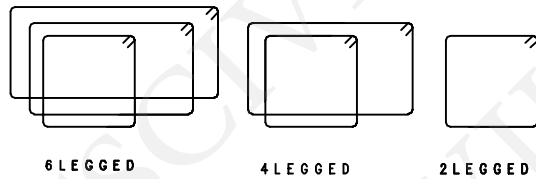
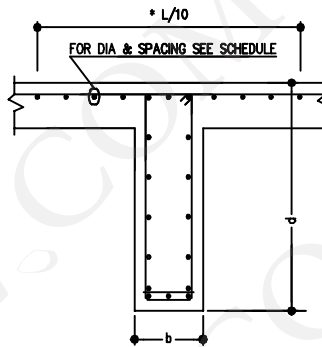


TYPICAL BAR ARRANGEMENT FOR NON PERIMETER BEAM REINFORCEMENT

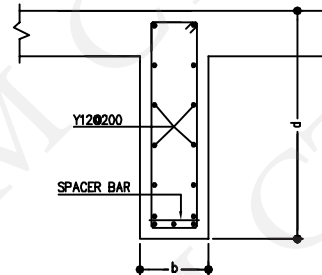
- • WHICH EVER IS GREATER
- • • FOR CANTILEVER SEE BEAM ELEVATION
- FOR TENSION SPLICE AND STANDARD HOOK REFER GENERAL NOTES.
- REINFORCING BARS SHALL BE KEPT IN ONE LAYER WHERE POSSIBLE. DIFFERENT LAYERS ARE SHOWN FOR CLARITY.
- STIRRUPS ARE NOT SHOWN FOR CLARITY.



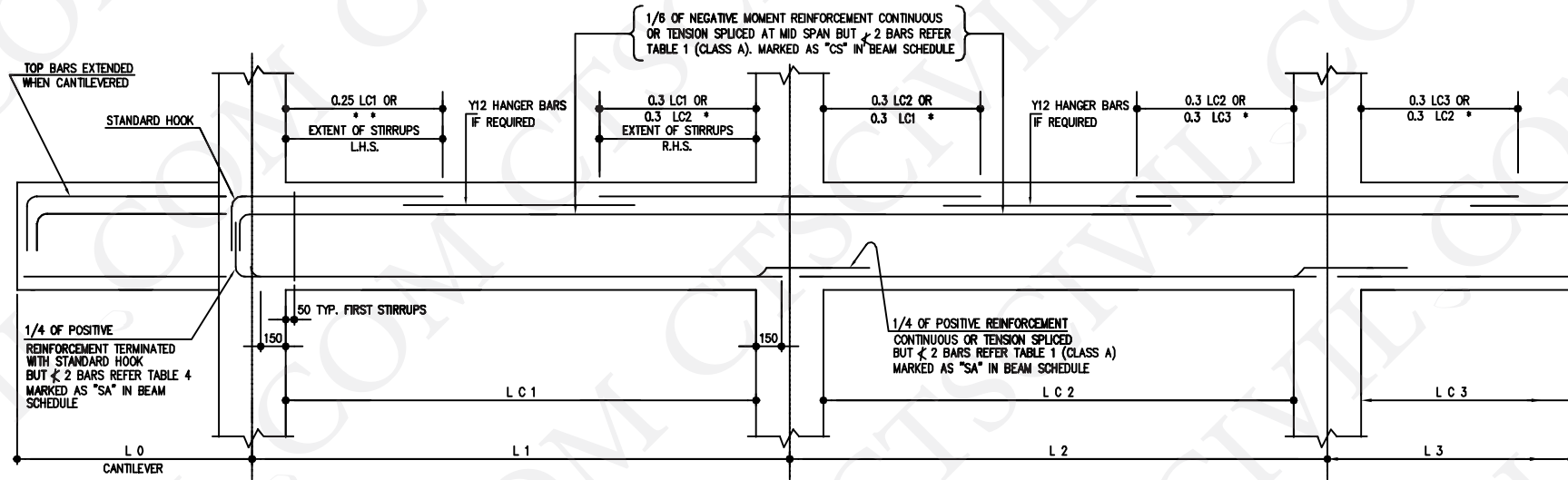
STIRRUPS



TYPICAL DETAIL SHOWING SPREAD OF TOP REINF. OVER SUPPORT FOR BEAMS HAVING FLANGES ON BOTH SIDES U.O.N.  
 \* L=SPAN LENGTH OF BEAM (SMALLER OF THE TWO ADJACENT SPANS) SECTION AT SUPPORTS



