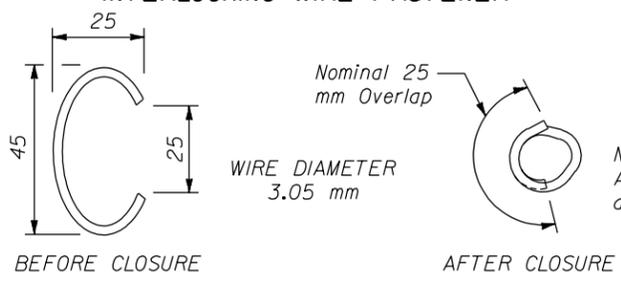


WIRE DIAMETER  
3.76 mm

NOTE:  
All dimensions  
are nominal

**INTERLOCKING WIRE FASTENER**

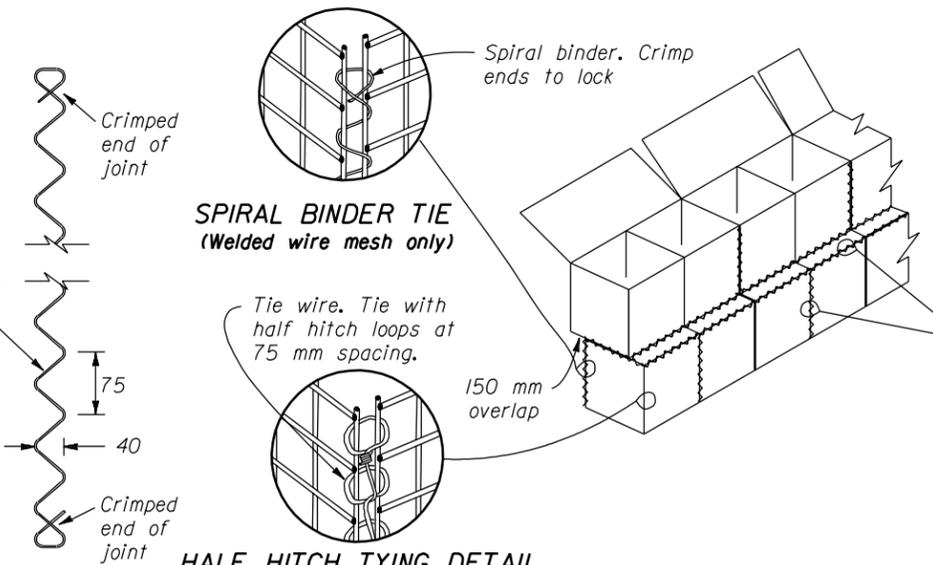


WIRE DIAMETER  
3.05 mm

Nominal 25  
mm Overlap

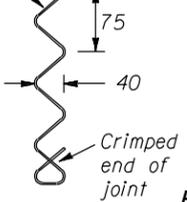
NOTE:  
All dimensions  
are nominal

**OVERLAPPING RING WIRE FASTENER  
ALTERNATE TYING FASTENERS**



**SPIRAL BINDER TIE  
(Welded wire mesh only)**

Wire diameter  
3.76 mm



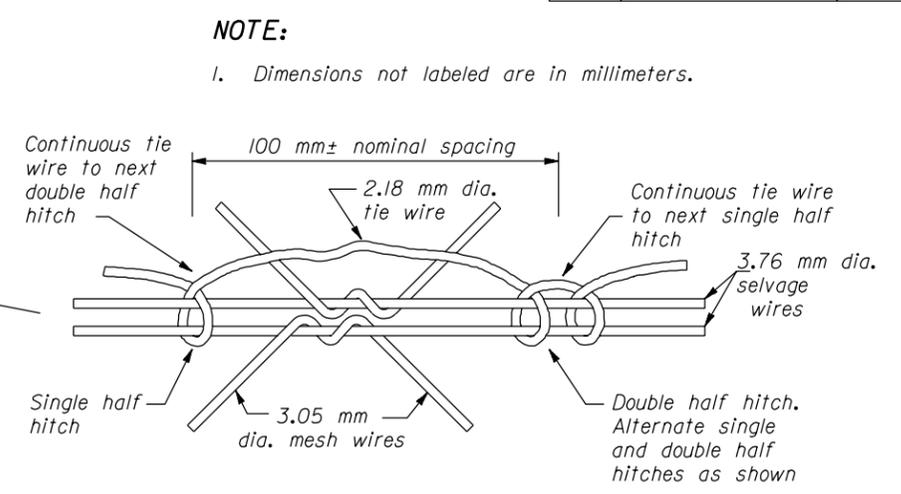
**HALF HITCH TYING DETAIL  
(Welded wire mesh)**

SPIRAL BINDER 3.76 mm DIA.

