

## REBAR STUD SIZING, REBAR AND TIE SPACING FOR VARIOUS POUR PRESURES

LOAD SPECIFICATIONS ON PAGE 26 ARE BASED ON THE FOLLOWING CRITERIA:

1. THE DENSITY OF WET CONCRETE @ 150 LBS/FT<sup>3</sup> AND 50°F TEMPERATURE.
2. CONCRETE DISCHARGE NOZZLE SHOULD NOT BE MORE THAN 2 FEET ABOVE POUR SURFACE.
3. ADJOINING SHEET END LAPS OF NO LESS THAN 2" WITH LAPS TO OCCUR OVER A SUPPORT WITH BOTH ADJOINING SHEETS SECURED WITH WIRE TIES AT THE LAP AND OVER AND AROUND THE SUPPORT.
4. PLACE STAY-FORM WITH RIBS FACING AWAY FROM THE SUPPORTS AND PROTRUDING TOWARD AND INTO THE POUR.
5. SIDE LAPS, (LONG DIMMENSION OF SHEET), OUTSIDE RIB OF EACH ADJOINING SHEET TO BE NESTED INTO OTHER AND EACH WIRE TIED AT 12" O.C., MAXIMUM.
6. FOR BLIND SIDE WALL APPLICATIONS, LAP TWO RIBS ON THE FIRST TWO LAPS FOR ADDED STRENGTH AND WIRE TIE BOTH RIBS ON 12 INCH CENTERS.
7. CONCRETE TO BE PREPARED TO 3" TO 5" SLUMP. POUR RATES FOR THE ABOVE TABLES ARE WITHOUT THE ADDITION OF ADDITIVES OR RETARDANTS. HIGHER SLUMP RATES CAN BE UTILIZED THOUGH A HIGHER RATE OF GROUT FLOW THROUGH THE STAY-FORM MAY RESULT.
8. LOAD TABLES ARE BASED ON CONTINUOUS SPAN CONFIGURATION.
9. ALL SHEETS OF STAY-FORM SHALL BE ATTACHED WITH THE RIBS RUNNING PERPENDICULAR TO THE REBAR STUDS.
10. A #4 REBAR SHOLD BE INSERTED CONTINUOUSLY INTO THE BOTTOM RIB OF THE STAY-FORM AND WIRE TIED IN PLACE TO GIVE ADDED SUPPORT TO THE BOTTOM OF THE POUR.
11. A REBAR STUB MUST BE PLACED IN THE FOOTING OR SLAB TO CORRESPOND WITH EACH REBAR STUD. THE REBAR STUDS SHOULD BE WELDED TO THE PROTRUDING STUB IN ORDER TO KEEP THE BOTTOM OF THE WALL FROM SHIFTING DURING THE POUR.

NOTE: USE ACI FORMULAS TO CONVERT TOTAL PRESSURES TO HOURLY POUR RATES. SEE STAY-FORM GUIDELINE LOADING SPECIFICATIONS FOR SPECIFIC APPLICATIONS ON PAGE 3.