REGIONAL DISTRICT OF NANAIMO

REQUEST FOR TENDER No. 26-023

River's Edge Water Quality Improvement

Addendum 2
Issued: June 16, 2026

Closing Date & Time: on or before 3:00 PM Pacific Time on June 30, 2026

This addendum shall be read in conjunction with and considered as an integral part of the Request for Tender. Revisions supersede the information contained in the original Tender or previously issued Addendum. No consideration will be allowed for any extras due to any Vendor not being familiar with the contents of this Addendum. All other terms and conditions remain the same.

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1. Precedence

This Addendum forms an integral part of the Contract Specifications and Drawings covering all aspects of this job and is to be read in conjunction therewith. However, should points arise which are at variance, this Addendum shall take precedence, unless otherwise clarified by the Engineer.

2. Purpose

This addendum provides specific clauses to add to and/or amend the specifications and/or drawings.

3. Schedule of Quantities and Prices - Submit with original Tender Form

Add: Under Division 32 – Roads and Site Improvements, add **Items 32.5 to 33.0**:

Division 32 – Roads and Site Improvements						
		Surface restoration to include all costs required to restore the surface to existing conditions or better.	Note			
	32.5	Chain Link Fence - Well Site (PW6)	M	80		
	32.6	Chain Link Fence - Well Site (PW7)	M	70		
	32.7	Chain Link Fence - Well Site (PW9)	M	115		
	32.8	Vehicle Gate - Well Site (PW6)	1	e.a.		
	32.9	Vehicle Gate - Well Site (PW7)	1	e.a.		
	33.0	Vehicle Gate - Well Site (PW9)	1	e.a.		

Replace: Replace **Item 33.6** with the following:

Division 33 – Utilities						
		Waterworks				
		Fittings, bends, reducers, tees, caps, couplers, adaptors, thrust blocks, crossing of water services, testing and commissioning, including installation and removal of temporary test points, are incidental to the watermain unit prices.	Note			
33 11 01	33.6	50 mm Buried Gate Valves	e.a.	7		
					Subtotal Division 33 – Utilities	

Add: Under Division 33 – Utilities, Add **Item 33.8**:

Division 33 – Utilities						
		Waterworks				
		Fittings, bends, reducers, tees. caps, couplers, adaptors, thrust blocks, crossing of water services, testing and commissioning, including installation and removal of temporary test points, are incidental to the watermain unit prices.	Note			
33 11 01	33.8	Flushout Assembly c/w Gate Valve	e.a.	3		
					Subtotal Division 33 – Utilities	

4. Supplementary Specification

Add: the following subsection under Section 32 31 13 Chain Link Fences and Gates:

Supplementary Specification:	**32 31 13 Chain Link Fences and Gates** **1.5 Measurement and Payment**		
Affected Document(s):	Volume II	**Change Type:**	Addition
Section:	32 31 13 Chain Link Fences and Gates	**Reference**	1.5 Measurement and Payment
Change Summary:	Addition of payment items		
Currently:	Not Applicable		
Should be:	**1.5.5 S** Payment for Chain Link Fence shall include all labour, materials, equipment, excavation, posts, gates, fittings, concrete foundations, hardware, installation, restoration, and all incidental work required to provide a complete and functional chain link fence system, and gates as shown on the Contract Drawings and specified herein. No separate payment will be made for work incidental to the installation of the chain link fence and gates, and all such costs shall be included in the unit price bid item.		

5. Drawing P 5.1 – Process Typical Well Kiosk Layout

Replace: Drawing with the attached.

6. Drawing P 5.2 – Process Typical Well Kiosk Section

Replace: Drawing with the attached.

7. Bidder Questions

1. **Question**: *"Regarding the section of 100 mm HDPE DR21 watermain between sta 2+300 and 2+360 on Kaye Rd. HDPE DR11 pipe is fairly bendable. Could we not just shape the ditch beyond the edge of asphalt and bend the 100 mm pipe to fit? Some of these suggested bends may not be necessary."*

   Response: Yes, as the pipe is fairly bendable, some of the bends may not be required and could be adjusted in the field as needed.

2. **Question**: *"The drawings say Manual transfer switch and the specifications call for Automatic transfer switch. Which takes precedence the drawings or the specifications?"*

   Response: Drawing E2.1 Single Line Diagram PW6, PW9 indicates MTS 100 amp. MTS shall be ATS on the drawing.

