

*CORRUGATED POLYETHYLENE
STORM SEWER PIPE



NTS

1. AS ACCEPTABLE ALTERNATIVES TO THE REBAR SHOWN IN THE PRECAST BASE SECTION, FIBERS (PLACED ACCORDING TO THE STANDARD SPECIFICATIONS), OR WIRE MESH HAVING A MINIMUM AREA OF 0.12 SQUARE INCHES PER FOOT SHALL BE USED WITH THE MINIMUM REQUIRED REBAR SHOWN IN THE ALTERNATIVE PRECAST BASE SECTION. WIRE MESH SHALL NOT BE PLACED IN THE KNOCKOUTS.
2. THE KNOCKOUT DIAMETER SHALL NOT BE GREATER THAN 20". KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM TO 2.5" MAXIMUM. PROVIDE A 1.5" MINIMUM GAP BETWEEN THE KNOCKOUT WALL AND THE OUTSIDE OF THE PIPE. AFTER THE PIPE IS INSTALLED, FILL THE GAP WITH JOINT MORTAR IN ACCORDANCE WITH STANDARD SPECIFICATION 9-04.3.
3. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE LOWEST PIPE INVERT SHALL BE 5'.
4. THE FRAME AND GRATE MAY BE INSTALLED WITH THE FLANGE UP OR DOWN. THE FRAME MAY BE CAST INTO THE ADJUSTMENT SECTION.
5. THE PRECAST BASE SECTION MAY HAVE A ROUNDED FLOOR, AND THE WALLS MAY BE SLOPED AT A RATE OF 1:24 OR STEEPER.
6. THE OPENING SHALL BE MEASURED AT THE TOP OF THE PRECAST BASE SECTION.
7. ALL PICKUP HOLES SHALL BE GROUTED FULL AFTER THE BASIN HAS BEEN PLACED.



NTS

2
5,6



1. THE CONCRETE SHALL BE A MINIMUM OF CLASS 3000.
2. THE TOTAL WIDTH OF THE NON-SYMMETRICAL "V" GUTTER MAY BE REDUCED TO 30" WHEN CONSTRUCTED WITH A CURB-EXTRUSION MACHINE

NTS


A diagram of a semicircle. A horizontal line segment represents the diameter, labeled with the number 5,6 below it. A semicircular arc is drawn above the diameter. The radius, which is the distance from the center of the diameter to the arc, is labeled with the number 3 above the arc.



NTS

$$\frac{4}{5,6}$$


A diagram showing a horizontal line segment with a semicircle above it. The diameter of the semicircle is labeled with the number 5 below it. The center of the semicircle is labeled with the letter A above the midpoint of the diameter.

				FINAL CONSTRUCTION CHECKED		DATE 9/26/08	SCALE AS SHOWN		CITY OF TACOMA DEPARTMENT OF PUBLIC WORKS		
		BY		DESIGNED ABO	CHECKED SWK				MULTICARE MEDICAL CENTER EMERGENCY DEPARTMENT & CANCER CARE CENTER EXPANSION CITY OF TACOMA STANDARD PLANS		SHEET NO.
		DATE		DRAWN REB	FILE NAME						
		FIELD BOOKS									
NO	REVISION	DATE	APPD.								