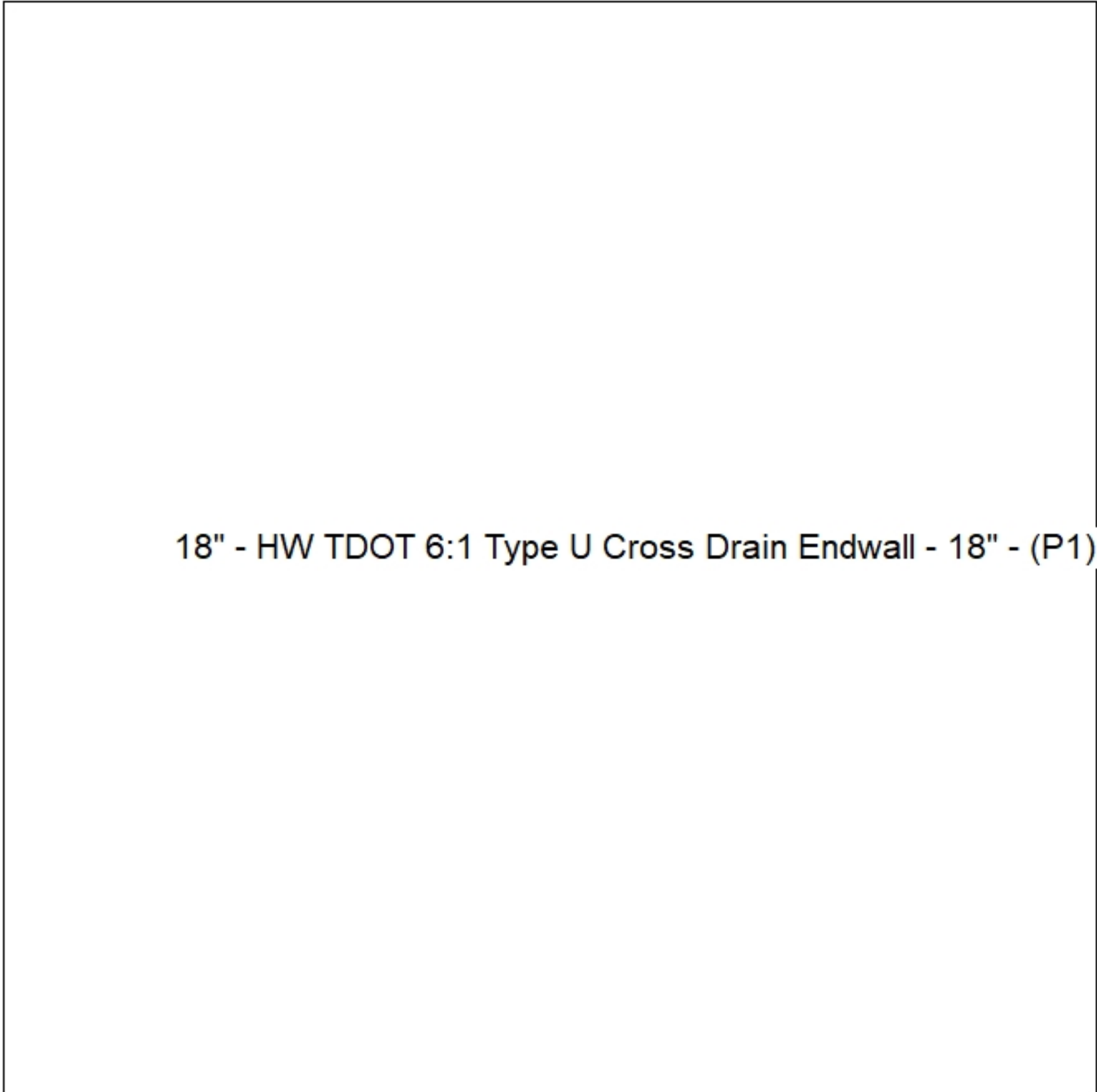


| <div>Job Name: 25-3062 Portland Bypass</div> <div>Job Location: Portland, TN</div> <div>Contractor: Scotty's Contracting &amp; Stone, LLC</div>                                                                                                                                                                                                                                         |      |       |      | <div>PC: C. Goff</div> <div>TECH: J. Coppage</div> <div>Plant: Beaver Dam</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |  |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------|--------|-----|----------------------------------------------|------|-------|------|---------|------|-----------|--------|-----|-----|----|--|--|--|--|--|--|--|---------|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|
| <div>Structure ID: EW-16 500+50.00</div> <div>Spec: HEADWALLS</div> <div>Type: HW TDOT TY. "U" Cross Drain EW (6to1)</div> <div>Size: 18"</div> <div>Rim: 0'</div> <div>Invert: 0'</div> <div>Rim to Invert: 0'</div> <div>Sump: 18"</div> <div>Floor (Top): -1.5'</div> <div>Floor Height: 0"</div> <div>Floor (Bot): -1.5'</div> <div>Overall Height: 1.5'</div> <div>Slack: 0"</div> |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| <div>Structure Notes:</div> <div></div>                                                                                                                                                                                                                                                                                                                                                 |      |       |      | <div>STRUCTURE SUMMARY:</div> <div>P1) 18" - HW TDOT 6:1 Type U Cross Drain Endwall - 18"</div> <div>Structure Total: 5990 lb</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| <div></div>                                                                                                                                                                                                                                                                                          |      |       |      | <table><tr><th>Position</th><th>Elev</th><th>Angle</th><th>Pipe</th><th>Pipe OD</th><th>Hole</th><th>Connector</th><th>Up ( )</th><th>Ref</th></tr><tr><td>Rim</td><td>0'</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Reducer</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |      |                                                                                    |        |     | Position                                     | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up ( ) | Ref | Rim | 0' |  |  |  |  |  |  |  | Reducer |  |  |  |  |  |  |  |  | Invert 1 |  |  |  |  |  |  |  |  | Invert 2 |  |  |  |  |  |  |  |  | Invert 3 |  |  |  |  |  |  |  |  | Invert 4 |  |  |  |  |  |  |  |  | Invert 5 |  |  |  |  |  |  |  |  | Invert 6 |  |  |  |  |  |  |  |  | Invert 7 |  |  |  |  |  |  |  |  | Invert 8 |  |  |  |  |  |  |  |  |  |  |
| Position                                                                                                                                                                                                                                                                                                                                                                                | Elev | Angle | Pipe | Pipe OD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Hole | Connector                                                                          | Up ( ) | Ref |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Rim                                                                                                                                                                                                                                                                                                                                                                                     | 0'   |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Reducer                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
| <div></div>                                                                                                                                                                                                                                                                                          |      |       |      | <div>Default - Interior Dimensions</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                                                                    |        |     |                                              |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      | <div>Submittal Drawing</div> <div>6/4/2026 2:22:41 PM</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                    |        |     | <div>SUBMITTAL</div> <div>APPROVED BY:</div> |      |       |      |         |      |           |        |     |     |    |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |