

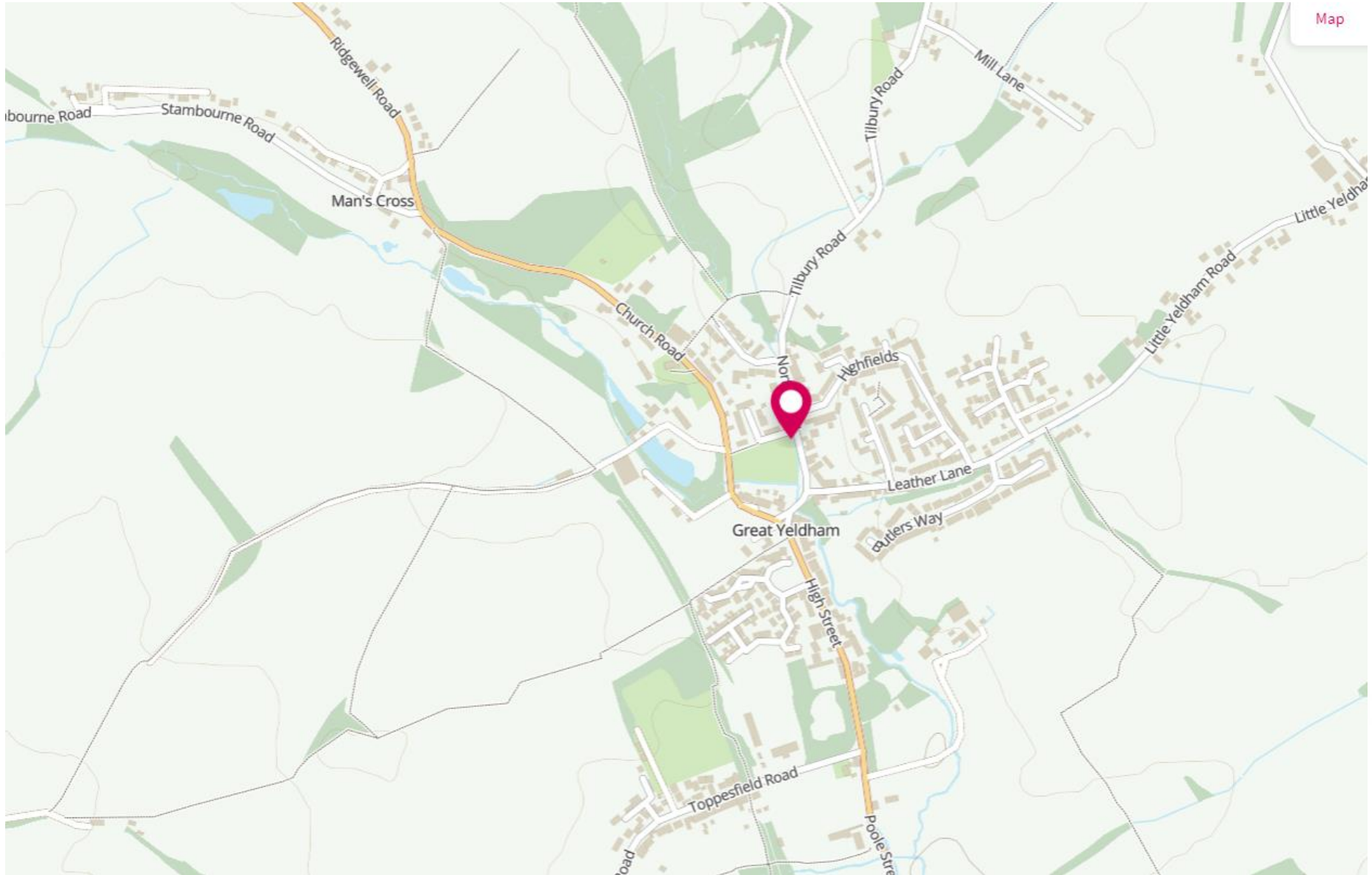
# Churchfield Bridge New Access Road

Jan 2024

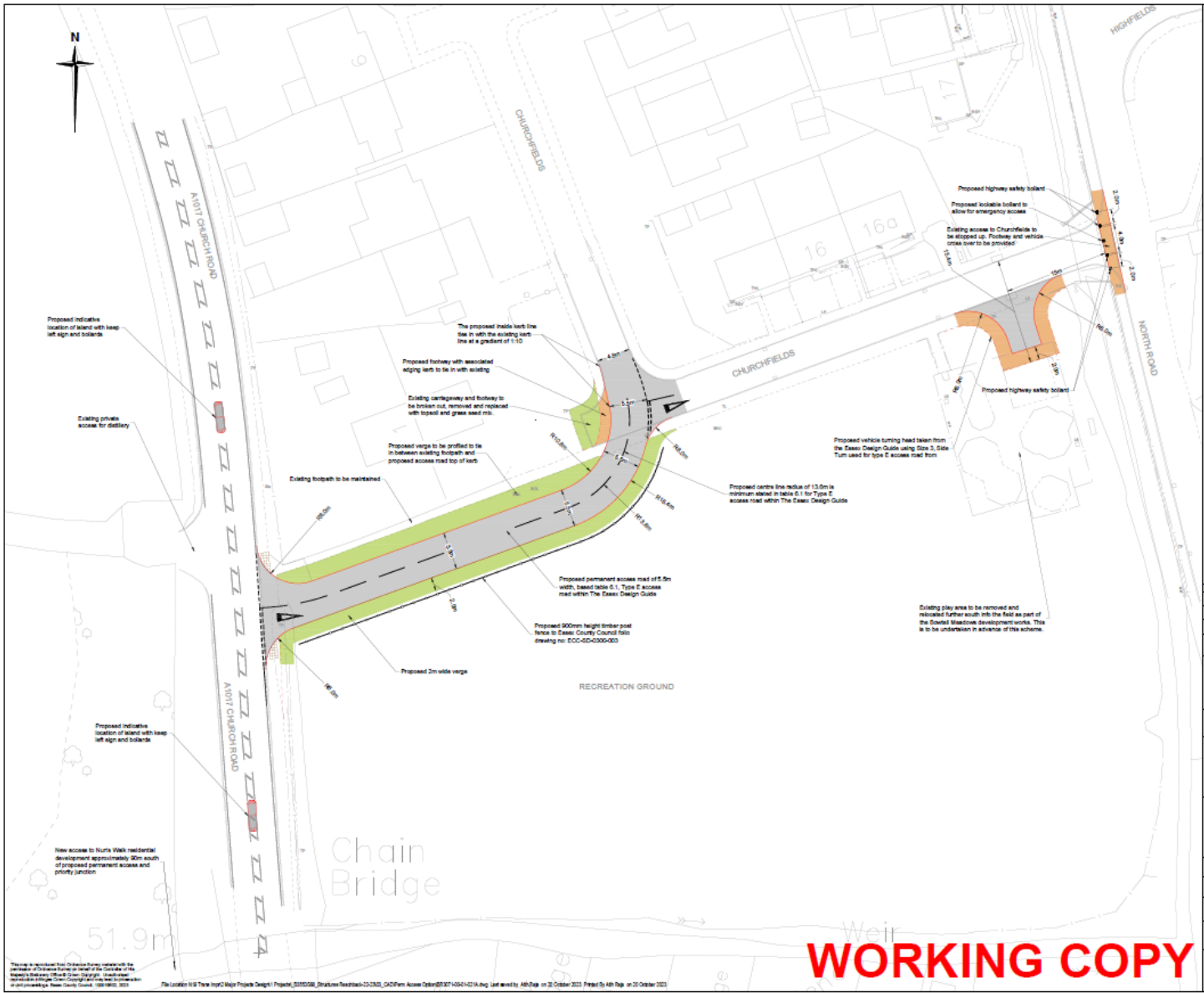
Scheme Engineer:	Sophia Sackey
Engineer:	Ian Woodcock
Principal Engineer:	Nagaratnam <u>Pirabagaran</u>
Project Manager:	John Morgan
Structures Manager:	Clive Woodruff



# Location of Churchfield Bridge and New Access Road



# Location of New Access Road and New Turning Point



This is a working copy of the Essex Design Guide. It is not to be used for any other purpose. It is the property of Essex County Council. It is not to be reproduced or distributed without the permission of Essex County Council. It is not to be used for any other purpose. It is the property of Essex County Council. It is not to be reproduced or distributed without the permission of Essex County Council.

