

A

B

C

D

E

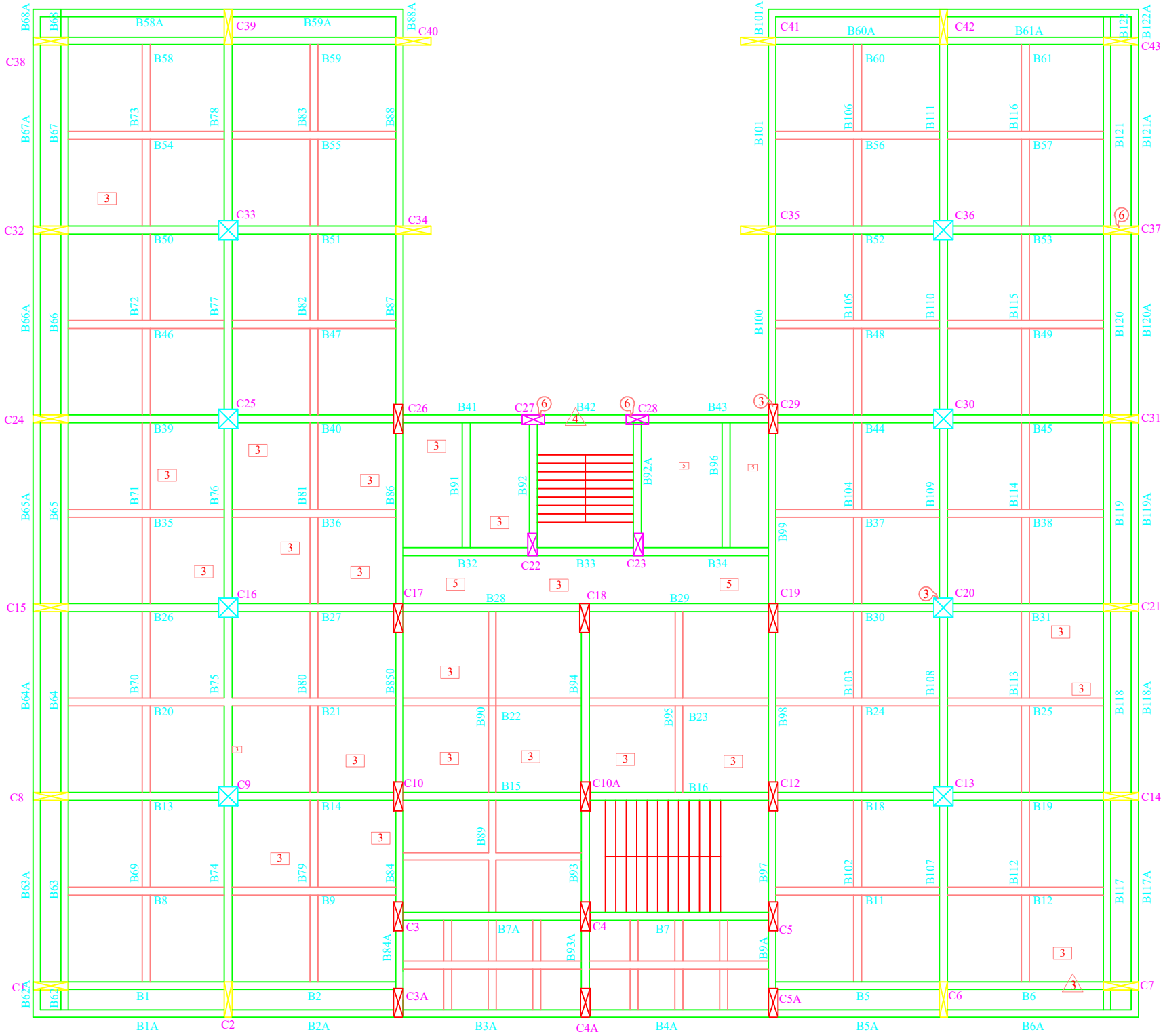
A

B

C

D

E



- COLUMN 900 x 300
- BEAM 250 X 500
- COLUMN 600 x 600
- BEAM 250 X 300
- COLUMN 250 x 1100
- COLUMN 300 x 700

GROUND FLOOR LAYOUT

DRAWING TITLE:- DISTRESS MAPPING DRAWING.			PROJECT:-LIC BUILDING AT PLOT NO. 54, SECTOR 11, CBD BELAPUR, NAVI MUMBAI, MAHARASHTRA 400614.		
CLIENT:- LIFE INSURANCE CORPORATION			STRUCTURAL CONSULTANT:- FEMSTRUCT CONSULTING ENGINEERS LLP. A1,304 KALPAK ESTATE,S.M.MARG, WADALA (EAST),MUMBAI (400 037) E-MAIL:-femstruct@gmail.com MOB. :-+91 9766447704		
DRAWN BY:	M.M.D	DATE :	31.01.2022	Sign Convention : 1- Distress in Slab :  2- Distress in Footing Pedestal :  3- Distress in Column :  4- Distress in Retaining Wall : 	
CHECKED BY:	A.P.R	DATE :	31.01.2022		
APPROVED BY:	G.P.R	DATE :	31.01.2022		
SCALE:	NTS	SHEET :	1		
DRG.NO:- FCEL/20-21/LIC/1:17		REV: R0			

LEVEL OF DISTRESS	
1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.	CRACK FILLING (CF)
2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.	CRACK FILLING + CORROSION TREATMENT (CF+CT)
3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.	POLYMER MODIFIED MORTAR (PMM 20mm)
4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.	POLYMER MODIFIED MORTAR (PMM 20mm)
5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.	POLYMER MODIFIED MORTAR (PMM 20mm-40mm)
6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.	MICRO CONCRETE (75 mm)
7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.	MICRO CONCRETE (75 mm)
8 - LEAKAGES, DAMPNES, SEEPAGE ETC.	GROUTING (EPoxy+cement base)
9 - HOLLOW SOUND/ AIR POCKETS.	REPLASTER

SIZE-A3

A

B

C

D

E

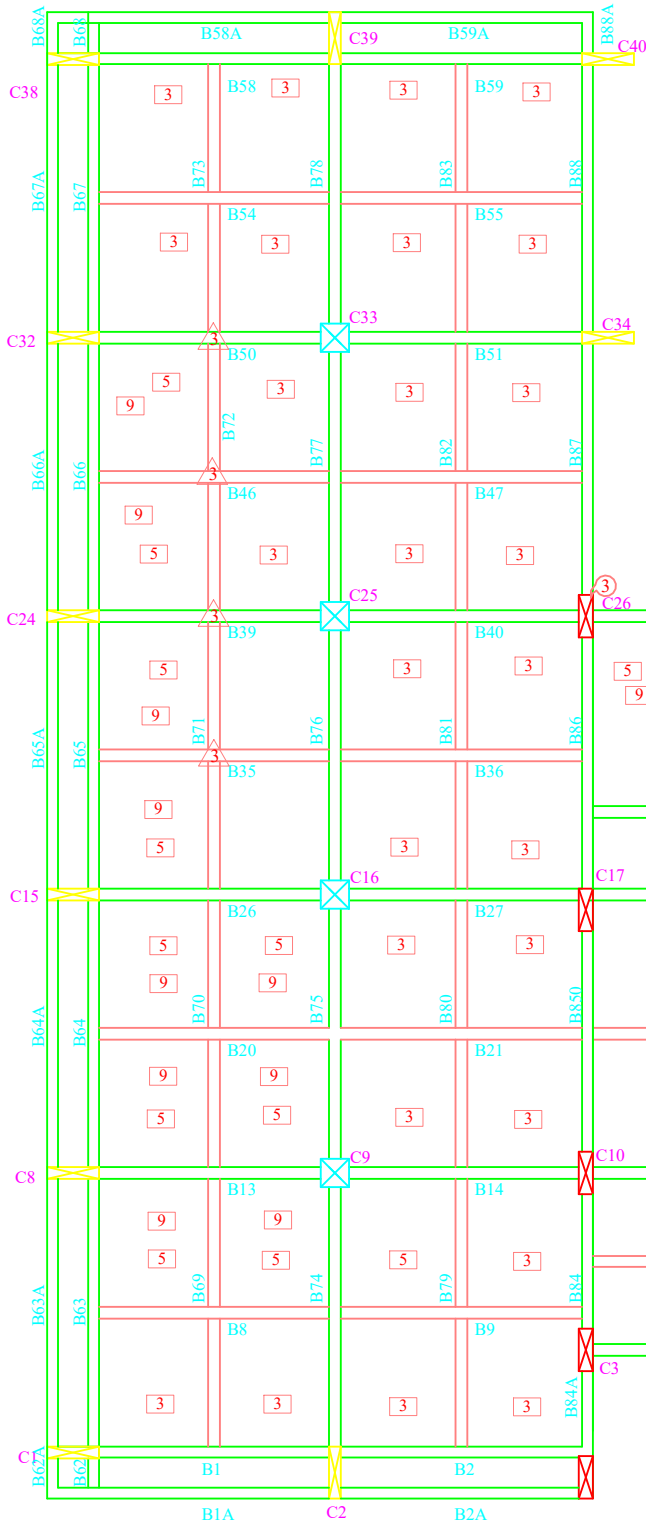
A

B

C

D

E



FIRST FLOOR

COLUMN 900 x 300

BEAM 250 X 500

COLUMN 600 x 600

BEAM 250 X 300

COLUMN 300 x 1100

COLUMN 300 x 700

DRAWING TITLE:- DISTRESS MAPPING DRAWING.			PROJECT:-LIC BUILDING AT PLOT NO. 54, SECTOR 11, CBD BELAPUR, NAVI MUMBAI, MAHARASHTRA 400614.	
CLIENT:- LIFE INSURANCE CORPORATION				
DRAWN BY:	M.M.D	DATE :	31.01.2022	STRUCTURAL CONSULTANT:- FEMSTRUCT CONSULTING ENGINEERS LLP. A1,304 KALPAK ESTATE,S.M.MARG, WADALA (EAST),MUMBAI (400 037) E-MAIL:-femstruct@gmail.com MOB. :-+91 9766447704 
CHECKED BY:	A.P.R	DATE :	31.01.2022	
APPROVED BY:	G.P.R	DATE :	31.01.2022	
SCALE:	NTS	SHEET :	2	
DRG.NO:- FCEL/20-21/LIC/2:17			REV: R0	

Sign Convention :	
1- Distress in Slab :	
2- Distress in Footing Pedestal :	
3- Distress in Column :	
4- Distress in Retaining Wall :	
CF - CRACK FILLING CT - CORROSION TREATMENT ReP - REPLASTER PMM -	