   Well sites PW6 and PW9 require automatic transfer switches as per quantities and model on Drawing E2.8 Item E4.

   Well site PW7 requires a manual transfer switch as per quantities and model on Drawing E2.8 Item E15.

   Specifications Section 26 36 23 indicates only the Automatic Transfers Switch, refer to Drawing E2.8 for automatic and manual models and quantities.

3. **Questions**: *"Could you point out the tie-in locations for the water connection and electrical connections at the wellheads? On drawing P4.3, will all the 50mm SS pipe and the 50mm gate valve be installed by the well installer? Do we assume to tie on at the gate valve flange? Will the three RPRV 41 dia. sleeves be installed by the well installer? Will there be any power cable and signal cable installed through these sleeves and left coiled for our electrical sub to attach?"*

   Responses: The Contractor shall provide all required conduits and cables from the kiosk and control panel to the wellhead junction box as indicated on the drawings. Please refer to Drawings E1.3 and E1.7.

   For Drawing P4.3, the existing well casing, pitless adapter, well pump, drop pipe, and associated downhole components are by others unless specifically noted otherwise. All above-grade components and yard piping, including the 50 mm stainless steel piping, gate valve, valve box, and connection to the 50 mm HDPE piping, shall be provided under this Contract unless specifically noted otherwise.

   Unless otherwise noted, all items shown in light grey indicate existing conditions, while all items shown in bold indicate work to be completed under this Contract.

4. **Questions**: *"The other thing that jumps out at us is the depth of cover. and the proximity to the edge of asphalt. I measure an average of 1.75m depth of cover on the 100 mm watermain and about 1.88m depth of cover on the 50mm water main (drawing C2.1). Bottom of trench will be ~ 0.2m deeper. This depth necessitates sloping the trench into the paved road or using a trench cage during pipe installation. BUT HDPE pipe installation does not lend itself to cage work. The pipe is fused continuously. The trench needs to be opened from one end to the other, the pipe assembly placed in the trench, bedded and backfilled. We would need trench cages spanning the entire length of the installation.*

   What should be pointed out, is that the typical watermain installation on Vancouver Island maintains the "1.2m cover" and dips down to avoid conflicts. Rising back to 1.2m cover as soon as possible. That's the "norm" for all municipalities that I've worked in, spanning 30+ years.

We could maintain the "1.2m cover" minimum, by bending the pipe to avoid the conflict at sta 1+860 on drawing C2.1 and dipping below the service crossing at 8+080. Rising back to the 1.2m cover as soon as practical. The depth of cover issue at sta 2+360 on drawing C2.4 might also be avoided by bending the pipe to better follow the asphalt edge. Failing that, maybe placing a short section of culvert in the conflicting ditch line and backfilling the surface grade. We need to do everything and anything to facilitate the 1.2m cover, while keeping the ditch as shallow as possible.

If we need to keep to the grades indicated on the drawing, then I believe that trench caging is the only option and I would request a change to DR18 pipe for the 100 mm run.
The pipe appears to be ~ 0.3m off the edge of asphalt in most sections. Even with a trench cage, the edge of asphalt will be impacted."

Response: The intent is to have the HDPE pipe directionally drilled. Several sections are deeper than 1.2m to maintain a continuous grades for the drilling. Where feasible with the drilling, the pipeline may be shallower and adjustments may be made in the field, subject to review and acceptance by the Engineer, as long as 1.2m of cover is maintained. The road has recently been paved in the last couple of years, as such the contractor to limit disturbance of the road where possible.

5. **Questions**:

    1. *"Will alternatives to the specified Yaskawa VFD's be considered?"*

    2. *"Will alternatives to the specified ASCO manual transfer switch at PW7 be considered?"*

    Responses:

    1. No. Yaskawa VFDs shall be used, as they are the Client's preference and are standardized with their operations.

    2. Yes, alternatives to the ASCO manual transfer switch may be considered provided they meet all design and space requirements. These will be reviewed during the shop drawing review phase.

6. **Questions**:

    1. *"For the connection to existing at PW9, the existing line is shown as 100 mm while the proposed is 50mm. Please confirm the diameters are correct and a reduction is required."*

    2. *"Please provide the battery limits between Owner and Contractor for the wells."*

    3. *"Are compression couplings acceptable for the 50mm HDPE lines?"*

    4. *"Is there a geotechnical report that can be provided?"*

    5. *"How tall are the proposed fences around the well sites?"*

    6. *"There are several references to directional drilling. Can you please clarify where, if applicable, directional drilling is required?"*

7. *"If the contractor is expected to commission the equipment that is supplied and installed by Owner, then please provide the vendor contacts for the equipment."*

8. *"A detail for culverts was provided in the drawings. It appears that culverts are existing at the entrance of each well site. Please confirm what, if anything, is required with regard to culvert remediation or surface treatment."*

9. *"Bollards are shown around the well heads, but not around the kiosks or generators. Please confirm that there are only 4 bollards at each well site around the well heads."*

10. *"The process well details state "All well related work to be completed by a BC Registered Well Pump Installer". Please clarify the battery limits for a BC Registered Well Pump Installer."*

Responses:

1. The existing pipeline at PW9 is 100 mm and the proposed connection is 50 mm. The Contractor shall provide the reducing transition. Refer to P&ID P1.1.

2. Existing well casing, pitless adapter, well pump, drop pipe, and associated downhole components are by others unless noted otherwise. The process piping, valves, valve boxes, civil connection, kiosk, electrical works with well pump connection, shown in the Contract Documents are part of this Contract unless specifically noted otherwise. Unless otherwise noted, all items shown in light grey indicate existing conditions, while all items shown in bold indicate work to be completed under this Contract.

3. Compression couplings are not permitted. HDPE pipe joints shall be made using butt fusion or electrofusion methods.

4. Please refer to the well completion logs for each well for information purposes.

5. 1.8 m.

6. The intent is to directional drill the HDPE water lines as noted on the drawings.

7. Yes, the Contractor is responsible for commissioning Owner-installed equipment. The vendor contact for commissioning coordination.

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   Technical Sales Rep
   Unit 102 - 6592 176 St, Surrey, BC, V3S 4G5
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   E dalej@aggressivepump.com | aggressivepump.com

8. There are no new culverts to be installed. Should the existing culverts be damaged/disturbed during construction they will need to be restored.

9. No additional bollards are required beyond the four (4) bollards provided at each well.

10. The requirement for a BC Registered Well Pump Installer applies only to work associated with the well and downhole equipment. Existing well casing, pitless adapter, well pump, drop pipe, and associated downhole components are by others unless noted otherwise. Work under this Contract outside those components shall be completed by the Contractor. All items shown in light grey indicate existing conditions, while all items shown in bold indicate work to be completed under this Contract.

7. **Questions**:

   1. *"Are the Kiosk to be provided by Code and Eaton Distribution only or are alternatives allowed?"*

   2. *"Single Line on all kiosks indicate manual transfer switch but the kiosk layout drawings show ATS (Automatic Transfer Switch) which one is to be supplied?"*

   3. *"Are all VFD to be supplied by Electrical Contractor or will these by supplied by Mechanical?"*

   Responses:

   1. Alternatives may be considered provided they meet all design and space requirements. This will be reviewed during the shop drawing phase.

   2. Drawing E2.1 Single Line Diagram PW6, PW9 indicates MTS 100 amp, this will be addressed in an upcoming addendum. MTS will be updated to read ATS on the drawing. Well sites PW6 and PW9 require automatic transfer switches as per quantities and model on Drawing E2.8 Item E4. Well site PW7 requires a manual transfer switch as per quantities and model on Drawing E2.8 Item E15. Specifications Section 26 36 23 indicates only the Automatic Transfers Switch, refer to Drawing E2.8 for automatic and manual models and quantities.

   3. Electrical contractor to supply the VFD's. Yaskawa VFD's are to be provided as per Specification Section 26 29 23.

8. **Questions**:

   1. *"PW7 is in the same compound as the existing PW4. Could PW7 be tied into the same feeder main that PW4 is currently tied into? Similar to the PW9 and PW1 situation. Wouldn't that eliminate the need for the 50mm HDPE feeder main to the River's Edge Dr / Kaye Rd intersection tie-in point?"*

