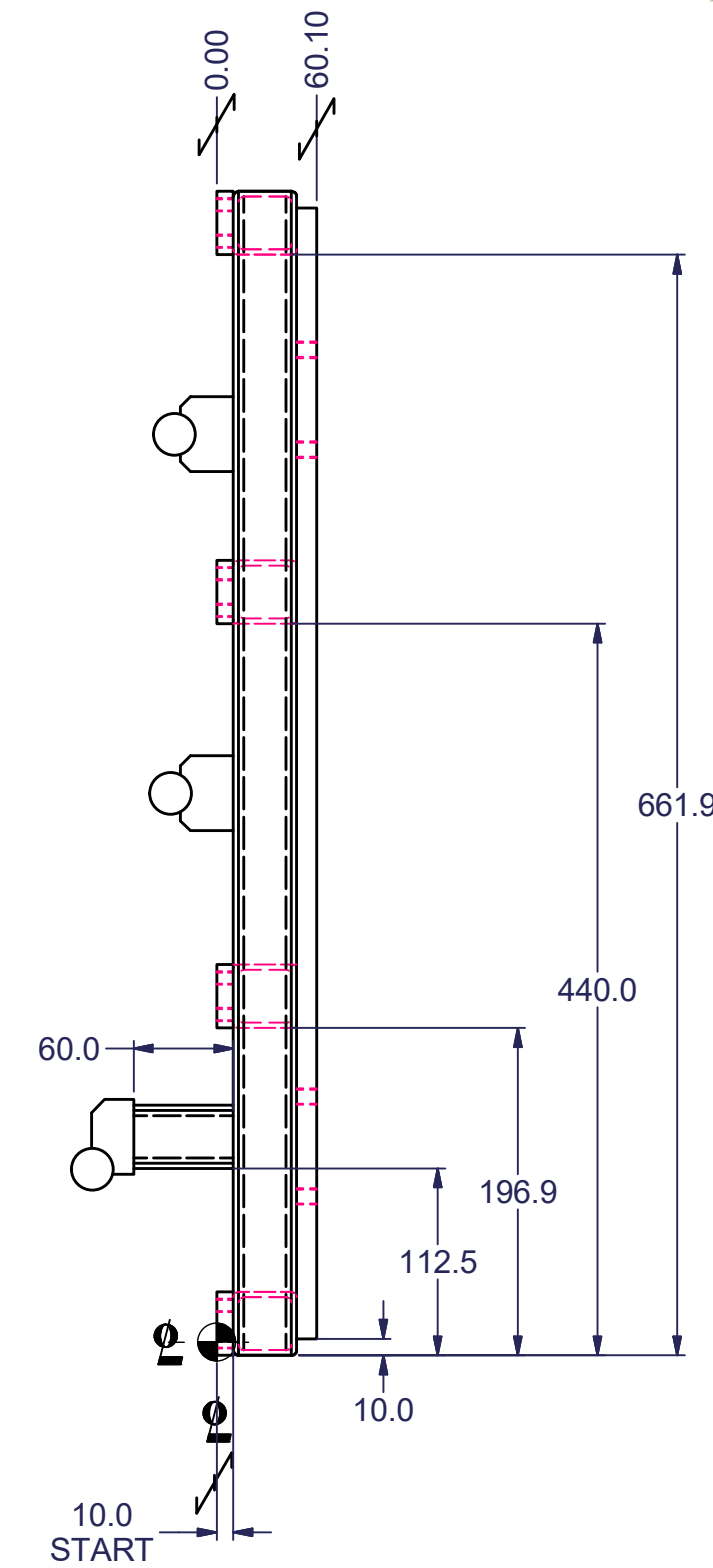
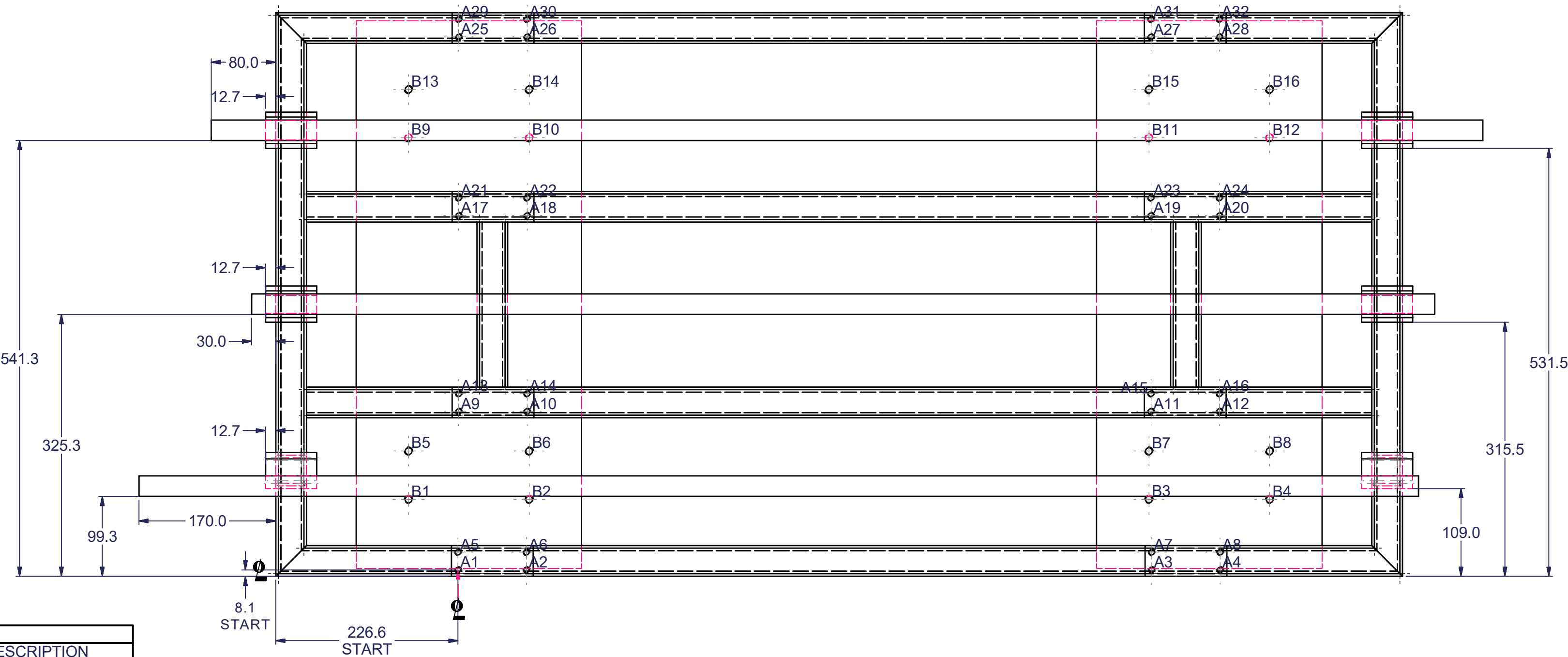
