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

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

**Tolerance:**
- All dimensions are in millimeters, all level in meters.
- Do not scale from this drawing. Only written dimensions are to be considered.

**Concrete clear cover for reinforcing steel as per ACI-318 sec (7.7.1):**
- Wall panel: $F_{ci} = 0.6 (F_{cu}/F'c)$.

**General Notes:**
- This drawing is the property of Exeed precast co. Design department.
- All dimensions are in millimeters, all level in meters.
- Do not scale from this drawing. Only written dimensions are to be considered.

**Materials:**
- Extruded Polystyrene thermal Insulation board Type VIClassification Density of Insulation = 32-35 kg/m³
- K (thermal conductivity) Isoboard Extruded Polystyrene $\lambda = 0.0292$ W/m.k
- K (thermal conductivity) Isoboard Extruded Polystyrene $\lambda = 0.024$ W/m.k
- Thermal insulation:
- Insulation based Type VIClassification
- Density of Insulation = 32-35 kg/m³
- K (thermal conductivity) Isoboard Extruded Polystyrene $\lambda = 0.0292$ W/m.k
- K (thermal conductivity) Isoboard Extruded Polystyrene $\lambda = 0.024$ W/m.k
- Insulation: