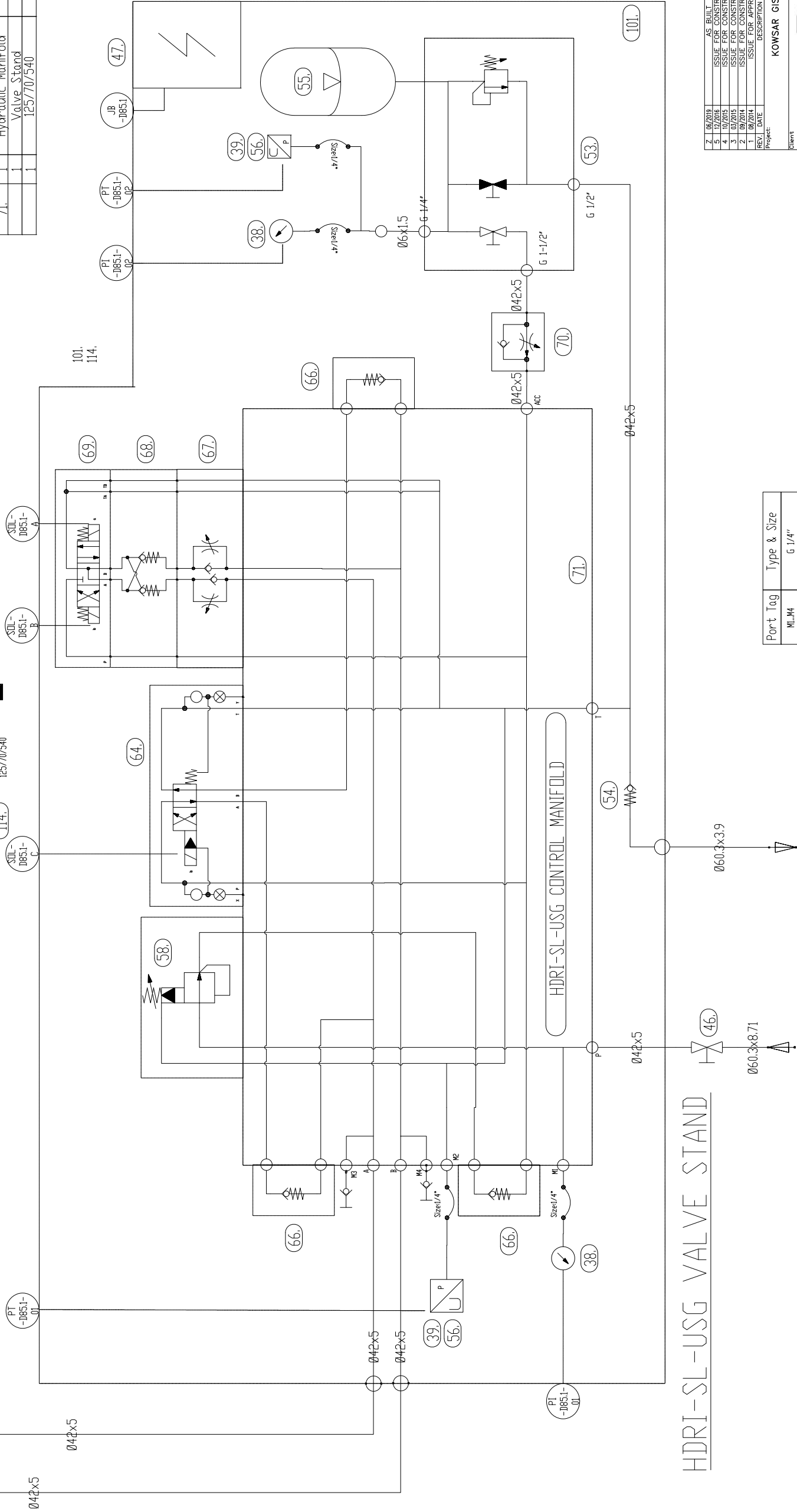


ITEM ID	QTY	MODEL CODE	14	15	16
38	2	Pressure Gauge-0-250 bar		Gauge	WIKA
39	2	HDA 4746-A-400-000		Pressure Transmitter	Hydac
46	4	KHM32F311141		Ball Valve	Hydac
47	1	Junction Box		Junction Box	Iranian Manufacturer
53	1	SAF32M12200A-S309		Safety Block	Hydac
54	1	VUR14SPI-15S		Check Valve	Oleoweb
55	1	SB330-50A1/112U-330A		Accumulator	Hydac
56	2	ZBE 08-05		Female connector	Hydac
58	1	XG2V-6GW		Pressure Reducing Valve	Eaton Vickers
64	1	DG5V 7 2H 2 MU H7 30		Pilot Operated Directional Valve	Eaton-Vickers
66	3	C5G 815		Check Valve	Eaton-Vickers
67	1	DGMFC-5-Y-A2W-B2W-30		Flow Control Valve	Eaton-Vickers
68	1	DGMPC-5-DABK-DBAK-30		P.D Check Valve	Eaton-Vickers
69	1	DG4V 5 6CJ M U H6 20		Directional Valve	Eaton-Vickers
70	1	EFN-10-11-F		Flow Control Valve	Eaton-Vickers
71	1	Hydraulic Manifold		Hydraulic Manifold	HK
	1	Valve Stand		Valve Stand	HK
	1	125/70/540		Hydraulic Cylinder	HK

HDRI-SEAL LEG -  
UPPER SLIDE GATE  
CYLINDER



Φ125×Φ70×540 stroke
ClosingTime(Emergency): 5s
Opening Time : Max. 45 s



Port Tag	Type & Size
MLM4	G 1/4"
P	SAE 1 1/4" 3000PSI
A	SAE 1 1/4" 3000PSI
B	SAE 1 1/4" 3000PSI
T	SAE 1 1/4" 3000PSI
ACC	SAE 1 1/4" 3000PSI

Movement	Output	STL-1051-A	STL-1051-B	STL-1051-C
Gate Opening		De-Energized	Energized	Energized
