

Environmental Preview Report  
Botwood Flower's Hill Quarry  
Registration #: 2287

Jody Hemeon  
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Environment Assessment File #: 200.20.3390

Quarry Application #: 7111 3217

Attention: Minister of Environment and Climate Change

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# **Registration of Undertaking, C & H Construction**

## **1. NAME OF UNDERTAKING:**

**Botwood Flower's Hill Quarry**

## **2. PROPONENT:**

- a)** C & H Construction, 33 Adams Avenue Botwood, NL A0H 1E0
- b)** Chief Executive Officer: **Jody Hemeon, Owner Operator**, 33 Adams Avenue Botwood NL A0H 1E0
- c)** Principal Contact Person: **Jody Hemeon, Owner Operator**, 33 Adams Avenue Botwood NL A0H 1E0

## **3. THE UNDERTAKING:**

### **a) Nature of the Project:**

Jody Hemeon Quarry – 7111 3217, Flowers Hill, Botwood, development of a 2 Hectare sand and gravel Quarry. The location of this quarry is in Central Newfoundland, Flowers Hill Botwood, NL.

### **b) Purpose/Need of Undertaking:**

Quarry contents of sand and gravel will be required for purpose of establishing, developing and maintaining construction business within the Botwood and surrounding areas. Providing sand and gravel to customers as needed in the area for various construction projects and development as they arise.

## **4. DESCRIPTION OF THE UNDERTAKING:**

**C&H Construction will develop Botwood Flower's Hill Quarry for the sole purpose of extracting quarry contents of sand and gravel. Playing close attention to the environmental impacts of the area the project will consciously adhere to all aspects of the environmental regulations and guidelines to alleviate any potential negative impact of the area.**

#### **4.1 Geographical Location:**

##### **a.) Description:**

Flowers Hill, Botwood NL, see attached Topographical Map. Connecting to Route 350 along the Botwood highway, with a land cover of mainly trees, alders and shrubs. This project will require no buildings or other large structures to be constructed within the site. Primary feature will be the extraction of the quarry contents for use off quarry site. 2 Hectares: N 49 6' 37.27" W55 23' 18.33"/30' AGL/144.8294' AMSL – Radius 411' (Artist drawing/visual rendering/aerial imagery attached)

This quarry will connect along Route 350, along the Botwood Highway. A land cover of mainly trees, alders and shrubs. No physical and or biological environments within the area that would potentially be affected by this project.

No pipelines and No transmission lines currently exist on this quarry. No marine impact as the quarry is not in close proximity to marine life.

##### **b.) Access Route:**

The access route for this project will use existing roads to access the quarry and will cross the waterline easement for the Town of Botwood. In consultation with the Town of Botwood a bridge will need to be constructed to ensure no impact of the existing waterline easement with the vehicular traffic in the area.

##### **c.) Site Boundary:**

Within the boundaries listed above, co-ordinates: (N 49 6' 37.27" W55 23' 18.33"/30' AGL/144.8294' AMSL – Radius 411' ), it has been determined, in consultation with the Town of Botwood, that in order to ensure integrity of the waterline easement a buffer zone within the quarry will need to be established. (Crown Lands lease 158455)

This boundary consists of a 50 Metre buffer zone (undisturbed) maintained along all wetlands and waterbodies as well as a 100 Metre buffer along the northern boundary which will protect the main waterline easement.

##### **d.) General Topography:** within this area there will be a slope placed on the land within the quarry towards the river. A 45 degree slope is anticipated.

##### **e.) Water Courses and Wetlands:** Land use Atlas map attached.

Closest body of water to Botwood Flower's Hill quarry is a small river, Peter's River, approximately 113 Meters from the closest edge of the quarry and approximately 35 meters from the closest point of the access road.

**f.) Ownership/Zoning of Land**

Land use map attached to demonstrate land use surrounding proposed quarry on a larger scale.

North of the proposed quarry is a trail which is managed by the town of Botwood, this trail is used mainly by town employees to access water supply for the town. No issues from the perspective of the proposed quarry.

Existing quarry to the North of proposed quarry site is approximately 350 Meters with no overlap.

West of the quarry is a transmission line corridor which is approximately 350 meters from boundary of proposed quarry site. No issues or overlap with this site.

Wind Energy Reserve in the area of the quarry, as demonstrated on attached Land Use Atlas Map. The quarry location is outside the Wind Energy Reserve and is not impacted.

This quarry exists outside residential area. Often times recreational activities may exist in the area, dirt bike riding, hiking and hunting. The access to the area can be controlled by use of gate, signs and barriers to mitigate access.

**4.2 Construction:**

**a.) Timelines:**

Upon approval of quarry application construction will begin immediately.

Approximately 1 week to construct bridge for waterline easement protection.

Approximately 1 week to construct road from existing access road to proposed quarry in order to access the proposed area.

Approximately 2-3 weeks to clear the area of trees, shrubs etc that are present within the proposed area.

Approximately 1-2 weeks to prepare buffer zones as proposed by Town of Botwood.

Approximately 1-2 weeks to prepare quarry for extraction of contents.

Following above proposed activities, construction may begin based on requests from potential customers.

**b.) Materials/Methods/Location:**

No physical construction of buildings or other construction related activities planned at this point. Main point of quarry is to remove contents as needed by potential customers. Quarry will need some clearing and grubbing as well as some development and organization in preparation for removal of contents.

There are no expected run offs or erosion episodes during grubbing of the quarry during the land clearing phase. Drainage ditches can be constructed along the barriers of the construction area to mitigate this risk. If the unexpected should occur measures such as sand barriers, drainage ditches, etc can be readily available to prevent drainage into vegetated areas.

Some grubbing of trees, alders and shrubs will be required upon use of quarry which will be remediated from the site and placed at local Waste Management Facilities for disposal. All materials gathered while grubbing the area (soil, organics, trees, shrubs etc) will also be remediated and disposed of at the local Waste Management Site.

**Site Access:** The access will be via a road that currently exists and will need some minor upgrades (levelling, additional gravel, removal of some gravel mounds that currently block the road access). A new road that will access the quarry from the existing access road will need to be constructed. This road will be approximately 150 Meters in length in order to access the site.

Construction equipment needed to complete road access and the grubbing of some areas are front end loaders, excavators and dump trucks. These will have potential for diesel emissions while in operation and potential for liquid effluents leakage and air emissions, noise, and hydrocarbon release from heavy equipment which will be constantly monitored.

The existence of these potential pollutions will be continuously monitored and measures will exist to limit the impact to the area.

Such measures will include the following:

- Ensuring proper maintenance of equipment (mufflers, filters, etc)
- Emission control mechanisms as required.
- Quarry exists outside of residential areas reducing the risk of noise emission.
- Operations will not continue into the night hours to reduce the noise risk to area and wildlife existence.