LEVEL OF DISTRESS	
1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.	CF
2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.	CF + CT
3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.	PMM (20 mm)
4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.	PMM (20 mm)
5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.	PMM (20 mm+ 40 mm)
6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.	MICRO CONCRETE (75 mm)
7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.	MICRO CONCRETE (75 mm)
8 - LEAKAGES, DAMPNESS, SEEPAGE ETC.	
9 - HOLLOW SOUND/ AIR POCKETS.	PAINTING

SIZE-A3

A

B

C

D

E

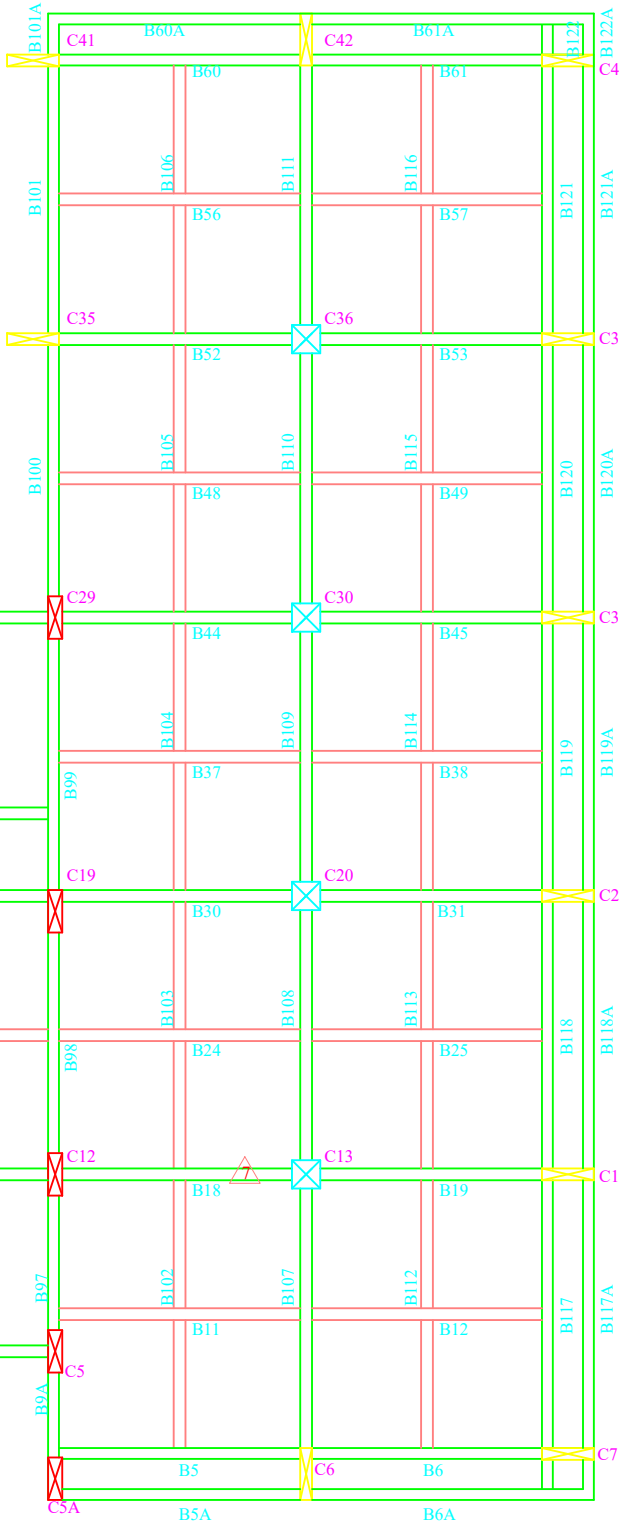
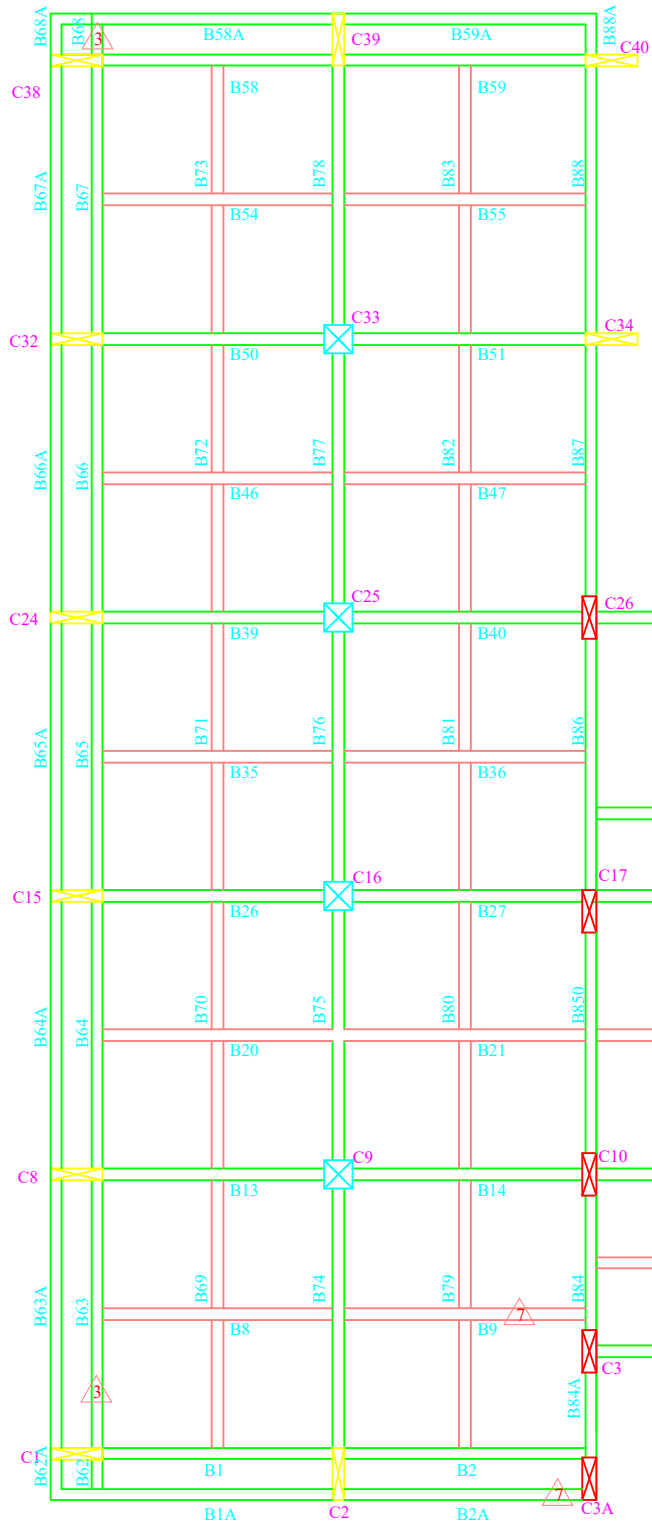
A

B

C

D

E



COLUMN 900 x 300

BEAM 250 X 500

COLUMN 600 x 600

BEAM 250 X 300

COLUMN 300 x 1100

COLUMN 300 x 700

SECOND FLOOR

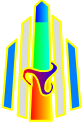
DRAWING TITLE:- DISTRESS MAPPING DRAWING.

CLIENT:- LIFE INSURANCE CORPORATION

DRAWN BY:	M.M.D	DATE :	31.01.2022
CHECKED BY:	A.P.R	DATE :	31.01.2022
APPROVED BY:	G.P.R	DATE :	31.01.2022
SCALE:	NTS	SHEET :	3

DRG.NO:- FCEL/20-21/LIC/3:17 REV: R0

PROJECT:-LIC BUILDING AT PLOT NO. 54,
SECTOR 11, CBD BELAPUR, NAVI MUMBAI,
MAHARASHTRA 400614.



STRUCTURAL CONSULTANT:-
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E-MAIL:-femstruct@gmail.com
MOB. :-+91 9766447704

Sign Convention :

1- Distress in Slab :

2- Distress in Footing Pedestal :

3- Distress in Column :

4- Distress in Retaining Wall :

CF - CRACK FILLING
CT - CORROSION TREATMENT
ReP - REPLASTER
PMM -



LEVEL OF DISTRESS

1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.	CF
2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.	CF + CT
3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.	PMM (20 mm)
4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.	PMM (20 mm)
5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.	PMM (20 mm+ 40 mm)
6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.	MICRO CONCRETE (75 mm)
7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.	MICRO CONCRETE (75 mm)
8 - LEAKAGES, DAMPNES, SEEPAGE ETC.	
9 - HOLLOW SOUND/ AIR POCKETS.	PAINTING

SIZE-A3

A

B

C

D

E

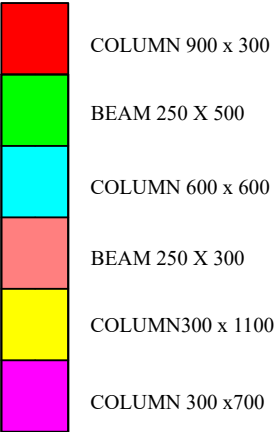
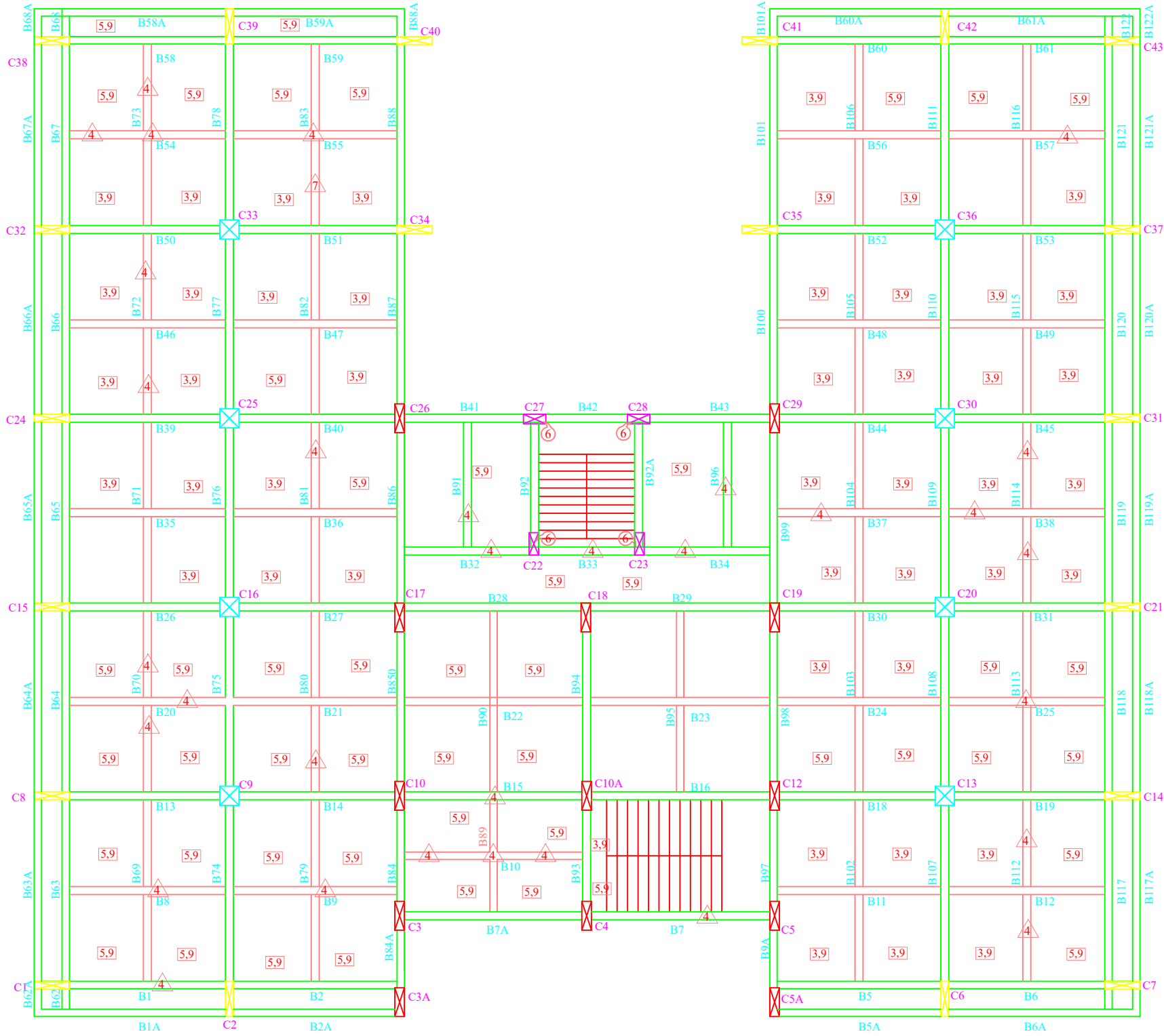
A

