

NORTH TRANSFER STATION Seattle Design Commission 90 % Design Presentation



February 7, 2014

View west along 34th / November 2013



North Transfer Station Design Constraints

Category	Types of Constraints	SDC Interests Impacted	Result of Constraint
EIS Building Codes Regulatory Agencies Reviewing Authorities	Building Code requirements Permit conditions Noise Ordinance limits Agency direction	Available planting palette. Elimination of street trees to open up viewing corridors.	Dept. of Ecology and King County Public Health have directed design to address vector control through plant selection and placement. Through the SIP permitting process, SDOT requires trees along roadways. Viable existing trees are not allowed to be removed, and any non-viable existing trees must be replaced.
Wallingford Community Council Agreement Fremont Neighborhood Council Agreement	Building setbacks Building height limitations Sound wall height and extent Park features and arrangement	Remove or reduce height of north sound wall. Modulate sound wall. Landscaping to match scale of neighborhood. Modulate height	Height and extent of sound wall stipulated by signed community agreement. Agreements stipulate sound wall setback and minimum buffer area that precludes modulation. Landscaping provisions in park reflect results of two years of developing preferences with the designated community representatives.
Functional and Operational Requirements	Minimum vehicle clearances Damage-resistant and low-maintenance building materials Design for vector control Staff and customer safety Crime Prevention Through Environmental Design (CPTED)	Expanded public space and visitor access/experience at station. Enhanced color, materials, and texture palettes.	Need to separate visitors from working areas, and maintain building security standards. Need unbreakable, un-climbable, washable surfaces that will accept anti-graffiti coating. Park planting and lighting decisions guided by CPTED Minimum height required for Security barrier.
Budget	Fixed construction cost budget Estimated cost already in excess of budget	Walls along N34th and N35th are too plain and monolithic. Expanded public space and visitor access/experience at station. Enhanced color, materials, and texture palettes. Artist integration into design.	Budget limits options for enhancement.

