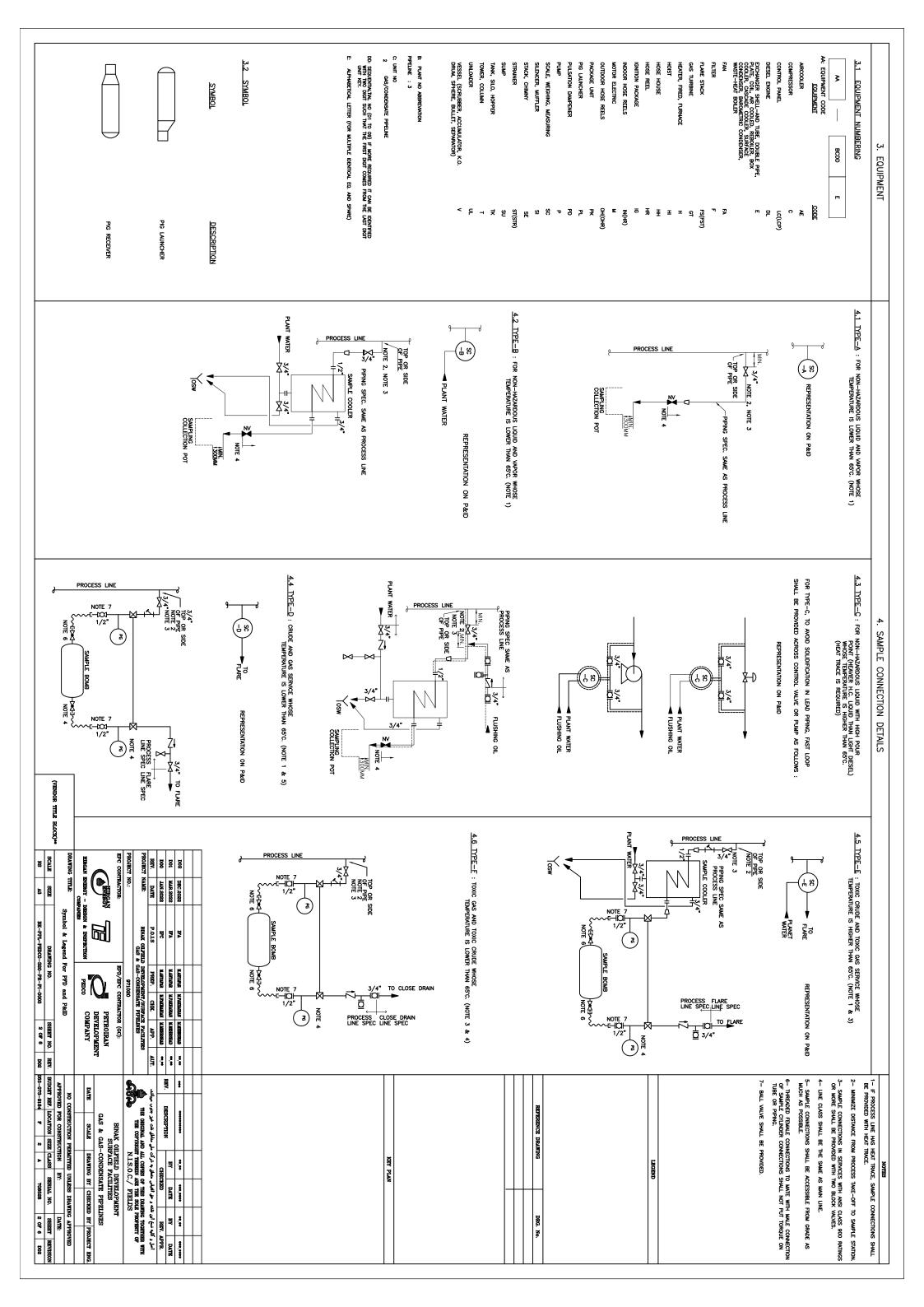
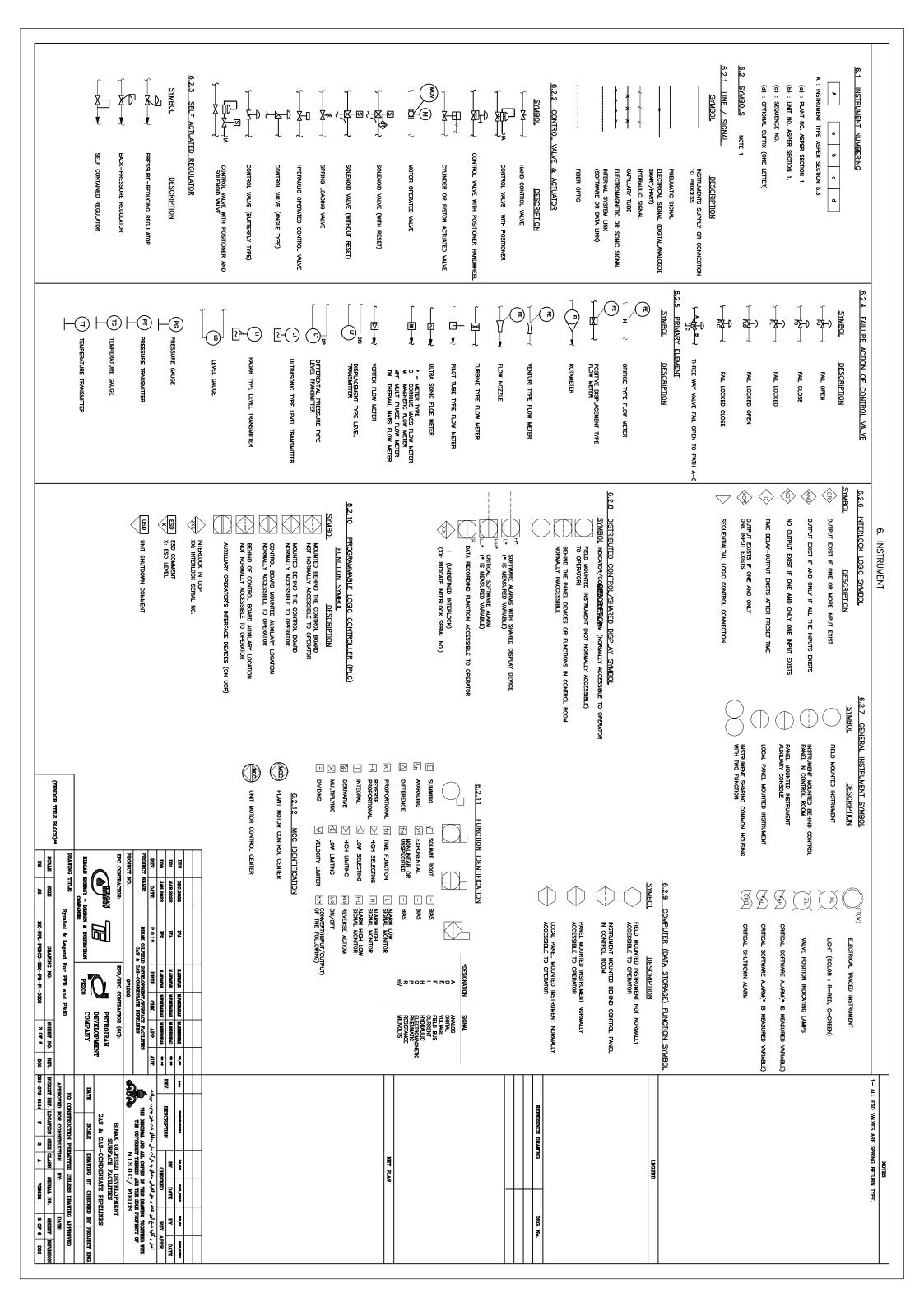
																																																			130 : 3 FIFELINE PROCESS	REVIATION PLANT DESCRIPTION UNIT NO. UNIT DESCRIPTION ABBR	_			1. UNIT IDENTIFICATION NUMBER
FLOW: A B			LAYOUT:	AND WATON FOUNDID.	(5) GRAVITY FLOW : ELEVATION DOWNSTREAM NEVER EXCEED INLET ELEVATIONS. LINE MAY CONTAIN LIQUID POCKETS AND VARBOR PROCKETS			FLOW: A — B	[]	LAYOUT:		(4) NO VAPOR POCKET : NO VAPOR POCKET IN THE LINE.		FLOW: A	»	LAYOUT:	(3) NO LIQUID POCKET : NO LIQUID POCKET IN THE LINE.		FLOW: A — B	3	LAYOUT:	SLOPES REQUIRED ARE SHOWN BY SYMBOL	(2) SLOPED LINE : ELEVATION CHANGES ARE CONTINUOUSLY DOWNWARD ONLY NO POCKETS ARE PERMITTED. SPECIFIC			FLOW: A — B	A .	LAYOUT	NO LIQUID POCKET AND NO VAPOR POCKET IN THE LINE.		17- DEFINITIONS :	10- YMM WEEP HOLES ARE PROVIDED AT LOW POINTS OF PRESSURE RELIFE VALVE AND RAPTURE DISC DISCHARGING TO ATMOSPHERE.	FROM PRESSURE RELIFE VALVE TO THE TOP OR SIDE OF THE DISCHARGE HEADER. 16. ONLY WEED HOLES ARE RECYMPEN AT LOW BOINTS OF RESCRIPT OF INTERVALVE	15— ALL CLOSED PRESSURE RELIFE VALVE DISCHARGE LEADS SHALL BE FREE DRAINING	LED TO DRIP FUNNEL WITH EXTENDED TAIL PIPE PLUGGED AT END OR FLANGED WITH SPECTAGLE RI IND INSPRITED AS SHOWN	LINE. 14- VALVED DRAIN ON SUCTION PIPING OF PUMP EXCEPT CLEAN SERVICE SHALL BE	HIGHER. 