

CONSTRUCTION OF GODABARISH MISHRA ADARSH PRATHAMIK VIDYALAYA AT GOVT HIGH SCHOOL, BILASPUR,BARGARH .

NOTES :-

PROJECT TITLE :-

CONSTRUCTION OF GODABARISH MISHRA ADARSH PRATHAMIK VIDYALAYA AT VARIOUS LOCATIONS OF ODISHA.

LOCATION :-GOVT HIGH SCHOOL, BILASPUR,BARGARH .

CLIENT :-

ODISHA SCHOOL EDUCATION PROGRAMME AUTHORITY



EXECUTING AGENCY:-

NBCC (INDIA) LIMITED.
(A Government Of India Enterprise)
NBCC Bhawan, Lodhi Road
New Delhi 110 003



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ARCHITECT, ENGINEERS, INTERIORS & LANDSCAPE

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APPROVED BY :-

DRAWING TITLE :-

SURVEY PLAN

DRAWING NO- AR/S&J/NBCC/GMPAV/2026/01

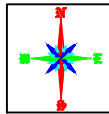
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CAUSE-

SEAL-

DIRECTION

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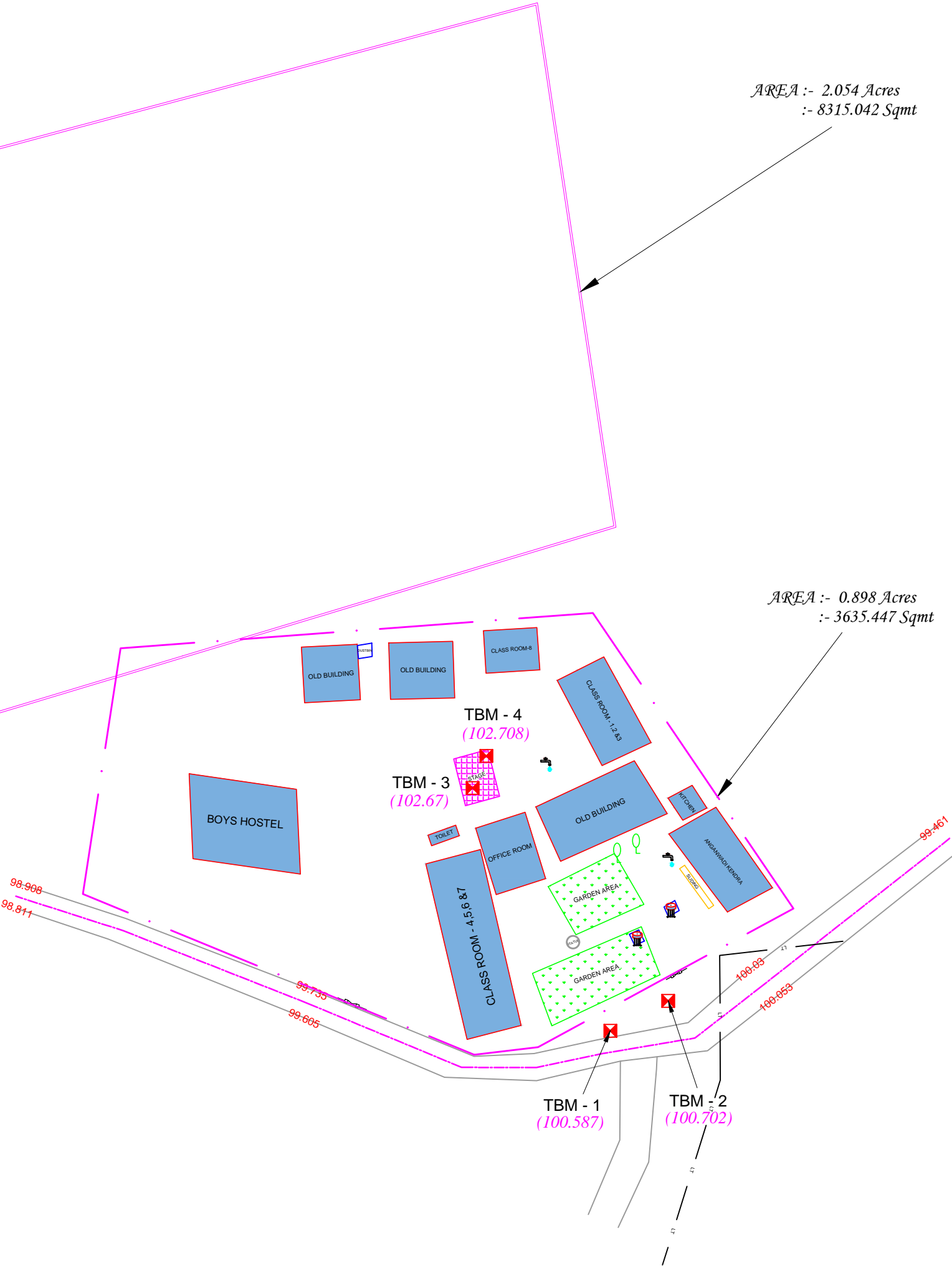


- CONCEPT -- ☐
- TENDER -- ☐
- APPROVAL -- ☐
- GFC -- ☐
- AS BUILT ☐

DATE-23.04.2026

LEGENDS:-

SL.NO	COMPONENTS	SYMBOL
1.	EXISTING STRUCTURES	
2.	EXISTING BOUNDARY	
3.	EXISTING ELECTRIC POLE	
4.	EXISTING LIGHT POLE	
5.	EXISTING TREES	
6.	EXISTING SEWERAGE TANK	
7.	EXISTING BOREWELL	
8.	TBM	
9.	EXISTING CC ROAD	
10.	EXISTING BT ROAD	



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SITE PLAN

DRAWING NO- AR/S&J/NBCC/GMPAV/2026/02

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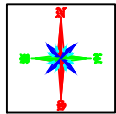
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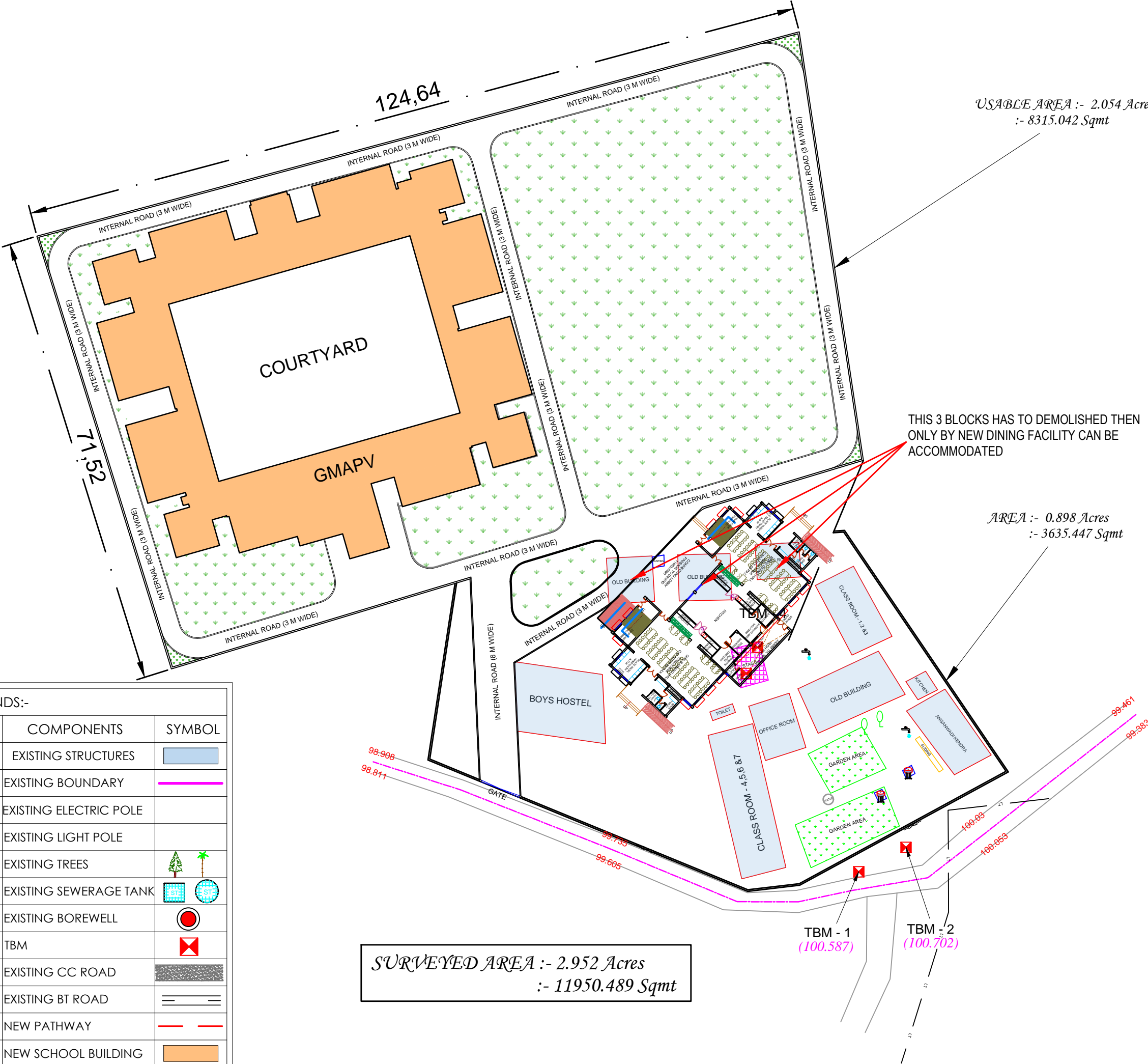
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CONCEPT --
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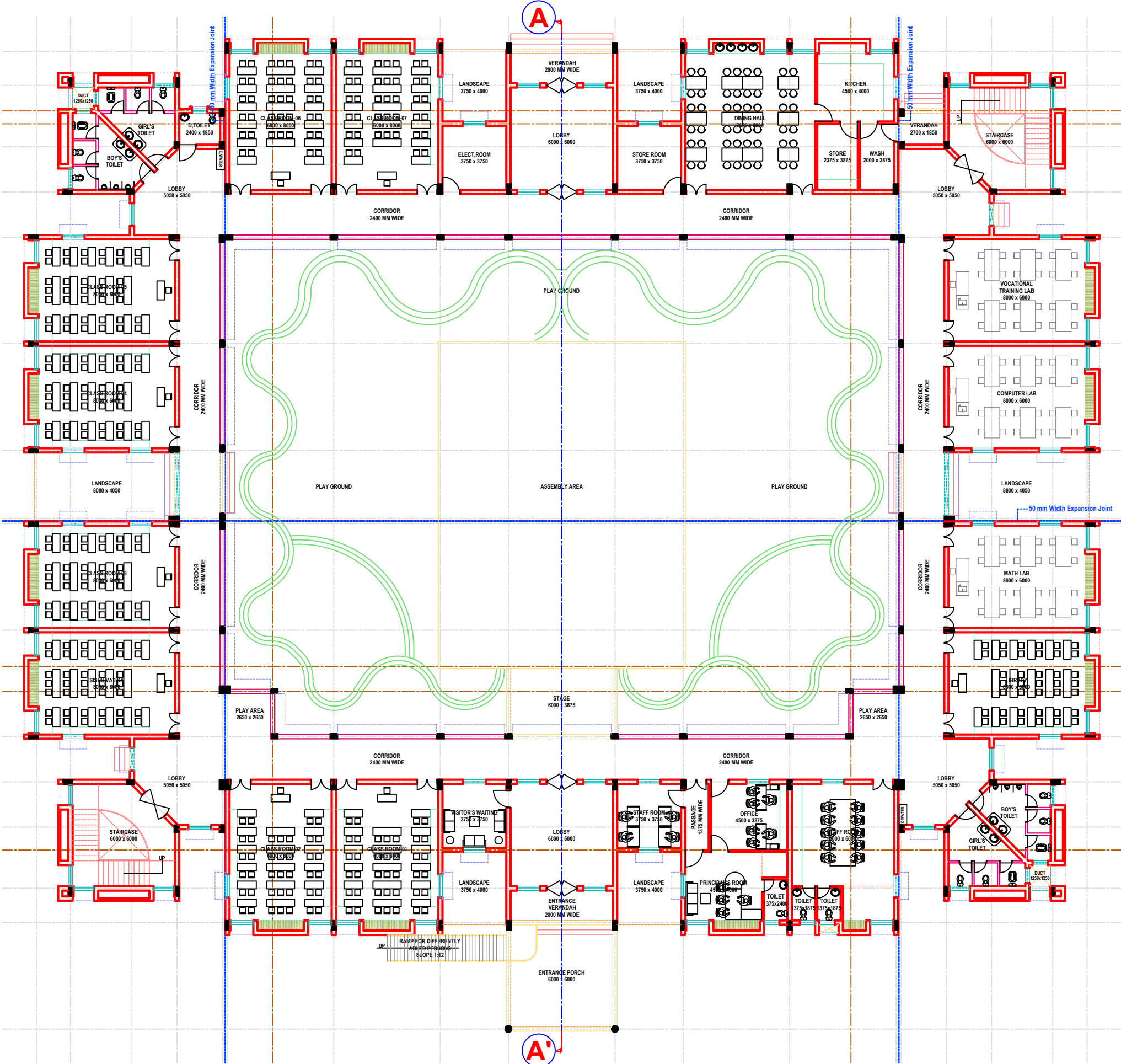
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SL.NO	COMPONENTS	SYMBOL
1.	EXISTING STRUCTURES	
2.	EXISTING BOUNDARY	
3.	EXISTING ELECTRIC POLE	
4.	EXISTING LIGHT POLE	
5.	EXISTING TREES	
6.	EXISTING SEWERAGE TANK	
7.	EXISTING BOREWELL	
8.	TBM	
9.	EXISTING CC ROAD	
10.	EXISTING BT ROAD	
11.	NEW PATHWAY	
12.	NEW SCHOOL BUILDING	



CONSTRUCTION OF GODABARISH MISHRA ADARSH PRATHAMIK VIDYALAYA AT GOVT HIGH SCHOOL, BILASPUR, BARGARH .

NOTES :-



GROUND FLOOR PLAN
(AREA=1783-00 SQM)

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DRAWING TITLE :-

GROUND FLOOR PLAN OF NEW
SCHOOL BUILDING

DRAWING NO-AR/S&J/NBCC/GMPAV/2026/03

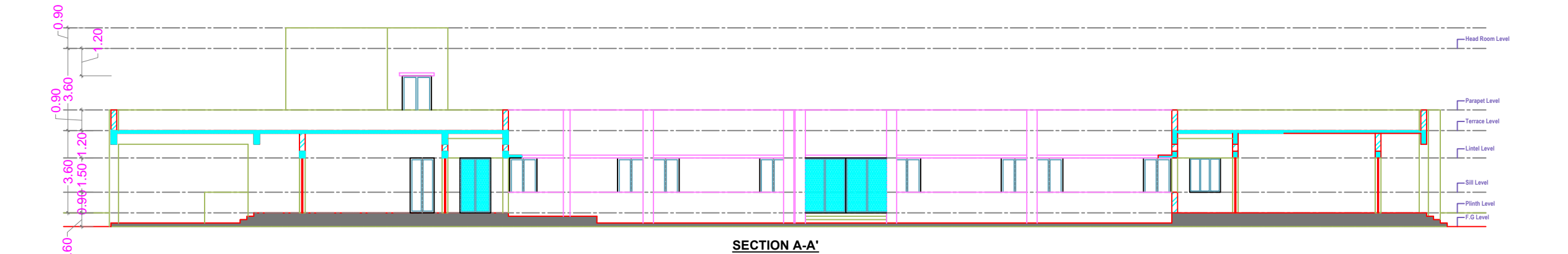
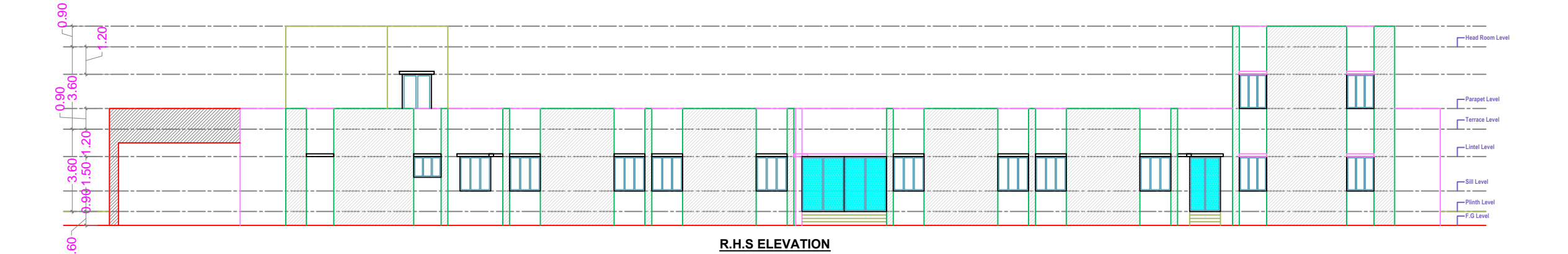
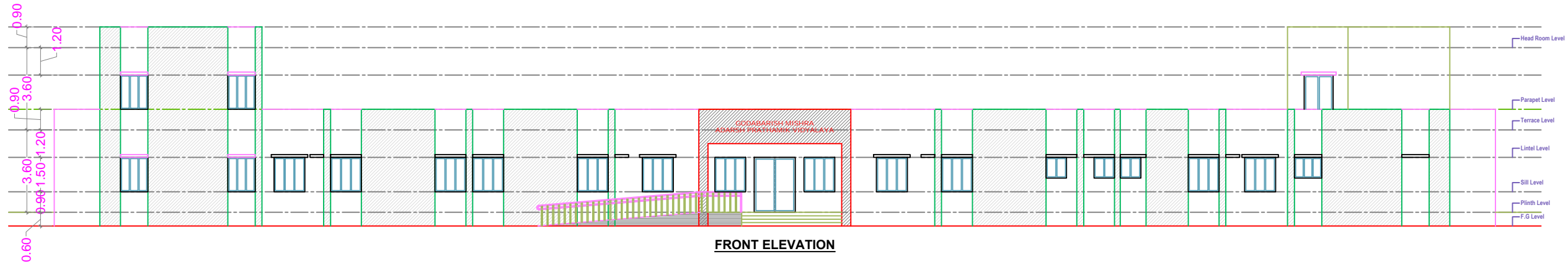
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CAUSE-

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		GFC -- <input type="radio"/>
		AS BUILT <input type="radio"/>

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ELEVATION AND SECTION

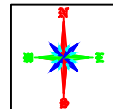
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SEAL-

DIRECTION



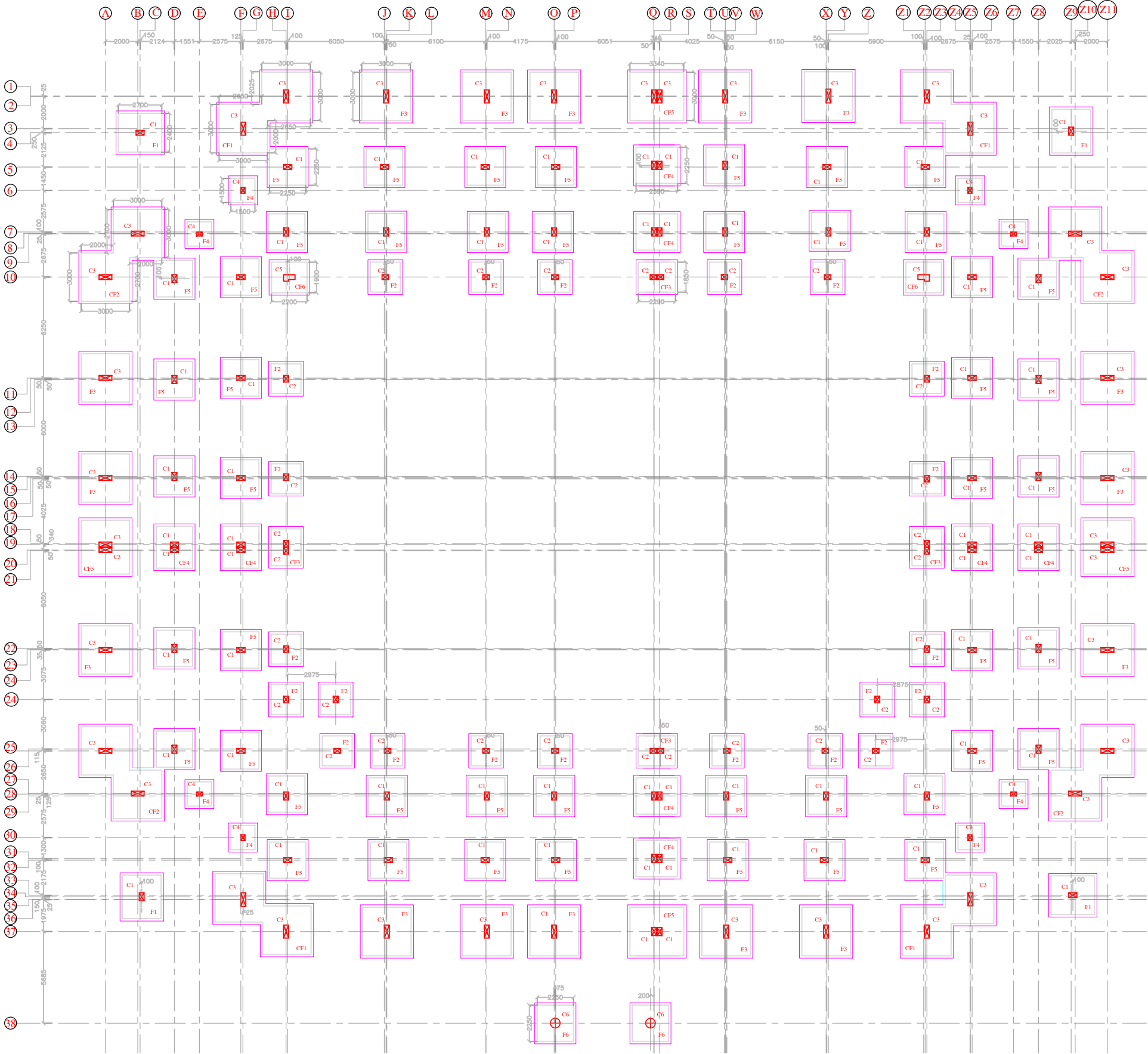
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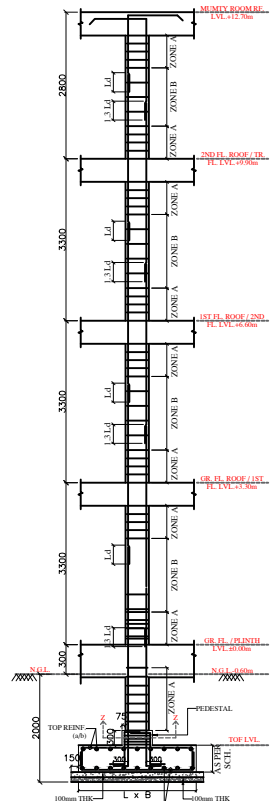
CONSTRUCTION OF GODABARISH MISHRA ADARSH PRATHAMIK VIDYALAYA AT VARIOUS LOCATIONS OF ODISHA.

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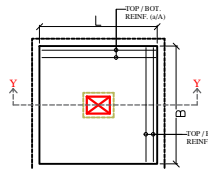


COLUMN FOOTING LAYOUT PLAN

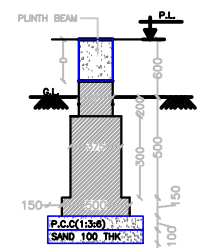
DETAILS OF ISOLATED FOOTING						
NAME	TYPE	Lx	Ly	D	TOP(A/B)	BOT(A/B)
F1	ISOLATED	2700	2400	500	#12 @ 150C/C	#12 @ 110C/C
F2	ISOLATED	1850	1850	400	#10 @ 150C/C	#10 @ 150C/C
F3	ISOLATED	3000	3000	400	#12 @ 100C/C	#12 @ 100C/C
F4	ISOLATED	1500	1500	400	#10 @ 150C/C	#10 @ 150C/C
F5	ISOLATED	2250	2250	450	#10 @ 150C/C	#10 @ 150C/C
F6	ISOLATED	2250	2250	450	#10 @ 150C/C	#10 @ 150C/C
CF1	COMBINED	AS PER PLAN	400	#12 @ 100C/C	#12 @ 100C/C	#12 @ 100C/C
CF2	COMBINED	AS PER PLAN	450	#12 @ 100C/C	#12 @ 100C/C	#12 @ 100C/C
CF3	COMBINED	2290	1850	400	#10 @ 150C/C	#10 @ 150C/C
CF4	COMBINED	2590	2250	400	#10 @ 150C/C	#10 @ 150C/C
CF5	COMBINED	3340	3000	450	#12 @ 100C/C	#12 @ 100C/C



TYP. SECTION (Y-Y) SHOWING REIN. DETAILS OF FOOTING ALONG WITH COLUMN



TYP. PLAN SHOWING REIN. DETAILS OF FOOTING



TYP. WALL FOOTING BELOW PLINTH BEAMS OF EXTERNAL WALLS

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APPROVED BY :-

DRAWING TITLE :-

FOOTING LAYOUT PLAN.

DRAWING NO-STR/S&J/NBCC/GMPAV/2026/01

REVISIONS- 00

CAUSE-

SEAL-

DIRECTION

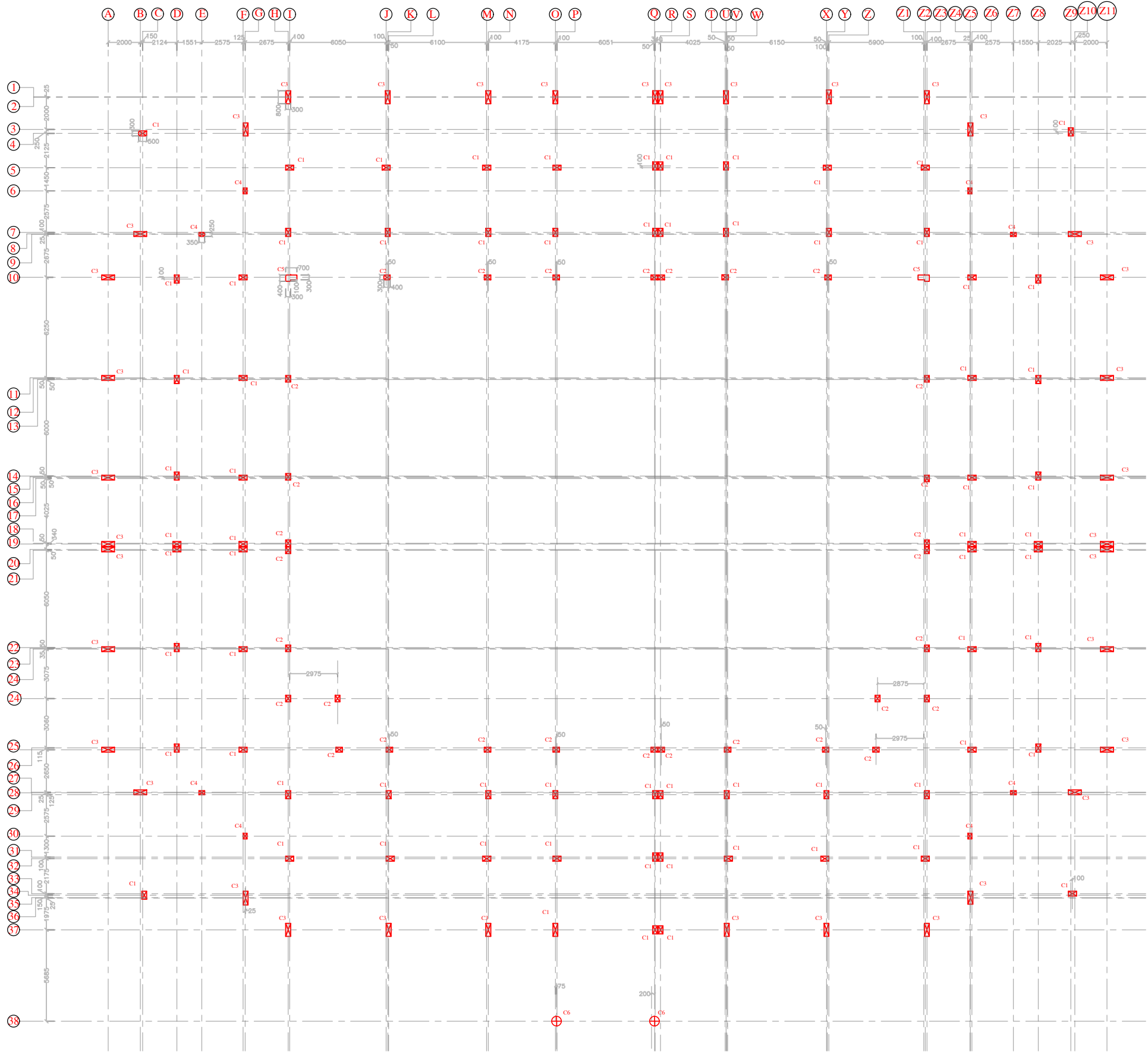
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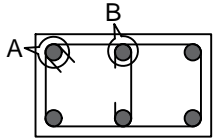
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NOTES :-



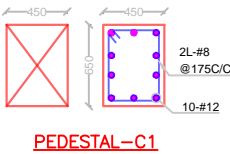
COLUMN REINFORCEMENT SCHEDULE :-

COLUMN NO.	COL. SIZE	NO.	FOOTING TO GR. FL. LVL.	TIES	ZONE A	ZONE B
C1	300x500	70			#8 @ 100C/C	#8 @ 150C/C
C2	300x400	30			#8 @ 100C/C	#8 @ 150C/C
C3	300x850	38			#12 @ 80C/C	#12 @ 135C/C
C4	250x350	08			#8 @ 100C/C	#8 @ 150C/C
C5	AS PER PLAN	02			#10 @ 100C/C	#10 @ 150C/C
C6	600 Ø	02			#8 @ 100C/C	#8 @ 125C/C

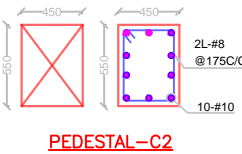


TYP. DETAILS OF SINGLE IN COLUMN

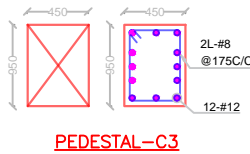
COLUMN LAYOUT PLAN



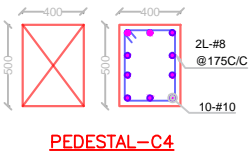
PEDESTAL-C1



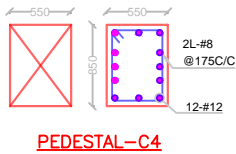
PEDESTAL-C2



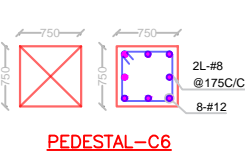
PEDESTAL-C3



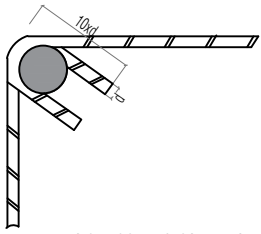
PEDESTAL-C4



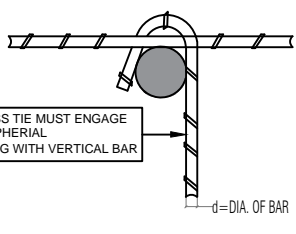
PEDESTAL-C4



PEDESTAL-C6



DETAILS OF HOOK IN CLOSED TIES (DETAILS AT "A")



DETAILS OF HOOK IN OPEN TIES (DETAILS AT "B")

CROSS TIE MUST ENGAGE PERIPHERAL ALONG WITH VERTICAL BAR

Ø=DIA. OF BAR

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APPROVED BY :-

DRAWING TITLE :-

COLUMN LAYOUT PLAN.

DRAWING NO-STR/S&J/NBCC/GMPAV/2026/02

REVISIONS- 00

CAUSE-

SEAL-

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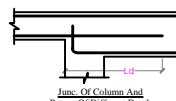
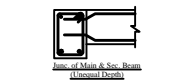
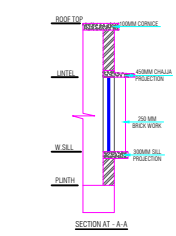
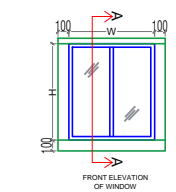
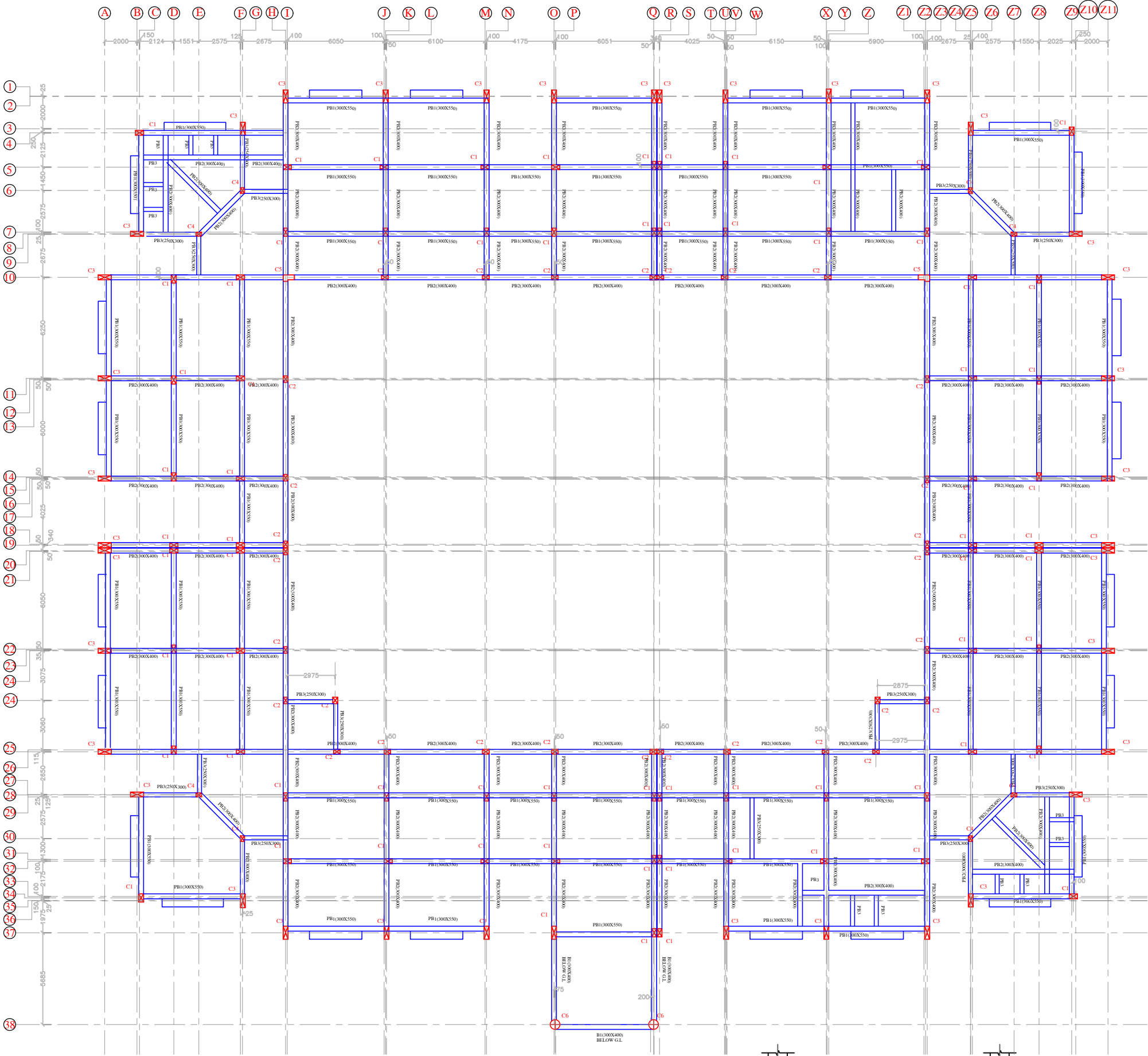
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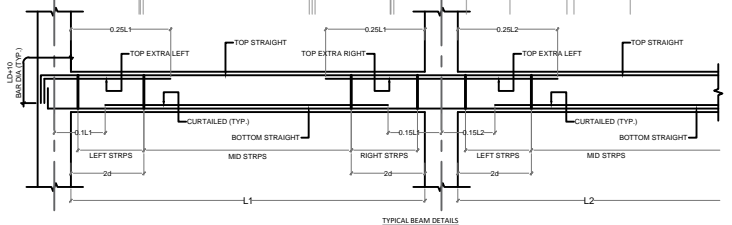
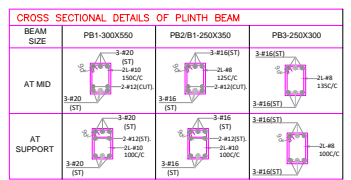
CONSTRUCTION OF GODABARISH MISHRA ADARSH PRATHAMIK VIDYALAYA AT VARIOUS LOCATIONS OF ODISHA.

NOTES :-



PLINTH BEAM FRAMING PLAN AT LVL:- (+)0.000M

BEAM SCHEDULE AT PLINTH LVL. 40.00m :-							
BEAM NAME	SIZE IN MM	BOTTOM STEEL				TOP STEEL	
		STRAIGHT	CURTAINED	EXTRA LEFT	EXTRA RIGHT	STRAIGHT	EXTRA LEFT
PB1	300x350	5-#20(ST)	2-#12	---	---	5-#20(ST)	2-#12(ST)
PB2	300x400	5-#16(ST)	2-#12	---	---	5-#16(ST)	2-#12(ST)
PB3	250x300	5-#16(ST)	---	---	---	5-#16(ST)	---



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DRAWING TITLE :-

PLINTH BEAM LAYOUT PLAN.

DRAWING NO-STR/S&J/NBCC/GMPAV/2026/03

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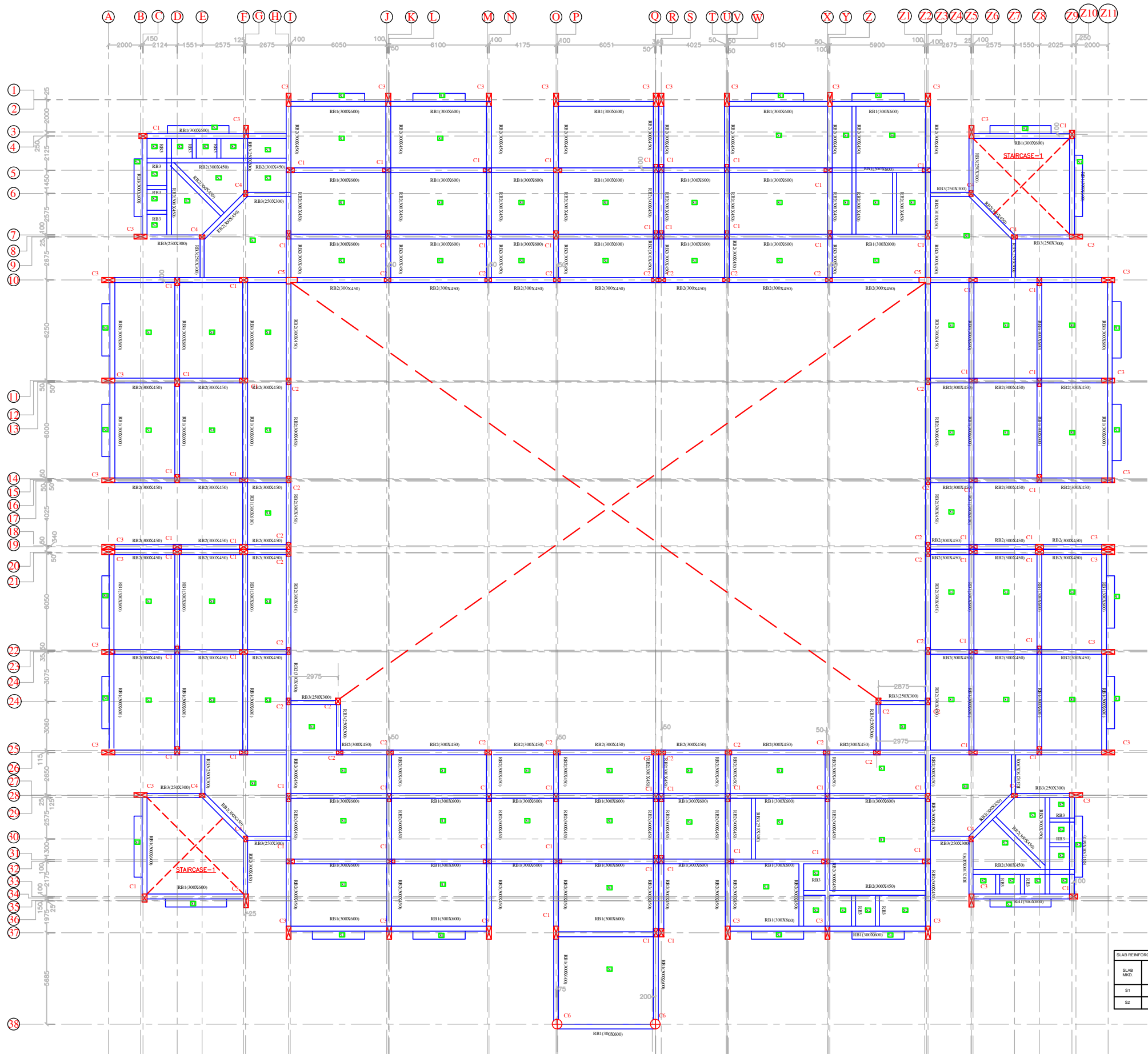
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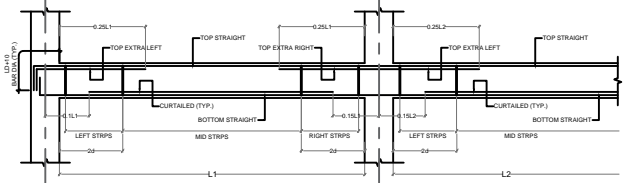
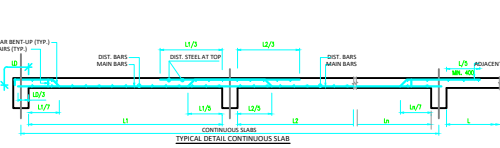
NOTES :-



TERRACE FLOOR BEAM FRAMING PLAN AT LVL:- (+)3.600M

BEAM SCHEDULE AT TERRACE FLOOR LVL: +3.600m :-									
BEAM NAME	SIZE IN MM	BOTTOM STEEL			TOP STEEL			STIRRUPS	SIDE FACE REINF. (EACH FACE)
		STRAIGHT	CURTAINED	EXTRA RIGHT	STRAIGHT	EXTRA LEFT	EXTRA RIGHT		
RB1	300x600	3-#20(ST)	2-#20(ST)	---	3-#20(ST)	---	---	2L-#10@100C 2L-#10@125C	3-#12
RB2	300x450	3-#20(ST)	2-#16(ST)	---	3-#20(ST)	2-#12(ST)	2-#12(ST)	2L-#8@100C 2L-#8@125C	---
RB3	250x300	3-#16(ST)	2-#12(EXT)	---	3-#16(ST)	---	---	2L-#8@100C 2L-#8@125C	---

CROSS SECTIONAL DETAILS OF TERRACE FLOOR BEAM			
BEAM SIZE	RB1-300X600	RB2-300X450	RB3-250X300
AT MID			
AT SUPPORT			



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TERRACE FLOOR BEAM LAYOUT PLAN.

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MUMTY BEAM LAYOUT PLAN.

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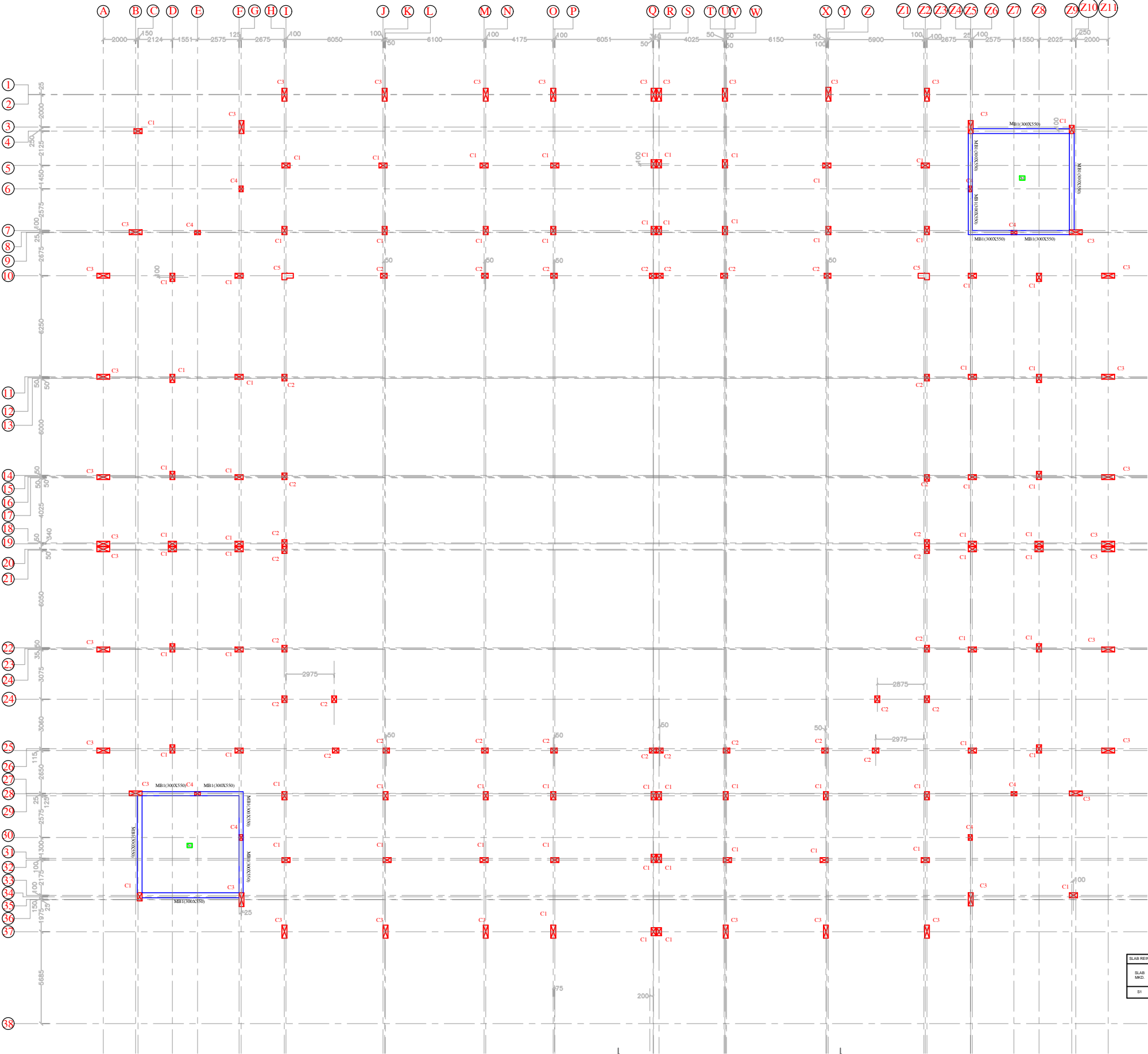
SEAL-

DIRECTION

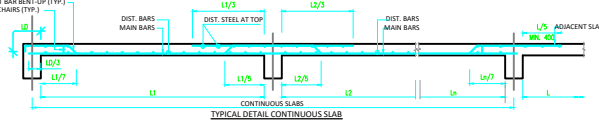
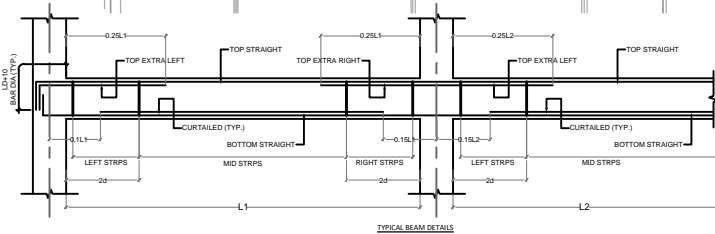
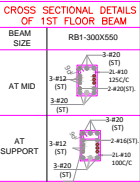
DWG.STATUS

- CONCEPT --
TENDER --
APPROVAL --
GFC --
AS BUILT

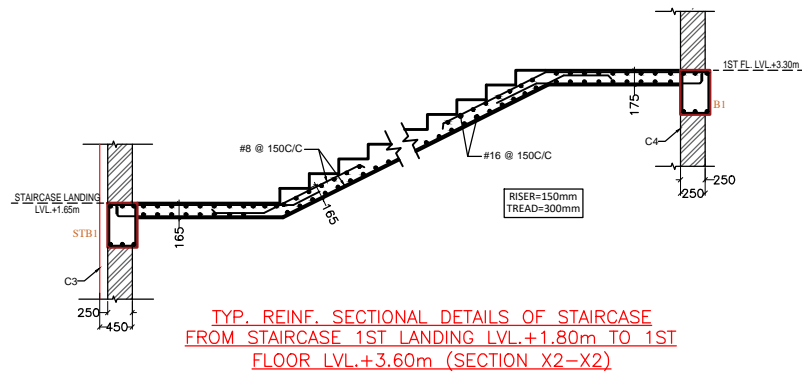
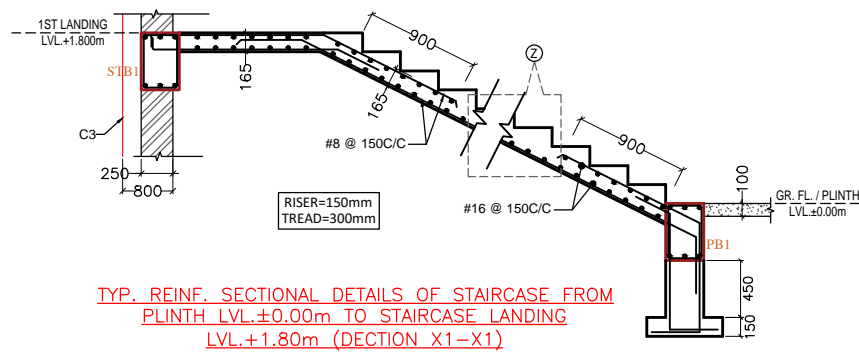
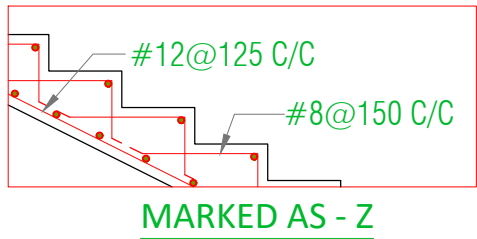
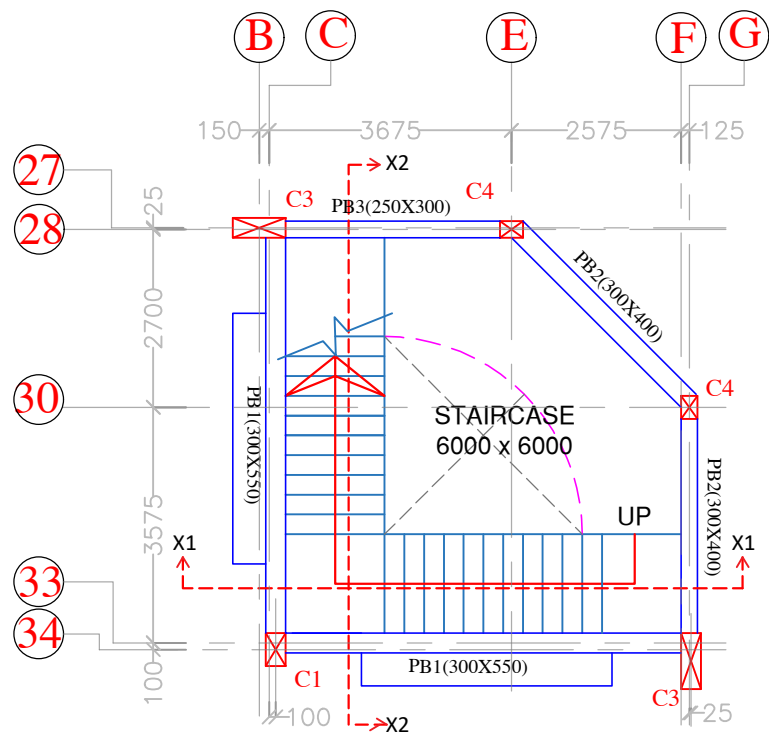
DATE-23.04.2026



MUMTY FLOOR BEAM FRAMING PLAN AT LVL:- (+)6.400M

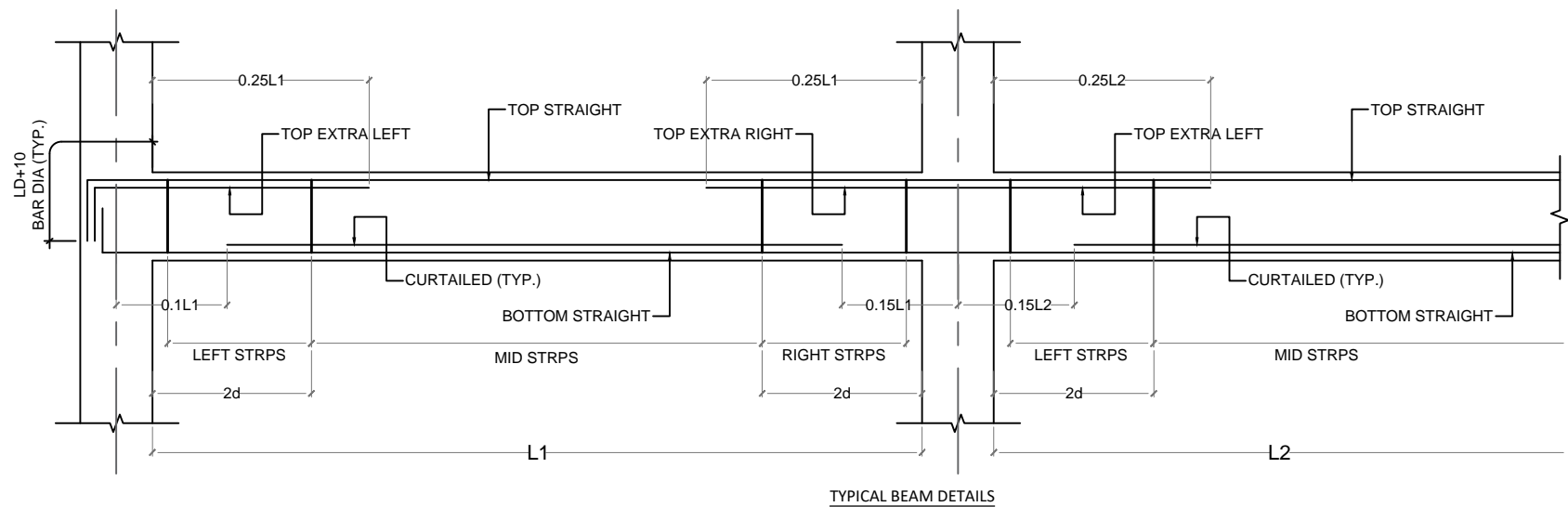
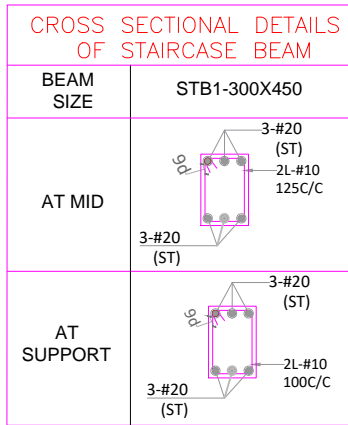


SLAB REINFORCEMENT DETAILS					
SLAB NO.	SLAB THK.	BOTTOM REINFORCEMENT		TOP REINFORCEMENT AT BEAM SUPPORT	
		1/ TO SHORTER SPAN	2/ TO LONGER SPAN	1/ TO SHORTER SPAN	2/ TO LONGER SPAN
B1	150mm	#10 @ 150C/C	#10 @ 150C/C	#10 @ 150C/C	#10 @ 150C/C



BEAM SCHEDULE AT MUMTY FLOOR LVL ±6.40m :-

BEAM NAME	SIZE IN MM	BOTTOM STEEL				TOP STEEL			STIRRUPS		SIDE FACE REINF. (EACH FACE)	REMARKS
		STRAIGHT	CURTAILED	EXTRA LEFT	EXTRA RIGHT	STRAIGHT	EXTRA LEFT	EXTRA RIGHT	AT SUPPORT	AT MID		
STB1	300x450	3-#20(ST)	---	---	---	3-#20(ST)	---	---	2L-#10@100C/C	2L-#10@125C/C		---



PROJECT TITLE :-

CONSTRUCTION OF GODABARISH MISHRA ADARSH PRATHAMIK VIDYALAYA AT VARIOUS LOCATIONS OF ODISHA.

CLIENT :-

ODISHA SCHOOL EDUCATION PROGRAMME AUTHORITY



EXECUTING AGENCY:-

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DESIGNED BY :- ER.PRADYUMNA SAGAR SAHOO

DRAWN BY :-

CHECKED BY :-

APPROVED BY :-

DRAWING TITLE :-

STAIRCASE BEAM
LAYOUT PLAN &
SECTION.

DRAWING NO-STR/S&J/NBCC/GMPAV/2026/06

REVISIONS- 00

CAUSE-

SEAL-

DIRECTION

DWG.STATUS

DATE-23.04.2026

CONCEPT --
TENDER --
APPROVAL --
GFC --
AS BUILT