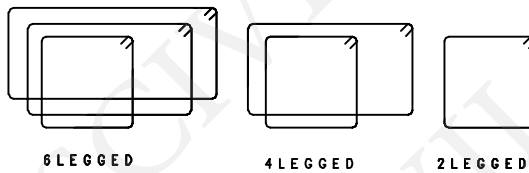
MINIMUM SIDE BARS IN BEAMS EXCEEDING 1MT. IN DEPTH. ( UNLESS NOTED)



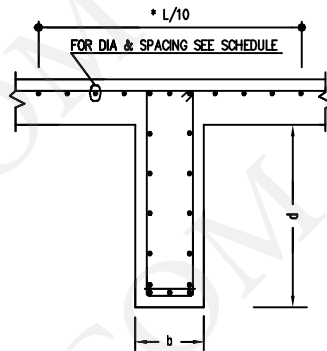
TYPICAL BAR ARRANGEMENT FOR PERIMETER BEAM REINFORCEMENT

- \* WHICH EVER IS GREATER
- \*\* FOR CANTILEVER SEE BEAM ELEVATION
- FOR TENSION SPLICE AND STANDARD HOOK REFER GENERAL NOTES.
- REINFORCING BARS SHALL BE KEPT IN ONE LAYER WHERE POSSIBLE. DIFFERENT LAYERS ARE SHOWN FOR CLARITY.
- STIRRUPS ARE NOT SHOWN FOR CLARITY.

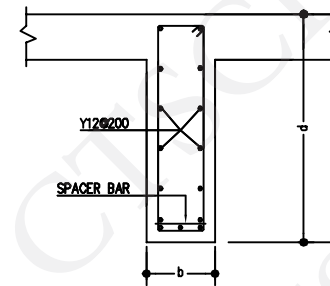
- \* "CS" BARS (IF ANY) SHOWN ARE TOP CONTINUOUS BARS IN ADDITION TO
- \* "TOP BARS OVER THE SUPPORT", REFER BEAM SCHEDULE.



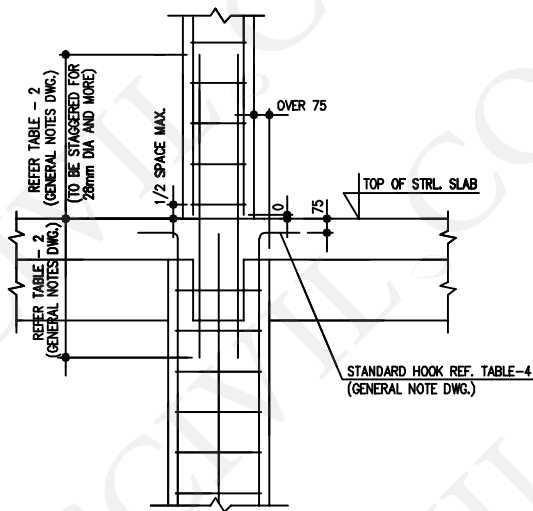
STIRRUPS



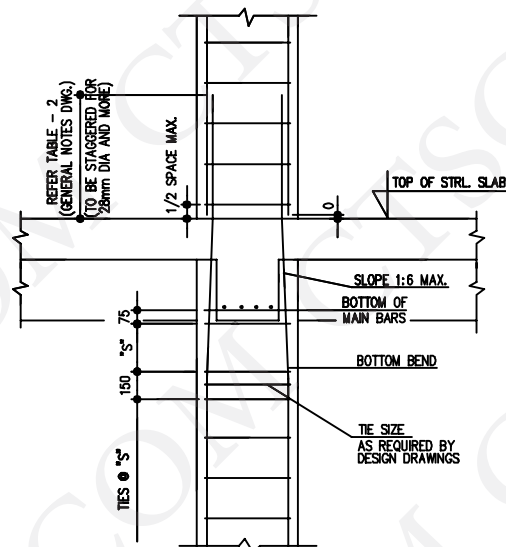
TYPICAL DETAIL SHOWING SPREAD OF TOP REINF. OVER SUPPORT FOR BEAMS HAVING FLANGES ON BOTH SIDES U.O.N.  
\*L=SPAN LENGTH OF BEAM (SMALLER OF THE TWO ADJACENT SPANS)  
SECTION AT SUPPORTS



