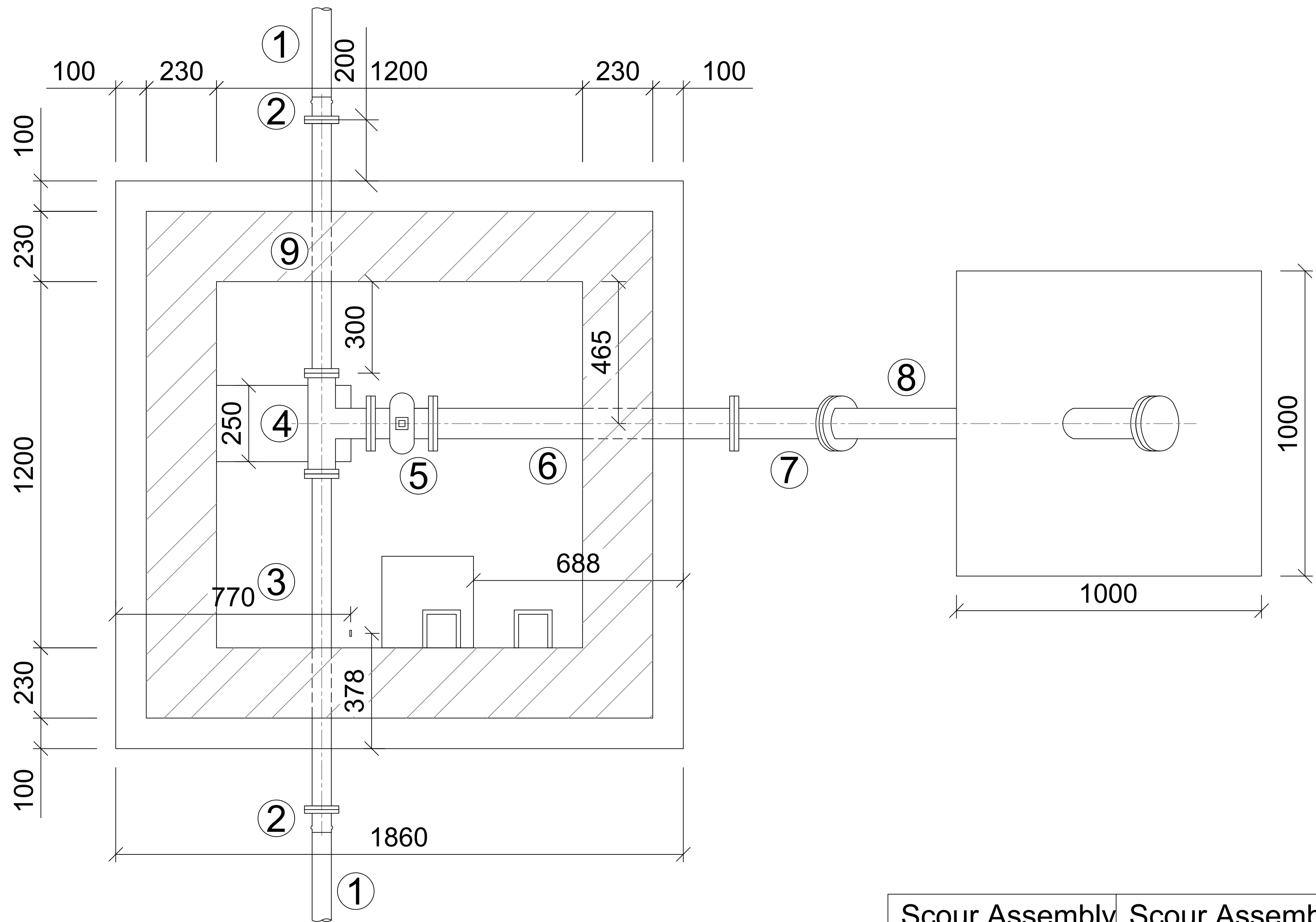




FLOOR PLAN
1:25

	Scour Assembly Type 1	Scour Assembly Type 2
①	90mmØ class 16 uPVC	110mmØ class 16 uPVC
②	90mmØ uPVC SG Iron flange adaptor, epoxy coated	110mmØ uPVC SG Iron flange adaptor, epoxy coated
③	1100mm long flanged 80Ø, medium duty steel pipe, both ends flanged, hot dip galvanised to SABS ISO 1461, epoxy coated.	1075mm long flanged 100Ø, medium duty steel pipe, both ends flanged, hot dip galvanised to SABS ISO 1461, epoxy coated.
④	80Ø x 80mm flanged equal tee, hot dip galvanised.	100Ø x 80mm flanged reducing tee, hot dip galvanised.
⑤	80mm Class 16 waterworks gate valve, to DWAF specifications, clockwise closing with cap top.	80mm Class 16 waterworks gate valve, to DWAF specifications, clockwise closing with cap top.
⑥	1020mm Long, 80mmØ, medium duty steel pipe, both ends flanged, hot dip galvanised to SABS ISO 1461, epoxy coated.	1020mm Long, 80mmØ, medium duty steel pipe, both ends flanged, hot dip galvanised to SABS ISO 1461, epoxy coated.
⑦	45° x 80mmØ flanged steel bend, hot dip galvanised to SABS ISO 1461, epoxy coated.	45° x 80mmØ flanged steel bend, hot dip galvanised to SABS ISO 1461, epoxy coated.
⑧	80mmØ, medium duty steel pipe, both ends flanged, with blank flange, hot dip galvanised to SABS ISO 1461, epoxy coated. Length to be determined on site.	80mmØ, medium duty steel pipe, both ends flanged, with blank flange, hot dip galvanised to SABS ISO 1461, epoxy coated. Length to be determined on site.
⑨	825mm long flanged 80mmØ, medium duty steel pipe, both ends flanged, hot dip galvanised to SABS ISO 1461, epoxy coated.	805mm long flanged 100mmØ, medium duty steel pipe, both ends flanged, hot dip galvanised to SABS ISO 1461, epoxy coated.

- NOTES:
1. All flanges shall comply with SABS 1123 (1600/3).
 2. All steel pipework up to 150mm NB shall be medium duty complying with SABS 62 and greater than 150mm complying to SABS 719
 3. Bolts and nuts shall comply with SABS 135.
 4. 20mm Thick flexijoint or approved equivalent shall be provided between pipeline and brickwork.
 5. All fittings to be rated class 16.
 6. Galvanising to SABS ISO 1461.
 7. Epoxy coating to DWAF specifications.

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DRAWING No.	REFERENCE DRAWINGS :

0	NOV 2025	ISSUED FOR TENDER	B.S.
NO.	DATE	REVISION	DRAWN

FOR TENDER

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KWAJOBE COMMUNITY WATER
SUPPLY SCHEME: PHASE 1

SCOUR VALVE CHAMBER FITTINGS

	SIGNATURE FOR FLUX/SDM	DATE	PR.No.	SHEET SIZE
DESIGNED	B.S	SEP 2025		A1
DRAWN	B.S	SEP 2025		SCALE
CHECKED	N.N	SEP 2025		AS SHOWN
APPROVED	N.N	SEP 2025		DWG STATUS
CO-ORDINATOR				P = PRELIMINARY C = CONSTRUCTION
FLUX/S.D.M. DRAWING NUMBER				
UKDM/STD/416				REVISION No.
				0
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