

| https://fabricatorguide.com 50" x 50" | | | | | | | | | |
|---------------------------------------|------------------------------------|--------------|--------------|--------------|-------------|-------------|--------------------|-------------|----------|
| Center line | PIPE LATERAL BRANCH AND TEE BRANCH | | | | | | ELBOW DUMMY 90° LR | | |
| | LAT-ERAL 60° | LAT-ERAL 45° | LAT-ERAL 30° | CONC TEE 90° | ECC TEE 45° | ECC TEE 90° | CENTER TO CENTER | Bottom SIDE | TOP SIDE |
| 1 | 20 | 28 | 44 | 11 | | | 20 | | |
| 2 | 81 | 114 | 176 | 46 | | | 83 | | |
| 3 | 180 | 251 | 389 | 103 | | | 189 | | |
| 4 | 313 | 436 | 676 | 179 | | | 341 | | |
| 5 | 473 | 660 | 1022 | 270 | | | 543 | | |
| 6 | 652 | 912 | 1412 | 371 | | | 806 | | |
| 7 | 834 | 1169 | 1814 | 471 | | | 1144 | | |
| 8 | 968 | 1368 | 2134 | 525 | | | 1539 | | |
| 9 | 975 | 1413 | 2236 | 471 | | | 1779 | | |
| 10 | 928 | 1390 | 2241 | 371 | | | 1873 | | |
| 11 | 874 | 1355 | 2226 | 270 | | | 1918 | | |
| 12 | 823 | 1321 | 2208 | 179 | | | 1943 | | |
| 13 | 781 | 1292 | 2191 | 103 | | | 1958 | | |
| 14 | 748 | 1269 | 2178 | 46 | | | 1968 | | |
| 15 | 729 | 1255 | 2169 | 11 | | | 1973 | | |
| 16 | 722 | 1251 | 2166 | 0 | | | 1974 | | |
| 17 | 729 | 1255 | 2169 | 11 | | | 1973 | | |
| 18 | 748 | 1269 | 2178 | 46 | | | 1968 | | |
| 19 | 781 | 1292 | 2191 | 103 | | | 1958 | | |
| 20 | 823 | 1321 | 2208 | 179 | | | 1943 | | |
| 21 | 874 | 1355 | 2226 | 270 | | | 1918 | | |
| 22 | 928 | 1390 | 2241 | 371 | | | 1873 | | |
| 23 | 975 | 1413 | 2236 | 471 | | | 1779 | | |
| 24 | 968 | 1368 | 2134 | 525 | | | 1539 | | |
| 25 | 834 | 1169 | 1814 | 471 | | | 1144 | | |
| 26 | 652 | 912 | 1412 | 371 | | | 806 | | |
| 27 | 473 | 660 | 1022 | 270 | | | 543 | | |
| 28 | 313 | 436 | 676 | 179 | | | 341 | | |
| 29 | 180 | 251 | 389 | 103 | | | 189 | | |
| 30 | 81 | 114 | 176 | 46 | | | 83 | | |
| 31 | 20 | 28 | 44 | 11 | | | 20 | | |
| 32 | 0 | 0 | 0 | 0 | | | 0 | | |

| https://fabricatorguide.com 50" x 52" | | | | | | | | | |
|---------------------------------------|------------------------------------|--------------|--------------|--------------|-------------|-------------|--------------------|-------------|----------|
| Center line | PIPE LATERAL BRANCH AND TEE BRANCH | | | | | | ELBOW DUMMY 90° LR | | |
| | LAT-ERAL 60° | LAT-ERAL 45° | LAT-ERAL 30° | CONC TEE 90° | ECC TEE 45° | ECC TEE 90° | CENTER TO CENTER | Bottom SIDE | TOP SIDE |
| 1 | 20 | 28 | 43 | 11 | 36 | 17 | 20 | 26 | 26 |
| 2 | 79 | 111 | 172 | 45 | 271 | 56 | 82 | 94 | 0 |
| 3 | 175 | 245 | 380 | 98 | 463 | 117 | 186 | 205 | 15 |
| 4 | 302 | 423 | 657 | 170 | 696 | 198 | 333 | 363 | 70 |
| 5 | 453 | 636 | 988 | 253 | 961 | 295 | 525 | 572 | 167 |
| 6 | 616 | 868 | 1350 | 340 | 1247 | 406 | 763 | 842 | 304 |
| 7 | 771 | 1091 | 1703 | 416 | 1247 | 526 | 1043 | 1189 | 483 |
| 8 | 879 | 1259 | 1980 | 448 | 1537 | 651 | 1326 | 1592 | 699 |
| 9 | 911 | 1335 | 2126 | 416 | 1491 | 526 | 1539 | 1828 | 943 |
| 10 | 892 | 1346 | 2179 | 340 | 1439 | 406 | 1664 | 1904 | 1185 |
| 11 | 854 | 1331 | 2192 | 253 | 1391 | 295 | 1737 | 1926 | 1382 |
| 12 | 812 | 1308 | 2189 | 170 | 1348 | 198 | 1781 | 1924 | 1519 |
| 13 | 775 | 1285 | 2181 | 98 | 1311 | 117 | 1809 | 1912 | 1612 |
| 14 | 746 | 1267 | 2174 | 45 | 1283 | 56 | 1826 | 1893 | 1680 |
| 15 | 728 | 1255 | 2168 | 11 | 1262 | 17 | 1836 | 1869 | 1732 |
| 16 | 722 | 1251 | 2166 | 0 | 1251 | 0 | 1839 | 1841 | 1774 |
| 17 | 728 | 1255 | 2168 | 11 | 1249 | 7 | 1836 | 1810 | 1810 |
| 18 | 746 | 1267 | 2174 | 45 | 1254 | 36 | 1826 | 1774 | 1841 |
| 19 | 775 | 1285 | 2181 | 98 | 1266 | 85 | 1809 | 1732 | 1869 |
| 20 | 812 | 1308 | 2189 | 170 | 1281 | 151 | 1781 | 1680 | 1893 |
| 21 | 854 | 1331 | 2192 | 253 | 1295 | 228 | 1737 | 1612 | 1912 |
| 22 | 892 | 1346 | 2179 | 340 | 1298 | 306 | 1664 | 1519 | 1924 |
| 23 | 911 | 1335 | 2126 | 416 | 1273 | 372 | 1539 | 1382 | 1926 |
| 24 | 879 | 1259 | 1980 | 448 | 1189 | 398 | 1326 | 1185 | 1904 |
| 25 | 771 | 1091 | 1703 | 416 | 1029 | 372 | 1043 | 943 | 1828 |
| 26 | 616 | 868 | 1350 | 340 | 820 | 306 | 763 | 699 | 1592 |
| 27 | 453 | 636 | 988 | 253 | 600 | 228 | 525 | 483 | 1190 |
| 28 | 302 | 423 | 657 | 170 | 396 | 151 | 333 | 304 | 842 |
| 29 | 175 | 245 | 380 | 98 | 226 | 85 | 186 | 167 | 572 |
| 30 | 79 | 111 | 172 | 45 | 98 | 36 | 82 | 70 | 363 |
| 31 | 20 | 28 | 43 | 11 | 22 | 7 | 20 | 15 | 205 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 |