(N) Haunch radius is 30¼
(1) N = 9.62
(2) Haunch arc is 70°/1014 for structures 1-39 and 258¾/1014 for structures 1-39 and 258¾.
(3) Haunch arc radius is 297½
(4) Shell crown radius is 297½ for structures 40-87.

Tensile Strength \( F_u = 38 \text{ ksi} \)
Type II Rib (6061-T6 Alloy)
Yield Strength \( F_y = 35 \text{ ksi} \)
X-Sectional Area \( A = 1.75 \text{ in}^2 \)
Moment of Inertia \( I = 1.75 \text{ in}^4 \)

Tensile Strength \( F_u = 38 \text{ ksi} \)
Type IV Rib (6061-T6 Alloy)
Yield Strength \( F_y = 35 \text{ ksi} \)
X-Sectional Area \( A = 2.37 \text{ in}^2 \)
Moment of Inertia \( I = 3.81 \text{ in}^4 \)

Tensile Strength \( F_u = 38 \text{ ksi} \)
Type VI Rib (6061-T6 Alloy)
Yield Strength \( F_y = 35 \text{ ksi} \)
X-Sectional Area \( A = 3.58 \text{ in}^2 \)
Moment of Inertia \( I = 9.73 \text{ in}^4 \)

(1) N = 9.62” (Lateral bolt hole spacing)
(2) Haunch radius is 30¼° for structures 1-39 and 37¾° for structures 40-87.
(3) Haunch arc is 70° for structures 1-39 and 57° for structures 40-87.
(4) Shell crown radius is 297½° for structures 1-39 and 258¾° for structures 40-87.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

2'-6"

WATERWAY AREA = 18.4 sf

8'-9" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

3'-3" RISE

WATERWAY AREA = 25.4 sf

9'-2" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-1" RISE

WATERWAY AREA = 32.6 sf

9'-7" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION Crests.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-10" RISE

WATERWAY AREA = 40.2 sf

10'-0" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5'-7" RISE

WATERWAY AREA = 48.1 sf

10'-6" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'-4" RISE

10'-11" SPAN

WATERWAY AREA = 56.4 sf
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-2" RISE

11'-4" SPAN

WATERWAY AREA = 65.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

3'-5" RISE

10'-7" SPAN

WATERWAY AREA = 31.1 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-3" RISE

WATERWAY AREA = 39.5 sf

10'-11" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5'-0" RISE

WATERWAY AREA = 48.2 sf

11'-4" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5' – 9" RISE

11' – 8" SPAN

WATERWAY AREA = 57.2 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'-7" RISE

WATERWAY AREA = 66.4 sf

12'-1" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-4" RISE

12'-5" SPAN

WATERWAY AREA = 76.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

2'-10" RISE

WATERWAY AREA = 28.1 sf

11'-7" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-5" RISE

WATERWAY AREA = 46.9 sf

12'-3" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5'-2" RISE

WATERWAY AREA = 56.6 sf

12'-7" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'-0" RISE

WATERWAY AREA = 66.6 sf

12'-11" SPAN
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

CROWN REINFORCING RIB STIFFENER
HAUNCH/SIDE RIB STIFFENER

6'-9" RISE

WATERWAY AREA = 76.9 sf

13'-3" SPAN
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

WATERWAY AREA = 33.8 sf

CROWN REINFORCING RIB STIFFENER
HAUNCH/SIDE RIB STIFFENER

3'-0" RISE
13'-0" SPAN
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

CROWN REINFORCING RIB STIFFENER
HAUNCH/SIDE RIB STIFFENER

3’-10” RISE

13’-4” SPAN

WATERWAY AREA = 44.2 sf
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-7" RISE

13'-7" SPAN

WATERWAY AREA = 54.8 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6’-2” RISE

WATERWAY AREA = 76.6 sf

14’-1” SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-1" RISE

WATERWAY AREA = 51.5 sf

14'-8" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

14'-10" SPAN

4'-10" RISE

WATERWAY AREA = 63.2 sf
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5'–8" RISE

15'–1" SPAN

WATERWAY AREA = 75.1 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

WATERWAY AREA = 87.2 sf

6'-5" RISE

15'-4" SPAN

CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-3" RISE

WATERWAY AREA = 99.4 sf

15'-6" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
**NOTES:**

1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-3" RISE

WATERWAY AREA = 59.5 sf

16'-0" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5’-1” RISE

WATERWAY AREA = 72.3 sf

16’-2” SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER
HAUNCH/SIDE RIB STIFFENER

5'-11" RISE

WATERWAY AREA = 85.2 sf

16'-4" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

WATERWAY AREA = 98.3 sf
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-6" RISE

16'-8" SPAN

WATERWAY AREA = 112.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

3'-10" RISE

17'-9" SPAN

WATERWAY AREA = 54.4 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE Subject TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4' - 7" RISE

18' - 2" SPAN

WATERWAY AREA = 68.3 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

WATERWAY AREA = 82.5 sf

5'-4" RISE

18'-7" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
Notes:
1. Dimensions are shown to the inside of the corrugation crests.
2. Dimensions are subject to manufacturing tolerances.
3. Plate layout will be determined by manufacturer.
4. All reinforcing per manufacturers requirements.

