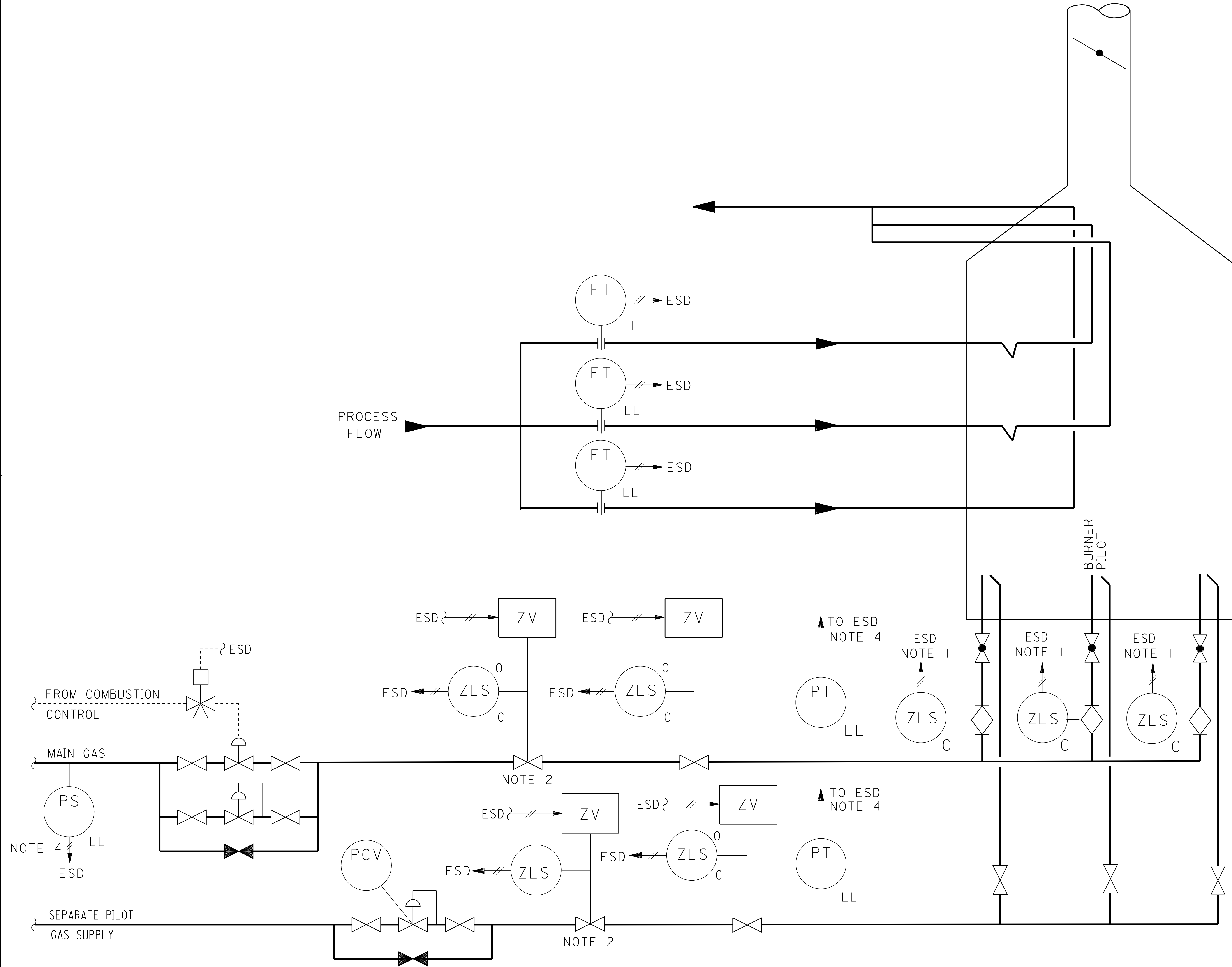


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- NOTES:
- SUPERVISORY COCKS WITH LIMIT SWITCHES INTERLOCKED WITH THE ESD. ON HEATER START-UP, ALL SUPERVISORY COCKS MUST BE CLOSED BEFORE THE MAIN BURNER ZV MAY BE OPENED. THE SYSTEM MAY BE PNEUMATIC OR ELECTRIC.
 - MAIN BURNER AND PILOT FUEL GAS LINES SHALL EACH BE PROVIDED WITH TWO POWER OPERATED EMERGENCY ISOLATION VALVES (ZV).
 - FOR GENERAL ENGINEERING REQUIREMENTS REFER TO SAES-J-603.
 - ANALOG TRANSMITTERS ARE PREFERRED OVER PROCESS CONNECTED SWITCHES.
 - FOR NORMAL REGULATORY CONTROL INSTRUMENTATION, SEE PLANT P&ID

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DWG. RESPONSIBILITY:
INSTRUMENTATION STANDARDS COMMITTEE

06	DEC 0	MSM		REVISED AS MARK UP PRINT			
05	JUL 99	MNL		REINSTATED AS STD. DWG. AND REVISED DWG. CONTENTS			
REV. NO.	DATE	BY	JO/EWO	DESCRIPTION	CHKD.	CERT.	APPD.

SAUDI ARABIAN OIL COMPANY

DRAWN BY PT CHECKED BY SCALE NONE

DATE STARTED DATE COMPLETED 01-17-74

OPR'G. DEPT. ENG. DEPT.

APP'D FOR CONSTR.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED

CERTIFIED BY D. NUTTALL DATE 08-30-78

PROCESS HEATER SAFETY SYSTEM
NATURAL DRAFT FURNACES

STD. DWG.			METRIC	
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	F/J	AC-036456	001	06