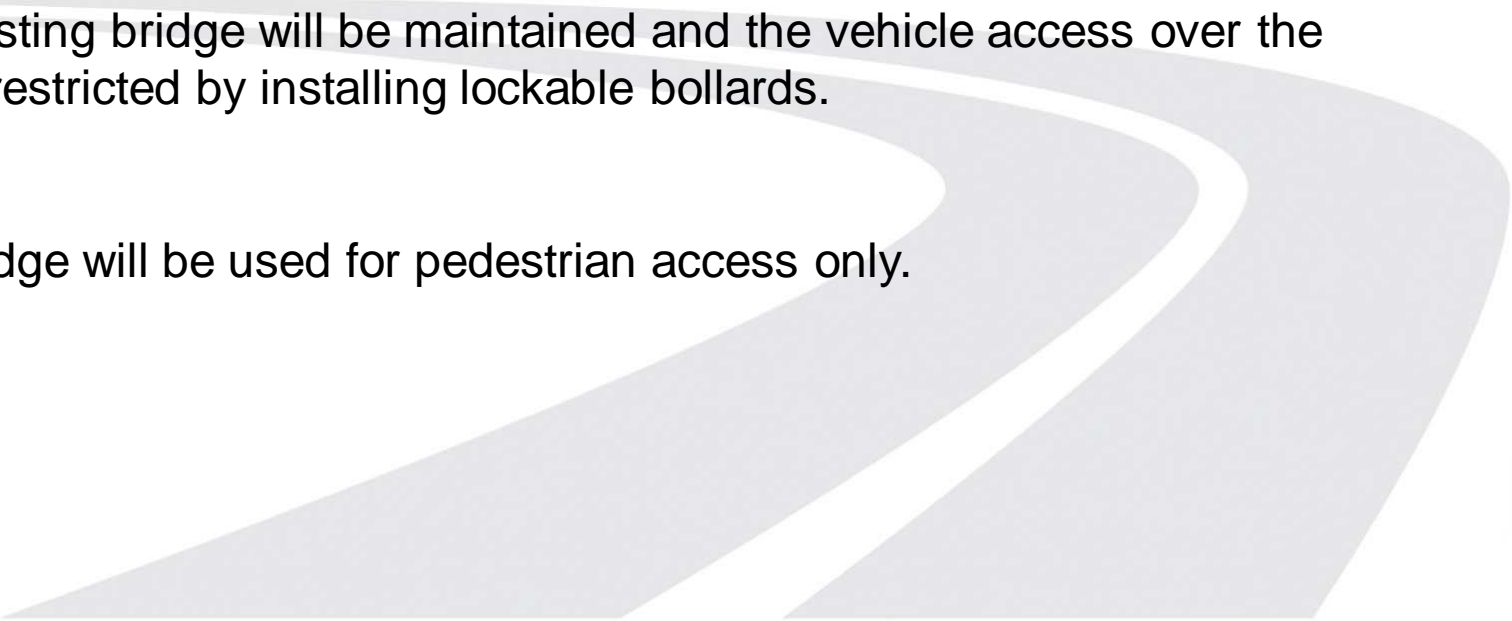
**WORKING COPY**

# Entry to New Access Road





# Proposal

1. Build a new access road to connect “Churchfields” Road to Church Road.
  2. Construct a turning point on “Churchfields” Road nearer to the Churchfield bridge.
  3. The existing bridge will be maintained and the vehicle access over the bridge restricted by installing lockable bollards.
  4. The bridge will be used for pedestrian access only.
- 

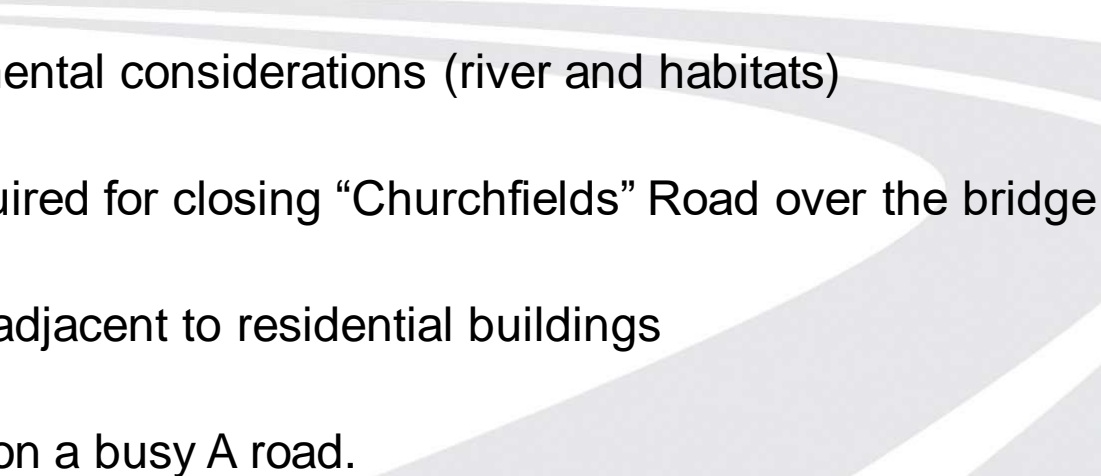
# Reason for Changes

Temporary access road is required for reconstruction of Churchfield bridge for the duration of the work. Making the temporary road as a permanent access road would mean:

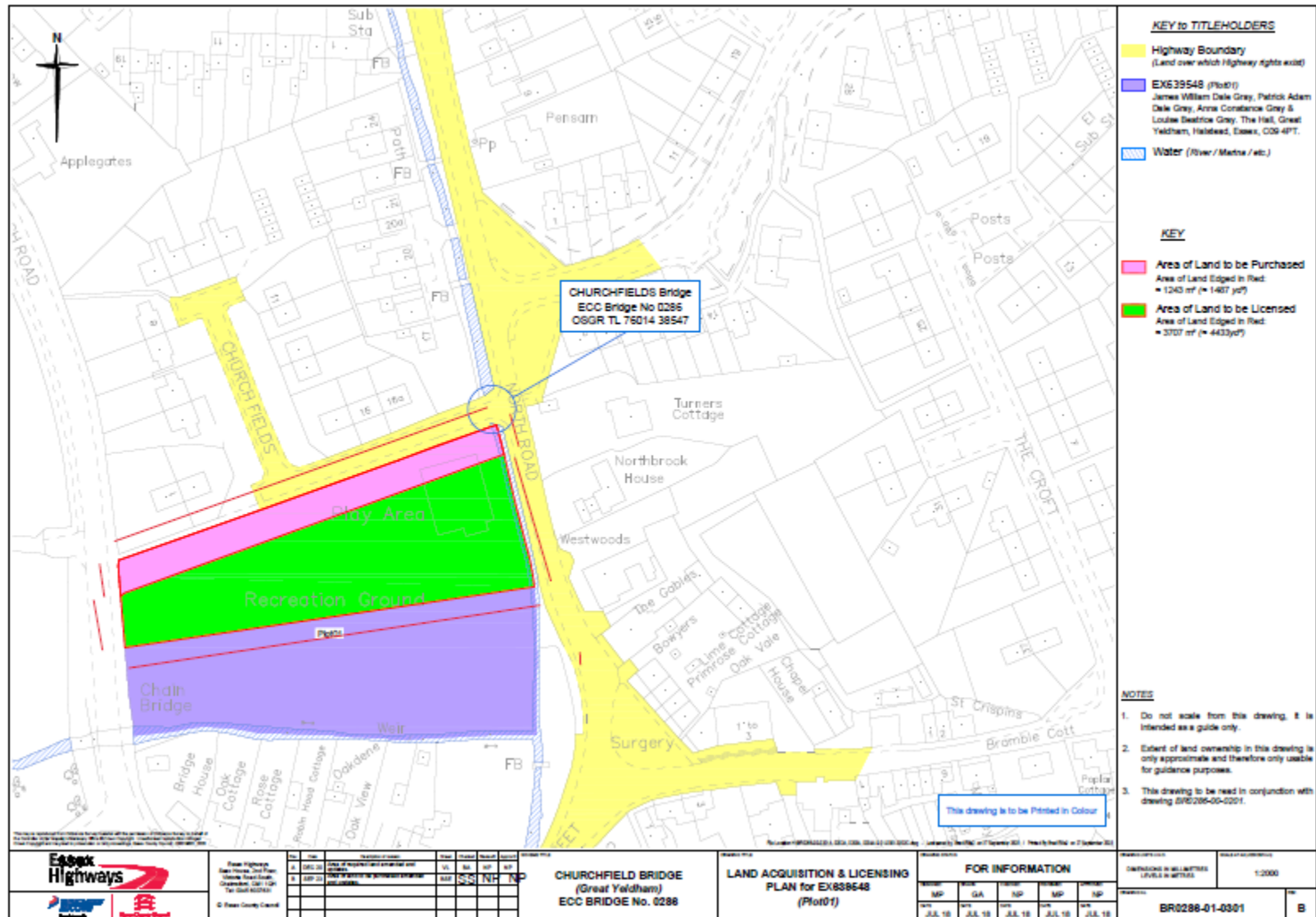
- Less construction time
- Less inconvenience to local traffic
- Low cost
- Avoids unnecessary utility diversions
- No disturbance to river flow



# Construction Constraints for New Access Road

- Planning permission
  - EA Approval for working within flood plain
  - Land purchase and leasing required for site compound
  - Utility services diversion
  - Environmental considerations (river and habitats)
  - TRO required for closing “Churchfields” Road over the bridge
  - Working adjacent to residential buildings
  - Working on a busy A road.
- 


# Land Required for New Access Road





# Construction Phase

The New Access Road will be constructed in the following phases:

- Service diversions
  - Construction of new access road
  - Construction of new turning point
  - Open the access road for public
  - Close the road over the bridge (North Road access)
  - Installation of lockable bollards
- 

# Scheme Programme

- Detailed Design 2024/25
  - Construction 2025/26
- Anticipated Construction duration: 4 months.



Thank you

Questions?

