

PLOT AREA CALCULATIONS FOR SUB-DIVISION	
AREA CALCULATIONS OF SUB DIVIDED PLOT -A	AREA CALCULATIONS OF SUB DIVIDED PLOT -B
C.T.S.NO.4840 (PT.) a) 1/2 X 25.46 X 7.77 X 1 NO = 98.91 b) 1/2 X 30.32 X 12.10 X 1 NO = 183.44 c) 1/2 X 30.32 X 4.30 X 1 NO = 65.19 d) 1/2 X 29.06 X 4.34 X 1 NO = 65.01 e) 1/2 X 17.76 X 1.98 X 1 NO = 17.58 f) 1/2 X 14.98 X 8.60 X 1 NO = 64.41 g) 1/2 X 24.88 X 5.60 X 1 NO = 69.66 h) 1/2 X 16.56 X 6.28 X 1 NO = 52.00 i) 1/2 X 24.88 X 9.74 X 1 NO = 121.17 j) 1/2 X 20.78 X 4.26 X 1 NO = 44.26 k) 1/2 X 20.78 X 4.68 X 1 NO = 48.63 l) 1/2 X 23.02 X 2.72 X 1 NO = 31.31 m) 1/2 X 23.02 X 6.58 X 1 NO = 75.74 n) 1/2 X 4.68 X 0.54 X 1 NO = 1.26 C.T.S.NO.4841 (PT.) e) 1/2 x 20.00 x 5.00 = 50.00 sq.mts. C.T.S.NO.4842 (PT.) p) 1/2 x 18.00 x 4.50 = 40.50 q) 1/2 x 18.00 x 8.00 = 72.00 r) 1/2 x 11.98 x 6.50 = 38.93	C.T.S.NO.4841 (PT.) A) 1/2 x 26.06 x 9.30 = 121.17 B) 1/2 x 26.16 x 1.10 = 14.38 C) 0.50 x 26.16 x 8.71 = 113.93 D) 0.50 x 2.33 x 0.45 = 0.52 TOTAL AREA OF SUB PLOT -B = 250.00 SQ. MTS. AREA CALCULATIONS OF SUB DIVIDED PLOT -C C.T.S.NO.4840 (PT.) 1) 1/2 x 1.43 x 0.74 = 0.53 SQ. MTS. C.T.S.NO.4841 (PT.) 2) 1/2 x 17.34 x 6.74 = 57.76 3) 1/2 x 15.94 x 3.05 = 24.31 4) 1/2 x 14.56 x 4.56 = 33.20 C.T.S.NO.4842 (PT.) 5) 1/2 x 17.30 x 7.64 = 66.09 6) 1/2 x 15.68 x 1.78 = 13.96 7) 1/2 x 9.00 x 2.70 = 12.15 TOTAL AREA OF SUB PLOT -C = 208.00 SQ. MTS.
938.57 sq.mts. 151.43 sq.mts. 250.00 sq.mts. 208.00 sq.mts.	250.00 sq.mts. 115.27 sq.mts. 92.20 sq.mts.
TOTAL AREA OF SUB PLOT -A = 1140.00 SQ. MTS.	TOTAL AREA OF SUB PLOT -B = 250.00 SQ. MTS. TOTAL AREA OF SUB PLOT -C = 208.00 SQ. MTS.

TOTAL AREA OF PLOT -A = 1140.00 SQ.MT.
TOTAL R.G. AREA REQD. = 171.00 SQ.MT.
PAVED R.G. REQD. AREA = 85.50 SQ.MT.
R.G. ON MOTHER EARTH REQD. AREA = 85.50 SQ.MT.
TOTAL R.G. AREA PROP. = 171.36 SQ.MT. (84.07 + 87.29 SQ.MT.)



SOX R.R. ON MOTHER EARTH AREA CALCULATION				
ADDITION				
1	$2.72 + 1.87 \div 2$	$\times 3.34 \times 1\text{NO}$	=	7.87 SQ.MT.
2	$1/2 \times 5.21 \times 2.51$	$\times 1\text{NO}$	=	6.54 SQ.MT.
3	$1/2 \times 5.21 \times 2.89$	$\times 1\text{NO}$	=	6.75 SQ.MT.
4	$1.74 + 1.90 \div 2$	$\times 1.67 \times 1\text{NO}$	=	3.04 SQ.MT.
5	$2.07 + 2.39 \div 2$	$\times 3.20 \times 1\text{NO}$	=	7.14 SQ.MT.
6	$2.14 + 2.66 \div 2$	$\times 5.32 \times 1\text{NO}$	=	12.27 SQ.MT.
7	$3.28 + 3.58 \div 2$	$\times 3.35 \times 1\text{NO}$	=	11.46 SQ.MT.
8	$1/2 \times 5.39 \times 2.27$	$\times 1\text{NO}$	=	6.12 SQ.MT.
9	$1/2 \times 6.89 \times 1.68$	$\times 1\text{NO}$	=	5.79 SQ.MT.
10	$1/2 \times 6.89 \times 2.02$	$\times 1\text{NO}$	=	6.98 SQ.MT.
11	$1/2 \times 2.71 \times 0.85$	$\times 1\text{NO}$	=	0.89 SQ.MT.
12	$1/2 \times 4.24 \times 1.16$	$\times 1\text{NO}$	=	2.46 SQ.MT.
13	$1/2 \times 4.24 \times 1.60$	$\times 1\text{NO}$	=	3.39 SQ.MT.
14	3.97×1.59	$\times 1\text{NO}$	=	6.31 SQ.MT.
TOTAL ADDITION				= 87.29 SQ.MT.

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