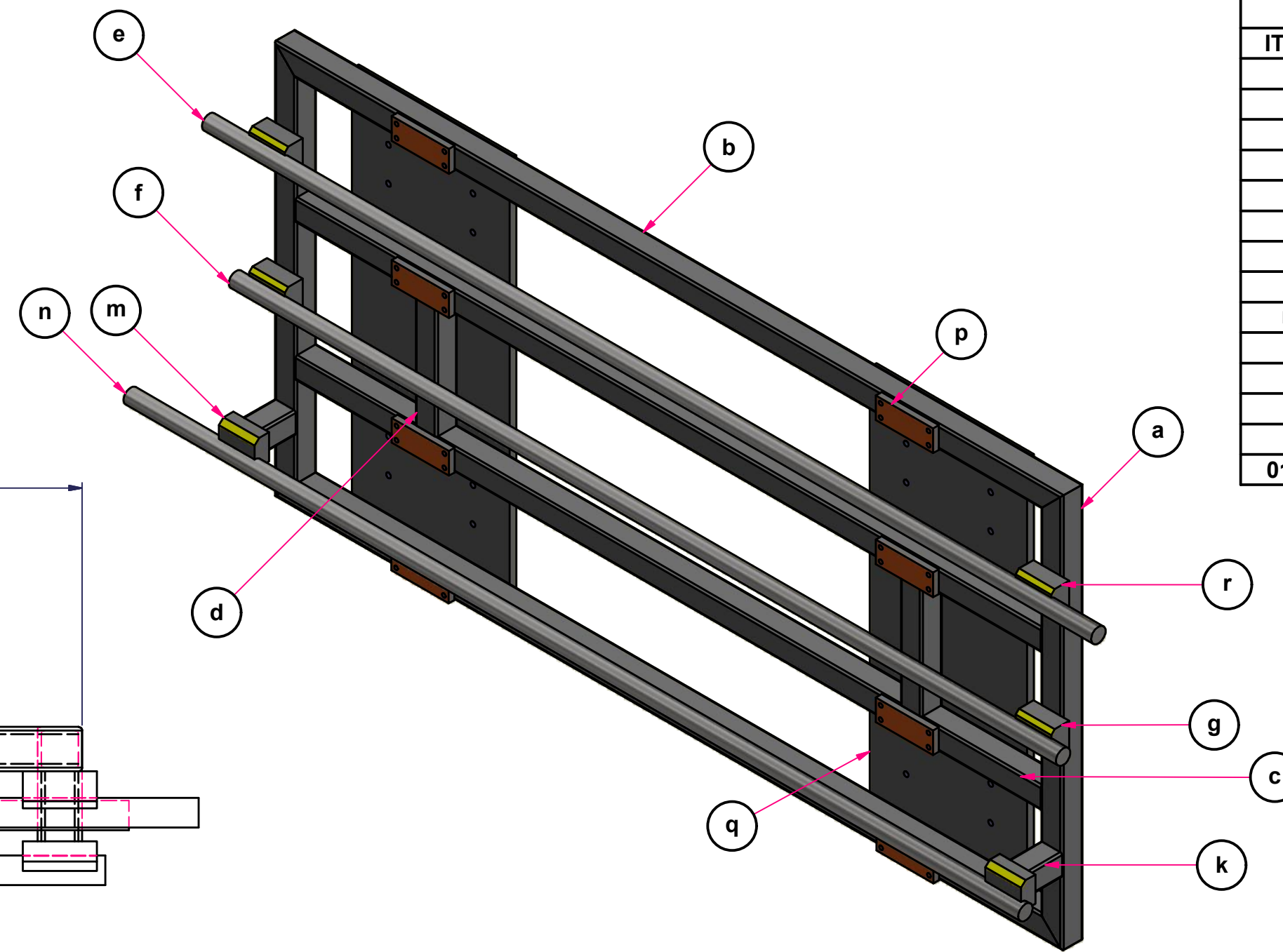


Technical drawing of a bridge structure, showing a side elevation. The drawing includes dimensions and labels:

- Overall length: 1400.0
- Distance from left end to first support: 1111.9
- Distance from left end to second support: 1020.0
- Distance from left end to third support: 250.0
- Distance from left end to fourth support: 100.0
- Labels: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812



Hole Table			DESCRIPTION
HOLE	XDIM	YDIM	
B1	-61.550	87.600	M10x1.5 - TAP - THRU HOLES FAR SIDE
B2	88.450	87.600	
B3	858.450	87.600	
B4	1008.450	87.600	
B5	-61.550	147.600	
B6	88.450	147.600	
B7	858.450	147.600	
B8	1008.450	147.600	
B9	-61.550	536.600	
B10	88.450	536.600	
B11	858.450	536.600	
B12	1008.450	536.600	
B13	-61.550	596.600	
B14	88.450	596.600	
B15	858.450	596.600	
B16	1008.450	596.600	

COSMA INNOVATIVE MANUFACTURING SOLUTIONS			
REV	CHANGE	CHK'D	DATE

THIS DRAWING MAY USE BOTH INCH AND METRIC
UNITS OF MEASUREMENT
("INDICATES INCH DIMENSIONS")

**MAXIMUM ALLOWANCE ROUGHNESS OF ALL
METRIC**

1 PLACE mm FINISH DIMENSIONS TO BE 3.2 MICRONS
2 PLACE mm FINISH DIMENSIONS TO BE 1.6 MICRONS
3 PLACE mm FINISH DIMENSIONS TO BE 0.8 MICRONS
ALL GROUND SURFACES TO BE 0.4 MICRONS

METRIC - EXCEPT AS NOTED TOOLERANCES SHALL BE:

1 PLACE MACHINING 0.3
2 PLACE FRACTION 1/16

0.03 BETWEEN UNMACHINED SURFACES
0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
0.03 BETWEEN DOWELS IN THE SAME PLANE
0.03 BETWEEN DOWELS WITH DIFFERENT DIAMETERS
0.01 TO SCREW HOLES, NON ACCUMULATIVE

**ALL 0 SURFACES MUST BE FINISHED EXCEPT FOR COLD
DRAWN SURFACES.**

**ALL EDGES OF PART CONTACT SURFACES ON LOCATING
BLOCKS AND FINGERS TO HAVE .12K INCH / 3.00 mm
AFTER SPOTTING.**

**MARK IDENTIFICATION AND MATERIAL NUMBERS ON DETAILS.
PAINT IDENTIFICATION NUMBERS ON STRUCTURAL WORK.**

CRITICAL FEATURES ARE MARKED WITH **

WELDMENTS.