Tie wire. Tie with  
half hitch loops at  
75 mm spacing.

150 mm  
overlap

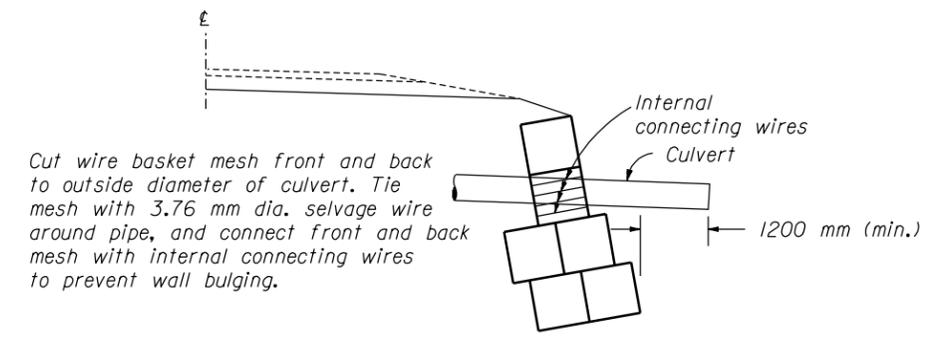
**TYPICAL INSTALLATION  
GABION BASKETS**



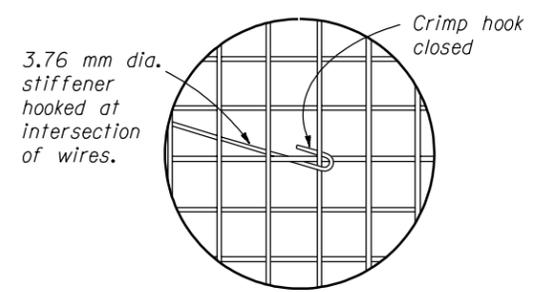
NOTE:

1. Dimensions not labeled are in millimeters.

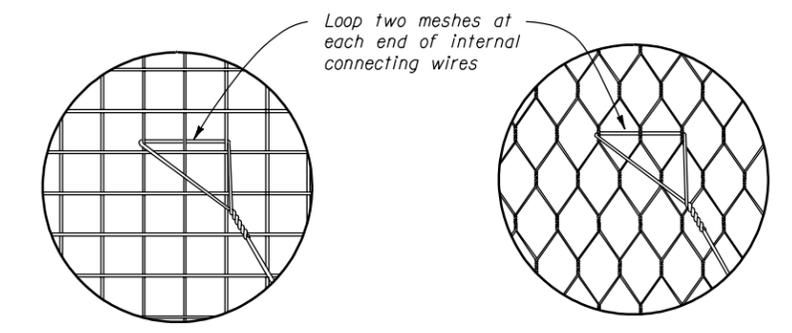
**HALF HITCH TYING DETAIL  
(Twisted wire mesh)**