November 2013 Design



Site Plan – February 2014



Lower Level Plan



Entry Level Plan



Upper Level Plan



Architectural Refinements

- Plaza – public access and art
- 34th Street Public Way
- North wall design

Plaza access



Bus and public access



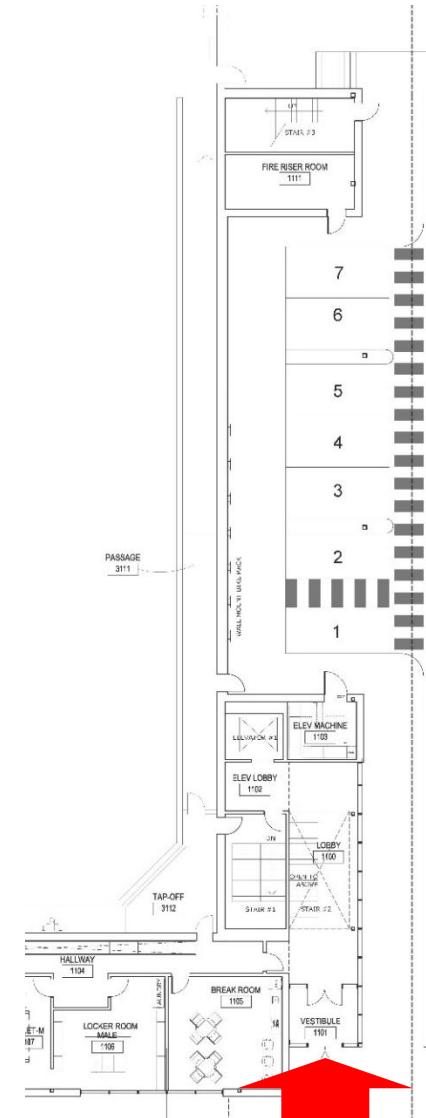
Bus drop off



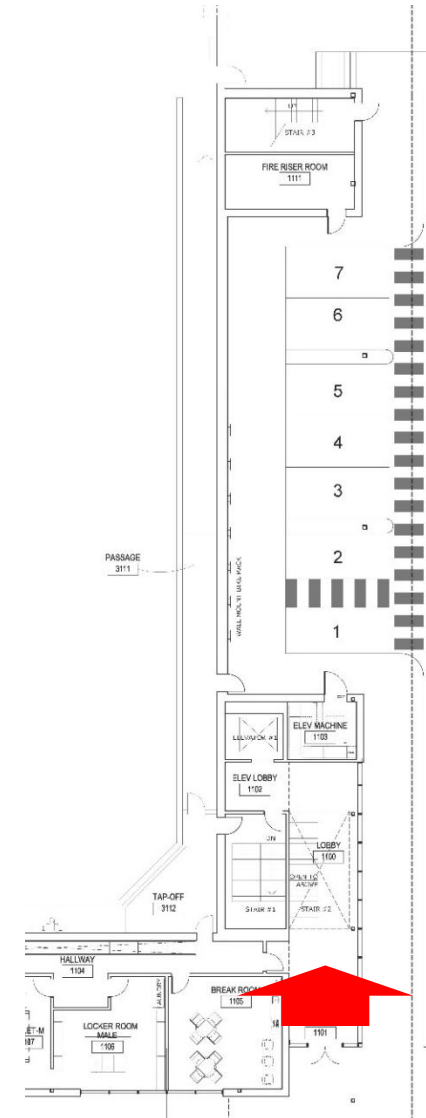
Plaza access



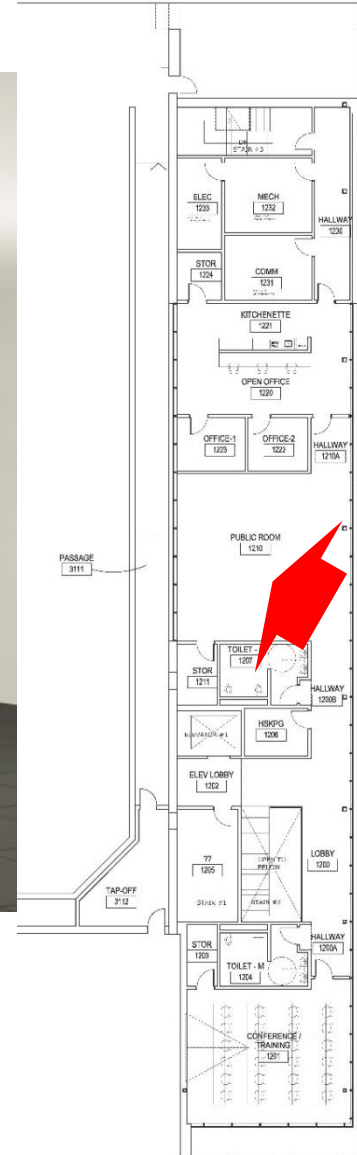
Administration entry



Administration lobby



Second level viewing room



