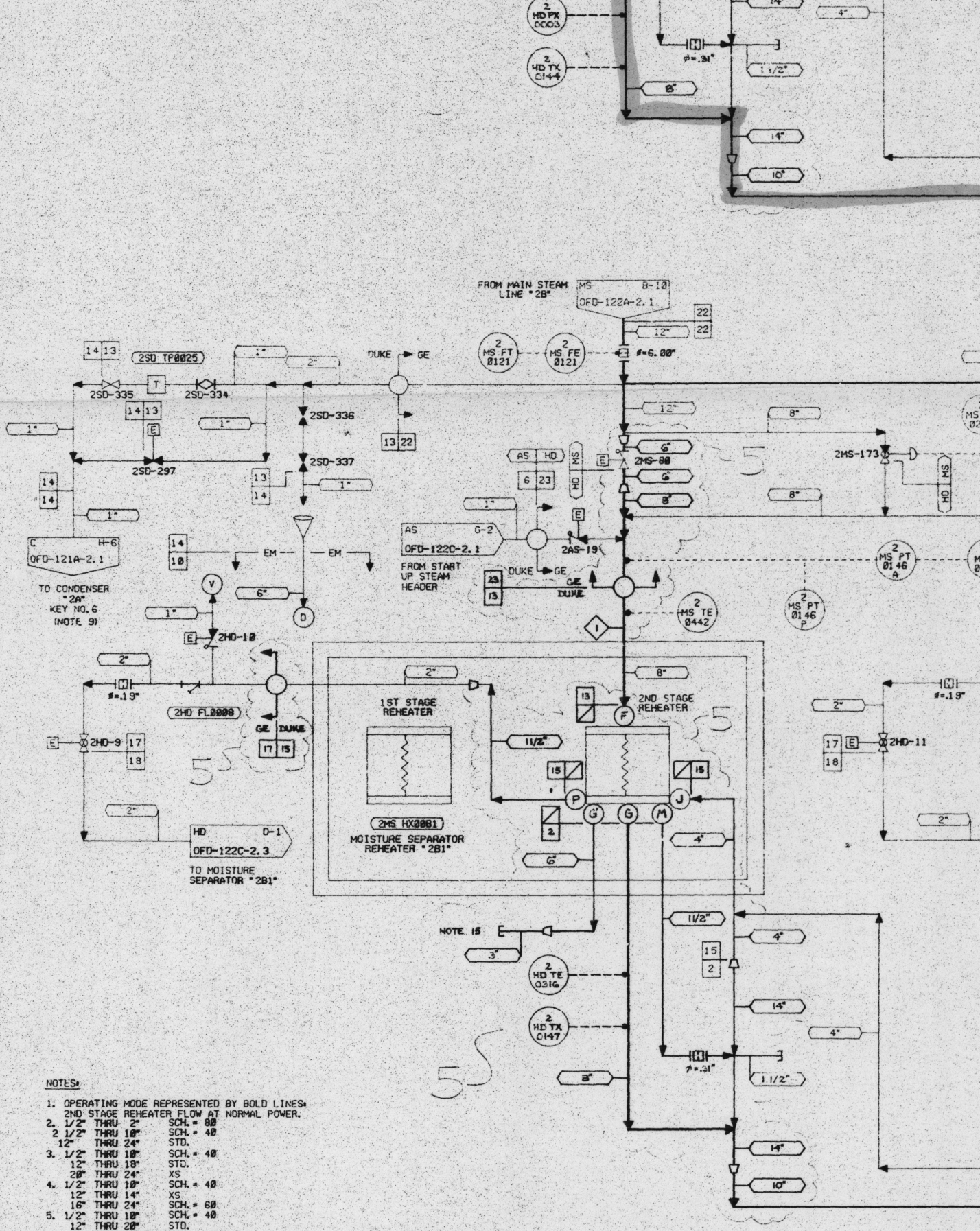


NOTES:

1. OPERATING MODE REPRESENTED BY BOLD LINES.
   2ND STAGE REHEATER FLOW AT NORMAL POWER.
2. 1/2" THRU 2" SCH. = 80
   2 1/2" THRU 10" SCH. = 40
   12" THRU 24" STD.
3. 1/2" THRU 10" SCH. = 40
   12" THRU 18" STD.
   20" THRU 24" XS
4. 1/2" THRU 10" SCH. = 40
   12" THRU 14" XS
   16" THRU 24" SCH. = 60
5. 1/2" THRU 10" SCH. = 40
   12" THRU 20" STD.
6. 1/2" THRU 10" SCH. = 40
   12" THRU 24" STD.
7. 1/2" THRU 8" SCH. = 80
   10" THRU 24" SCH. = 60
8. 1/2" THRU 8" SCH. = 80
   10" SCH. = 60
9. REFER TO O-1411 SERIES (STEAM DRAIN DETAILS).
10. THE ORIGINAL ISSUE OF THIS DWG. IS BASED ON PO-122C-2, REV. 14.
11. PIPING DOWNSTREAM OF CONTROL VALVES WILL BE OF AUSTENITIC S.S. MATERIAL CONFORMING TO APPLICABLE "PS" INDICATED. ALL OTHER PIPING MATERIAL TO BE CARBON STEEL TO THE APPLICABLE "PS" INDICATED.
12. FOR PS 600.4 SEE NOTE 1, FOR PS 601.5 USE THE FOLLOWING
    3" THRU 10"-SCH 80S
    12" THRU 14"-SCH 80
13. DESIGN ENGINEERING APPROVAL IS REQUIRED PRIOR TO ANY CHANGE OF THE EXISTING MATERIAL. SEE PAGE C4A OF OS-243.00-00-0001.
14. G.E. PIPING-REPLACE WITH A106 GR B.
15. FOR FUTURE FOURTH PASS DRAIN LINE.

| LINE NO. | DUKE CLASS | DESIGN PRESSURE | DESIGN TEMP. | MATERIALS |
|---|---|---|---|---|
| 1 | G | 495 PSIG | 550°F | CS |
| 2 | G | 900 PSIG | 550°F | NOTE 11 & 13 |
| 5 | G | 495 PSIG | 550°F | CS |
| 6 | G | 350 PSIG | 500°F | CS |
| 9 | G | 150 PSIG | 500°F | SS |
| 10 | H | ATM. | 100°F | CS |
| 13 | G | 1050 PSIG | 630°F | CS |
| 14 | G | 625 PSIG | 500°F | CS |
| 15 | G | 900 PSIG | 550°F | CS |
| 17 | G | 1050 PSIG | 630°F | CS |
| 18 | G | 278 PSIG | 630°F | CS |
| 22 | G | 1050 PSIG | 630°F | CS |
| 23 | G | 1050 PSIG | 630°F | 2 1/4 Cr-1MO |

DESIGN