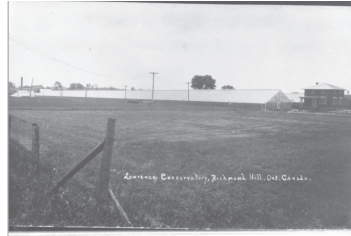
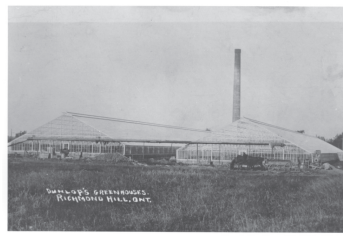
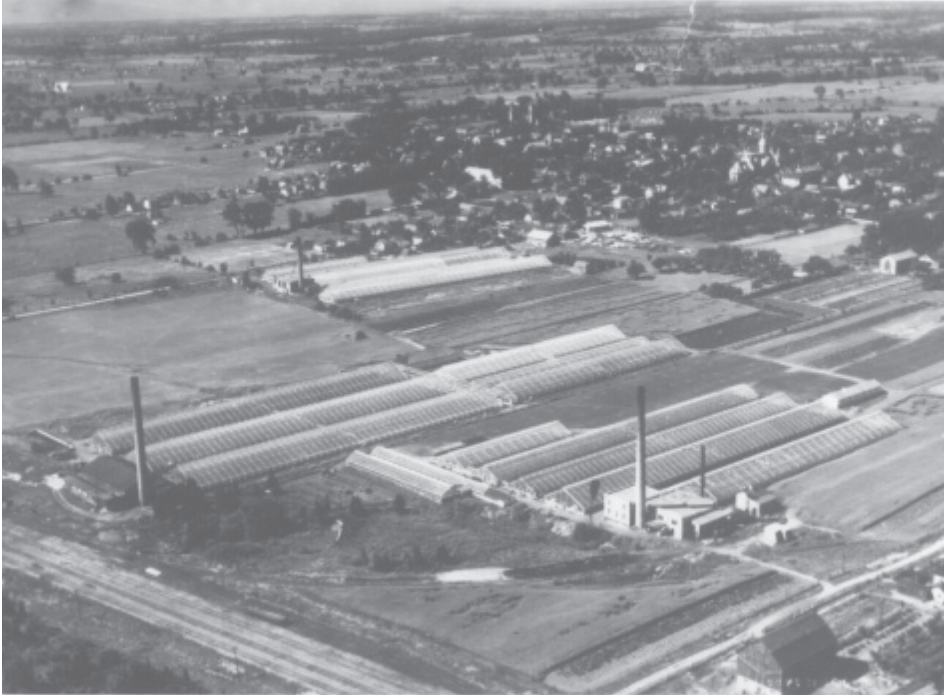


# YONGE ST + GARDEN AVE ENTRY FEATURE

steeple



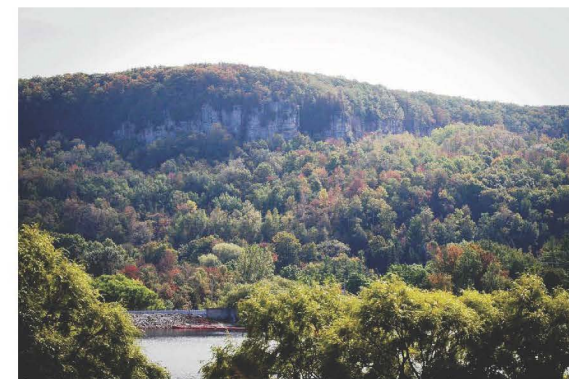
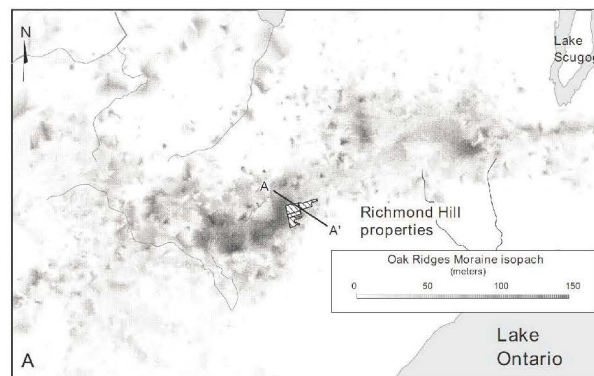
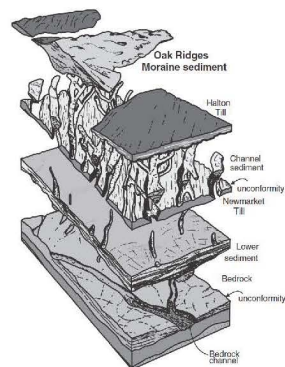
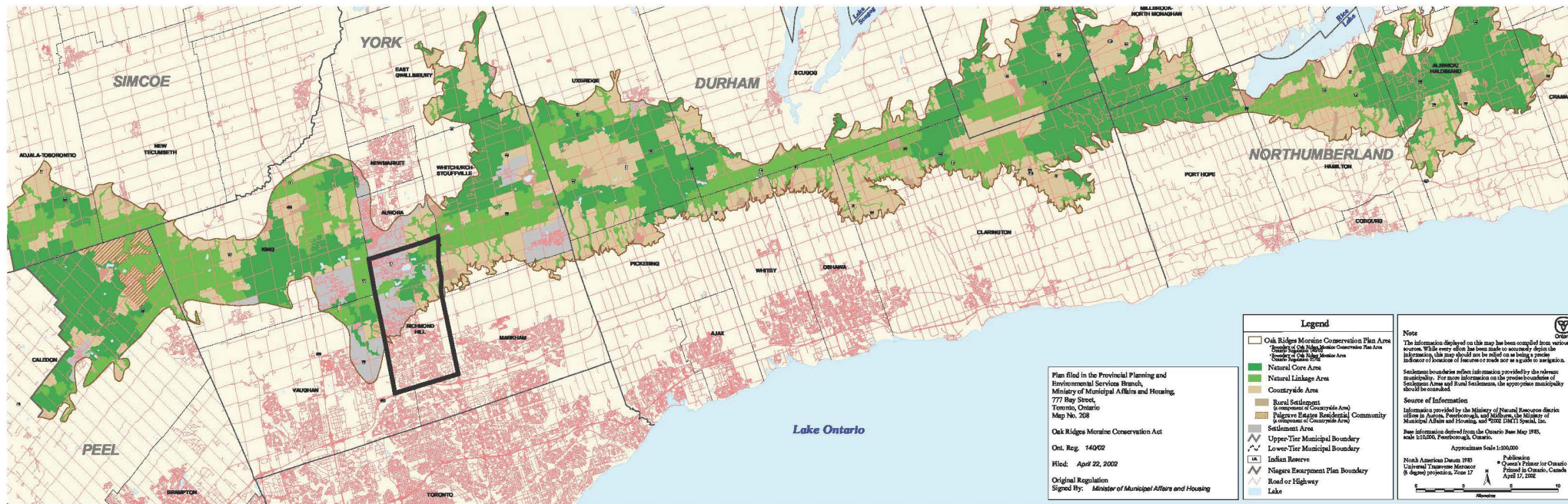
rose green houses



hedgerows







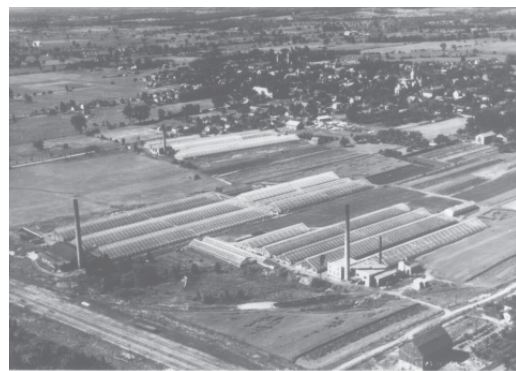
May 8, 2019

# NATURAL

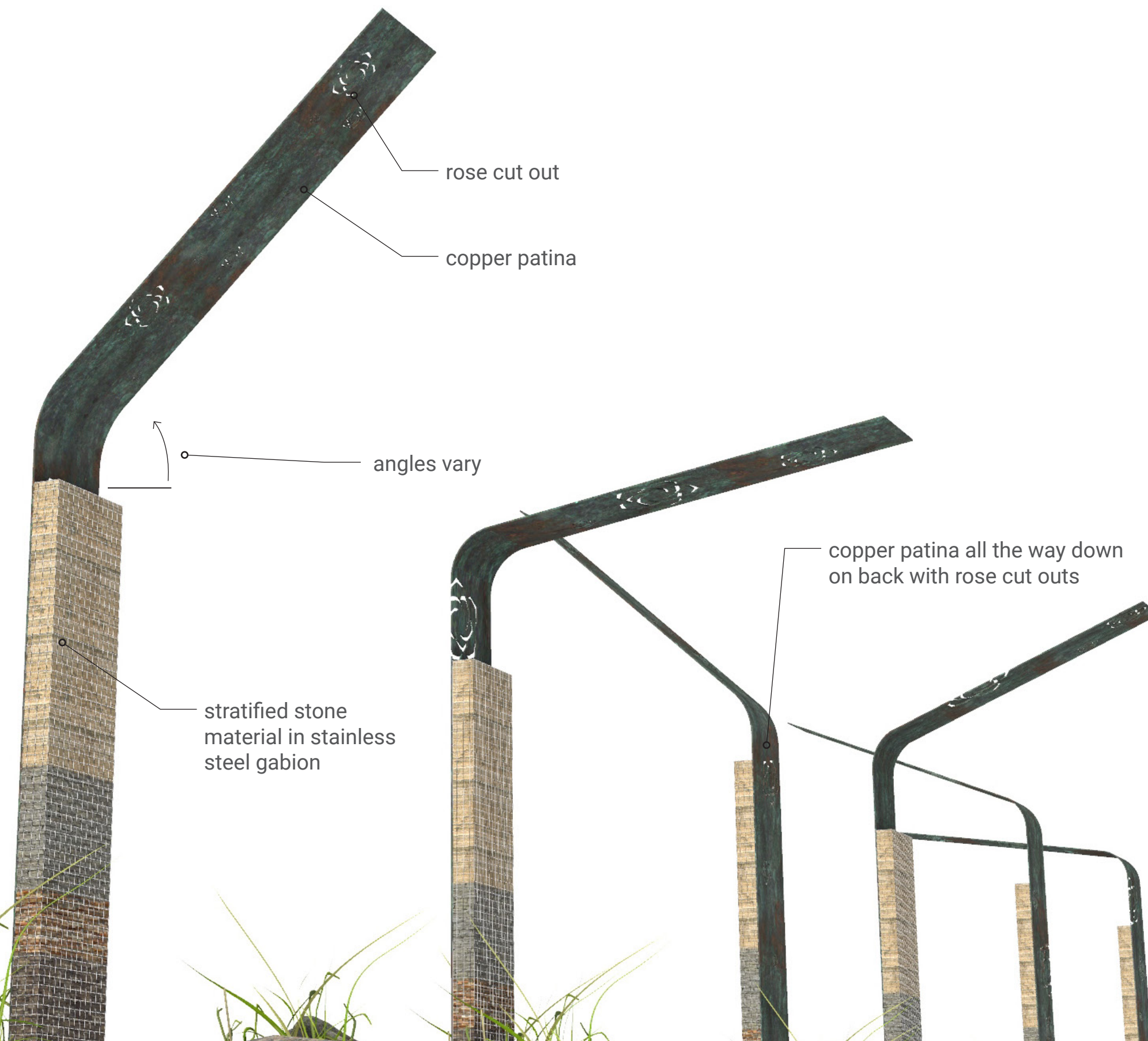
Ecological representations of Richmond Hill

STUDIO **tla**  
Yonge St + Garden Ave Gateway Feature





10 meters



rose cut out

copper patina

angles vary

stratified stone material in stainless steel gabion

copper patina all the way down on back with rose cut outs

# OPTION 01

COPPER PATINA



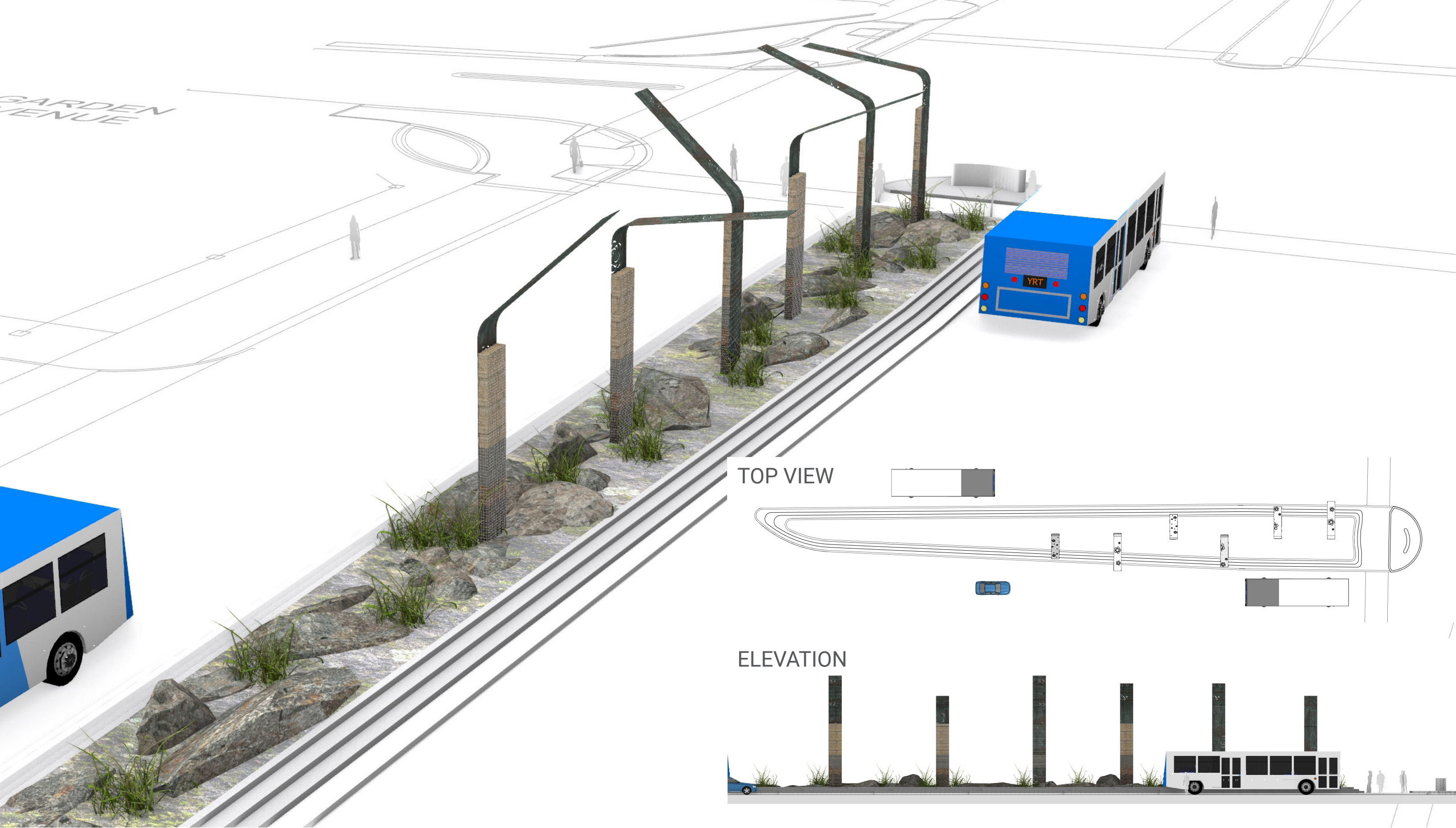


May 9, 2019

# OPTION 01

STAINLESS STEEL

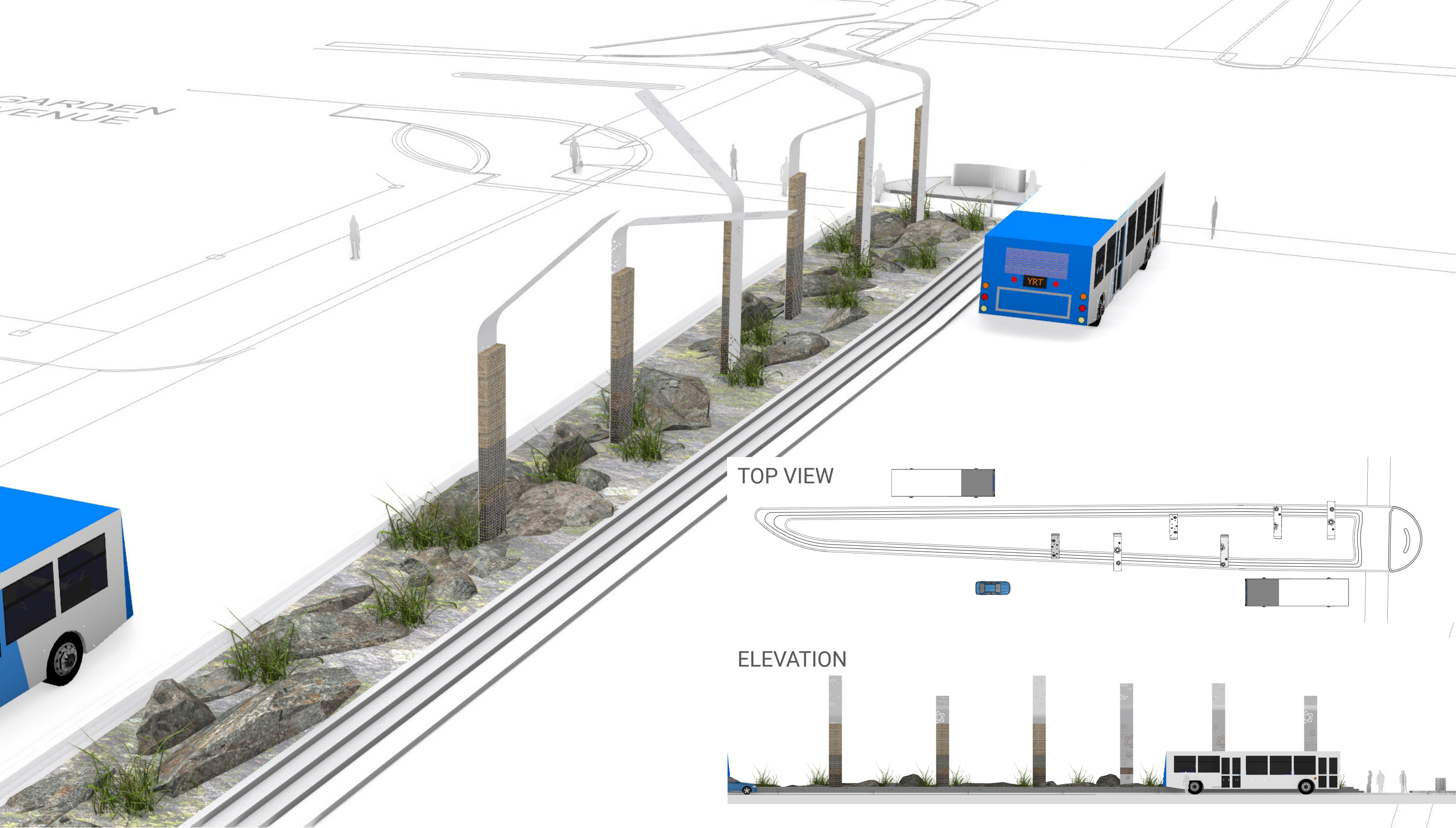




# OPTION 01

COPPER PATINA

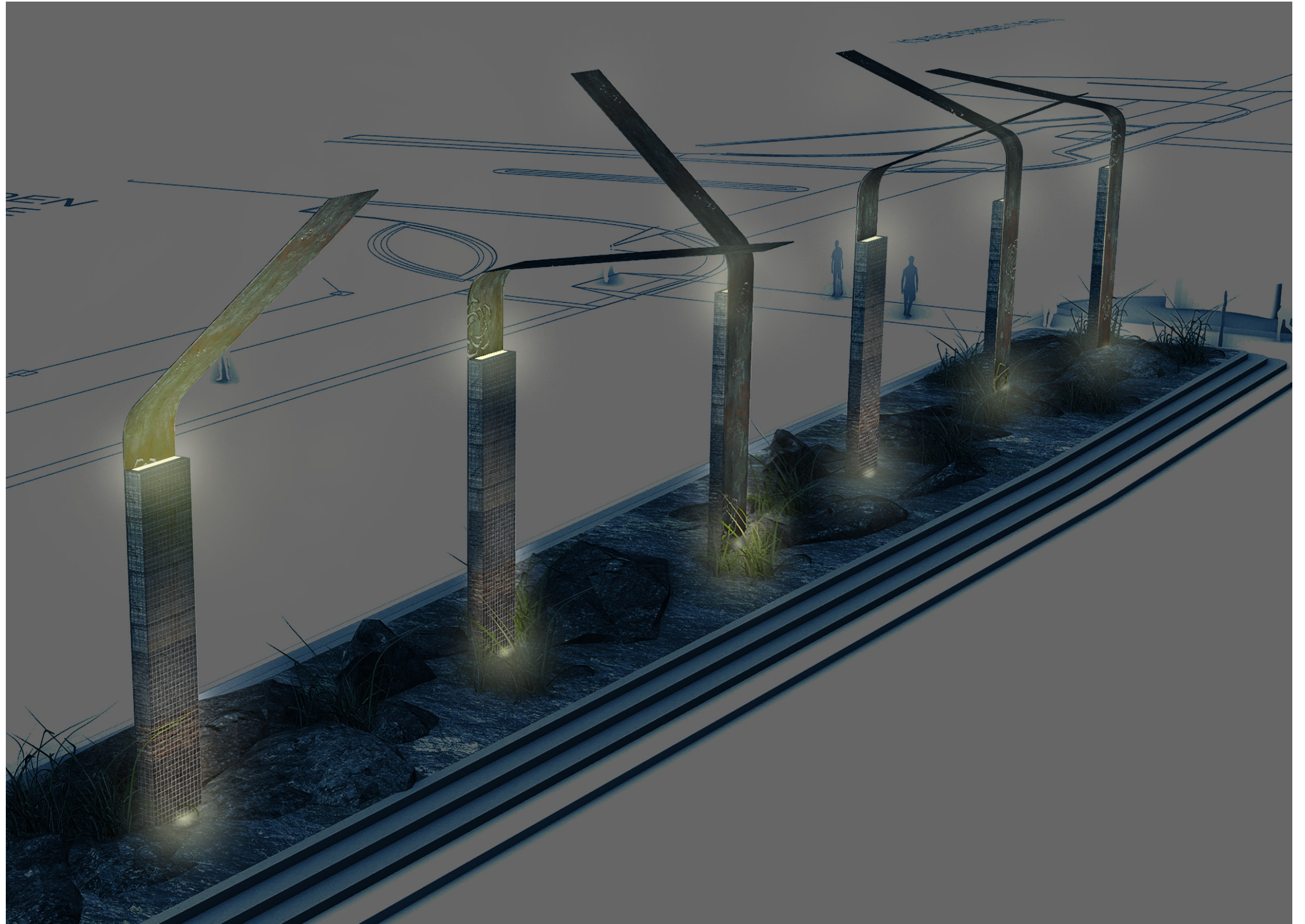




# OPTION 01

STAINLESS STEEL





# OPTION 01

LIGHTING CONCEPT



DISCUSSION

SUMMARY

- » stainless steel 316 non directional finish is durable and requires minimal maintenance
- » stainless steel is light weight and easy to install
- » rose cut outs provide interesting shadowing day and night
- » custom stainless steel gabions can be prefilled or stacked on site
- » locally sourced stone representing Oak Ridges Moraine
- » copper patina applied as veneer to the surface of stainless steel 304
- » copper patina resists rust and has minimal maintenance requirements
- » both options are similar in price

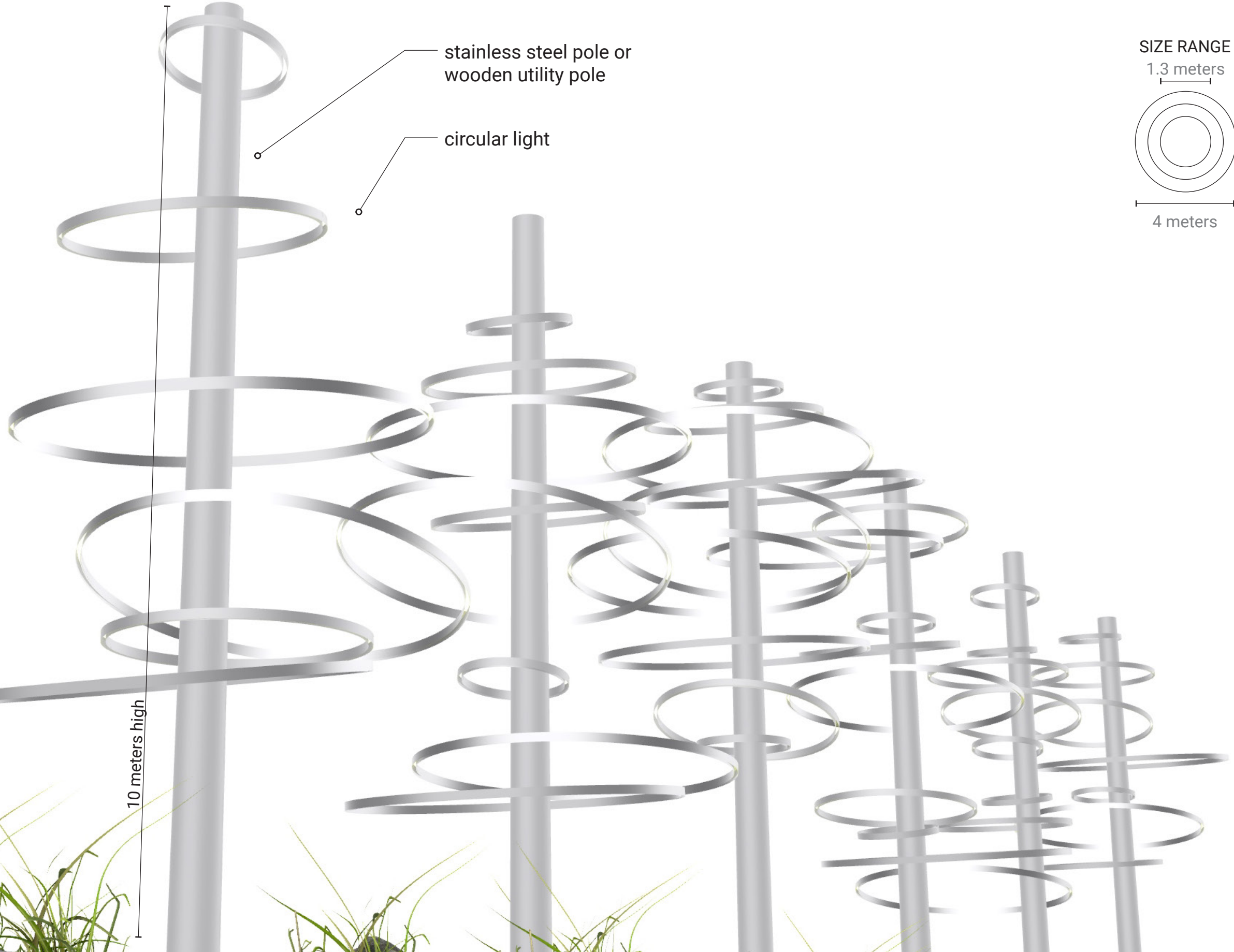
CONS

- » stainless steel can show water spotting



OPTION 01  
SUMMARY

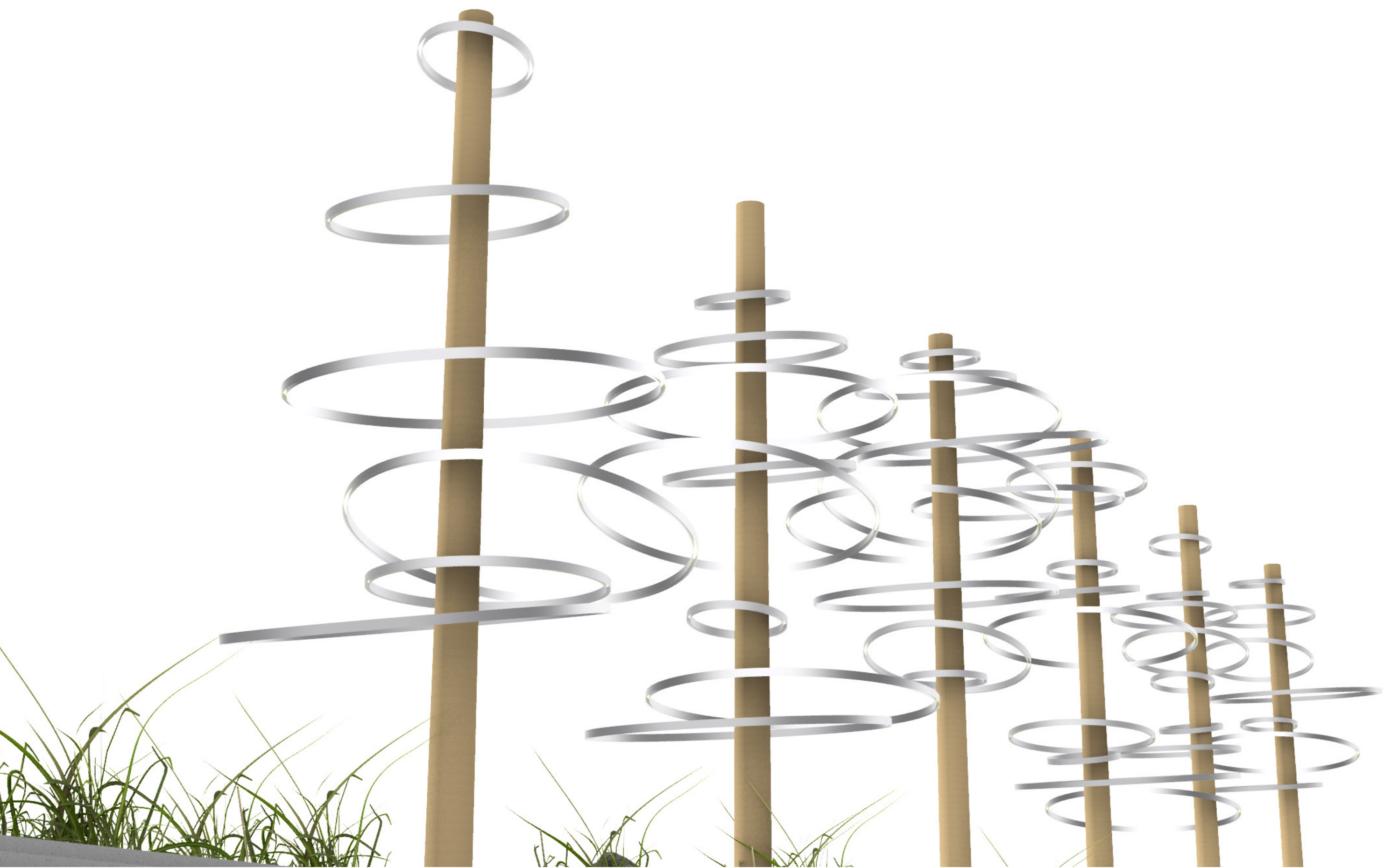




# OPTION 02

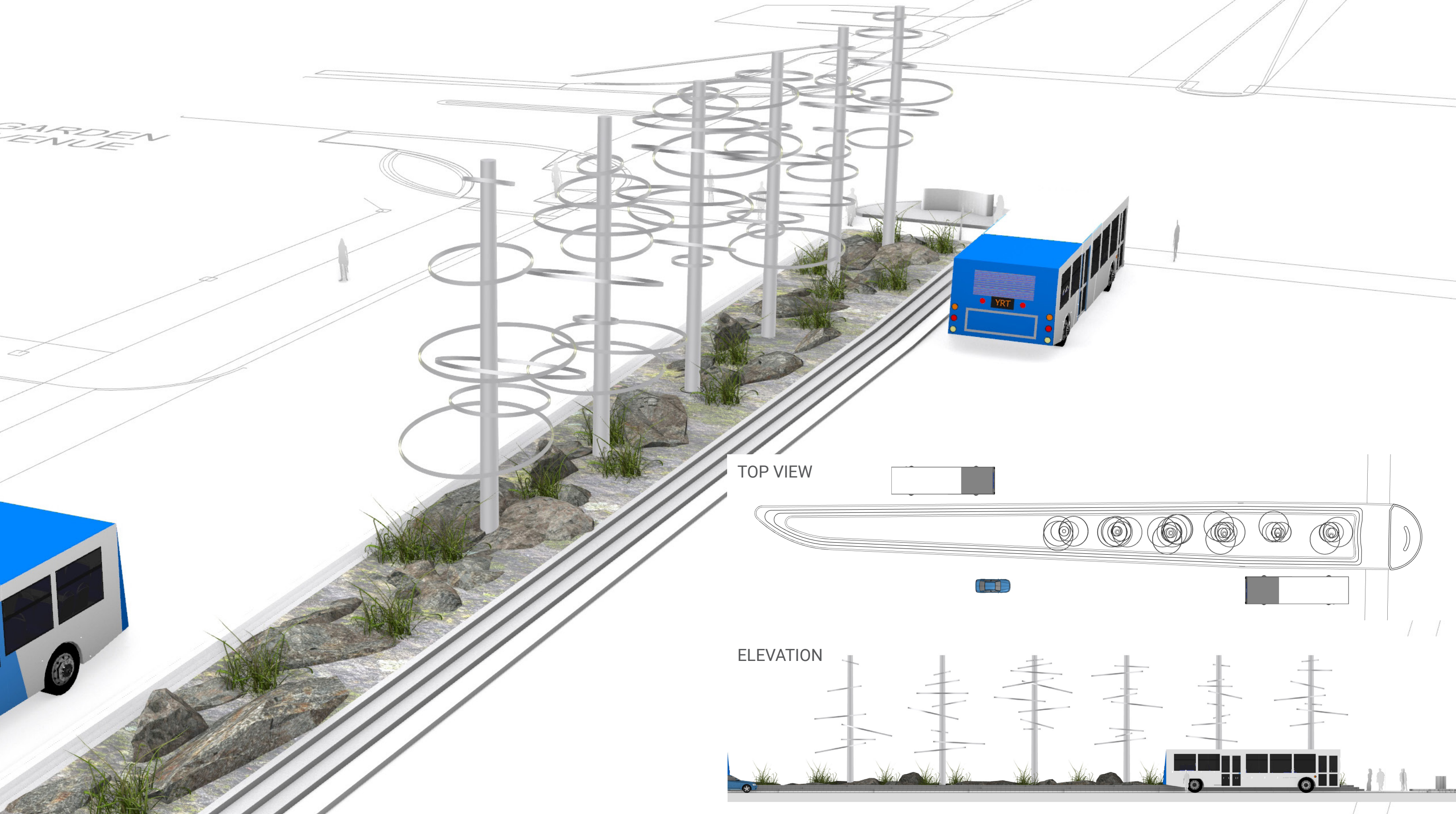
STAINLESS STEEL





**OPTION 02**  
WOOD



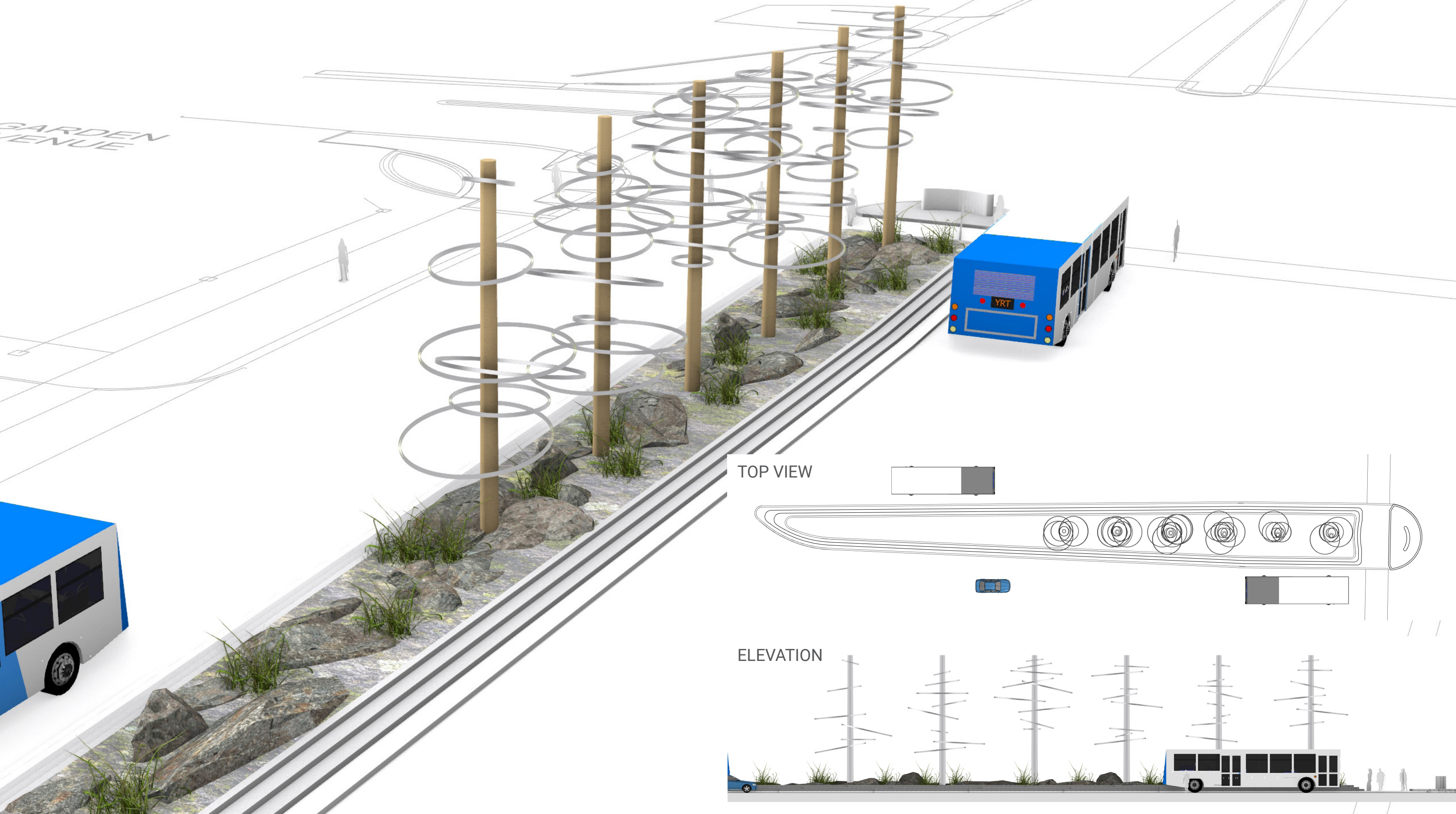


# OPTION 02

STAINLESS STEEL

May 9, 2019



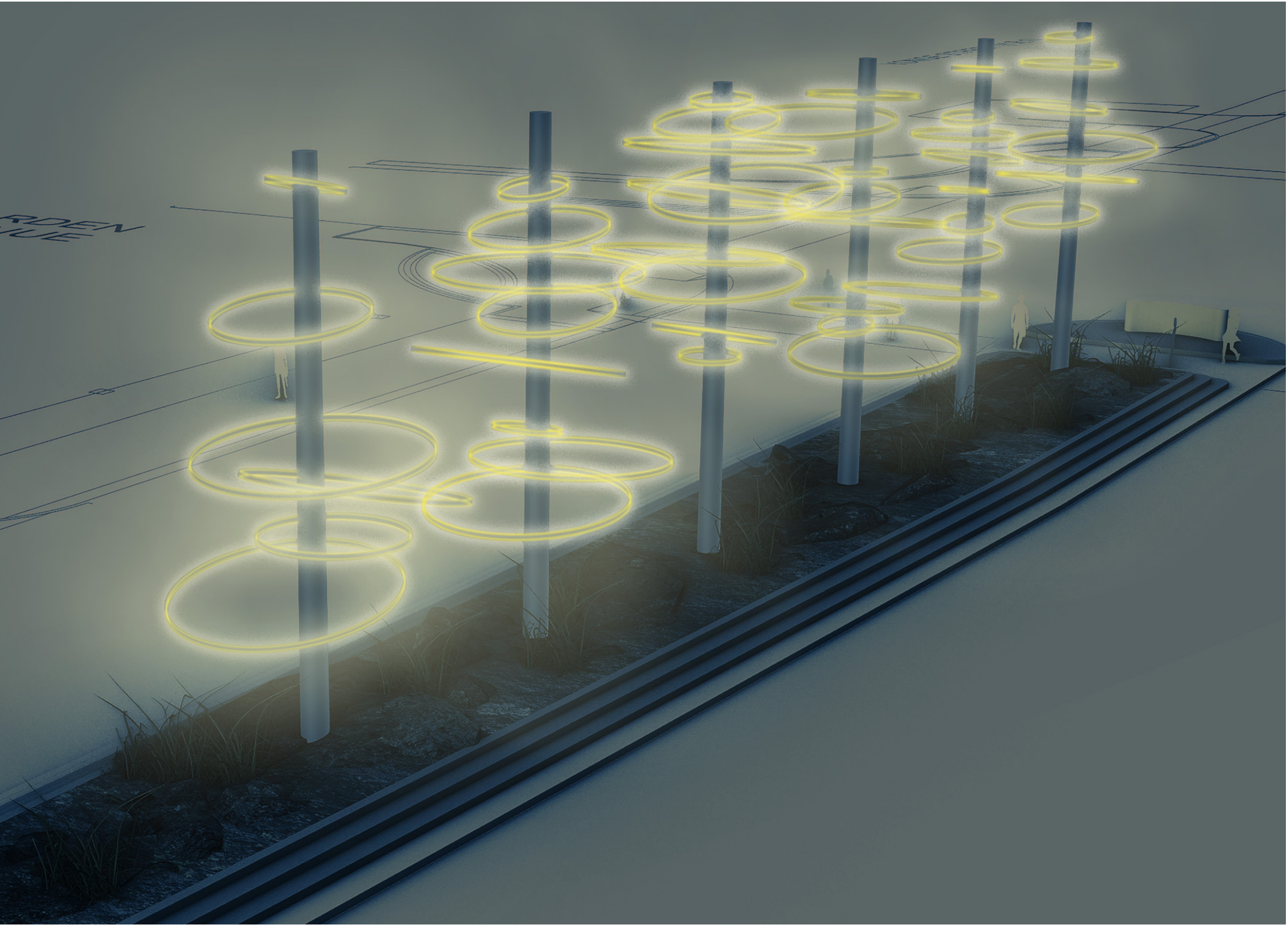


# OPTION 02

WOOD

May 9, 2019

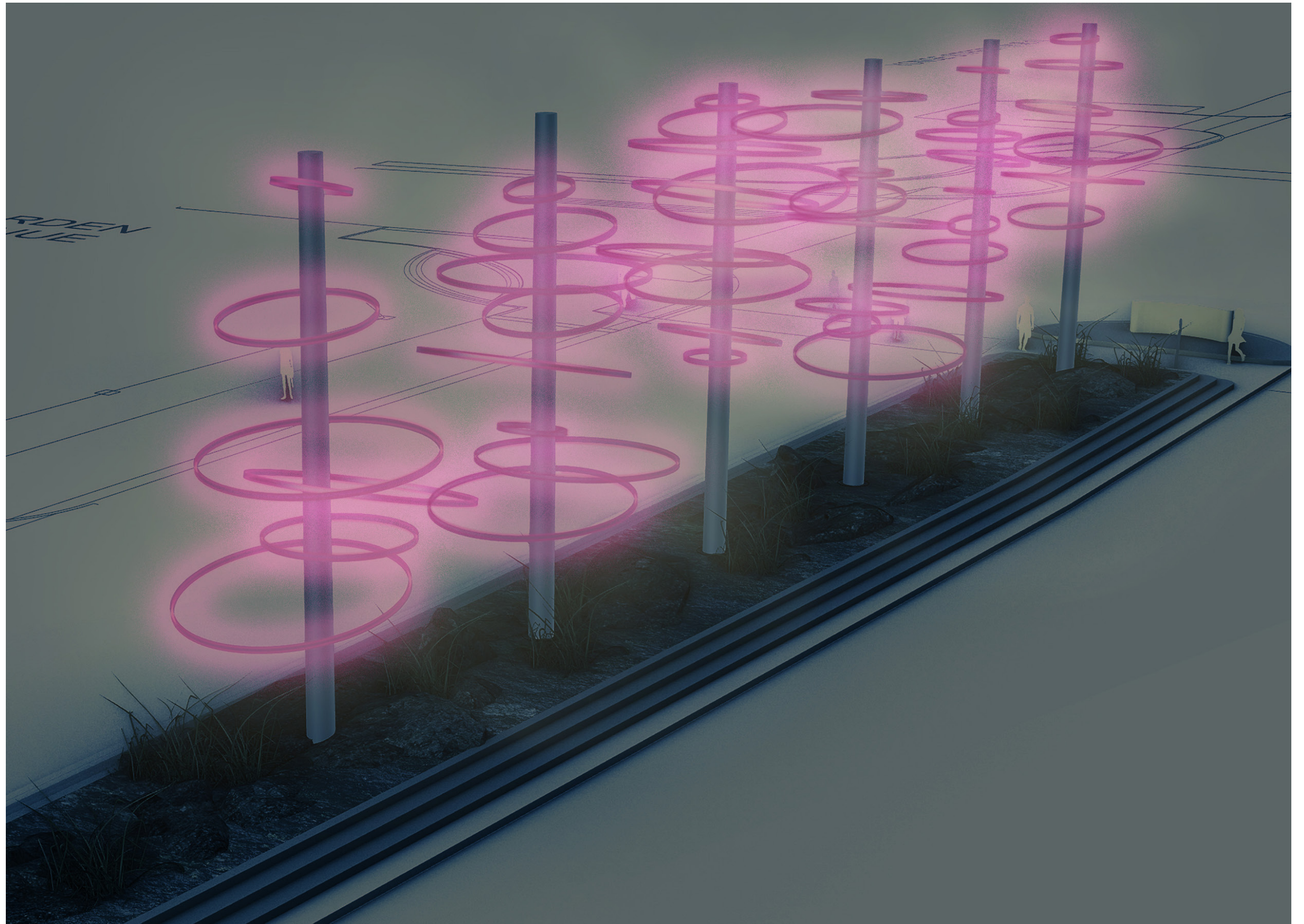




# OPTION 02

LIGHTING CONCEPT





May 9, 2019

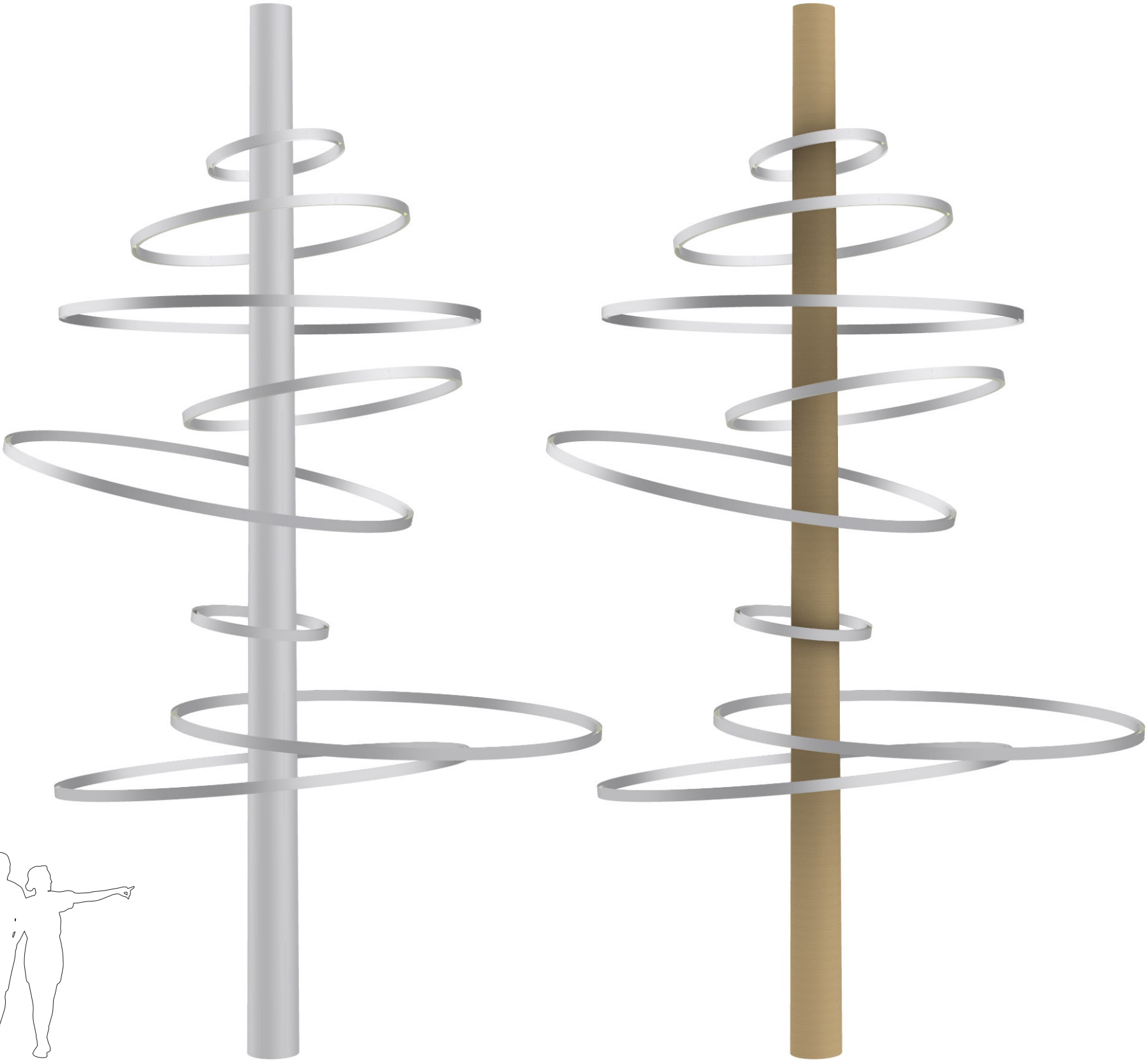
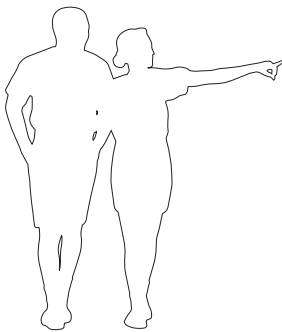
# OPTION 02

LIGHTING CONCEPT

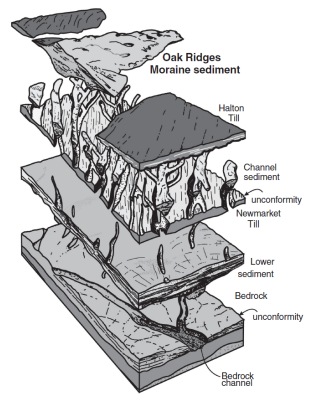
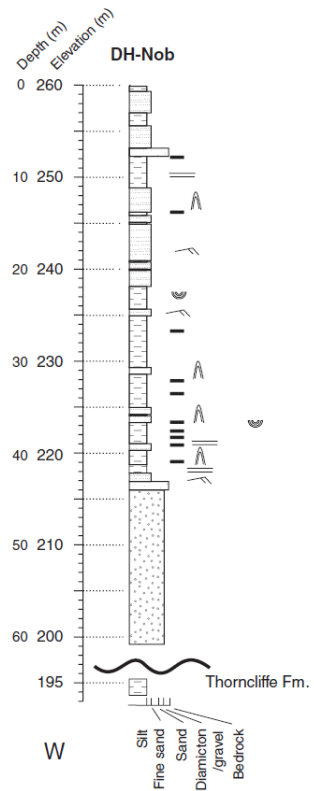
STUDIO **tla**  
Yonge St + Garden Ave Gateway Feature



DISCUSSION	
SUMMARY	<ul style="list-style-type: none"> <li>» stainless steel or wooden support post</li> <li>» wood can potentially be sourced from hydro pole to reduce costs</li> <li>» stainless steel lights are durable and long lasting</li> <li>» easy to maintain lights as they are separate from pole and easily accessible</li> <li>» anodized aluminum could be used for lights to keep weight down</li> <li>» “channeled” lights can be directed towards the pole and away from traffic</li> <li>» stainless steel pole can house electrical internally</li> </ul>
CONS	<ul style="list-style-type: none"> <li>» hydro pole might need more rigorous foundation attachment</li> <li>» wood requires maintenance</li> <li>» anodizing gives way to corrosion</li> <li>» wood pole requires electrical to be fastened on the outside</li> <li>» wood pole requires special bracketing for attaching the rings</li> </ul>







10 meters high

light

coarse sand

diamicton sediment

bedrock

SECTION

.25 meters

.7 meters

material seam for fabrication

.2 meters

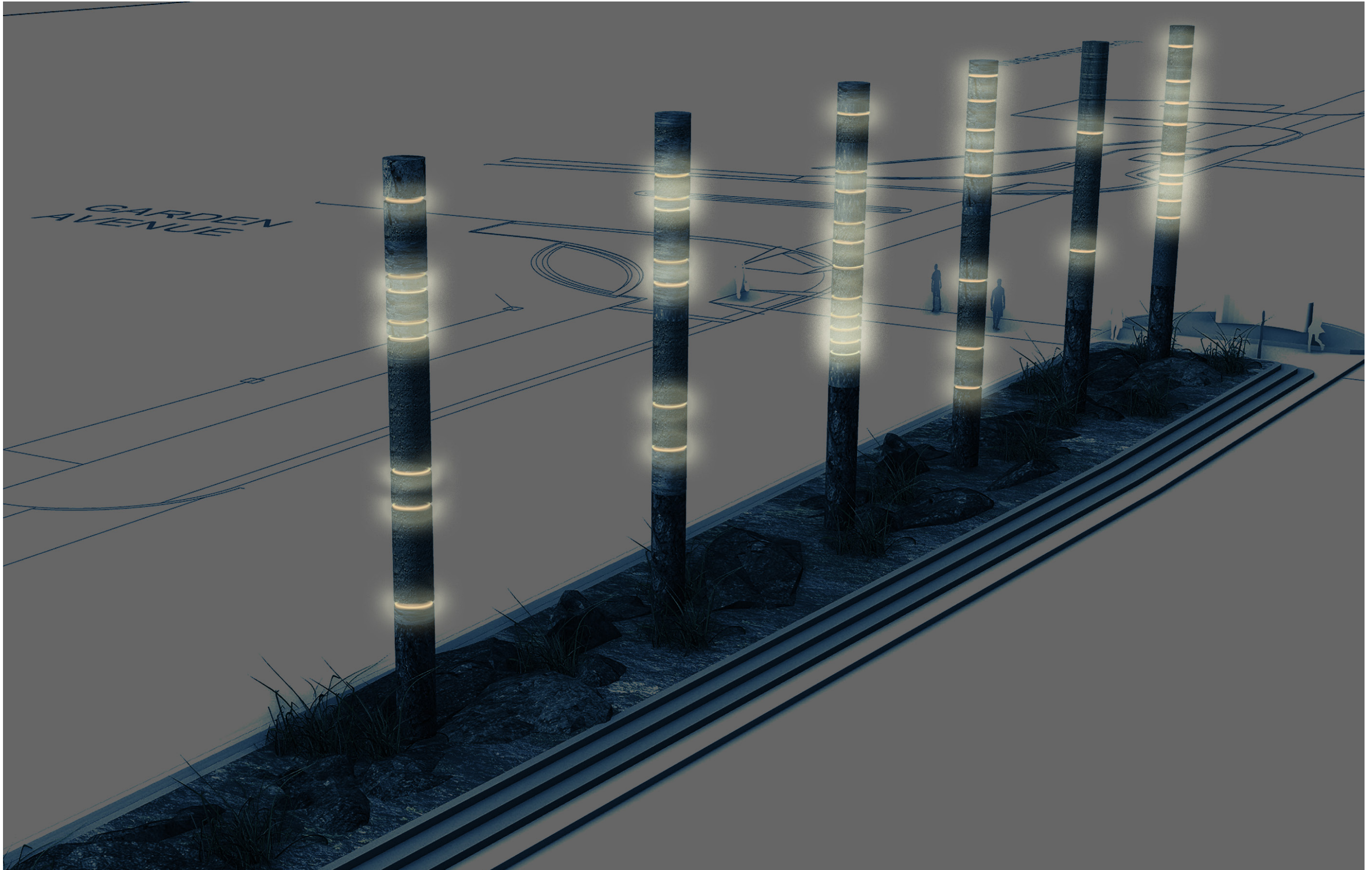
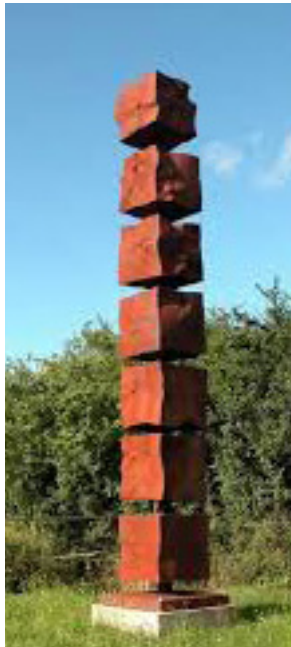
OPTION 03





# OPTION 03

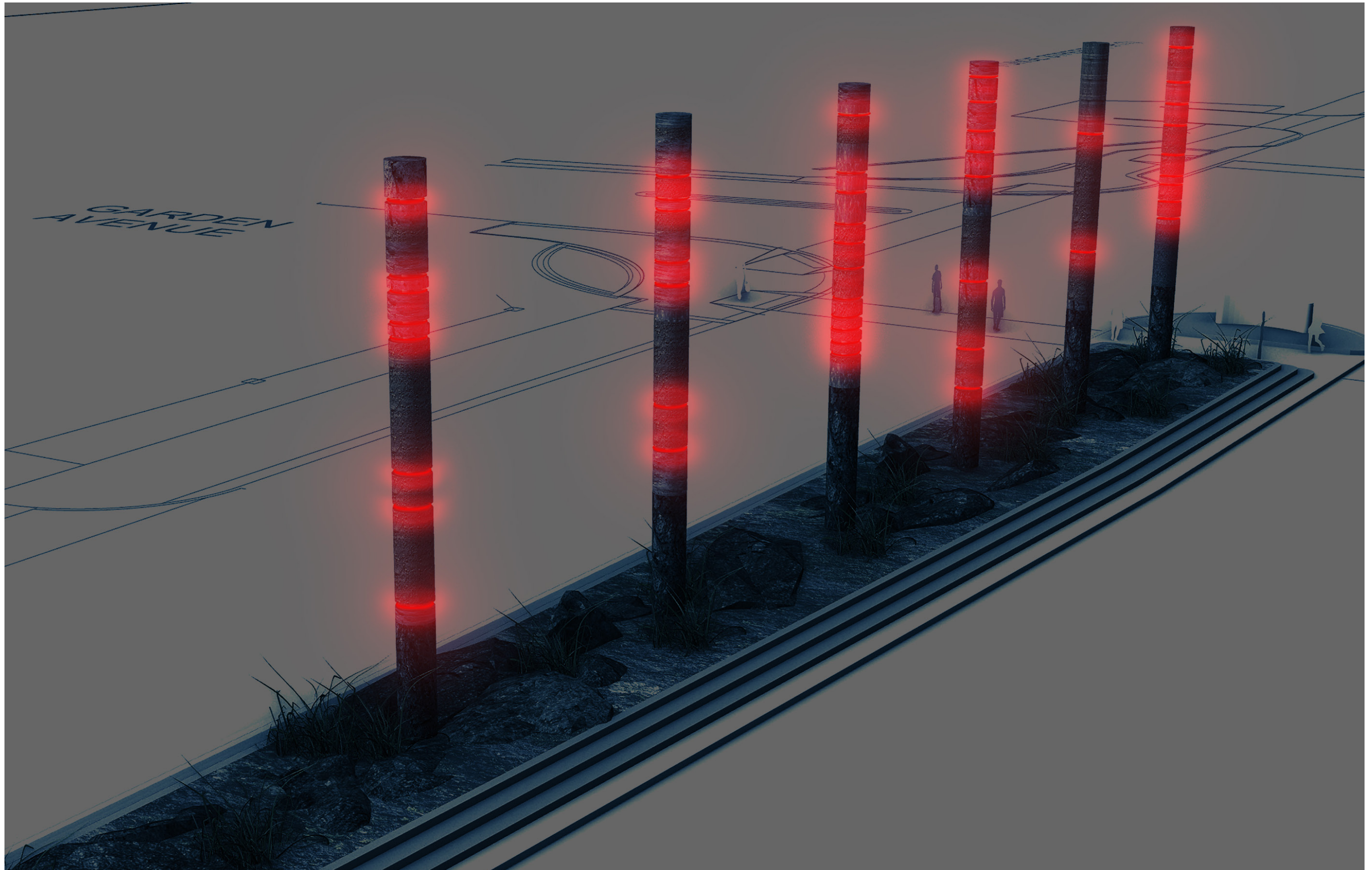




# OPTION 03

LIGHTING CONCEPT





May 9, 2019

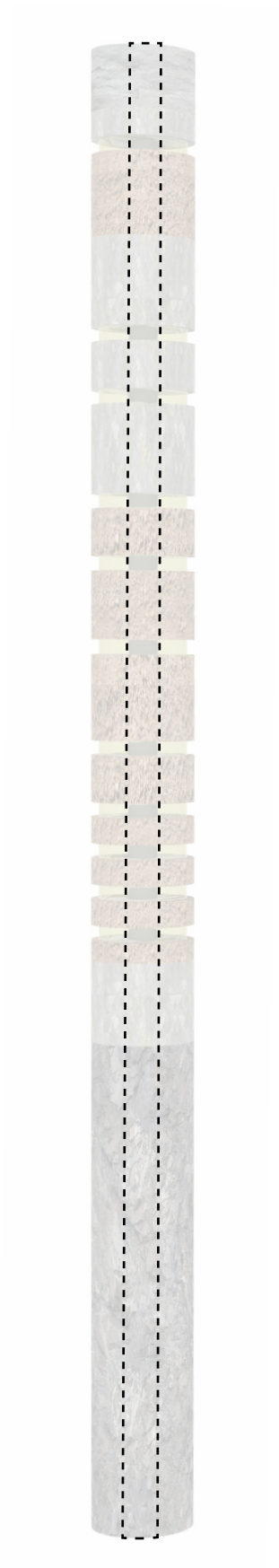
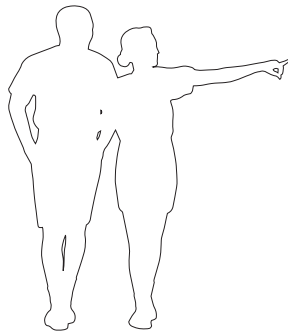
# OPTION 03

LIGHTING CONCEPT

STUDIO **tla**  
Yonge St + Garden Ave Gateway Feature



DISCUSSION	
SUMMARY	<ul style="list-style-type: none"> <li>» stainless steel 304 structure is more cost effective</li> <li>» molds created to depict different surfaces. Molds to be retained by City for future maintenance</li> <li>» molds stacked on structure</li> <li>» lighting internally run through structure</li> <li>» use of synthetic materials that represent real material would be more economical</li> </ul>
CONS	<ul style="list-style-type: none"> <li>» may have more elements involved and will include research and prototyping</li> </ul>



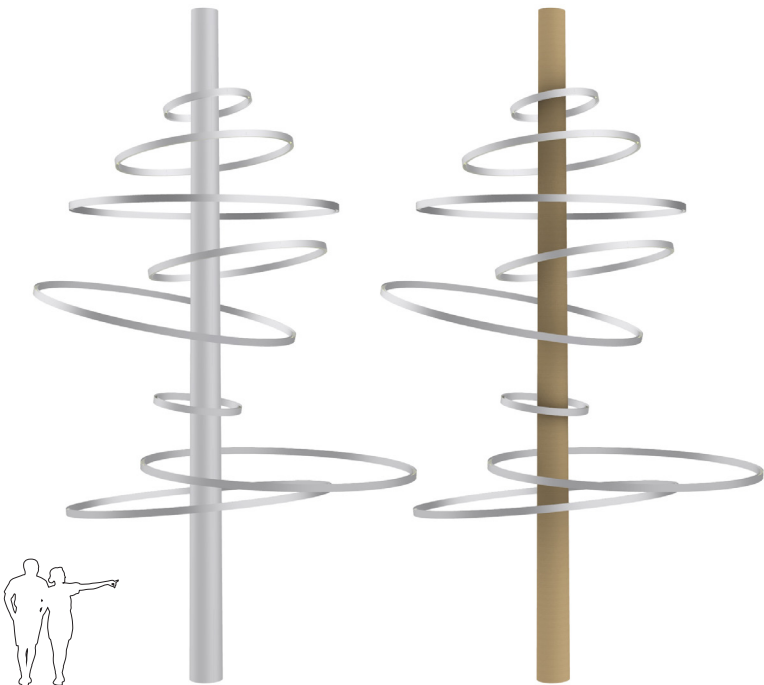
# OPTION 03

SUMMARY



- SUMMARY
- » stainless steel or wooden support post
  - » wood can potentially be sourced from hydro pole to reduce costs
  - » stainless steel lights are durable and long lasting
  - » easy to maintain lights as they are separate from pole and easily accessible
  - » anodized aluminum could be used for lights to keep weight down
  - » “channeled” lights can be directed towards the pole and away from traffic
  - » stainless steel pole can house electrical internally

- CONS
- » hydro pole might need more rigorous foundation attachment
  - » wood requires continued maintenance
  - » anodizing gives way to corrosion
  - » wood pole requires electrical to be fastened on the outside
  - » wood pole requires special bracketing for attaching the rings



- SUMMARY
- » stainless steel 316 non directional finish is durable and requires minimal maintenance
  - » stainless steel is light weight and easy to install
  - » rose cut outs provide interesting shadowing day and night
  - » gabions can be prefilled or stacked on site
  - » locally sourced stone representing Oak Ridges Moraine
  - » copper patina applied as veneer to the surface of stainless steel 304
  - » copper patina resists rust and has minimal maintenance requirements
  - » both material options are similar in price

- CONS
- » hydro pole might need more rigorous foundation attachment
  - » wood requires continued maintenance
  - » anodizing gives way to corrosion
  - » wood pole requires electrical to be fastened on the outside
  - » wood pole requires special bracketing for attaching the rings



- SUMMARY
- » stainless steel 304 structure is more cost effective
  - » moulds created to depict different surfaces. Moulds to be retained by City for future maintenance
  - » moulds stacked on structure
  - » lighting internally run through structure
  - » use of synthetic materials that represent real material would be more economical

- CONS
- » may have more elements involved and will include research and prototyping
  - » most expensive option

