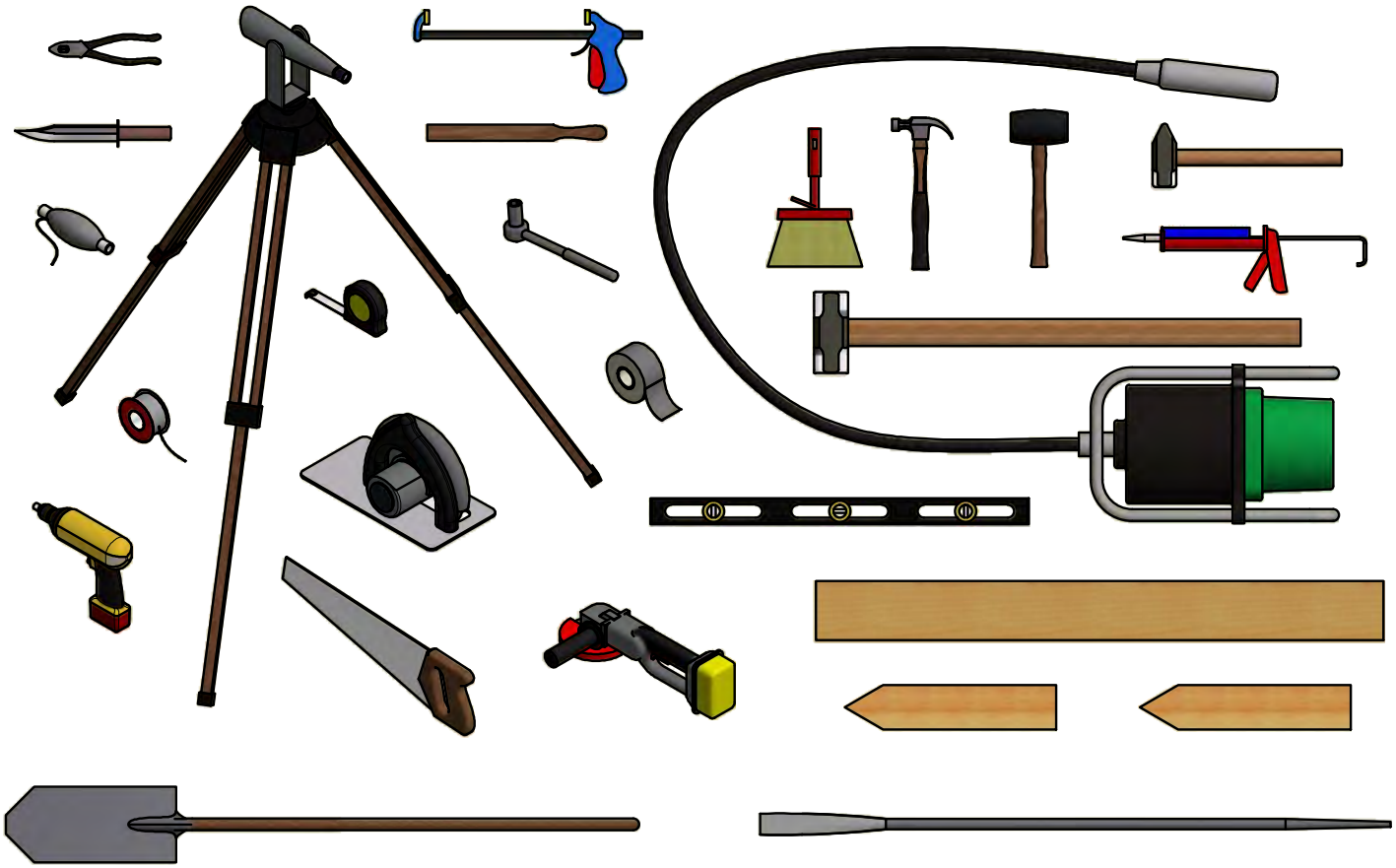
Interceptor®

Pre-Engineered Surface Drainage

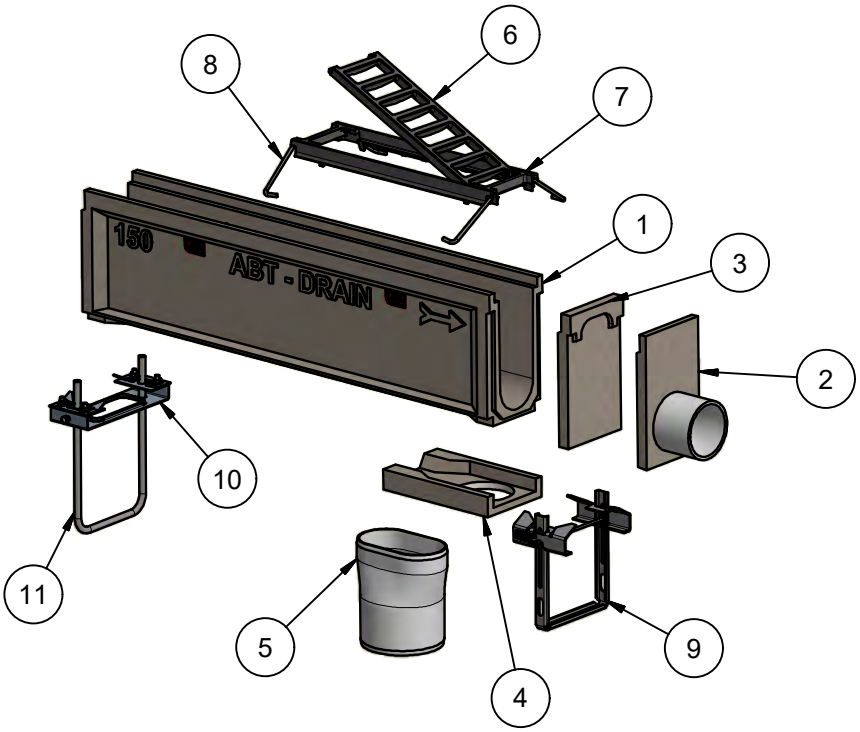
Installation Guide

P.O. Box 837 - 259 Murdock Road - Troutman, NC 28166
Tel (704) 528-9806 - Fax (704) 528-5478 - www.abtdrains.com
Toll free in the USA, Canada, and Mexico (800) 438-6057

