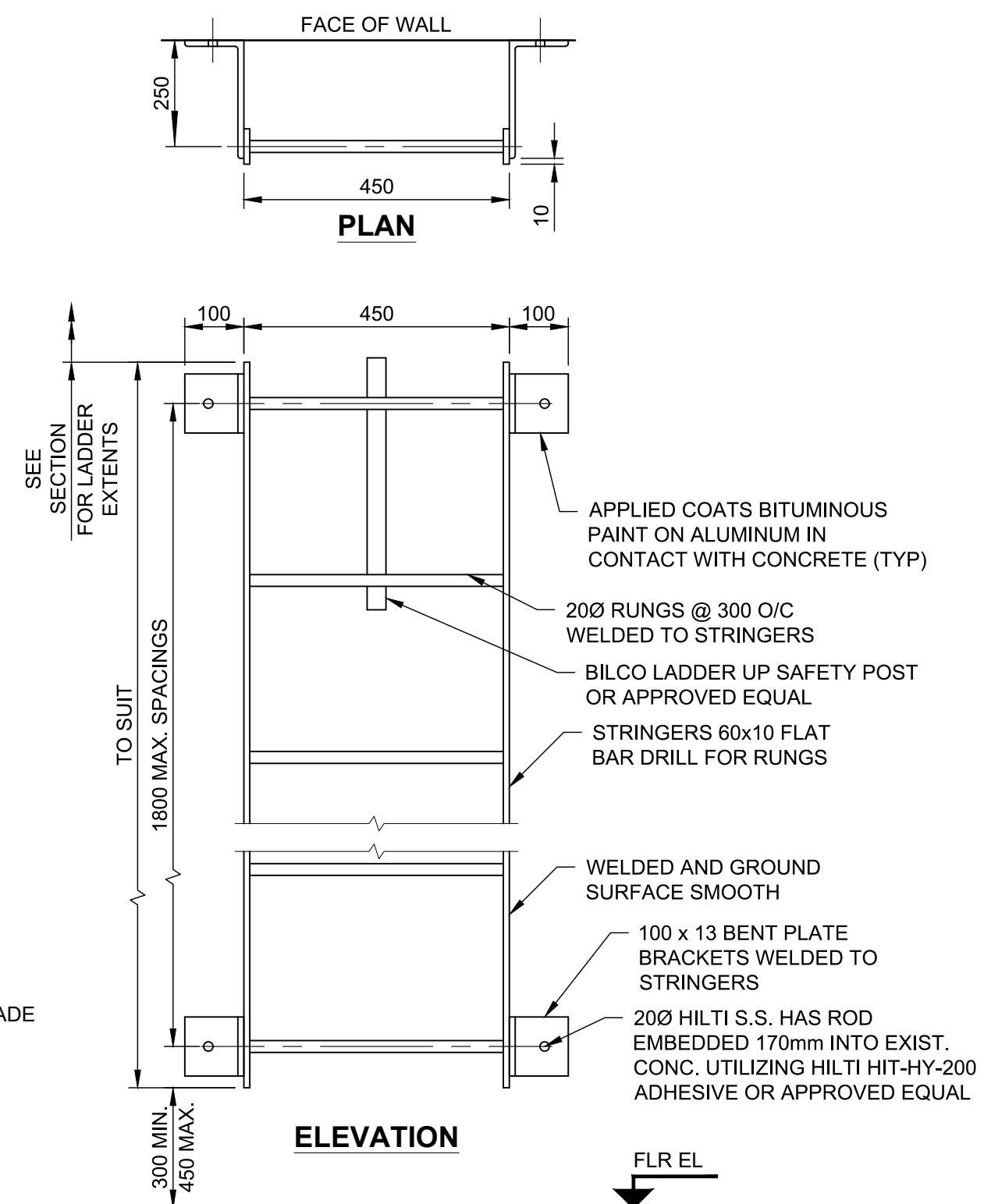
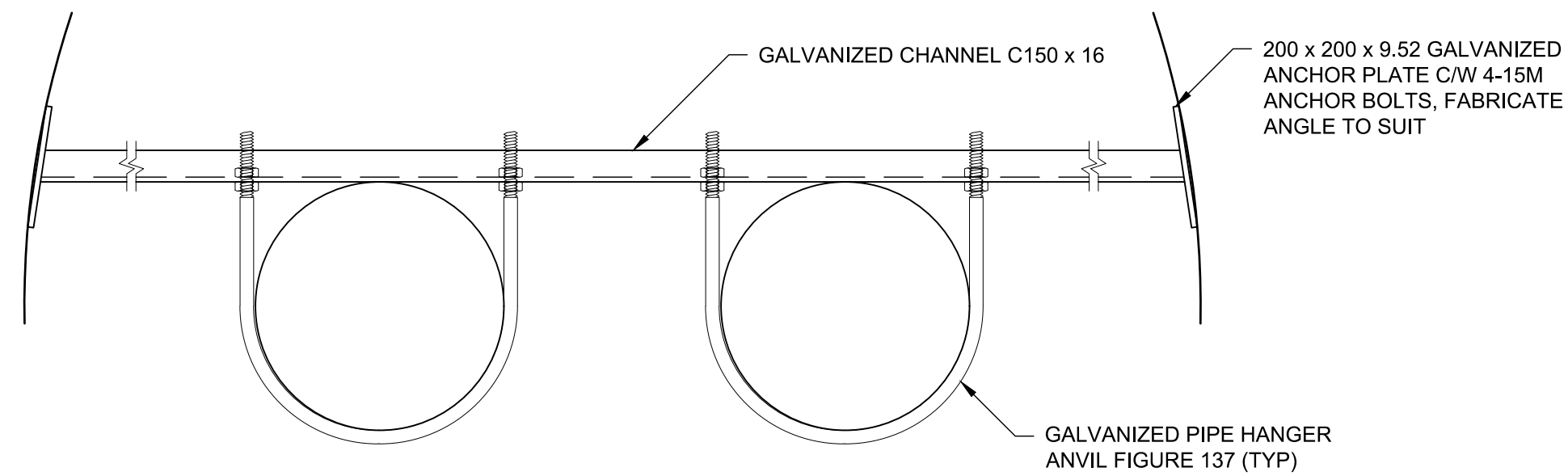
