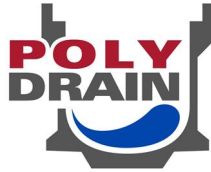


# Interceptor<sup>®</sup>

Pre-Engineered Surface Drainage



## Installation Guide

Supplied By:

**TRENCHDRAIN**  
**SUPPLY**

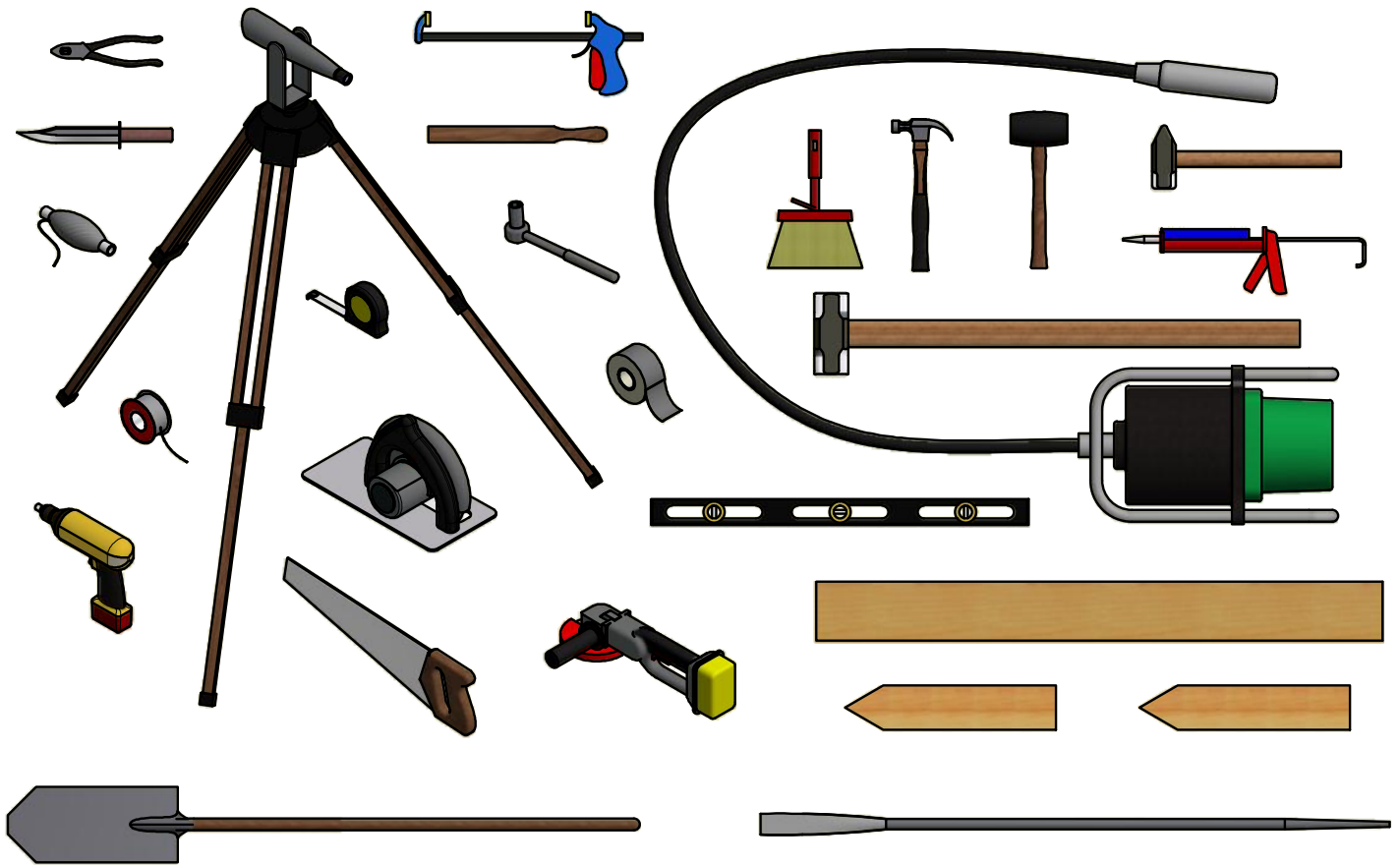
877-903-7246

[www.trenchdrainsupply.com](http://www.trenchdrainsupply.com)

