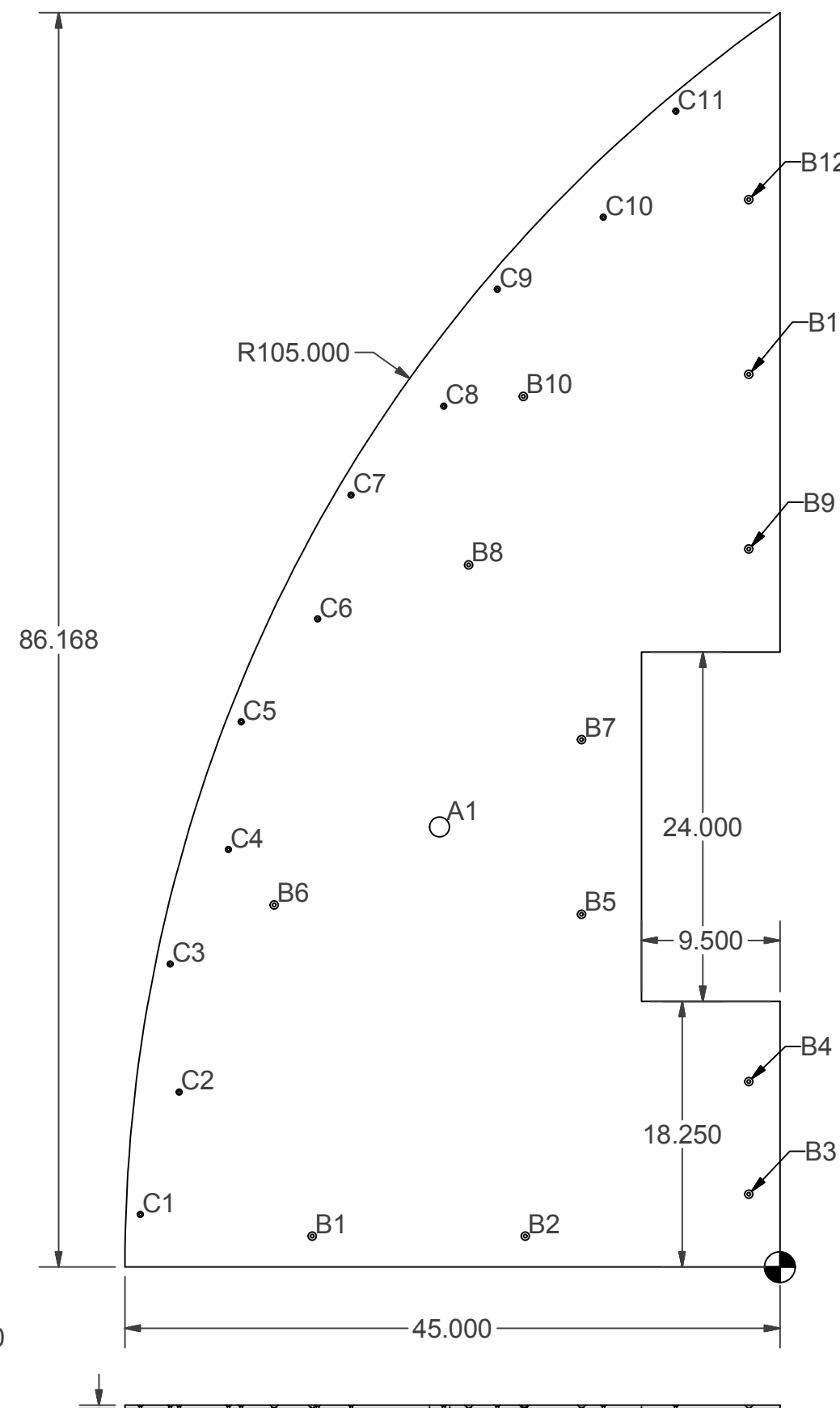
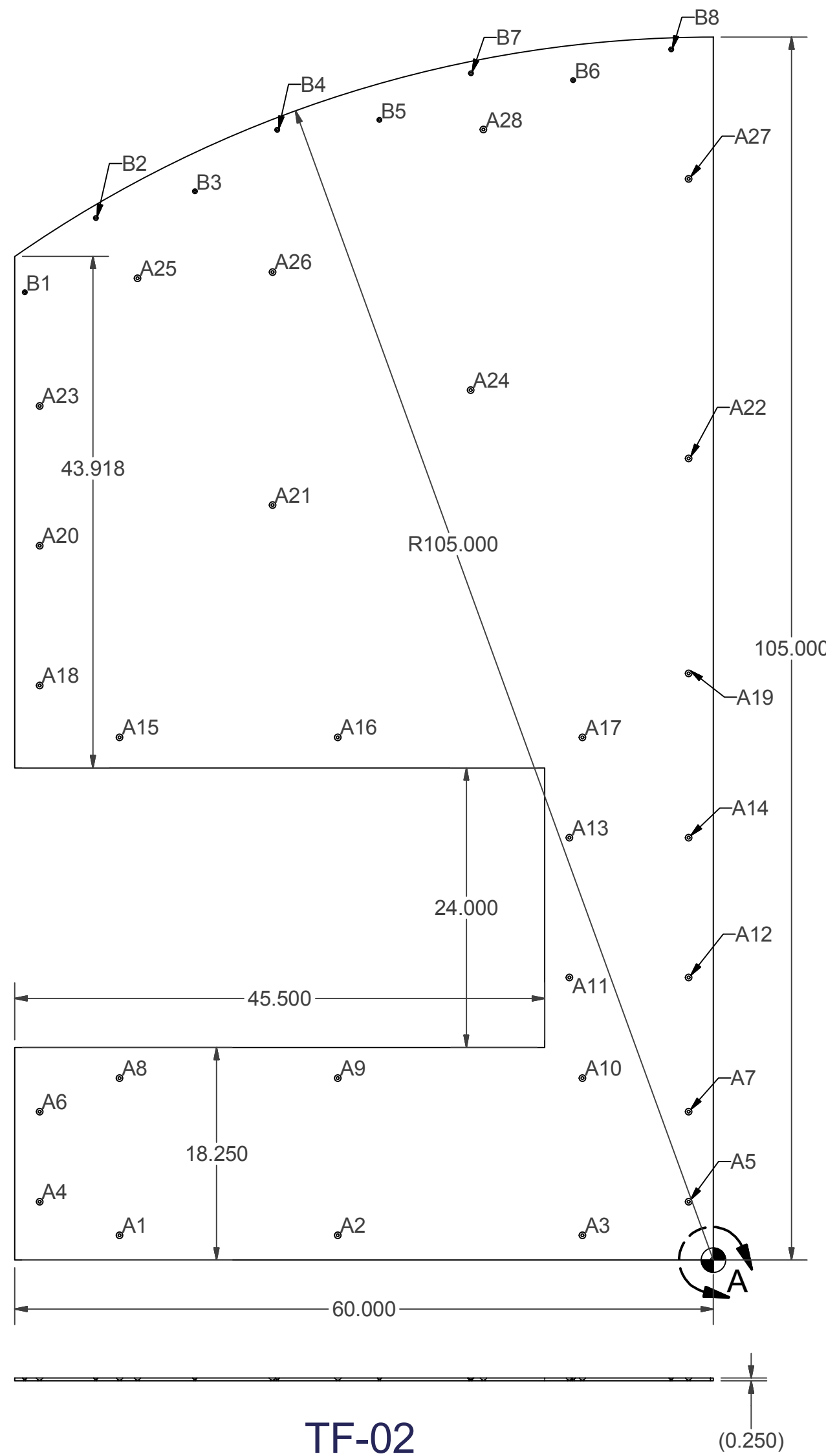