ALL WELD FILLETS TO BE 1/4 INCH
ALL "Y" GROOVES TO BE 1/8 INCH AS SHOWN
ADD VENT HOOKS IN ALL WELDMENTS WHERE TRAPPED
AIR IS POSSIBLY, LEAKAGE OR CRACKS AT BOTH ENDS,
BOXED FORMS ETC. SPOTFACE SCREW AND / OR BOLT
HEADS WHEN CLEARANCE FOR SCREW AND / OR BOLT
HEADS, OR OR WASHERS IS REQUIRED UNDER WELD BEADS.

**FOR BASES APPLY CONTINUOUS
WELDING AROUND OUTER SIDE. FOR SUPPORTS APPLY
CONTINUOUS WELDING. ELIMINATE SCRAP AFTER WELDING.
CONTINUOUS CONSTRUCTION TO BE STRESS RELIEVED BY
NORMALIZED. WELDMENT CONSTRUCTION MUST BE MILLING
AND TURNING AFTER WELDING. MILLING AND TURNING TO
MICRO WELD 0.4mm. WIRE DIAMETER BREAK SHARP EDGES**

UNIT No.:	UNIT NUMBER
WEIGHT (KG):	N/A

COTO: 202202

- ☐ MOVIL PART RAL
- ☒ FIXED PART RAL
- ☐ BLACK OXIDE
- ☐ WITH OUT PAINT
- ☐ POKA YOKE PAINT

THIS MATERIAL IS PROPERTY
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INTERNATIONAL NO RIGHTS
ARE GRANTED TO USE SUCH
MATERIAL FOR ANY PURPOSE
OTHER THAN FURNISHING OF
SERVICES AND SUPPLIES

DESIGN SOURCE	BUILD SOURCE	CUSTOMER
 MAGNA	 MAGNA	FORMEX

DESIGNER K. MAR	DETAILER K. MAR			3RD ANGLE PROJECTION	

PROJECT MGR. A. RANGEL	DESIGN SUP. E. TORRES	CHECKER E. TORRES
SYSTEM NAME RRC		

DESCRIPTION
BEV3

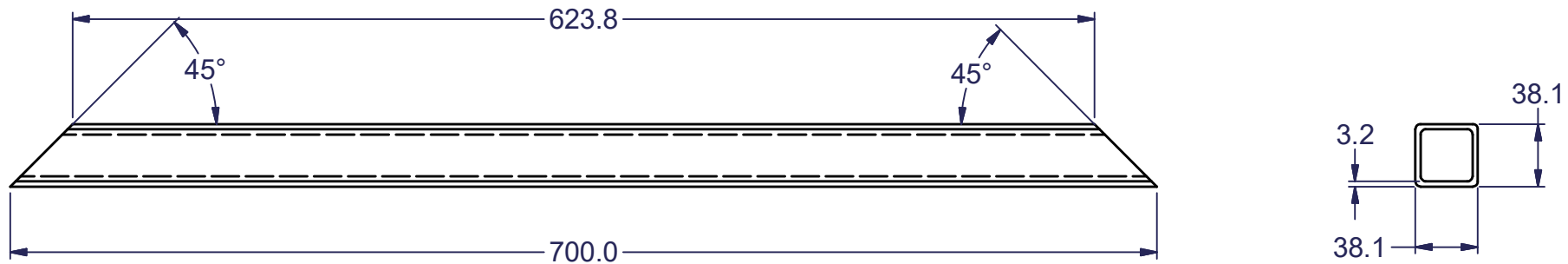
SCALE NONE	SHEET 1 OF 2	RELEASE DATE 3/1/2018
NO.	SHOWN	

