

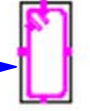
PROPOSAL FOR ARCHICAD REINFORCEMENT PALETTE - 2D DETAILING

REINFORCEMENT PALETTE

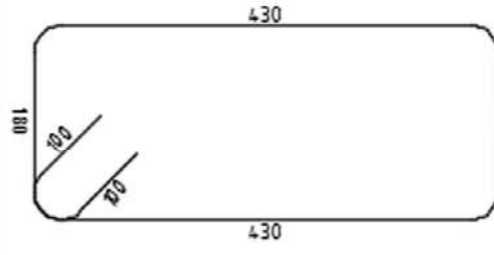
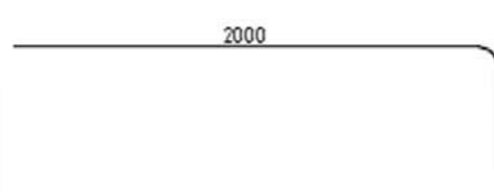
BAR BENDING SCHEDULE (AUTOMATIC CALCULATIONS)

SELECT GRAPHICS DISPLAY (LINES / BARS)
 DRAW REBAR (CHOOSE DIAMETER, BENDING RADIUS, FILL COLORS)
 TRANSFORM POLYLINE TO REBAR
 DRAW STIRRUP (CHOOSE DIAMETER, BENDING RADIUS, FILL COLORS, ANCHOR LENGTH)
 DRAW CROSSTIE (CHOOSE DIAMETER, BENDING RADIUS, FILL COLORS, ANCHOR LENGTH)
 DRAW CHAIR (CHOOSE DIAMETER, BENDING RADIUS, FILL COLORS, ANCHOR LENGTH)
 DRAW SINGLE SECTION BAR (CHOOSE DIAMETER, FILL COLORS)
 DRAW MULTIPLE SECTION BARS ON A ROW (CHOOSE DIAMETER, FILL COLORS)
 BAR MARK FOR BENDING SCHEDULES
 INSERT A NEW BAR MARK LINKED (ADDED) TO THE SAME REBAR NAME
 INSERT A LABEL BAR MARK LINKED TO AN EXISTING REBAR NAME (NOT LINKED TO THE BAR BENDING SCHEDULE)
 BAR BENDING SCHEDULE CREATION / UPDATE
 EDIT REBAR ENTITY
 EDIT REBAR (ADD / CONTINUE REBAR DRAWING)
 EDIT REBAR (REMOVE PART OF REBAR DRAWING)
 NEW/CHANGE REBAR SCALE
 EXPLODE REBAR
 REINFORCEMENT OPTIONS

BAR MARK → ① 30Φ10 N=30 L=1406

STIRRUP (FULLY DIMENSIONED) → 

BAR (FULLY DIMENSIONED) → ② 10Φ20 N=10 L=2466

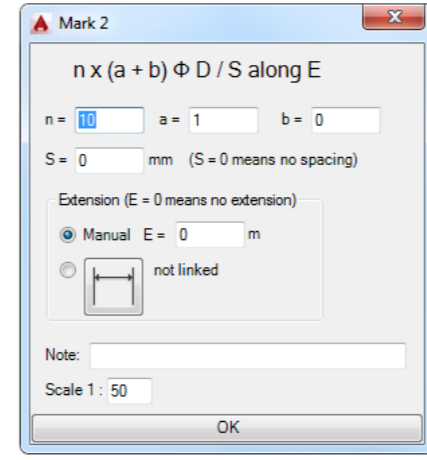
Mark	Φ [mm]	Shape [mm]	Length [mm]	QTY	Mass [kg]	% of total	Notes
①	Φ10		1406	30	26	30%	
②	Φ20		2466	10	60.81	70%	
Total mass = 87 kg							

EDIT REBAR ENTITY DIALOGUE

② 10Φ20 N=10 L=2466

2000

505



OPTION DIALOGUE

Units | Digits | Scale | Rebars | Dimensions | Stirrups | Marks | Calls | Font

Model units represent: Meters

Layout units represent: Millimeters

Rebar local dimensions units: Millimeters

Rebar diameter units: Millimeters

Rebar total length units: Millimeters

Rebar spacing units: Millimeters

Extension units: Meters

Units of mass: Kilograms

Default Ok Cancel