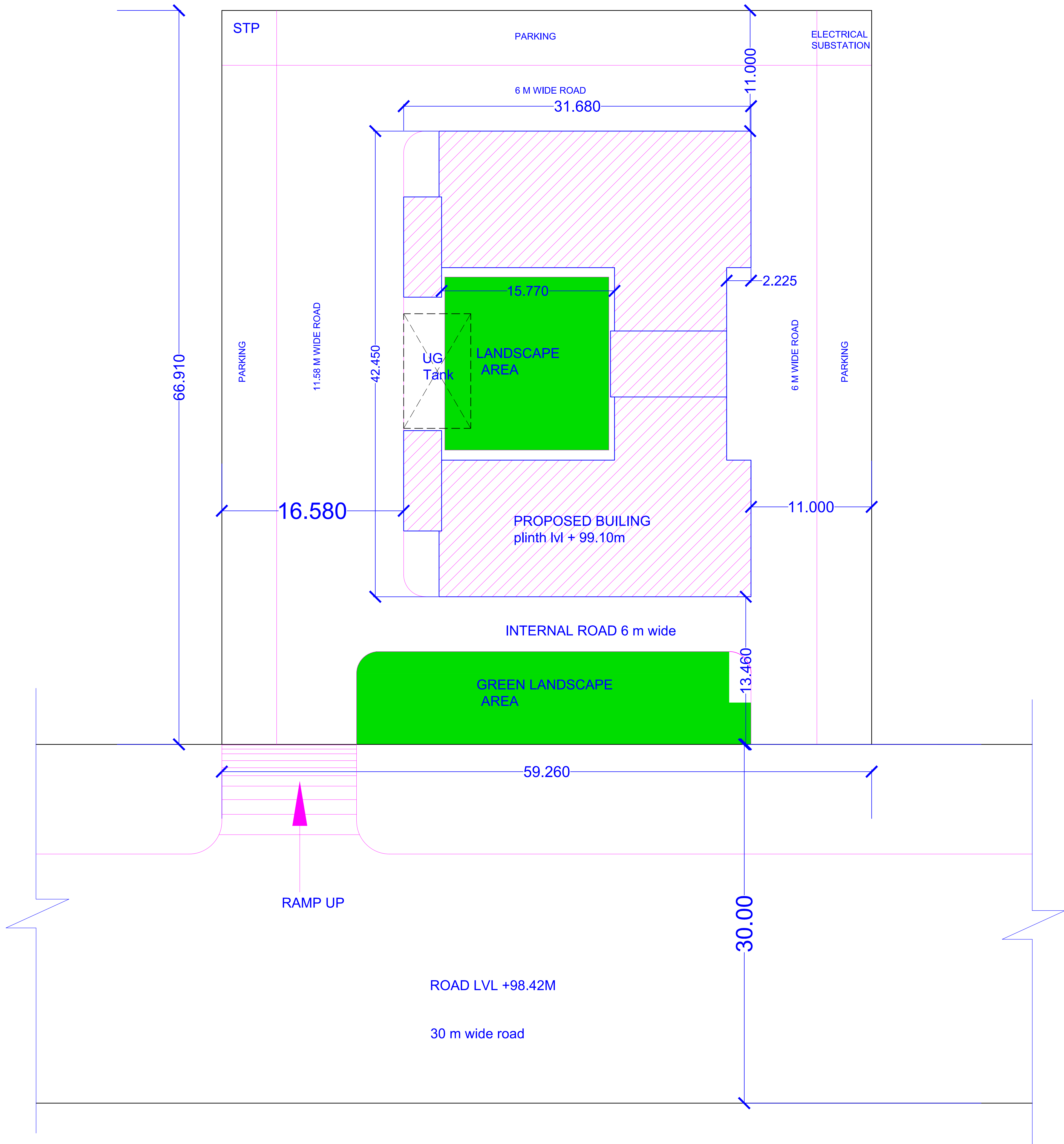
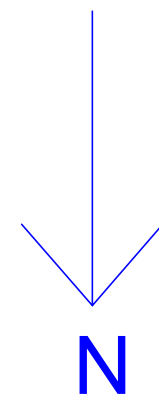
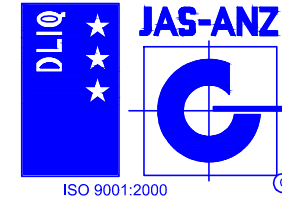
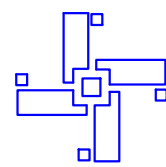




REVISED TENDER
DRAWING FOR REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI.



ARCHITECT'S SIGN. OWNER'S SIGN.



PROJECT ARCHITECT
CREATIVE CONSORTIUM
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
SCO -56-57, SWASTIK VIHAR, M.D.C SECTOR - 5, PANCHKULA.
TEL.: 2556694, Fax: 2556615
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NEW DELHI; PH. 7838071488
Web site : www.creativeconsortium.co.in
info@creativeconsortium.co.in,
creativeconsortium.india@gmail.com

SCALE:- DATE:-21-01-2021
NAME:- CHKD. BY:-

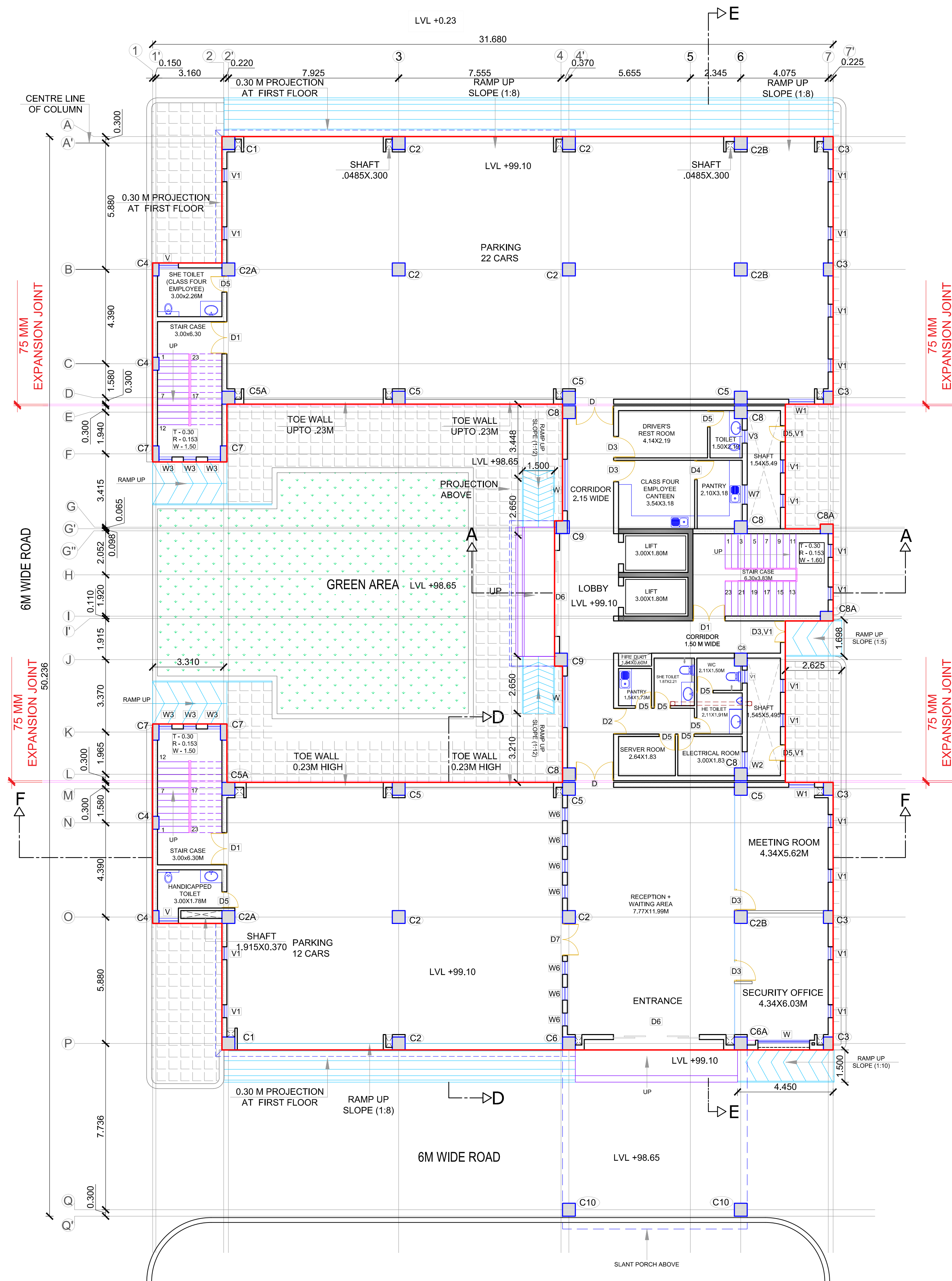
DRAWING TITLE:- SR.NO.
REVISED SITE PLAN AS PER 1 R1
NEW SITE DIMENSIONS

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

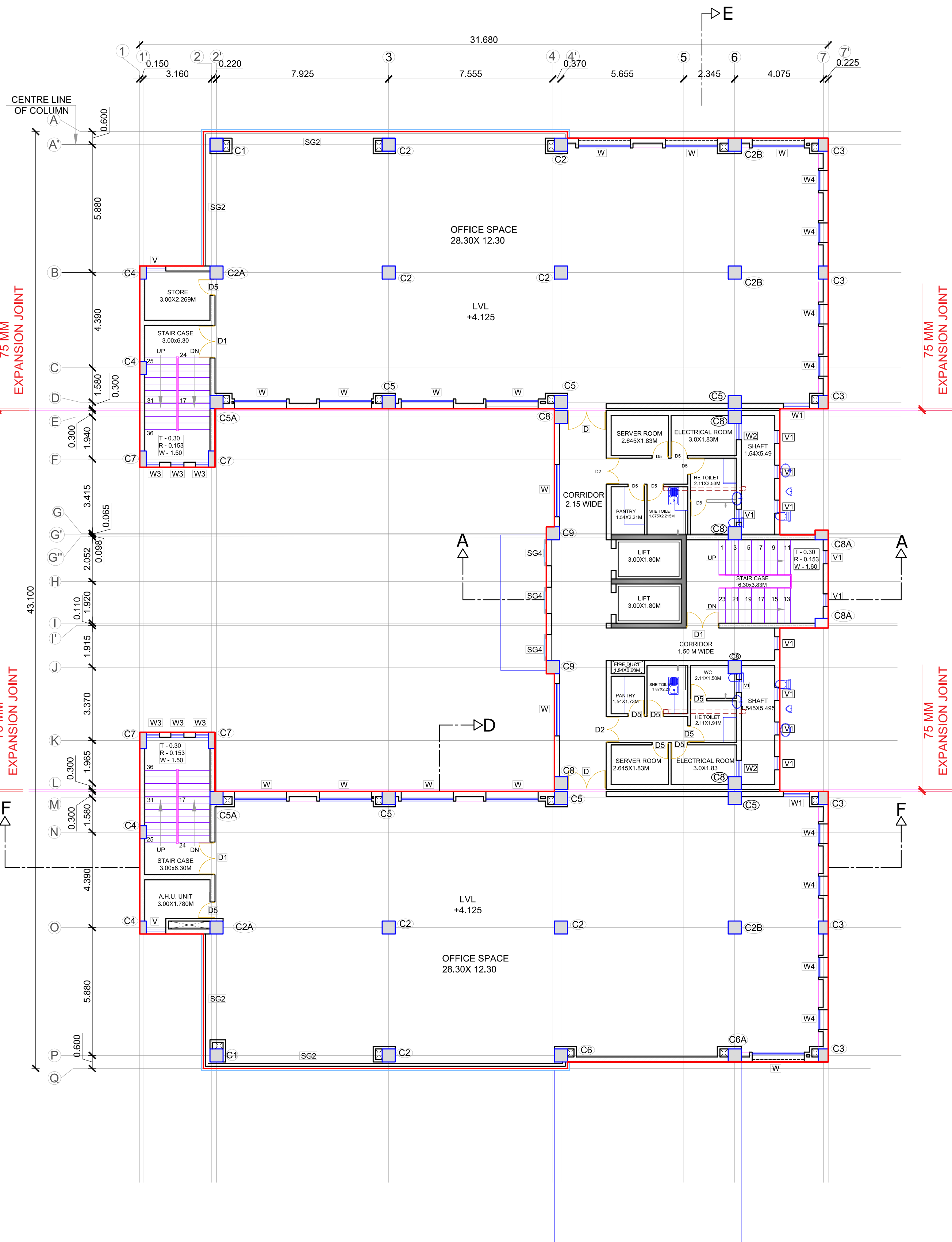
TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

- NOTES:-
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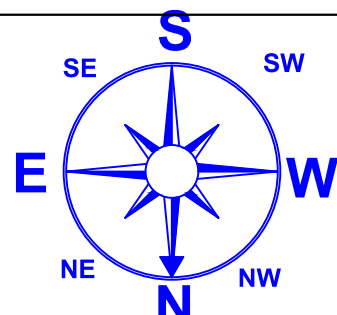
JOINERY DETAIL :-			
TYPE	SIZE	CILL LVL.	LINTEL LVL.
D	1.780X2.10	±0	2.10
D1	1.500X2.10	±0	2.10
D2	1.200X2.10	±0	2.10
D3	1.000X2.10	±0	2.10
D4	0.900X2.10	±0	2.10
D5	0.760X2.10	±0	2.10
D6	4.00X3.00	±0	3.00
D7	1.50X3.00	±0	3.00
W	2.400X2.000	1.000	3.00
W1	1.200X2.000	1.000	3.00
W2	0.750X2.000	1.000	3.00
W3	0.600X2.000	1.000	3.00
W4	0.900X2.000	1.000	3.00
W5	0.600X1.100	1.000	2.10
W6	0.600X2.000	1.000	3.00
W7	0.900X1.050	1.050	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIABLES	1.000	3.00
SG3	2.400X5.675	1.000	3.00
SG4	1.200X11.175	1.000	3.00



STILT FLOOR PLAN

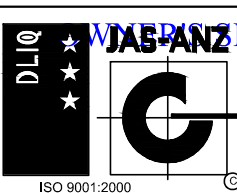


FIRST FLOOR PLAN



ARCHITECT'S SIGN.

ARCHITECT'S SIGN.



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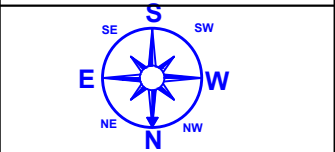
SCALE:- N.T.S.	DATE:-
NAME:- JITENDER	CHKD. BY:-
DRAWING TITLE:- STILT AND FIRST FLOOR PLAN	DRG.NO. 6001

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR
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OFFICE BUILDING FOR
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JOINERY DETAIL :-			
TYPE	SIZE	CILL LVL.	LINTEL LVL.
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D1	1.500X2.10	±0	2.10
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D4	0.900X2.10	±0	2.10
D5	0.760X2.10	±0	2.10
D6	4.00X3.00	±0	3.00
D7	1.50X3.00	±0	3.00
W	2.400X2.000	1.000	3.00
W1	1.200X2.000	1.000	3.00
W2	0.750X2.000	1.000	3.00
W3	0.600X2.000	1.000	3.00
W4	0.900X2.000	1.000	3.00
W5	0.600X1.100	1.000	2.10
W6	0.600X2.000	1.000	3.00
W7	0.900X1.050	1.050	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIABLES	1.000	3.00
SG3	2.400X5.675	1.000	3.00
SG4	1.200X11.175	1.000	3.00



ARCHITECT'S SIGN. 



PROJECT ARCHITECT
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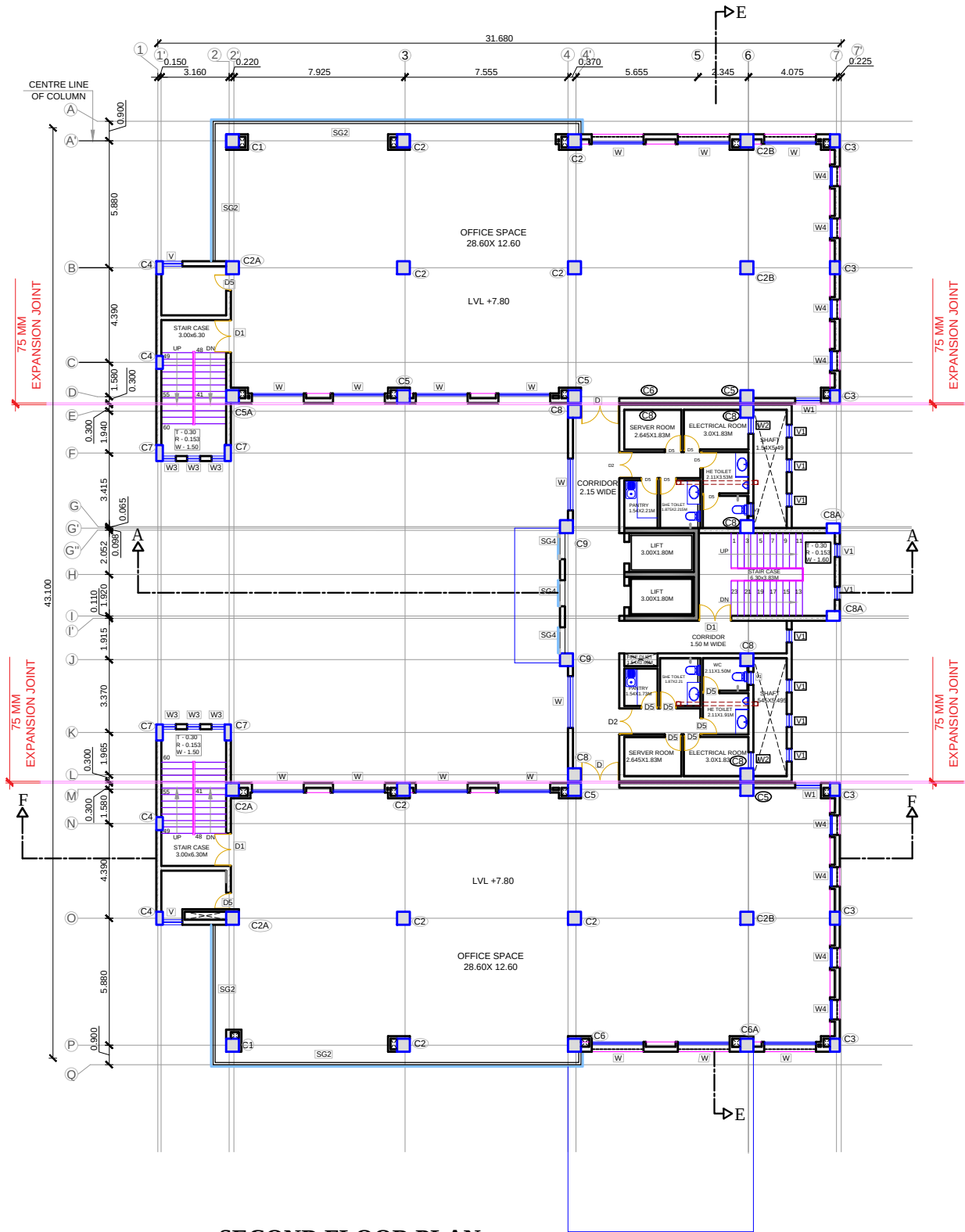
SCALE:- N.T.S. DATE:-

NAME:- JITENDER CHKD. BY:-

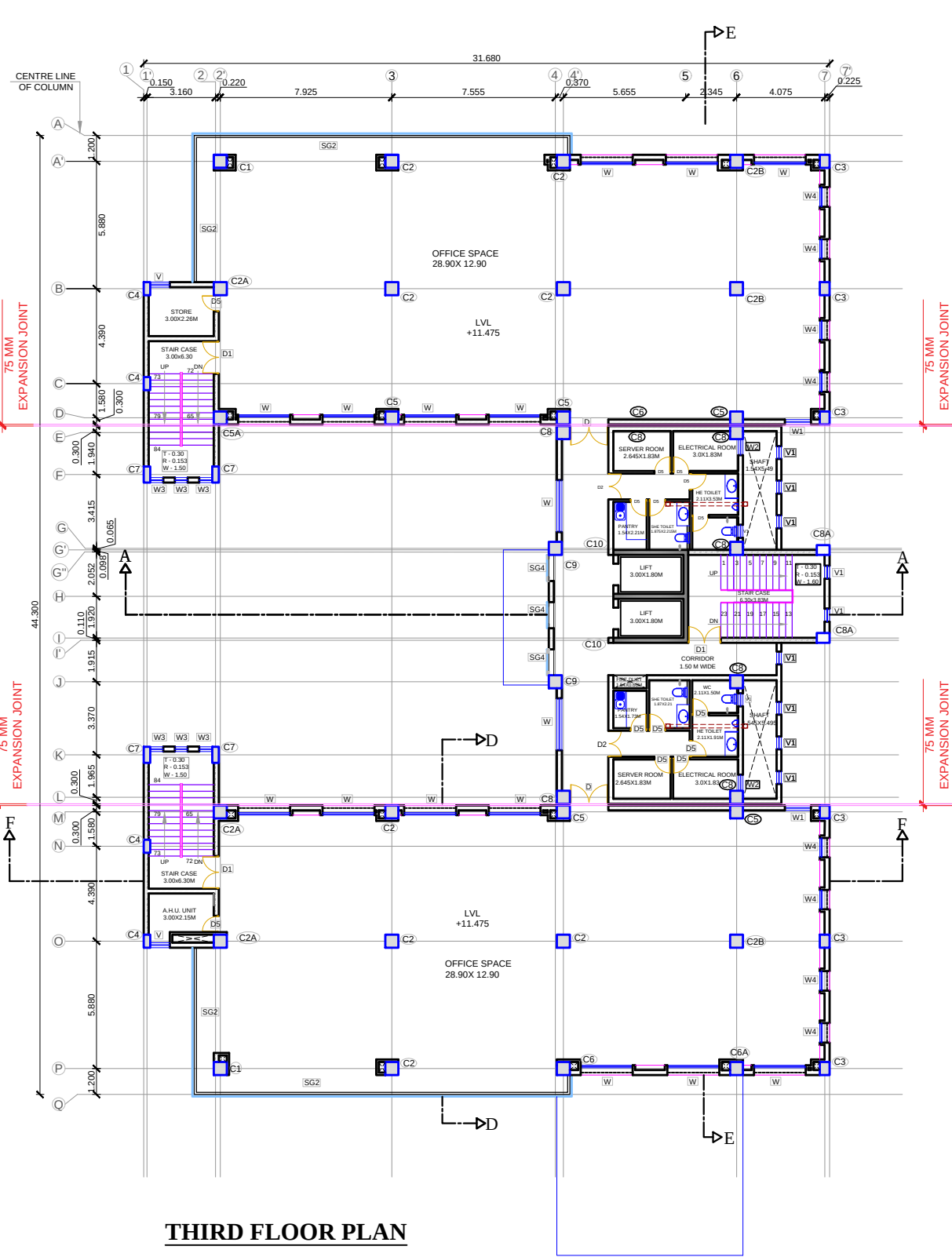
DRAWING TITLE:- DRG.NO.

SECOND AND THIRD FLOOR PLAN 3

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



SECOND FLOOR PLAN

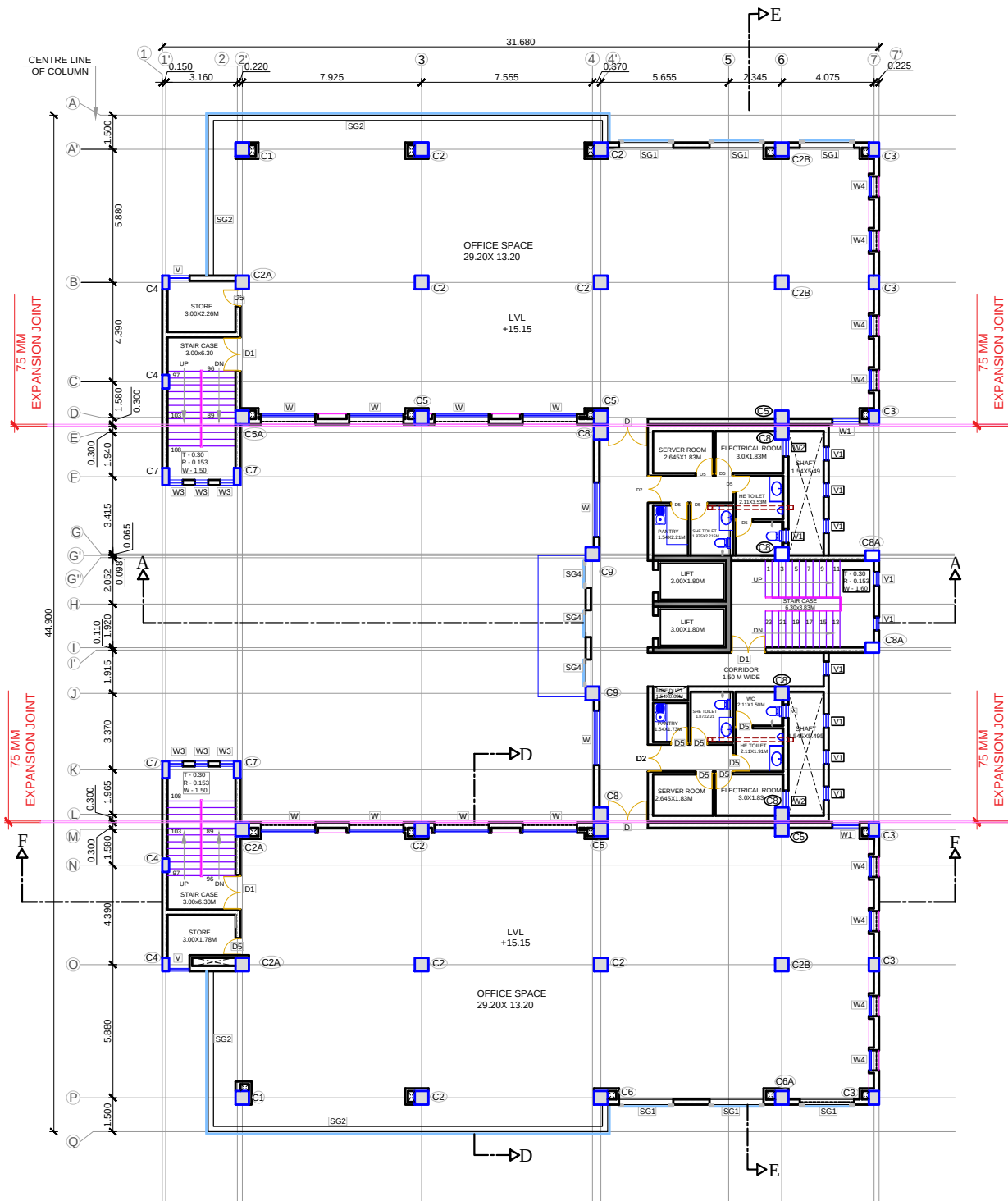


THIRD FLOOR PLAN

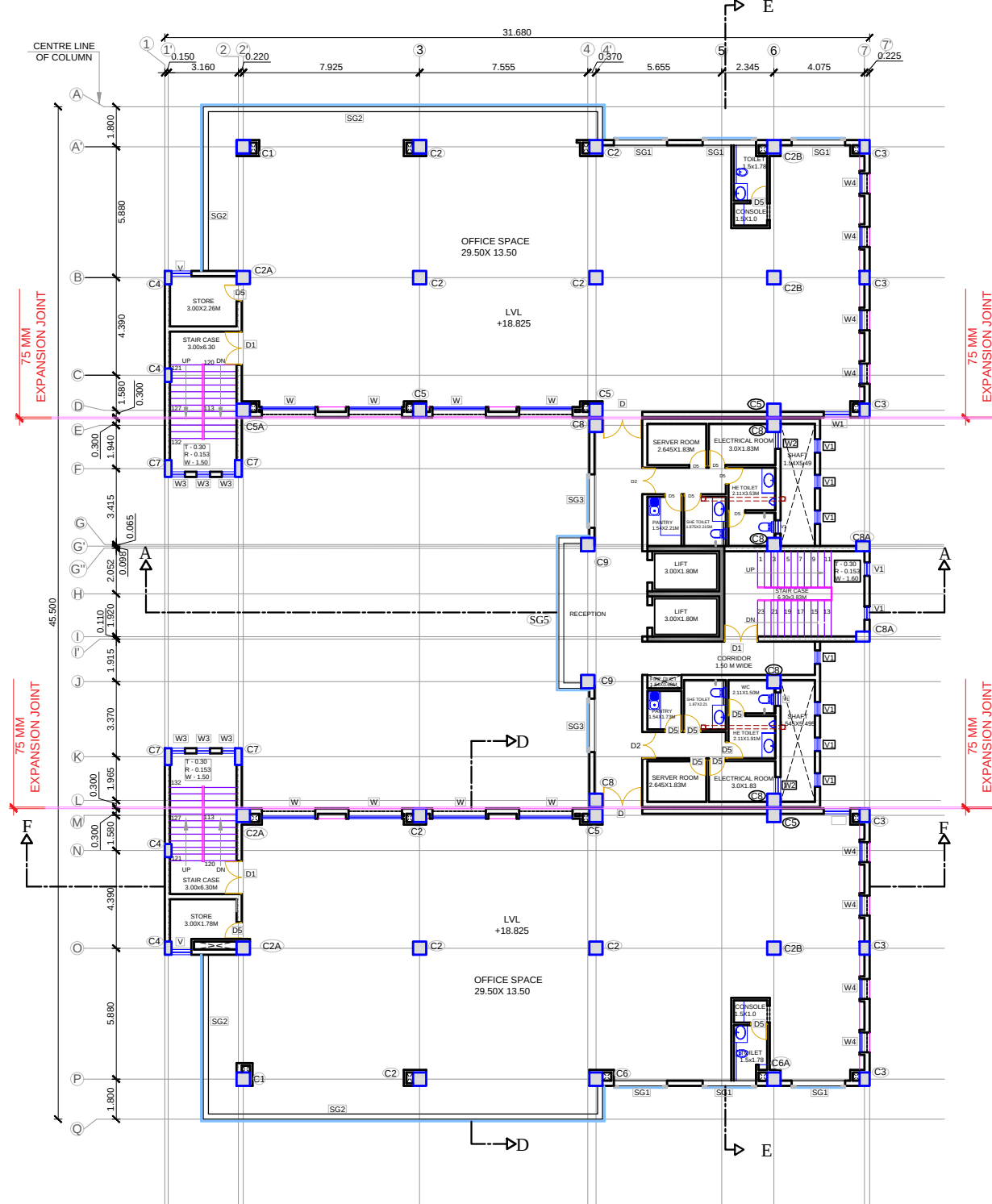
TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

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JOINERY DETAIL :-			
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D	1.780X2.10	±0	2.10
D1	1.500X2.10	±0	2.10
D2	1.200X2.10	±0	2.10
D3	1.00X2.10	±0	2.10
D4	0.900X2.10	±0	2.10
D5	0.760X2.10	±0	2.10
D6	4.00X3.00	±0	3.00
D7	1.50X3.00	±0	3.00
W	2.400X2.000	1.000	3.00
W1	1.200X2.000	1.000	3.00
W2	0.750X2.000	1.000	3.00
W3	0.600X2.000	1.000	3.00
W4	0.900X2.000	1.000	3.00
W5	0.600X1.100	1.000	2.10
W6	0.600X2.000	1.000	3.00
W7	0.900X1.050	1.050	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIABLES	1.000	3.00
SG3	2.400X5.675	1.000	3.00
SG4	1.200X11.175	1.000	3.00



FOURTH FLOOR PLAN



FIFTH FLOOR PLAN

ARCHITECT'S SIGN.

OWNER'S SIGN.

PROJECT ARCHITECT

CREATIVE CONSORTIUM
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SCO -56-57, SWASTIK VIHAR, M.D.C SECTOR - 5, PANCHKULA.
TEL: 2566694, FAX: 2566613
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NEW DELHI; PH: 7838071488
Web site : www.creativeconsortium.co.in
info@creativeconsortium.co.in
creativeconsortium.india@gmail.com

SCALE:- N.T.S.

DATE:-

NAME:- JITENDER

CHKD. BY:-

DRAWING TITLE:-
FOURTH AND FIFTH FLOOR PLAN

DRG.NO.
4

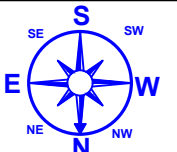
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR
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OFFICE BUILDING FOR
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JOINERY DETAIL :-

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D2	1.200X2.10	±0	2.10
D3	1.00X2.10	±0	2.10
D4	0.900X2.10	±0	2.10
D5	0.760X2.10	±0	2.10
D6	4.00X3.00	±0	3.00
D7	1.50X3.00	±0	3.00
W	2.400X2.000	1.000	3.00
W1	1.200X2.000	1.000	3.00
W2	0.750X2.000	1.000	3.00
W3	0.600X2.000	1.000	3.00
W4	0.900X2.000	1.000	3.00
W5	0.600X1.100	1.000	2.10
W6	0.600X2.000	1.000	3.00
W7	0.900X1.050	1.050	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIABLES	1.000	3.00
SG3	2.400X5.675	1.000	3.00
SG4	1.200X11.175	1.000	3.00



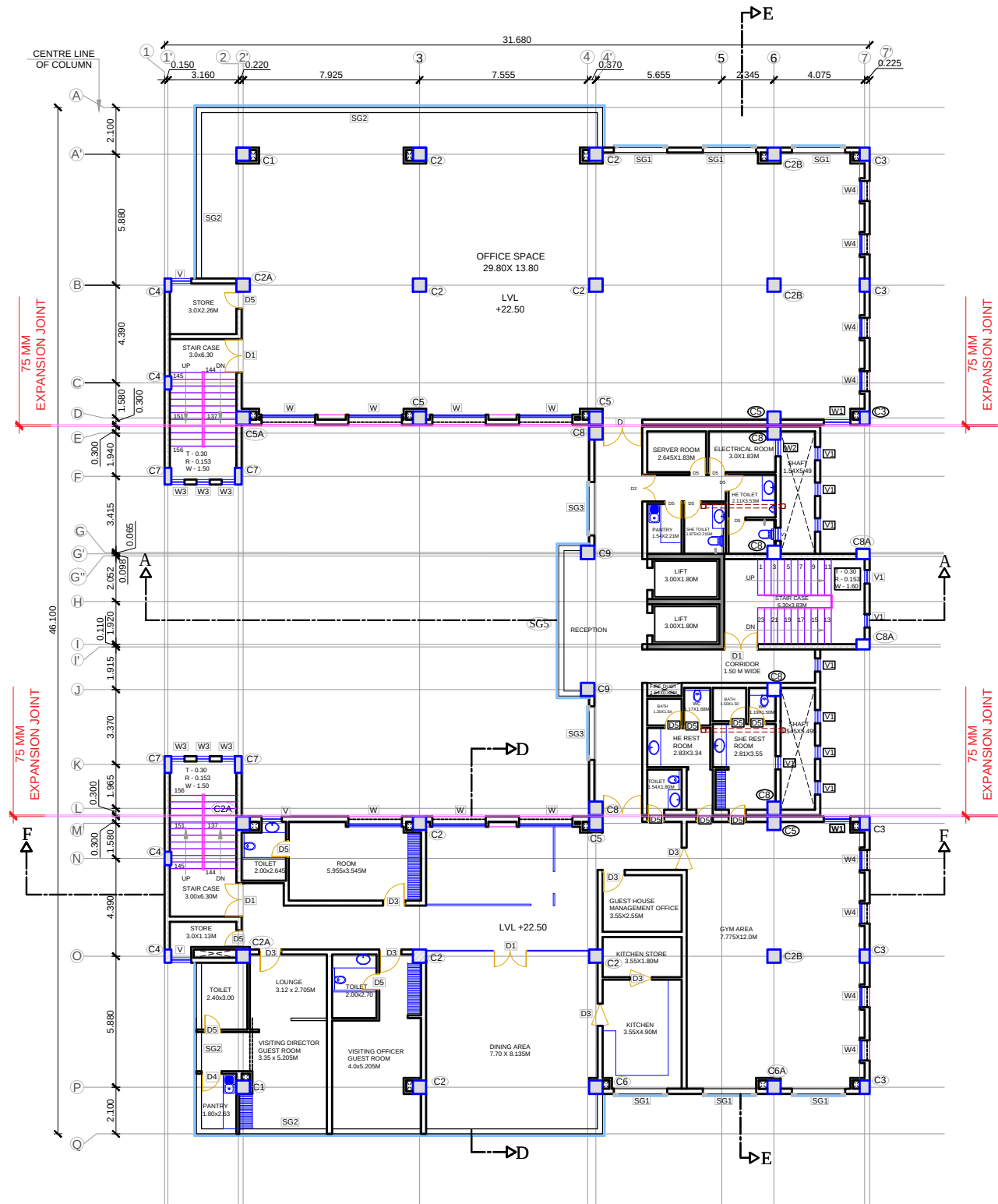
ARCHITECT'S SIGN. OWNER'S SIGN.



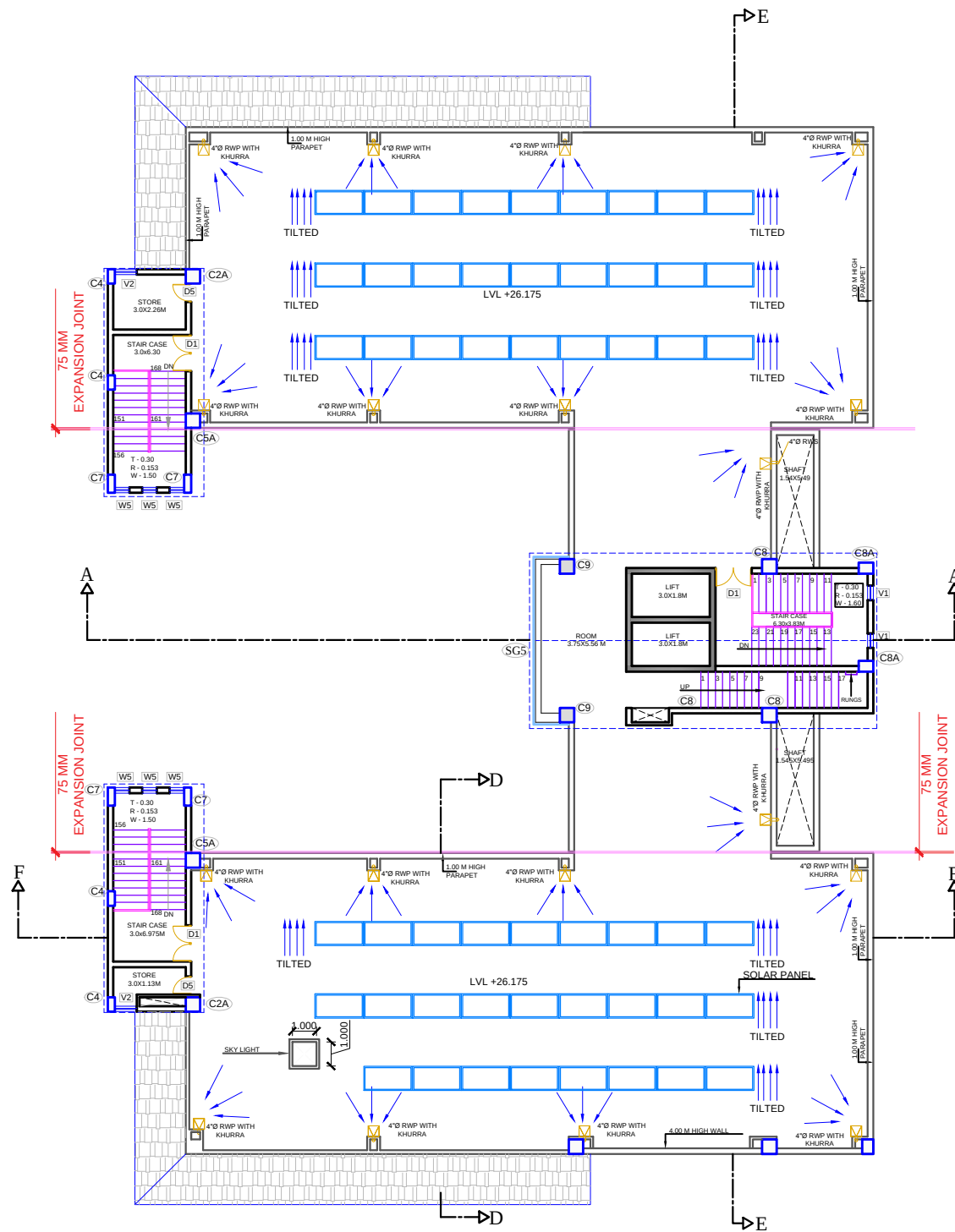
PROJECT ARCHITECT:
CREATIVE CONSORTIUM
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creativeconsortium.india@gmail.com

SCALE:- N.T.S. DATE:-
NAME:- JITENDER CHKD. BY:-
DRAWING TITLE:-
SIXTH AND TERRACE LAN DRG.NO.
5

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



SIXTH FLOOR PLAN



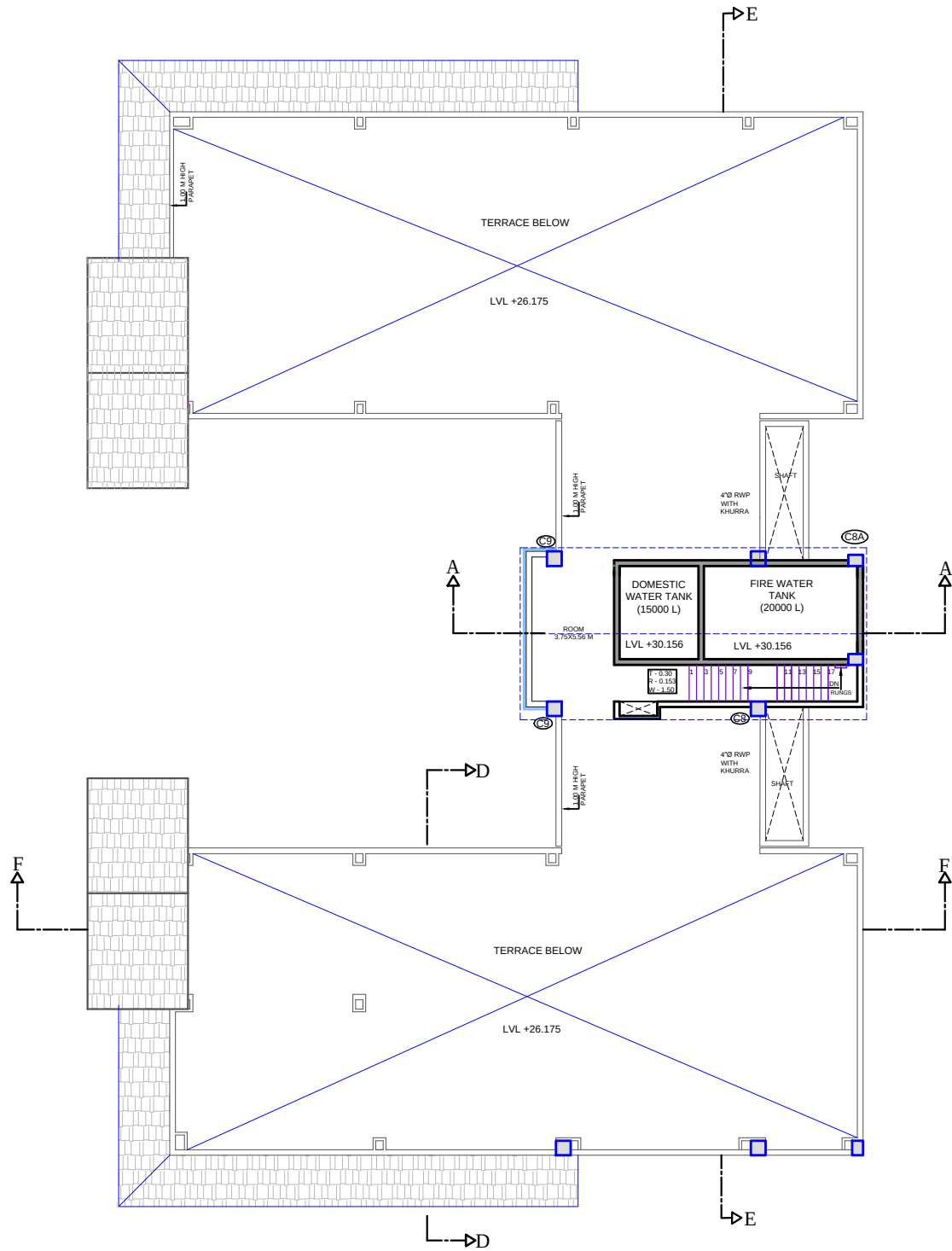
TERRACE PLAN

TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

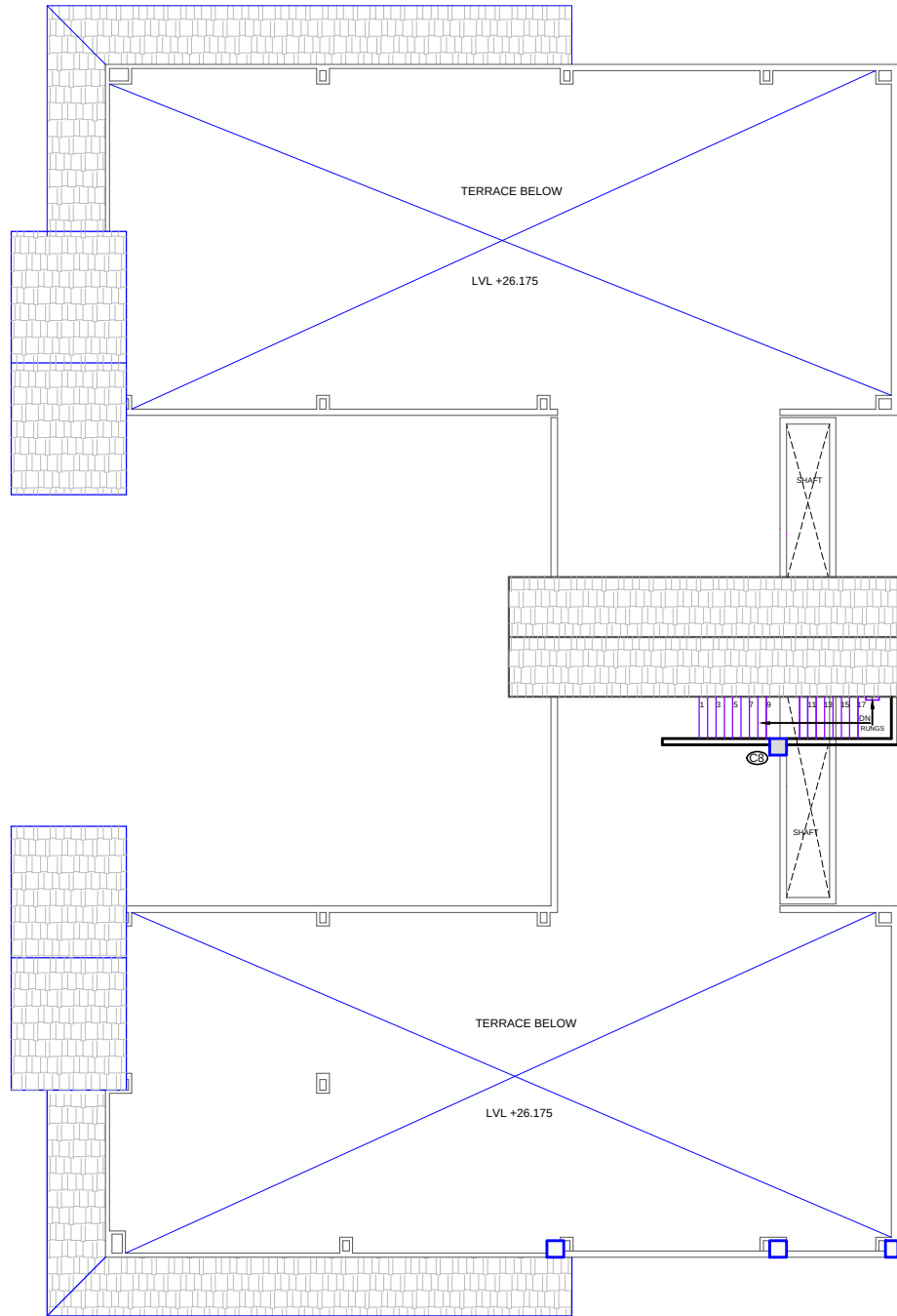
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JOINERY DETAIL :-

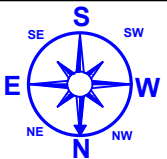
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D1	1.500X2.10	±0	2.10
D2	1.200X2.10	±0	2.10
D3	1.00X2.10	±0	2.10
D4	0.900X2.10	±0	2.10
D5	0.760X2.10	±0	2.10
D6	4.00X3.00	±0	3.00
D7	1.50X3.00	±0	3.00
W	2.400X2.000	1.000	3.00
W1	1.200X2.000	1.000	3.00
W2	0.750X2.000	1.000	3.00
W3	0.600X2.000	1.000	3.00
W4	0.900X2.000	1.000	3.00
W5	0.600X1.100	1.000	2.10
W6	0.600X2.000	1.000	3.00
W7	0.900X1.050	1.050	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIES	1.000	3.00
SG3	2.400X5.675	1.000	3.00
SG4	1.200X11.175	1.000	3.00



MUMTY ROOF PLAN



WATER TANK ROOF PLAN



ARCHITECT'S SIGN.

OWNER'S SIGN.

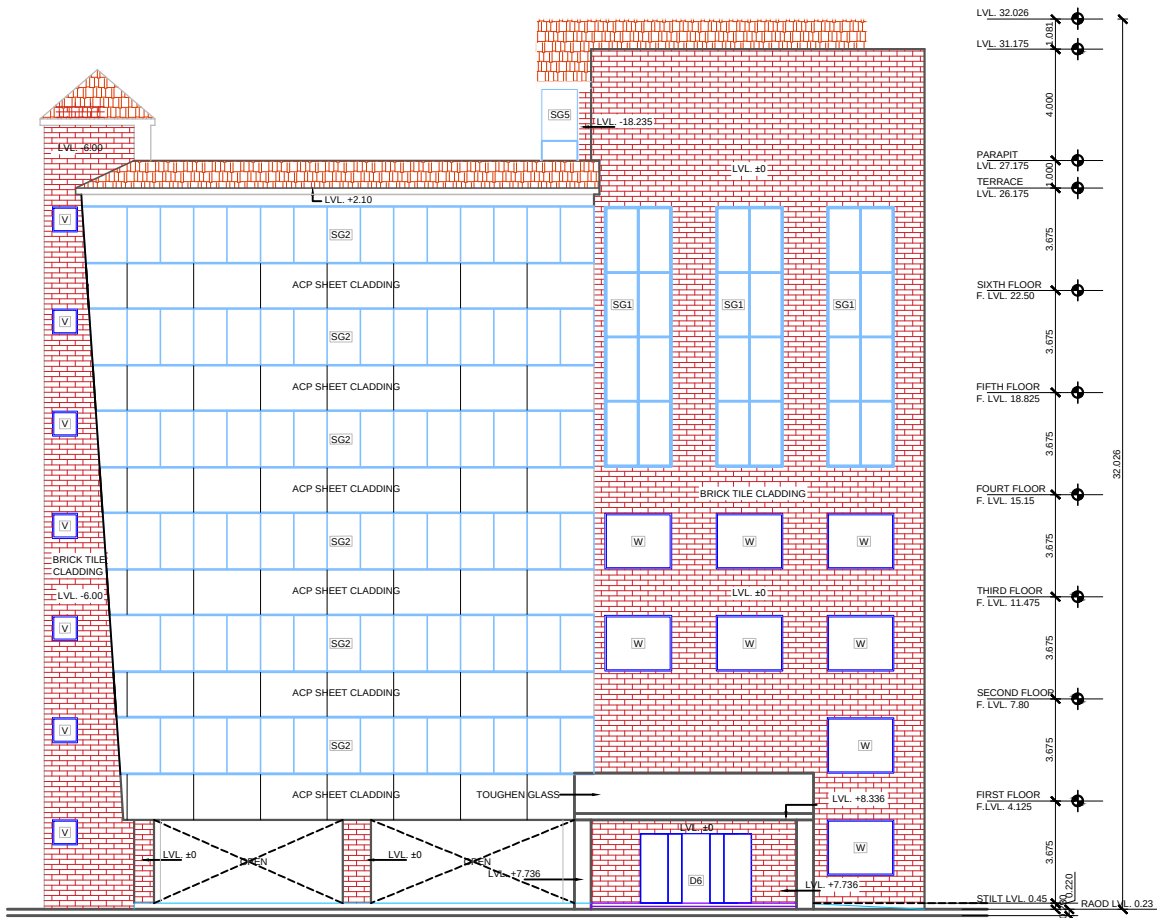


PROJECT ARCHITECT:
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creativeconsortium.india@gmail.com

SCALE:- N.T.S. DATE:-
NAME:- JITENDER CHKD. BY:-

DRAWING TITLE:-
MUMMTY ROOF AND WATER
TANK ROOF PLAN DRG.NO.
6

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



FRONT ELEVATION

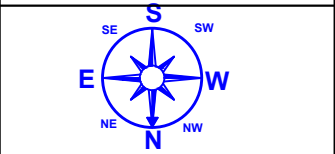


RIGHT SIDE ELEVATION

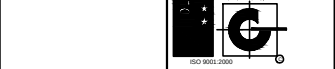
TENDER DRAWING FOR
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D3	1.00X2.10	±0	2.10
D4	0.900X2.10	±0	2.10
D5	0.760X2.10	±0	2.10
D6	4.00X3.00	±0	3.00
D7	1.50X3.00	±0	3.00
W	2.400X2.000	1.000	3.00
W1	1.200X2.000	1.000	3.00
W2	0.750X2.000	1.000	3.00
W3	0.600X2.000	1.000	3.00
W4	0.900X2.000	1.000	3.00
W5	0.600X1.100	1.000	2.10
W6	0.600X2.000	1.000	3.00
W7	0.900X1.050	1.050	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIABLES	1.000	3.00
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ARCHITECT'S SIGN.



