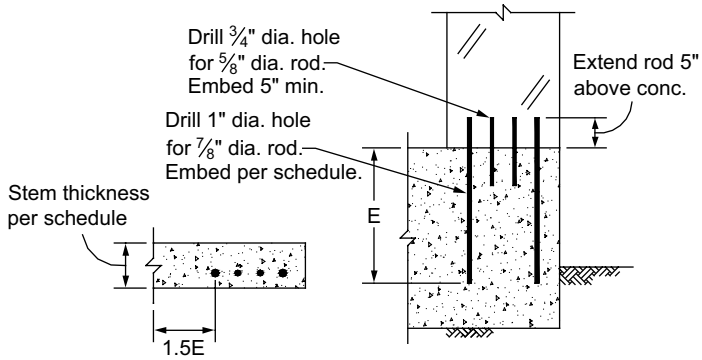
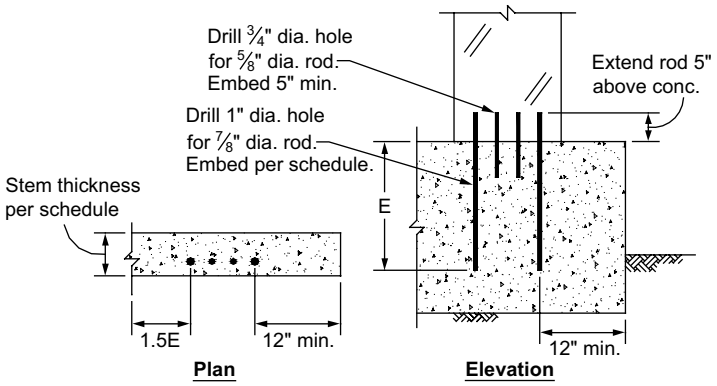
STEMWALLS

Footing Type	Wood Strong-Wall Type	Stem Thickness	Embedment (E)
 **Stemwall at Corner**	16 in. and 22 in. Wide Portal Walls	6" or 8"	15"
	Raised Floor Walls	6" or 8"	15"
	8 ft. Tall Standard Walls	6" or 8"	18"
	9 ft. - 12 ft. Tall Standard Walls Except SW48x12x6	6" or 8"	20"
 **End Wall Condition**	16 in. and 22 in. Wide Portal Walls	8" only	20"
	18 in. and 24 in. Wide Raised Floor Walls	6"	18"
		8"	15"
	32 in. and 48 in. Wide Raised Floor Walls	6"	20"
		8"	18"
 **Stemwall 12" From End**	16 in. and 22 in. Wide Portal Walls	6"	18"
		8"	15"
	Raised Floor Walls	6" or 8"	15"
	All Standard Walls Except SW48x12x6	8" only	20"

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3. Consult local building department for special inspection requirements for adhesive anchors.
4. Wood Strong-Wall may be placed directly at concrete edge and corner.
5. Structural capacity of concrete shall be as approved by Engineer of Record.
6. Consult Engineer of Record for two-story stacked Wood Strong-Wall applications.
7. Simpson Strong-Tie recommends the appropriate Wood Strong-Wall template be used to mark hole locations and to keep all-thread rod vertically plumb.
8. Consult Engineer of Record for drilling into post-tensioned concrete.

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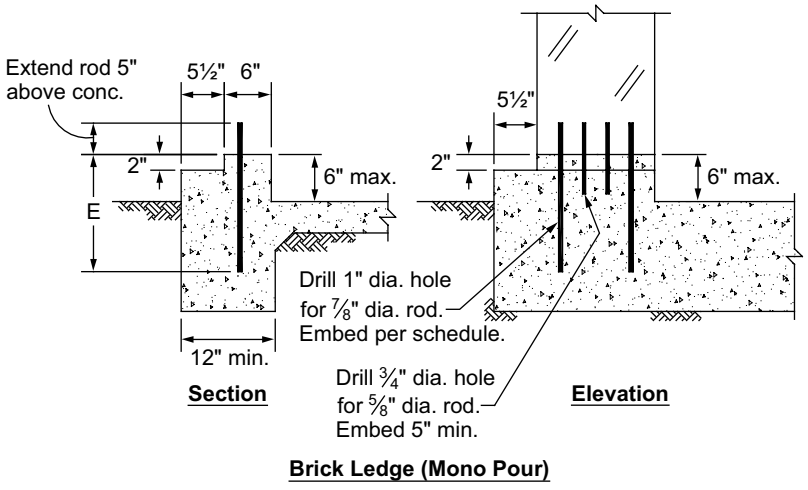
BRICK LEDGE

Footing Type	Wood Strong-Wall Type	Embedment (E)
 **Brick Ledge (Mono Pour)**	16 in. and 22 in. Wide Portal Walls	12"
	8 ft. - 10 ft. Tall Standard Walls	15"
	12 ft. Tall Standard Walls	18"

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2. Existing concrete strength shall be 2500 psi or greater.
3. Consult local building department for special inspection requirements for adhesive anchors.
4. Wood Strong-Wall may be placed directly at concrete edge and corner.
5. Structural capacity of concrete shall be as approved by Engineer of Record.
6. Consult Engineer of Record for two-story stacked Wood Strong-Wall applications.
7. Simpson Strong-Tie recommends the appropriate Wood Strong-Wall template be used to mark hole locations and to keep all-thread rod vertically plumb.
8. Consult Engineer of Record for drilling into post-tensioned concrete.