ANCHOR BARS

WELD DETAILS OF

ELEVATION VIEW

COLUMN SECTION

PLAN VIEW

COLUMN REINFORCEMENT

SPIRAL REINFORCEMENT

E80-XX made after cap cage placement

- Welds:
  - Grade 60 Steel
  - W2.9 (0.192 in. Wire) @ 1.25 in
- - Stirrup Reinforcement:
  - Hebart = 88.25 in
  - Hebart and Hebar = 112.25 in

NOTES:

See Top Weld Plan (This Sheet)

H (Vanes by beam)
Diagram of Beam Duct Details:

- Beam Duct Details
- Post-Tensioning Notes:
  - Diameter = 2 3/8 in
  - Post-Tension Duct
  - Post-Tension Force = 205
  - Effective Tendon Diameter = 0.507 in
  - System Size = 9.05 x 20ksi
  - Stand Post-Tensioning

Elevation View:

- Post-Tension Ducts
- 2 in dia. PVC Ducts \( \circ \) 2 in dia.

Plan View:

- See Beam Duct Details
- Type 3 Beam
- Type 2 Beam
- Type 1 Beam

These Ducts for Type 3 Beam Only:

- Duct Details
T-Beam 2 Duct Details

T-Beam 1&3 Duct Details

NEESR-SG 4 Span Bridge
(Test Specimen #1)
NOTES:

- Bolt length = 6.5 in (203 mm)
- Bolts are 1/2 in. A325

Elevation View

Plan View

Type 1 Beam

Type 2 Beam

Type 3 Beam