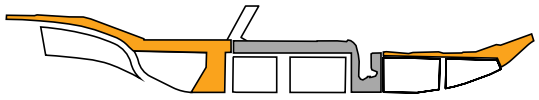
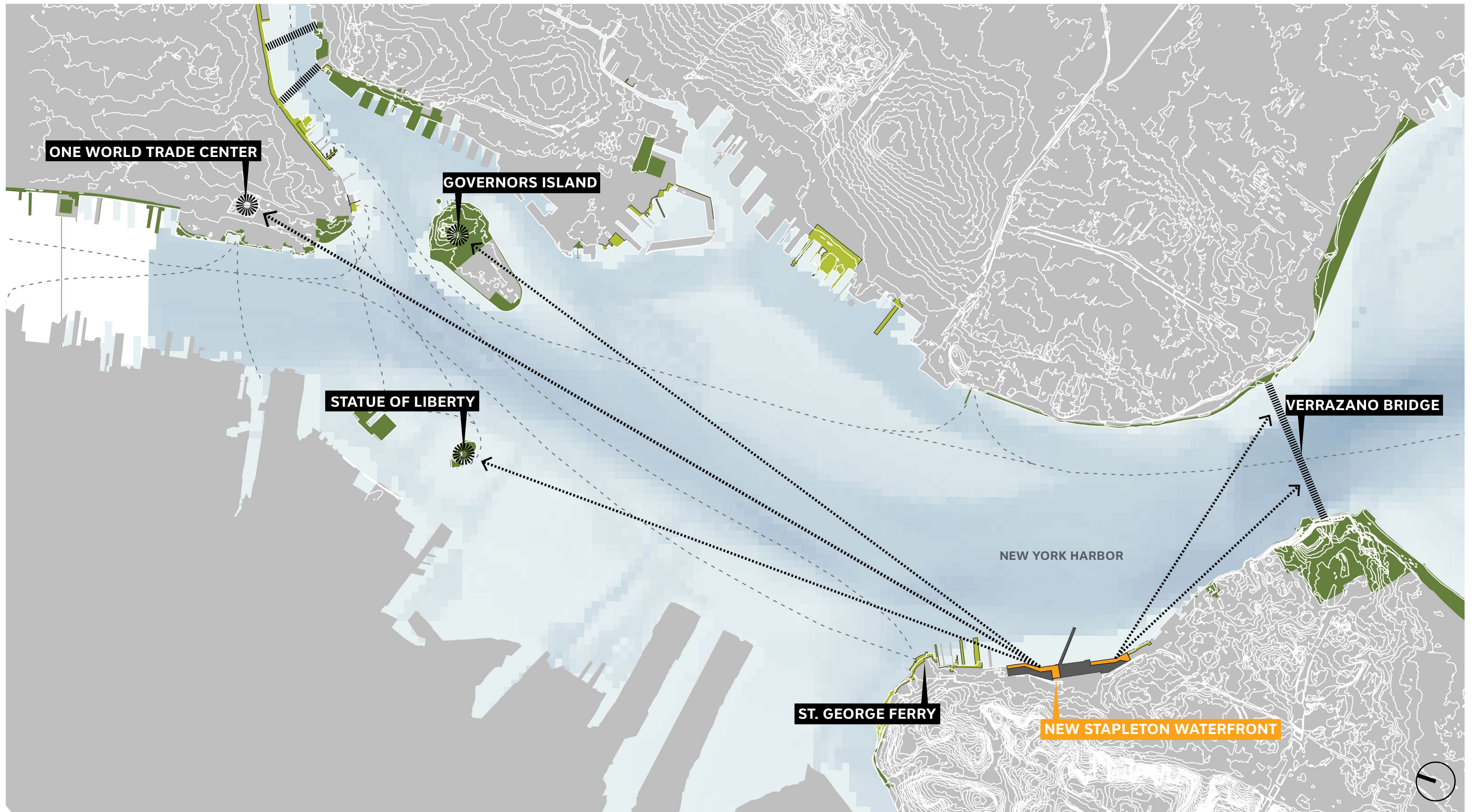


NYCEDC

ARUP **SCAPE**
MARPILLERO POLLAK ARCHITECTS

NEW STAPLETON WATERFRONT NORTHERN AND SOUTHERN PHASES

LANDSCAPE, DPR FACILITIES, AND LIGHTING
JUNE 17, 2022



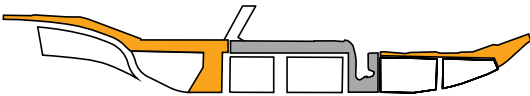
NORTHERN PHASE

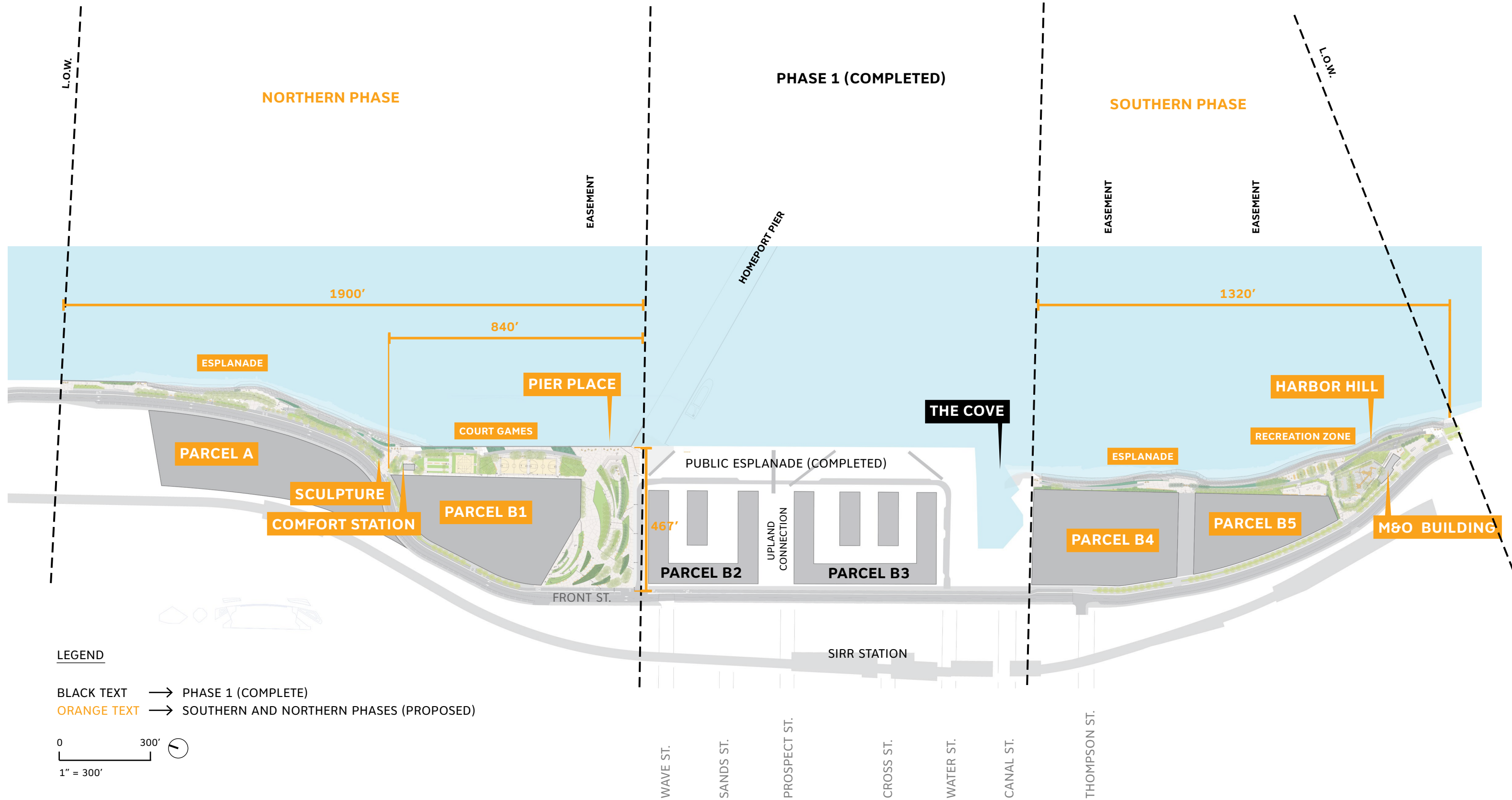
PHASE 1 (COMPLETED)

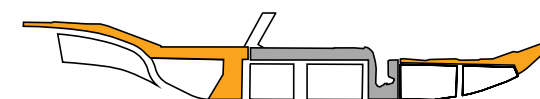
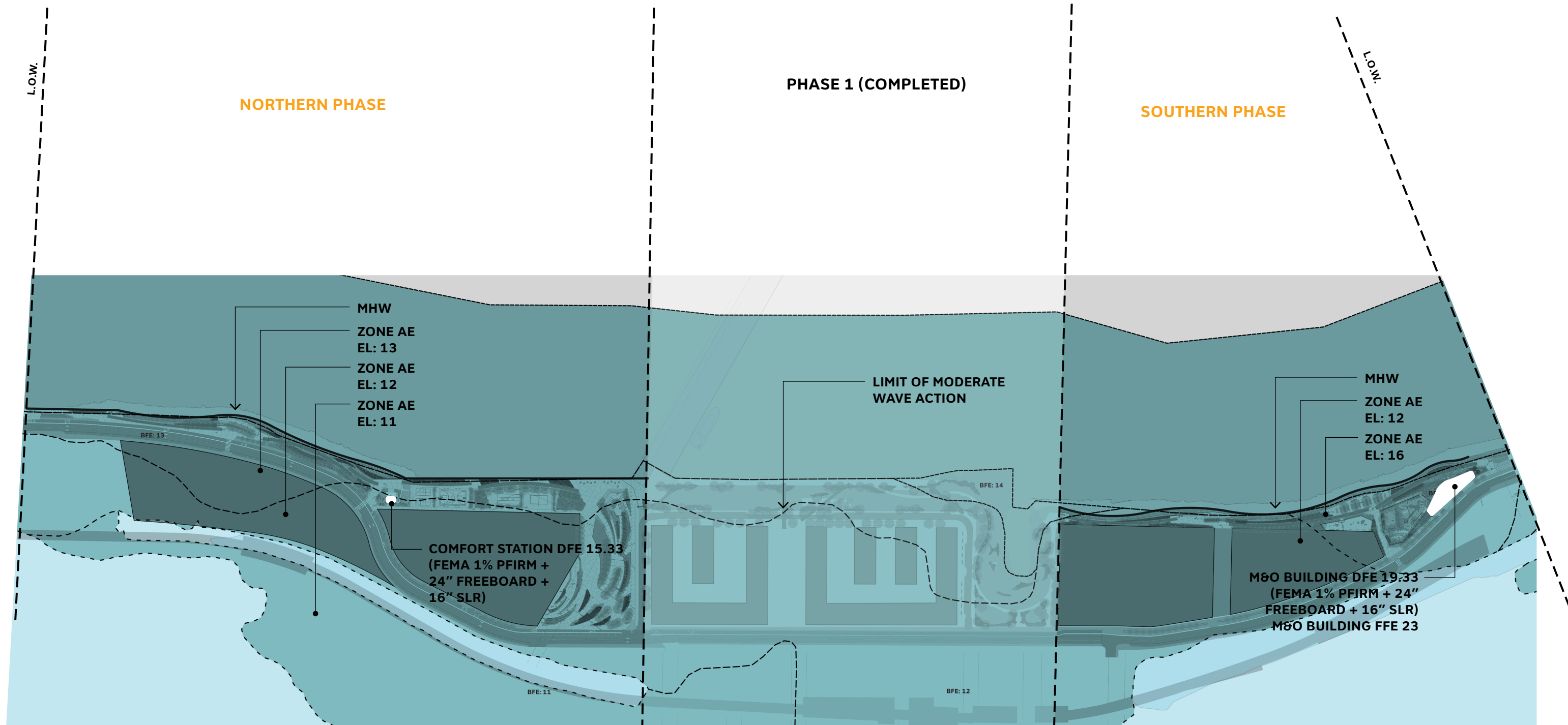
SOUTHERN PHASE



Scale: NTS

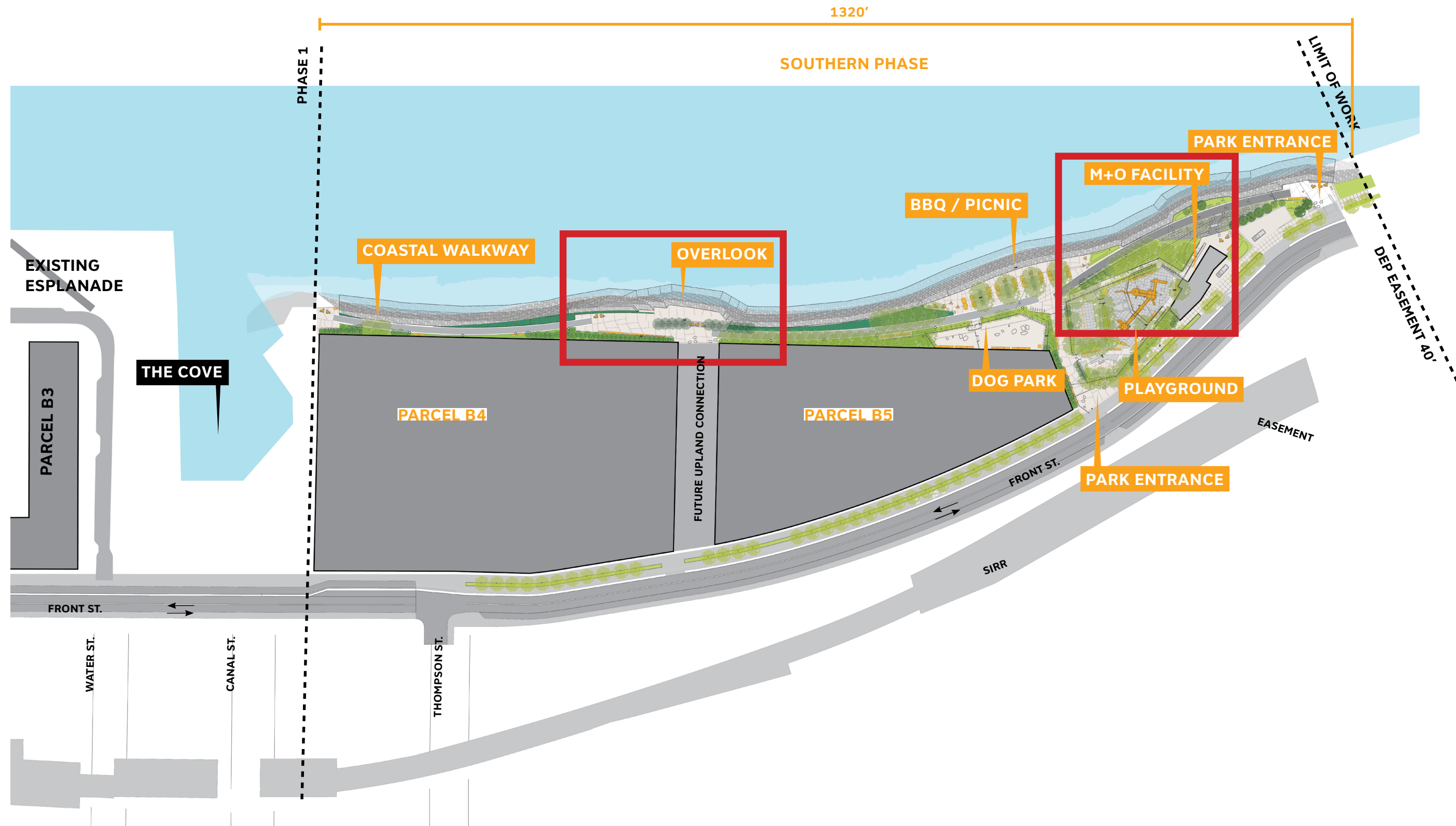




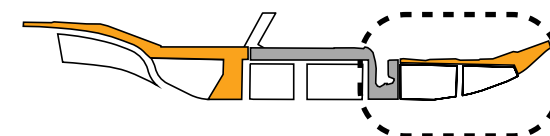


SOUTHERN PHASE

**LANDSCAPE AND
M&O FACILITY**



0' 64' 128'
SCALE 1/128" = 1'



OVERLOOK/ GET-DOWNS:

L1. The get-down at the souther phase of the park was revised to avoid conflict with/ proximity to an adjacent CSO

PLAY AREA

L15. Water jet quantity and fixture revised to meet DPR standards for GPM

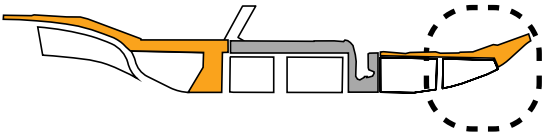
L16. Play structure location revised slightly to allow a 6' offset, typical.

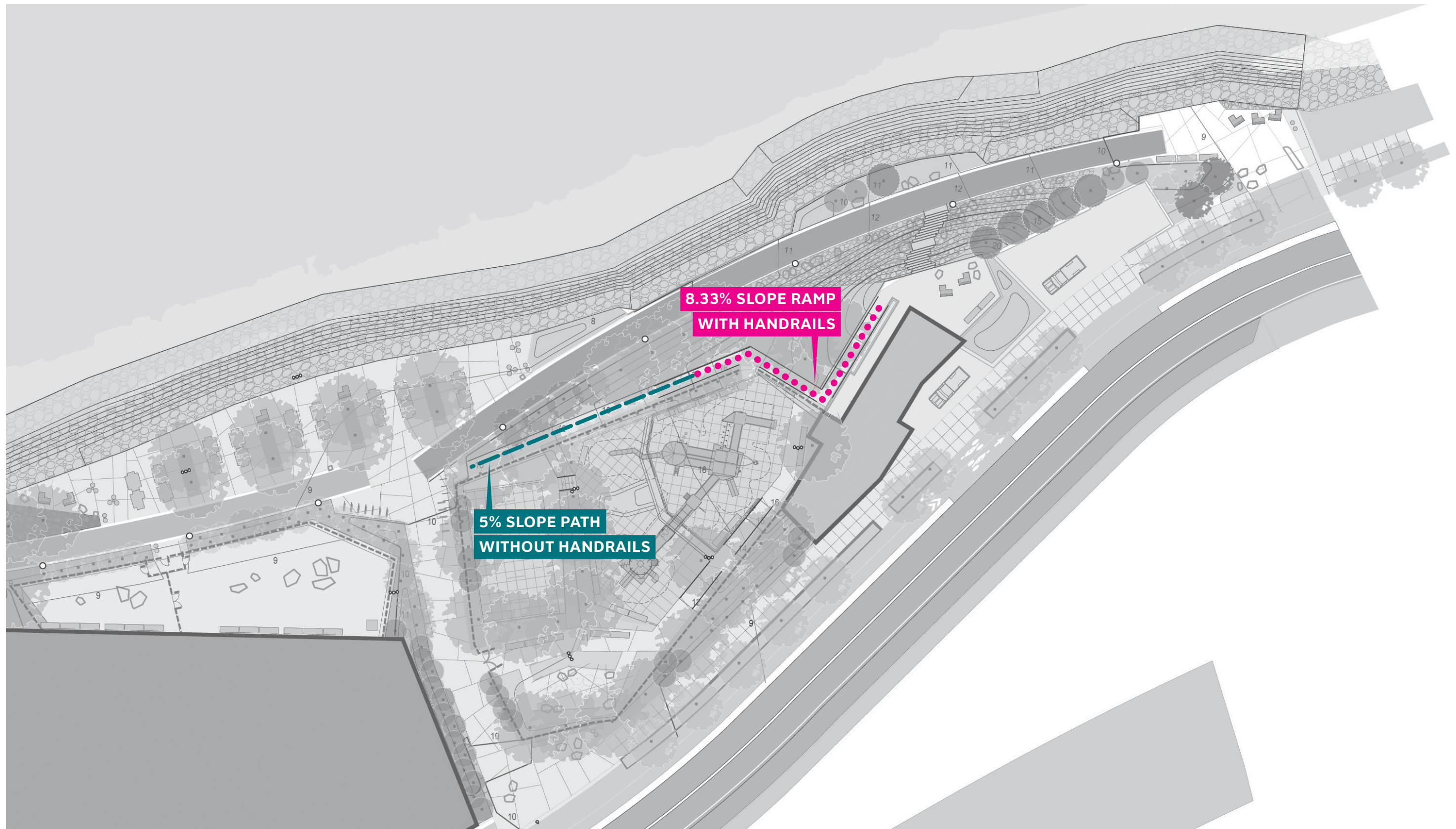
PARK ENTRANCES:

L17. Monolithic boulders introduced as traffic deterrents to prevent non-DPR vehicles from entering the park.

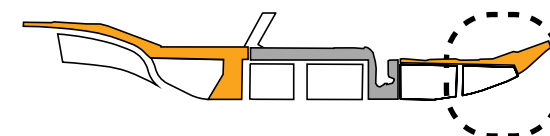


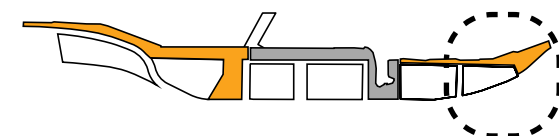
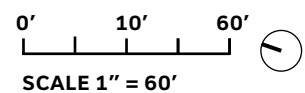
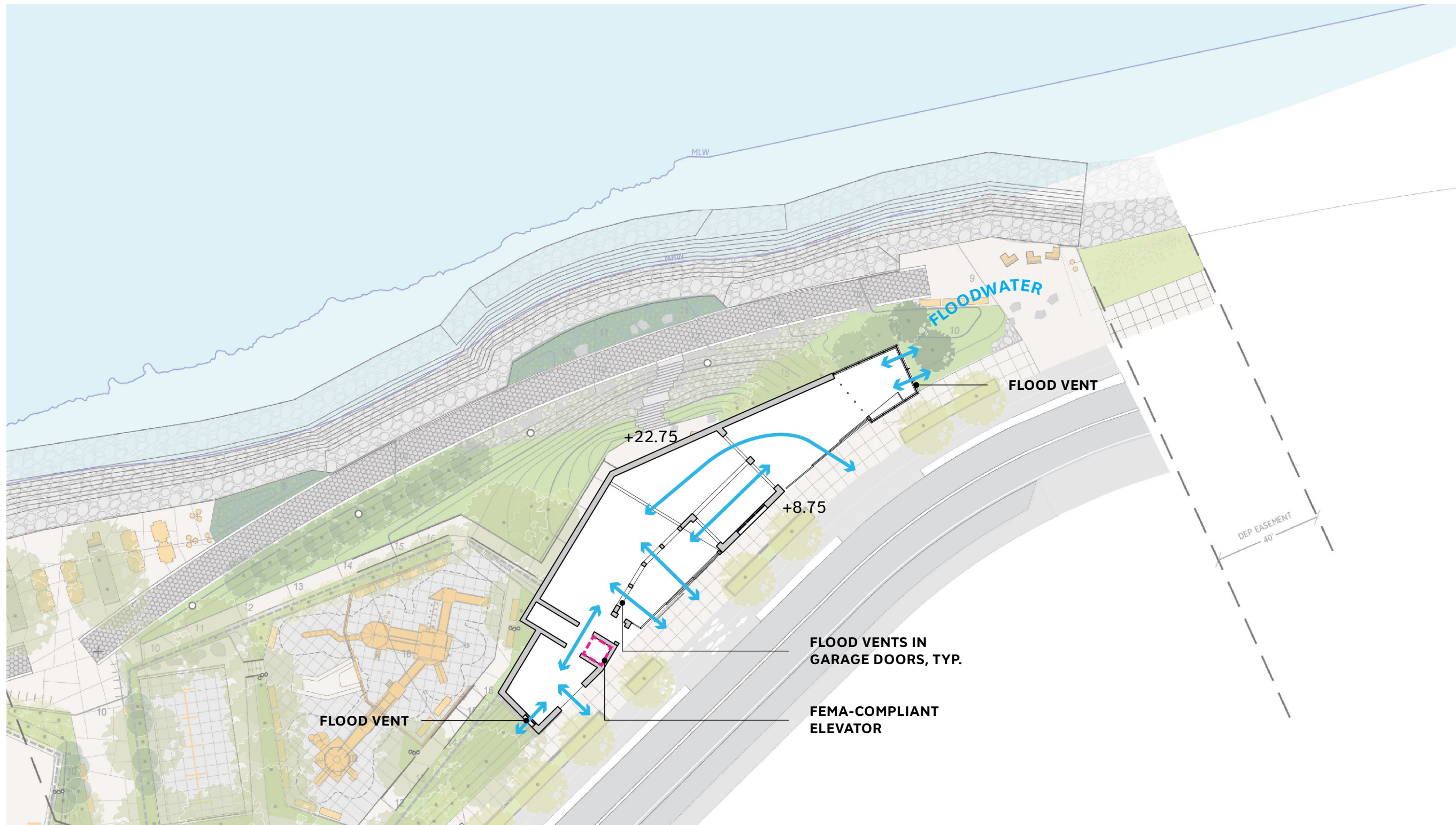
0' 10' 40'
SCALE 1" = 40'

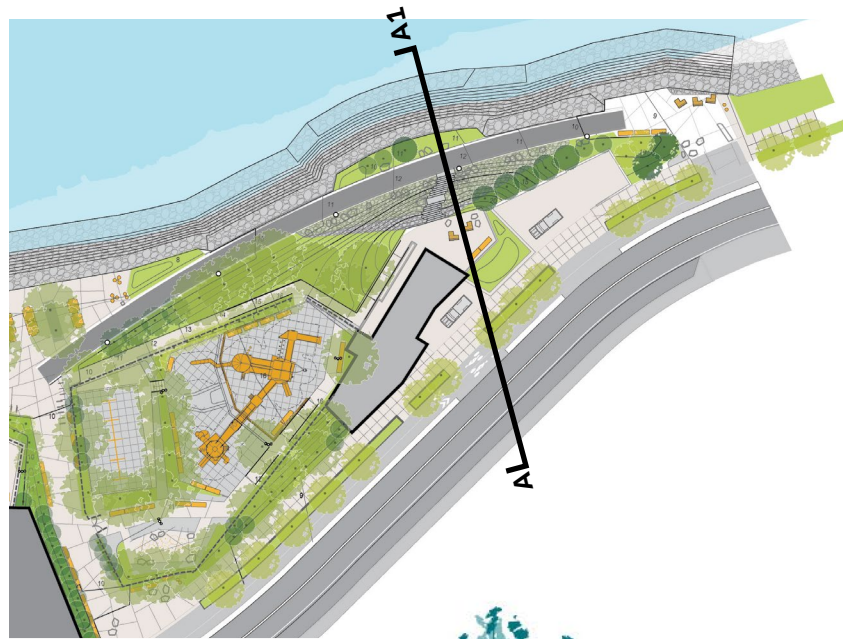




0' 10' 40'
SCALE 1" = 40'



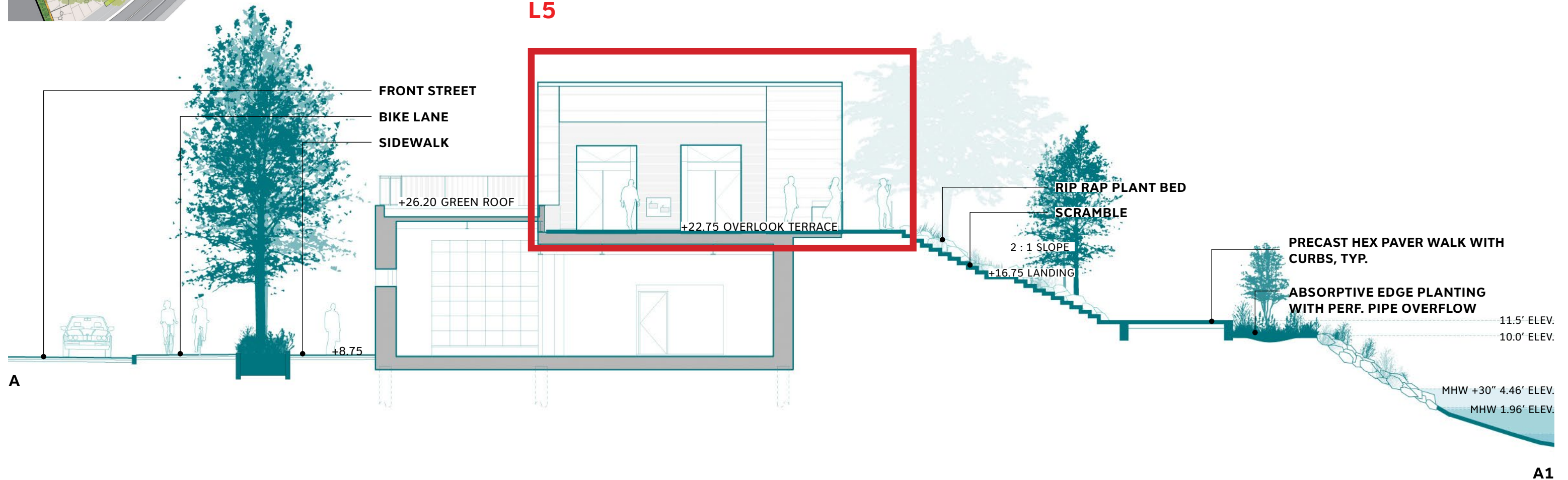




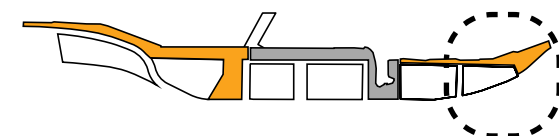
M&O TERRACE OVERLOOK

L5. Terrace elevation was revised following coordination between Architecture and MEP; scramble steps and adjacent grading were revised to meet new elevation with no impact to accessibility or drainage

L5

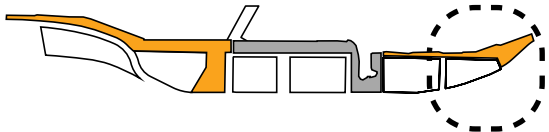
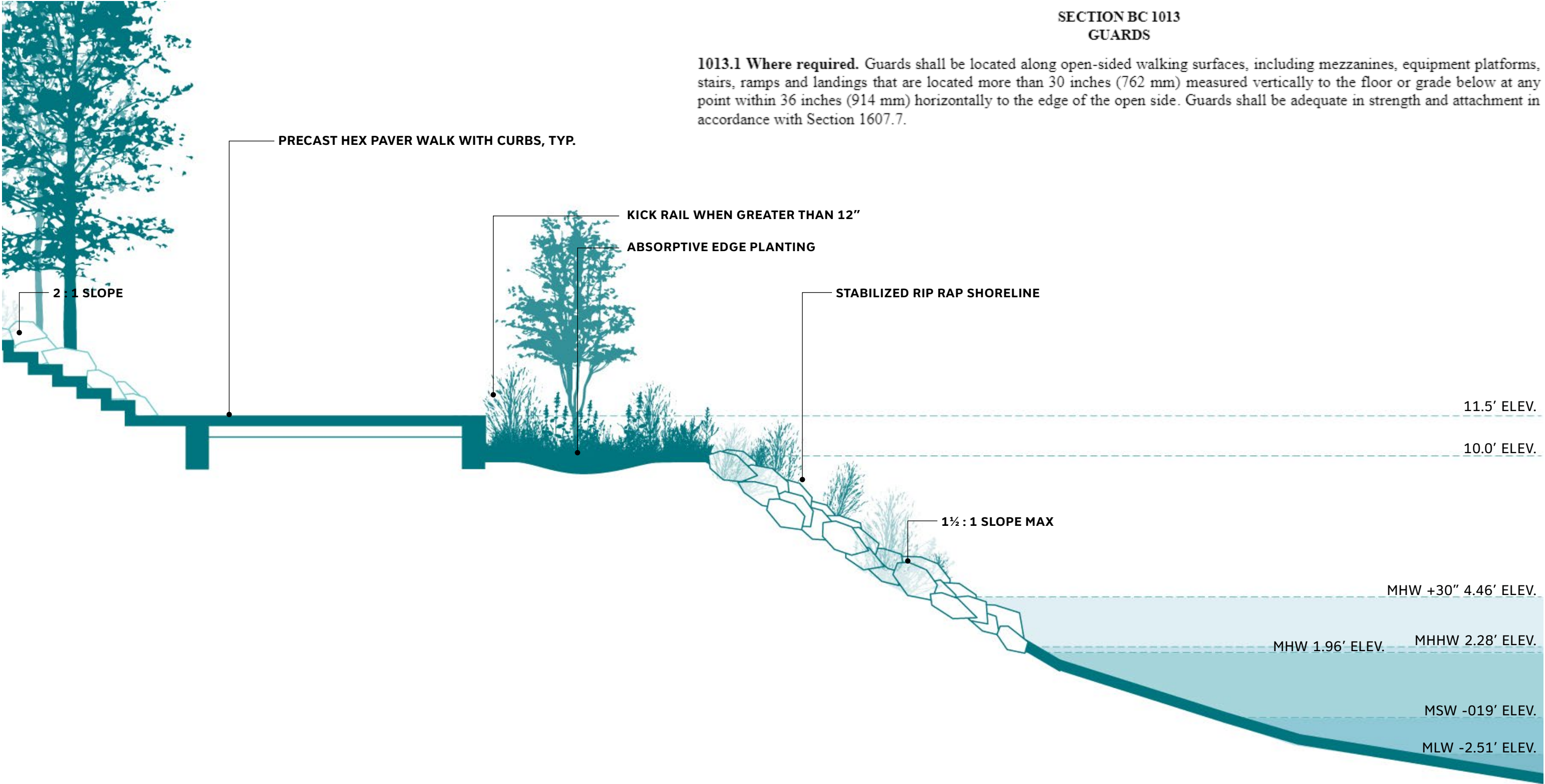


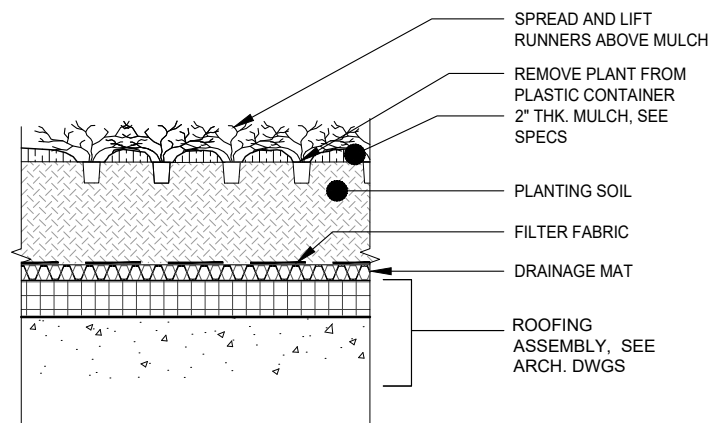
0' 5' 10'
SCALE 3/32" = 1'



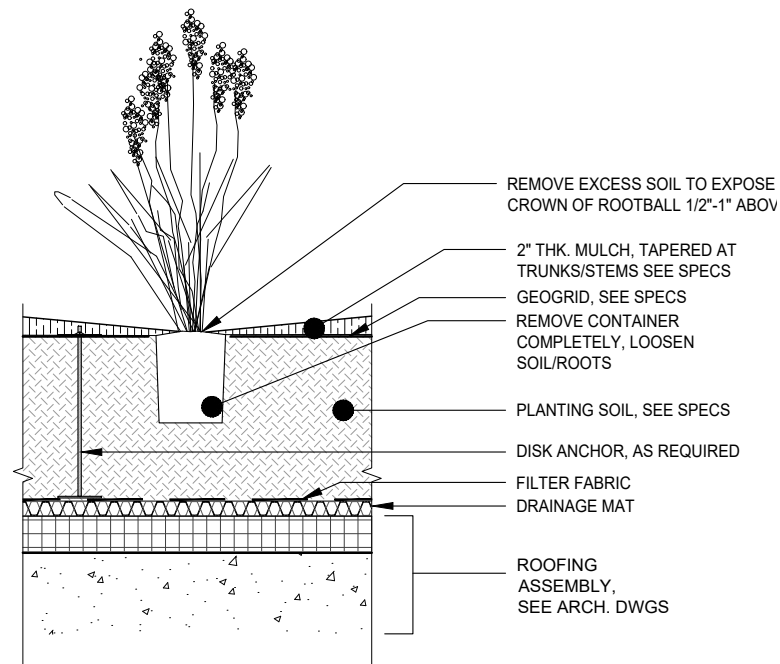
SECTION BC 1013
GUARDS

1013.1 Where required. Guards shall be located along open-sided walking surfaces, including mezzanines, equipment platforms, stairs, ramps and landings that are located more than 30 inches (762 mm) measured vertically to the floor or grade below at any point within 36 inches (914 mm) horizontally to the edge of the open side. Guards shall be adequate in strength and attachment in accordance with Section 1607.7.

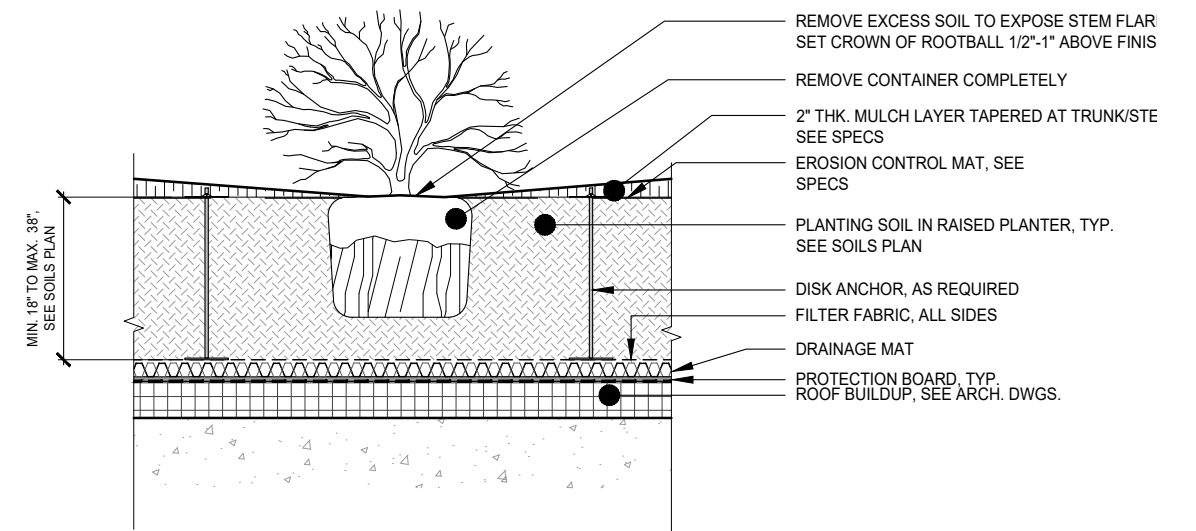




5 GROUNDCOVER PLANTING ON STRUCTURE
SCALE: 1" = 1'-0"

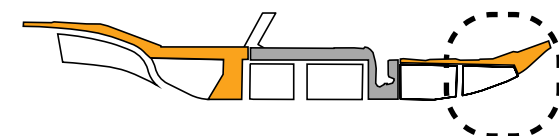


4 PERENNIAL PLANTING ON STRUCTURE
SCALE: 1" = 1'-0"



3 SHRUB PLANTING ON STRUCTURE
SCALE: 1" = 1'-0"

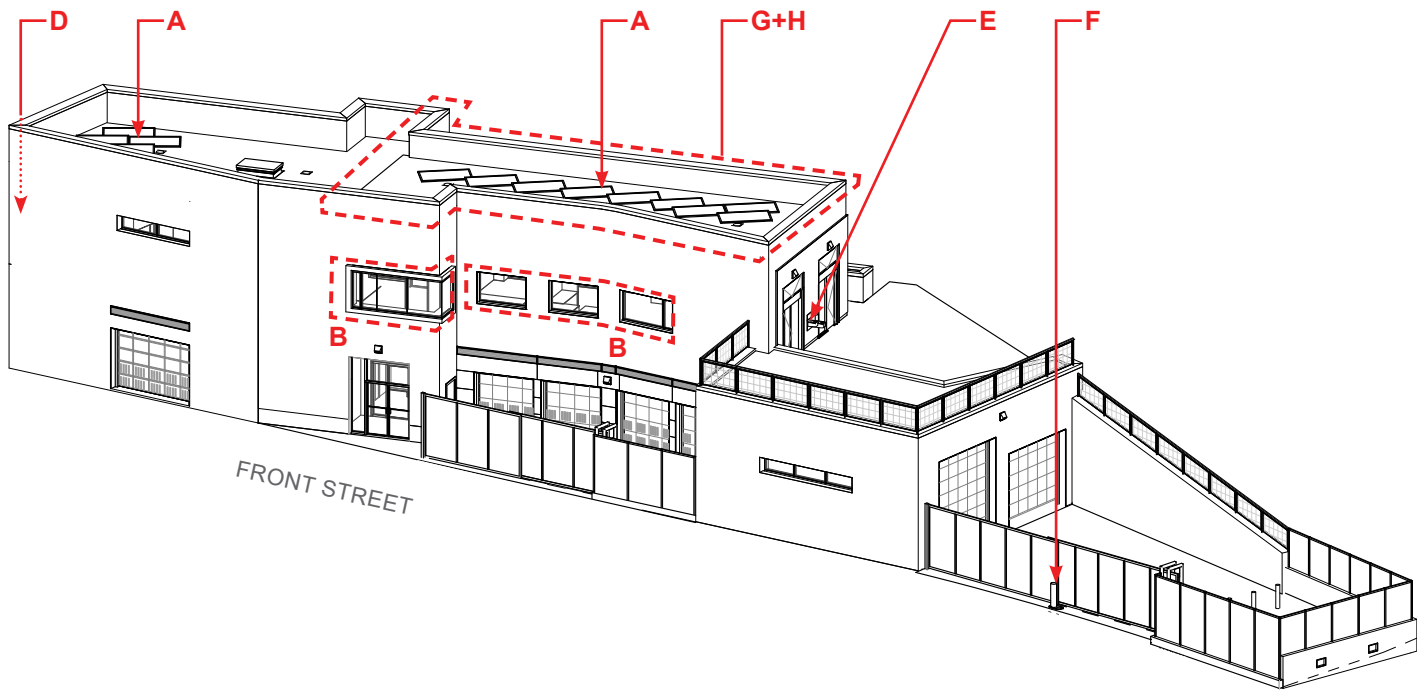
SOIL DEPTH AT VEGETATED GREEN ROOF 10" TYP.



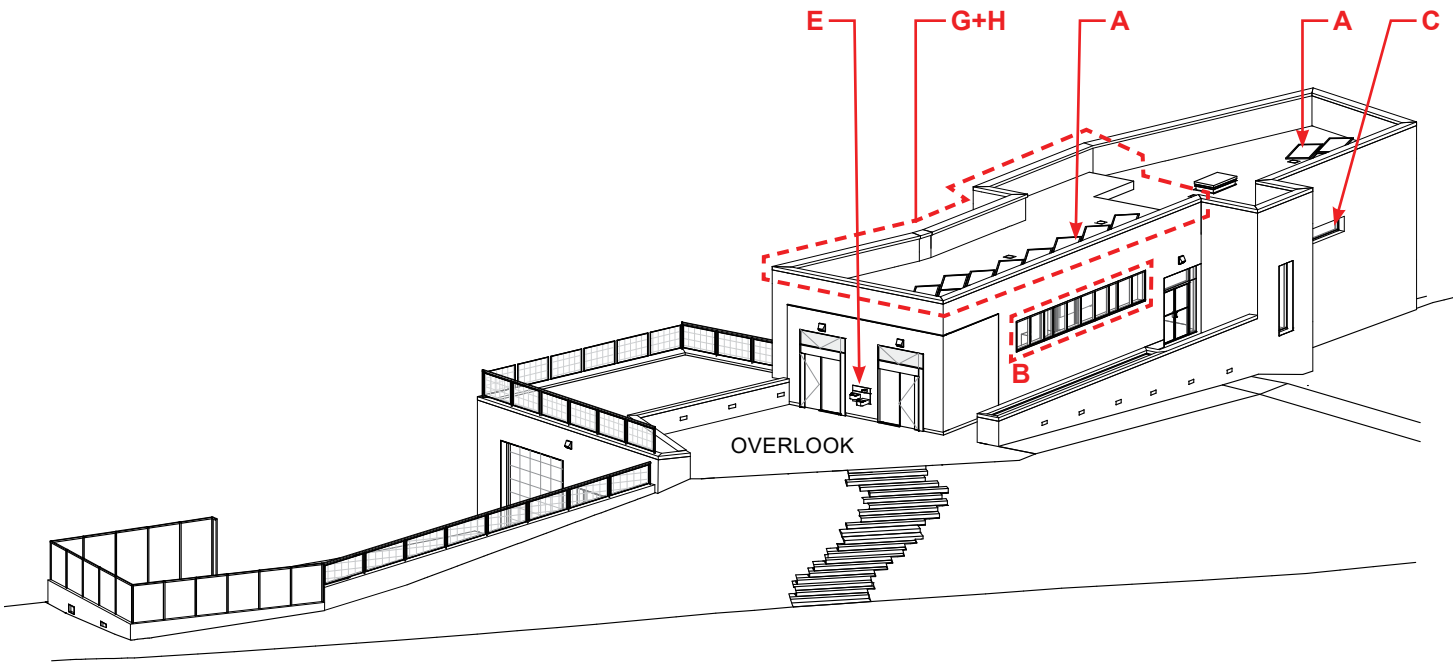
OVERVIEW OF DESIGN MODIFICATIONS

- A - Photovoltaic Panels added to the roof in compliance with L.L. 92/94
- B - Solar shades added to Office and Supervisor Office windows
- C- Clerestory window spanning Locker Rms 207 and 208 changed from three to two mullions such that center mullion aligns with partition between rooms.
- D - At the north façade, the vertical alignment of window, HVAC louvers, and flood vent shifted from right-aligned to left-aligned to accommodate planned brick control joint.
- E - At the Public Restrooms, Bulletin Board removed from the wall, and Drinking Fountain updated to include water bottle filler by DPR request.

- F - Retractable bollards added on both sides of Yard Telescopic Gate for additional lateral stability. Gate motor raised from floor level to top of gate to mitigate future interaction with flood waters by DPR request
- G - Angled railing at Office Roof eliminated, and instead roof level dropped by 2'-0" in order that exterior parapet walls could replace railing.
- H - Terracotta wall coping at Office Roof replaced with pre-cast concrete wall coping.

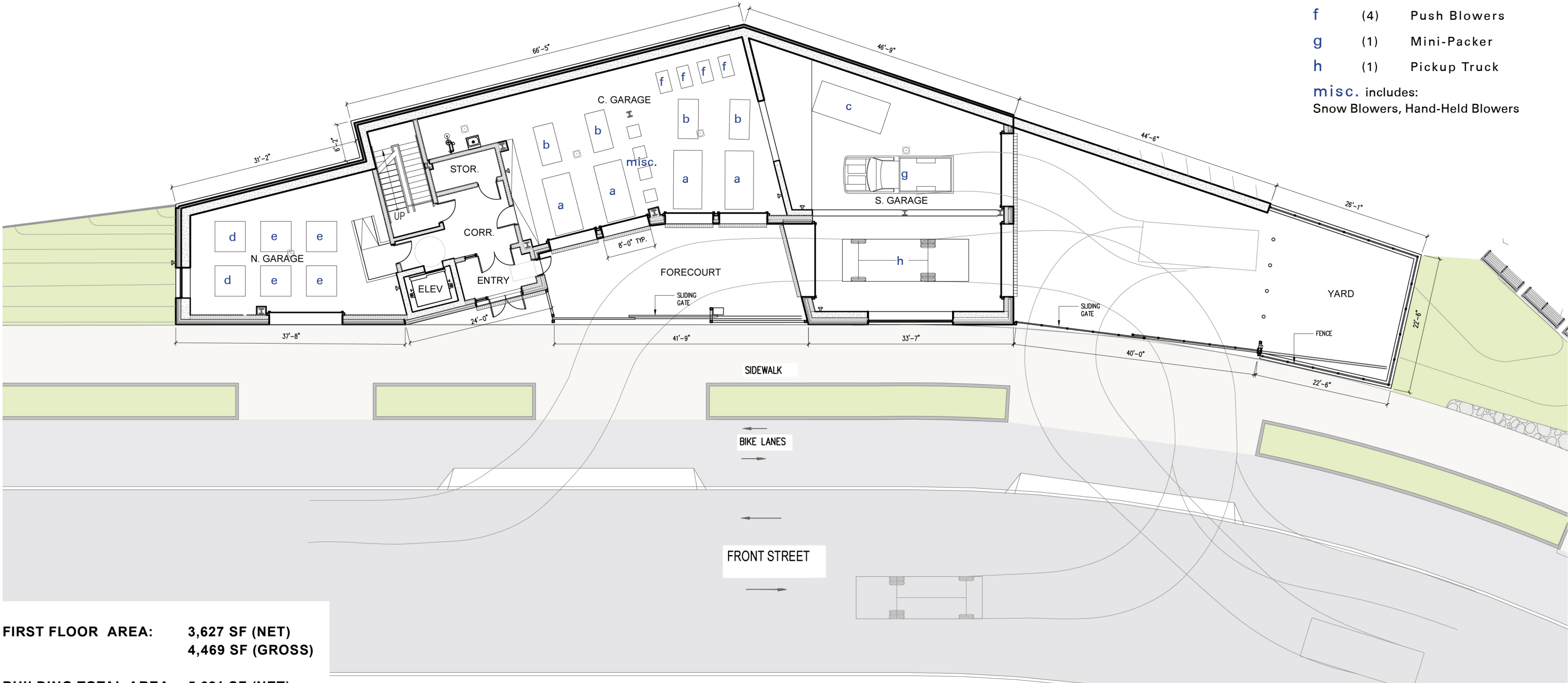


AXONOMETRIC VIEW FROM SOUTH WEST (STREET) SIDE



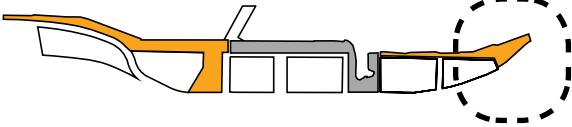
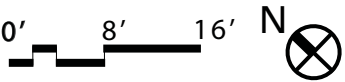
AXONOMETRIC VIEW FROM SOUTH EAST (PARK) SIDE

EQUIPMENT LEGEND		
Key	Qty.	Item
a	(4)	Gators
b	(4)	Trailers for Gators
c	(1)	Bobcat
d	(2)	Toro Mower
e	(4)	Scag Mowers
f	(4)	Push Blowers
g	(1)	Mini-Packer
h	(1)	Pickup Truck
misc. includes: Snow Blowers, Hand-Held Blowers		



FIRST FLOOR AREA: 3,627 SF (NET)
4,469 SF (GROSS)

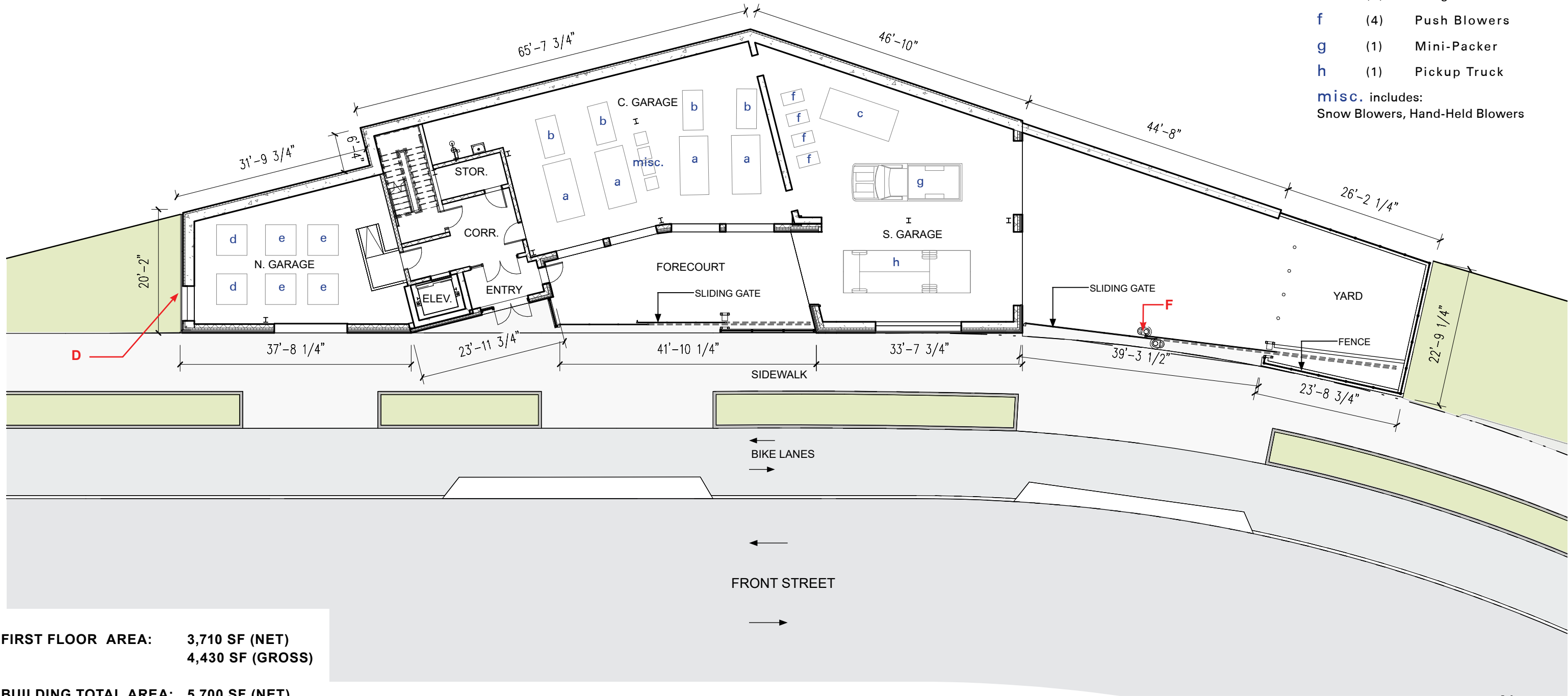
BUILDING TOTAL AREA: 5,621 SF (NET)
6,982 (GROSS)



DESIGN MODIFICATIONS:

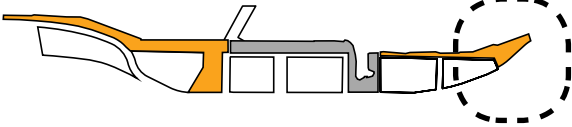
- D** - At the north façade, the vertical alignment of window, HVAC louvers, and flood vent shifted from right-aligned to left-aligned to accommodate planned brick control joint.
- F** - Retractable bollards added on both sides of Yard Telescopic Gate for additional lateral stability. Gate motor raised from floor level to top of gate to mitigate future interaction with flood waters

EQUIPMENT LEGEND		
Key	Qty.	Item
a	(4)	Gators
b	(4)	Trailers for Gators
c	(1)	Bobcat
d	(2)	Toro Mower
e	(4)	Scag Mowers
f	(4)	Push Blowers
g	(1)	Mini-Packer
h	(1)	Pickup Truck
misc. includes: Snow Blowers, Hand-Held Blowers		



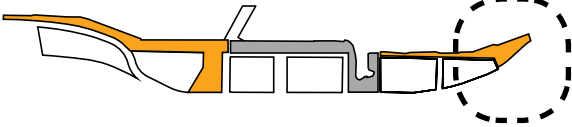
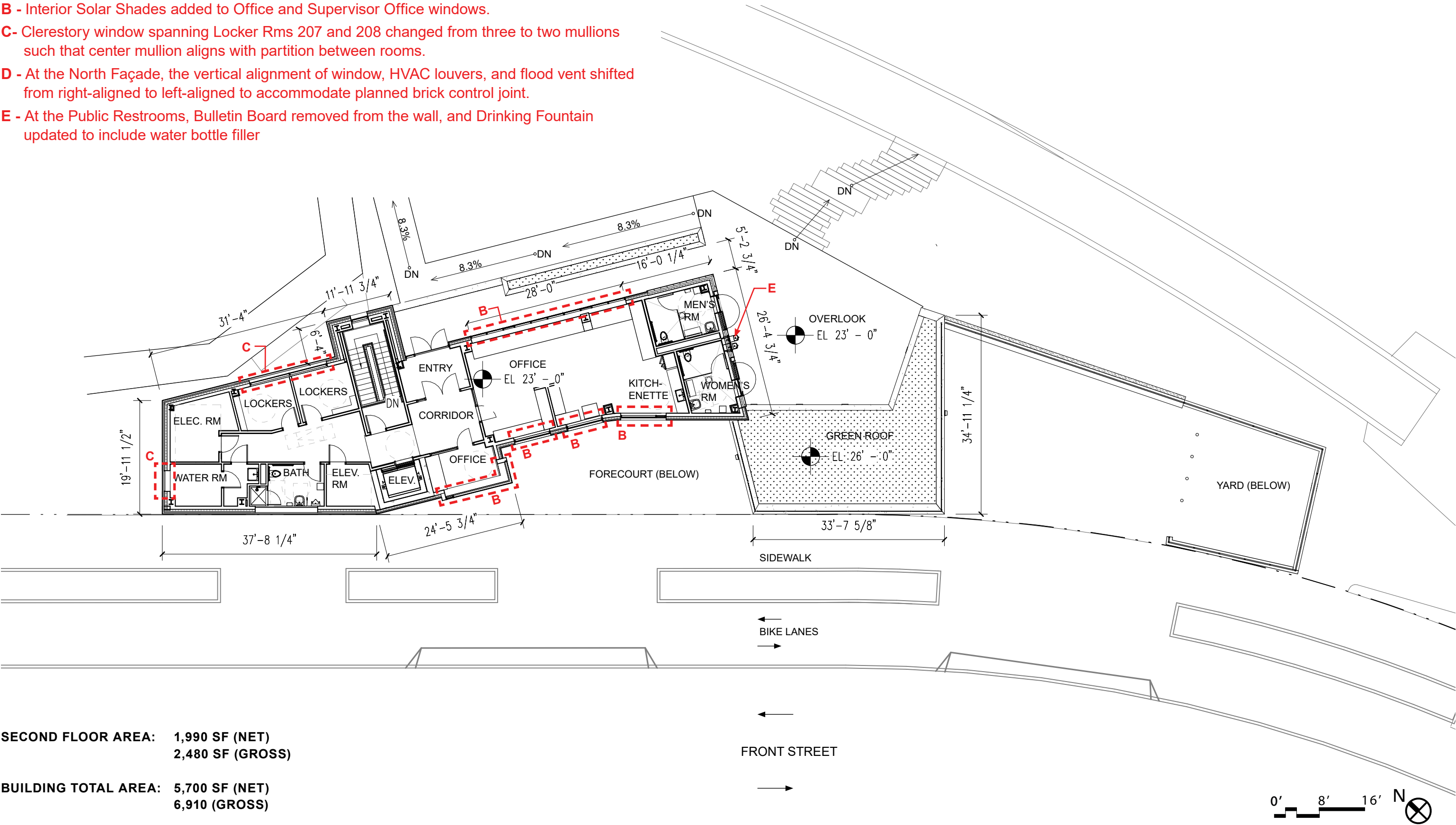
FIRST FLOOR AREA: 3,710 SF (NET)
4,430 SF (GROSS)

BUILDING TOTAL AREA: 5,700 SF (NET)
6,910 (GROSS)



DESIGN MODIFICATIONS:

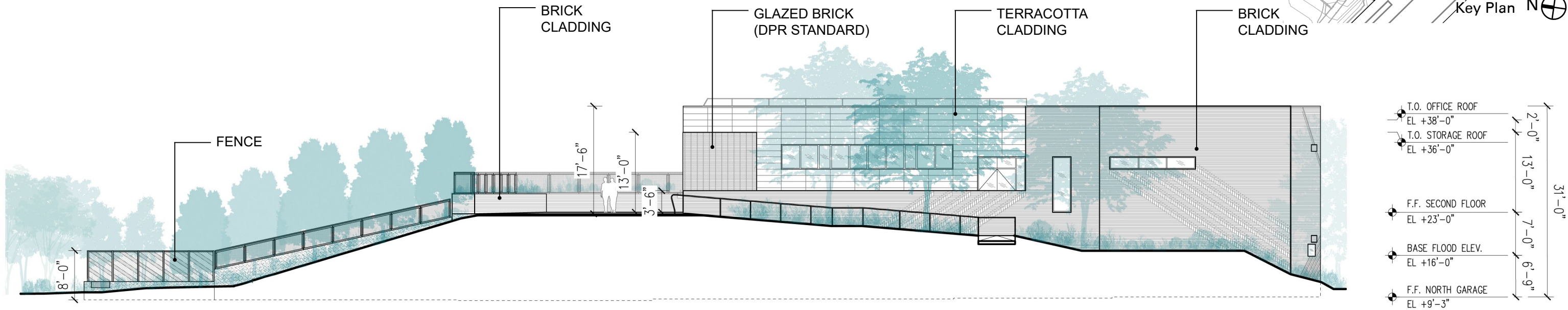
- B** - Interior Solar Shades added to Office and Supervisor Office windows.
- C**- Clerestory window spanning Locker Rms 207 and 208 changed from three to two mullions such that center mullion aligns with partition between rooms.
- D** - At the North Façade, the vertical alignment of window, HVAC louvers, and flood vent shifted from right-aligned to left-aligned to accommodate planned brick control joint.
- E** - At the Public Restrooms, Bulletin Board removed from the wall, and Drinking Fountain updated to include water bottle filler



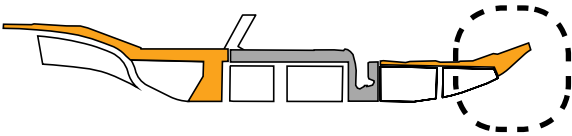
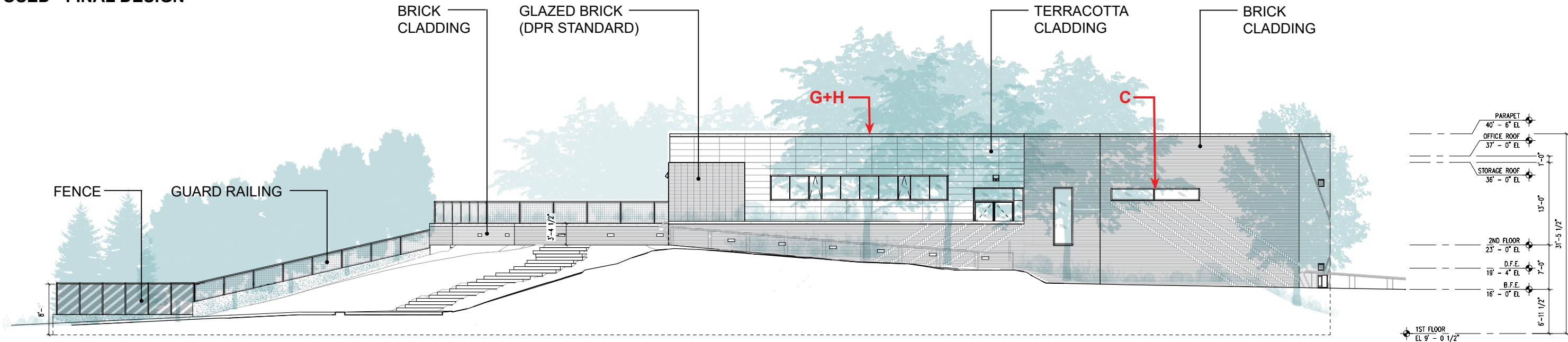
DESIGN MODIFICATIONS:

- C- Clerestory window spanning Locker Rms 207 and 208 changed from three to two mullions such that center mullion aligns with partition between rooms.
- G - Angled railing at Office Roof eliminated, and instead roof level dropped by 2'-0" in order that exterior parapet walls could replace railing.
- H - Terracotta wall coping at Office Roof replaced with pre-cast concrete wall coping

APPROVED - PRELIMINARY REVIEW



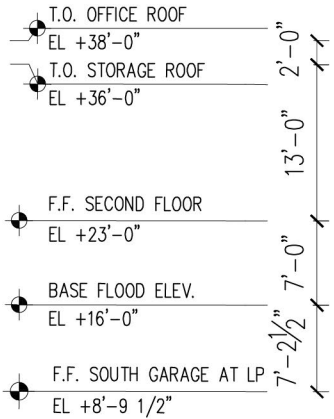
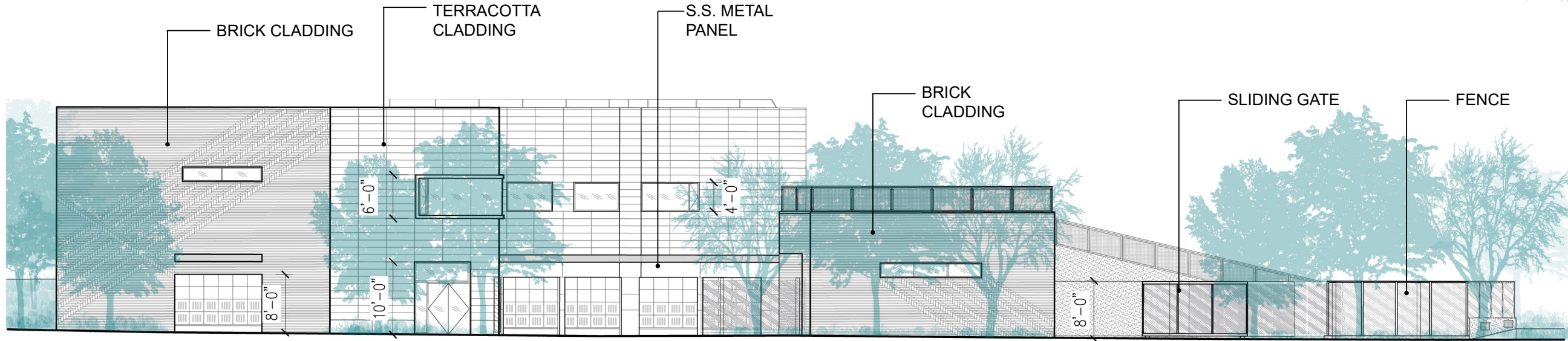
PROPOSED - FINAL DESIGN



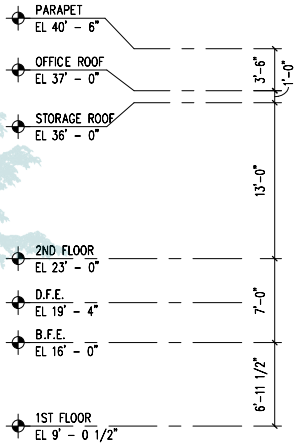
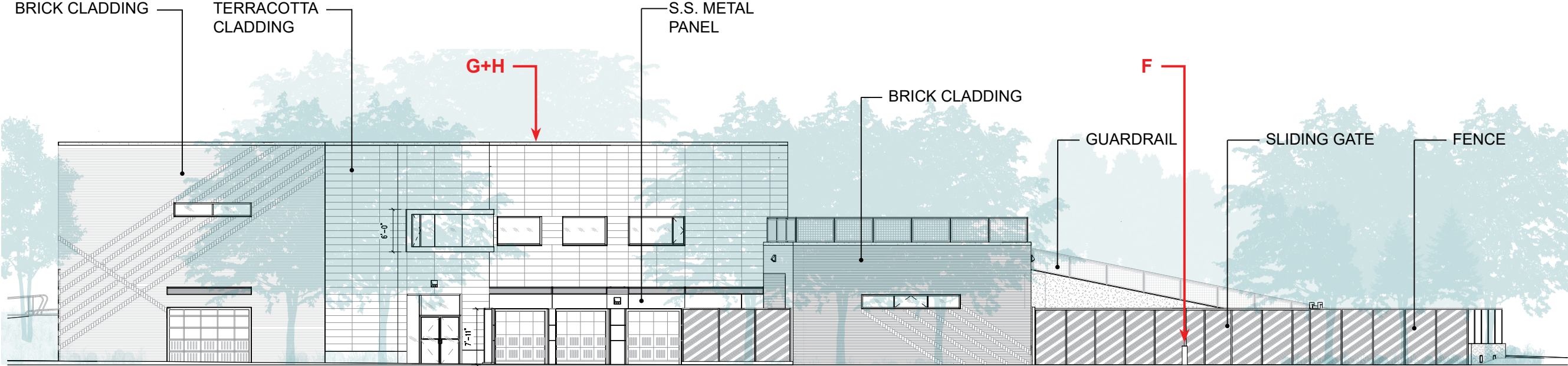
DESIGN MODIFICATIONS:

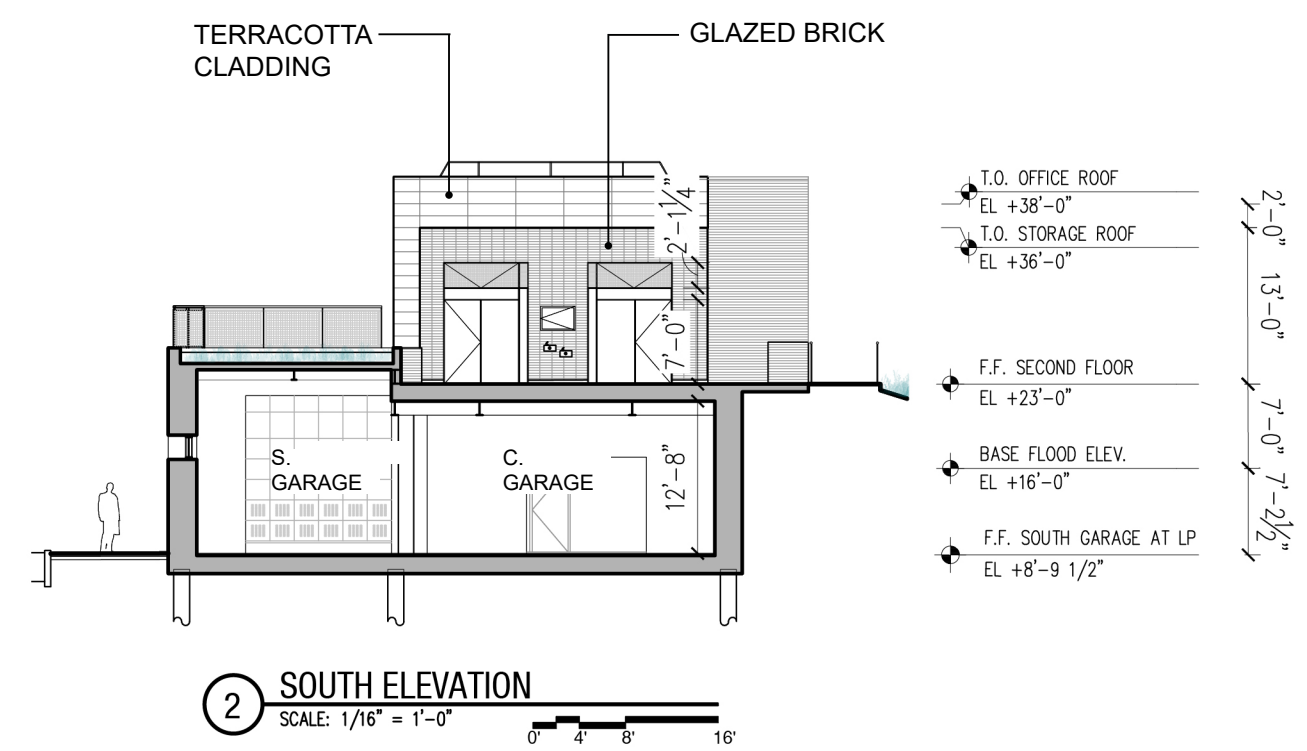
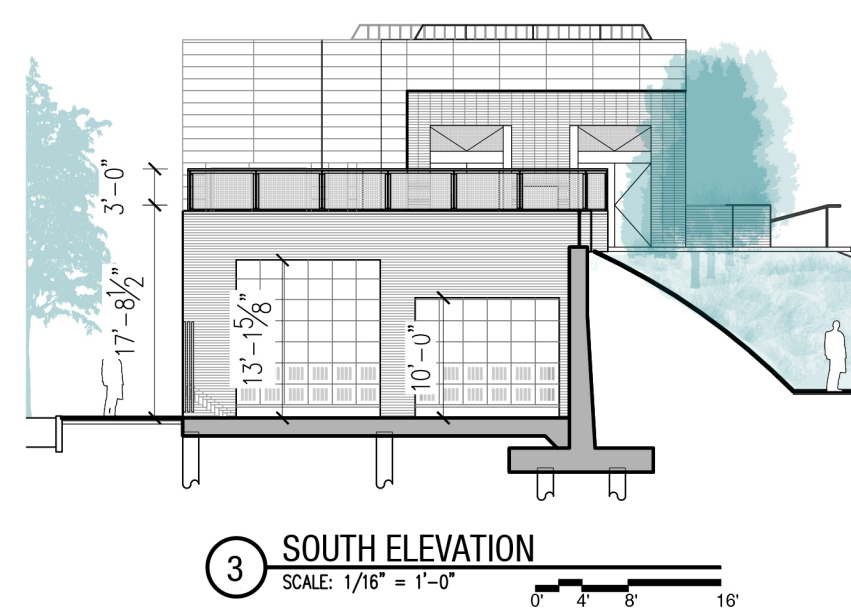
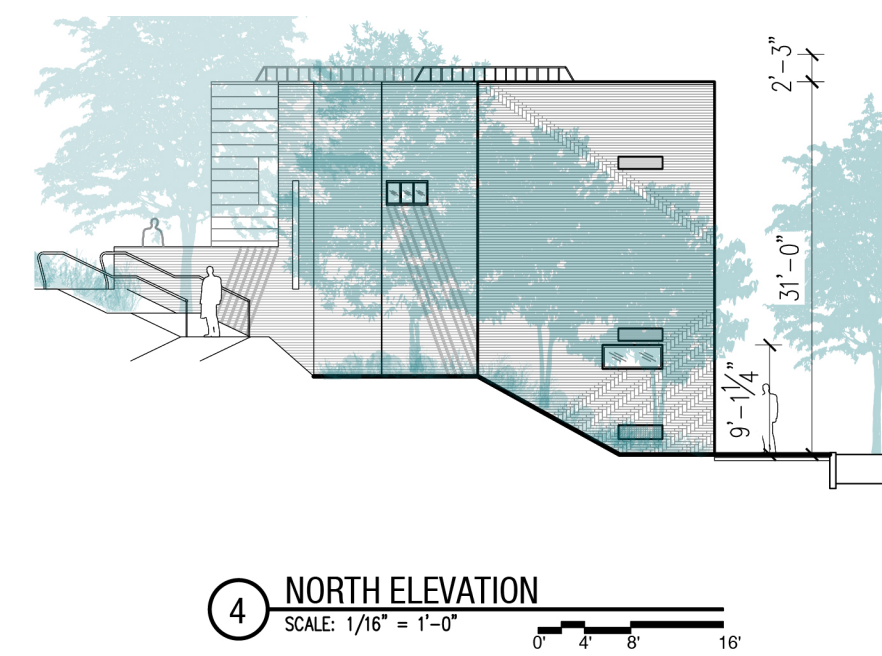
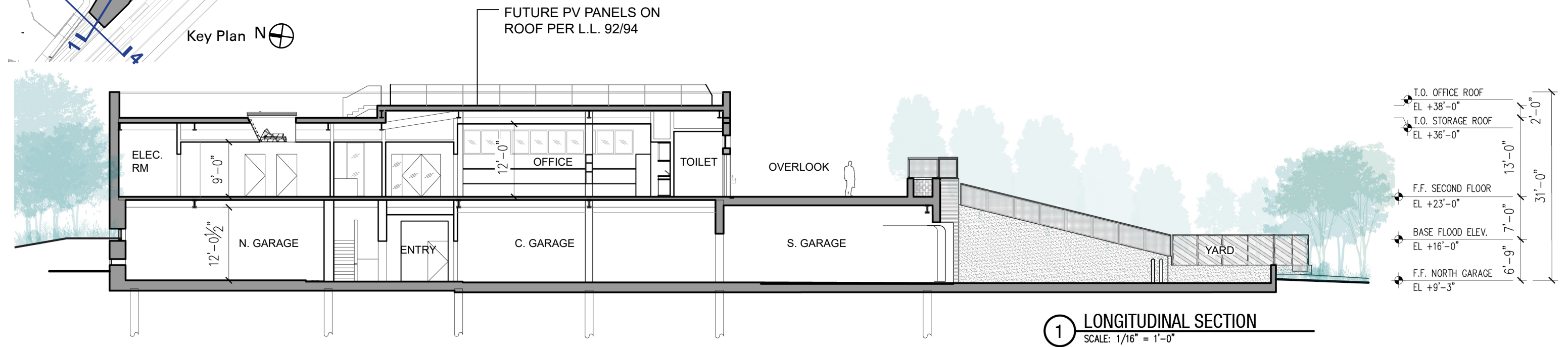
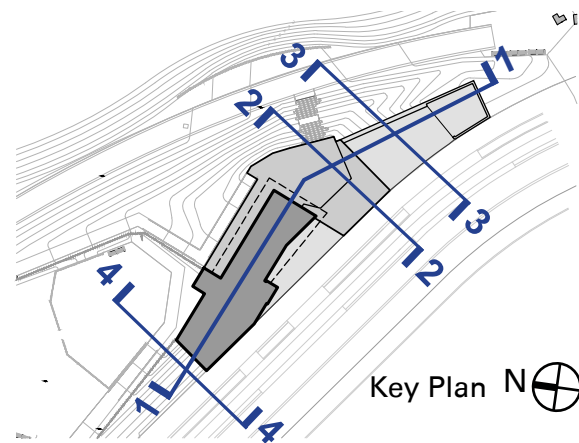
- F** - Retractable bollards added on both sides of Yard Telescopic Gate for additional lateral stability. Gate motor raised from floor level to top of gate to mitigate future interaction with flood waters
- G** - Angled railing at Office Roof eliminated, and instead roof level dropped by 2'-0" in order that exterior parapet walls could replace railing.
- H** - Terracotta wall coping at Office Roof replaced with pre-cast concrete wall coping

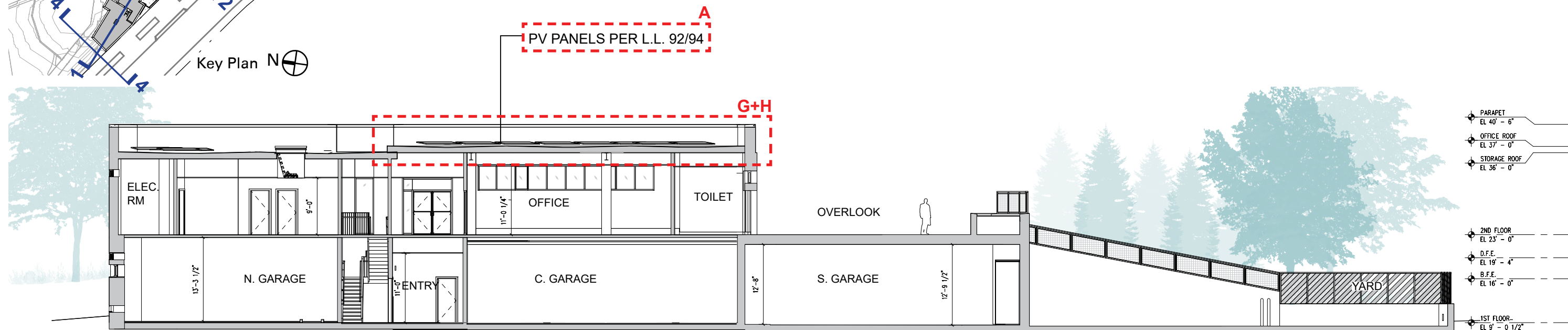
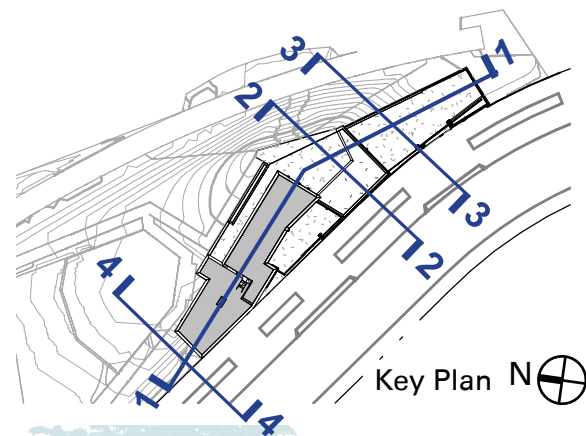
APPROVED - PRELIMINARY REVIEW



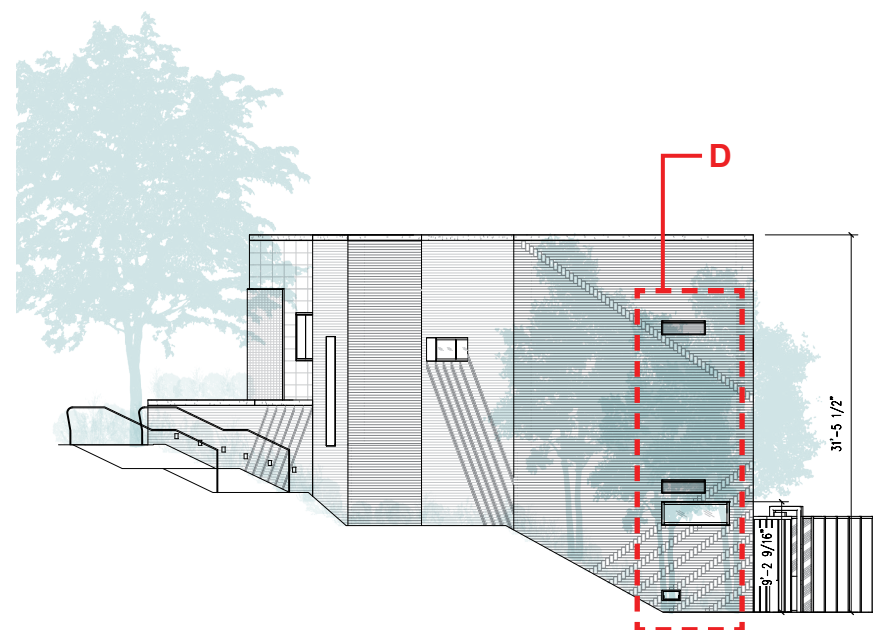
PROPOSED - FINAL DESIGN



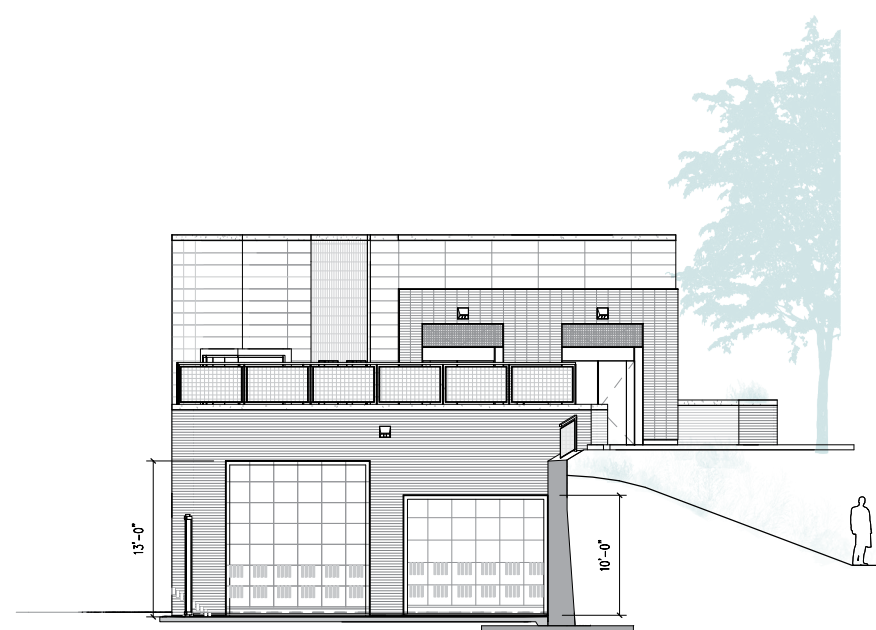




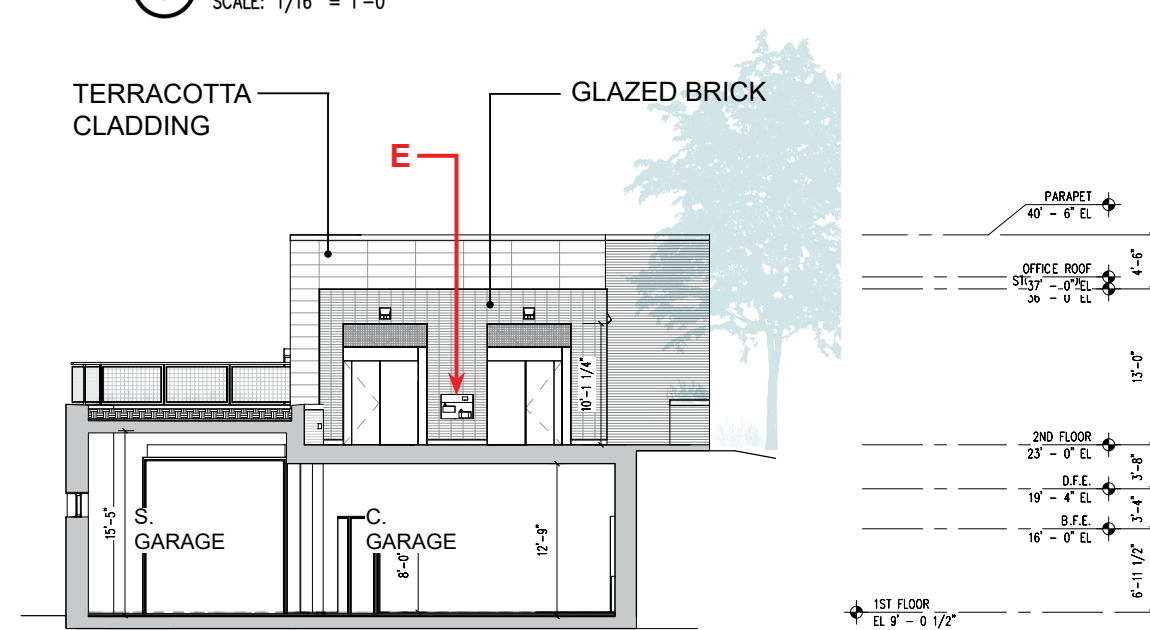
1 LONGITUDINAL SECTION
SCALE: 1/16" = 1'-0"



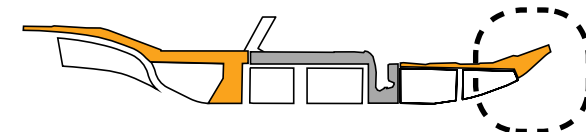
4 NORTH ELEVATION
SCALE: 1/16" = 1'-0"

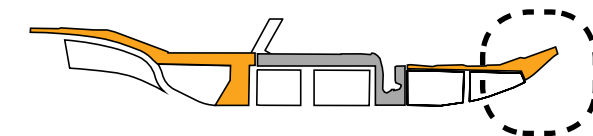
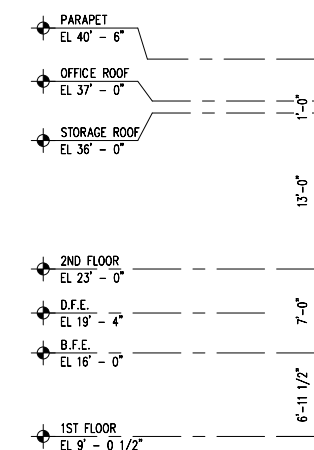
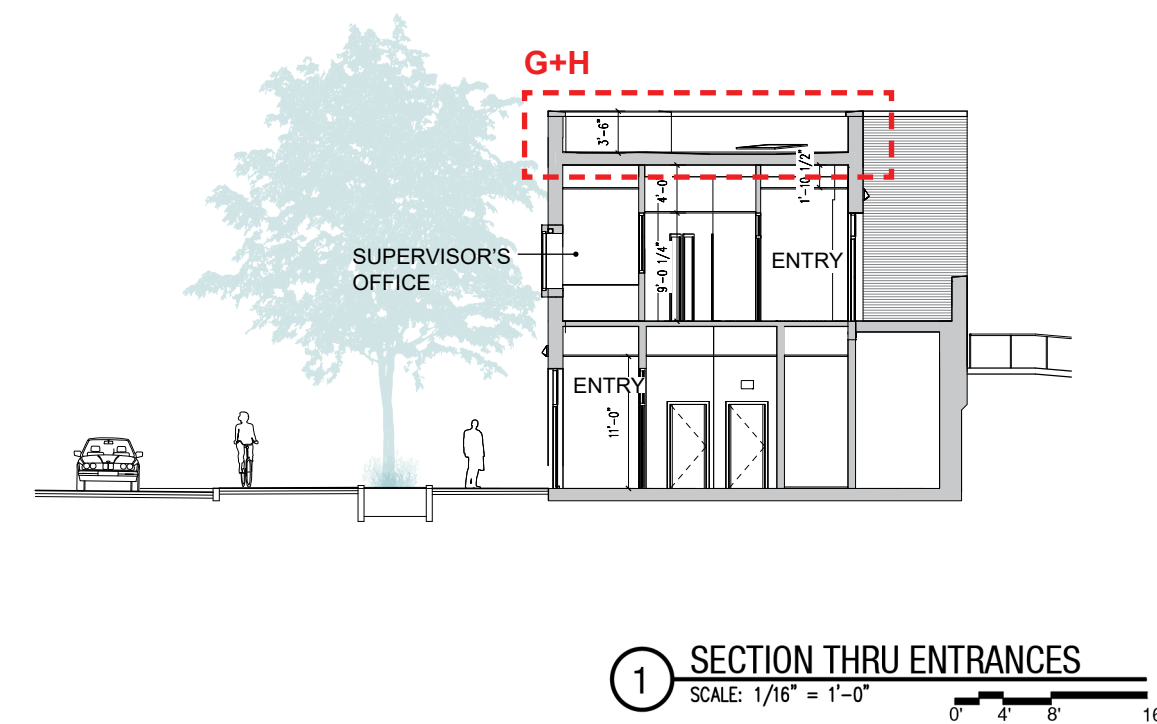
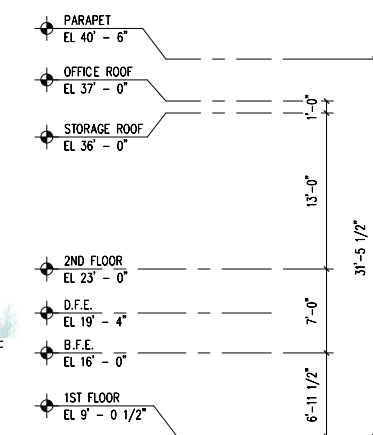
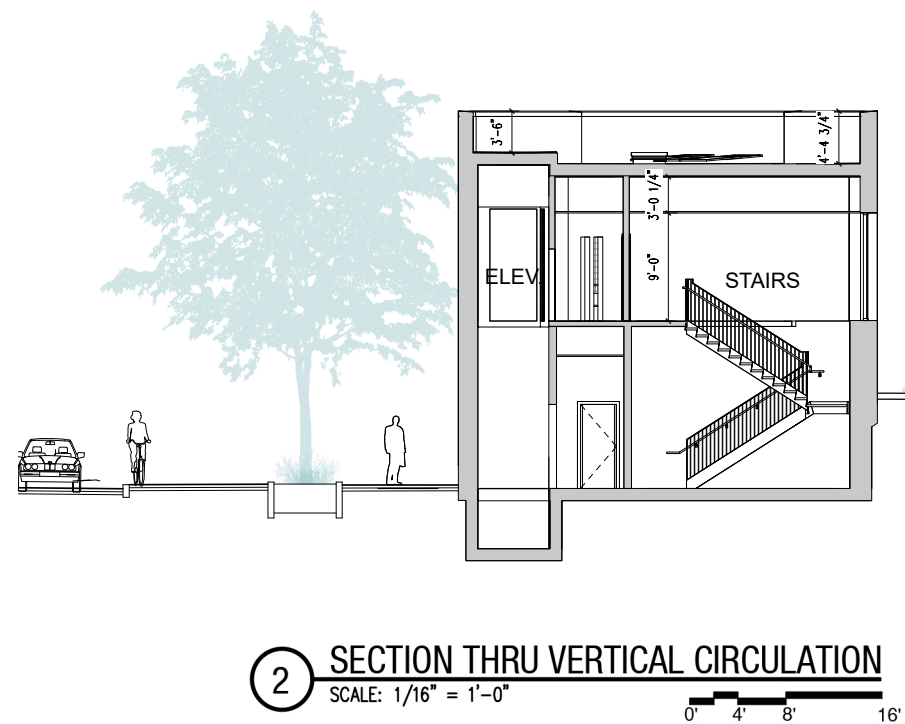
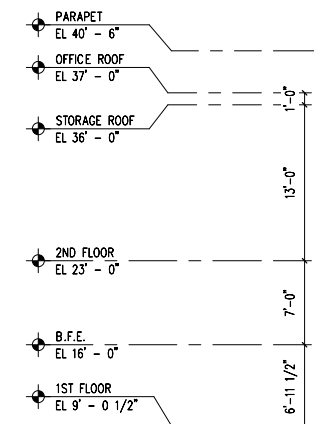
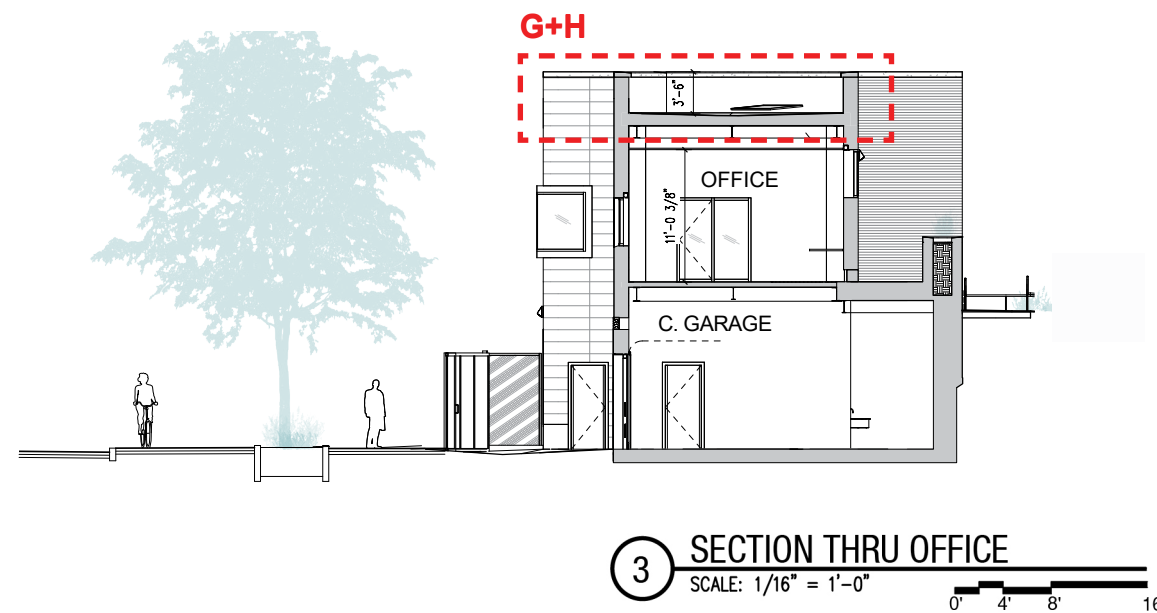
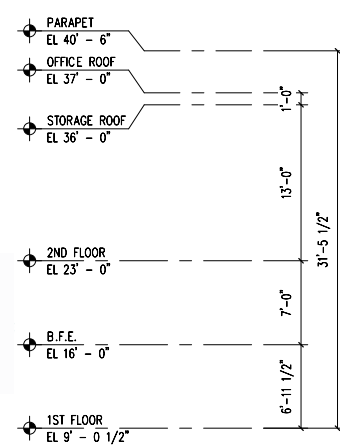
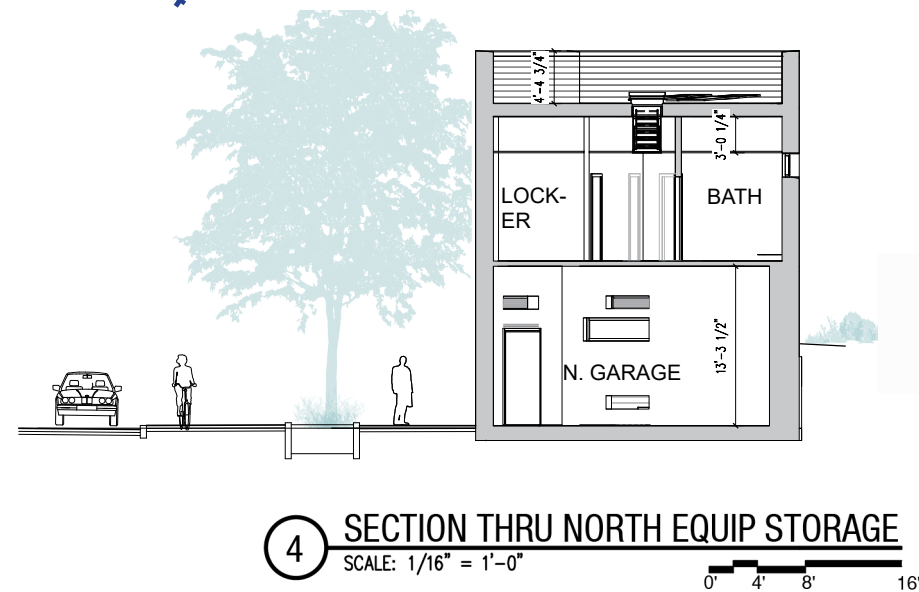
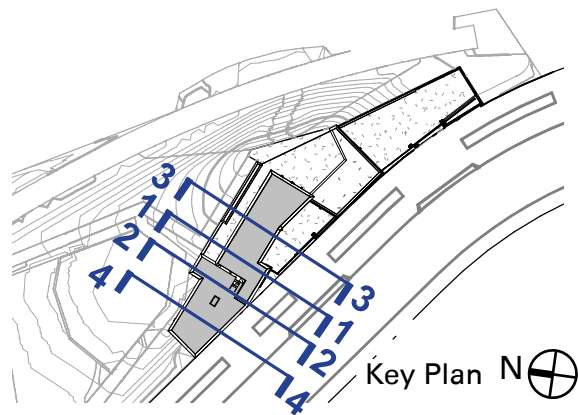


3 SOUTH ELEVATION
SCALE: 1/16" = 1'-0"

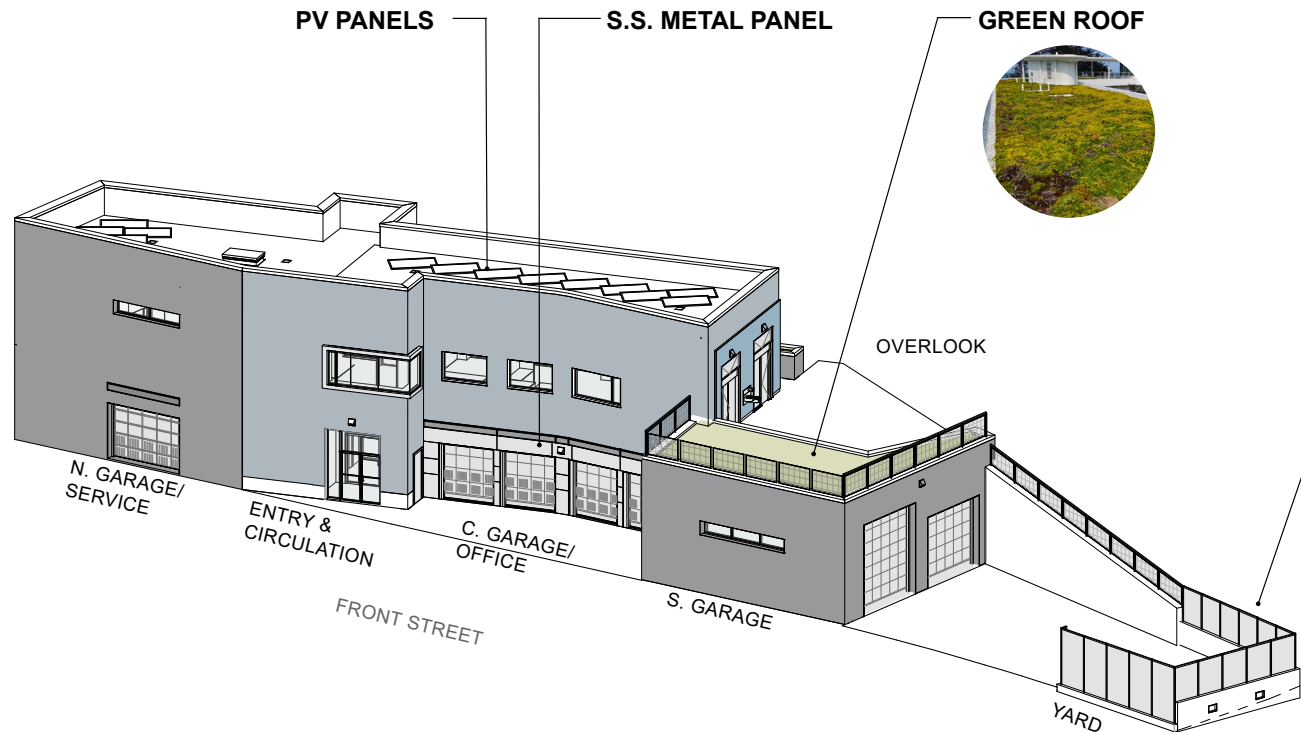


2 SOUTH ELEVATION
SCALE: 1/16" = 1'-0"

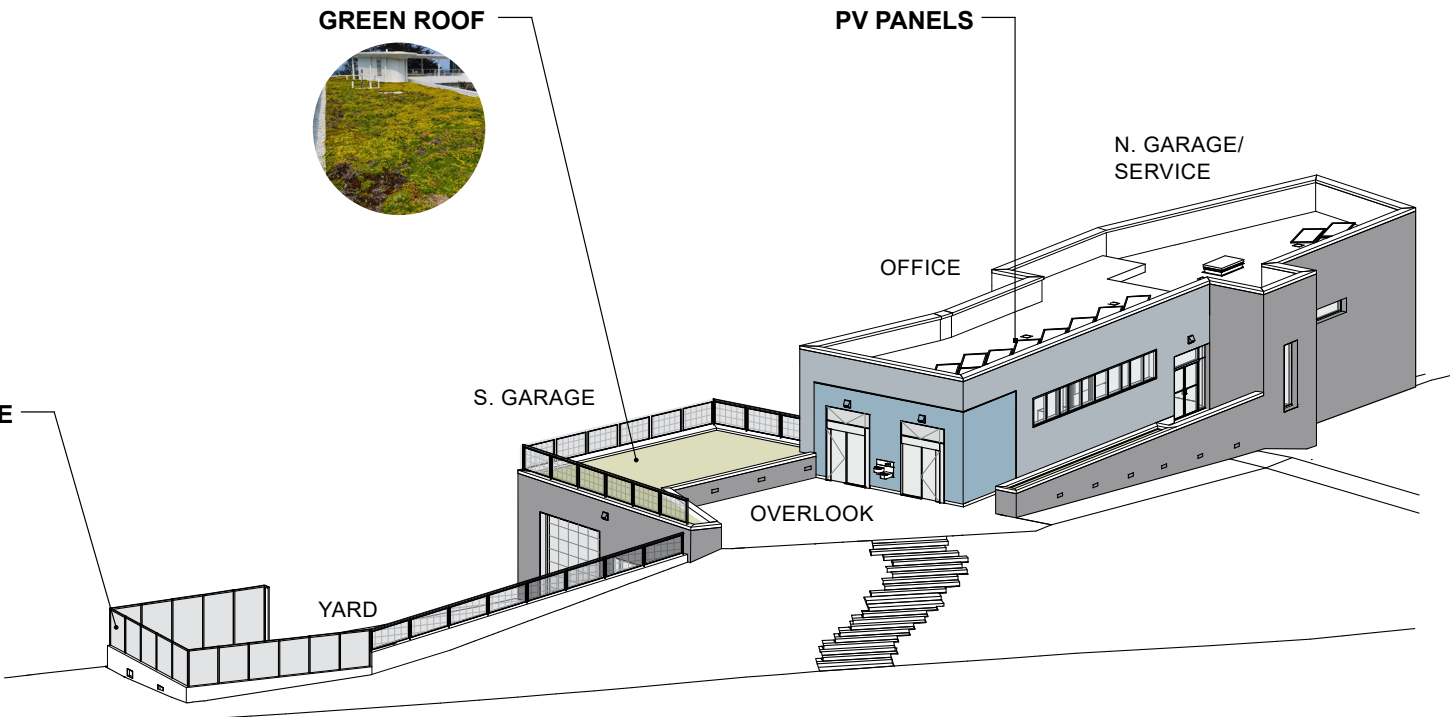




APPROVED PRELIMINARY REVIEW MATERIAL PALETTE



AXONOMETRIC VIEW FROM SOUTH WEST (STREET) SIDE



AXONOMETRIC VIEW FROM SOUTH EAST (PARK) SIDE

BRICK CLADDING



Manufacturer: Kingston
Product: Pozzotive
Color: Lexington Grey
Finish: Matte



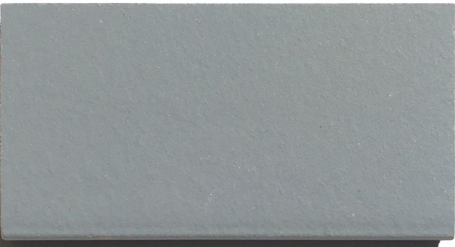
GLEN-GERY G-601



TERRACOTTA RAIN SCREEN



Manufacturer: Boston Valley TerraCotta
Product: TerraClad
Color: Custom, Match to Benjamin Moore “Deep Silver” #2124-30
Finish: Engobe, Matte



