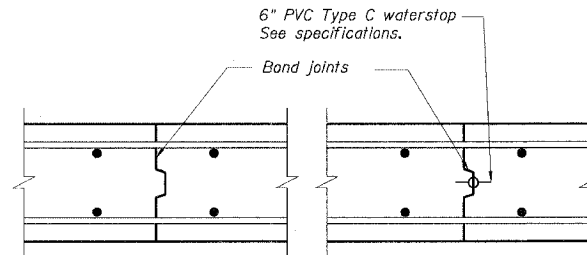


Raise Construction Joint above Structural Slab where Waterstop is required except as otherwise shown on drawings.

Type C Waterstop (Where Required)

Number and size of keys shown apply to joints in slabs and to both vertical and horizontal joints in walls except otherwise noted on drawings.

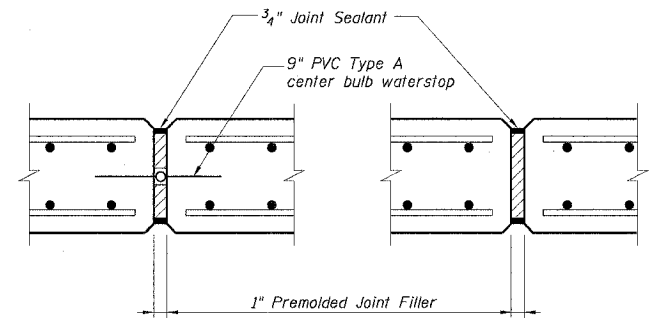
**CONSTRUCTION JOINTS
KEY DETAILS**



In joints with more than one key, place Waterstop in key nearest to surface against earth or water.

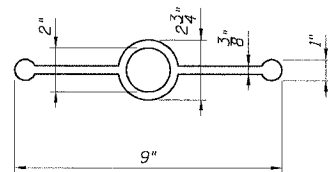
Reinforcing steel is continuous through Construction Joint

**TYPE C1 TYPE C2
CONSTRUCTION JOINTS**

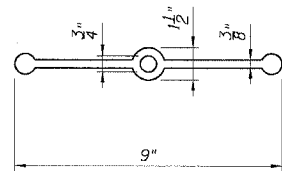


Chamfer expansion joints in walls and ceilings for floor joints use edge instead of chamfering

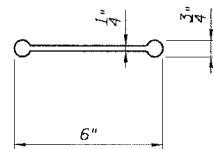
**TYPE E1 TYPE E2
EXPANSION JOINTS**



**TYPE A
FOR EXPANSION JOINTS**



**TYPE B
FOR CONTRACTION JOINTS**



**TYPE C
FOR CONSTRUCTION JOINTS
WATERSTOP DETAILS**

ABBREVIATIONS:

Add'l.	Additional	Min.	Minimum
All.	Alternate	Mtl.	Metal
Arch.	Architectural	Opng.	Opening
Brg.	Bearing	P.	Plate
Bm.	Beam	P.V.C.	Polyvinyl Chloride
Bot.	Bottom	R.	Radius
Bldg.	Building	Reinf.	Reinforcement
Col.	Column	Secl.	Section
Cont.	Continuous	Std.	Standard
Det.	Detail	Stl.	Steel
Dia.	Diameter	S.S.	Stainless Steel
Dwg.	Drawing	Sym.	Symmetrical
Dwl.	Dowel	Typ.	Typical
O.A.	Overall	Vert.	Vertical
Q.	Center line	W.W.F.	Welded Wire Fabric
Conc.	Concrete	T/	Top of
Ctr'd.	Centered	B/	Bottom of
E.F.	Each Face	U.O.N.	Unless Otherwise Noted
E.W.	Each Way	V.I.F.	Verify in Field
El.	Elevation		
Exp.	Expansion		
Ext.	Exterior		
Fig.	Footing		
H.P.	High point		
I.D.	Inside Diameter		
I.F.	Inside Face		
O.F.	Outside Face		
Int.	Interior		
L.P.	Low Point		
Max.	Maximum		
Mech.	Mechanical		
Mfr.	Manufacturer		

LEGEND

	Existing concrete structure
	New concrete structure
	Existing structure to be removed

REVISION	
DATE	DESCRIPTION

PLANS PREPARED BY:

CTE | AECOM

CTE
303 East Wacker Drive, Suite 600, Chicago, Illinois 60601-5276
T 312.938.0300 F 312.938.1109 www.cte.aecom.com

SCALE: NONE

SGND-2 FR-416