- During summer months or any other dry season, the use of water may be required to reduce dust emissions in the quarry and roads.
- No sewage facilities located in this site
- No storage of hazardous materials onsite

#### **4.3 Operation and Maintenance:**

Project will commence upon approval of process outlined within and release of Botwood Flower's Hill Quarry to C & H Construction. Potential first period of operation to begin upon approval. Construction season demand will determine usage and potential impacts on area. Regular quarry operation will commence upon approval. The forecasted operation includes excavation and removal of sand and gravel from quarry using excavation and removal of materials from quarry via dump truck. Operation will continue annually from spring to fall each year upon demands of construction industry.

The operation of heavy equipment within the quarry has an increased risk of diesel fuel, oils and fluids. This risk will be mitigated by ensuring no storage of these fluids on site, emergency spill kits on site at all times as well as familiarization in using these kits in response to a spill. Any repairs, service requirements etc will be done at an appropriate business offsite.

Equipment that will be onsite within quarry during operation are as follows:

- Front-end loader
- Excavator
- Dump truck
- Gravel/sand screening equipment

##### **a.) Operations:**

Some screening of contents will occur within the quarry based on need and quality of quarry contents.

No drilling, blasting, crushing or washing will occur within the quarry.

##### **b.) Planned Processing:**

There is no planned processing of materials such as batch plants or similar required at this time. Main operating purpose of this quarry is removal of

contents for back fill or land, road development, levelling etc. which requires simple removal and transport to construction site or screening then transport to construction site.

**c.) Annual Production:**

Annual usage and production will be based on projects within the area and the season will run from March to November of each year which is a typical construction season based on weather patterns and availability of work. Quarry contents will be extracted based on requests from clients.

**d.) Development:**

C & H Construction plans to merely provide quarry contents to potential customers based on their required needs. Activities such as back filling of land, driveway gravel, levelling of land, and basic land development will be the main purpose for quarry contents.

**e.) Longevity:**

Quarry longevity will be 15 plus years dependant upon usage and requests from clients. Could extend to 20 years if requests are low at the onset of construction.

**f.) Vehicles:**

Construction equipment such as loaders, excavators and dump trucks will be accessing the quarry on a regular daily basis for operational needs. Dump trucks will be the sole means of transportation of materials extracted from the quarry to the clients requested area.

These machines will have diesel emissions while in operation and potential for liquid effluents and air emissions, noise, and hydrocarbon release from heavy equipment which will be constantly monitored.

The existence of these potential pollutions will be continuously monitored and measures will exist to limit the impact to the area.

Such measures will include the following:

- Ensuring proper maintenance of equipment (mufflers, filters, etc)
- Emission control mechanisms as required.

- Quarry exists outside of residential areas reducing the risk of noise emission.
- Operations will not continue into the night hours to reduce the noise risk to area and wildlife existence.
- During summer months or any other dry season, the use of water may be required to reduce dust emissions in the quarry and roads.
- No sewage facilities located in this site
- No storage of hazardous materials onsite

The operation of heavy equipment within the quarry has an increased risk of diesel fuel, oils and fluids. This risk will be mitigated by ensuring no storage of these fluids on site, emergency spill kits on site at all times as well as familiarization in using these kits in response to a spill. Any repairs, service requirements etc will be done at an appropriate business offsite.

Equipment that will be onsite within quarry during operation are as follows:

- Front-end loader
- Excavator
- Dump truck
- Gravel/sand screening equipment

**g.) Buffers:**

A 100 metre buffer between the quarry construction and operation and the main water line will be constructed and maintained with repurposed quarry construction contents. Signage erected in the area of the buffer zone will prevent the buffer zone from being used as regular quarry operations. Multiple signage with bold-colorful highlights will be used as a “No Use Zone” for the buffer.

Fencing, berms and barriers used here as a buffer will also mitigate invasive species from entering the area.

**5. Alternatives:**

To date no other alternative means and locations of carrying out this project have been explored. Areas within the immediate location are currently not feasible for business needs. Increased transportation costs for locations outside the immediate area negatively impact business profits as fuel costs and increase time for travel will increase operating costs which will not be feasible for business survival. Locations of

quarries further away from Botwood area are not close enough in proximity to ensure a viable business for C & H Construction at this time.

## **6. Potential Environmental Effects and Mitigation:**

Construction equipment such as loaders, excavators and dump trucks will be accessing the quarry on a regular daily basis for operational needs. These machines will have diesel emissions while in operation and potential for liquid effluents and air emissions, noise, and hydrocarbon release from heavy equipment which will be constantly monitored.

The existence of these potential pollutions will be continuously monitored and measures will exist to limit the impact to the area.

Such measures will include the following:

- Ensuring proper maintenance of equipment (mufflers, filters, etc)
- Emission control mechanisms as required.
- Quarry exists outside of residential areas reducing the risk of noise emission.
- Operations will not continue into the night hours to reduce the noise risk to area and wildlife existence.
- During summer months or any other dry season, the use of water may be required to reduce dust emissions in the quarry and roads.
- No sewage facilities located in this site
- No storage of hazardous materials onsite

The operation of heavy equipment within the quarry has an increased risk of diesel fuel, oils and fluids. This risk will be mitigated by ensuring no storage of these fluids on site, emergency spill kits on site at all times as well as familiarization in using these kits in response to a spill. Any repairs, service requirements etc will be done at an appropriate business offsite.

Equipment that will be onsite within quarry during operation are as follows:

- Front-end loader
- Excavator
- Dump truck
- Gravel/sand screening equipment

## **I. Water Resource Management Plan:**

Within the boundaries listed above, co-ordinates: (N 49 6' 37.27" W55 23' 18.33"/30' AGL/144.8294' AMSL – Radius 411' ), it has been determined, in consultation with the Town of Botwood, that in order to ensure integrity of the waterline easement a buffer zone within the quarry will need to be established. (Crown Lands lease 158455) and a bridge erected in order to alleviate damage to the waterline from vehicular traffic.

This boundary consists of a 50 Metre buffer zone (undisturbed) maintained along all wetlands and waterbodies which will protect the main waterline easement. Due to the fact that this buffer is to be constructed to protect the waterline it is anticipated that this will also protect the body of water, Peter's River, from negative impacts that could possibly arise.

Closest body of water to Botwood Flower's Hill quarry is a small river, Peter's River, approximately 113 Meters from the closest edge of the quarry and approximately 35 meters from the closest point of the access road.

Land use map attached to demonstrate land use surrounding proposed quarry on a larger scale.

No physical and or biological environments within the area that would impact this river. No other bodies of water, no protected areas or wetlands.