USEFUL OR REQUIRED TOOLS

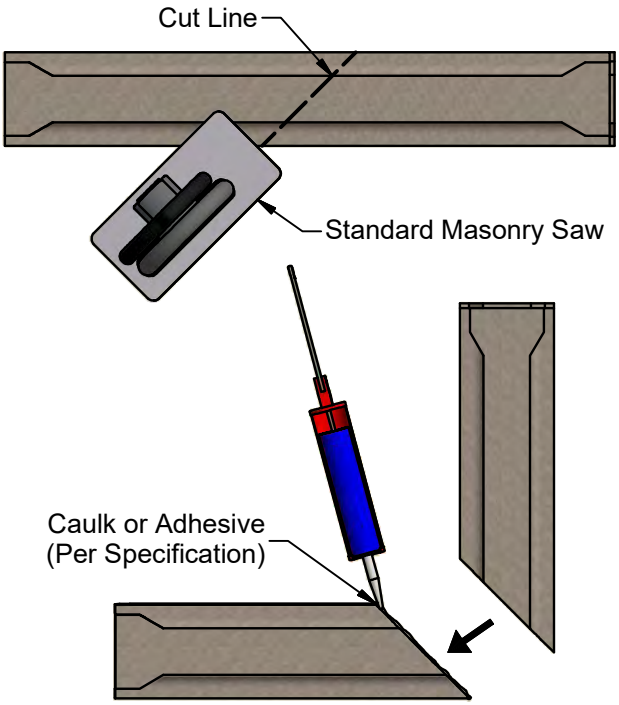


COMPONENT IDENTIFICATION

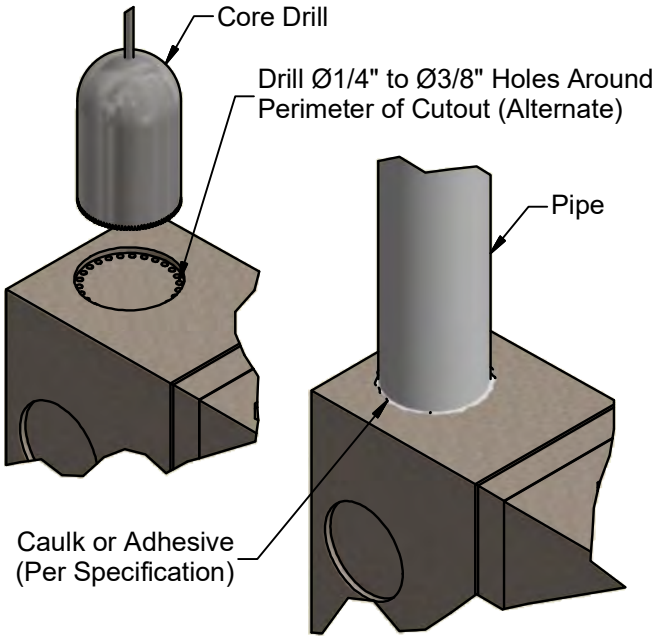


BILL OF MATERIAL	
ITEM	DESCRIPTION
1	PolyDrain® Channel
2	Pipe Stub Outlet Adaptor Plate
3	Plain End Plate
4	Pipe Insert Outlet Adapter Plate
5	Vertical PVC Outlet
6	Grate
7	Frame
8	Frame Anchor
9	PolyClip I™ (Optional)
10	PolyClip II™ (Optional)
11	Rebar U-Leg (Optional)

