



**NOTES:**

1. OPERATING MODE REPRESENTED BY BOLD LINES: NORMAL CCW INTAKE.
2. THESE VALVES ARE REQUIRED TO BE ISOLATED BY THE PROBABILISTIC RISK ANALYSIS
3. 1/2" THRU 2" SCH. XS  
2 1/2" THRU 16" SCH. 40  
12" THRU 36" SCH. STD.
4. PIPING COVERED BY CIVIL/ENVIRONMENTAL DIVISION SPECIFICATION NO. OSS-0101.00-00-0000 AND/OR ITEM NO. 120
5. THE ORIGINAL ISSUE OF THIS DRAWING IS BASED ON PD-133A, FEB. 27.
6. APPROXIMATELY 200 FEET OF 16" SUCTION PIPE IS ROUTED INSIDE & ON THE BOTTOM OF THE CCW LINE (DOWNSTREAM OF ENTRY POINT)
7. SCH. 140 THRU OUTSIDE WALL PENETRATION, BALANCE OF PIPE SCH. 20.
8. SCH. 80 THRU OUTSIDE WALL PENETRATION, BALANCE OF PIPE SCH. 20.
9. STAINLESS STEEL (PS-151.4) MAY BE SUBSTITUTED FOR PIPE SIZES 1/2" THRU 6".

**DESIGN PARAMETERS**

LINE NO.	DUKE CLASS	DESIGN PRESS.	DESIGN TEMP.	MATERIAL	SPE
1	NOTE 4	---	---	CS	NC
2	NOTE 4	---	---	CS	NC
3	F	50 PSIG	180°F	CS (NOTE 9)	15
4	G	50 PSIG	180°F	CS (NOTE 9)	15
17	C	35 PSIG	80°F	SS	15
18	C	35 PSIG	150°F	SS	15
37	G	35 PSIG	180°F	CS	15