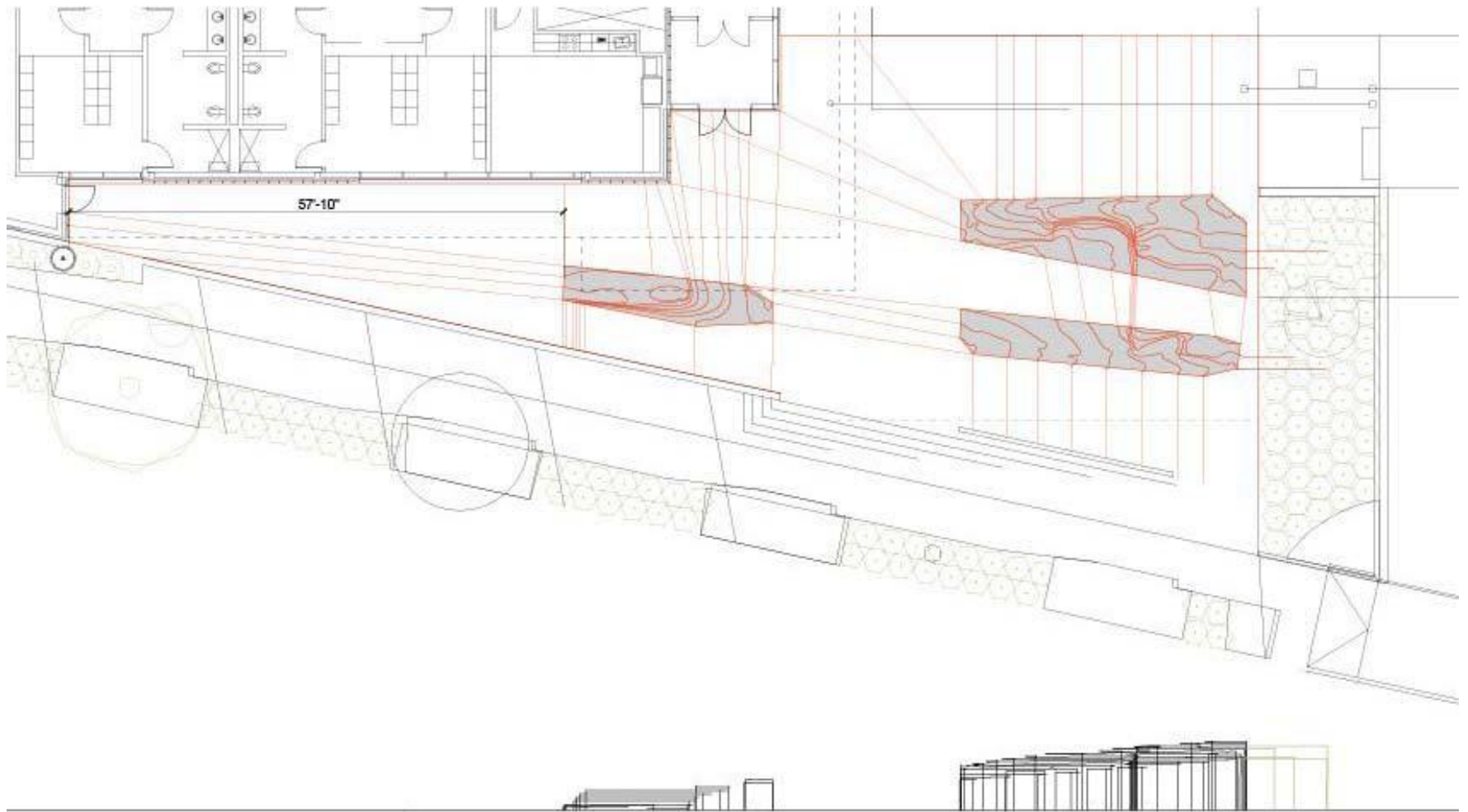
Administration Building Entry



View of Plaza from 34th Street **draft**



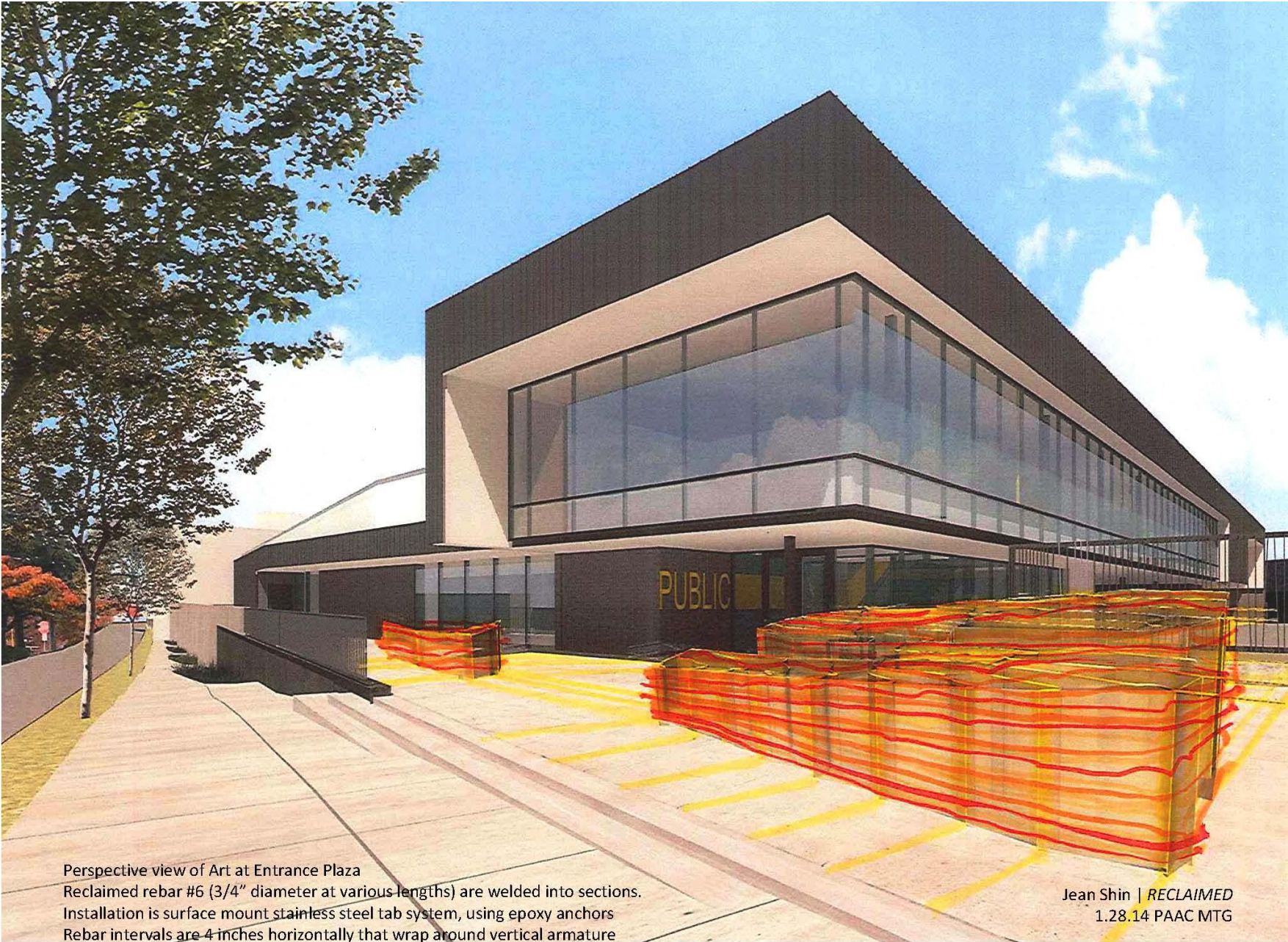
Plaza art



Linear contours of the previously existing landscape are transformed into sculptural form and remapped onto the plaza
Pathways for the public are delineated by colorful lines of epoxy embedded on the concrete joints
Contour lines are extended onto the ground plan and make them specific to site

