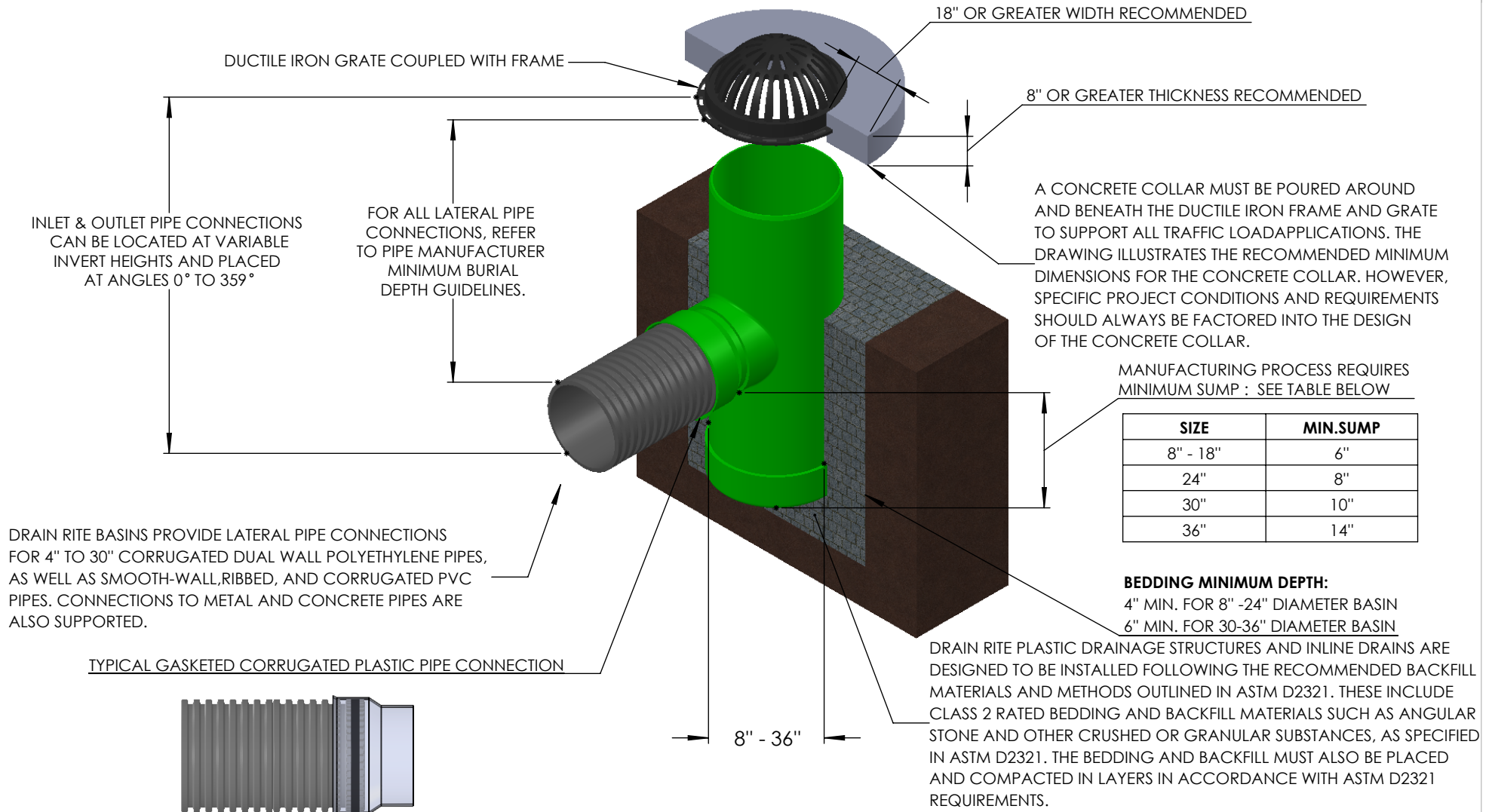


# DRAIN-RITE BASIN DOMED DETAIL



Galaxy Plastics Ltd.

WEST  
9-30321 FRASER HWY  
ABBOTSFORD, BC  
V4X 1T3  
1-877-808-1088

EAST  
231 KING STREET  
BARRIE, ON  
L4N 6B5  
1-888-431-0511

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


DIMENSIONS ARE IN  
INCHES UNLESS  
OTHERWISE SPECIFIED  
TOLERANCES:  
LINEAR:  $\pm 1/2"$   
ANGULAR:  $\pm 2^\circ$

REV	DESCRIPTION	DATE	DRAWN	GOWTHAM	11-APR-2025
0	INITIAL DRAWING	11-APR-2025	CHECKED	ROB JULIEN	11-APR-2025
			APPROVED		
			Q.A.		
			COMMENTS:		

DESCRIPTION		
DRAIN-RITE BASIN STANDARD DETAIL		
PART NUMBER		REV
N/A		0
MATERIAL :		
SCALE: 1 : 20	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. RISER PIPE EXTENSIONS ARE REQUIRED FOR DRAIN BASINS TALLER THAN 84" DUE TO SHIPPING RESTRICTIONS, AND ARE AVAILABLE FOR CONVENIENT IN-THE-FIELD DRAIN BASIN HEIGHT ADJUSTMENTS.
4. GRATES, COVERS, AND FRAMES SHALL BE CONSTRUCTED OF DUCTILE IRON MEETING ASTM A536 GRADE 80-55-06. 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.

 <u>Gaaxy Plastics Ltd.</u>	<p>WEST 9-30321 FRASER HWY ABBOTSFORD, BC V4X 1T3 1-877-808-1088</p> <p>EAST 231 KING STREET BARRIE, ON L4N 6B5 1-888-431-0511</p> <p>U.S.A. 21450 NW WEST UNION Rd, HILLSBORO, OR 97124 1-877-814-2803</p>	DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES: LINEAR: ± 1/2" ANGULAR: ± 2°		REV	DESCRIPTION	DATE	DRAWN	GOWTHAM	11-APR-2025	DESCRIPTION  <b>DRAIN-RITE BASIN STANDARD DETAIL</b>		
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										MATERIAL :		
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