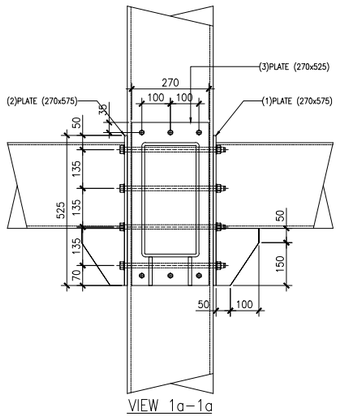
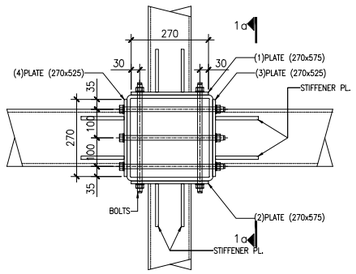
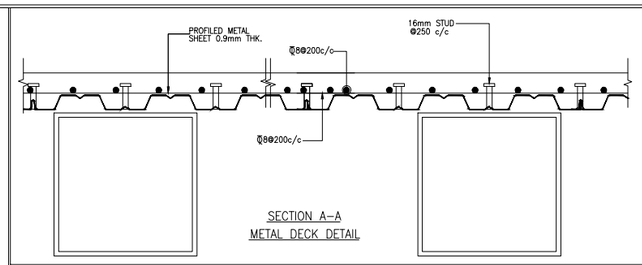


VIEW 1a–1a

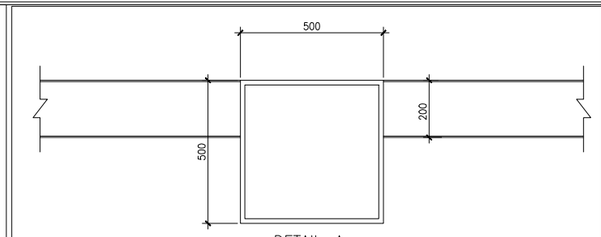


PLAN

TYPICAL COL.& BEAM JUNCTION DETAILS–B



SECTION A–A
METAL DECK DETAIL



DETAIL–A

NOTES

1. THIS DRG. TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
2. DOUBTS/DISCREPANCIES IF ANY, MUST BE GOT CLARIFIED BEFORE CUTTING & FABRICATION WORK.
3. ONLY WRITTEN DIMENSIONS SHOULD BE FOLLOWED.
4. STRUCTURAL STEEL AND PLATES SHALL CONFORM TO IS:2062
5. FABRICATION AND ERECTION SHALL CONFORM TO IS:800.
6. WELDING ELECTRODE SHALL CONFORM TO IS:814.
7. ALL WELDING SHALL BE DONE AS PER IS:816.
8. ALL WELDS TO BE CONTINUOUS FILLET, UNLESS SPECIFIED OTHERWISE. OF THICKNESS AS/TABLE BELOW

MATERIAL THICKNESS OF THINNER PART JOINTED (mm)	SIZE OF FILLET WELD (mm)
6mm	4.0
8mm	6.0
10mm	8.0
12mm	10.0
16mm	12.0
20mm	16.0
25mm	18.0

9. FABRICATION OF ALL DIAGONAL MEMBERS AND GUSSET PLATES TO BE DONE BY FULL SCALE SHOP LAYOUT.

CONTRACTOR TO SUBMIT FABRICATION DRGS. FOR APPROVAL BEFORE EXECUTION AT SITE

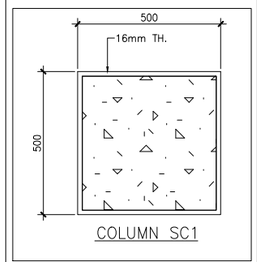
CAMBER TO BE PROVIDED L/350 TO ALL MEMBERS OF OF LENGTH >6.0m

