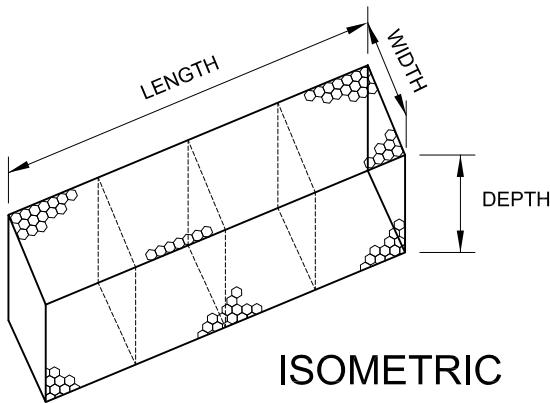


**GABION PLAN**

1. GABIONS SHALL BE MADE OF ZINC COATED STEEL WIRE, TRIPLE TWISTED, FORMING A UNIFORM HEXOGONAL MESH PATTERN OF 80 x 100 OPENING.
2. GALVANIZED WIRE SHALL BE 2.9Ø FOR GALVANIZED GABIONS AND 2.7Ø P.V.C. COATED GABIONS.
3. GABIONS SHALL BE SUPPLIED FOLDED FLAT TO FACILITATE HANDLING & TRANSPORTATION. THEY SHALL FORM RECTANGULAR BASKETS OF SPECIFIED SIZE WHEN CONSTRUCTED.
4. GABIONS SHALL BE SUPPLIED WITH SECURELY TIED DIAPHRAGMS CONNECTED TO THE BASE WITH MATERIAL OF THE SAME COMPOSITION AS THE GABION, TO FORM INDIVIDUAL CELLS OF 1.0 IN WIDTH.
5. THE EDGES OF THE GABION WITH SECURELY TIED DIAPHRAGM BE MANUFACTURED INTO SECURELY CONNECTED SELVAGES TO PREVENT RAVELING.
6. THE SALVAGE OR PERIMETER WIRE SHALL BE MADE OF 3.8Ø GALVANIZED WIRE FOR GALVANIZED GABIONS & 3.4Ø P.V.C. COATED FOR P.V.C. COATED GABIONS.
7. P.V.C. COATED & GALVANIZED TYING AND CONNECTING SHALL BE SUPPLIED IN THE AMOUNT WIRE 2.2Ø OF NOT LESS THAN 8% OF THE WEIGHT OF THE BASKET.
8. ZINC COATING 0.26 kg/m<sup>2</sup>.
9. P.V.C. COATING FOR P.V.C. COATED GABIONS SHALL BE 0.4 THICK.



**ISOMETRIC**

GABION TYPE	LENGTH m	WIDTH m	DEPTH m	NO. OF DIAPHS.	CAPACITY m <sup>3</sup>
A	2	1	1	1	2
B	3	1	1	2	3
C	4	1	1	3	4
D	2	1	0.5	1	1
E	3	1	0.5	2	1.5
F	4	1	0.5	3	2
G	2	1	0.3	1	0.6
H	3	1	0.3	2	0.9
I	4	1	0.3	3	1.2



TRANSPORTATION AND WORKS  
HIGHWAY DESIGN DIVISION

**GABIONS**

DRAWN BY: BMF

DATE: REV 02-01-10

NOT TO SCALE