Gate Closing		Energized	De-Energized	Energized
Gate Emergency Closing		De-Energized	De-Energized	De-Energized

REV.	DATE	DESCRIPTION	PURPOSE OF ISSUE	PREPARE	CHECK	APPROVE
1	18/04/14	ISSUE FOR APPROVAL	IFA	KHALPOOR	PARVANI	KICMARS
2	19/04/14	ISSUE FOR CONSTRUCTION	FC	KHALPOOR	PARVANI	KICMARS
3	03/05/15	ISSUE FOR CONSTRUCTION	FC	KHALPOOR	PARVANI	KICMARS
4	10/05/15	ISSUE FOR CONSTRUCTION	FC	KHALPOOR	PARVANI	KICMARS
5	12/06/15	ISSUE FOR CONSTRUCTION	IFC	MISAL	SARAGH	MISAL
7	16/09/15	AS BUILT	ASB	KHALPOOR	SARAGH	MISAL

Client	 شركة جي إس سي GISC Co.	 شركة أم تي MINES & METALS TECHNOLOGICAL ENGINEERING CO.	Contractor
KOWSAR GISD MECA MODULE PROJECT			

Client's Project	Project Code	Main Contractor	Area Code	Plant Group	Equipment Code	Document Type	Eng. Discipline	Serial No.
GSD	7-2	119	1002	7	AA	04	P	111
<div style="text-align: center;">             designation: PIPING &amp; INSTRUMENTATION DIAGRAM              FURNACE EQUIPMENT MUSKAM SYSTEM           </div>								
SIGNATURE		DATE						
SECOND		MMTE		12/2016				
PREPARED		MUSKAM		12/2016				
						SCALE: AS SHOWN		REV.: Z
								L

CHECKED	SHAGHAI	12/2016	rep. for		SHEET:	SIZE:	A3	5/6
APPROVED	MUHAMMAD ZAITH	12/2016						
KC-MFPCOO-MS111								
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