Addendum No. 5

City of Coquitlam

RFP No. 25-002

Burke Mountain Athletic Park Construction Services

Issue Date: June 6, 2025

Total Page Count: 23

(Total page count not including Architectural Addendum No. 5 and REVISED Proposal Submission Form REVISON No. 2, See Attachment No. 1 to Addendum No. 2.

This Addendum is issued to Proponents registered as attending the Mandatory Site Meeting on Thursday, May 15, 2025. Proposals will only be received from the companies that are recorded on the City's Mandatory Site Visit Registration Form.

Proponents shall note the following amendments to the RFP documents:

REVISIONS:

R1) REPLACE

Delete **REVISED Proposal Submission Form REVISON No. 1 and replace with REVISED Proposal Submission Form REVISON No. 2, See Attachment No. 1 to Addendum No. 2.**

AMENDMENTS

A1) CORRECTION

The following correction is issued by the Architect to revise their Drawings:

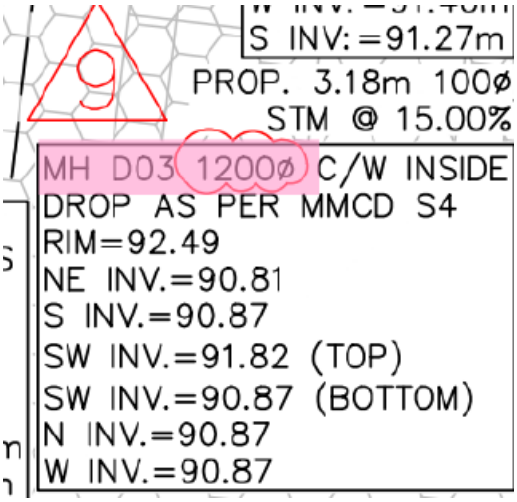
- **Architectural Addendum No. 5**

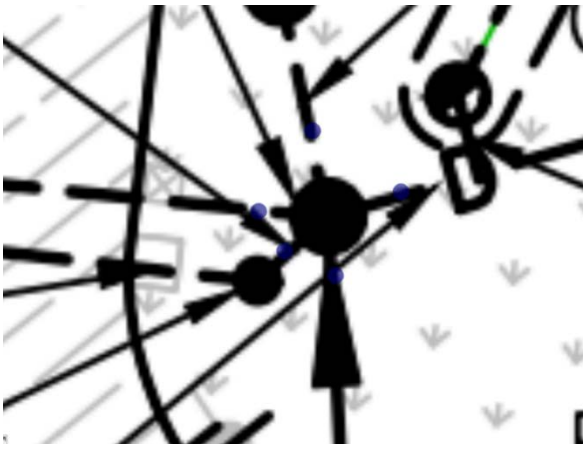
See Attachment No. 2 to this Addendum No. 5.

NOTES:

1. **Architectural Addendum No. 4 has never been issued and was intentionally skipped. The numbering will continue with Architectural Addendum #05.**
2. **Contractors are responsible for reviewing the City's RFP posting site regularly up to the closing date, as updates or additional information may be issued and must be reflected in their submission.**

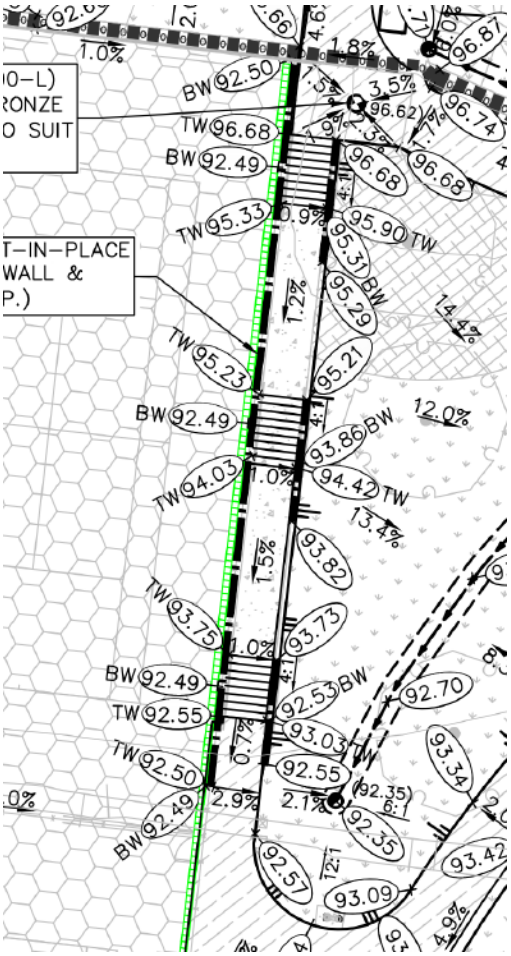
Q1. MH D03 shows 6 different inverts listed on the legend, but the drawing only shows 5. Could you please clarify if the legend is incorrect?





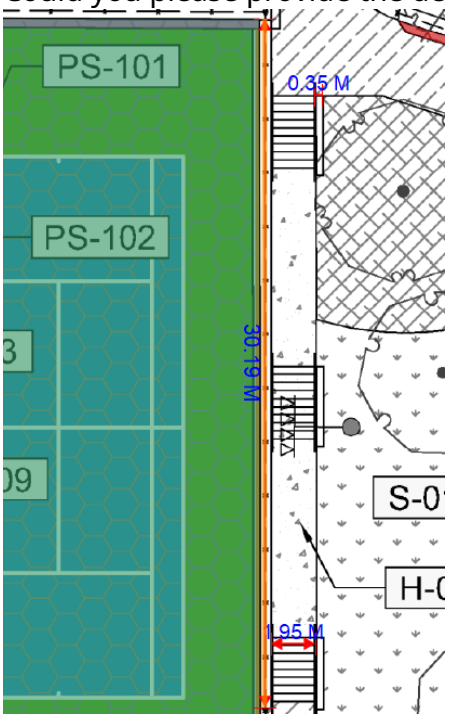
A1. MH D03 is a manhole with an inside drop – see MMCD 54 as referenced in the drawings. The legend and the drawing are correct; there will be two inverts for the southwest pipe at MH D03.

Q2. Could you please provide all the elevations for the concrete adjacent to the tennis court?



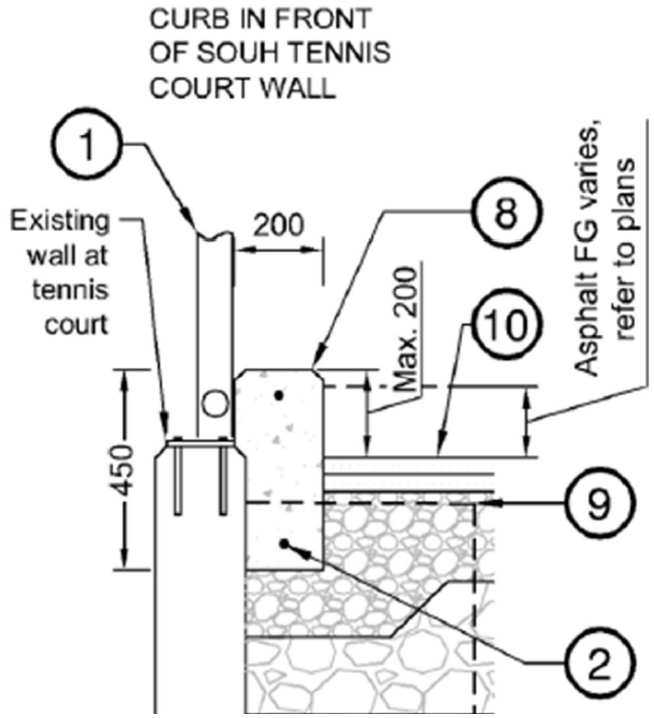
A2. All relevant elevations have been provided. Contractor to confirm if specific elevations are needed.