13- VALVED VENT SHALL BE INSTALLED AT VAPOR POCKET OF 14" AND LARGER	RATING. FOR PIPING CLASS 600# AND HIGHER USE DOUBLE BLOCK VALVES FOR 2" AND	(SINGLE BALL VALVE + GLOBE VALVE) FOR JOUF AND UNDER ONE SINGLE BALL 12- ALL DRAINS TO ATMOSPHERE ARE BALL VALVE WITH CAP. FOR ALL CLASS	RELIEF VALVE BYPASS, IN CLASS OF 600# AND HIGHER, DOUBLE ISOLATION VALVE (CHANGE BALL VALVE - CLOSE VALVE) FOR TOOK AND LANGER OVER SHOOL BALL VALVE	FOR 300# RATING AND UNDER ONE SINGLE BALL VALVE, FOR ACID GAS SYSTEM VENTS AND DRAINS USE DOUBLE ISOLATION BALL VALVE FOR ALL CLASSES. FOR	11 - PROVIDE DOUBLE ISOLATION VALVES (BALL VALVES AND BLEED VALVES) FOR VENT TO ATMOSPHERIC FOR HYDROCARBON SERVICES WHICH ARE AROVE TOO! RATING	VENT FOR HYDRAULIC TEST PURPOSE SHALL BE PROVIDED ONLY FOR 2" AND LARGER LINE.	9- ALL DIMENSIONS ARE IN MILLMEIERS UNLESS UNLESS VERLEWEIGE SPECIFICALLI NOIEU. 10- HIGH POINT VENTS AND LOW POINT DRAINS USED FOR HYDRAULIC TEST PURPOSES ONLY SHALL BE PROVIDED BUT ARE NOT SHOWN ON THE P & ID.	NUMBER, ETC. AND NOT COVERED BY THE PIPING MATERIAL SPECIFICATION, ARE IDENTIFIED BY SPECIAL ITEM NUMBER.	EQUIPMENT,	ABOVE TANGENT LINE OR BOTTOM OF HORIZONTAL VESSEL BEIDING COMBONIETE NOT DESCRIPTION OF HORIZONTAL VESSEL B. DIDING COMBONIETE NOT DESCRIPTION OF HORIZONTAL TOB MECHANICAL	3- DIMENSION UNDER IC BALLOON INDICATES VISIBLE GLASS LENGTH. 7- DIMENSION LINDER IS BALLOON INDICATES BOINT OF ACTUATION OF IS LINIT	HORIZONTAL VESSEL INDICATES NORMAL LEVEL FOR DIVERSON LINES OF DATE OF THE PROPERTY OF THE PR	A PHEN NECESSARY FIFTHS AND JOIN EQUIPMENT SINDOLS MAY BE INCLUDED A PRINCIPLE OF AN INSTRUMENT LOOP. A PRINCIPLE OF A PRINCIPLE OF A PRINCIPLE INTO DE EXTENSION O	AND THE INSTRUMENT SOCIETY OF AMERICA STANDARDS S_5.1 AND 5.5.3. WHEN NEOFSCARY EIRING AND / OR EQUIPMENT SYMBOLS MAY BE INCLUDED.	