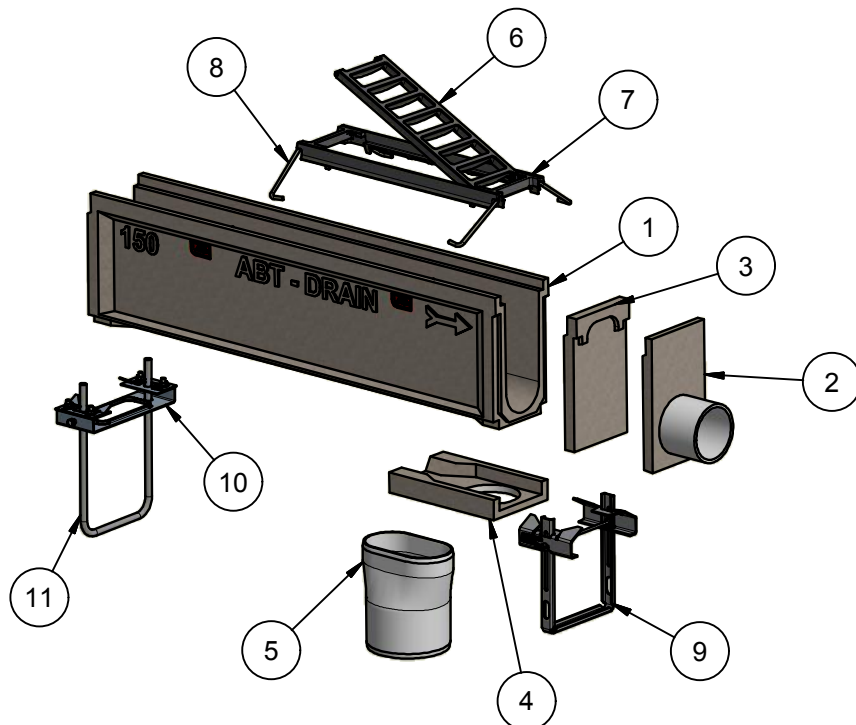
**ABT<sup>®</sup>, INC.**

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

# USEFUL OR REQUIRED TOOLS

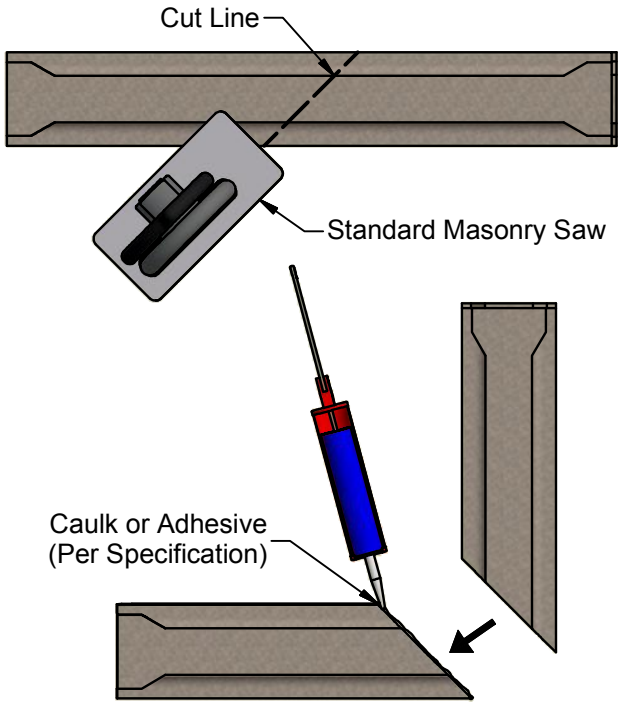


# COMPONENT IDENTIFICATION

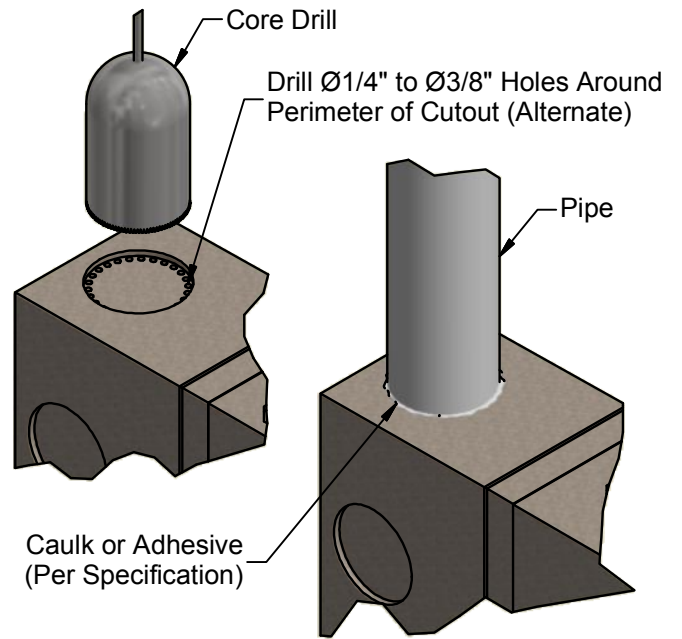


BILL OF MATERIAL	
ITEM	DESCRIPTION
1	PolyDrain® Channel
2	Pipe Stub Outlet Adaptor Plate
3	Plain End Plate
4	Pipe Insert Outlet Adapter Plate
5	Vertical PVC Outlet
6	Grate
7	Frame
8	Frame Anchor
9	PolyClip I™ (Optional)
10	PolyClip II™ (Optional)
11	Rebar U-Leg (Optional)