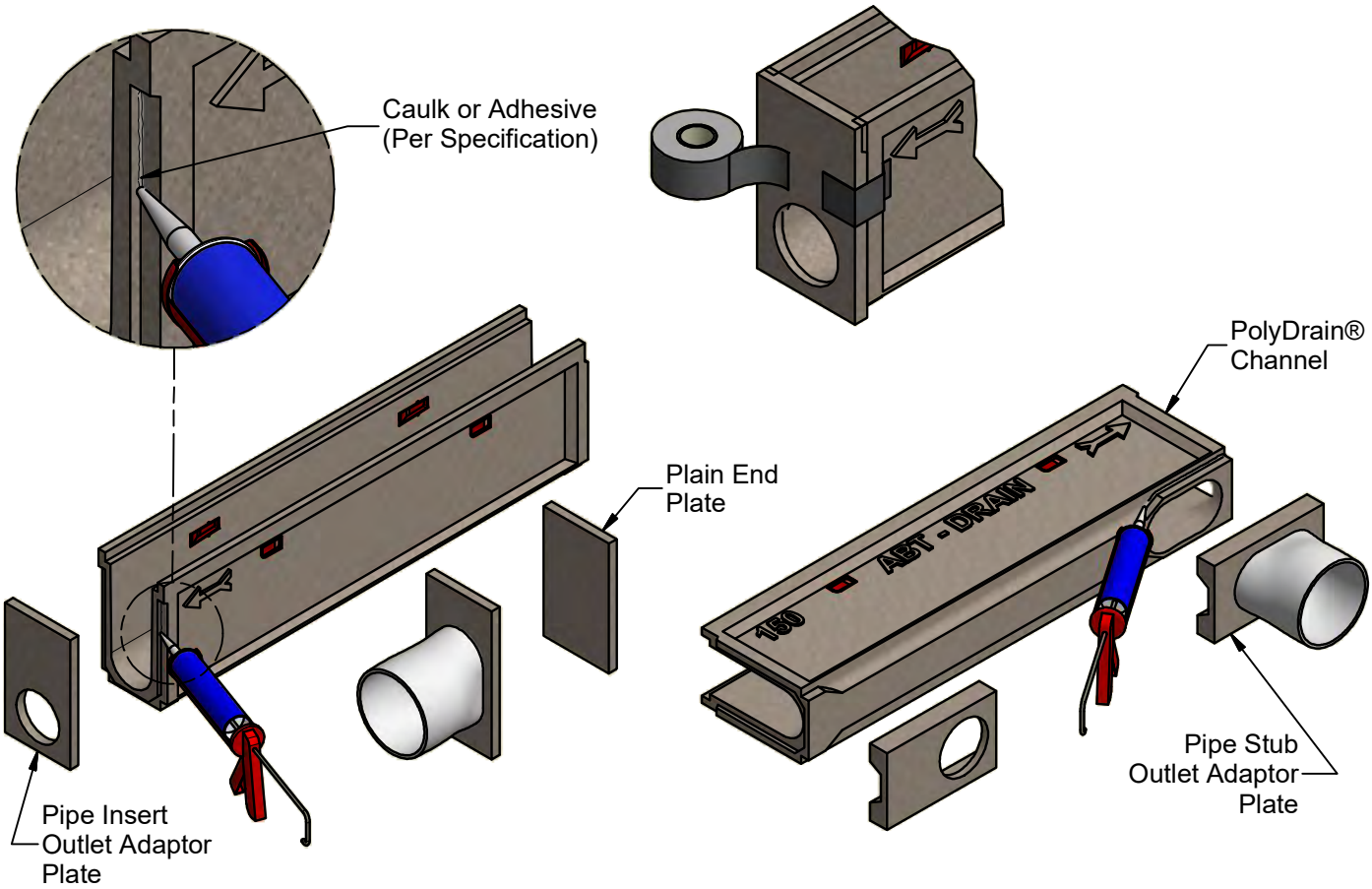
CHANNEL PREPARATION



1. FORMING MITER JOINTS

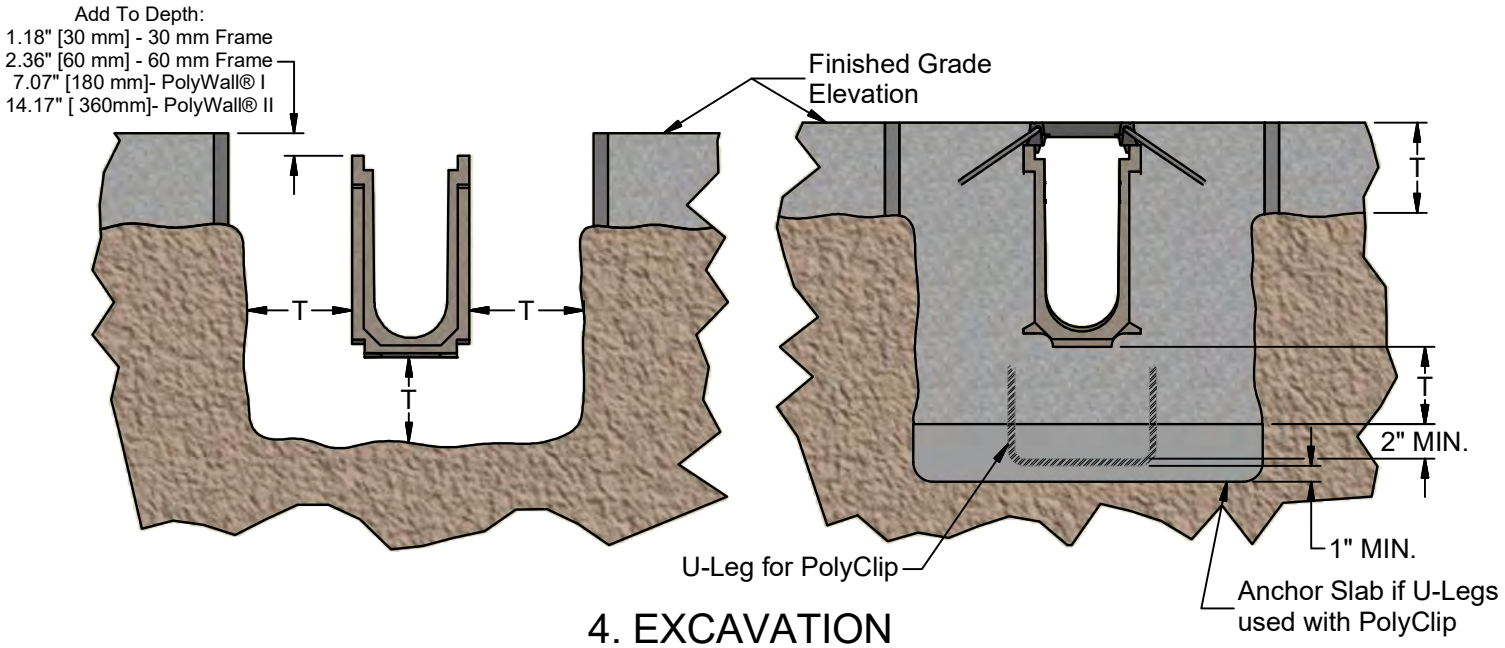


2. PIPE CONNECTION / PREFORMED CUTOUT REMOVAL



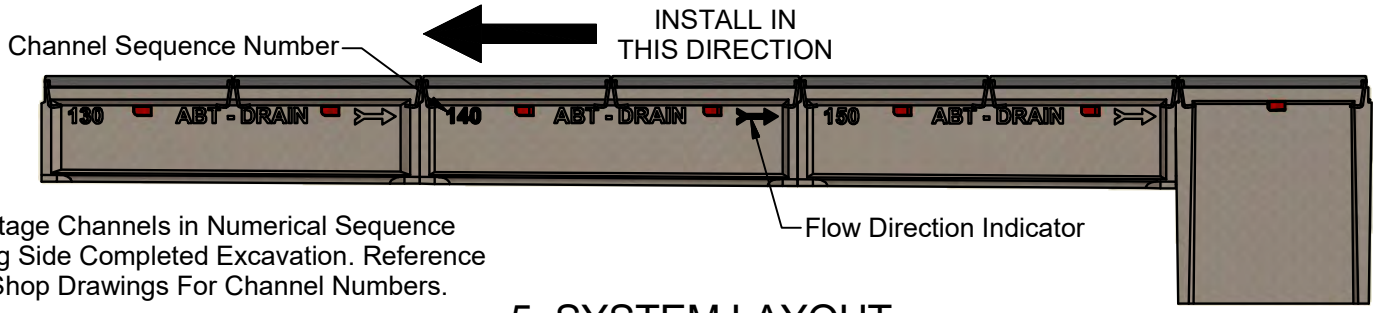
3. HORIZONTAL AND VERTICAL OUTLET/CLOSED END PLATES

INSTALLATION PREPARATION



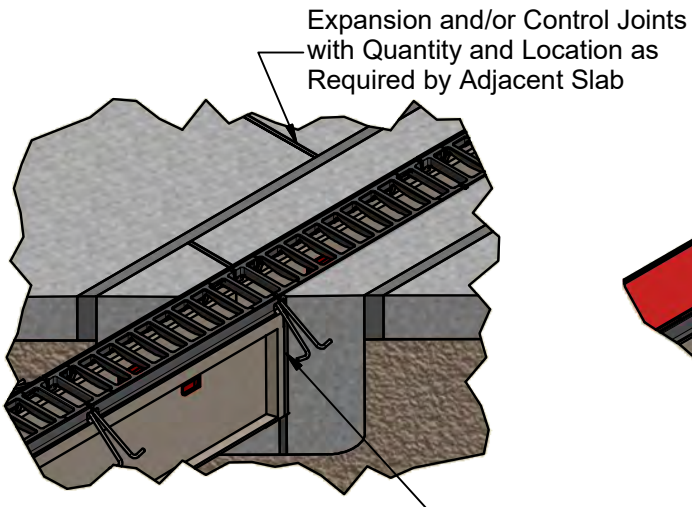
4. EXCAVATION