Waterway area = 97.1 sf

Crown reinforcing rib stiffener

Haunch/side rib stiffener

6'-1" rise

19'-0" span
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

WATERWAY AREA = 112.0 sf
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

8’-5” RISE

20’-3” SPAN

WATERWAY AREA = 143.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-2" RISE

19'-1" SPAN

WATERWAY AREA = 63.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

WAUNCH/SIDE RIB STIFFENER

5'-8" RISE

19'-9" SPAN

WATERWAY AREA = 93.6 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'–6" RISE

20'–1" SPAN

WATERWAY AREA = 109.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-3" RISE

20'-6" SPAN

WATERWAY AREA = 125.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

8'-1" RISE

20'-10" SPAN

WATERWAY AREA = 141.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

8'-10" RISE

21'-2" SPAN

WATERWAY AREA = 158.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5'-3" RISE

20'-7" SPAN

WATERWAY AREA = 89.2 sf
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'-1" RISE

20'-1" SPAN

WATERWAY AREA = 106.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

WATERWAY AREA = 122.0 sf

6'–11" RISE

21'–3" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-8" RISE

21'-6" SPAN

WATERWAY AREA = 139.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

WATERWAY AREA = 156.0 sf

CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

8'–5"

21'–10" SPAN
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

9'-3" RISE

WATERWAY AREA = 173.0 sf

22'-1" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

4'-11" RISE

21'-7" SPAN

WATERWAY AREA = 83.8 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION Crests.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5'-8" RISE

21'-10" SPAN

WATERWAY AREA = 101.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'-6" RISE

22'-1" SPAN

WATERWAY AREA = 118.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-3" RISE

22'-3" SPAN

WATERWAY AREA = 136.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

9'-8" RISE

23'-0" SPAN

WATERWAY AREA = 190.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5'-4" RISE

22'-9" SPAN

WATERWAY AREA = 96.0 sf

NOTES:

1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'-1" RISE

WATERWAY AREA = 114.0 sf

23'-0" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'-11" RISE

WATERWAY AREA = 132.0 sf

23'-2" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-8" RISE

23'-4" SPAN

WATERWAY AREA = 151.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

8'-6" RISE

23'-6" SPAN

WATERWAY AREA = 169.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

9'-3" RISE

WATERWAY AREA = 188.0 sf

23'-8" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
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2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

5' - 9" RISE

24' - 0" SPAN

WATERWAY AREA = 108.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

6'-6" RISE

24'-1" SPAN

WATERWAY AREA = 128.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-4" RISE

24'-3" SPAN

WATERWAY AREA = 147.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

8'-2" RISE

24'-4" SPAN

WATERWAY AREA = 166.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

8'-11" RISE

24'-5" SPAN

WATERWAY AREA = 186.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

9'-9" RISE

24'-7" SPAN

WATERWAY AREA = 205.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

10'-6" RISE

WATERWAY AREA = 225.0 sf

24'-8" SPAN

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
CROWN REINFORCING RIB STIFFENER

6'-2" RISE

HAUNCH/SIDE RIB STIFFENER

25'-2" SPAN

WATERWAY AREA = 122.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
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2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-0" RISE

25'-2" SPAN

WATERWAY AREA = 142.0 sf
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

7'-9" RISE

25'-3" SPAN

WATERWAY AREA = 162.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.
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3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

WATERWAY AREA = 183.0 sf
NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.

CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

9'-5" RISE

25'-4" SPAN

WATERWAY AREA = 203.0 sf
CROWN REINFORCING RIB STIFFENER

HAUNCH/SIDE RIB STIFFENER

10'-2" RISE

25'-5" SPAN

WATERWAY AREA = 223.0 sf

NOTES:
1. DIMENSIONS ARE SHOWN TO THE INSIDE OF THE CORRUGATION CRESTS.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. PLATE LAYOUT WILL BE DETERMINED BY MANUFACTURER.
4. ALL REINFORCING PER MANUFACTURERS REQUIREMENTS.