

ATTACHMENT TYPES

① Cast-in Inserts†
 ② Cast-in Inserts or Bolts†
 ③ Formed Holes for through-bolting†
 ④ Field drilled Holes
 ⑤ NO NON-STANDARD Attachments or Anchorages permitted.
 ⑥ NO Field drilled Holes, Cast in Inserts OR Formed Holes permitted
 ⑦ NO Field Welding permitted†

†Field drilled holes may be used if approved by the DSDE, See SDG 1.9.E.

SECTION A-A
 SECTION THRU CAP
 (END OF CAP SIMILAR)

SECTION B-B

SECTION C-C
 SECTION WITH POST-TENSIONING (PT)

SECTION D-D
 SECTION THRU CONC. CAP

SECTION E-E
 SECTION THRU STEEL CAP

PILE BENT

STRADDLE BENT

INTEGRAL PIER
 (CONCRETE INTEGRAL PIER SHOWN; CONCRETE STRADDLE PIER & STEEL INTEGRAL OR STRADDLE PIER SIMILAR)

MULTIPLE COLUMN PIER
 (CAST-IN-PLACE) (PRECAST W/ REBAR COUPLERS) (POST-TENSIONED)

HAMMERHEAD PIER
 (CAST-IN-PLACE) (PRECAST w/ REBAR COUPLERS)

C-PIER
 (POST-TENSIONED HAMMERHEAD PIER SIMILAR)

* Limits of Connectors
 ** From PT Anchor or Duct

See Multiple Column Pier Limitations (Typ.)

See Sections D-D & E-E

‡ Interior and Exterior

ALLOWABLE CONNECTION TYPES FOR MISCELLANEOUS ATTACHMENTS - SUPERSTRUCTURES