T = Per Structural Engineer, 6" [150 mm] Minimum



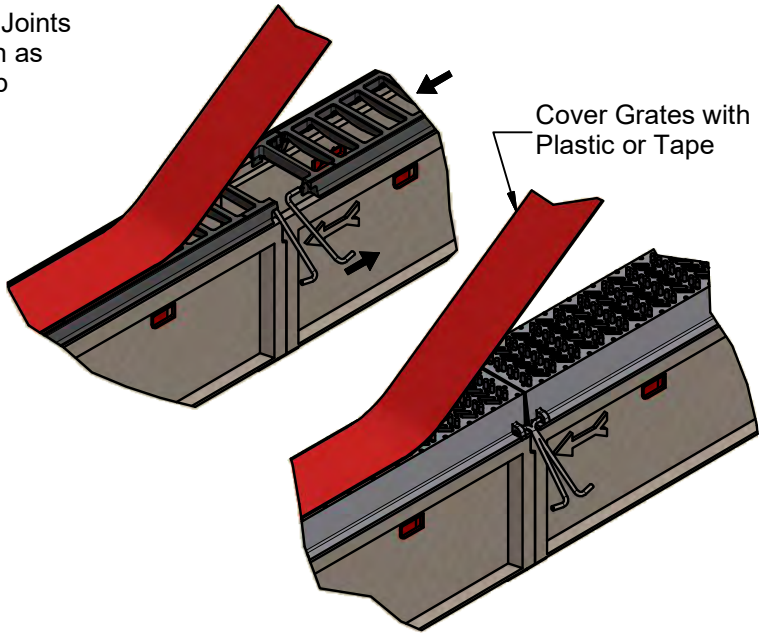
Stage Channels in Numerical Sequence Along Side Completed Excavation. Reference Shop Drawings For Channel Numbers.

5. SYSTEM LAYOUT



Locate Expansion/Control Joint Between Two Channels. Separate Channel by a Width Equivilent to the Width of Expansion/Control Joint. Fill Space with Flexible Joint Materal.

