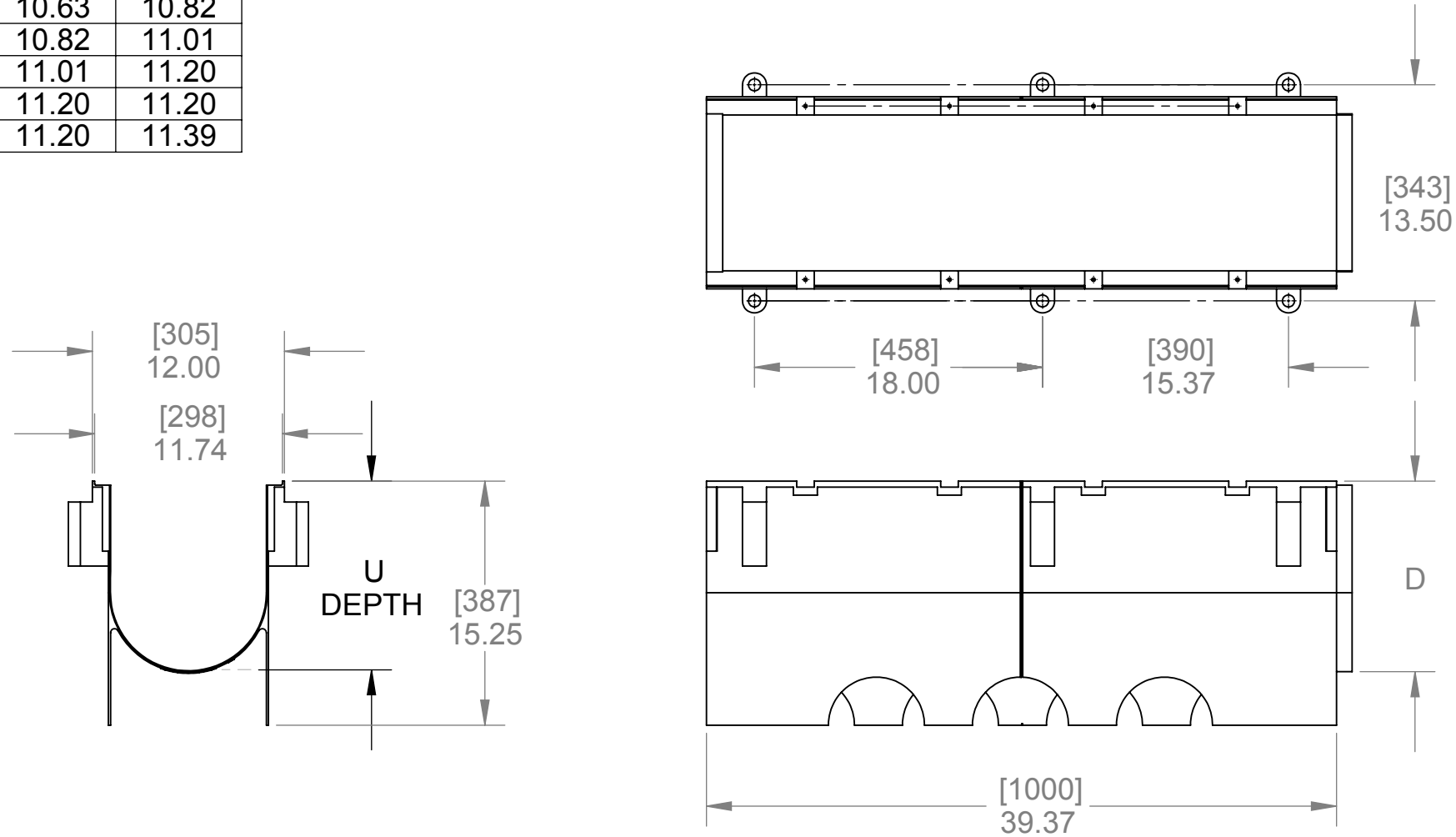


TRENCH CODE	CHANNEL PART NO	U	D
2001N		9.49	9.49
2001		9.49	9.68
2002		9.68	9.87
2003		9.87	10.06
2004N		10.06	10.06
2004		10.06	10.25
2005		10.25	10.44
2006		10.44	10.25
2007		10.25	10.44
2008N		10.44	10.44
2008		10.44	10.63
2009		10.63	10.82
20010		10.82	11.01
20011		11.01	11.20
20012N		11.20	11.20
20012		11.20	11.39

SPECIFICATION DETAIL: QUICK-TRENCH CHANNELS ARE 1 METER (39.4 IN) POLYPROPYLENE SECTIONS WITH UNIFORM EXTERIOR AND 0.5% SLOPED OR NEUTRAL INTERIOR FULL RADIUS BOTTOM FOR EFFICIENT LIQUID DRAINAGE. CHANNELS MATE TO ADJACENT SECTIONS VIA INTEGRAL EARS, CLIPS, AND 25 MM (1 IN) OVERLAPPING TONGUE. EACH CHANNEL CONTAINS 6 RECEPTACLES FOR FIXATION TO #REBAR VIA WIRE OR CABLE TIE. UP TO 15 METER (49.2 FT) SLOPPED DRAINAGE RUN IS POSSIBLE TO A SINGLE END POINT. UP TO 30 METER (98.4 FT) SLOPPED DRAINAGE RUN IS POSSIBLE TO A CENTER POINT COLLECTION POINT. NEUTRAL CHANNELS ARE AVAILABLE TO EXTEND RUN LENGTHS OR WHERE LEVEL TRENCH DRAIN IS DESIRED. CHANNELS HAVE STAGGERED SEMI-CIRCULAR CUTOUTS ON EACH SIDE AT BOTTOM TO ENABLE CONCRETE FLOW UNDER LEGS. DRAINAGE OPTIONS INCLUDE BOTTOM OUTLET, END OUTLET, OR CATCH BASIN. BOTTOM AND END OUTLET FITTINGS IN PVC ARE SIZED TO ACCEPT 3 IN OR 4 IN PIPE. BOTTOM AND END OUTLET FITTINGS ARE AVAILABLE IN PP WHERE CHEMICAL RESISTANCE IS NEEDED. END FITTINGS ARE UNIVERSAL FIT AND FIELD TRIMMED TO APPROPRIATE HEIGHT. GRATING OPTIONS INCLUDE DUCTILE IRON, GALVANIZED, STAINLESS STEEL, AND PLASTIC WITH LOCK DOWN FEATURE TO SECURE GRATE TO CHANNEL. GRATE LOAD RATINGS ARE AVAILABLE IN CLASSES A-E AND MAY BE SPECIFIED ADA COMPLIANT. REFER TO TRENCH CHANNEL TABLE FOR UPSTREAM (U) AND DOWNSTREAM (D) DEPTHS FROM TOP OF CHANNEL.



PROPRIETARY AND CONFIDENTIAL  
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<b>Quick Trench Series 12</b> Lighthouse Industries 107 Eastwood Road Michigan City, IN 46360 P: 219-879-1550 F: 219-879-1509	
		DIMENSIONS ARE IN INCHES		DRAWN	CB		10-2-10
				CHECKED			
				ENG APPR.			
				MFG APPR.			
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.			
		MATERIAL		COMMENTS:			
		PP 40% TF					
		FINISH					
		SPI NO. 4 / C-3					
NEXT ASSY	USED ON	APPLICATION					
		DO NOT SCALE DRAWING					
				SCALE: 1:10			
				SHEET 1 OF 1			

**CHANNEL SECTION**

SIZE **B** DWG. NO. **Q12-2000** REV **0**