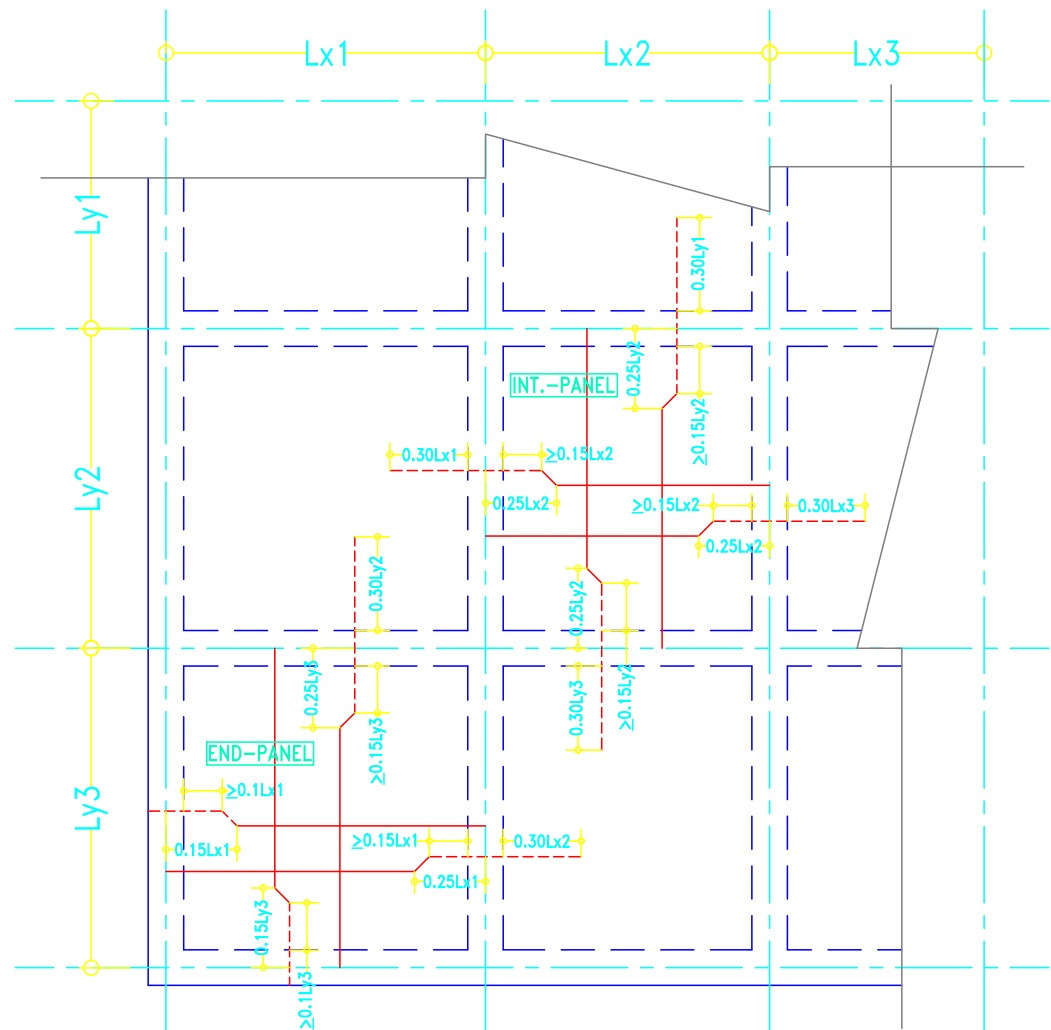
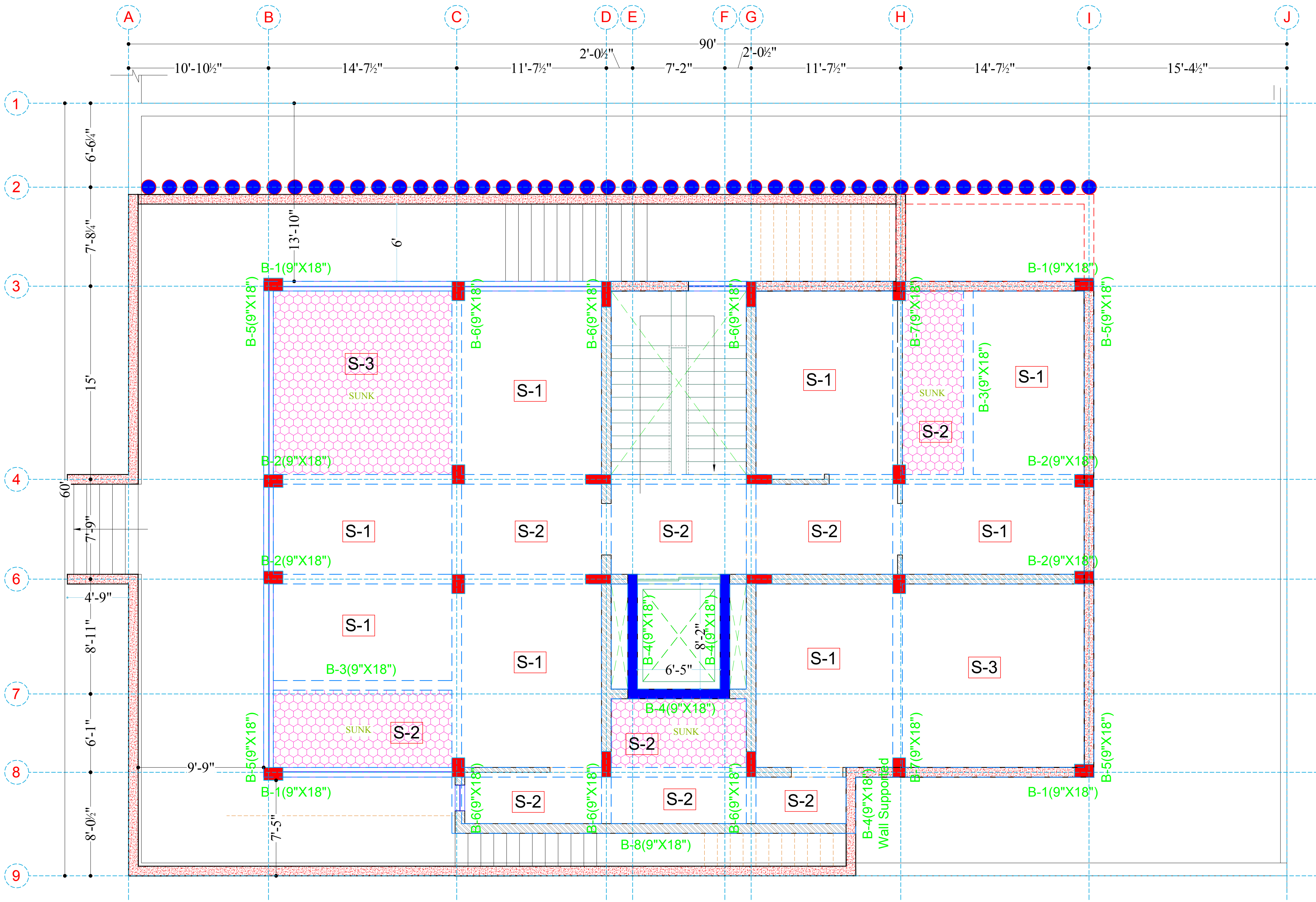
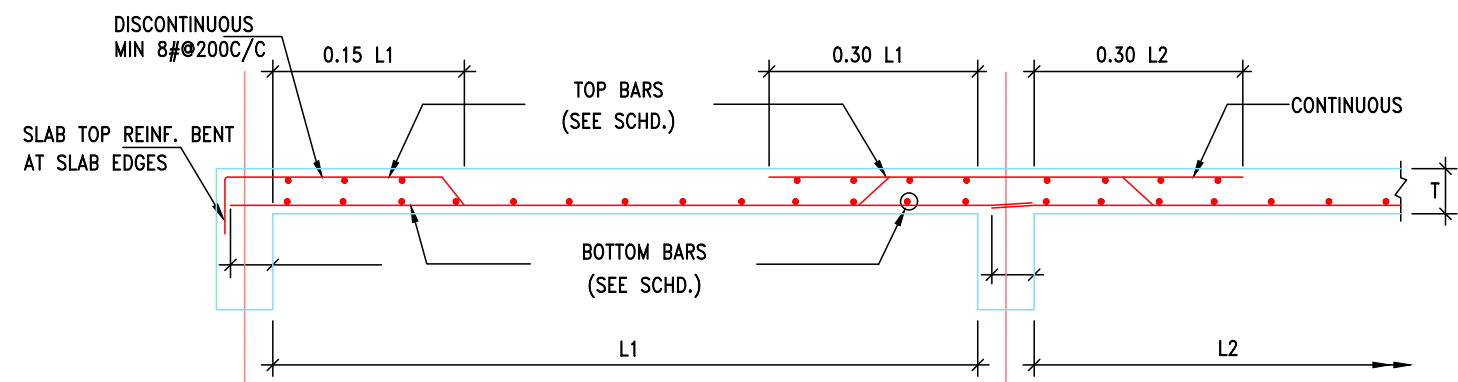