Jean Shin | RECLAIMED
1.28.14 PAAC MTG

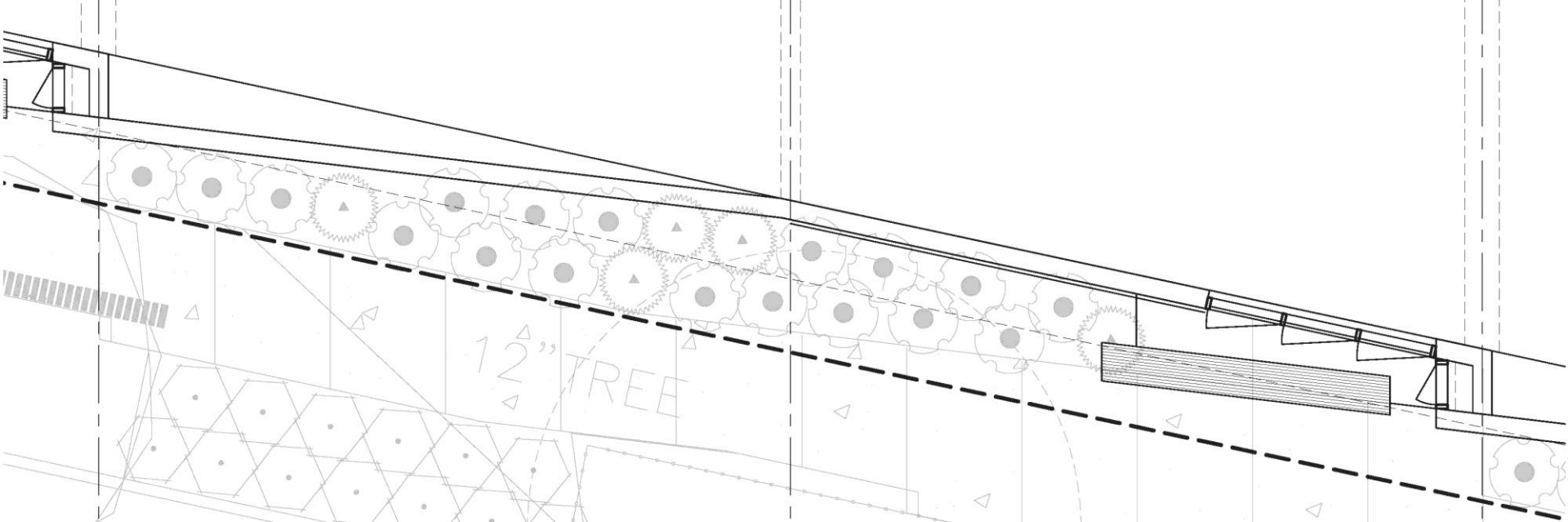
Plaza art



Perspective view of Art at Entrance Plaza
Reclaimed rebar #6 (3/4" diameter at various lengths) are welded into sections.
Installation is surface mount stainless steel tab system, using epoxy anchors
Rebar intervals are 4 inches horizontally that wrap around vertical armature

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34th Street - View from Burke Gilman



