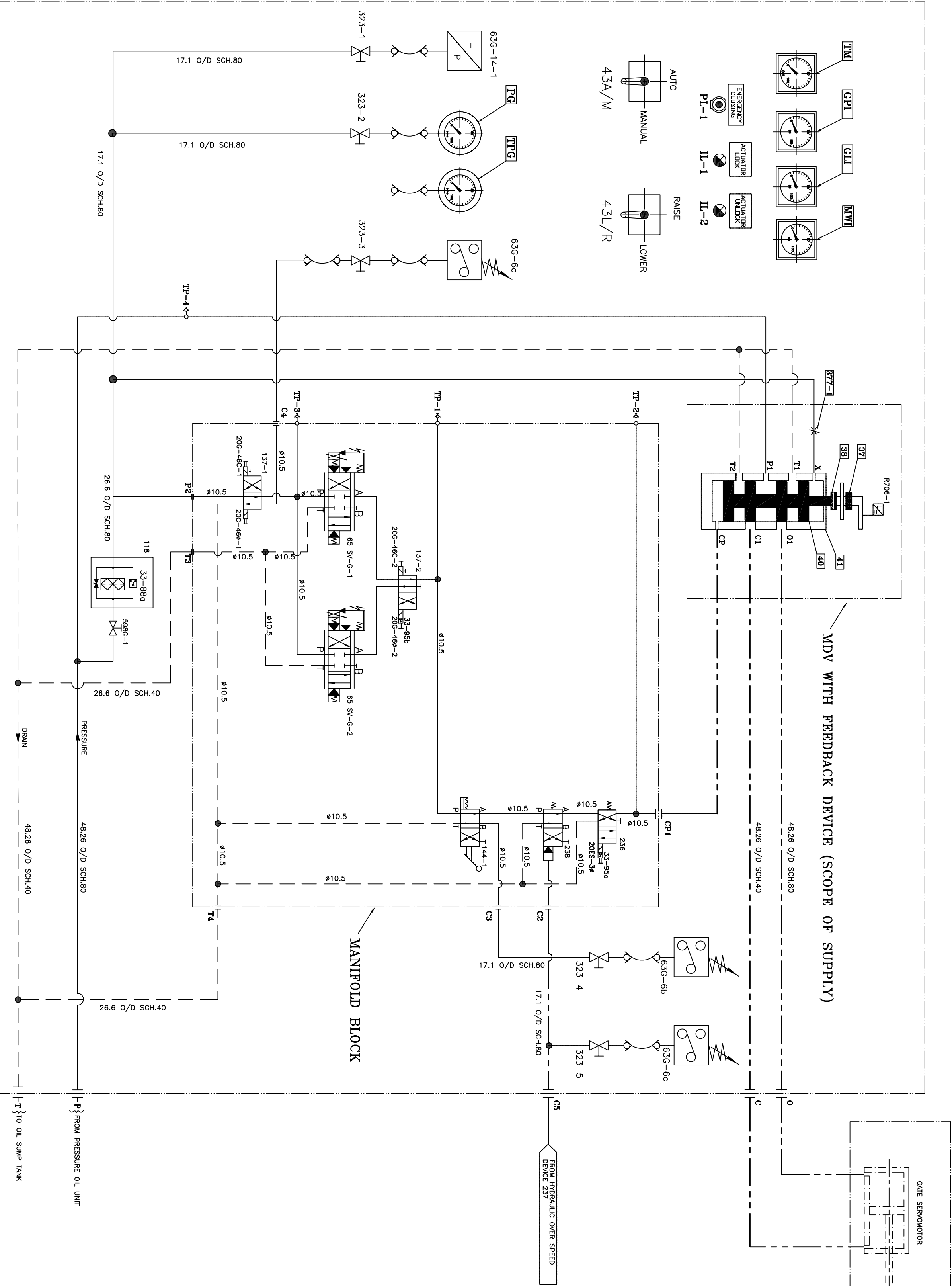




NOT IN SUPPLIER SCOPE

MECHANICAL DEVICES

- PG PRESSURE GAUGE
- TPG TEST PRESSURE GAUGE
- 37 NUT FOR LIMITING CLOSING STROKE OF MDV
- 38 NUT FOR LIMITING OPENING STROKE OF MDV
- 40 MAIN DISTRIBUTING VALVE SPOOL
- 41 MAIN DISTRIBUTING VALVE BODY
- 118 DUPLEX FILTER WITH CLOSING INDICATOR
- 137-1 SOLENOID OPERATED VALVE FOR ACTUATOR LOCK ON / OFF
- 137-2 SOLENOID OPERATED VALVE FOR SERVO VALVE SELECTION
- 144-1 HAND OPERATED DIRECTIONAL CONTROL VALVE FOR EMERGENCY CLOSING
- 236 SOLENOID OPERATED EMERGENCY CLOSING VALVE
- 323-1 THROTTLE
- 323-1 TO 5 ISOLATING VALVE FOR PR. GAUGE, PR. SWITCH & PR. TRANSMITTER
- 598G-1 ISOLATING VALVE
- TP-1,2,3&4 TEST POINT

ELECTRICAL DEVICES

- 20ES-36 SOLENOID FOR 236
- 20G-46B-1 & 20G-46C-1 SOLENOID FOR 137-1
- 20G-46B-2 & 20G-46C-2 SOLENOID FOR 137-2
- 33-88B ELECTRICAL SWITCHING CONTACT FOR CLOSING INDICATION ON 118
- 65SV-G-1&2 SERVO VALVES
- 63G-14-1 PRESSURE TRANSDUCER
- PL-1 ILLUMINATED PUSH BUTTON WITH TRANSPARENT COVER FOR EMERGENCY CLOSING
- IL-1 INDICATING LAMP FOR GOVERNOR ACTUATOR LOCK ON
- IL-2 INDICATING LAMP FOR GOVERNOR ACTUATOR LOCK OFF
- T4 TACHOMETER
- MMI POWER (MM) INDICATOR
- GP1 GATE POSITION INDICATOR
- GU GATE LIMIT INDICATOR
- R20B-1 MDV POSITION FEEDBACK TRANSDUCER
- 33-95b CONTACT FOR EMERGENCY CLOSING SOLENOID VALVE OPERATED FEEDBACK