| Hole Table | | | | Hole Table | | | |
|------------|---------|--------|---------------------------------|------------|---------|---------|---------------------------------|
| HOLE | XDIM | YDIM | DESCRIPTION | HOLE | XDIM | YDIM | DESCRIPTION |
| A1 | -51.000 | 2.125 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B1 | -59.151 | 83.097 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| A2 | -32.250 | 2.125 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B2 | -53.044 | 89.456 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| A3 | -11.250 | 2.125 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B3 | -44.536 | 91.764 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| A4 | -57.875 | 5.000 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B4 | -37.458 | 97.020 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| A5 | -2.125 | 5.000 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B5 | -28.685 | 97.883 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| A6 | -57.875 | 12.750 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B6 | -12.038 | 101.287 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| A7 | -2.125 | 12.750 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B7 | -20.833 | 101.892 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| A8 | -51.000 | 15.625 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B8 | -3.630 | 103.937 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| A9 | -32.250 | 15.625 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A10 | -11.250 | 15.625 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A11 | -12.375 | 24.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A12 | -2.125 | 24.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A13 | -12.375 | 36.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A14 | -2.125 | 36.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A15 | -51.000 | 44.875 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A16 | -32.250 | 44.875 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A17 | -11.250 | 44.875 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A18 | -57.875 | 49.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A19 | -2.125 | 50.375 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A20 | -57.875 | 61.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A21 | -37.875 | 64.822 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A22 | -2.125 | 68.822 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A23 | -57.875 | 73.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A24 | -20.851 | 74.676 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A25 | -49.461 | 84.287 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A26 | -37.875 | 84.822 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A27 | -2.125 | 92.822 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |
| A28 | -19.745 | 97.049 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | | | | |

| Hole Table | | | | Hole Table | | | |
|------------|---------|--------|---------------------------------|------------|---------|--------|---------------------------------|
| HOLE | XDIM | YDIM | DESCRIPTION | HOLE | XDIM | YDIM | DESCRIPTION |
| A1 | -23.375 | 30.250 | ∅1.375 THRU | B1 | -32.125 | 2.125 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B1 | -32.125 | 2.125 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B2 | -17.500 | 2.125 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B2 | -17.500 | 2.125 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B3 | -2.125 | 5.000 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B3 | -2.125 | 5.000 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B4 | -2.125 | 12.750 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B4 | -2.125 | 12.750 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B5 | -13.625 | 24.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B5 | -13.625 | 24.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B6 | -34.750 | 24.875 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B6 | -34.750 | 24.875 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B7 | -13.625 | 36.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B7 | -13.625 | 36.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B8 | -21.375 | 48.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B8 | -21.375 | 48.250 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B9 | -2.125 | 49.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B9 | -2.125 | 49.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B10 | -17.625 | 59.822 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B10 | -17.625 | 59.822 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B11 | -2.125 | 61.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B11 | -2.125 | 61.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | B12 | -2.125 | 73.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° |
| B12 | -2.125 | 73.322 | ∅0.266 THRU ✓ ∅0.563 X 82.0° | C1 | -43.937 | 3.630 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C1 | -43.937 | 3.630 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C2 | -41.287 | 12.038 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C2 | -41.287 | 12.038 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C3 | -41.892 | 20.833 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C3 | -41.892 | 20.833 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C4 | -37.883 | 28.685 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C4 | -37.883 | 28.685 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C5 | -37.020 | 37.458 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C5 | -37.020 | 37.458 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C6 | -31.764 | 44.536 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C6 | -31.764 | 44.536 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C7 | -29.456 | 53.044 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C7 | -29.456 | 53.044 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C8 | -23.097 | 59.151 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C8 | -23.097 | 59.151 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C9 | -19.409 | 67.158 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C9 | -19.409 | 67.158 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C10 | -12.125 | 72.125 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C10 | -12.125 | 72.125 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | C11 | -7.158 | 79.409 | ∅0.173 THRU ✓ ∅0.375 X 82.0° |
| C11 | -7.158 | 79.409 | ∅0.173 THRU ✓ ∅0.375 X 82.0° | | | | |

DETAIL A
SCALE 3 / 8



- NOTES:
 - CUT PROFILE AND THROUGH HOLES WITH WATERJET
 - COUNTERSINK HOLES WITH PORTABLE DRILL PRESS AT LFST
 - TF-01 AND TF-04 COME FROM THE SAME WATERJET PROFILE
 - TF-02 AND TF-05 COME FROM THE SAME WATERJET PROFILE

| GENERAL TOLERANCES | |
|--------------------|--------------|
| DECIMAL | ANGULAR |
| X.X" ± 0.5" | XX° ± 1° |
| X.XX" ± 0.05" | XX.X' ± 0.1' |
| X.XXX" ± 0.005" | WELDMENTS |
| X.XXXX" ± 0.0005" | ± 1/16" |

| | |
|--|--|
| DRAWN JASON MOORE 8/5/2005 | OLD DOMINION UNIVERSITY LANGLEY FULL SCALE TUNNEL |
| ENG. APPROVED BY DREW LANDMAN 1/6/2005 | TITLE BALANCE FLOOR PANELS |
| LAST UPDATED BY JASON MOORE 8/16/2005 | SIZE C |
| | DWG NO TF-00 |
| | REV |
| SCALE 3:32 | SHEET 1 OF 3 |

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