B

C

D

E



THIRD FLOOR

DRAWING TITLE:- DISTRESS MAPPING DRAWING.

CLIENT:- LIFE INSURANCE CORPORATION

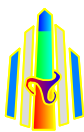
DRAWN BY:	M.M.D	DATE :	31.01.2022
CHECKED BY:	A.P.R	DATE :	31.01.2022
APPROVED BY:	G.P.R	DATE :	31.01.2022
SCALE:	NTS	SHEET :	4

DRG.NO:- FCEL/20-21/LIC/4:17

REV: R0

PROJECT:-LIC BUILDING AT PLOT NO. 54,
SECTOR 11, CBD BELAPUR, NAVI MUMBAI,
MAHARASHTRA 400614.

STRUCTURAL CONSULTANT:-
FEMSTRUCT
CONSULTING ENGINEERS LLP.
A1,304 KALPAK ESTATE,S.M.MARG,
WADALA (EAST),MUMBAI (400 037)
E-MAIL:-femstruct@gmail.com
MOB. :-+91 9766447704



Sign Convention :

1- Distress in Slab :

2- Distress in Footing Pedestal :

3- Distress in Column :

4- Distress in Retaining Wall :



CF - CRACK FILLING
CT - CORROSION TREATMENT
ReP - REPLASTER
PMM -

LEVEL OF DISTRESS

1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.	CF
2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.	CF + CT
3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.	PMM (20 mm)
4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.	PMM (20 mm)
5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.	PMM (20 mm+ 40 mm)
6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.	MICRO CONCRETE (75 mm)
7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.	MICRO CONCRETE (75 mm)
8 - LEAKAGES, DAMPNES, SEEPAGE ETC.	
9 - HOLLOW SOUND/ AIR POCKETS.	PAINTING

SIZE-A3

A

B

C

D

E

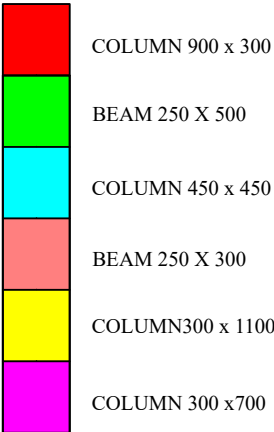
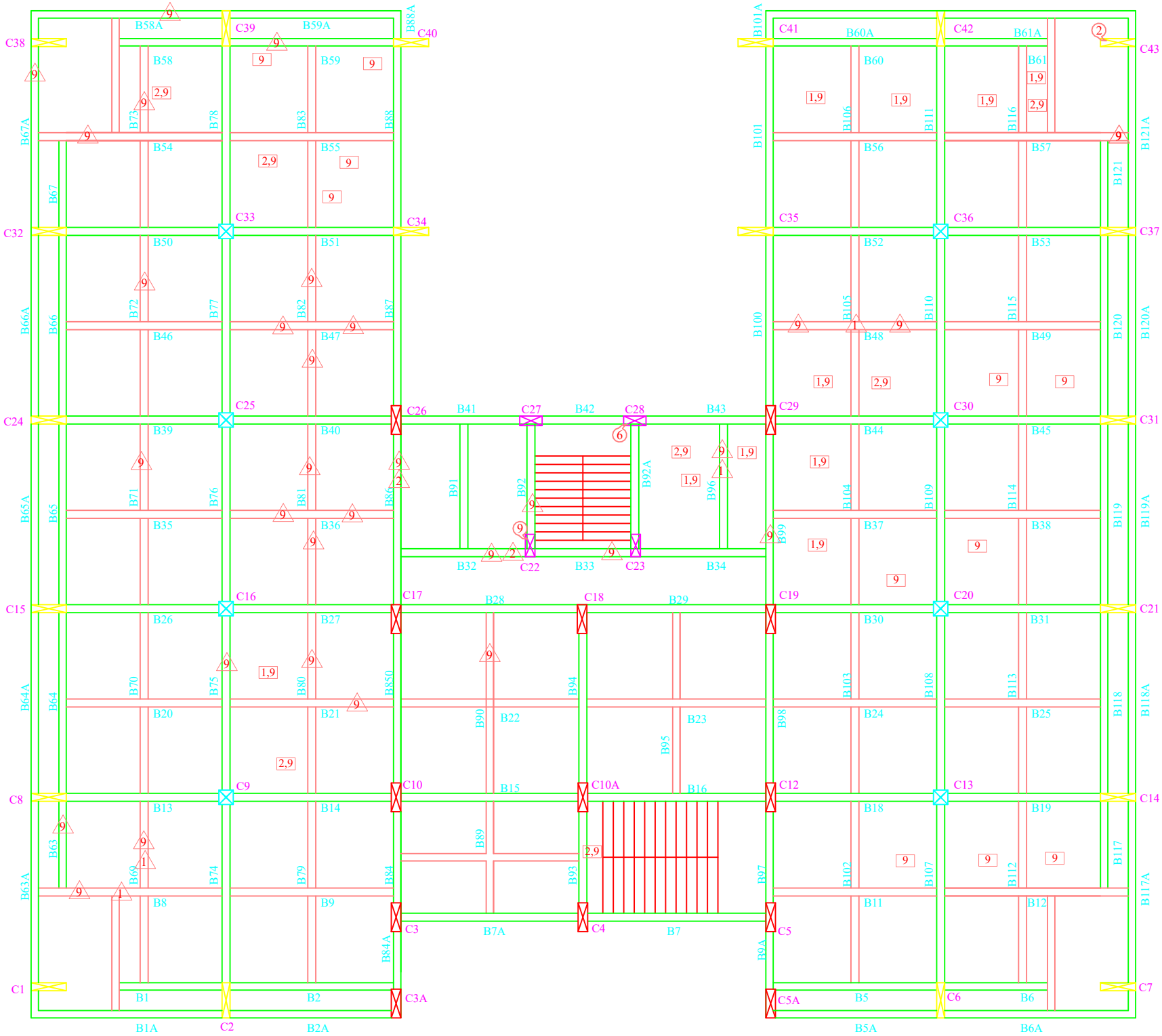
A

B

C

D

E



FOURTH FLOOR

DRAWING TITLE:- DISTRESS MAPPING DRAWING.

CLIENT:- LIFE INSURANCE CORPORATION

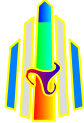
DRAWN BY:	M.M.D	DATE :	31.01.2022
CHECKED BY:	A.P.R	DATE :	31.01.2022
APPROVED BY:	G.P.R	DATE :	31.01.2022
SCALE:	NTS	SHEET :	5

DRG.NO:- FCEL/20-21/LIC/5:17

REV: R0

PROJECT:-LIC BUILDING AT PLOT NO. 54,
SECTOR 11, CBD BELAPUR, NAVI MUMBAI,
MAHARASHTRA 400614.

STRUCTURAL CONSULTANT:-
FEMSTRUCT
CONSULTING ENGINEERS LLP.
A1,304 KALPAK ESTATE,S.M.MARG,
WADALA (EAST),MUMBAI (400 037)
E-MAIL:-femstruct@gmail.com
MOB. :-+91 9766447704



Sign Convention :

1- Distress in Slab :

2- Distress in Footing Pedestal :

3- Distress in Column :

4- Distress in Retaining Wall :



CF - CRACK FILLING
CT - CORROSION TREATMENT
ReP - REPLASTER
PMM -

LEVEL OF DISTRESS

1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.	CF
2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.	CF + CT
3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.	PMM (20 mm)
4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.	PMM (20 mm)
5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.	PMM (20 mm+ 40 mm)
6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.	MICRO CONCRETE (75 mm)
7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.	MICRO CONCRETE (75 mm)
8 - LEAKAGES, DAMPNES, SEEPAGE ETC.	
9 - HOLLOW SOUND/ AIR POCKETS.	PAINTING

