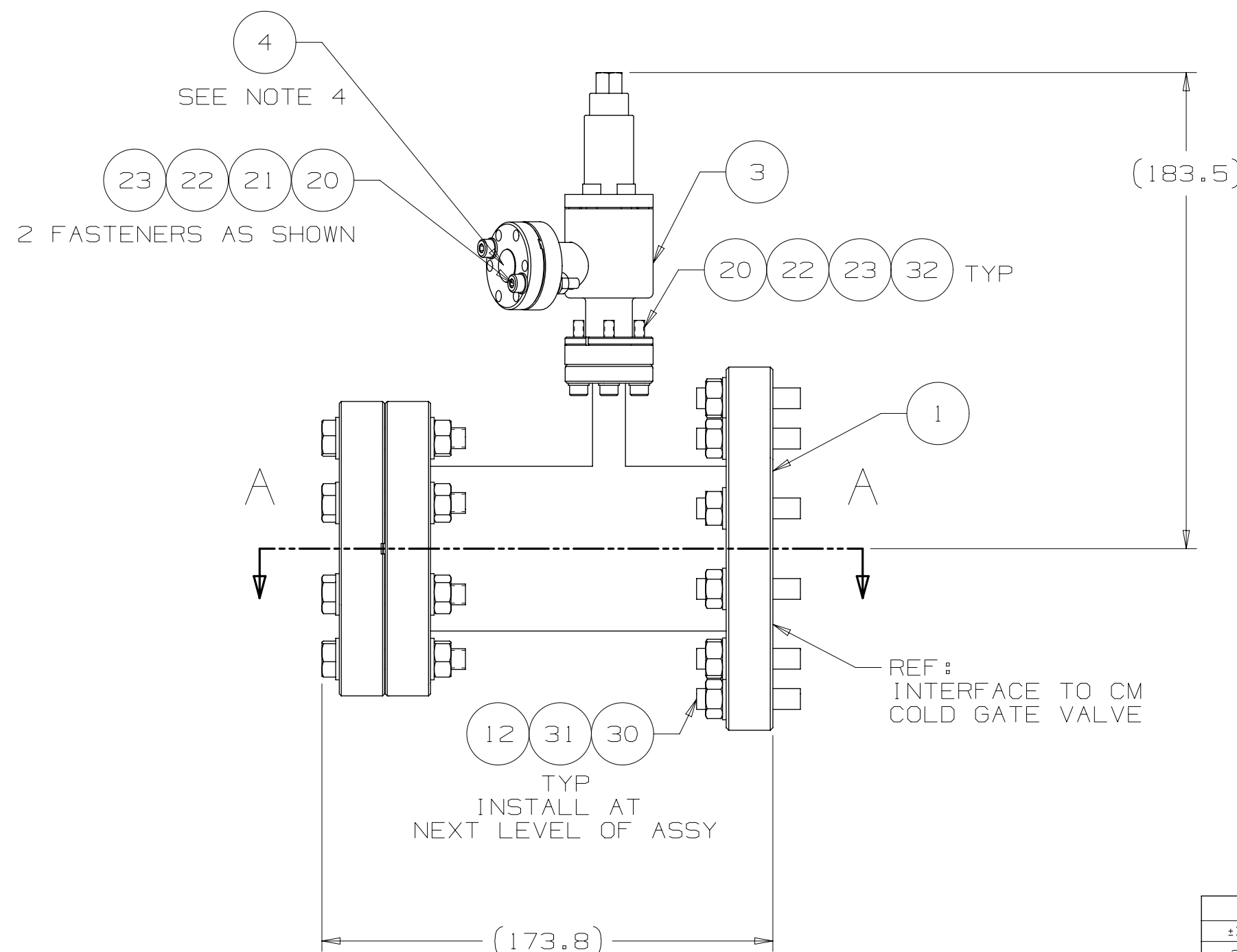


A detailed technical line drawing of a pressure washer assembly. The main body is a cylindrical wand with a large, circular, flange-like front end secured by eight hexagonal bolts. A spray lance is attached to the top of the wand, featuring a trigger gun with a circular handle and a spray tip. The drawing is a perspective view, showing the front and side of the assembly.



1. CLEAN, ASSEMBLE AND HANDLE FOR UHV/PARTICLE-FREE SERVICE
PER ED0003571
2. LEAK CHECK ASSEMBLY. NO LEAK SHALL BE DETECTABLE
ON THE MOST SENSITIVE SCALE OF A HELIUM MASS SPECTROMETER
LEAK DETECTOR WITH A MINIMUM He SENSITIVITY OF
2 X 10⁻¹⁰ ATM-CC/SEC
3. PROTECT SEALING SURFACES FROM DAMAGE AT ALL TIMES,
SEALING SURFACES SHALL BE FREE FROM SCRATCHES, GOUGES, CHATTER MARKS, ETC.
4. ITEM 4 INCLUDES SINTERED PARTICULATE FILTER (REF: 316L SS, 0.5um MEDIA SIZE)
FOR AIR ESCAPE DURING CRYOSTAT PUMPDOWN AT CMTS
BLOW-OFF THROUGH FILTER IN BOTH DIRECTIONS TO ZERO-PARTICLE-COUNT
FINAL BLOW-OFF FROM AIR SIDE TOWARDS VACUUM SIDE
ASSEMBLE FILTER AFTER RAV IS CLOSED FOR SHIPMENT TO CMTS
TAG-OUT RAV CLOSED WITH METAL CONFIGURATION TAG
REMOVE FILTER BEFORE PUMPDOWN, VENTUP, OR PURGE THROUGH RAV
5. ALL STAINLESS STEEL HARDWARE SHALL BE ELECTROPOLISHED.

UNLESS OTHERWISE SPECIFIED					DRAWN	C.BAFFES	DATE	24-Aug-2015		FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY									
±X	±X.X	±X.XX	±X/X	±X°	CHECKED	Y.ORLOV	DATE	02-Sep-2015											
2	0.3	0.12	N/A	1	APPROVED	M.MCGEE	DATE	02-Sep-2015											
BREAK ALL SHARP EDGES, MAX: 0.5 DO NOT SCALE DRAWING DIMENSIONS BASED ON: ASME Y14.5-2009 MAX MACHINE ALL SURFACES: 3.2 DRAWING UNITS: MM					USED ON F10009887, F10014812, F10041166, F10127865, F10128463					NAME	MANIFOLD, LCLS-II CM, FARADAY WINDOW								
					MATERIAL					SCALE						SIZE	DRAWING NUMBER	SHEET	REV
THIRD ANGLE PROJECTION					SEE PARTS LIST					1:2						A2	F10040886	1 of 1	C
					GROUP: Accelerator Mechanical Support					CASE CODE: Q1586									