DRAIN-RITE INLINE DRAIN STANDARD DETAIL W DOME GRATE



DRAIN-RITE INLINE DRAINS PROVIDE LATERAL PIPE CONNECTIONS FOR 4" TO 30" CORRUGATED **DUAL WALL POLYETHYLENE PIPES, AS WELL AS** SMOOTH-WALL.RIBBED, AND CORRUGATED PVC PIPES. CONNECTIONS TO METAL AND CONCRETE PIPES ARE ALSO SUPPORTED.

TYPICAL GASKETED CORRUGATED PLASTIC PIPE CONNECTION



FOR ALL LATERAL PIPE **CONNECTIONS. REFER** TO PIPE MANUFACTURER MINIMUM BURIAL **DEPTH GUIDELINES.**

DRAIN-RITE PLASTIC DRAINAGE STRUCTURES AND INLINE DRAINS ARE DESIGNED TO BE INSTALLED FOLLOWING THE RECOMMENDED BACKFILL MATERIALS AND METHODS OUTLINED IN ASTM D2321. THESE INCLUDE -CLASS 2 RATED BEDDING AND BACKFILL MATERIALS SUCH AS ANGULAR STONE AND OTHER CRUSHED OR GRANULAR SUBSTANCES, AS SPECIFIED IN **ASTM D2321**. THE BEDDING AND BACKFILL MUST ALSO BE PLACED AND COMPACTED IN LAYERS IN ACCORDANCE WITH ASTM D2321 REQUIREMENTS.



WEST 9-30321 FRASER HWY ABBOTSFORD, BC

231 KING STREET BARRIE, ON 1-888-431-0511

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES: LINEAR: ± 1/2" ANGULAR: ± 2°	REV	DESCRIPTION	DATE	DRAWN	GOWTHAM	09-JUL-202
	0	INITIAL DRAWING	09-JUL-2025	CHECKED	ROB JULIEN	09-JUL-202
				APPROVED		
				Q.A.		

COMMENTS:

21450 NW WEST UNION Rd. HILLSBORO, OR 97124 1-877-814-2803

DESCRIPTION DRAIN-RITE INLINE DRAIN STANDARD DETAIL W DOME GRATE

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PART NUMBER		REV
N/A		0
MATERIAL:		
SCALE:1:22.5	WEIGHT:	SHEET 1 OF 2

NOTE:

- 1. **DRAIN-RITE** PLASTIC DRAINAGE STRUCTURES, INCLUDING **DRAIN BASINS** AND **INLINE DRAINS**, ARE MADE FROM PVC PIPE STOCK. A **THERMO-MOLDING** PROCESS IS USED TO ENSURE A CONSISTENT WATERTIGHT SEAL THROUGHOUT THE DRAINAGE STRUCTURE AND ITS OUTLET STUBS. THE PVC RESIN USED IN THE PRODUCTION MEETS THE **ASTM D1784** CELL CLASS **12454** STANDARD.
- 2. THE **OUTLET STUBS** FOR **DRAIN-RITE** PLASTIC DRAINAGE STRUCTURES ARE ALSO MANUFACTURED FROM PVC PIPE STOCK UTILIZING **THERMO-MOLDING** PROCESS TO ENSURE A TIGHT PIPE-TO-STRUCTURE FIT, SO THAT THE APPROPRIATE PIPE GASKETS, THE PIPE-TO-STRUCTURE CONNECTION MEETS OR EXCEEDS THE PRESSURE REQUIREMENTS OF THE **ASTM D3212** STANDARD FOR PIPE CONNECTIONS OF PLASTIC DRAINAGE PIPE AND SEWER PIPE USING FLEXIBLE ELASTOMERIC SEALS. THESE PIPE GASKETS MUST MEET **ASTM F477** REQUIREMENTS.
- 3. 12" THROUGH 36" ROUND AND SQUARE HINGED STANDARD GRATES AND SOLID COVERS MEET H25 LOAD RATING. 12" THROUGH 24" ROUND AND SQUARE HINGED STANDARD GRATES MEET H10 LOAD RATING. TRAFFIC FAMILY AND CURB INLET 2' X 2' AND 2' X 3' GRATES MEET H25 LOAD RATING. 8" AND 10" GRATES AND SOLID COVERS ARE ONE PIECE DROP-IN CASTINGS DESIGNED FOR LIGHT DUTY LOAD APPLICATIONS. ALL DOMED GRATES ARE NOT LOAD RATED.

REV	DESCRIPTION	DAIE	DRAWN	GOWIHAM	09-JUL-2025	DESCRIPTION		
0	INITIAL DRAWING	09-JUL-2025	CHECKED	ROB JULIEN	09-JUL-2025	DRAIN		
			APPROVED					
			Q.A.					
			COMMENTS:			PART NUMBER		REV
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						SCALE:1:22.5	WEIGHT:	SHEET 2 OF 2
		0 INITIAL DRAWING	0 INITIAL DRAWING 09-JUL-2025	0 INITIAL DRAWING 09-JUL-2025 CHECKED APPROVED Q.A. COMMENTS:	0 INITIAL DRAWING 09-JUL-2025 CHECKED ROB JULIEN APPROVED Q.A. COMMENTS:	0 INITIAL DRAWING 09-JUL-2025 CHECKED ROB JULIEN 09-JUL-2025 APPROVED Q.A. COMMENTS:	0 INITIAL DRAWING 09-JUL-2025 CHECKED ROB JULIEN 09-JUL-2025 DRAIN APPROVED Q.A. COMMENTS: PART NUMBER N/A MATERIAL:	0 INITIAL DRAWING 09-JUL-2025 CHECKED ROB JULIEN 09-JUL-2025 DRAIN-RITE INLINE STANDARD DETAIL W DOME OF DET

COMPLIANT OF THE OPEN DESCRIPTION