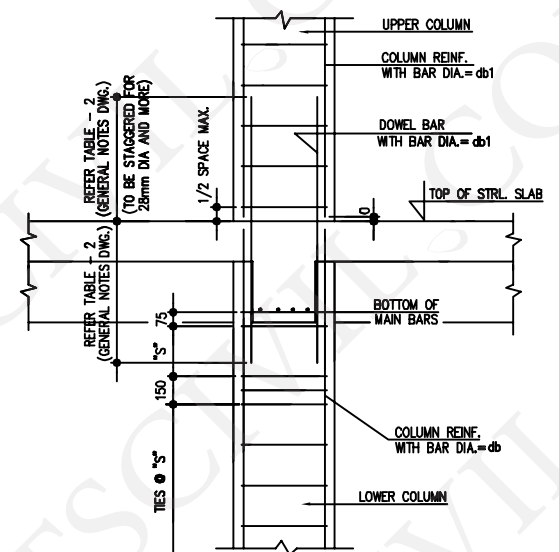
MINIMUM SIDE BARS IN BEAMS EXCEEDING 1MT. IN DEPTH. ( UNLESS NOTED)



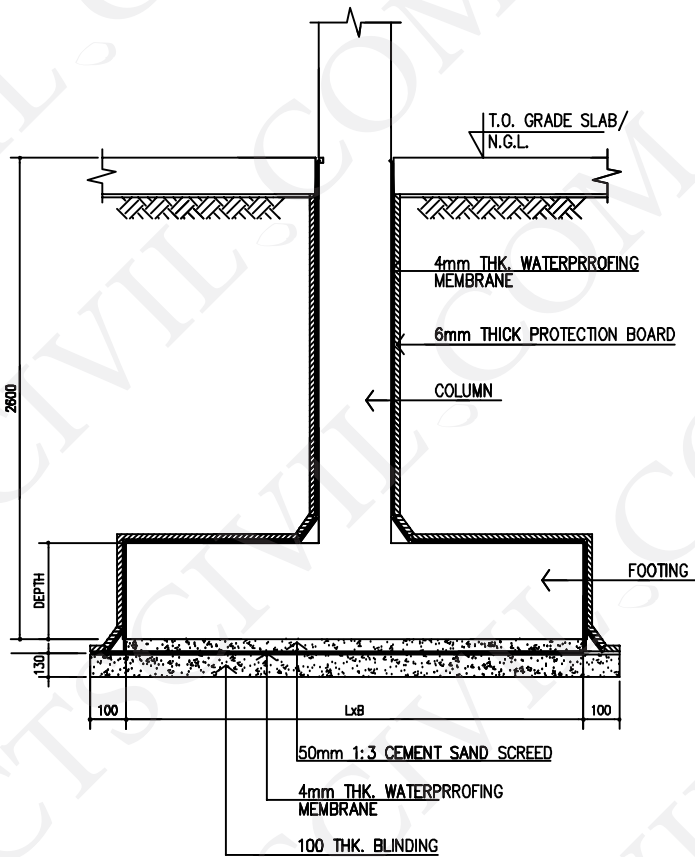
TYPICAL TIED COLUMN DETAIL U.N.  
(WHERE OFFSET EXCEEDS 75)



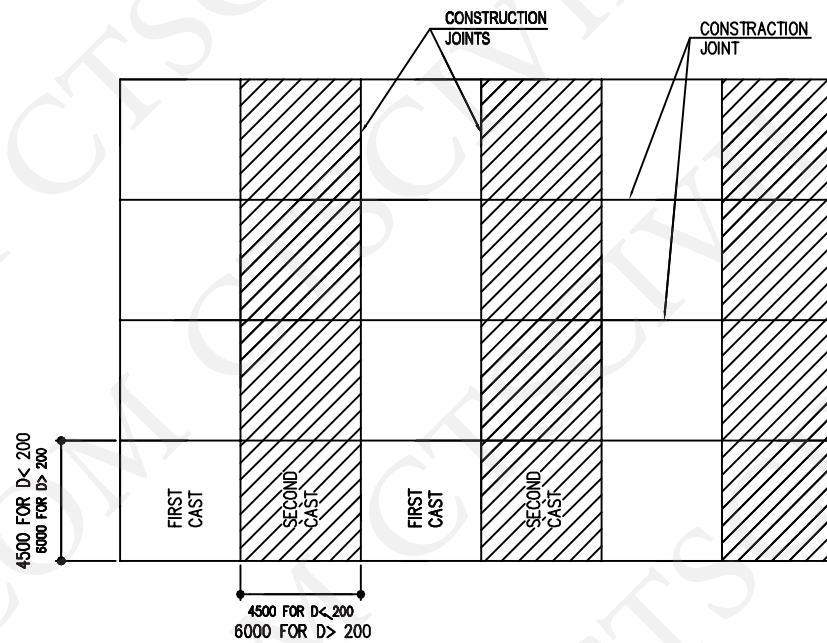
TYPICAL TIED COLUMN DETAIL U.N.