SIZE-A3

A

B

C

D

E

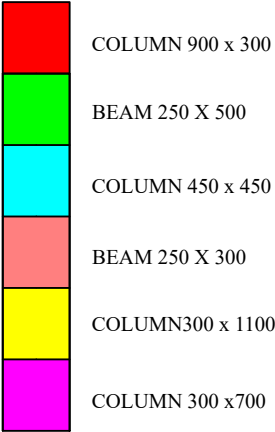
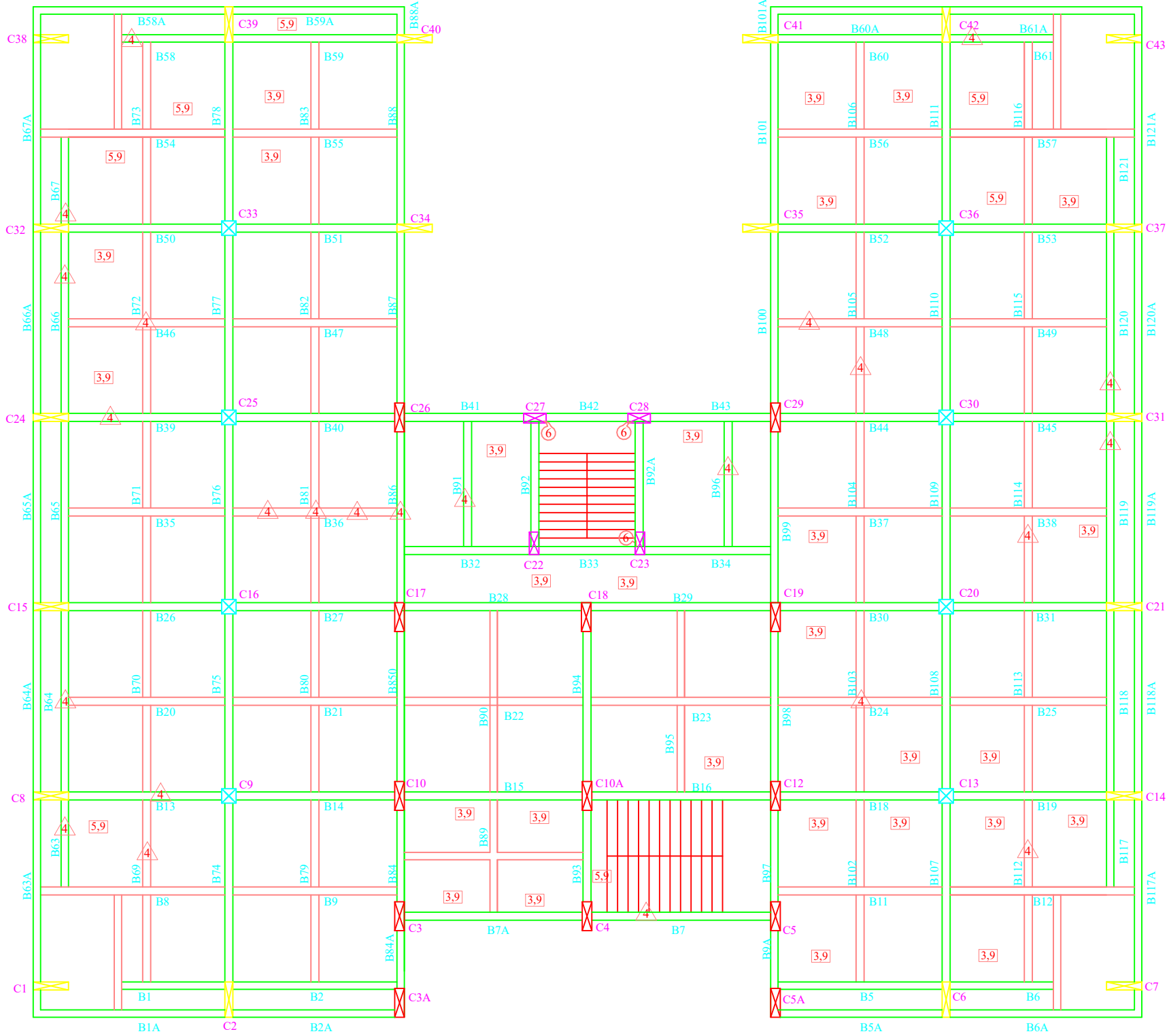
A

B

C

D

E



FIFTH FLOOR

DRAWING TITLE:- DISTRESS MAPPING DRAWING.

CLIENT:- LIFE INSURANCE CORPORATION

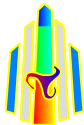
DRAWN BY:	M.M.D	DATE :	31.01.2022
CHECKED BY:	A.P.R	DATE :	31.01.2022
APPROVED BY:	G.P.R	DATE :	31.01.2022
SCALE:	NTS	SHEET :	6

DRG.NO:- FCEL/20-21/LIC/6:17

REV: R0

PROJECT:-LIC BUILDING AT PLOT NO. 54,
SECTOR 11, CBD BELAPUR, NAVI MUMBAI,
MAHARASHTRA 400614.

STRUCTURAL CONSULTANT:-
FEMSTRUCT
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A1,304 KALPAK ESTATE,S.M.MARG,
WADALA (EAST),MUMBAI (400 037)
E-MAIL:-femstruct@gmail.com
MOB. :-+91 9766447704



Sign Convention :

1- Distress in Slab :

2- Distress in Footing Pedestal :

3- Distress in Column :

4- Distress in Retaining Wall :



CF - CRACK FILLING
CT - CORROSION TREATMENT
ReP - REPLASTER
PMM -

LEVEL OF DISTRESS

1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.	CF
2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.	CF + CT
3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.	PMM (20 mm)
4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.	PMM (20 mm)
5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.	PMM (20 mm+ 40 mm)
6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.	MICRO CONCRETE (75 mm)
7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.	MICRO CONCRETE (75 mm)
8 - LEAKAGES, DAMPNESS, SEEPAGE ETC.	
9 - HOLLOW SOUND/ AIR POCKETS.	PAINTING

SIZE-A3

A

B

C

D

E

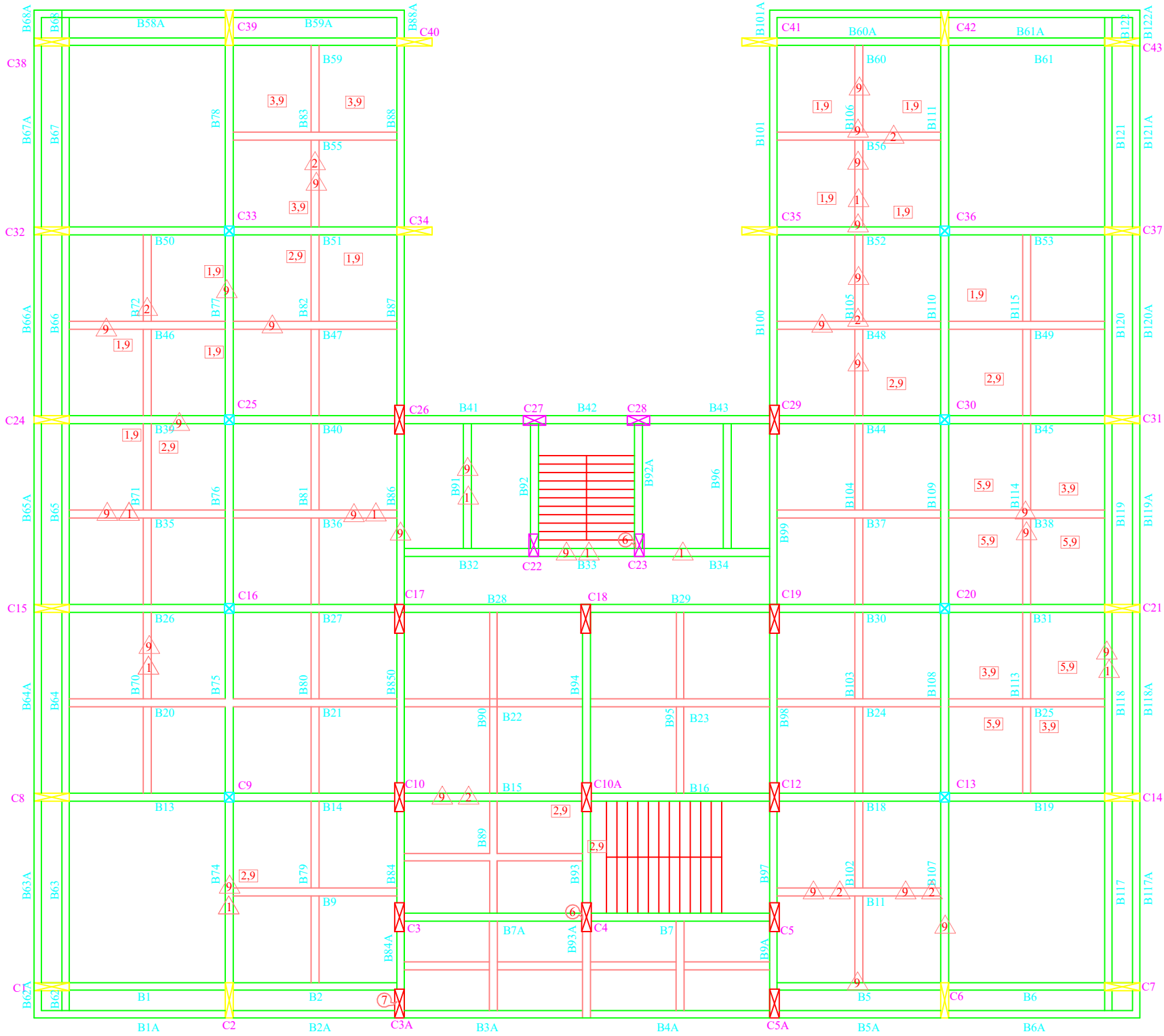
A

B

C

D

E



COLUMN 900 x 300

BEAM 250 X 500

COLUMN 300 x 300

BEAM 250 X 300

COLUMN 300 x 1100

COLUMN 300 x 700

SIXTH FLOOR

DRAWING TITLE:-- DISTRESS MAPPING DRAWING.			PROJECT:--LIC BUILDING AT PLOT NO. 54, SECTOR 11, CBD BELAPUR, NAVI MUMBAI, MAHARASHTRA 400614.			Sign Convention : 1- Distress in Slab : 2- Distress in Footing Pedestal : 3- Distress in Column : 4- Distress in Retaining Wall : CF - CRACK FILLING CT - CORROSION TREATMENT ReP - REPLASTER PMM -			LEVEL OF DISTRESS				
CLIENT:-- LIFE INSURANCE CORPORATION													
DRAWN BY:	M.M.D	DATE :	31.01.2022	STRUCTURAL CONSULTANT:-- FEMSTRUCT CONSULTING ENGINEERS LLP. A1,304 KALPAK ESTATE,S.M.MARG, WADALA (EAST),MUMBAI (400 037) E-MAIL:-femstruct@gmail.com MOB. :-+91 9766447704						1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.			CF
CHECKED BY:	A.P.R	DATE :	31.01.2022							2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.			CF + CT
APPROVED BY:	G.P.R	DATE :	31.01.2022							3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.			PMM (20 mm)
SCALE:	NTS	SHEET :	7							4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.			PMM (20 mm)
DRG.NO:- FCEL/20-21/LIC/7:17			REV: R0							5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.			PMM (20 mm+ 40 mm)
										6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.			MICRO CONCRETE (75 mm)
										7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.			MICRO CONCRETE (75 mm)
										8 - LEAKAGES, DAMPNES, SEEPAGE ETC.			
										9 - HOLLOW SOUND/ AIR POCKETS.			PAINTING

