



LEVEL 1 FRAMING PLAN WITH TOP REINFORCEMENT

1:100

- TOP OF GROUND FLOOR STRUCTURAL SLAB VERTICES FROM FINISHED GROUND FLOOR DATUM. DIMENSIONS TO WALLS. THE STRUCTURAL SLAB VERTICES AT THE EDGE OF GROUND FLOOR. SEE PLAN AND DETAILS FOR ELEVATION CHANGES. SEE ALSO ARCHITECTURAL, DRAWINGS AND LANDSCAPE DRAWINGS FOR GROUND FLOOR ELEVATIONS AND LAYOUTS TO BE MAINTAINED.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LOADS (ALL LOADS AND SUPERIMPOSED DEAD LOADS SHALL BE IN ADDITION TO THE SELF WEIGHT).

	LL	SL
DEAD LOAD	4.0 kPa	1.5 kPa
LIVE LOAD	4.0 kPa	1.5 kPa
WIND LOAD	4.0 kPa	1.5 kPa
SEISMIC LOAD	4.0 kPa	1.5 kPa
LOADING DOCK AND MECHANICAL ROOM	4.0 kPa	1.5 kPa
LOADING DOCK	4.0 kPa	1.5 kPa
LOADING DOCK	4.0 kPa	1.5 kPa

- CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C-40 EXPOSURE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 35 MPa AT 28 DAYS. REFER ALSO TO COLUMN AND WALL SCHEDULES. SEE ALSO CONCRETE MIX SCHEDULE ON FOUNDATION PLAN.
- CONCRETE COVER FOR TOP BARS IN SLABS SHALL BE 40mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS SHALL BE 20mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL FOR UNITS IN NON-CORNER BEARING MASONRY WALLS.
- SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CURBS, REINFORCE AS PER TYPICAL DETAIL.
- SEE COLUMN AND WALL SCHEDULES.
- SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
- REFER TO BEAM SCHEDULES.
- PROVIDE 30mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS AND DROPS.
- WHERE BOTTOM STEEL IS NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.
- PROVIDE 15% SLAB TRANSFER SLAB REINFORCEMENT.

REINFORCEMENT PLACEMENT DIAGRAM

SLAB	REINFORCEMENT	SLAB	REINFORCEMENT
SLAB	250mm x 300mm	SLAB	250mm x 300mm
CONCRETE STRENGTH	25 MPa CLASS C1	CONCRETE STRENGTH	25 MPa CLASS C1
TEMP. STEEL	1500mm	TEMP. STEEL	1500mm
SLAB	300mm	SLAB	300mm
CONCRETE STRENGTH	30 MPa CLASS C1	CONCRETE STRENGTH	30 MPa CLASS C1
TEMP. STEEL	1500mm	TEMP. STEEL	1500mm
SLAB	300mm	SLAB	300mm
CONCRETE STRENGTH	30 MPa CLASS C1	CONCRETE STRENGTH	30 MPa CLASS C1
TEMP. STEEL	1500mm	TEMP. STEEL	1500mm
SLAB	300mm	SLAB	300mm
CONCRETE STRENGTH	30 MPa CLASS C1	CONCRETE STRENGTH	30 MPa CLASS C1
TEMP. STEEL	1500mm	TEMP. STEEL	1500mm

GARAGE ROOF PLAN NOTES

- TOP OF GARAGE ROOF SLAB ELEVATIONS SHALL BE TO THE SLAB TO SLAB DRAINAGE AND DRAINAGE, AS SHOWN ON THE ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS.
- THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LOADS (ALL LOADS AND SUPERIMPOSED DEAD LOADS SHALL BE IN ADDITION TO THE SELF WEIGHT).

	LL	SL
DEAD LOAD	4.0 kPa	1.5 kPa
LIVE LOAD	4.0 kPa	1.5 kPa
WIND LOAD	4.0 kPa	1.5 kPa
SEISMIC LOAD	4.0 kPa	1.5 kPa

- CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS C-40 EXPOSURE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 35 MPa AT 28 DAYS. REFER ALSO TO COLUMN AND WALL SCHEDULES. SEE TYPICAL CONCRETE MIX SCHEDULE ON FOUNDATION PLAN.
- CONCRETE COVER FOR TOP BARS IN SLABS SHALL BE 40mm. CONCRETE COVER FOR BOTTOM BARS IN SLABS SHALL BE 20mm.
- APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 48 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
- SEE TYPICAL DETAIL FOR UNITS IN NON-CORNER BEARING MASONRY WALLS.
- SEE ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR CURBS, REINFORCE AS PER TYPICAL DETAIL.
- SEE COLUMN AND WALL SCHEDULES.
- SEE ALSO TYPICAL NOTE AND DETAIL DRAWINGS.
- REFER TO BEAM SCHEDULES.
- PROVIDE 30mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS AND DROPS.
- WHERE BOTTOM STEEL IS NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.
- PROVIDE 15% SLAB TRANSFER SLAB REINFORCEMENT.
- PROVIDE 30mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS AND DROPS.
- AREAS NOTED THUS: IN PLAN, ARE BUILT UP CONCRETE. SEE TYPICAL DETAILS.

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- TRANSFER SLABS TO BE SHORED UNTIL EACH SPECIFIED 28 DAYS CONCRETE STRENGTH.
- SHORING SHALL NOT BE SUPPORTED BY BUILDING SLABS.
- PROVIDE 30mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS AND DROPS.
- SEE LANDSCAPE DRAWINGS FOR PLANTER WALLS AND PILLARS, REINFORCE AS PER TYPICAL DETAILS.
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- WHERE BOTTOM STEEL IS NOT SHOWN, PROVIDE CONTINUOUS TEMPERATURE STEEL, HOOKED AT EDGE OF SLAB AND OPENINGS.
- PROVIDE 15% SLAB TRANSFER SLAB REINFORCEMENT.
- PROVIDE 30mm CHAMFER ON ALL EXPOSED EDGES OF COLUMNS, WALLS, BEAMS AND DROPS.
- IN TRANSFER SLABS, HOOK BOTTOM BARS AND EXTEND ALL TOP BARS INTO ADJACENT SLABS BY 200mm (175).