REGIONAL DISTRICT OF NANAIMO

REQUEST FOR PROPOSALS No. 25-017

NBPCC Final Effluent Chamber Piping Bypass Pumping Plan

Addendum 1

Issued: March 25, 2025

Closing Date & Time: on or before 3:00 PM Pacific Time on March 26th, 2025

This addendum shall be read in conjunction with and considered as an integral part of the Request for Proposals. Revisions supersede the information contained in the original Proposal 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.

Request for Proposals Addendum Sections

a. Respondent questions
b. Appendix:
    1. Drawing NB-S-104

End of Addendum 1

REGIONAL DISTRICT OF NANAIMO

Addendum 1a
Responses to Vendor Questions

1. **Question:** What is the depth of this tank? Elevations at ground and bottom of tank?
   Answer: *Please see attached drawing, NB-S-104 which speaks to elevations*
2. **Question:** Fluid level from ground? Does the fluid level remain consistent during normal operations?
3. ***Answer:*** *The fluid level will be at approximately 38.35m in typical operation. I would expect as part of the plan that the level would be controlled to be below the weir for an extra measure of conservatism.*
4. **Question:** Is there "Obstacles/Equipment " in the tank that will interfere with the pump suction hose getting caught in or damaging? Depth to top of any concerns from ground level?
   Answer: *Yes – the collector mechanism may cause interference but will not be rotating during the bypass.*
5. **Question:** The Isolation of any drain lines and the pipe plug installation is to be provided by the Prime Contractor selected for the project (RDN – WWTP will be the Prime Contractor) as we do not provide confined space entry services.
   Answer: *This RFP is for the plan only. The construction of the bypass (including isolation) shall be determined upon completion of this phase. The intention for the next phase is for the prime contractor to be responsible for the construction and isolation.*
6. **Question:** There appears to be possibly two discharge points options?
   a. Discharge at the Final Effluent Chamber - excavation req'd down to a flange connection for tie-in (pg 5 bottom).
      i. Confirm flange size connection for tie-in and the depth of the flange from ground level.
      ii. Assuming this is the preferred option unless there is an issue with access, isolation or excavation?
   b. Second Option (see pic below) to discharge into the existing air relief chamber at the site entrance.

Discharge hose will be installed into the PVC piping? Confirm size – appears to be 6"? (I believe this is the right pic from the docs)
Discharge length Approx 1,100' (pg 13 mapping, see pics below)

Answer:

6. Please review page 13/47 in the RFP file. It communicates the two options. Please review Page 24/27 in the RFP file for elevations and connection for option 1. Option two tie-in is expected to be DN 300. Option 1 is preferred.

6b – The picture provided is not for the air relief chamber, but a potential future fan location adjacent to the tank. Please disregard. The air relief chamber can be seen on Page 14/47 in the PDF.

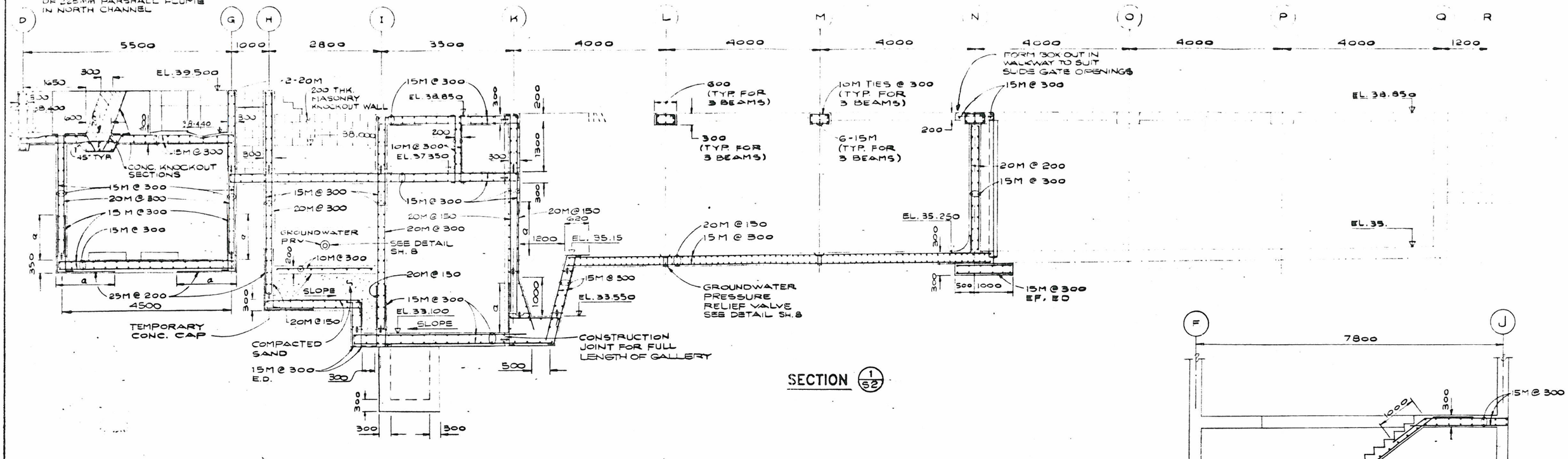
7. **Question:** 300mm Plug Required (pg 26) – We can supply but will require installation by the Prime Contractor for the piping replacement.
   Answer: *Isolation requirements shall be specified in the plan. This RFP is for the plan only.*
8. **Question:** Confirm peak flowrate for design to be based on the 101 gpm?
   Answer: *Yes correct.*
9. **Question:** When is the project expected to be started and approx duration of bypass?
   Answer: *This is to be confirmed. But an estimate is August for construction for 2 weeks.*
10. **Question:** Is an engineer design required or just a high level quote / design for now?
    Answer: *This RFP is for an engineered bypass plan. Proposal to include effort to produce it.*

REGIONAL DISTRICT OF NANAIMO

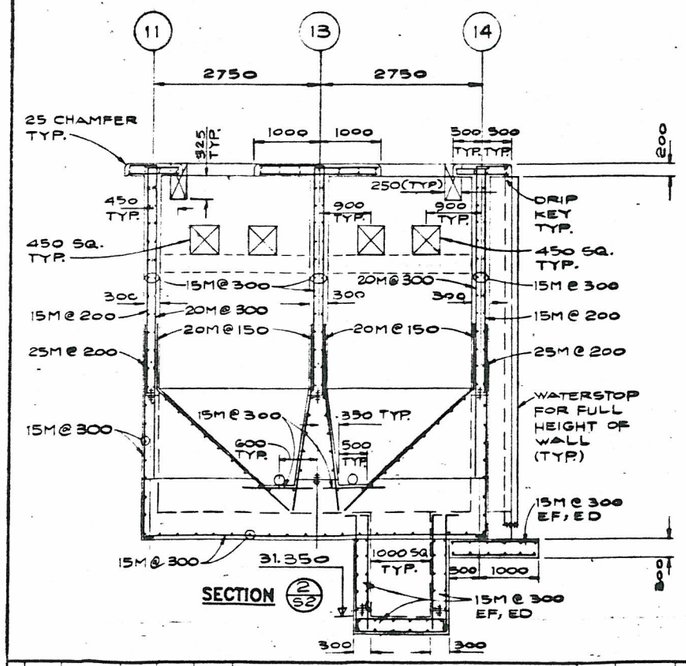
Addendum 1b

Reference drawing

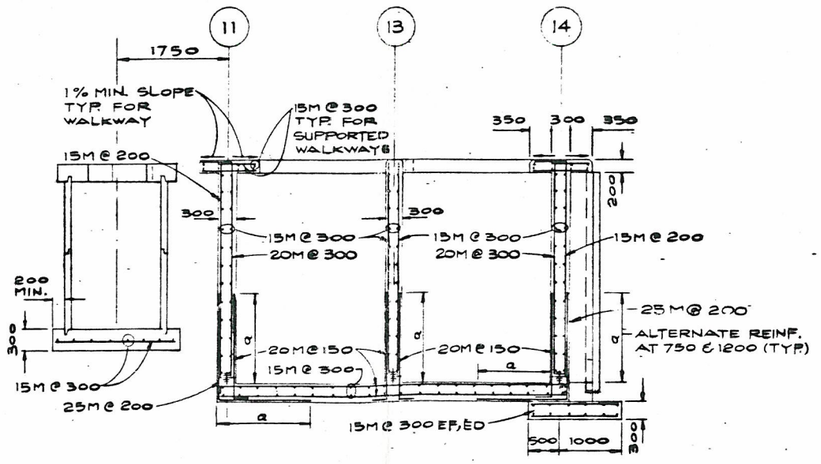
FLOOR OF NORTH CHANNEL TO BE FORMED 25mm LOWER THAN SOUTH CHANNEL TO ENABLE FUTURE INSTALLATION OF 525mm PARSHALL FLUME IN NORTH CHANNEL



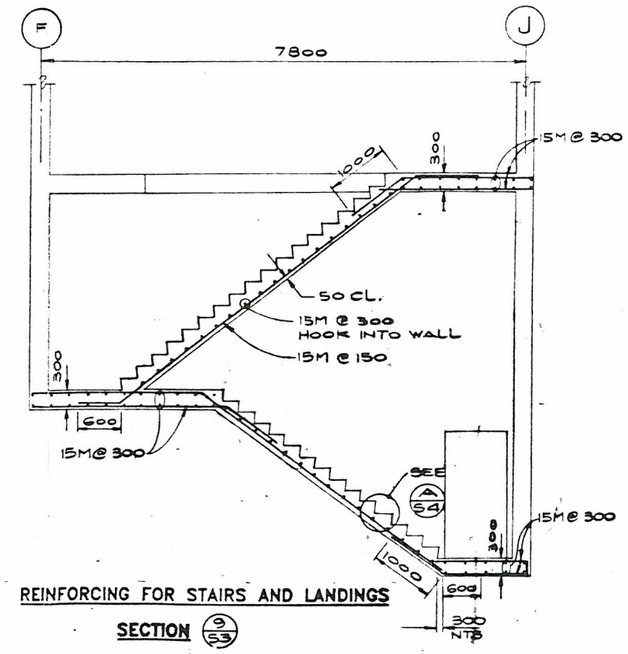
SECTION (1/S2)



SECTION (2/S2)

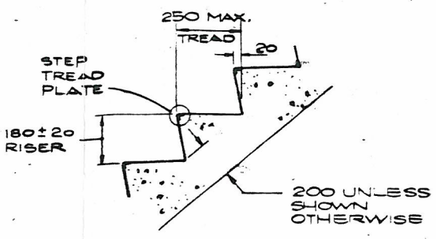


SECTION (3/S2)



REINFORCING FOR STAIRS AND LANDINGS

SECTION (9/S3)



STAIRWAY DETAIL (A/S4)

N.T.S.

REVISIONS	ISSUE	DATE	DRN	CH'D	APP'D	DESCRIPTION
W.O. 112339						

DESIGNED D.S.
DRAWN K.S.
CHECKED BS and BW

DAYTON & KNIGHT LTD.
CONSULTING ENGINEERS
B Weeks 22 July 88

REGIONAL DISTRICT OF NANAIMO
CONSTRUCTION AND COMPLETION
OF THE NANOOSE WATER POLLUTION CONTROL CENTRE -STAGE I
PRIMARY SEDIMENTATION TANK - SECTIONS AND DETAILS

SCALE 1:50 S4
DRAWING No. 122.04.4
SHEET 11 OF 24 ISSUE A
THIS DRAWING REDUCED TO HALF SIZE