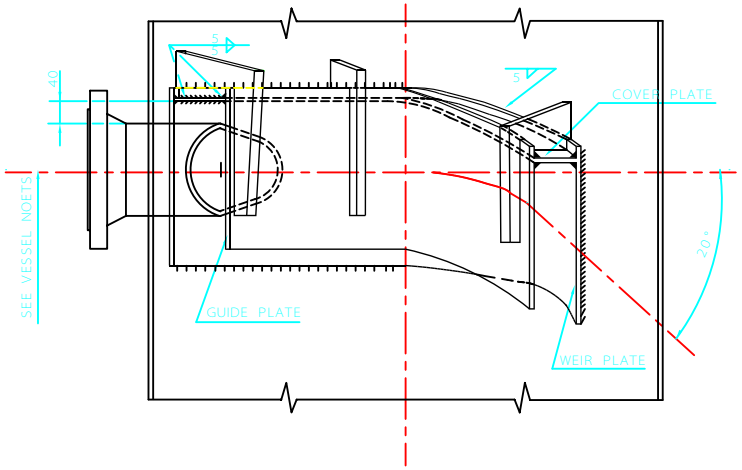
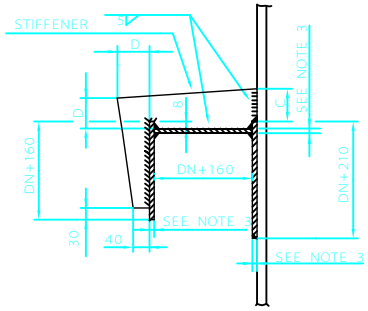
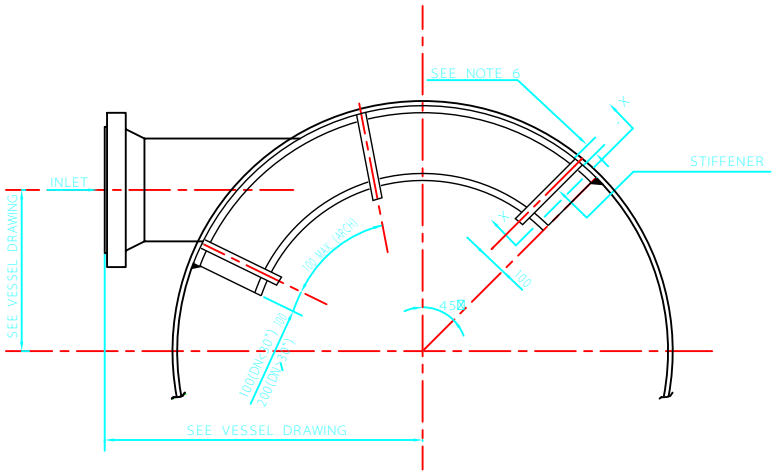


DETAIL OF TANGENTIAL DISTRIBUTOR



SECTION X-X



PLAN

(NPS)	DN	C (mm)	D (mm)
6	150	80	70
8	200	100	70
10	250	120	70
12	300	140	70
14	350	160	70
16	400	180	80
18	450	200	80
20	500	230	100
24	600	270	100
26	650	310	130
28	700	350	130
30	750	400	160
32	800	450	160
34	850	450	160
36	900	500	190
38	950	500	190
40	1000	550	220
42	1050	550	220
44	1100	600	250
46	1150	600	250
48	1200	650	280
50	1250	650	280
52	1300	700	280
54	1350	700	280

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS. UNLESS OTHERWISE SHOWN.
2. MATERIAL OF WEIR AND STIFFENCE PLATE TO BE SAME AS MATERIAL OF INSIDE OF VESSEL WHERE IT IS TO BE INSTALLED.
3. THICKNESS OF GUIDE, WEIR AND TOP COVER PLATES SHALL BE AS SHOWN BELOW :
   CARBON STEEL
   A) 9mm FOR DN<750
   B) 12mm FOR DN>750
   HIGH ALLOY STEEL
   A) 6mm FOR DN<750
   B) 9mm FOR DN>750
4. THE WEIR PLATE SHALL BE SUITED TO THE SLOPE OF THE GUIDE PLATE.
5. JOINTS BETWEEN THE SHELL AND THE WEIR PLATE SHALL BE MADE BY CONTINUOUS FILLET WELDING.HOWEVER, 50mm OF THEM SHALL BE LEFT UNWELDED IN BOTTOM SIDE FOR USE AS A VENT.
6. THE THICKNESS OF STIFFENER SHALL BE AS FOLLOW :
   CARBON STEEL
   A) 20mm FOR DN<750
   B) 25mm FOR DN>750
   HIGH ALLOY STEEL
   A) 15mm FOR DN<750
   B) 20mm FOR DN>750
7. IN CASE OF CONFLICT BETWEEN THIS STA-NDARD AND VESSEL DRAWING. THE LATTER SHALL GOVERN.
8. WELDING PROCEDURE, AND TESTING TO BE APPROVED.
9. INCASE OF THE CLADDED OR LINED VESSEL, HEAT TREATMENT AND STRESS RELIEVING SHOULD BE CONSIDERED, (FOR WELDING DURING FABRICATION AND REPAIRS IN SERVICE).

REV	DESCRIPTION	DATE
C		
B		
A		

IRANIAN PETROLEUM STANDARDS

TANGENTIAL DISTRIBUTOR FOR VERTICAL VESSELS

DATE	DRAWING No.	SHEET	REV.
	IPS-D-ME-220	1	1