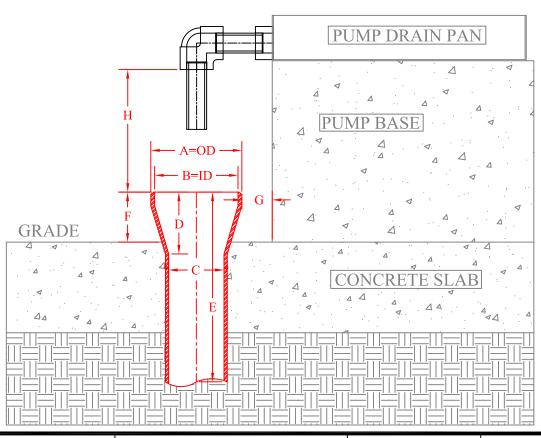
## MEASURING NOTES FOR CARBON STEEL HUBS.

- 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".
- 4. MEASURE "E" DIMERSION AT CENTER OF HUB TO ANY OBSTRUCTION (90 OR 45). DEPTH SHOULD BE STRAIGHT TO 10" FOR 4" LINES AND 12" FOR 6" LINES. IF OBSTRUCTION INTERFEARS WITH REQUIRED DEPTH, USE APPROPIATE MEASURE SHEET OR MAKE SKETCH
- 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.

A=	
B=	
C=	
D=	
E=	
F=	
G=	
H=	



CUSTOMER:	DATE:	MATERIAL: TYP	PE 304 STAINLESS STEEL	DWG. NO: MSCSR	REV:
	ESSCO PRODUCTS ARE PROTECTED	MEAS	URE SHEET CARBO	N STEEL REDUCER	
	BY U.S. & INTERNATIONAL PATENTS AND/OR PATENTS PENDING	ESSCO	ENVIROSAFE SEA	ALING SYSTEMS CO	O., INC.
		LSSCO	BATON ROU	GE, LA (225) 753-15	05
SERIAL NO.:		MODEL:			