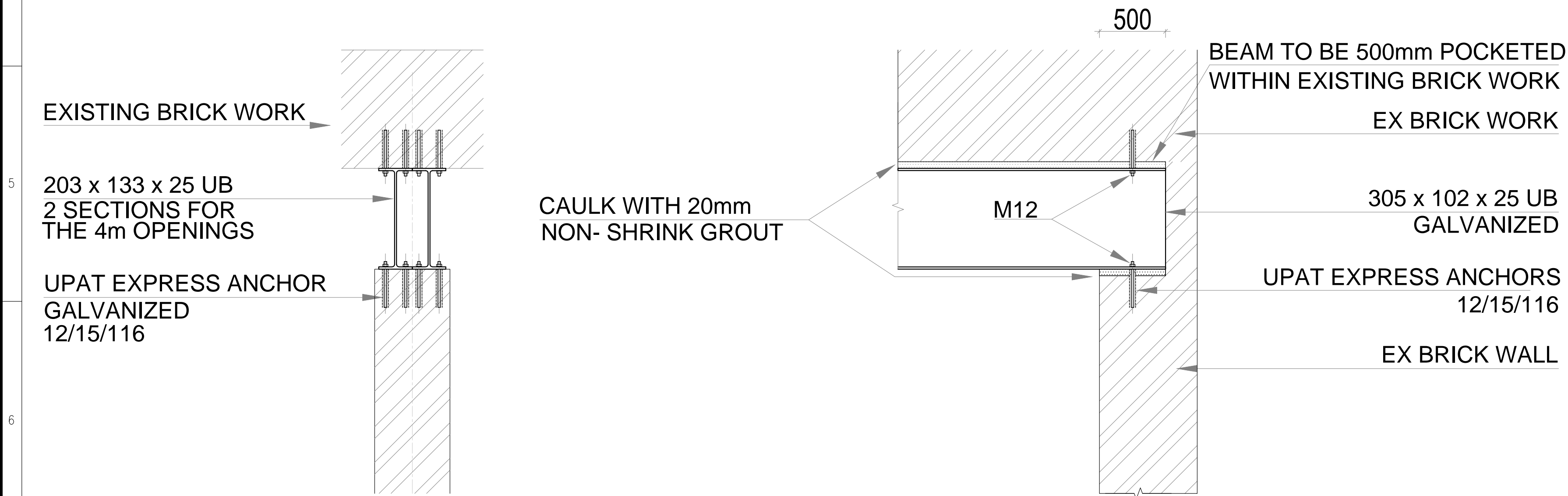


1. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE AND ANY DISCREPANCIES BROUGHT IMMEDIATELY TO THE ENGINEERS ATTENTION.
2. ALL MATERIAL, FABRICATION AND ERECTION OF STRUCTURAL STEEL TO COMPLY WITH SANS 10162 - 2005 AND SANS 1200H - 1983.
3. A COMPLETE SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION COMMENCES. THESE DRAWINGS WILL BE SCRUTINIZED TO ENSURE ADEQUATE END CONNECTIONS AND MEMBER SIZES ONLY. DIMENSIONAL ACCURACY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. ALL STEELWORK UNLESS OTHERWISE NOTED, TO BE GRADE 350 W; HOT DIPPED GALVANIZED.
5. IF JOINS IN STEEL MEMBERS ARE REQUIRED FOR TRANSPORT OR MANUFACTURE, PROPOSALS FOR THIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
6. BASE PLATES SHALL BE GROUTED WITH A CEMENTITIOUS NON-SHRINK GROUT WITH A MINIMUM CRUSHING STRENGTH OF 40 MPa. GROUTING MUST TAKE PLACE BEFORE THE PRIMARY LOADS ARE APPLIED TO THE STRUCTURE.
7. WELDING SHALL CONFORM TO AWS D1.1-90 SPECIFICATIONS.
8. ALL WELDS TO BE 6mm CONTINUOUS FILET OR THE WELD THROAT THICKNESS TO BE THE THICKNESS OF THE THINNEST OF THE TWO PARENT METALS, UNLESS OTHERWISE STATED.
9. ALL BOLTS SHALL BE GRADE 8.8 UNLESS OTHERWISE NOTED, AND A MINIMUM OF 2 BOLTS PER CONNECTION.
10. ALL CONNECTION DETAILS TO EXISTING STRUCTURES TO BE VERIFIED ON SITE AND APPROVED BY THE ENGINEER.
11. STRUCTURAL STEEL TO BE OF GRADE 350W.
12. BOLTS SHALL NOT HAVE THREADS WITHIN THE SHEAR PLANES.
13. ALL HOLES TO BE DRILLED AT STANDARD BACKMARK.



**SCALE 1 : 10**

SCALE 1 : 10

## STEEL BEAM SCHEDULE

BEAM	DIMENSION	LENGTH	QUANTITY	TYPE	GRID LINE
A	305 x 102 x 25	7990mm	2	I SECTION	J2 - J3
B	203 x 133 x 25	4000mm	14	I SECTION	REF TABLE
C	305 x 102 x 25	6500mm	2	I SECTION	J24 - J25
D	203 x 133 x 25	8309mm	2	I SECTION	J23 - H23 - G23
E	305 x 102 x 25	5000mm	2	I SECTION	J13 - J14

B	GRID LINE
	H4 - H5
	J5 - J6
	J6 - J7
	J7 - J8
	G11 - G12
	J16 - J17
	J22 - J23