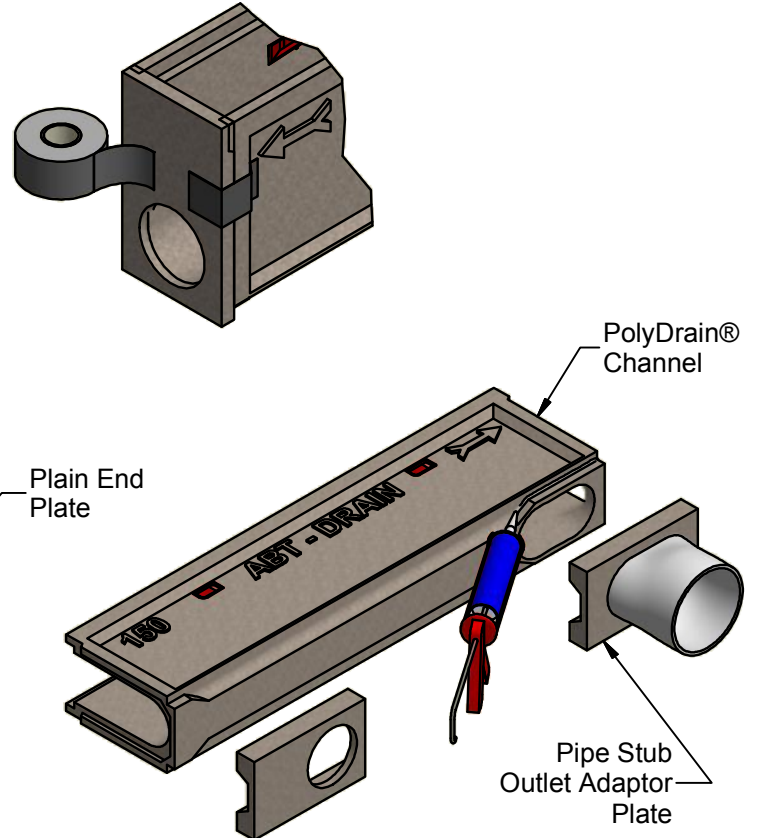
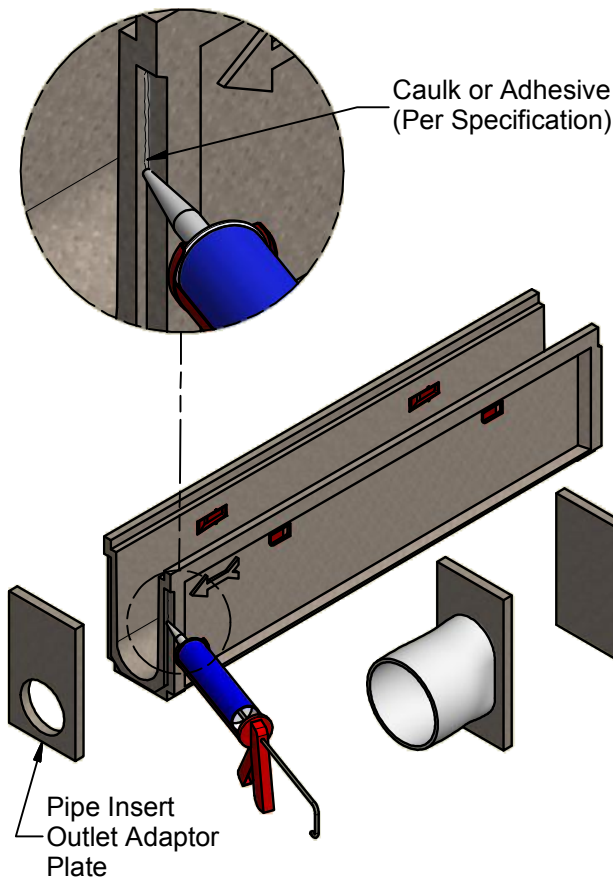
# CHANNEL PREPARATION



1. FORMING MITER JOINTS



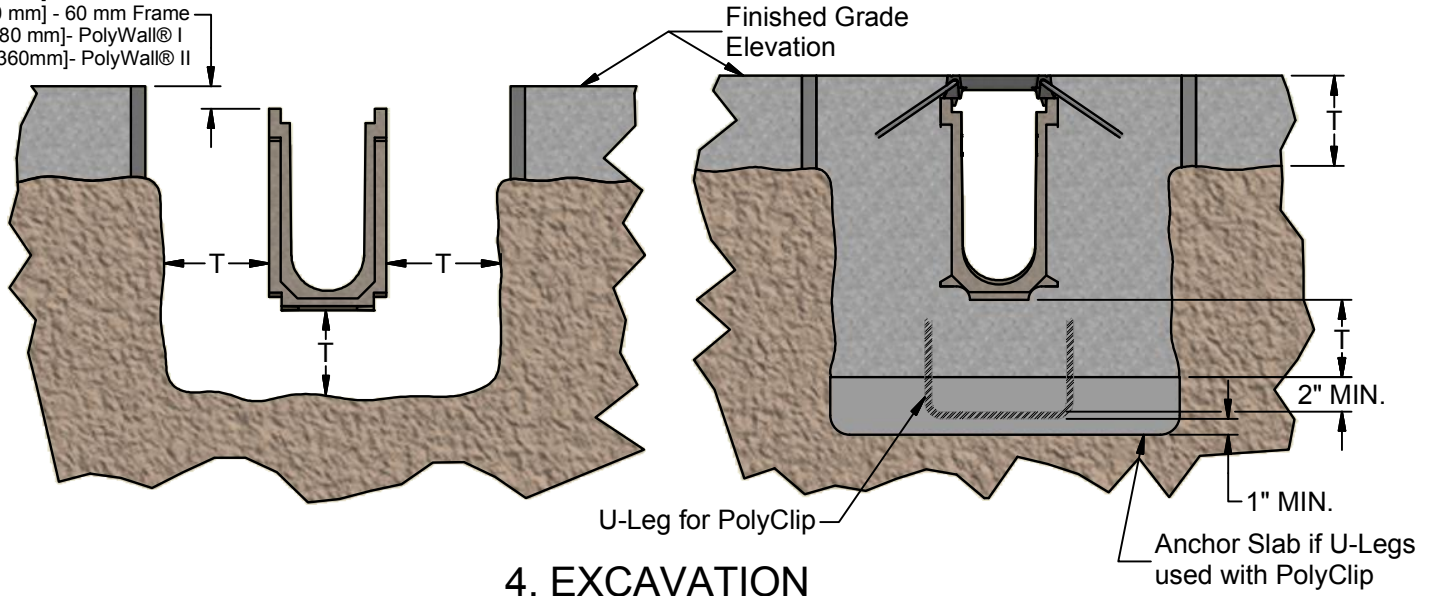
2. PIPE CONNECTION / PREFORMED CUTOUT REMOVAL



