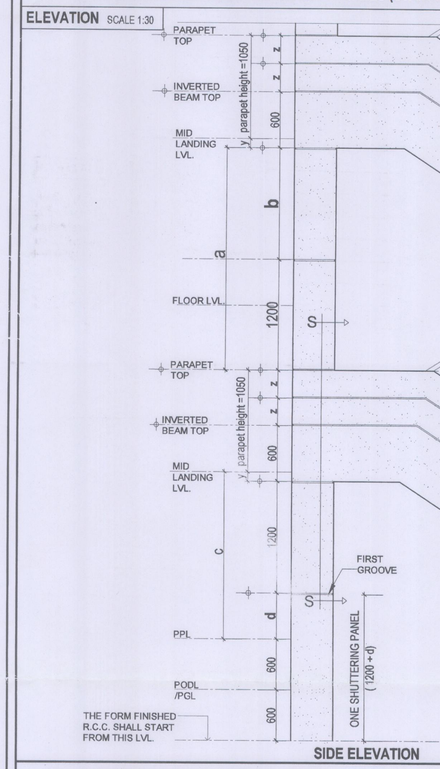
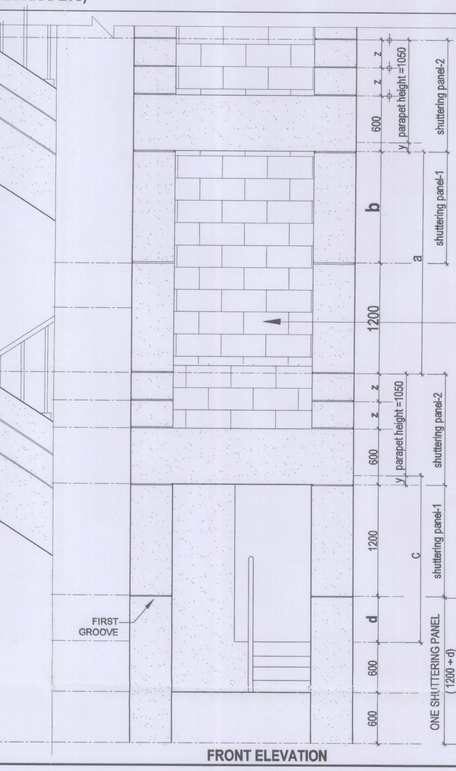
TYPICAL DETAILS OF FORM FINISHED EXPOSED RCC SHUTTERING PATTERNS

04. FORM FINISHED EXPOSED RCC INCLINED WALLS (STAIR CASE PARAPETS)

ELEVATION SCALE 1:30



SIDE ELEVATION



FRONT ELEVATION

FORMULAS TO OBTAIN 'b', 'z', 'd'.

b = a - [n(1200)]

where,
b = ht. of first groove from parapet top.
a = parapet top to next midlanding slab bottom lvl, as per sketch.
n = nos. of complete shuttering panel (1200 high) in (a)

struck pointed exposed brick work

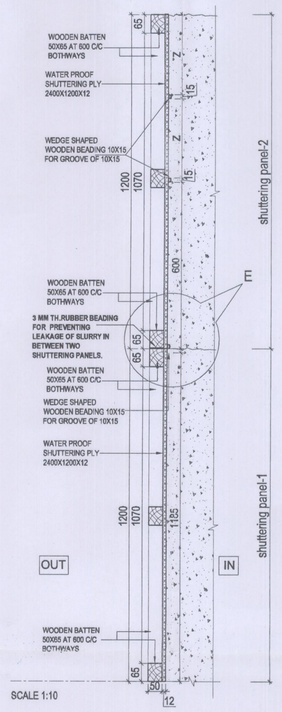
z = [1150 - (600-y)] / 2

where,
z = distance as per sketch
y = midlanding slab thickness

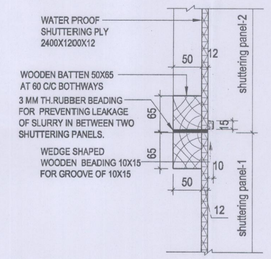
d = c - y - [n(1200)]

where,
d = height of the first groove from PPL
c = height of first midlanding top from PPL
n = nos. of complete shuttering panel (1200 high) in 'c'.

DETAIL AT S-S WITH DETAIL OF A SHUTTERING PANELS



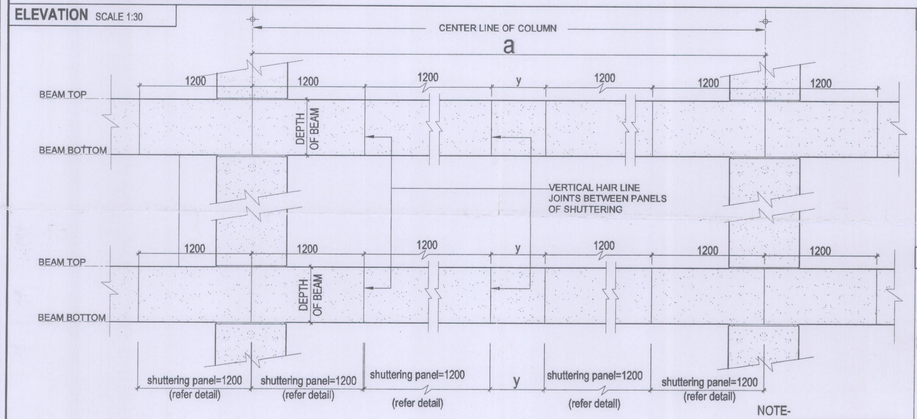
SCALE 1:10



DETAIL AT E SCALE 1:5

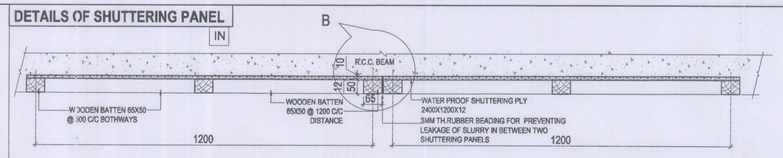
05. FORM FINISHED EXPOSED RCC BEAMS

ELEVATION SCALE 1:30



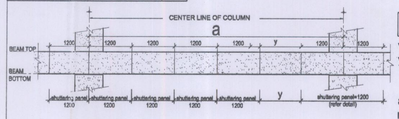
NOTE-
1. BEAMS HAVE NO GROOVES.

DETAILS OF SHUTTERING PANEL



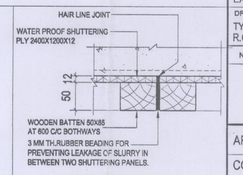
SHUTTERING IN PLAN SCALE 1:10

FORMULA TO OBTAIN ' y '



y = a - [n(1200)]

where,
y = distance left between vertical hairline joints at centre after starting from either side as in sketch.
a = c/c distance between two columns
n = nos. of complete shuttering panel 1200 wide in 'a'



DETAIL AT B SCALE 1:5

NOTES

1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ANY DISCREPANCY IN THIS DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
4. THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED OR REPRODUCED WITHOUT PERMISSION.
5. 12 MM. THICK SHUTTERING PLY SHALL BE USED TO OBTAIN FORM FINISH. THIS PLY SHALL NOT BE USED FOR MORE THAN FOUR TIMES ON ONE SIDE. THAT IS TOTAL NUMBER OF USES SHALL BE RESTRICTED TO EIGHT , CONSIDERING BOTH SIDES OF THE WATERPROOF SHUTTERING PLY.
6. THE SHUTTERING PATTERN IN ALL BUILDINGS WHERE EXPOSED FORM FINISHED R.C.C. HAS BEEN SPECIFIED BY THE INSTITUTE SHALL CONSIST OF GROOVES OR BOLTMARKS OR BOTH .
7. IN CASE OF COMPOSITE R.C.C. WALL AND COLUMN CONFIGURATION, THE PATTERN SHALL FOLLOW AS GIVEN IN R.C.C. WALL. THIS PATTERN WILL BE DEVELOPED ONLY ON EXPOSED SURFACES.
8. THE FRAME OF THE SHUTTERING PANEL CAN BE MODIFIED AS PER SITE CONDITIONS WITHOUT DISTURBING THE FORM FINISHED EXPOSED R.C.C. PATTERN.

GOOD FOR CONSTRUCTION
For 15/01/10.
ARCHITECTS
COSMIC DESIGNS (P) LTD.
17-A, FIRST FLOOR
JOPLING ROAD, LUCKNOW

LEVELS

1. AGL = AVERAGE EXISTING GROUND LEVEL
2. PGL = PROPOSED GROUND LEVEL
3. PODL = PODIUM LEVEL.
4. PPL = PROPOSED PLINTH LEVEL

REV. NO.	DATE	REMARK

PROJECT:
INDIAN INSTITUTE OF SCIENCE EDUCATION & RESEARCH AT MOHALI, PUNJAB

BUILDING :
ALL BUILDINGS WITH FORM FINISHED EXPOSED R.C.C. .

DRG. TITLE :
TYPICAL DETAILS OF FORM FINISHED EXPOSED R.C.C. PATTERNS.

NORTH	DATE	DRAWING NO.
	15/01/10	1000/AL/1033/R0
	SCALE	
	1:30	

ARCHITECT- D.S.BHUI

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