

GENERAL NOTES :

- 1 – DESIGN IS ACCORDING TO AMERICAN CODE AINSI .
- 2 – ALL DIMENSIONS ARE IN CENTIMETERS UNLESS OTHERWISE INDICATED.
- 3 – DIMENSIONS MUST NOT BE SCALED ON THE DRAWINGS.
- 4 – MILD REINFORCEMENT (INDICATED ON DRAWINGS BY \emptyset) SHALL BE TO ASTM A704M OR ASTM A615M UNFINISHED, 280MP α
HIGH TENSILE REINFORCEMENT (INDICATED ON DRAWINGS BY T) SHALL BE TO ASTM A706M OR ASTM A615M UNFINISHED,
420MP α PROVIDED THAT THE YIELD STRENGTH SHALL BE TAKEN AS THE STRESS CORRESPONDING TO A STRAIN OF 0.35%.
- 5 – CLASSES OF CONCRETE ARE SPECIFIED AS FOLLOW:
 - CONCRETE : MINIMUM C20 =20MP α
- 6 – MINIMUM CONCRETE COVER TO REINFORCEMENT MUST BE AS PER UBC 97(SECTIONS 703 AND 1907) :
 - FOUNDATIONS: 50mm
 - UNDERGROUND PERIPHERAL WALLS: 50mm FILL SIDE
30mm INTERIOR SIDE
 - COLUMNS AND WALLS: 40mm
 - SLABS AND EMBEDDED BEAMS: 25mm
 - DROPPED BEAMS: 40mm
- 7 – ALL BAR LENGTHS ARE INDICATIVE. IT'S THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT BAR BENDING SCHEDULES TO THE ENGINEER'S APPROVAL.
- 8 – ALL STRUCTURAL STEEL WORK TO BE CARRIED OUT IN CONFORMITY WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND TECHNICAL SPECIFICATIONS
STRUCTURAL STEEL SHALL BE S235=235 MP α QUALITY UNLESS OTHERWISE INDICATED.
 - PRIMING OF STRUCTURAL MEMBERS, 1 COAT ZINC EPOXY PAINT SYSTEM.
 - BOLTS SHALL BE OF GRADE 8.8 UNLESS OTHERWISE INDICATED. THEY SHALL BE OF APPROVED MANUFACTURE.
 - FABRICATION WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH SHOP DRAWINGS PREPARED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
 - ERECTION PROCEDURES SHALL BE SUBMITTED FOR APPROVAL.
 - FABRICATION WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH AN INTERNATIONALLY RECOGNISED CODE OF PRACTICE IN AN APPROVED WORKSHOP
EXPERIENCED IN THIS TYPE OF WORK.
 - ERECTION SHALL BE CARRIED OUT BY COMPETENT CREWS EXPERIENCED IN THIS TYPE OF WORK. SUITABLE APPROVED EQUIPMENT SHALL BE USED.
- 9 – THE FOUNDATION IS DESIGNED BASED ON ALLOWABLE BEARING CAPACITY OF 2 KG/cm².
THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THIS BEARING CAPACITY REACHED.