3. HORIZONTAL AND VERTICAL OUTLET/CLOSED END PLATES

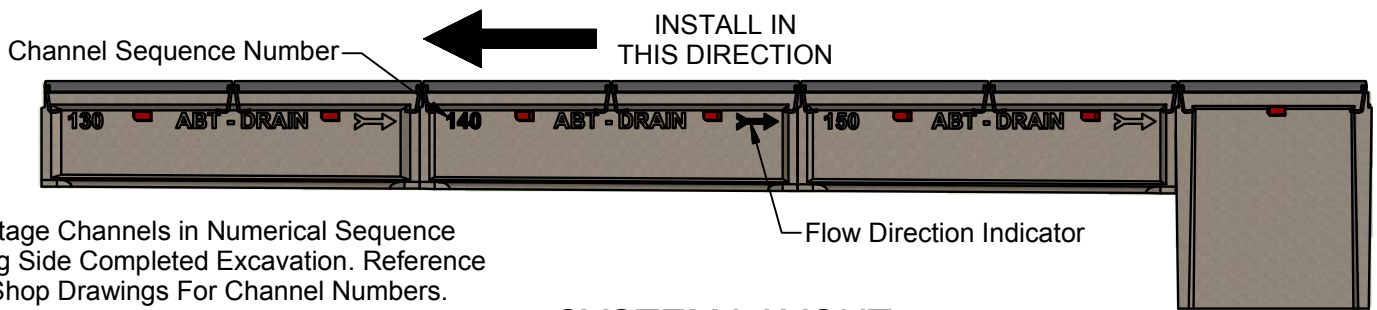
# INSTALLATION PREPARATION

Add To Depth:  
 1.18" [30 mm] - 30 mm Frame  
 2.36" [60 mm] - 60 mm Frame  
 7.07" [180 mm]- PolyWall® I  
 14.17" [360mm]- PolyWall® II



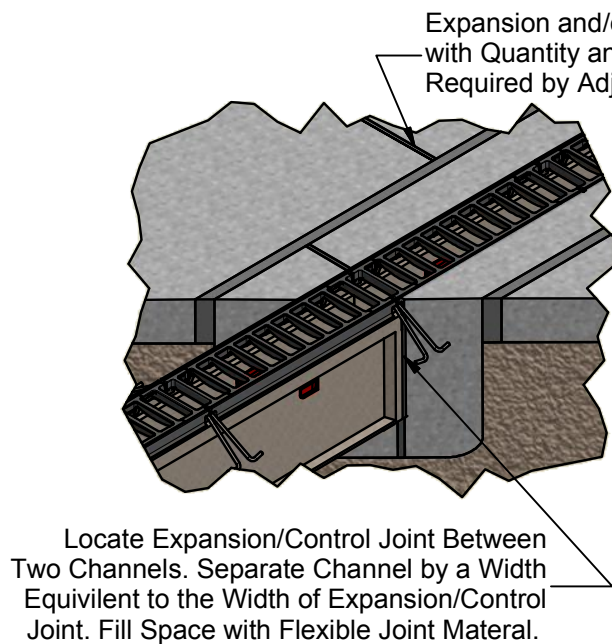
## 4. EXCAVATION

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

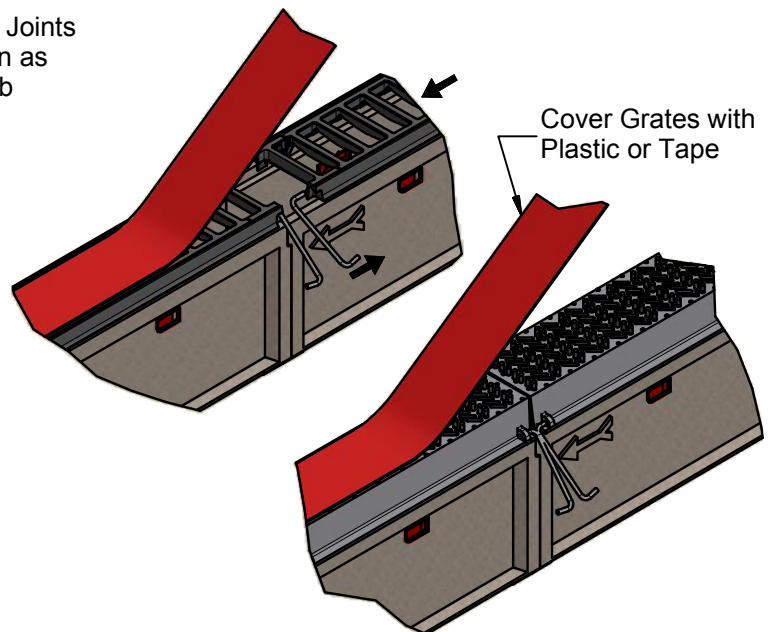


Stage Channels in Numerical Sequence Along Side Completed Excavation. Reference Shop Drawings For Channel Numbers.

