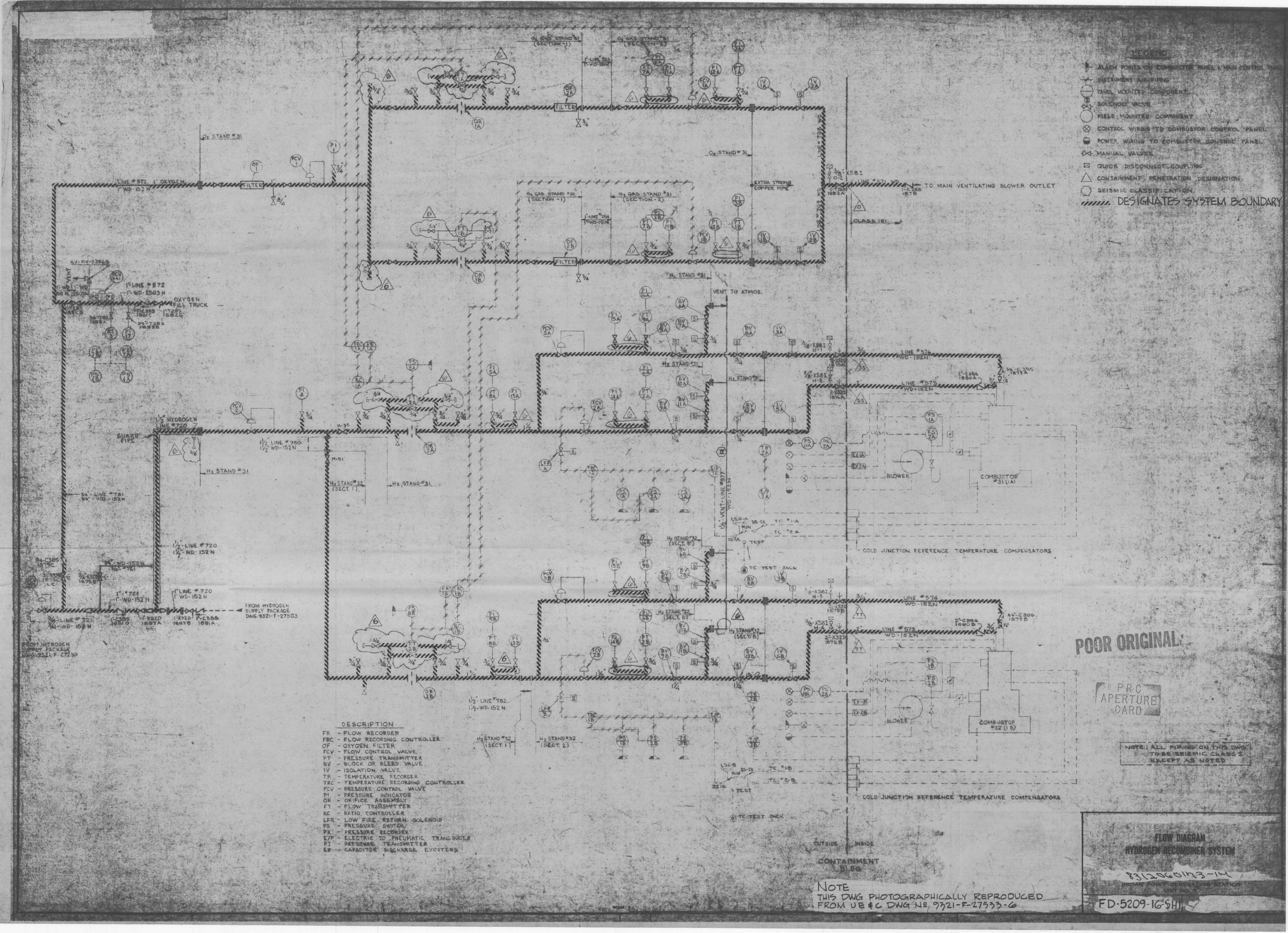
LEGEND
ALARM POINTS ON COMBUSTOR PANEL & MAIN CONTROL BOARD
INSTRUMENT AIR PIPING
PANEL MOUNTED COMPONENT
SOLENOID VALVE
FIELD MOUNTED COMPONENT
CONTROL WIRING TO COMBUSTOR CONTROL PANEL
POWER WIRING TO COMBUSTOR CONTROL PANEL
MANUAL VALVES
QUICK DISCONNECT COUPLING
CONTAINMENT PENETRATION DESIGNATION
SEISMIC CLASSIFICATION
DESIGNATES SYSTEM BOUNDARY
O2 GAS STAND #31 (SECTION-1)
O2 GAS STAND #31 (SECTION-2)
O2 STAND #31
LINE #572 1" OXYGEN 1" WD-152N
FILTER
EXTRA STRONG COPPER PIPE
TO MAIN VENTILATING BLOWER OUTLET
CLASS 1E1
OXYGEN FILL TRUCK
VENT TO ATMOS.
H2 STAND #31
H2 STAND #32 (SECT. 1)
H2 STAND #32 (SECT. 2)
1/2" HYDROGEN LINE #720
GUARD PIPE
FROM HYDROGEN SUPPLY PACKAGE DWG 9321-F-27503
FROM NITROGEN SUPPLY PACKAGE DWG 9321-F-27295
LINE #574 WD-152N
LINE #573 WD-152N
LINE #575 WD-152N
BLOWER
COMBUSTOR #31 (A)
COMBUSTOR #32 (B)
COLD JUNCTION REFERENCE TEMPERATURE COMPENSATORS
TC TEST JACK
OUTSIDE
INSIDE
CONTAINMENT BLDG.
DESCRIPTION
FR - FLOW RECORDER
FRC - FLOW RECORDING CONTROLLER
OF - OXYGEN FILTER
FCV - FLOW CONTROL VALVE
PT - PRESSURE TRANSMITTER
BV - BLOCK OR BLEED VALVE
IV - ISOLATION VALVE
TR - TEMPERATURE RECORDER
TRC - TEMPERATURE RECORDING CONTROLLER
PCV - PRESSURE CONTROL VALVE
PI - PRESSURE INDICATOR
OR - ORIFICE ASSEMBLY
FT - FLOW TRANSMITTER
RC - RATIO CONTROLLER
LFR - LOW FIRE RETURN SOLENOID
PS - PRESSURE SWITCH
PR - PRESSURE RECORDER
E/P - ELECTRIC TO PNEUMATIC TRANSDUCER
PT - PRESSURE TRANSMITTER
EX - CAPACITOR DISCHARGE EXCITERS
NOTE: ALL PIPING ON THIS DWG TO BE SEISMIC CLASS I EXCEPT AS NOTED
POOR ORIGINAL
PRC APERTURE CARD
NOTE
THIS DWG PHOTOGRAPHICALLY REPRODUCED FROM UE&C DWG No. 9321-F-27533-6
FLOW DIAGRAM
HYDROGEN RECOMBINER SYSTEM
8312960123-14
INDIAN POINT GENERATING STATION UNIT 3
FD-5209-16-SH1