EQUIPMENT MAT APPEAR IN MORE HAW ONE FLAKE ON HE FLOW DIAGRAM EQUIPMENT SO DUPLICATED WILL BE INDICATED BY DASHED LINES. 2- INSTRUMENT DEPTHEICATION AS ILLISTRATED ARE BASED ON ISS_F_PR-230	1- THE SIMPLIFY ROUTING OF PROCESS FLOW LINES, SOME PIECES OF	2.1 GENERAL NOTES		
ILATOR VALVE		IH : INSULATED HOT IS : INSULATED FOR PERSONNEL PROTECTION				GA - GALVANIZED				2					WY : WARNING VALVE		 			SS : SOFT SEAT VALVE				PIVA : POST INDICATOR VALVE	PCV : PRESSURE REGULATOR/ PRESSURE CONTROL VALVE		OV : OPERATING VALVE		 	MOV : MOTOR OPERATED VALVE		চ 	LBV	HV :	GO : GEAR OPERATED VALVE AV : ACQUISTICAL INSULATED VALVE	GM	₹	FO : FAIL OPEN (OPENS ON MINIMUM SIGNAL TO VALVE ACTUATOR)	FLO : FAIL LOCKED OPEN: VALVE POSITION DOES NOT CHANGE ON	FLC : FAIL LOCKED CLOSED: VALVE POSITION DOES NOT CHANGE ON LOSS OF ACTUATING MEDIUM SUPPLY			FC : FAIL CLOSED (CLOSE ON MINIMUM SIGNAL TO VALVE ACTUATOR) FCV : FLOW CONTROL VALVE		8		CSO : CAR SEALED OPEN	CO : CHAIN OPERAITED				BV : BALL VALVE	≤	2.2 ABBREVIATIONS	- 1	2. GENERAL NOTES
(VENDOR TITLE BLOCK)** SIZE DEAVING NO. SHEET NO. REV.	DRAWING TITLE: Symbol & Legend For PFD and P&ID	SIGN & INSPECTION PEDCO	PETROIRAN DEVELOPMENT	EPD/EPC CONTR		PROJECT NAME: BINAK GILPRED DEVELOPMENT/SURPACE PACILITIES	IPC MARYAFAR MAPARHARAN MANSHERAD		DEC 2022 IFA LAWAPAR MANAGEMAN MANAGEMAN		ZI : PIG INDICATOR		CT : CORROSION TRADSMITTER	AS : INSTRUMENT AIR SUPPLY		UFD : UTILITY FLOW DIAGRAM	 •••	TW : THERMO-WELL TX : SKIN TEMPERATURE	TL/TL : TANGENT TO TANGENT	SP. GR.: RELATIVE