Q3. Could you please provide the detail for the cheek wall?



A3. See Architectural Addendum No. 4 landscape drawings. Detail 2, LD-02 has been updated to include the cheek wall detail. Note the handrail is not to be attached to the cheek wall.

Q4. What is the purpose of this curb - see Item 8? For ball retainment? If that is the case, shall we need it on west side of the tennis court as well where the existing wall top are at current ground level?



A4. This curb is to support the asphalt which is crowned in the north/south direction in the middle of the tennis court. The existing wall top matches the lowest elevation of the asphalt surface and does not accommodate the crown. This curb is only required on the south side of the court as shown.

Q5. Irrigation legend shows Rain Bird 1806-SAM-PRS heads, but then says 100mm popup spray head. The 1806 is a 150mm popup. Can you please confirm which head to use?

A5. Use the 1806 (150mm popup). Legend is incorrect.

Q6. Irrigation legend shows Rain Bird 1812-SAM-PRS heads, but then says 150mm fixed popup spray head. The 1812 is a 300mm popup. Can you please confirm which head to use?.

A6. Use the 1812 (300mm popup). Legend is incorrect.

Q7. Please confirm if all PVC pipe needs to be CSA approved (CSA stamp) or rather needs to conform to CSA B137.3?

A7. PVC pipes must be CSA approved and conform to CSA B137.3. To be new condition, extruded from virgin, high impact materials, solvent weldable with belled ends, continually and permanently marked showing manufacturer's name, material, size and pressure rating. Acceptable PVC pipe are Class 200 PVC and Schedule 40 PVC. Furthermore:

> .6 All electrical components or products specified or used in the construction of the proposed irrigation system must be CSA-approved and installed in accordance with all local, provincial, and national electrical codes.

Q8. Is the irrigation controller wall mount or pedestal mount? The drawings call out both, and show both details.

A8. Controller is to be wall mounted in the electrical kiosk.

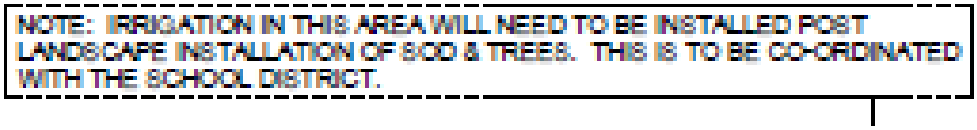
Q9. Please confirm controller location. Irrigation design shows it being towards the NW corner of the artificial turf field. The electrical drawings show it potentially being installed within the electrical kiosk located on the SE corner of the artificial turf field.

A9. Controller is to be wall mounted in the electrical kiosk.

Q10. Please confirm minimum cover requirements for pipe. Drawings show 450mm cover for zone lines, 600mm for mainline, but written specifications show minimum 300mm cover for zone lines, and 450mm for mainline.

A10. Correct, the written specifications require a minimum coverage for the piping. The design requires additional depth and is correct. The ML piping needs to be at 600mm cover for BC Electrical Code, for low voltage bury depth.

Q11. At the very NE end of the project, there is a callout note that this irrigation is to be installed post landscape design. It also appears that the road, curb & gutter, and sidewalks are by other. Who will be installing these sleeve crossings, or will we have the opportunity to install them prior to these hard surfaces being placed?



A11. Sleeving crossing the road and on the east side of the road is to be considered existing / not in contract.

Q12. Would it be possible to have the DWG package compressed and issued? We are having issues with the legibility of the pages once zoomed in to our estimating software due to the amount of layers of information they have.

A12. Drawings are only provided in the original PDF format. Modifying to suit any specific software needs would be the responsibility of the contractor.

Q13. We have a product substitution request for the trench drain and grate. We are requesting:
Manufacturer: BG Graspointer Inc.
Product: BG-FILCONTEN HPC Pro-P100

A13. Proponents are to submit pricing based on the product specified in the drawings. Alternatives may be proposed and included in the designated section of the Proposal. Evaluation of alternate products will be conducted at the City's discretion and only with the successful Proponent.

Q14. The handrail detail specifies no on-site welding or painting. From a practical standpoint, building on-site often helps avoid errors and simplifies installation. Would it be possible to revise this requirement?

A14. Contractor to measure on-site as-builts and fabricate the handrails accordingly. No on-site welding or painting.

Q15. Some fencing details, like the double rail fence, indicate start/stop top rails at each line post. This is not typical and would significantly increase labour and cost. Can this be revised?

A15. No change.

Q16. The 3M fence calls for 102 mm (4”) posts, but standard sizes are usually 3.5” or 4.5”. Could you confirm which size should be used?

A16. No change.

Q17. Gate frames for the 3M fence are specified as 60 mm, which seems excessive and would result in more costly gates. Would 42 mm be acceptable?

A17. No change.

Q18. For the sliding gate, the detail shows 60 mm end/line posts and 48 mm top/bottom rails. Standard builds are typically 42 mm throughout—please confirm if that would be acceptable.

A18. No change.

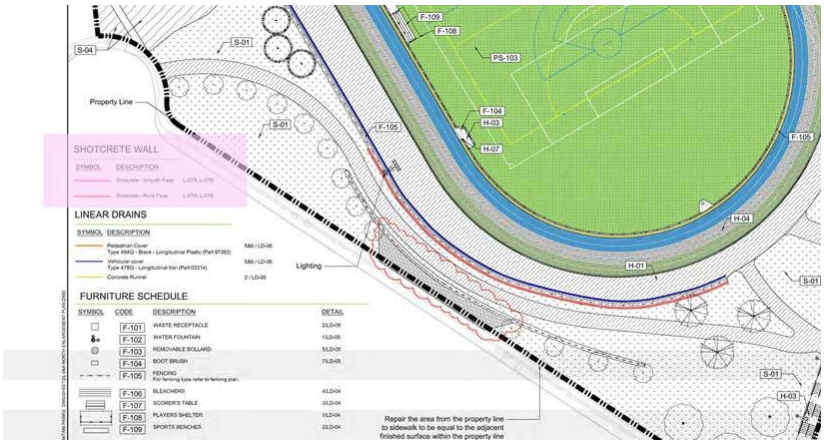
Q19. Finally, the top and bottom rails for the 3M fence are specified at 60 mm, but there's no mention of the mid-rails. Should we assume they are also 60 mm?

A19. All cross bars on 3M high fence are 60mm O.D.

Q20. The handrail detail says there is to be no on site welding or painting. It is simpler and easier to avoid mistakes when able to build on site. Is it possible to have this changed?

A20. Contractor to measure on-site as-builts and fabricate the handrails accordingly. No on-site welding or painting.

