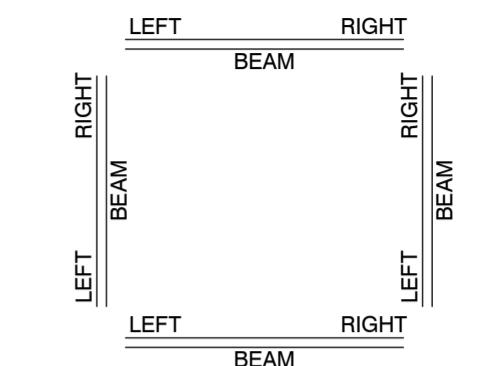


DRAWING NOS. - ASC - 04

PROJECT STAGE :

- SUB.  - TENDER  - ADVANCE  - EXECUTION



SIGN CONVENTIONS  
FOR BEAM LEFT & RIGHT SIDES  
FOR STIRRUPS & EXTRA TOP BARS

SPECIAL NOTES :-  
ALL EXTERNAL WALLS SHALL BE 150 thk. LIGHT WEIGHT BLOCKS.  
ALL INTERNAL WALLS SHALL BE 150 thk. LIGHT WEIGHT BLOCKS.

NOTES :-  
1. Basic reference code:- IS 456: 2000, IS 1893, IS 13920  
2. Due care shall be taken to ascertain that requisite strength of concrete is gained before commencement of deshuttering. It shall comply with provisions of Clause No. 11.3 of IS 456: 2000.  
3. Earthquake zone considered is zone III for MUMBAI region.

4. Clear covers
 

a) Footings / Raft ( Bottom / Top )	75/50
b) Columns & walls >200mm width	40
c) Columns & walls having width of 200mm & below	25
d) Slabs	20
e) Beams	25
f) Girder Beams	40
g) Pile cap	75
5. Beams having depth more than 750mm, provide side-face reinforcement.
6. Substratum shall be approved from our office before laying P.C.C.
7. Minimum clear spacing between any two longitudinal bars in beam = 50mm.
8. All laps (Ld) shall be staggered & not more than 50% bars to be lapped at any given section. Ld = 50 X D (where D= dia. of Bar)
9. All buildings shall have tie beams/plinth beams at ground/plinth level.
10. At any level where column size gets reduced in either dimension tie beams/plinth beams are essential.
11. For cantilevers, top bars to be anchored behind from external face of support for 1.5 X span of cantilever.
12. Fire rating considered:- 2 Hour Max.

Use of this drawing for construction shall explicitly confirm acceptance of following conditions by Owner / Builder / Contractor

1. Our responsibility shall remain limited to safe and sound structural design as transmitted by this drawing and we shall not remain responsible for
  - a) Safety of old structure during demolition.
  - b) Safety of adjoining building / persons staying in adjoining building/persons and properties on adjoining roads.
  - c) Safety of construction worker/any personnel at work site during construction.
  - d) Correctness/safety of any temporary structure, scaffolding, shutting, centering erected at site and any injury to any personnel arising out of any accidents.
  - e) Accidents occurring due to premature deshuttering, faulty / substandard construction material or workmanship / faulty construction procedure.
  - f) Any accident occurring due to construction of elements of buildings not designed by us.
  - g) Supervision if specifically asked for will be provided to the extent of.
2. Supervision if specifically asked for will be provided to the extent of.
3. All structural concrete should be weigh batched, machine mixed & mechanically vibrated.
4. Any discrepancy between our drawing & Architects' drawing shall be brought to our notice before construction.
5. Drawing shall not be scaled written dimensions are to be followed.
6. This drawing to be read along with other relevant drawings.

R1 MIDLEVEL PLAN ADDED & AS MARKED 15.12.23 NK SIDDHI

REV. DESCRIPTION DATE DWN. CHKD.

GRADE OF CONCRETE :- - M25

GRADE OF STEEL :- - Fe500

ENVIRONMENTAL EXPOSURE CONDITION :- - MODERATE

DESIGN LIVE LOAD :- (UNLESS SPECIFIED) -

S.B.C. :-

PROJECT : PROPOSED RESORT @ PALI, RAIGARH  
( GUEST BLOCK - 1A & 1B )

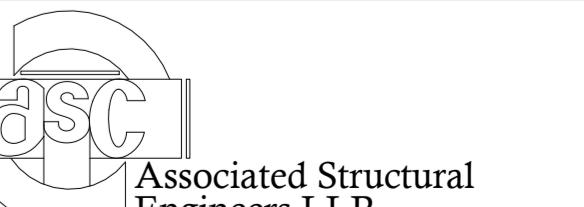
CLIENT : MELLORA INFRASTRUCTURE

ARCHITECT : STUDIO HUMANE

DRAWING TITLE : RCC DETAIL OF ROOF & MIDLEVEL FLOOR

SCALE DWN.BY CHK.BY DATE JOB NO.

N.T.S. Nandkumar Siddhi 29.11.2023 ASC-2544



Associated Structural  
Engineers LLP.  
607, Opal Square, Opp. Railadevi Lake, Barve Rd. Wagale Estate,  
Thane (w). 400 604.  
Phone: +91-22-20812084/85, 8976072223  
Email: info@asc.org.in Website: www.asc.org.in