DRAWING TITLE	BEV3_RRC_ST018_Y-U01-0155-BSWCFW
	OPPOSITE

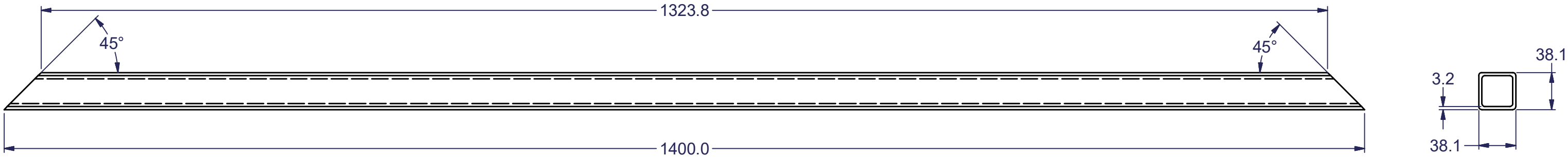
ONLY FOR MANUFACTURING	
PROCESS	\$
CUT	
WELDING	
STRESS RELIEVED	
MACHINING	
PAINT	

[illegible]

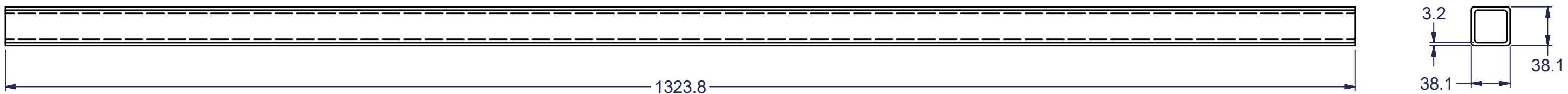
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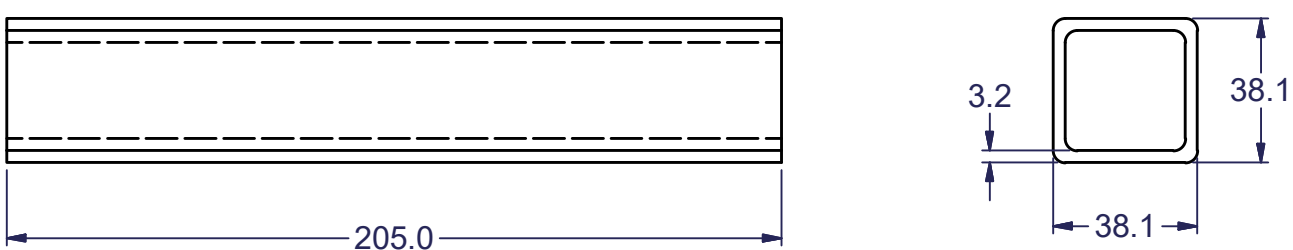
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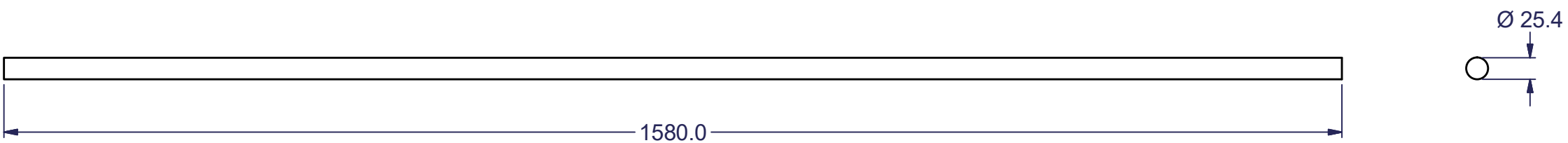
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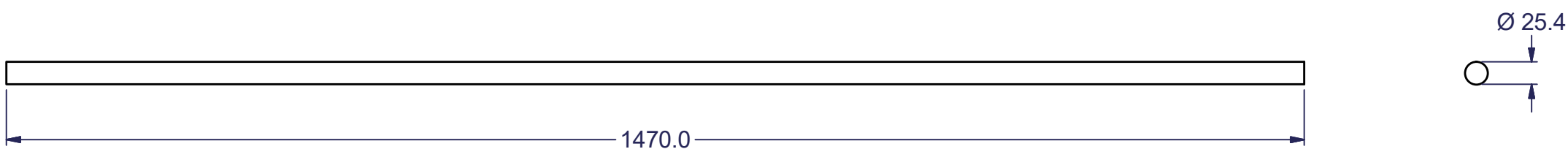