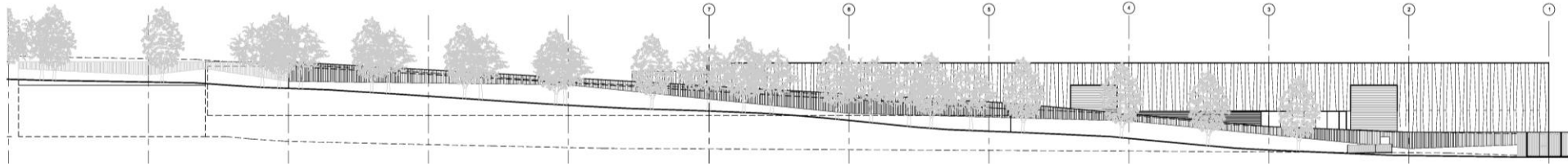
Public way along 34th Street



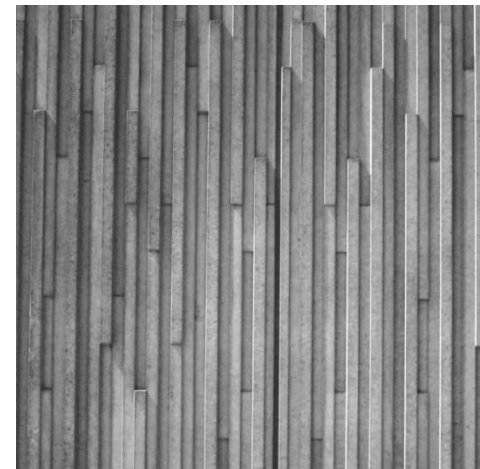
Elevation / Section A



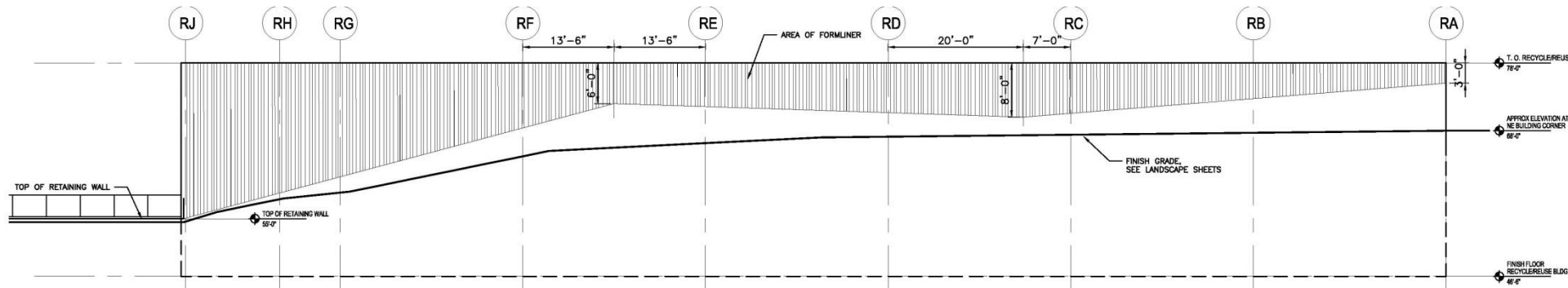
North Wall Edge Conditions



North Wall Perspective



East Wall Edge Condition



North Transfer Station Seattle Design Commission Landscape

Site Plan: Summary



NEIGHBORHOOD AGREE. CRITERIA:

- Accessible Gathering Spaces
- Public Art
- Green Factor (0.4)
- Curb Bulbs and Street Crossings
- Sustainability
- CPTED
- Decorative Fencing
- Green Roof (Extensive)
- Street Trees (Keep Existing)
- Fitness Stations (N 34th & Site)
- Walkways through Trees
- Flexible Open Space (Lawn)
- Sport Court(s) (BB & 4 Square)
- Children’s Play (Equip. & Nat’l)

