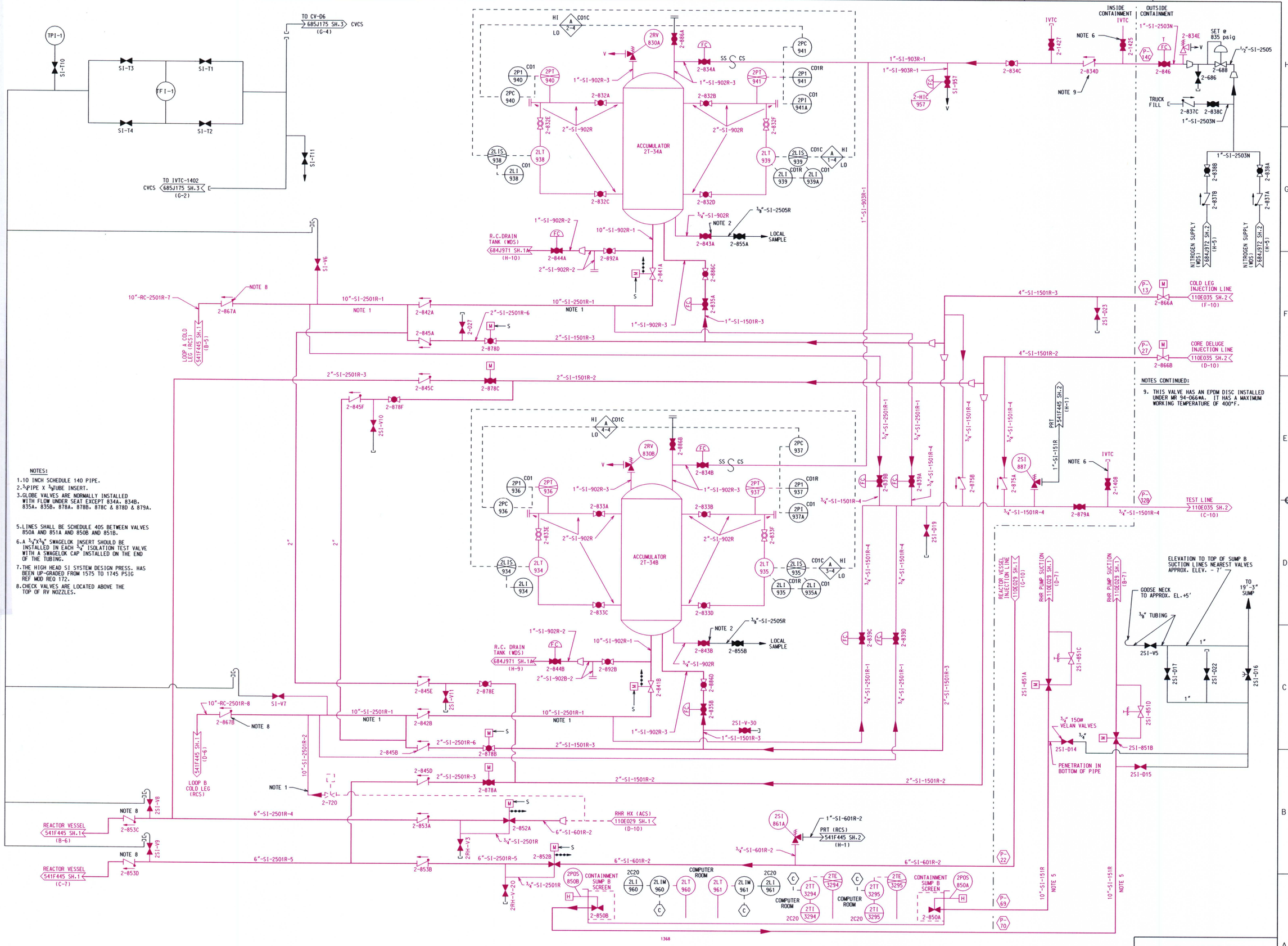
ACCUMULATOR 2T-34A
ACCUMULATOR 2T-34B
INSIDE CONTAINMENT
OUTSIDE CONTAINMENT
TO CV-D6 685J175 SH.3 (G-4) CVCS
TO IVTC-1402 CVCS 685J175 SH.3 (G-2)
R.C.DRAIN TANK (WDS) 684J971 SH.1A (H-10)
R.C. DRAIN TANK (WDS) 684J971 SH.1A (H-9)
LOCAL SAMPLE
NITROGEN SUPPLY (WDS) 684J972 SH.2 (H-5)
COLD LEG INJECTION LINE 110E035 SH.2 (F-10)
CORE DELUGE INJECTION LINE 110E035 SH.2 (D-10)
TEST LINE 110E035 SH.2 (C-10)
LOOP A COLD LEG (RCS) 541F445 SH.1 (B-5)
LOOP B COLD LEG (RCS)
REACTOR VESSEL 541F445 SH.1 (B-6)
REACTOR VESSEL 541F445 SH.1 (C-7)
RHR HX (ACS) 110E029 SH.1 (D-10)
REACTOR VESSEL INJECTION LINE 110E029 SH.1 (G-10)
RHR PUMP SUCTION 110E029 SH.1 (D-7)
RHR PUMP SUCTION 110E029 SH.1 (B-7)
PRT (RCS) 541F445 SH.2 (H-1)
PRT 541F445 SH.2 (H-1)
CONTAINMENT SUMP B SCREEN
COMPUTER ROOM
TRUCK FILL
SET @ 835 psig
GOOSE NECK TO APPROX. EL.+5'
3/8" TUBING
ELEVATION TO TOP OF SUMP B SUCTION LINES NEAREST VALVES APPROX. ELEV. - 7'
TO 19'-3" SUMP
3/4" 150# VELAN VALVES
PENETRATION IN BOTTOM OF PIPE
NOTES CONTINUED:
9. THIS VALVE HAS AN EPDM DISC INSTALLED UNDER MR 94-0664A. IT HAS A MAXIMUM WORKING TEMPERATURE OF 400°F.
NOTES:
1.10 INCH SCHEDULE 140 PIPE.
2.3/4"PIPE X 3/8"TUBE INSERT.
3.GLOBE VALVES ARE NORMALLY INSTALLED WITH FLOW UNDER SEAT EXCEPT 834A, 834B, 835A, 835B, 878A, 878B, 878C & 878D & 879A.
5.LINES SHALL BE SCHEDULE 40S BETWEEN VALVES 850A AND 851A AND 850B AND 851B.
6.A 3/4"X3/8" SWAGELOK INSERT SHOULD BE INSTALLED IN EACH 3/4" ISOLATION TEST VALVE WITH A SWAGELOK CAP INSTALLED ON THE END OF THE TUBING.
7.THE HIGH HEAD SI SYSTEM DESIGN PRESS. HAS BEEN UP-GRADED FROM 1575 TO 1745 PSIG REF MOD REQ 172.
8.CHECK VALVES ARE LOCATED ABOVE THE TOP OF RV NOZZLES.
LEGEND
MAGENTA - IN SCOPE LR
BLACK - NOT IN SCOPE LR
LR-110E035 SH-1
UNIT 2
SAFETY INJECTION SYSTEM
REV. 1
DATE:10-17-03
D009