Where there is potential for heavy rainfall, storms and high-precipitation storms ditching and redirecting of water flow will alleviate the concern of the runoff ending up in the adjacent river, Peter's River. This will deflect the runoff away from the river to mitigate this concern. The anticipated land slope of 45 degrees will also allow for sufficient runoff away from the river and redirected to a more suitable run off area within the quarry. If potentially the high precipitation storms do arise constant observation and other mitigation measures can be made readily available such as water pumps, extra run off ditches, sand bag barriers and silt curtains which will all be deployed to meet the needs of the area. This management plan will be ever changing based on the needs of each storm to mitigate the risk of the runoff to the river.

## **II. Project Specific Contingency Plan:**

In order to respond to a spill event, C & H Construction will have spill response kits available in order to contain an area to prevent further contamination. Full containment will be of utmost importance and response to an event will be immediate. Spill response kits of various sizes and specific to on site usage of oils,

gasses and other potential contaminates will be readily available should such an event occur.

### **III. Best Management Practices:**

In order to satisfy the concerns of the Town of Botwood a bridge will be erected and a buffer zone within the quarry will be maintained throughout the use of the quarry. This boundary consists of a 50 Metre buffer zone (undisturbed) maintained along all wetlands and waterbodies as well as a 100 Metre buffer along the northern boundary which will protect the main waterline easement. The bridge for vehicular traffic will be constructed of 2 layers of 6" x 6" lumber with 2" x 6" lumber to construct the top layer of the bridge. The bridge will be 12' x 16' in size. If unforeseen circumstances arise and the construct of this bridge becomes unsuitable, consultation with the Town of Botwood will need to occur in order to determine sufficient construct.

### **7. Decommissioning and Rehabilitation:**

If C & H Construction decides to no longer have a need for this quarry, equipment, business assets, buildings etc will be removed from site and the need to arrange an inspection of the site upon removal. Waste material will be removed and taken to approved waste disposal facility.

In consultation with the department the access road will be barricaded with a ditch/berm and or gate.

If need be a slope of 3:1, or a slope that conforms to the original quarry slope or a safe angle as determined by the department will be carried out upon ceasing operations in the quarry. This will be determined by the department in consultation with C & H Construction.

Final rehabilitation may be carried out by grubbing the area and completely re-cover the site after sloping. If no invasive species are introduced to the area than an organic material can be used to complete the process.

All outstanding payments, forms and reports will be filed upon surrendering the quarry permit.

**8. Project Related Documents:**

Approval letter issued on December 29,2023 by NAV Canada  
Water Management Plan - Completed  
Contingency Plan - Completed  
Best Management Practices and Monitoring Plan

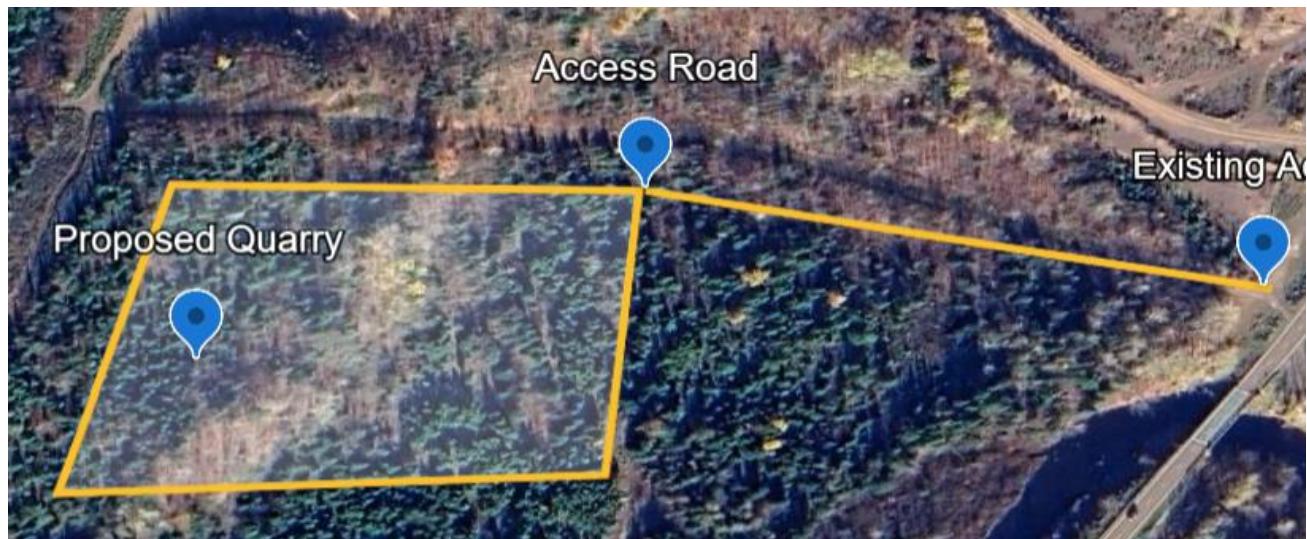
**9. APPROVAL OF UNDERTAKING:**

Quarry permit required from Department of Natural Resources

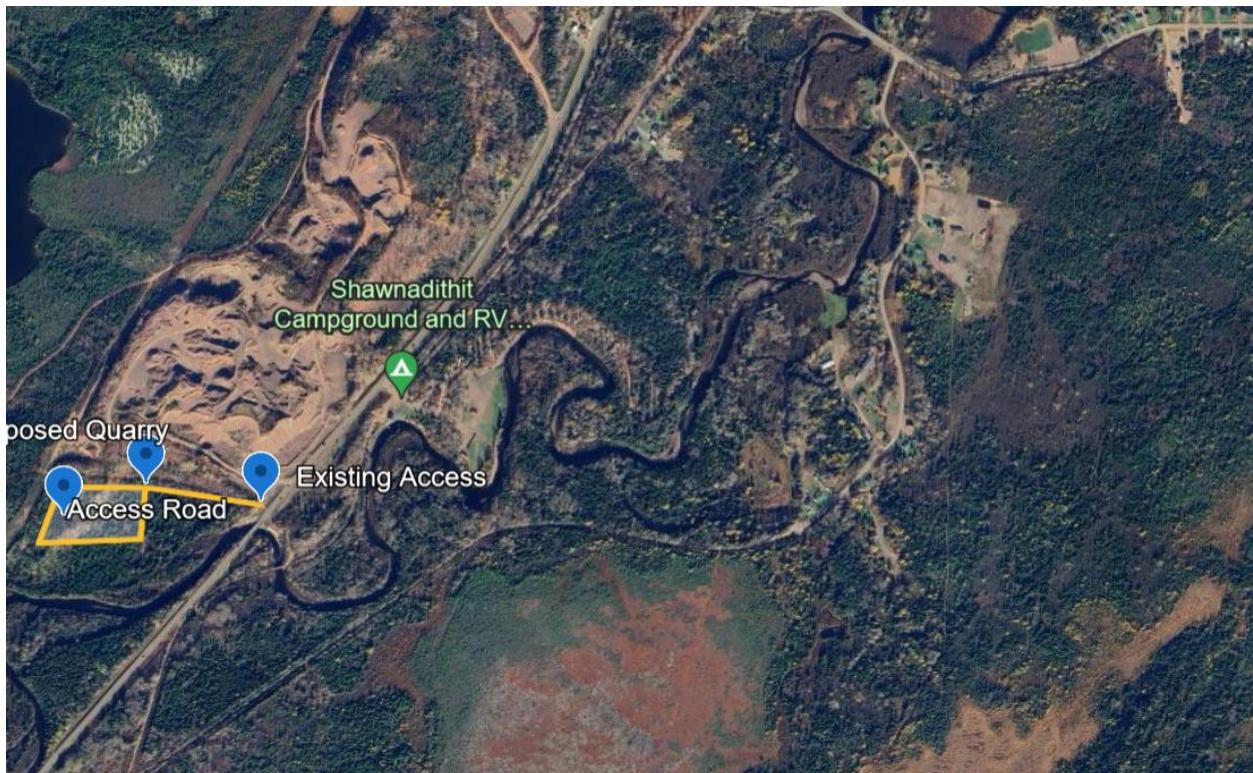
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**SIGNATURE**