Site Plan: Play Area



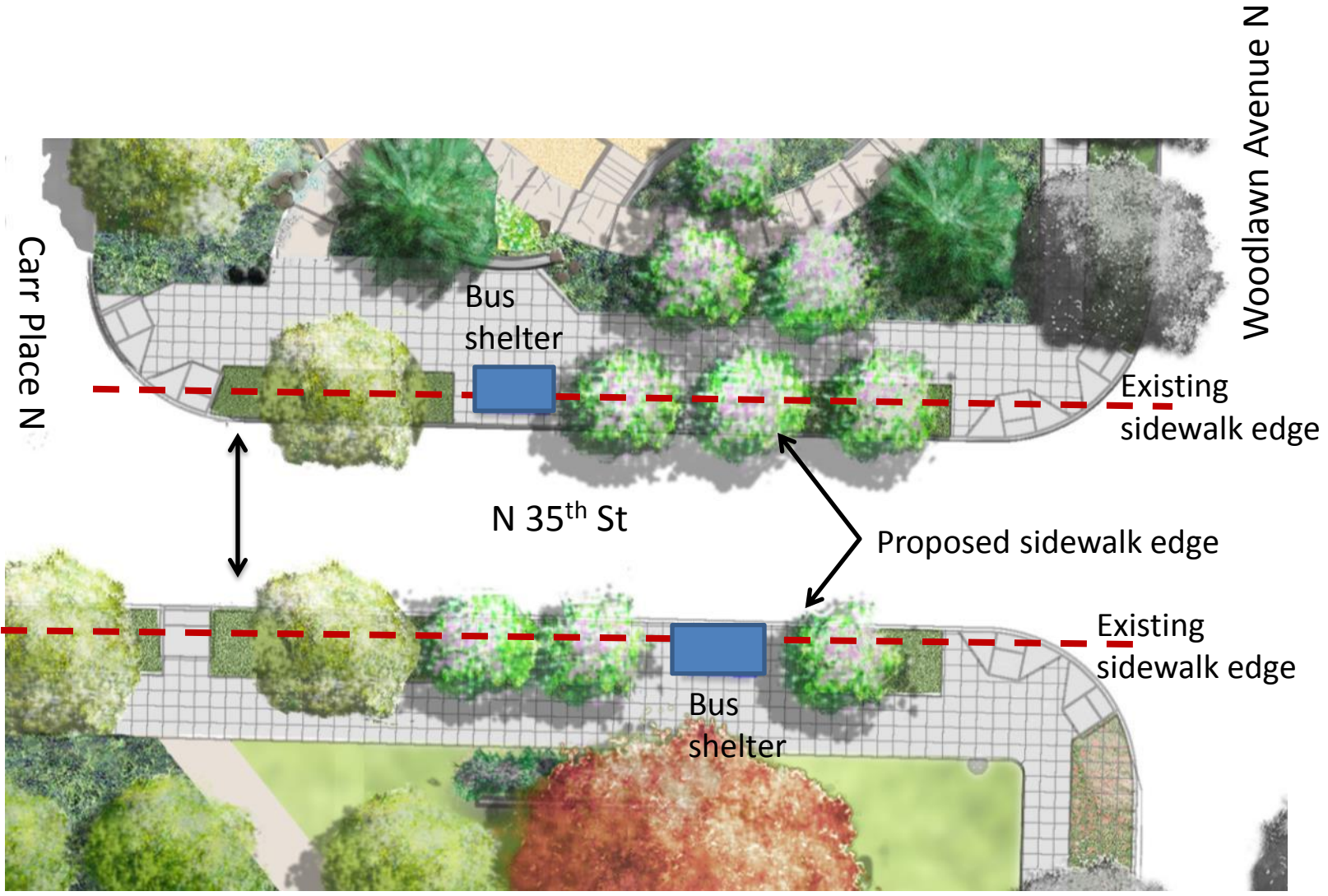
CARR PLN

WOODLAWN AVE N

N 35TH ST



Site Plan: N. 35th Crossing/Bus Shelter



Site Plan: Sport Court

N 35th St

Woodlawn Avenue N



Site Plan: Revisions

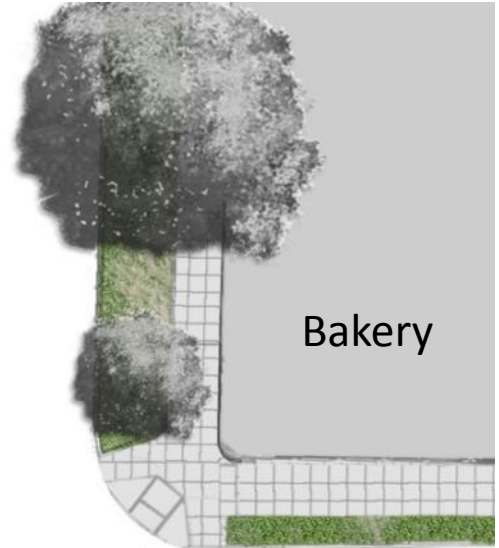
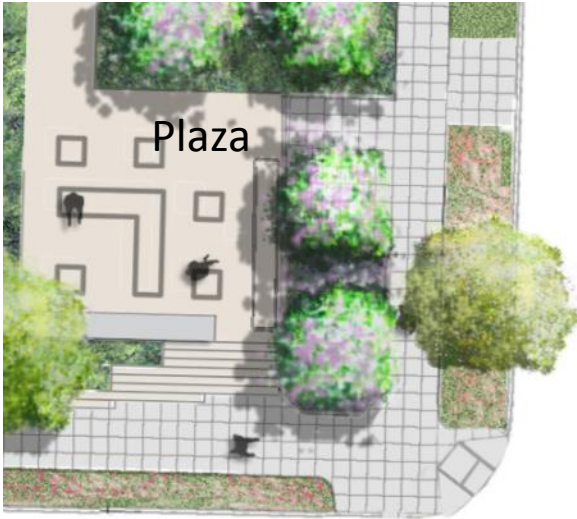


Previous



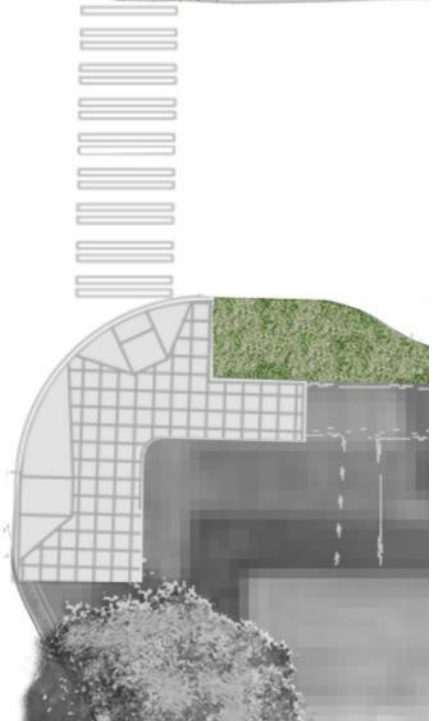
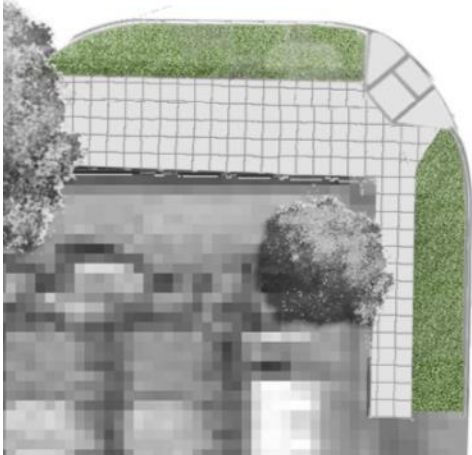
Current