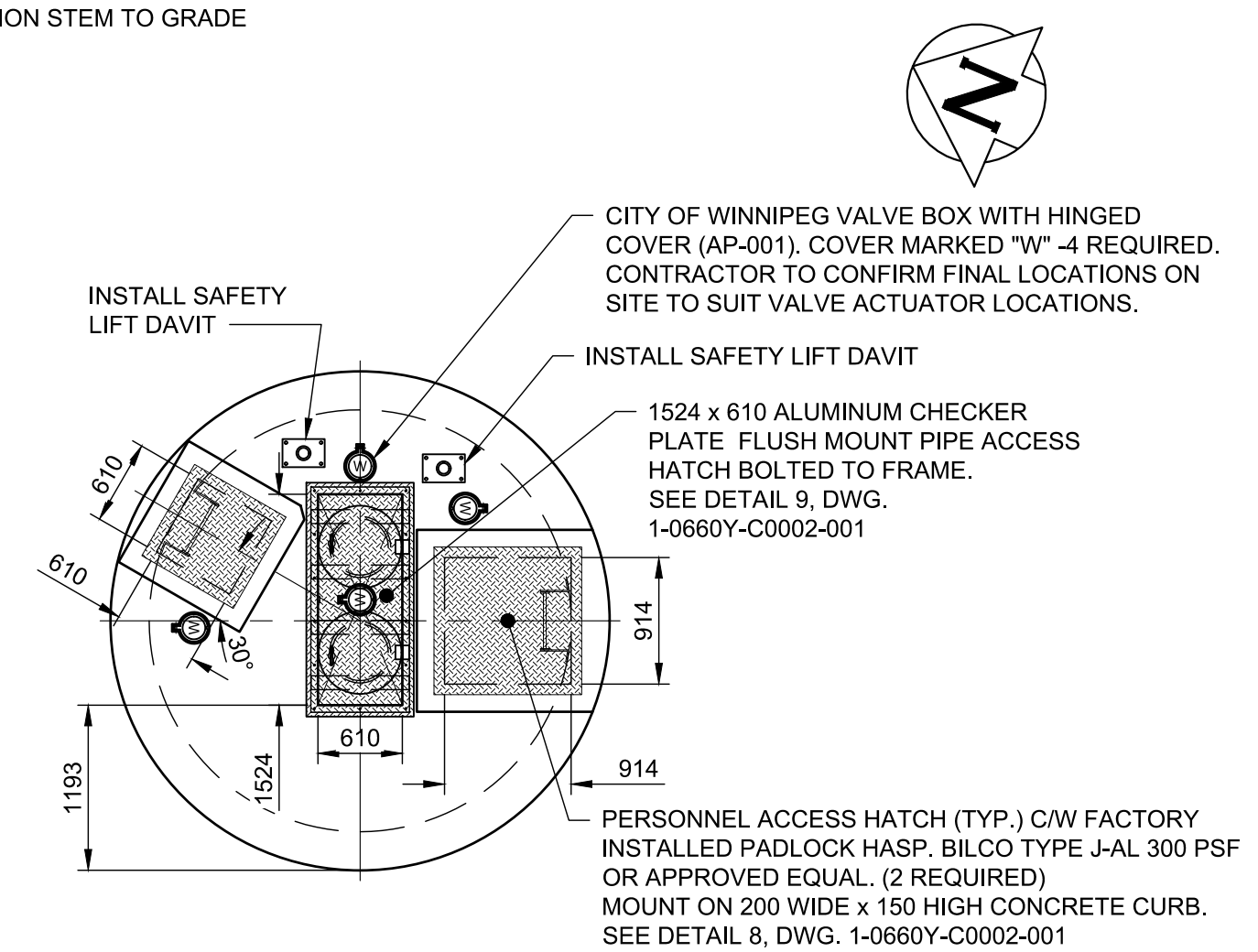