MASS DENSITY (SPECIFIC GRAVITY)	SG : SIGHT GLASS	SF : SOLUTION FOAM	SCL : SAMPLE COOLER	RVP : REID VAPOR PRESSURE	RTD : RESISTANCE TEMPERATURE DETECTOR	RO : RESTRICTION ORIFICE RS : REMOTE SETPOINT		RES : RESIDUE RG : REFRIGERANT GAS	 PO : PUMP OUT PTC : PRESSURE TEST CONNECT	PFD : PROCESS FLOW DIAGRAM	P & ID : PIPING & INSTRUMENTATION DIAGRAM PB : PIRSH BIJITION		NLT : NORMAL LOUID LEVEL		MH : MANHOLE LTTL : LOW LOW LIQUID LEVEL		LF : LQUID FOAM LF : LQUID FOAM		HL : HIGH INTERFACE LIQUID LEVEL	 	HHLL : HIGH HIGH LIQUID LEVEL		EM : EMERGENCY VENT F : FURNISHED		COF : CENTER OF FLOAT DP : DESIGN PRESSURE	B.1. : BATTERY LIMIT	2.2.3 OTHERS A/G: ABOVE GROUND	WN : WELD NECK	-	SS : STANLESS STEEL	SPB : SPADE BUND		RSP : RING SPACER RTL : RING TYPF JOINT	RS : REMOVABLE SPOOL	PF · RAISED FACE	
APPROVED FOR CONSTRUCTION BY: BUDGET REF. LOCATION SIZE CLASS SERIAL NO.	NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED	DATE SCALE DRAWING BY CHECKED BY PROJECT ENG	GAS & GAS-CONDENSATE PIPELINES	BINAK OILFIELD DEVELOPMENT	THE COPPRIGHT THEMEN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS	員 3	CHEC	DATE BY	900 900 900 900 900 900 900 900 900 900														KEY PLAN									REFERENCE DRAWING DRG. No.								LEGEND																5. V 5.000





(1) REMOTE/LOCAL MEASUREMENT ON PIPE OR STANDPIPE PIPING INS. 11-12-12 PG 2* PFG PFG PFG PFG PFG PFG PFG PF	7.1 PRESSURE INSTRUMENT (NOTE 1) REPRESENTATION ACTUAL ARRANGEMENT ON PAID			XE LOCAL/REMOTE FEEDBACK XF FAULT FEEDBACK HSC/O HAND SWITCH CLOSE/OPEN XZSO ON/OFF VALVE OPEN FEEDBACK XZSC