THE LEAST EXPENSIVE CONCRETE FOUNDATION
FOR POST FRAME BUILDINGS

Engineered to Replace Wood
Build Like Standard Post Frame
Eliminate Wood Decay

WHAT ARE PERMA-COLUMNS?
PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

WHAT ARE PERMA-COLUMNS?
PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PERMA-COLUMN
PRECAST CONCRETE COLUMNS

ASSEMBLE COLUMN
DELIVER
SET COLUMN
ATTACH SPLASH BOARD

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.

PRECAST CONCRETE COLUMNS THAT REPLACE WOOD IN THE GROUND.
### NEW CONSTRUCTION CONCRETE PIER UNIVERSITY “L” ROTTEN POST REPAIR

### THE ULTIMATE CONCRETE CONNECTION

- Engineered for Post Frame
- Durable EpoxZi Shield Coating
- Wet Set & Drill Set Available
- Made in the USA

---

#### WET SET

1/2" Bolts
1/4" Power Grip Screws
1/4" Robotic Welded HSLA Steel Bracket

---

#### DRILL SET

**DRILL SET**

**WET SET**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>TYPE</th>
<th>ID</th>
<th>SHEAR (lbs)</th>
<th>UPLIFT (lbs)</th>
<th>MODEL</th>
<th>TYPE</th>
<th>ID</th>
<th>SHEAR (lbs)</th>
<th>UPLIFT (lbs)</th>
<th>MOMENTS (in-lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW46</td>
<td>4&quot; x 6&quot; Post</td>
<td>3-5/8&quot;</td>
<td>3,490</td>
<td>5,900</td>
<td>SWP46</td>
<td>4&quot; x 6&quot; Post</td>
<td>3-5/8&quot;</td>
<td>6,560</td>
<td>9,020</td>
<td>28,000</td>
</tr>
<tr>
<td>SW66</td>
<td>6&quot; x 6&quot; Post</td>
<td>5-5/8&quot;</td>
<td>3,490</td>
<td>5,900</td>
<td>SWP66</td>
<td>6&quot; x 6&quot; Post</td>
<td>5-5/8&quot;</td>
<td>6,640</td>
<td>9,020</td>
<td>28,000</td>
</tr>
<tr>
<td>SW63</td>
<td>3 Ply 6&quot; Lam Col</td>
<td>4-5/8&quot;</td>
<td>3,490</td>
<td>5,900</td>
<td>SWP63</td>
<td>3 Ply 6&quot; Lam Col</td>
<td>4-5/8&quot;</td>
<td>6,640</td>
<td>9,020</td>
<td>28,000</td>
</tr>
<tr>
<td>SW64</td>
<td>4 Ply 6&quot; Lam Col</td>
<td>6-1/8&quot;</td>
<td>3,490</td>
<td>5,900</td>
<td>SWP64</td>
<td>4 Ply 6&quot; Lam Col</td>
<td>6-1/8&quot;</td>
<td>6,640</td>
<td>9,020</td>
<td>28,000</td>
</tr>
<tr>
<td>SW83</td>
<td>3 Ply 8&quot; Lam Col</td>
<td>4-5/8&quot;</td>
<td>4,600</td>
<td>6,570</td>
<td>SWP83</td>
<td>3 Ply 8&quot; Lam Col</td>
<td>4-5/8&quot;</td>
<td>9,140</td>
<td>11,520</td>
<td>59,000</td>
</tr>
<tr>
<td>SW84</td>
<td>4 Ply 8&quot; Lam Col</td>
<td>6-1/8&quot;</td>
<td>4,600</td>
<td>6,570</td>
<td>SWP84</td>
<td>4 Ply 8&quot; Lam Col</td>
<td>6-1/8&quot;</td>
<td>9,140</td>
<td>11,520</td>
<td>59,000</td>
</tr>
<tr>
<td>SW85</td>
<td>5 Ply 8&quot; Lam Col</td>
<td>7-5/8&quot;</td>
<td>4,600</td>
<td>6,570</td>
<td>SWP85</td>
<td>5 Ply 8&quot; Lam Col</td>
<td>7-5/8&quot;</td>
<td>9,140</td>
<td>11,520</td>
<td>59,000</td>
</tr>
<tr>
<td>SW60</td>
<td>6&quot; Universal</td>
<td>N/A</td>
<td>1,745</td>
<td>2,950</td>
<td>SW60</td>
<td>6&quot; Universal</td>
<td>N/A</td>
<td>2,300</td>
<td>3,285</td>
<td></td>
</tr>
</tbody>
</table>

- Glu Lam Sizes Available in Some Areas

---

**Step-by-Step Post Replacement Guide at www.permacolumn.com**

1) Remove Post
2) Attach Bracket
3) Pour Concrete

---

Please visit [www.permacolumn.com](http://www.permacolumn.com) to download the complete Sturdi-Wall design manual.

---

**NEW CONSTRUCTION | CONCRETE PIER | UNIVERSAL “L” | ROTTEN POST REPAIR**

---

**WHAT ARE STURDI-WALLS?**

Heavy Duty Foundation Brackets for Post, Beam, & Column Construction.

Sized to Fit Laminated Columns & Wood Posts

- 60,000 psi A706 Rebar

EpoxZi Shield
- Proprietary Powder
- Coat Exceeds 1,500 Salt Spray Hours

Recommended 5/8" x 6" Screw Anchor

---

**ENGINEERED FOR POST FRAME**

- Durable EpoxZi Shield Coating
- Wet Set & Drill Set Available
- Made in the USA