TYPICAL ARRANGEMENTS OF SLAB REINFORCEMENT USING BENT-UP BARS



- NOTES:-
1. BOTTOM REINF. TO BE LAPPED 100CM OVER SUPPORT (TYPICAL).
 2. TOP REINF. TO BE LAPPED 100CM AT MIDSPAN (TYPICAL).
 3. ADDITIONAL BOTTOM STEEL IN SLABS SHOULD EXTEND TO WITHIN 0.15 SPAN OF CONT. EDGE OR 0.10 SPAN OF DISCONT. EDGE.
 4. ADDITIONAL TOP STEEL IN SLABS SHALL EXTEND UPTO 1/3 SPAN.
 5. SLAB TOP REINF. HAS TO BE BENT AT SLAB EDGES (TYPICAL).
 6. AT CANTILEVER SLABS, THE MAIN TOP STEEL SHOULD BE EXTENDED 1.5 TIMES CANTILEVER SPAN INTO THE ADJACENT SPAN.

TYPICAL SLAB ELEVATION

SLAB SCHEDULE

SLAB MKD.	SLAB REINFORCEMENT		THK.
	SHORTER SPAN	LONGER SPAN	
S-1	10#@6"C/C	8#@6"C/C	6"
S-2	8#@6"C/C	8#@8"C/C	6"
S-3	12#@5"C/C	12#@5"C/C	6"

STRUCTURAL NOTES:-

1. Unless otherwise noted :
 - a) All dimensions are in feet-inches U.N.O.
2. All R.H.S./S.H.S. shall conform to IS:4923 (Latest) Grade Yst 310 & ISMB shall be Yst 340.
3. Welding shall be as per IS : 9595 (Latest).
4. All M.S. bolts and nuts shall conform to IS:1363&1367 (latest) grade (B) class 4.6
5. Length of inclined members and size of weld are tentative and are to be checked from full scale shop layout.
6. Open ends of all members shall be sealed.
7. Any Discrepancies Noted Shall be brought to the notice of the Consultant prior to execution.

NOTES FOR R.C.C

- 1) All the Dimensions Shown in the Drg. Are in Feet-Inches (UNO) (Unless Noted Otherwise = UNO).
- 2) Do Not Scale the Drg., Only Written Dimensions Shall Be Followed.
- 3) Discrepancies Noted Shall be Brought to the Notice of the Consultant Prior to Execution.
- 4) The Drawing Shall be Read in Conjunction With Other Structural and Architectural Drawings.
- 5) Clear Cover to main Reinforcement Shall be 50mm in Footings, 40mm in Columns/Pedestals & 20mm in Beams/Slabs (UNO)
- 6) The Mix of Concrete Shall be M-25 Grade (UNO)
- 7) Reinforcement Shall be HYSD Bars, Fe 500 TMT Grade Conforming to IS:1786.

SR.NO.	31-07-18	R1
DATE		REVISION

Project Title:-

HOTEL UNIT FOR CLARKS AMER AT JAIPUR(RAJ.)

Architects:-

NEERAV GUPTA
CA/2009/44768
L-1, KRISHNA MARG, C-SCHEME,
JAIPUR (302001), RAJASTHAN, PH.0141-2360825
E-Mail:architect_neeravgupta@yahoo.com

Drg. title:-

BASEMENT ROOF DETAIL

Drg.No.	Proj.No.	Dated
B-01 OF 02	156/18	31-07-18
Cad. Dev.	Lalit	Designed by
		T.DHAWAN

Structural Consultant:

BANSAL & ASSOCIATES
CONSULTING STRUCTURAL & MECH. ENGINEERS,
263/842, SECTOR-26, PRATAP NAGAR
JAIPUR (RAJ.)-302033
E-MAIL:- bansalpank@gmail.com
PH./FAX:- 0141-5145778,+91-9166874068