6. EXPANSION/CONTROL JOINTS

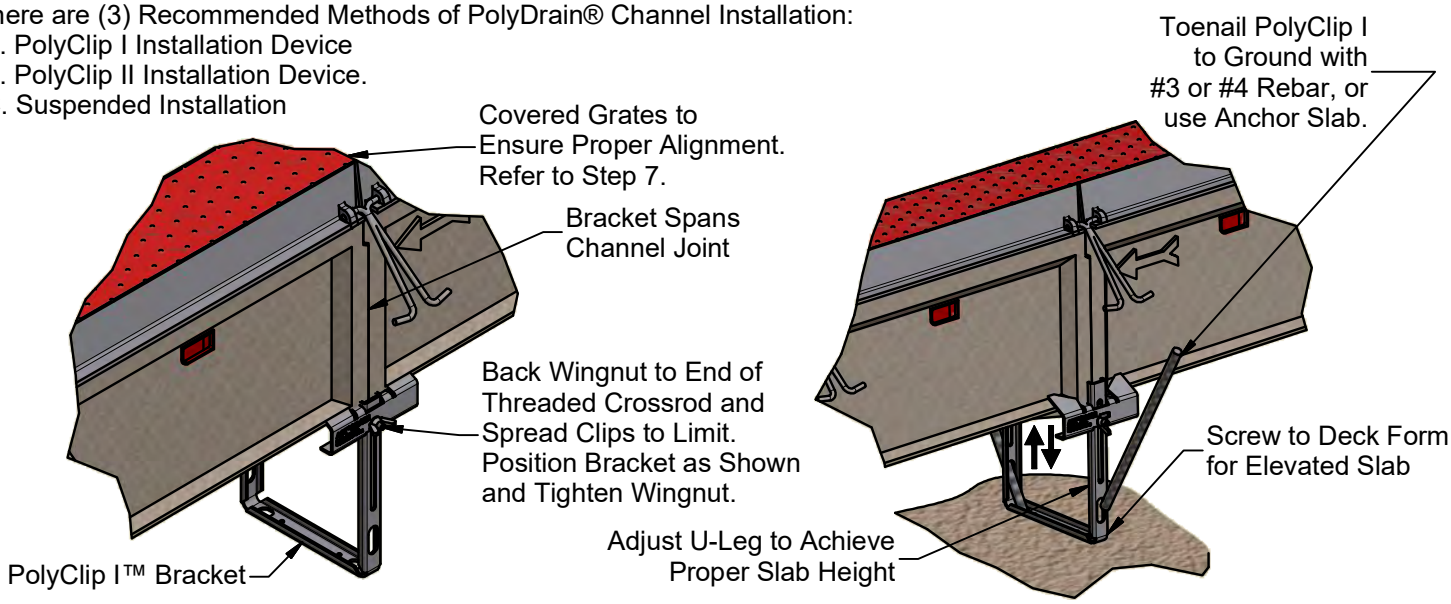


7. GRATE INSTALLATION PRIOR TO CONCRETING

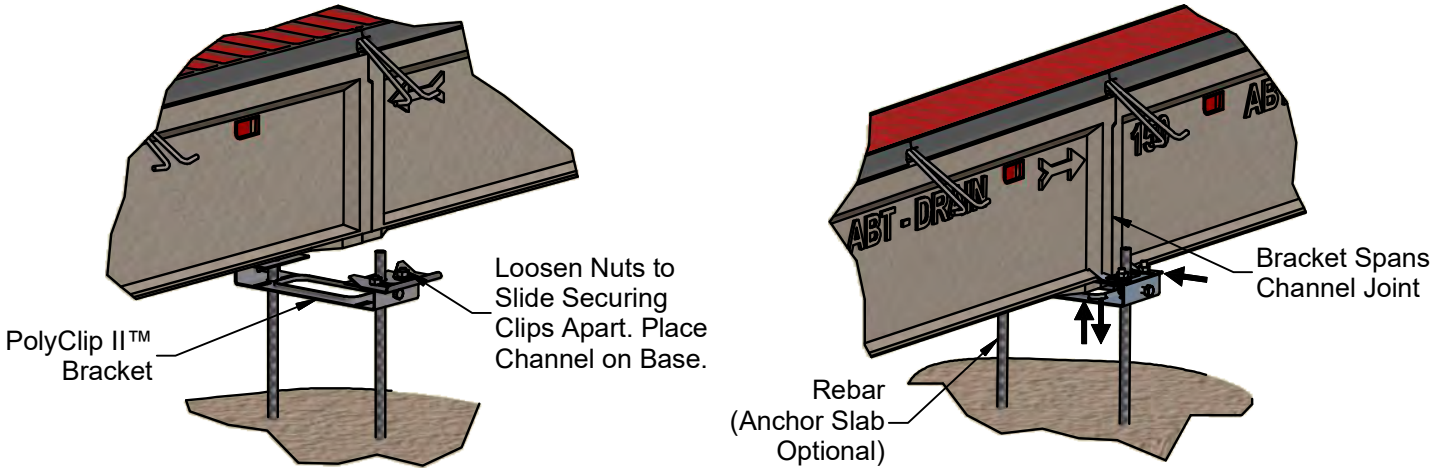
CHANNEL INSTALLATION

Important Installation Notes:

