

▷ PRECAST WINGWALLS $f'_{ci} = 3500 \text{ PSI}$ $f'_c = 5000 \text{ PSI}$

$$W_{T_{\text{max}}} = 2.26 \text{ T}$$

◦ FOR STRAPPING/HANDLING

THERE ARE (4) LIFT LOCATIONS AND BASED ON 60° MINIMUM SLING ANGLE WITH THE HORIZONTAL

$$\text{DESIGN LOAD/LIFT LOCATION} = \frac{2.26 \text{ T} \times 2}{(4)(0.866)} = 1.3 \text{ K}$$

FROM ATTACHED PRODUCT LITERATURE, USE (4) 2-TON $\times 6\frac{3}{4}''$

SWIFT LIFT ANCHORS, SWL (4:1 S.F.) = 4,000 LBS. ✓ o.k.

◦ FOR ROLLUP & ERECTION

ROLLUP PANELS ABOUT BOTTOM EDGE OF PANEL. PLACE (2) LIFT ANCHORS IN TOP EDGE OF PANEL

• CHECK TOP ANCHORS FOR SHEAR:

$$\text{SHEAR LOAD/LIFT ANCHOR} = \frac{2.26 \text{ T} \times 2}{(2)(2)} = 1.13 \text{ K}$$

FROM ATTACHED PRODUCT LITERATURE FOR DAYTON SUPERMAN,

USE (2) 2-TON $\times 6\frac{3}{4}''$ SWIFT LIFT ANCHORS w/ SHEAR BARS

$$\text{SWL (4:1 S.F.)} = 2.8 \text{ K} > 1.13 \text{ K}, \text{ o.k.}$$

CONSERVATIVE AS THIS IS BASED ON 8" WALL THICKNESS VS. 1'-3"

• CHECK TOP LIFT ANCHORS IN TENSION:

THERE ARE (2) LIFT ANCHORS IN TOP EDGE

$$\text{LOAD/LIFT ANCHOR} = \frac{2.26 \text{ T} \times 2}{2} = 2.3 \text{ K}$$

FROM ATTACHED PRODUCT LITERATURE FOR DAYTON,

USE (2) 2-TON $\times 6\frac{3}{4}''$ SWIFT LIFT ANCHORS

$$\text{SWL (4:1 S.F.)} = 4,000 \text{ LBS} > 2.3 \text{ K}$$