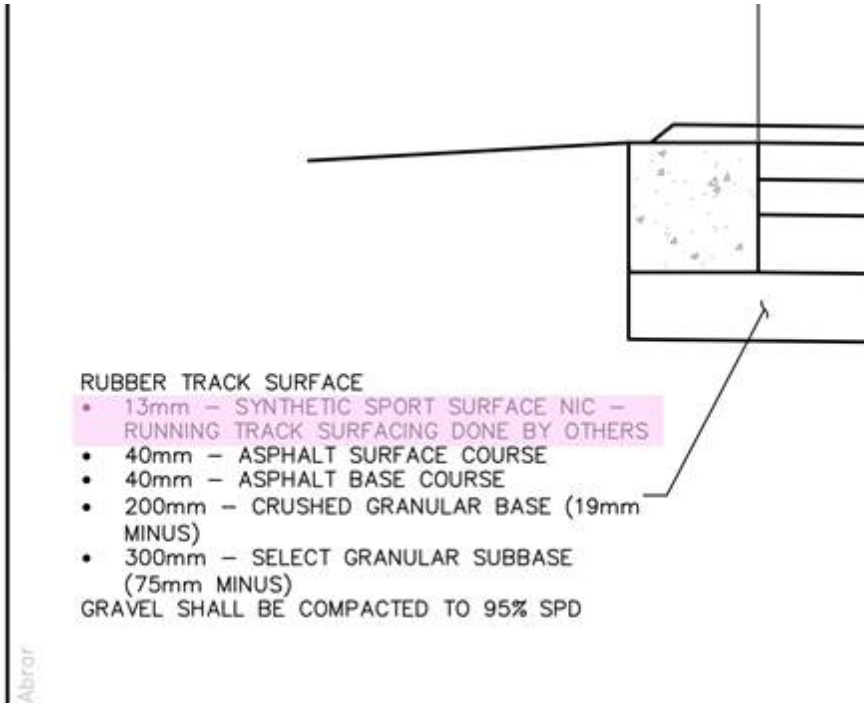
Q21. Could you please confirm whether this wall is actually intended to be covered with shotcrete? The dwg seems to indicate that only the upper wall, as shown in the photo below, is to receive shotcrete. If that is correct, we'd also like to confirm that the shotcrete detail should follow the same specifications as the secant wall detailed in the Geotech report.



A21. The shotcrete cover of this south field lock block wall is included as alternate pricing. See attached landscape elevation 2, on page LS-07B. Rockface finish per page L-07A. See geotechnical detail.

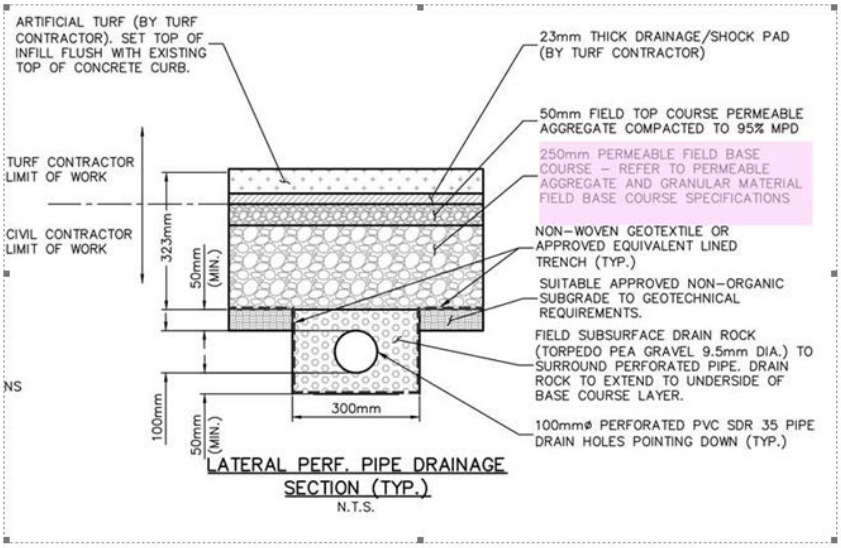
Q22. Pay Item X mentions a rubber surface track, but it's unclear whether this scope is included or provided by others. The detail note indicates "by others". Could you please confirm whether the rubber track surface is part of our scope?

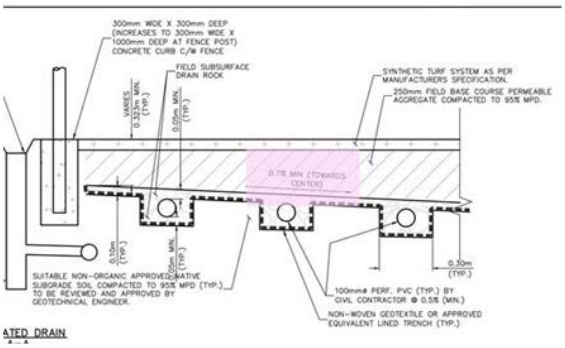
ix.	Synthetic Turf – including supply and installation of base prep, shock pad and infill		$
x.	Rubber Surface Track – including supply and installation of base prep		$
xi.	Sports Court Acrylic Surfacing – including supply and installation of base prep		$

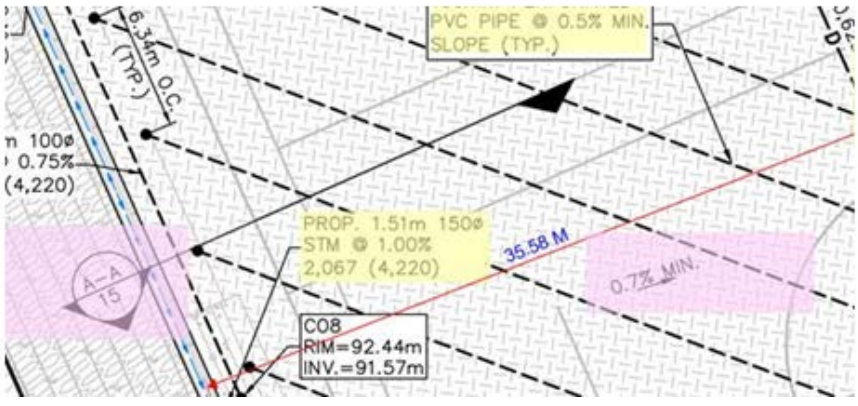


A22. Rubber track is part of the Scope of Work.

Q23. On Sheet 15 of 26, two details conflict—one shows a 250 mm base course, while another shows a sloping subgrade with a thicker base course at the centre. Which detail is correct?



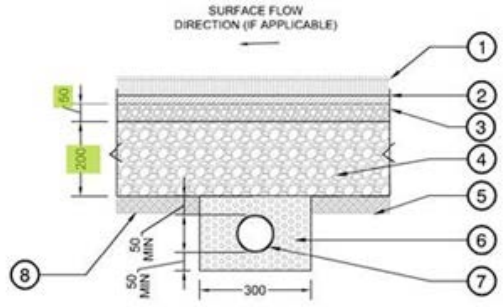




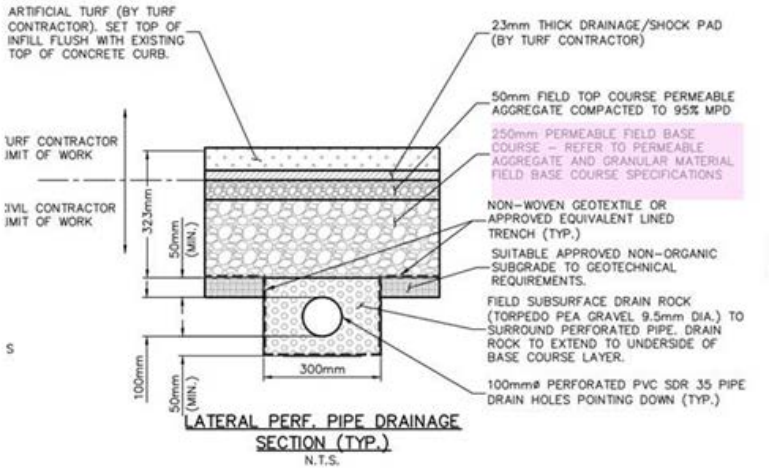
A23. Refer to updated civil drawings from Aplin Martin where this conflict has been resolved issued as part of Architectural Addendum #01.