GRADE OF STEEL E-345

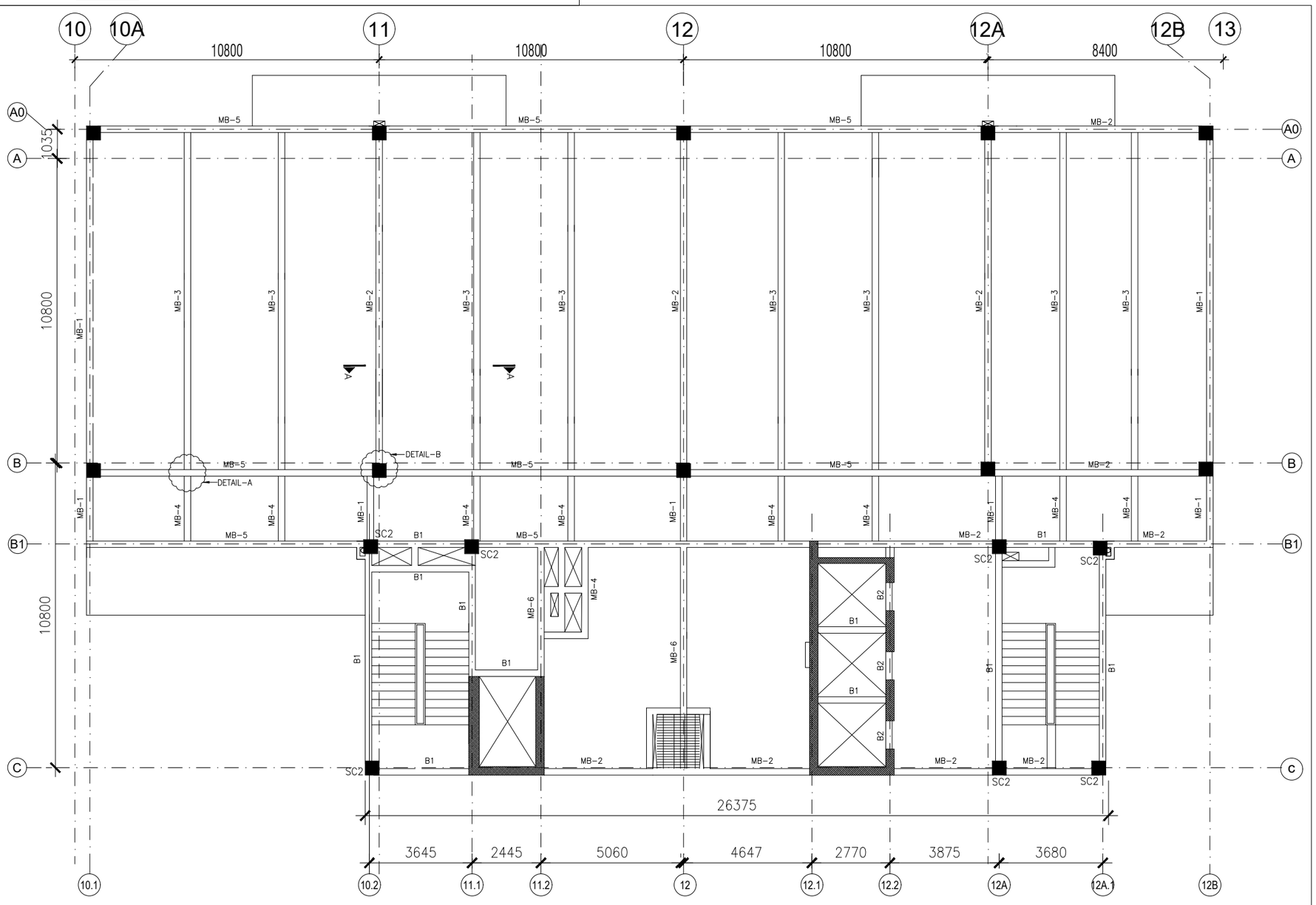
GRADE OF CONCRTE M-40

MEMBER SIZE SCHEDULE	
MARK	DISCRIPTION
MB–1	250x250x12
MB–2	300x300x12
MB–3	600x200x6
MB–4	250x150x4
MB–5	450x450x12
MB–6	400x200x5
SC1	500x500x16
SC2	450x450x12

BEAM SIZE SCHEDULE	
MARK	DISCRIPTION
B1	230x700
B2	300x700



COLUMN SC1



REV.NO	DATE	DESCRIPTION

REVISIONS

PROJECT :- G+14, Faridabad

STRUCTURAL STEEL PARTNER

APLAPOLLO column The FUTURE is Exciting

DRAWING TITLE :

GROUND FLOOR PLAN

PROJECT CODE		REVISION
DATE :	05.08.2021	
DRAWN BY :	AMEER	R0
CHKD BY :	ALAM	DRAWING NO.
SCALE :	1:100	