SIZE-A3

A

B

C

D

E

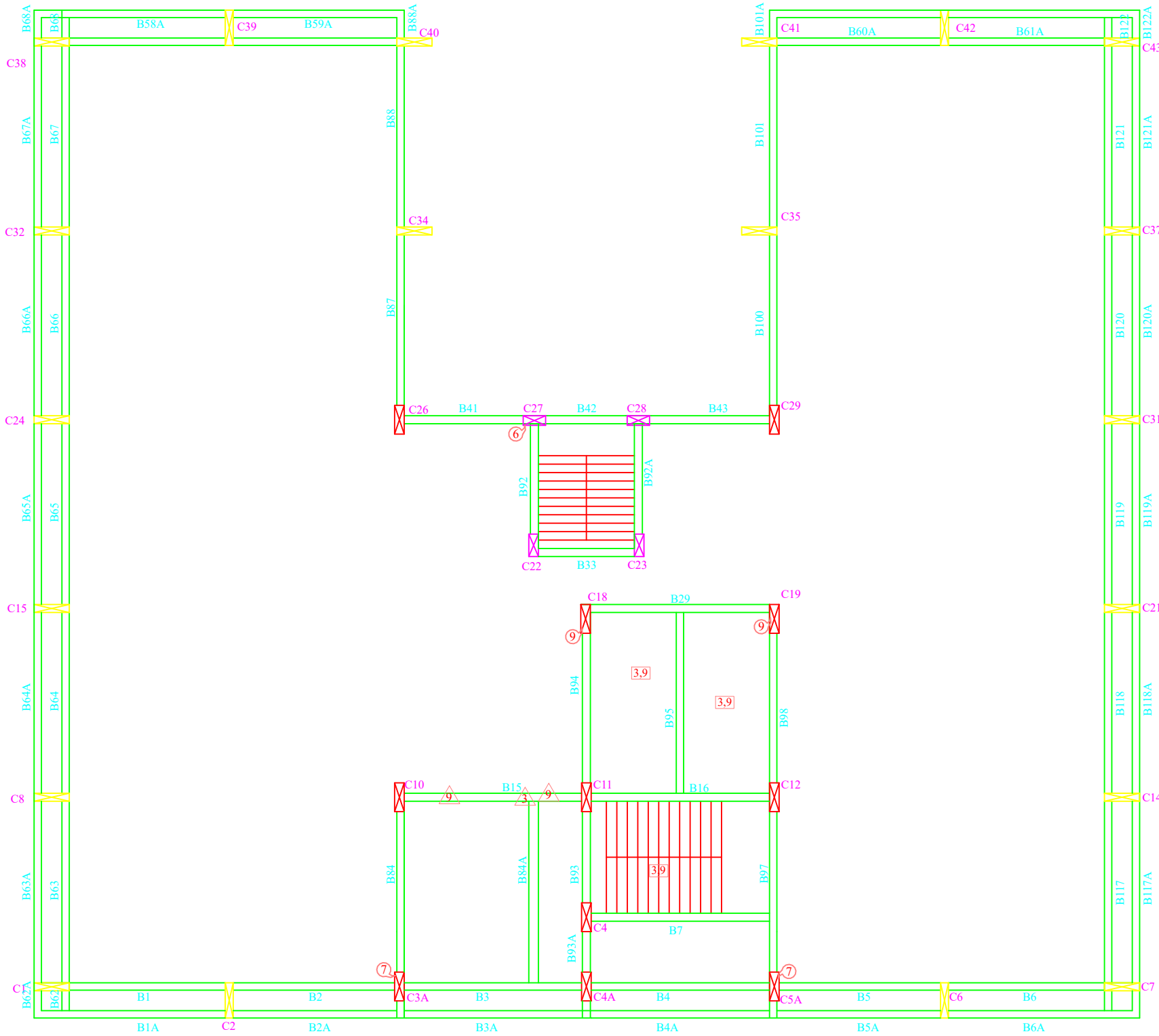
A

B

C

D

E



TERRACE FLOOR

DRAWING TITLE:- DISTRESS MAPPING DRAWING.

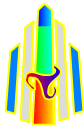
CLIENT:- LIFE INSURANCE CORPORATION

DRAWN BY:	M.M.D	DATE :	31.01.2022
CHECKED BY:	A.P.R	DATE :	31.01.2022
APPROVED BY:	G.P.R	DATE :	31.01.2022
SCALE:	NTS	SHEET :	8

DRG.NO:- FCEL/20-21/LIC/8:17 REV: R0

PROJECT:-LIC BUILDING AT PLOT NO. 54,
SECTOR 11, CBD BELAPUR, NAVI MUMBAI,
MAHARASHTRA 400614.

STRUCTURAL CONSULTANT:-
FEMSTRUCT
CONSULTING ENGINEERS LLP.
A1,304 KALPAK ESTATE,S.M.MARG,
WADALA (EAST),MUMBAI (400 037)
E-MAIL:-femstruct@gmail.com
MOB. :-+91 9766447704



Sign Convention :

1- Distress in Slab :

2- Distress in Footing Pedestal :

3- Distress in Column :

4- Distress in Retaining Wall :



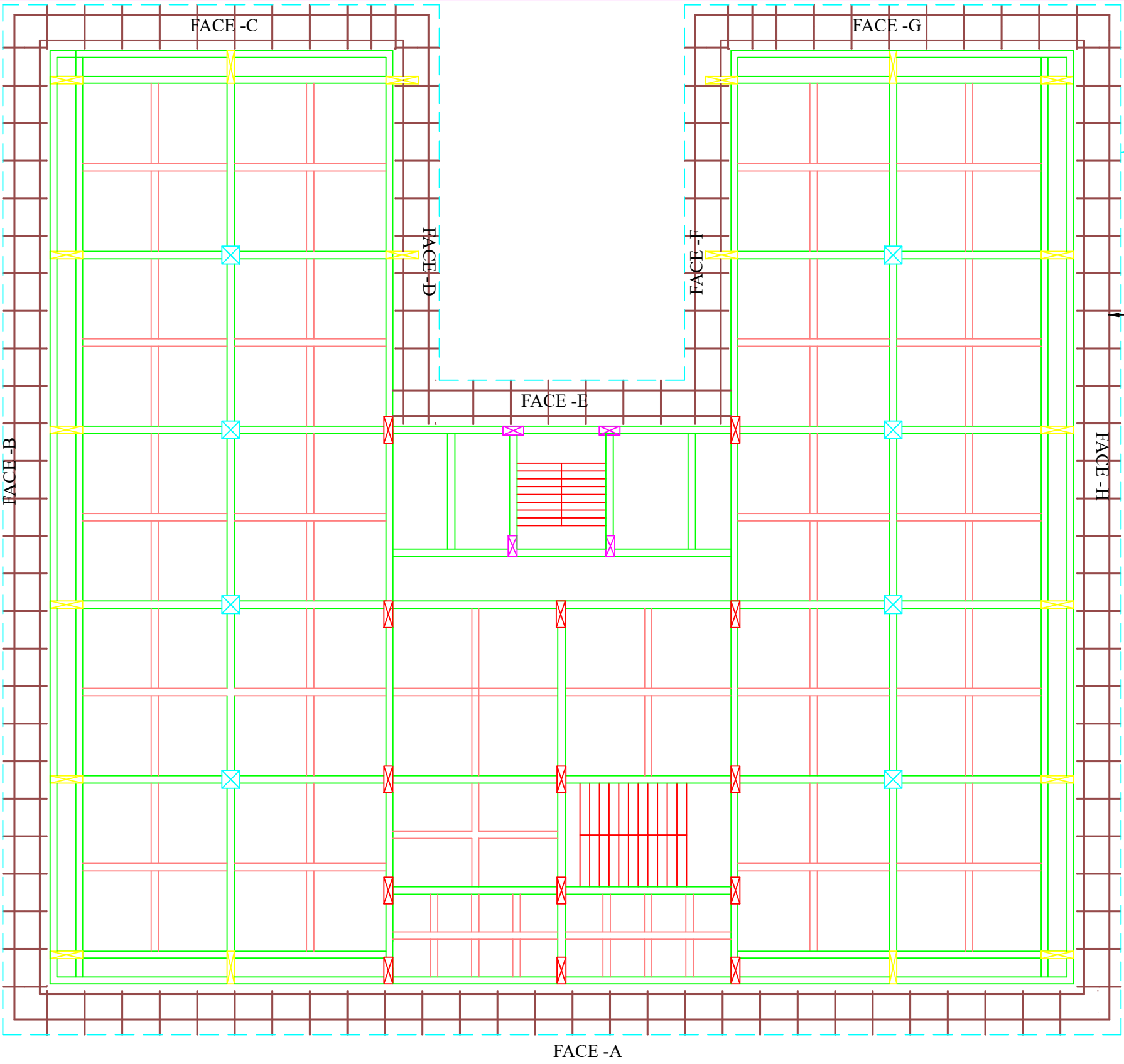
CF - CRACK FILLING
CT - CORROSION TREATMENT
ReP - REPLASTER
PMM - POLY METHYL METHACRYLATE

LEVEL OF DISTRESS

1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.	CF
2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.	CF + CT
3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.	PMM (20 mm)
4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.	PMM (20 mm)
5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.	PMM (20 mm+ 40 mm)
6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.	MICRO CONCRETE (75 mm)
7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.	MICRO CONCRETE (75 mm)
8 - LEAKAGES, DAMPNES, SEEPAGE ETC.	
9 - HOLLOW SOUND/ AIR POCKETS.	PAINTING