**TYPICAL CULVERT INSTALLATION  
THROUGH GABION WALL**

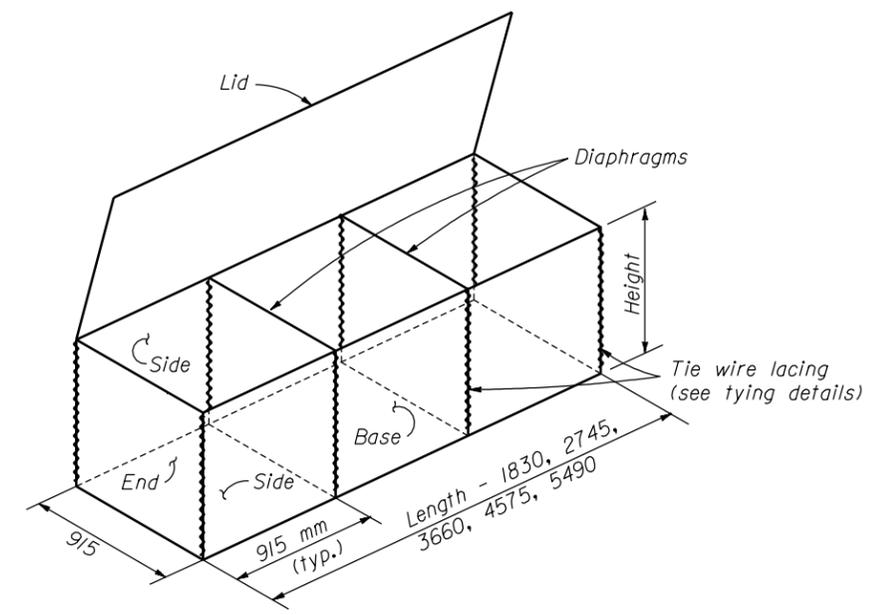


3.76 mm dia.  
stiffener  
hooked at  
intersection  
of wires.



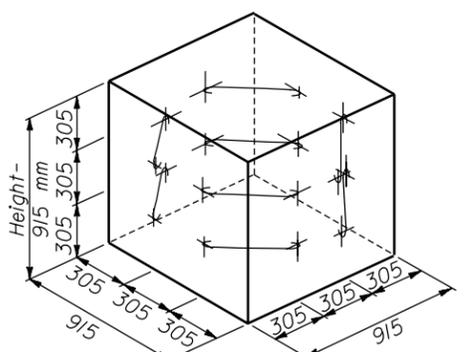
**WELDED WIRE MESH**

**TWISTED WIRE MESH**



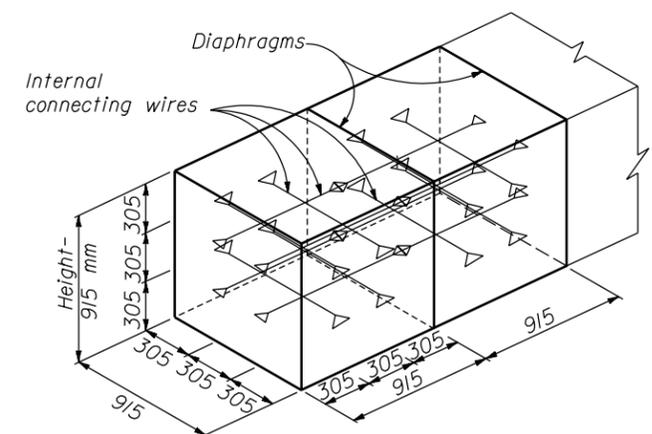
**TYPICAL ASSEMBLED GABION BASKET**

Length - 1830, 2745,  
3660, 4575, 5490



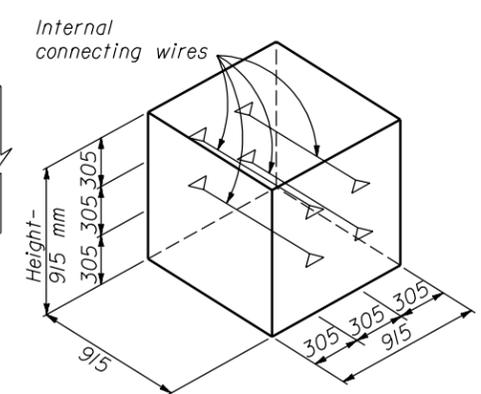
**ALL GABION CELLS**

**OPTIONAL INTERNAL CONNECTING WIRES  
WELDED WIRE GABION BASKET**



**ALL END GABION CELLS**

**TYPICAL INTERNAL CONNECTING WIRES**



**ALL INTERIOR GABION CELLS**

NOMINAL SIZES AND CAPACITY OF GABION BASKET				
Size Code Letter	Size in meters		Diaphragm Partitions	Capacity m <sup>3</sup>
	Length	Height		
A	1.83	0.915	1	1.5
B	2.75	0.915	2	2.3
C	3.66	0.915	3	3.1
X	4.58	0.915	4	3.8
Y	5.49	0.915	5	4.6

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
WESTERN FEDERAL LANDS HIGHWAY DIVISION

**METRIC DETAIL**

**GABION FACED WALL**

DETAIL APPROVED FOR USE 3/1996

REVISOR: \_\_\_\_\_

DETAIL  
WM253-51

NO SCALE