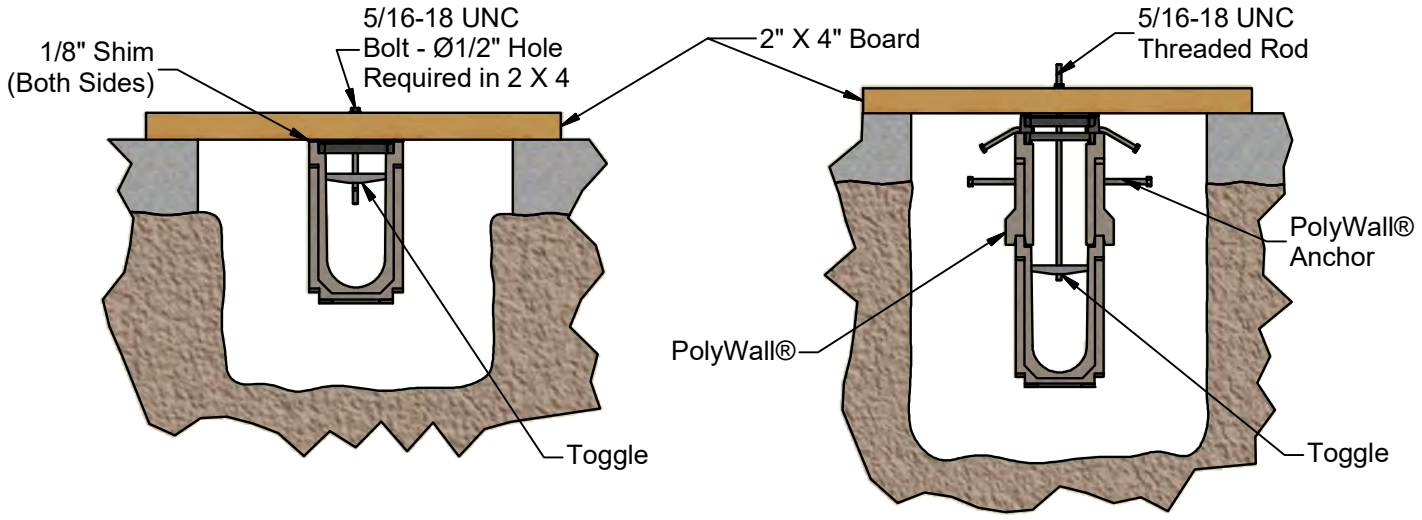
1. Begin Installation at Outlet/Discharge End and Work Backwords (Upstream).
2. Piping Connections, Catch Basin Installation, Miter Joint Assembly, and Trench Excavation Must be Completed Prior to Channel Installation.
3. Set String Line to Finished Slab Height at Outside Edge of Proposed Channel Location.
4. There are (3) Recommended Methods of PolyDrain® Channel Installation:
   A. PolyClip I Installation Device
   B. PolyClip II Installation Device.
   C. Suspended Installation



8A. CHANNEL INSTALLATION WITH POLYCLIP I™

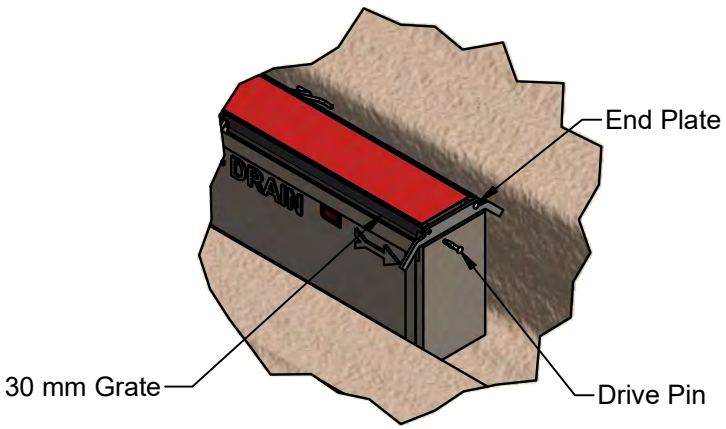


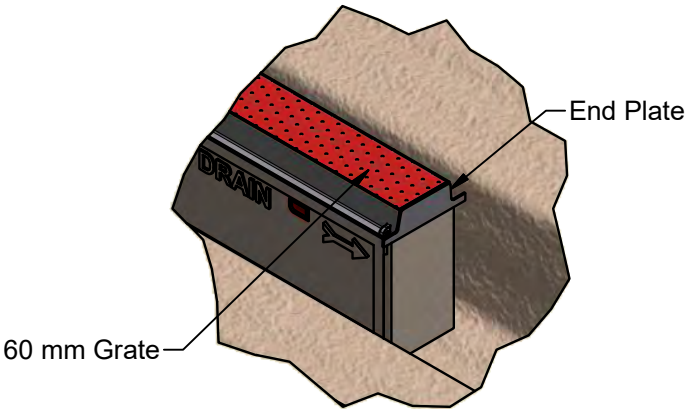
8B. CHANNEL INSTALLATION WITH POLYCLIP II™



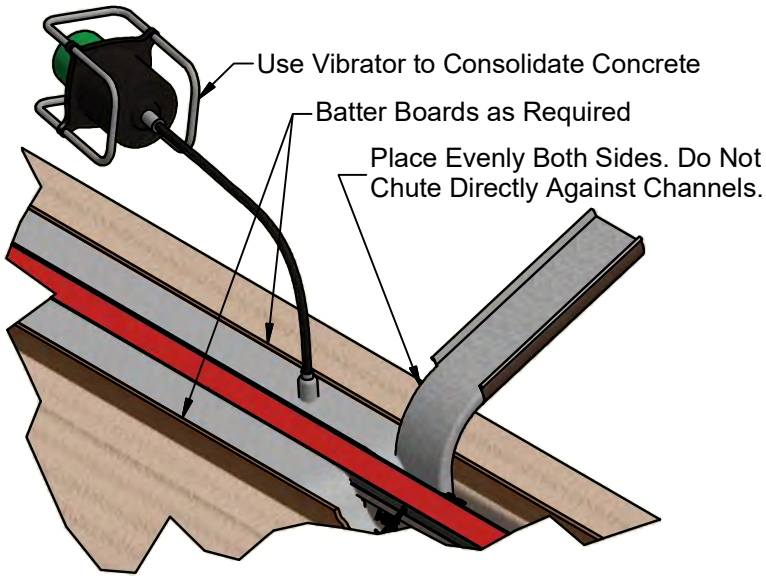
8C. CHANNEL INSTALLATION BY SUSPENSION METHOD

