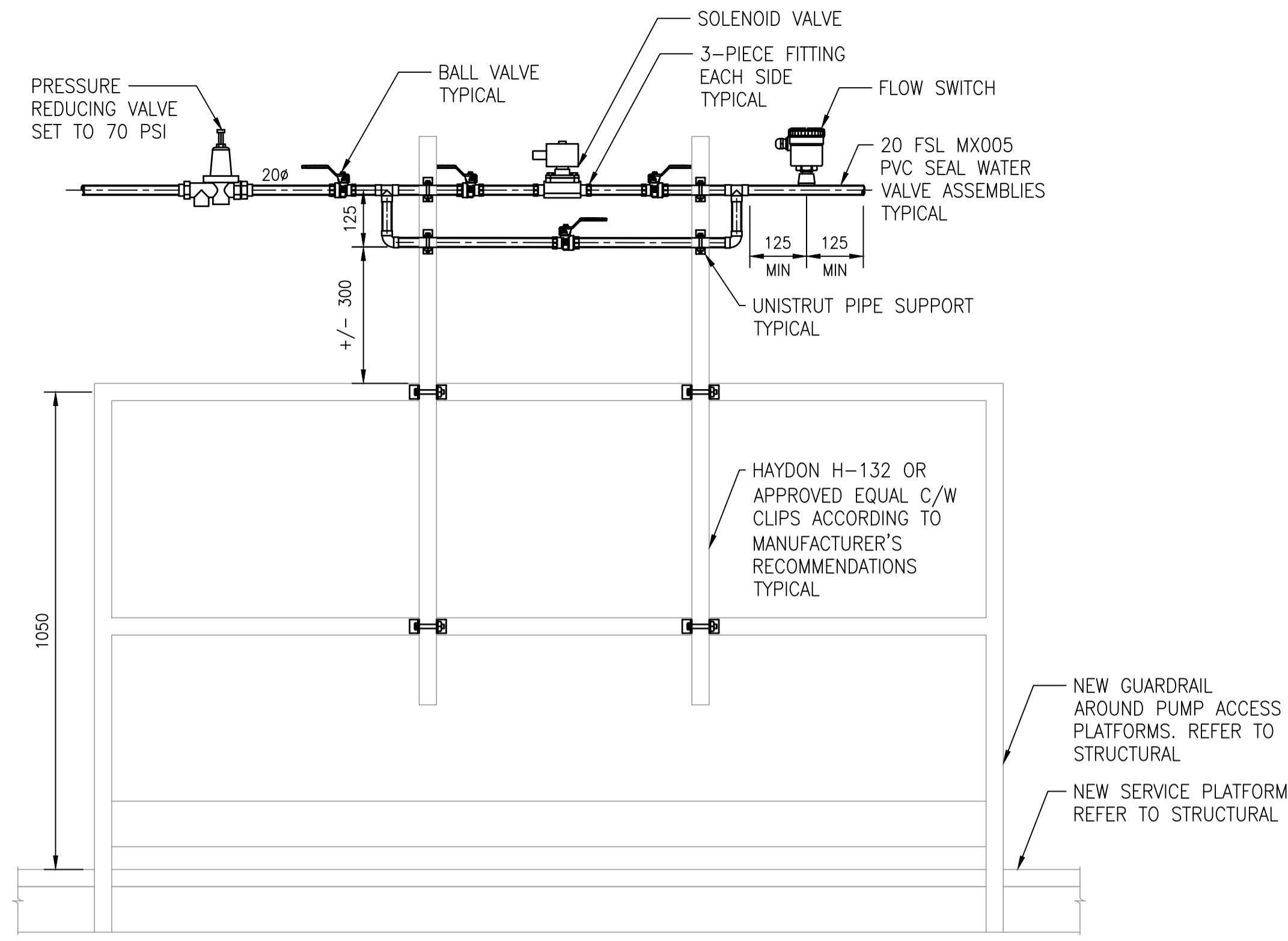


**NOTE:**  
1. CONFIRM FLOOR PENETRATION DIAMETER WITH PUMP/MOTOR SHOP DRAWINGS PRIOR TO CORING TO ENSURE MINIMUM DIAMETER REQUIREMENTS ARE MET.

1 - **DETAIL - PUMP BASE SUPPORT**  
SCALE: NOT TO SCALE



2 - **TYPICAL SEAL FLUSH ASSEMBLY DETAIL**  
SCALE: 1:10

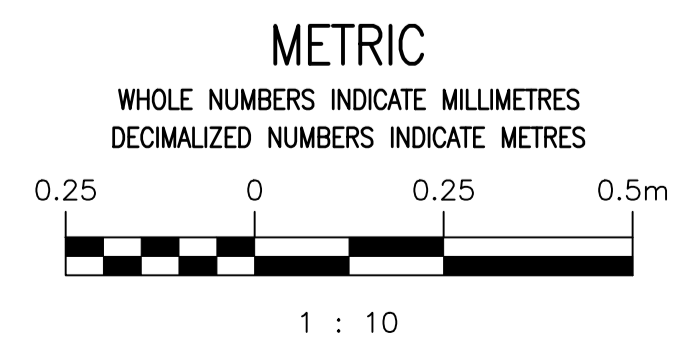
**NOTES:**

- CONTRACTOR TO PROVIDE SUPPORT FOR PIPING AND FITTINGS AS PER PIPING AND SUPPORT MANUFACTURERS' RECOMMENDATIONS.

PUMP SCHEDULE											
TAG	SERVICE	CAPACITY	TDH	PUMP SPEED	SOLIDS SIZE	MOTOR		ELECTRICAL			NOTES
		L/s	m WC	RPM	mm	HP	RPM	V	Ph	Hz	
M100PP	WASTEWATER LIFT PUMP	900	22.0	720	152	400	720	575	3	60	FROM OTHERS
M200PP	WASTEWATER LIFT PUMP	380	16.0	720	127	200	720	575	3	60	FROM OTHERS
M830-PWP	POTABLE WATER PUMP	0.5	53	-	-	-	-	230	1	60	GRUNDFOS JP15S-CI PS OR APPROVED EQUAL

DUCTLESS A/C SCHEDULE												
TAG	LOCATION		MANUFACTURER	MODEL		COOLING CAPACITY		ELECTRICAL			MCA	NOTES
	EVAPORATOR	CONDENSER		INDOOR UNIT	OUTDOOR UNIT	TONS	kW	V	Ph	Hz		
M650-AC	ELECTRICAL ROOM	OUTSIDE	CARRIER	40RUAA16T2A1-UA0A0	38AUDA16A0A1-0A0A0	15	52.7	575	3	60	22.4 (OUTDOOR) 6.0 (INDOOR)	3 STAGE, TWO CIRCUIT UNITS, WITH FLOOR-MOUNT BASE AND DISCHARGE PLENUM FOR INDOOR UNIT. PROVIDE WITH CONDENSATE PUMP FOR INDOOR UNIT, C/W 120V POWER TO PUMP

9		
8		
7		
6		
5		
4		
3		
2		
1	1-0103-MGAD-M002-001	PUMP AND ELECTRICAL ROOM PROPOSED PLANS
NO.	DRAWING NUMBER	REFERENCE DRAWINGS



01	ISSUED FOR ADDENDUM 1	2024-07-09	B.R.B./A.W.K.	
00	ISSUED FOR CONSTRUCTION	2024-06-20	B.R.B./A.W.K.	
NO.	REVISIONS	DATE	DESIGN	CHECK

**MPE**  
a division of Englobe

DESIGNED BY: B.R.B. CHECKED BY: A.W.K., P.P.G.  
DRAWN BY: J.A.B. APPROVED BY: A.W.K.  
SCALE: AS SHOWN RELEASED FOR CONSTRUCTION BY: DATE: 2024/06/20  
CONSULTANT NO.:

ENGINEER'S SEAL

JULY 9, 2024  
REV 01

**Winnipeg** THE CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT

PERIMETER ROAD PUMPING STATION  
2024 UPGRADES  
PROCESS MECHANICAL  
MECHANICAL DETAILS  
AND SCHEDULES

CITY DRAWING NUMBER: 1-0103-MDTL-M001 SHEET: 001 REV: 01 SIZE: A