SIZE-A3

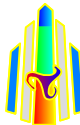
A
B
C
D
E



JUTE KANTAN (TARAT)
&
FIXING NYLON SAFETY NET

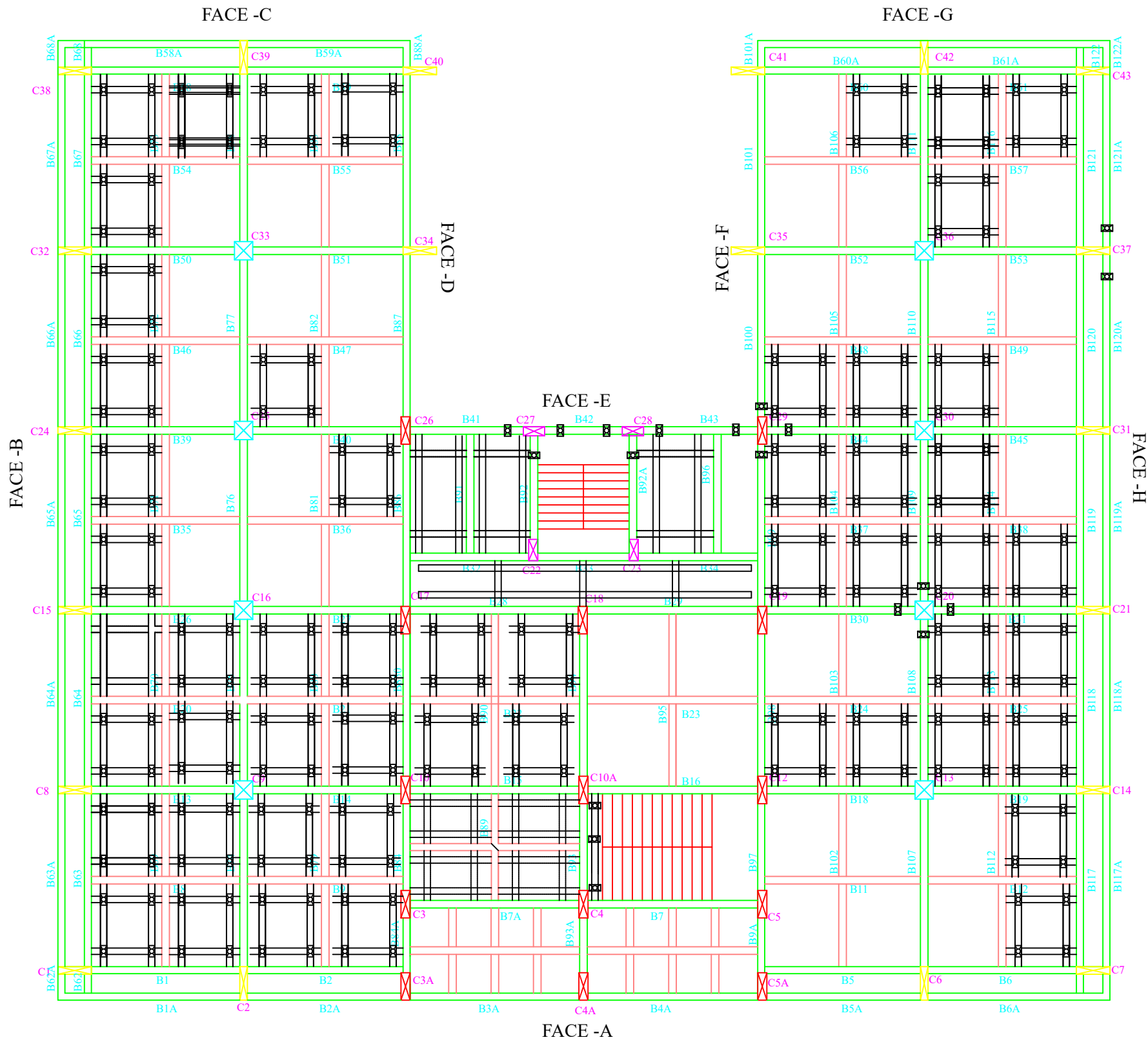
SCAFFOLDING

GROUND FLOOR TO TERRACE FLOOR SCAFFOLDING & LAYOUT

DRAWING TITLE:- SAFETY PLAN			PROJECT:-LIC BUILDING AT PLOT NO. 54, SECTOR 11, CBD BELAPUR, NAVI MUMBAI, MAHARASHTRA 400614.	
CLIENT:- LIFE INSURANCE CORPORATION				
DRAWN BY:	M.M.D	DATE :	31.01.2022	 STRUCTURAL CONSULTANT:- FEMSTRUCT CONSULTING ENGINEERS LLP. A1,304 KALPAK ESTATE,S.M.MARG, WADALA (EAST),MUMBAI (400 037) E-MAIL:-femstruct@gmail.com MOB. :-+91 9766447704
CHECKED BY:	A.P.R	DATE :	31.01.2022	
APPROVED BY:	G.P.R	DATE :	31.01.2022	
SCALE:	NTS	SHEET :	9	
DRG.NO:- FCEL/20-21/LIC/9:17			REV: R0	

SIZE-A3

A
B
C
D
E

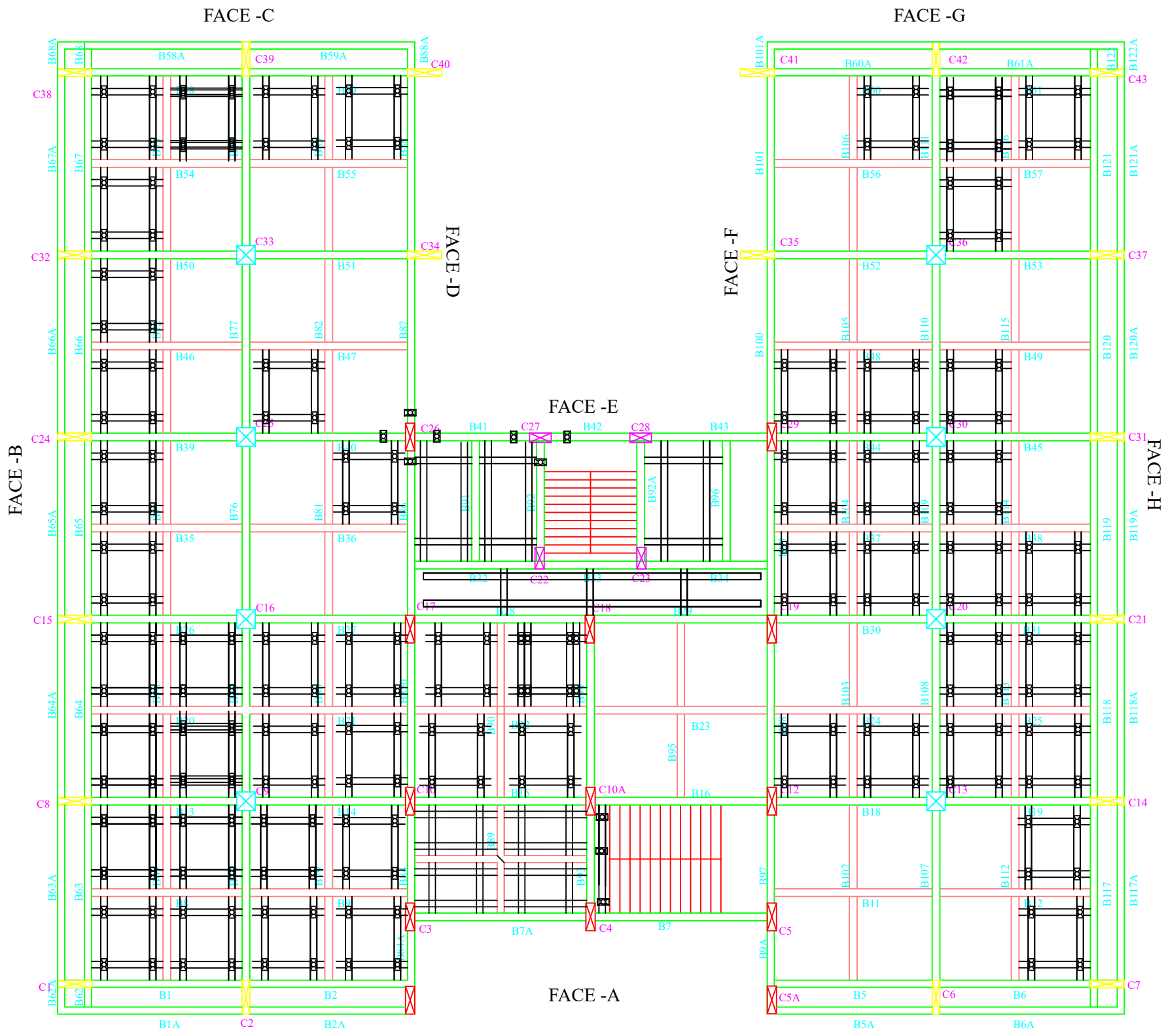


	COLUMN 900 x 300
	BEAM 250 X 500
	COLUMN 600 x 600
	BEAM 250 X 300
	COLUMN 250 x 1100
	COLUMN 300 x 700

DRAWING TITLE:- PROPPING PLAN			PROJECT:-LIC BUILDING AT PLOT NO. 54, SECTOR 11, CBD BELAPUR, NAVI MUMBAI, MAHARASHTRA 400614.																				
CLIENT:- LIFE INSURANCE CORPORATION			STRUCTURAL CONSULTANT:- FEMSTRUCT CONSULTING ENGINEERS LLP. A1,304 KALPAK ESTATE,S.M.MARG, WADALA (EAST),MUMBAI (400 037) E-MAIL:-femstruct@gmail.com MOB. :-+91 9766447704																				
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SCALE:	NTS	SHEET :	10																				
DRG.NO:- FCEL/20-21/LIC/10:17		REV: R0																					