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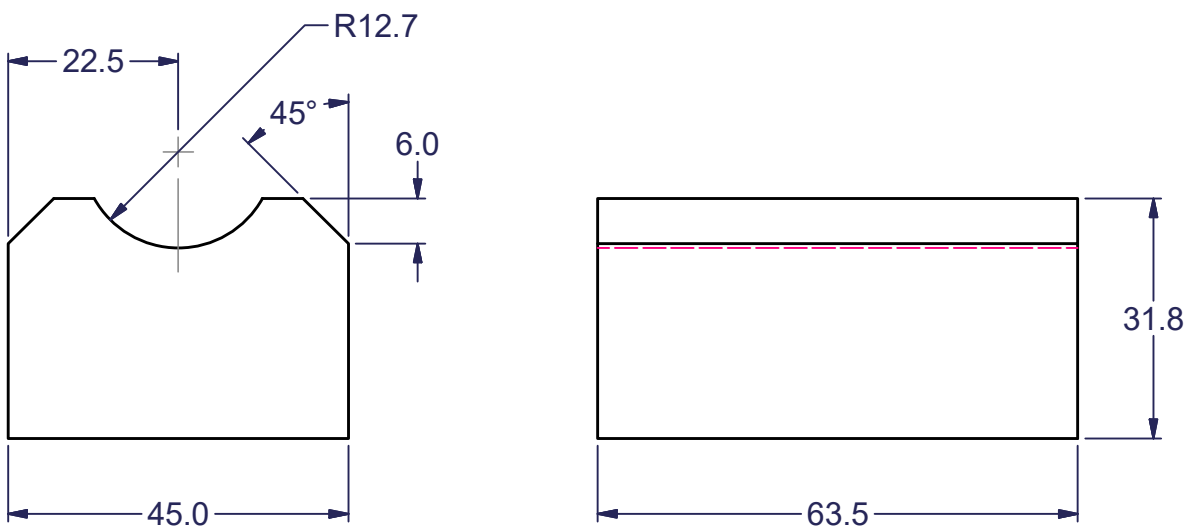
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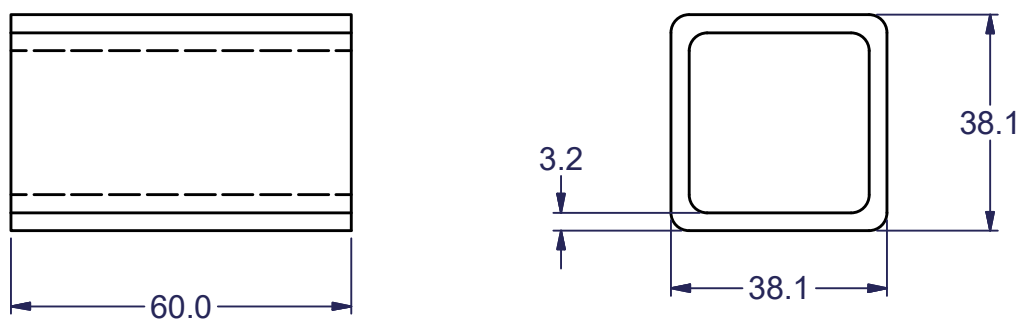
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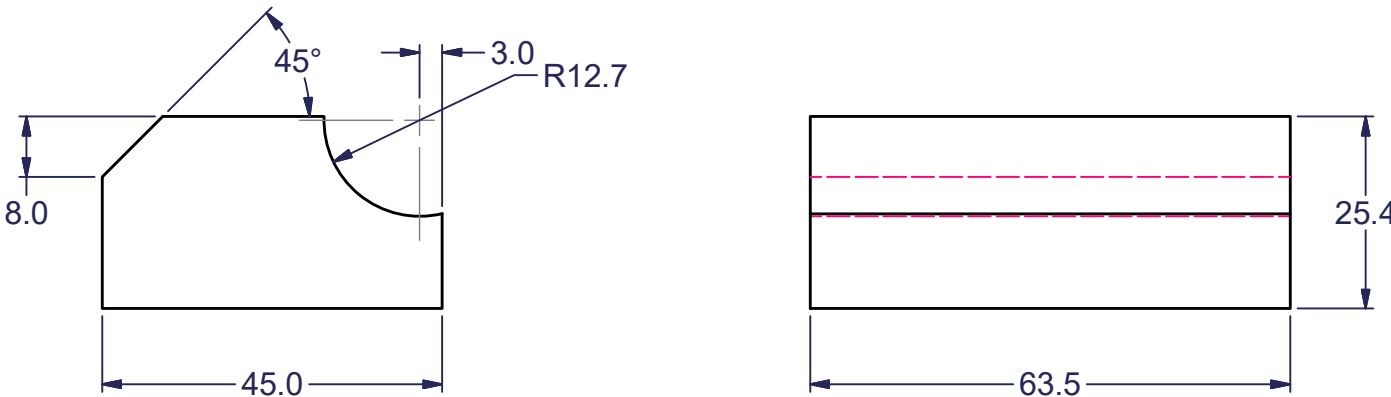
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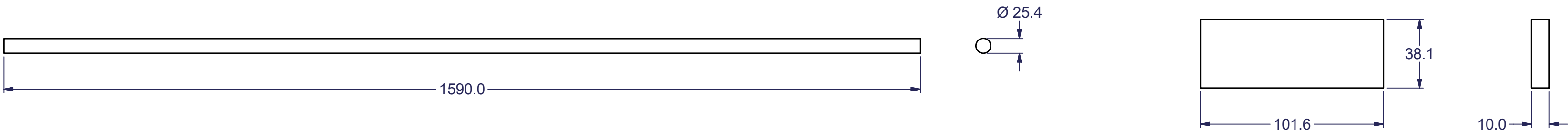
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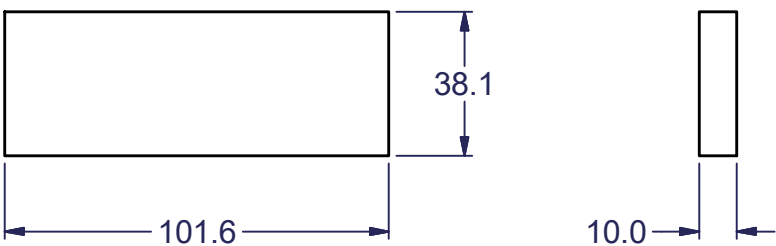
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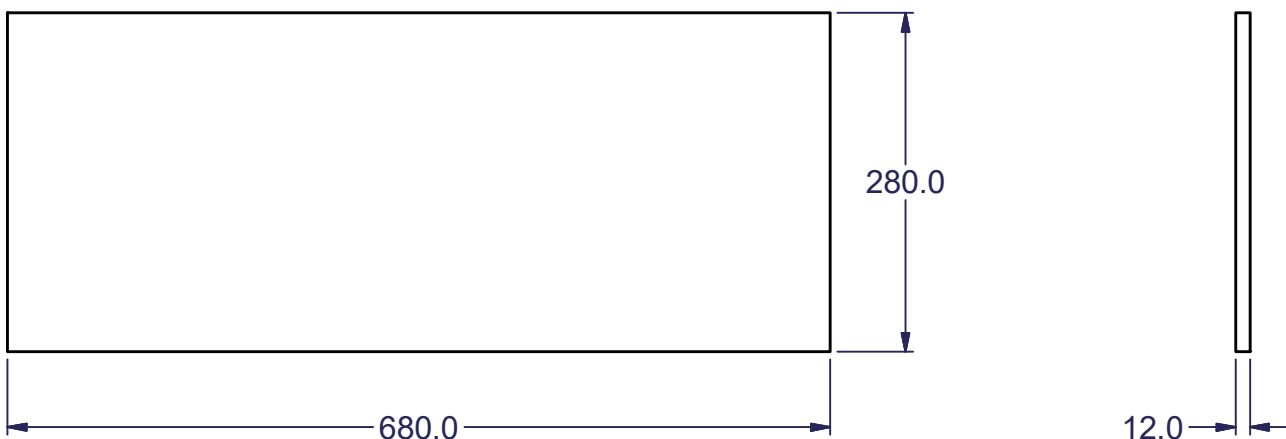
ITEM "n"