ON/OFF VALVE CLOSE FEEDBACK XZIC ON/OFF VALVE OPEN FEEDBACK ON HMI XZIC ON/OFF VALVE CLOSE FEEDBACK ON HMI ESOV EMERGENCY SOLENOID VALVE PSOV PROCESS SOLENOID VALVE	EMERGENCY VALVE OPEN I CEMERGENCY VALVE CLOSE CEMERGENCY VALVE OPEN I M HAND SWITCH MANUAL/AU M HAND SWITCH STOP HAND SWITCH START SHAND SWITCH LOCAL/REM RUNNING FEEDBACK RUNNING FEEDBACK	PES PEEDBACK ON HMI
(3) REMOTE/LO	ba		TEMPERATURE MULTIVARIABLE VIBRATION, MEGHANI CAL ANALYSIS WEIGHT, FORCE SPECIFIC GRAVITY EVENT, STATE OR PRESENCE POSITION, DIMENSION	MOISTURE/HUMIDITY MOME MOISTURE/HUMIDITY MOME PRESSURE/VACUUM PRESSURE/VACUUM QUANTITY, NUMBER INTEGRATE, RADIATION SPEED, FREQUENCY SAF	DIFF RATIO	TIONAL IDENTIFICATION RESURED OR MODIFICATION WESSURED OR MODIFICATION WARMED WOD MANALYSES BURNER, COMBUSTION
(3) REMOTE/LOCAL MEASUREMENT ON PIPE (4) DIAPHRAGM SEAL TYPE (5) POT		7. TYPICAL	MULTIFUNCTION WELL (IS UNCLASSIFIED (IS	NTARY ORIFICE, RESTRICTION POINT (TEST) CONNECTION TOTALZE RECORD	(FRACTION) (FRACTION) (FRACTION) GLASS, VIEWING DEVICE INDICATE, INPUT SCAN	TERS PASSIVE P
PE AND STAND-PIPE 3/4" PIPING INS. 3/4" PIPING ONNECTION ON VESSEL SHOULD BE 2" WITH 3/4" BLOCK VALVE. PIPING PIPING INS. PIPING PIPING PO	>	PIPING ARRANGEMENT	TRANSMIT MULTIFUNCTION WALVE,DAMPER,LOUVER UNCLASSIFIED RELAY, COMPUTE CONNERT DREED-CTURE WALVESSIFIED DREED-CTURE WALVESSIFIED PROFERITORIA ELDERT	OUTF	CONTROL CONTROL STATION CONTROL STATION	INSTRUMENT (CONTINUED) SUCCEEDING-LETTER TOR OUTPUT FUNCTION MODIFIER
