



NOTES:
 NO SHARP EDGES, DULLED TO MINIMUM (1/128)"
 REBAR SIZE=60[KSI], GALVZINIZED ASTM A123 G100
 BOLTS/NUTS=WASHERS GRADE 8, GALVZINIZED
 TOLERANCE INSIDE OF BEAM-ARRY (ZONE) IS (+/-)0.2[IN]
 TOLERANCE OUTSIDE OF BEAM-ARRY (ZONE) IS (+/-)0.20[IN]
 BUILD-DEPENDENT
 VERTICAL SUPPORT REBAR ALLOWS LESS THAN 1[IN] DEFLECTION
 DUE TO LARGE PULL-OUT FORCE
 REBAR DISTANCE TO TIE/ARM/S IS CRITICAL
 UPPER WIRE MUST BE ABOVE 6[IN] BELOW Y=0 MAY BE INSTALLED
 0.25[IN] WIRE WITH 8[IN] SQUARE/S
 APPROX:
 #14 REBAR WEIGHT W/O GALVZINIZATION 17,802.250[LB/F]
 #3 AND #4 REBAR WEIGHT W/O GALVZINIZATION 11,760[LB/F]

| EXAMPLE | AMBIENT | TEMPERATURE | UNLESS OTHERWISE SPECIFIED: | NAME | DATE |
|--|---------|-------------|--|--|------|
| (F) | (°C) | (°F) | TOLERANCES: DIMENSIONS TAKEN AT 59°F (DIMENSIONS TAKEN AT 15°C) | DRAWN | |
| 10.00 | 7.22 | -1.83 | ANGULAR: 0.3(DIG) | CHECKED | |
| 59.00 | 15.00 | 0.00 | TWO PLACE DECIMAL: ±0.05(IN) THREE PLACE DECIMAL: ±0.005(IN) | ENG APPR: | |
| 86.00 | 30.00 | 3.44 | VERIFICATION OF COMPONENTS MUST BE PERFORMED WITH TEMPERATURE CORRECTION | MFG APPR: | |
| LET DIM = 47.125(IN) [1604.16] - 0.0717(IN) [0.1824(mm)] | | | VERIFICATION OF COMPONENTS MUST BE PERFORMED WITH TEMPERATURE CORRECTION | Q.A. | |
| NOTE: THE DIMENSION OF THE PART IS 47.125 ± 0.0167 AT 47.125(IN) | | | TOLERANCING PER: ASME Y14.5 | GAUGES: DRAWINGS ARE AT 59°F (15°C). REFER TO MATERIAL SUPPLIER FOR THERMAL EXPANSION COEFFICIENT (CTE) | |
| GAULNOC: PROTECTION REQUIRED ALUMINUM TYPE 1 PREFERRED MATERIAL MUST BE ACCEPTED FOR THERMAL SPRAY AS APPLIED ASSEMBLED | | | PARALLEL MAXES MAX.002(IN) PERPENDICULAR MAX.001(IN) FINISH: AS REQUIRED | (DLENG) = (DIM) * (CTE) / (TEMP - 59) (DLENG) = (DIM) * (CTE) / (TEMP - 15) *****DLENG DO NOT CHANGE | |

CREO DESIGNS, ENG DPT
TITLE: GLORIOUS CROSS
REBAR ASSEMBLY 1
SIZE DWG. NO.
D B - 011
SCALE: 1:384 SHEET 1 OF 1