SIZE-A3

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COLUMN 900 x 300

BEAM 250 X 500

COLUMN 600 x 600

BEAM 250 X 300

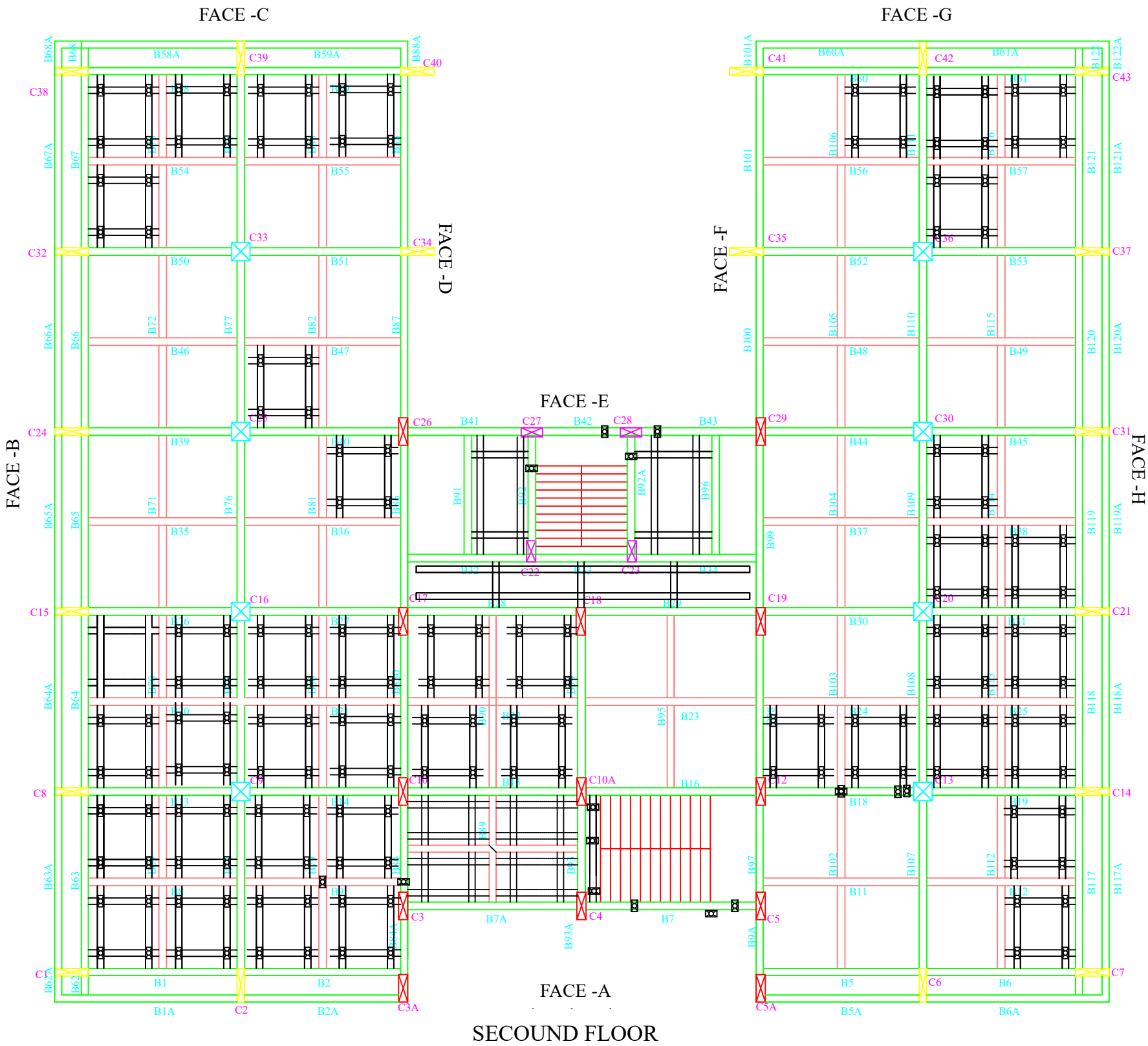
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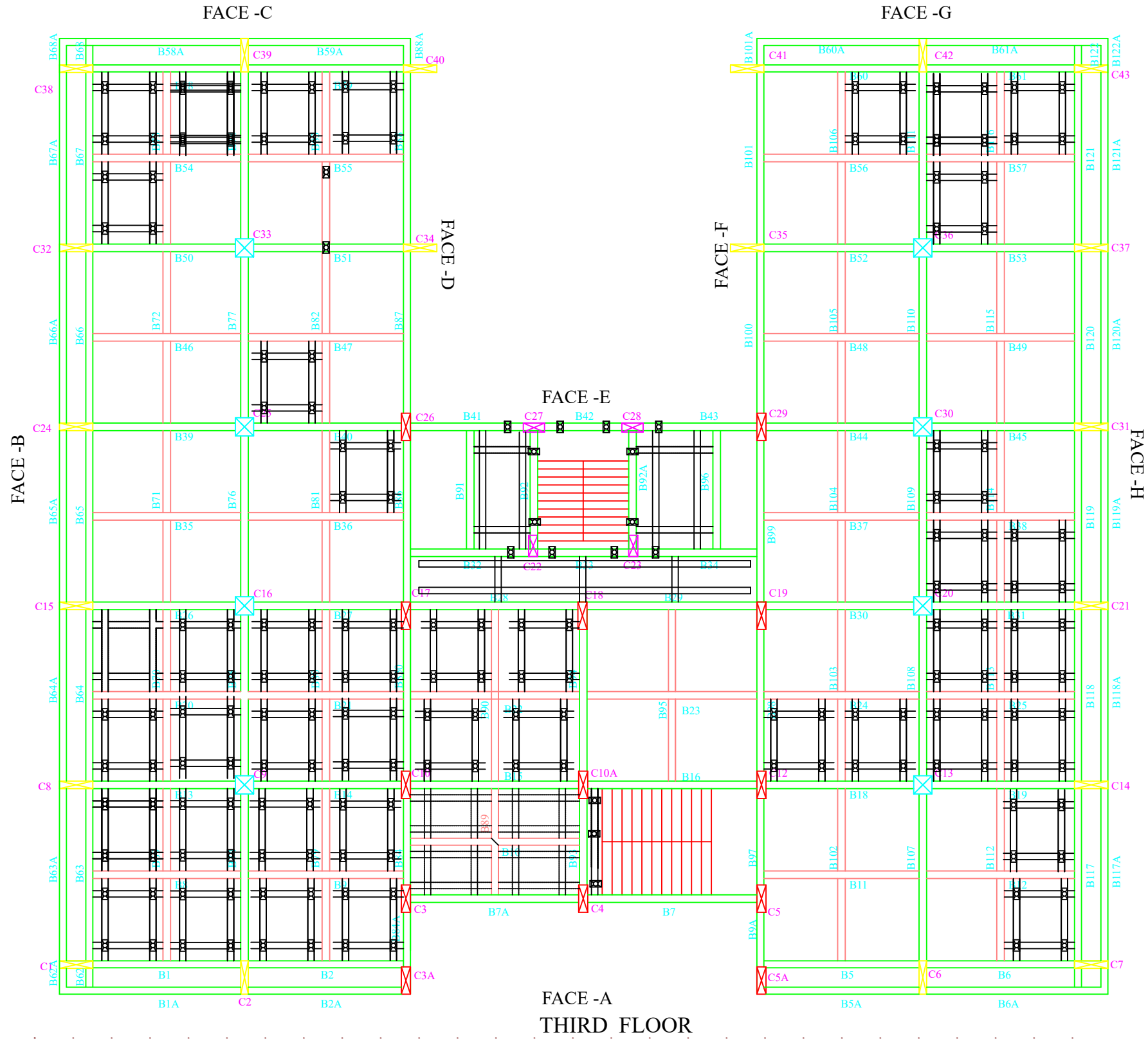


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SIZE-A3

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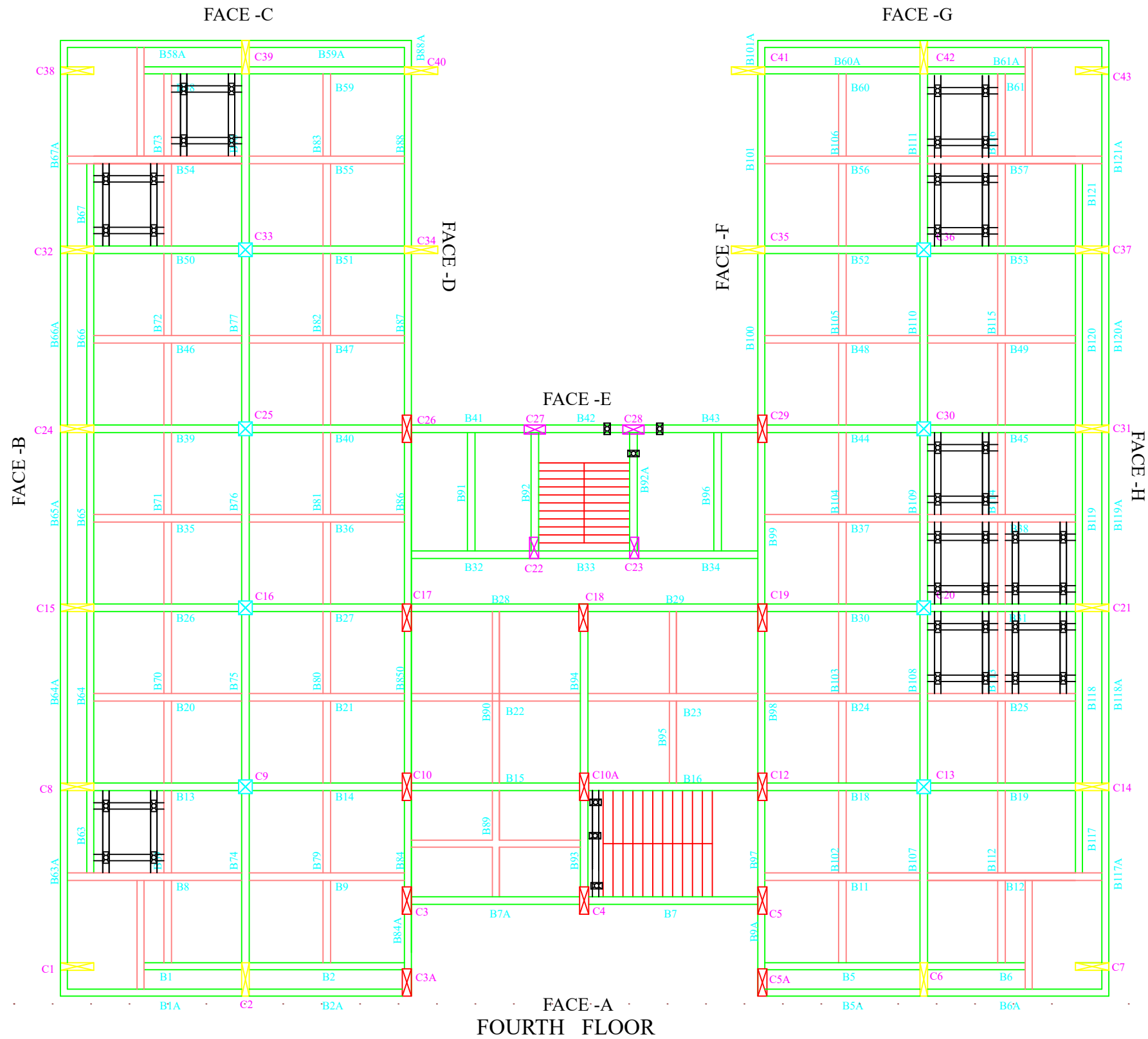


