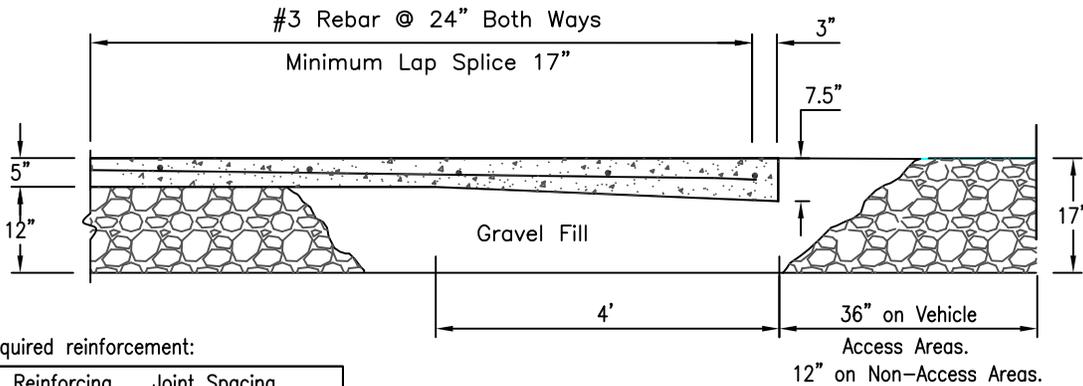


CONSTRUCTION NOTES

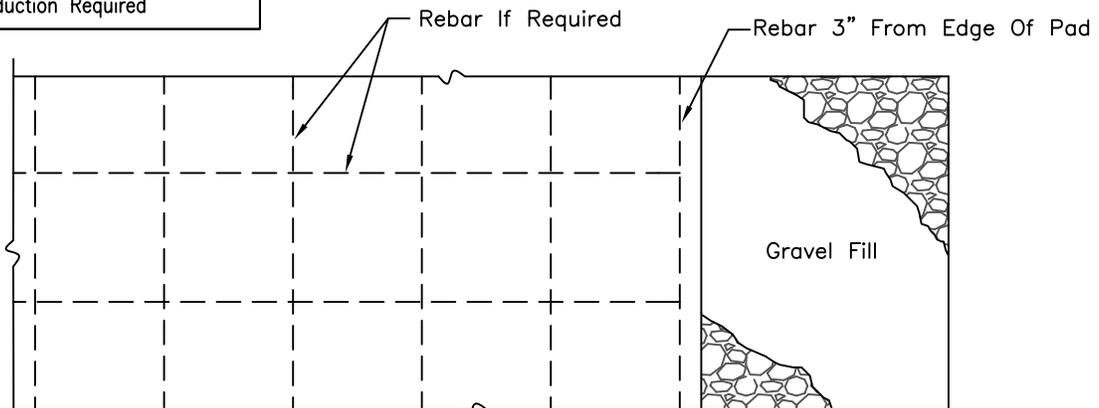
- All work will be done according to NRCS Construction Specification 432, Structure Concrete and Steel Reinforcement.
- Subgrade material shall be well compacted.
- Rebar shall be tied to ensure a rigid mat. Mat shall be located 1.5–2 inches below finished surface of slab.
- Subgrade and reinforcing steel shall be approved prior to placing concrete.
- If fiber is approved, use polypropylene fiber at 1.5–2 pounds per cubic yard (0.1%–0.2% by volume).
- Concrete shall have minimum compressive strength of 3500 psi at 28 days.
- Concrete shall use Portland Cement Type II or Type IIA.
- Air-entrainment admixture 5–7% by volume. Slump 3–5 inches.
- Concrete temperature at time of placement shall be 55°F–75°F.
- Day air temperature at time of placement shall be 40°F–90°F.
- Mixed concrete shall not be in the truck more than 1.5 hours, less in hot weather.
- Moisten 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.
- Exposed concrete surfaces shall be kept moist for 7 days or until curing compound is applied.
- Joints shall be used on all slab jobs. See attached Joint Detail Sheet.
- All O.S.H.A. requirements shall be met during construction.
- Any changes from sheet must be approved by engineer.



Check required reinforcement:

Reinforcing	Joint Spacing
Plain concrete	10 Ft.
#3 bars @ 24"	25 Ft.
Fiber	25 Ft.
Fiber or Steel—Land Owner's Choice	
Waterstops Required	
Fault Reduction Required	

CROSS SECTION



NOT TO SCALE

TOP VIEW

FOR LIQUID MANURE STORAGE

* STANDARDIZED DESIGNS MUST BE ADAPTED TO THE SPECIFIC SITE.



CONCRETE SLAB
WATERTIGHT APPLICATIONS

Designed _____	Date _____	File Name _____
Drawn <u>STANDARD</u>	<u>3/2011</u>	Drawing Name <u>ME-ENG-SDWT1</u>
Checked _____		
Approved _____		Sheet _____ of _____