TYPICAL DETAIL FOR COLUMN U.N.  
WHEN  $db1 > db$

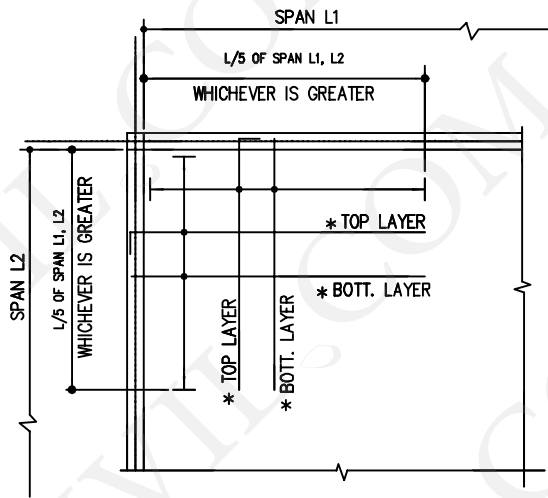


TYP. SECTION OF ISOLATED FOOTING



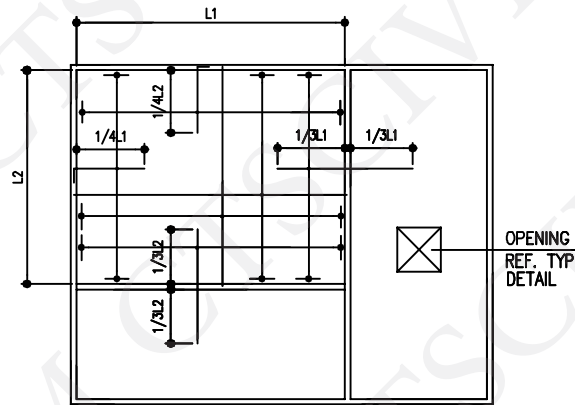
GRADE SLAB  
 PLACING SEQUENCE  
 (CONTRACTION JOINT COULD BE CONSTRUCTION  
 JOINTS IF THERE IS A NEED TO STOP CASTING)

EXPANSION JOINT :  
 THE SLAB ON GRADE SHALL HAVE  
 20mm. WIDE EXPANSION JOINT IN  
 EACH DIRECTION AT A DISTANCE  
 NOT EXCEEDING 36M.

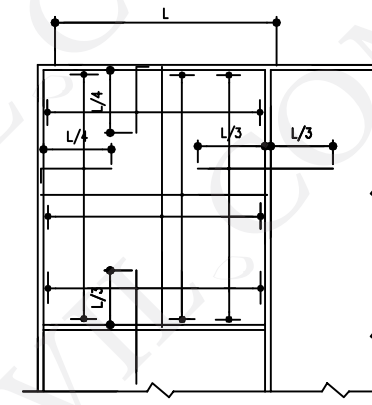


TYPICAL ADDITIONAL CORNER REINFORCEMENT  
DETAIL FOR SLAB U.N.

\* REINFORCEMENT TO MATCH  
THE MAIN SLAB BOTT. REINF.  
IN SIZE AND SPACING.



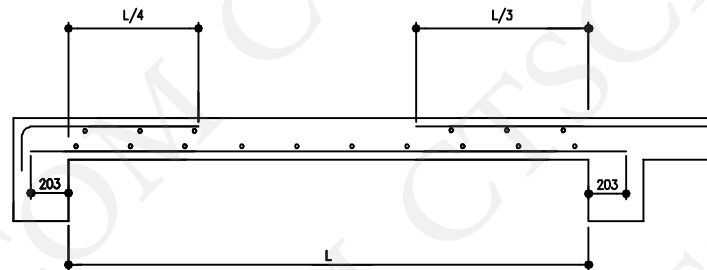
2 WAY PANEL



ONE WAY PANEL

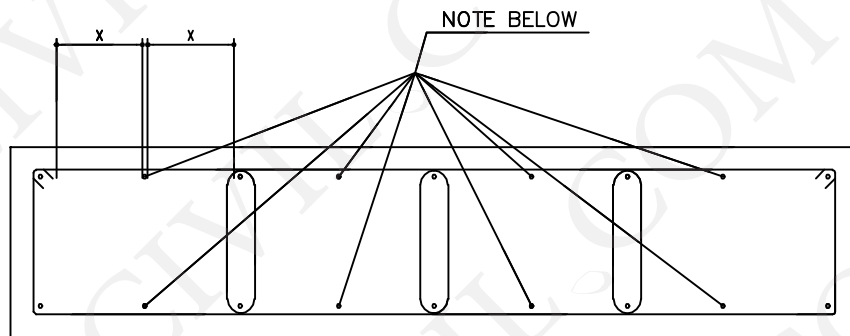
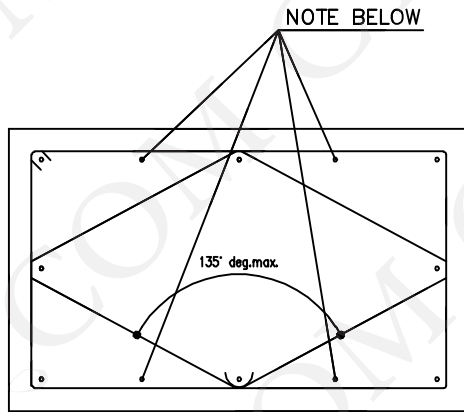
TYP. ARRANGEMENT OF SLAB REINFORCEMENT