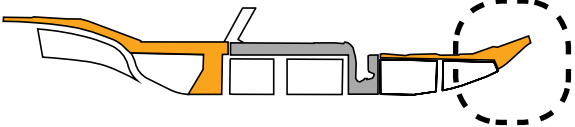
GLAZED BRICK (DPR STANDARD)



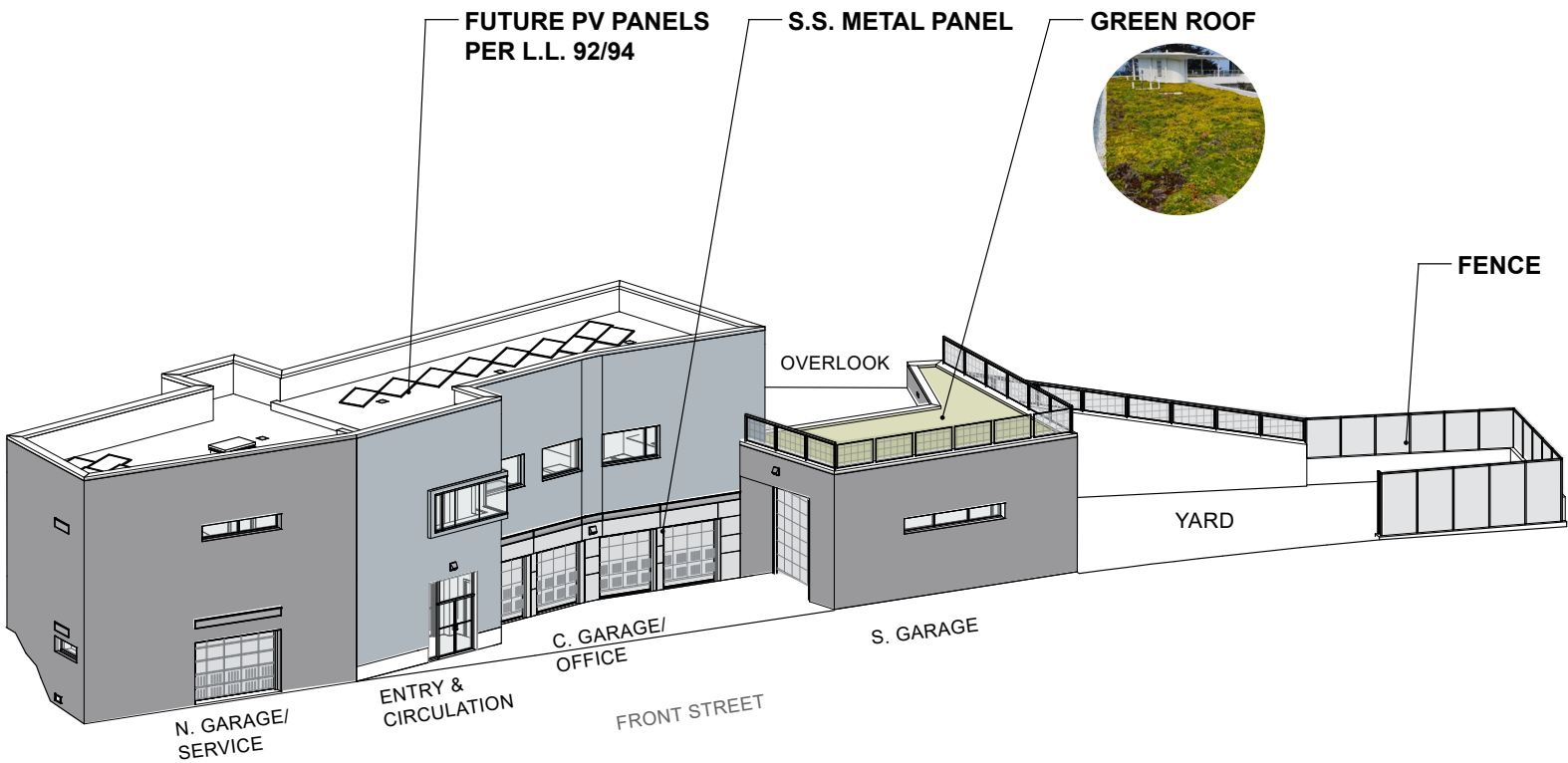
Manufacturer: Elgin Butler Company
Product: 6S - Glazed Brick
Color: Neptune Blue
Mortar: Glen-Gery G-601



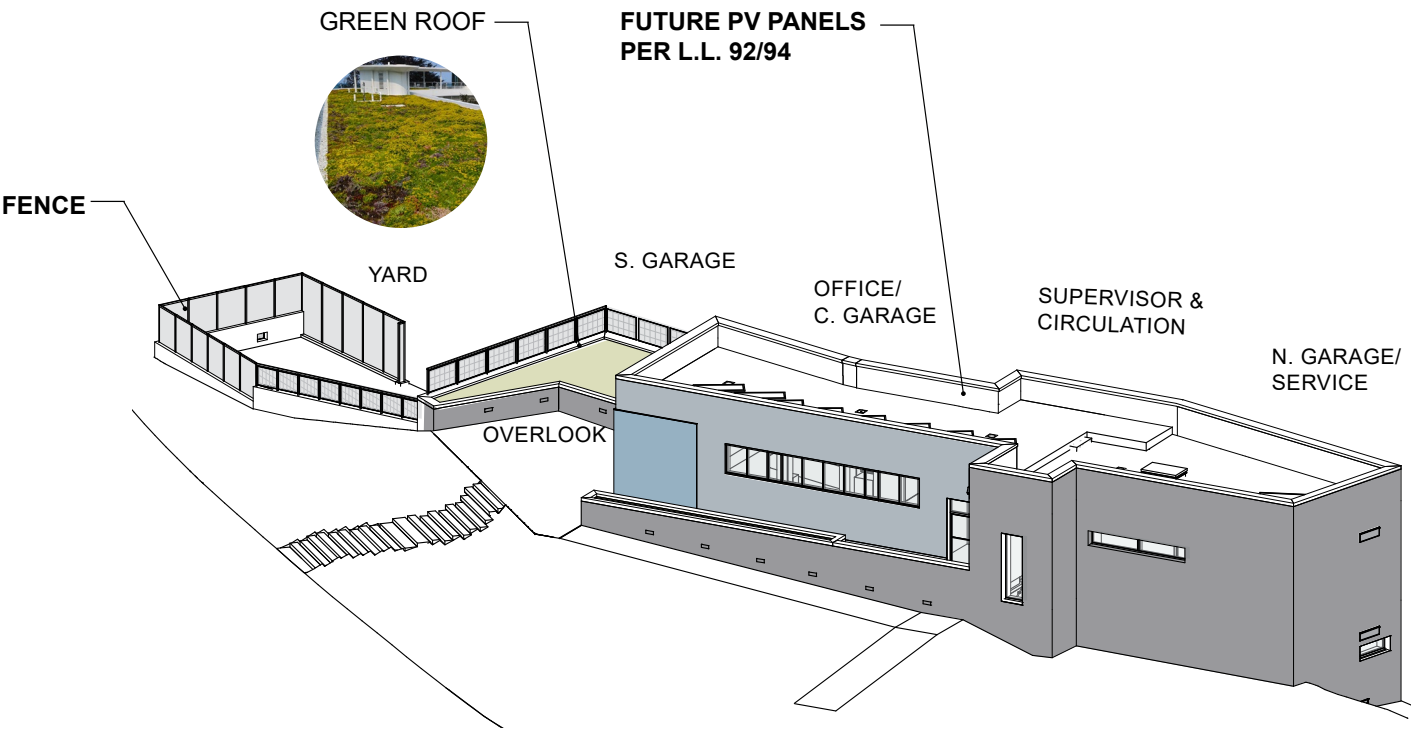
GLEN-GERY G-601



APPROVED PRELIMINARY REVIEW MATERIAL PALETTE



AXONOMETRIC VIEW FROM NORTH WEST (STREET) SIDE



AXONOMETRIC VIEW FROM NORTH EAST (PARK) SIDE

BRICK CLADDING



Manufacturer: Kingston
Product: Pozzotive
Color: Lexington Grey
Finish: Matte



GLEN-GERY G-601



TERRACOTTA RAIN SCREEN



Manufacturer: Boston Valley TerraCotta
Product: TerraClad
Color: Custom, Match to Benjamin Moore "Deep Silver" #2124-30
Finish: Engobe, Matte



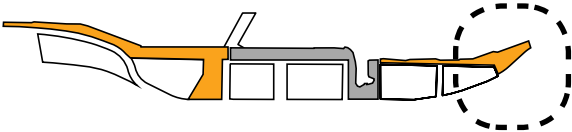
GLAZED BRICK (DPR STANDARD)

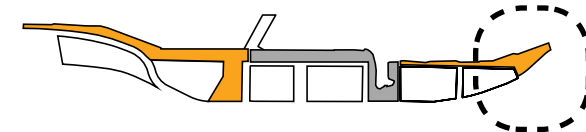
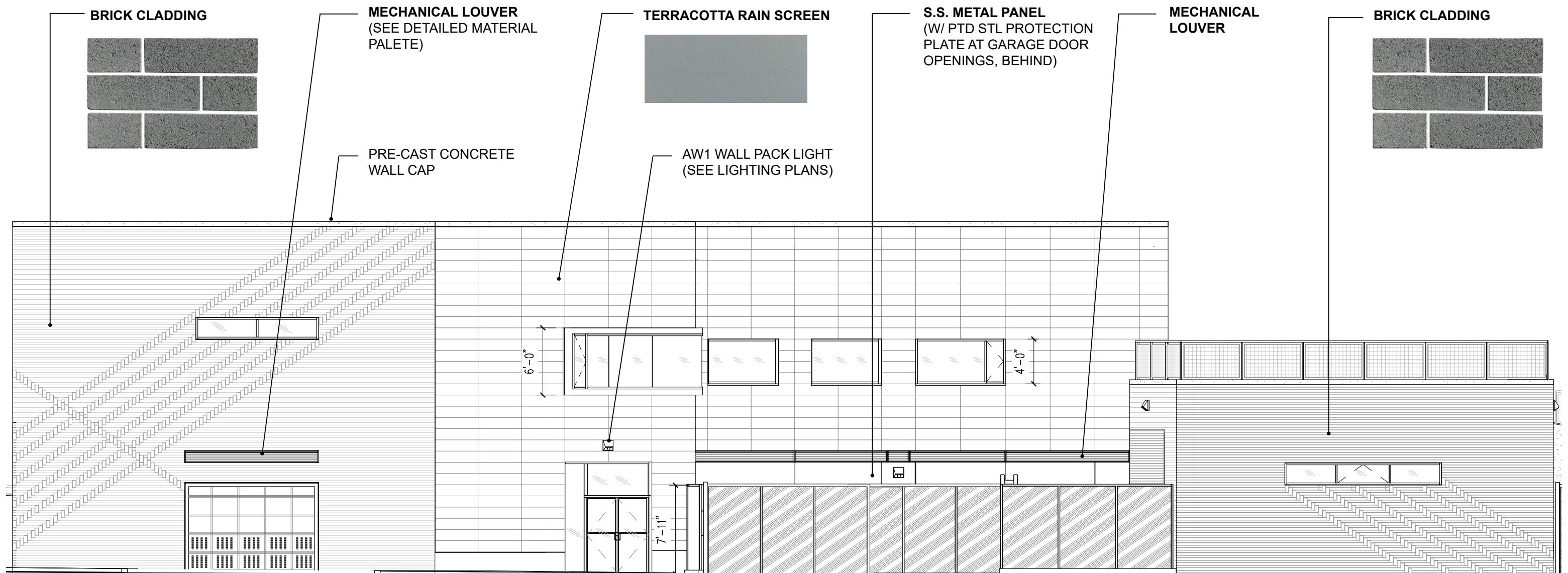
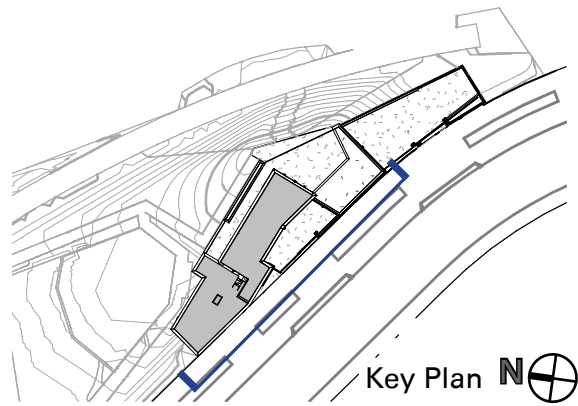


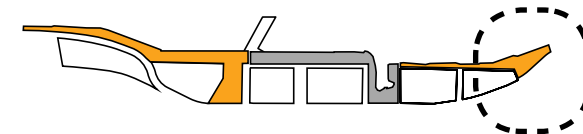
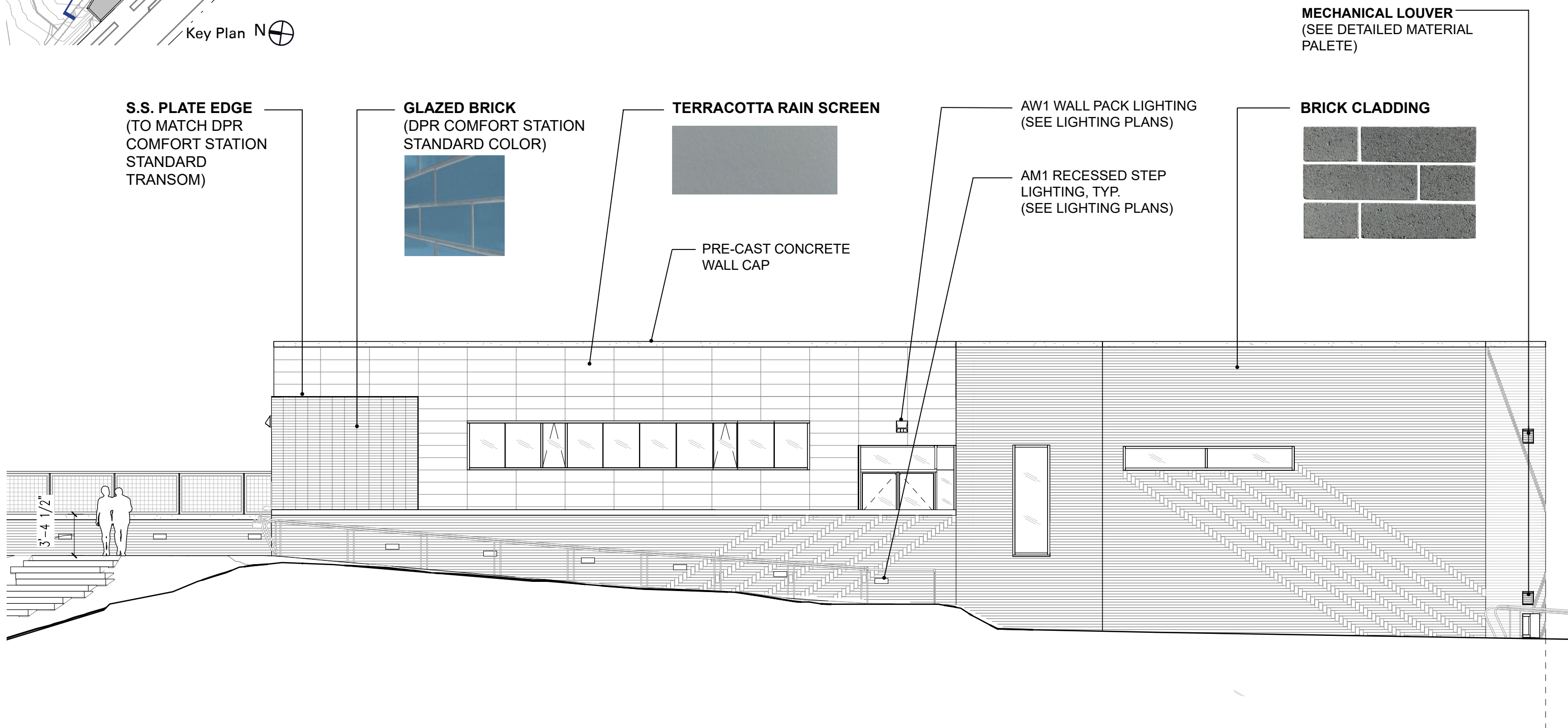
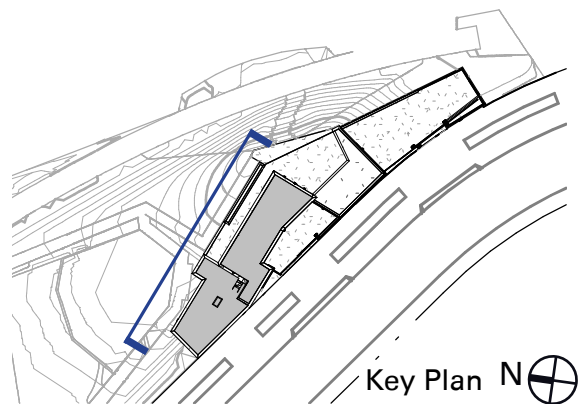
Manufacturer: Elgin Butler Company
Product: 6S - Glazed Brick
Color: Neptune Blue
Mortar: Glen-Gery G-601

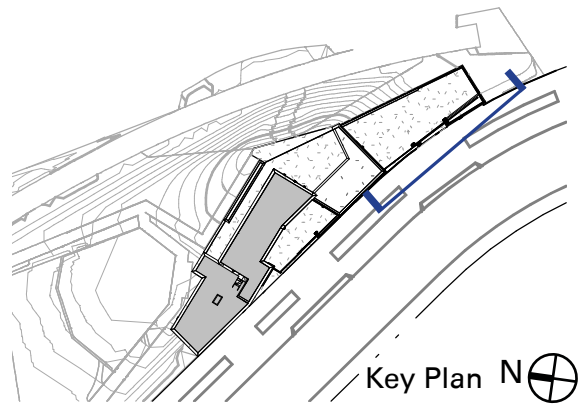


GLEN-GERY G-601





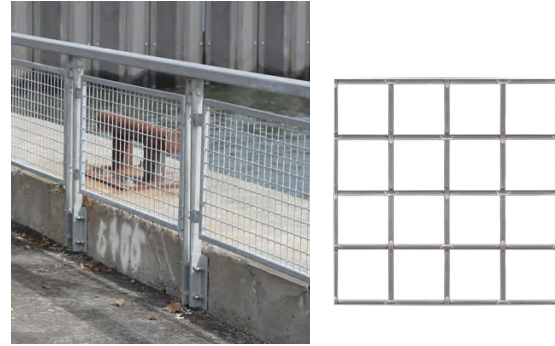




RAILING

Type: Guard Railing
 Panel Type: Square 1" Woven Wire Mesh
 Material: Steel
 Finish: Powder Coated Galvanized

Reference Image:



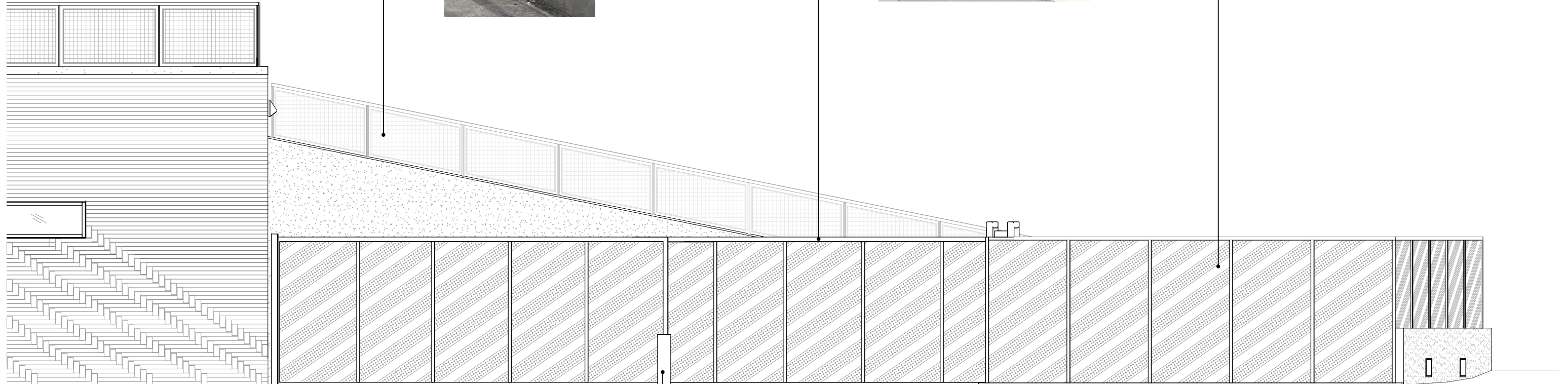
GATES

Type: Motorized Sliding Gate
 Angled Perforated Pattern and Sheet Metal Infill
 Material: Steel
 Finish: Powder Coated Galvanized
 Reference Image:



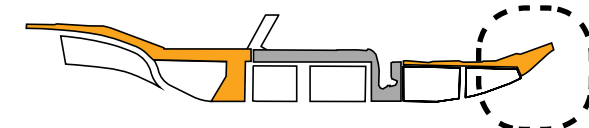
FENCES

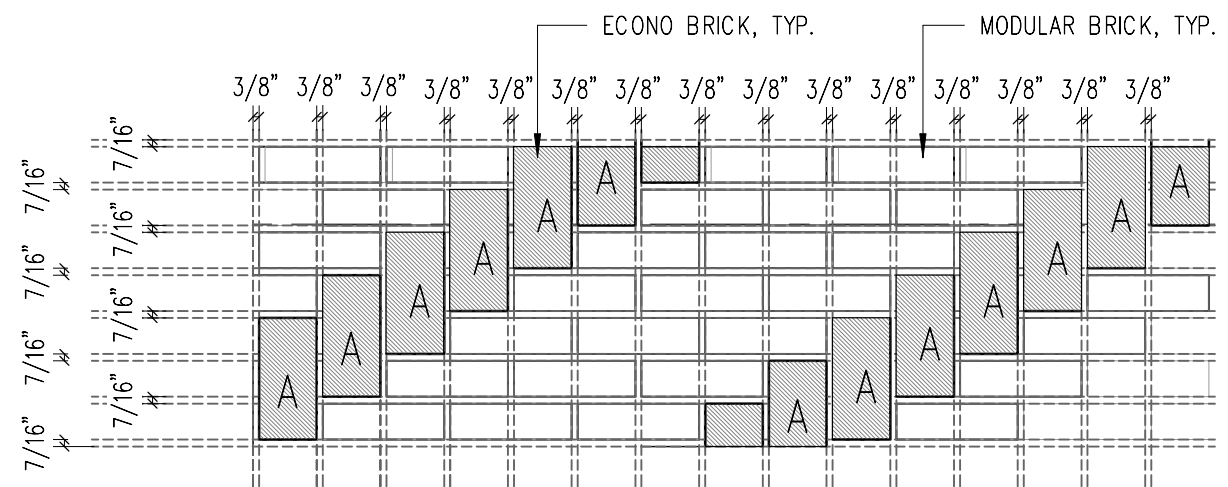
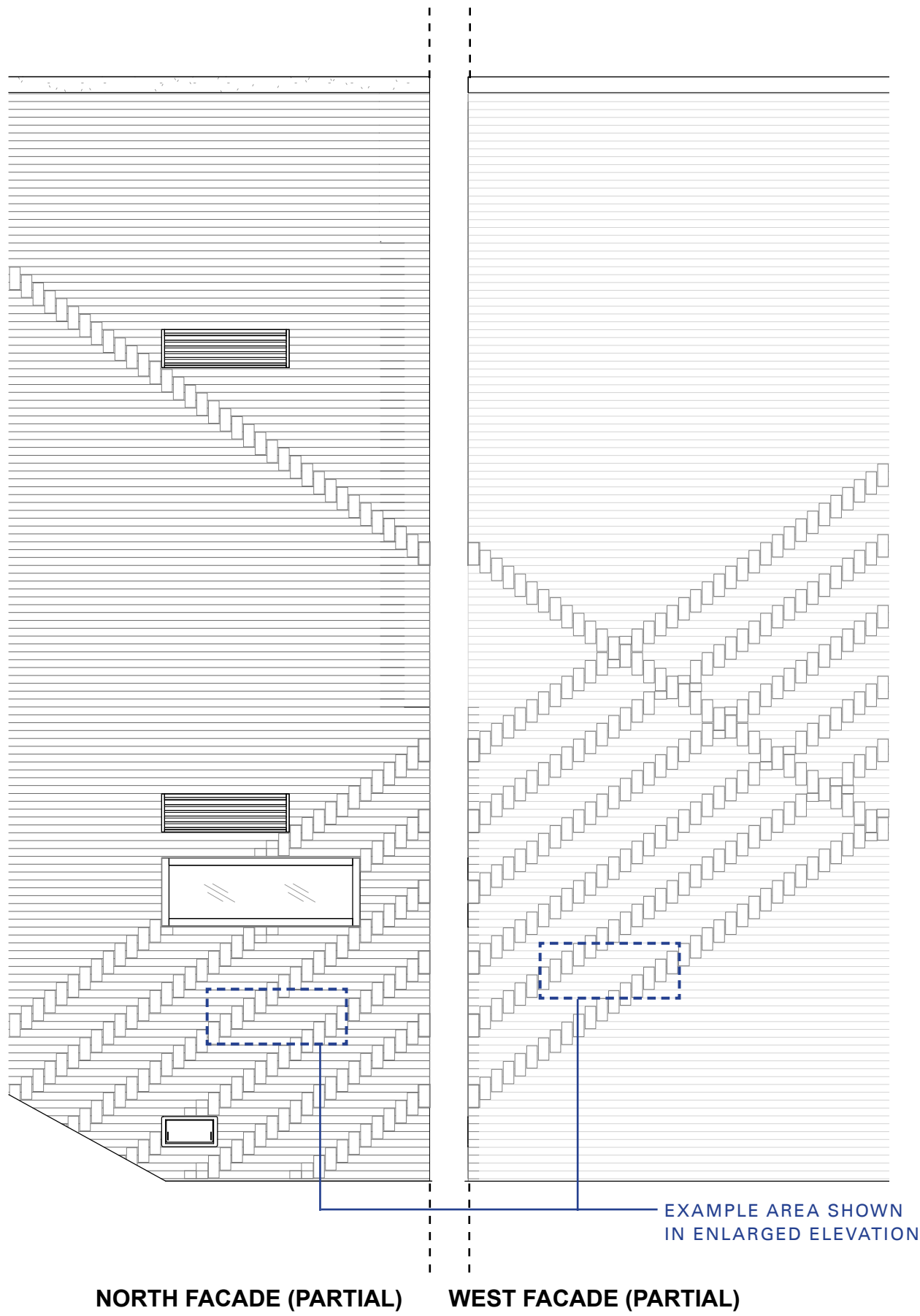
Type: Metal Fence
 Angled Perforated Pattern and Sheet Metal Infill
 Material: Steel
 Finish: Powder Coated Galvanized



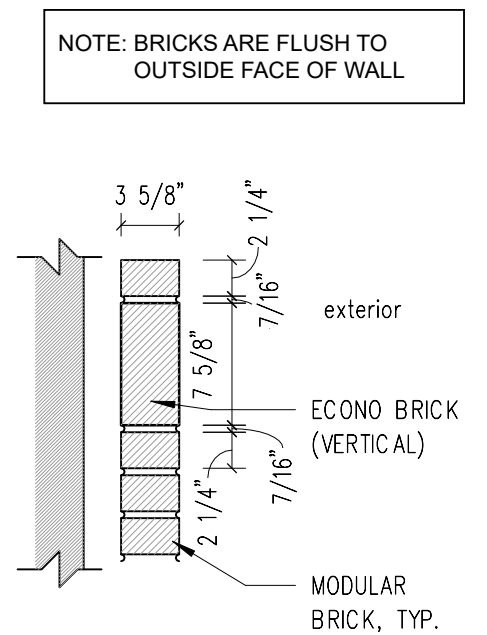
RETRACTABLE BOLLARD

1 ENLARGED ELEVATION AT YARD
 SCALE: 1/4" = 1'-0"
 0' 1' 2' 4'



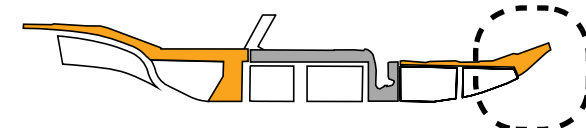


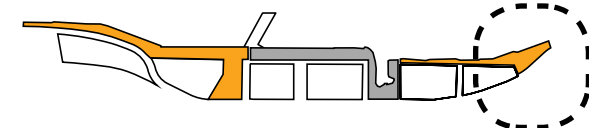
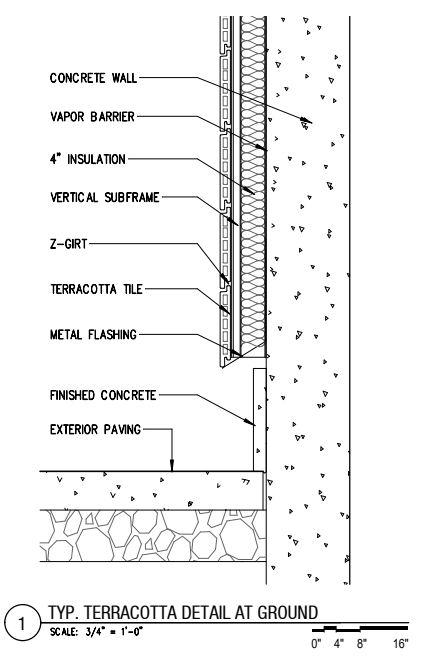
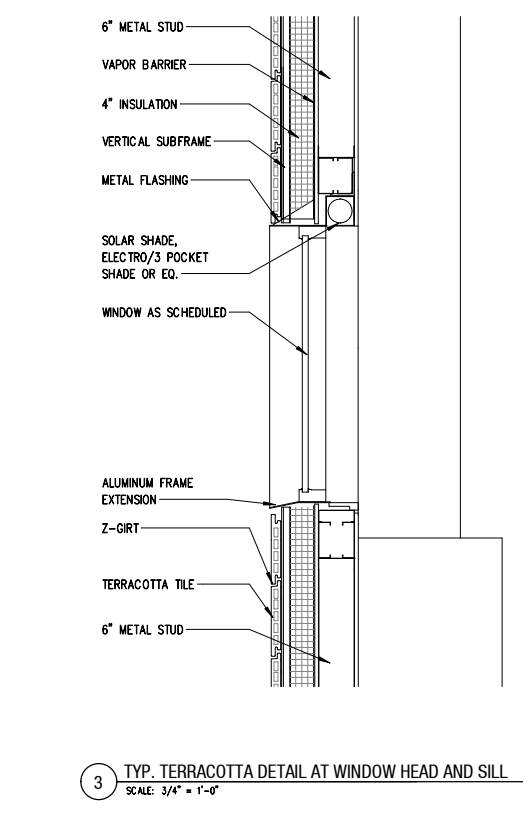
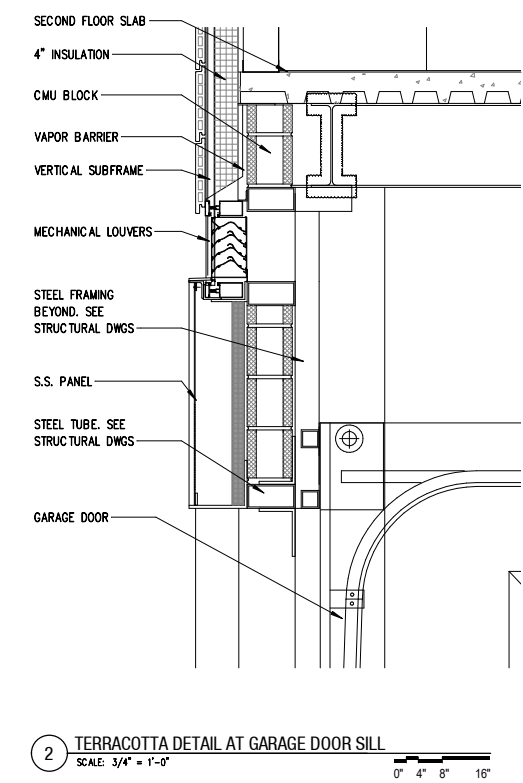
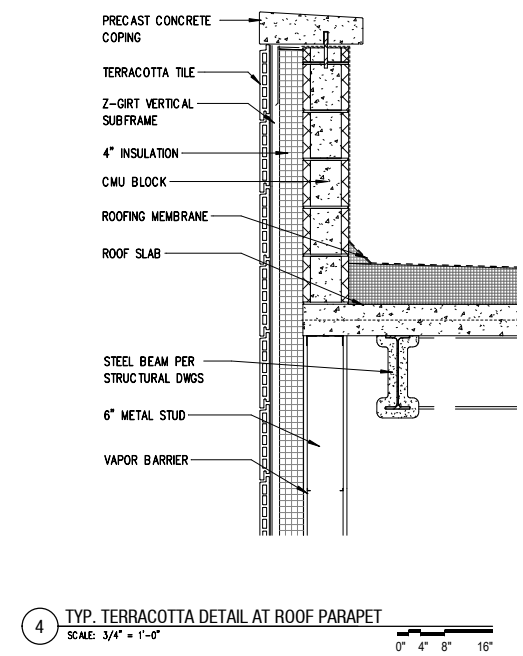
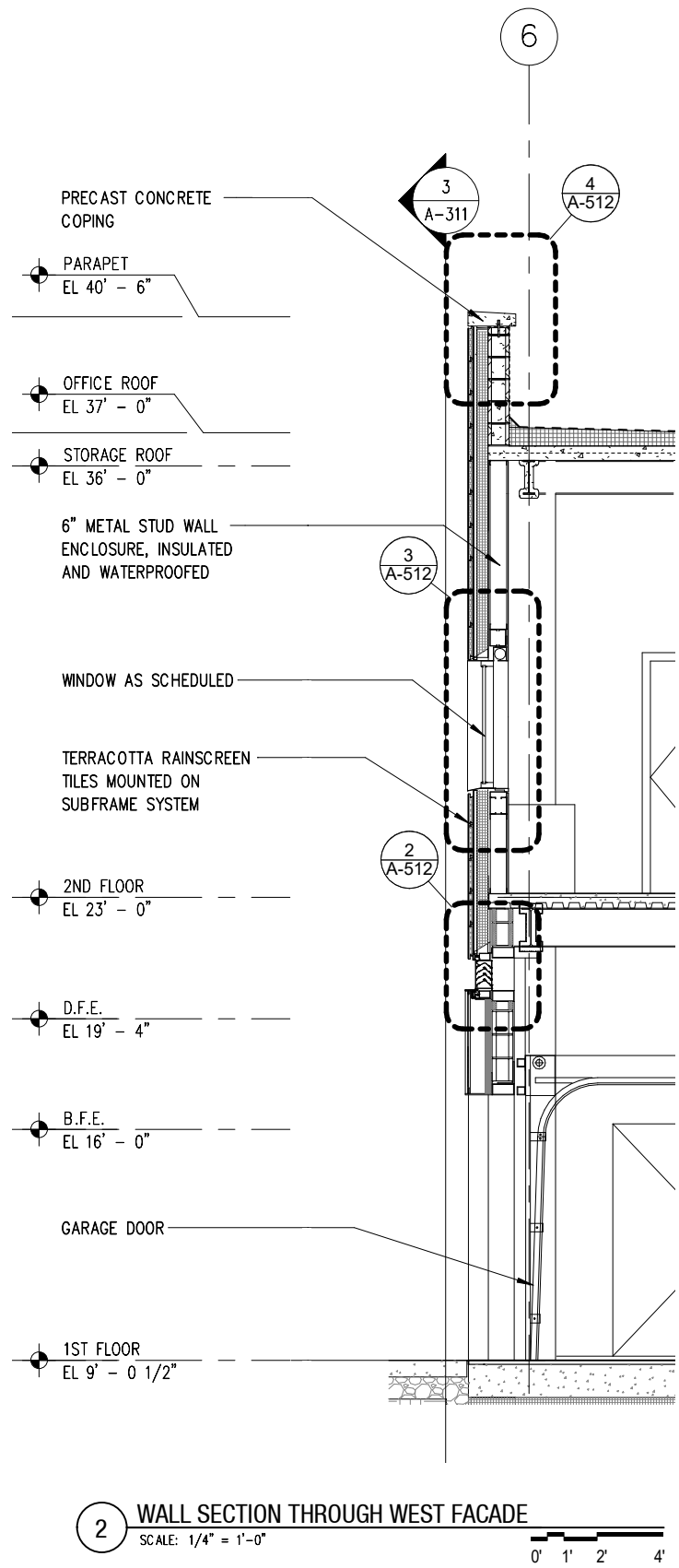
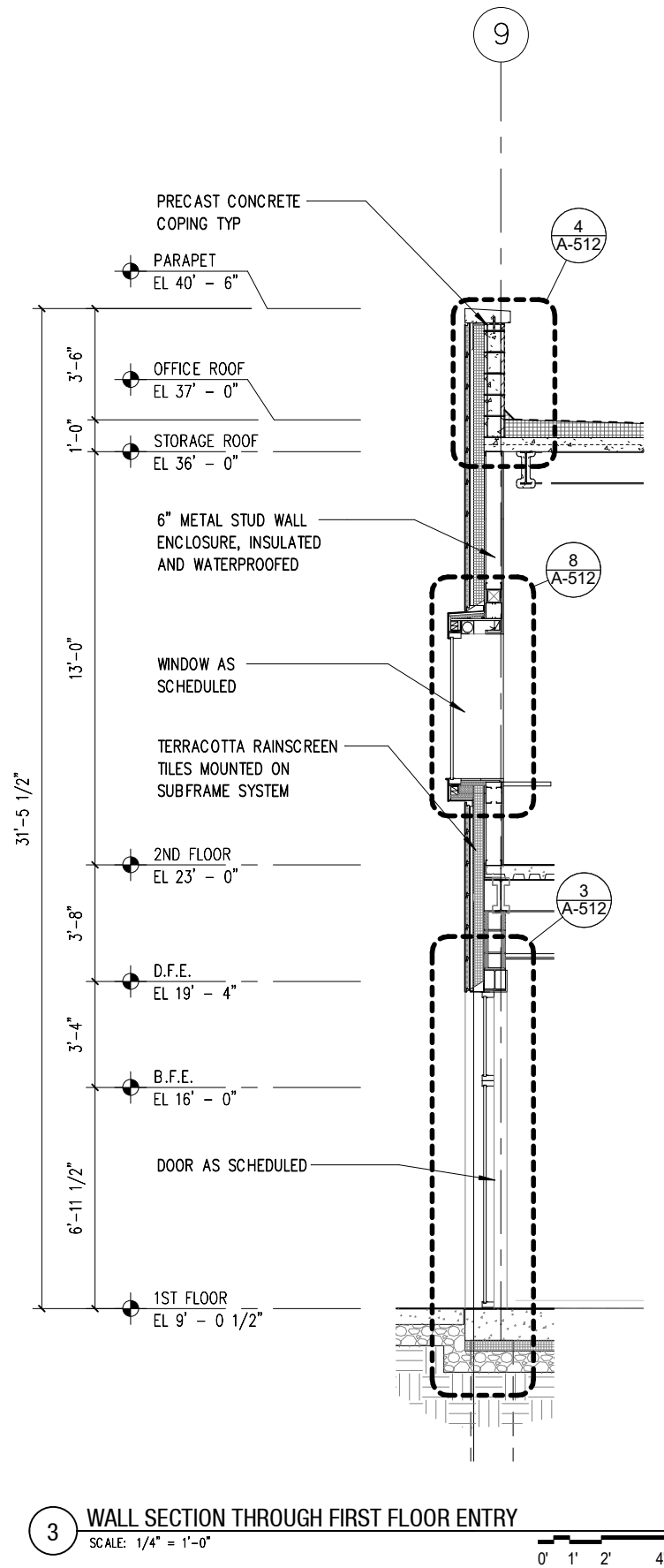
ENLARGED ELEVATION