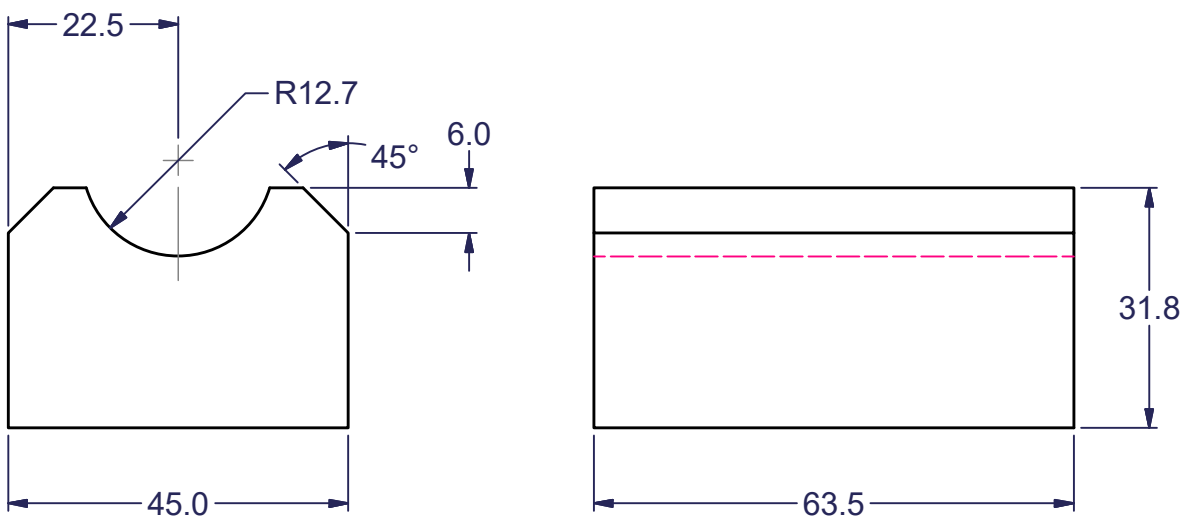
ITEM "p"