## 5. SYSTEM LAYOUT



## 6. EXPANSION/CONTROL JOINTS



## 7. GRATE INSTALLATION PRIOR TO CONCRETING

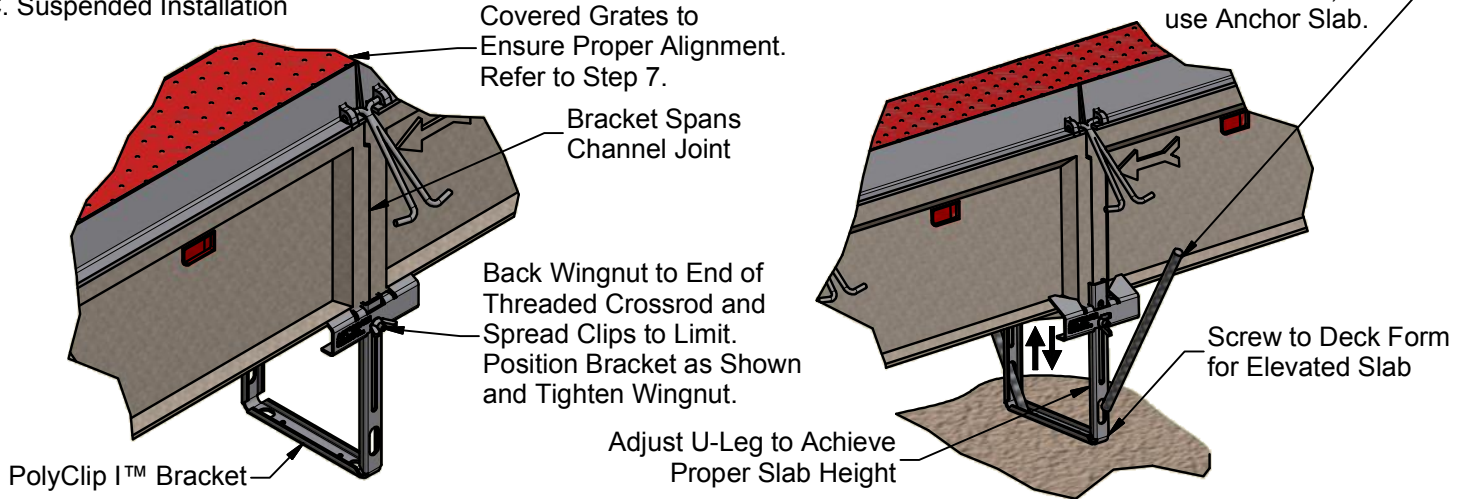


# CHANNEL INSTALLATION

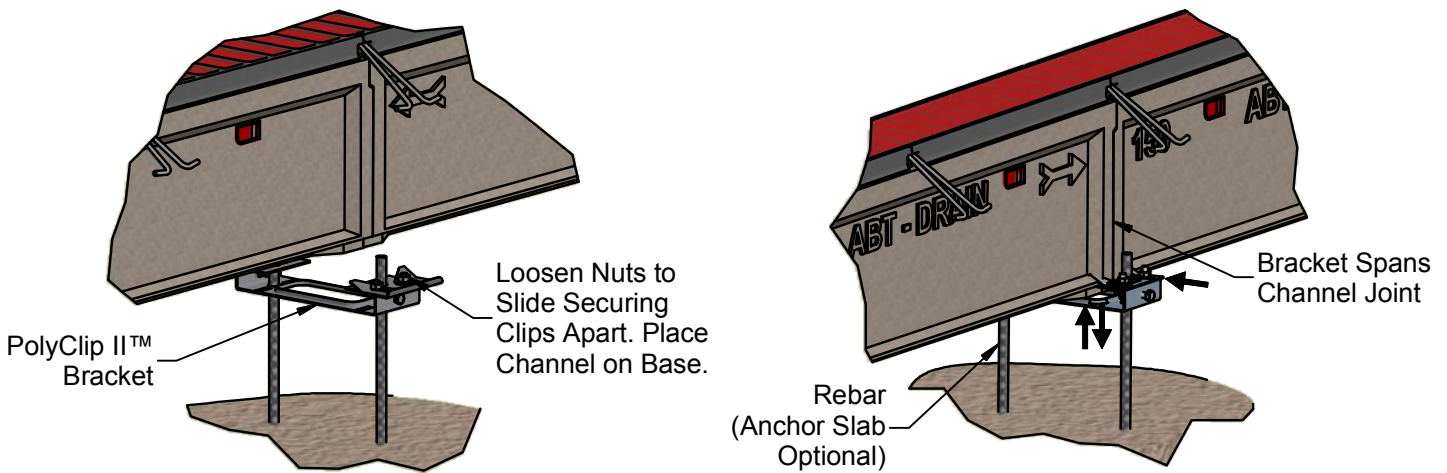
## Important Installation Notes:

1. Begin Installation at Outlet/Discharge End and Work Backwards (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:

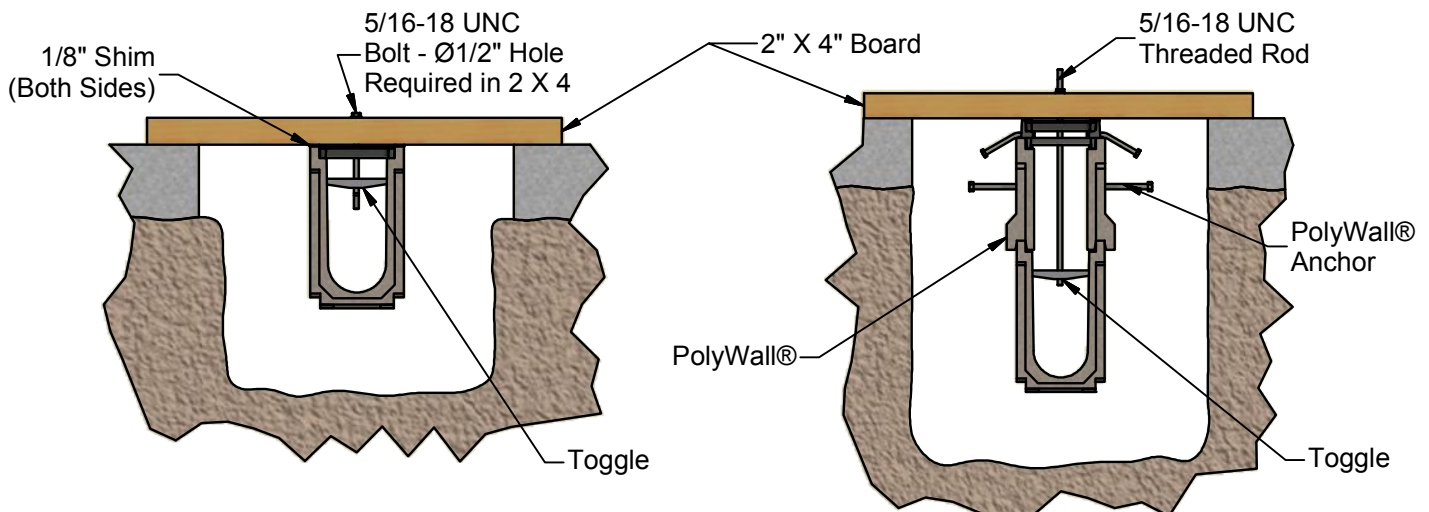
- A. PolyClip I Installation Device
- B. PolyClip II Installation Device.
- C. Suspended Installation



