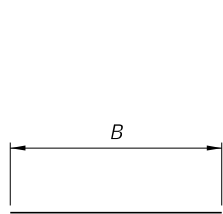
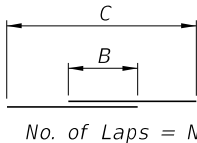


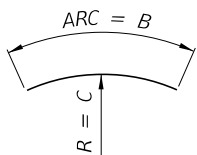
9/29/2026 7:47:54 AM



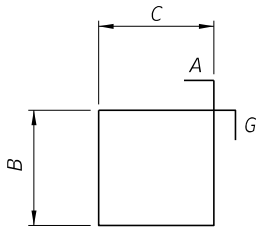
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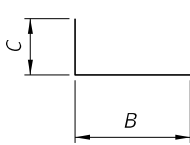
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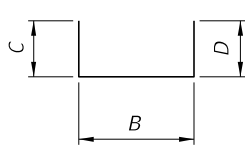
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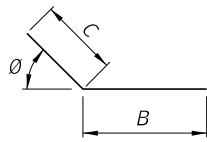
TYPE 4



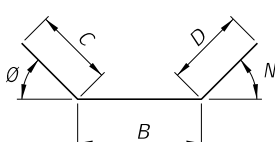
TYPE 10



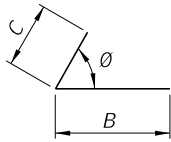
TYPE 11



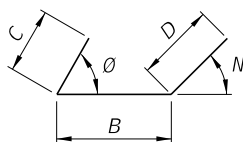
TYPE 12



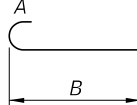
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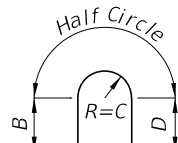
TYPE 14



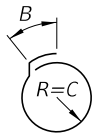
TYPE 15



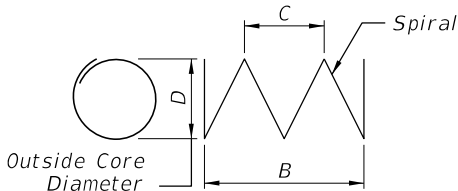
TYPE 17



TYPE 23



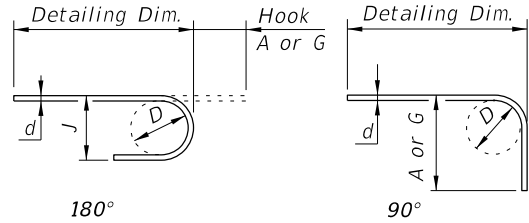
TYPE 24



TYPE 39

SINGLE BAR BENDING DETAILS

HOOK DETAILS



180°

90°

BAR SIZE	D	180° HOOKS		90° HOOKS
		A OR G	J	A OR G
#3	2¼"	5"	3"	6"
#4	3"	6"	4"	8"
#5	3¾"	7"	5"	10"
#6	4½"	8"	6"	1'-0"
#7	5¼"	10"	7"	1'-2"
#8	6"	11"	8"	1'-4"
STYLE		1		3

NOTES

GENERAL
All dimensions are out-to-out.
For Bar dimensions See REINFORCING BAR LIST Sheet(s) in Structures Plans.

SPIRALS (TYPE 39 BARS)

C = Pitch
B = Overall Height
N = Total number of closed turns at Top and Bottom of columns
Spirals = 1.5 turns
Include spiral splice in Contract Unit Price for FRP Reinforcing.

HOOKS
All Dimensions are approximate.
Hook Styles Detailed on this sheet are for Illustration Only.
Actual Hook Style for any particular bar will be shown under A or G Heading on REINFORCING BAR LIST sheet(s) in Structures Plans.

LAST
REVISION
11/01/24

DESCRIPTION:



FY 2027-28
STANDARD PLANS

BAR BENDING DETAILS (FRP)

INDEX
415-010

SHEET
1 of 1