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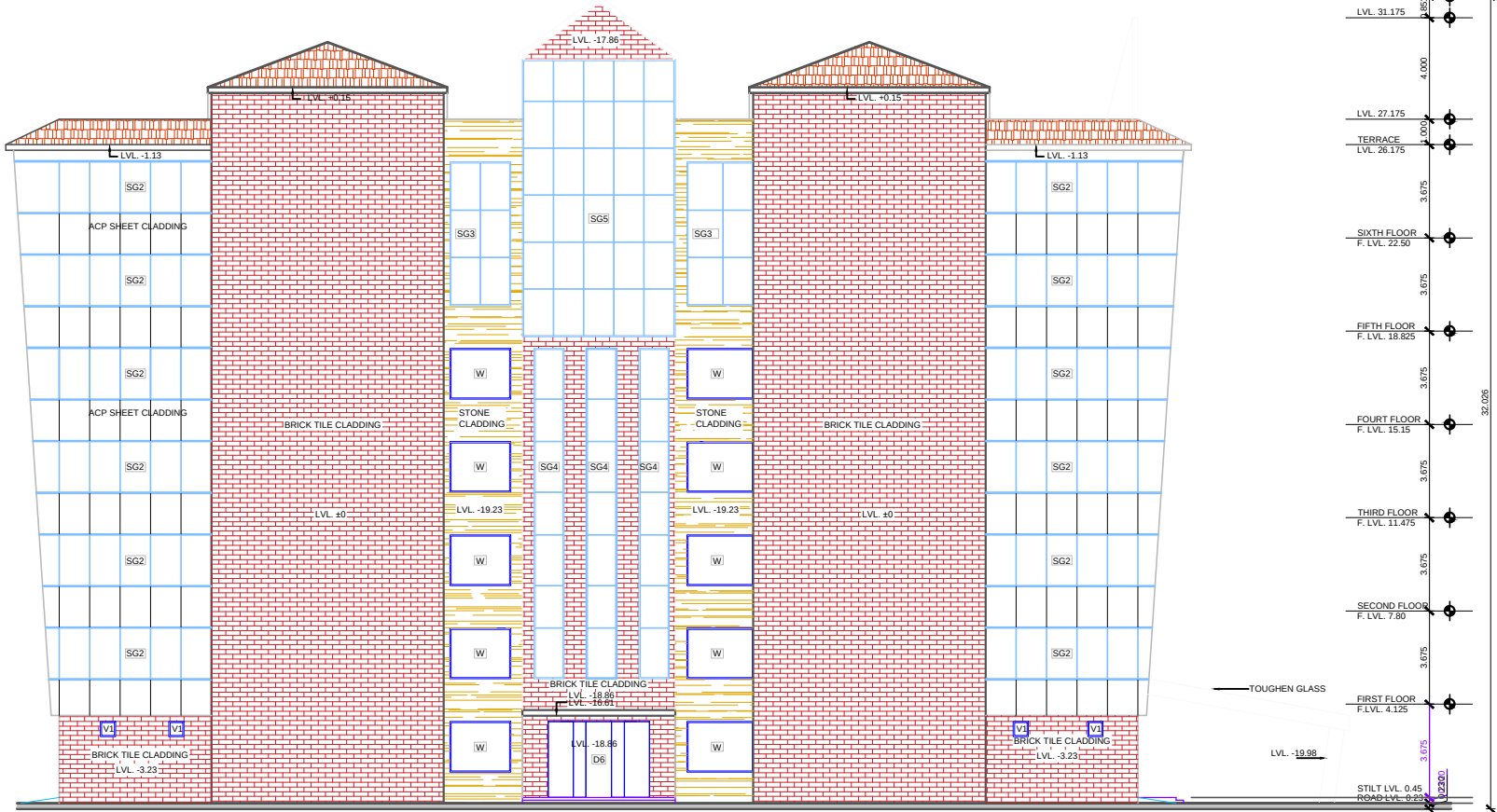
SCALE:- N.T.S. DATE:-
NAME:- J.TENDER CHKD. BY:-
DRAWING TITLE:-
ELEVATION DRG.NO.
7

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

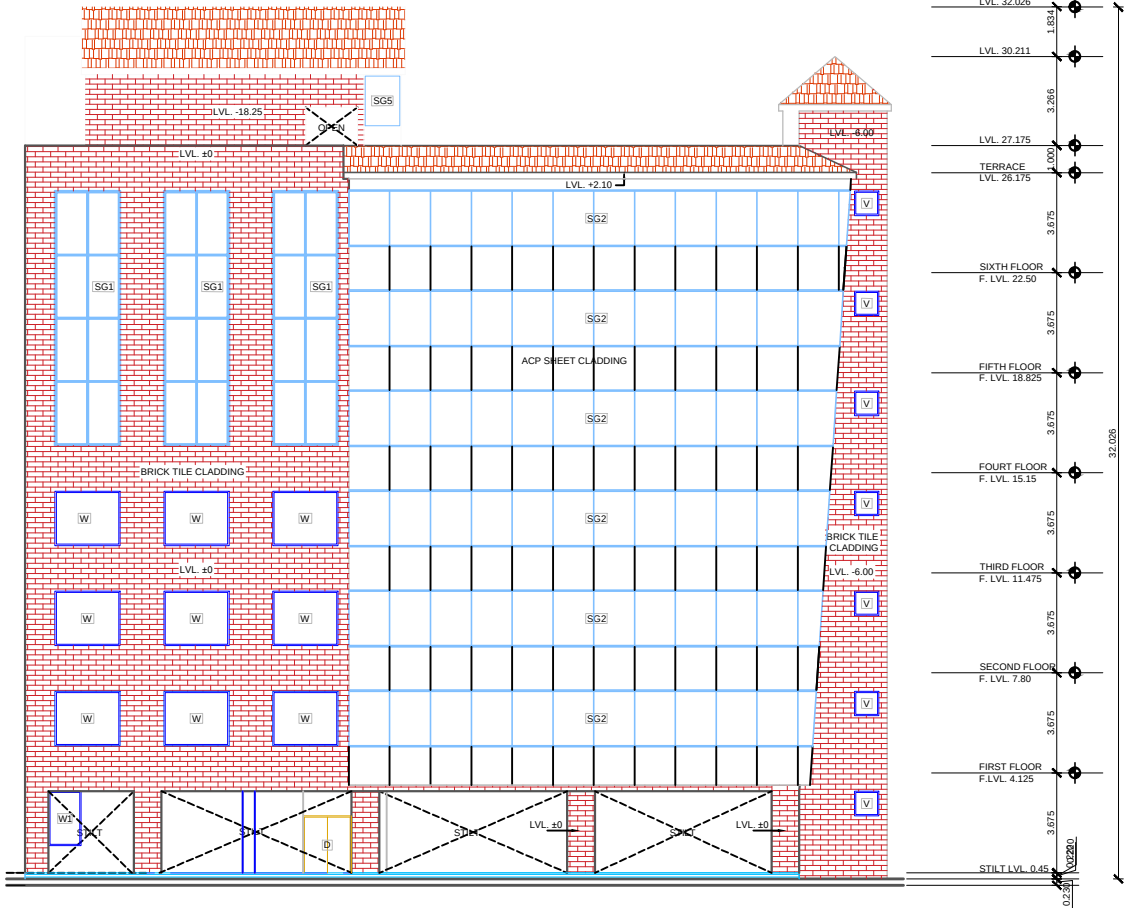
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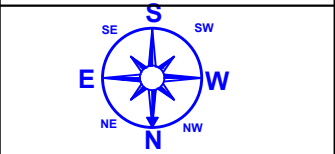
JOINERY DETAIL :-			
TYPE	SIZE	CILL LVL.	LINTEL LVL.
D	1.780X2.10	±0	2.10
D1	1.500X2.10	±0	2.10
D2	1.200X2.10	±0	2.10
D3	1.00X2.10	±0	2.10
D4	0.900X2.10	±0	2.10
D5	0.760X2.10	±0	2.10
D6	4.00X3.00	±0	3.00
D7	1.50X3.00	±0	3.00
W	2.400X2.000	1.000	3.00
W1	1.200X2.000	1.000	3.00
W2	0.750X2.000	1.000	3.00
W3	0.600X2.000	1.000	3.00
W4	0.900X2.000	1.000	3.00
W5	0.600X1.100	1.000	2.10
W6	0.600X2.000	1.000	3.00
W7	0.900X1.050	1.050	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIABLES	1.000	3.00
SG3	2.400X5.675	1.000	3.00
SG4	1.200X11.175	1.000	3.00



LEFT SIDE ELEVATION



REAR ELEVATION



ARCHITECT'S SIGN. 



PROJECT ARCHITECT
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NEW DELHI; PH: 7838071488
Web site : www.creativeconsortium.co.in
info@creativeconsortium.co.in
creativeconsortium.india@gmail.com

SCALE:- N.T.S. DATE:-

NAME:- JITENDER CHKD. BY:-

DRAWING TITLE:-
LEFT SIDE AND REAR
ELEVATION

DRG.NO.
8

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

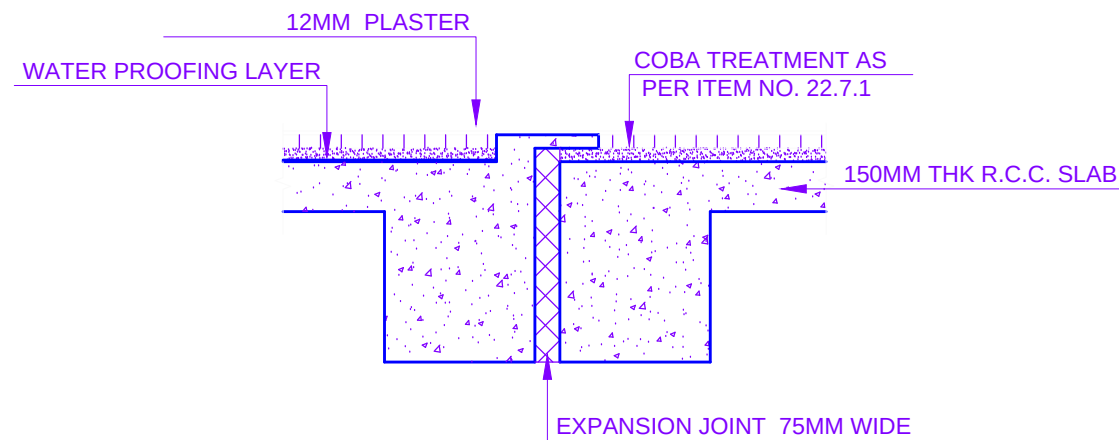
TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

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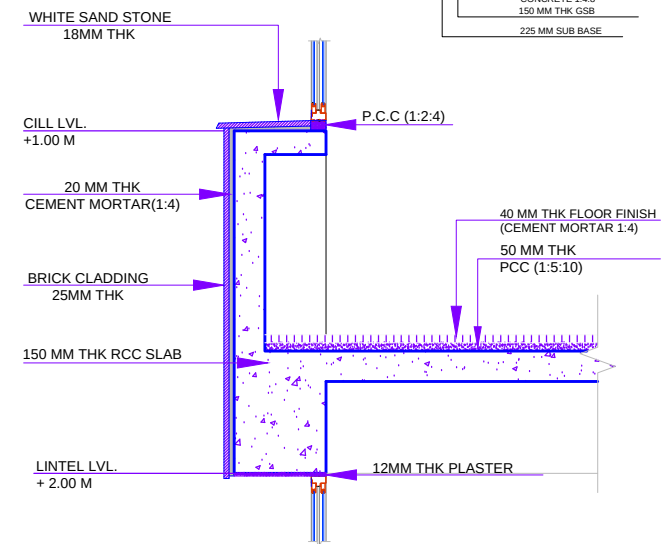
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W7	0.900X1.050	1.050	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIABLES	1.000	3.00
SG3	2.400X5.675	1.000	3.00
SG4	1.200X11.175	1.000	3.00



SECTION AT D-D



EXPANSION JOINT DETAIL
AT TERRACE LVL. FLOOR



CILL LVL. AND LINTEL
LVL.DETAIL

SE

S

SW

E

W

NE

N

NW

ARCHITECT'S SIGN.

PROJECT ARCHITECT

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creativeconsortium.india@gmail.com

SCALE:- N.T.S.

DATE:-

NAME:- JITENDER

CHKD. BY:-

DRAWING TITLE:-
SECTION D-D

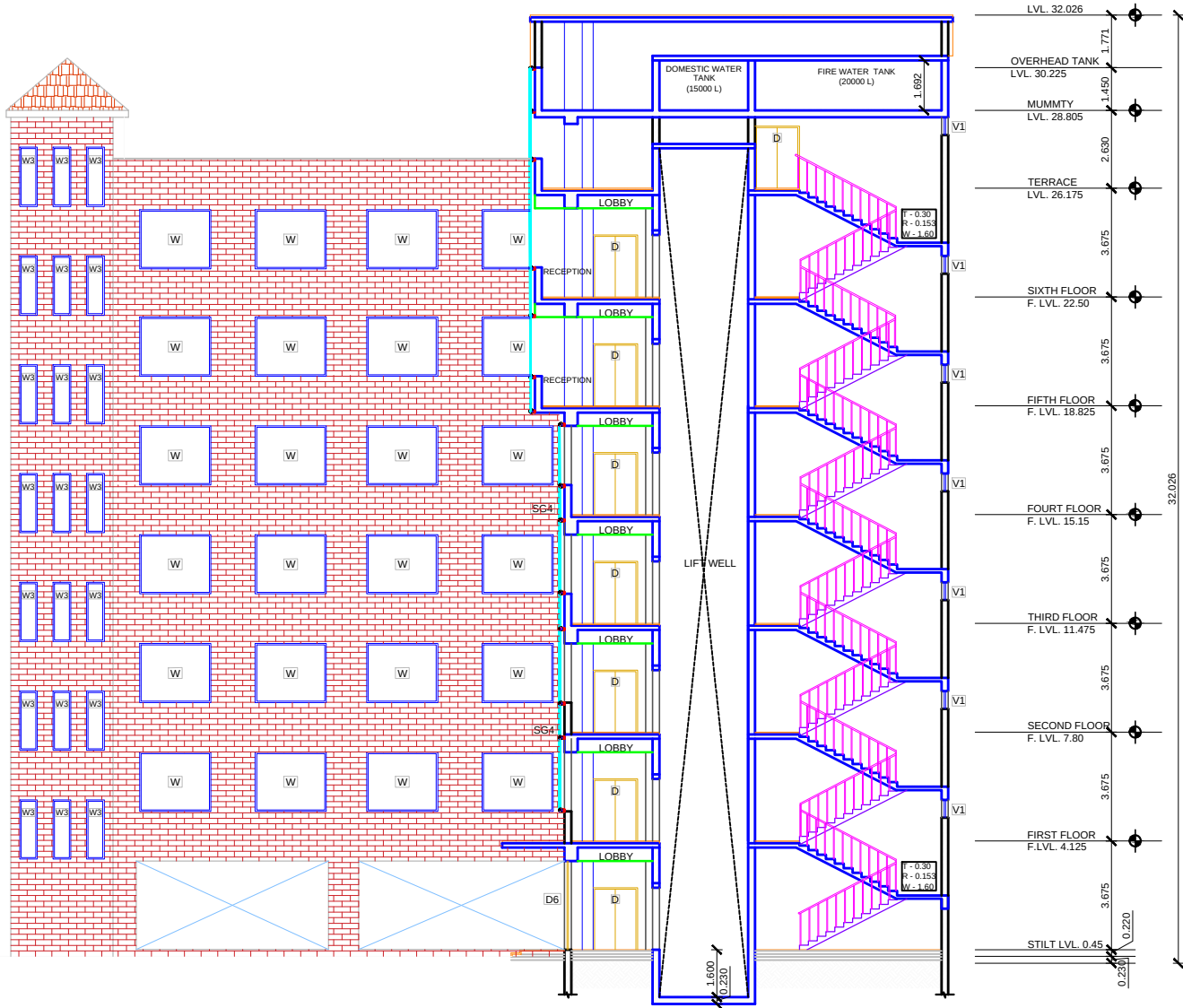
DRG.NO.
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PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

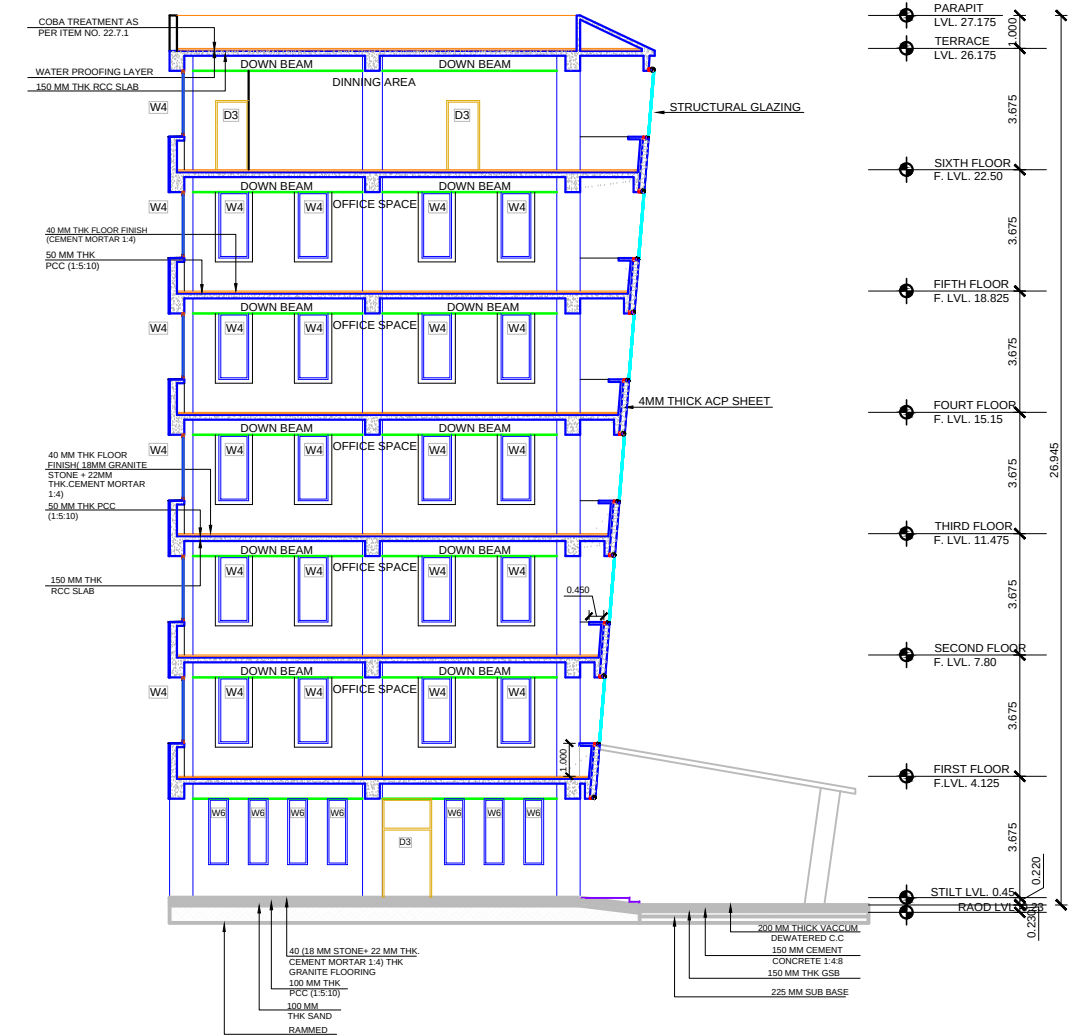
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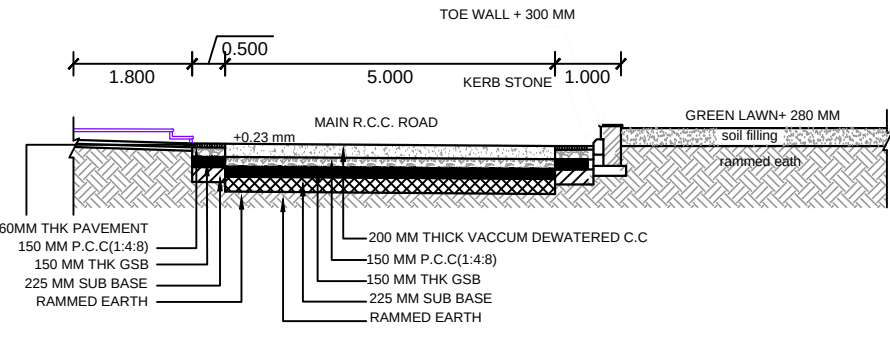
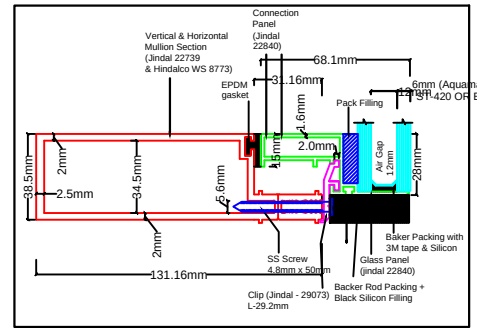
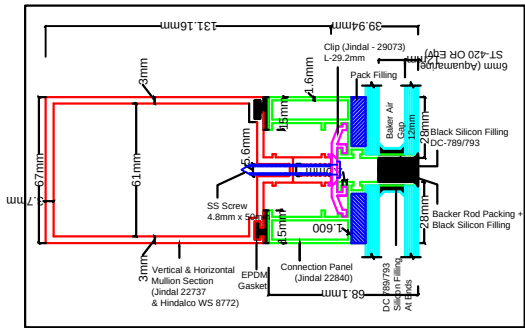
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V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X3.350	1.000	3.00
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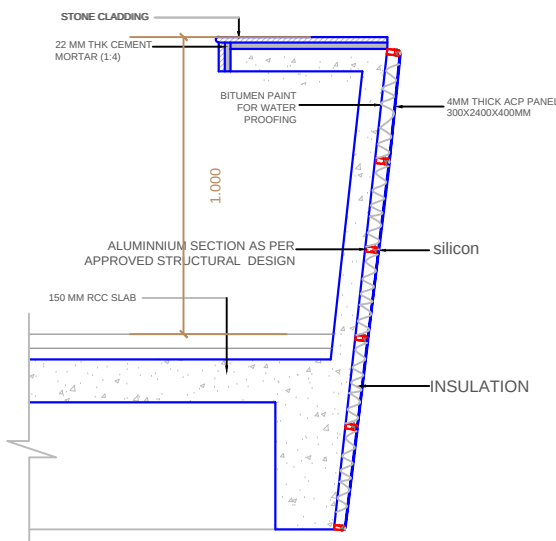
SECTION AT A-A



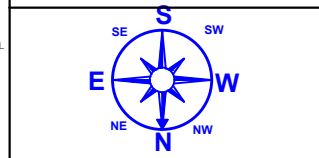
SECTION AT E-E



ROAD DETAIL



ACP FIXING DETAIL



ARCHITECT'S SIGN.

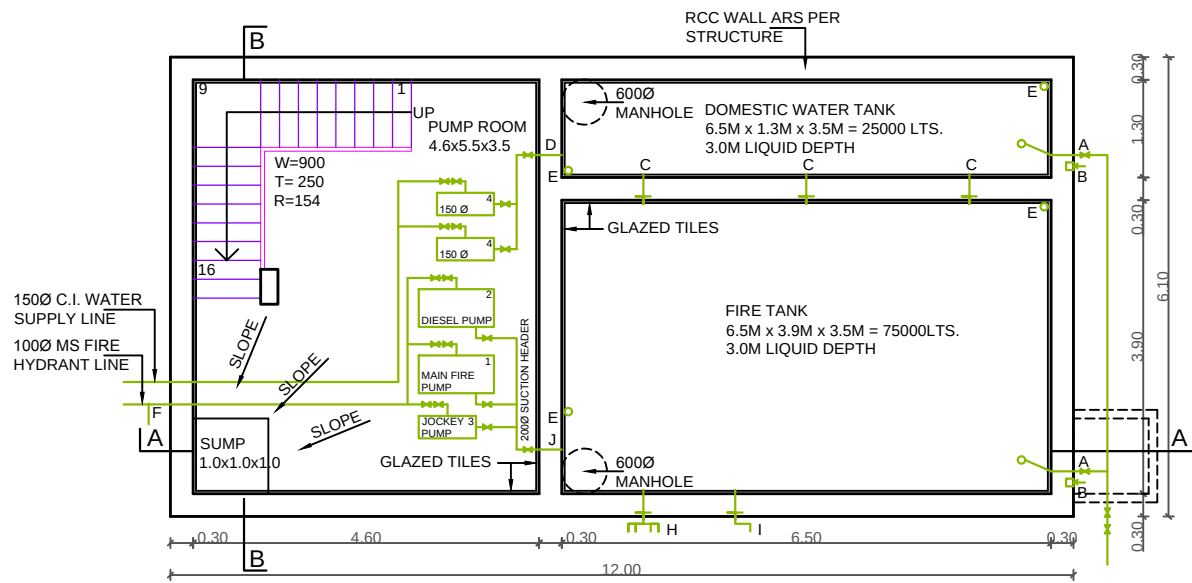


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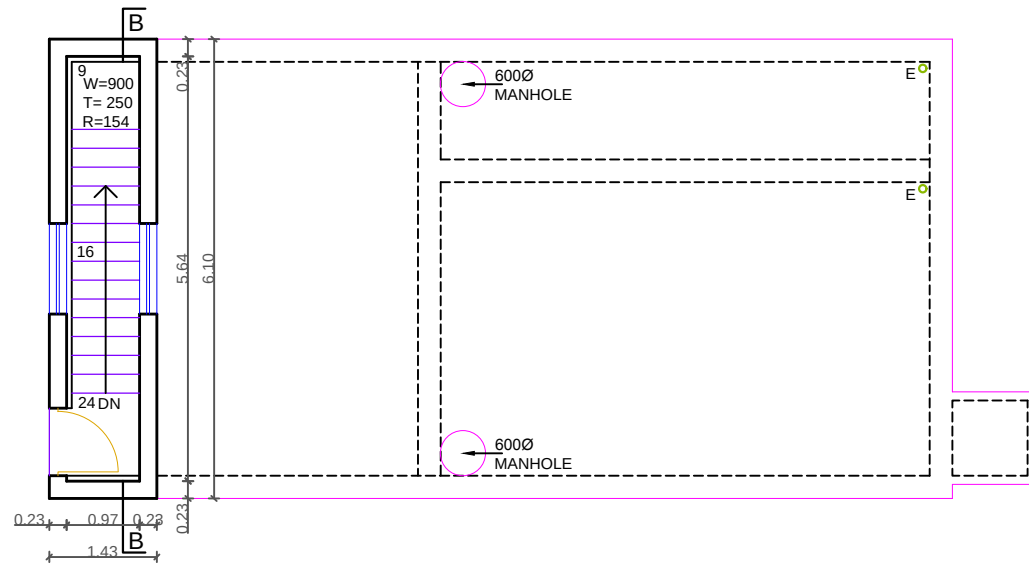
SCALE:- N.T.S. DATE:-
NAME:- J.TENDER CHKD. BY:-
DRAWING TITLE:-
SECTION A-A AND SECTION E-E
DRG. NO. 10
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR
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OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

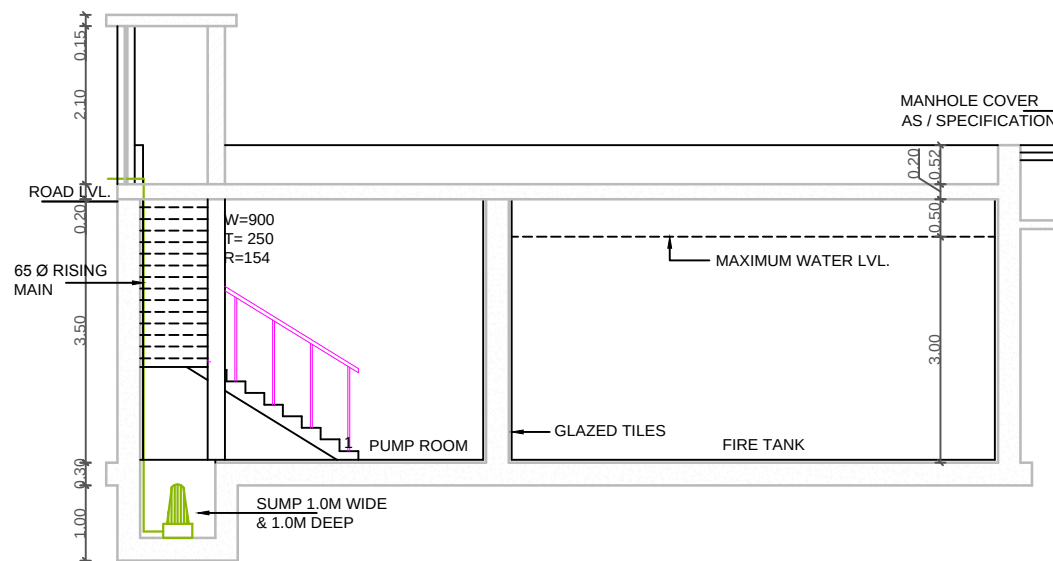
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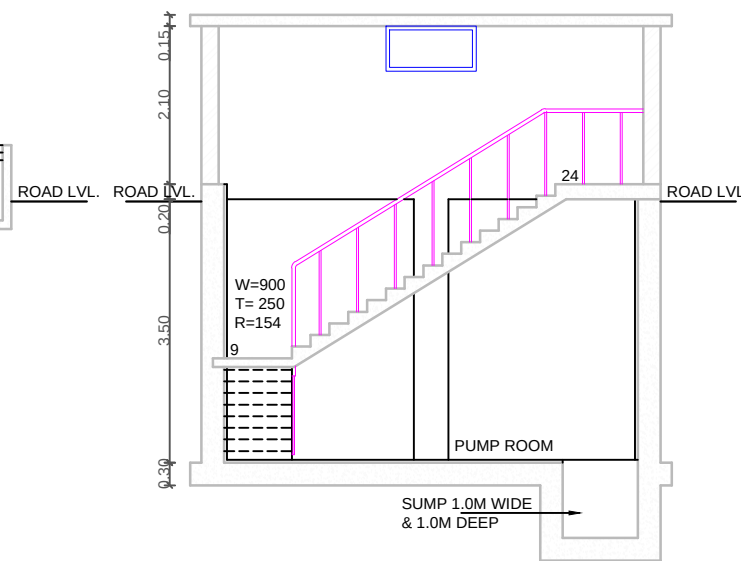
UNDERGROUND WATER TANK PLAN



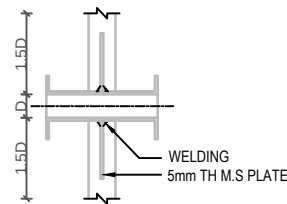
TERRACE PLAN



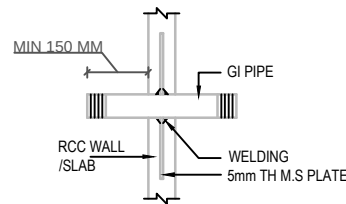
SECTION AT A-A



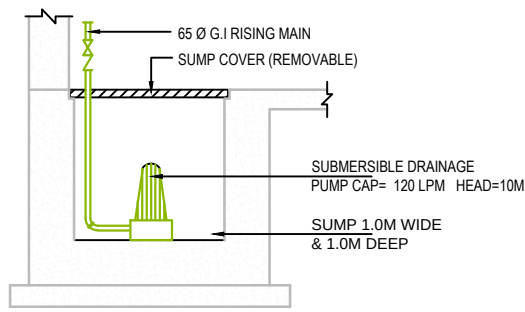
SECTION AT B-B



TYPICAL DETAIL OF PUDDLE FLANGE
FOR PIPES > 150 Ø



TYPICAL DETAIL OF PUDDLE FLANGE
FOR PIPES < 150 Ø



DETAIL OF SUMP IN PUMP ROOM

S.NO.	SYMBOL	SCHEDULE OF PUMPS	CAPACITY
I	1	ELECTRIC MOTOR & FIRE PUMP	CAP=2800LPM HEAD=70M
II	2	DIESEL ENGINE & FIRE PUMP	CAP=2800LPM HEAD=70M
III	3	FIRE JOCKEY PUMP	CAP=450LPM HEAD=70M
IV	4	WATER SUPPLY PUMP(3NOS.)	CAP=850LPM HEAD=40M
V	5	SUMP PUMP & MOTOR	CAP=120LPM HEAD=40M

REF.NO.	PIPE DIA.	SCHEDULE OF PUDDLE FLANGES
A	80dia	INLET PUDDLE FLANGE BOTTOM OF PIPE 400mm BELOW SOFFIT OF TOP SLAB OF U.G. TANK
B	50dia	INLET PUDDLE FLANGE FOR BOTTOM OF PIPE 400mm BELOW SOFFIT OF TOP SLAB OF U.G. TANK
C	100dia	OVER FLOW PUDDLE FLANGE FOR FIRE TANK TO DOMESTIC WATER TANK BOTTOM OF PIPE 600mm BELOW SOFFIT OF TOP SLAB OF U.G. TANK
D	150dia	SUCTION PIPE PUDDLE FLANGE BOTTOM OF PIPE 50mm ABOVE FFL OF BOTTOM SLAB OF U.G. TANK
E	100dia	VENT PIPE PUDDLE FLANGE ON TOP SLAB OF U.G. TANK
F	200dia	DOMESTIC WATER SUPPLY RISING MAIN FOR PUMP ROOM BOTTOM OF PIPE 600mm BELOW GROUND LVL
G	50dia	SUMP RISING MAIN PUDDLE FLANGE FOR PUMP ROOM 50mm ABOVE GROUND LVL
H	150dia	FIRE BRIGADE INLET PUDDLE FLANGE BOTTOM OF PIPE 400mm BELOW SOFFIT OF TOP SLAB OF U.G. TANK
I	150dia	FIRE BRIGADE SUCTION PUDDLE FLANGE BOTTOM OF PIPE 400mm BELOW SOFFIT OF TOP SLAB OF U.G. TANK
J	200dia	SUCTION PIPE PUDDLE FLANGE FOR FIRE TANK BOTTOM OF PIPE 600mm ABOVE FFL OF BOTTOM SLAB OF U.G. TANK

ARCHITECT'S SIGN. OWNER'S SIGN.



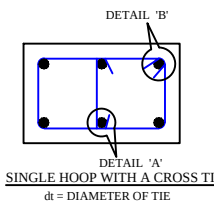
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SCALE:- N.T.S. DATE:-

NAME:- CHKD. BY:-

DRAWING TITLE:- UNDERGROUND WATER TANK
DETAIL

DRG.NO. 11
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

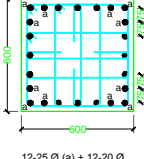
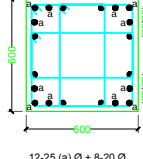
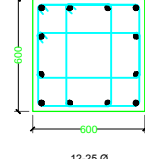
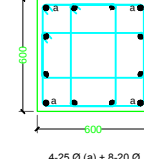
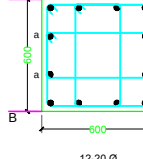
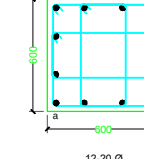
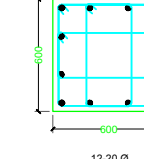
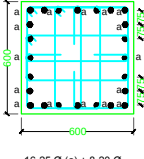
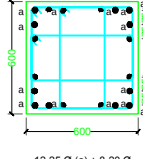
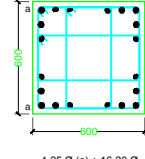
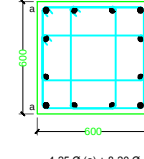
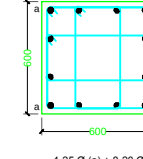
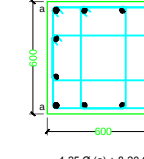
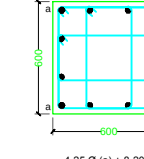
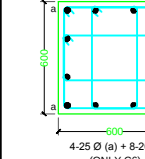
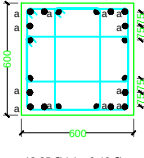
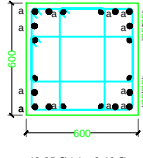
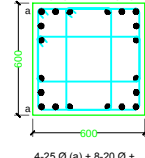
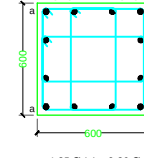
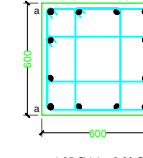
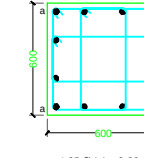
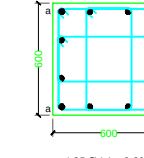
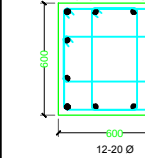
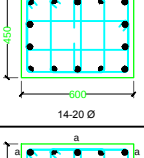
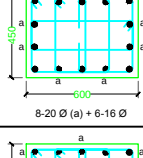
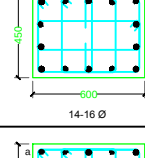
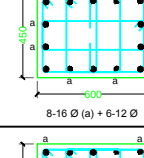
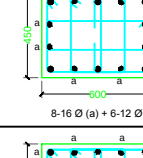
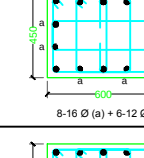
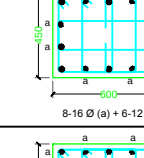
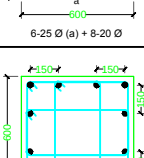
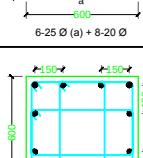
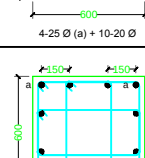
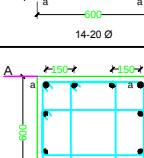
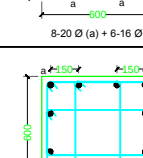
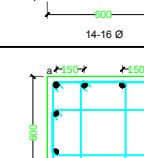
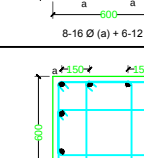
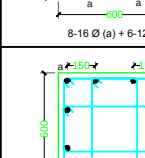
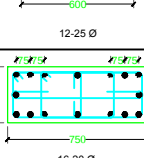
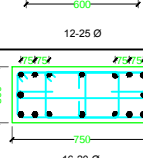
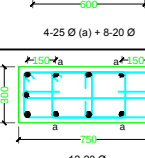
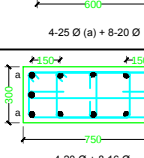
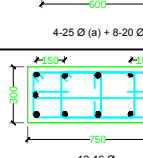
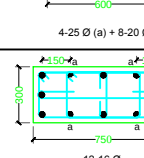
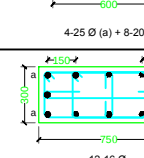
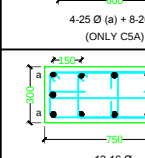
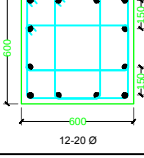
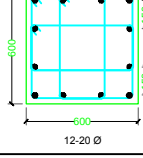
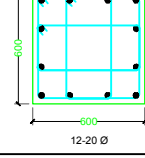
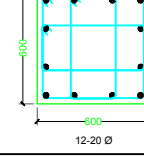
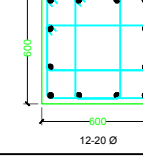
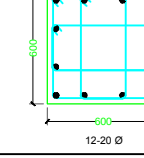
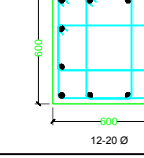
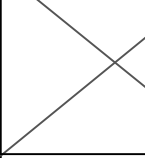
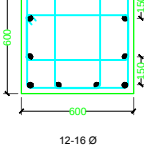
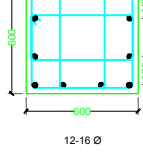
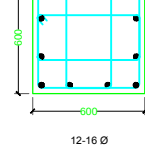
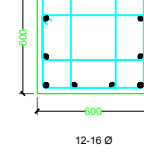
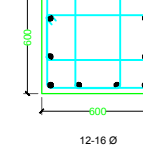
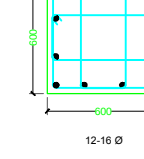
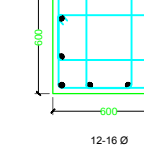
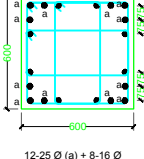
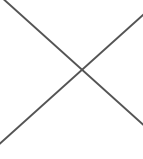
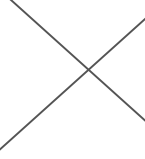
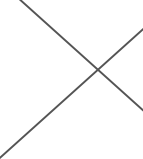
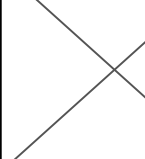


COLUMN VERTICAL BARS TO BE LAPPED ALTERNATIVELY
IN ONE POSITION WITH STAGGERING NOT MORE THAN
50% BARS TO BE LAPPED AT ONE SECTION

G2 STIRRUPS:
ZONE A FOR 600 LENGTH:-
 ZONE A- OUTER 10 Ø 100 C/C, INNER 10 Ø 100 C/C
 ZONE B- OUTER 10 Ø 100 C/C, INNER 10 Ø 200 C/C

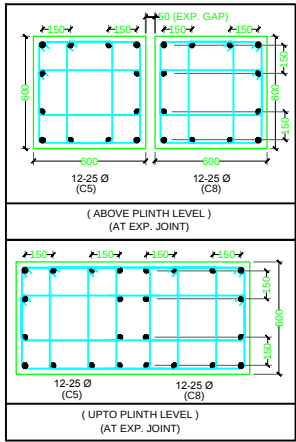
PROJECT ARCHITECT
CREATIVE CONSORTIUM
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
SCO -56/37, SWASTIK VIHAR, M.D.C. SECTOR - 5, PANCHKULA
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PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

COL. NO.	FOUNDATION TO STILT FLOOR ROOF	STILT FLOOR ROOF TO FIRST FLOOR ROOF	1ST FLOOR ROOF TO 2ND FLOOR ROOF	2ND FLOOR ROOF TO 3RD FLOOR ROOF	3RD FLOOR ROOF TO 4TH FLOOR ROOF	4TH FLOOR ROOF TO 5TH FLOOR ROOF	5TH FLOOR ROOF TO 6TH FLOOR ROOF	6TH FLOOR ROOF TO MUMTY ROOF
C1	 12-25 Ø (a) + 12-20 Ø	 12-25 Ø (a) + 8-20 Ø	 12-25 Ø	 4-25 Ø (a) + 8-20 Ø	 12-20 Ø	 12-20 Ø	 12-20 Ø	
C2, C6	 16-25 Ø (a) + 8-20 Ø	 12-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 16-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø (ONLY C6)
C2A, C2B, C6A	 12-25 Ø (a) + 8-16 Ø	 12-25 Ø (a) + 8-16 Ø	 4-25 Ø (a) + 8-20 Ø + 8-16 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 12-20 Ø (ONLY C2A & C6A)
C3	 14-20 Ø	 8-20 Ø (a) + 6-16 Ø	 14-16 Ø	 8-16 Ø (a) + 6-12 Ø	 8-16 Ø (a) + 6-12 Ø	 8-16 Ø (a) + 6-12 Ø	 8-16 Ø (a) + 6-12 Ø	
C4	 6-25 Ø (a) + 8-20 Ø	 6-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 10-20 Ø	 14-20 Ø	 8-20 Ø (a) + 6-16 Ø	 14-16 Ø	 8-16 Ø (a) + 6-12 Ø	 8-16 Ø (a) + 6-12 Ø
C5, C5A, C8	 12-25 Ø	 12-25 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø	 4-25 Ø (a) + 8-20 Ø (ONLY C5A)
C7	 16-20 Ø	 16-20 Ø	 12-20 Ø	 4-20 Ø + 8-16 Ø	 12-16 Ø	 12-16 Ø	 12-16 Ø	 12-16 Ø
C9	 12-20 Ø	 12-20 Ø	 12-20 Ø	 12-20 Ø	 12-20 Ø	 12-20 Ø	 12-20 Ø	
C8A	 12-16 Ø	 12-16 Ø	 12-16 Ø	 12-16 Ø	 12-16 Ø	 12-16 Ø	 12-16 Ø	 12-16 Ø
C10	 12-25 Ø (a) + 8-16 Ø							

G1 STIRRUPS:
ZONE A FOR 600 LENGTH:-
ZONE A- OUTER 10 Ø 100 C/C, INNER 8 Ø 100 C/C
ZONE B- OUTER 10 Ø 100 C/C, INNER 8 Ø 200 C/C

G2 STIRRUPS:
ZONE A FOR 600 LENGTH:-
ZONE A- OUTER 10 Ø 100 C/C, INNER 10 Ø 100 C/C
ZONE B- OUTER 10 Ø 100 C/C, INNER 10 Ø 200 C/C



TENDER DRAWING FOR PROPOSED REGIONAL OFFICE BUILDING FOR NHIDCL AT GUWAHATI

- GENERAL NOTES**
- ALL DIMENSIONS ARE IN mm AND LEVELS IN METERS. UNLESS OTHERWISE MENTIONED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NO DIMENSION IS TO BE SCALED.
 - GRADE OF CONCRETE SHALL BE AS FOLLOWED:-
PILE AND PILE CAP.....M35
 - CLEAR COVER TO ANY REINFORCEMENT:-
IN PILE & PILE CAP.....75mm
 - BARS SHOWN IN THE DRAWING ARE NOT TO BE COUNTED. ONLY WRITTEN DATA SHALL BE FOLLOWED.
 - TMT HIGH YIELD STRENGTH DEFORMED BARS OF GRADE DESIGNATION FE-500/FE-500D CONFORMING TO IS:1786-1985. SHALL ONLY BE USED.
 - INITIAL AND ROUTINE LOAD TEST SHALL BE CARRIED OUT ON PILE ACCORDING TO IRC:78 AND AS PER STANDARD SPECIFICATION TO DETERMINE VERTICAL (V) AND HORIZONTAL (H) LOAD CARRYING OF PILE. IT SHALL BE ENSURED THAT IT IS NOT LESS THEN DESIGN WORKING LOAD.
 - PILE SHALL BE CAST ABOVE THE BOTTOM OF PILE CAP LEVEL. THE TOP OF CONCRETE SHALL BE BROKEN BEFORE CASTING OF PILE CAP, TAKING 50mm PILE EMBEDDED INTO THE PILE CAP.
 - OVERLAPPING FOR SPLICING OF REINFORCEMENT SHALL BE AS PER CLAUSE NO. 15.2.5. ARRANGEMENT OF TRANSVERSE REINFORCEMENT IN LAP ZONE:-

DRAWING TITLE:-
COLUMNS REINFORCEMENT DETAIL

DWG NO:-
STR-14

SCALE :-
DATE:-

DRAWN BY:-
CHKD. BY

STR. CONSULTANT SIGN.

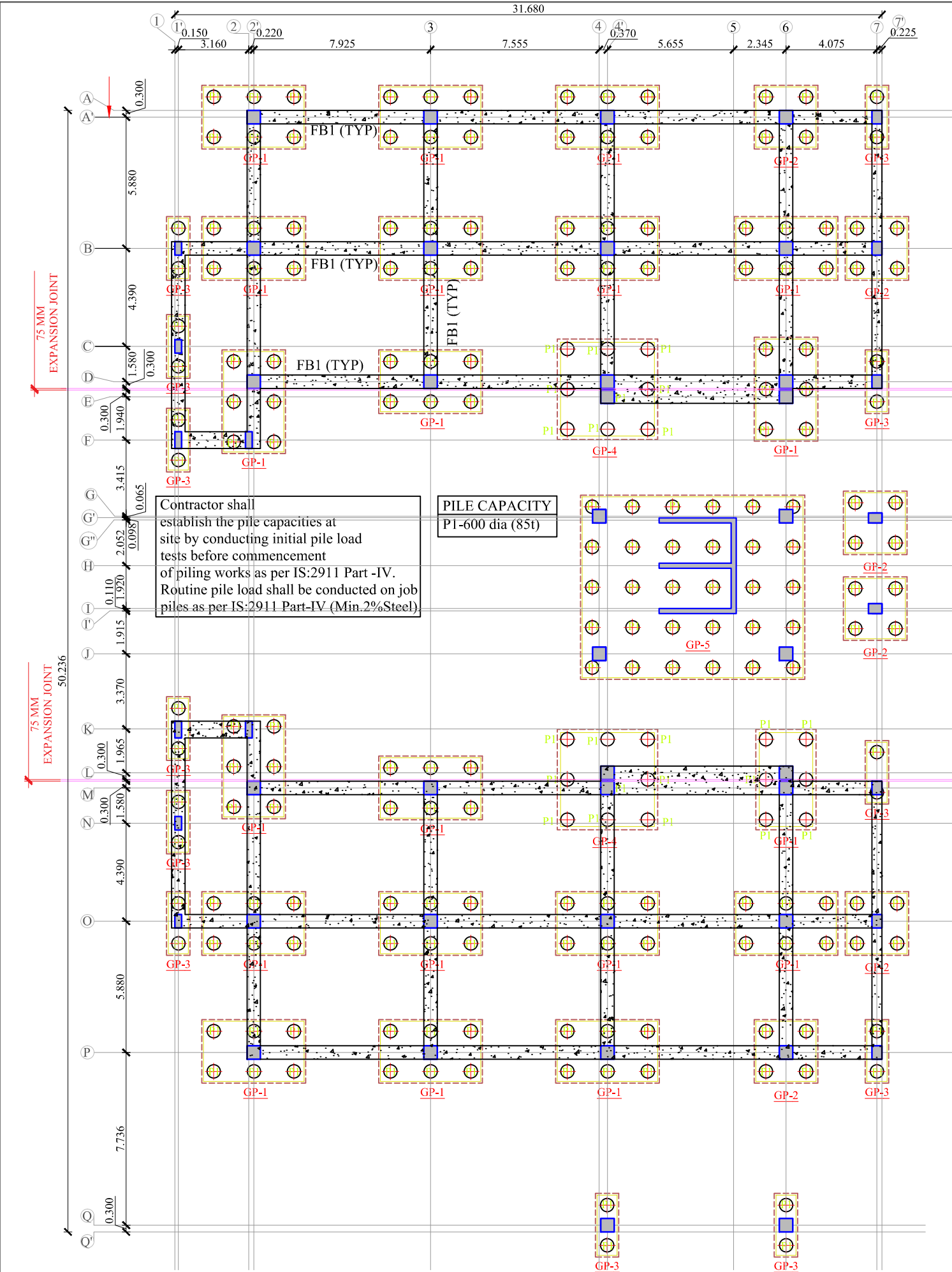
REGD.No. 1173
TP **TECH PEFIC**
STRUCTURAL CONSULTANTS
Morth No:RW/NH-34054/1/2014-S&R(B) Category-II(17)
OFFICE: PLOT NO-40 SECTOR-B2 JLPL, MOHALI (PB.)
Mob. No.- +91-8968012763
E-mail: techpecific@gmail.com

ARCHITECT'S SIGN. OWNER'S SIGN.

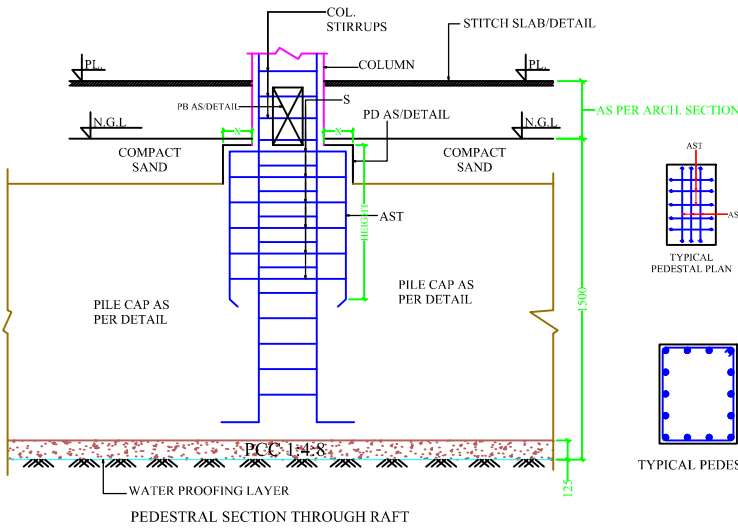


PROJECT ARCHITECT
CREATIVE CONSORTIUM
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SCO-56-57, SWASTIK VIHAR, M.D.C SECTOR - 5, PANCHKULA.
TEL: 2556694, Fax: 2556615
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Web site: www.creativeconsortium.co.in
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creativeconsortium.india@gmail.com

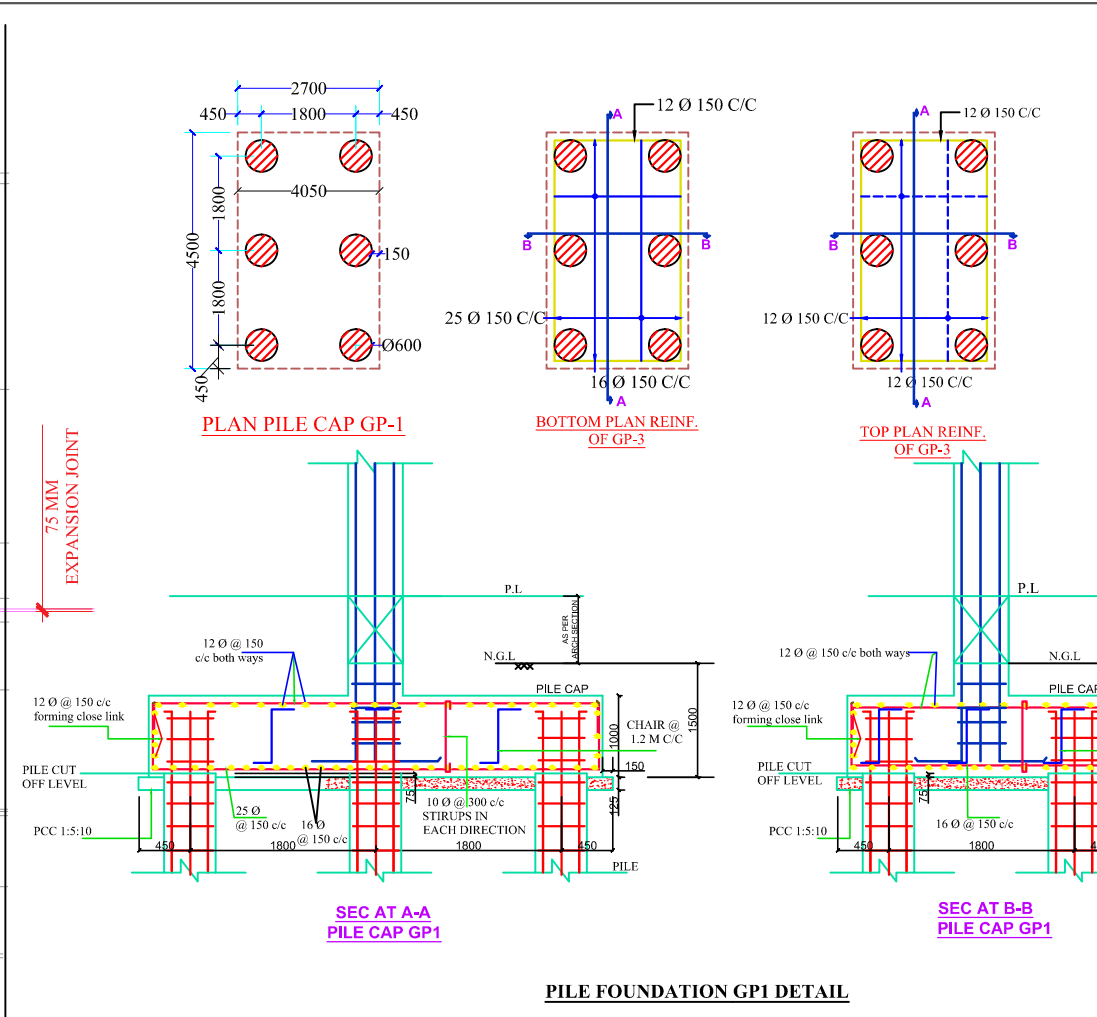
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



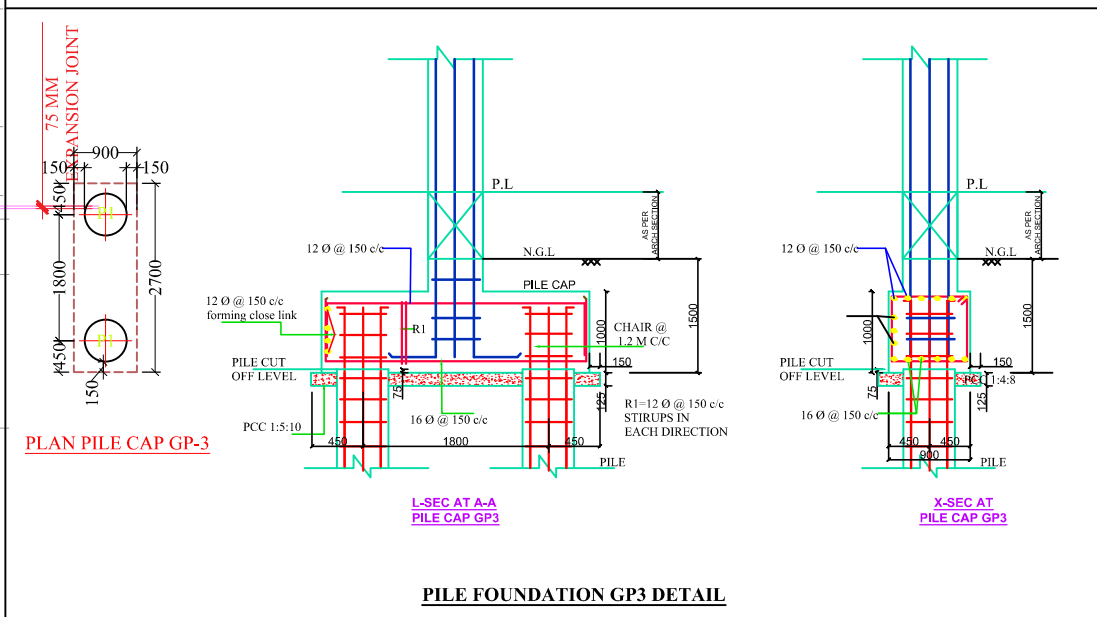
PILE FOUNDATION LAYOUT PLAN



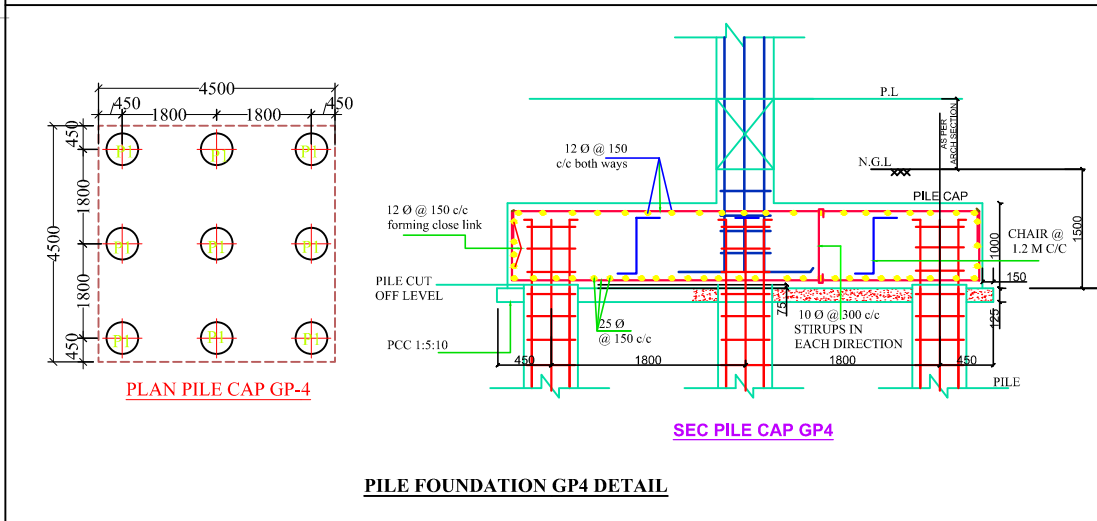
PEDESTAL DETAIL FOR RAFT COLUMNS.				
S.NO.	PEDESTAL	X (IN MM)	AST	STIRRUPS(S)
1	PD1	150	12 Ø 100 C/C	10 Ø 100 C/C



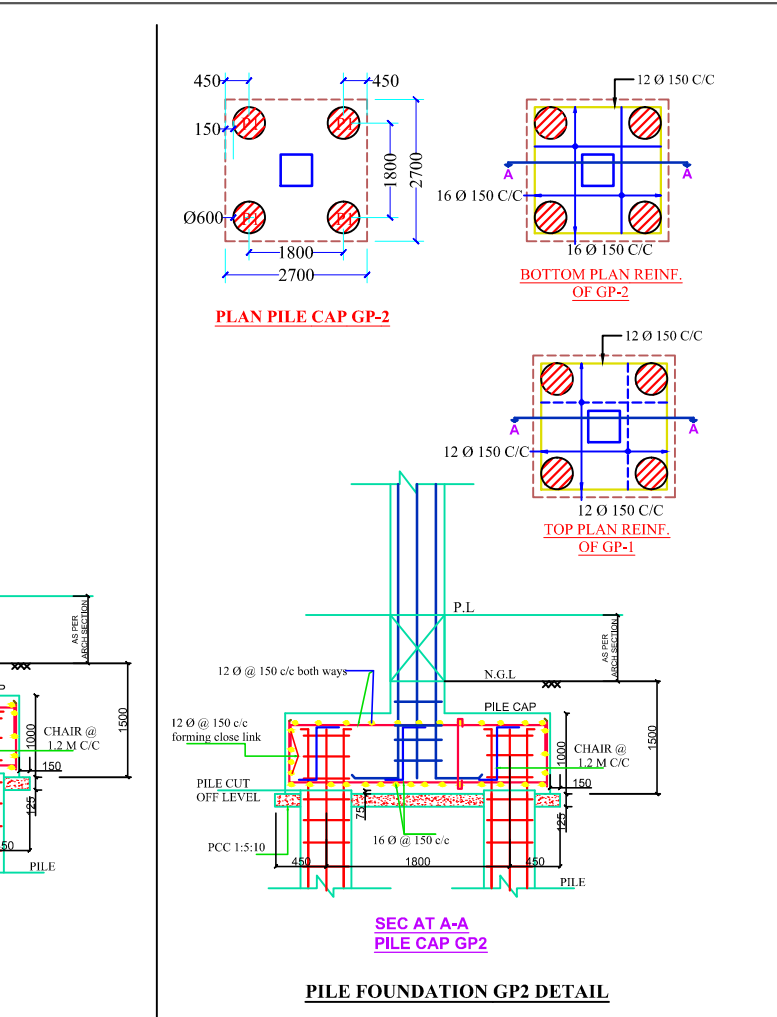
PILE FOUNDATION GP1 DETAIL



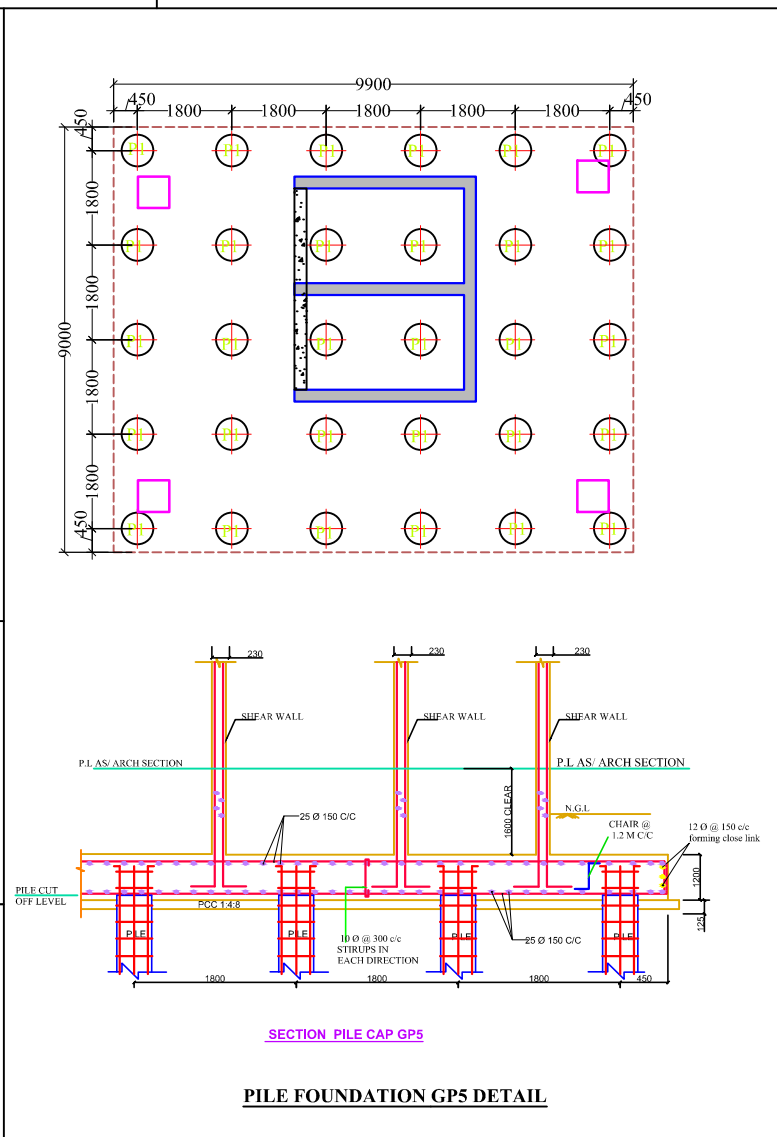
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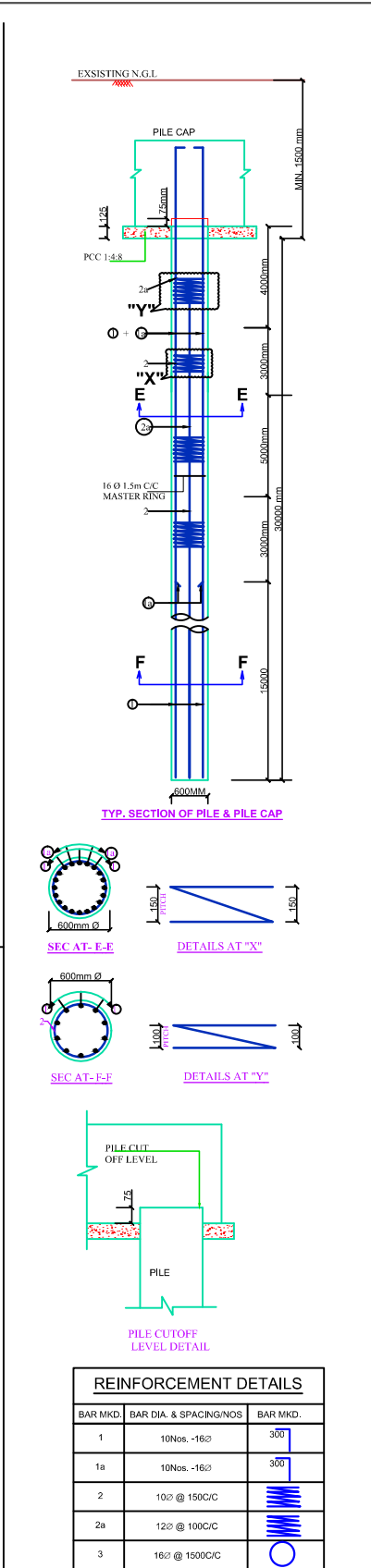
PILE FOUNDATION GP4 DETAIL



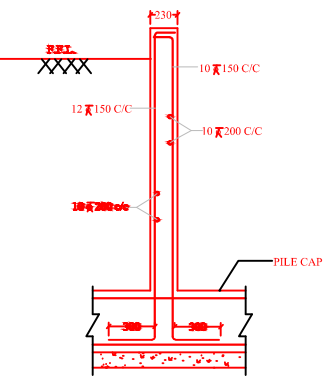
PILE FOUNDATION GP2 DETAIL



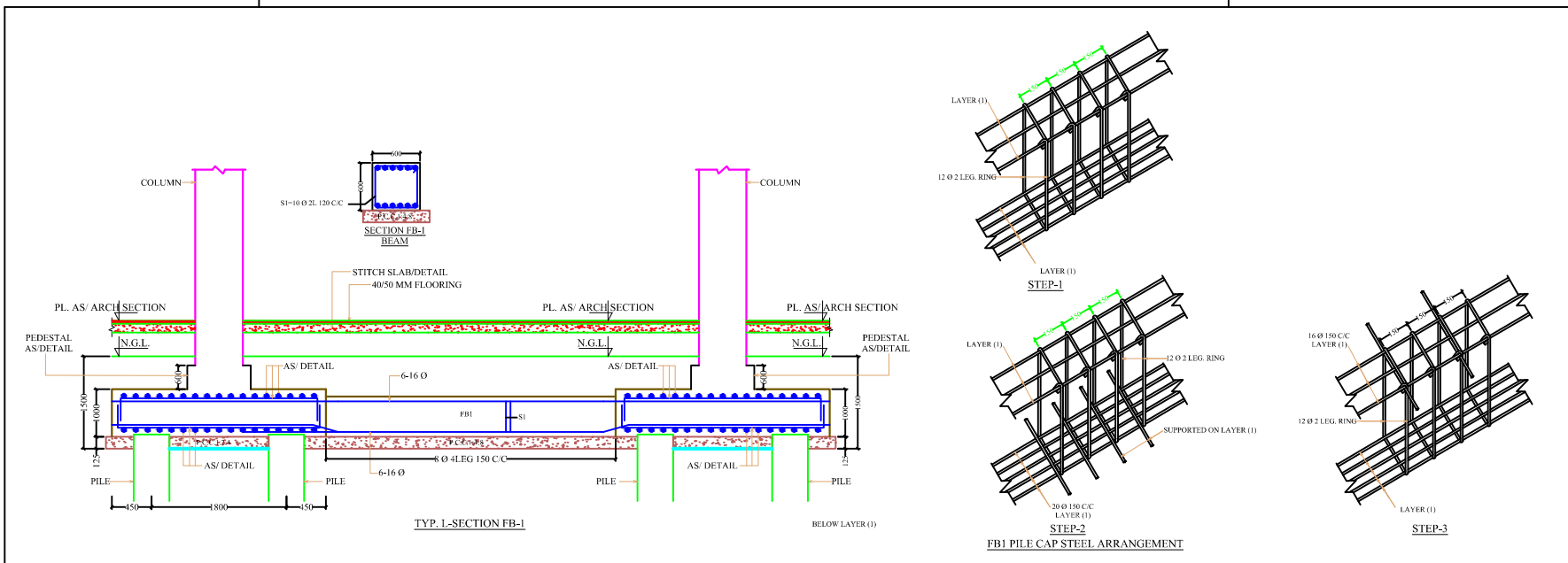
PILE FOUNDATION GP5 DETAIL



REINFORCEMENT DETAILS			
BAR NO.	BAR DIA. & SPACINGS	BAR NO.	
1	10nos. -16Ø	307	
1a	10nos. -16Ø	307	
2	10Ø @ 150C/C		
2a	12Ø @ 100C/C		
3	16Ø @ 150C/C		

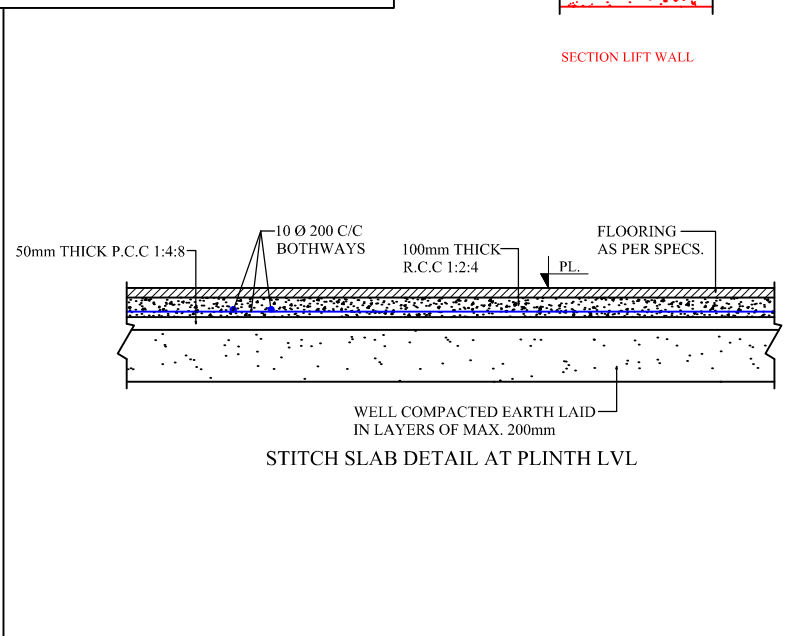


SECTION LIFT WALL



TYP. I-SECTION FB-1

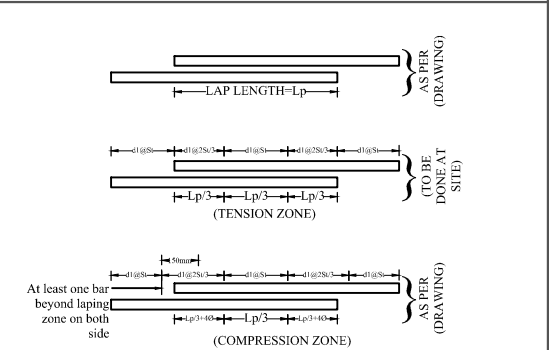
FB1 PILE CAP STEEL ARRANGEMENT



STITCH SLAB DETAIL AT PLINTH LVL

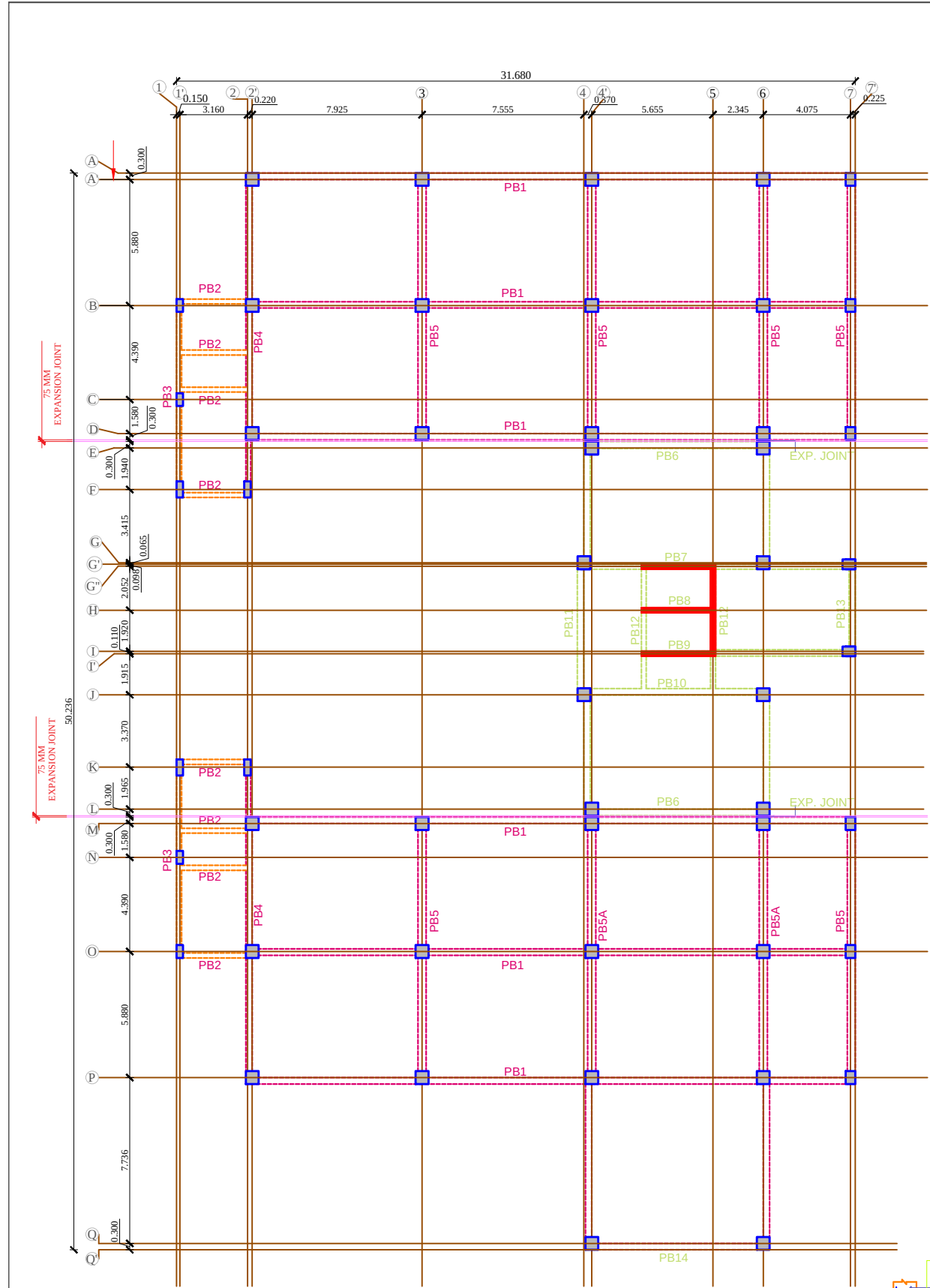
TENDER DRAWING FOR PROPOSED REGIONAL OFFICE BUILDING FOR NHIDCL AT GUWAHATI

- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN mm AND LEVELS IN METERS. UNLESS OTHERWISE MENTIONED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NO DIMENSION IS TO BE SCALED.
 2. GRADE OF CONCRETE SHALL BE AS FOLLOWED:-
PILE AND PILE CAP.....M35
IN PILE & PILE CAP.....75mm
 3. CLEAR COVER TO ANY REINFORCEMENT:-
IN PILE & PILE CAP.....75mm
 4. BARS SHOWN IN THE DRAWING ARE NOT TO BE COUNTED. ONLY WRITTEN DATA SHALL BE FOLLOWED.
 5. TMT HIGH YIELD STRENGTH DEFORMED BARS OF GRADE DESIGNATION FE-500/FE-500D CONFORMING TO IS:1786-1985. SHALL ONLY BE USED.
 6. INITIAL AND ROUTINE LOAD TEST SHALL BE CARRIED OUT ON PILE ACCORDING TO IRC:78 AND AS PER STANDARD SPECIFICATION TO DETERMINE VERTICAL (V) AND HORIZONTAL (H) LOAD CARRYING OF PILE. IT SHALL BE ENSURED THAT IT IS NOT LESS THEN DESIGN WORKING LOAD.
 7. PILE SHALL BE CAST ABOVE THE BOTTOM OF PILE CAP LEVEL. THE TOP OF CONCRETE SHALL BE BROKEN BEFORE CASTING OF PILE CAP, TAKING 50mm PILE EMBEDDED INTO THE PILE CAP.
 8. OVERLAPPING FOR SPLICING OF REINFORCEMENT SHALL BE AS PER CLAUSE NO. 15.2.5. ARRANGEMENT OF TRANSVERSE REINFORCEMENT IN LAP ZONE:-

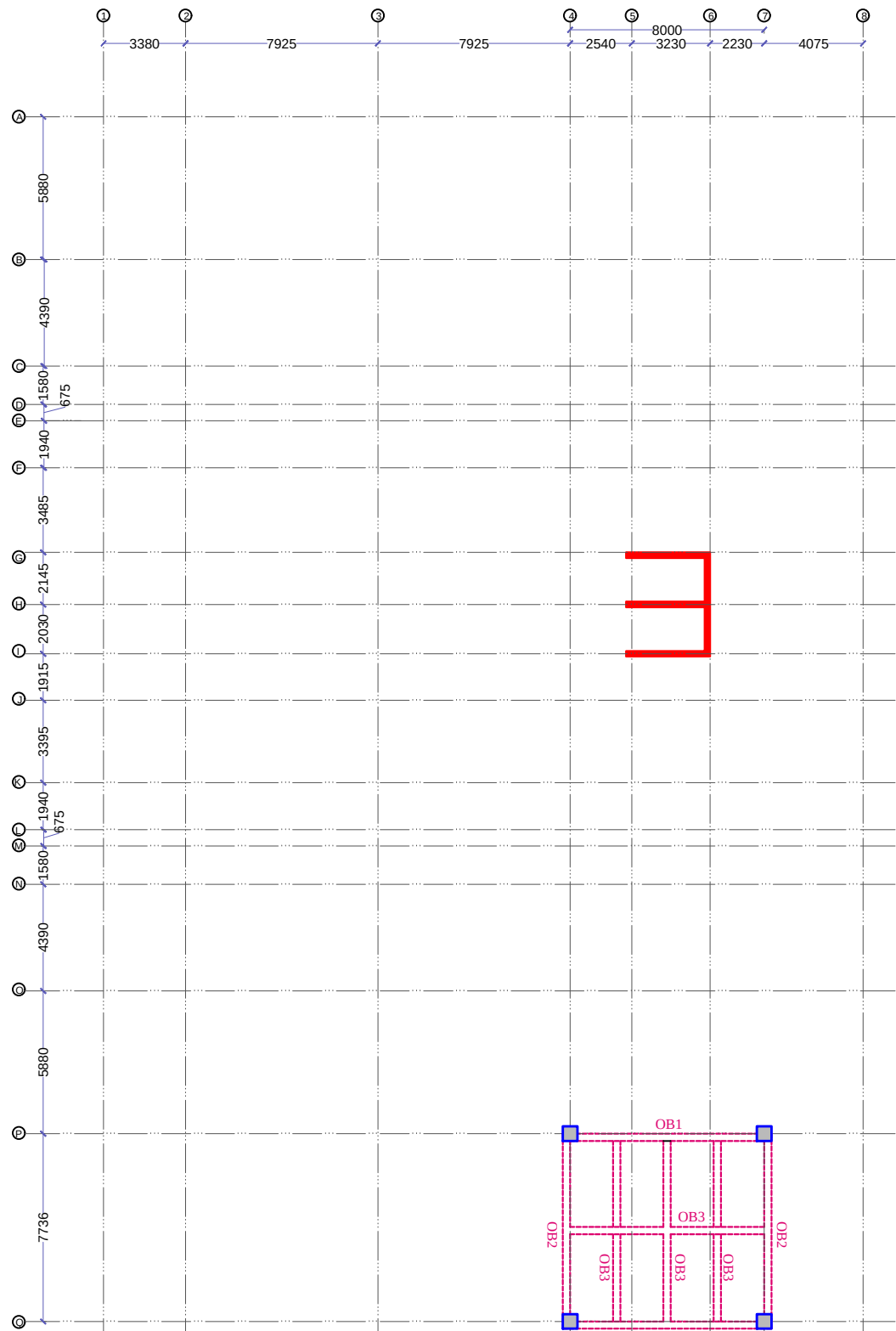


DRAWING TITLE:-
PILE,PEDESTAL & FB LAYOUT

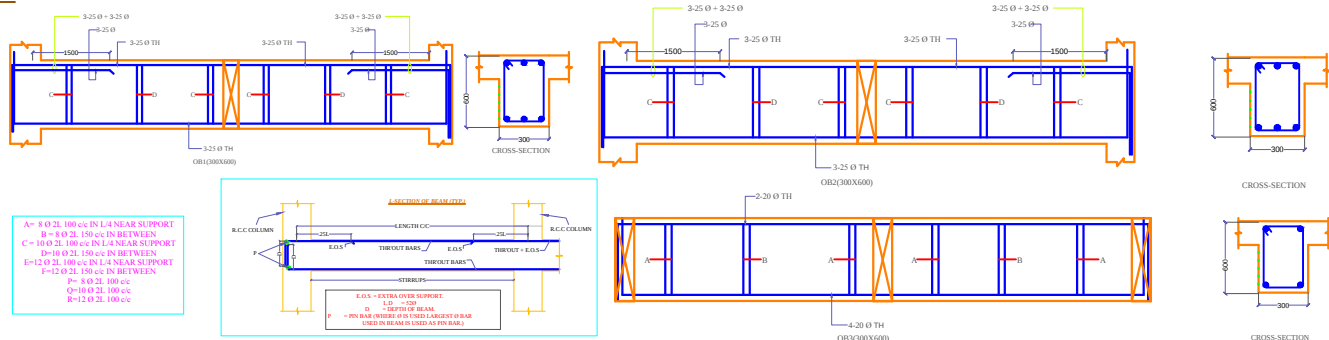
DWG NO:-
16



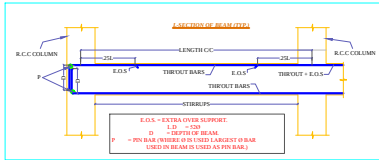
PLINTH BEAM LAYOUT



PORCH FLOOR ROOF BEAM LAYOUT



A= 8 @ 20, 100 c/c IN L/A NEAR SUPPORT
B= 8 @ 20, 150 c/c IN BETWEEN
C= 10 @ 20, 100 c/c IN L/A NEAR SUPPORT
D= 10 @ 20, 150 c/c IN L/A NEAR SUPPORT
E= 12 @ 20, 100 c/c IN L/A NEAR SUPPORT
F= 12 @ 20, 150 c/c IN BETWEEN
G= 8 @ 20, 100 c/c
H= 8 @ 20, 150 c/c
I= 12 @ 20, 100 c/c



TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

GENERAL NOTES

1. CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
2. FIGURED DIMENSIONS SHALL BE FOLLOWED.
3. ALL DIMENSIONS ARE GIVEN IN MM UNLESS OTHERWISE SPECIFIED.
4. THE FOUNDATION HAS BEEN DESIGNED FOR SBC AS PER SOIL REPORT.
5. TOTAL NUMBER OF STOREY IS (STILT+6).
6. MIX M-30 FOR FOUNDATION & COLUMNS. MIX M-25 FOR ALL OTHERS.
7. THE REINFORCEMENT SHALL OF GRADE FE-500 HAVING ELONGATION MORE THAN 14.5% AND CONFIRMING OTHER REQUIREMENTS OF IS 1786 : 2008.
8. ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING RMC.
9. THE BRICK WORK SHALL COMMENCE ONLY AFTER THE COMPLETION OF RCC FRAME WORK
10. STEEL SHUTTERING SHOULD BE USED FOR ALL THE RCC WORKS
11. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
a. FOUNDATIONS: 50mm
b. COLUMNS: 40mm
c. R.C.C WALLS: 40mm
d. BEAMS: 25mm
e. SLABS: 25mm
12. OVER LAP LENGTH : 52X DIA OF BAR.
13. MIN. GAP BETWEEN TWO BARS = 25 MM.
14. HOOKS FOR TIES/STIRRUPS = 6X DIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

PLINTH BEAM LAYOUT
PORCH FLOOR ROOF BEAM LAYOUT

DWG. NO.

STC -16

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD. NO. 1173

TP

TECH PEFICIF

STRUCTURAL CONSULTANTS

MORTH NO.-RW/NH-34054/1/2014-S&R(B) Category-II(17)

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Mob. No. - +91-8968012763

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ARCHITECT'S SIGN. OWNER'S SIGN.



PROJECT ARCHITECT

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PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

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b. COLUMNS: 40mm
c: R.C.C WALLS: 40mm
d: BEAMS:25mm
e. SLABS:25mm
13. OVER LAP LENGTH : 52XDIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS =25 MM.
15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

PLINTH LEVEL BEAM DETAIL

DWG.NO.

STC.- 17

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD.No.1173



TECH PACIFIC
STRUCTURAL CONSULTANTS

Morth No:-RW/NH-34054/1/2014-S&R(B) Category-II(I7)

OFFICE: PLOT NO-40 SECTOR-82 J/LP, MOHALI(PB.)

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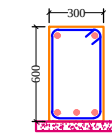
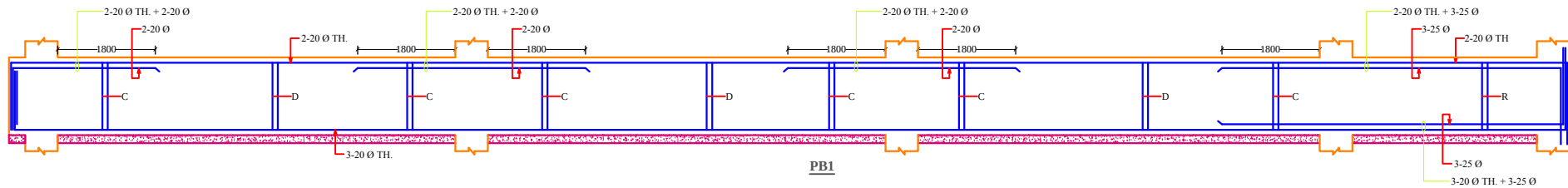
ARCHITECT'S SIGN.

OWNER'S SIGN.

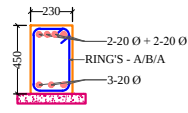


PROJECT ARCHITECT
CREATIVE CONSORTIUM
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
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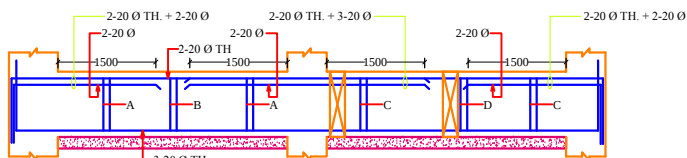
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



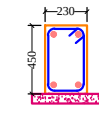
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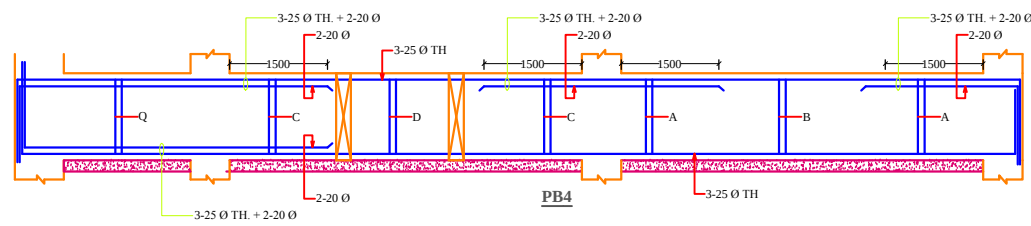
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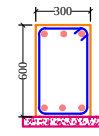
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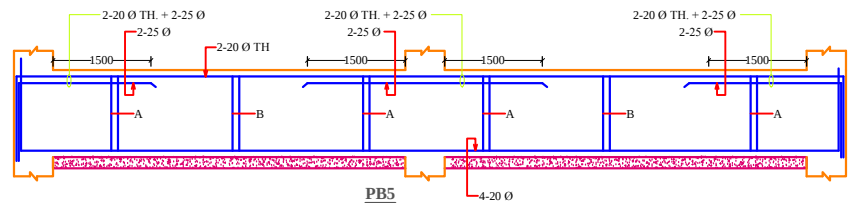
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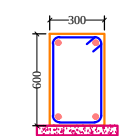
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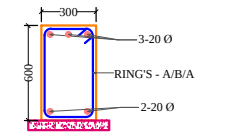
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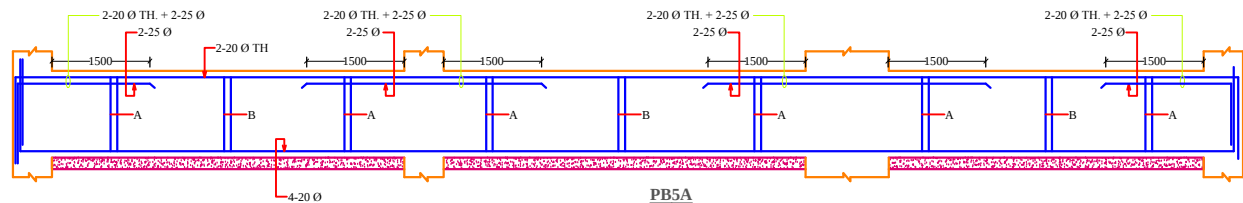
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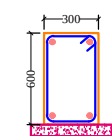
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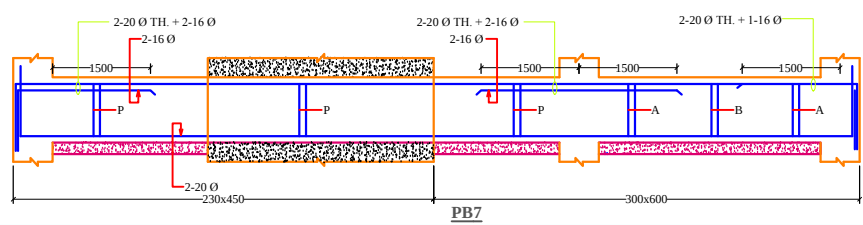
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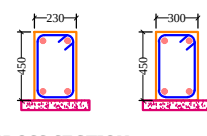
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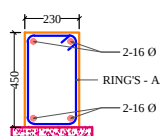
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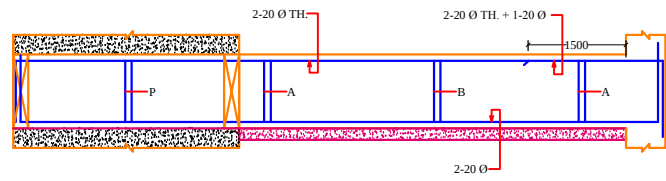
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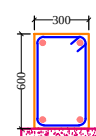
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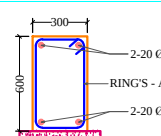
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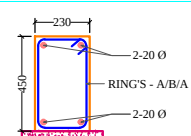
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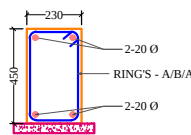
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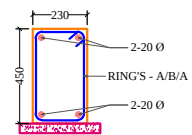
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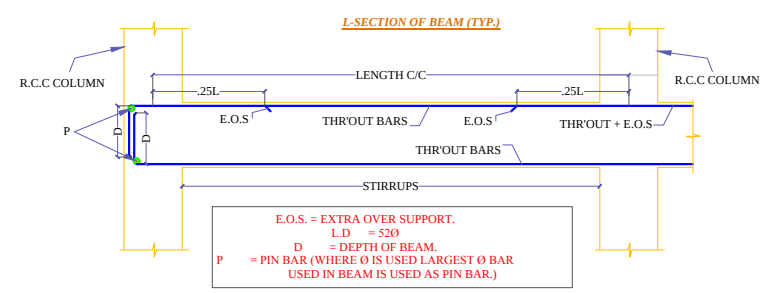
PB11



PB12



PB13



A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c

E.O.S. = EXTRA OVER SUPPORT.
L.D = 520
D = DEPTH OF BEAM.
P = PIN BAR (WHERE Ø IS USED LARGEST Ø BAR
USED IN BEAM IS USED AS PIN BAR.)

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DRAWING TITLE:- DUCTILE DETAILING
AS PER IS 13920

DRG. NO:- STC. 18

SCALE :- DATE:-

DRAWN BY:- CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT. REGD.No.1173



TECH PACIFIC

STRUCTURAL CONSULTANTS

Morth No:-RW/NH-34054/1/2014-S&R(B) Category=II(17)

OFFICE: PLOT NO-40 SECTOR-B2 JLPL,MOHALI(PB.)

Mob. No.- +91-8968012763

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ARCHITECT'S SIGN.

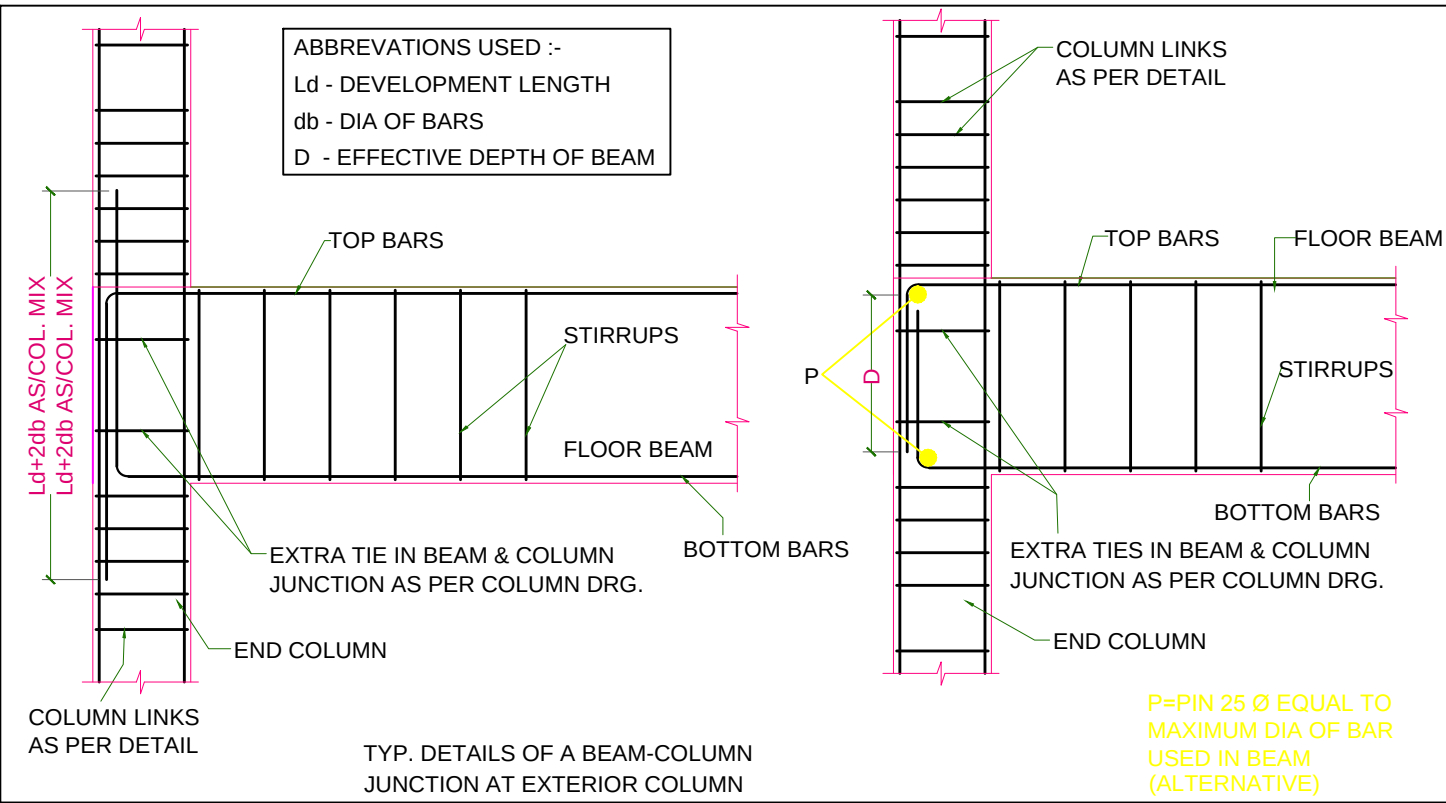
OWNER'S SIGN.



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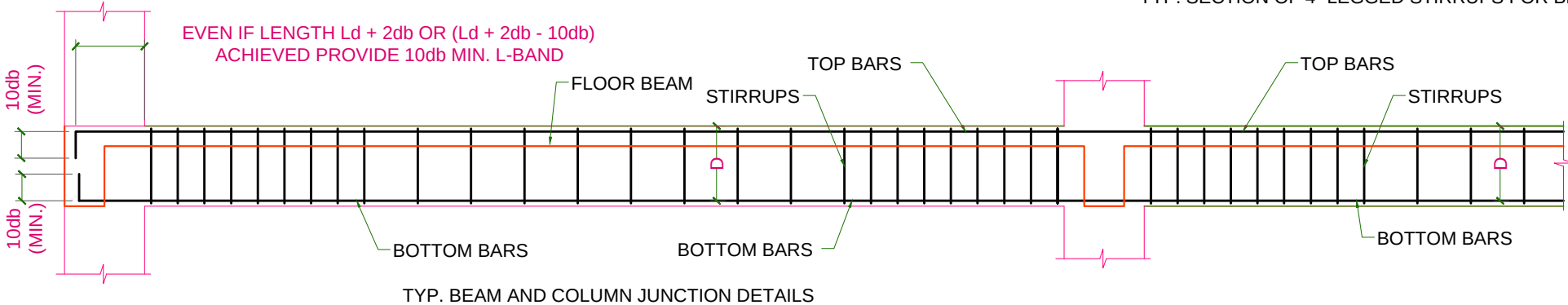
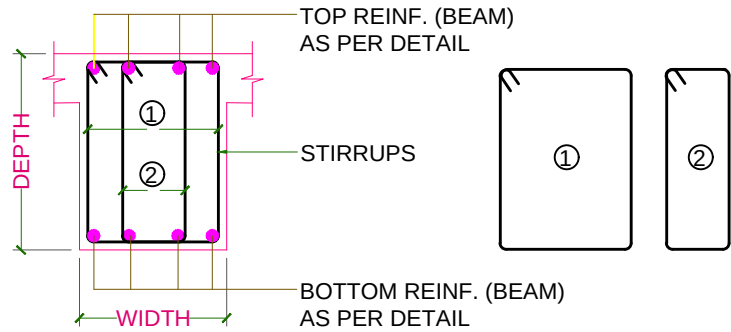


ANCHORAGE LENGTH = Ld + 2db

$f_y=500 \text{ N/mm}^2$

COMPRESSION BARS FOR GRADE OF CONCRETE

L A P L E N G T H (D = DIA OF BARS)					
DIA ↓	M20	M25	M30	M35	M40
32	1200	1200	1100	1000	875
28	1050	1050	1000	860	770
25	950	950	900	800	700
20	750	750	700	610	550
16	600	600	550	500	450
12	450	450	415	370	330

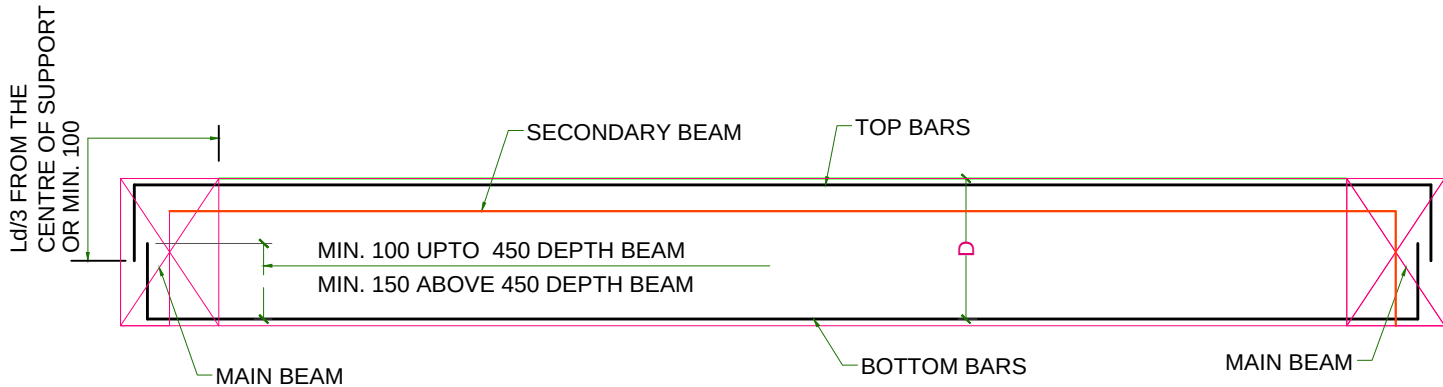


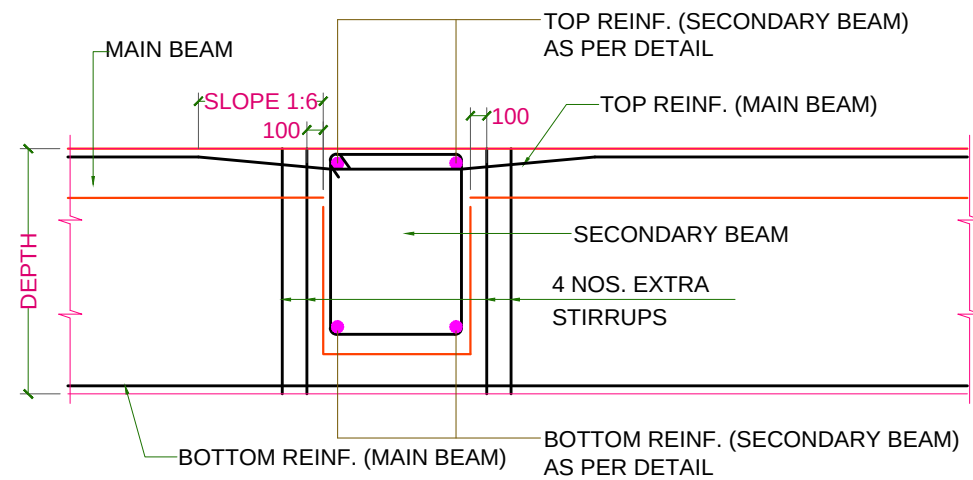
DEVELOPMENT LENGTH

$f_y=500 \text{ N/mm}^2$

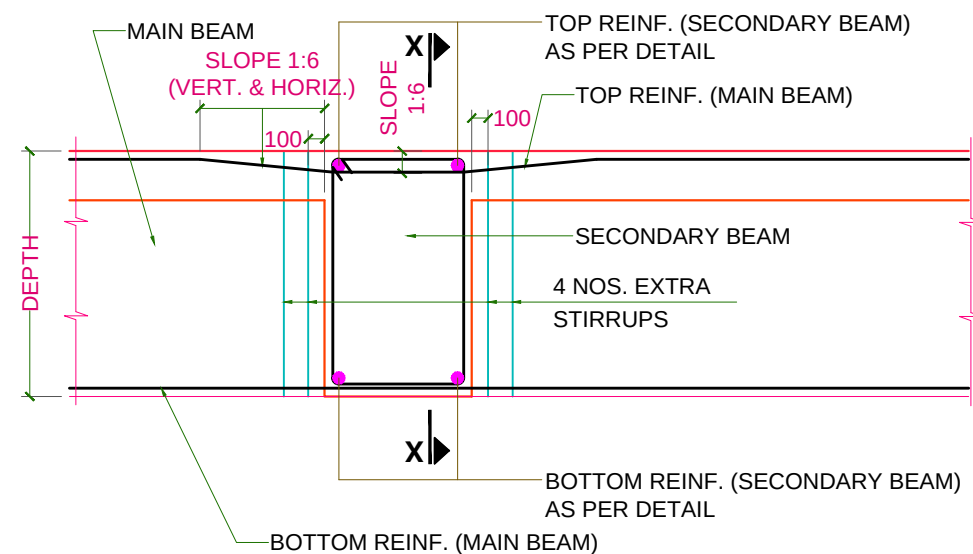
TENSION BARS FOR GRADE OF CONCRETE

L A P L E N G T H (D = DIA OF BARS)					
DIA ↓	M20	M25	M30	M35	M40
32	1500	1500	1400	1220	1100
28	1300	1300	1210	1070	950
25	1160	1160	1100	1000	850
20	930	930	870	770	700
16	750	750	700	610	550
12	560	560	520	460	410
10	470	470	440	390	345
8	375	375	350	310	300

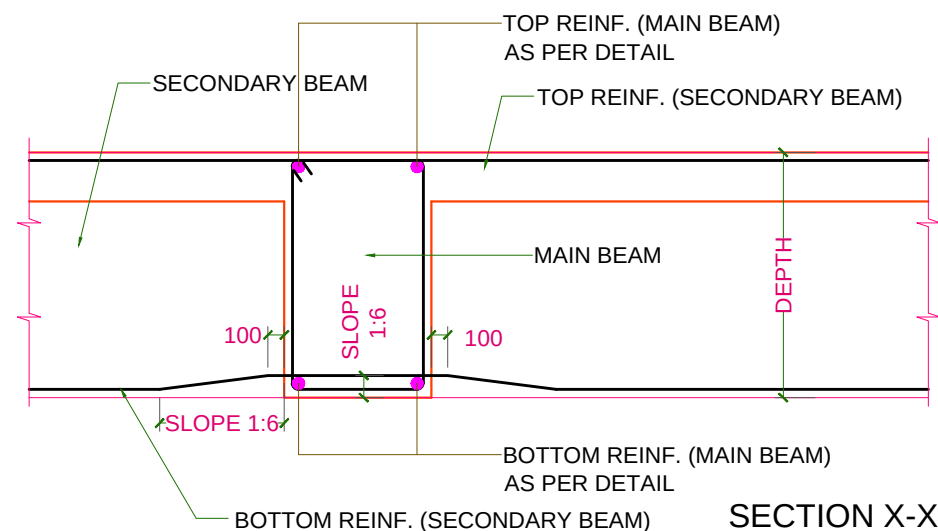




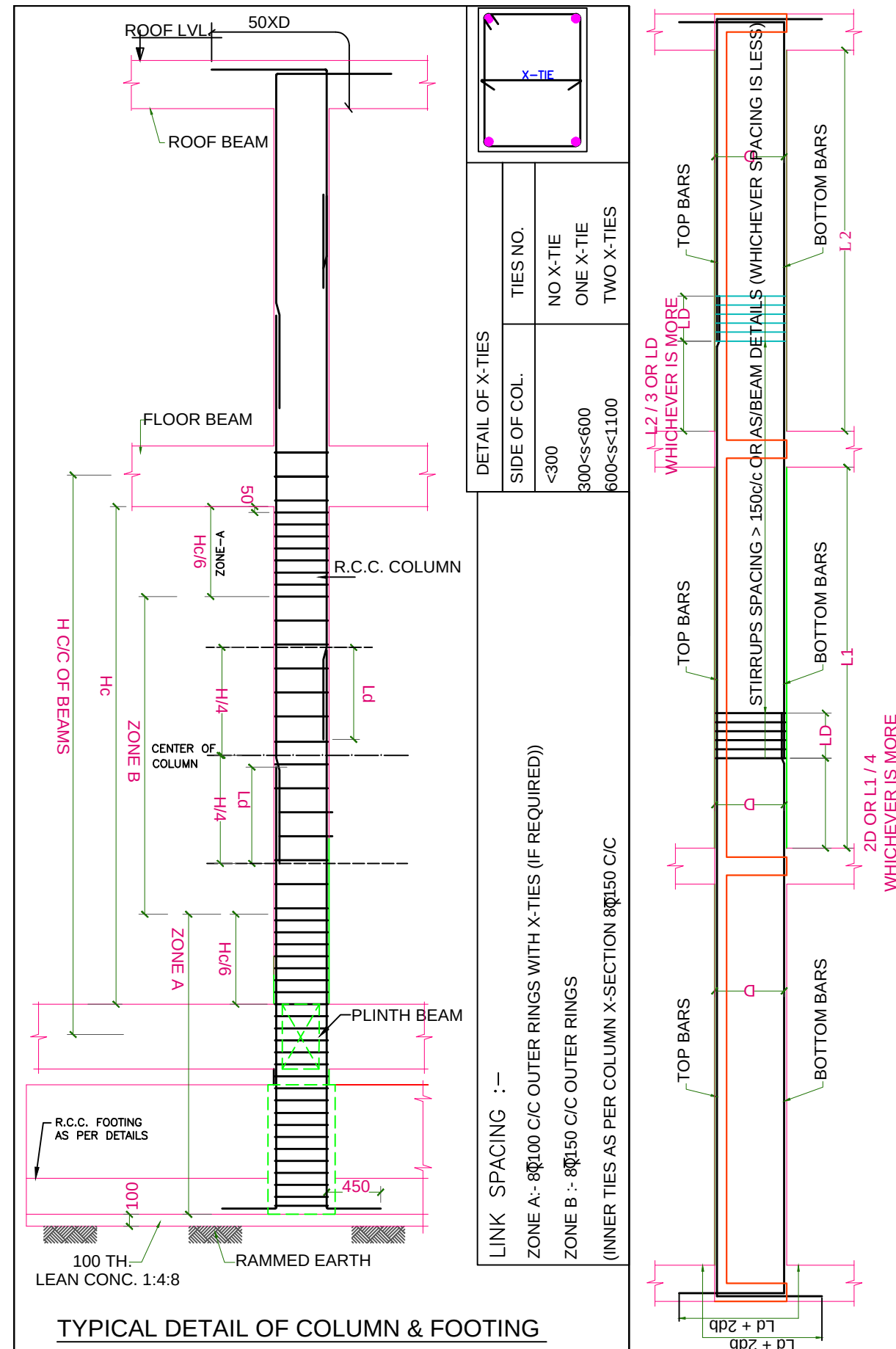
**TYP. JUNCTION DETAILS OF MAIN & SECONDARY BEAM
(FOR DIFFERENT BEAM DEPTHS)**



**TYP. JUNCTION DETAILS OF MAIN & SECONDARY BEAM
(FOR SAME BEAM DEPTHS)**



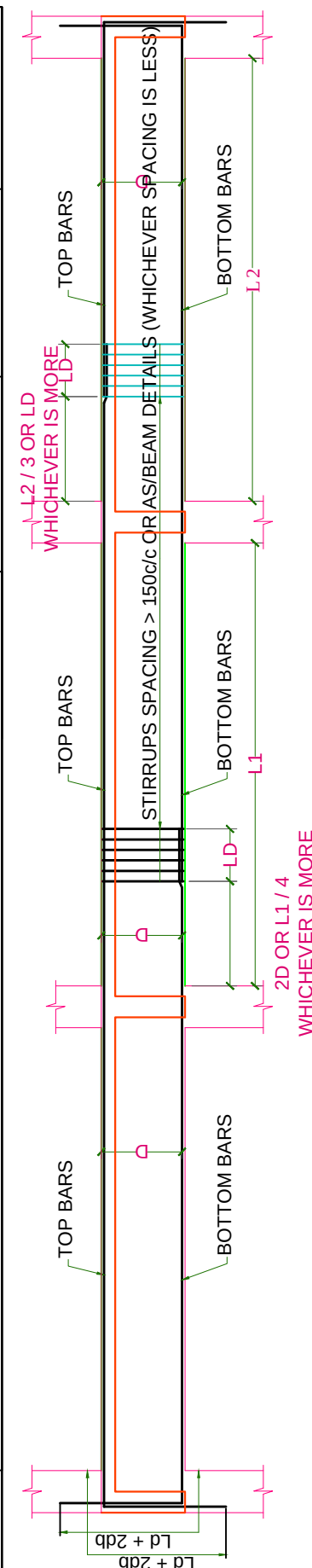
SECTION X-X



TYPICAL DETAIL OF COLUMN & FOOTING

DETAIL OF X-TIES	
SIDE OF COL.	TIES NO.
<300	NO X-TIE
300<s<600	ONE X-TIE
600<s<1100	TWO X-TIES

LINK SPACING :-
 ZONE A :- 8 ϕ 100 C/C OUTER RINGS WITH X-TIES (IF REQUIRED))
 ZONE B :- 8 ϕ 150 C/C OUTER RINGS
 (INNER TIES AS PER COLUMN X-SECTION 8 ϕ 150 C/C



TYPICAL REINFORCEMENT SPLICING DETAIL IN BEAM

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DRAWING TITLE:- DUCTILE DETAILING
AS PER IS 13920

DRG. NO:- STC. 19

SCALE :- DATE:-

DRAWN BY:- CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT. REGD.No.1173

TP TECH PECIFIC
STRUCTURAL CONSULTANTS
Morth No:-RW/NH-34054/1/2014-S&R(B) Category=II(17)

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Mob. No. - +91-8968012763

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ARCHITECT'S SIGN. OWNER'S SIGN.



PROJECT ARCHITECT

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ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
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14. MIN. GAP BETWEEN TWO BARS = 25 MM.
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 $=6X\phi$ DIA OF TIE/STIRRUP ≥ 65 MM

STILT FLOOR BEAM LAYOUT AND SLAB R/F DETAIL

STC.-20

DRAWN BY:-	CHKD. BY
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STR. CONSULTANT SIGN.

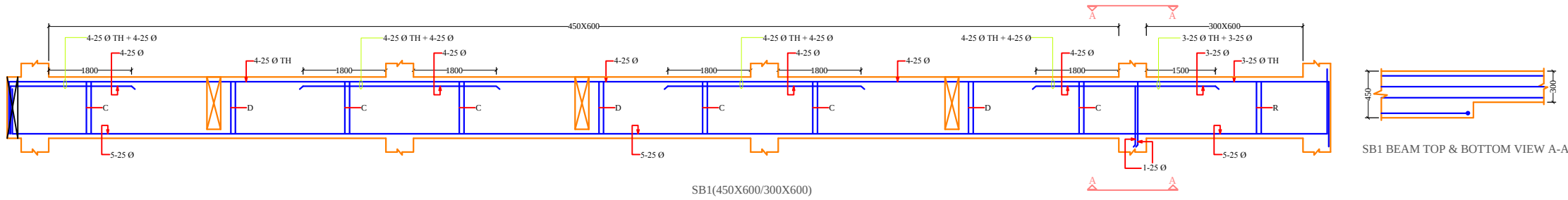
TP **TECH PEFIC**
STRUCTURAL CONSULTANTS
Morth No:-RW/NH-34054/1/2014-S&R(B) Category-II(17)
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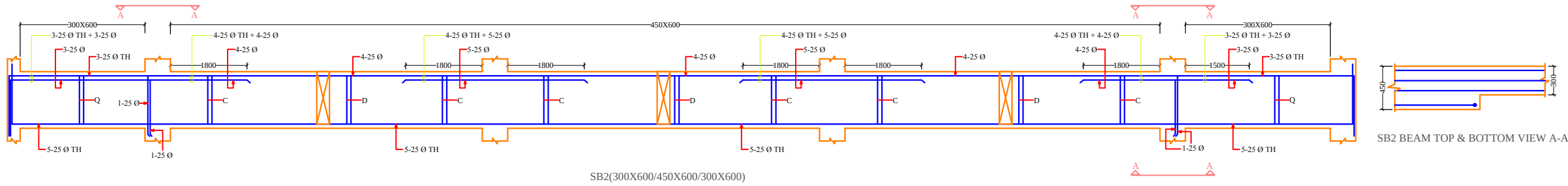


PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

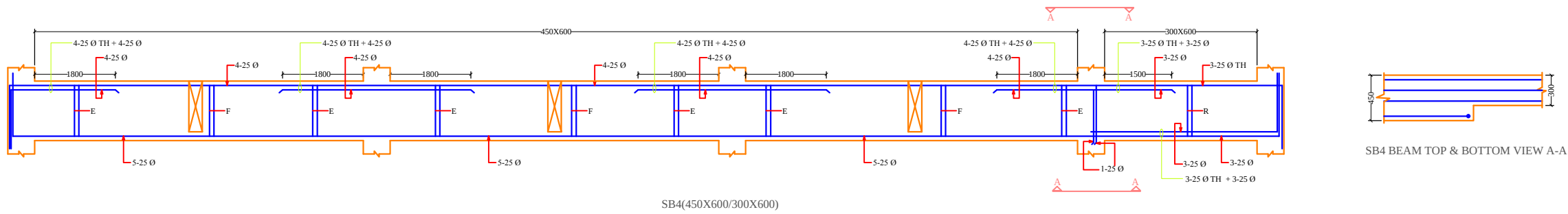




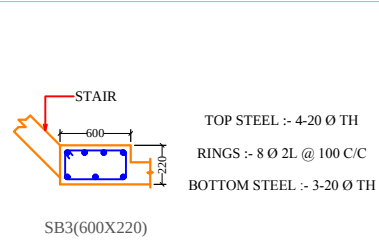
SB1 BEAM TOP & BOTTOM VIEW A-A



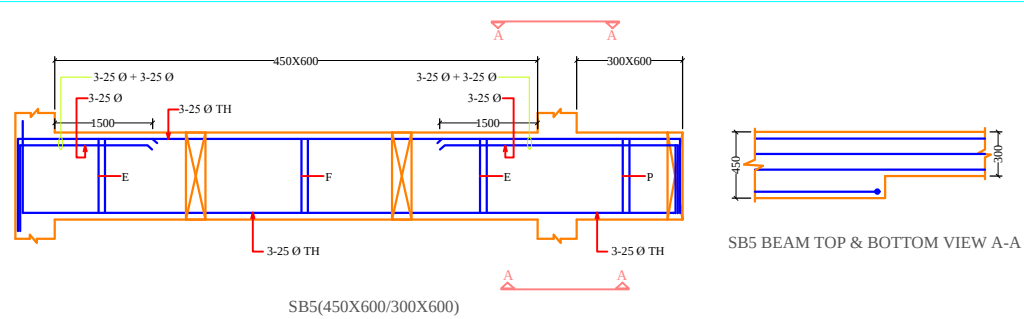
SB2 BEAM TOP & BOTTOM VIEW A-A



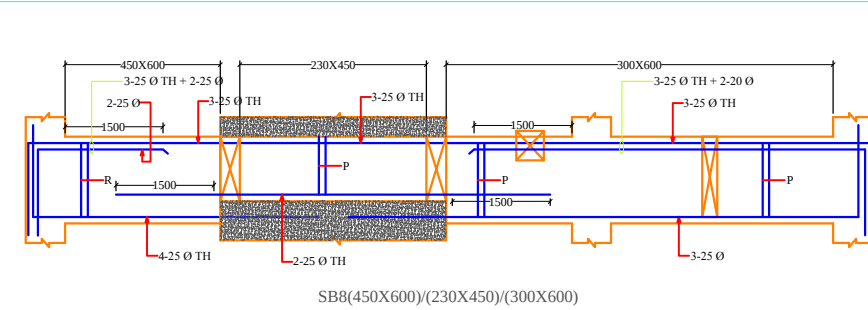
SB4 BEAM TOP & BOTTOM VIEW A-A



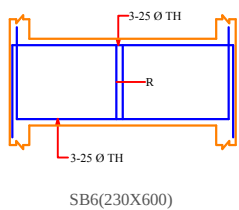
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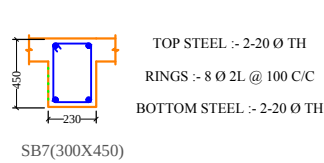
SB5 BEAM TOP & BOTTOM VIEW A-A



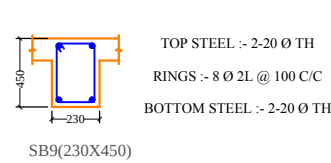
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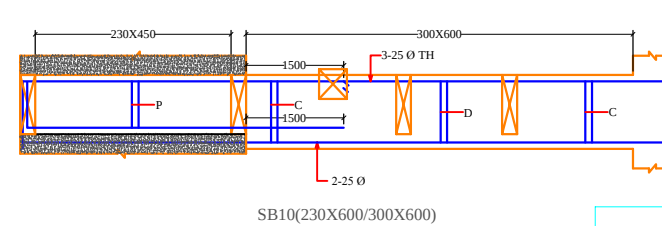
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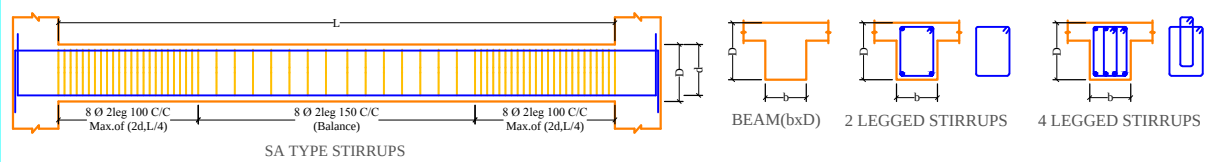
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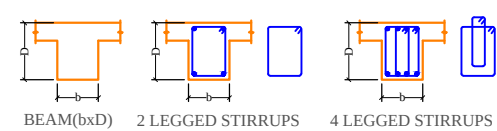
SB9(230X450)



SB10(230X600/300X600)



SA TYPE STIRRUPS

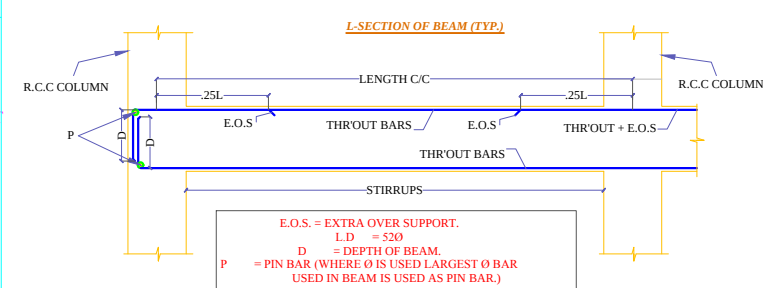


BEAM(bxD)

2 LEGGED STIRRUPS

4 LEGGED STIRRUPS

A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B= 8 Ø 2L 150 c/c IN BETWEEN
C= 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



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7. THE REINFORCEMENT SHALL OF GRADE FE-500 HAVING ELONGATINON MORE THAN 14.5% AND CONFIRMING OTHER REQUIREMENTS OF IS 1786 : 2008.
9. ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING RMC.
10. THE BRICK WORK SHALL COMMENCE ONLY AFTER THE COMPLETION OF RCC FRAME WORK
11. STEEL SHUTTERING SHOULD BE USED FOR ALL THE RCC WORKS
12. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
a. FOUNDATIONS: 50mm
b. COLUMNS: 40mm
c. R.C.C WALLS: 40mm
d. BEAMS:25mm
e. SLABS:25mm
13. OVER LAP LENGTH : 52XDIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS =25 MM.
15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-
SHEET-1
STILT FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-21

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD.No.1173

TP **TECH PECIFIC**
STRUCTURAL CONSULTANTS
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ARCHITECT'S SIGN. OWNER'S SIGN.

PROJECT ARCHITECT
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info@creativeconsortium.co.in
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PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

GENERAL NOTES

1. CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
2. FIGURED DIMENSIONS SHALL BE FOLLOWED .
3. ALL DIMENSIONS ARE GIVEN IN MM UNLESS OTHERWISE SPECIFIED.
4. THE FOUNDATION HAS BEEN DESIGNED FOR SBC AS PER SOIL REPORT.
5. TOTAL NUMBER OF STOREY IS (STILT+6).
6. MIX M-30 FOR FOUNDATION & COLUMNS.
MIX M-25 FOR ALL OTHERS.
7. THE REINFORCEMENT SHALL OF GRADE FE-500 HAVING ELONGATINON MORE THAN 14.5% AND CONFIRMING OTHER REQUIREMENTS OF IS 1786 : 2008.
9. ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING RMC.
10. THE BRICK WORK SHALL COMMENCE ONLY AFTER THE COMPLETION OF RCC FRAME WORK
11. STEEL SHUTTERING SHOULD BE USED FOR ALL THE RCC WORKS
12. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
a. FOUNDATIONS: 50mm
b. COLUMNS: 40mm
c. R.C.C WALLS: 40mm
d. BEAMS:25mm
e. SLABS:25mm
13. OVER LAP LENGTH : 52XDIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS =25 MM.
15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

SHEET-2
STILT FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-22

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD.No.1173



TECH PECIFIC

STRUCTURAL CONSULTANTS

North No:-RW/NH-34054/1/2014- S&R(B) Category=II(17)

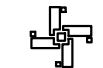
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ARCHITECT'S SIGN.

OWNER'S SIGN.



PROJECT ARCHITECT

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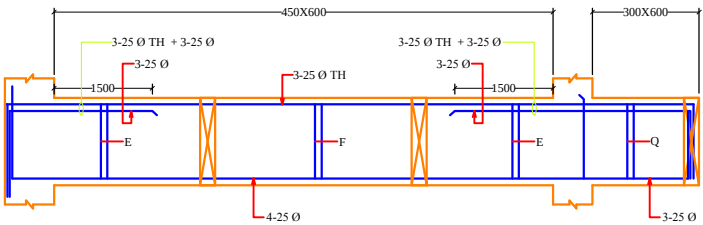
NEW DELHI; PH. 7838071488

Web site : www.creativeconsortium.co.in

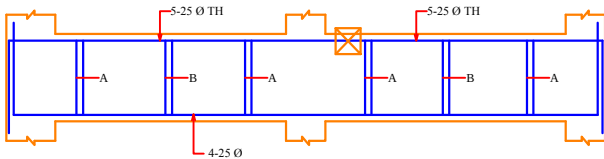
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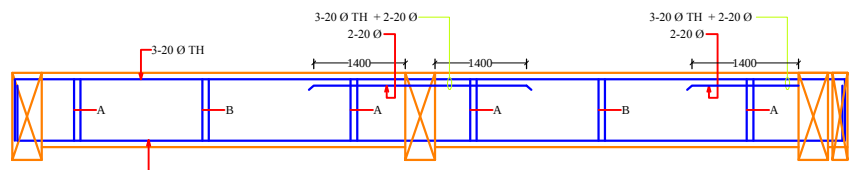
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



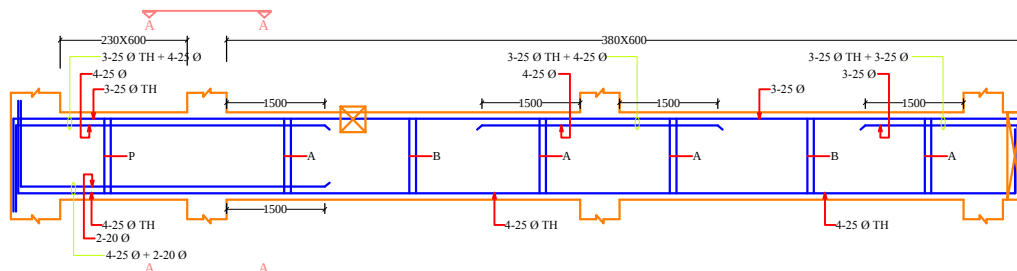
SB11(450X600/300X600)



SB12/SB12'(300X600)



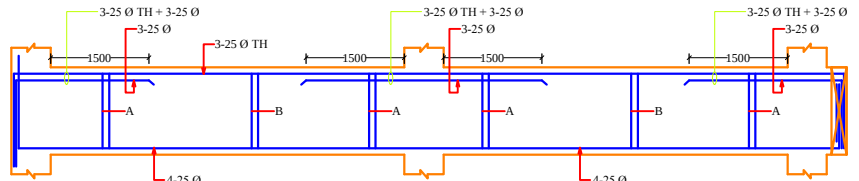
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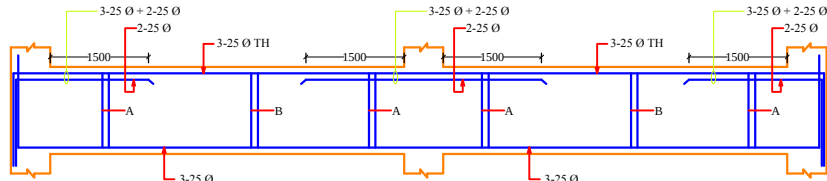
SB13/SB13'(230X600/380X600)



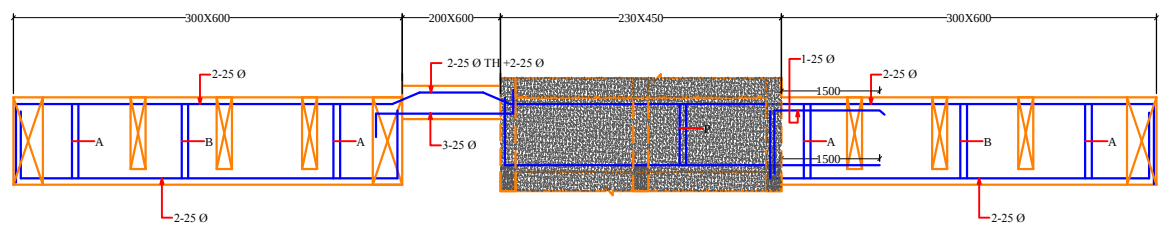
SB13 BEAM TOP & BOTTOM VIEW A-A



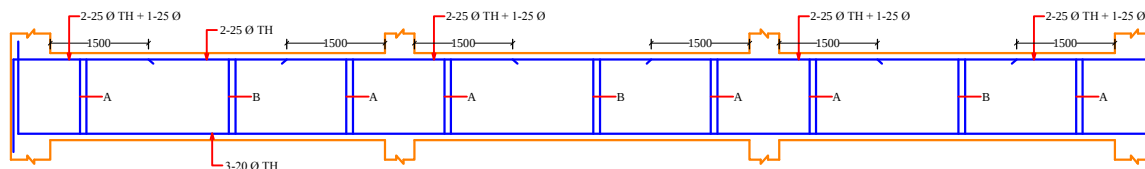
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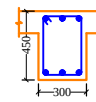
SB15A/SB15A'(380X600)



SB18

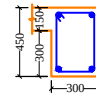


SB16(300X450)



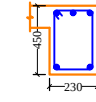
SB26(300X450)

TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 3-16 Ø TH



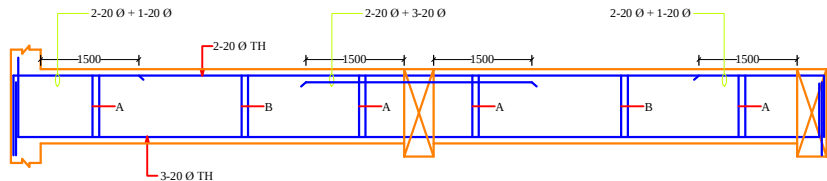
SB27(300X450)

TOP STEEL :- 2-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH

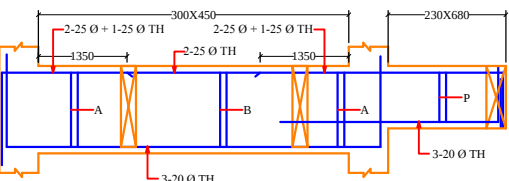


SB23(230X450)

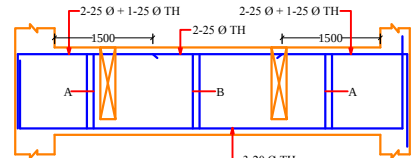
TOP STEEL :- 3-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH



SB19/SB19'(300X450)



SB21(300X450/230X680)

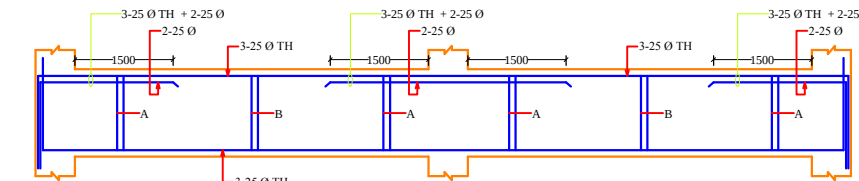


SB22(300X450)

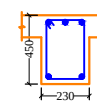


SB25(600X200)

STAIR
TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 4-20 Ø TH



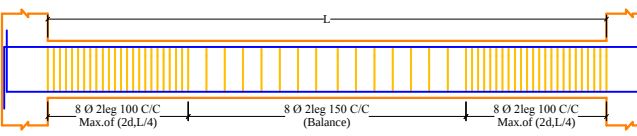
SB24(300X600)



CB

TOP STEEL :- 3-25 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH

A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



SA TYPE STIRRUPS



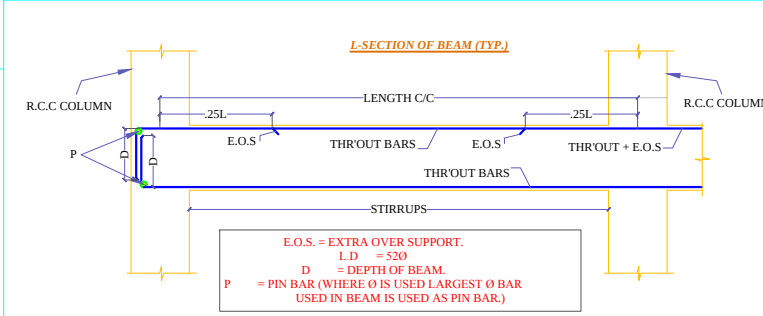
BEAM (bxD)



2 LEGGED STIRRUPS



4 LEGGED STIRRUPS



TENDER DRAWING FOR PROPOSED
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4. THE FOUNDATION HAS BEEN DESIGNED FOR SBC AS PER SOIL REPORT.
5. TOTAL NUMBER OF STOREY IS (STILT+6).
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11. STEEL SHUTTERING SHOULD BE USED FOR ALL THE RCC WORKS
12. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
a. FOUNDATIONS: 50mm
b. COLUMNS: 40mm
c. R.C.C WALLS: 40mm
d. BEAMS: 25mm
e. SLABS: 25mm
13. OVER LAP LENGTH : $52X\phi$ OF BAR.
14. MIN. GAP BETWEEN TWO BARS = 25 MM.
15. HOOKS FOR TIES/STIRRUPS = $6X\phi$ OF TIE/STIRRUP ≥ 65 MM

DRAWING TITLE:-

FIRST FLOOR BEAM LAYOUT
AND SLAB R/F DETAIL

DWG.NO.

STC-23

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD. NO. 1173



TECH PACIFIC

STRUCTURAL CONSULTANTS

MORTH NO.-RW/NH-34054/1/2014-S&R(B) Category=III(17)

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ARCHITECT'S SIGN. OWNER'S SIGN.



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DELHI OFFICE-409,18/12 W.E.A.KAROL BAGH,

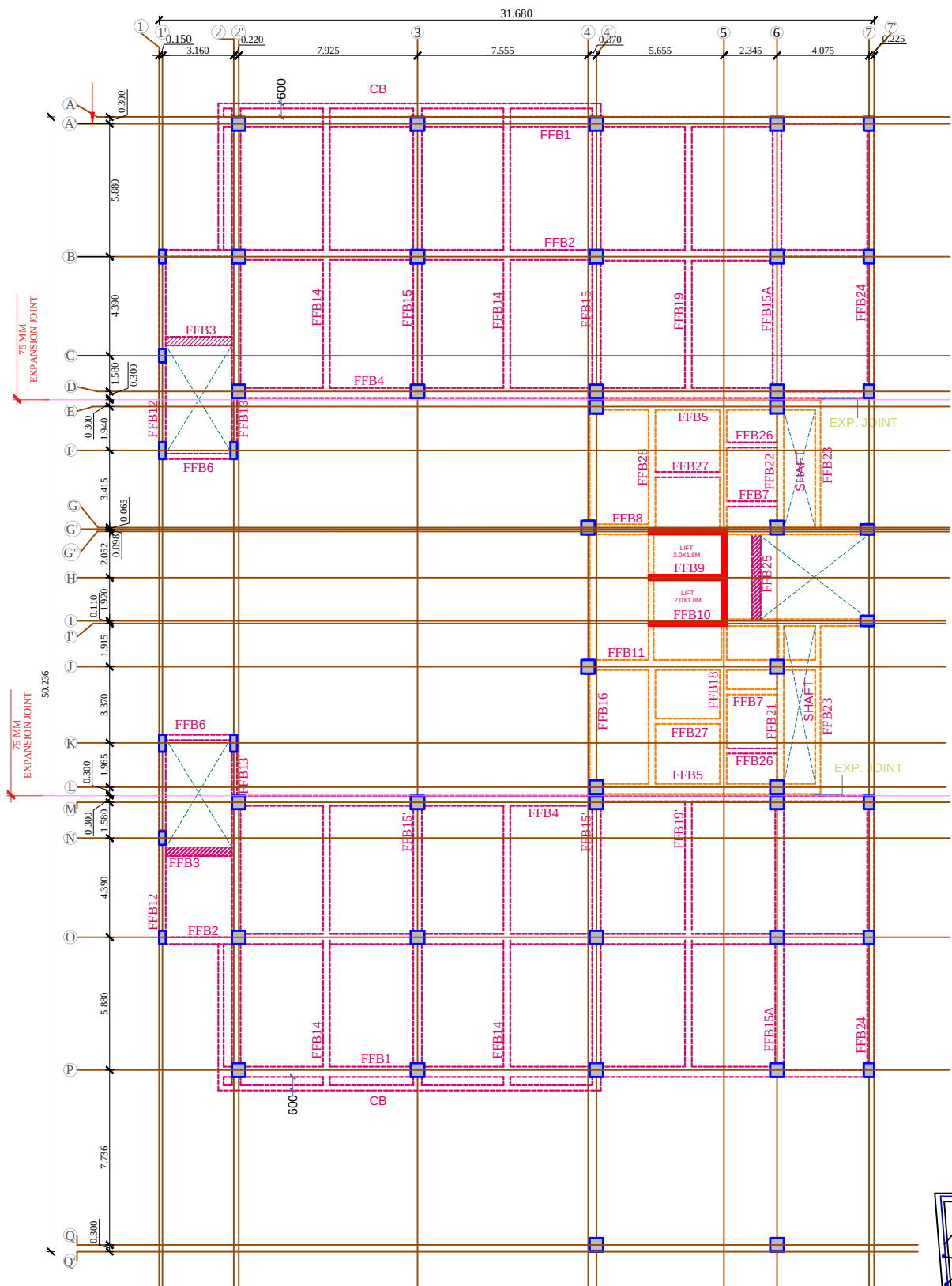
NEW DELHI, PH. 7838071488

Web site : www.creativeconsortium.co.in

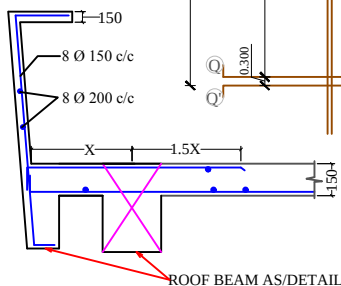
info@creativeconsortium.co.in

creativeconsortium.india@gmail.com

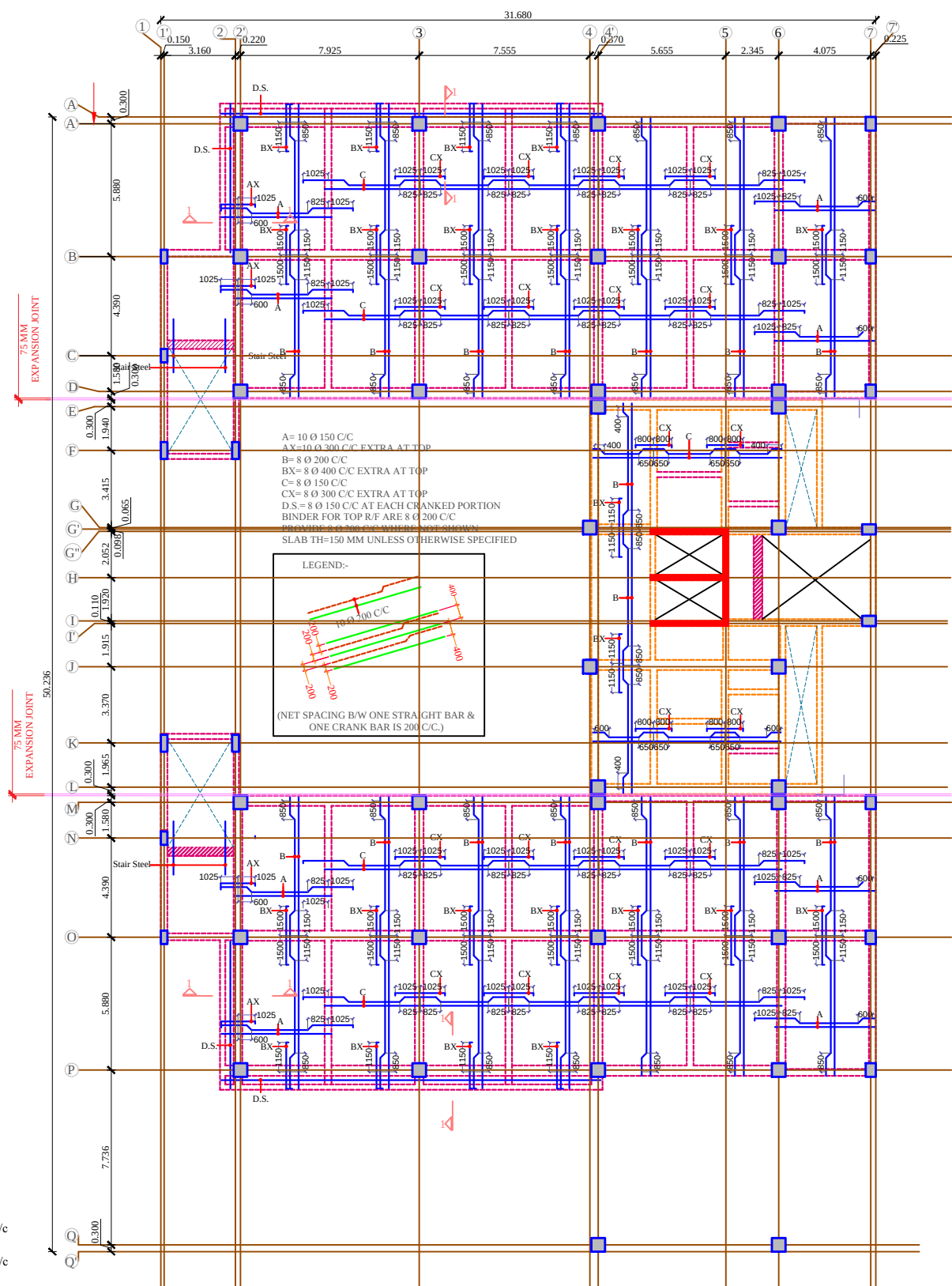
PROJ NO-CC/NHIDCL/GUWAHATI/2017/456



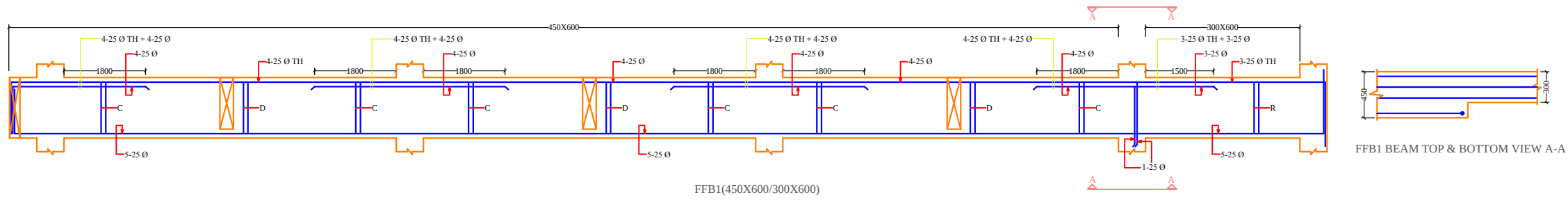
FIRST FLOOR ROOF BEAM LAYOUT



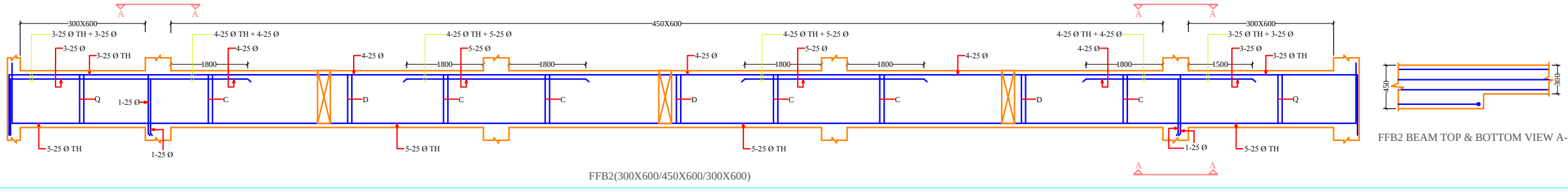
CANTILEVER SLAB SECTION 1-1



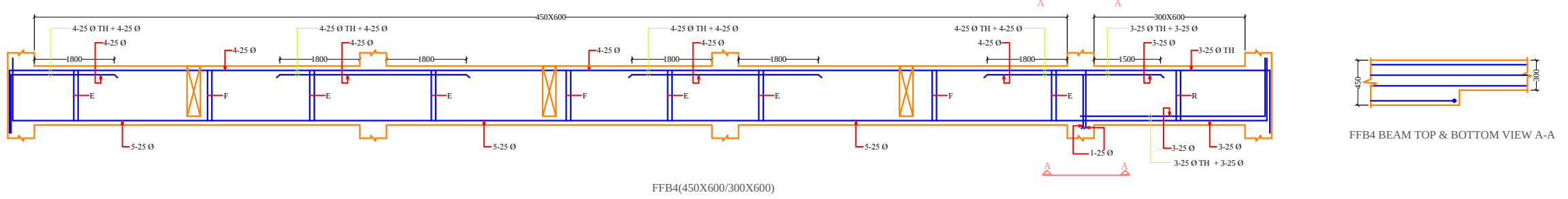
FIRST FLOOR ROOF SLAB R/F DETAIL



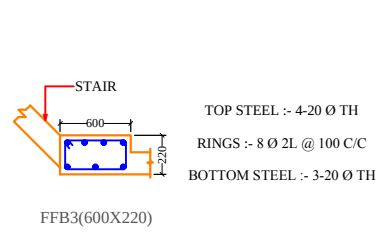
FFB1 BEAM TOP & BOTTOM VIEW A-A



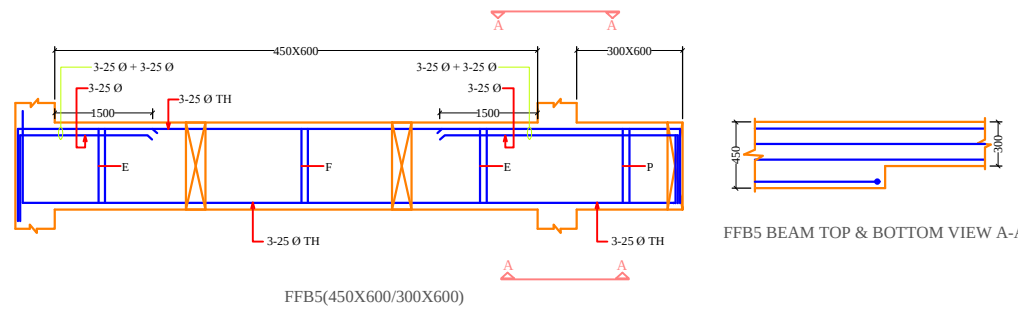
FFB2 BEAM TOP & BOTTOM VIEW A-A



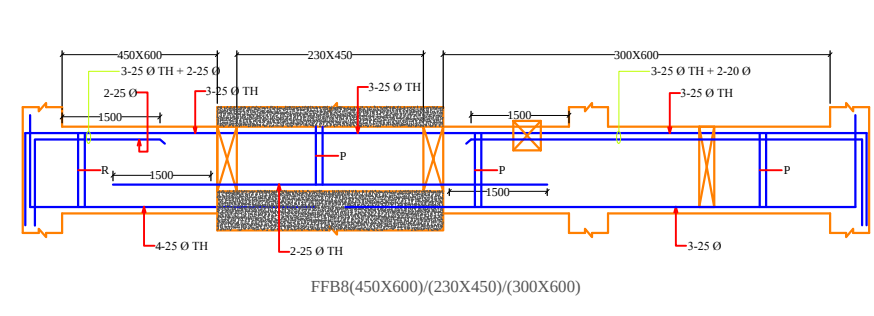
FFB4 BEAM TOP & BOTTOM VIEW A-A



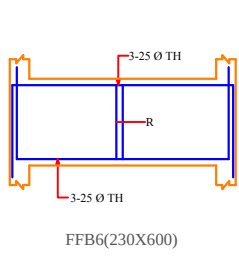
TOP STEEL :- 4-20 TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 3-20 TH



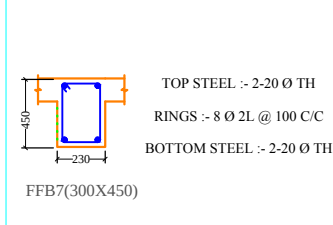
FFB5 BEAM TOP & BOTTOM VIEW A-A



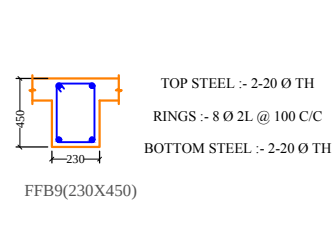
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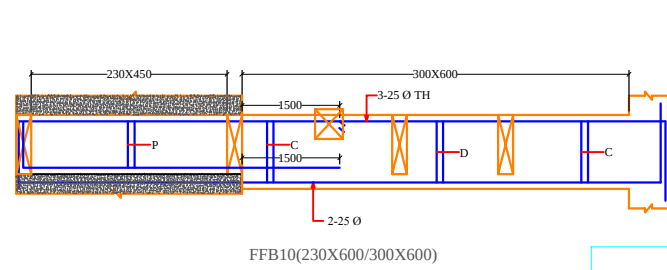
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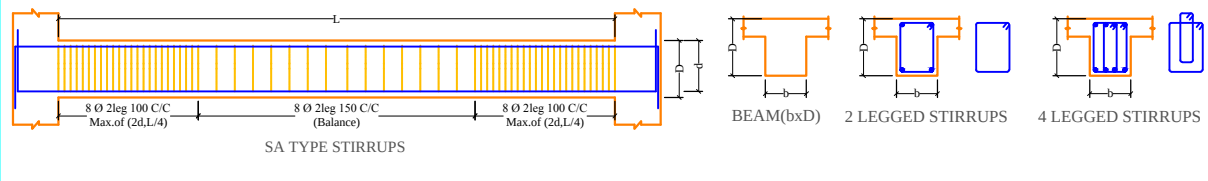
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FFB9(230X450)

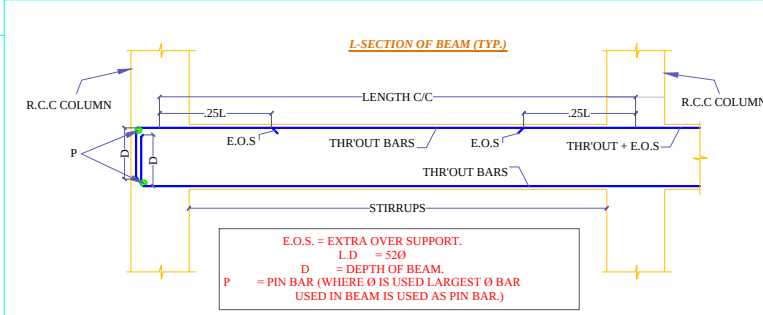


FFB10(230X600/300X600)



SA TYPE STIRRUPS

A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B= 8 Ø 2L 150 c/c IN BETWEEN
C= 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

- GENERAL NOTES**
1. CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
 2. FIGURED DIMENSIONS SHALL BE FOLLOWED .
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 11. STEEL SHUTTERING SHOULD BE USED FOR ALL THE RCC WORKS
 12. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
a. FOUNDATIONS: 50mm
b. COLUMNS: 40mm
c. R.C.C WALLS: 40mm
d. BEAMS:25mm
e. SLABS:25mm
 13. OVER LAP LENGTH : 52XDIA OF BAR.
 14. MIN. GAP BETWEEN TWO BARS =25 MM.
 15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-
SHEET-1
FIRST FLOOR ROOF BEAM DETAIL

DWG.NO.
STC.-24

SCALE :-
DATE:-
DRAWN BY:-
CHKD. BY
STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.
REGD.No.1173
TECH PECIFIC
STRUCTURAL CONSULTANTS
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ARCHITECT'S SIGN. OWNER'S SIGN.

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PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

GENERAL NOTES

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d. BEAMS:25mm
e. SLABS:25mm
13. OVER LAP LENGTH : 52XDIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS =25 MM.
15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

SHEET-2
FIRST FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-25

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

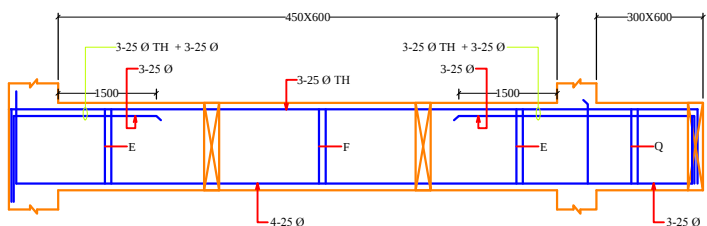
REGD.No.1173
TECH PEFIC
STRUCTURAL CONSULTANTS
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ARCHITECT'S SIGN. OWNER'S SIGN.

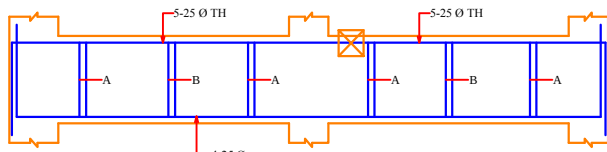


PROJECT ARCHITECT
CREATIVE CONSORTIUM
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
SCO -56-57, SWASTIK VIHAR, M.D.C SECTOR - 5, PANCHKULA.
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creativeconsortium.india@gmail.com

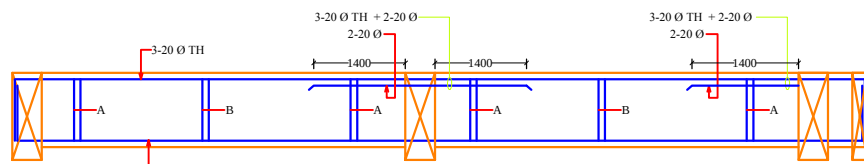
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



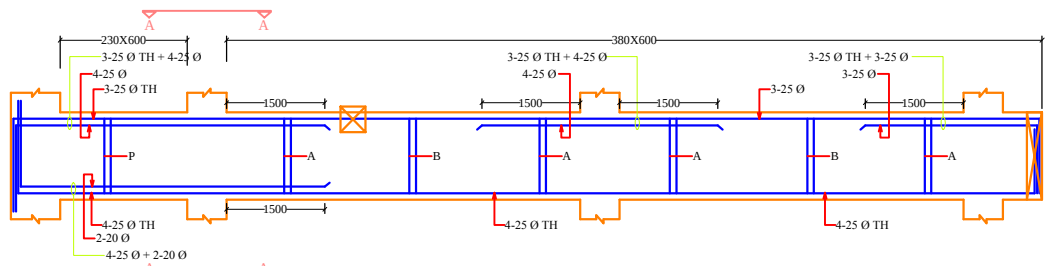
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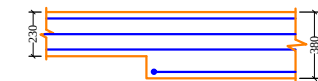
FFB12/FFB12'(300X600)



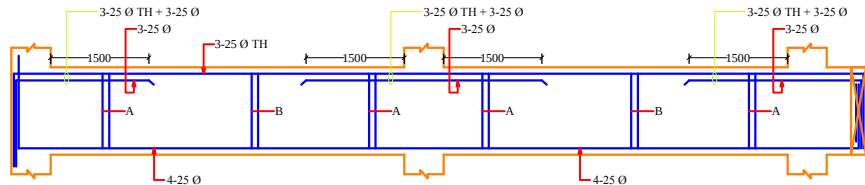
FFB14/FFB14'(300X450)



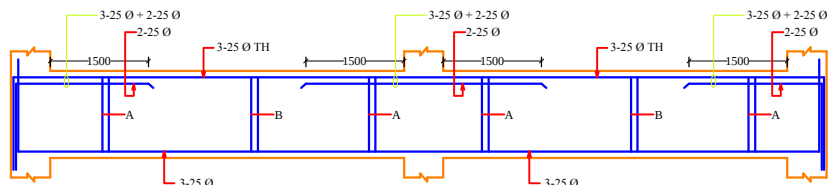
FFB13/FFB13'(230X600/380X600)



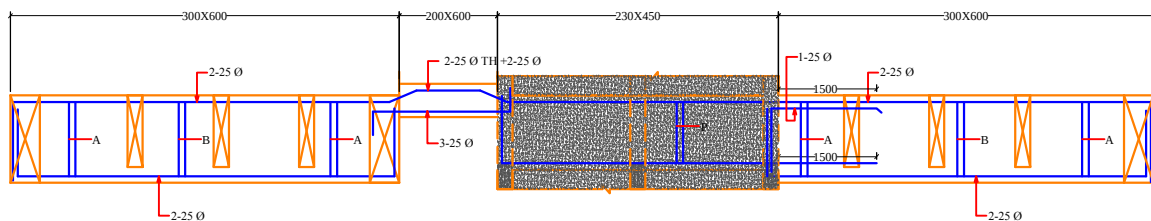
FFB13 BEAM TOP & BOTTOM VIEW A-A



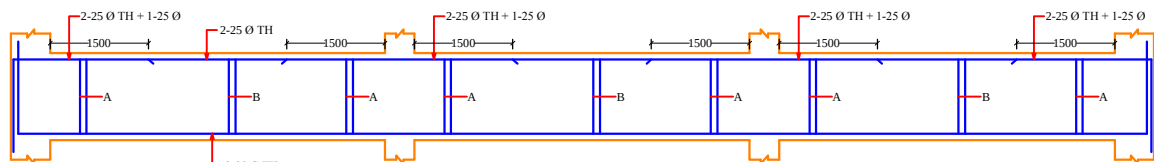
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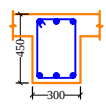
FFB15A/FFB15A'(380X600)



FFB18

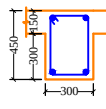


FFB16(300X450)



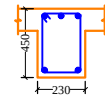
FFB26(300X450)

TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 3-16 Ø TH



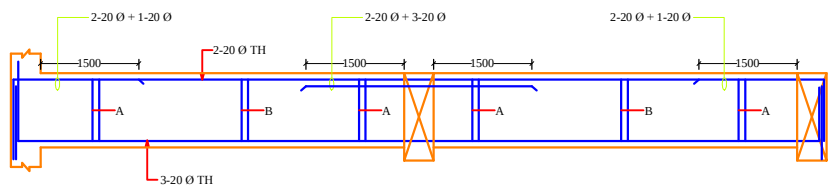
FFB27(300X450)

TOP STEEL :- 2-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH

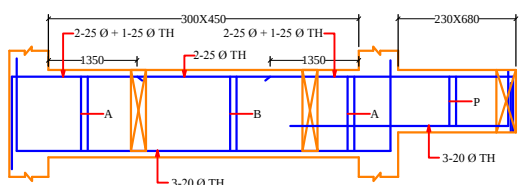


FFB23(230X450)

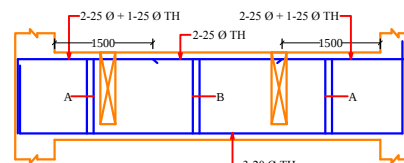
TOP STEEL :- 3-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH



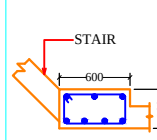
FFB19/FFB19'(300X450)



FFB21(300X450/230X680)

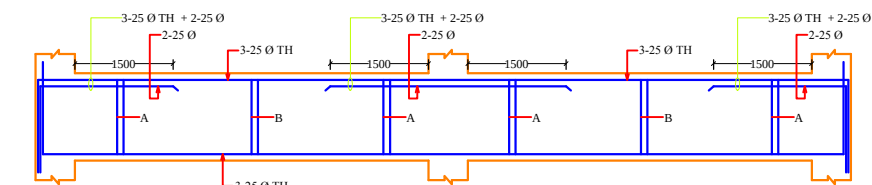


FFB22(300X450)

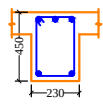


FFB25(600X200)

TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 4-20 Ø TH



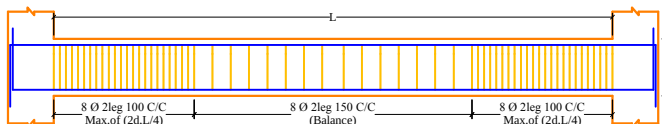
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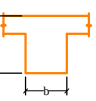
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TOP STEEL :- 3-25 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH

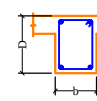
A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



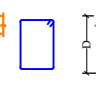
SA TYPE STIRRUPS



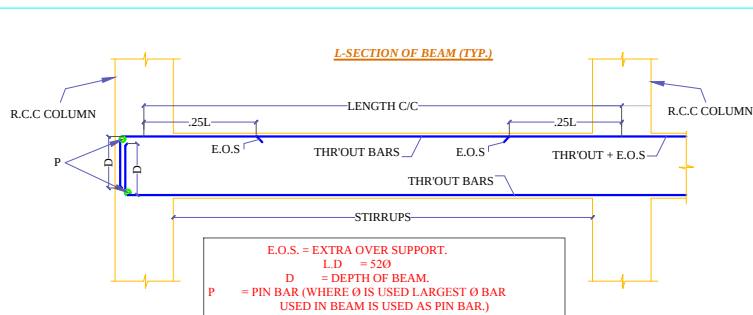
BEAM (bxD)

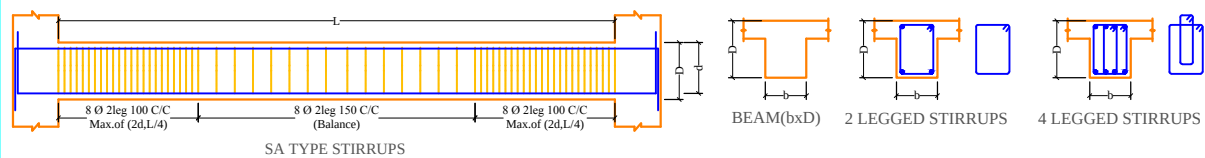
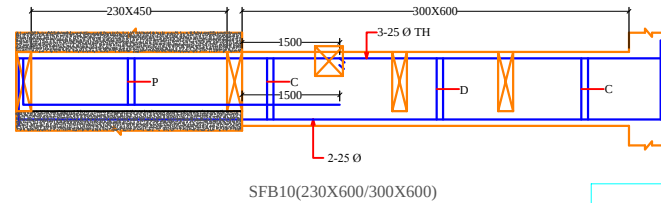
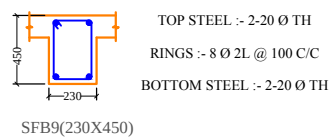
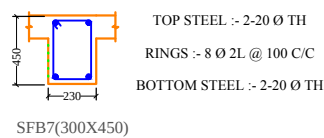
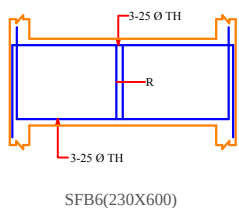
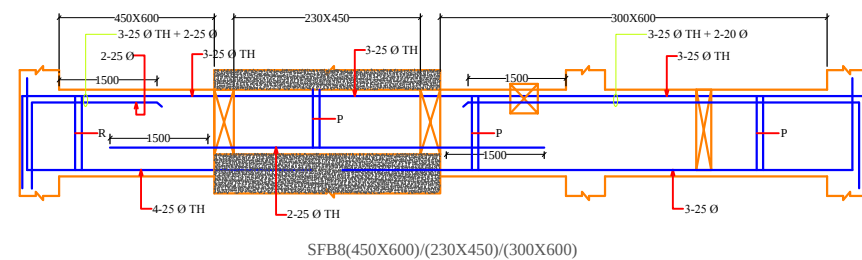
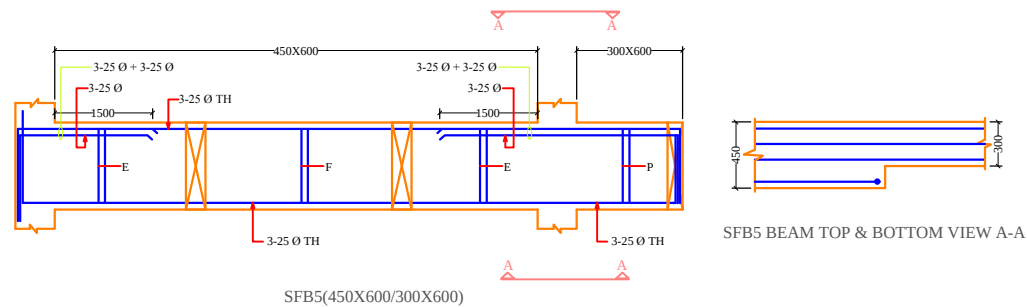
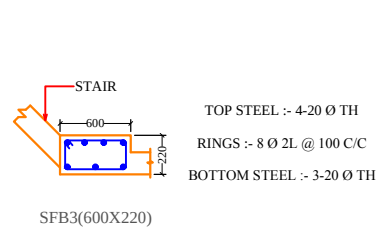
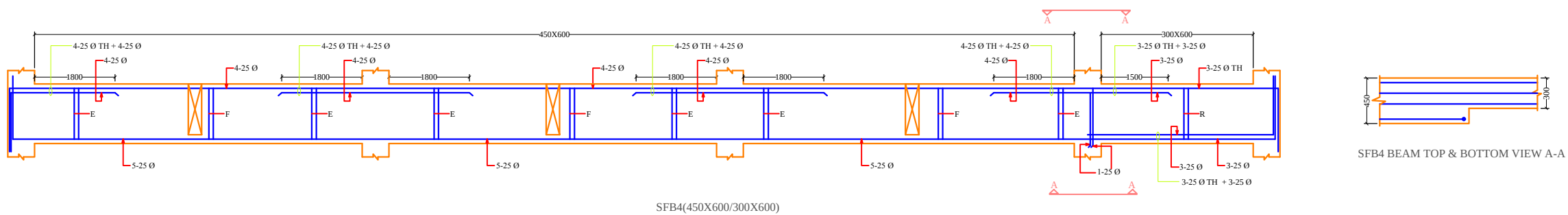
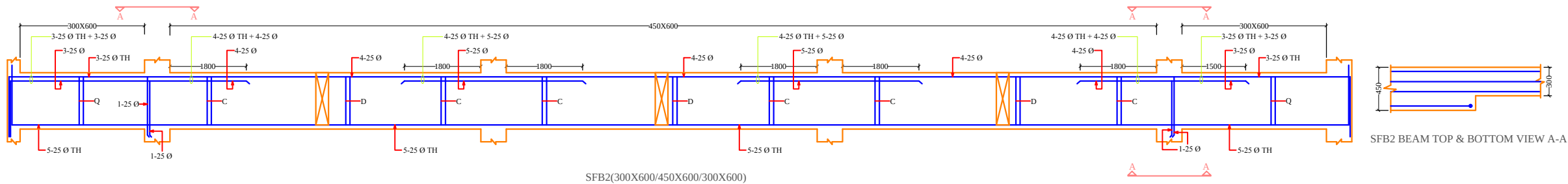
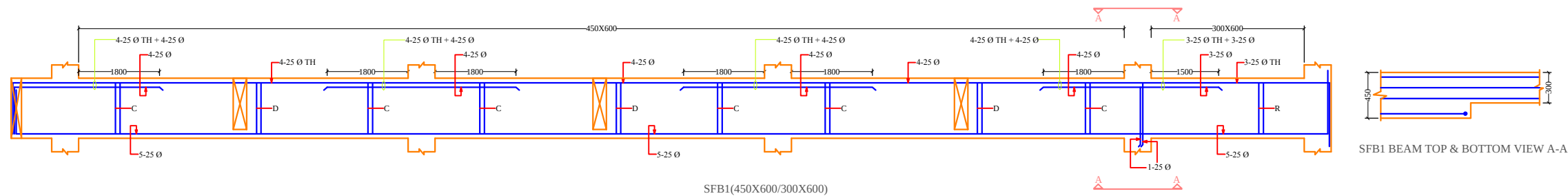


2 LEGGED STIRRUPS

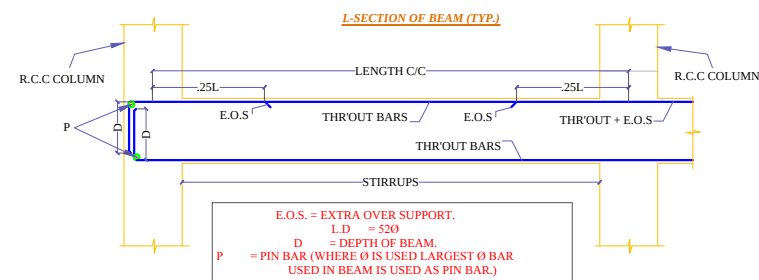


4 LEGGED STIRRUPS





A = 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
 B = 8 Ø 2L 150 c/c IN BETWEEN
 C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
 D=10 Ø 2L 150 c/c IN BETWEEN
 E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
 F=12 Ø 2L 150 c/c IN BETWEEN
 P= 8 Ø 2L 100 c/c
 Q=10 Ø 2L 100 c/c
 R=12 Ø 2L 100 c/c



TENDER DRAWING FOR PROPOSED
 REGIONAL OFFICE BUILDING FOR
 NHIDCL AT GUWAHATI

GENERAL NOTES

- CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
- FIGURED DIMENSIONS SHALL BE FOLLOWED .
- ALL DIMENSIONS ARE GIVEN IN MM UNLESS OTHER WISE SPECIFIED.
- THE FOUNDATION HAS BEEN DESIGNED FOR SBC AS PER SOIL REPORT.
- TOTAL NUMBER OF STOREY IS (STILT+6).
- MIX M-30 FOR FOUNDATION & COLUMNS. MIX M-25 FOR ALL OTHERS.
- THE REINFORCEMENT SHALL OF GRADE FE-500 HAVING ELONGATINON MORE THAN 14.5% AND CONFIRMING OTHER REQUIREMENTS OF IS 1786 : 2008.
- ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING RMC.
- THE BRICK WORK SHALL COMMENCE ONLY AFTER THE COMPLETION OF RCC FRAME WORK
- STEEL SHUTTERING SHOULD BE USED FOR ALL THE RCC WORKS
- CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
 a. FOUNDATIONS: 50mm
 b. COLUMNS: 40mm
 c. R.C.C WALLS: 40mm
 d. BEAMS:25mm
 e. SLABS:25mm
- OVER LAP LENGTH : 52XDIA OF BAR.
- MIN. GAP BETWEEN TWO BARS =25 MM.
- HOOKEs FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

SHEET-1
 SECOND FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-27

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD.No.1173

TP TECH PECIFIC
 STRUCTURAL CONSULTANTS

Morth No:-RW/NH-34054/1/2014-S&R(B) Category-II(L7)

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ARCHITECT'S SIGN.

OWNER'S SIGN.



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 info@creativeconsortium.co.in
 creativeconsortium.india@gmail.com

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

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c. R.C.C WALLS: 40mm
d. BEAMS:25mm
e. SLABS:25mm
13. OVER LAP LENGTH : 52XDIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS =25 MM.
15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

SHEET-2
SECOND FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-28

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD.No. 1173



TECH PECIFIC

STRUCTURAL CONSULTANTS

North No:-RW/NH-34054/1/2014-S&R(B) Category=II(17)

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Mob. No.:- +91-8968012763

E-mail: techpecific@gmail.com

ARCHITECT'S SIGN.

OWNER'S SIGN.



PROJECT ARCHITECT

CREATIVE CONSORTIUM
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
SCO -56-57, SWASTIK VIHAR, M.D.C SECTOR - 5, PANCHKULA.

TEL: 2556694, Fax: 2556615

DELHI OFFICE-409,18/12 W.E.A.KAROL BAGH,

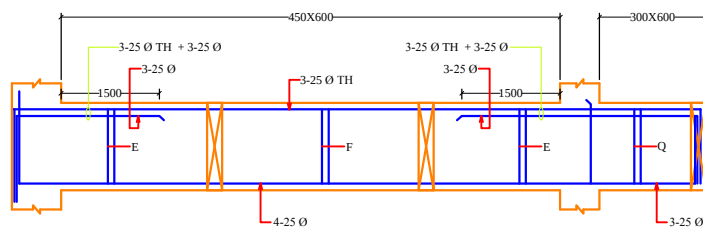
NEW DELHI; PH. 7838071488

Web site : www.creativeconsortium.co.in

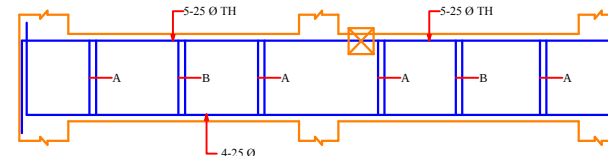
info@creativeconsortium.co.in

creativeconsortium.india@gmail.com

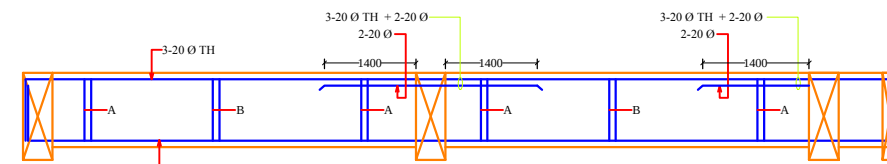
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



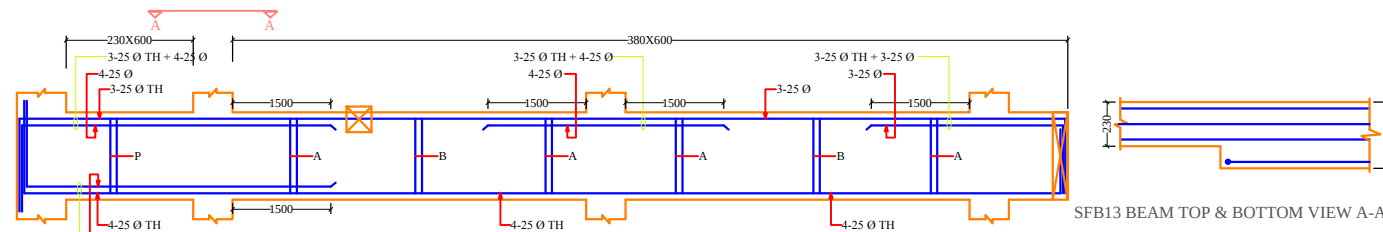
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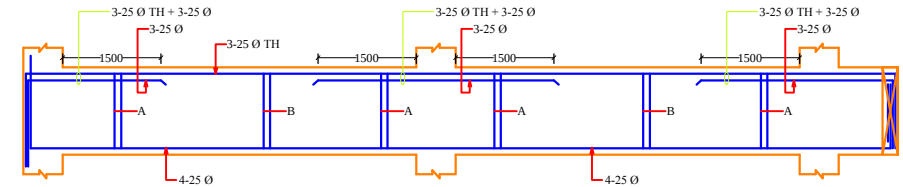
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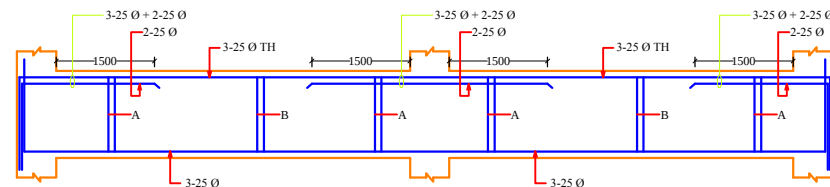
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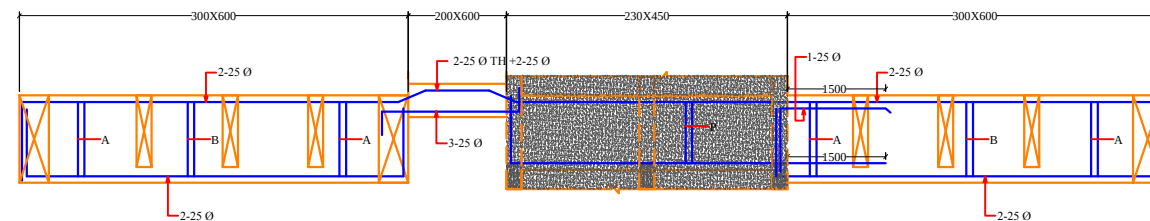
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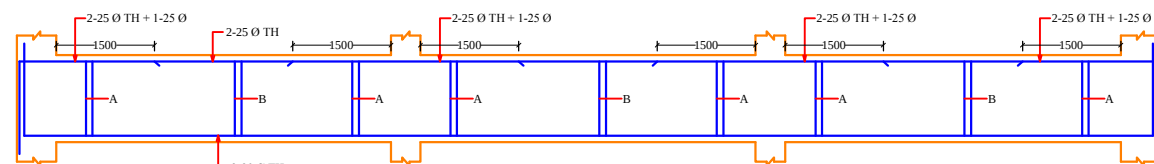
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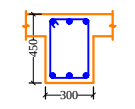
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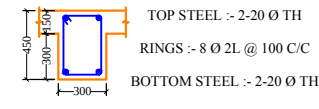
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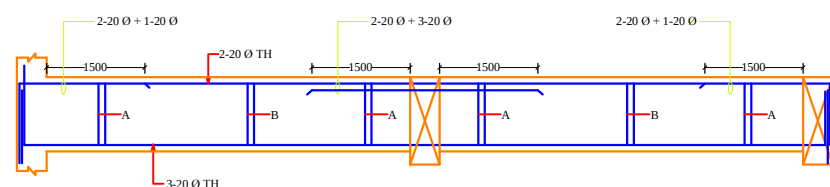
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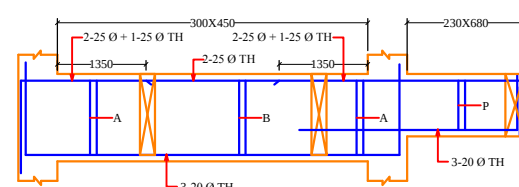
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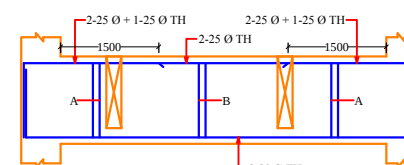
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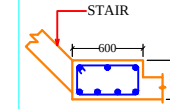
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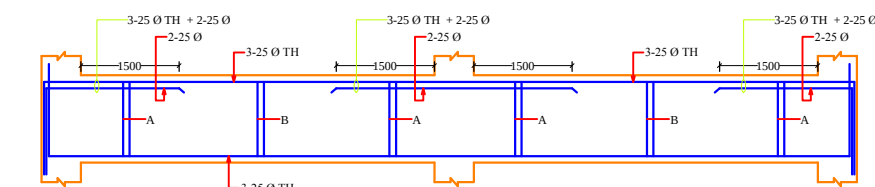
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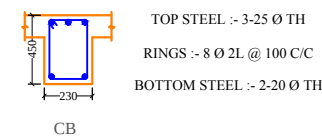
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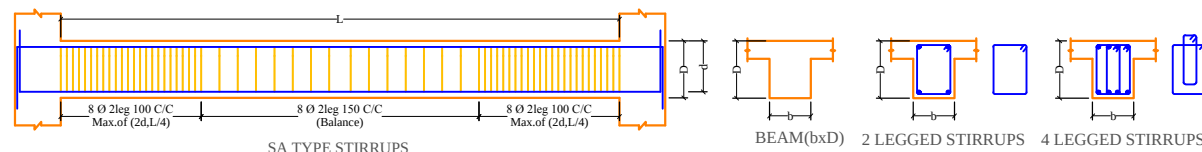


SFB24(300X600)



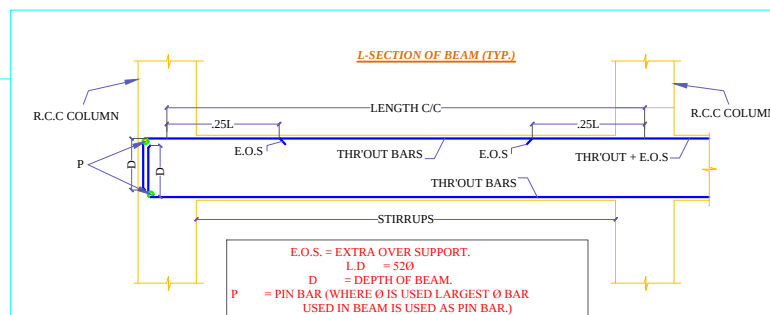
CB

A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



SA TYPE STIRRUPS

BEAM (bxD) 2 LEGGED STIRRUPS 4 LEGGED STIRRUPS



TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

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c. R.C.C WALLS: 40mm
d. BEAMS: 25mm
e. SLABS: 25mm
13. OVER LAP LENGTH : 52XDIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS = 25 MM.
15. HOOKS OF TIES/STIRRUPS = 6XDIA OF TIE/STIRRUP ≥ 6MM

DRAWING TITLE:-

THIRD FLOOR BEAM LAYOUT
AND SLAB R/F DETAIL

DWG. NO.

STC.-29

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD. NO. 1173



TECH PACIFIC

STRUCTURAL CONSULTANTS

Month No:- RW/NH-34054/1/2014-S&R(B) Category=III(17)

OFFICE: PLOT NO-40 SECTOR-82 JILPL MOHALI (PB.)

Mob. No. :- +91-8968012763

E-mail: techpacific@gmail.com

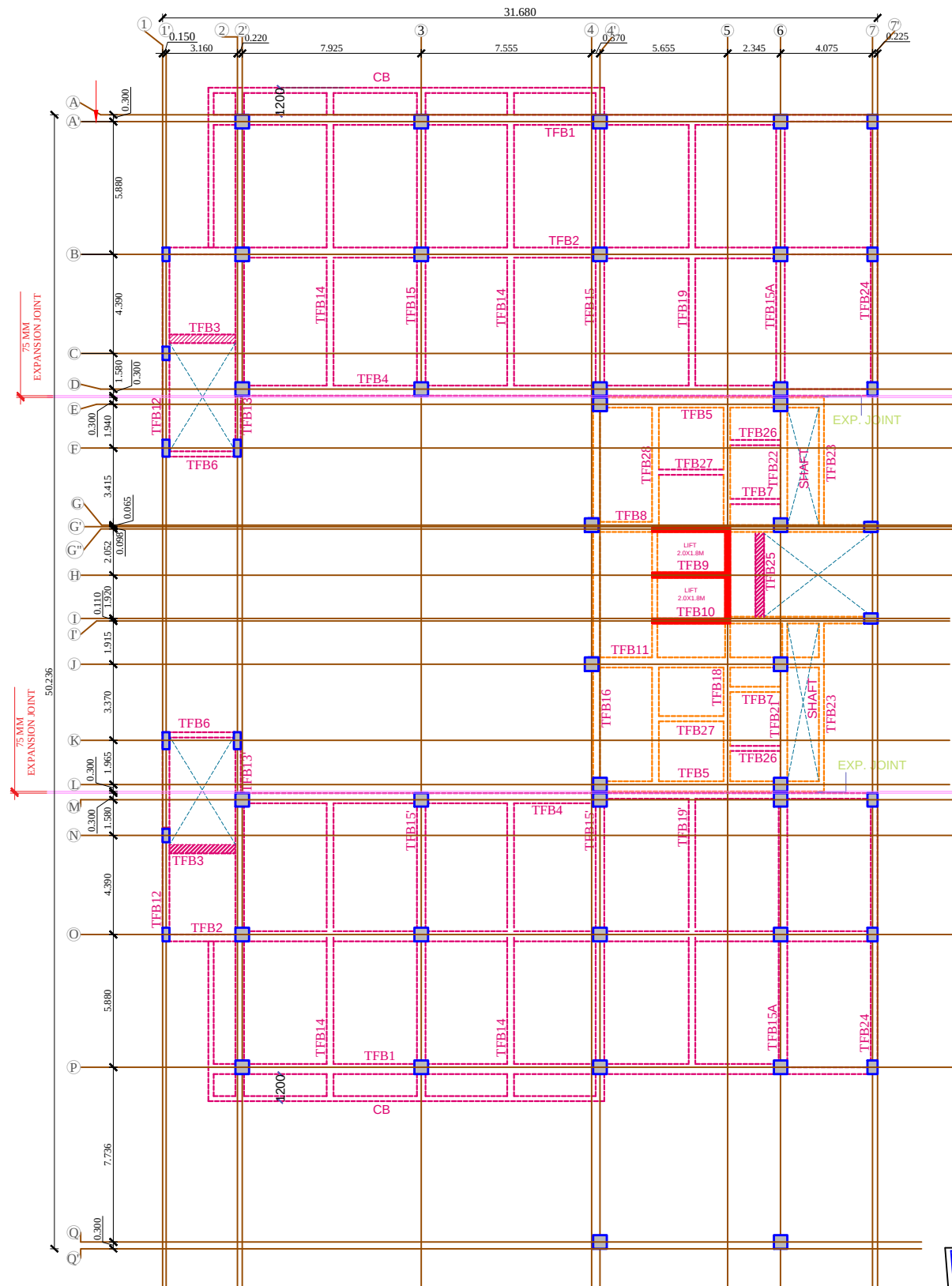
ARCHITECT'S SIGN. OWNER'S SIGN.



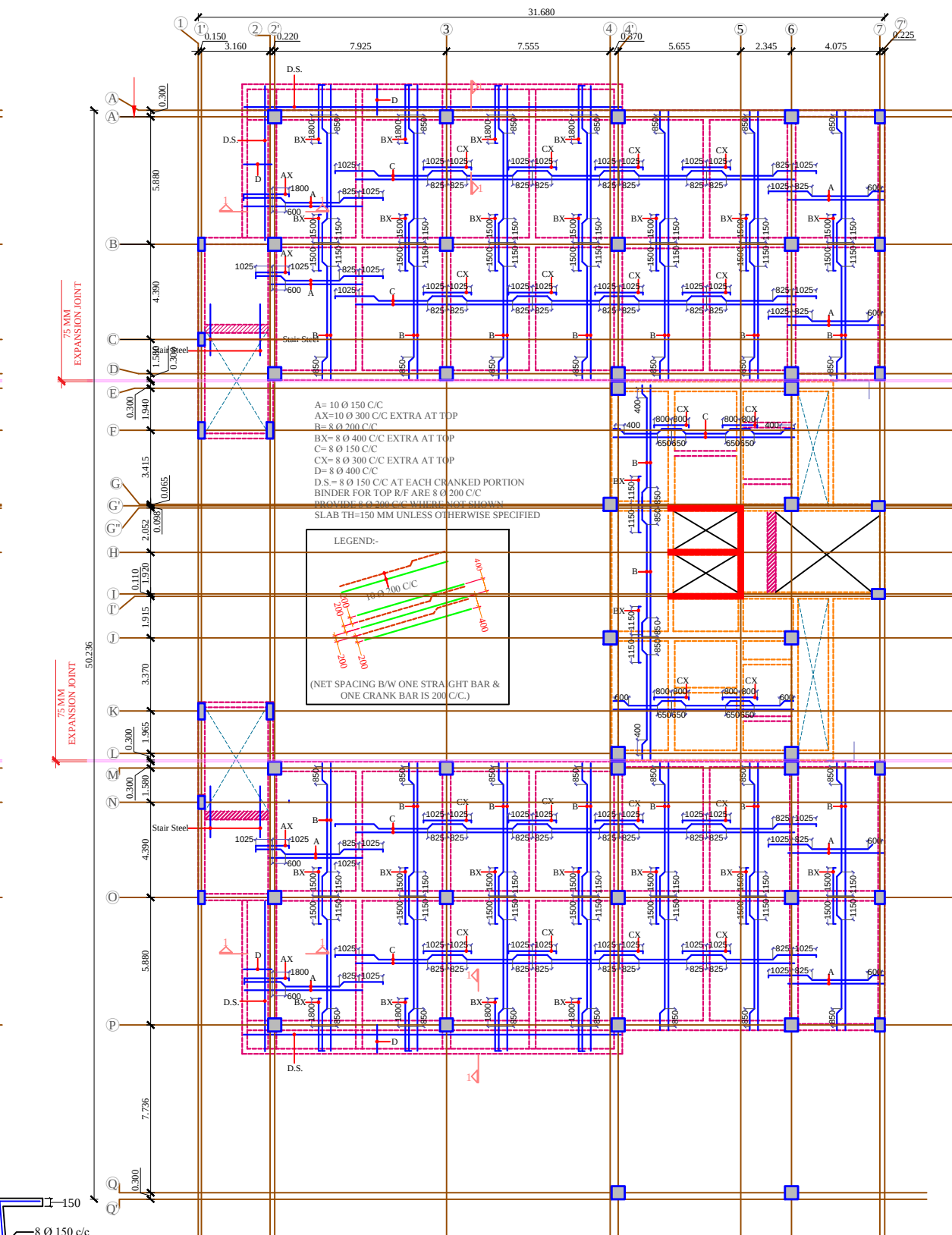
PROJECT ARCHITECT

CREATIVE CONSORTIUM
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
SCO-56/57, SWASTIK VIHAR, M.D.C. SECTOR - 5, PANCHKULA,
TEL: 2556694, Fax: 2556615
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NEW DELHI, PH: 783871488
Web site : www.creativeconsortium.co.in
info@creativeconsortium.co.in
creativeconsortium.india@gmail.com

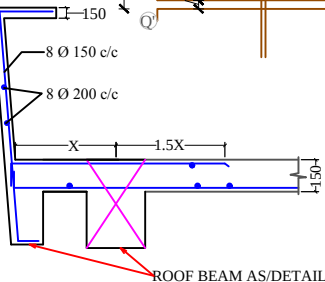
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



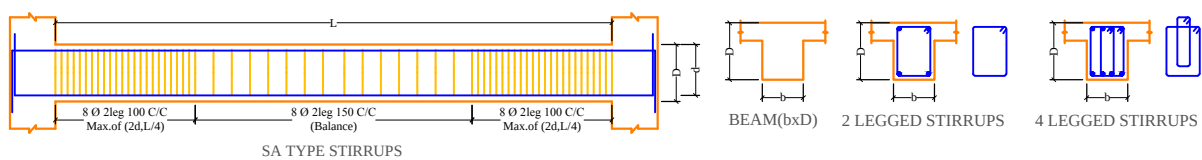
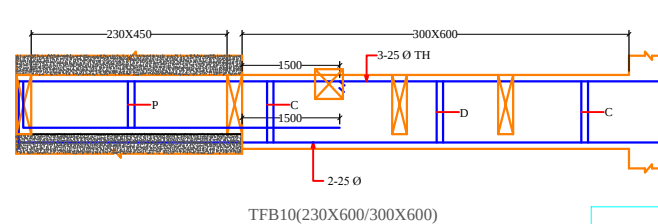
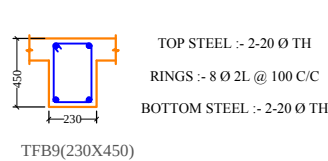
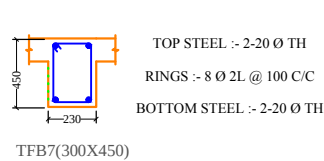
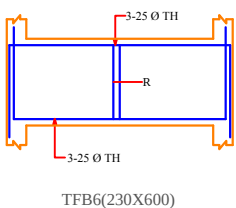
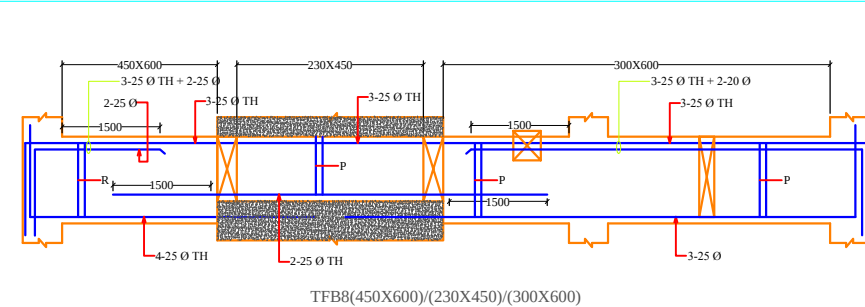
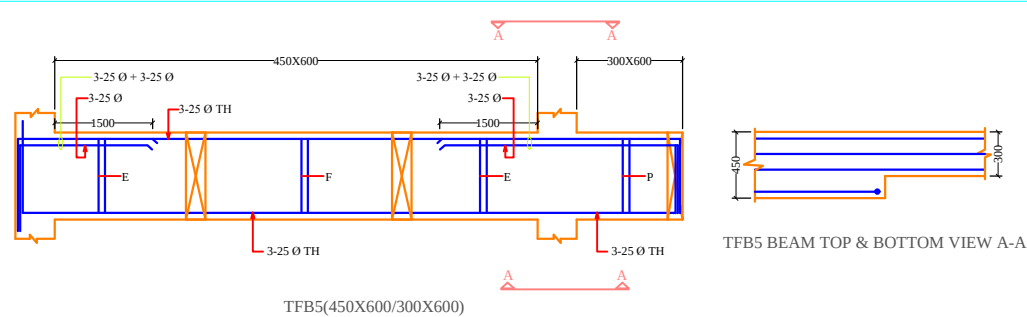
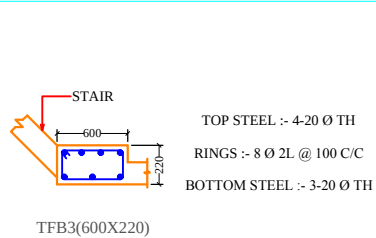
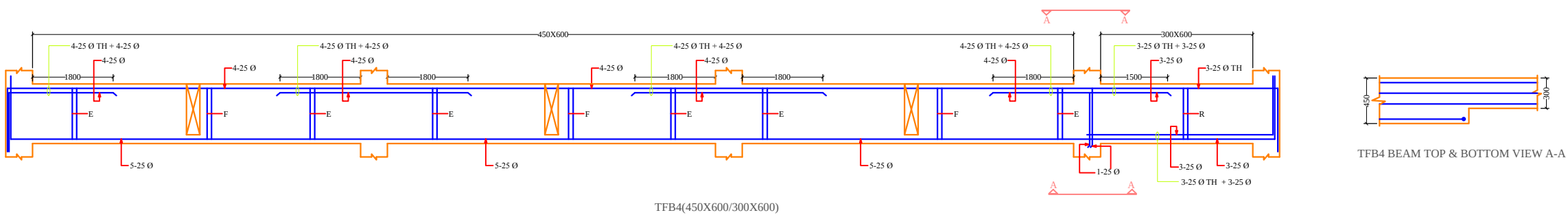
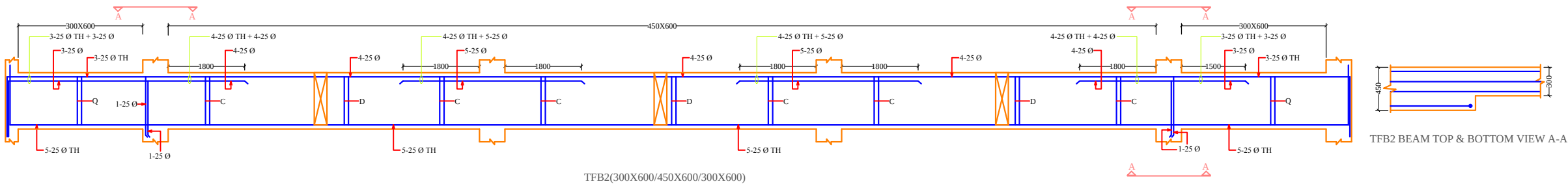
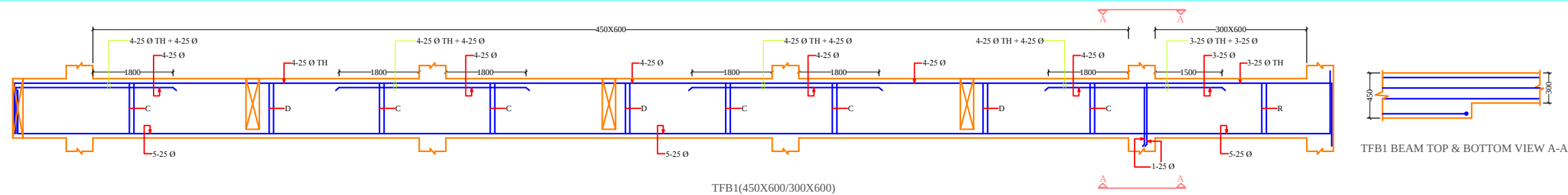
THIRD FLOOR ROOF BEAM LAYOUT



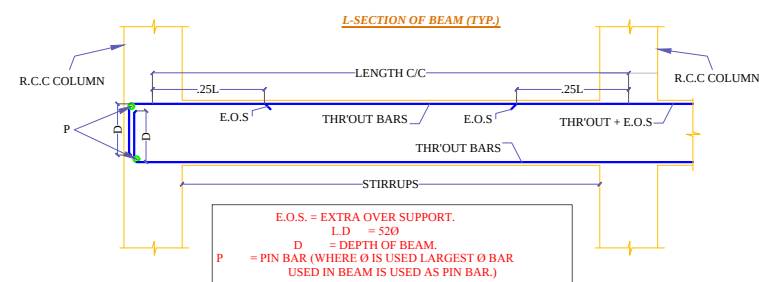
THIRD FLOOR ROOF SLAB R/F DETAIL



CANTILEVER SLAB SECTION 1-1



A = 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D = 10 Ø 2L 150 c/c IN BETWEEN
E = 12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F = 12 Ø 2L 150 c/c IN BETWEEN
P = 8 Ø 2L 100 c/c
Q = 10 Ø 2L 100 c/c
R = 12 Ø 2L 100 c/c



TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

GENERAL NOTES

- CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
- FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ALL DIMENSIONS ARE GIVEN IN MM UNLESS OTHER WISE SPECIFIED.
- THE FOUNDATION HAS BEEN DESIGNED FOR SBC AS PER SOIL REPORT.
- TOTAL NUMBER OF STOREY IS (STILT+6).
- MIX M-30 FOR FOUNDATION & COLUMNS. MIX M-25 FOR ALL OTHERS.
- THE REINFORCEMENT SHALL OF GRADE FE-500 HAVING ELONGATION MORE THAN 14.5% AND CONFIRMING OTHER REQUIREMENTS OF IS 1786 : 2008.
- ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING RMC.
- THE BRICK WORK SHALL COMMENCE ONLY AFTER THE COMPLETION OF RCC FRAME WORK
- STEEL SHUTTERING SHOULD BE USED FOR ALL THE RCC WORKS
- CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
a. FOUNDATIONS: 50mm
b. COLUMNS: 40mm
c. R.C.C. WALLS: 40mm
d. BEAMS: 25mm
e. SLABS: 25mm
- OVER LAP LENGTH : 52XDIA OF BAR.
- MIN. GAP BETWEEN TWO BARS = 25 MM.
- HOOKE FOR TIES/STIRRUPS = 6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

SHEET-1
THIRD FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-30

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD. NO. 1173

TP **TECH PECIFIC**
STRUCTURAL CONSULTANTS
Morth No:-RW/NH-34054/1/2014-S&R(B) Category-II(L7)
OFFICE: PLOT NO-40 SECTOR-82 JLPL, MOHALI (PB.)
Mob. No. - +91-8968012763
E-mail: techpecific@gmail.com

ARCHITECT'S SIGN. OWNER'S SIGN.

TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

GENERAL NOTES

1. CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
2. FIGURED DIMENSIONS SHALL BE FOLLOWED .
3. ALL DIMENSIONS ARE GIVEN IN MM UNLESS OTHER WISE SPECIFIED.
4. THE FOUNDATION HAS BEEN DESIGNED FOR SBC AS PER SOIL REPORT.
5. TOTAL NUMBER OF STOREY IS (STILT+6).
6. MIX M-30 FOR FOUNDATION & COLUMNS.
MIX M-25 FOR ALL OTHERS.
7. THE REINFORCEMENT SHALL OF GRADE FE-500 HAVING ELONGATINON MORE THAN 14.5% AND CONFIRMING OTHER REQUIREMENTS OF IS 1786 : 2008.
9. ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING RMC.
10. THE BRICK WORK SHALL COMMENCE ONLY AFTER THE COMPLETION OF RCC FRAME WORK
11. STEEL SHUTTERING SHOULD BE USED FOR ALL THE RCC WORKS
12. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
a. FOUNDATIONS: 50mm
b. COLUMNS: 40mm
c. R.C.C WALLS: 40mm
d. BEAMS:25mm
e. SLABS:25mm
13. OVER LAP LENGTH : 52XDIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS =25 MM.
15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

SHEET-2
THIRD FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-31

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD.No. 1173



TECH PECIFIC

STRUCTURAL CONSULTANTS

Morth No:-RW/NH-34054/1/2014-S&R(B) Category=II(17)

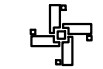
OFFICE: PLOT NO-40 SECTOR-82 JLPL,MOHALI(PB.)

Mob. No.- +91-8968012763

E-mail: techpecific@gmail.com

ARCHITECT'S SIGN.

OWNER'S SIGN.



PROJECT ARCHITECT

CREATIVE CONSORTIUM
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
SCO -56-57, SWASTIK VIHAR, M.D.C SECTOR - 5, PANCHKULA.

TEL: 2556694, Fax: 2556615

DELHI OFFICE-409/18/12 W.E.A.KAROL BAGH,

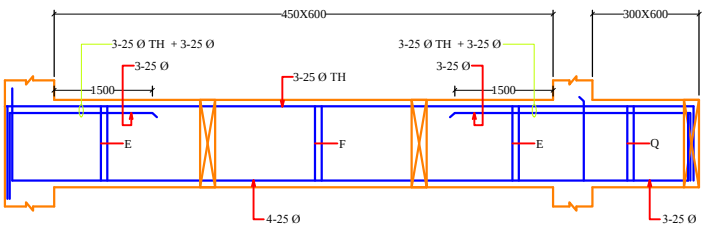
NEW DELHI; PH. 7838071488

Web site : www.creativeconsortium.co.in

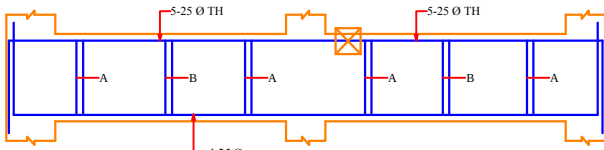
info@creativeconsortium.co.in

creativeconsortium.india@gmail.com

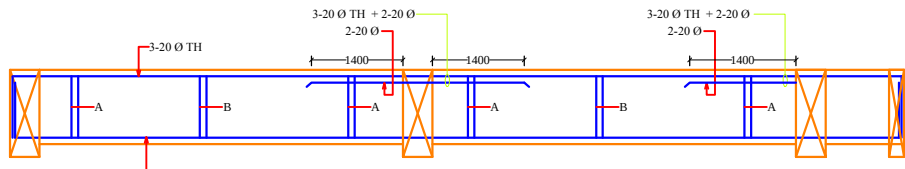
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



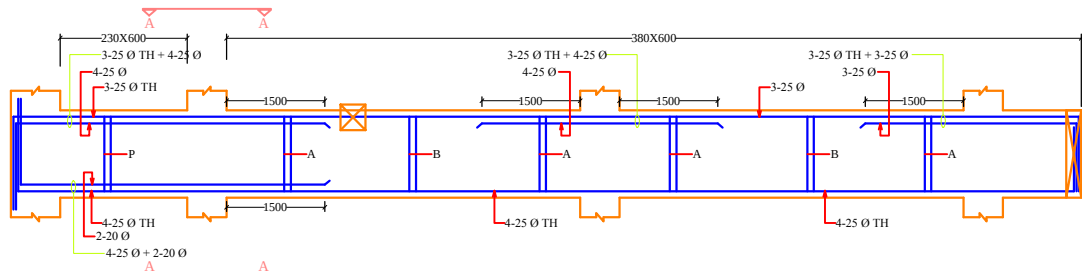
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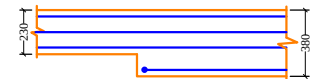
TFB12/TFB12'(300X600)



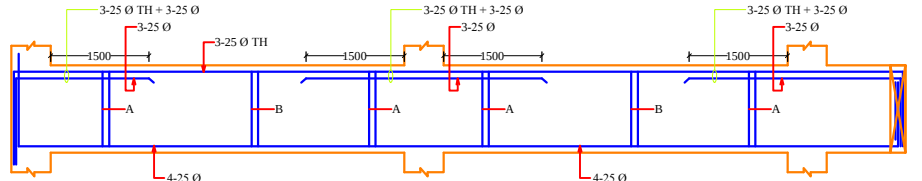
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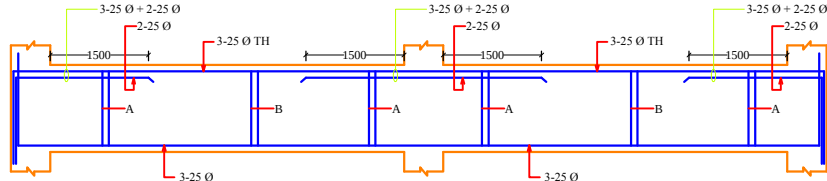
TFB13/TFB13'(230X600/380X600)



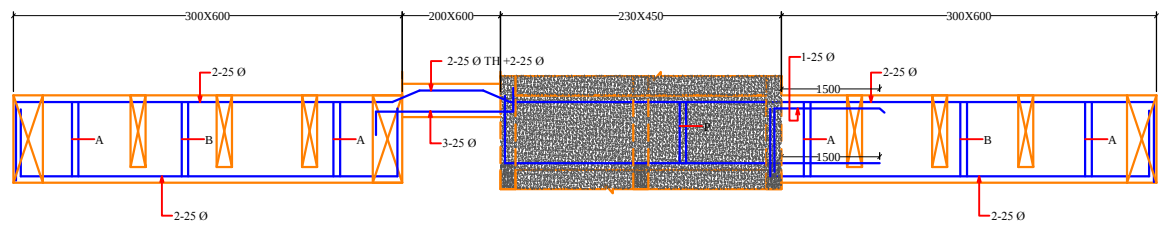
TFB13 BEAM TOP & BOTTOM VIEW A-A



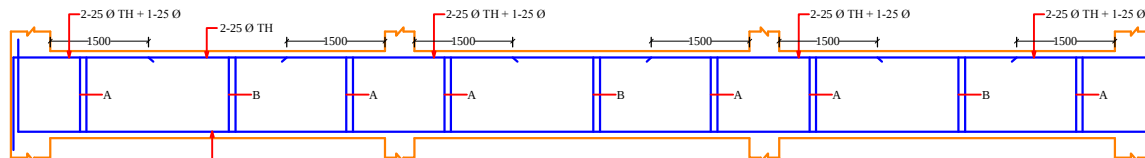
TFB15/TFB15'(380X600)



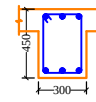
TFB15A/TFB15A'(380X600)



TFB18

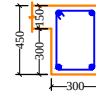


TFB16(300X450)



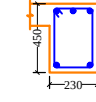
TFB26(300X450)

TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 3-16 Ø TH



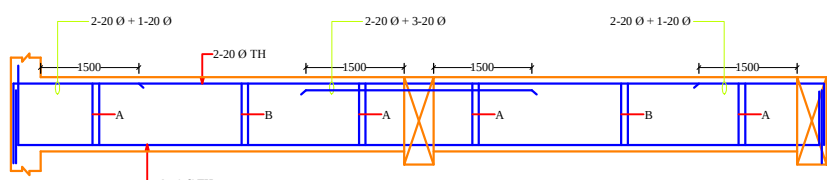
TFB27(300X450)

TOP STEEL :- 2-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH

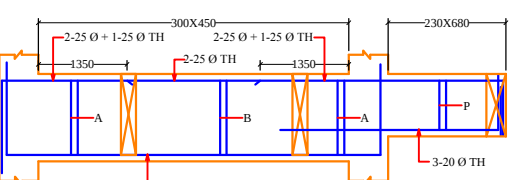


TFB23(230X450)

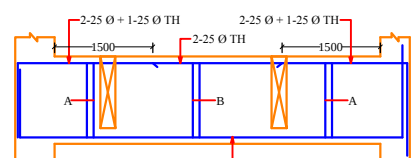
TOP STEEL :- 3-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH



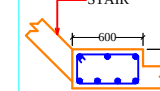
TFB19/TFB19'(300X450)



TFB21(300X450/230X680)

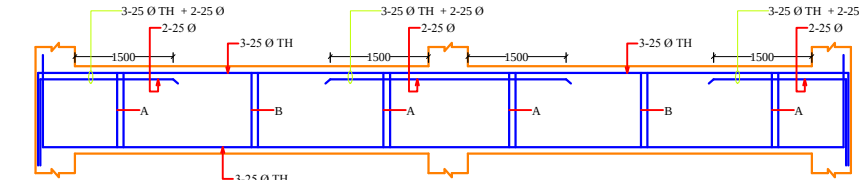


TFB22(300X450)

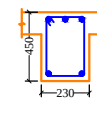


TFB25(600X200)

TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 4-20 Ø TH



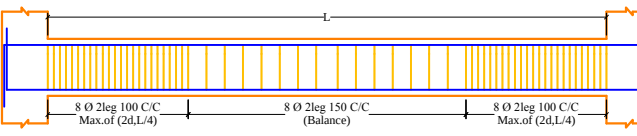
TFB24(300X600)



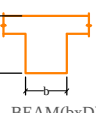
CB

TOP STEEL :- 3-25 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH

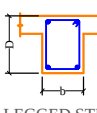
A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



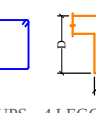
SA TYPE STIRRUPS



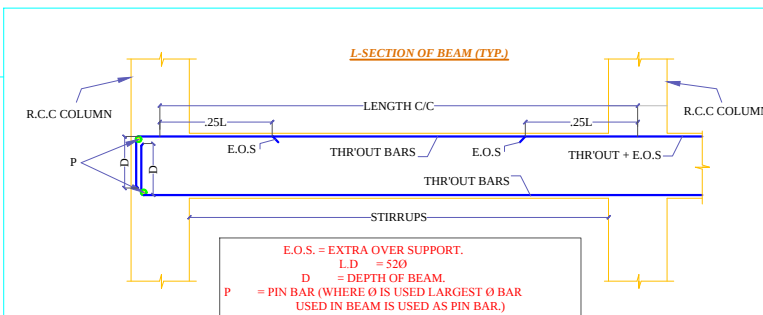
BEAM (bxD)



2 LEGGED STIRRUPS



4 LEGGED STIRRUPS



E.O.S. = EXTRA OVER SUPPORT.
L.D = 52Ø
D = DEPTH OF BEAM.
P = PIN BAR (WHERE Ø IS USED LARGEST Ø BAR USED IN BEAM IS USED AS PIN BAR.)

TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

GENERAL NOTES

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c. R.C.C WALLS: 40mm
d. BEAMS: 25mm
e. SLABS: 25mm
- OVER LAP LENGTH : 52XDIA OF BAR.
- MIN. GAP BETWEEN TWO BARS = 25 MM.
- HOOKS FOR TIES/STIRRUPS = 6XDIA OF TIE/STIRRUP ≥ 6MM

DRAWING TITLE:-

FOURTH FLOOR BEAM LAYOUT
AND SLAB R/F DETAIL

DWG.NO.

STC.-32

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD. NO. 1173



TECH PACIFIC

STRUCTURAL CONSULTANTS

MORTH NO:- RW/NH-34054/1/2014-S&R(B) Category=III(17)

OFFICE: PLOT NO-40 SECTOR-82 JILPA MOHALI (PB.)

Mob. No. - +91-8968012763

E-mail: techpacific@gmail.com

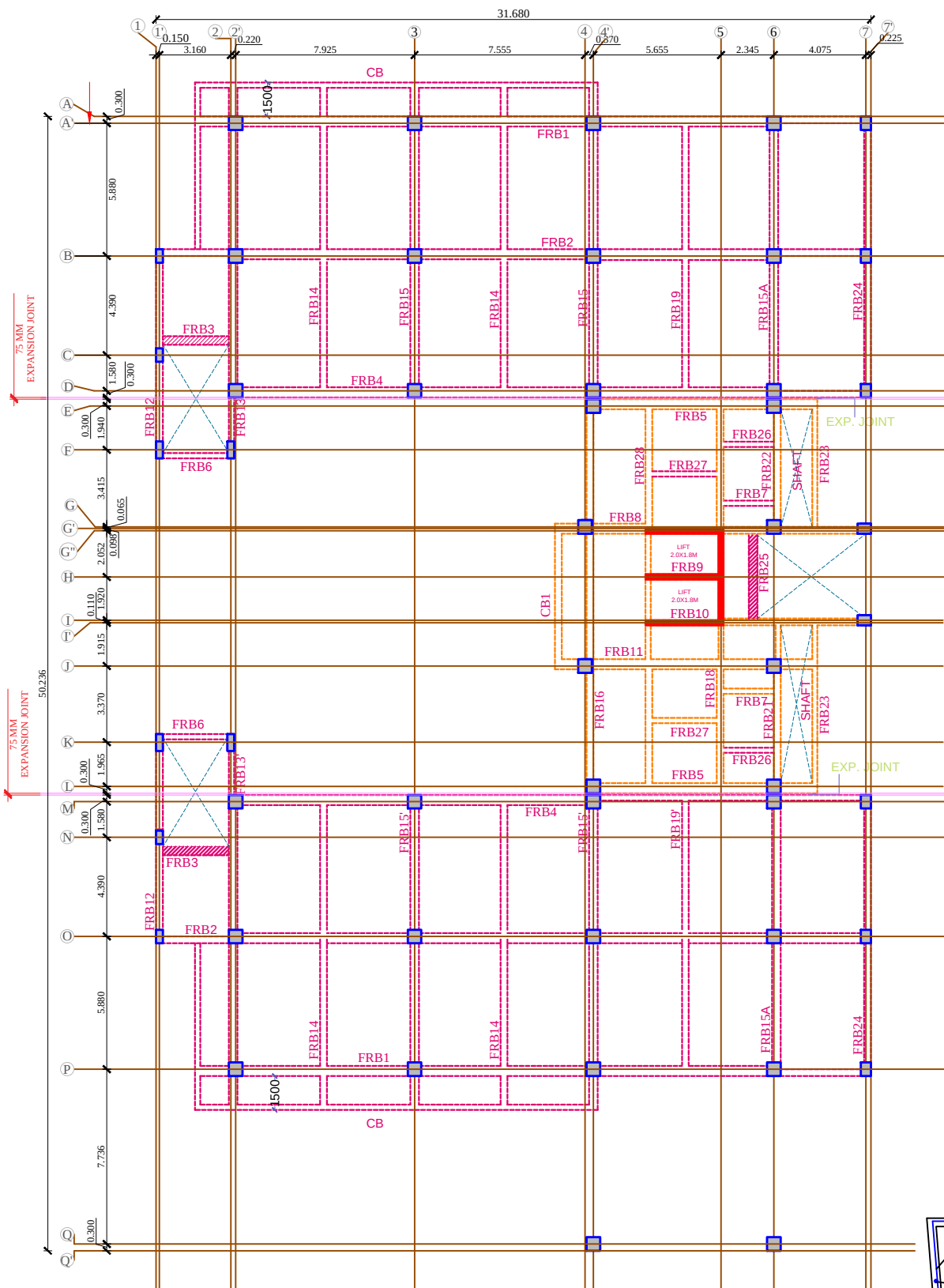
ARCHITECT'S SIGN. OWNER'S SIGN.



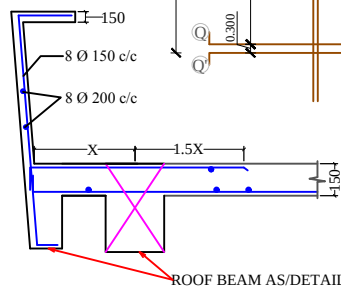
PROJECT ARCHITECT

CREATIVE CONSORTIUM
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS, VALUERS
SCO -56-57, SWASTIK VIHAR, M.D.C SECTOR - 5, PANCHKULA.
TEL: 2556694, Fax: 2556615
DELHI OFFICE-409/18/12 W.E.A.KAROL BAGH,
NEW DELHI, PH: 7838971488
Web site : www.creativeconsortium.co.in
info@creativeconsortium.co.in
creativeconsortium.india@gmail.com

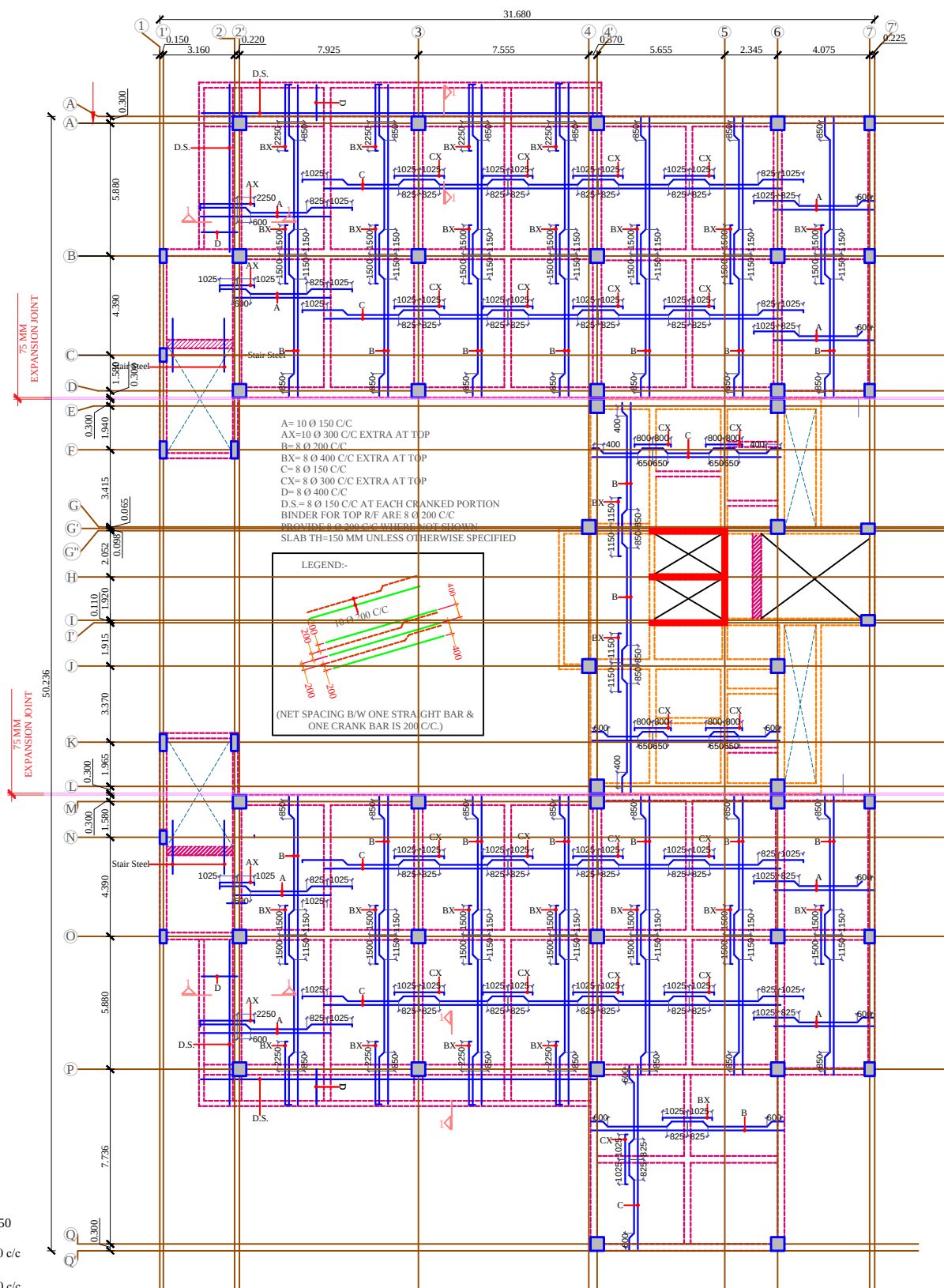
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



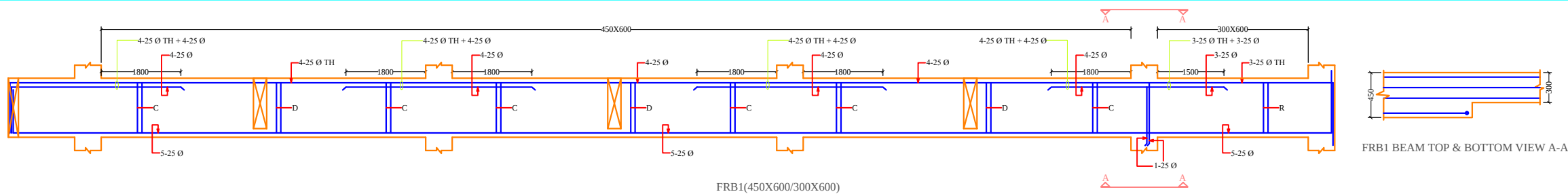
FOURTH FLOOR ROOF BEAM LAYOUT



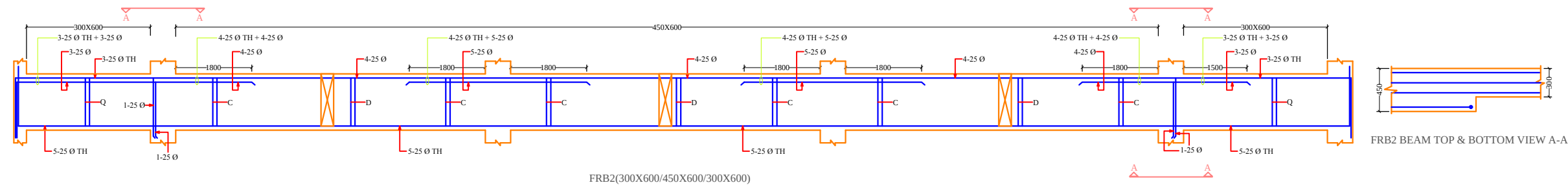
CANTILEVER SLAB SECTION 1-1



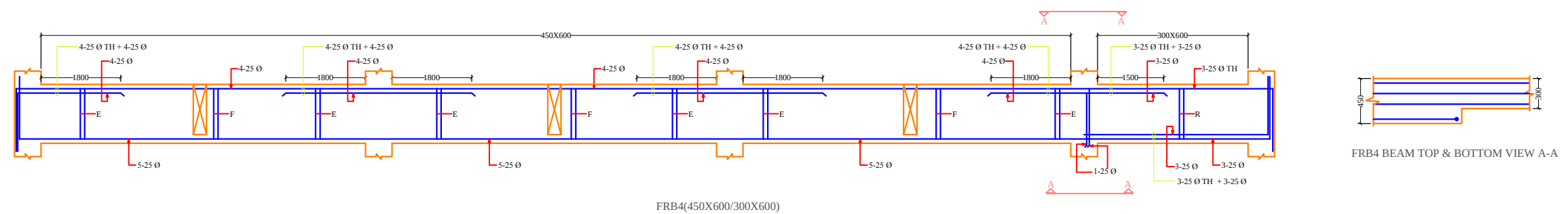
FOURTH FLOOR ROOF SLAB R/F DETAIL



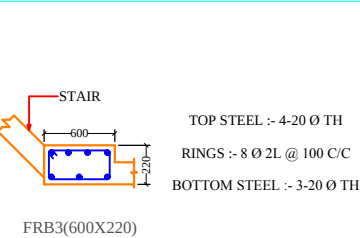
FRB1 BEAM TOP & BOTTOM VIEW A-A



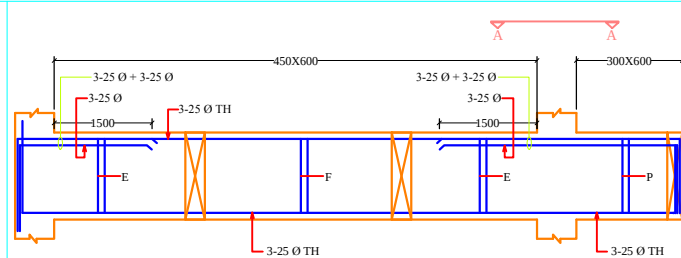
FRB2 BEAM TOP & BOTTOM VIEW A-A



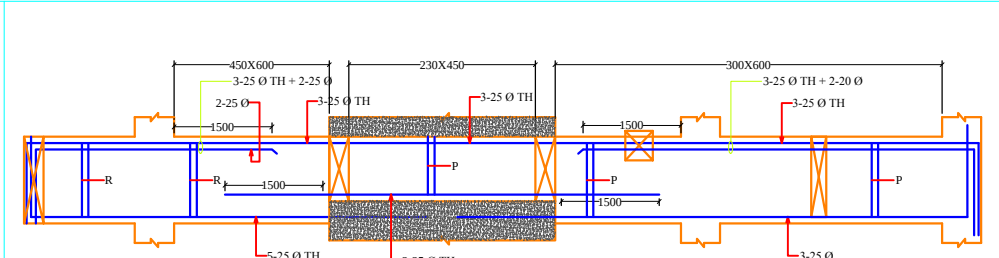
FRB4 BEAM TOP & BOTTOM VIEW A-A



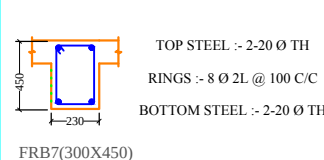
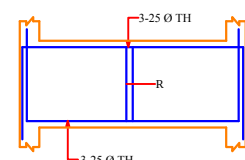
TOP STEEL :- 4-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 3-20 Ø TH



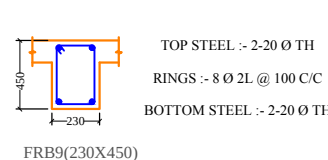
FRB5 BEAM TOP & BOTTOM VIEW A-A



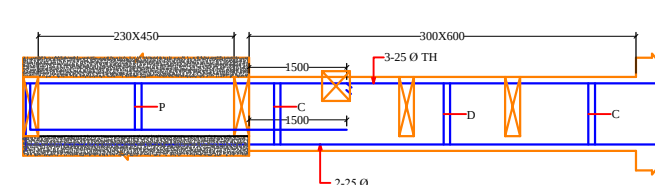
FRB8(450X600)/(230X450)/(300X600)



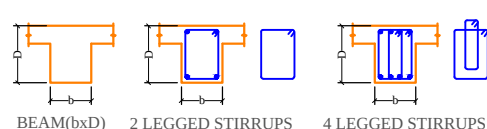
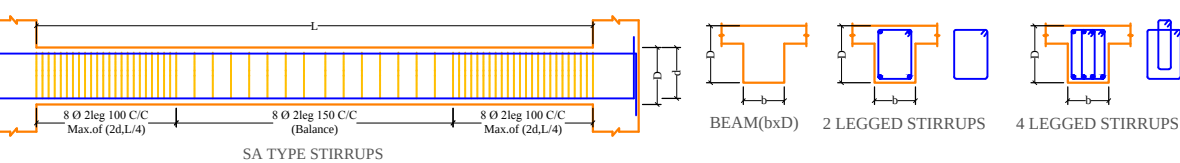
TOP STEEL :- 2-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH



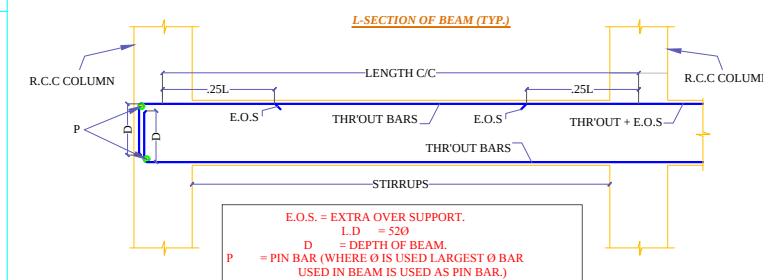
TOP STEEL :- 2-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH



FRB10(230X600/300X600)



A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



E.O.S. = EXTRA OVER SUPPORT.
L.D = 520
D = DEPTH OF BEAM.
P = PIN BAR (WHERE Ø IS USED LARGEST Ø BAR USED IN BEAM IS USED AS PIN BAR.)

TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

- GENERAL NOTES**
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b. COLUMNS: 40mm
c. R.C.C WALLS: 40mm
d. BEAMS:25mm
e. SLABS:25mm
 - OVER LAP LENGTH : 52XDIA OF BAR.
 - MIN. GAP BETWEEN TWO BARS =25 MM.
 - HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-
SHEET-1
FOUTH FLOOR ROOF BEAM DETAIL

DWG.NO.
STC.-33

SCALE :-
DATE:-
DRAWN BY:-
CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

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PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

**TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI**

GENERAL NOTES

1. CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
2. FIGURED DIMENSIONS SHALL BE FOLLOWED .
3. ALL DIMENSIONS ARE GIVEN IN MM UNLESS OTHER WISE SPECIFIED.
4. THE FOUNDATION HAS BEEN DESIGNED FOR SBC AS PER SOIL REPORT.
5. TOTAL NUMBER OF STOREY IS (STILT+6).
6. MIX M-30 FOR FOUNDATION & COLUMNS.
MIX M-25 FOR ALL OTHERS.
7. THE REINFORCEMENT SHALL OF GRADE FE-500 HAVING ELONGATINON MORE THAN 14.5% AND CONFIRMING OTHER REQUIREMENTS OF IS 1786 : 2008.
9. ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING RMC.
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12. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
a. FOUNDATIONS: 50mm
b. COLUMNS: 40mm
c. R.C.C WALLS: 40mm
d. BEAMS:25mm
e. SLABS:25mm
13. OVER LAP LENGTH : 52XDIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS =25 MM.
15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

**SHEET-2
FOURTH FLOOR ROOF BEAM DETAIL**

DWG.NO.

STC.-34

SCALE :-

DATE:-

DRAWN BY:-

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STRUCTURE CONSULTANT.

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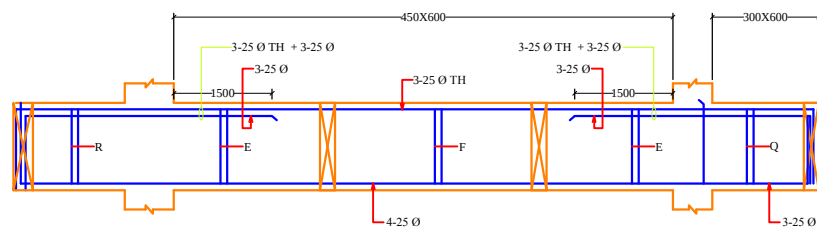
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Web site : www.creativeconsortium.co.in

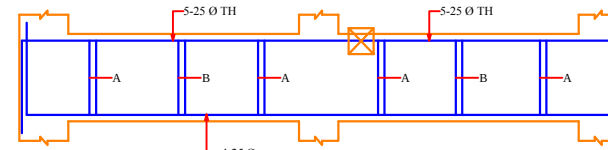
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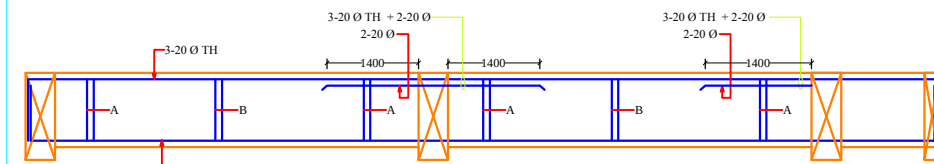
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



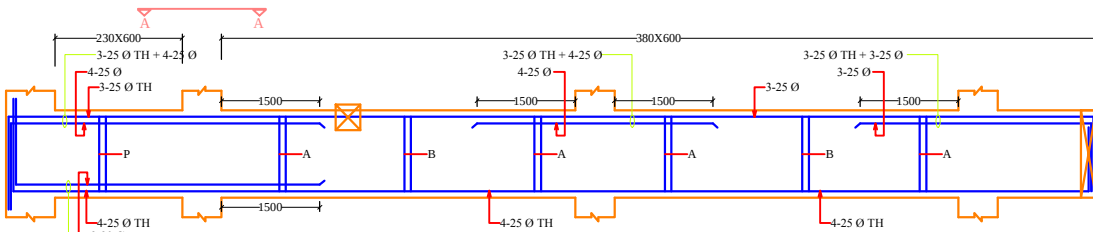
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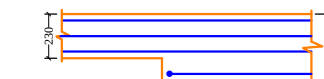
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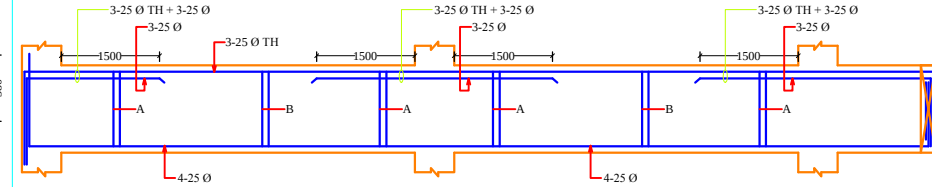
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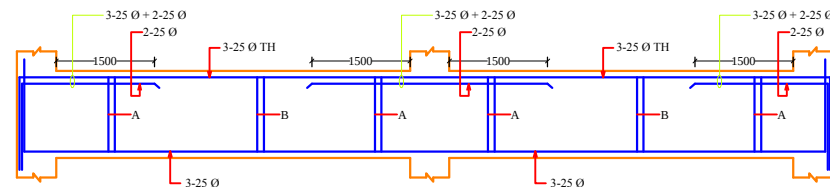
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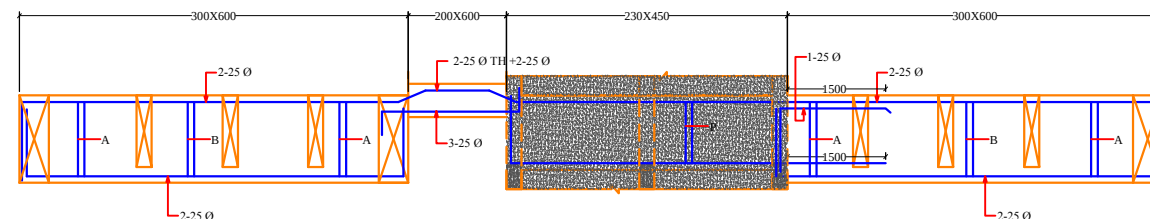
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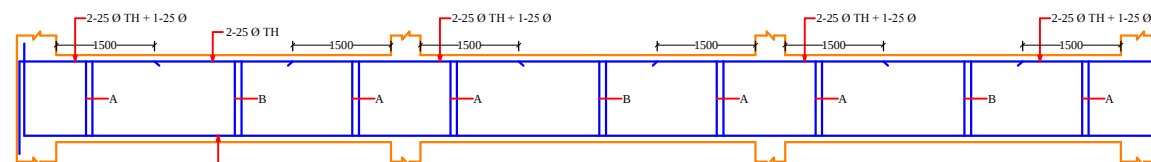
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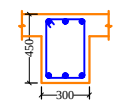
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FRB18

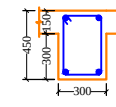


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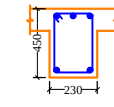
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TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 3-16 Ø TH



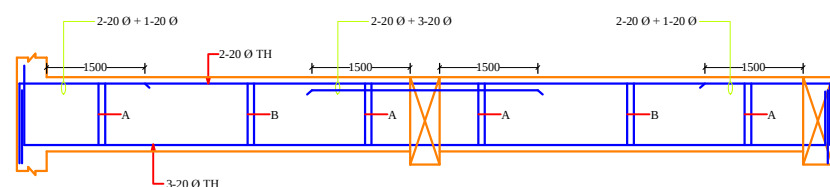
FRB27(300X450)

TOP STEEL :- 2-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH

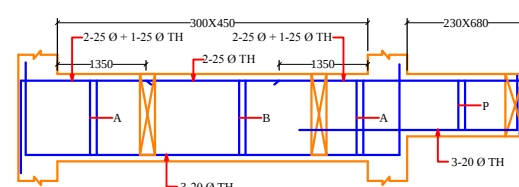


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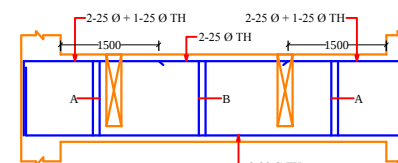
TOP STEEL :- 3-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH



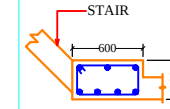
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FRB21(300X450/230X680)

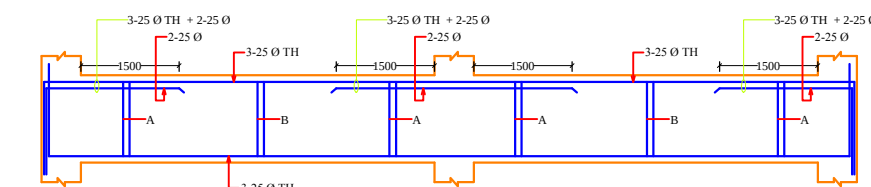


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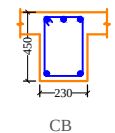


FRB25(600X200)

TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 4-20 Ø TH

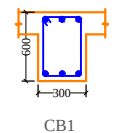


FRB24(300X600)



CB

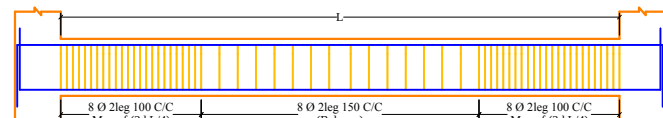
TOP STEEL :- 3-25 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH



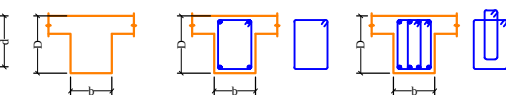
CB1

TOP STEEL :- 3-20 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 3-20 Ø TH

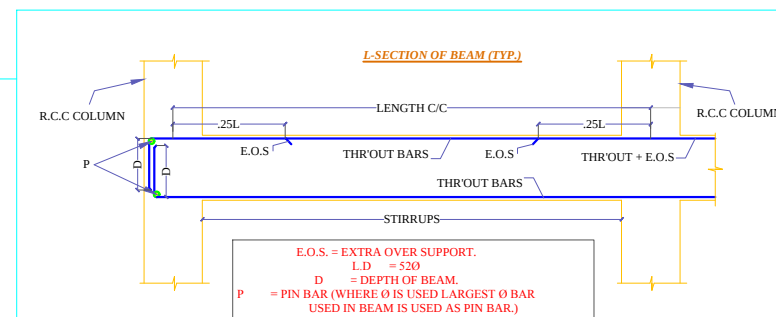
A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



SA TYPE STIRRUPS



BEAM (bxD) 2 LEGGED STIRRUPS 4 LEGGED STIRRUPS



E.O.S. = EXTRA OVER SUPPORT.
L.D = 52Ø
D = DEPTH OF BEAM.
P = PIN BAR (WHERE Ø IS USED LARGEST Ø BAR USED IN BEAM IS USED AS PIN BAR.)

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 - BEAMS: 25mm
 - SLABS: 25mm
- OVER LAP LENGTH : $52X\phi$ OF BAR.
- MIN. GAP BETWEEN TWO BARS = 25 MM.
- HOOKE FOR TIES/STIRRUPS = $6X\phi$ OF TIE/STIRRUP $\geq 6\text{MM}$

DRAWING TITLE:-

FIFTH FLOOR BEAM LAYOUT
AND SLAB R/F DETAIL

DWG.NO.

STC-35

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

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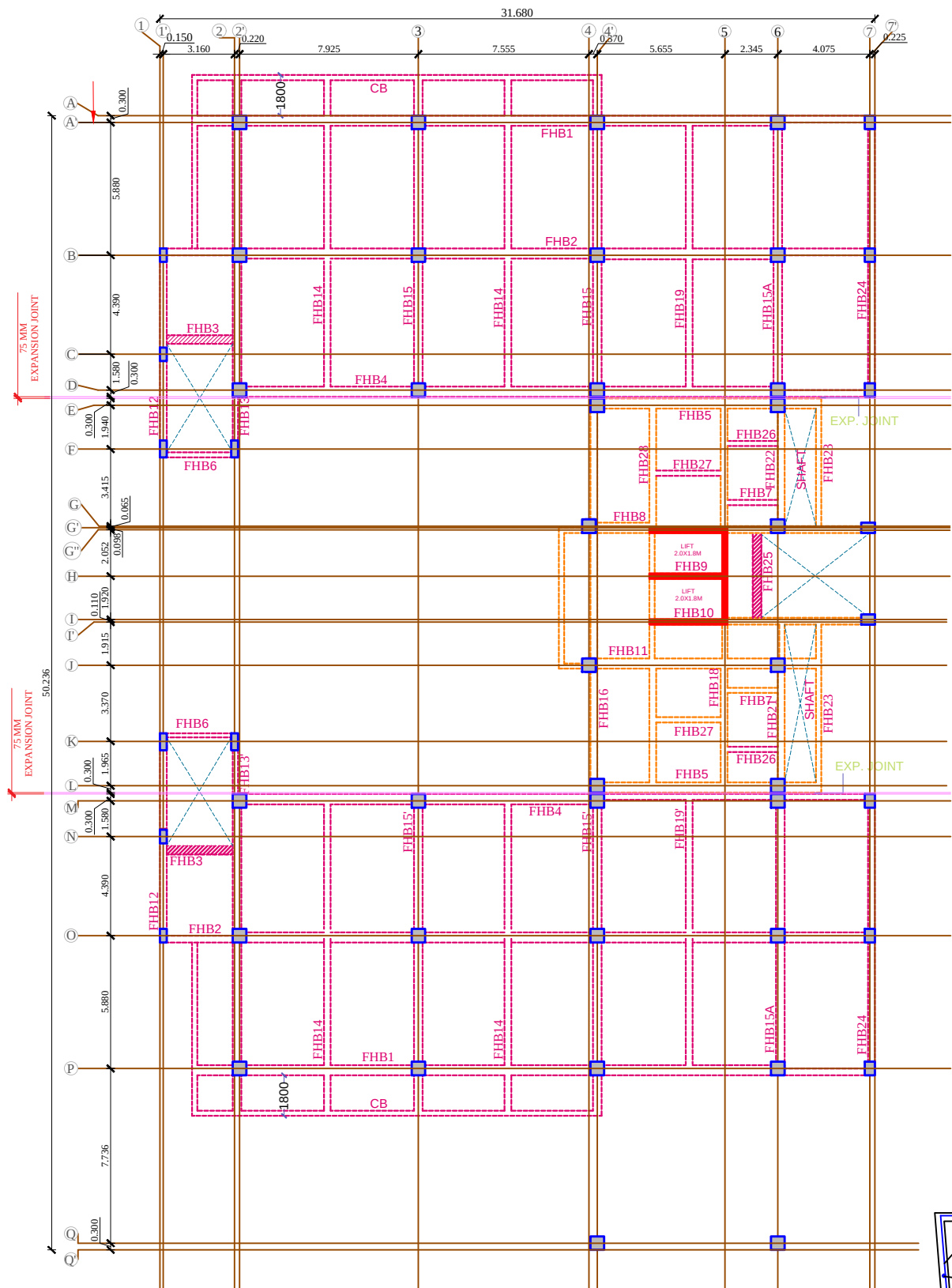
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Web site : www.creativeconsortium.co.in

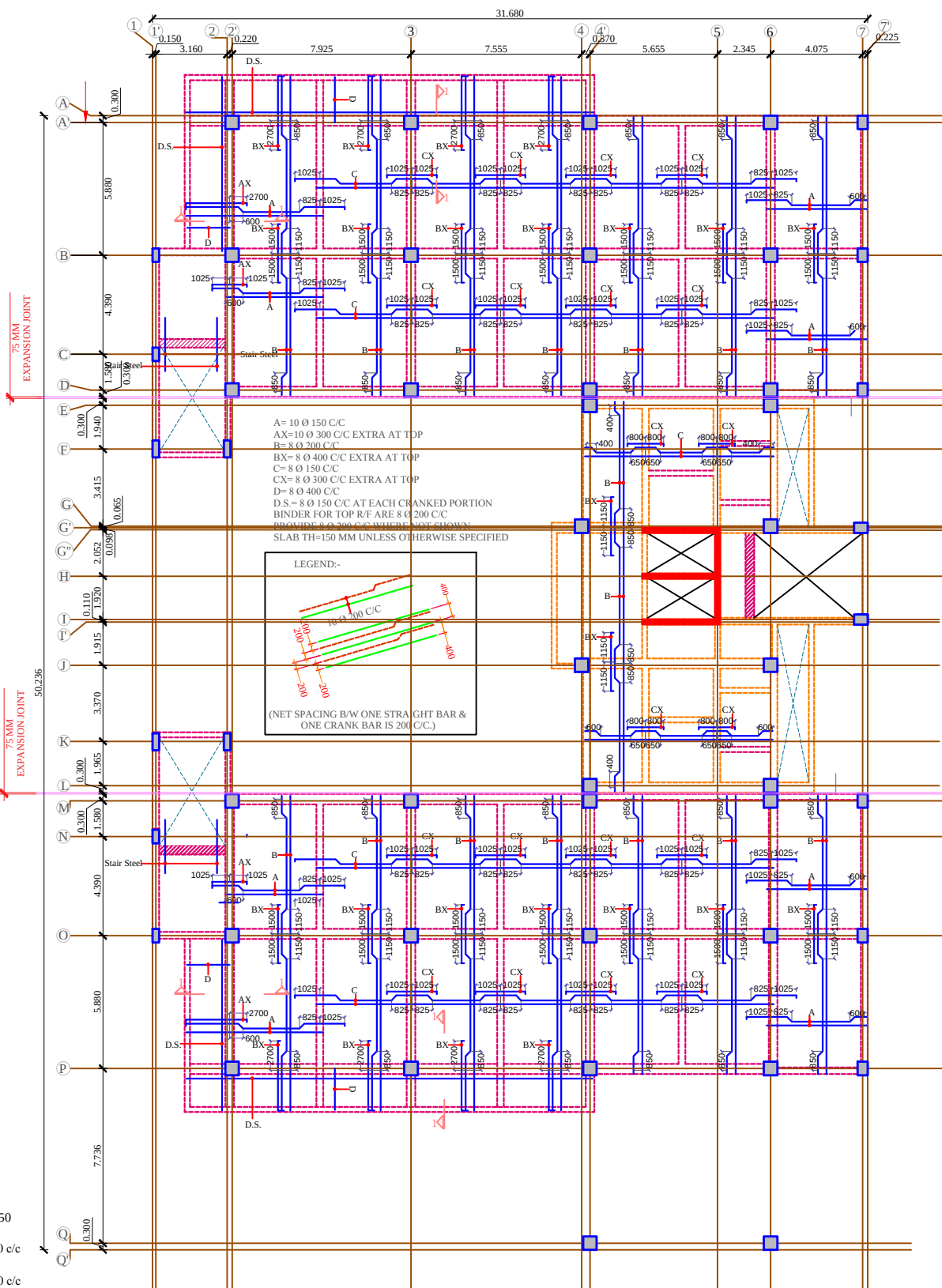
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creativeconsortium.india@gmail.com

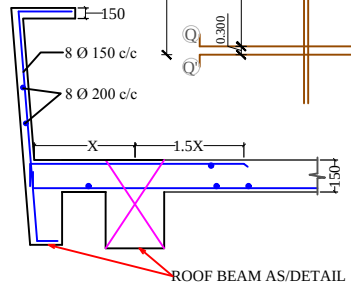
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



FIFTH FLOOR ROOF BEAM LAYOUT

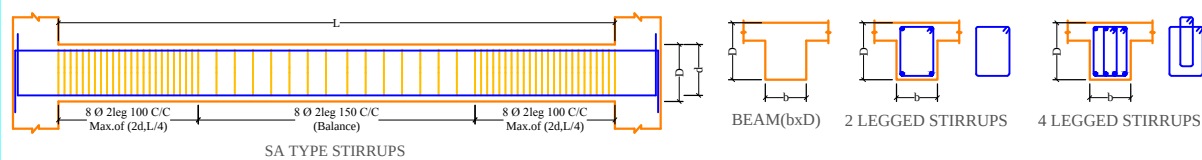
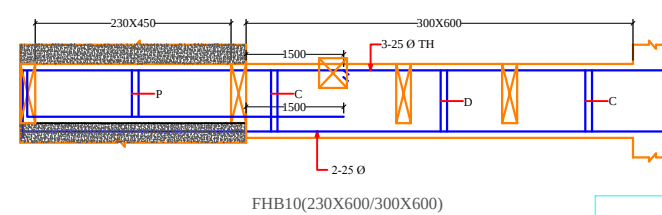
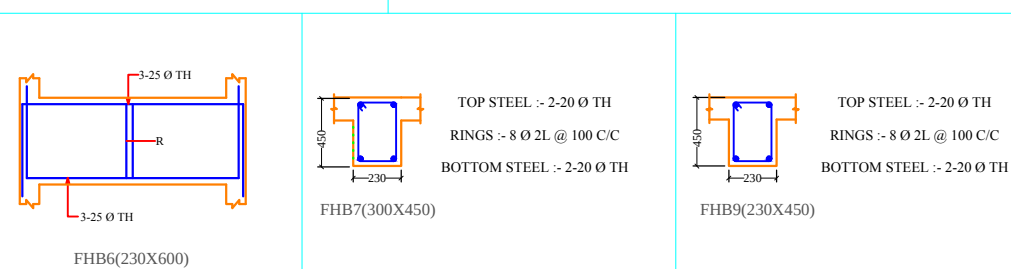
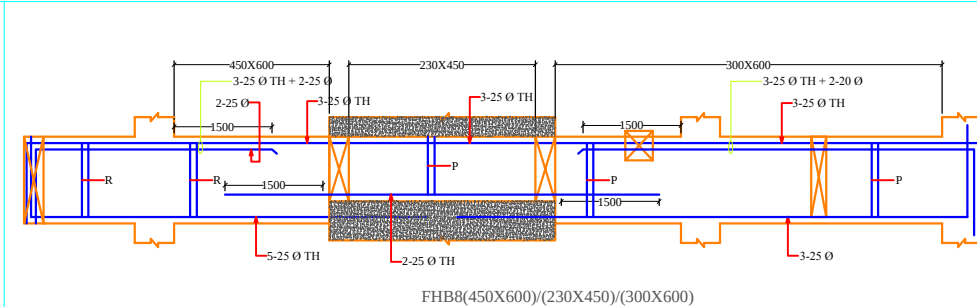
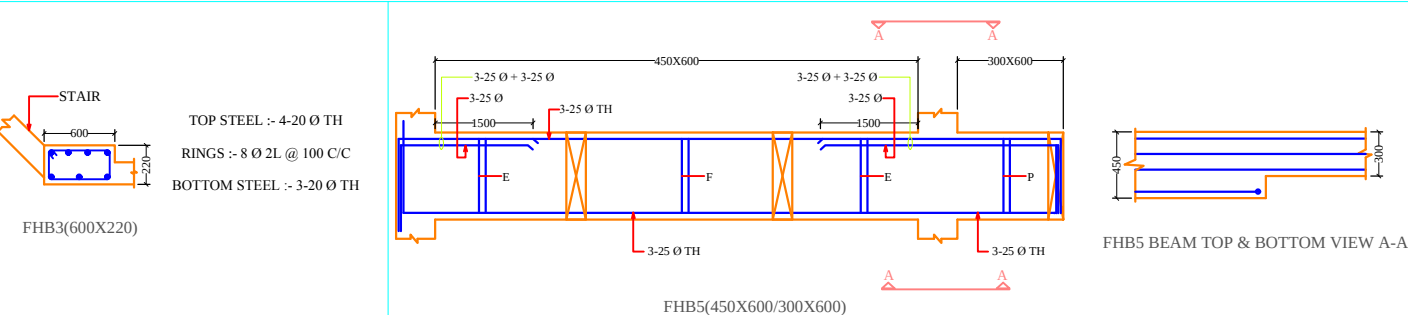
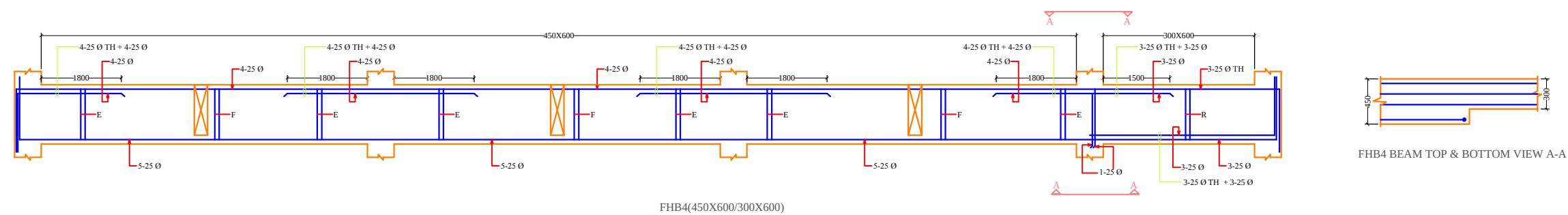
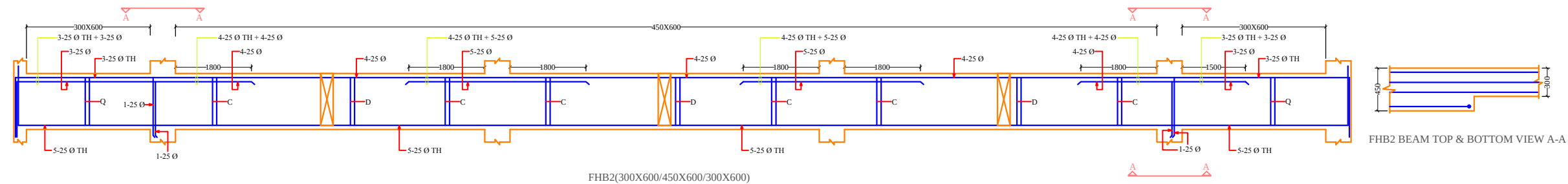
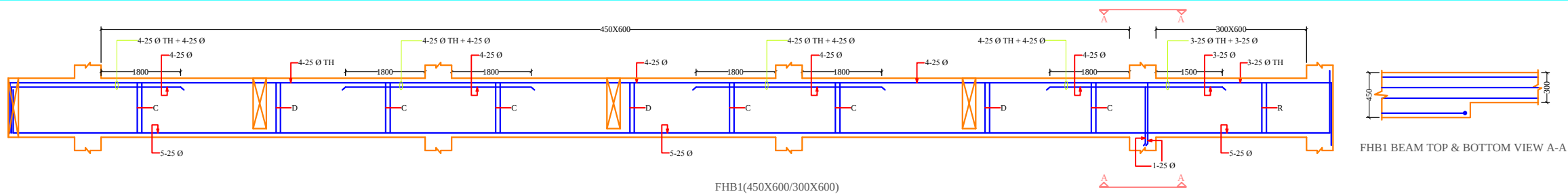


FIFTH FLOOR ROOF SLAB R/F DETAIL

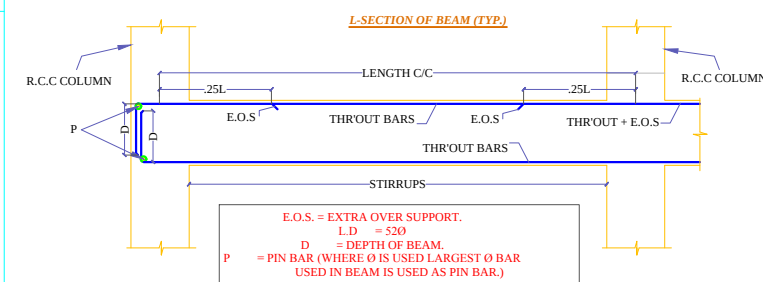


CANTILEVER SLAB SECTION 1-1

ROOF BEAM AS/DETAIL



A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



TENDER DRAWING FOR PROPOSED
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DRAWING TITLE:-
SHEET-1
FIFTH FLOOR ROOF BEAM DETAIL

DWG.NO.
STC.-36

SCALE :-
DATE:-
DRAWN BY:-
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DRAWING TITLE:-

SHEET-2
FIRST FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-37

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD.No. 1173



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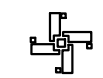
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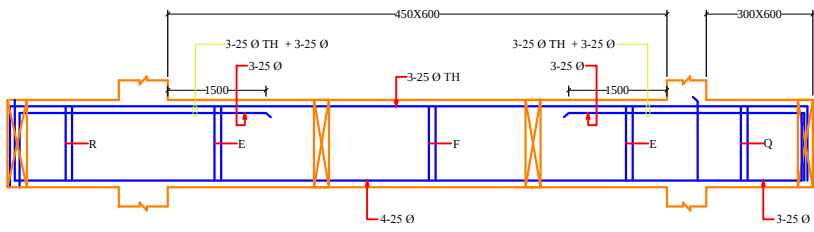
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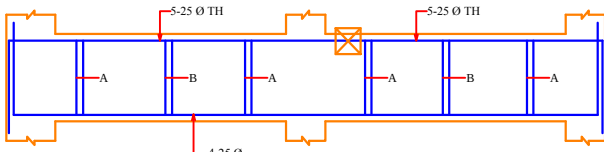
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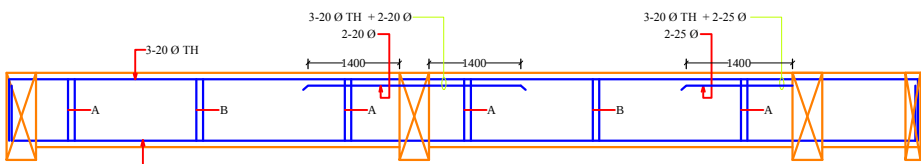
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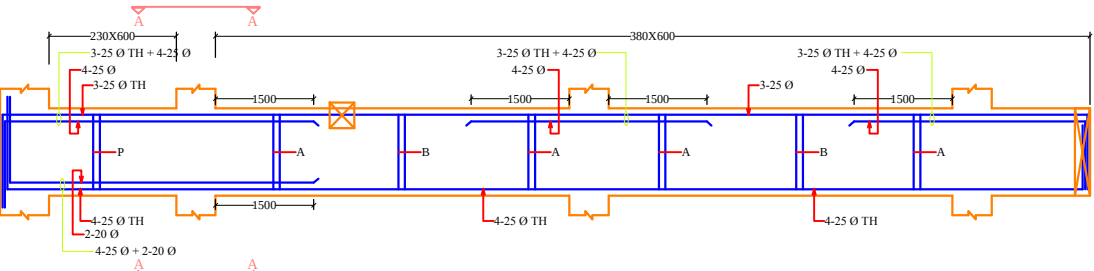
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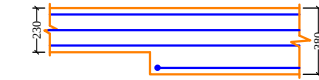
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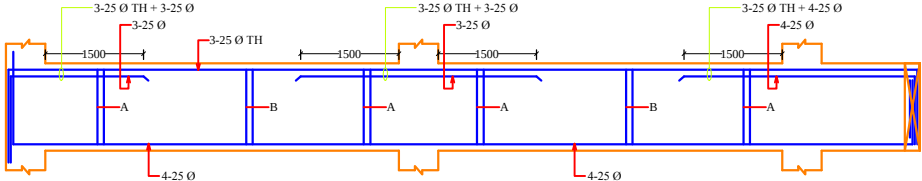
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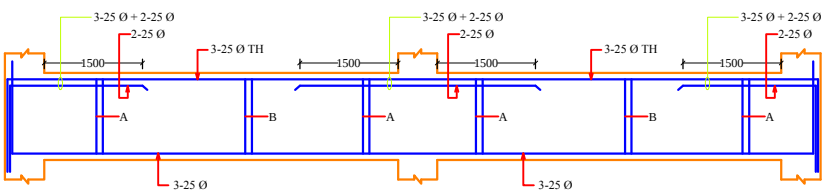
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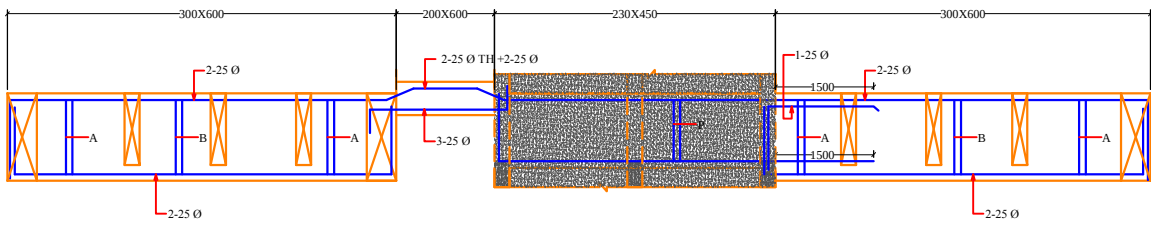
FHB13 BEAM TOP & BOTTOM VIEW A-A



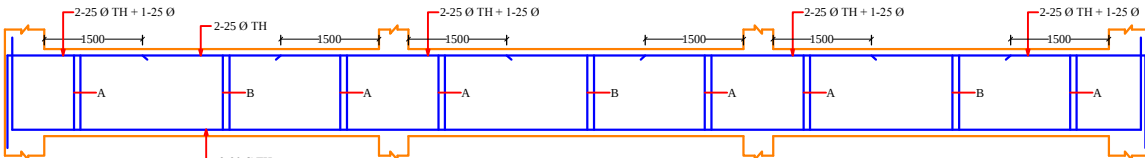
FHB15/FHB15'(380X600)



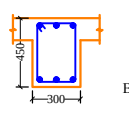
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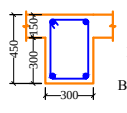
FHB18



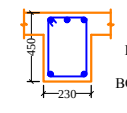
FHB16(300X450)



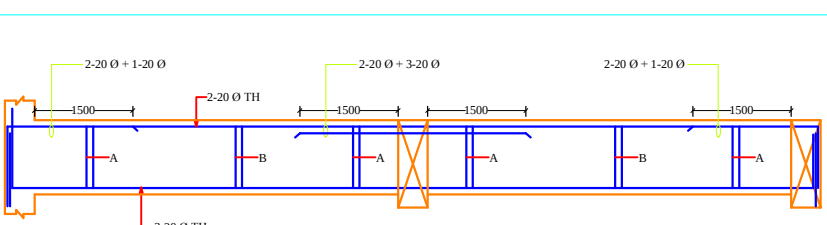
FHB26(300X450)
(AT LANDING LEVEL)



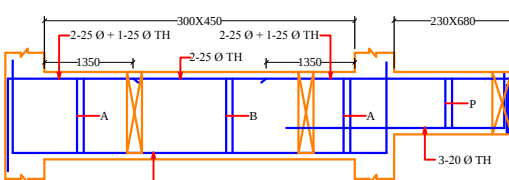
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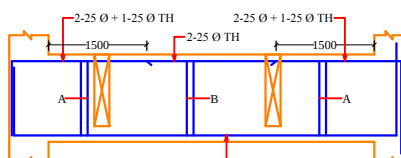
FHB23(230X450)



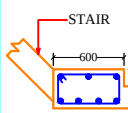
FHB19/FHB19'(300X450)



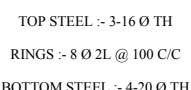
FHB21(300X450/230X680)



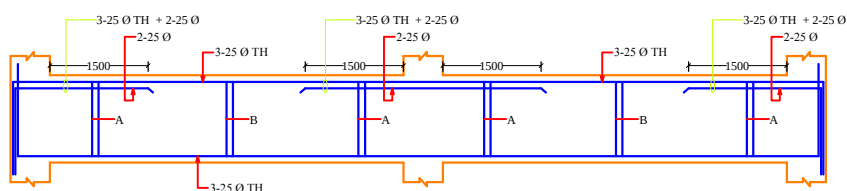
FHB22(300X450)



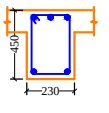
FHB25(600X200)



STAIR
TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 4-20 Ø TH

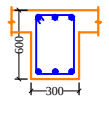


FHB24(300X600)



CB

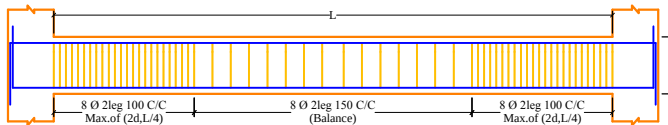
TOP STEEL :- 3-25 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 2-20 Ø TH



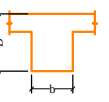
CB1

TOP STEEL :- 3-16 Ø TH
RINGS :- 8 Ø 2L @ 100 C/C
BOTTOM STEEL :- 3-16 Ø TH

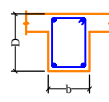
A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



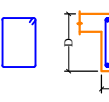
SA TYPE STIRRUPS



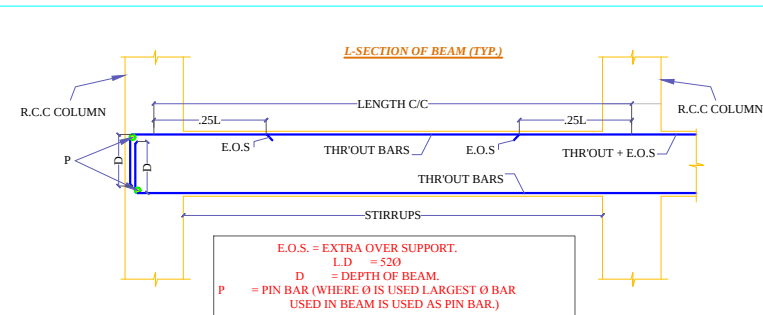
BEAM (bxD)



2 LEGGED STIRRUPS



4 LEGGED STIRRUPS



E.O.S. = EXTRA OVER SUPPORT.
L.D = 52Ø
D = DEPTH OF BEAM.
P = PIN BAR (WHERE Ø IS USED LARGEST Ø BAR USED IN BEAM IS USED AS PIN BAR.)

GENERAL NOTES

1. CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
2. FIGURED DIMENSIONS SHALL BE FOLLOWED.
3. ALL DIMENSIONS ARE GIVEN IN MM UNLESS OTHERWISE SPECIFIED.
4. THE FOUNDATION HAS BEEN DESIGNED FOR SBC AS PER SOIL REPORT.
5. TOTAL NUMBER OF STOREY IS (STILT+6).
6. MIX M-30 FOR FOUNDATION & COLUMNS.
MIX M-25 FOR ALL OTHERS.
7. THE REINFORCEMENT SHALL OF GRADE FE-500 HAVING ELONGATION MORE THAN 14.5% AND CONFIRMING OTHER REQUIREMENTS OF IS 1786 : 2008.
9. ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING RMC.
10. THE BRICK WORK SHALL COMMENCE ONLY AFTER THE COMPLETION OF RCC FRAME WORK
11. STEEL SHUTTERING MUST BE USED FOR ALL THE RCC WORKS
12. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
 - a. FOUNDATIONS: 50mm
 - b. COLUMNS: 40mm
 - c. R.C.C WALLS: 40mm
 - d. BEAMS: 25mm
 - e. SLABS: 25mm
13. OVER LAP LENGTH : 52X DIA OF BAR.
14. MIN. GAP BETWEEN TWO BARS = 25 MM.
15. HOOKS FOR TIES/STIRRUPS
= 6X DIA OF TIE/STIRRUP ≥ 65MM

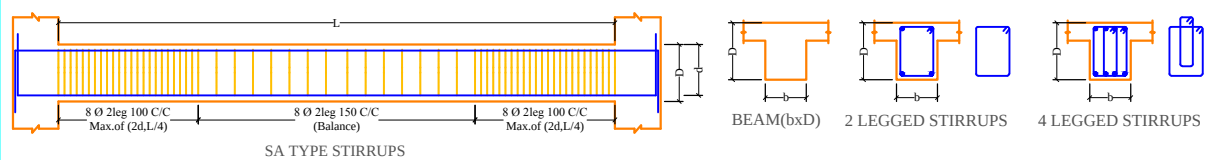
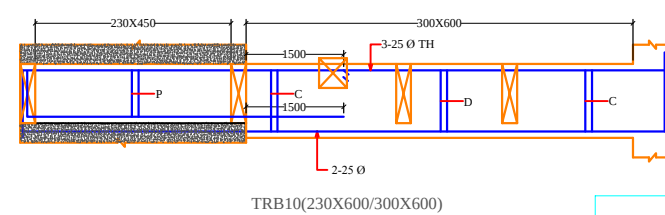
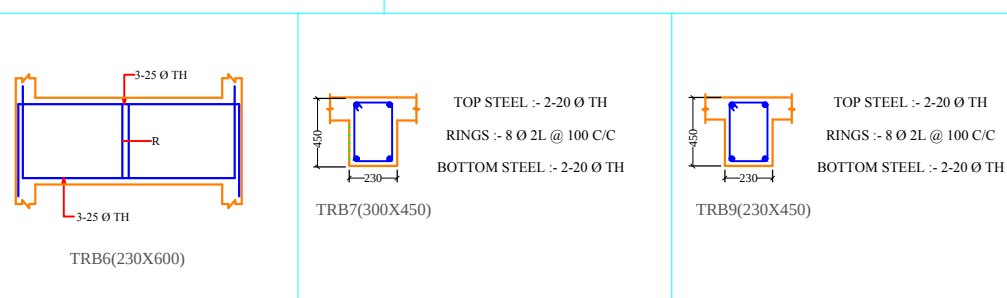
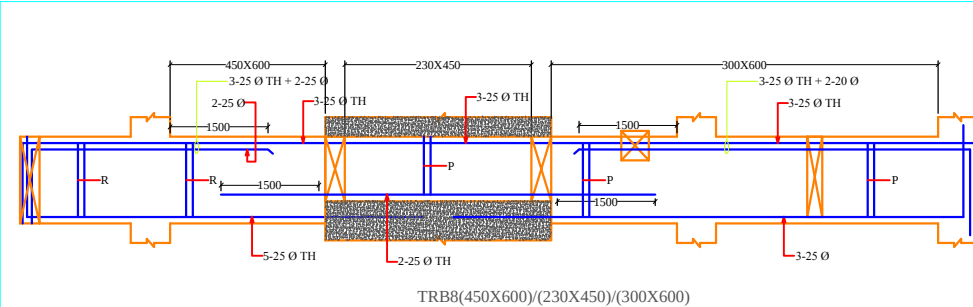
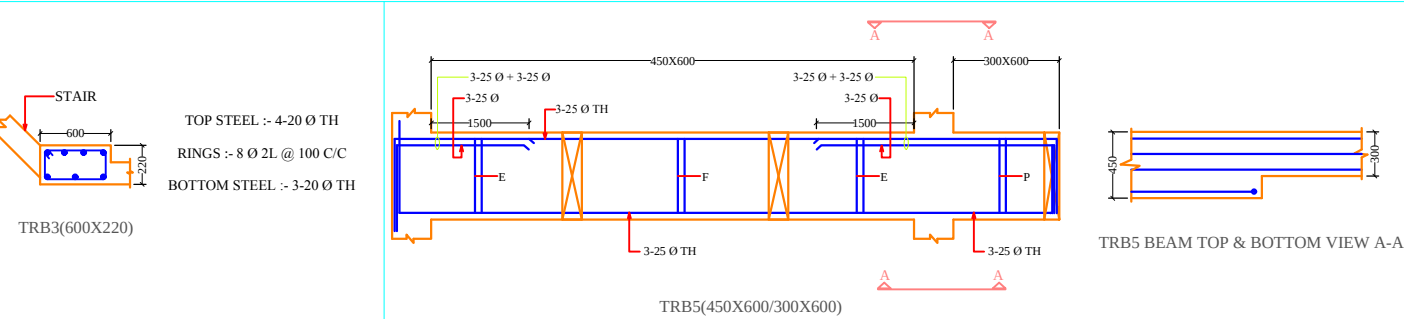
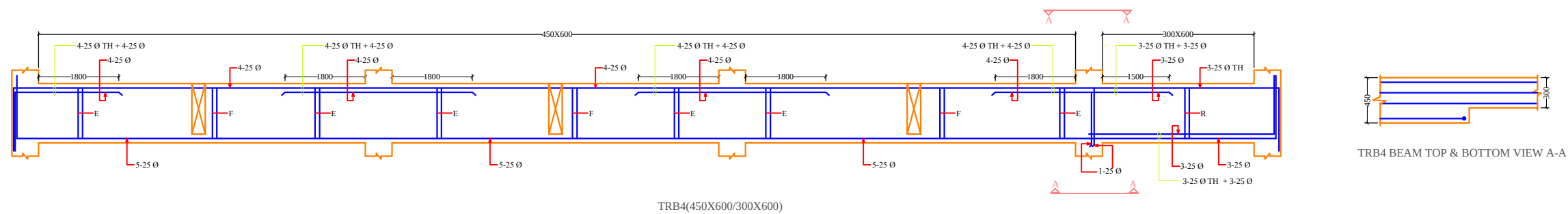
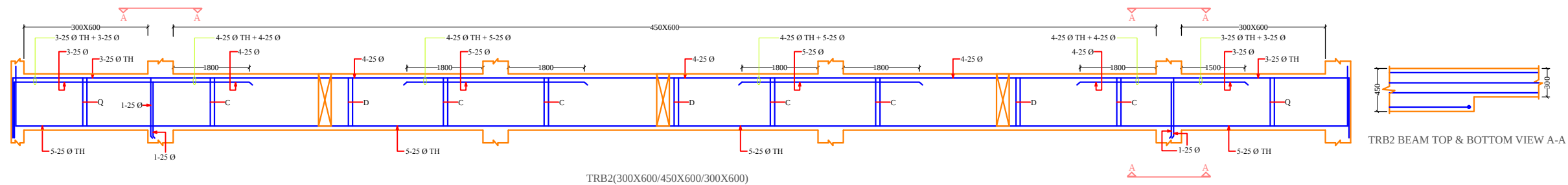
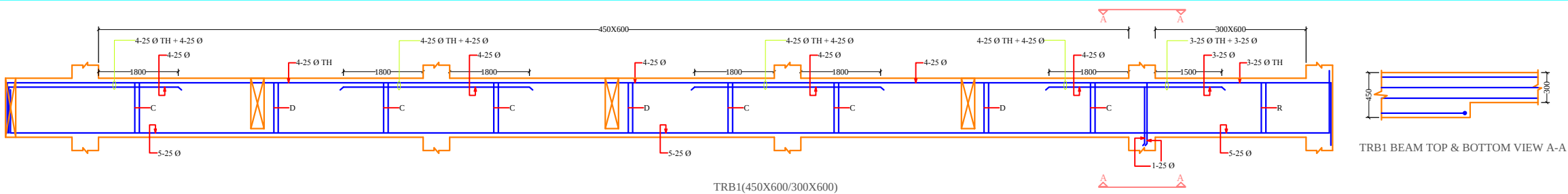


CANTILEVER SLAB SECTION 1-1

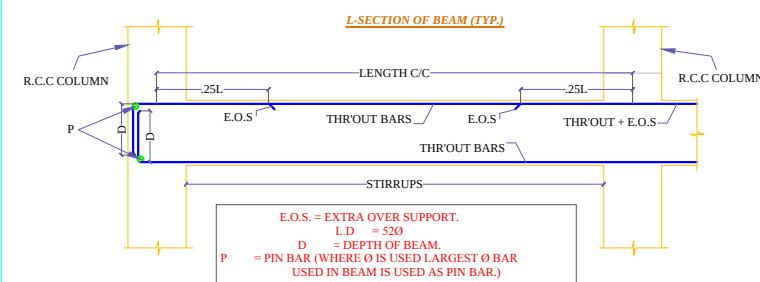
DRAWING TITLE:-	
SHEET-2	
FIRST FLOOR ROOF BEAM DETAIL	
DWG.NO.	
STC.-38	
SCALE :-	DATE:-
DRAWN BY:-	CHKD. BY
STR. CONSULTANT SIGN.	
STRUCTURE CONSULTANT.	
REGD.NO.1 173	
TECH PEFICIF	
Morth No.- RW/NH-3405/1/2014-S&B(P) Category= (I17)	
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Mob. No. +91-8968012763	
E-mail: techpecific@gmail.com	
ARCHITECT'S SIGN. OWNER'S SIGN.	

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www.creativeconsortium.india@gmail.com

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

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- OVER LAP LENGTH : 52XDIA OF BAR.
- MIN. GAP BETWEEN TWO BARS =25 MM.
- HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-
SHEET-1
TERRACE FLOOR ROOF BEAM DETAIL

DWG.NO.
STC.-39

SCALE :-
DATE:-
DRAWN BY:-
CHKD. BY
STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.
REGD.No.1173
TECH PECIFIC
STRUCTURAL CONSULTANTS
Morth No:-RW/NH-34054/1/2014-S&R(B) Category-II(L7)
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ARCHITECT'S SIGN. OWNER'S SIGN.

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info@creativeconsortium.co.in
creativeconsortium.india@gmail.com
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR PROPOSED
REGIONAL OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

GENERAL NOTES

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13. OVER LAP LENGTH : 52XDIA OF BAR.
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15. HOOKES FOR TIES/STIRRUPS =6XDIA OF TIE/STIRRUP ≥ 65MM

DRAWING TITLE:-

SHEET-2
TERRACE FLOOR ROOF BEAM DETAIL

DWG.NO.

STC.-40

SCALE :-

DATE:-

DRAWN BY:-

CHKD. BY

STR. CONSULTANT SIGN.

STRUCTURE CONSULTANT.

REGD.No.1173



TECH PACIFIC

STRUCTURAL CONSULTANTS

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E-mail: techpacific@gmail.com

ARCHITECT'S SIGN.

OWNER'S SIGN.



PROJECT ARCHITECT

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DELHI OFFICE-409,18/12 W.E.A.KAROL BAGH,

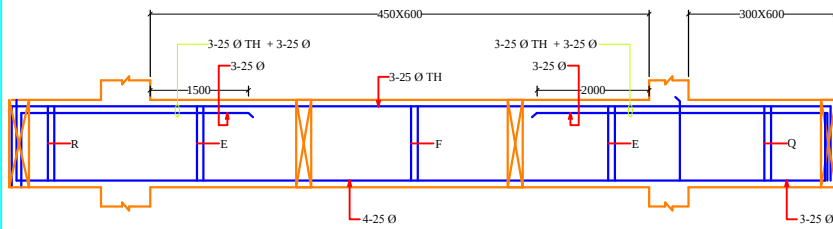
NEW DELHI; PH. 738071488

Web site : www.creativeconsortium.co.in

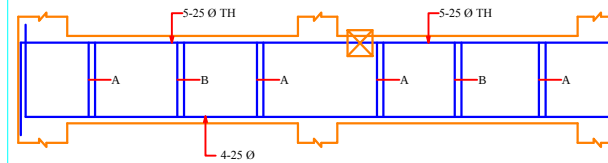
info@creativeconsortium.co.in

creativeconsortium.india@gmail.com

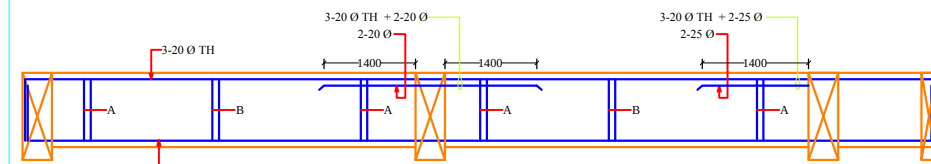
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



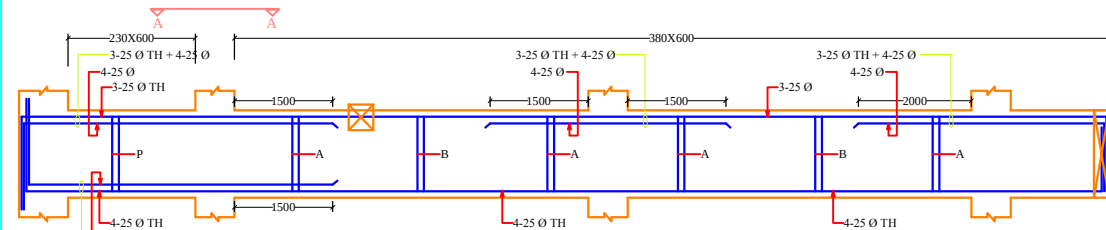
TRB11(450X600/300X600)



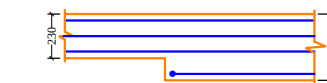
TRB12/TRB12'(300X600)



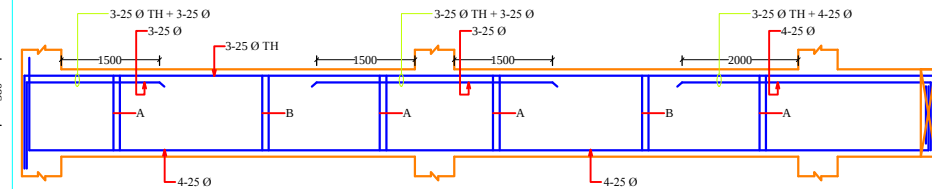
TRB14/TRB14'(300X450)



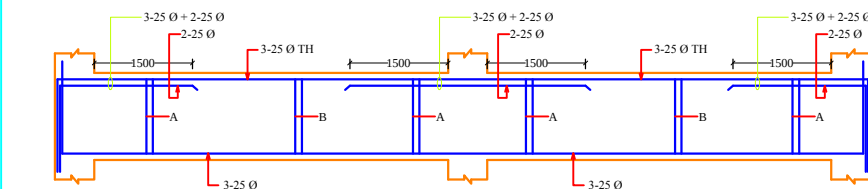
TRB13/TRB13'(230X600/380X600)



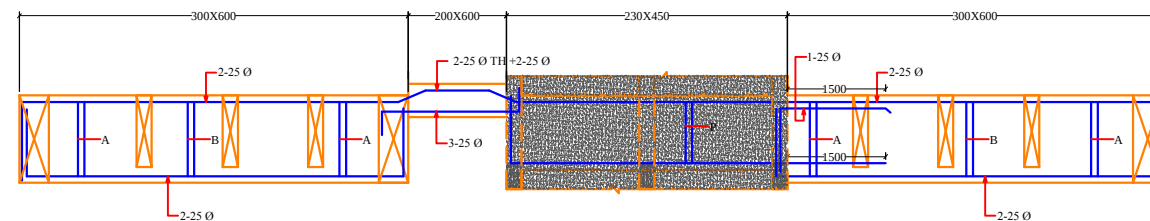
TRB13 BEAM TOP & BOTTOM VIEW A-A



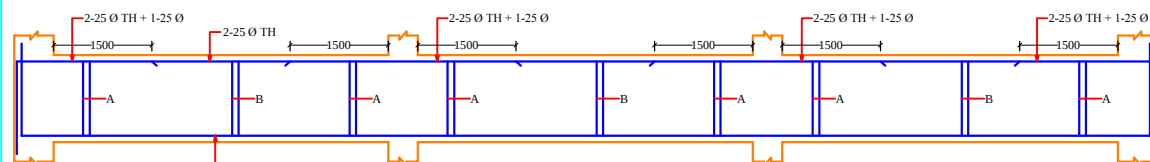
TRB15/TRB15'(380X600)



TRB15A/TRB15A'(380X600)



TRB18



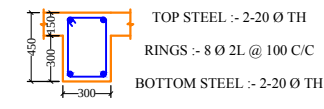
TRB16(300X450)



TRB26A(300X450)
(AT LANDING LEVEL)



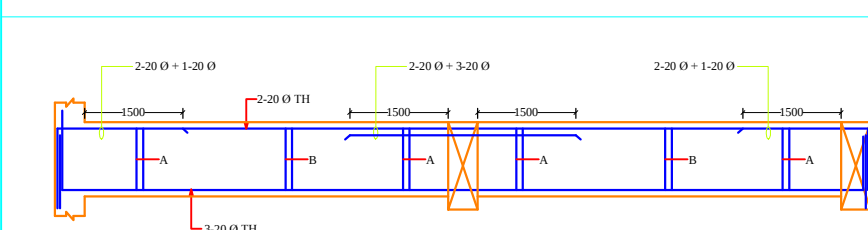
TRB26A(300X450)
(AT SLAB LEVEL)



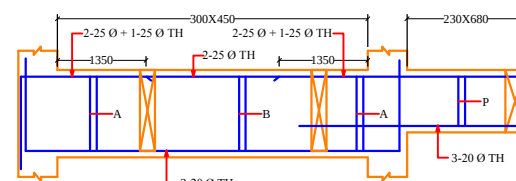
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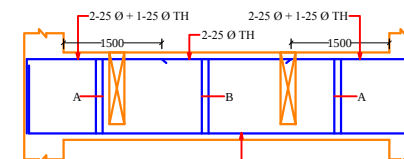
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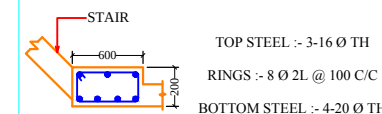
TRB19/TRB19'(300X450)



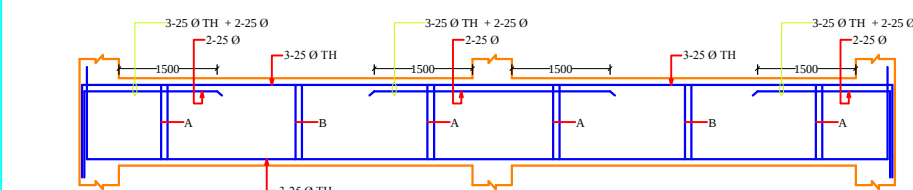
TRB21(300X450/230X680)



TRB22(300X450)



TRB25(600X200)



TRB24(300X600)

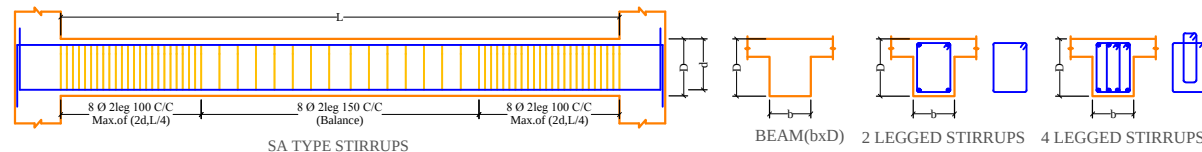


CB



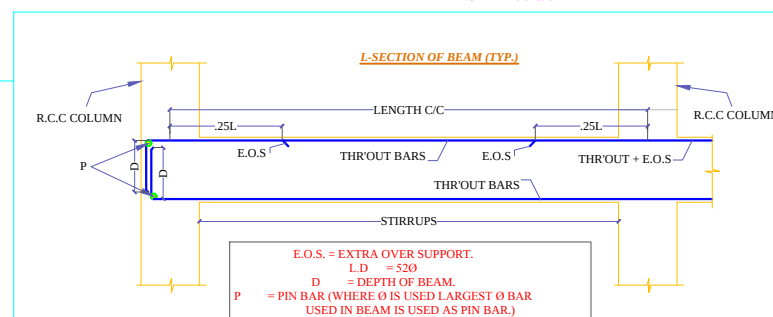
CB1

A= 8 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
B = 8 Ø 2L 150 c/c IN BETWEEN
C = 10 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
D=10 Ø 2L 150 c/c IN BETWEEN
E=12 Ø 2L 100 c/c IN L/4 NEAR SUPPORT
F=12 Ø 2L 150 c/c IN BETWEEN
P= 8 Ø 2L 100 c/c
Q=10 Ø 2L 100 c/c
R=12 Ø 2L 100 c/c



SA TYPE STIRRUPS

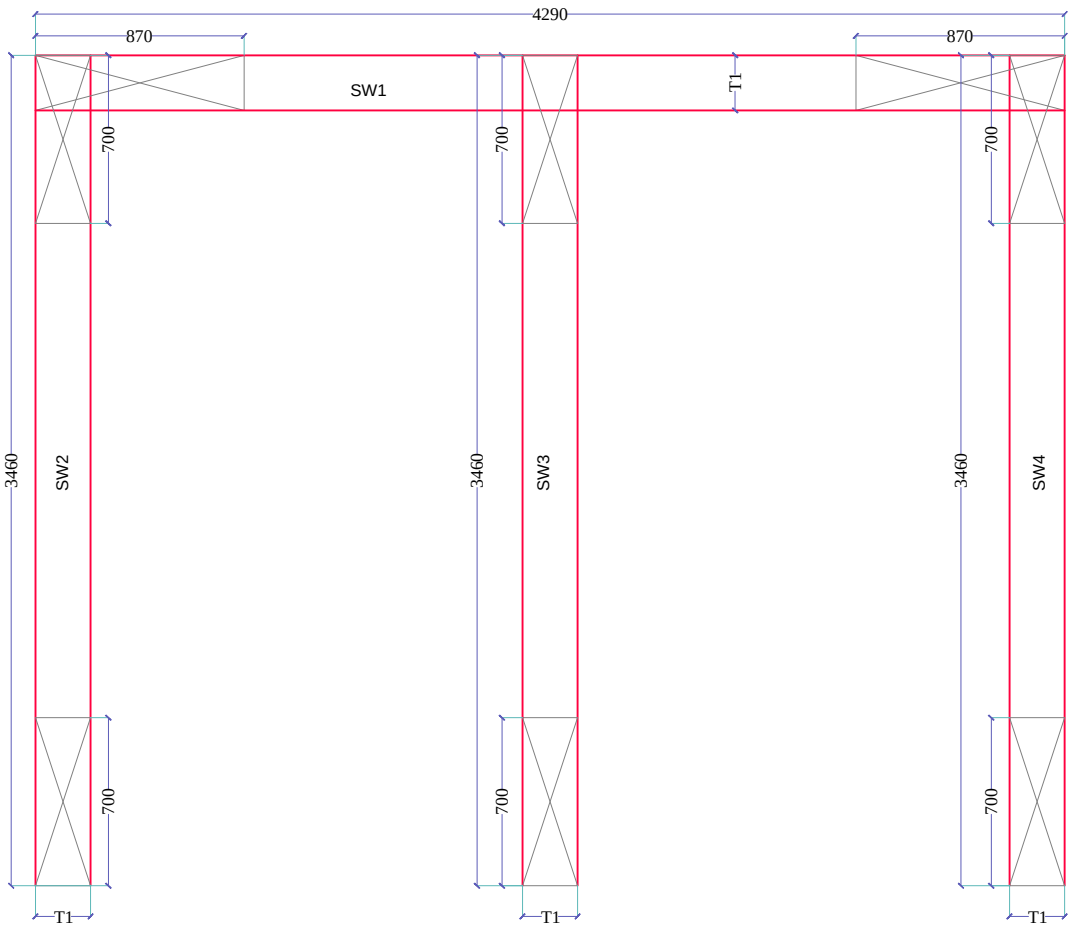
BEAM (bxD) 2 LEGGED STIRRUPS 4 LEGGED STIRRUPS



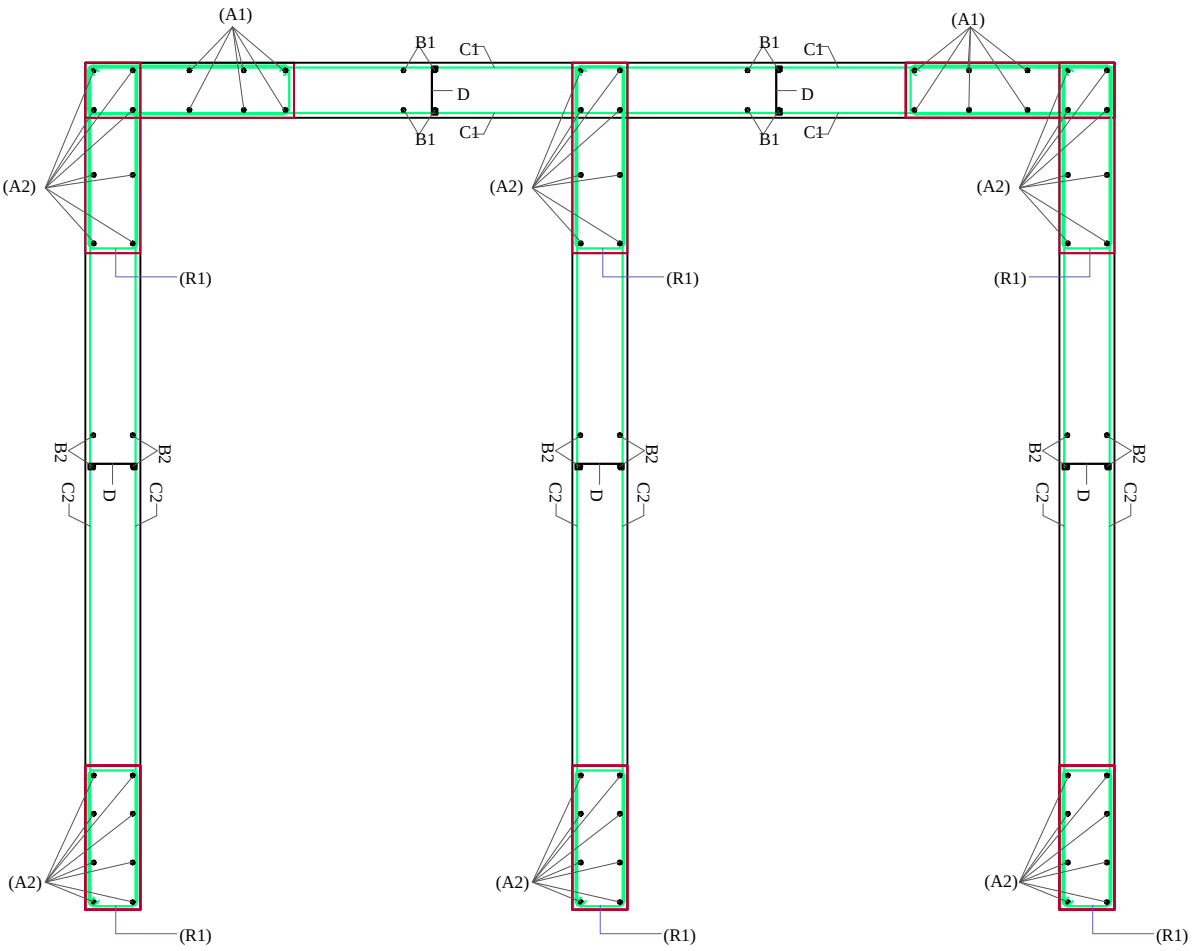
E.O.S. = EXTRA OVER SUPPORT.
L.D = 52Ø
D = DEPTH OF BEAM.
P = PIN BAR (WHERE Ø IS USED LARGEST Ø BAR USED IN BEAM IS USED AS PIN BAR.)

TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

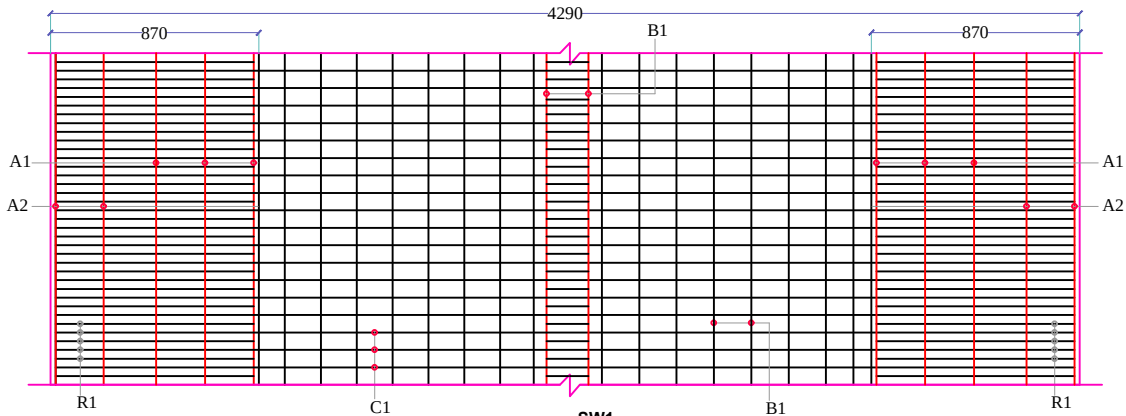
- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN mm AND LEVELS IN METERS. UNLESS OTHERWISE MENTIONED, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NO DIMENSION IS TO BE SCALED.
 2. GRADE OF CONCRETE SHALL BE AS FOLLOWED:-
PILE AND PILE CAP.....M35
 3. CLEAR COVER TO ANY REINFORCEMENT:-
IN PILE & PILE CAP.....75mm
 4. BARS SHOWN IN THE DRAWING ARE NOT TO BE COUNTED. ONLY WRITTEN DATA SHALL BE FOLLOWED.
 5. TMT HIGH YIELD STRENGTH DEFORMED BARS OF GRADE DESIGNATION FE-500/FE-500D CONFORMING TO IS:1786-1985. SHALL ONLY BE USED.
 6. INITIAL AND ROUTINE LOAD TEST SHALL BE CARRIED OUT ON PILE ACCORDING TO IRC:78 AND AS PER STANDARD SPECIFICATION TO DETERMINE VERTICAL (V) AND HORIZONTAL. (H) LOAD CARRYING OF PILE. IT SHALL BE ENSURED THAT IT IS NOT LESS THEN DESIGN WORKING LOAD.
 7. PILE SHALL BE CAST ABOVE THE BOTTOM OF PILE CAP LEVEL. THE TOP OF CONCRETE SHALL BE BROKEN BEFORE CASTING OF PILE CAP, TAKING 50mm PILE EMBEDDED INTO THE PILE CAP.
 8. OVERLAPPING FOR SPLICING OF REINFORCEMENT SHALL BE AS PER CLAUSE NO. 15.2.5. ARRANGEMENT OF TRANSVERSE REINFORCEMENT IN LAP ZONE:-



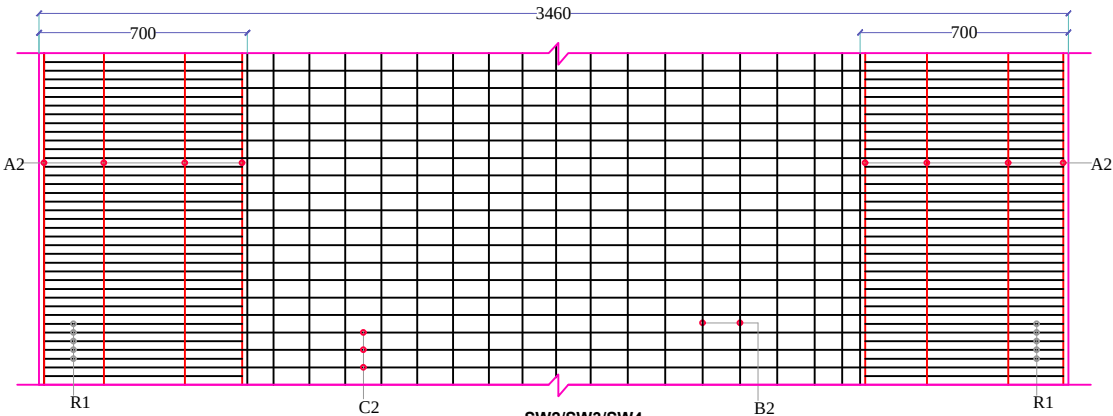
PLAN SHEAR WALL (DIMENSIONAL)



PLAN SHEAR WALL (REINFORCEMENT)



ELEVATION SHEAR WALL SW1



ELEVATION SHEAR WALL SW2/SW3/SW4

LEVEL	THICKNESS (T1) IN MM	C1	B1	A1
PLINTH TO FIRST LEVEL	230	12 Ø - 120 C/C	12 Ø - 120 C/C	6 - 25 Ø
FIRST TO SECOND LEVEL	230	10 Ø - 120 C/C	10 Ø - 120 C/C	6 - 25 Ø
THIRD TO FOURTH LEVEL	230	8 Ø - 150 C/C	8 Ø - 120 C/C	6 - 25 Ø
ABOVE FOURTH LEVEL	230	8 Ø - 170 C/C	8 Ø - 120 C/C	4-25 Ø + 2-12 Ø

SW1

D = 12 Ø 350 C/C TO VERTICAL REINFORCEMENT
R1 = 8 Ø 2L 100 C/C
MIX = M30
FY = 500D
LENGTH OF SHEAR WALL = AS PER PLAN

LEVEL	THICKNESS (T1) IN MM	C2	B2	A2
PLINTH TO FIRST LEVEL	230	12 Ø - 120 C/C	12 Ø - 120 C/C	8 - 25 Ø
FIRST TO SECOND LEVEL	230	10 Ø - 120 C/C	10 Ø - 120 C/C	8 - 25 Ø
THIRD TO FOURTH LEVEL	230	8 Ø - 150 C/C	8 Ø - 120 C/C	8 - 25 Ø
ABOVE FOURTH LEVEL	230	8 Ø - 170 C/C	8 Ø - 120 C/C	4-25 Ø + 4-12 Ø

SW2/SW3/SW4

DRAWING TITLE:-
SHEAR WALL DETAIL

DWG NO:-
STR- 41

SCALE :-
DATE:-

DRAWN BY:-
CHKD. BY

STR. CONSULTANT SIGN.

REGD.No. 1173
TP **TECH PECIFIC**
STRUCTURAL CONSULTANTS
Morth No:-RW/NH-34054/1/2014-S&R(B) Category=II(17)
OFFICE: PLOT NO-40 SECTOR-82 JLPL, MOHALI(PB.)
Mob. No. - +91-8968012763
E-mail: techpecific@gmail.com

ARCHITECT'S SIGN. OWNER'S SIGN.

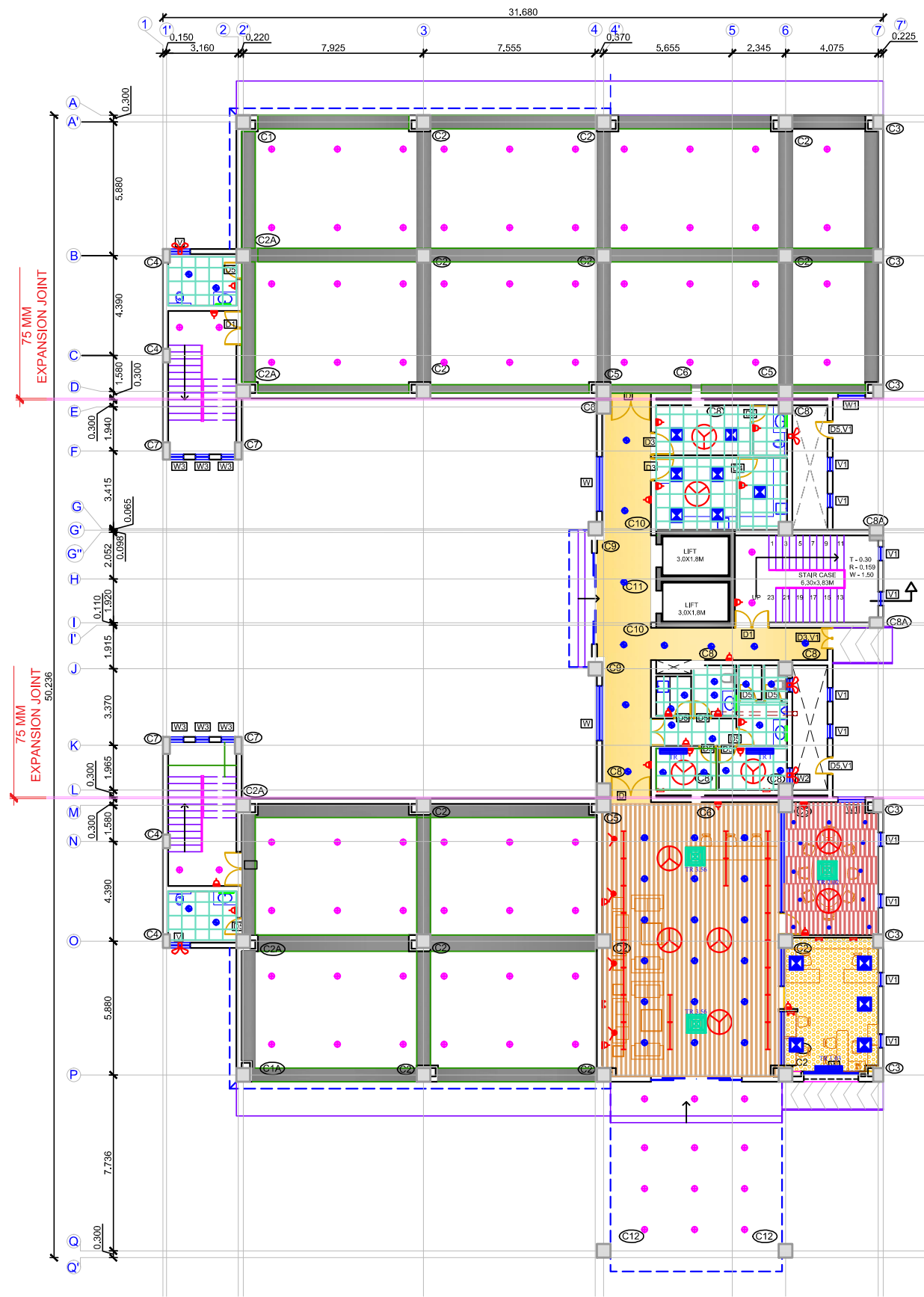


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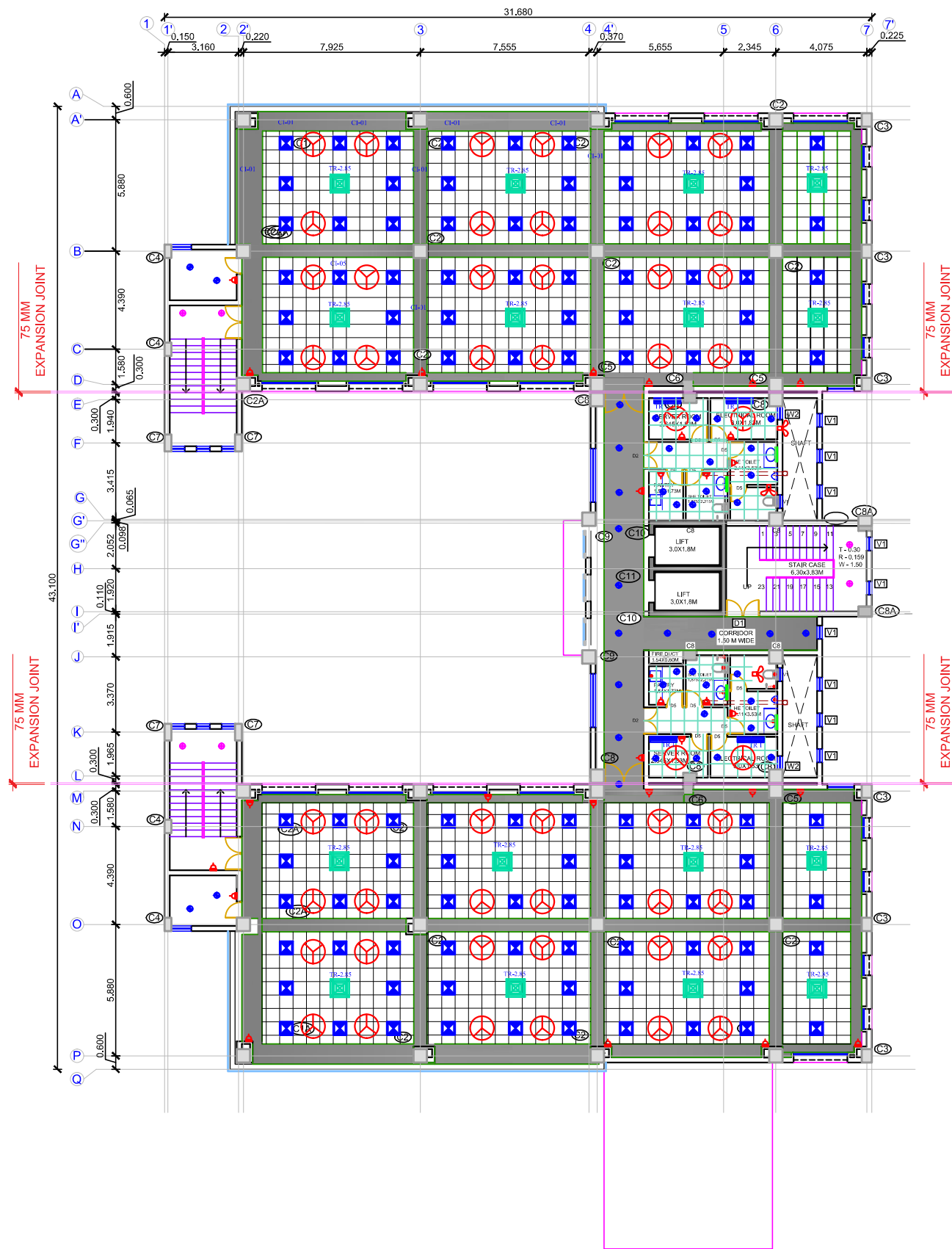
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

Sr. No.	SYMBOL	DISCRIPTION	HEIGHT
1.	●	15W recess downlighter	CEILING
2.	■	31W 2'x2' Recessed led luminaire with drop down diffuser wipro make	CEILING
3.	■	CASSATTE AC	CEILING
4.	■	2'X2' Verge LED wipro	CEILING
5.	—	1200X52 linear trilux	CEILING
6.	▲	6W Cob Philips	CEILING
7.	●	Philips Pendant Light	CEILING
8.	●	6W recess downlighter	CEILING
9.	●	Surface mounted downlighter	CEILING
10.	—	Truck linea 4'-0" long 13 w philips make	IN COVE
11.	■	Switch board	3'-6"
12.	■	Exhaust fan	3'-6"
13.	—	Mirror light	7'-0"



ELECTRICAL LAYOUT STILT FLOOR



ELECTRICAL LAYOUT FIRST FLOOR

ARCHITECT'S SIGN. OWNER'S SIGN.



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SCALE:-	DATE:-	SR.NO.
NAME:-	CHKD. BY:-	
DRAWING TITLE:-		DRAWING NO.
STILT AND FIRST FLOOR ELECTRICAL LAYOUT PLAN		42

PROJ NO-CC/NHIDCL/GUWAHATI/2017/456



ELECTRICAL LAYOUT SECOND FLOOR PLAN



ELECTRICAL LAYOUT THIRD FLOOR

Sl. No.	SYMBOL	DISCRIPTION	HEIGHT
1.	●	15W recess downlighter	CEILING
2.	■	31W 2'x2' Recessed led luminaire with drop down diffuser wipro make	CEILING
3.	■	CASSATTE AC	CEILING
4.	■	2'X2' Verge LED wipro	CEILING
5.	—	1200X52 linear trilux	CEILING
6.	▲	6W Cob Philips	CEILING
7.	●	Philips Pendant Light	CEILING
8.	●	6W recess downlighter	CEILING
9.	●	Surface mounted downlighter	CEILING
10.	—	Truck line 4'-0" long 13 w philips make	IN COVE
11.	■	Switch board	3'-6"
12.	■	Exhaust fan	3'-6"
13.	—	Mirror light	7'-0"

ARCHITECT'S SIGN. OWNER'S SIGN.



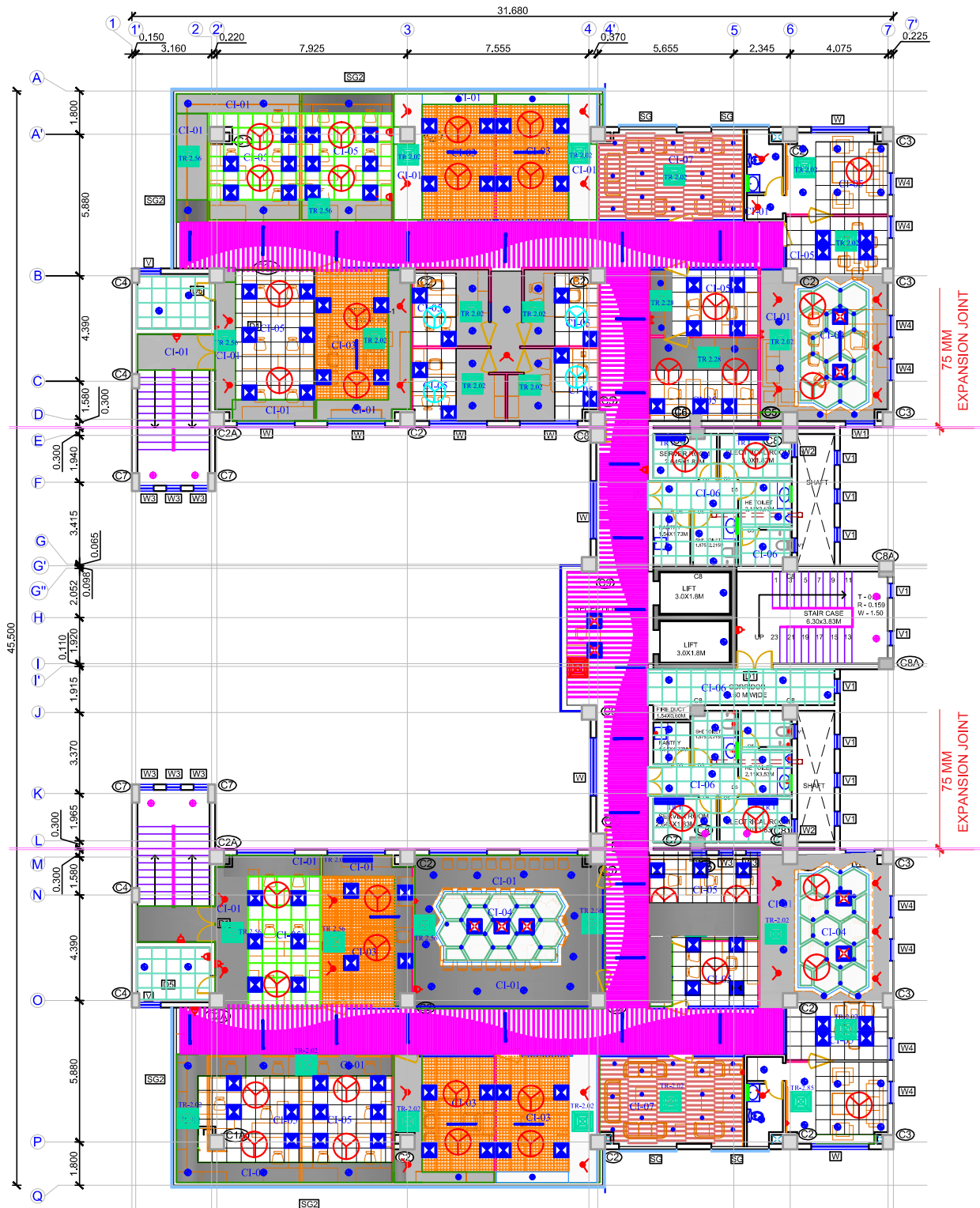
PROJECT ARCHITECT
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SCALE:-	DATE:-	SR.NO.
NAME:-	CHKD. BY:-	
DRAWING TITLE:- SECOND AND THIRD FLOOR ECTRICAL LAYOUT PLAN		DRAWING NO. 43

PROJ NO-CC/NHIDCL/GUWAHATI/2017/456



ELECTRICAL LAYOUT FOURTH FLOOR



ELECTRICAL LAYOUT FIFTH FLOOR

Sr. No.	SYMBOL	DISCRIPTION	HEIGHT
1.	●	15W recess downlighter	CEILING
2.	■	31W 2x2' Recessed led luminaire with drop down diffuser wipro make	CEILING
3.	■	CASSATTE AC	CEILING
4.	■	2'X2' Verge LED wipro	CEILING
5.	—	1200X52 linear trilux	CEILING
6.	▲	6W Cob Philips	CEILING
7.	●	Philips Pendant Light	CEILING
8.	●	6W recess downlighter	CEILING
9.	●	Surface mounted downlighter	CEILING
10.	—	Truck linea 4'-0" long 13 w philips make	IN COVE
11.	□	Switch board	3'-6"
12.	□	Exhaust fan	3'-6"
13.	—	Mirror light	7'-0"

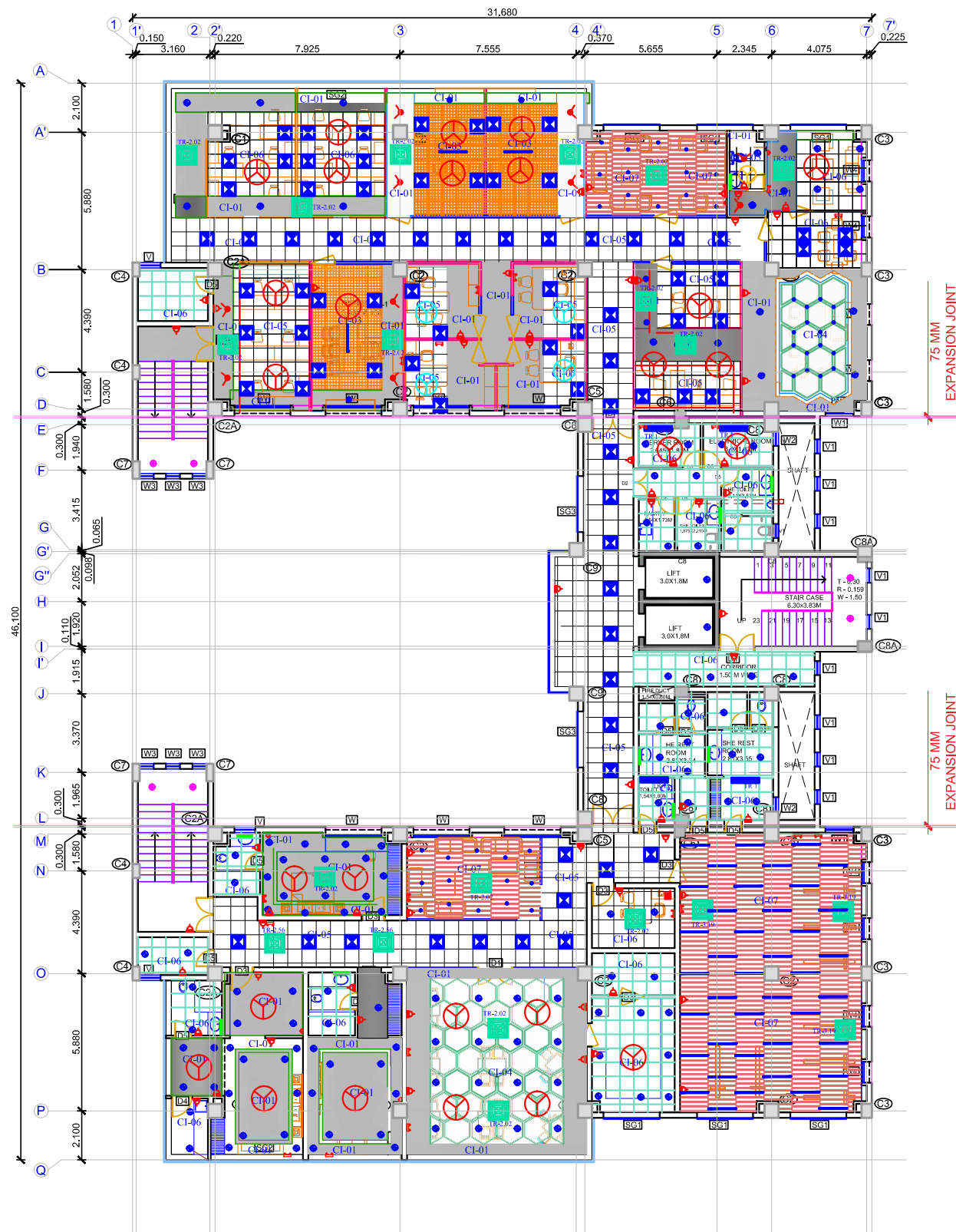
ARCHITECT'S SIGN. OWNER'S SIGN.



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SCALE:- 1:100	DATE:-	SR.NO.
NAME:-	CHKD. BY:-	
DRAWING TITLE:- FOURTH AND FIFTH FLOOR ELECTRICAL LAYOUT PLAN		DRAWING NO. 44

PROJ NO-CC/NHIDCL/GUWAHATI/2017/456



ELECTRICAL LAYOUT SIXTH FLOOR

Sr. No.	SYMBOL	DISCRIPTION	HEIGHT
1.	●	15W recess downlighter	CEILING
2.	■	31W 2'x2' Recessed led luminaire with drop down diffuser wipro make	CEILING
3.	■	CASSATTE AC	CEILING
4.	■	2'X2' Verge LED wipro	CEILING
5.	—	1200X52 linear trilux	CEILING
6.	▲	6W Cob Philips	CEILING
7.	●	Philips Pendent Light	CEILING
8.	●	6W recess downlighter	CEILING
9.	●	Surface mounted downlighter	CEILING
10.	—	Truck lines 4'-0" long 13 w philips make	IN COVE
11.	■	Switch board	3'-6"
12.	■	Exhaust fan	3'-6"
13.	—	Mirror light	7'-0"

ARCHITECT'S SIGN.

OWNER'S SIGN.



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SCALE:- 1:100 DATE:-

NAME:- CHKD. BY:-

DRAWING TITLE:-

SIXTH FLOOR ELECTRICAL LAYOUT PLAN

PROJ NO-CC/NHIDCL/GUWAHATI/2017/456

SR.NO.

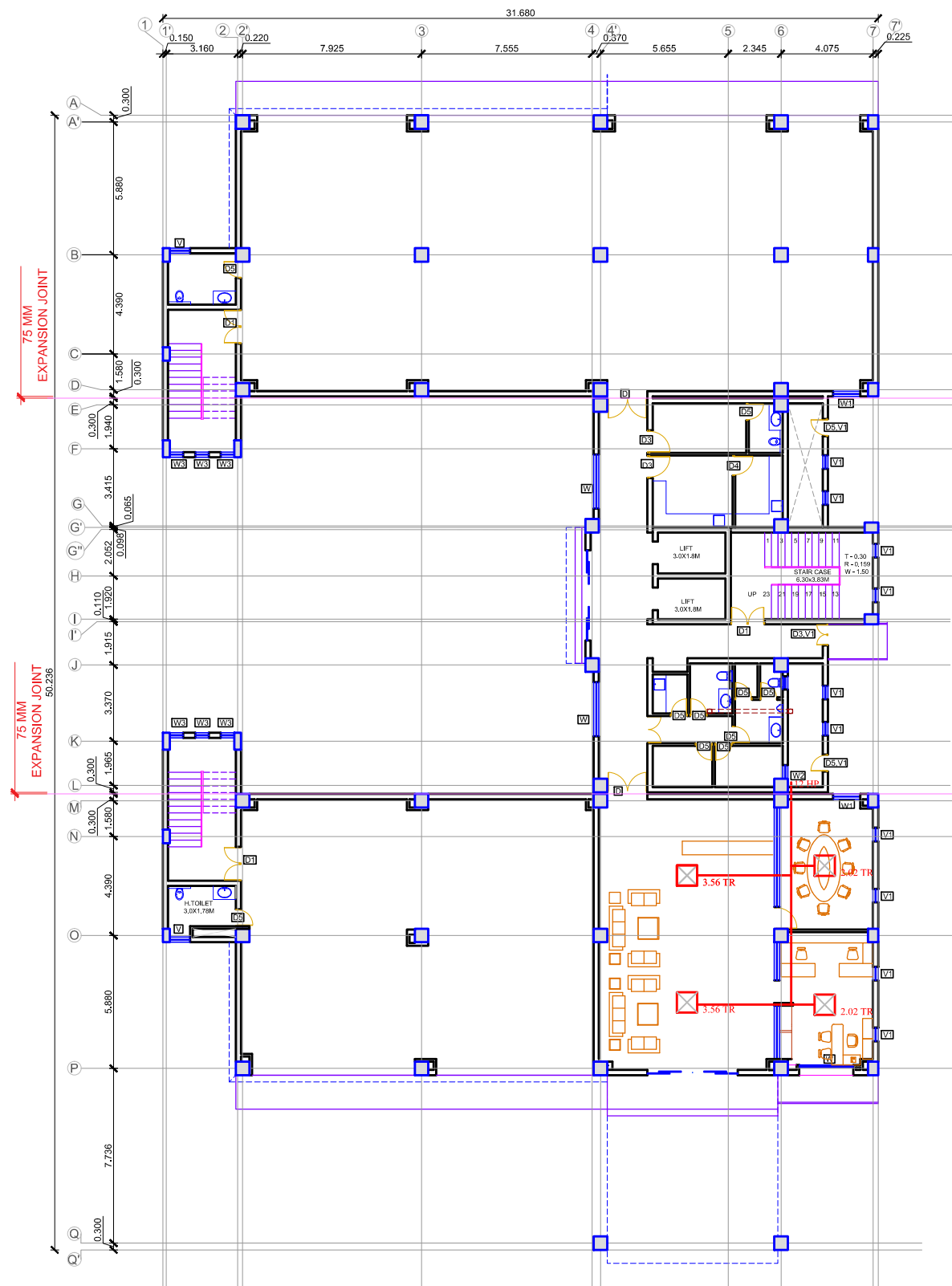
CHKD. BY:-

DRAWING NO.

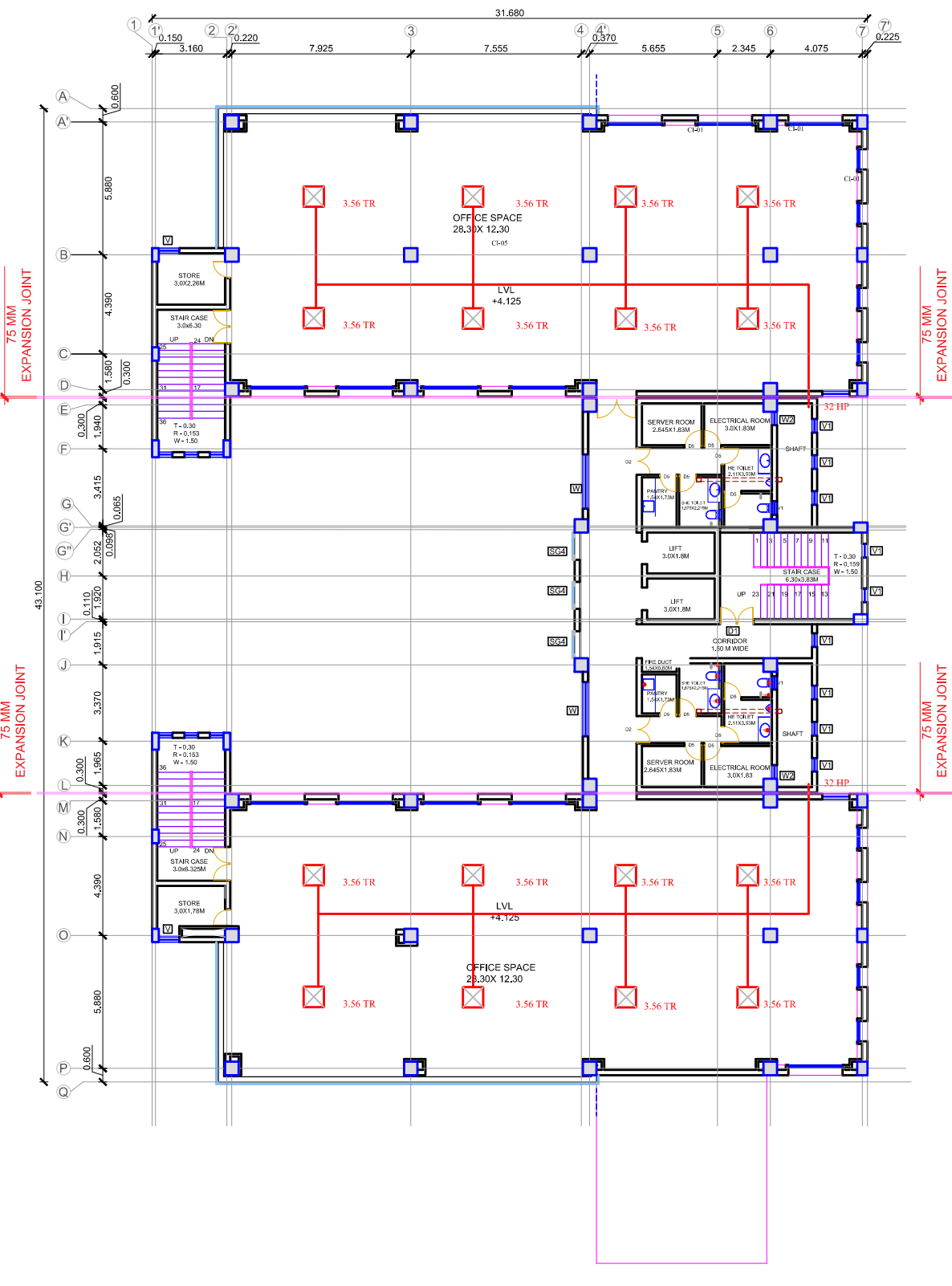
45

TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

- NOTES:-
1. ALL DIMENSIONS ARE IN METER UNLESS NOTED OTHERWISE.
 2. WRITTEN DIMENSIONS ARE TO BE FOLLOWED. DRAWING ARE NOT TO BE SCALED.
 3. ALL DIMENSIONS SHOULD BE CHECKED AND CORRELATED WITH THE RELEVANT ARCHITECTURAL, STRUCTURAL DRAWINGS, PH & ELECTRICAL DRAWINGS.
 4. ANY AMBIGUITY, DISCREPANCY OR OMISSIONS SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT IMMEDIATELY AND BEFORE COMMENCING THE WORK AT SITE.
 5. STAIRCASE AS PER DETAILED DRAWINGS.



STILT FLOOR PLAN



FIRST FLOOR PLAN

ARCHITECT'S SIGN. OWNER'S SIGN.



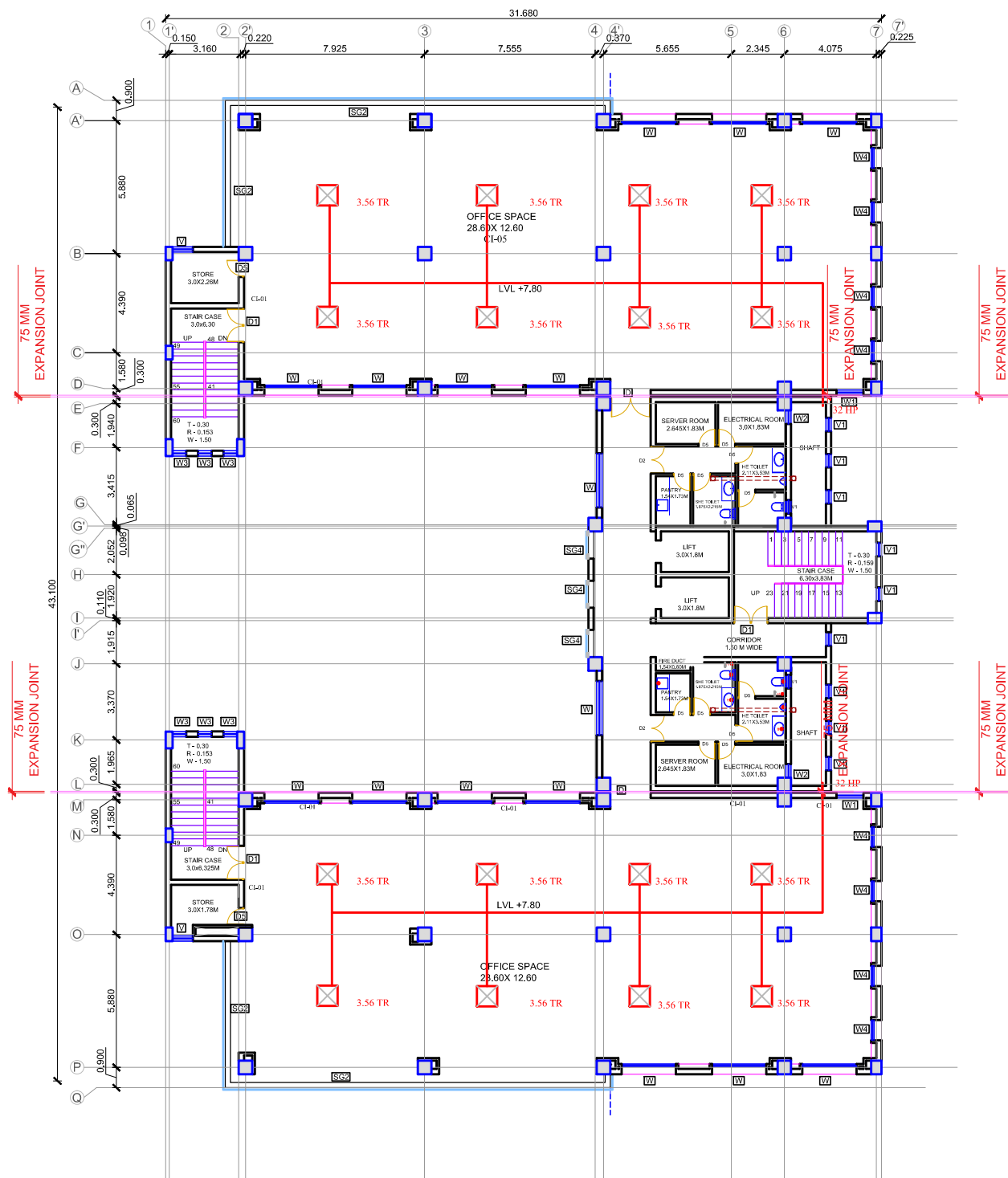
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SCALE:-	DATE:-	SR.NO.
NAME:-	CHKD. BY:-	
DRAWING TITLE:-		DRAWING NO.
STILT FLOOR & FIRST FLOOR HVAC LAYOUT PLAN		47

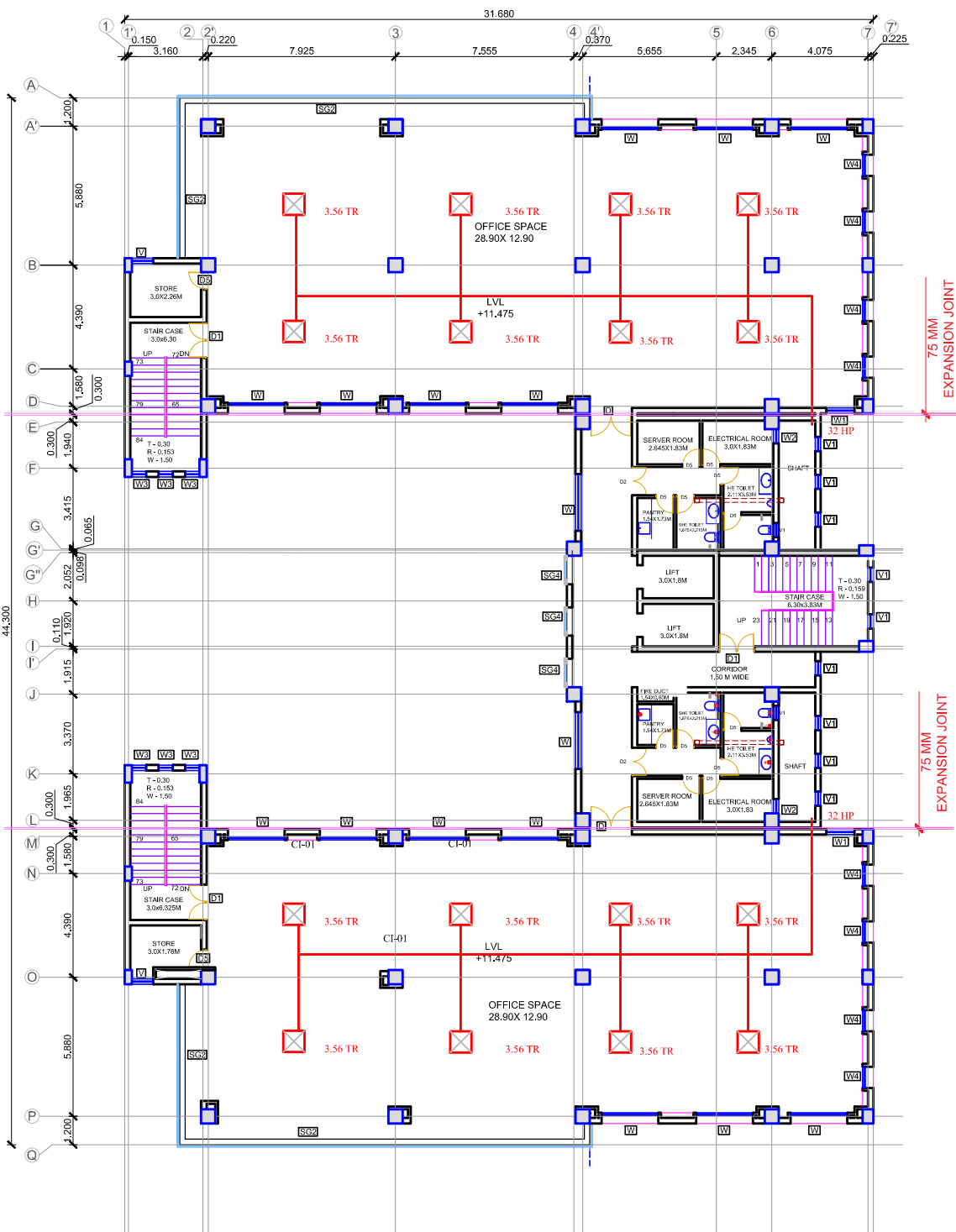
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

- NOTES:-
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 5. STAIRCASE AS PER DETAILED DRAWINGS.



SECOND FLOOR PLAN



THIRD FLOOR PLAN

ARCHITECT'S SIGN. OWNER'S SIGN.



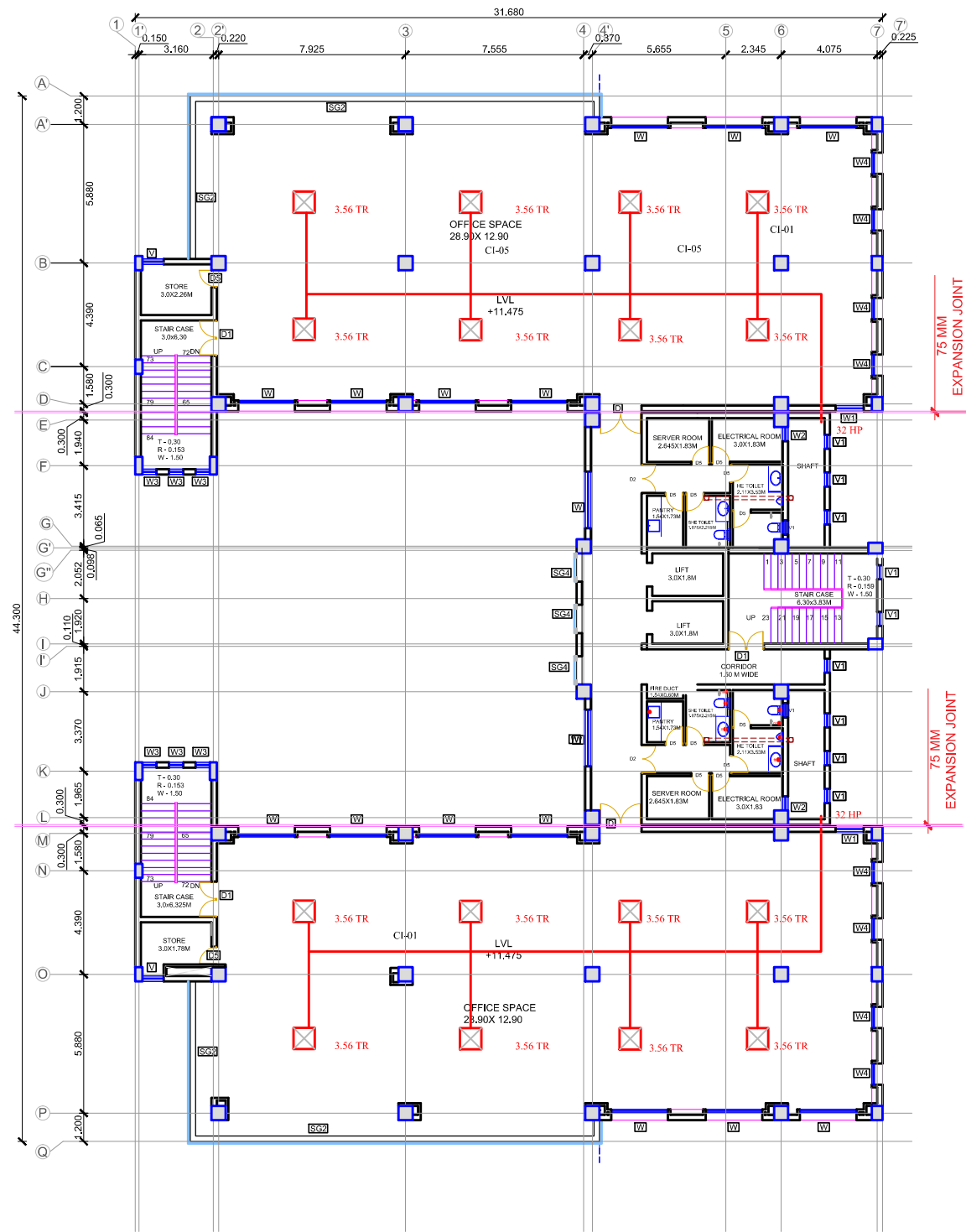
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SCALE:-	DATE:-	SR.NO.
NAME:-	CHKD. BY:-	
DRAWING TITLE:- SECOND FLOOR & THIRD FLOOR HVAC LAYOUT PLAN		DRAWING NO. 48

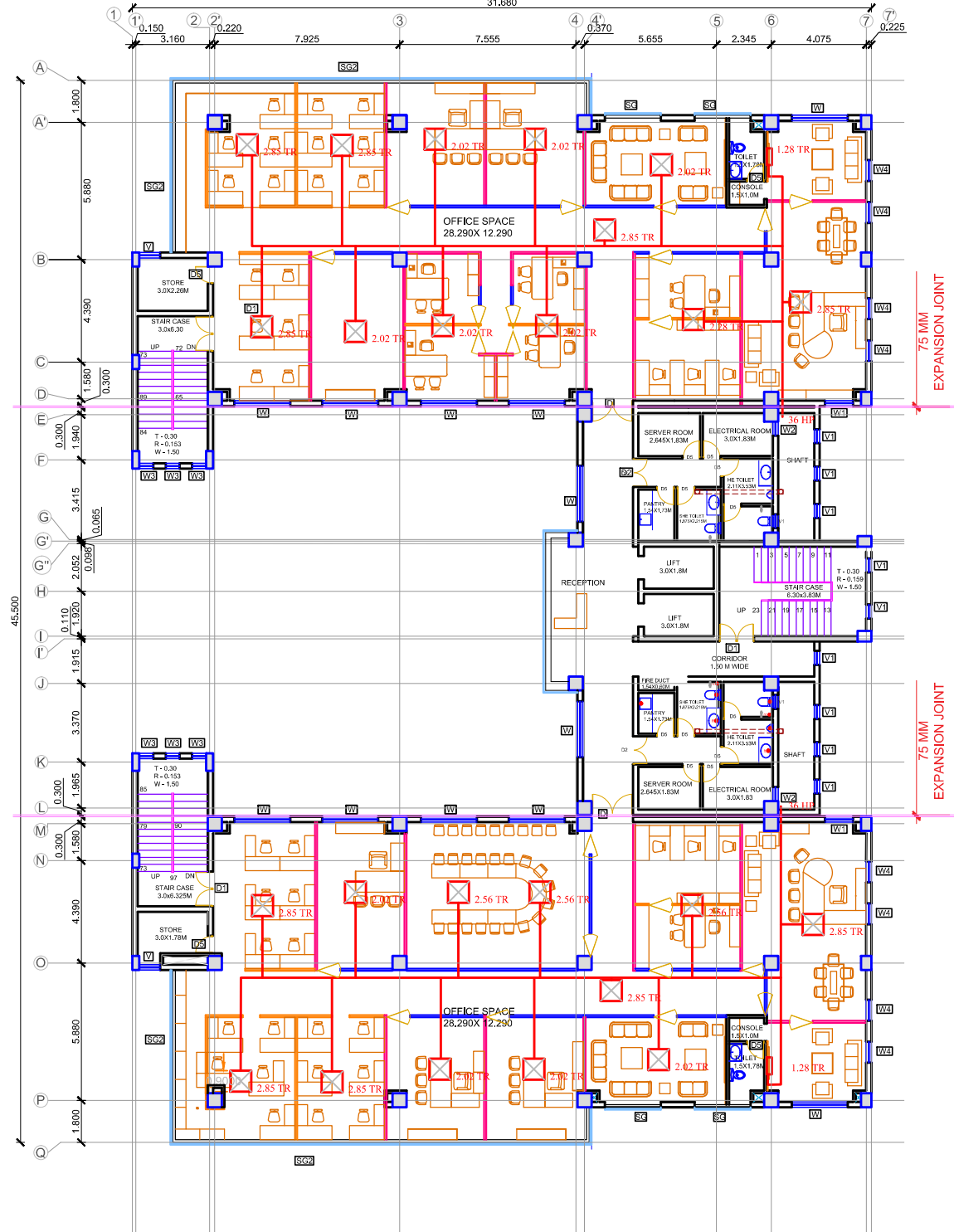
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

- NOTES:-
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 5. STAIRCASE AS PER DETAILED DRAWINGS.



FOURTH FLOOR PLAN



FIFTH FLOOR PLAN

ARCHITECT'S SIGN. OWNER'S SIGN.



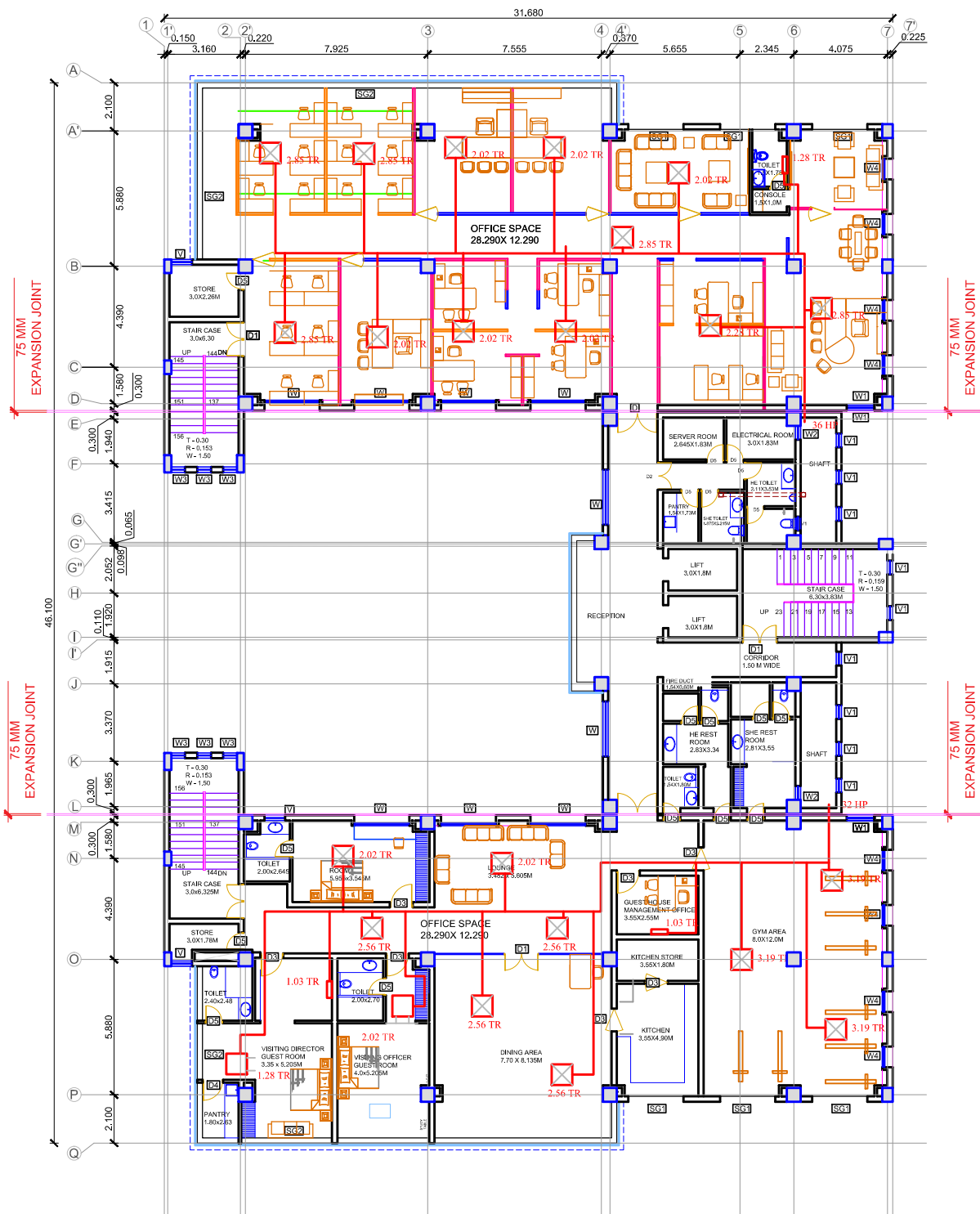
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SCALE:-	DATE:-	SR.NO.
NAME:-	CHKD. BY:-	
DRAWING TITLE:-		DRAWING NO.
FOURTH AND FIFTH HVAC LAYOUT PLAN		49

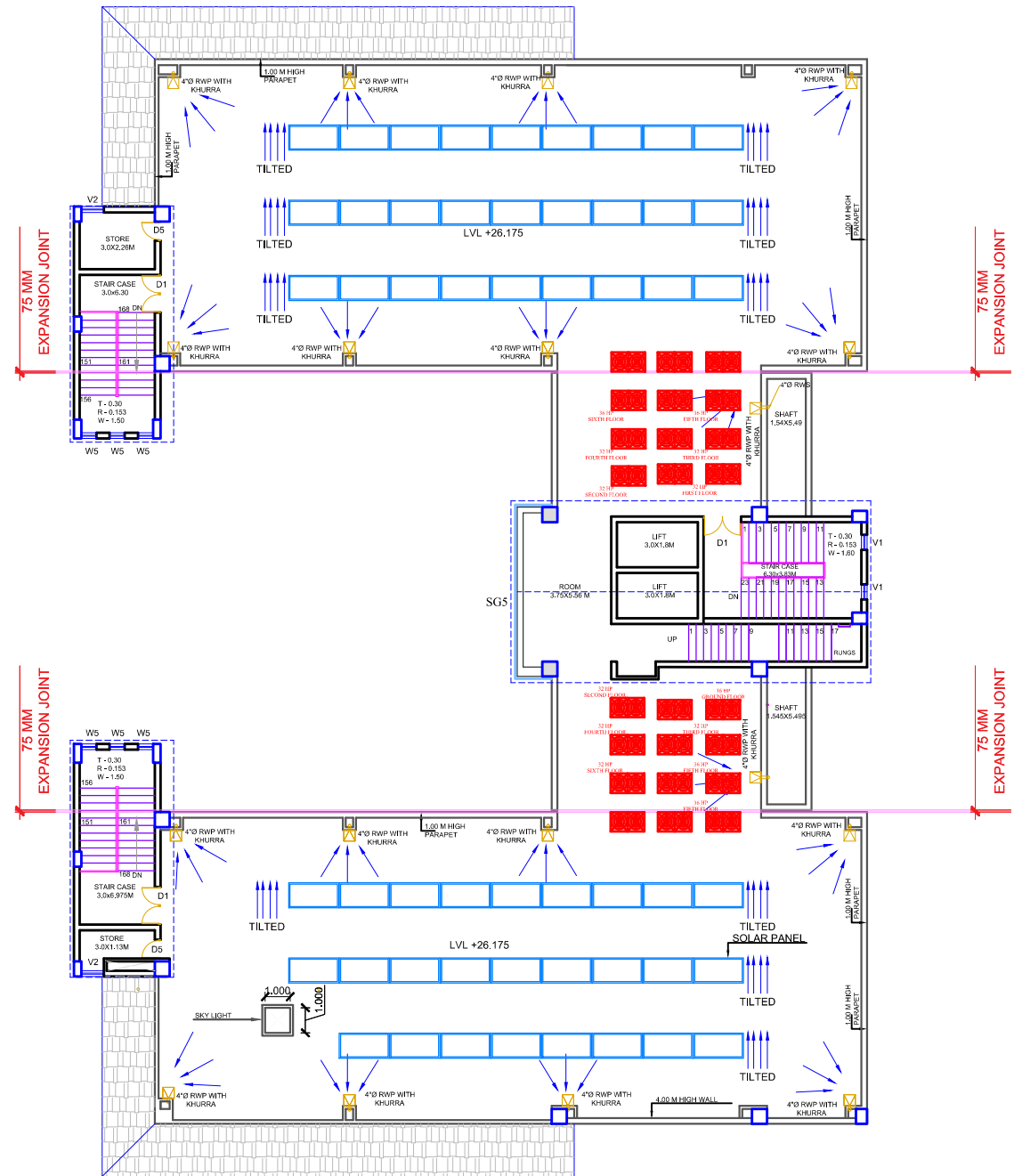
PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

- NOTES:-
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 5. STAIRCASE AS PER DETAILED DRAWINGS.



SIXTH FLOOR PLAN



TERRACE PLAN

ARCHITECT'S SIGN. OWNER'S SIGN.



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SCALE:-	DATE:-	SR.NO.
NAME:-	CHKD. BY:-	
DRAWING TITLE:-		DRAWING NO.
SIXTH FLOOR AND TERRACE HVAC LAYOUT PLAN		50

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

TENDER DRAWING FOR
PROPOSED REGIONAL
OFFICE BUILDING FOR
NHIDCL AT GUWAHATI

JOINERY DETAIL :-			
TYPE	SIZE	CILL LVL.	LINTEL LVL.
D	1.780X2.10	±0	2.10
D1	1.500X2.10	±0	2.10
D2	1.200X2.10	±0	2.10
D3	1.00X2.10	±0	2.10
D4	0.900X2.10	±0	2.10
D5	0.760X2.10	±0	2.10
D6	4.00X3.00	±0	3.00
W	2.400X2.000	1.000	3.00
W1	1.200X2.000	1.000	3.00
W2	0.750X2.000	1.000	3.00
W3	0.600X2.000	1.000	3.00
W4	0.900X2.000	1.000	3.00
W5	0.600X1.100	1.000	2.10
V	0.900X0.900	2.100	3.00
V1	0.600X0.600	2.400	3.00
V2	0.900X0.900	1.200	2.10
V3	0.600X0.600	1.500	2.10
SG1	2.400X9.350	1.000	3.00
SG2	VARIES	1.000	3.00
SG3	2.400X5.675	1.000	3.00
SG4	1.200X11.175	1.000	3.00
SG5	8.755X11.175		

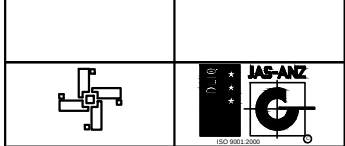
LEGENDS FOR FIRE FIGHTING

SYMBOL	DESCRIPTION
	25mm Ø BRANCH PIPE
	32mm Ø BRANCH PIPE
	40mm Ø BRANCH PIPE
	30mm Ø MAIN SPRINKLER PIPE
	80mm Ø MAIN SPRINKLER PIPE
	100mm Ø MAIN SPRINKLER PIPE
	150mm Ø MAIN SPRINKLER PIPE
	PENDENT TYPE SPRINKLER
	UPRIGHT TYPE SPRINKLER
	SIDE WALL TYPE SPRINKLER
	FIRE DUCT 1200 MM X 600 MM
	ABC DRY POWDER TYPE FIRE EXTINGUISHER
	WATER CO2 TYPE FIRE EXTINGUISHER
	100mm Ø SPRINKLER RISER
	100mm Ø HYDRANT RISER
	DRAIN PIPE TO FIRE TANK

LEGENDS FOR ONE FIRE HOSE CABINET

SYMBOL	DESCRIPTION	QTY.
	100 Ø DOWN CORNER	1NOS
	FIRST AID FIRE HOSE REEL 38.5M LENGTH & 20 MM Ø WITH HOSE REEL DRUM	1NOS
	SINGLE OUTLET LANDING VALVE	1NOS
	15 M LONG HOSE PIPE COUPLING 63 MM Ø	2NOS
	25 MM BALL VALVE	1NOS
	15 MM BALL VALVE	1NOS
	BRANCH PIPE	2NOS
	FIRE MAN AXE	1NOS
	PRESSURE GAUGE WITH 15 MM BALL VALVE	1NOS
	FIRE EXTINGUISHER - 4.5 KG CO2	1NOS
	FIRE EXTINGUISHER - 6 KG ABC	1NOS

ARCHITECT'S SIGN. OWNER'S SIGN.



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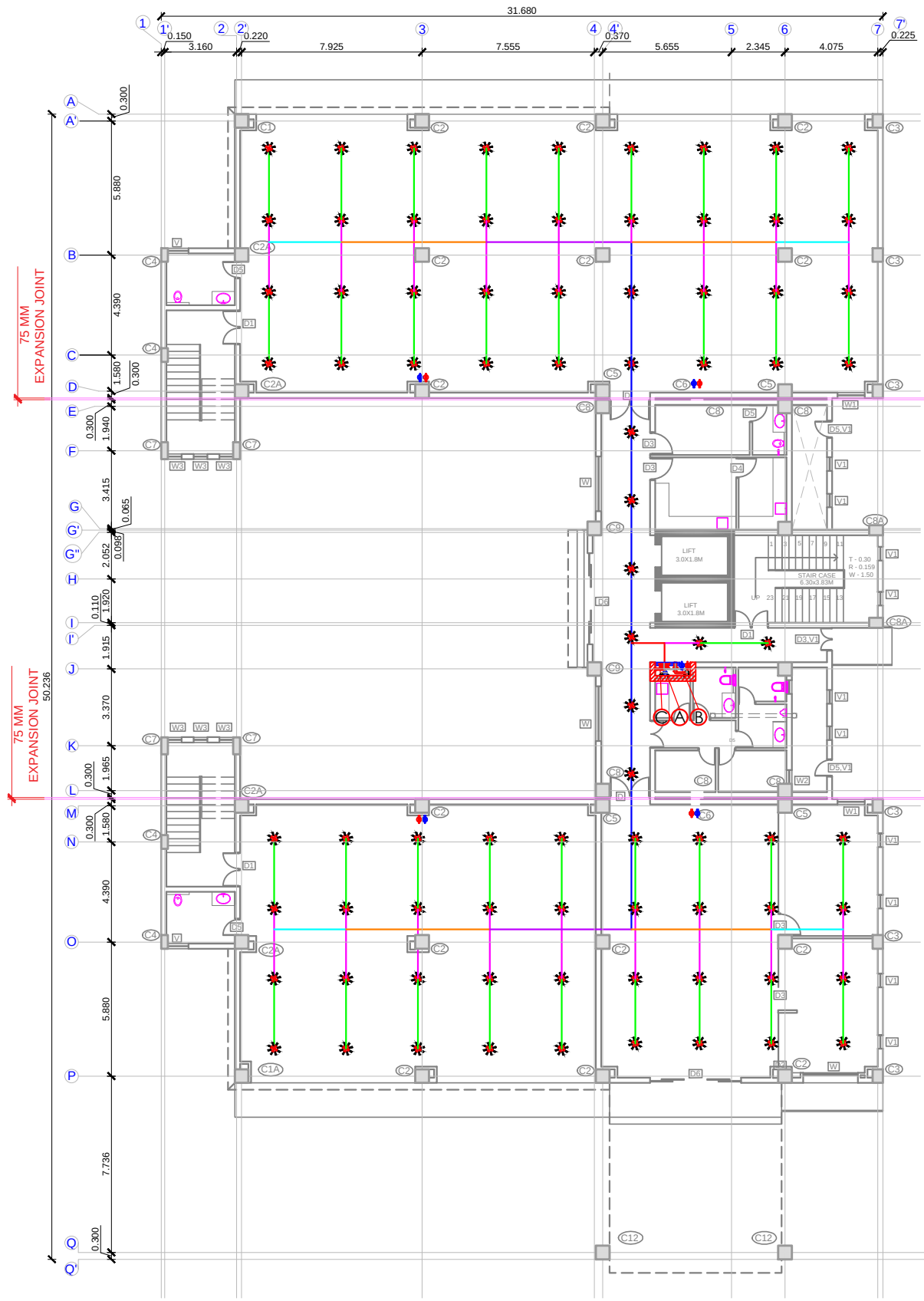
SCALE:- N.T.S. DATE:-

NAME:- K. CHAUHAN CHKD. BY:-

DRAWING TITLE:-
TYPICAL FLOOR FIRE FIGHTING
LAYOUT PLAN

DRG.NO.
51

PROJ NO=CC/NHIDCL/GUWAHATI/2017/456



STILT FLOOR FIRE FIGHTING LAYOUT PLAN

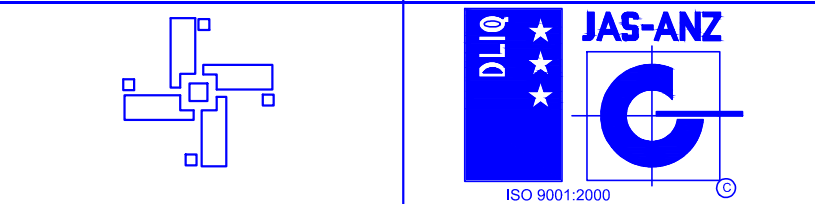


FIRST FLOOR FIRE FIGHTING LAYOUT PLAN

	(A) 100Ø MS HYDRANT PIPE
	(B) 100Ø MS SPRINKLER PIPE
	(C) 40Ø MS DRAIN PIPE



ARCHITECT'S SIGN.	OWNER'S SIGN.
-------------------	---------------

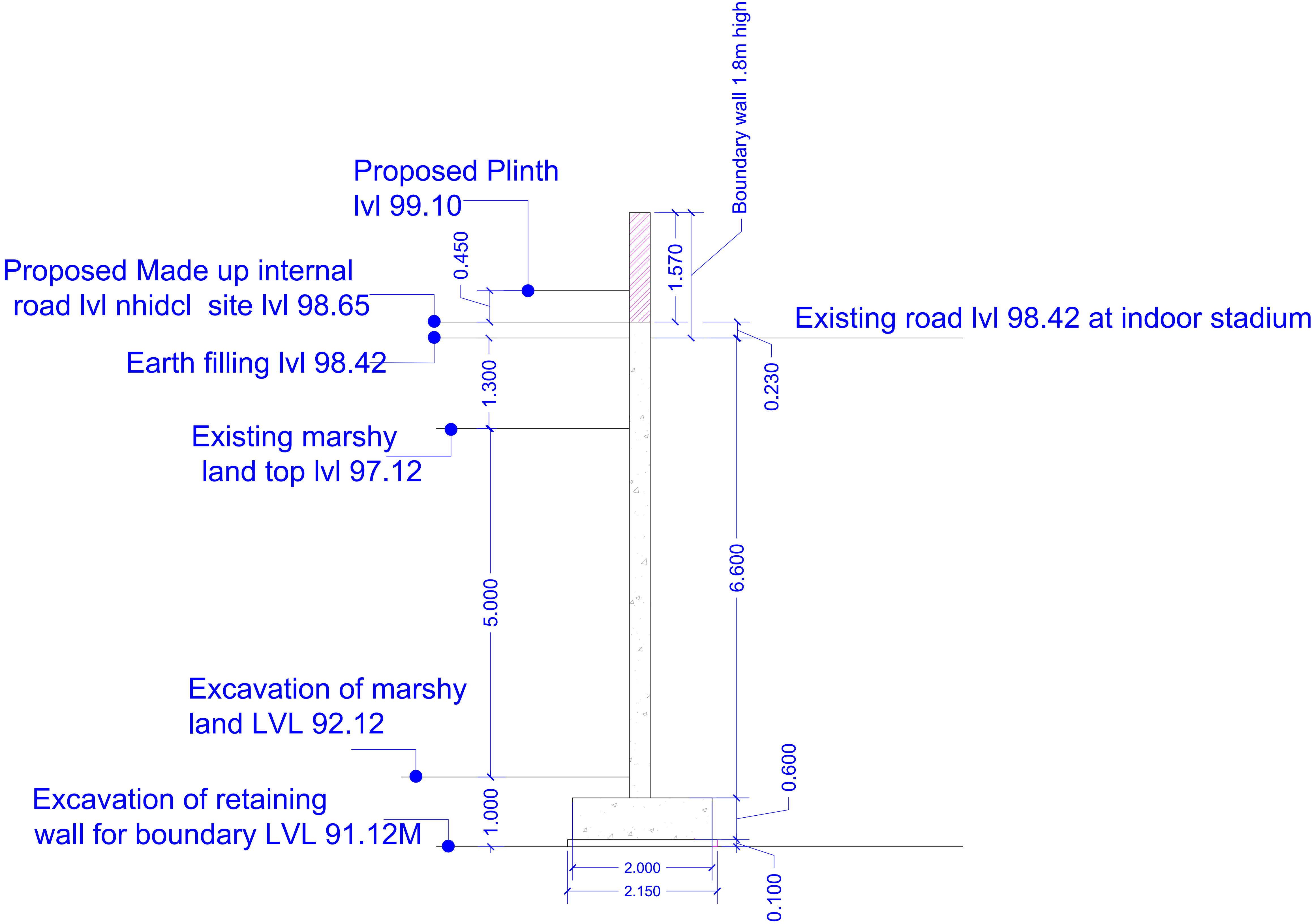


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creativeconsortium.india@gmail.com

SCALE:-	DATE:-21-01-2021
NAME:-	CHKD. BY:-

DRAWING TITLE:- SECTION OF RETAINING WALL	S.NO. 52
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PROJ NO=CC/NHIDCL/GUWAHATI/2017/456

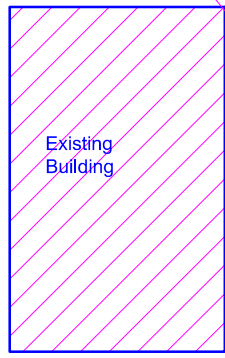


**SECTION OF RETAINING WALL AND LEVELS
AS PER SOIL BEARIN G REPORT**



RAILWAY LINE

EXISTING
BOUNDARY WALL WITH 15 M
DEEP PILE WITH RCC
COLUMN 10'-0" C/C SPACING



Existing
Building

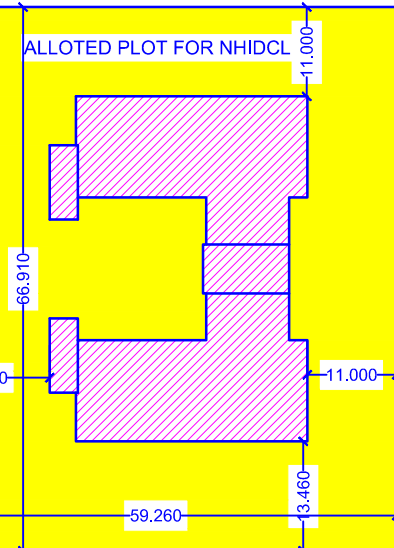
PLOT FOR GRAMIN
VIKAS BANK

VACANT LAND

10'-0" HIGH BOUNDARY
WALL WITH RETAINING
WALL ALL AROUND

PLOT FOR F.C.I.

ALLOTTED PLOT FOR NHIDCL



RAMP UP

RAMP UP

RAMP UP

APPROACH . ROAD 30.00 MTR WIDE

LOCATION PLAN

ARCHITECT'S SIGN.

OWNER'S SIGN.



PROJECT ARCHITECT
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SCALE:- DATE:-21-01-2021

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DRAWING TITLE:-
LOCATION PLAN

PROJ NO-CO/NHIDCL/GUWAHATI/2017/456