

NO STEEL OR FIBER REINFORCEMENT:

Use contraction joints or construction joints. Space joints at 10' maximum each way.
 Contraction Joint– Place a cut or tooled groove $\frac{1}{4}$ the thickness of the concrete slab.

STEEL OR FIBER REINFORCEMENT:

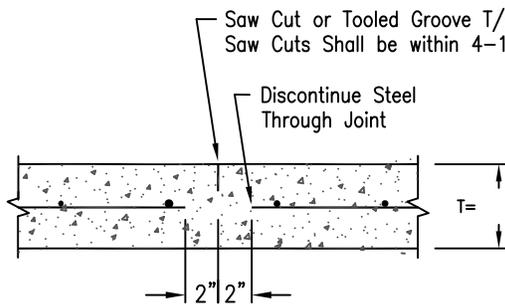
Use contraction joints and construction joints. Space joints at 25' maximum each way.
 When rebar reinforcement is used, discontinue steel at joints. Stop steel 2" back at each side from joint.
 Contraction Joint – Place a cut or tooled groove $\frac{1}{4}$ the thickness of the concrete slab.

SLAB FAULT REDUCTION:

Contraction Joint – Continue every other rebar through the joint or use dowels spaced 24" at joint.
 Construction Joint – Discontinue steel through joint. Use dowels at 24" spacing at the joint.
 Dowels shall be smooth steel rod, $\frac{5}{8}$ " diameter, 16" long. The dowel shall be greased on one end to prevent bonding. Place dowel parallel with and 1 $\frac{1}{2}$ "–2" from concrete surface.

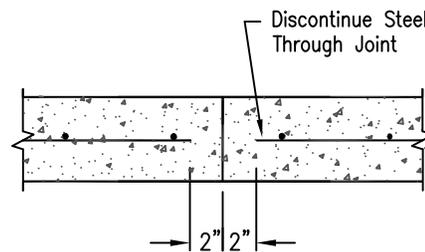
WATERSTOPS: Waterstops shall be used at construction joints on watertight applications.

Poured in place waterstops shall conform to NRCS construction spec. 432
 Surface applied waterstops shall meet manufacturers recommendations.



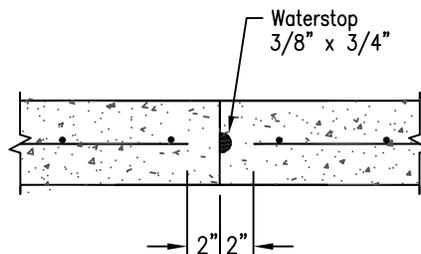
CONTRACTION JOINT

Spaced throughout continuous pour.



CONSTRUCTION JOINT

Placed between 2 separate pours.



WATERTIGHT CONSTRUCTION JOINT

Placed between 2 separate pours.

*STANDARDIZED
 DESIGNS MUST BE
 ADAPTED TO THE
 SPECIFIC SITE*

NOT TO SCALE



JOINT DETAILS
 FOR CONCRETE SLABS

Designed _____	Date _____	File Name _____
Drawn <u>STANDARD</u>	<u>2/10</u>	Drawing Name <u>ME-ENG-CS2</u>
Checked _____		
Approved _____		Sheet _____ of _____