   2. *"On drawing C4.0 there is a detail labelled "Typical HDPE to PVC Transition for Pipes". Where does this apply in this contract? The tie-in to the 100 mm Supply main on drawing C2.4 will be made with a HxHxF tee installed on the existing DR18 main. The 100 mm HDPE will be connected to the 100 mm FxF gatevalve, with a stub end c/w backup ring. The other end of the 100 mm HDPE ends in an HDPE tee connected to the 2ea 50mm HDPE runs."*

   3. *"Regarding the tie-in at PW 9 to the existing 100 mm PVC. I presume this currently terminates in a WM cap. Would you have any as-built information? Is this cap restrained currently? Is this a 100 mm cap w/50IPT?"*

4. *"Each of these kiosk & wellhead compounds has a flushout assembly in them. Will you be creating a tender item for these, or should they be included elsewhere?"*

Responses:

1. PW1 and PW4 are monitoring wells and are not directly connected to the feeder main. As such, new tie-ins will be required for PW7 and PW9.

2. The transition from PVC to HDPE pipe is at the intersection of Peterson Road and Kaye Road with the intent of transitioning from PVC to HDPE before the gate valve. However, the proposed connection would be an acceptable alternative.

3. Based on the record drawing, the 100 mm branch at PW9 is shown as a 100 mm stub with joint restraint plus one pipe joint beyond. Contractor to confirm existing conditions in the field prior to tie-in.

4. Please refer to the updated Schedule of Quantities and Prices.

9. **Question**:

"Is the expectation that the HDPE within the well sites is also directional drilled?"

Response:

No. Directional drilling is intended for the HDPE water lines along the roadway to minimize road disturbance. Within the well sites, the Contractor may install the HDPE using conventional open-cut methods.

List of companies that have requested the tender documents as of June 15, 2026:

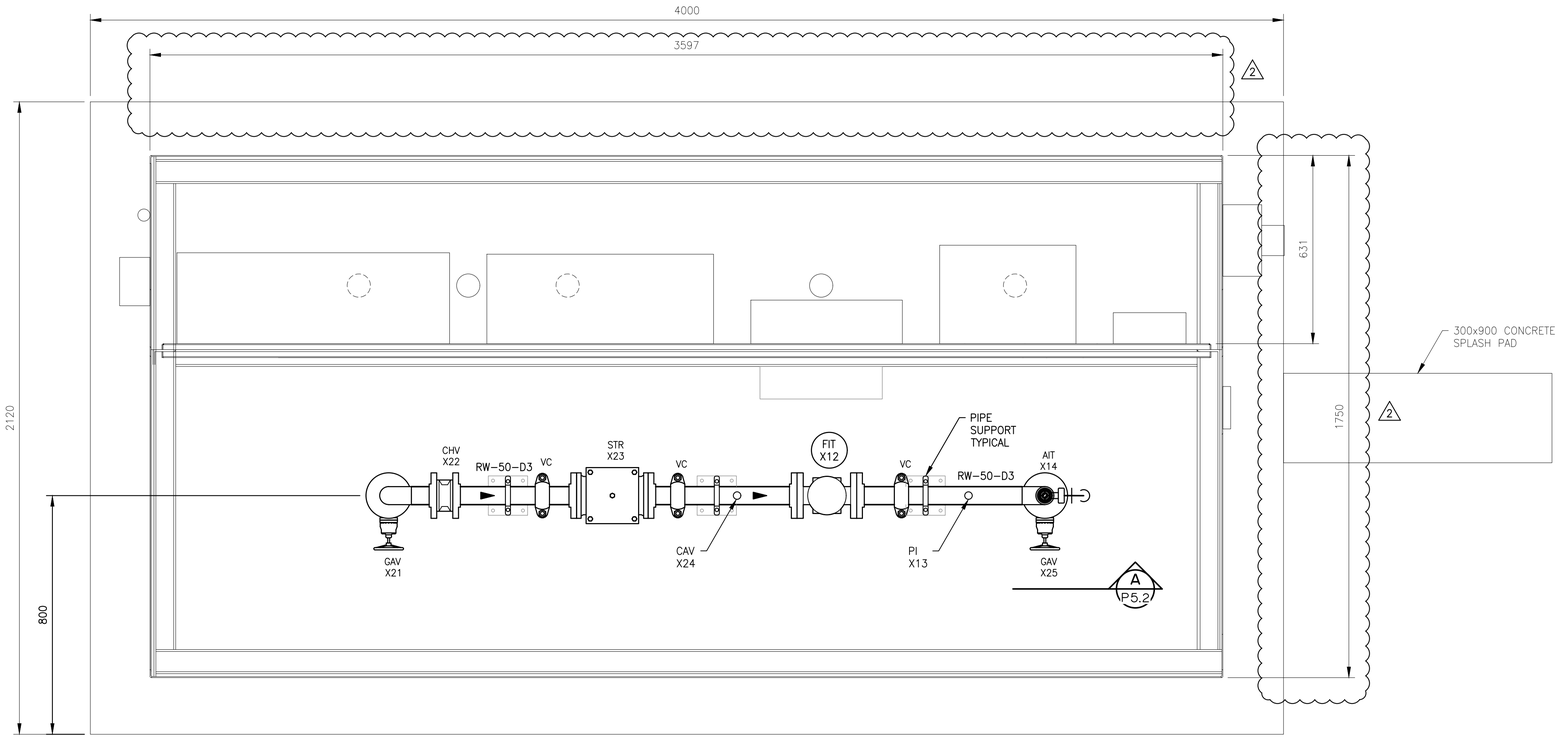
	Contractor
1	Khowutzun Development Corporation
2	Ridgeline Mechanical
3	Graf Concrete & Iron
4	Island Utility Construction
5	Stone Pacific Contracting
6	JS Ferguson
7	In the Dirt Contracting
8	Way Point Projects
9	Windley Contracting
10	Drake Excavating
11	Flatiron Dragados
12	Haylock Bros Paving
13	Hazelwood Construction
14	Stellar Power & Control
15	Raylec Power

	Contractor
16	Sasco Contractors
17	IWC Excavation
18	Knappett Industries
19	Cabre Oilfield
20	Parsons
21	Trans Canada Trenchless
22	Norland
23	PW Trenchless
24	Magnum Project Management
25	McElhanney

End of Addendum 2

NOTES:
1. ALL ELEVATIONS AND STATIONS ARE IN METERS UNLESS NOTED OTHERWISE. ALL DIMENSIONS AND PIPE SIZES ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. PROVIDE FLOOR SUPPORTS AS NEEDED. CONTRACTOR TO CONFIRM LOCATION WITH ENGINEER PRIOR TO INSTALLATION.

FOR FULL TAG NAME REPLACE X WITH WELL NUMBER AS FOLLOWS	
X	WELL
6	PW6
7	PW7
9	PW9



PLAN

REFERENCE DRAWINGS		
DRAWING NO	DRAWING DESCRIPTION/TITLE	REF
-	-	1

PERMIT NUMBER: 1000353

Association of Professional Engineers and Geoscientists of the Province of British Columbia
K.S. SCHURTZ
ENGINEERING LICENSEE
Limited License
223209
2026-06-12

REV	YY/MM/DD	DESCRIPTION	DRWN	CHKD	APVD
2	26/06/09	FOR ADDENDUM 2	Y.F.S	J.M.H.	
1	26/06/02	FOR TENDER	Y.F.S.	J.M.H.	

REGIONAL DISTRICT OF NANAIMO

CONSULTANT
MPE
a division of Englobe

TITLE:
PROCESS
TYPICAL WELL KIOSK LAYOUT

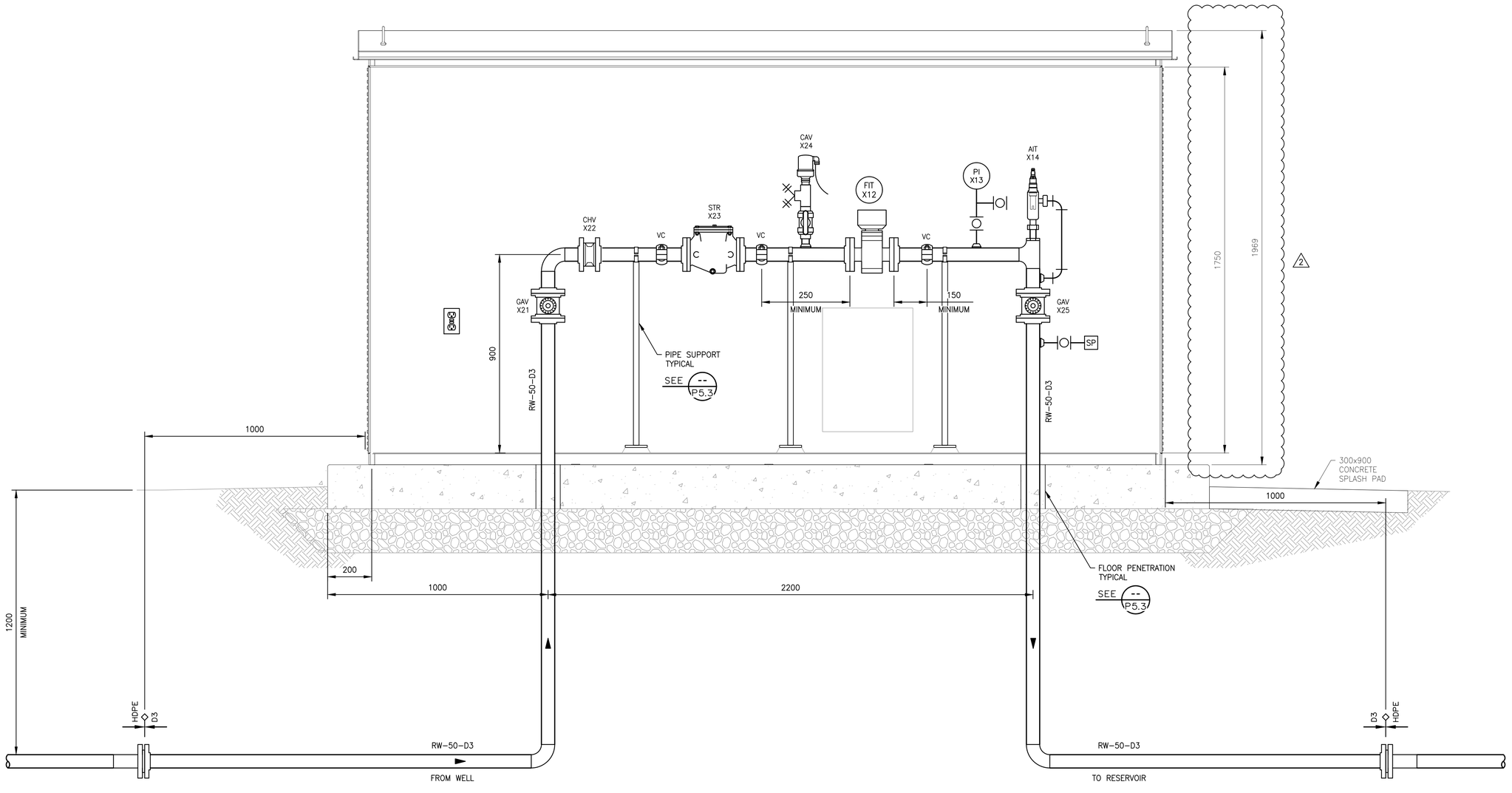
PROJECT NO:	9794-010-01	DSGN: L.X.	DATE: 26/06/08
RDN PROJECT NO:	-		
DRAWING SIZE:	ANSI "D"	CHKD: J.M.H.	DATE: 26/06/08
SCALE:	1:10	APVD: -	DATE: -

PROJECT:
RIVER'S EDGE WATER QUALITY IMPROVEMENT

DWG NO: **P5.1**
REV: **1**

NOTES:
1. ALL ELEVATIONS AND STATIONS ARE IN METERS UNLESS NOTED OTHERWISE. ALL DIMENSIONS AND PIPE SIZES ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. PROVIDE FLOOR SUPPORTS AS NEEDED. CONTRACTOR TO CONFIRM LOCATION WITH ENGINEER PRIOR TO INSTALLATION.
3. ALL FITTINGS TO MATCH PRESSURE RATING OF MAIN LINE.
4. PIPE COMBINATION AIR/VACUUM VALVE DISCHARGE TO EXTERIOR CONCRETE SPLASH PAD. TERMINATE DISCHARGE PIPE ABOVE SPLASH PAD WITH OUTLET DIRECTED DOWNWARD.

FOR FULL TAG NAME REPLACE X WITH WELL NUMBER AS FOLLOWS	
X	WELL
6	PW6
7	PW7
9	PW9



REFERENCE DRAWINGS		
DRAWING NO	DRAWING DESCRIPTION/TITLE	REF
-	-	1

PERMIT NUMBER: 1000353

Association of Professional Engineers and Geoscientists of the Province of British Columbia
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ENGINEERING LICENSEE
Limited Licence 223209
2026-06-12

REV	YY/MM/DD	DESCRIPTION	DRWN	CHKD	APVD
2	26/06/09	FOR ADDENDUM 2	Y.F.S	J.M.H.	
1	26/06/02	FOR TENDER	Y.F.S.	J.M.H.	

REGIONAL DISTRICT OF NANAIMO

CONSULTANT
MPE
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TITLE:
PROCESS TYPICAL WELL KIOSK SECTION

PROJECT:
RIVER'S EDGE WATER QUALITY IMPROVEMENT

PROJECT NO:	9794-010-01	DSGN:	L.X.	DATE:	26/06/08
RDN PROJECT NO:	-				
DRAWING SIZE:	ANSI "D"	CHKD:	J.M.H.	DATE:	26/06/08
SCALE:	1:10	APVD:	-	DATE:	-

DWG NO: **P5.2**
REV: **#**

GW SOLUTIONS
ASSESSMENT & PROTECTION OF GROUNDWATER

COMPLETION LOG WELL ID: PW06

DATE COMMENCED: 03 July, 2025
DATE COMPLETED: 04 July, 2025
UTM EASTING (m): 406933
UTM NORTHING (m): 5459264
GROUND ELEV. (m.a.s.l): 61.72

CLIENT:
PROJECT: RDN Englishman RWSA
LOCATION: River's Edge
CONTRACTOR: Red Williams Well Drilling Ltd.
STICK UP (m): -

WELL ID PLATE No.:
BC WELL TAG No.:
DRILL RIG: AIR_ROTARY
DRILLER: Kevin
LOGGED BY: GW Solutions

ft	m	ft	Graph log	m	Log description
0	0	2		0.61	dark brown silt & gravel-loose
5	2	7		2.13	tan silty cobble-STIFF
10		11		3.35	tan silty gravel-STIFF
15	4	15		4.57	tan silt/till-SOFT
20	6	23		7.01	grey silt/till, damp-SOFT
25	8				grey silt/till cobble-STIFF
30	10	32		9.75	
35		38		11.6	grey silty gravel-STIFF
40	12	43		13.1	grey silty gravel-STIFF
45	14				grey silty sand & gravel-STIFF
50	16	55		16.8	
55		57		17.4	grey silty sand & gravel-STIFF
60	18	61		18.6	grey silty sand & gravel-STIFF
		62		18.9	grey silty sand & gravel-STIFF
65	20	65		19.8	grey silty sand & gravel-SOFT
70		70		21.3	grey silty sand & gravel-STIFF
	22				grey silty sand & gravel-STIFF
75		77		23.5	
80	24				grey sand & gravel w/b-SOFT
85	26	89		27.1	
90	28	94		28.7	grey silty gravel w/ some sand-SOFT
95					grey silty sand & gravel-STIFF
	30	98		29.9	

Well construction details

ft	m	
18'	5.49	bentonite clay poured
	10.9	7/24/2025
		8 in dia. Steel casing
77.2'	23.5	
78'	23.8	8 in dia. K-packer
		slot size: 100
88'	26.8	
		backfilled with bentonite & peagravel
98'	29.9	

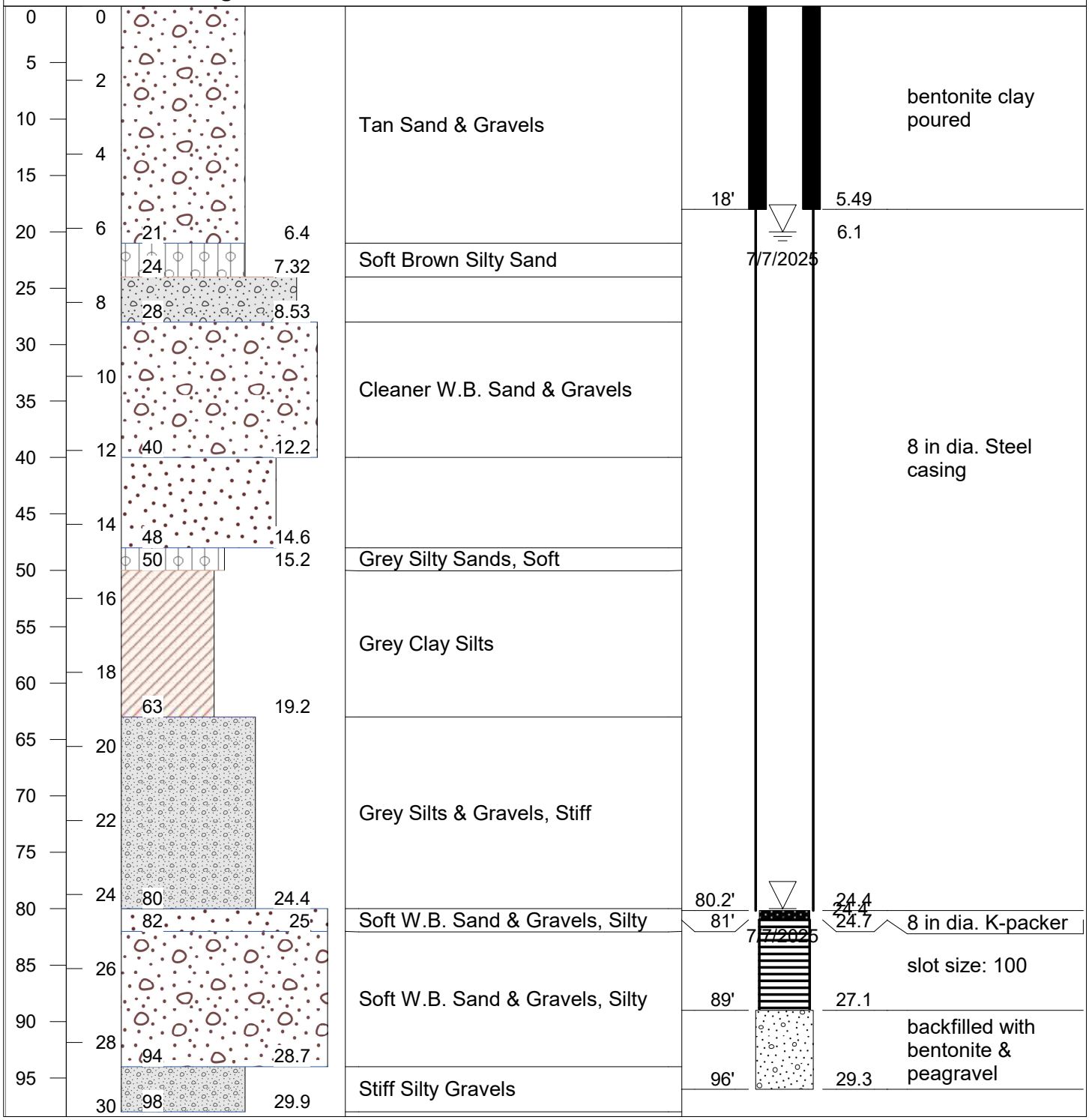
GW SOLUTIONS
ASSESSMENT & PROTECTION OF GROUNDWATER

COMPLETION LOG WELL ID: PW07

DATE COMMENCED: 04 July, 2025
DATE COMPLETED: 07 July, 2025
UTM EASTING (m): 407029
UTM NORTHING (m): 5459825
GROUND ELEV. (m.a.s.l): 53.84

CLIENT:
PROJECT: RDN Englishman RWSA
LOCATION: River's Edge
CONTRACTOR: Red Williams Well Drilling Ltd.
STICK UP (m): -

WELL ID PLATE No.: RDN English
BC WELL TAG No.:
DRILL RIG: AIR_ROTARY
DRILLER: Robert
LOGGED BY: GW Solutions



GW SOLUTIONS
ASSESSMENT & PROTECTION OF GROUNDWATER

COMPLETION LOG WELL ID: PW09

DATE COMMENCED: 22 September, 2025
DATE COMPLETED: 23 September, 2025
UTM EASTING (m):
UTM NORTHING (m):
GROUND ELEV. (m.a.s.l):

CLIENT:
PROJECT: RDN Englishman RWSA
LOCATION: River's Edge
CONTRACTOR: Red Williams Well Drilling Ltd.
STICK UP (m):

WELL ID PLATE No.: RDN English
BC WELL TAG No.:
DRILL RIG: AIR_ROTARY
DRILLER: Robert
LOGGED BY: GW Solutions