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

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

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 $F_{cu}/F'_c = 40/32$ MPa.
- Concrete compressive strength at releasing/demolding time Exposed Side.
- Type of cement: OPC.

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

Thermal Insulation:
- Extruded Polystyrene thermal Insulation board Type VI Classification.
- Density of Insulation = 30-35 kg/m³.
- Thermal conductivity of Extruded Polystyrene = 0.0292 W/m.k.
- Thermal conductivity of Isoboard Extruded Polystyrene = 0.0279 W/m.k.

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