CHANNEL INSTALLATION

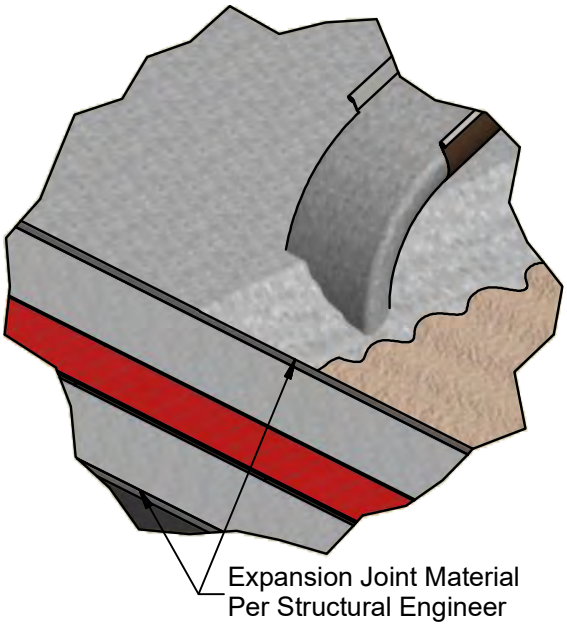




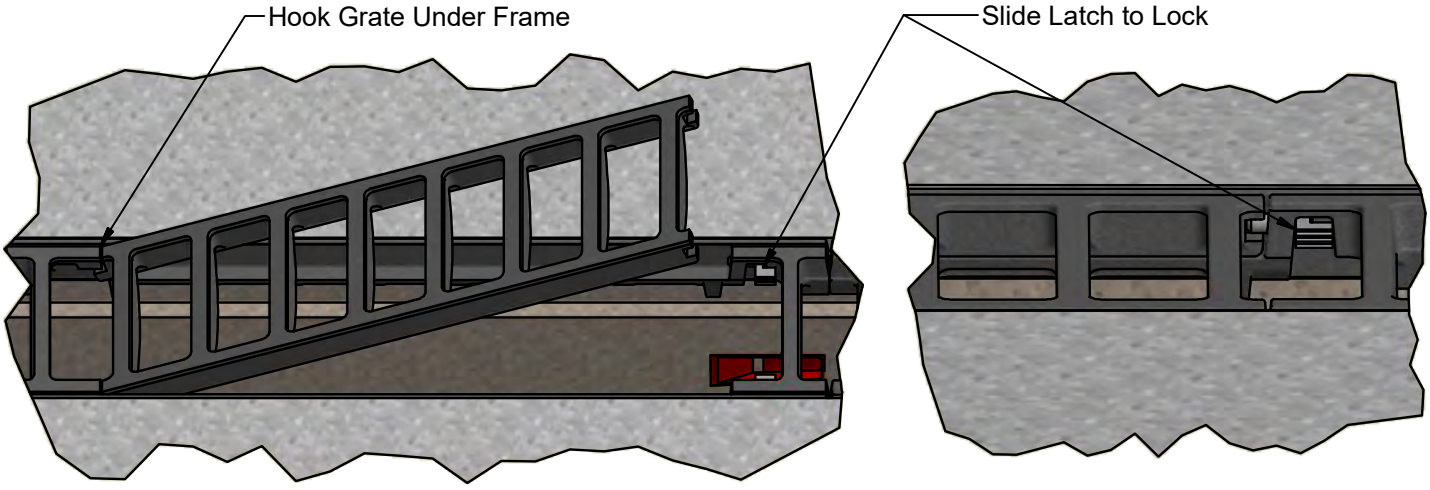
9. END OF RUN - END PLATE INSTALLATION



10. ENCAPSULATION CONCRETE PLACEMENT AND CONSOLIDATION

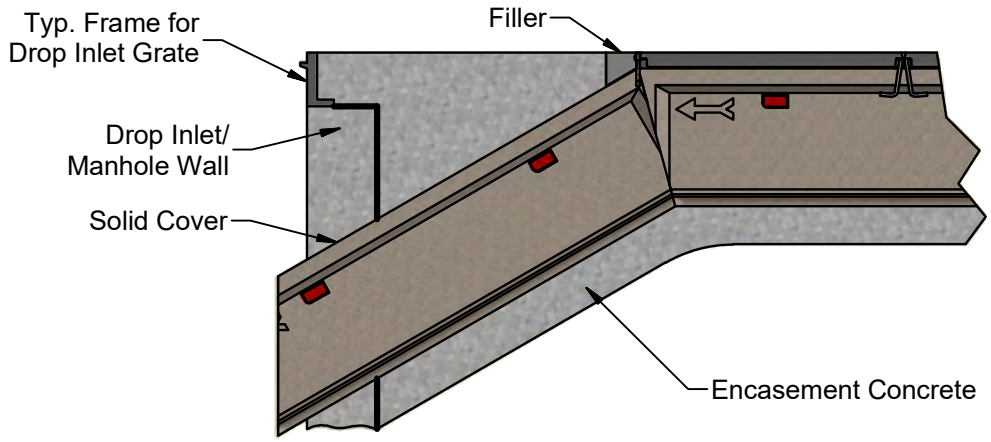


11. ADJACENT CONCRETE PLACEMENT