(TOP & BOTTOM BARS SEE PLAN. SIZE AND SPACING SHOWN ABOVE  
THE REINFORCING INDICATE TOP BARS WHEREAS SIZE AND SPACING  
SHOWN BELOW THE REINFORCING INDICATE BOTTOM BARS.)



TYP SECTION OF SLAB

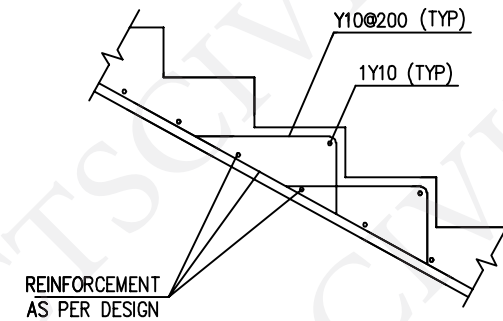
NOTE  
NOMINAL TOP DISTRIBUTION STEEL TO BE  
PROVIDED. NOT SHOWN IN PLAN FOR  
CLARITY REFER TYP. SECTION OF SLAB.



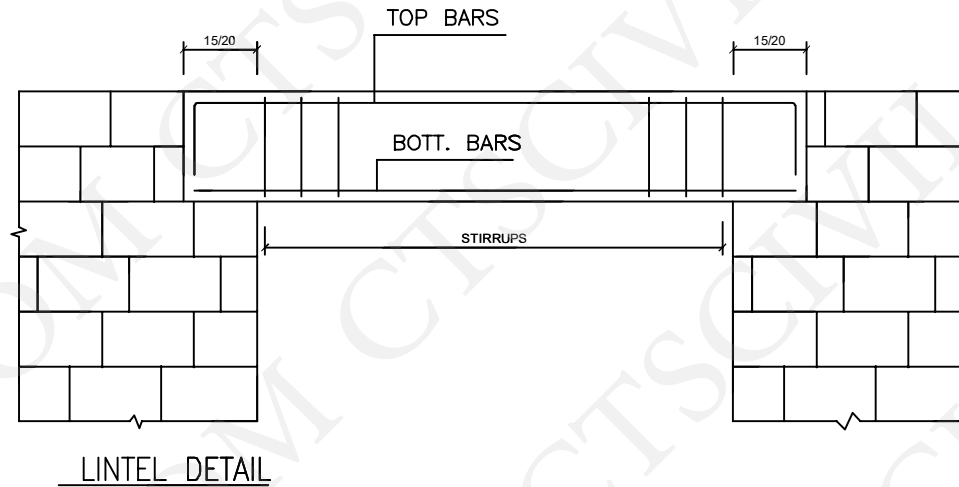
WALL - LIKE COLUMN

NOTE: THESE BARS NEED NOT BE TIED WHEN X DISTANCE  
EQUALS 150mm OR LESS

TYPICAL COLUMN SECTIONS SHOWING GROUP OF BARS U.N.



TYPICAL STEP DETAIL U.N.



LINTEL SCHEDULE

OPENING WIDTH IN Cm	LINTEL SIZE IN Cm	REINFORCEMENT			BEARING ON EACH SIDE	REMARKS
		TOP BARS	BOTT.BARS	STIRRUPS		
0 – 200	B x 20	2 $\phi$ 14	2 $\phi$ 14	$\phi$ 10/20	20 Cm	
201 – 300	B x 30	3 $\phi$ 16	3 $\phi$ 16	$\phi$ 10/20	20 Cm	
301 –400	B x 40	3 $\phi$ 20	3 $\phi$ 20	$\phi$ 10/20	25 Cm	
401 –500	B x 50	3 $\phi$ 22	3 $\phi$ 22	$\phi$ 10/20	35 Cm	
501 –600	B x 60	3 $\phi$ 25	3 $\phi$ 25	$\phi$ 10/15	50 Cm	