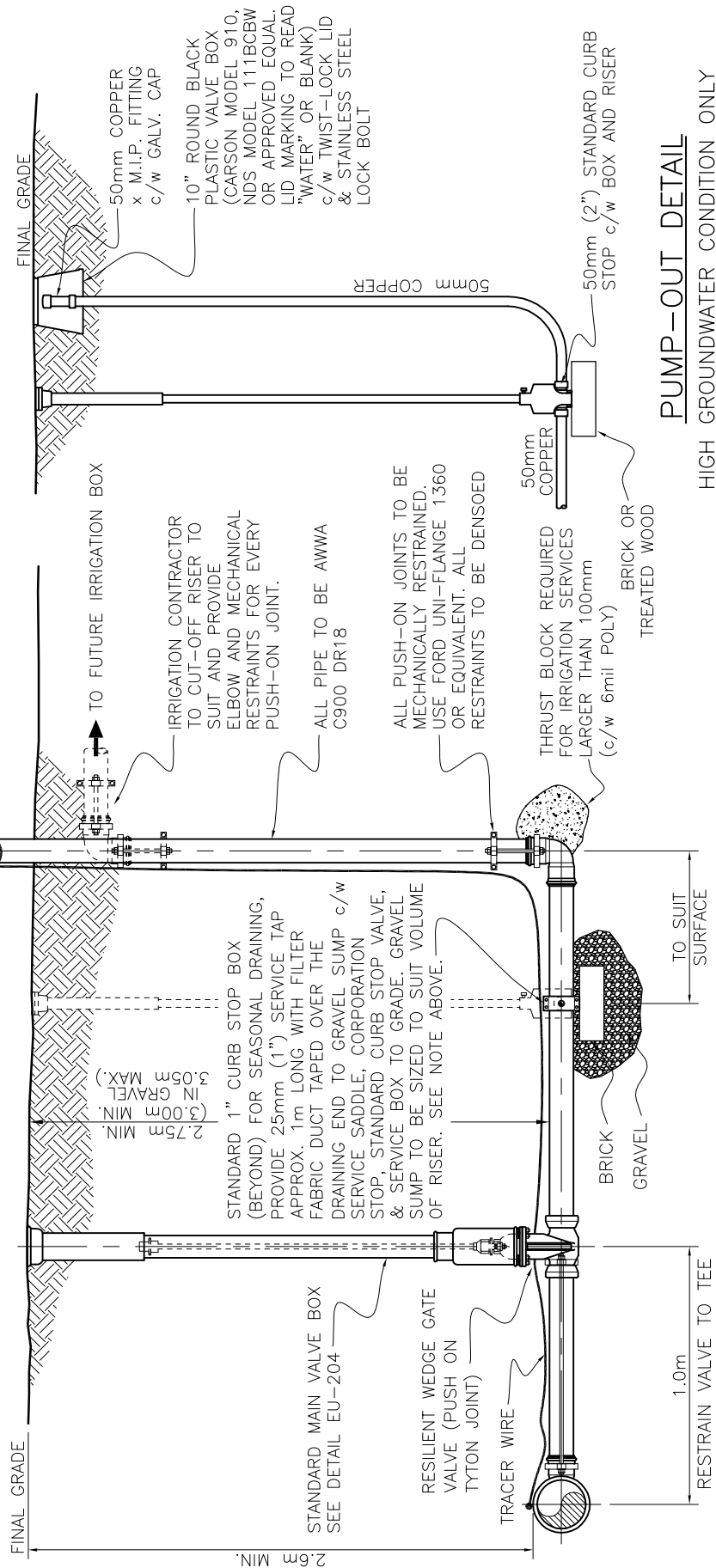


NOTE: IF GEOTECHNICAL REPORTS INDICATE THAT GROUNDWATER IS LESS THAN 3m FROM SURFACE OR IS OBSERVED IN TRENCH, INSTEAD OF 25mm (1") SERVICE TAP SHOWN BELOW LEFT, USE 50mm (2") SERVICE TAP COMPLETED TO SURFACE AS PER DETAIL BELOW RIGHT AND INFORM ENVIRONMENTAL UTILITIES THAT THE GROUNDWATER LEVEL IS TOO HIGH TO ACCOMMODATE A GRAVEL SUMP DRAIN AND 2" PUMPOUT RISER WAS INSTALLED. THE SERVICE RISER CAN THEN BE PUMPED OUT EACH AUTUMN.

DEEP UTILITY CONTRACTOR TO COMPLETE INSTALLATION TO VERTICAL PIPE PROTRUDING 1m ABOVE GRADE AS SHOWN. PROVIDE PVC PLUG OR CAP AS REQUIRED. RESTRAIN PLUG OR CAP TO RISER.

TAP SERVICE SADDLE ON THE SIDE OF RISER FOR FLUSHING



50mm COPPER
 10" ROUND BLACK PLASTIC VALVE BOX (CARSON MODEL 910, NDS MODEL 111BCBW OR APPROVED EQUAL. LID MARKING TO READ "WATER" OR BLANK) c/w TWIST-LOCK LID & STAINLESS STEEL LOCK BOLT

50mm COPPER
 50mm COPPER
 50mm (2") STANDARD CURB STOP c/w BOX AND RISER

IRRIATION CONTRACTOR TO CUT-OFF RISER TO SUIT AND PROVIDE ELBOW AND MECHANICAL RESTRAINTS FOR EVERY PUSH-ON JOINT.
 ALL PIPE TO BE AWWA C900 DR18
 ALL PUSH-ON JOINTS TO BE MECHANICALLY RESTRAINED. USE FORD UNI-FLANGE 1360 OR EQUIVALENT. ALL RESTRAINTS TO BE DENSORED

THRUST BLOCK REQUIRED FOR IRRIGATION SERVICES LARGER THAN 100mm (c/w 6mil POLY)
 BRICK OR TREATED WOOD

STANDARD 1" CURB STOP BOX (BEYOND) FOR SEASONAL DRAINING, PROVIDE 25mm (1") SERVICE TAP APPROX. 1m LONG WITH FILTER FABRIC DUCT TAPED OVER THE DRAINING END TO GRAVEL SUMP c/w SERVICE SADDLE, CORPORATION STOP, STANDARD CURB STOP VALVE, & SERVICE BOX TO GRADE. GRAVEL SUMP TO BE SIZED TO SUIT VOLUME OF RISER. SEE NOTE ABOVE.

TO SUIT SURFACE
 BRICK GRAVEL
 TO FUTURE IRRIGATION BOX

PUMP-OUT DETAIL
 HIGH GROUNDWATER CONDITION ONLY

				DATE:	07/06/13
				SCALE:	1:30
3	15	06	10	GENERAL REVISION	JED
2	11	06	28	REVISED TITLE	CRB BG
1	10	12	23	ADDED TRACER WIRE	PMD BG
No.	YY	MM	DD	REVISION DESCRIPTION	BY APP'D
					RALPH HAVINGA



Medicine Hat
The Gas City

Environmental Utilities

LARGE-DIAMETER IRRIGATION SERVICE CONNECTION LARGER THAN 50mm (2")

DWG. No. EU-218