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SIZE-A3

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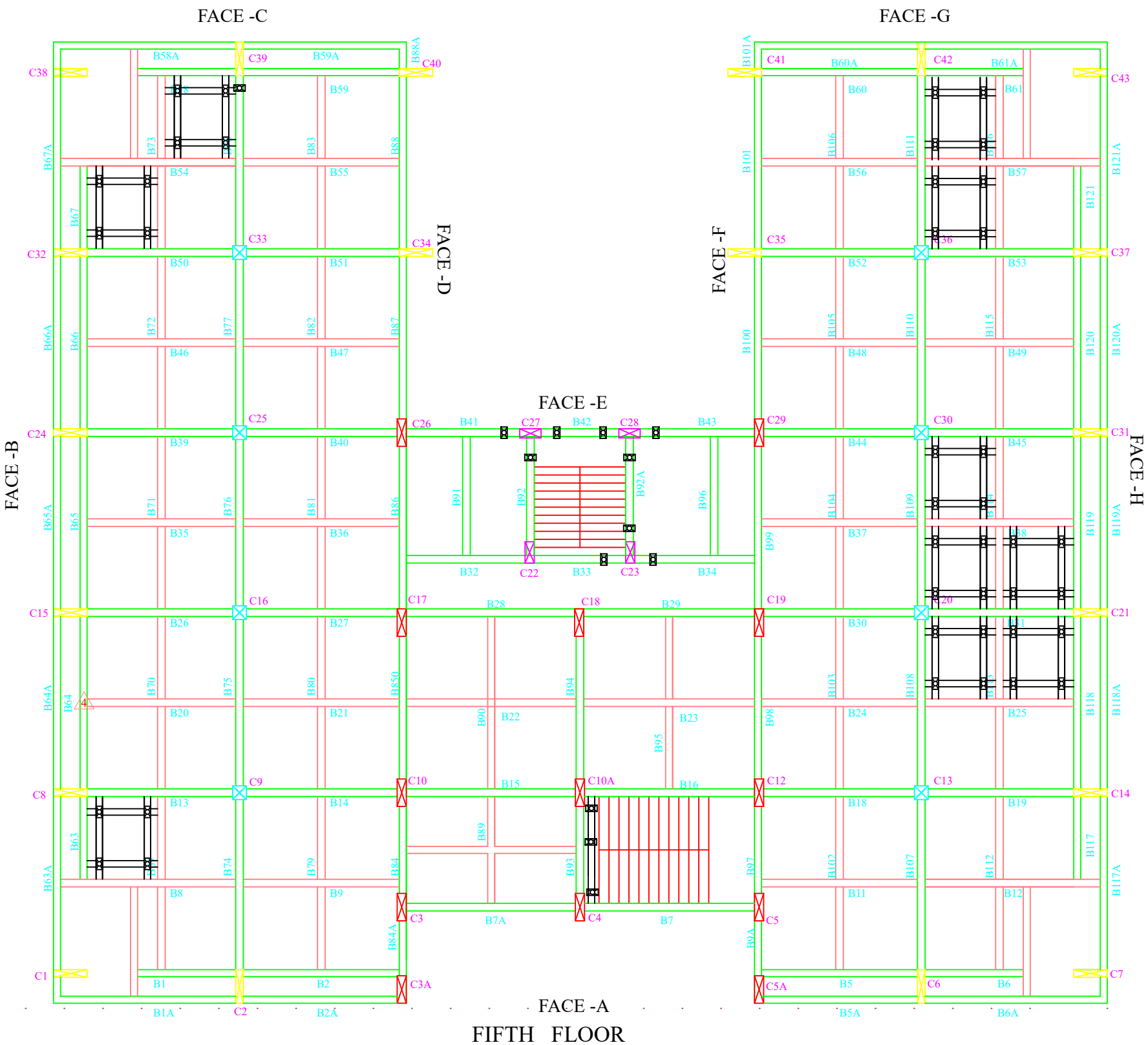
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D

E

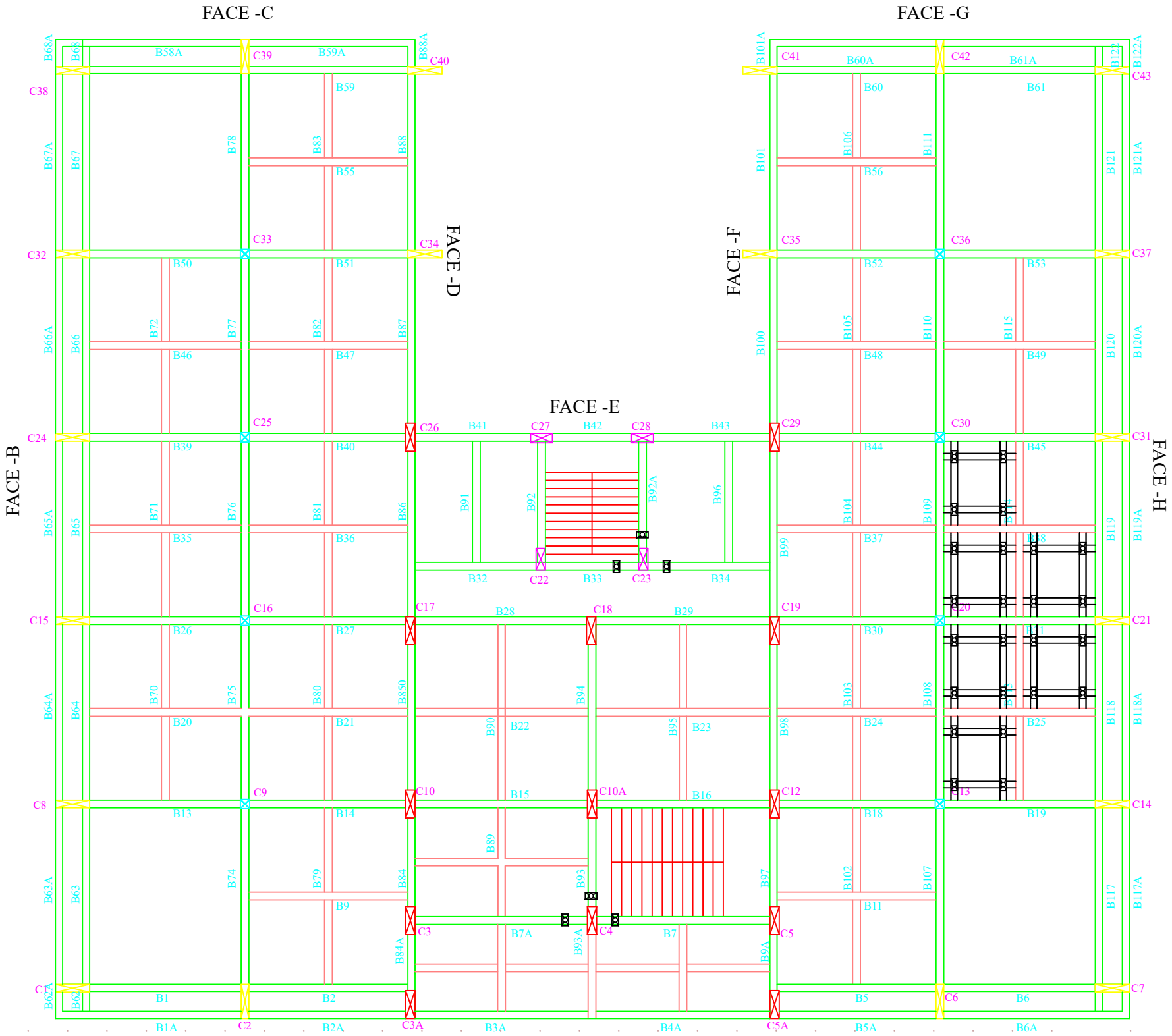
A

B

C

D

E



SIXTH FLOOR

	COLUMN 900 x 300
	BEAM 250 X 500
	COLUMN 300 x 300
	BEAM 250 X 300
	COLUMN 300 x 1100
	COLUMN 300 x 700

DRAWING TITLE:- PROPPING PLAN

CLIENT:- LIFE INSURANCE CORPORATION

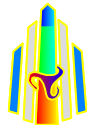
DRAWN BY:	M.M.D	DATE :	31.01.2022
CHECKED BY:	A.P.R	DATE :	31.01.2022
APPROVED BY:	G.P.R	DATE :	31.01.2022
SCALE:	NTS	SHEET :	16

DRG.NO:- FCEL/20-21/LIC/16:17

REV: R0

PROJECT:-LIC BUILDING AT PLOT NO. 54,
SECTOR 11, CBD BELAPUR, NAVI MUMBAI,
MAHARASHTRA 400614.

STRUCTURAL CONSULTANT:-
FEMSTRUCT
CONSULTING ENGINEERS LLP.
A1,304 KALPAK ESTATE,S.M.MARG,
WADALA (EAST),MUMBAI (400 037)
E-MAIL:-femstruct@gmail.com
MOB. :-+91 9766447704



Sign Convention :

1- Distress in Slab :

2- Distress in Footing Pedestal :

3- Distress in Column :

4- Distress in Retaining Wall :



LEVEL OF DISTRESS

1 - MINOR CRACKS TO PLASTER/JUNCTION CRACKS.	CRACK FILLING (CF)
2 - MINOR CRACKS TO STRUCTURAL MEMBER ALONG WITH CRACKS TO PLASTER.	CRACK FILLING + CORROSION TREATMENT (CF+CT)
3 - MAJOR CORROSION CRACKS TO STRUCTURAL MEMBER/ COVER CONCRETE SPALLED IN PATCHES.	POLYMER MODIFIED MORTAR (PMM 20mm)
4 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED AT FEW LOCATIONS.	POLYMER MODIFIED MORTAR (PMM 20mm)
5 - COVER CONCRETE SPALLED & REINFORCEMENT EXPOSED/ CORRODED AT MAJORITY OF LOCATIONS.	POLYMER MODIFIED MORTAR (PMM 20mm-40mm)
6 - STRUCTURAL MEMBER BROKEN, COVER CONCRETE FALLEN & REINFORCEMENT BROKEN ALSO.	MICRO CONCRETE (75 mm)
7 - BULGING OF COLUMN/ SAGGING OF BEAM/ SAGGING OF SLAB/ STRUCTURAL CRACK.	MICRO CONCRETE (75 mm)
8 - LEAKAGES, DAMPNES, SEEPAGE ETC.	GROUTING (EPoxy+cement base)
9 - HOLLOW SOUND/ AIR POCKETS.	REPLASTER

SIZE-A3

DRAWING TITLE:- PROPPING PLAN		
CLIENT:- LIFE INSURANCE CORPORATION		
DRAWN BY:	M.M.D	DATE : 31.01.2022
CHECKED BY:	A.P.R	DATE : 31.01.2022
APPROVED BY:	G.P.R	DATE : 31.01.2022
SCALE:	NTS	SHEET : 17
DRG.NO:- FCEL/20-21/LIC/17:17		REV: R0

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8 - LEAKAGES, DAMPNES, SEEPAGE ETC.

9 - HOLLOW SOUND/ AIR POCKETS.

CRACK FILLING (CF)

CRACK FILLING + CORROSION TREATMENT (CF+CT)

POLYMER MODIFIED MORTAR (PMM 20mm)

POLYMER MODIFIED MORTAR (PMM 20mm)

POLYMER MODIFIED MORTAR (PMM 20mm-40mm)

MICRO CONCRETE (75 mm)

MICRO CONCRETE (75 mm)

GROUTING (EPoxy+cement base)

REPLASTER