8A. CHANNEL INSTALLATION WITH POLYCLIP I™

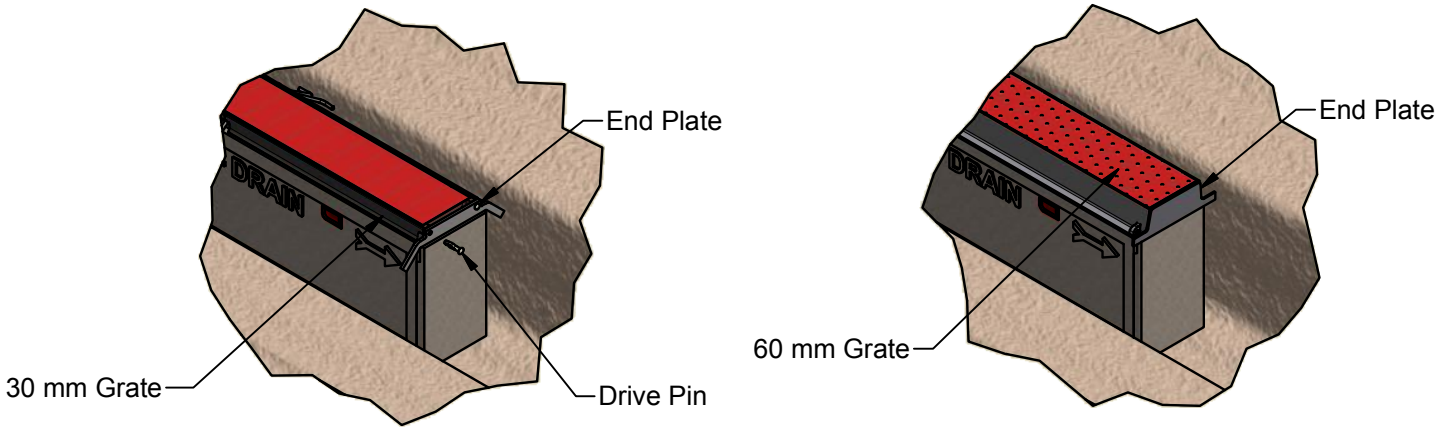


8B. CHANNEL INSTALLATION WITH POLYCLIP II™

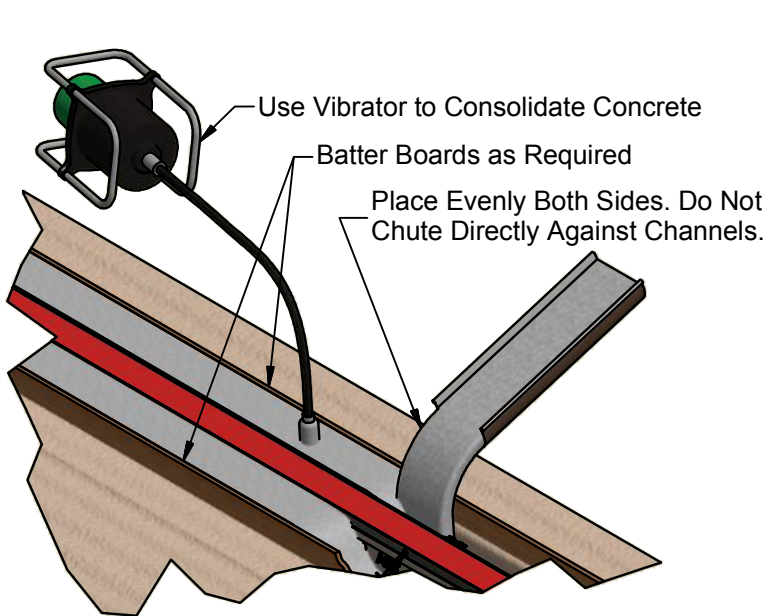


8C. CHANNEL INSTALLATION BY SUSPENSION METHOD

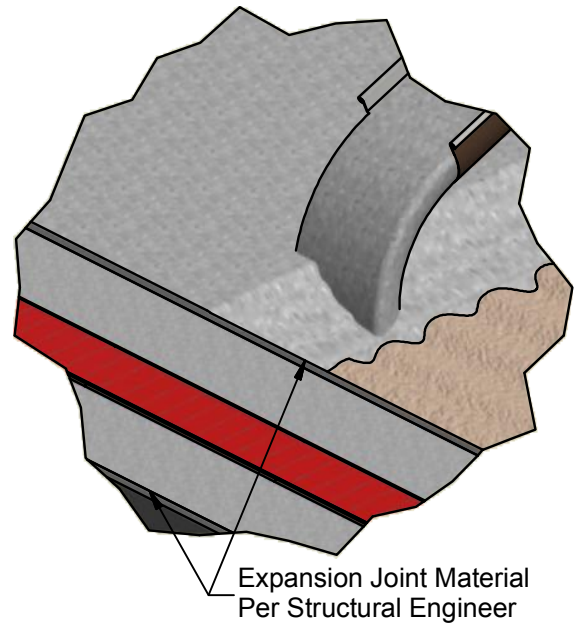
# CHANNEL INSTALLATION



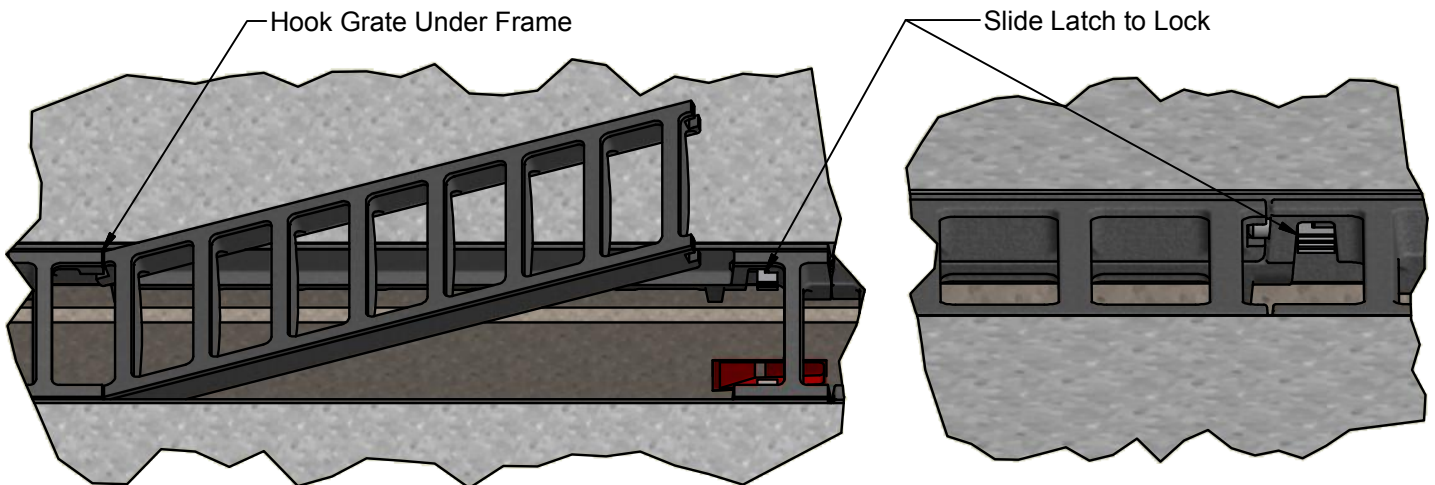
## 9. END OF RUN - END PLATE INSTALLATION



## 10. ENCAPSULATION CONCRETE PLACEMENT AND CONSOLIDATION

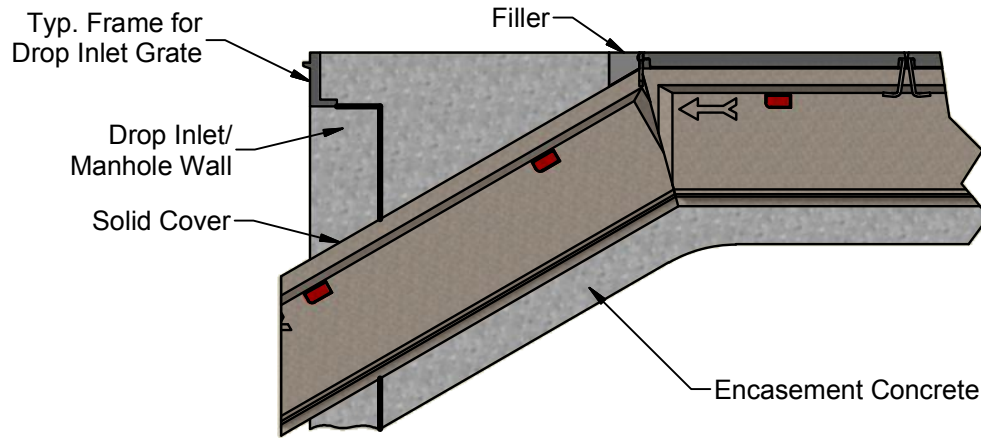


## 11. ADJACENT CONCRETE PLACEMENT

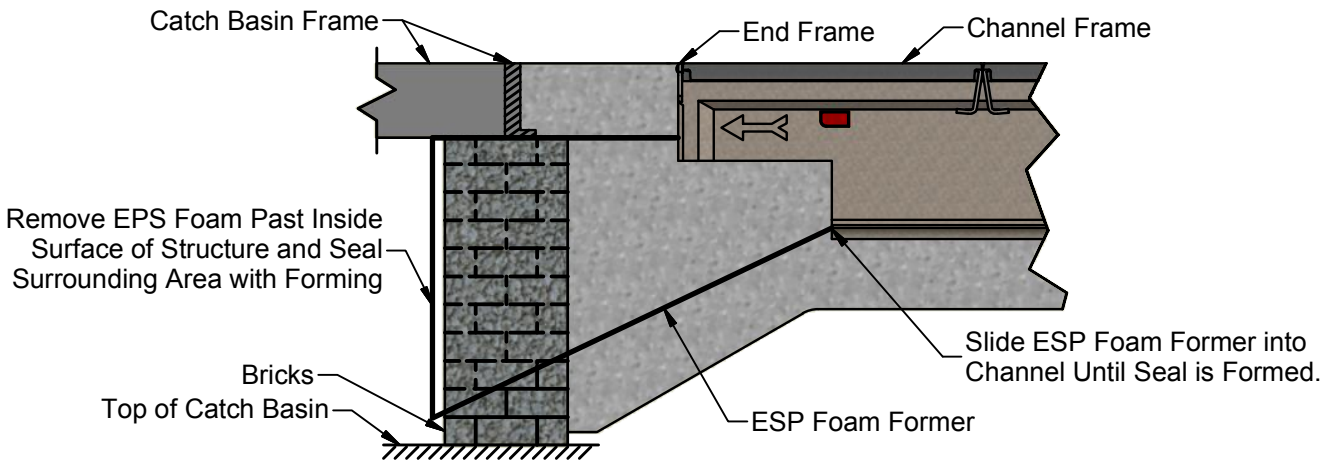


## 12. GRATE RETENTION

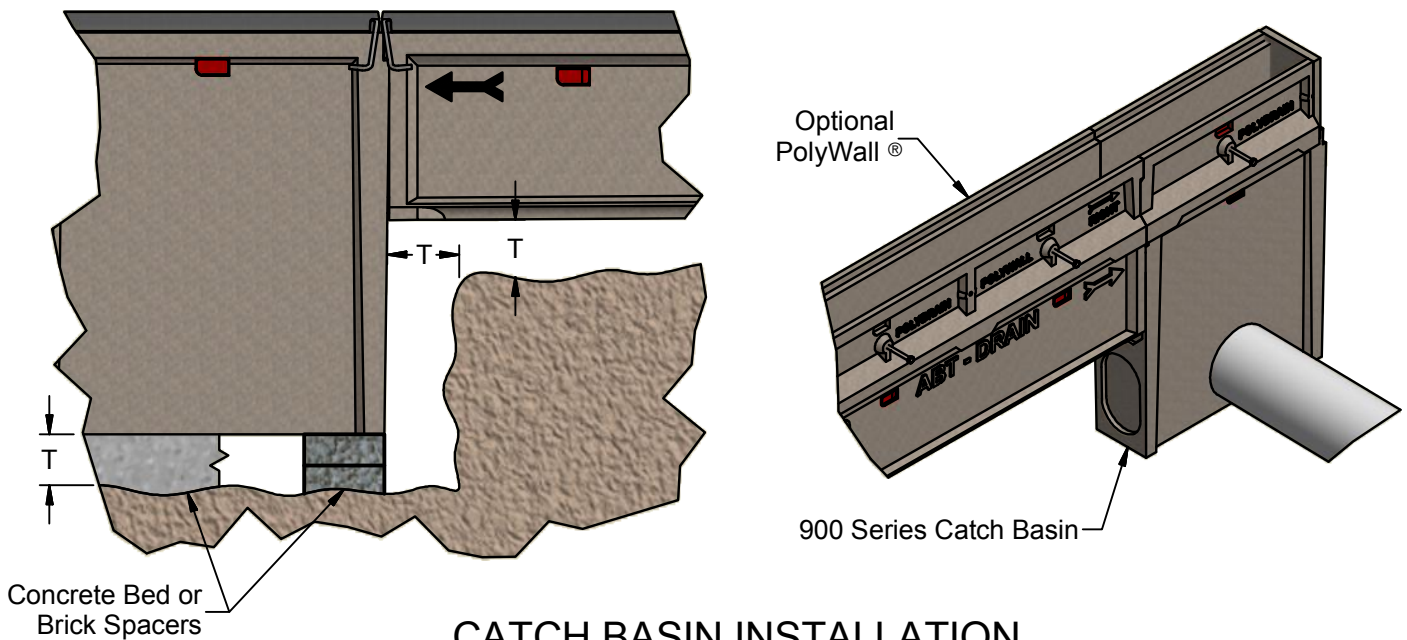
# OPTIONAL OUTLET CONNECTIONS



**MITER OUTLET CONNECTION**



**ESP OUTLET CONNECTION**



**CATCH BASIN INSTALLATION**

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

# Interceptor<sup>®</sup>



## NOTES

