



BUILT UP AREA CALCULATION OF  
REFUGE LEVEL 13TH FLOOR OF,  
BUILDING TYPE - I  
BLOCK - A (27.73x44.83)=1243.13 SMT

BLOCK AREA LINE DIAGRAM OF REFUGE LEVEL ON 13TH FLOOR  
OF BUILDING - 1 Scale 1: 200 AS PER UDCPR



| REFUGE AREA REQUIREMENT OF BUILDING - 01                                                                    |                          |
|-------------------------------------------------------------------------------------------------------------|--------------------------|
| Description                                                                                                 | Flloor Area              |
| 1st Refuge Floor Area is                                                                                    | 813.82 Smt.              |
| Add one Connective Floor Area immediate after Refuge Fl.                                                    | 813.82 Smt.              |
| Total Area (813.82 + 813.82) =                                                                              | 1627.64 Smt.             |
| 1627.64 / by occupant load 12.50 m. per person as per NBC.                                                  | 130.21 Smt.              |
| 1627.64 / 12.50 =                                                                                           | 130.21 Smt.              |
| 130.21 m. x with 0.30 m. per person to accommodate the<br>proposed of two Connective Floors 130.21 x 0.30 = | 39.06 Smt.<br>(Required) |
| PROPOSED REFUGE AREA OF BUILDING TYPE - 01                                                                  | 127.50 Smt.              |