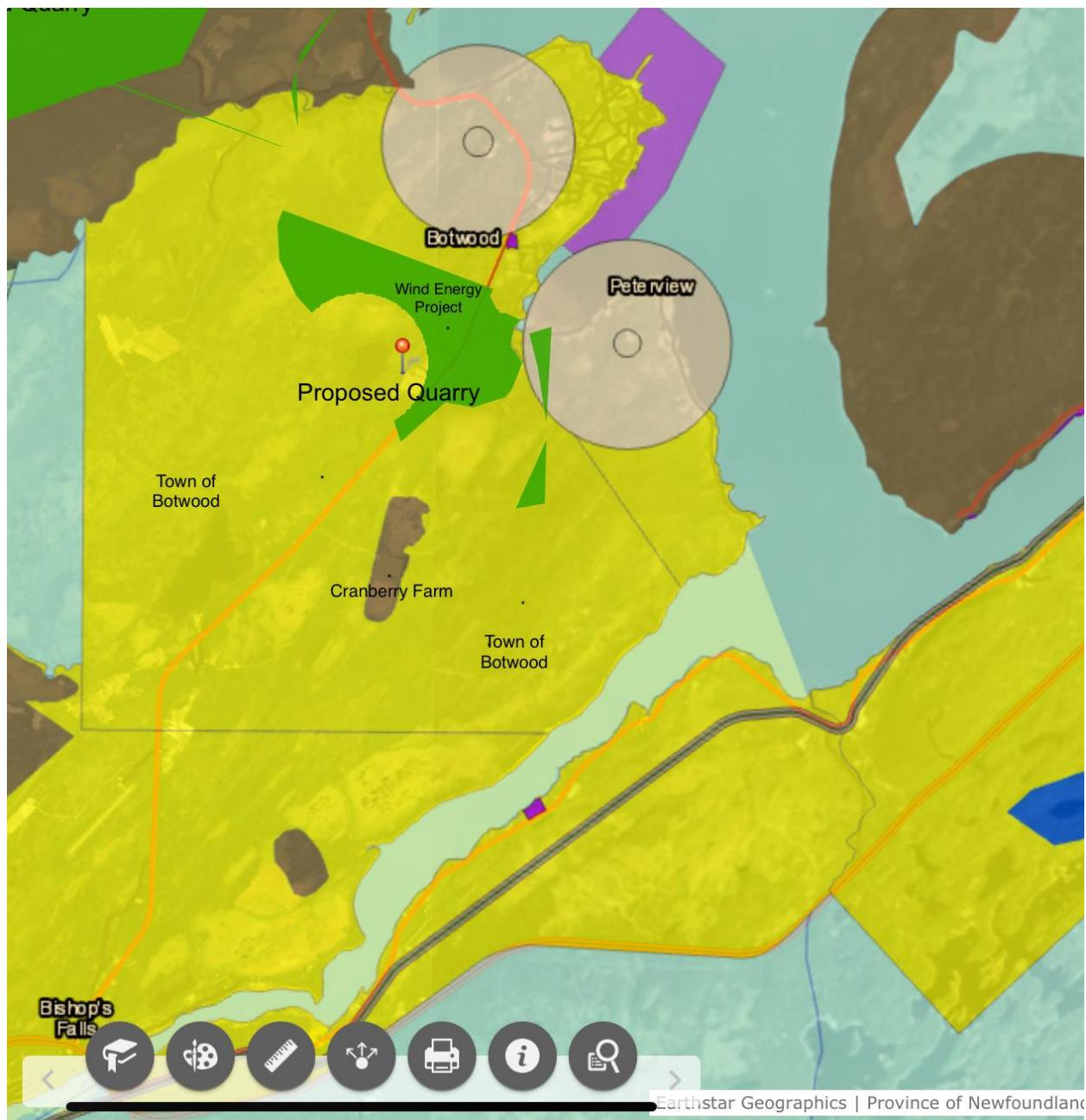
**Proposed Quarry and Access Road**



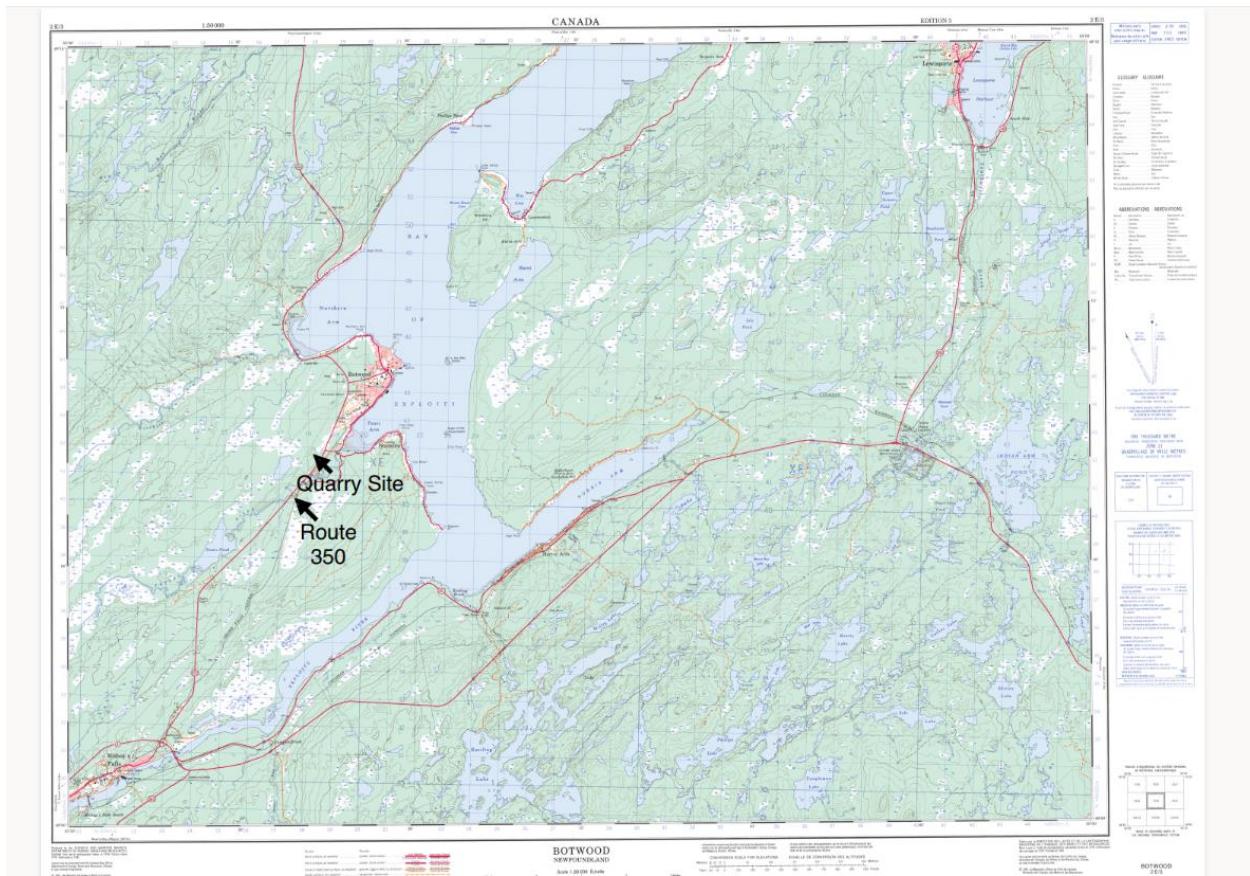
## Larger Scale Map



## Land Use Map



**Topographical Map**



# **Water Resources Management Plan (WRMP) for Flower's Hill Quarry**

## **C&H Construction, Botwood NL**

### **Introduction:**

Flower's Hill Quarry is located along Route 350 near the Town of Botwood. C&H Construction will develop this quarry for the sole purpose of extracting quarry contents based on the need of the construction season and business requests.

Peter's River is a small river located approximately 35 Meters from the closest point of the access road and approximately 113 Meters from the closest point of the quarry.

The Water Management Plan is required based on feedback from the Environmental Preview Report submitted July 2024.

Registration #: 2287

Quarry Application: 7111 3217

Environment Assessment File #: 200.20.3390

No streams or bodies of water exist inside the projects footprint/boundary.

Location Map attached.

### **Site Drainage:**

Flowers Hill quarry is currently undeveloped and awaiting approval to begin development of the area. During development shallow site drainage ditches can be developed to temporarily hold water allowing a slower discharge while retaining water temporarily. While some drainage may still be able to follow the natural topographic profile of the area as it did historically.

### **Site Water Management:**

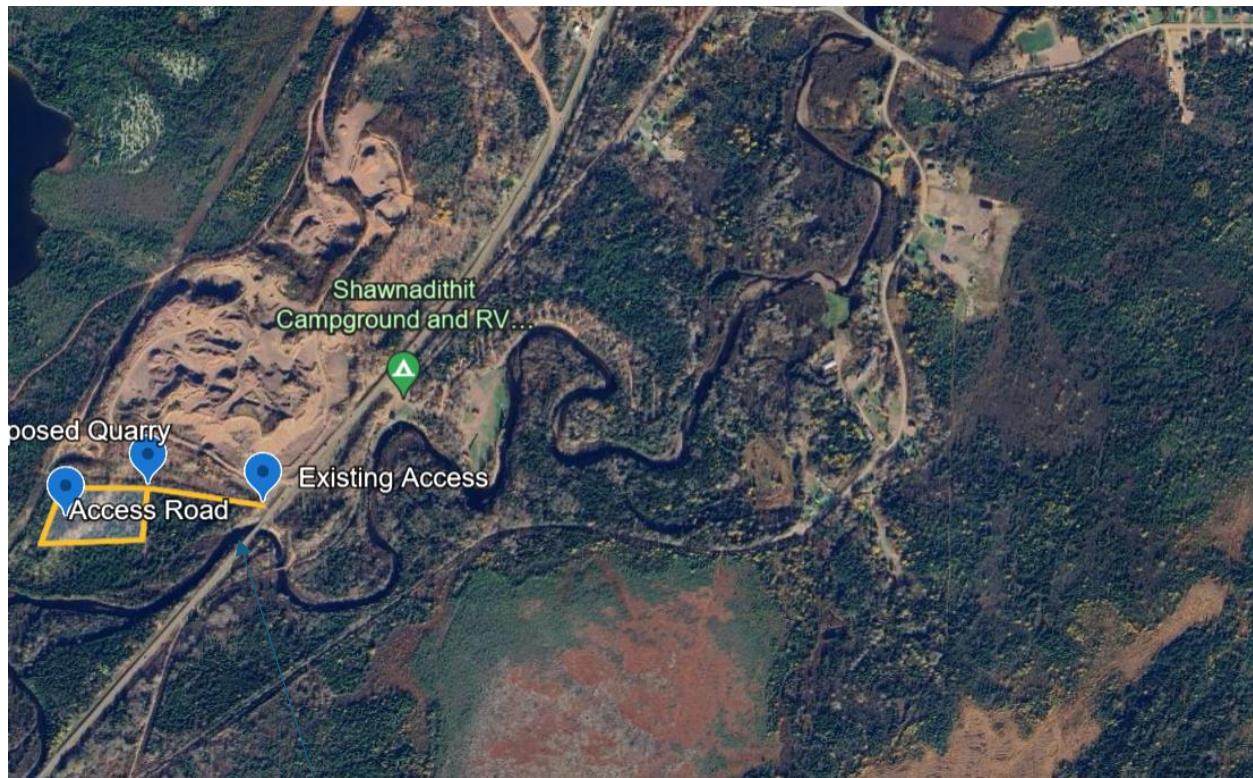
The Water Management Plan for the proposed quarry will utilize drainage trenches or ditching in the production area to enable the collection of overland runoff within the site and direct it away from Peter's River. This discharge point will have adequate filtration using silt screens or rock dams to ensure no negative impact to surrounding areas prior to discharging from the site.

In the event a 1 in 100 year climate change 24 hour rainfall event were to occur additional containment inside the area may be required to safely allow discharge of water from the

site. This may be in the form of dams, berms, pumps etc. Deeper trenching may also be utilized to ensure the direction of the rainfall can be safely redirected away from Peters River and to prevent erosion of the area.

Predictions for 2011-2040 Comfort Cove area have a minimal rainfall amount of 82.1mm and a maximal amount of up to 137.1mm within 24 hours. Additional data has the prediction in 2070 to be a maximum of 172.5mm and year 2100 at a maximum of 180.0mm within a 24 hour timeframe. Information can be found at the following hyper-link using the Comfort Cove data. ( <https://www.gov.nl.ca/ecc/occ/climate-data/> )

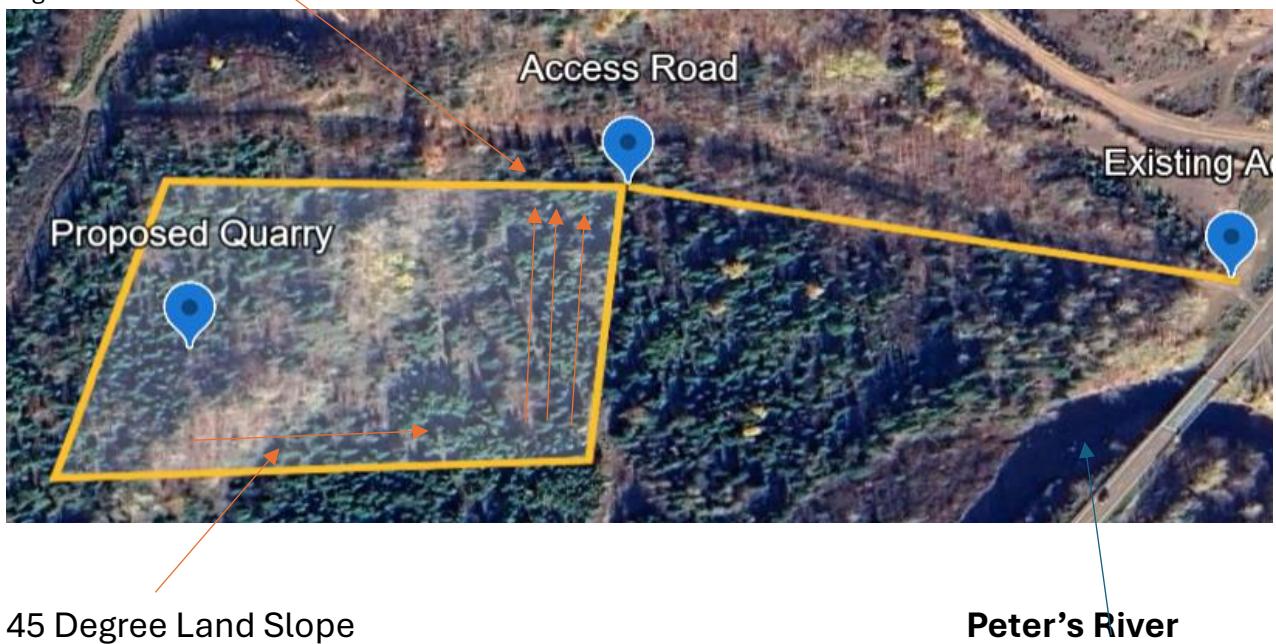
C & H Construction commits to providing the most efficient and effective measures to ensure that the Environmental Control Water and Sewage Regulations are followed, and no negative impact should occur to adjacent water bodies.



**Peter's River**



Ditching designed to catch and divert 1:100 year 24 hour climate change event. Direct runoff to naturally vegetated area.



# **Spill Contingency Plan for the quarry operated by C&H Construction located on Botwood Highway, Flowers Hill Quarry.**

## **Introduction:**

All vehicles will be required to carry a spill kit when working in the quarry. Spill contingency plan and a spill kit is to be kept readily available in a company vehicle during quarry operations. This contingency plan includes initial contact numbers in the event of a spill incident, a spill response action plan, and contacts for spill response. For the purposes of work at the gravel quarry, there will be no on-site storage of fuel. All refueling of equipment will be done using approved tanks mounted on the company pickup truck. These tanks are equipped with secondary containment systems and are approved for the purpose of refueling equipment.

## **Response Organization Description:**

In the event of a spill of a hazardous material on the quarry site and access road, whether access is public or private, all personnel will follow a defined response and notification, led by the owner operator of C&H Construction.

### **STEPS TO TAKE:**

Spill or release is identified by staff or public Assess personal safety and safety of others.

- Barricade area affected
- Identify spilled product
- Notify owner operator Jody Hemeon
- MINOR SPILL (under guideline levels)
- MAJOR SPILL (over guidelines levels)
- Gather and Don Personal Protective Equipment (PPE)
- Stop the spill if safely possible
- Ensure spill does not flow towards water sources. Establish berm if required.
- Place spill absorbents.
- Keep track of small spills in company files for records and inspectors reference
- Ensure area is barricaded. Recover as much of the hydrocarbons and contaminants as possible and keep area contained until clean up is completed.

## **Owner Operatory of C&H Construction has the following responsibilities:**

- Assume complete authority over the spill area and co-ordinate the actions of site personnel (if any)
- Notify National Environmental Emergency Centre at **1-800-563-9089** immediately upon becoming informed a spill has occurred. If the designated supervisor is unavailable the driver/employee is to contact the 24 hour Emergency Response Centre.

- Ensuring inspection of fuel tanks and pumps and preventative measures are being followed prior to the start of the work day to prevent leakages and escape of hazardous materials
- Environmental Adviser has the following responsibilities
- Provide technical advice on probable environmental effects from the spill
- Provide advice on spill response procedures
- Assist in developing any sampling, testing or monitoring of soil and water directly affected by the spill
- Once a spill has been contained, will consult with agency Inspector assigned to the file to determine the level of cleanup required.
- The Inspector may require a site specific study to ensure appropriate clean up levels are met. •
- Co-ordinate all correspondence with any contractors and government agencies

### **Spill Response Contacts**

Onsite Owner Operator Jody Hemeon 709-290-1159

Government agency: In an emergency, CANUTEC may be called at **613-996-6666** (24 hours) or **\*666** cellular (press **\*666**, Canada only). In a non emergency situation call the information line @ **613-992-4624** (24 hours).

Emergency/Ambulance 911

Fire 709-257-3592

RCMP 709-489-2121

Poison Control 1-844-764-7669

### **Procedures for initial action:**

- Ensure safety of all personnel
- Assess spill hazards and risk
- Remove all sources of ignition
- Stop spill if safely possible e.g. shut off pump, replace cap, tip drum upward, patch leaking hole.

Use the contents of the nearest spill kit to aid in stopping the spill if safe to do so. Protective gloves should be worn immediately if there is any risk of being in contact with hydrocarbons

- Contain the spill – use the contents of the spill kit to place sorbent material on the spill, or use shovel to dig dike to contain spill. Methods will vary depending on the nature of the spill

### **Procedures for containing and controlling a spill**

- Initiate spill containment by first determining what will be affected by the spill.
- Assess speed and direction of spill and cause of movement (wind, slope, puddles of water)

- Determine best location for containing spill
- Have a contingency plan ready in case spill worsens beyond control or if the weather or topography impedes containment.
- Keep a log of all information received during the incident

## **Dykes:**

Dykes can be created using soil surrounding a spill on land. These dykes are constructed around the perimeter or down slope of the spill. A dyke needs to be built up to a size that will ensure containment of the maximum quantity of contaminant that may reach it. A plastic tarp can be placed on and at the base of the dyke such that fuel can pool up and subsequently be removed with sorbent material or by pumping into barrels or tank.

If the spill is migrating very slowly a dyke may not be necessary and sorbents can be used to soak up fuels before they migrate away from the source of the spill.

## **Trenches:**

Trenches may be used to contain spills as long as the top layer of soil allows. Shovels pick axes, loader, dozer or hoe can be used depending on the size of trench required. It is recommended that the trench be dug to the bed rock or permafrost, which will then provide a containment layer for the spilled liquid. Liquid can then be recovered using a pump or sorbent materials.

For small spills, sorbent materials are used to soak up spilled liquid.

## **Resource Inventory:**

A spill kit will be located on site and the contents and the spill response plan will be reviewed regularly. Heavy equipment, shovels, rakes, and poly are located on site for use when required.

Contents of spill kits, but not limited to:

- 15 hydrocarbon absorbent pads
- 2 absorbent socks (3" x 48")
- 1 plug and dyke (10oz jar)
- 3 heavy duty yellow disposal bags (33"x35"x6mil)
- 2 pair of PVC oil resistant gloves or Nitrile gloves
- 2 pairs of plastic safety goggles
- 1 spill clean-up instruction sheet
- 20 l. pail Other equipment
- 1 shovel

- 1 rake

### **Storage and Transfer:**

- Store all contaminated water, soils, cleanup supplies, and used absorbent materials in closed labeled containers.
- Store containers in ventilated area away from incompatible materials.

### **Disposal:**

C&H Construction will consult with governmental environmental authorities for advice on disposal sites for contaminated materials and before disposing of contaminated materials.

### **Spill Response Training Protocol:**

C&H Construction will ensure training for all site personnel, including equipment operators, drivers and labourers (if any in future)

Training will include the following:

- The initial spill response procedures to follow in the event of spills
- Review the Organization Spill Response Contacts
- Location and use of emergency equipment to respond to spills
- Safe operation and maintenance of equipment and tools to minimize the potential for spills
- Safe handling and storage of contaminated material

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NO.	DESCRIPTION
	DATE
	REVISIONS



STAMP:

PROVINCE OF NEWFOUNDLAND AND LABRADOR	PERMIT HOLDER
PEGL	This Permit Allows
Professional Engineers and Technicians of Newfoundland and Labrador	CECON LIMITED
To practice Professional Engineering in Newfoundland and Labrador	
Permit No. 08893, as issued by PEGL, which is valid for the year 2024.	
BRADLEY BURTON	
Signature	
DATE: Oct. 8, 2024	
NEWFOUNDLAND & LABRADOR	

OWNER:

CNH CONSTRUCTION LTD.

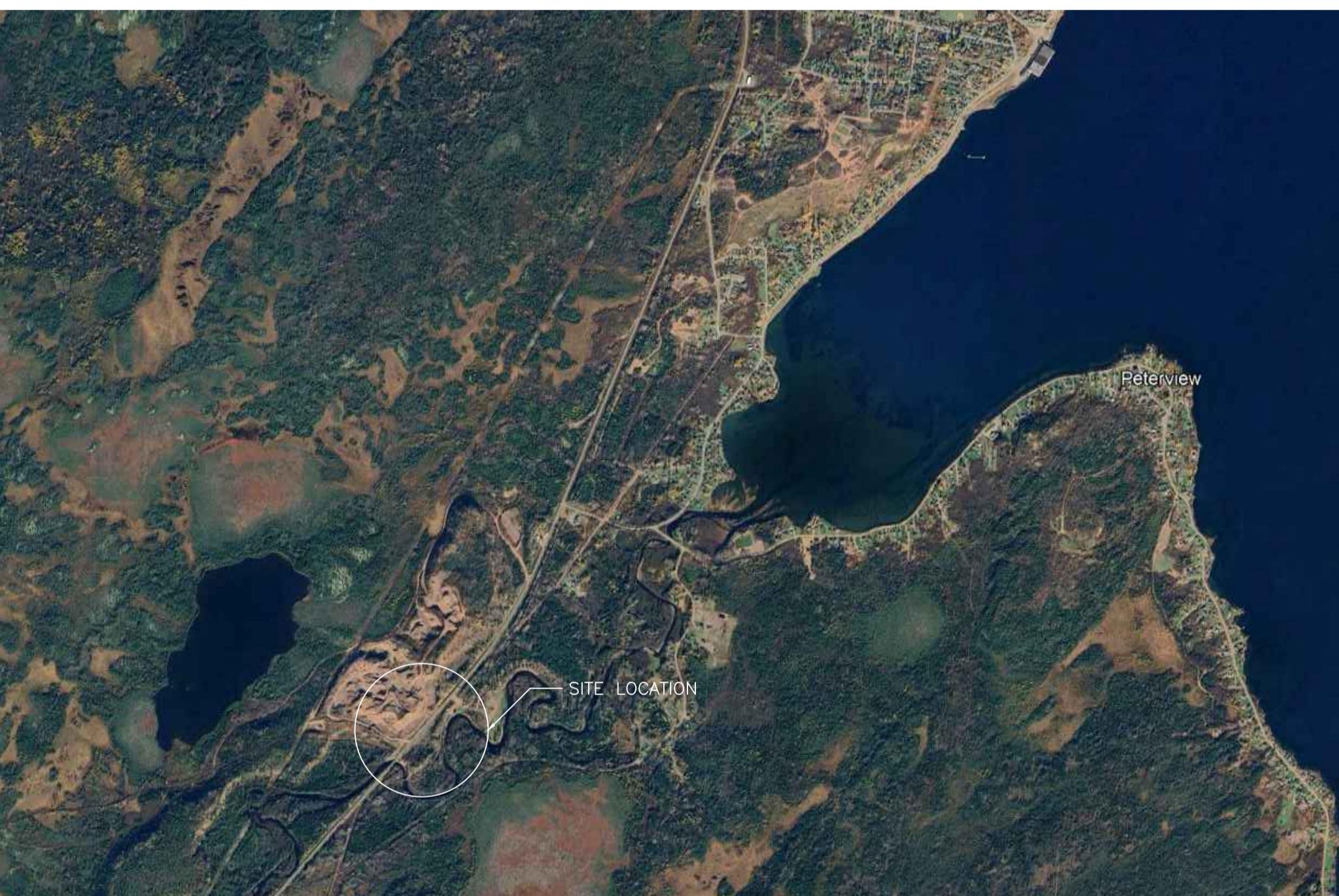
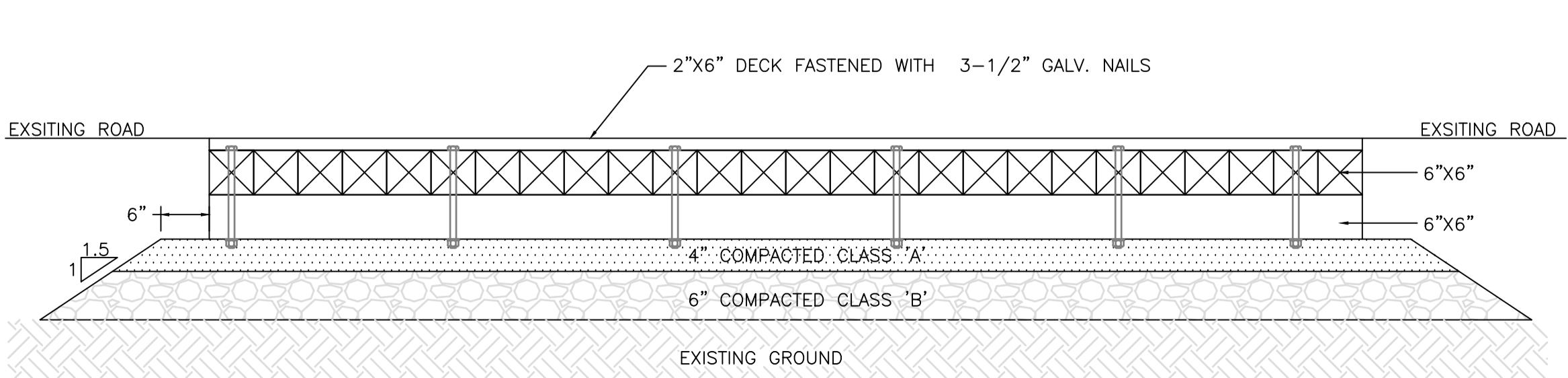
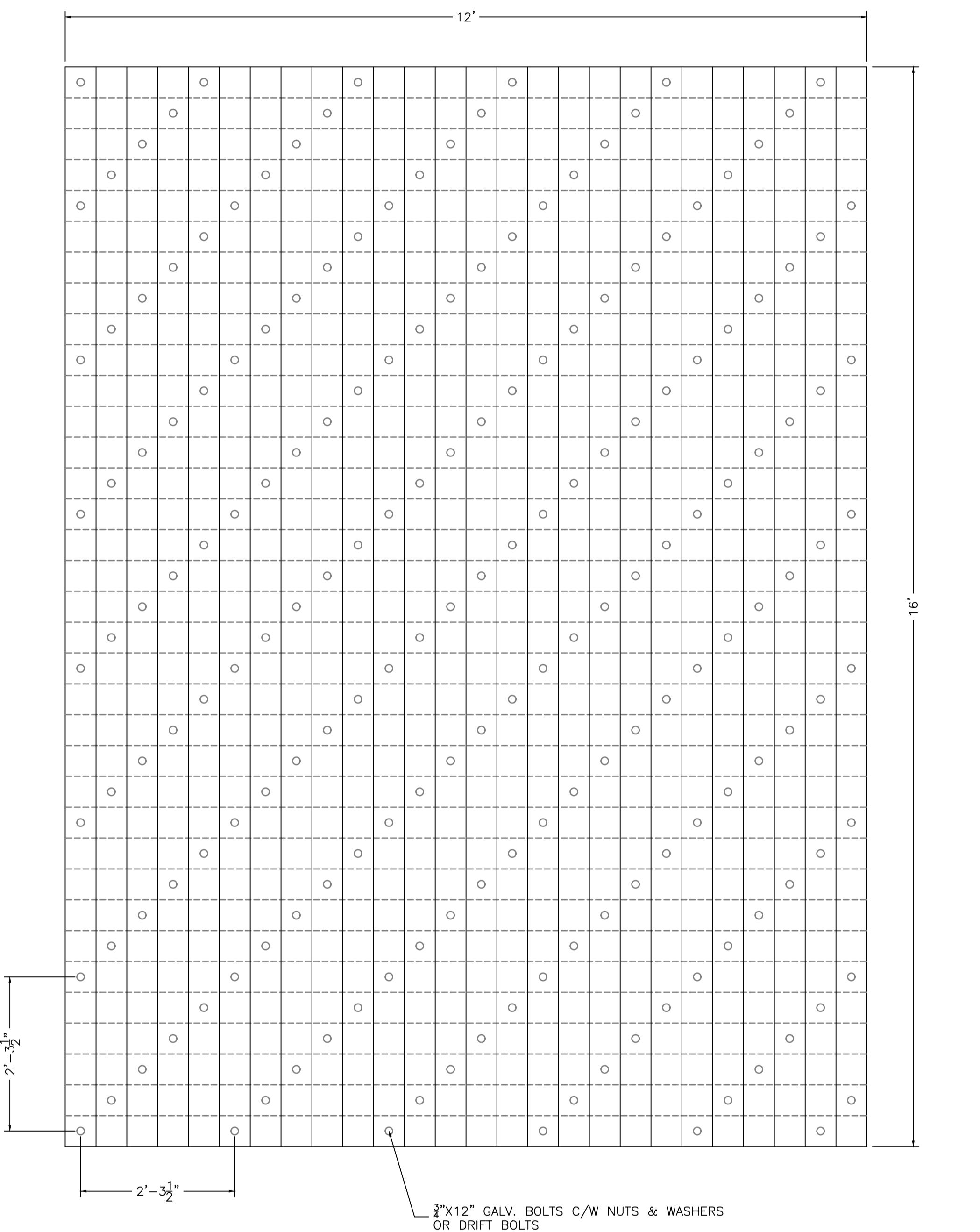
PROJECT:  
BRIDGE PAD  
CNH CONSTRUCTION PIT,  
BOTWOOD, NL

TITLE:  
BRIDGE DETAIL

SCALE: 3/4"=1'-0" DATE: October 2024 DRAWN BY: GS

DESIGNED BY: B.B. CHECKED BY: B.B. APPROVED BY: B.B.

PROJECT NO. 24526 DWG NO. 1



## NOTES:

- DECK TO BE PLACED IN LINE WITH EXISTING TOWN WATER MAIN.
- DECK TO BE PLACED ON COMPACTED BASE AND BLEND INTO EXISTING ROAD TO ALLOW WEIGHT TO BE EVENLY DISTRIBUTED THROUGH THE GROUND.