

NOTES

- DIMENSIONS ARE TO BE READ NOT TO BE SCALED
- CONTRACTOR IS TO CHECK ALL DIMENSIONS BEFORE EXECUTION OF WORK
- ↑ INDICATES THE DIA OF HYD BARS OF GRADE P-4115 REFER TO IS: 1706, 1979
- FOR CENTER LINE DIMENSION REFER ANCHORAGE.
- NOT MORE THAN 80 % BARS ARE TO BE LAPPED AT ONE LOCATION
- LAP LENGTH / ANCHORAGE LENGTH  
866 IN CASE OF FOUNDATION, BEAM & SLAB  
466 IN CASE OF COLUMN, WHERE 'V' IS DIA OF BARS
- CLEAR COVER TO REINF.  
FOUNDATION = 60mm      BEAM = 30mm  
COLUMN = 40mm      SLAB = 25mm
- CONC. USED IS M20

DETAIL OF STEEL REINFORCEMENT

1. SLAB THICKNESS = 5" THK.

2. CONC. USED = M20

SCHEDULE OF BARS

FACE

a = 10 mm Ø @ 14" c/c.	(B)
b = 10 mm Ø @ 14" c/c.	(C)
c = 12 mm Ø @ 14" c/c.	(T)
d = 8 mm Ø @ 20" c/c.	(B)
e = 8 mm Ø @ 20" c/c.	(C)
f = 10 mm Ø @ 20" c/c.	(T)
z = 8 mm Ø @ 10" c/c.	

NOTE:

B Bottom  
C Crank  
T Top

STRUCTURAL CONSULTANTS:



SYAL & ASSOCIATES

CONSULTING ENGINEERS, ARCHITECTS & SURVEYORS  
F-91, PHASE - 7, INDUSTRIAL AREA  
MOHALL, (PUNJAB)

CLIENT:

SARVA SHIKSHA ABHIYAN  
AUTHORITY PUNJAB

PROJECT:

DOUBLE STOREY U.P.S SCHOOL

REVISION:

S T R U C T U R E

ROOF SLAB REIN. DETAIL,  
BEAMS B-1,CB-1 & LB-1 TO LB-3

STRUCTURAL CONSULTANT: DR. J.C SYAL

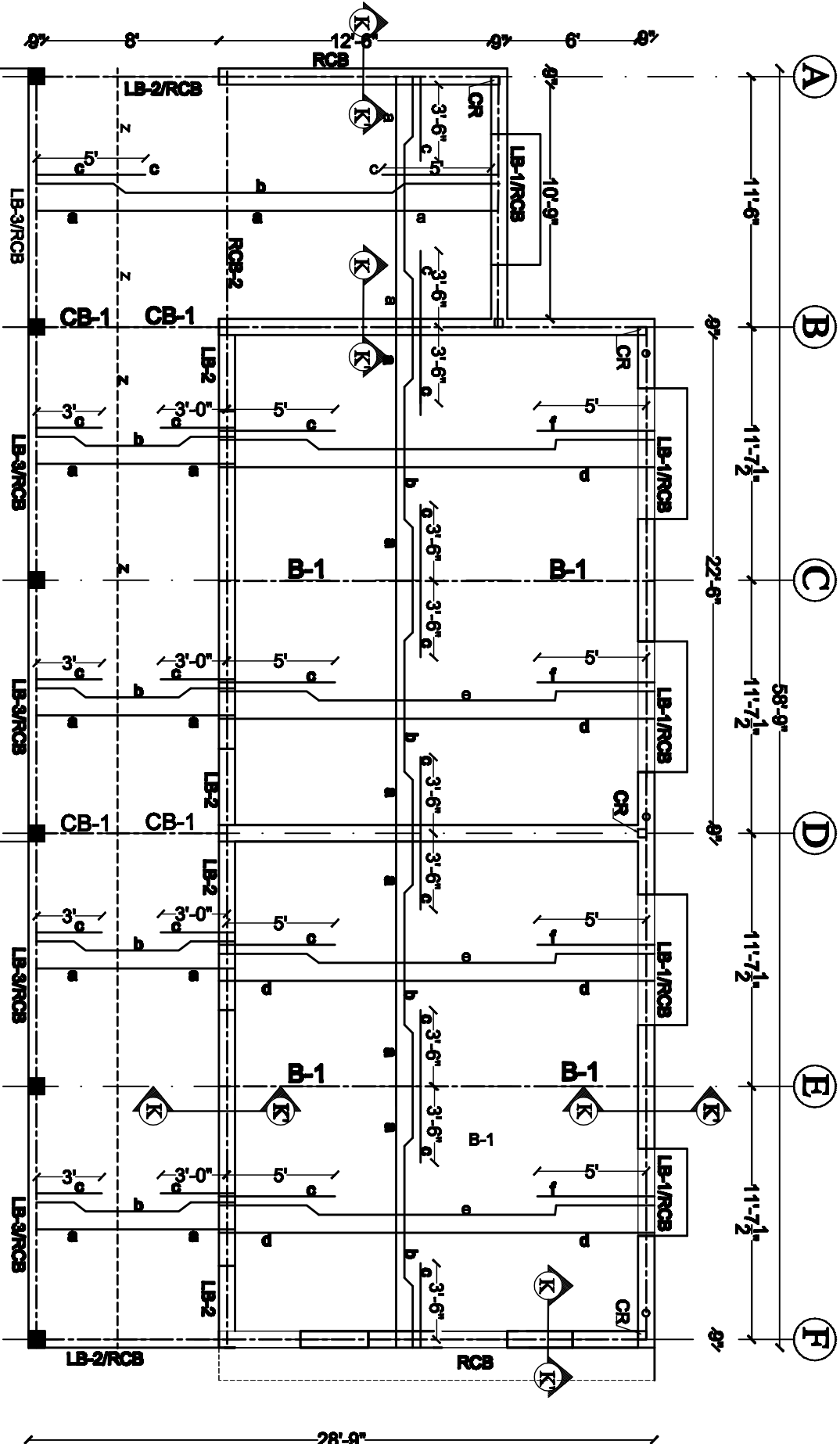
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DRAWN BY: HARPREET KAUR

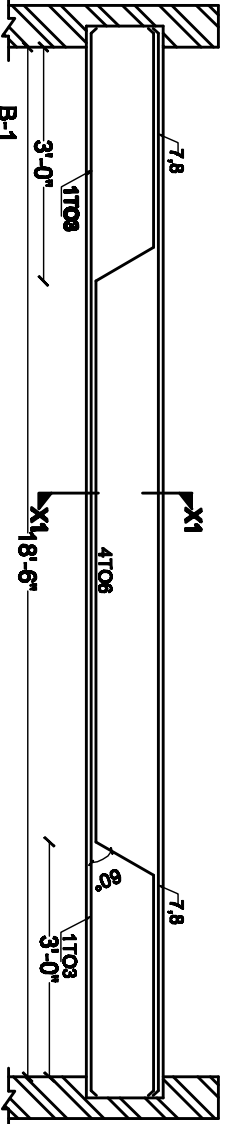
SCALE: N.T.S

DATE: 29-09-2010

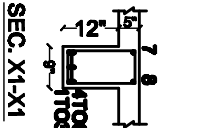
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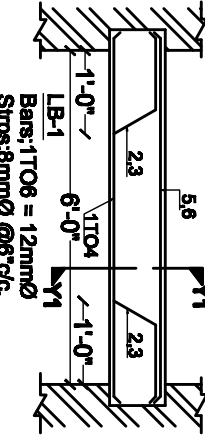
FIRST FLOOR ROOF SLAB REINF. DETAIL



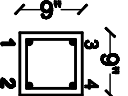
B-1  
Bars: 1T08 = 16mmØ  
Stps: 3/8mmØ 2L @ 6" c/c.  
+rest @ 8" c/c from face of supports.



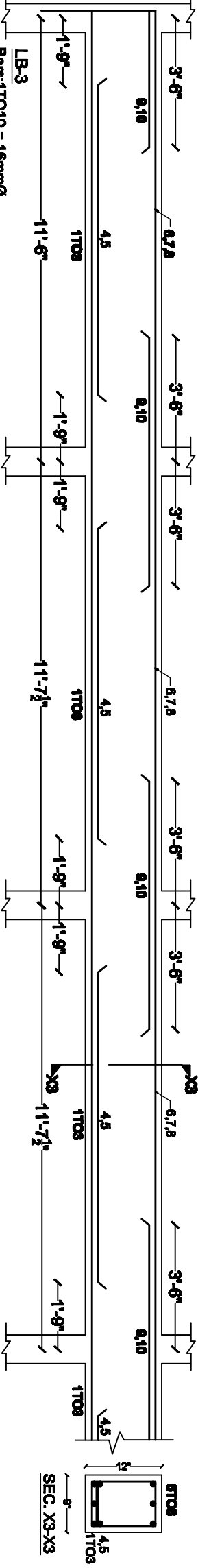
SEC. X1-X1



SEC. Y1-Y1



SEC. K-K (AT LINTEL LVL)  
Bars: 1T04 = 12mmØ  
Stps: 3/8mmØ @ 6" c/c.



Bars: 1T010 = 16mmØ  
Stps: 3/8mmØ 2L @ 6" c/c.