Effective: Feb. 2023  
Supersedes: Nov. 2019

**PLAN OF OPTIONAL TRUNCATED END PANEL**

"L" sawn to skew square and may be cast, Strand 1 (2'-0" min.)

1. #3-P1 at 12" cts. (Typ.)
2. #3-P2 at abt. 5-#3-P3 at 6" cts. at top (6)
3. #3-U1 at 3'-0" cts. (Min.)
4. #5-S Bars at 8" cts. (1)(5)
5. #5-S Bars near edge of panel at bottom (2)

**SECTION A-A**

Reference Notes:
1. S-bars shown are bottom steel in slab between panels and used with squared and truncated end panels.
2. For end panels only, P1 bars shall be 2'-0" between P2 bars (8).
3. For truncated end panels, use a min. of #5-S Bars at 6" cts. in openings at min. 6" cts.
4. May be cast square and view to show.

**PLAN OF OPTIONAL SKewed END PANEL**

- S-bars shown are bottom steel in slab between panels and used with squared and truncated end panels.
- For end panels only, P1 bars shall be 2'-0" between P2 bars (8).
- For truncated end panels, use a min. of #5-S Bars at 6" cts. in openings at min. 6" cts.
- May be cast square and view to show.

**PLAN OF SQUARED PANEL**

- S-bars shown are bottom steel in slab between panels and used with squared and truncated end panels.
- For end panels only, P1 bars shall be 2'-0" between P2 bars (8).
- For truncated end panels, use a min. of #5-S Bars at 6" cts. in openings at min. 6" cts.
- May be cast square and view to show.

**Joint Filler Dimensions**

- Width: Min., Max.
- Length: Min., Max.

**PLAN OF PANEL PLACEMENT**

A. #5-S Bars at abt. 9" cts. (1)
B. #5-P1 at 32" cts. (Min. only)

**PRESTRESSED PANELS**

- Concrete for prestressed panels shall be Class A-1 with a minimum compressive strength of 4,000 psi.
- The top surface of all panels shall receive a scored finish with a depth of scoring of 10° to 50° curved perpendicular to the prestressing strands.

Prestressing tendons shall be high-strength steel, uncoated, with a minimum yield strength of 186,000 psi. The stressing procedure shall be in accordance with the specification. The stressing force shall be 17.2 kips per strand. The stressing force shall be determined by the engineer.

The top surface of each panel shall be scored parallel to the prestressing strands. The top surface of each panel shall be scored perpendicular to the prestressing strands.

Support from diaphragm forms is required under the optional skewed end panels. Support shall be provided under the panel to prevent curling of the panel. Support shall be provided under the panel to prevent curling of the panel.

The prestressed panel quantities are not included in the table of estimated quantities for the slab.
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).