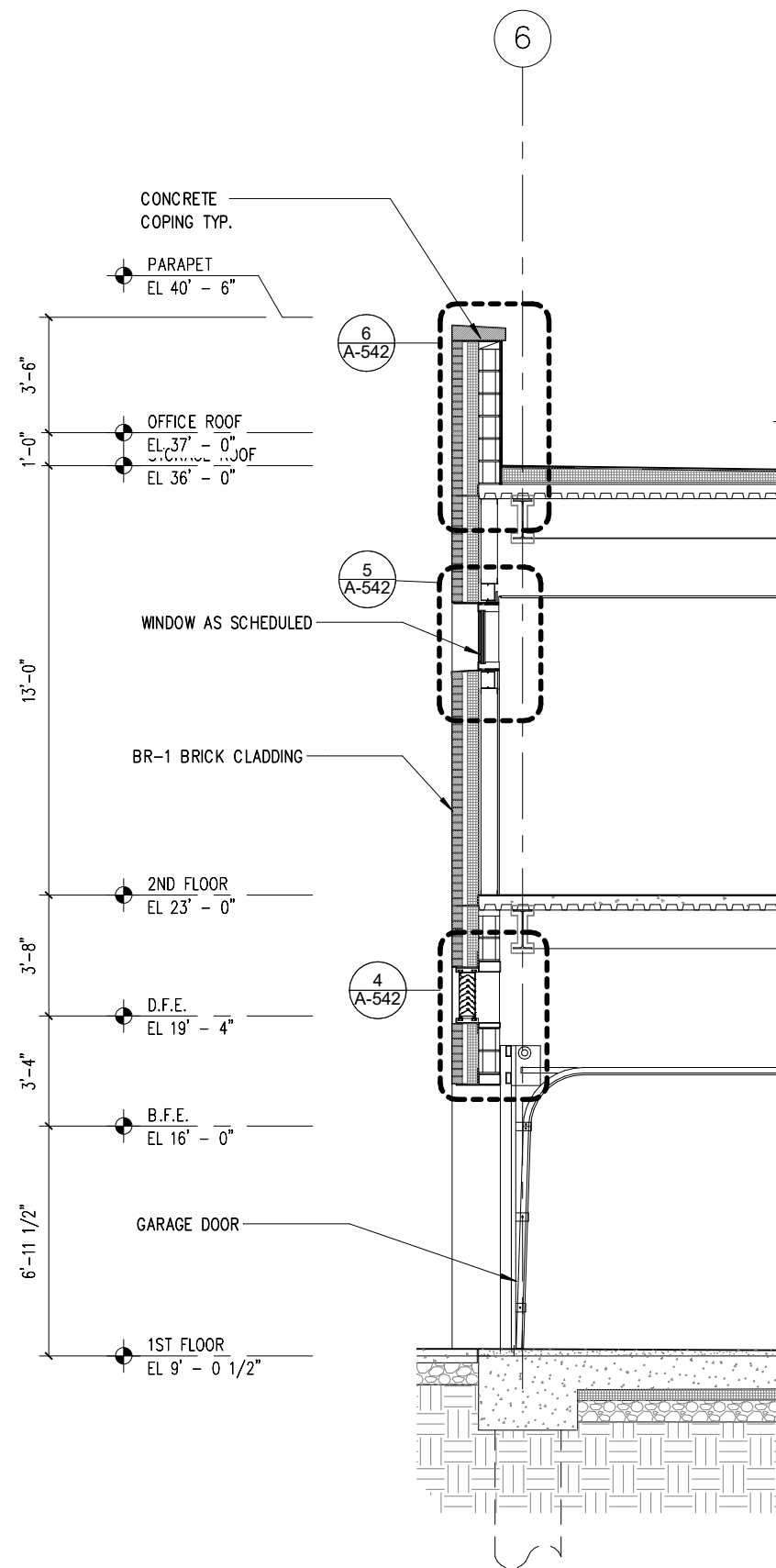


ENLARGED SECTION

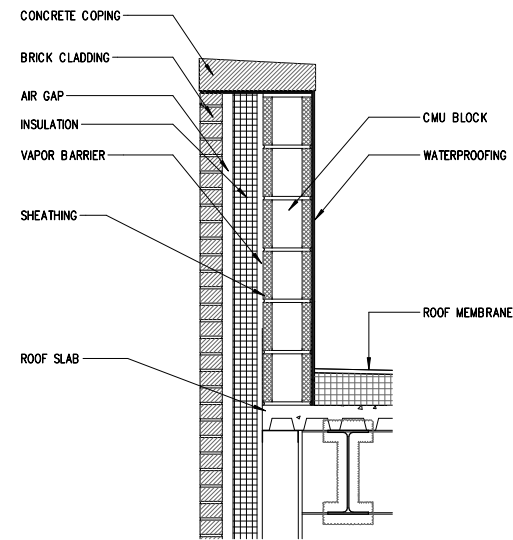
NOTE: BRICKS ARE FLUSH TO
OUTSIDE FACE OF WALL



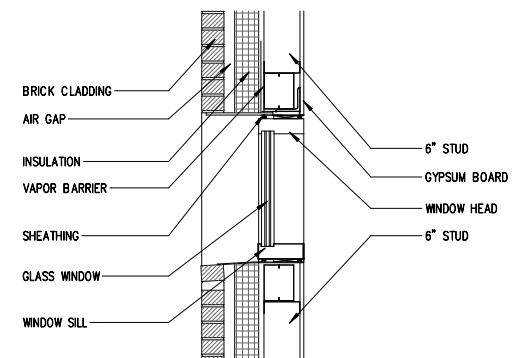




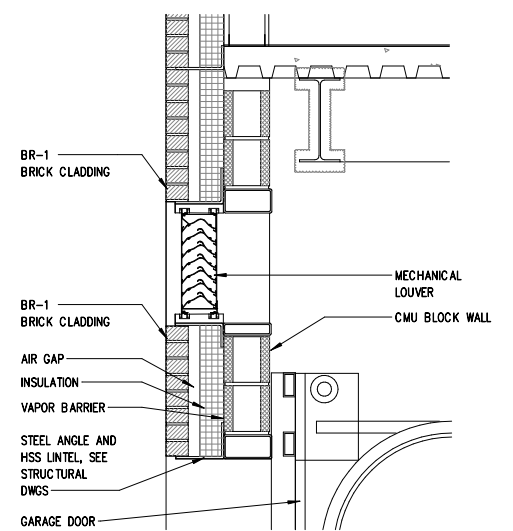
2 MPA WALL SECTION AT NORTH STORAGE GARAGE DOOR
SCALE: 1/4" = 1'-0"



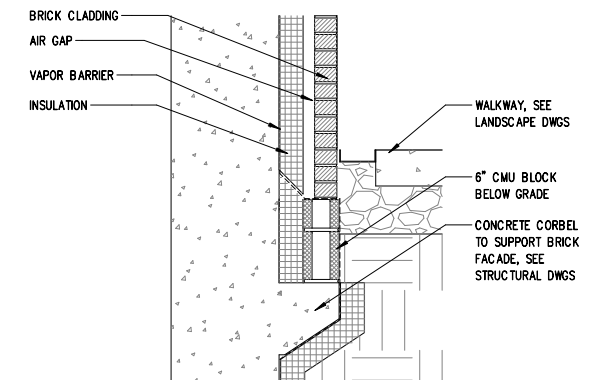
6 TYP. BRICK PARAPET DETAIL
SCALE: 3/4" = 1'-0"



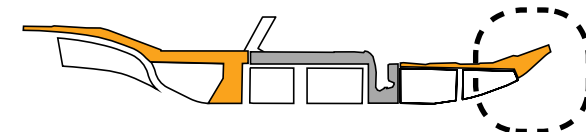
5 TYP. WINDOW DETAIL AT BRICK STUD WALL
SCALE: 3/4" = 1'-0"

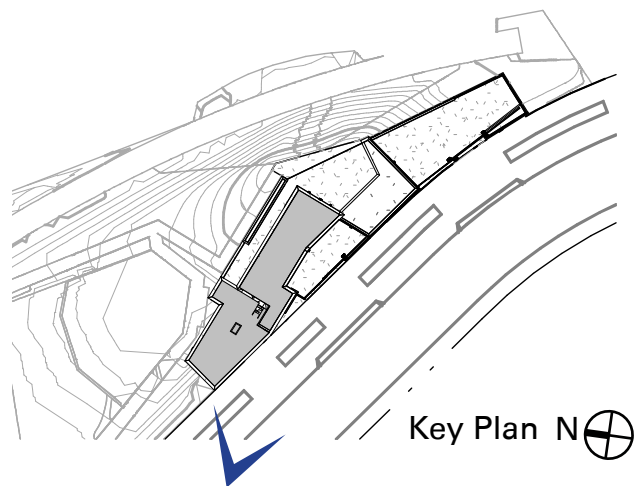


4 SECTION DETAIL AT N. GARAGE DOOR
SCALE: 3/4" = 1'-0"

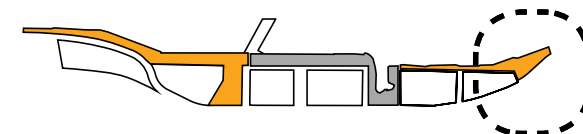


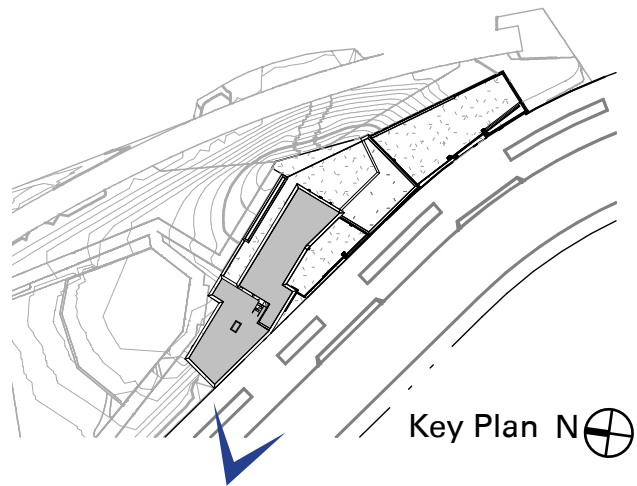
2 BRICK SUPPORT DETAIL @ RETAINING WALL
SCALE: 3/4" = 1'-0"





CONTEXTUAL REFERENCE:
JABURG BROS. BAKERY SUPPLY BUILDING (1912),
151 FRONT STREET

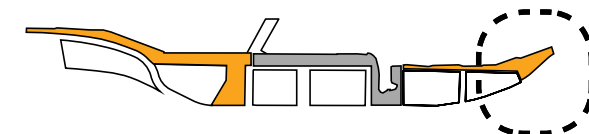


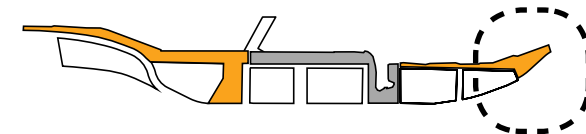
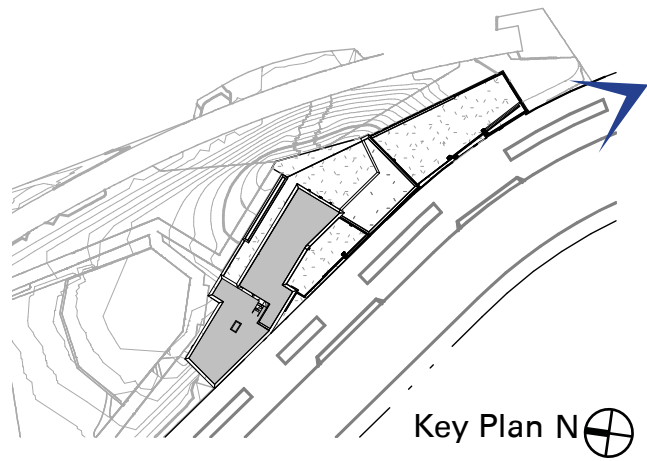


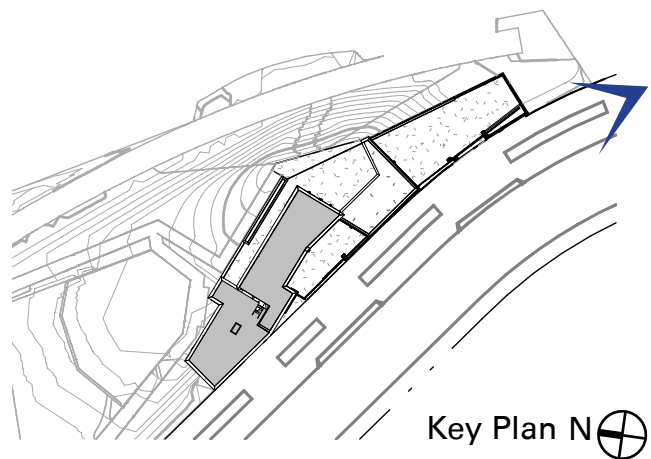
Note: Planting in foreground has been omitted in rendering for clear view of building



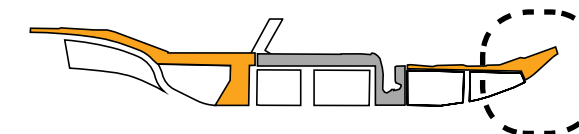
CONTEXTUAL REFERENCE:
JABURG BROS. BAKERY SUPPLY BUILDING (1912),
151 FRONT STREET

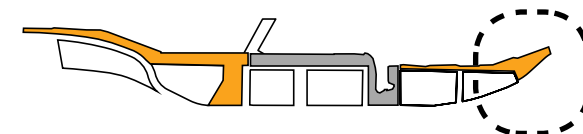
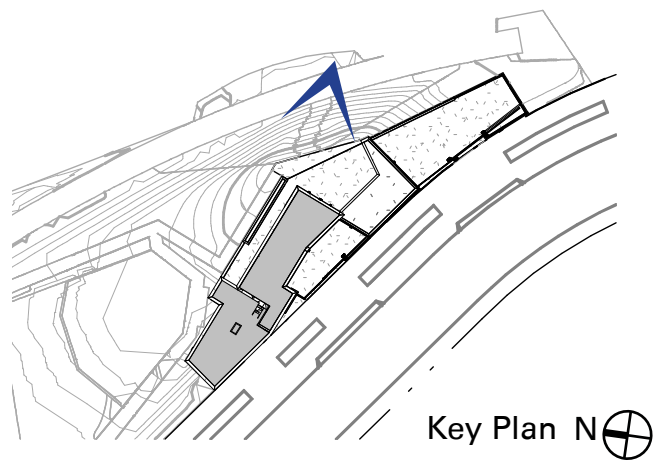


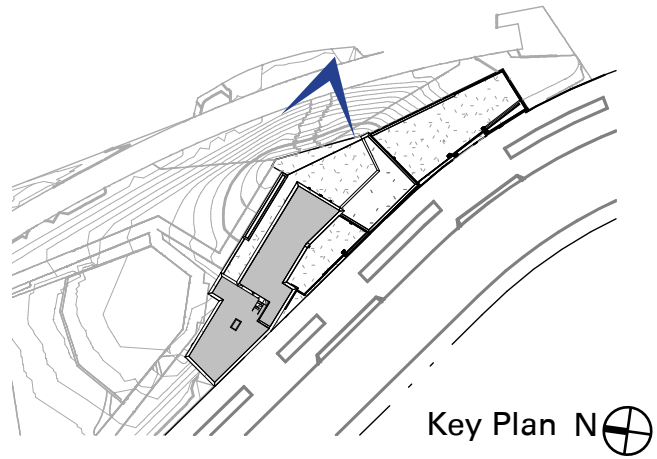




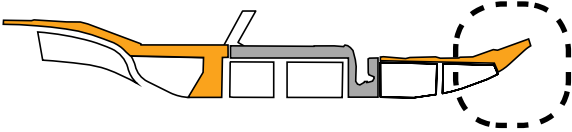
Note: Planting in foreground has been omitted in rendering for clear view of building

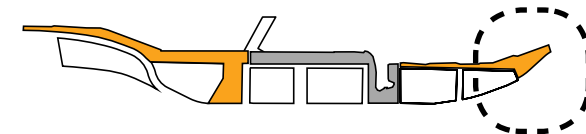
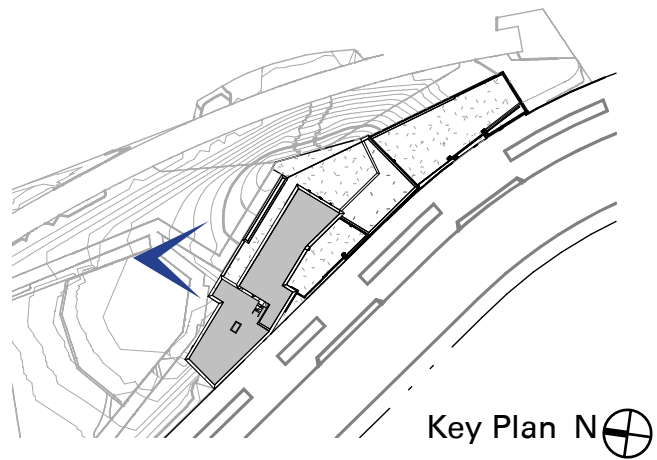


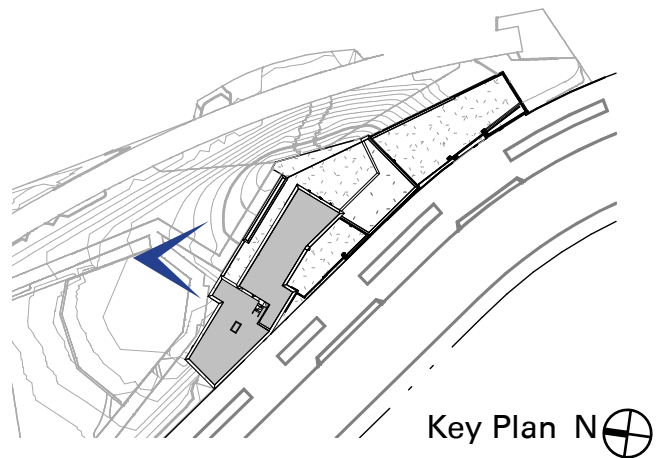




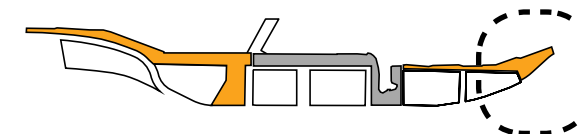
Note: Planting in foreground has been omitted in rendering for clear view of building





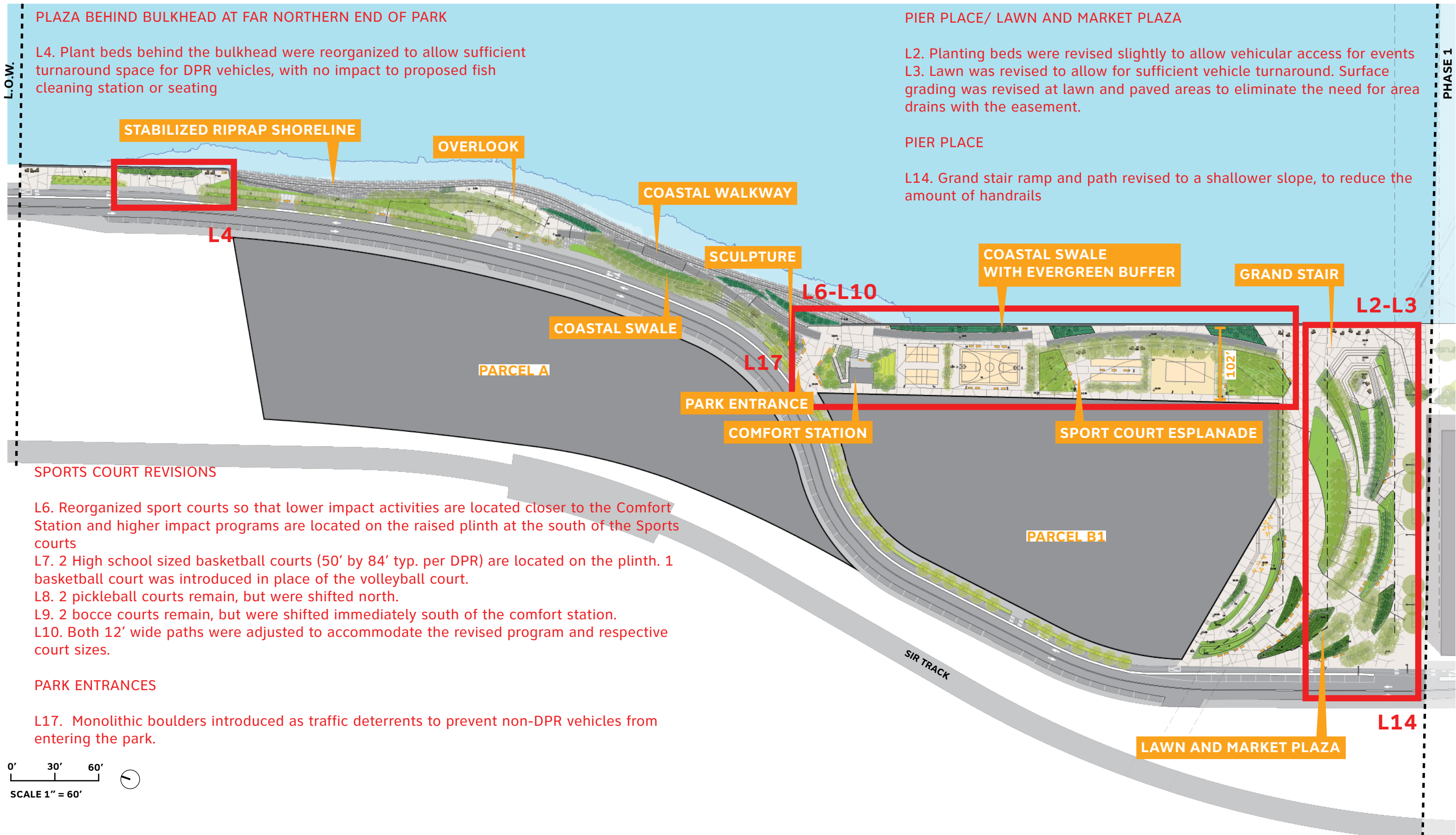


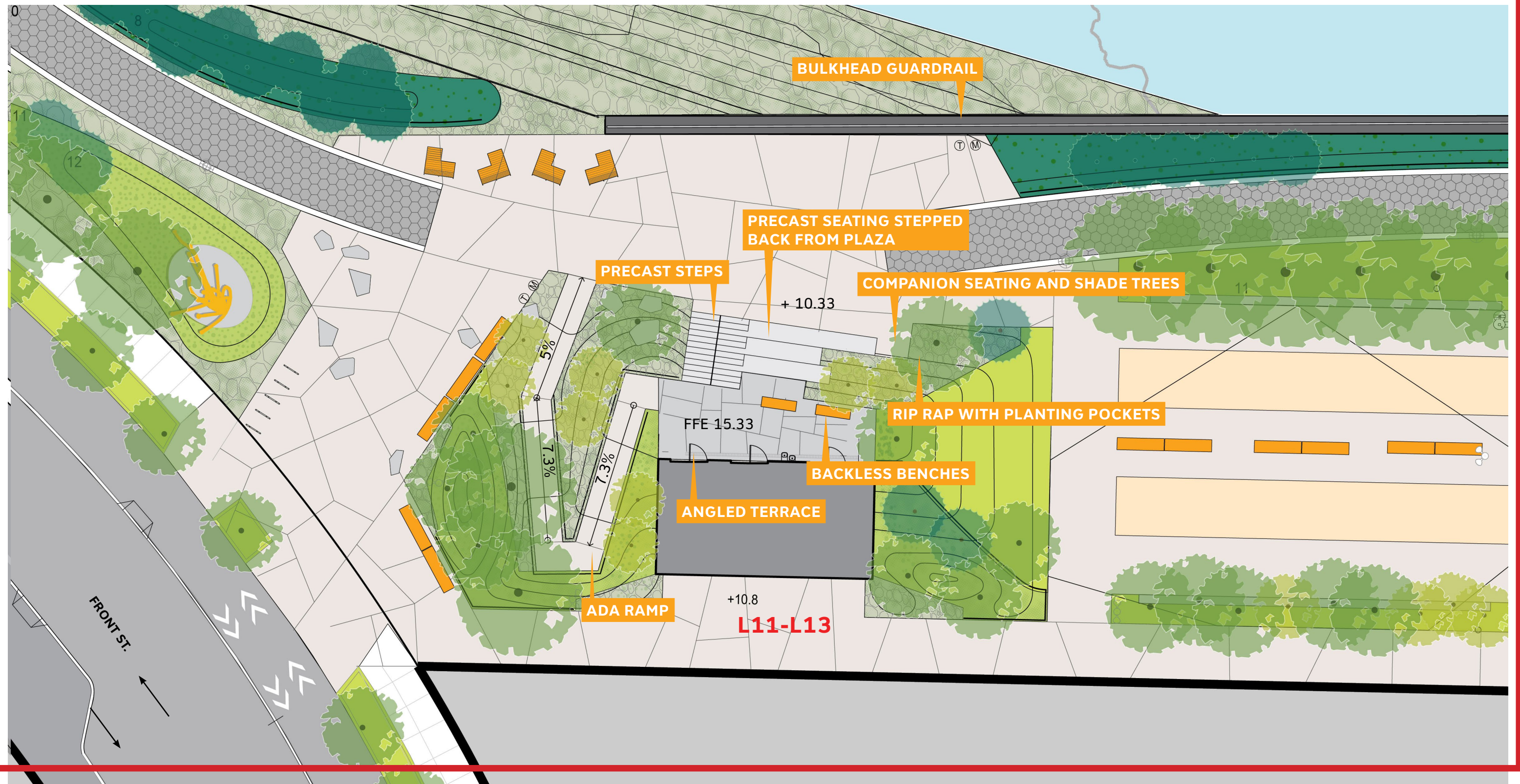
Note: Planting in foreground has been omitted in rendering for clear view of building



NORTHERN PHASE

**LANDSCAPE AND
COMFORT STATION**

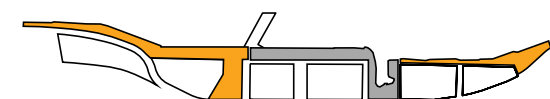


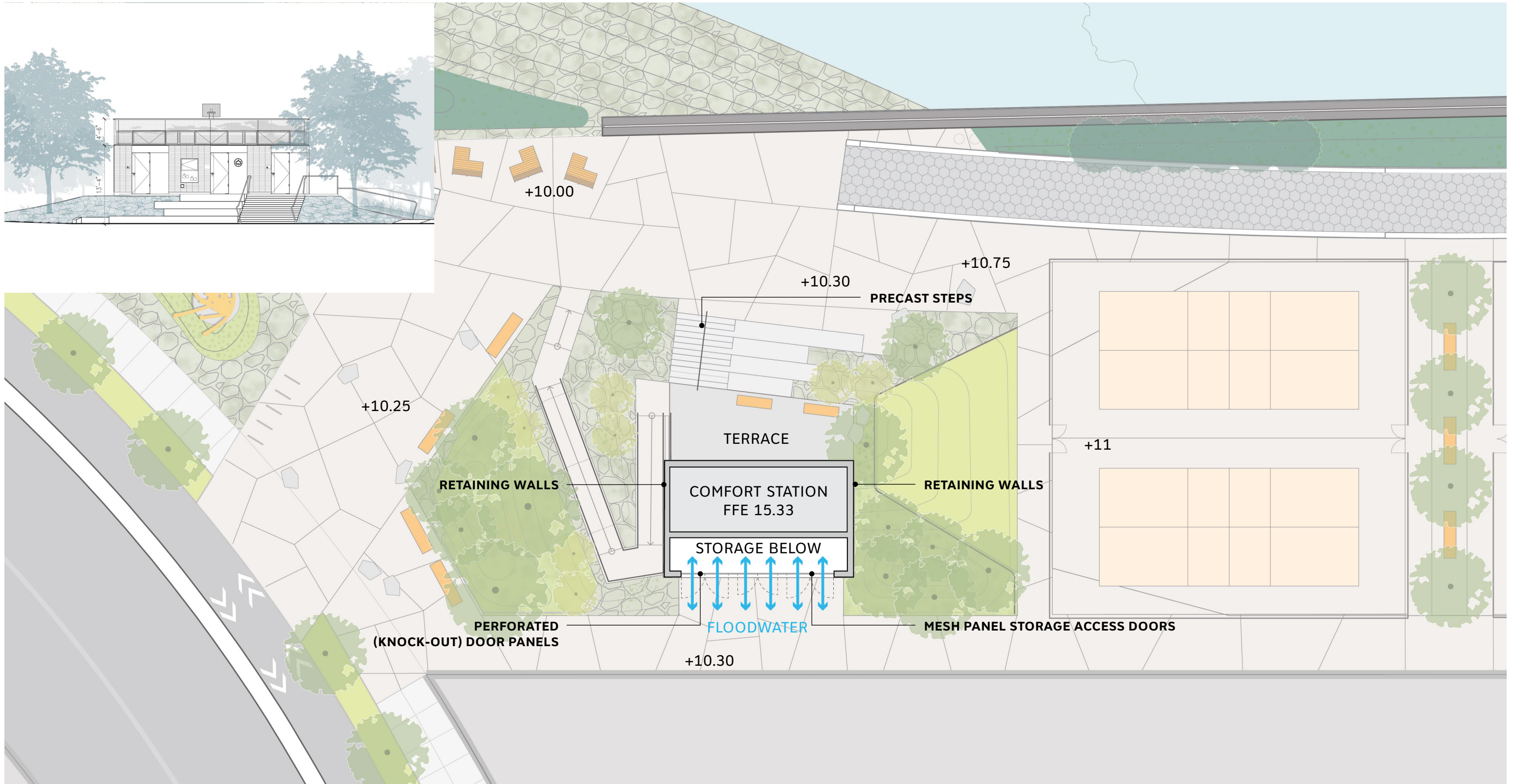


0' 8' 16'
SCALE 1/16" = 1'

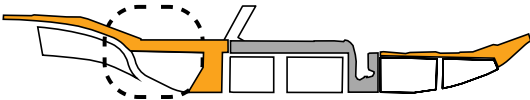


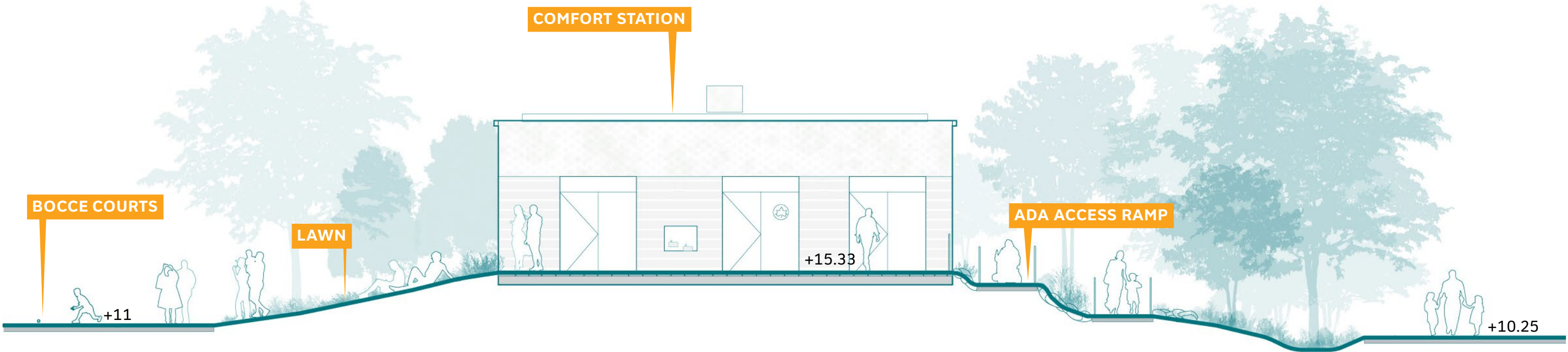
- L11. Revised the landscape area at the Comfort Station to meet the revised building footprint, with no impact to accessibility.
L12. Revised benches at terrace to backless 1964 World's Fair Bench, per DPR comments
L13. Grading revised at rear of Comfort Station to allow access to storage doors below.



