CONSTRUCTION NOTES

- All work will be done according to Maine NRCS Construction Specification 432, Structure Concrete and Steel Reinforcement.
- Subgrade material shall be well compacted.
- Rebar shall be tied to ensure a rigid mat. Mat shall be located 2-2 ½ inches below finished surface of slab.
- Subgrade and reinforcing steel shall be approved prior to placing concrete. Forms shall be made available for inspection at least 24 hours prior to concrete placement. Failure to notify the NRCS prior to concrete placement may result in the project not meeting standards and specifications and the withdrawal of technical assistance.
- Concrete shall have minimum compressive strength of 3500 psi at 28 days.
- Concrete shall use Portland Cement Type II or Type IA.
- Air-entrainment admixture 5-7% by volume. slump 3-5 inches.
- Concrete temperature at time of placement shall be between 55°F and 75°F.
- Day air temperature at time of placement shall be between 40°F and 90°F.
- Mixed concrete shall not be in the truck more than 1.5 hours.
- Moisturize ground and steel before placing concrete.
- All exposed surfaces of the concrete shall be accurately screeded to grade and then float finished, unless specified otherwise. Texture shall be applied for traction.
- Exposed concrete surfaces shall be kept moist for 7 days or until curing compound is applied.
- All OSHA requirements shall be met during construction.
- Any changes from design must be pre-approved by the NRCS.

Gravel Base Details:
- Gravel base to be 12" thick unless otherwise specified.
- Gravel to be free draining bank run gravel or crushed rock.
- Bottom 9" to have no rocks larger than 3".
- Top 3" to have no rocks larger than 1.5".
- No more than 5% may pass the #200 sieve.

STEEL REINFORCEMENT:
Use construction joints between separate concrete pours. Discontinue steel at joints. Stop steel 2" back at each side from joint.

WATERSTOP:
Waterstop shall be used at all construction joints. Waterstop shall be butyl rubber and bentonite. Water stop to be Celco RX-102 or equivalent. Water stop to be #4 x 2'. Store, use, and apply water stops according to manufacturer's specifications.

CONSTRUCTION JOINT
Placed between 2 separate pours or floor and footer.

* STANDARDIZED DESIGNS MUST BE ADAPTED TO THE SPECIFIC SITE. NOT DRAWN TO SCALE.