Site Plan: N. 34th Intersection



N 34th St

Woodlawn Avenue N



Site Plan: Section Key



Elevation Section A



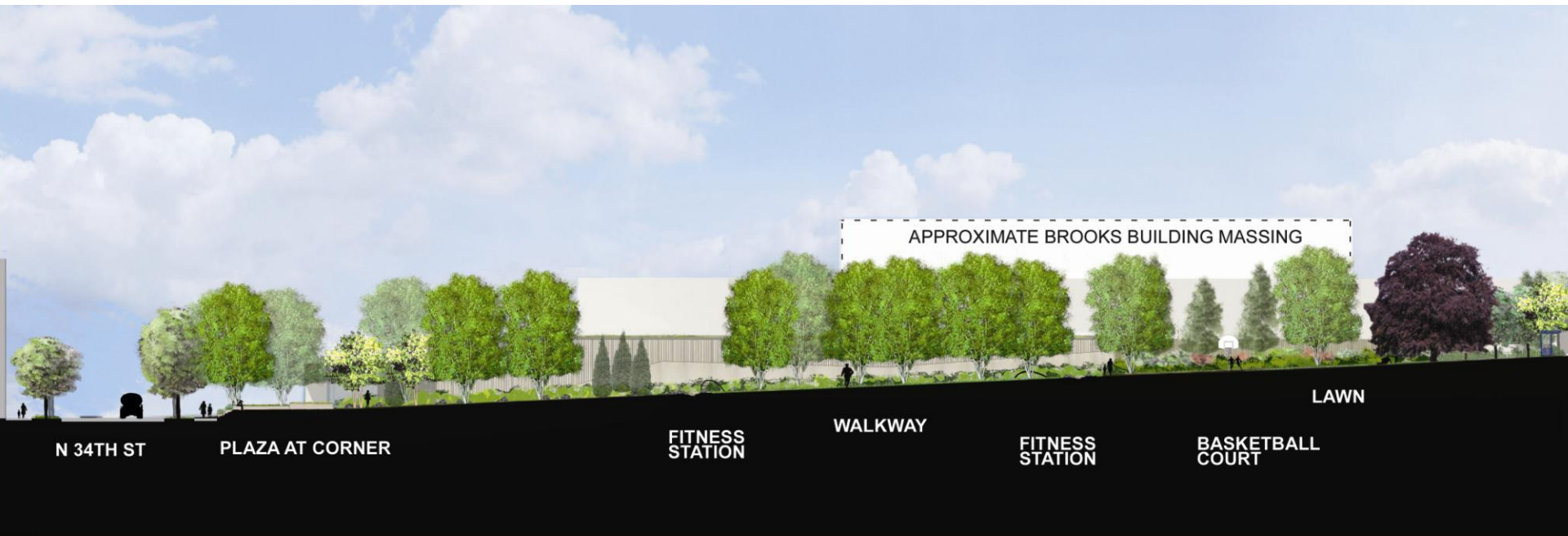
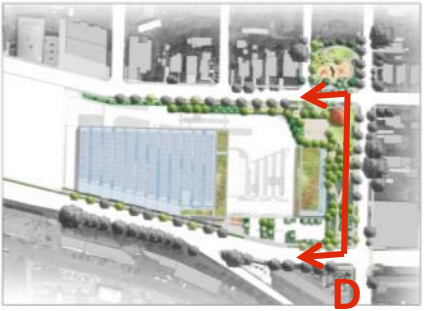
Elevation Section B