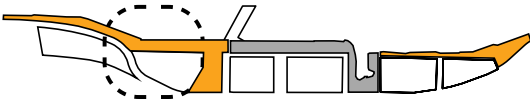


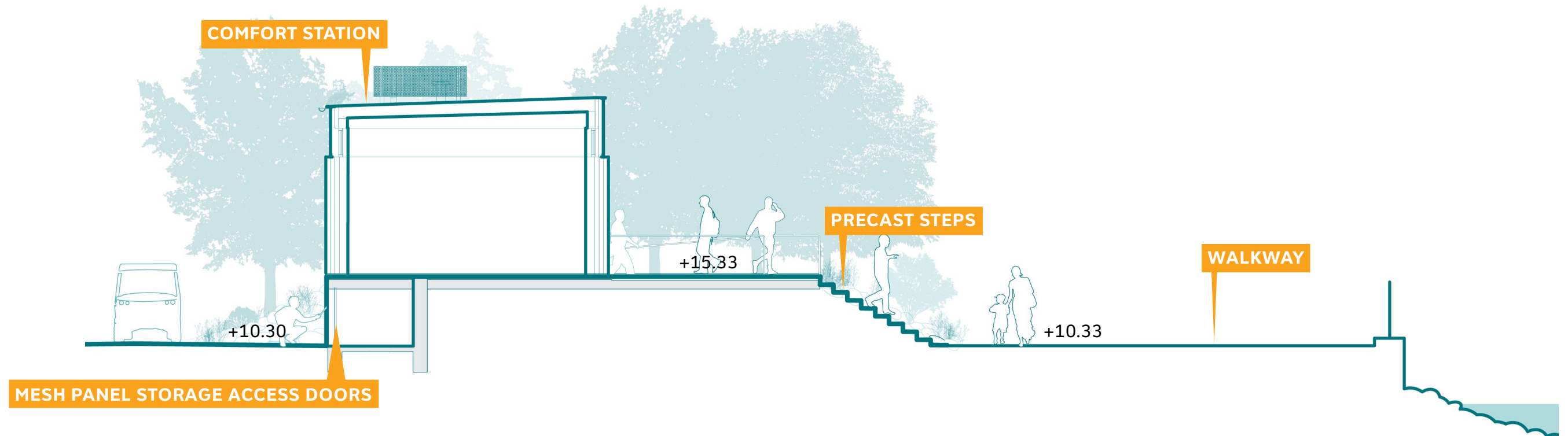
0' 8' 16'
SCALE 1/16" = 1'



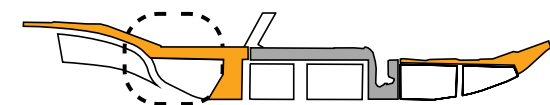


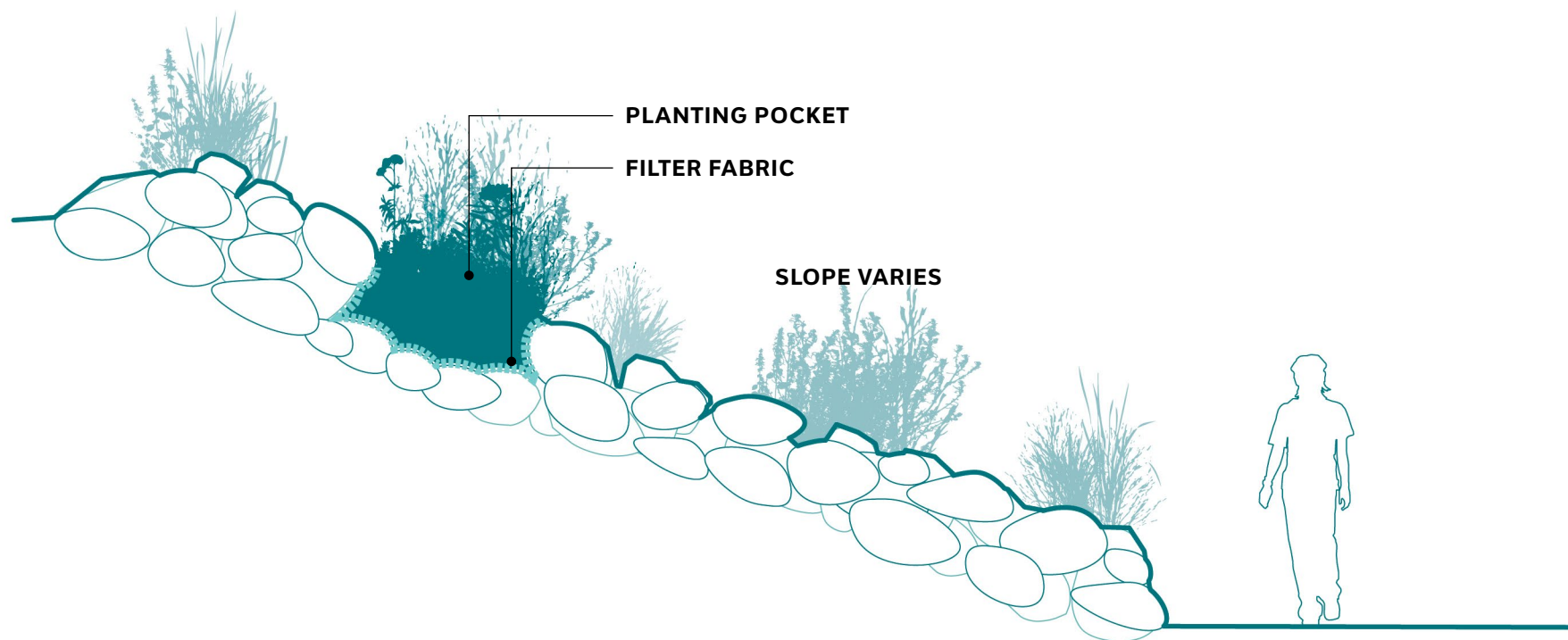
0' 4' 8'
SCALE 1/8" = 1'





0' 4' 8'
SCALE 1/8" = 1'





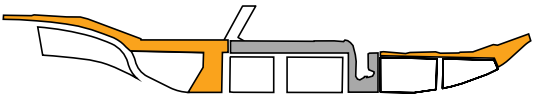
TYPICAL PLANTING POCKETS IN RIPRAP SLOPE

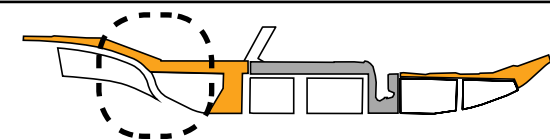
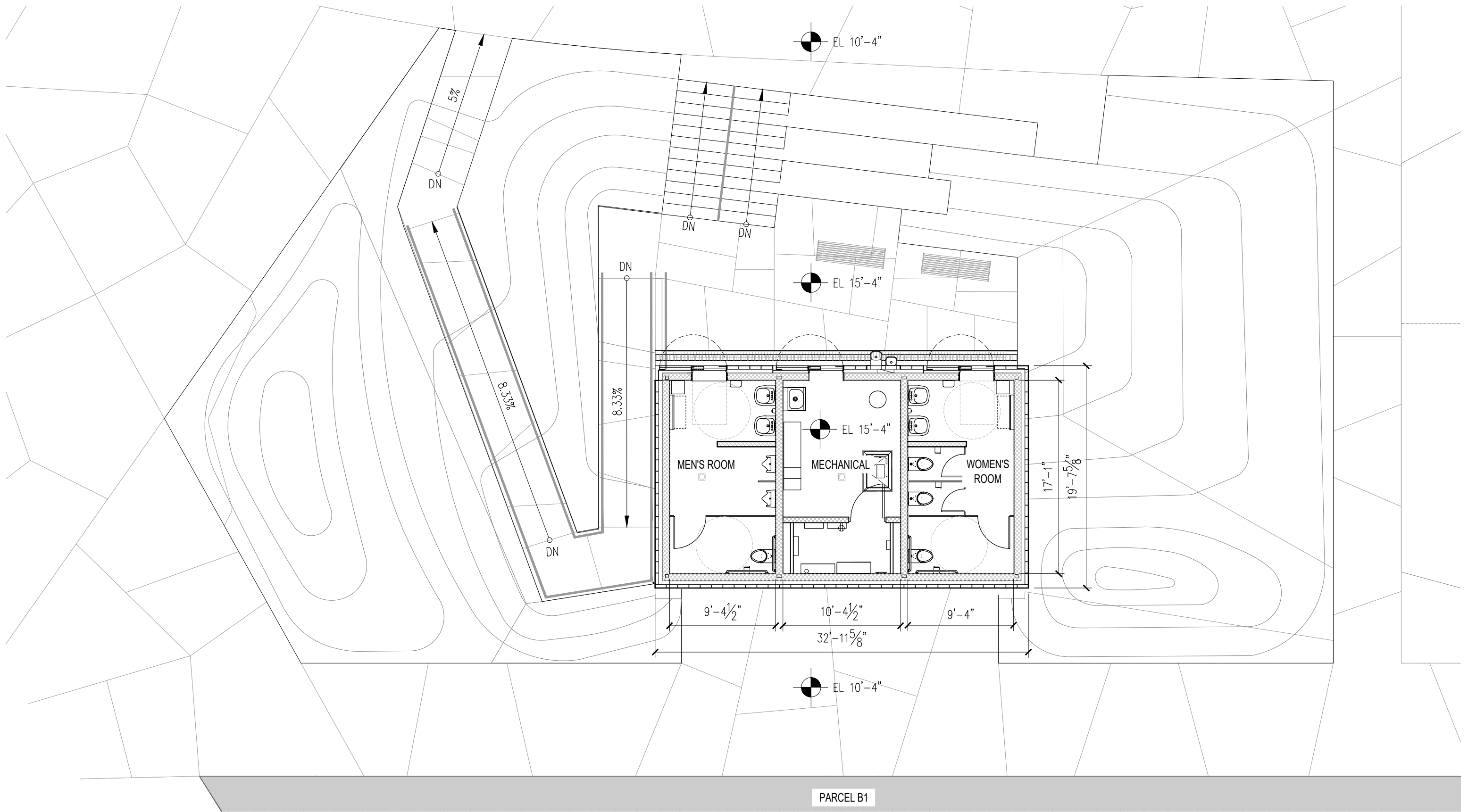
PLACE COMPOST-AMENDED SOIL OVER FILTER FABRIC IN VOIDS OF RIPRAP FOR PLANTING. IN SHORLINE APPLICATIONS, INJECTING SAND-BASED SOIL AND SEEDING RIPRAP VOIDS WILL ESTABLISH A BIOPROTECTED EDGE TO ASSIST IN SHORLINE PROTECTION.



RIP RAP WITH PLANTING POCKETS

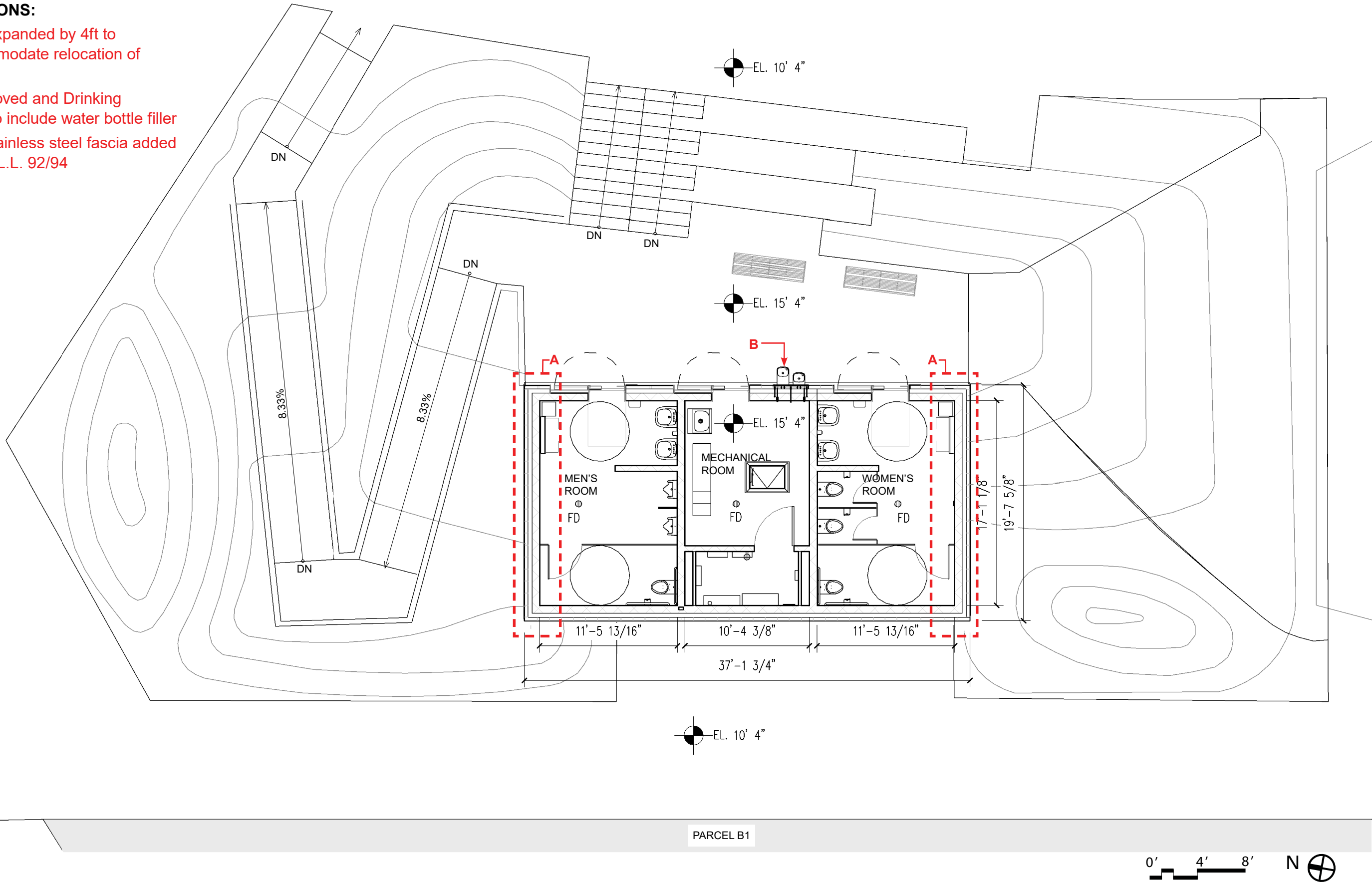
0' 2' 4'
SCALE 1/4" = 1'

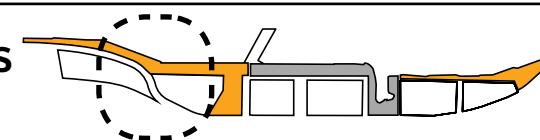
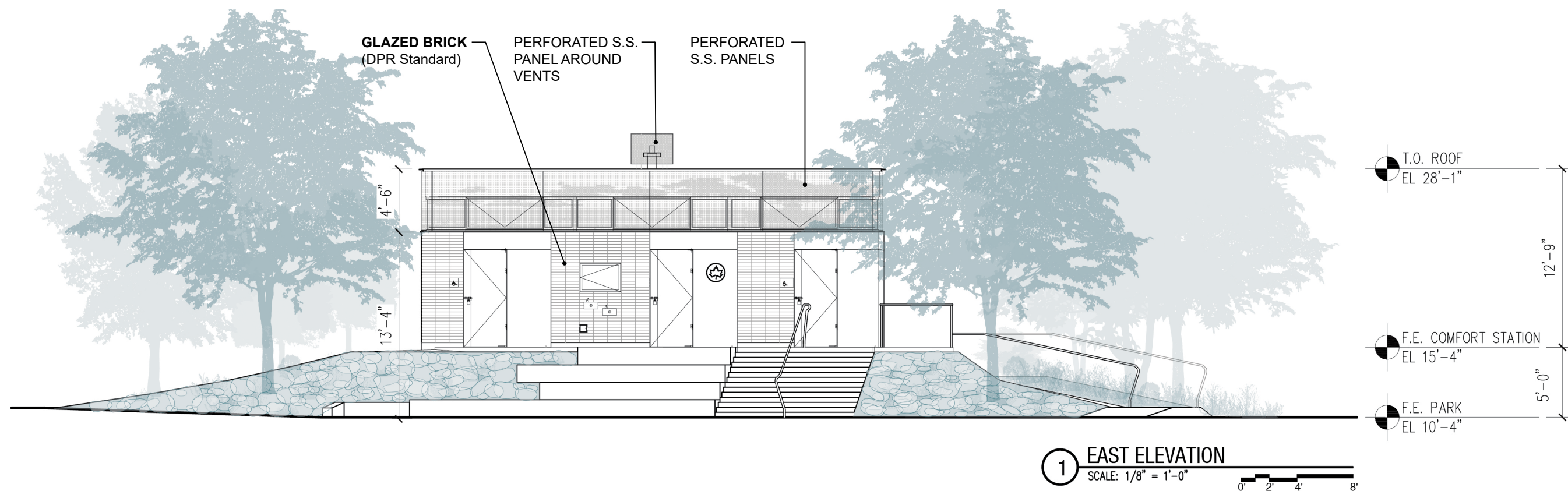
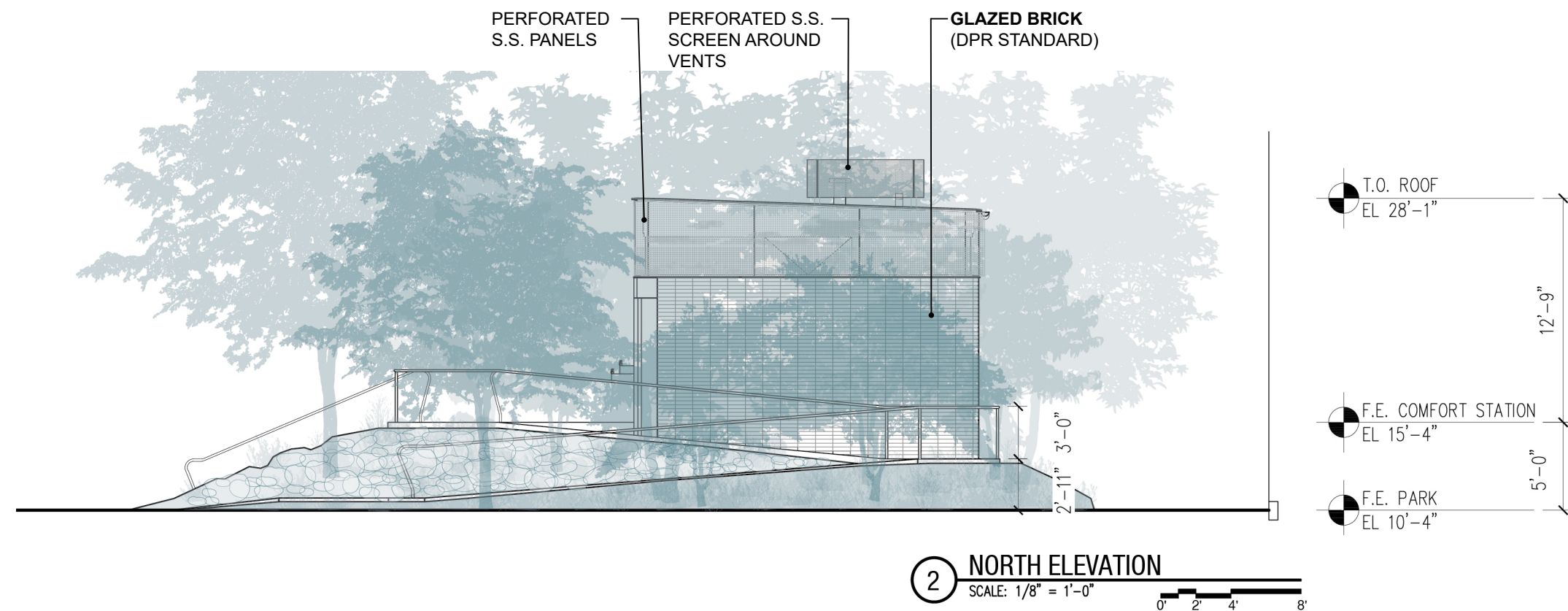
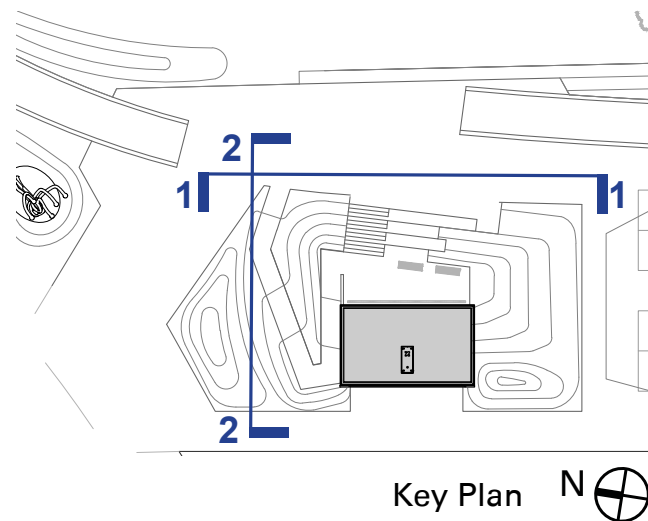




DESIGN MODIFICATIONS:

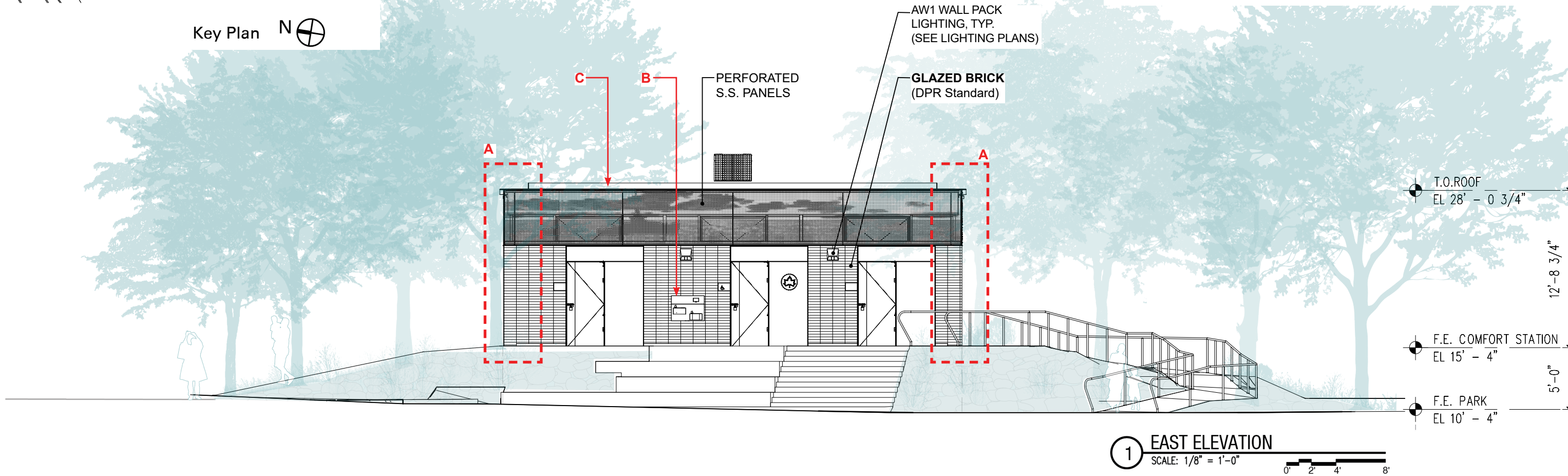
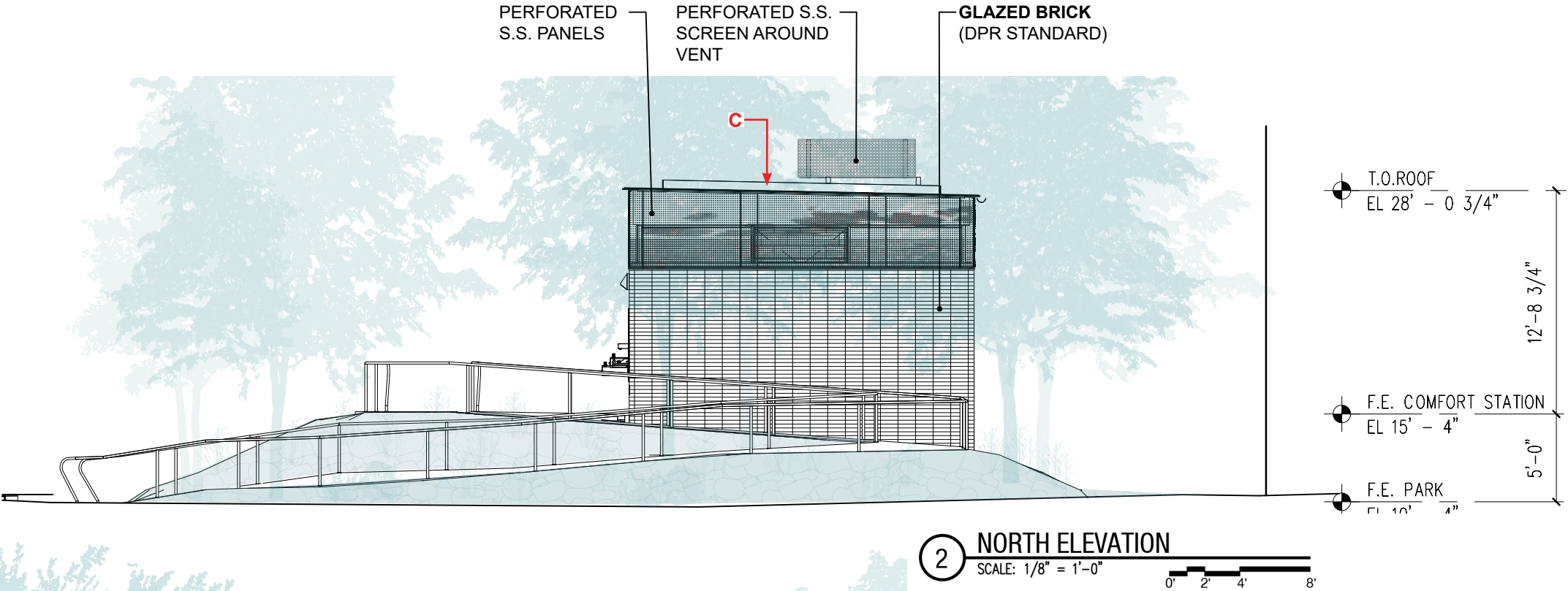
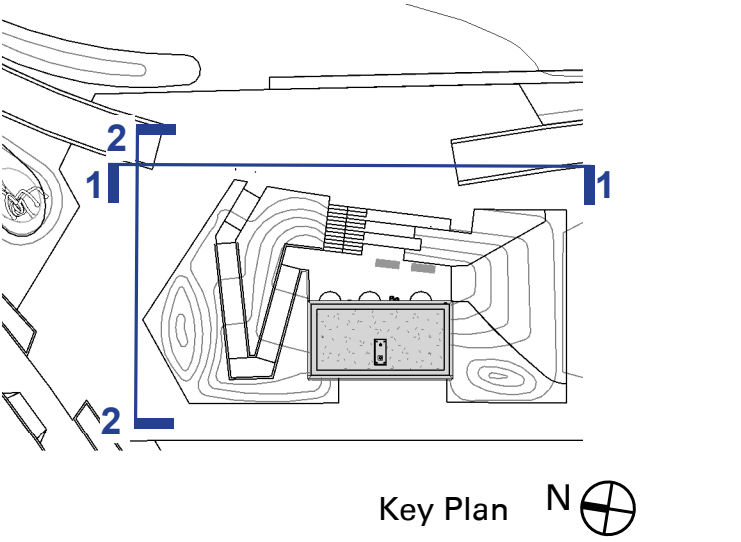
- A - Building footprint expanded by 4ft to the south to accommodate relocation of changing table
- B - Bulletin Board removed and Drinking Fountain updated to include water bottle filler
- C - Green Roof with stainless steel fascia added in compliance with L.L. 92/94

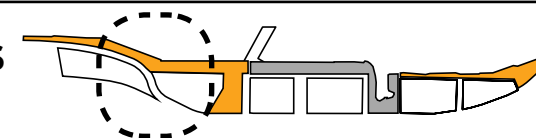
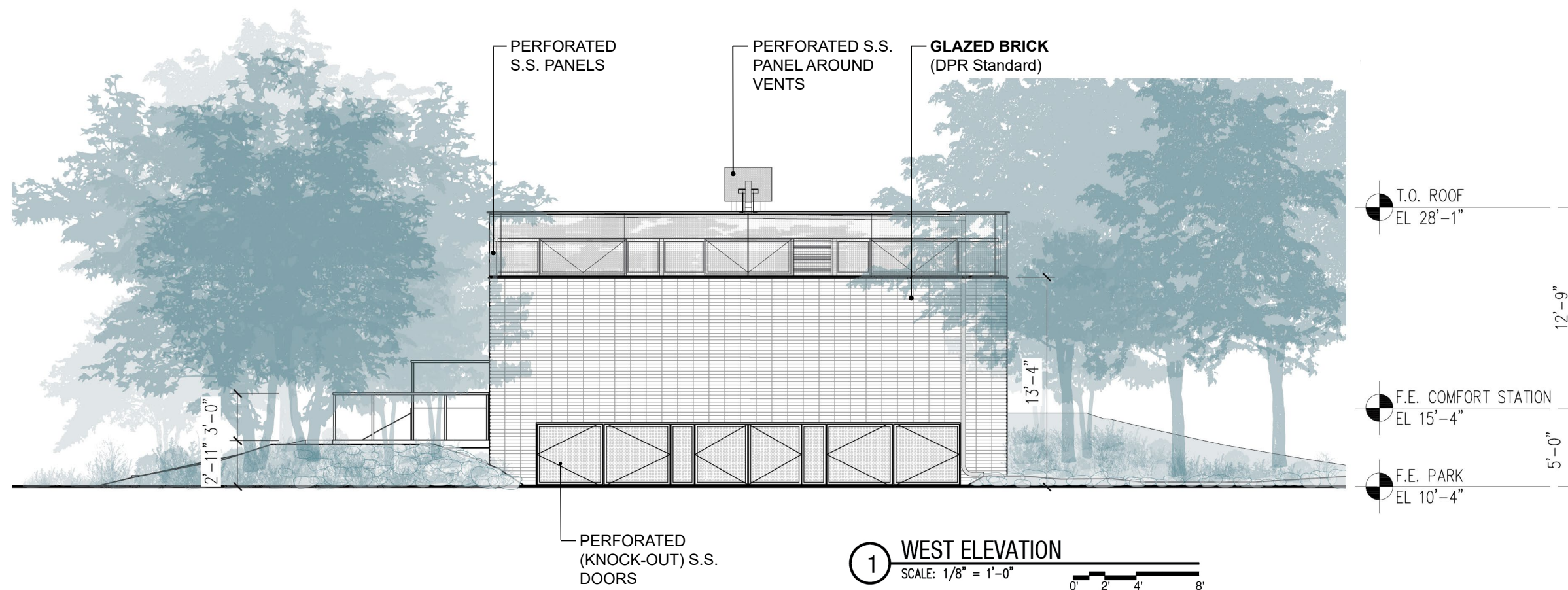
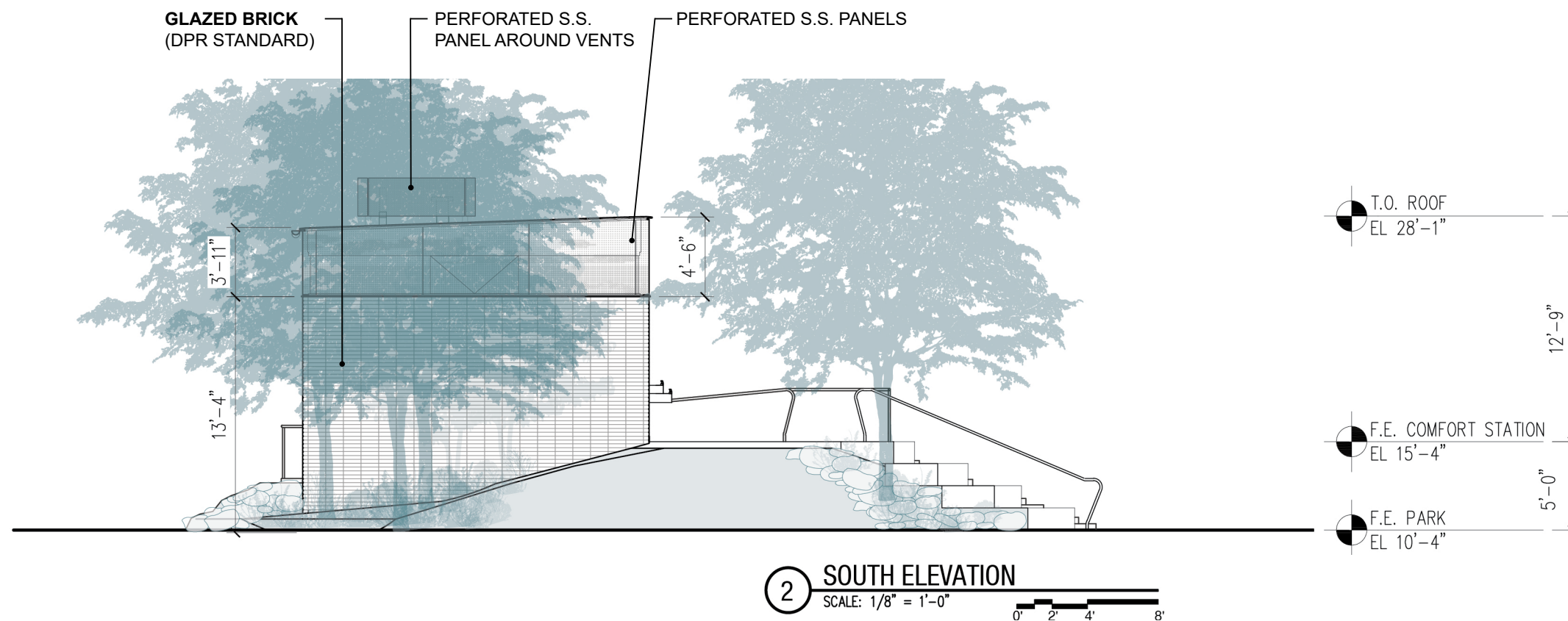
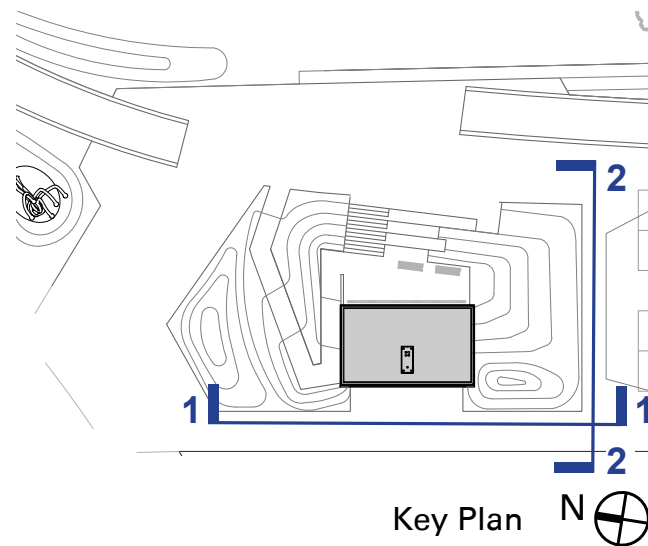




