

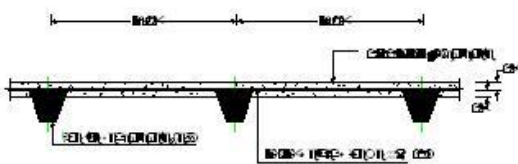
NERDC COMPOSITE FLOOR SLAB SYSTEM

Composite floor slab system is one of the most widely used cost effective technologies introduced by NERD centre.

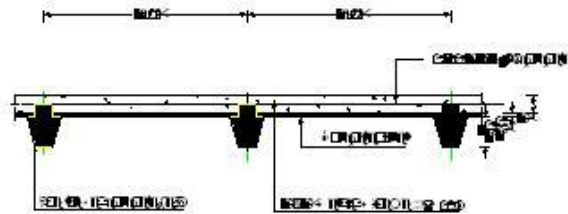
- 2" thick slab with Pre-stressed concrete beams at 2ft intervals
- G.10, 2"x2" G.I. Weld mesh reinforcement
- 1:1 1/2:3(3/4") concrete

Type 1 - Steel frame or timber frames are used as a formwork which is tighten to Pre-stressed concrete beams as temporary formwork.

Type 2 – 12mm Thick ferrocement panels are placed on Pre-stressed concrete beams as a permanent shutter



TYPE - 0 1



TYPE - 0 2

Advantages:

- Reduction in weight
- No propping.
- No soffit plastering
- Save material, labour and time.
- Workable bottom space
- No heavy equipments and machineries are used
- 35% cost saving compared to the conventional slab system