(5) MULTIPLE MEASUREMENT PG (VENDOR TITLE	REPRESENTATION ON P&ID	MULTIVARIABLE	PO PRESSURE	FLOW QUANTITY FQE FQTFQT FQJ FQI FQR	ANALYSIS AE PRIMA BURNER BE BT AT AT AU	PROCESS WARRANGLE ARY ELEMENT ANSMITTER TING TRANSMITTER SCAN NDICATOR ECORDER PPO
DO2 DEC. 2022 IFA DO2 DEC. 2022 IFA DO3 LAN 2022 IFA DO4 LAN 2022 IFA DO5 LAN 2022 IFA DO5 LAN 2022 IFA DO5 LAN 2022 IFA DO6 LAN 2022 IFA DO7 LAN 2022 IFA DO8 LAN 2022 IFA DO8 LAN 2022 IFA DO9 LAN 20	ACTUAL ARRANGEMENT	- - - - - - - - - -	PDC PDIC PDRC PDSH PDSH PDSH PDSH PDAH PDAH PDAH PDSH PDSH PDSH PDSH PDSH PDAH PDAH PAH PSH PSH	FQA FQIC FQRC FQSH FQSL FQSHH FQSLL FQAH FQAL HC HIC - HSH HSL IC IIC IRC ISH ISL ISHH ISLL IAH IAL JC JIC JRC JSH JSL JSHH JSLL JAH JAL KC KIC KRC KSH KSL KSHH KSLL KAH KAL LC LIC LRC LSH LSL LSHH LSLL IAH JAL LC LIC LRC LSH LSL LSHH LSLL IAH JAL	FIGURE FSH FSLL FSHH ESLL AAH FSLL FAH	CONTROLLER ATTING CONTROLLER RDING CONTROLLER ORMAL PROCESS FIRST STATE ORMAL PROCESS ECOND STATE ORMAL PROCESS FIRST STATE ORMAL PROCESS FIRST STATE ORMAL PROCESS FIRST STATE
LARIANE LIVINGUAMI LIMINGUAM ALGERIAM A			PDAHH PDALL PDG	FOAHH FOALL FOY FOAHH FOALL N FOAHH FOALL - N FOAHH FOALL N FOAHH FOALL - N FOAHH FOAHH FOALL - N FOAHH FOALL - N FOAHH FOAHH FOALL - N FOAHH FOAH	No. No.	ORMAL PROCESS ECOND STATE S.VIEWING DEVICE V) CONNECTION(P) ILF-ACTUATED BULATOR VALVE LENOID VALVE LENOID VALVE AV, CONVERTER VAL ELEMENT
PROPER PERF. DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DEVELOPMENT DATE BY DATE D	KEY PIAN		REFERENCE DEAFING	TEGEND		NOTES 11 FOR MORE DETAILS REFER TO INSTRUMENT HOOK UP DIAGRAM AND PIPING ASSEMBLY DRAWING FOR EACH ITEM.

