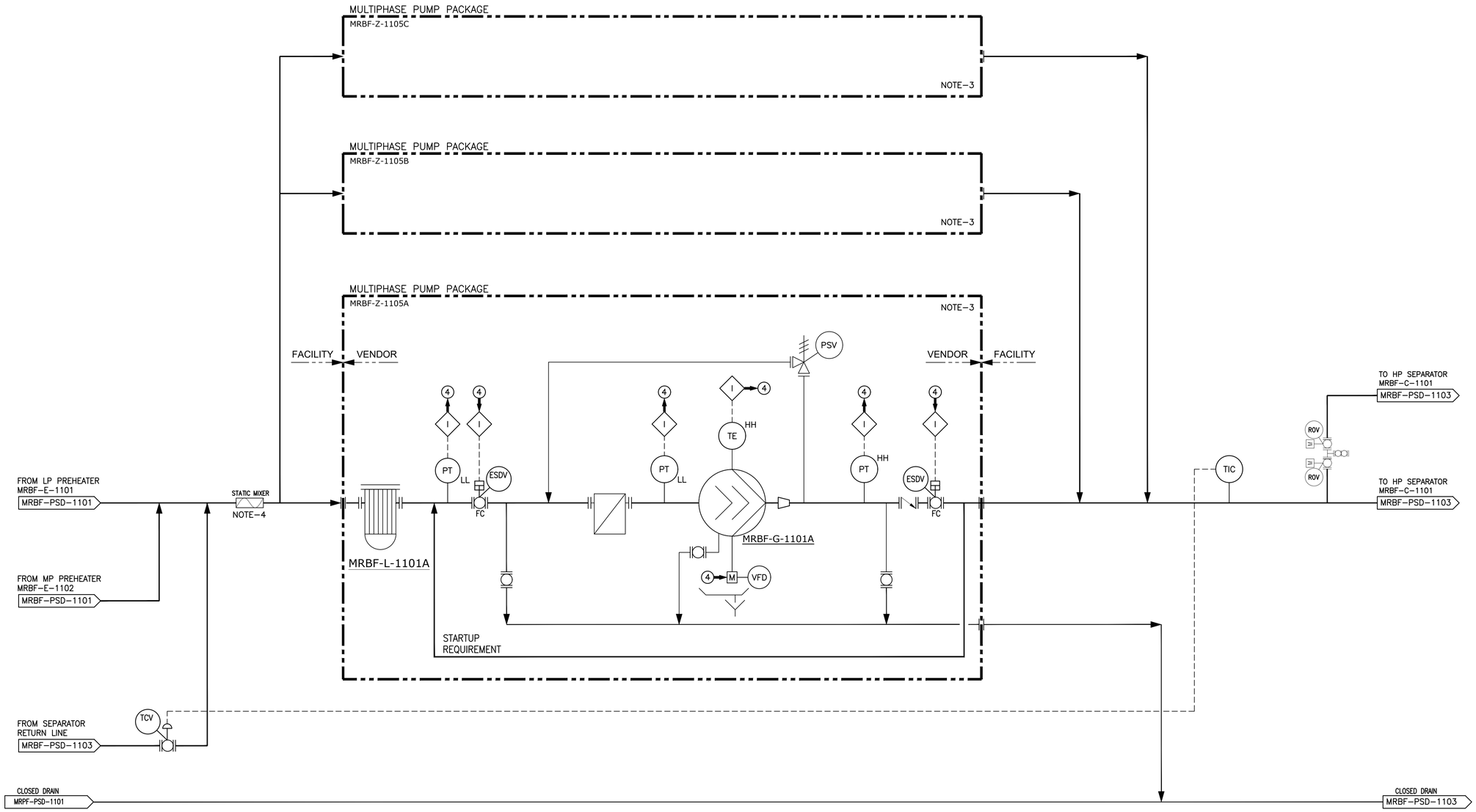
MRBF-Z-1105A/B/C
MULTIPHASE PUMP PACKAGE

MRBF-G-1101A/B/C
MULTIPHASE PUMP
(3x50)

MRBF-L-1101A/B/C
SOLID FILTERS



GENERAL NOTES:

A. THIS DRAWING IS FOR GUIDANCE ONLY. CONTRACTOR SHALL DEVELOP DETAILED DRAWINGS AS PER CONTRACT SPECIFICATIONS AND INCORPORATE ALL DETAILED ENGG.,VENDOR ENGG.AND HSE ENGG.REQUIREMENTS AS APPLICABLE.