- 33-95b CONTACT FOR SERVO VALVE SELECTION SOLENOID VALVE FEEDBACK
- 63G-6b PRESSURE SWITCH FOR FEEDBACK OF HAND OPERATED DIRECTIONAL VALVE
- 63G-6b PRESSURE SWITCH FOR FEEDBACK OF HYDRAULICALLY OPERATED VALVE
- 43A/M CONTROL SWITCH FOR RAISE / LOWER COMMAND FROM LOCAL
- 43L/R

LEGENDS:

P	MAIN PRESSURE CONNECTION PORT CONNECTION FROM DRAIN, 40NB WITH MATCHING BLANK FLANGE
T	DRAIN LINE PORT (C10) SUP. TANK, 40NB WITH MATCHING BLANK FLANGE
C5	CONTROL PRESSURE PORT (C11) FOR HYDRAULIC OVER SPEED DEVICES (BSP&F) WITH METALLIC PLUG
D & C	OPENING & CLOSING PORT TO GATE SERVO MOTOR, 40NB WITH MATCHING BLANK FLANGE
D1 & C1	BLANK FLANGE CONNECTION TO SERVO MOTOR
P1	PRESSURE PORT OF MAIN DISTRIBUTING VALVE
T1 & T2	DRAIN PORTS OF MAIN DISTRIBUTING VALVE
X	PILOT PRESSURE PORT OF MAIN DISTRIBUTING VALVE
CP	CONTROL PRESSURE PORT OF MAIN DISTRIBUTING VALVE
CP1	CONTROL PRESSURE PORT OF MAIN DISTRIBUTING VALVE
P2	PRESSURE PORT OF MAIN DISTRIBUTING VALVE
T3 & T4	DRAIN PORT OF MAIN DISTRIBUTING VALVE
C2 TO C4	CONNECTION PORT ON MAIN DISTRIBUTING VALVE FOR PRESSURE SWITCH
PRESSURE LINE	
DRAIN LINE	
CONTROL LINE	

STANDARD

ADDITIONAL INFORMATION
STATUS OF DRAWING U

DISTRIBUTION OF PRINTS

REV.	DATE	ALTERED
		CHECKED
		APPROVED



BHARAT HEAVY ELECTRICALS LTD.
BHOVAL

TITLE
HYDRAULIC SCHEME OF
GOVERNING SYSTEM
(SERVO VALVE OPERATED MDV TYPE)

DRAWING NO.
2 200 00 49 045 00

SFT.No. 01