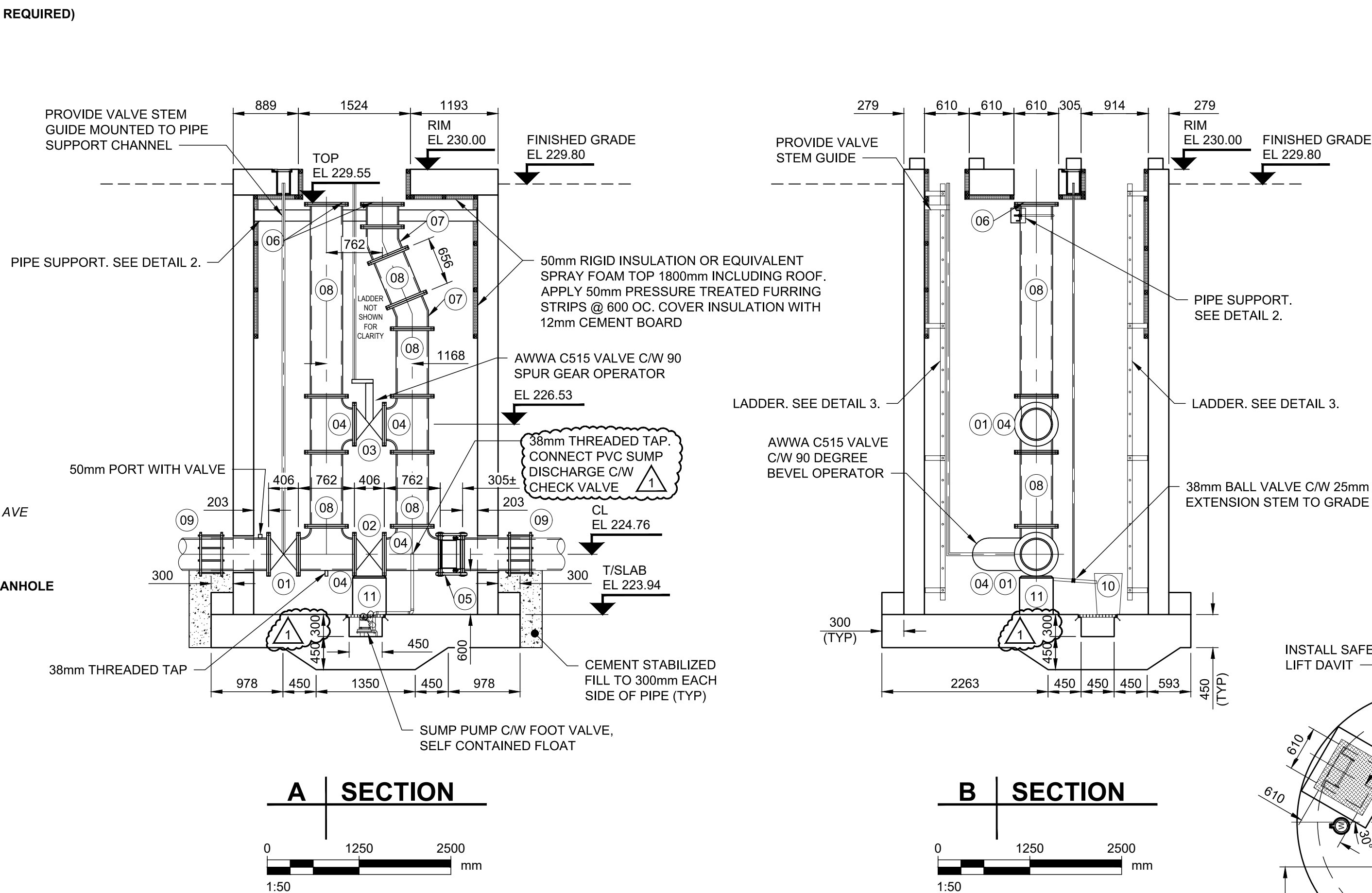
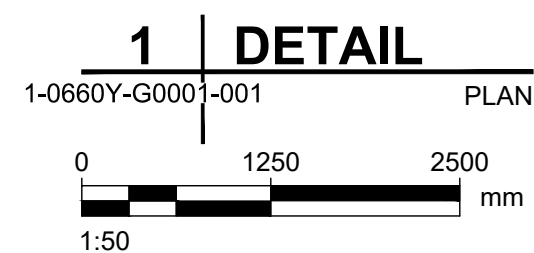




1. EXPOSE SIDES OF PIPELINES BY HYDRO EXCAVATION PRIOR TO INSTALLING PILES
2. PRE BORE PILES TO BELOW INVERT OF PIPELINES
3. MINIMUM OFFSET FROM CLOSEST EDGE OF PILE/SHORING TO PIPELINES IS 300mm
4. SECONDARY EXCAVATION IS PERMITTED ABOVE AQUEDUCT TO WITH 1.0m ABOVE TOP OF PIPE, IF REQUIRED. LATERAL LOADS ON THE AQUEDUCT ARE NOT PERMITTED.



(01)	400 AWWA C515 VALVE	
(02)	400 AWWA C515 VALVE C/W BEVEL GEAR OPERATOR	
(03)	400 AWWA C515 VALVE C/W SPUR GEAR OPERATOR	
(04)	400x400x400 AWWA C110 CAST IRON TEE (FLxFLxFL)	
(05)	400 DISASSEMBLY COUPLER	
(06)	AWWA C115 BLIND FLANGE CL 150	
(07)	22.5" BEND	
(08)	SPOOL PIECE (FLxFL LENGTH TO SUIT)	
(09)	SLEEVE COUPLER (AWWA C219)	
(10)	AIR GAP MONITOR (SEE DETAIL 4)	
(11)	VALVE BASE BLOCK (SEE DETAIL 5, DWG. 1-0660Y-S0001-001)	
(12)	SAFETY LIFT DAVIT (CONTRACTOR TO CONFIRM FINAL LOCATIONS ON SITE)	



0 1250 2500 mm

1:50

ROOF PLAN

**EE ENGINEERS
GEOSCIENTISTS
MANITOBA**
Certificate of Authorization
AECOM Canada ULC
No. 4671

**FOR INDEX SEE
1-0660Y-D0002-001**

[illegible]

PLOT DATE: 2025 08 13

Tender No: 639-2025

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