



- NOTES:
1. IF DUTY/STANDBY PUMP ARE ON VSD CONTROL, SPEED INDICATION SHALL BE PROVIDED ON DCS.
 2. THE SPEED COMMAND MAY BE INITIATED MANUALLY BY AN OPERATOR OR FROM A CONTROLLER.
 3. ECS SHALL HAVE ONLY EMERGENCY STOP AS DEFAULT. SELECTIVE MOTORS/HEATERS SHALL HAVE OPTIONS OF LOCAL START/STOP/REMOTE SELECTION BASED ON OPERATIONS.
 4. LEAD/LAG & DUTY SELECT TO BE IMPLEMENTED IN DCS.
 5. FOR OTHER HEATER SIGNALS REFER TO ENGINEERING NUMBERING SPECIFICATION 0000PP-C-GO-0000-DW-SPC-0001.
 6. START INHIBIT SHALL BE IMPLEMENTED IN DCS/PLC.
 7. THE SUB-TYPE PROVIDED FOR MOTOR CONTROL ARE INDICATIVE ONLY. THE SELECTION OF SIGNALS SHALL BE BASED ON PLANT OPERATIONS AS ELABORATED IN THE CONTROL NARRATIVE.
 8. THE OPTIONAL SIGNALS SHALL BE SELECTED BASED ON CONTROL PHILOSOPHY, AS ELABORATED IN THE CONTROL NARRATIVE.

C01	25.05.16	ISSUED FOR CONSTRUCTION	DX	VJ	AB	SQ
D01	18.02.16	ISSUED FOR USE (DD)	DX	SI/VI	AB	SQ
H01	28.12.15	ISSUED FOR HAZOP (DD)	DX	SI/VI	AB	SQ
G01	26.10.15	ISSUED FOR REVIEW (DD)	DX	SI/VI	TT	SQ
B02	15.07.15	APPROVED FOR COMPLETION OF FEED	DX	SI/RS	TT	SQ
B01	28.05.15	ISSUED FOR DESIGN	DX	SI/RS	TT	SQ
A01	10.02.15	ISSUED FOR COMPANY REVIEW	DX	SI/RS	VM	JF
REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D	


EARLY POWER PLANT
RUMAILA OIL FIELD
CONTRACT NO. 100478

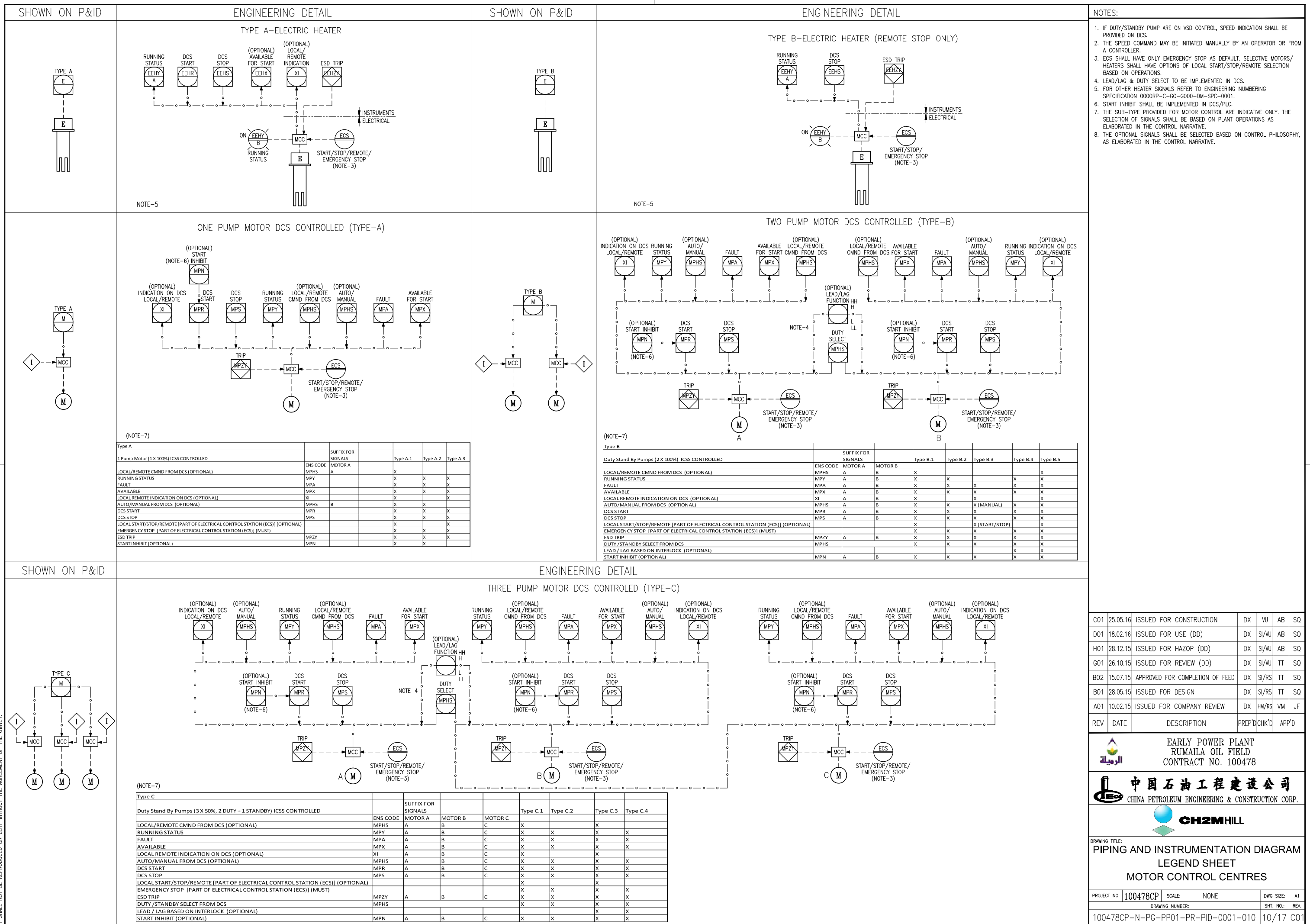

中国石化工程建设公司
CHINA PETROLEUM ENGINEERING & CONSTRUCTION CORP.

CH2MHILL

DRAWING TITLE:
PIPING AND INSTRUMENTATION DIAGRAM
LEGEND SHEET
MOTOR CONTROL CENTRES


PROJECT NO.	100478CP	SCALE:	NONE	DWG SIZE:	A1
DRAWING NUMBER:	100478CP-N-PG-PP01-PR-PID-0001-010	SHT. NO.:	10/17	REV.	C01


FILE NAME: 100478CP-N-PG-PP01-PR-PID-0001-010-C01.DWG




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100478CP-N-PG-PP01-PR-PID-0001-010 10/17 C01

CAD: FILENAME100478CP-N-PG-PP01-PR-PID-0001-010-C01.DWG