Elevation Section C



Elevation Section D



Elevation Section E



Elevation Section F



Elevation Section G



Layering of the Trees – East Elevation 1



Administrative Building



Stoneway 34

Recycling Building

Layering of the Trees – East Elevation 2

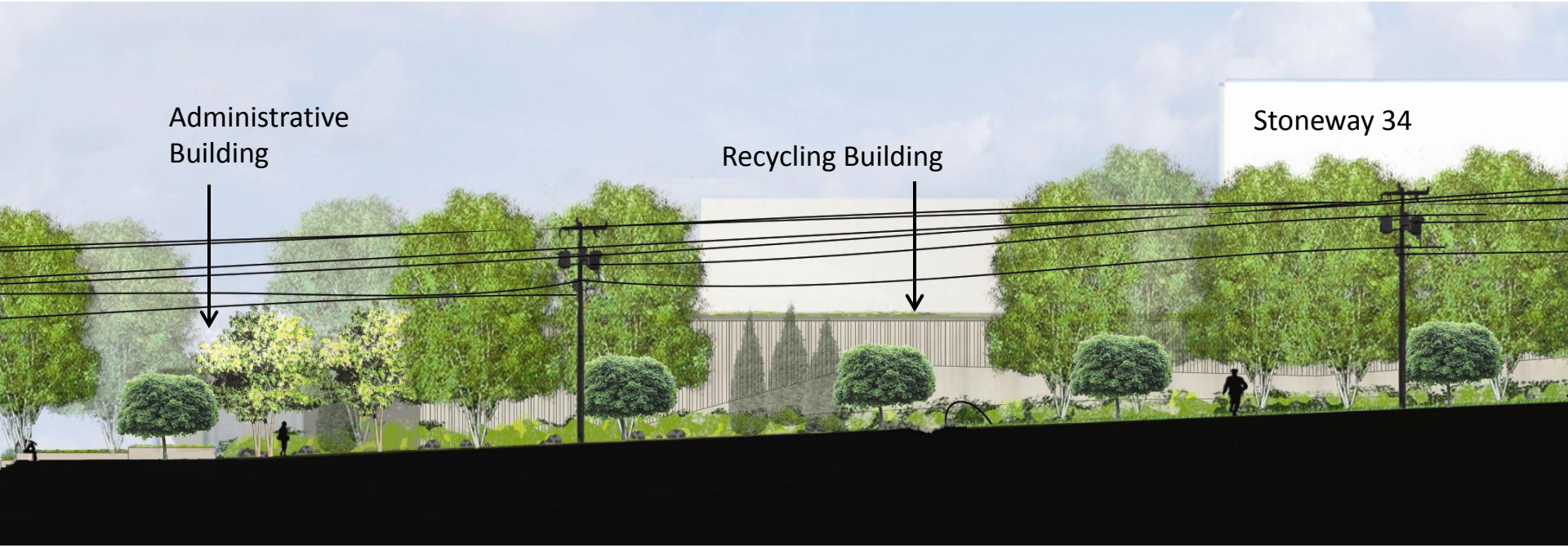


Administrative Building

Recycling Building

Stoneway 34

Layering of the Trees – East Elevation 3



Administrative Building

Recycling Building

Stoneway 34

Layering of the Trees – North Elevation 1



BASKETBALL COURT

FITNESS STATIONS

Layering of the Trees – North Elevation 2



Planting Design Criteria



Criteria

- FAA Anti-Vector Compliance
- Drought tolerant
- CPTED compliant (Shrub Maximum Ht @ 3 ft)
- Maintenance (Lawn and Shrub Drifts)
- Large specimen tree
- Keep existing street trees & infill where there are gaps.
- Site trees layout in copses
- Green Roof: 4" depth soil max – Sedums & Stormwater

Existing Street Trees (Infill per SDOT)

Ginkgo



Flowering Ash



Globe Maple



Site Trees



Jaquemontii Birch



Skyrocket Juniper



Cherokee Princess
Dogwood

Shrubs:

Columnar Barberry



Dwarf Japanese Holly



Knock Out Rose



Gold Coast Juniper



Gumbo White Azalea



Nearly Wild Rose



Goshiki Holly Olive



Compact Heavenly Nandina



Groundcovers:

Mix of 10 Sedums for Roof



Siberian Iris



Gold Strike Juniper

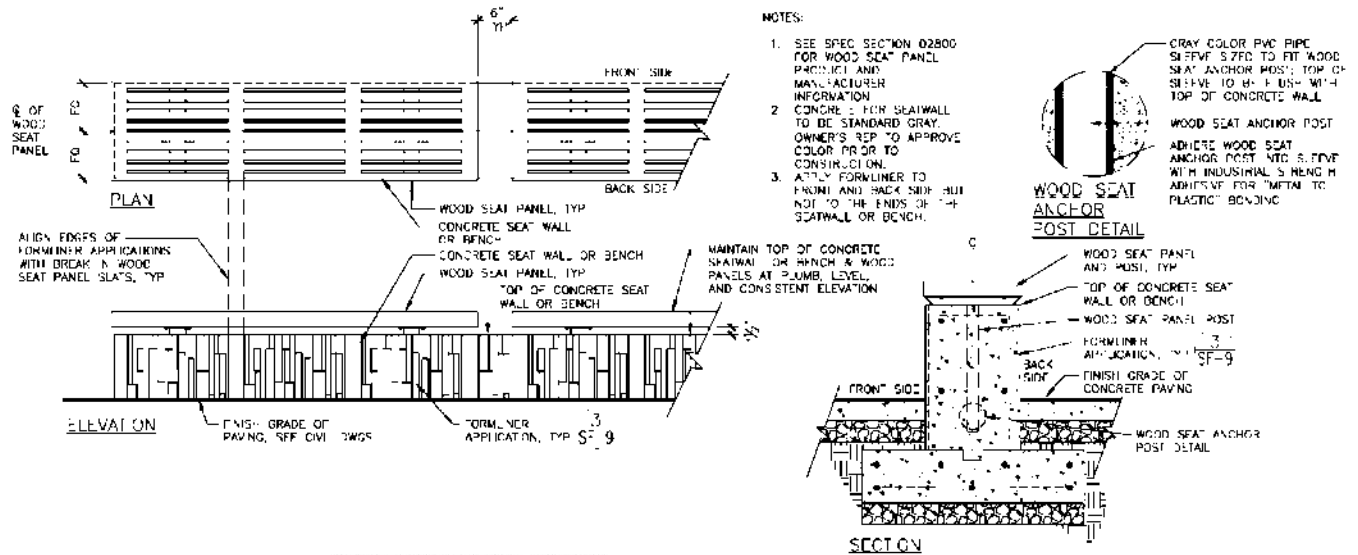


Lawn

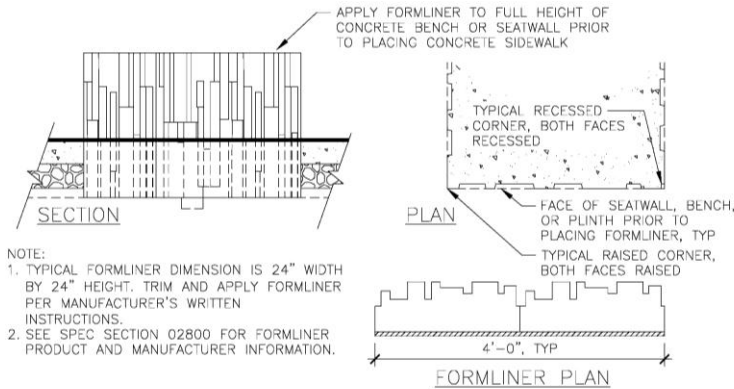


Site Details

1) Seat Wall



2) Concrete Texture



3) Fence