DESIGN MODIFICATIONS:

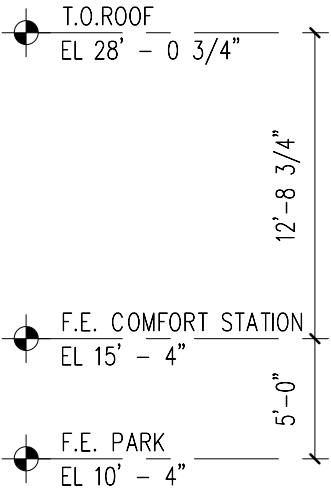
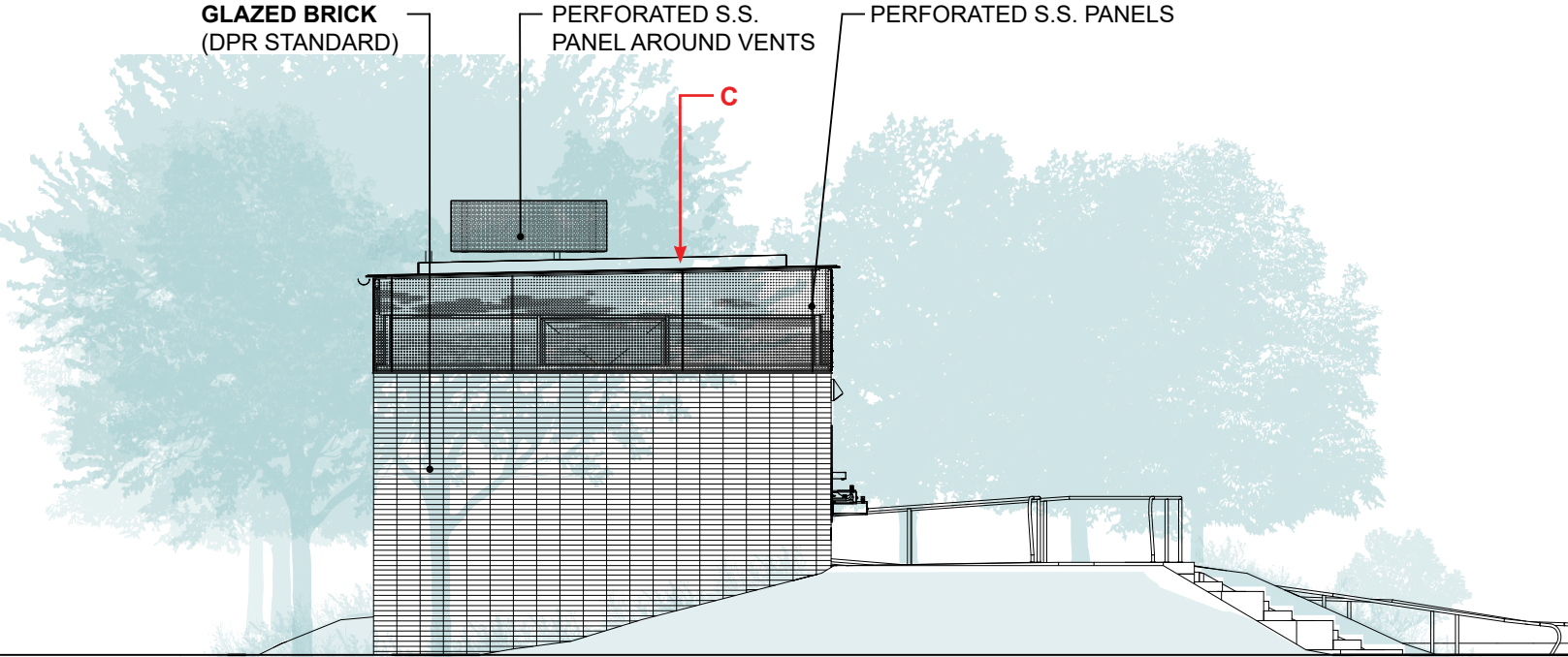
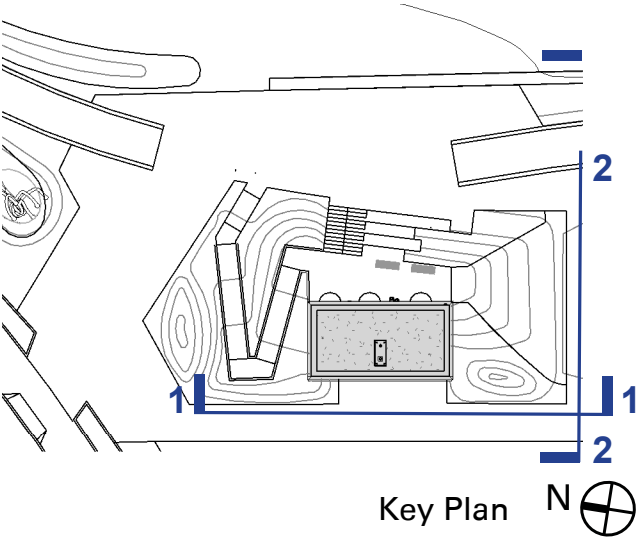
- A - Building footprint expanded by 4ft to the south to accommodate relocation of changing table
- B - Bulletin Board removed and Drinking Fountain updated to include water bottle filler
- C - Green Roof with stainless steel fascia added in compliance with L.L. 92/94



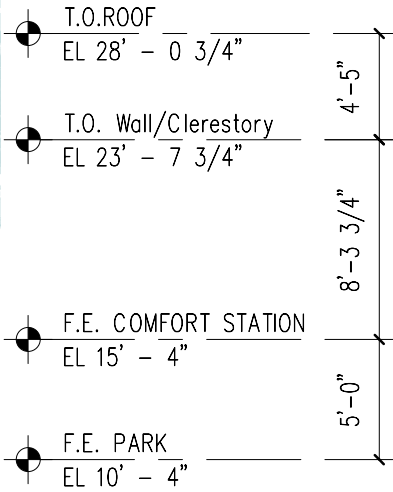
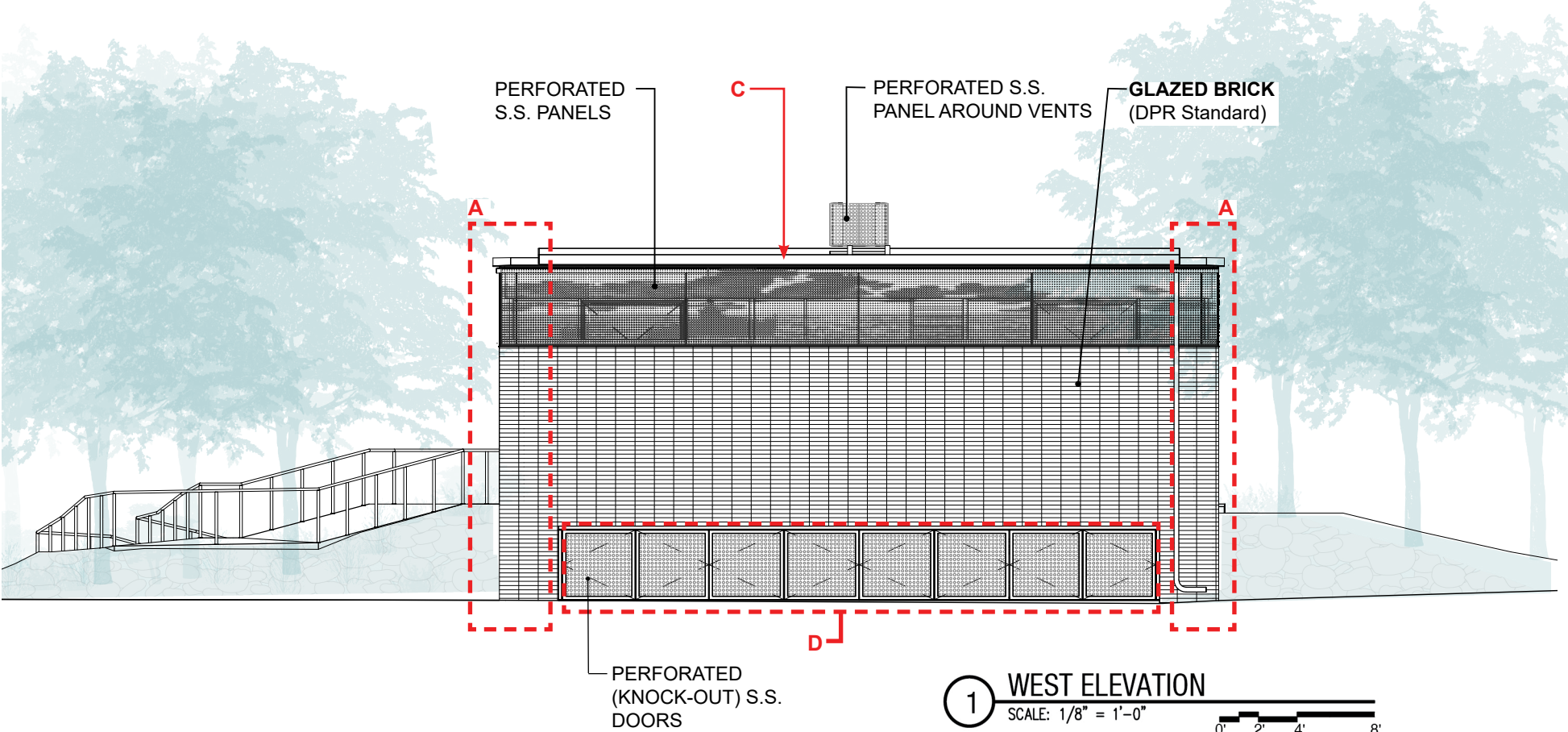


DESIGN MODIFICATIONS:

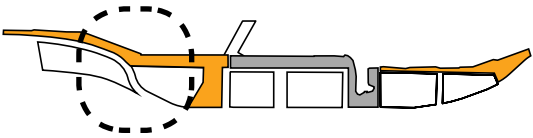
- A - Building footprint expanded by 4ft to the south to accommodate relocation of changing table
- B - Bulletin Board removed and Drinking Fountain updated to include water bottle filler
- C - Green Roof with stainless steel fascia added in compliance with L.L. 92/94
- D - One additional set of double-doors added at Crawl Space due to building footprint expansion

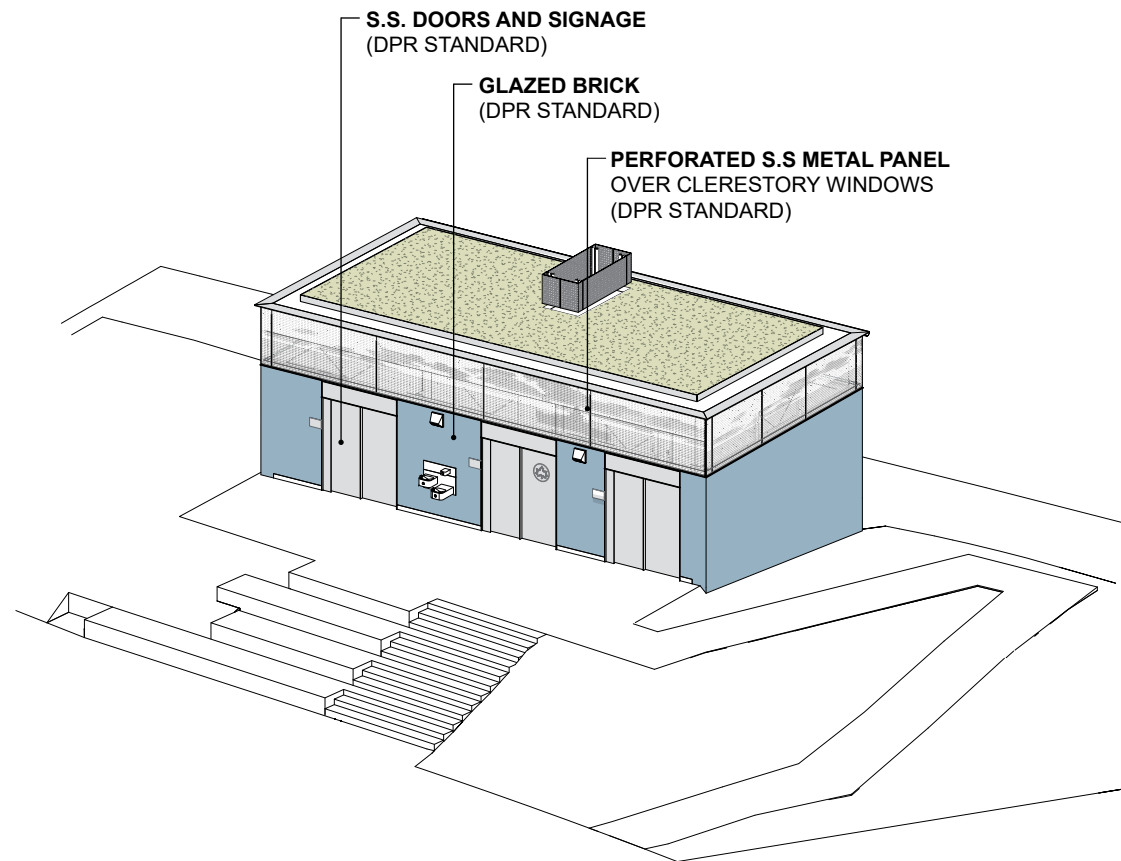


2 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

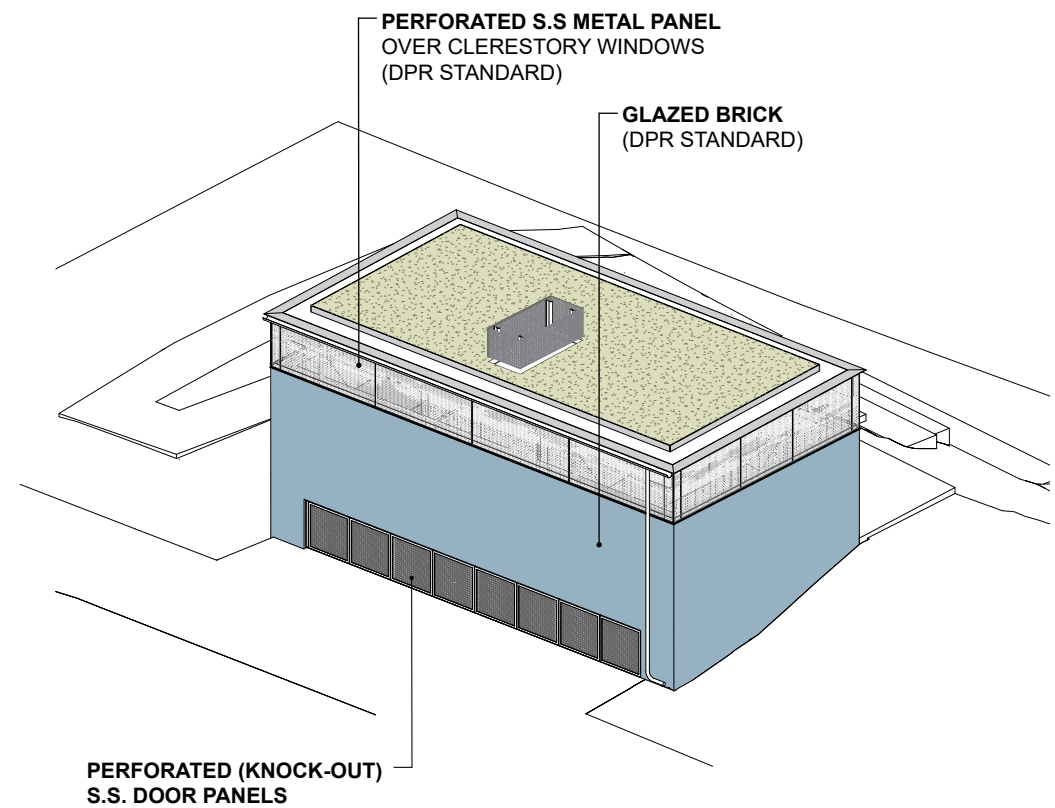


1 WEST ELEVATION
SCALE: 1/8" = 1'-0"





AXONOMETRIC VIEW FROM NORTH EAST



AXONOMETRIC VIEW FROM SOUTH WEST

APPROVED PRELIMINARY REVIEW
MATERIAL PALETTE

Note: Materials match
Prototypical Comfort Station

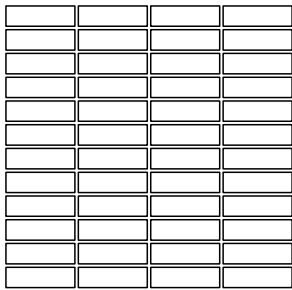
GLAZED BRICK (DPR STANDARD MANUFACTURER)



Manufacturer: Elgin Butler Company
Product: 6S - Glazed Brick
Color: Neptune Blue
Mortar: Glen-Gery G-601
Bonding Pattern: Stacked Horizontal



GLEN-GERY G-601



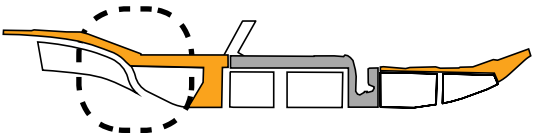
HORIZONTAL

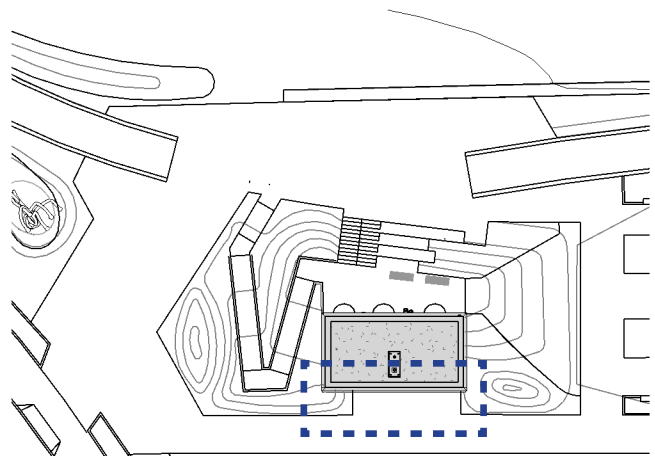
REFERENCE IMAGE: COMFORT STATION PROTOTYPE



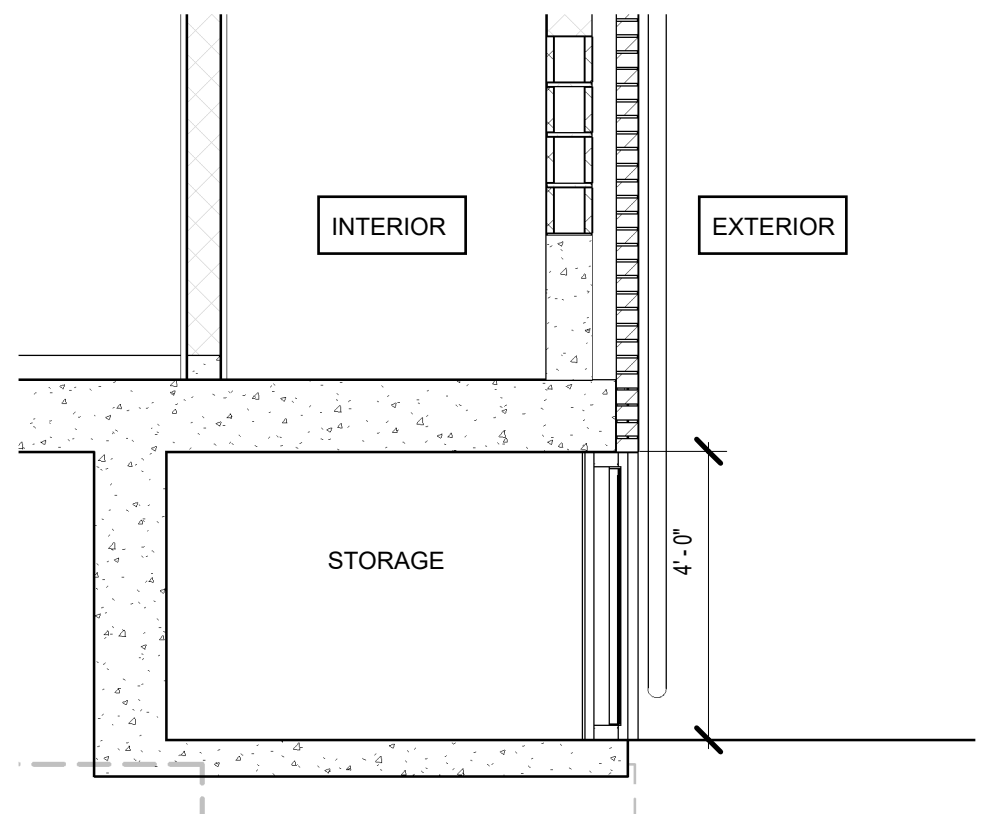
Pictured: Dean Playground Comfort Station designed by Sage & Coombe

Design details reference
Betsy Head Park Comfort Station

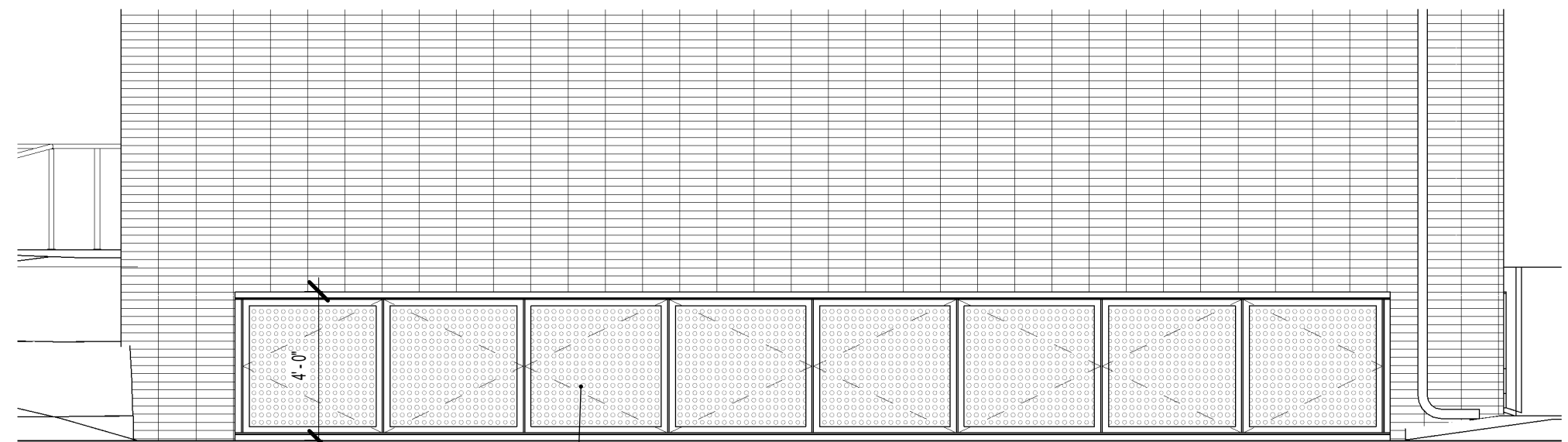




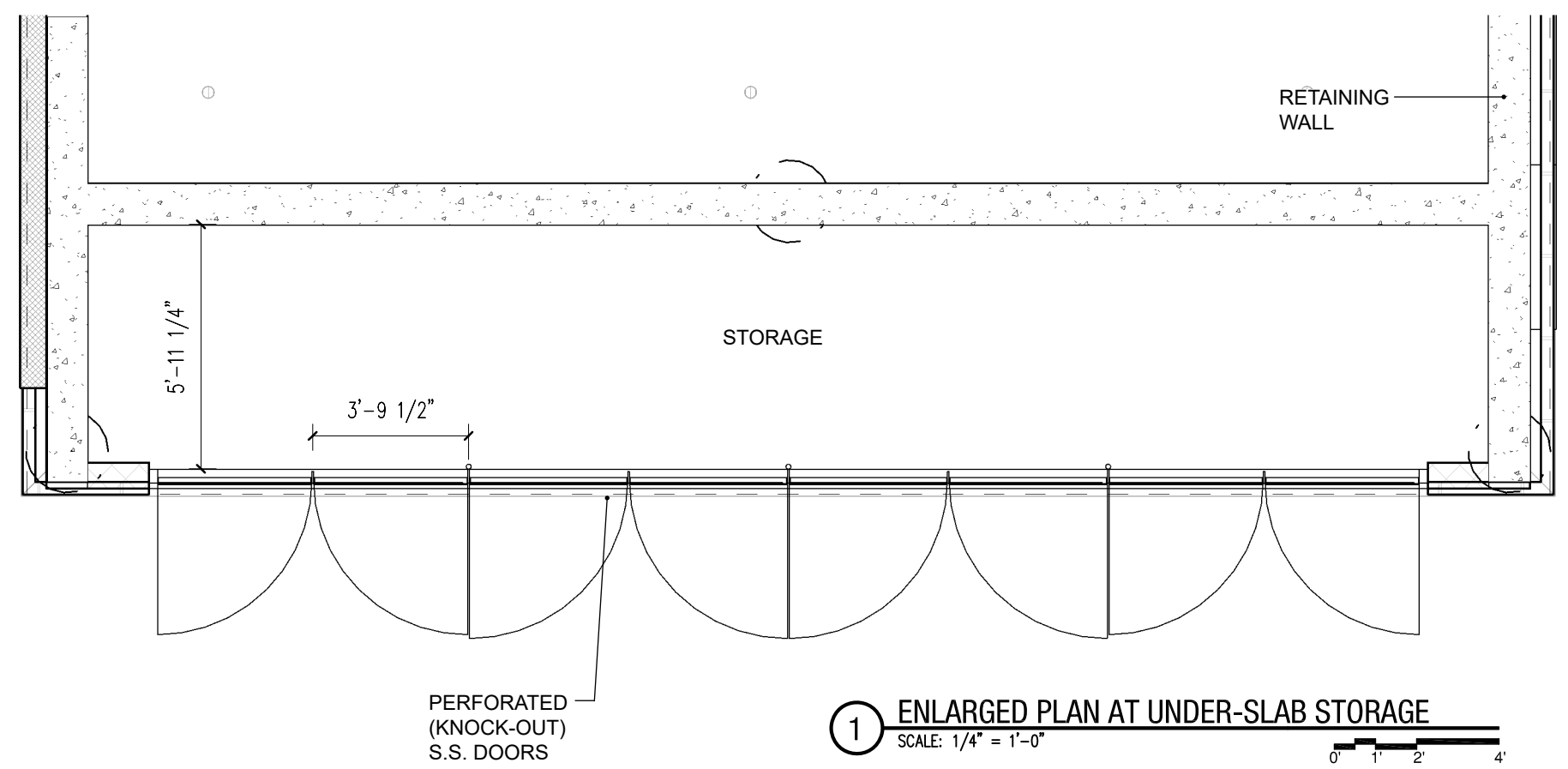
Key Plan N



3 SECTION THROUGH UNDER-SLAB STORAGE
SCALE: 3/8" = 1'-0"



2 ENLARGED ELEVATION AT UNDER-SLAB STORAGE
SCALE: 1/4" = 1'-0"

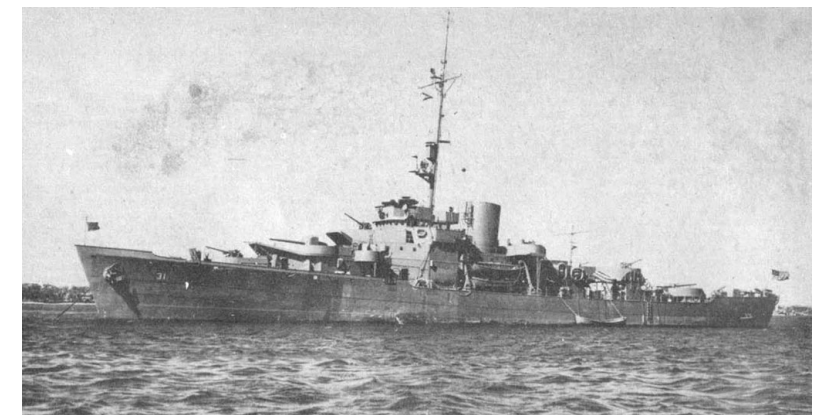


1 ENLARGED PLAN AT UNDER-SLAB STORAGE
SCALE: 1/4" = 1'-0"

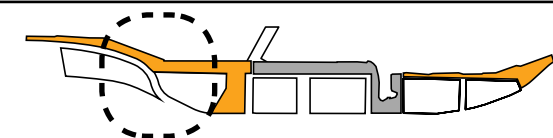


STORAGE DOORS PERFORATION PATTERN

CLERESTORY PERFORATION PATTERN

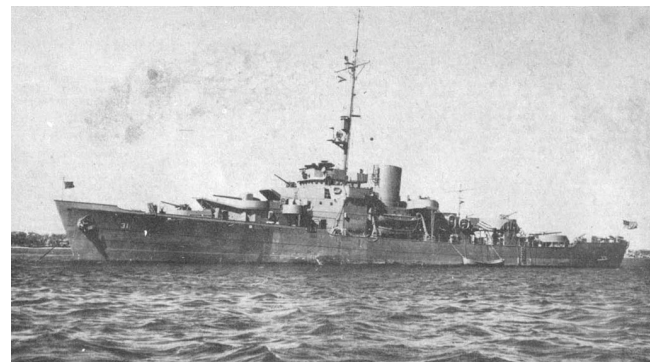


REFERENCE IMAGES

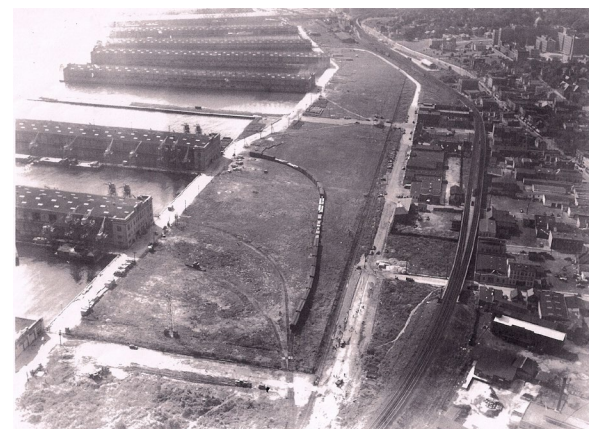




Hudson River Valley School Paintings
Edwin Church, *From Mount Desert*, 1850



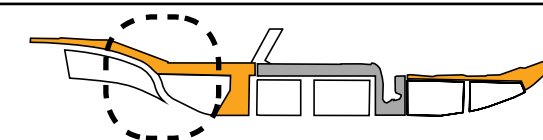
HOMEPORT PIER -
NAVY PRESENCE, FLEET WEEK

