Concrete:
- Concrete compressive strength at 28 days $F_{cu}/F'_c=40/32 \text{MPa}$.
- Concrete compressive strength at releasing/demolding time.
- Type of cement: OPC.
- Additives: ----

Steel:
- Normal reinforcing steel: BS4449, $F_y=460 \text{ MPa}$.
- Prestress reinforcing steel: low relaxation 7 Wire strands complying with ASTM A416 grade 270.


Thermal Insulation:
- Extruded Polystyrene thermal insulation Type V Class C3.
- Density of Insulation = 32-35 kg/m$^3$.
- Thermal conductivity $k$ of Extruded Polystyrene = 0.0292 W/m.k.
- $k$ of Isoboard Extruded Polystyrene = 0.0279 W/m.k.

**GENERAL NOTES:**
- All dimensions are in millimeters, all levels in meters.
- Do not scale from this drawing, only written dimensions are to be considered.
- Concrete:
  - Concrete compressive strength at 28 days $F_{cu}/F'_c=40/32 \text{MPa}$.
  - Concrete compressive strength at releasing/demolding time.
  - Type of cement: OPC.
- Steel:
  - Normal reinforcing steel: BS4449, $F_y=460 \text{ MPa}$.
  - Prestress reinforcing steel: low relaxation 7 Wire strands complying with ASTM A416 grade 270.
- Concrete clear cover for reinforcing steel as per ACI-318 sec (7.7.1):
  - Wall panel: $20 \text{mm} - 30 \text{mm}$.
- This drawing is the property of Exeed precast co. Design department.
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