Columns and Beams (Commercial)

- Single & double height designs
- Beveled / chamfered edges
- Corbels & ledges
• Varying footprints and size to suit structure

• Cast in plates as per design

• Pass thru holes in beams for sprinkler pipes
Columns and Beams (Agricultural)

- Fast installation
- Steel form finish
- 6000 P.S.I. H.S.F. concrete
- Stainless steel connections
Columns and Beams (Agricultural)

Barn Cross Section

1. Typical Beam Pocket Connection
   - Precast Beam
   - Stainless Steel Pin
   - Concrete Beam
   - Poured in Place Wall

2. Typical Beam Pocket at Wall
   - Pocket
   - Poured Wall
   - Beam Pocket 12” Wide X 5” Deep

3. Continuous Beam Support
   - Pin Hole to be Filled with Grout
   - Continuous Precast Beam
   - Drypack Void
   - Poured in Place Wall

4. New Construction
   - Thickened Concrete Footing
   - Plastic Shims

5. Existing Construction
   - Existing Floor Slab
   - Poured in Place Column Footing
   - Cast into Top of Column
   - Drilled 4” into Footing

6. Details
   - 8” Stainless Steel Pin x 1'-6” LG.
   - Drilled into Top of Wall
   - Drilled into Top of Wall
   - Poured in Place Wall

7. Dimensions
   - 12” Wide X 5” Deep
SIZES & CONFIGURATION VARIES ON DESIGN REQUIREMENTS. CONSULT STUBBE’S PRECAST FOR ADDITIONAL INFORMATION. ALL DETAILS & CONNECTIONS ARE INTERCHANGEABLE.

HT - HEIGHT
WD - WIDTH
Columns and Beams

- CUSTOM SIZED COLUMNS AVAILABLE
- CONSULT STUBBE’S PRECAST FOR ADDITIONAL INFORMATION

Corner Column (with beams)  Stacked Column  Extended Column
**Columns and Beams Details**

**CB1** Bolted Column Base Connection
- Precast Column
- Cast in Bottom Plate
- Shim as Required
- Threaded Rod
  - Set in Field by Others

**CB2** Single Pin Column Base Connection
- Precast Column
- Pin Drilled and Placed by Stubbe's

**CB3** Beam to Column Welded Connection
- Precast Beam
- Cast in Plate
- Loose Angle & Welded Connection

**CB4** Beam to Column Pin Connection
- Precast Beam
- Sleeve
- Precast Column
- Bearing Pad
  - As Required
- Pin
Columns and Beams Details

**CB5** End to end beam and column connection

- Threaded rod c/w plate and nut
- Precast beam
- Ribbed sleeve
- Bearing pad as required
- Flared coil loop cast into column top
- Precast column

**CB6** Column to Column Through Beam Connection

- Precast column above
- Cast in bottom plate
- Threaded rod and nut
- Shim as required
- Inverted tee beam
- Sleeve
- Shim as required
- Precast column below

**CB7** Bolted Beam Column Connection

- Threaded rod c/w plate and nut
- Precast beam
- Ribbed sleeve
- Bearing pad as required
- Flared coil loop cast into column top
- Precast column

**CB8** Column to Column Stacked Connection

- Precast column above
- Cast in bottom plate
- Threaded rod and nut
- Shim as required
- Precast column below