Q24. Drawing 16 of the Aplin Martin set shows a base course of 250 mm minimum, plus additional depth to account for the slope to centre. However, VDZ drawing LD-06 shows a 200 mm base course. Which one should we follow?

VDZ+A
LANDSCAPE ARCHITECTURE | CIVIL ENGINEERING | URBAN FORESTRY
FORT LANGLEY STUDIO | MOUNT PLEASANT STUDIO
100-9181 Church St | 102-355 Kingsway
Fort Langley, BC | Vancouver, BC
V1M 2R8 | V5T 3J7
www.vdz.ca 604-882-0024



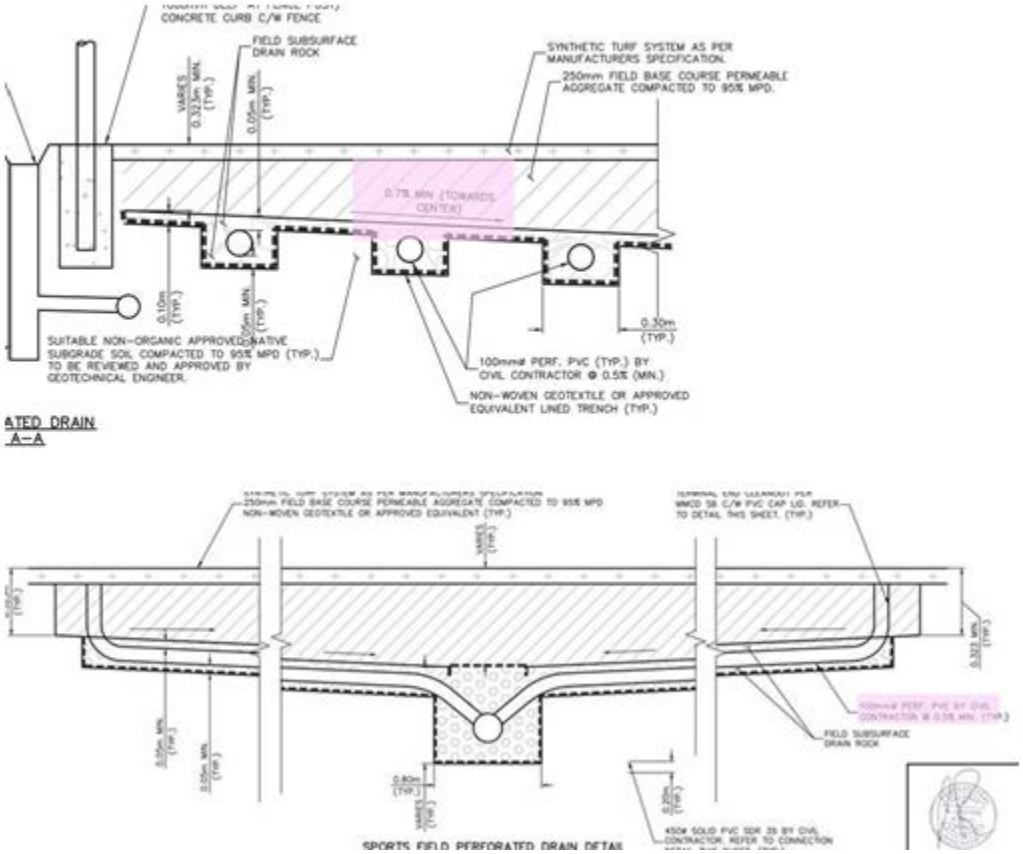
1. Artificial turf (by turf Contractor). Set top of infill flush with existing top of concrete curb. Proposed artificial turf (thickness to be confirmed after award of turf contract.
2. 23mm thick drainage/shock pad (by turf Contractor)
3. 50mm field top course permeable aggregate compacted to 95% MPD.
4. 200mm Permeable field base course - Refer to Permeable Aggregate and Granular Material Field Base Course Specifications.
5. Non-woven geotextile to be placed on subgrade and around pea gravel surrounding the perforated lateral pipes
6. Field subsurface drain rock (Torpedo pea gravel 9.5mm dia.) to surround perforated pipe. Drain rock to extend to underside of base course layer.
7. 100mm DIA perforated PVC pipe. SDR 35 drain hole pointing down (TYP.) Sloped as per drawings.
8. Suitable approved non-organic subgrade to geotechnical requirements.



A24. Refer to the update civil drawings issued as part of Architectural Addendum #01 from Aplin Martin where this conflict has been resolved. Specifications note 250mm of clear field base gravels: 50mm field top course permeable aggregate, and 200mm field base course permeable aggregate. This is a minimum standard that may need to be exceeded meet grading requirements. Where this depth

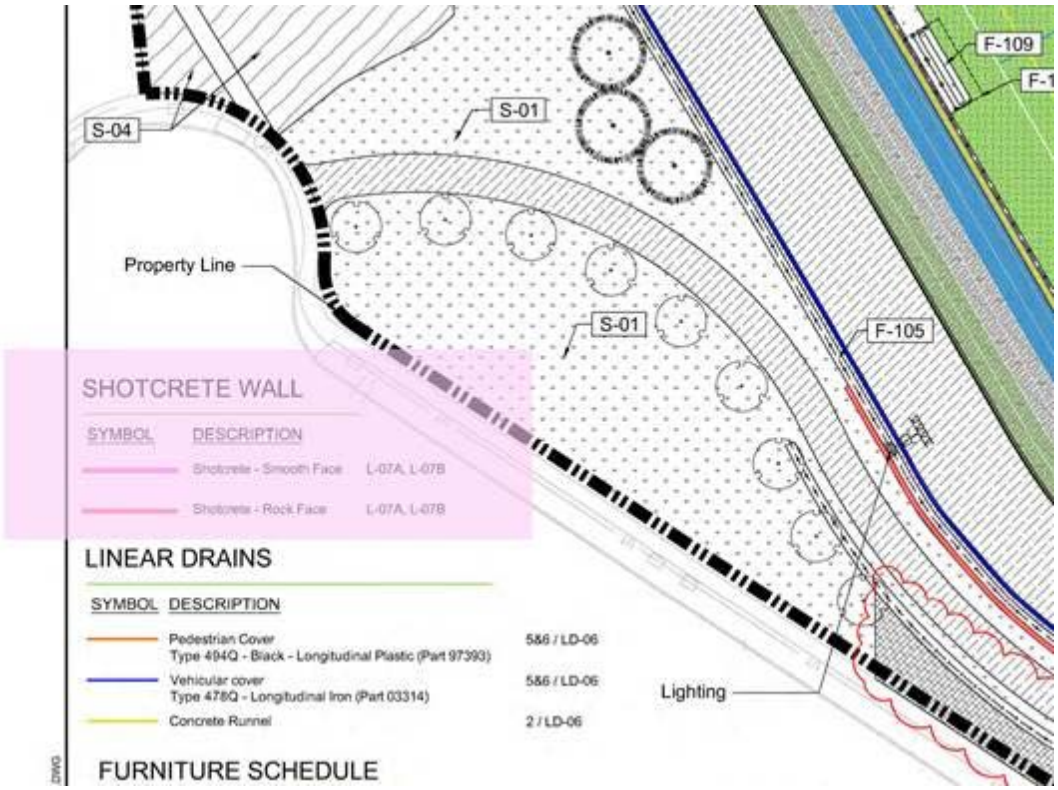
needs to be exceeded, the field base course permeable aggregate may be increased from 200mm thickness as required.

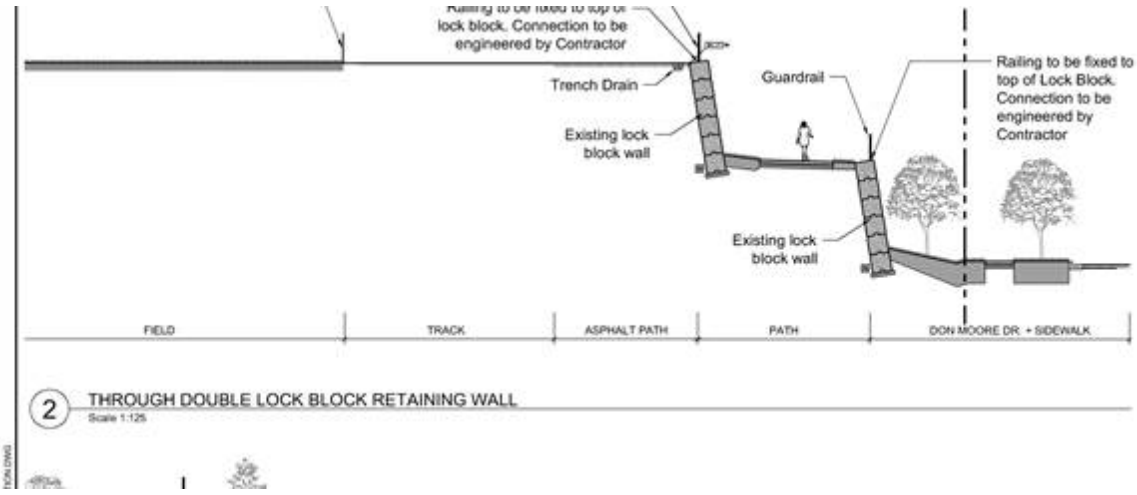
Q25. On drawing 15 of 26, two different slopes to the centre are shown for the subgrade under the field--- one detail shows 0.7% and the other 0.5%. Which one is correct?



A25. 0.7% refers to the <u>minimum</u> subgrade slope towards the centre of the field while 0.5% refers to the <u>minimum</u> slope of the perforated drainage pipe under the field. The Contractor is to ensure these minimum slopes along with any minimum cover requirements specified in our drawings are met, and that the perforated drainage pipe does not protrude into the subgrade.

Q26. Q30 On Plan L-04B, a shotcrete wall is shown in this location. However, Section 2 on LS-03 below indicates a lock block wall instead. Could you please clarify which one is correct?





A26. See updated landscape Section 2, LS-03 showing shotcrete facing as an alternate price. Elevation 2, L-07B also updated to note alternative pricing for shotcrete.

Q27. Addendum#2 indicate unit price 17 is removed, but it is still on the form

Q8. In Proposal Submission Form Unit price item #17 HDPE Perforated Pipe, this is very difficult to price, we need size for this pipe and where it supposes to be installed, cost can vary.

A8. See R1 above, this has been removed from REVISED Proposal Submission Form REVISON No 2.

City of Coquitlam
RFP No. 25-002 – Burke Mountain Athletic Park Construction Services
REVISED Proposal Submission Form REVISION NO 2

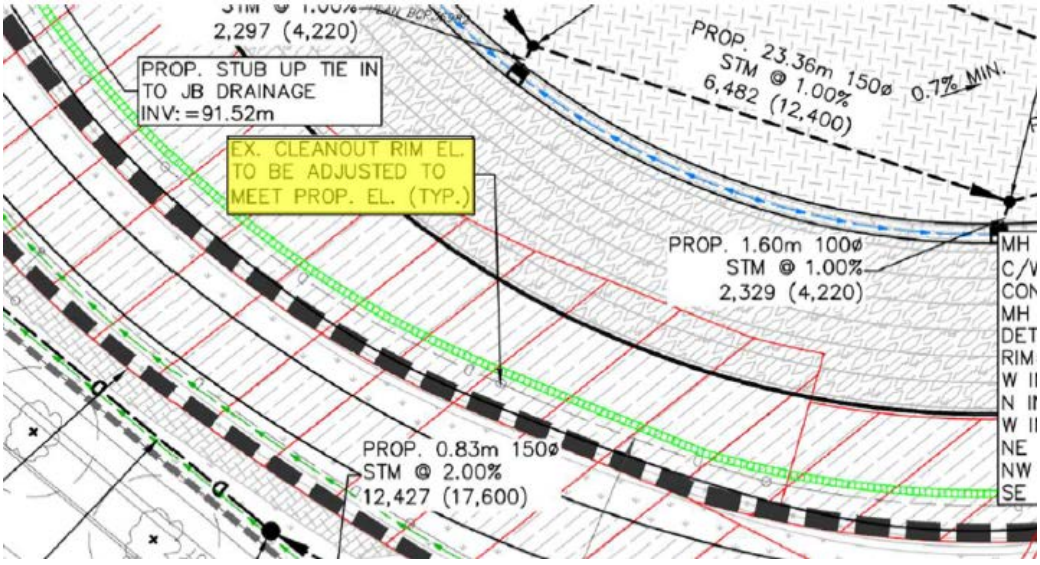
13	RAINBIRD ROOT WATERING SYSTEM: RWS-B-C-1402 W/SOCK	EACH	$	$
14	ASPHALT 'VEHICLE' RATED 75MM	M2	$	$
15	CONCRETE 'PEDESTRIAN' RATED 125MM	M2	$	$
16	LAWN BASIN AS PER MMCD STD. DWG S12	PER	$	$
17	HDPE PERFORATED PIPE	LM	$	$
18	TRENCH DRAIN – KS100 (WITHOUT GRATE)	LM	$	$
19	TRENCH DRAIN – ACO SPORT 4000 (WITHOUT	LM	$	$

A27. See R1 above.

Q28. Is it possible to get one week extension, after addendum 2 revision, lots of adjustment to make on the storm and drainage, thanks,

A28. Addendum #4 extends the deadline for issuing addenda to Friday, June 6, 2025, and extends the submission deadline to Friday, June 13, 2025 at 2:00pm local time.

Q29. Are all these existing cleanouts to be adjusted (9 each) or only one?

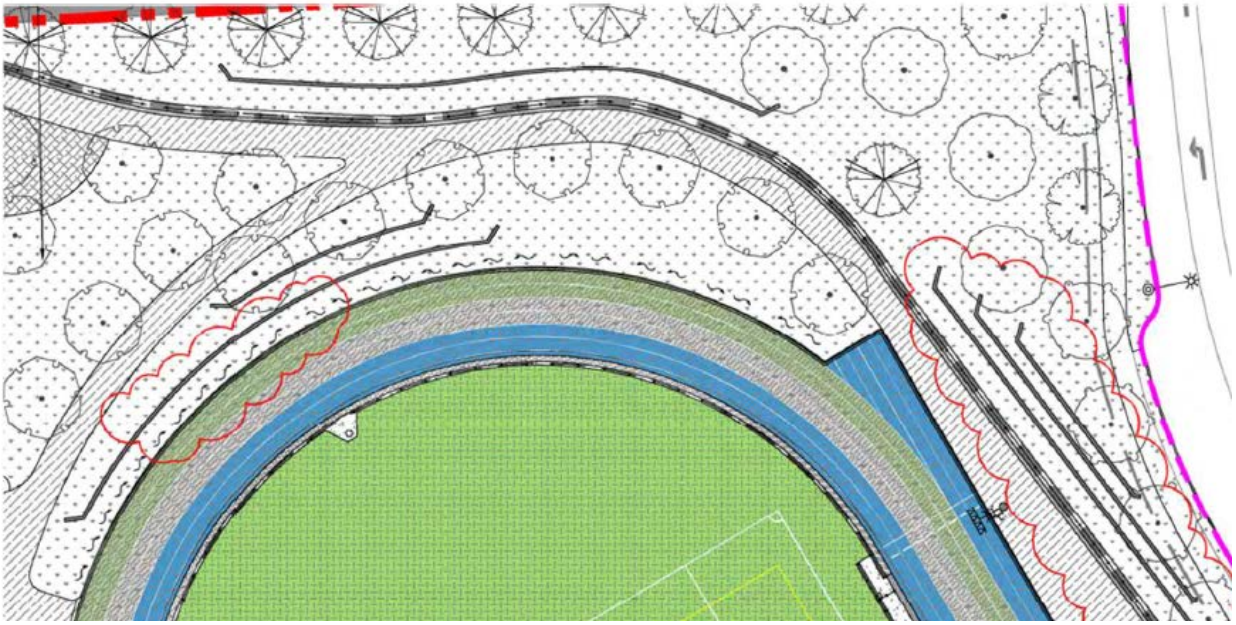


A29. The highlighted callout is typical for all existing cleanouts. All existing cleanouts are to be adjusted to meet proposed surface elevation.

Q30. I don't see these have been removed, wall returns are still on the drawing, please

Q6. Some of the Allan Block walls appear to show returns along them. are you able to provide more detail or a section showing what these are and how they are meant to look?

A6. These have been removed in Architectural Addendum #02.



A30. Mid-wall tie-backs that were on the original RFP set at each location where the wall stepped down have been removed – changes made in Architectural Addendum #02. The larger walls do tie back into the slopes on the ends as shown on plans.

Q31. Could you please provide the volume of native topsoil previously stockpiled for spreading.

b. ADD: add new subsection .1:

1. Payment for all Work performed in this section to include the necessary equipment and labour for topsoil stripping, stockpiling, rough site grading including cut and fill excavation, excavation and offsite disposal of unsuitable materials as determined by the City Representative/Consultant, and placement and spreading of native topsoil previously stockpiled and new fill materials.

A31. It is the Contractor's responsibility to evaluate and account for the volume of earthworks required, taking into consideration the existing site conditions, all relevant information provided in the RFP documents, and any measurements obtained during the site visit. All associated costs must be included in Proposal.

Q32. How is the new layer of shotcrete to be attached to the previous layer (ie. New dowels into the existing shotcrete, using existing dowels previously placed in the shotcrete, etc)? Will there be special requirements at the H Pile locations?

A32. The shotcrete was shown to have a structural thickness plus a non-structural textural thickness. These thicknesses were shown in order to define the geometry for purposes of reinforcement arrangement and placement. All of the shotcrete is to be installed monolithically. The Contractor is responsible for ensuring the full thickness of all shotcrete is bonded together monolithically if their installation methodology involves shooting in multiple layers in a sequential fashion; no cold joints will be permitted in between the layers or thicknesses.

Q33. What are the reinforcing requirements for the new shotcrete layer?

A33. All reinforcing requirements for the structural thickness of the shotcrete are already shown on the drawings.

Q34. Shared Site Access with Yellow-ridge the contractor building the school – Who is to coordinate access etc.

A34. The Contractor to coordinate the shared site access with Yellowridge Construction.

Q35. Is contractor responsible for the spill off from the Yellow-ridge site. They only have a small pond and no tanks or sediment control currently.

A35. Yellowridge will be responsible for maintaining any storm runoff generated within their project boundary including the Road A corridor up to the curb line on the south side of the Road A, adjacent to the park.

Q36. Who is responsible for the Don Moore Drive remediation at the end of the job? Mentioned in the meeting this could be an optional item.

A36. The Contractor shall be responsible for restoring any surfaces and existing buried infrastructure disturbed as a result of the proposed works under this project to its original condition or better.

Q37. Is there more detail on the geogrid placement at the loc blocks. Mention that contractor is responsible for replacing if damaged but little details on placing extent?

A37. Where full height lock-blocks are present at the top of the wall, as on the upper tier lock-block wall, the geogrid is located at a depth of 0.75m below grade. Where half height lock-blocks are present at the top of the wall, as soon portions of the lower tier lock-block wall, the geogrid is located at a depth of 0.375m below grade.

Q38. Is the Shotcrete on the North side by the piles that can not be removed reduced to make accommodate for the precarious shoring?

A38. Assume all the shotcrete is to be placed as designed. If the Contractor believes that the excavation sloping for the excavation to construct the tennis court stairs can be made safer by minor adjustments to the shotcrete, they should discuss that with the geotechnical engineer after contract award.

Q39. Thurber Engineering Drawing 2774-00-S-503 indicated shotcrete finish reference page L-05B. No page exists, are we to assume page L-07B?

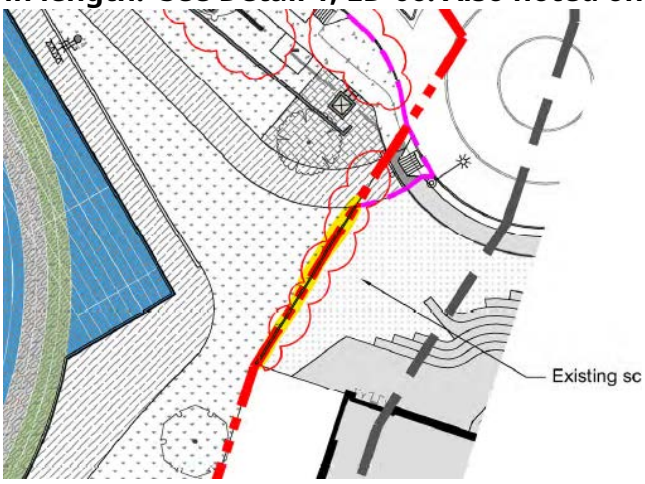
A39. Shotcrete finish notes see Architectural Addendum #05 on page L-07A.

Q40. Please confirm South curved Lock block wall on page L-04B is to have shotcrete rock wall as indicated. Page L-07A Does not indicate shotcrete rock wall at this location.

A40. See updated Architectural Addendum #05, drawing L-07A. Shotcrete wall is included as optional pricing.

Q41. This is the Q/A in addendum #2, on Architectural addendum drawing, it has no lead out describe what type of curb, refer to which detail drawing, cost can be quite different, please provide detail drawing show how it should be done.

A41. In Addendum #2, the concrete curb is shown along the property line, about 20m in length. See Detail 1, LD-06. Also noted on L-04B.



Q42. I see on page L-04a for the logs on slope there are about 14 logs in this pattern, details pages don't show this many and I would like to confirm this is how many are needed in this pattern.

A42. Detail shows slopes and log installation method. Plan shows extent of log coverage. Install logs on plan as per log installation in detail - Detail 4, LD-02.

Q43. Please confirm if the previous contractor removed the secant guidewall. If not, please provide details and extent if it is to be included in this tender.

A43. Confirmed that the secant pile guidewall has been removed.

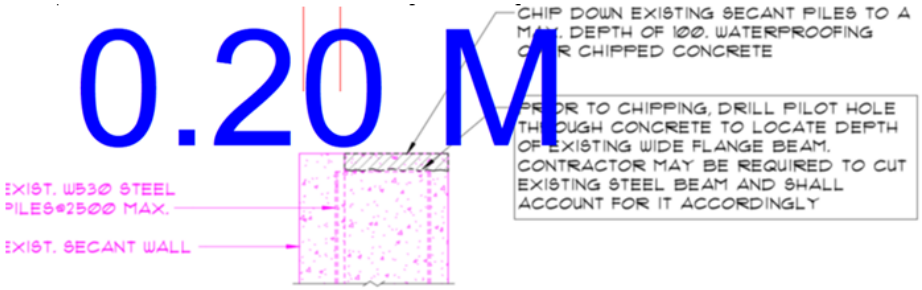
Q44. Thurber drawings show nelson studs, has this been completed already by the previous contractor? Or is this to be included in this tender? Can you please provide an elevation of the layout and confirm if they are to be installed on all piles?

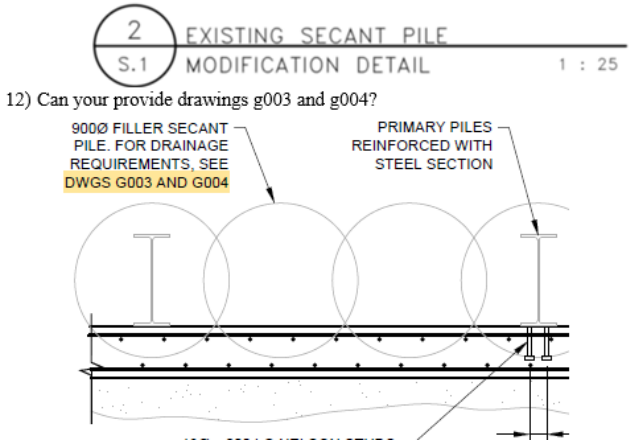
A44. No, Nelson studs have been installed on the parks site. The installation of the Nelson studs are part of the RFP. Nelson studs are to be installed on every steel beam as stated on the drawings. Details of Nelson studs are available, labelled on the detail and on Note 1 on that drawing.

Q45. Thurber drawings show shotcrete facing on the existing lock block walls, bid form shows this as an optional price. Landscape drawings show elevations for shotcrete on the secant wall but not the lock block wall. Please confirm if shotcrete and lock block wall cap are to be included in base bid or as an adder optional price. Either way, we are going to need elevations for the lock block wall.

A45. See shotcrete elevation of lock block wall elevation 2, L-07B. Shotcrete costing to include detail 4, LD-08 from Architectural Addendum #0.3, and associated update notes in this addendum.

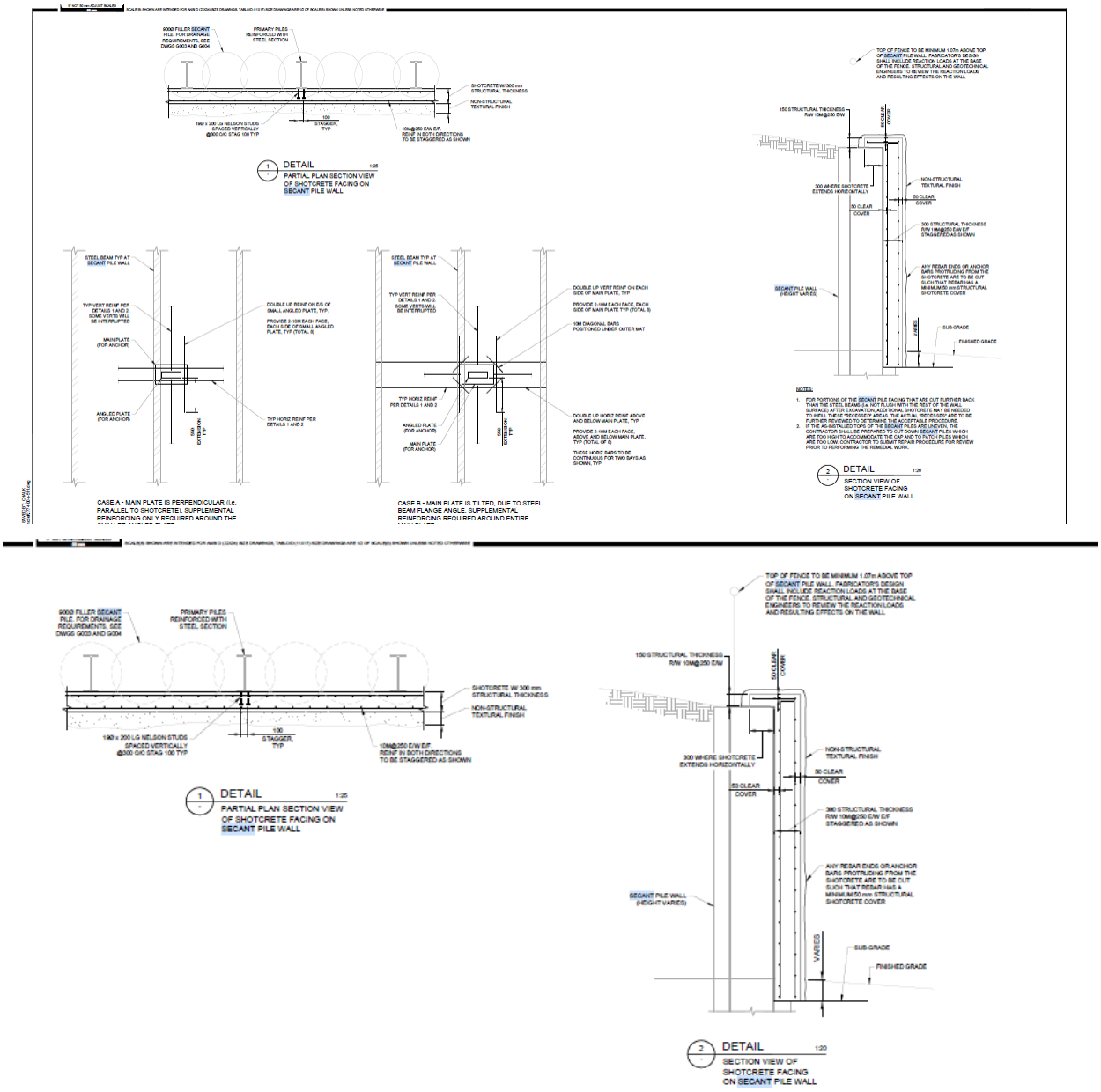
Q46. This detail shows the steel is still inside the pile? Has the pile not been shaved down to the steel beam? What type of waterproofing is this? Should we account for all steel beams to be cut?





A46. Include provisions for cutting the concrete and steel beam as required. Drawings G003 and G004 pertain only to the previous scope of work. For drainage requirements, refer to drawings 35998-G02 in Thurber's March 2025 memo.

Q47. There are two secant wall details in the project manual. One shows the anchor rebar, the other does not. We want to make sure everyone knows about the rebar at the anchors.



A47. The structural drawings pertaining to the shotcrete show anchors and rebar at select locations.

Q48. There is No wall at this area on Architectural drawing, but there are on Landscape and grading detail, in grading detail indicates Cast in place retaining wall

A48. See A1 above showing this retaining wall to match civil & landscape.

Q49. This is the Q/A in addendum #2, regarding 45 holes for the existing wall, read the description is difficult to come up with a cost, please provide drawings , sections to show how is done and how much material to be involved, for tie ins to the piping system, we need to have a location so we can find out how the pipes and tees required.

Q12. On School District Memo, page 4 of 8, indicate portions of secant walls need permanent drainage, are these been completed or need to include cost for it? If it is later, could you please point out the location of walls and the extent need this work,

7. **SECANT PILE WALL CONSIDERATIONS**

7.1 **Permanent Drainage and Shotcrete**

Additional drainage is needed for portions of walls without anchors, and where no weep holes are present within 1.5 m of existing grade. At these locations an additional 75 mm diameter weep hole is to be drilled at a height of 0.5 m above existing grade.

To establish permanent drainage, a minimum 1 m wide drainage mat should be placed over the drain holes in the secant walls. The drainage mat should extend from the top drainage hole to a minimum depth of 150 mm below final grade and extend laterally out from the wall by 600 mm. They should be hydraulically connected by permeable fill or PVC pipe to the drainage shown on the civil drainage plan. The below grade portion of the drainage mat should be fully covered with

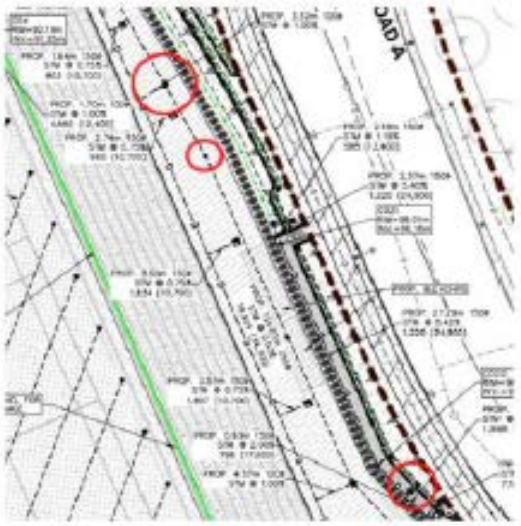
A12. Yes, the Contractor must include this Work in their price. An estimated total of 45 holes will need to be drilled. All the (new and existing) holes will need to be

covered with drainage board. There is one vertical row of drainage holes in the filler secant piles located between each pair of steel reinforced secant piles. The Contractor should determine the amount of drainage board based on the drawings provided, and if necessary, a review of field conditions.

A49. No additional pipes, tie in, etc. are needed. The drainage board should be installed as described to extend a minimum of 150mm below grade and then out from the secant wall by 0.6m. The water will drain into the subgrade, and then be picked up some distance away by drains already specified on the civil drawings.

Q50. The revised drawing still have missing Invert and elevation for Manholes, could you please provide more enlarged drawings with details, especially areas adjacent to road A.

Q16. Can you clarify what the below civil markers are? If they are MH's, please provide rim and invert elevations.



A16. These are manhole and cleanouts. The rim and invert elevations are included in Architectural Addendum #01 – sheet 20 of 26 of civil drawings.

A50. Refer to the drawings issued by Aplin Martin as part of Architectural Addendum #01.

Q51. The ESC plans show silt fences, coir mat surfaces, and straw mulch in areas that currently have a gravel cap. Could you please confirm if these measures are still required, considering that:

- The surface is already protected with gravel, and
- These areas will soon be under construction, with grading and storm infrastructure being installed?

A51. The proposed measures are minimum measures required to protect the site from erosion. Contractor to modify existing conditions as needed to suit the construction schedule and maintain current soil cover combined with proposed measures as needed to meet federal, provincial, and municipal regulations.

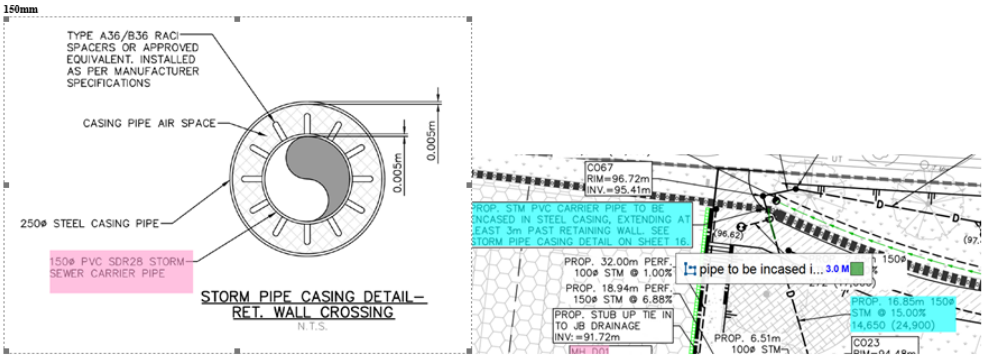
Q52. The ESC drawings also indicate multiple pump locations, although the site already drains toward the central ditch and the existing pond. Could you please confirm if these pumps are still required?

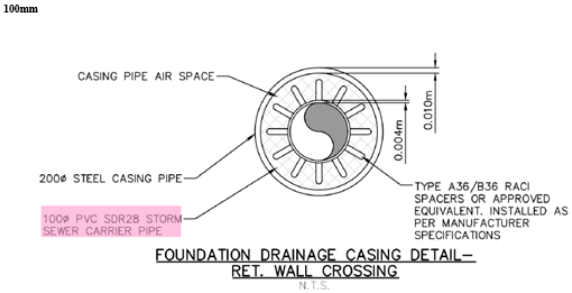
A52. As per ESC design drawings issued as part of Architectural Addendum #01, the proposed sump pumps are intended for use at low points during construction, as required, to ensure that any accumulated stormwater is safely conveyed to the treatment system prior to discharge into the municipal stormwater system. Note that the sump pumps shown are provided for reference only. It is the contractor's responsibility to appropriately size the pumps and determine the

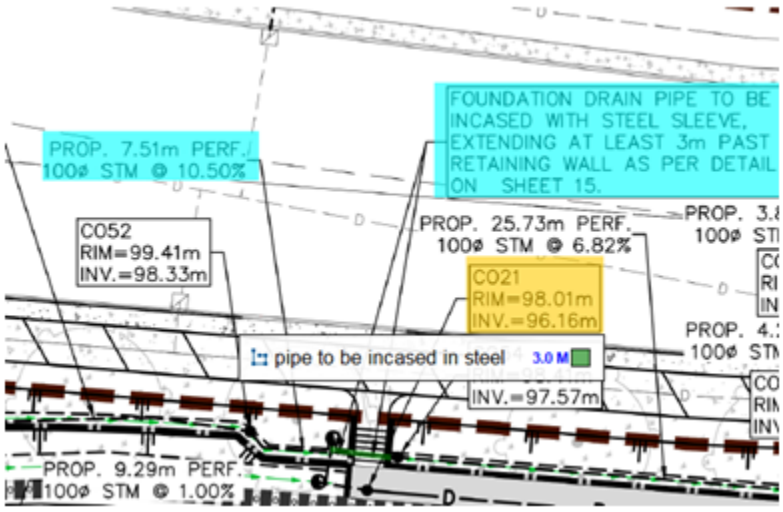
required number and placement across the site, in accordance with the selected construction methodology.

Q53. Could you please confirm if the following spacer layout for the steel casing is acceptable?

- HDPE or non-metallic spacers?
- Spacers every 1.5 metres (5 ft) for horizontal runs
- Minimum of 3 spacers per run, regardless of length
- One spacer near each end of the casing (10–12" inside each end)







A53. All spacers are to be HDPE. Intallation configuration of spacers to be reviewed in conjunction with shop drawing approval during construction. Bid according

to the product specified on our drawings. Alternates can be included as part of the appropriate section in the bid response. Review of alternate product(s) or design implementations will be undertaken with the successful Proponent.

End of Addendum No. 5

Proponents take into account the content of this Addendum in the preparation and submission of the Proposal which will form part of the Contract and should be acknowledged on the Proposal Submission Form.

Upon submitting a Proposal, Proponents are deemed to have received all addenda that are issued and posted on the City's website and considered the information for inclusion in the Proposal submission.

Issued by:

Chris Overes
Senior Procurement Specialist
bid@coquitlam.ca