ITEM "q"






ITEM "n"



COSMA INNOVATIVE MANUFACTURING SOLUTIONS			
REV	CHANGE	CHK'D	DATE

THIS DRAWING MAY USE BOTH INCH AND METRIC UNITS OF MEASUREMENT
(*INDICATES INCH DIMENSIONS)
MAXIMUM ALLOWANCE ROUGHNESS OF ALL METRIC:
1 PLACE mm FINISH DIMENSIONS TO BE 3.2 MICRONS
2 PLACE mm FINISH DIMENSIONS TO BE 1.6 MICRONS
3 PLACE mm FINISH DIMENSIONS TO BE 0.5 MICRONS
ALL GROUND SURFACES TO BE 0.4 MICRONS.
METRIC - EXCEPT AS NOTED TOLERANCES SHALL BE:
1 PLACE MACHINING : 0.3
1 PLACE FABRICATION : 1.5
2 PLACE : 0.08 BETWEEN MACHINED SURFACES
0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
0.03 BETWEEN DOWELS IN THE SAME PLANE
0.10 BETWEEN DOWELS IN DIFFERENT PLANES
0.13 TO SCREW HOLES, NON ACCUMULATIVE
ALL O SURFACES MUST BE FINISHED EXCEPT FOR COLD DRAWN SURFACES.
ALL EDGES OF PART CONTACT SURFACES ON LOCATING BLOCKS AND FINGERS TO HAVE .12R INCH / 3.00 mm AFTER SPOTTING.
MARK IDENTIFICATION AND MATERIAL NUMBERS ON DETAILS. PAINT IDENTIFICATION NUMBERS ON STRUCTURAL WORK.
CRITICAL FEATURES ARE MARKED WITH ""**"

UNIT No.:		UNIT NUMBER			
WEIGHT (KG):		2.30 kg			
COTO: 202202					
<input type="checkbox"/> MOVIL PART RAL <input type="checkbox"/> FIXED PART RAL <input type="checkbox"/> BLACK OXIDE <input type="checkbox"/> WITH OUT PAINT <input type="checkbox"/> POKA YOKE PAINT		THIS MATERIAL IS PROPERTY OF MAGNA COSMA INTERNATIONAL NO RIGHTS ARE GRANTED TO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN FURNISHING OF SERVICES AND SUPPLIES			
DESIGN SOURCE				BUILD SOURCE	
 MAGNA				 MAGNA	
				FORMEX	
DESIGNER K. MAR		DETAILER K. MAR		 3RD ANGLE PROJECTION	
PROJECT MGR. A. RANGEL		DESIGN SUP. E. TORRES			
SYSTEM NAME RRC		CHECKER E. TORRES			
DESCRIPTION BEV3					
SCALE NONE		SHEET 2 OF 2		RELEASE DATE 3/1/2018	
DRAWING No. BEV3_RRC_ST018_Y-U01-0155-BSWCFW-a					
OPPOSITE					