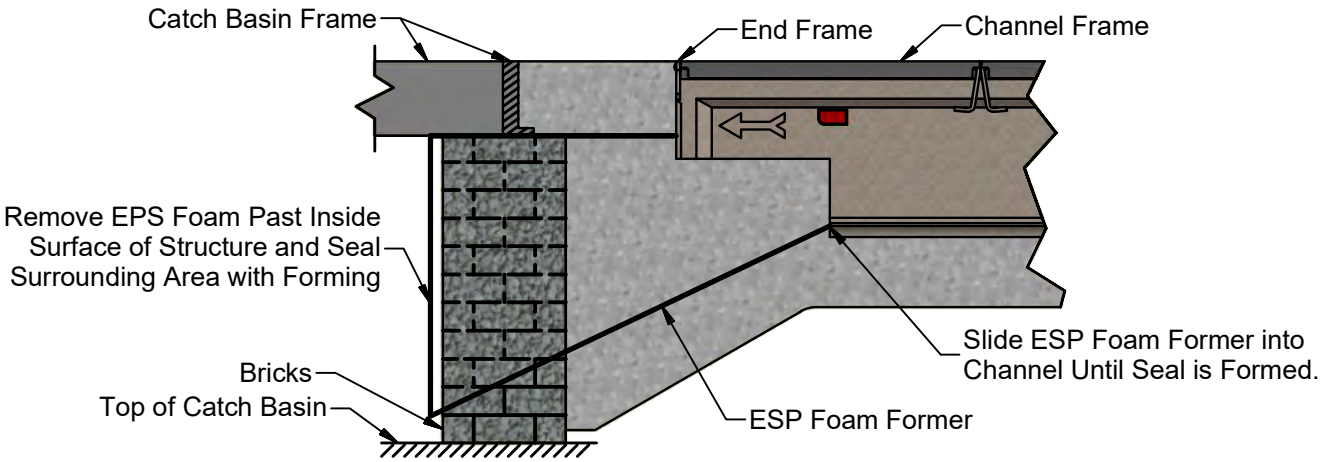


12. GRATE RETENTION

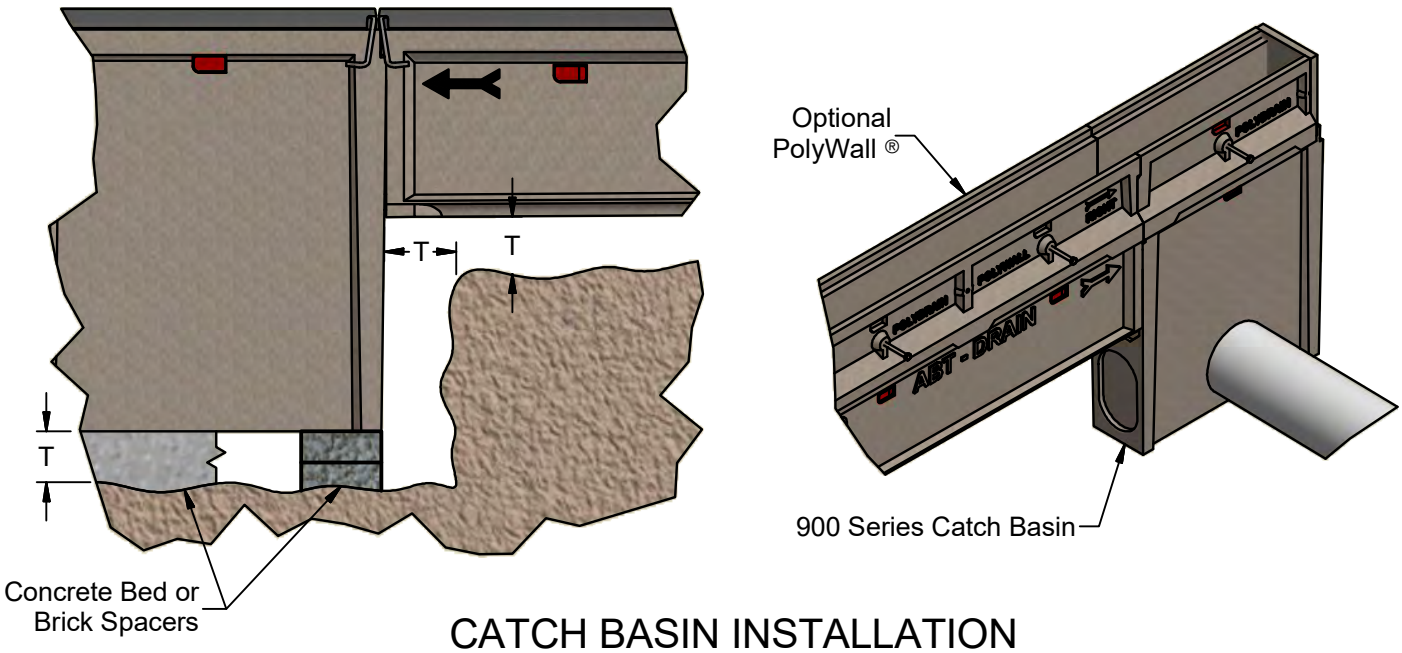
OPTIONAL OUTLET CONNECTIONS



MITER OUTLET CONNECTION



ESP OUTLET CONNECTION



CATCH BASIN INSTALLATION

T = Per Structural Engineer, 6 in [150 mm] Minimum

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NOTES