B. EQUIPMENT SKID / PACKAGE LIMITS INDICATED IN THE DRAWING ARE TENTATIVE CONTRACTOR SHALL FINALIZE BASED ON SKID / PACKAGE SUPPLIER DETAILS DURING DETAIL ENGINEERING PHASE.

C. TAG NUMBERS INDICATED IN THIS DRAWING ARE TENTATIVE ONLY. ALL EQUIPMENT / INSTRUMENT TAG NUMBERS SHALL BE PREFIXED BY LOCATION FACILITY NUMBER. FINALIZATION OF TAG NUMBERS SHALL BE DONE AS A PART OF DETAILED ENGINEERING WORKS BY TAKING PRIOR APPROVAL FROM COMPANY.

D. TWO PSV'S OF 100% CAPACITY EACH SHALL BE PROVIDED WITH MECHANICAL KEY INTER LOCK SYSTEM TO FACILITATE ON LINE MAINTENANCE/CALIBRATION OF EACH PSV.

E. REFER LEGENDS P&ID NO– MRBF–PID–100 (SH 01 OF 06 TO SH 06 OF 06) FOR LEGENDS AND SYMBOLS.

NOTES:

1. PSV SIZING, LINE SIZING AND PSV OUT LET LINE MATERIAL SPEC SHALL BE FINALIZED BASED ON RELIEF AND BLOW DOWN STUDY REPORT AND HYDRAULIC STUDY.
2. INTERNALS INDICATED ARE TENTATIVE. CONTRACTOR SHALL FINALIZE BASED ON VENDOR RECOMMENDATION, PERFORMANCE GUARANTEE AND MINIMUM PRESSURE DROP CRITERIA.
3. CONTRACTOR TO FINALIZE PUMP SAFEGUARDING AS PER VENDOR REQUIREMENT.
4. REQUIREMENT OF STATIC MIXER AT THE HEADER SHALL BE FINALIZED DURING DETAIL ENGINEERING TO ENSURE HOMOGENEOUS FLUID AT PUMP SUCTION.

KUWAIT OIL CO. K. S. C.
شركة نفط الكويت ش.م.ك.

MUTRIBA REMOTE BOOSTING FACILITY (MRBF)
PROCESS AND SAFEGUARDING DIAGRAM
PSD FOR MULTIPHASE PUMPING SYSTEM

REF. DWGS. NO.	REFERENCE DRAWINGS TITLE
MRBF–PID–0100	LEGENDS AND SYMBOLS.

REV	AMENDMENTS	DRAWN	APPR'D	DATE
0	ISSUED FOR TENDER	DAVID	BINDU	6-8-24

ENGINEERING DESIGN			
CHECKED	PROJ.ENG.	MURALI BINDU	
APPR'D	SNR.ENG.	MOHAMMAD AL-SALEH	
APPR'D	T.L.G.P–II	FAISAL AL-KANDARI	
PROJECT REFERENCE	MRBF		

DRAUGHTING DESIGN			
DRAWN	D.D/MAN	DAVID	24-02-24
CHECKED	S.D.D/MAN		
CHECKED	L.D.D/MAN		
SCALE:	NTS		

APPROVALS			
DESIGNATION TEAM/GROUP	NAME	SIGNATURE	DATE

KOC DRAWING NO.	SHEET	REV.
MRBF-PSD-1102	01 OF 01	0

DO NOT SCALE IF IN DOUBT ASK

A1