



Floor (Bot): 472.798'  
Overall Height: 5.583'  
Slack: 0.83"

0 lb  
1286 lb  
3622 lb  
258 lb  
0 lb  
0 lb  
0 lb  
0 lb  
0 lb  
0 lb

| Position | Elev    | Angle | Pipe         | Pipe OD | Hole      | Connector               | Up ( _ ) | Ref |
|----------|---------|-------|--------------|---------|-----------|-------------------------|----------|-----|
| Rim      | 478.45' |       |              |         |           |                         |          |     |
| Reducer  |         |       |              |         |           |                         |          |     |
| Invert 1 | 473.46' | 0°    | 24" HP STORM | 28"     | 30"       | Hole 30                 | 0"       | P1  |
| Invert 2 | 475.57' | 90°   | 15" HP STORM | 17.7"   | 20" x 21" | DOGHOUSE INVRTD 20"x21" | 25.97"   | P1  |
| Invert 3 | 474.78' | 180°  | 24" HP STORM | 28"     | 32" x 31" | DOGHOUSE INVRTD 32"x31" | 15.84"   | P1  |
| Invert 4 | 474.46' | 305°  | 12" HP STORM | 14.5"   | 18"       | Hole 18                 | 12.8"    | P1  |
| Invert 5 |         |       |              |         |           |                         |          |     |
| Invert 6 |         |       |              |         |           |                         |          |     |
| Invert 7 |         |       |              |         |           |                         |          |     |
| Invert 8 |         |       |              |         |           |                         |          |     |

The schematic diagram illustrates a four-point bending test setup. A horizontal beam of total length 47 inches and height 6 inches is shown. It is supported at two points, labeled 1 and 3, which are positioned at 0° and 180° respectively. Two load points, labeled 2 and 4, are applied at 90° and 270° respectively. The distance between the load points is 25.97 inches, and the distance from each support point to its corresponding load point is 15.84 inches. The angle between the load points is 90 degrees. The beam is divided into four segments by vertical dashed lines at 0°, 90°, 180°, and 270°. The segments are labeled 1, 2, 3, and 4. The segment between the support and the first load point is labeled 1, the segment between the two load points is labeled 2, the segment between the second load point and the other support is labeled 3, and the segment beyond the last support is labeled 4. The label (P1) is placed near the first support point.

SUBMITTAL  
APPROVED BY: