

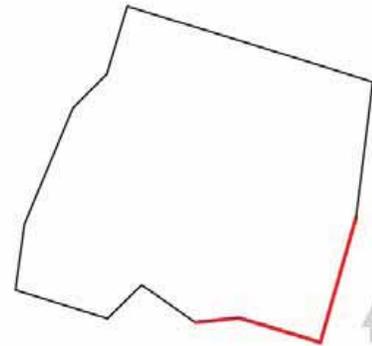
Substation Art Wall – Design Development Phase

Design Development focuses on three goals:

1. Build on the work proposed in the Schematic Design phase, to fix and describe in greater detail the size and character of the entire project.
2. Coordinate efforts of designers, engineers, consultants and stakeholders to facilitate a comprehensive understanding of the project.
3. Research potential materials, means and methods should the need for alternatives arise.

The design drivers as stated in Schematic Design:

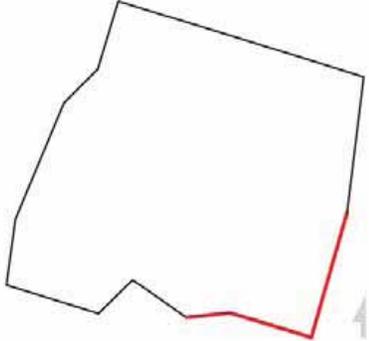
1. The Seaholm substation site is multifaceted; the design engages the context in different ways at different scales
2. The design focuses on negotiating the line between art and architecture.
3. The design uses conventional materials in unconventional ways with a strong effort toward renewable, local sourced and green elements.
4. The design is, at its heart, an urban proposal. It is intended to engage the public perceptually, experientially and functionally, participating in a dialog with its surrounding contexts.
5. The design must adhere to the requirements set forth by Austin Energy



Substation Art Wall



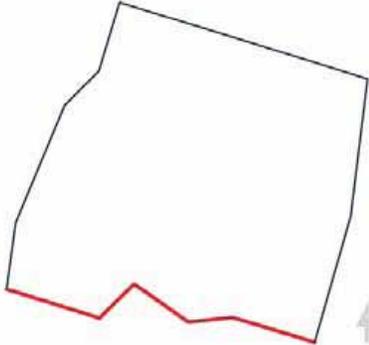
View of southeast corner of site at Shoal Creek and planned 2nd Street Bridge
The silhouette and material of the wall activate the design at varying scales.



Substation Art Wall



View of south wall at planned 2nd Street extension across from new Central Library
The masonry of the south wall opens up to allow for glimpses inside and through.

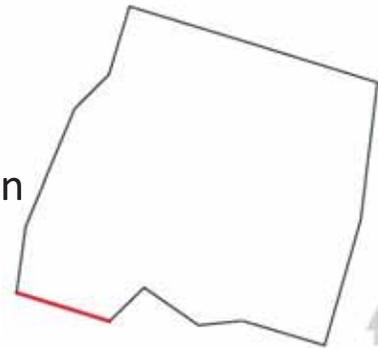


Substation Art Wall



Detail view of south wall canopy and bench at West Avenue and 2nd Street intersection

Wood is proposed at seating areas as a tactile shift at the public interface

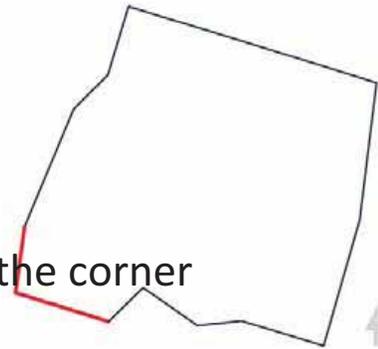


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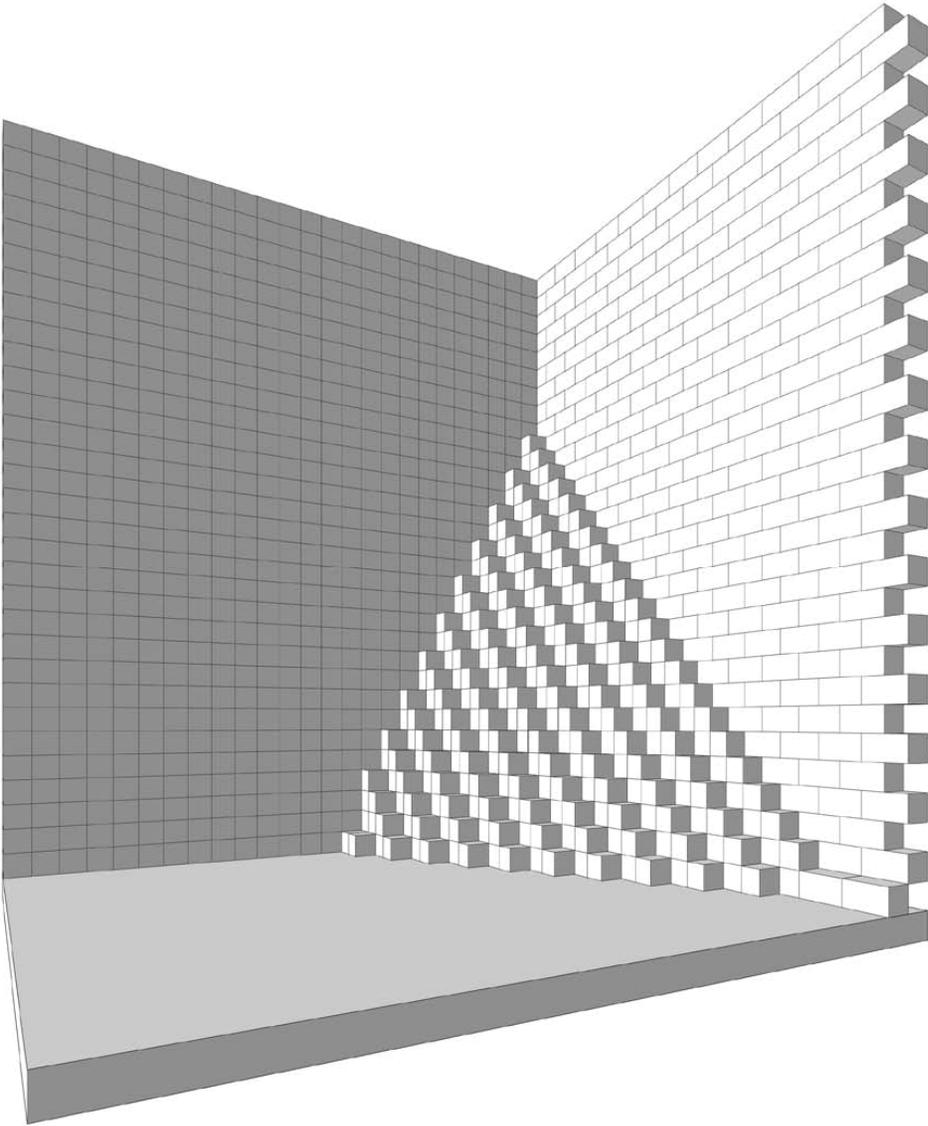
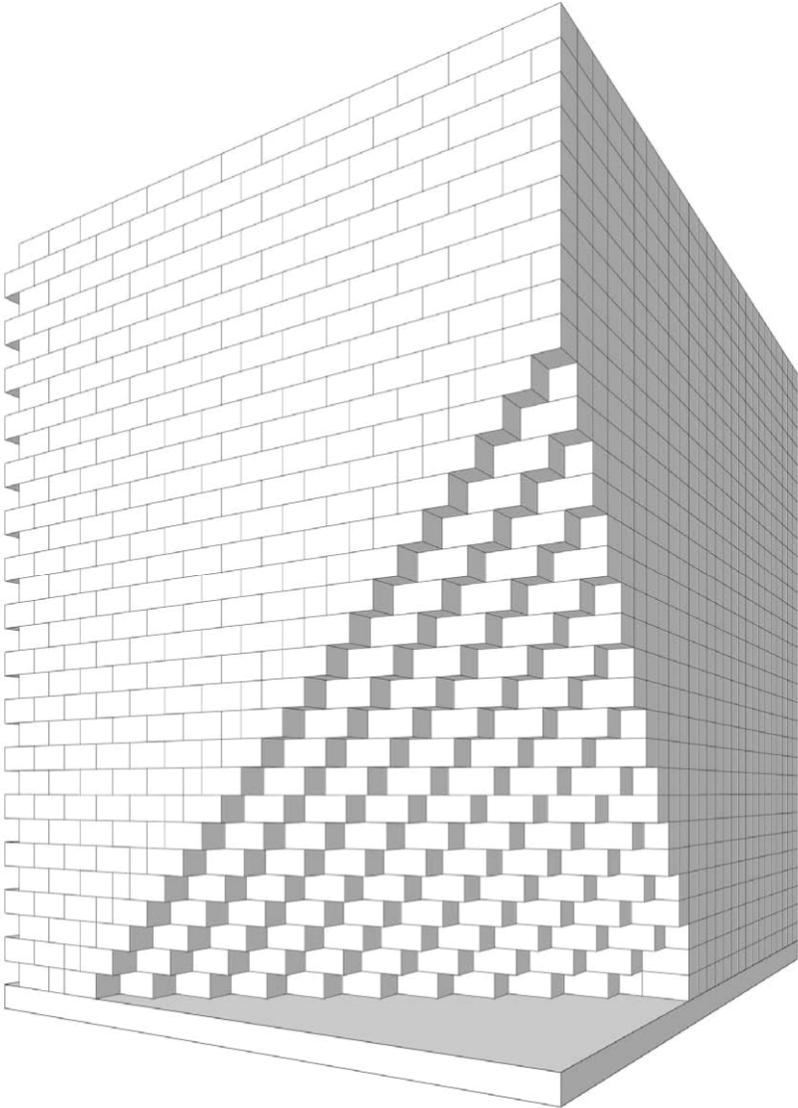


View of wall at planned 2nd Street and West Avenue intersection.

Corbelled corners, a traditional masonry construction, creates a smooth transition at the corner

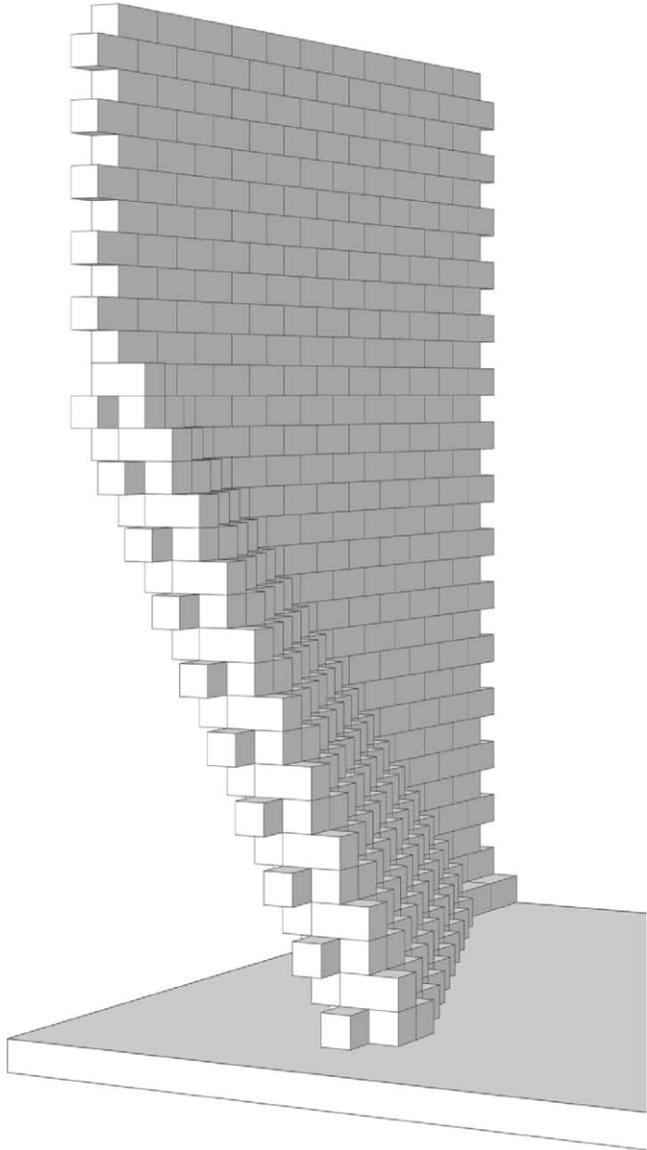
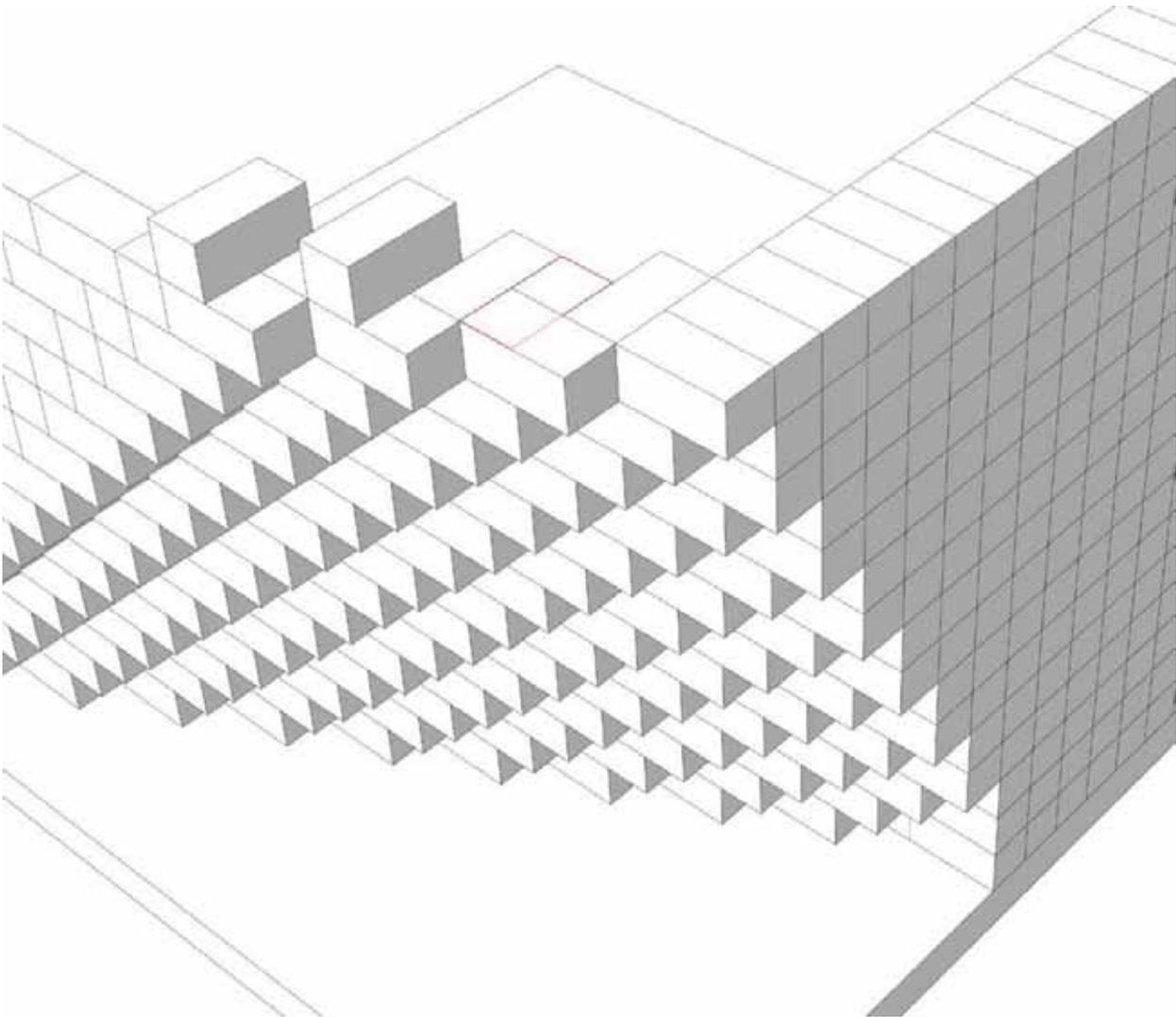


Substation Art Wall



Corbelling construction and material detail

Substation Art Wall



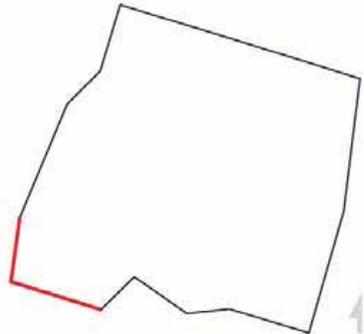
Corbelling construction and material detail

Substation Art Wall

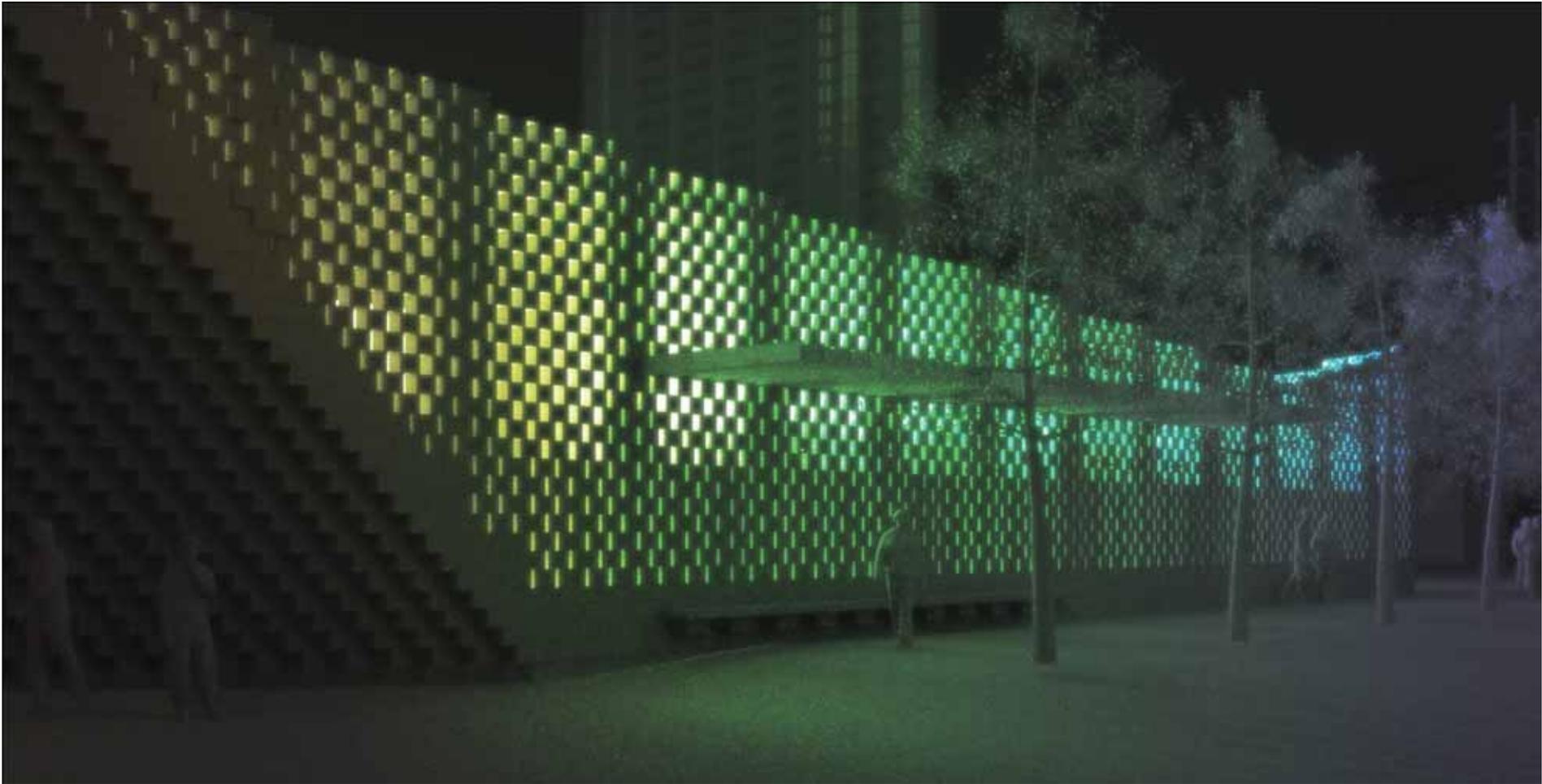


View of masonry wall and mesh panel wall connection on West Avenue.

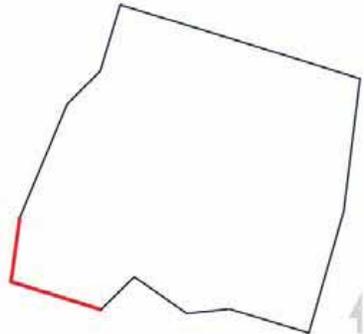
The metal panel wall slides behind the more textured masonry wall



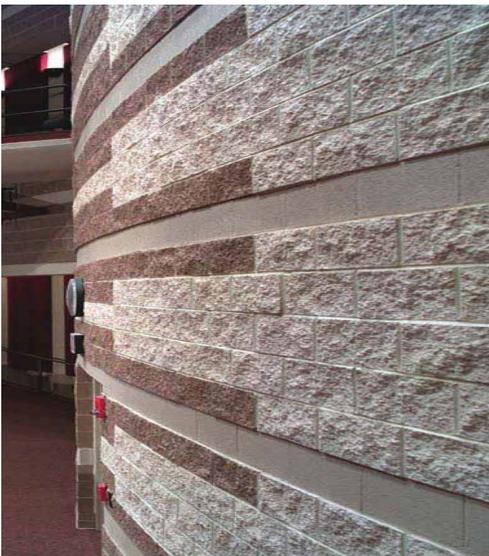
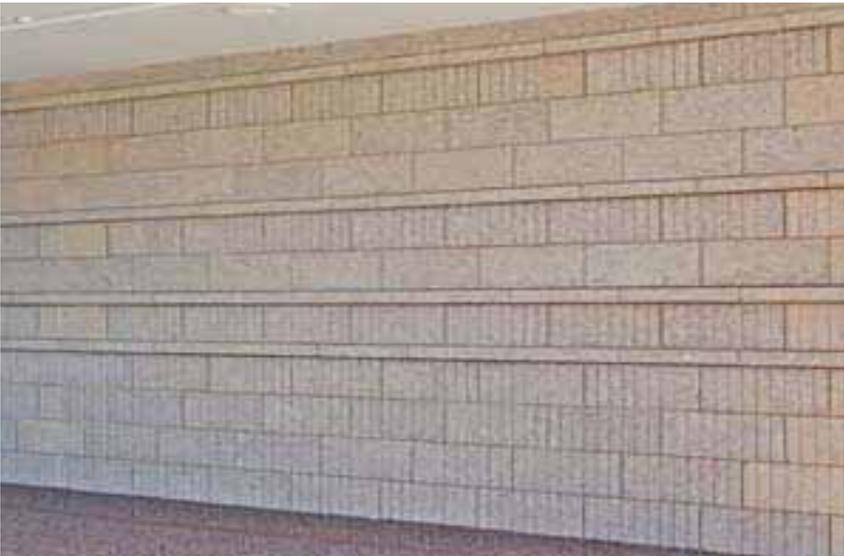
Substation Art Wall



Night view at 2nd Street and West Avenue intersection across from Seaholm Power

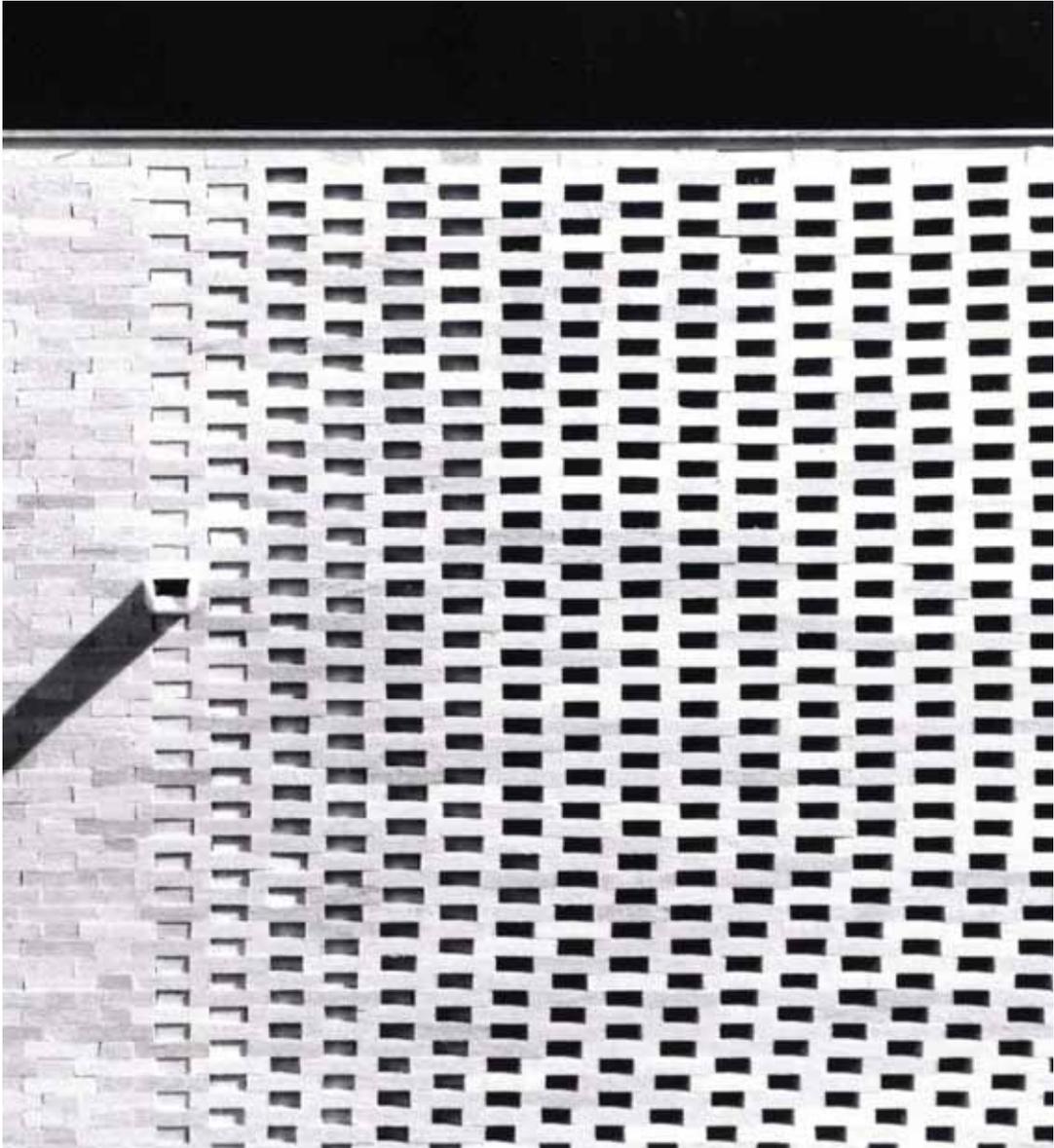


Substation Art Wall



South wall material options. Color, texture, coursing and sizes are being developed.

Substation Art Wall



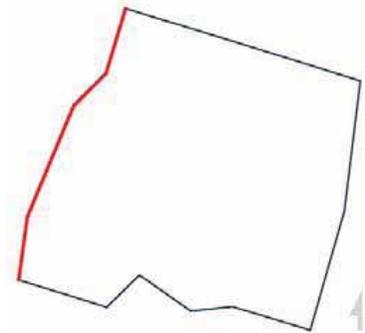
South wall material study.

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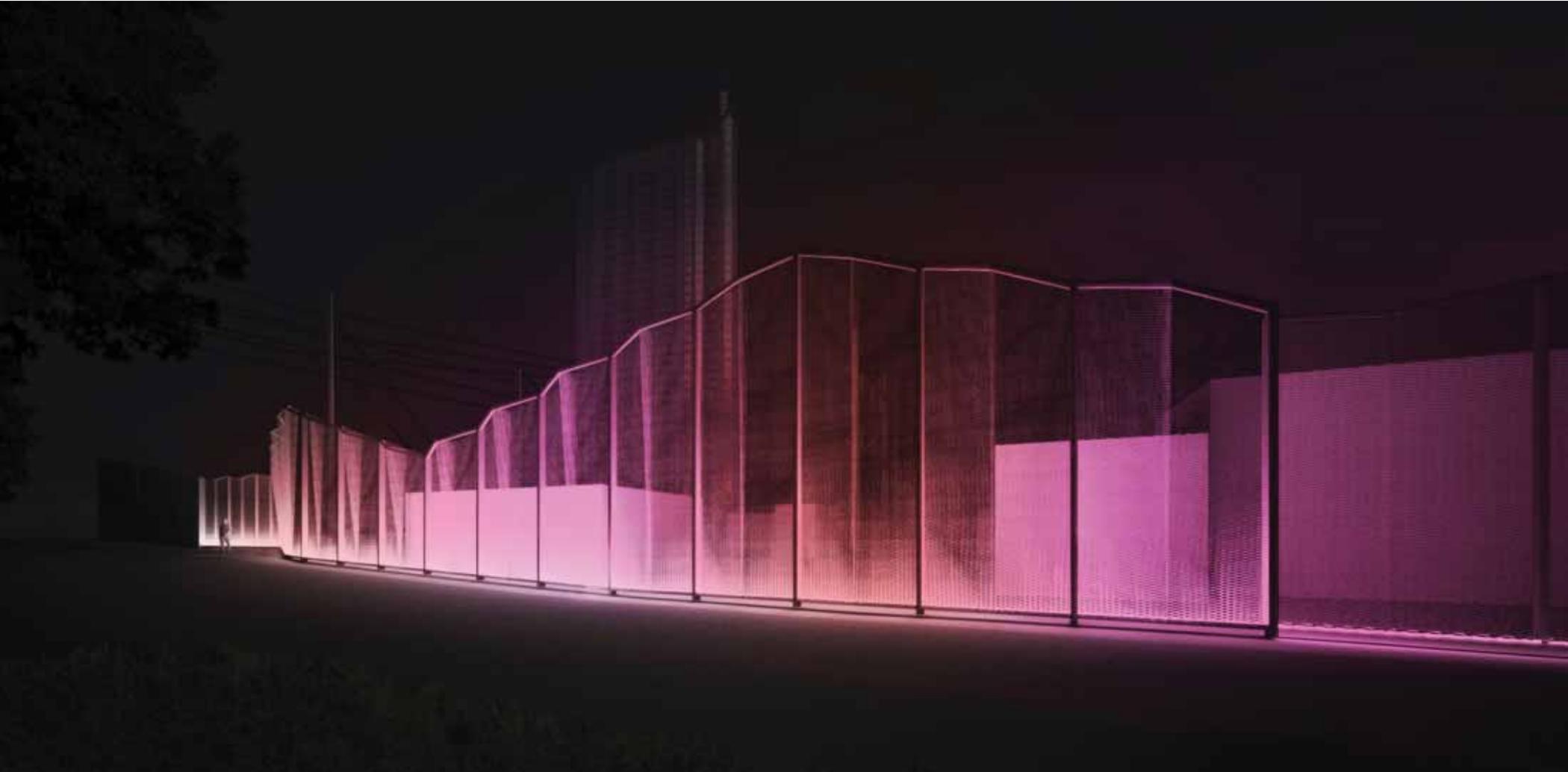


West Wall at planned West Avenue Extension, across the street from Seaholm Development.

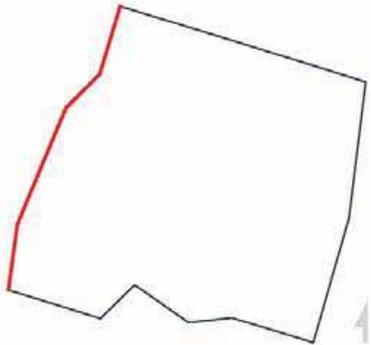
Metal mesh panels allow for glimpses inside while the profile extends the continuous silhouette wrapping the site.



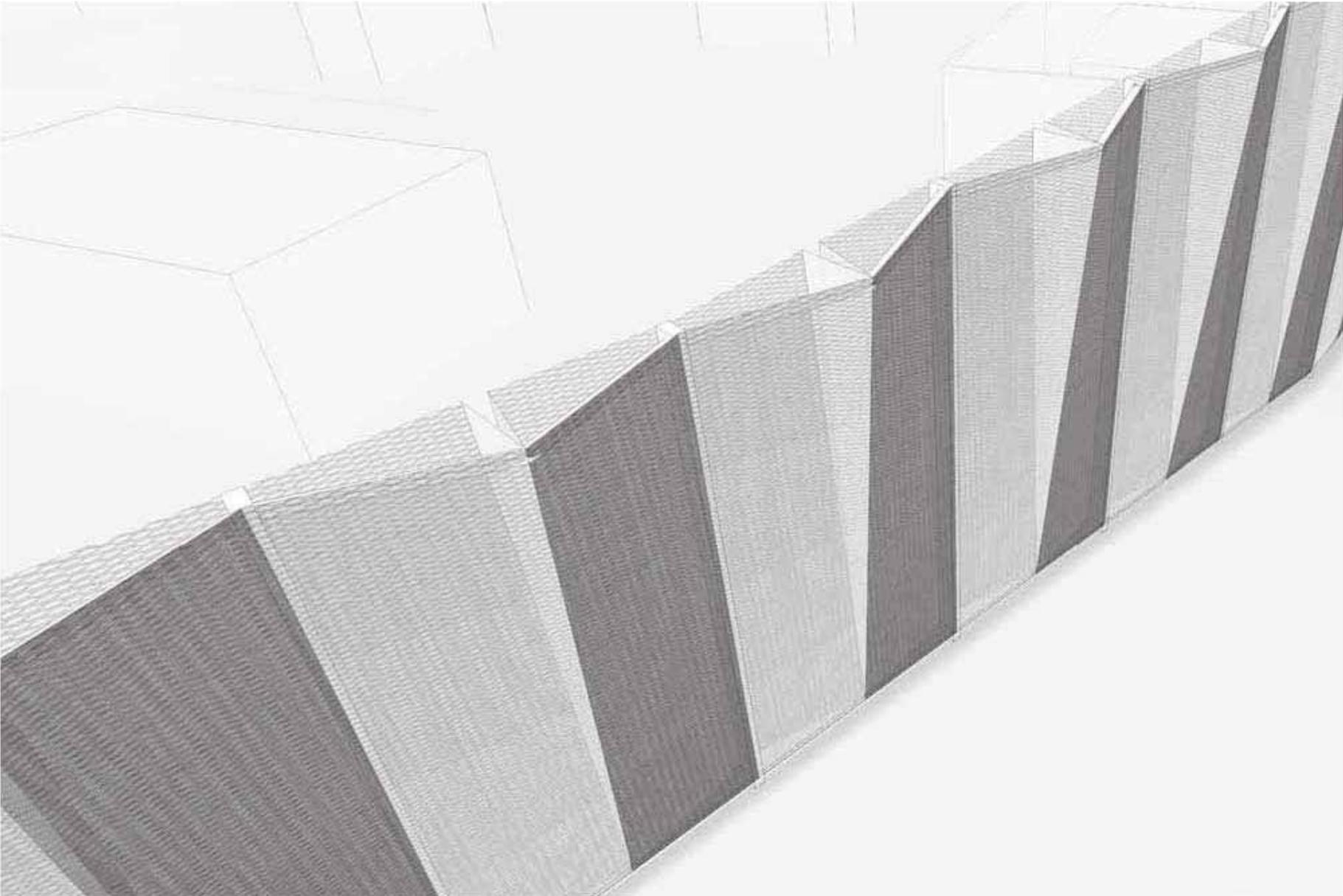
Substation Art Wall



Night view from planned West Avenue extension across from Seaholm Development.



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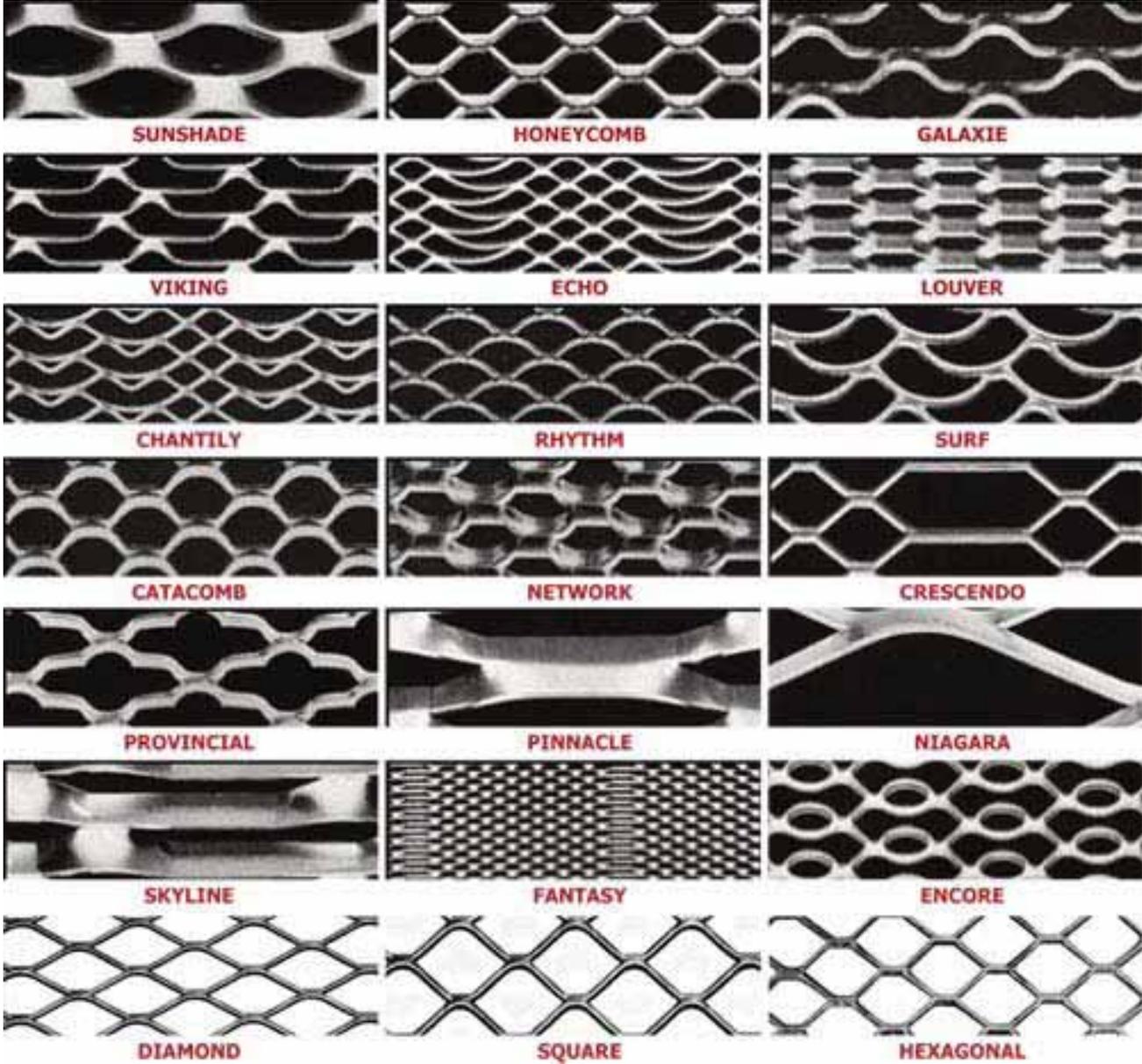
Detail of West Wall depicting pleating concept.

Substation Art Wall
anodized metal mesh



Metal mesh material precedent

Substation Art Wall



Metal mesh pattern options indicating the potential of patterns, textures and transparency.

Substation Art Wall
anodized metal mesh



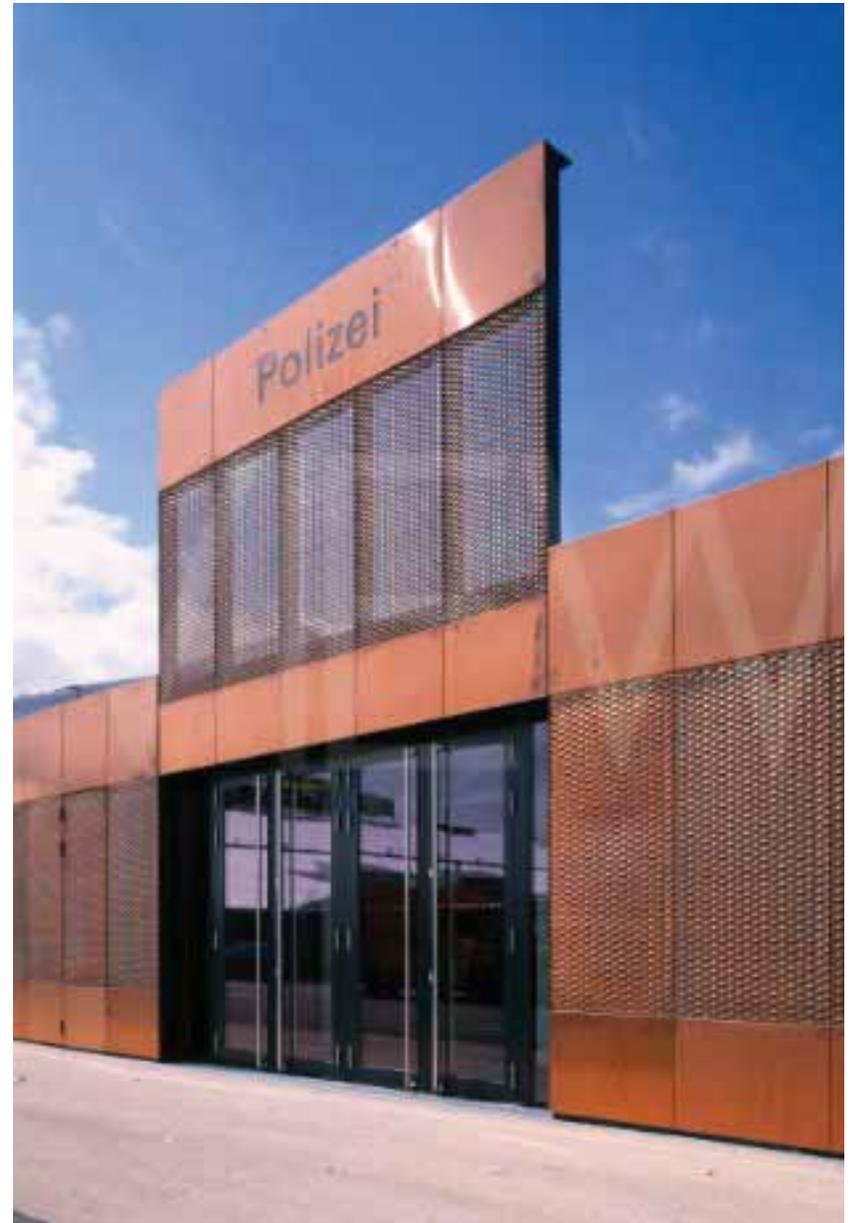
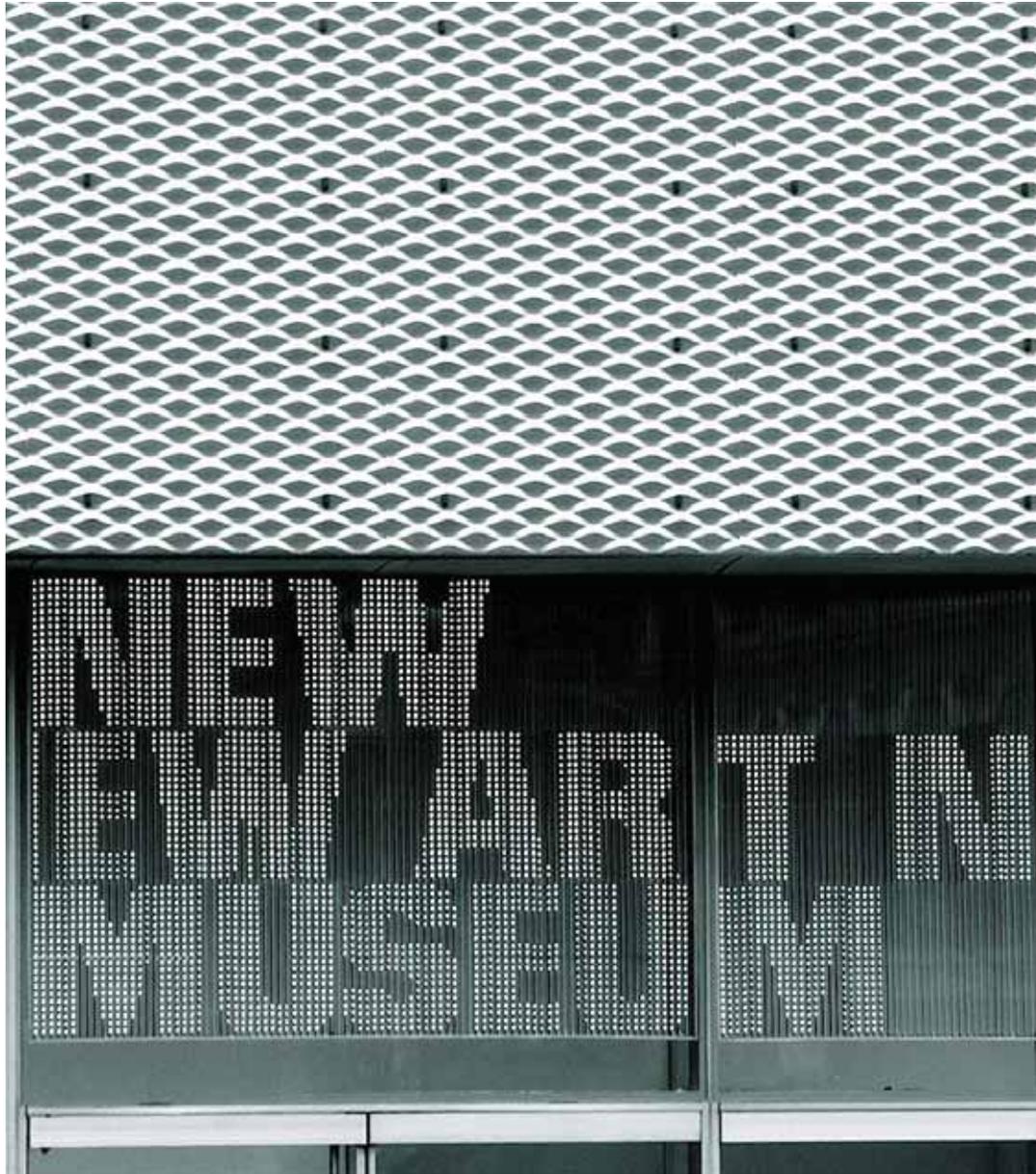
Metal mesh color options

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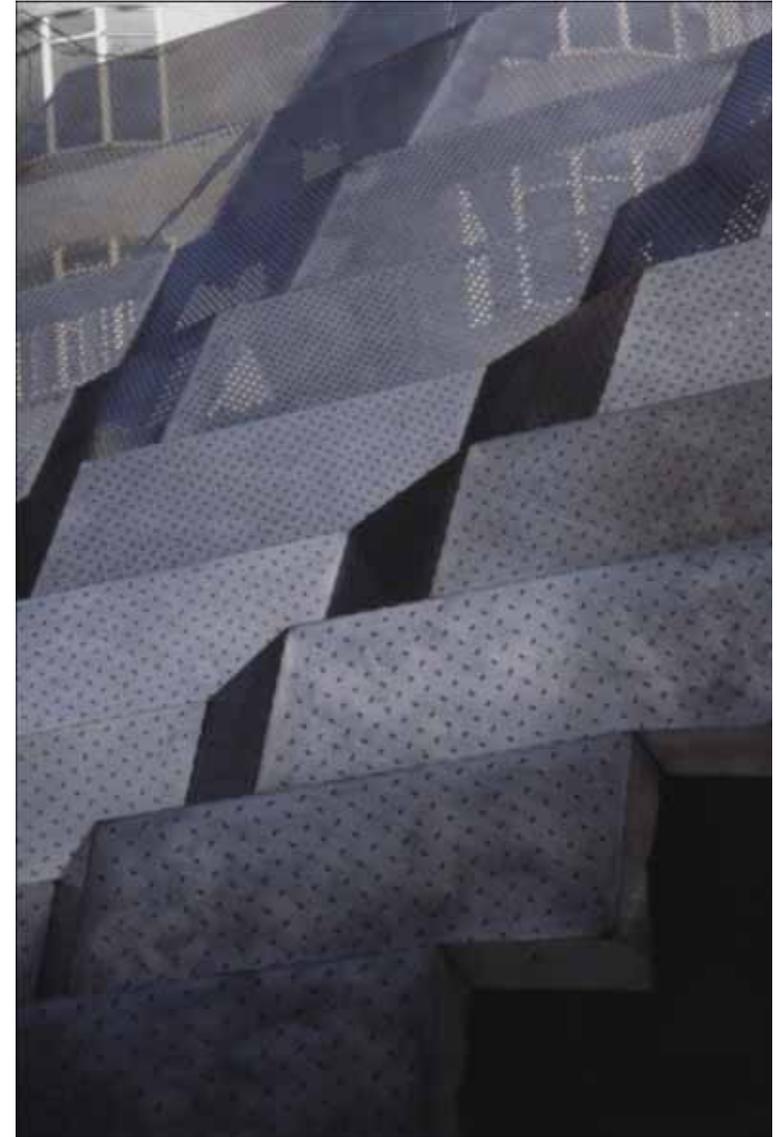
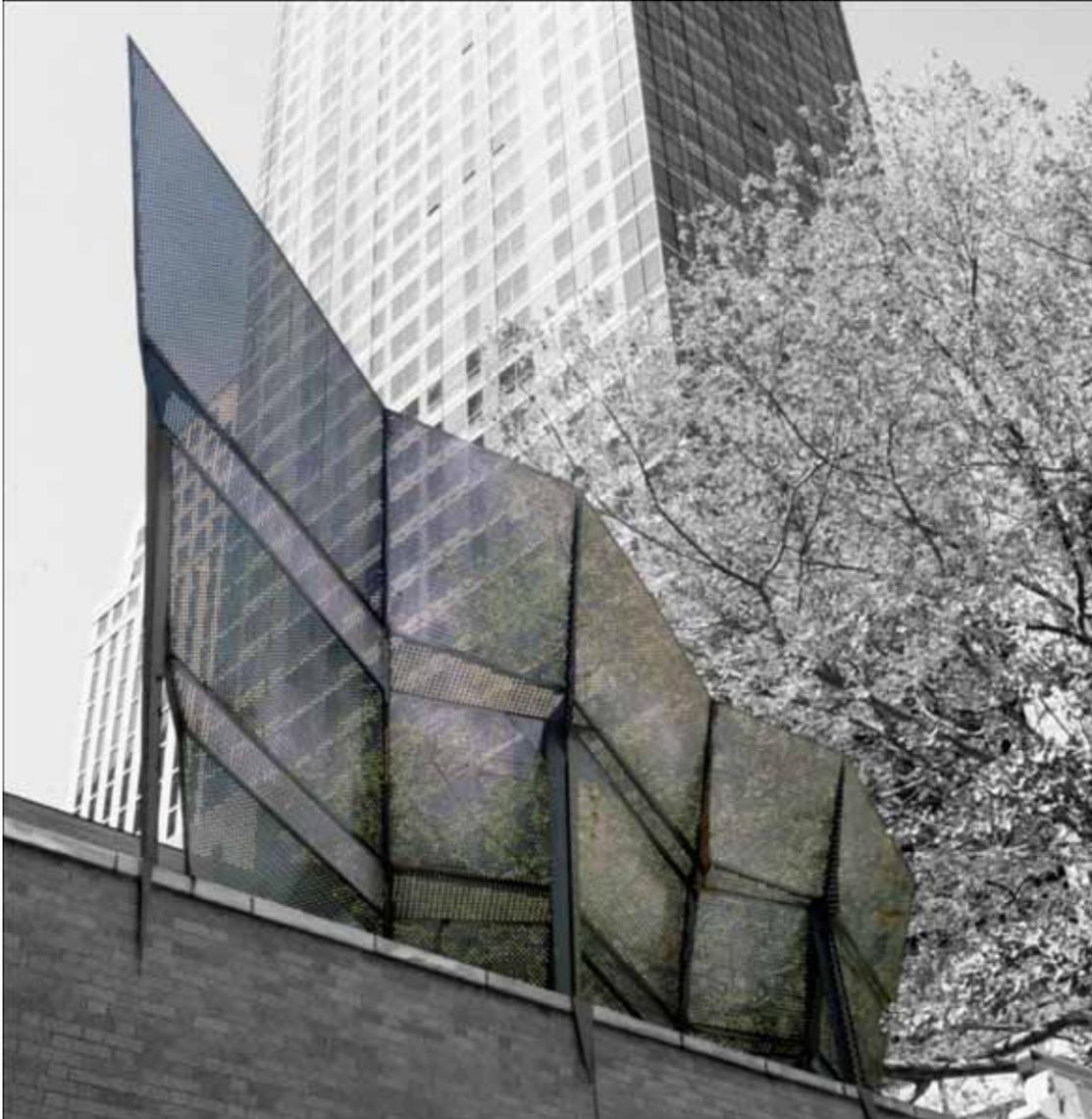
Metal mesh material precedent

Substation Art Wall



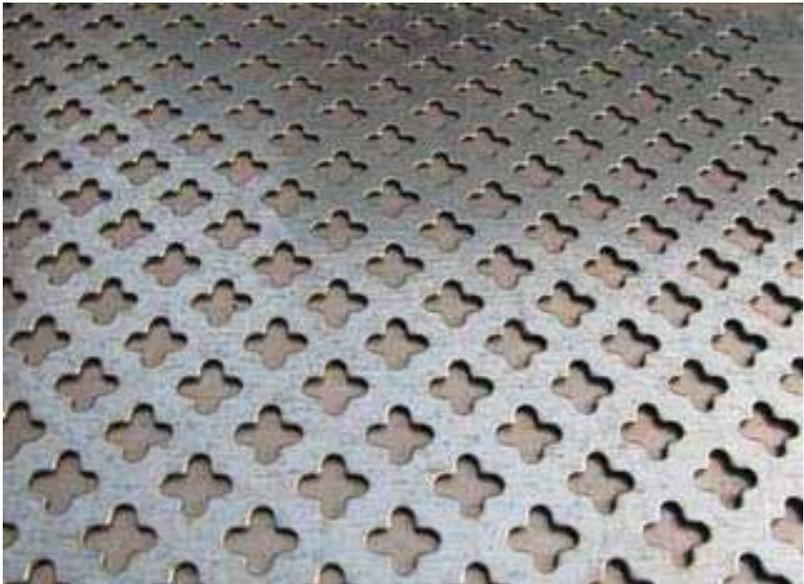
Metal mesh material precedent

Substation Art Wall text



Perforated metal screen precedent being studied as an option to metal mesh.

Substation Art Wall
text



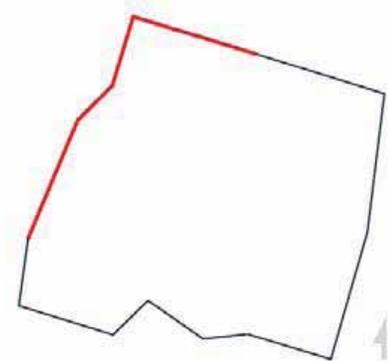
Perforated metal screen option indicating pattern and transparency variations.

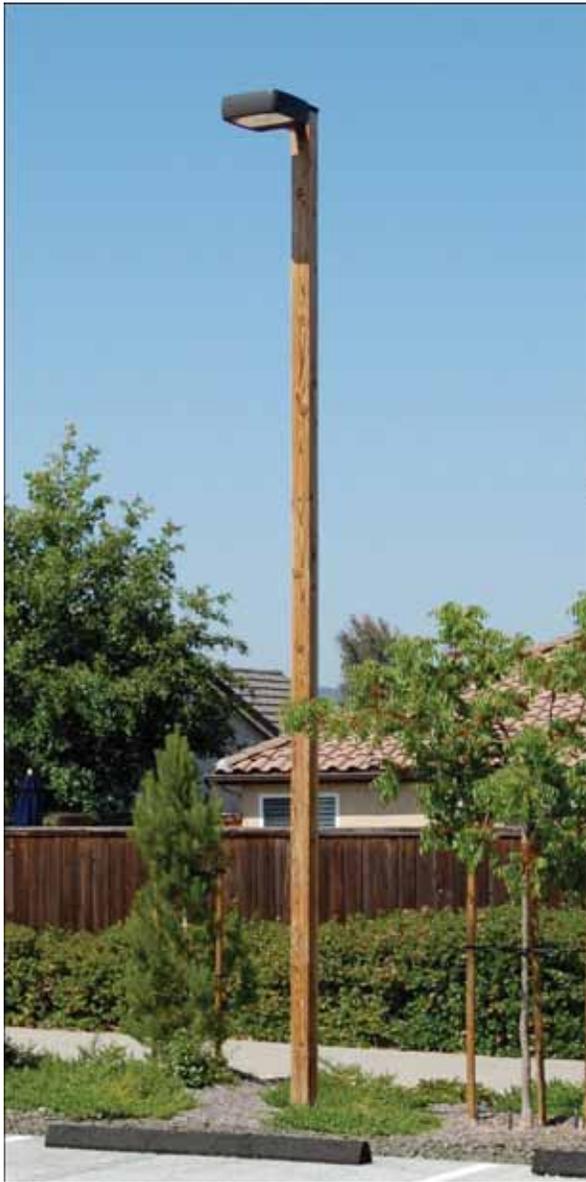
Substation Art Wall



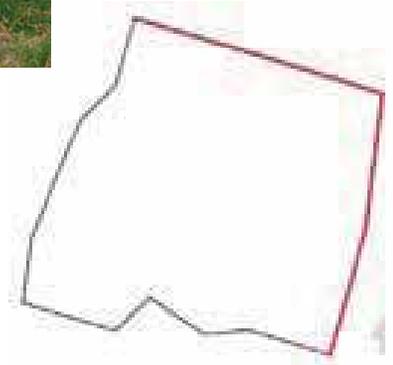
View of northwest corner at planned West Avenue extension and 3rd Street.

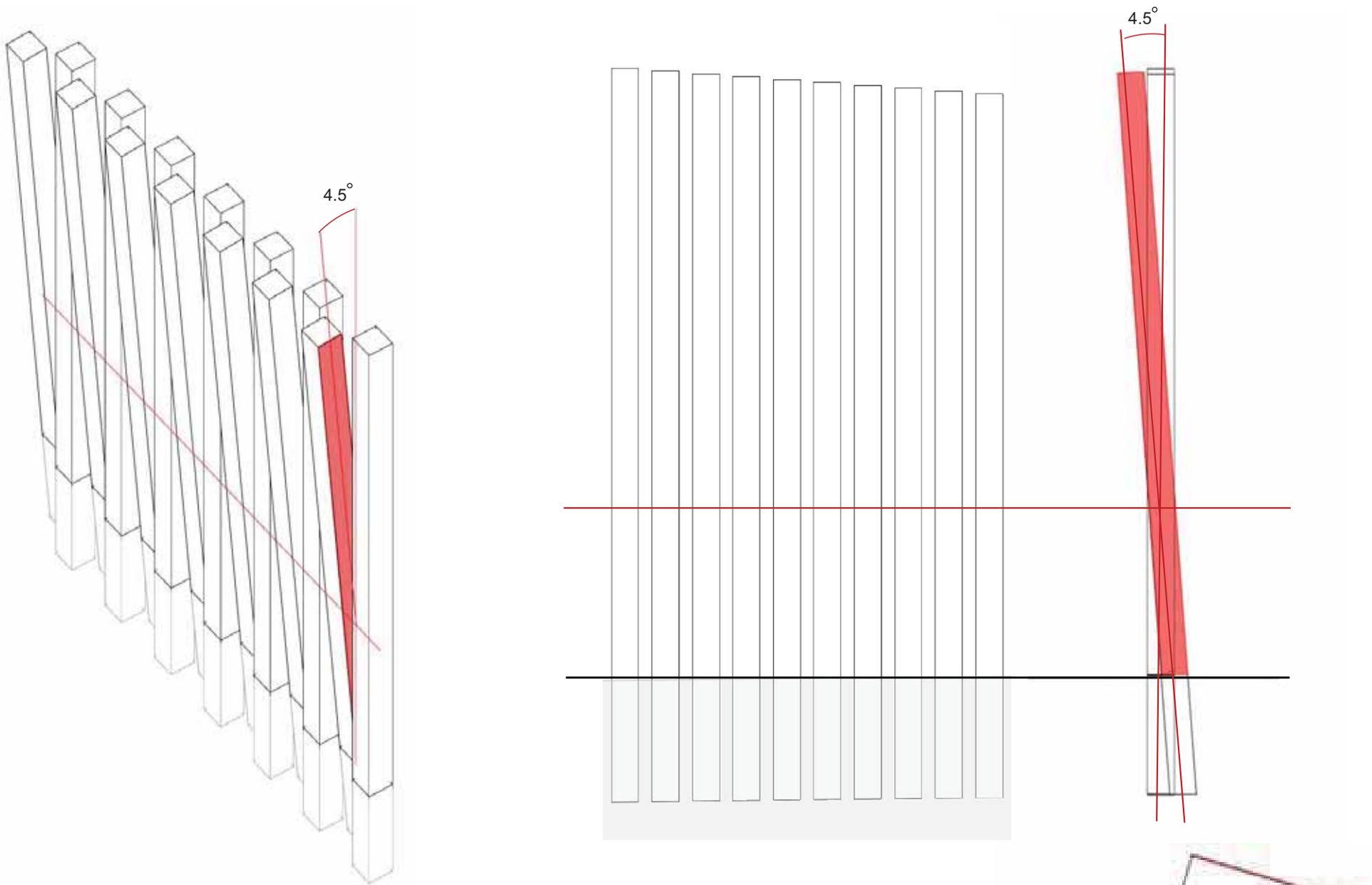
Wood columns are proposed, referring to the train trestle across Shoal Creek and a deeper history of the site.





Wood column material precedents





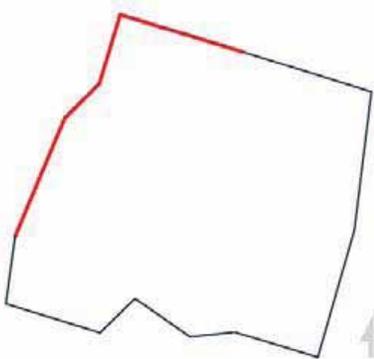
Detail of column configuration. The columns have an alternating rhythm creating visual interest and a moire effect over the length of the wall.



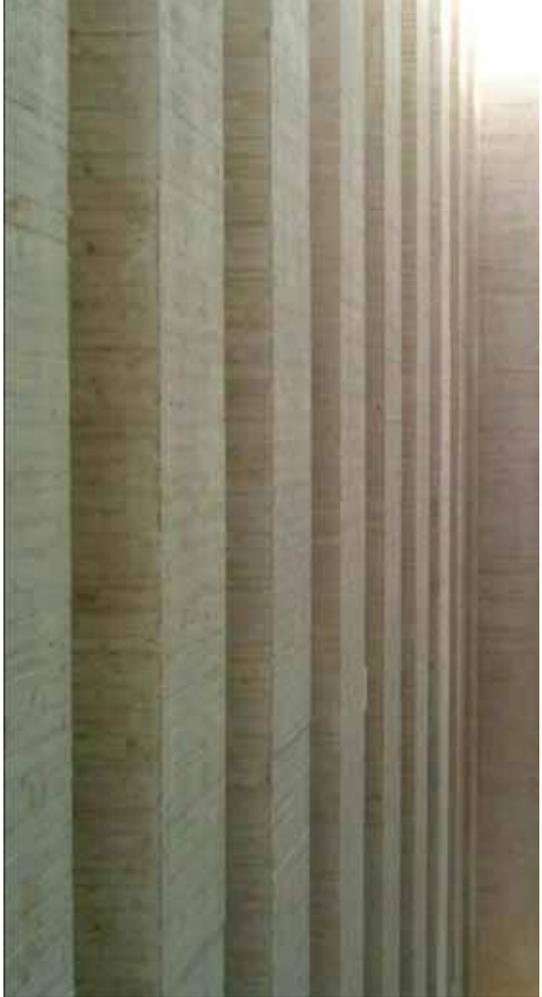
Substation Art Wall



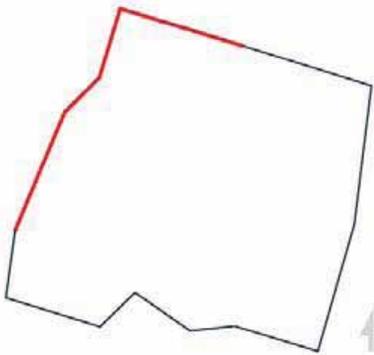
Detail view of northwest corner at planned West Avenue extension and 3rd Street with a canopy and bench similar to the south side.



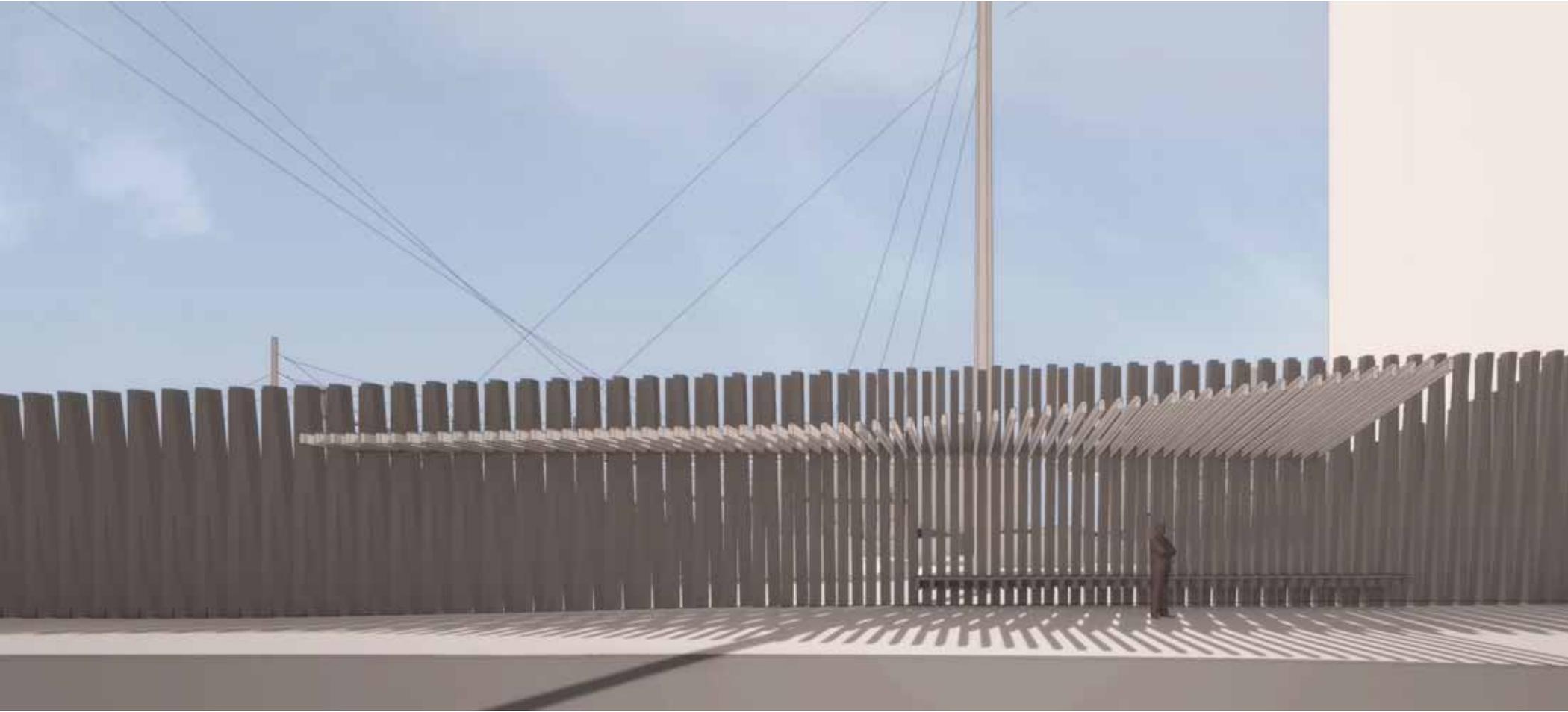
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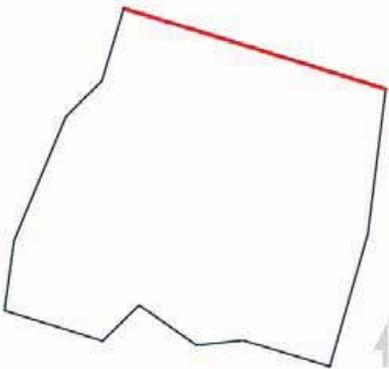
Board formed concrete column option being researched.



Substation Art Wall



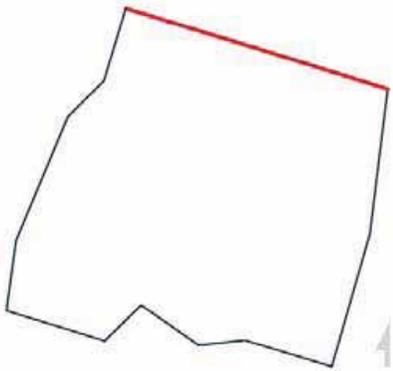
View of north wall at 3rd Street showing canopy, bench and the pattern of the wall.



Substation Art Wall



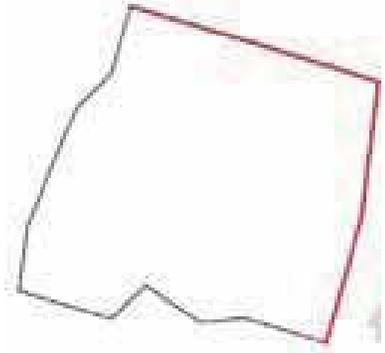
View of north wall at 3rd Street at night



Substation Art Wall



View of northeast corner at 3rd Street and Shoal Creek indicating the wood columns wrapping the corner. And heading down the east side along Shoal Creek. This image indicates a potential configuration of the north side still under consideration.



Substation Art Wall

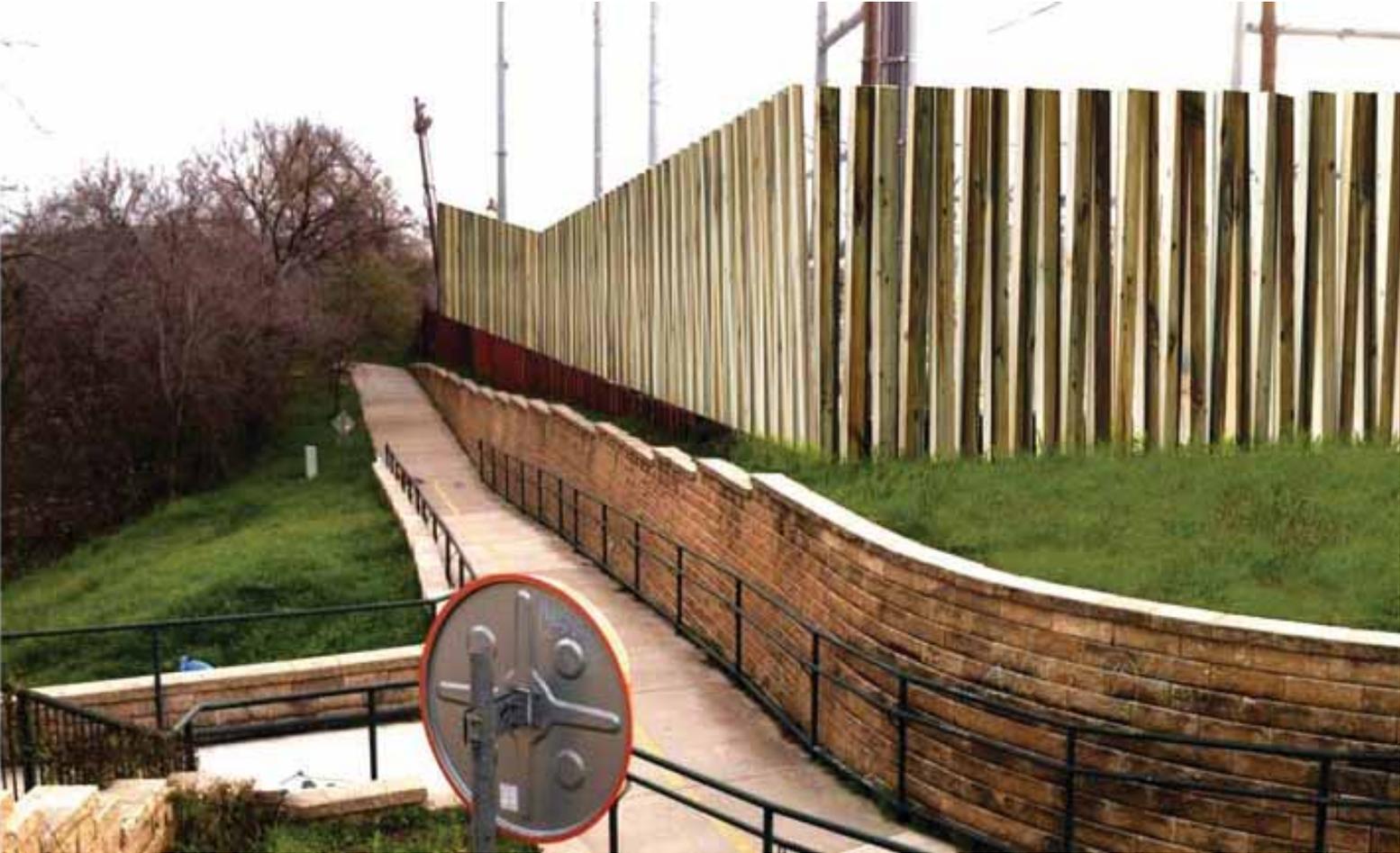
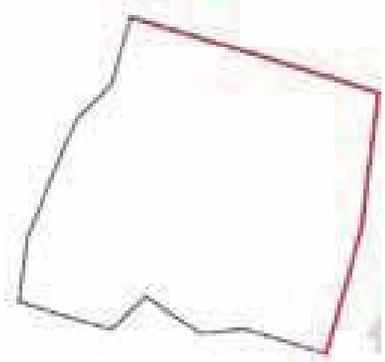


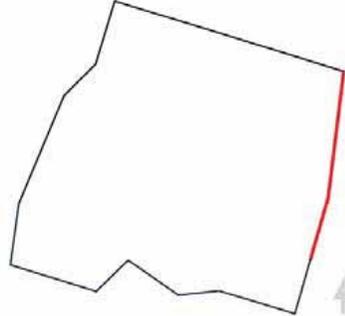
Photo montage view of northeast corner at 3rd Street and Shoal Creek in its current state.



Substation Art Wall



View of east wall at Shoal Creek Trail indicating wood column wall on top of existing retaining wall with shrubs and planting at its bases.



Substation Art Wall



View of east wall option at Shoal Creek Trail with wood wall in front of the existing retaining wall. This option requires further study and coordination.

