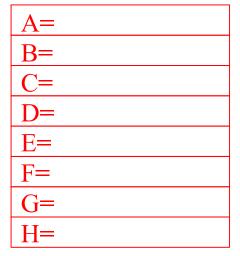
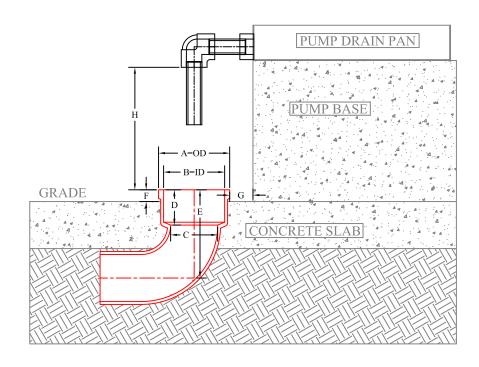
## MEASURING NOTES FOR CAST IRON HUB QUARTER BEND.

- 1. CHECK INSIDE OF HUB FOR ANY SCALE BUILDUP OR TRASH AND REMOVE PRIOR TO TAKING MEASUREMENTS.
- 2. MEASURE "C" DIMENSION WITH ID CALIPERS. SET CALIPERS SO THEY LIGHTLY TOUCH INSIDE WALL OF PIPE. SLIDE CALIPERS UP & DOWN & ROTATE TO ASSURE PIPE IS ROUND AND THERE ARE NO OBSTRUCTIONS.
- 3. MEASURE "D" DIMENSION TO BEGINING OF SMALLEST DIAMETER "C". SHOULD BE 3" FOR 4" CAST IRON HUB.
- 4. MEASURE "E" DIMERSION AT CENTER OF HUB STRAIGHT DOWN UNTIL IT TOUCHES BEND. DEPTH SHOULD BE ABOUT  $7\frac{1}{2}$ " FOR 4" QUARTER BEND.
- 5. DIMENSION "F" IS DISTANCE HUB SITS ABOVE GRADE.
- 6. DIMENSION "G" IS DISTANCE HUB SITS FROM ANY FOUNDATION.
- 7. DIMENSION "H" IS DISTANCE TO ANY DRAIN LINE OR OTHER OBSTRUCTION ABOVE TOP OF HUB PREVENTING INSTALLATION OF ESSCO SEWER SEAL. VERIFY THAT DRAIN LINES CAN BE REVISED AND OBSTRUCTIONS CAN BE MOVED.
- 8. TAKE DIGITAL PHOTOGRAPH AND SEND WITH MEASURE SHEET.





CUSTOMER:	DATE:	MATERIAL:	TYPE 304 STAINLESS STEEL	DWG. NO: MSCIH90	REV:
	ESSCO PRODUCTS ARE PROTECTED BY U.S. & INTERNATIONAL PATENTS AND/OR PATENTS PENDING	MEASUREMENT SHEET CAST IRON QUARTER BEND			
		ESSCO	ENVIROSAFE SE	ALING SYSTEMS (	CO., INC.
			BATON ROU	GE, LA (225) 753-1	505
SERIAL NO.:		MODEL:			