**General Notes:**

- Prestressed Panels: Concrete for prestressed panels shall be Class A-1 with 1°F = 1,000 psi, 3°F = 4,000 psi.
- The surface of all panels shall receive a scored finish with a depth of scoring of 1/16” perpendicular to the prestressing strand in the panels.
- Prestressing tendons shall be high-tensile strength, uncoated, high-strength prestressing strands.
- Prestressing steel strand shall be of high-strength, uncoated, high-tensile strength, uncoated.
- All prestressing tendons shall be placed at the same time.
- All prestressing tendons shall be placed at the same time and tensioned at the same time.
- Initial prestressing force = 1,000 kips/strand.
- The method and sequence of releasing the strands shall be shown on the shop drawings.

**Materials:**

- Prestressed panels shall be brought to saturated surface dry (SSD) condition just prior to the deck pour. There shall be no free standing water on the panels or in the area to be cast.
- The prestressed panel quantities are not included in the table of estimated quantities for the slab reinforcing steel.
- Minimum clearance to reinforcing steel shall be 1 1/16", unless otherwise shown.
- If U1 bars are used with placement of slab steel, U1 loops may be bent over, as necessary, to clear slab steel.
- Sheet and bent bars shall be in accordance with the CORA Manual of Standard Practice for Detailing Prestressed Concrete Structures.

**Concrete:**

- Slab thickness over prestressed panels shall be Class A-1 with 1°F = 1,000 psi, 3°F = 4,000 psi.
- Prestressed panels shall be brought to SSD condition just prior to the deck pour. There shall be no free standing water on the panels or in the area to be cast.
- The prestressed panel quantities are not included in the table of estimated quantities for the slab reinforcing steel.
- Minimum clearance to reinforcing steel shall be 1 1/16", unless otherwise shown.
- If U1 bars are used with placement of slab steel, U1 loops may be bent over, as necessary, to clear slab steel.
- Sheet and bent bars shall be in accordance with the CORA Manual of Standard Practice for Detailing Prestressed Concrete Structures.

**Panel Dimensions:**

- Plan of Panel Placement:
  - Posts and panels are shown.
  - Panels are shown.
  - Panels are shown.
  - Panels are shown.

**Panel Details:**

- The #3-U1 bars shall be tied securely to #3-P2 bars, to WWR or to auxiliary reinforcement, as required for panels at integral end diaphragms.
- The #3-U1 bars shall be tied securely to #3-P2 bars, to WWR or to auxiliary reinforcement, as required for panels at integral end diaphragms.
- The #3-U1 bars shall be tied securely to #3-P2 bars, to WWR or to auxiliary reinforcement, as required for panels at integral end diaphragms.
- The #3-U1 bars shall be tied securely to #3-P2 bars, to WWR or to auxiliary reinforcement, as required for panels at integral end diaphragms.

**Joint Filler Dimensions:**

- Joint filler shall be preformed fiber expansion joint material in accordance with Sec 1057 or expanded or extruded polystyrene joint filler material in accordance with Sec 1093.
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- Joint filler shall be preformed fiber expansion joint material in accordance with Sec 1057 or expanded or extruded polystyrene joint filler material in accordance with Sec 1093.

**Stirrup and Tie Dimensions:**

- All dimensions are out to out.
- All dimensions are out to out.
- All dimensions are out to out.
- All dimensions are out to out.

**Reinforcing Steel:**

- Reinforcing steel shall be of high-strength, uncoated, high-tensile strength, uncoated.
- Reinforcing steel shall be of high-strength, uncoated, high-tensile strength, uncoated.
- Reinforcing steel shall be of high-strength, uncoated, high-tensile strength, uncoated.
- Reinforcing steel shall be of high-strength, uncoated, high-tensile strength, uncoated.

**Joint Filler:**

- Joint filler shall be preformed fiber expansion joint material in accordance with Sec 1057 or expanded or extruded polystyrene joint filler material in accordance with Sec 1093.
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**Technical Notes:**

- Suitable anchorage devices for lifting panels may be provided in accordance with Sec 1057 or expanded or extruded polystyrene joint filler material in accordance with Sec 1093.
- Suitable anchorage devices for lifting panels may be provided in accordance with Sec 1057 or expanded or extruded polystyrene joint filler material in accordance with Sec 1093.
- Suitable anchorage devices for lifting panels may be provided in accordance with Sec 1057 or expanded or extruded polystyrene joint filler material in accordance with Sec 1093.
- Suitable anchorage devices for lifting panels may be provided in accordance with Sec 1057 or expanded or extruded polystyrene joint filler material in accordance with Sec 1093.
Standard Drawing Guidance (do not show on plans):

1. Modify details if expansion gap is used and add Section B-B at expansion device and additional reference notes as shown on standard drawing for steel structures (PSP06).