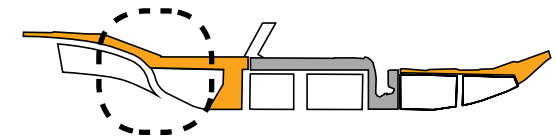
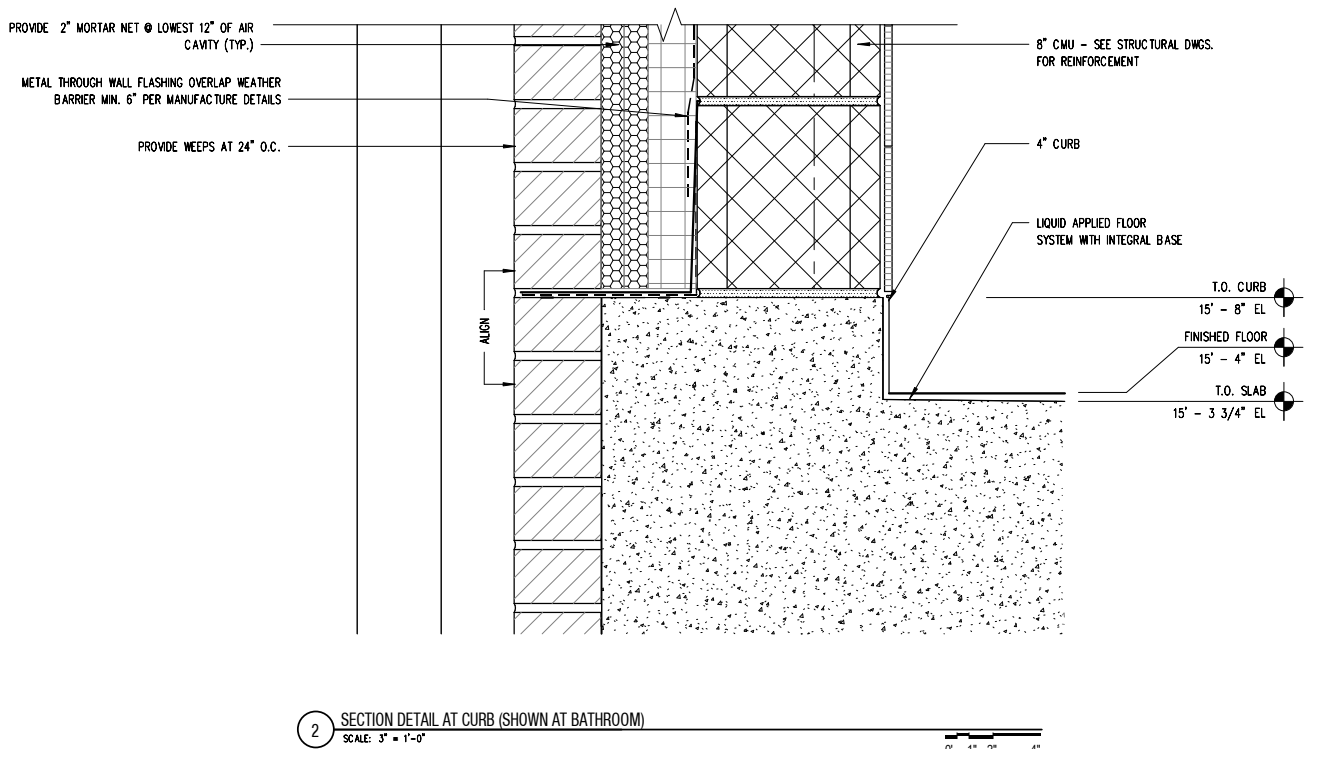
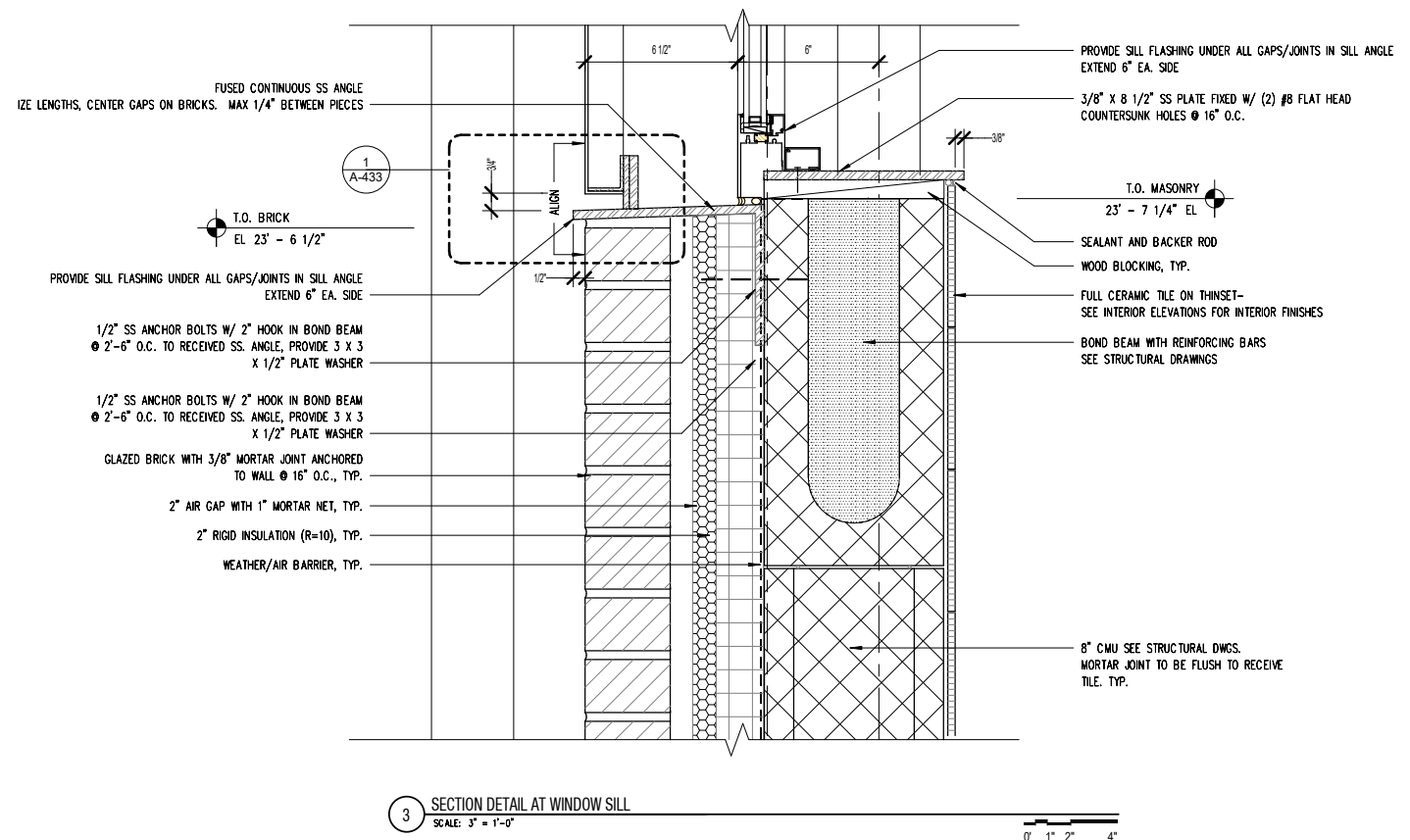
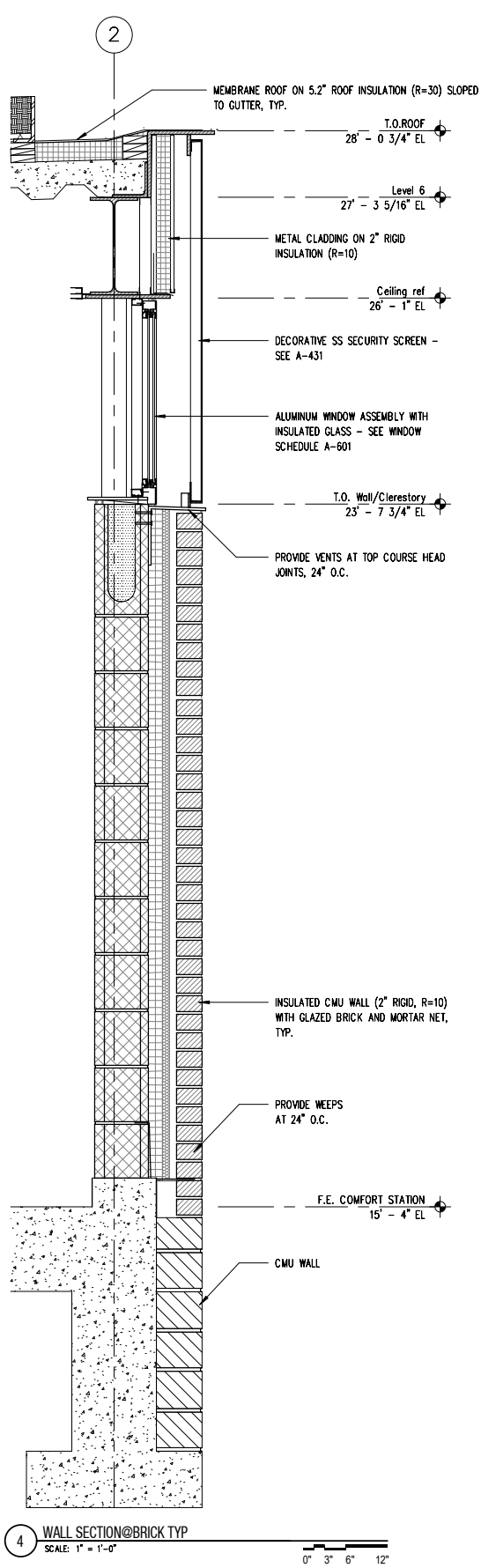
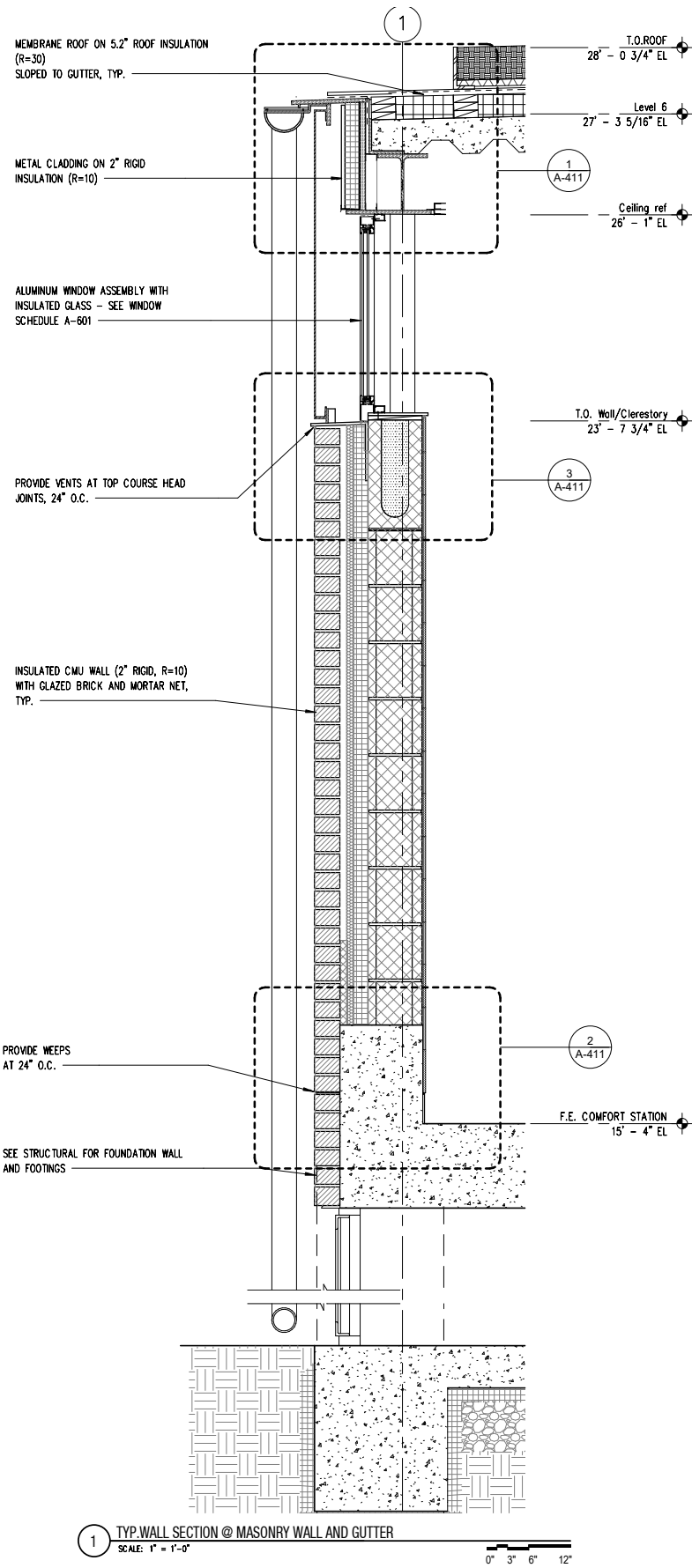


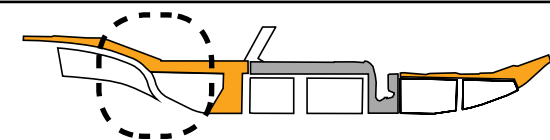
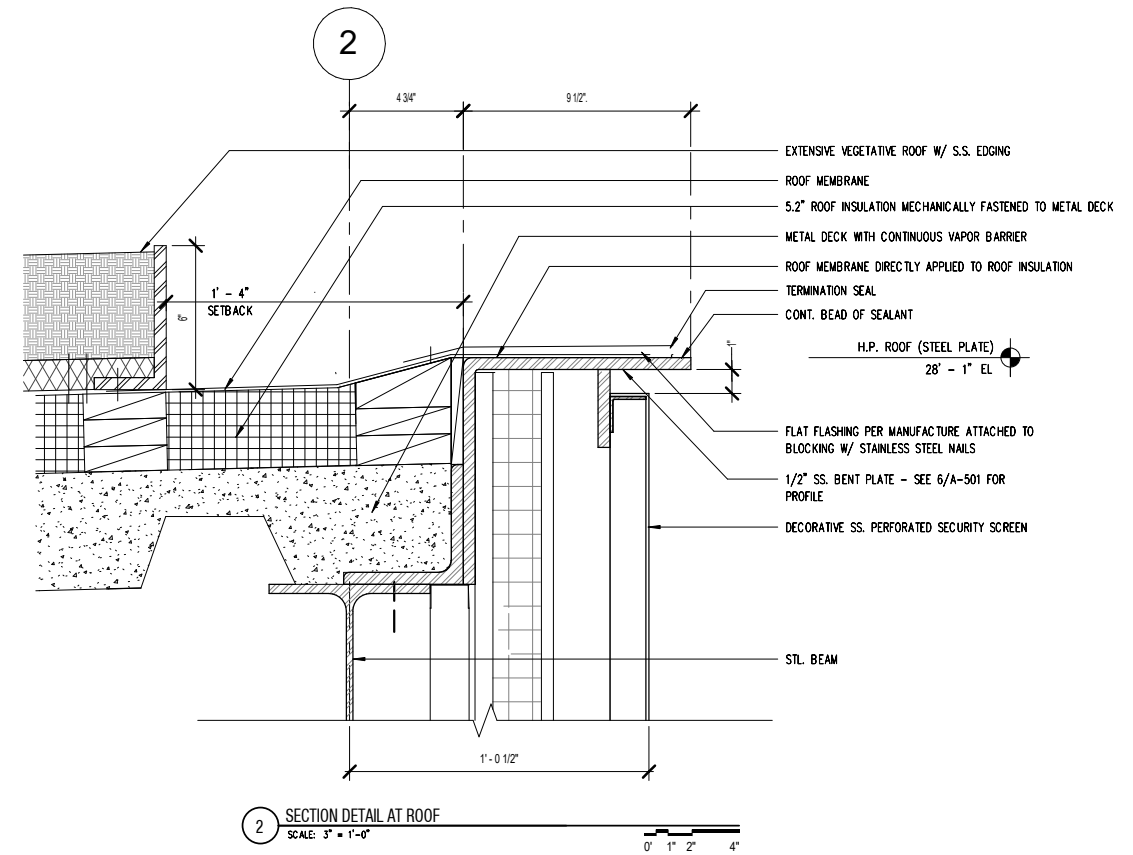
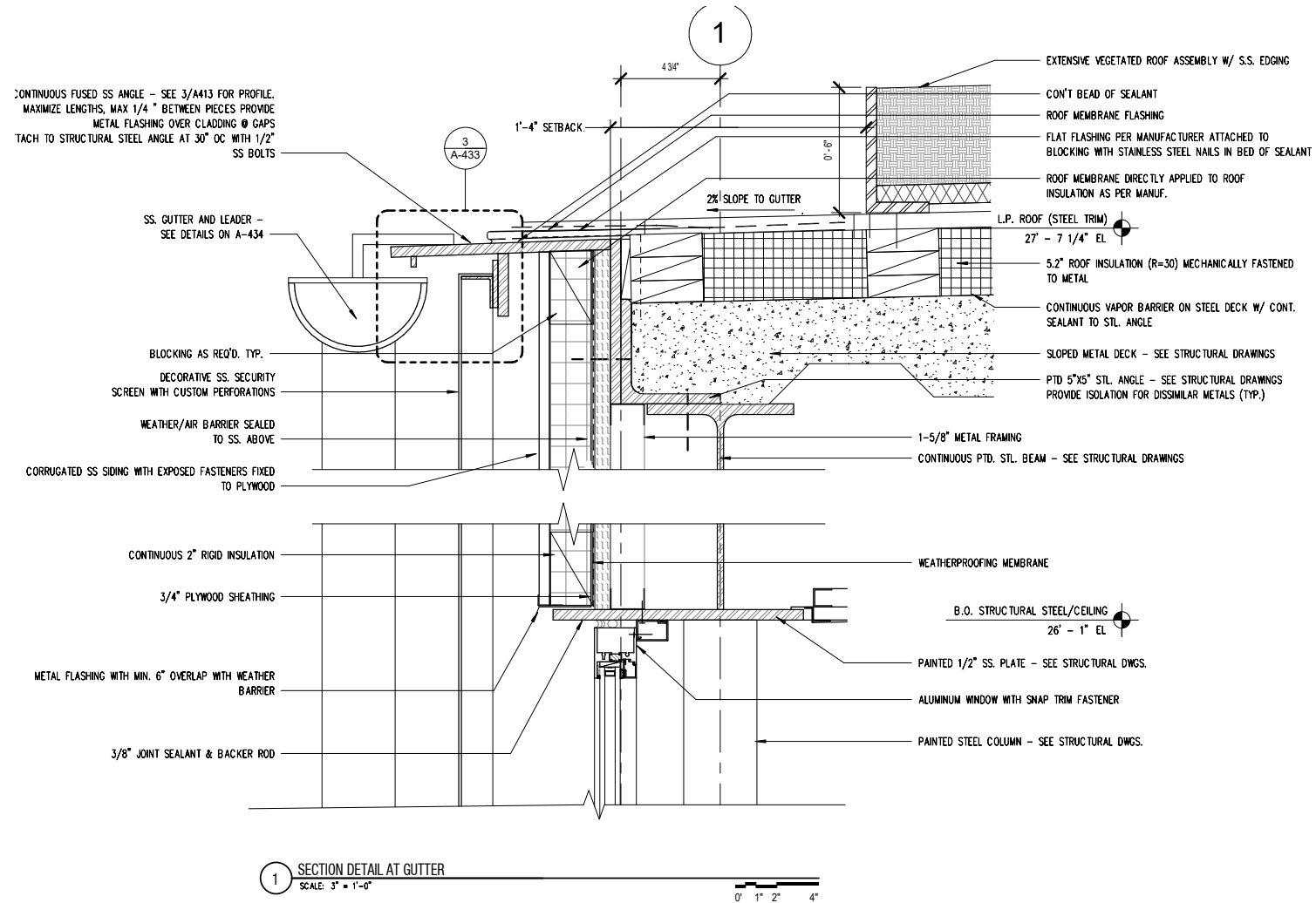
HOMEPORT PIER -
TRADE AND COMMERCE

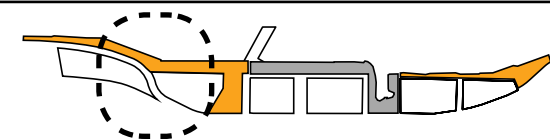
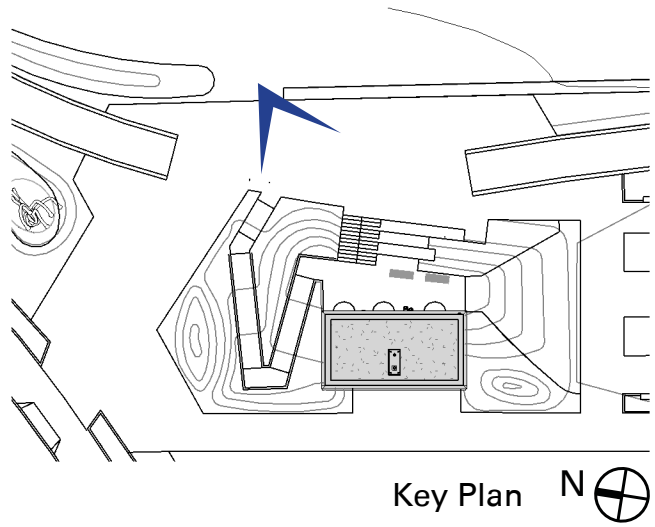


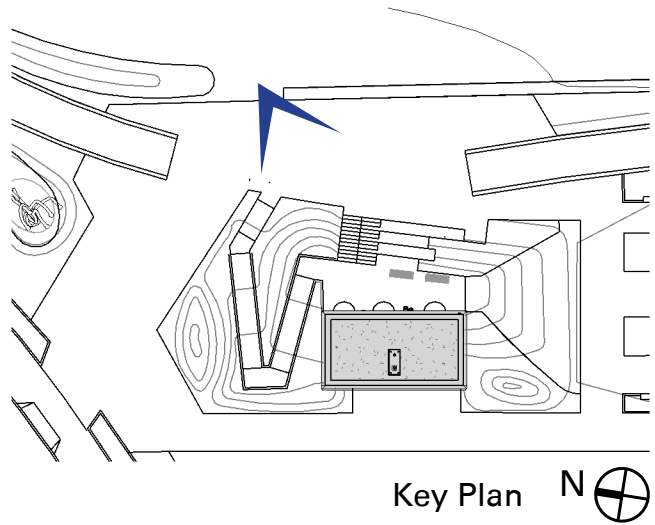
VERRAZANO NARROWS BRIDGE



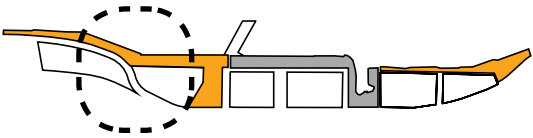


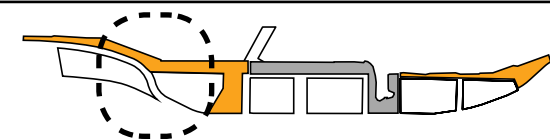
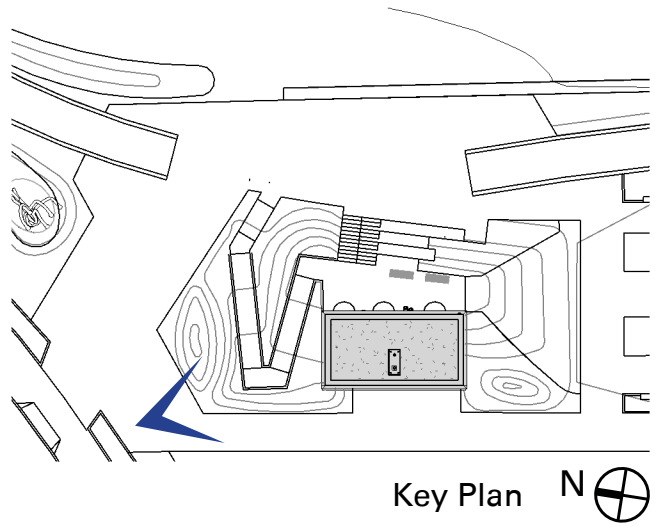


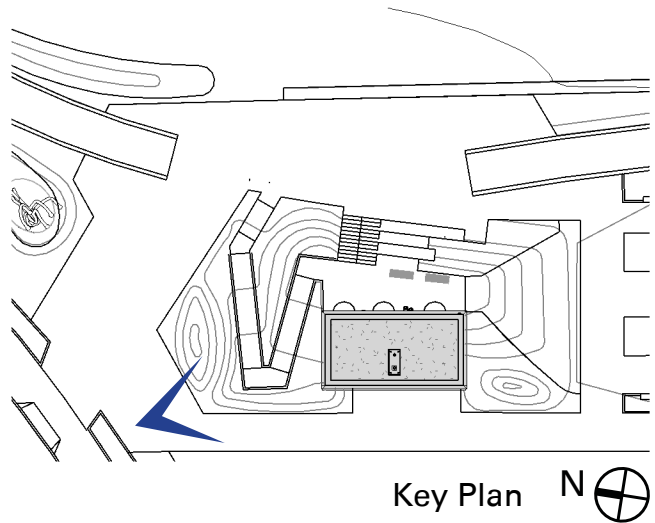




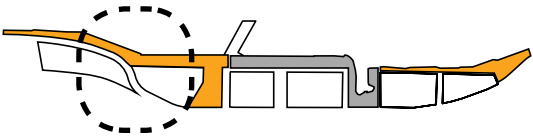
Note: Planting in foreground has been omitted in rendering for clear view of building



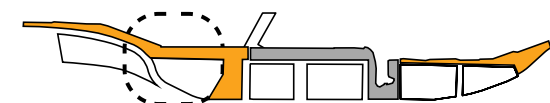
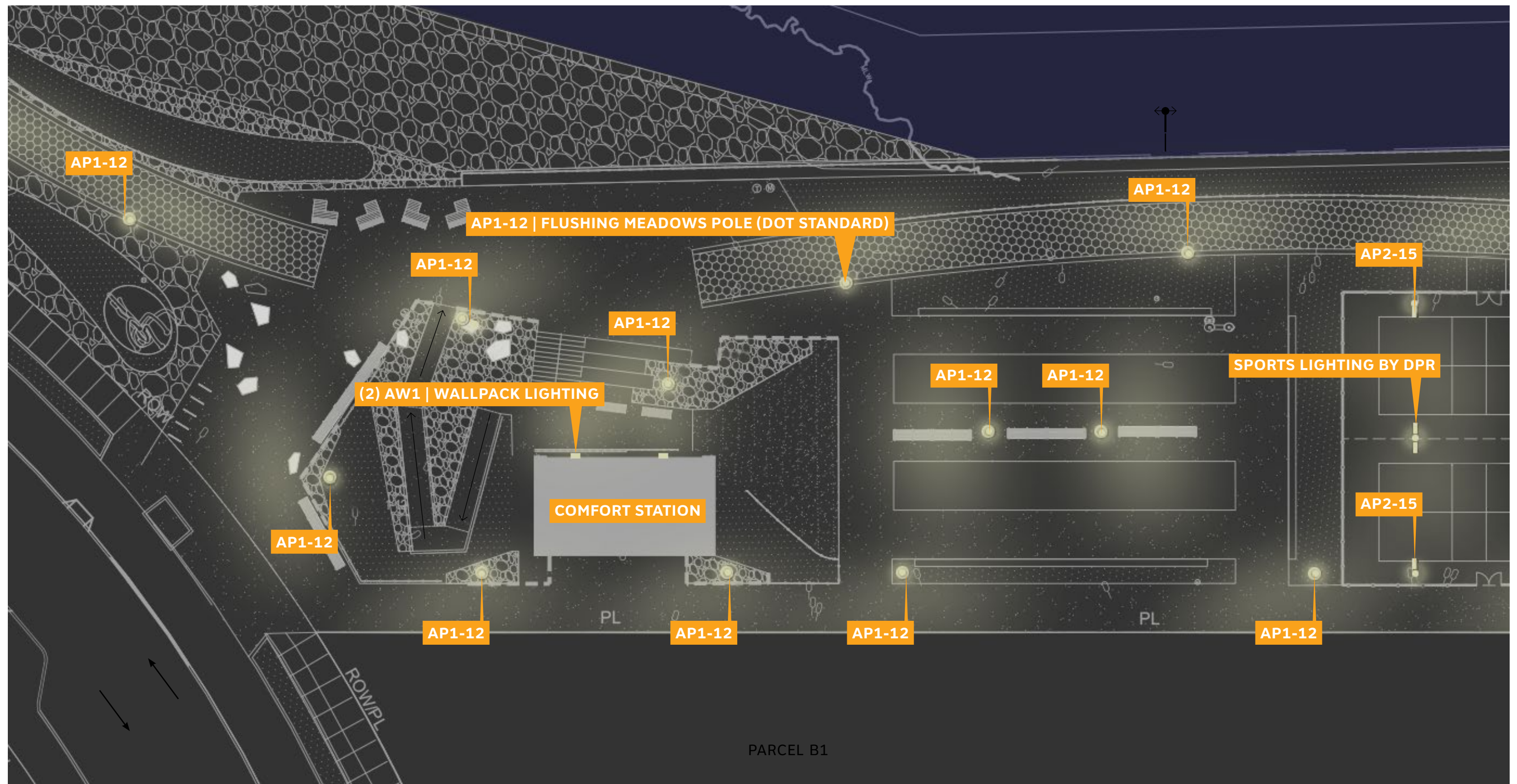


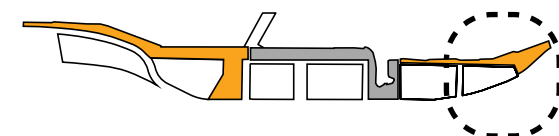
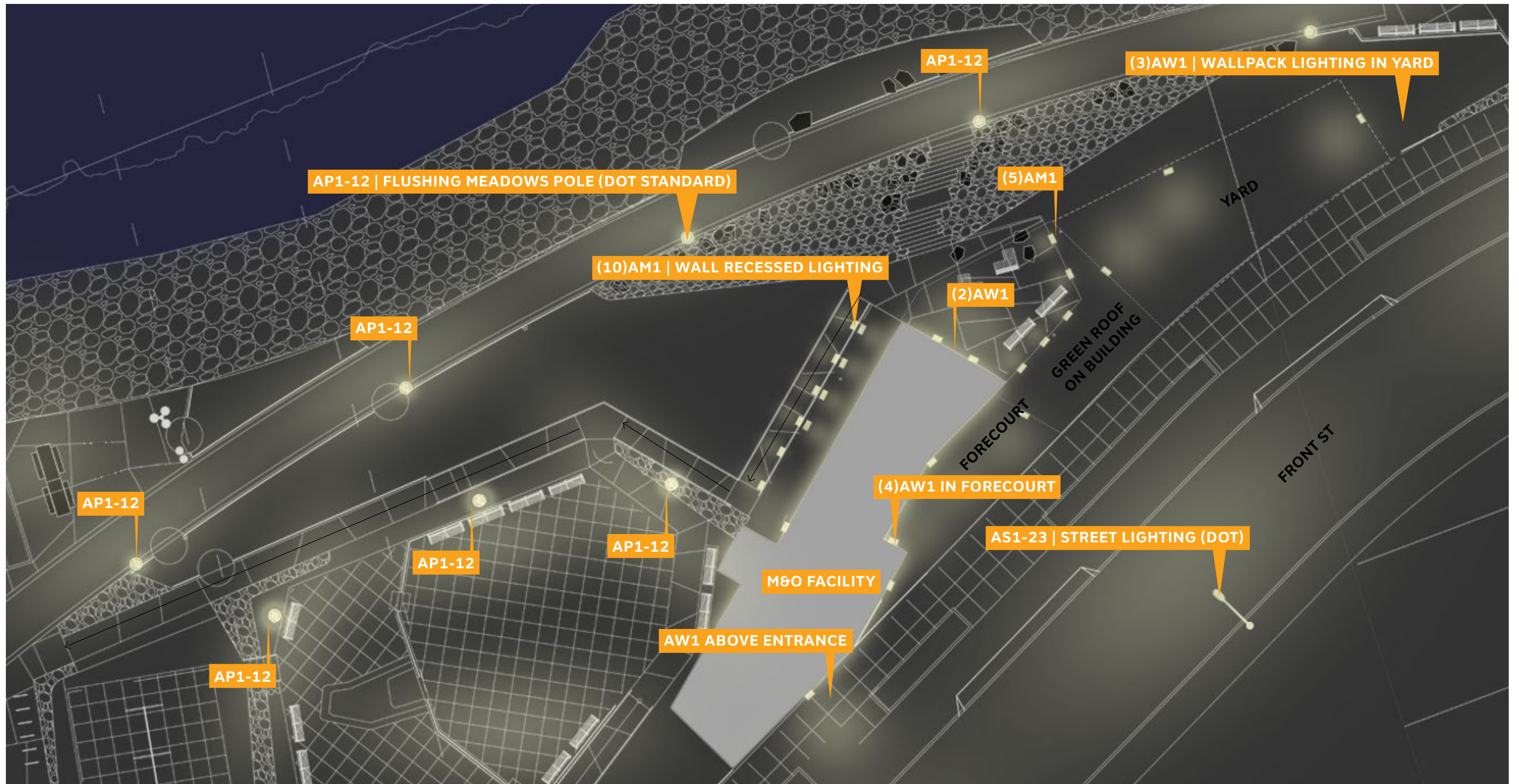


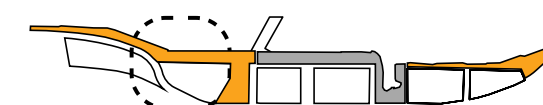
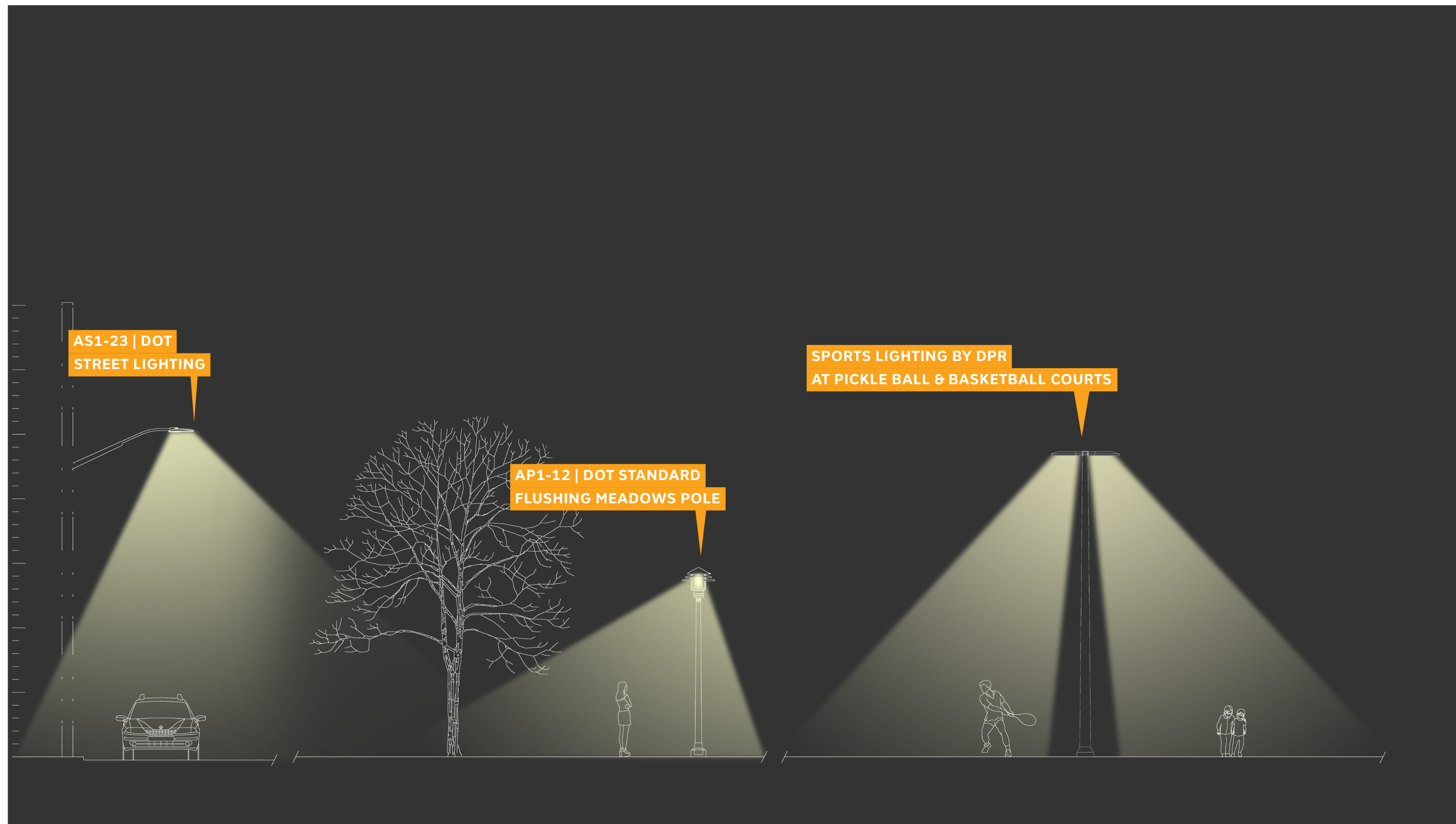
Note: Planting in foreground has been omitted in rendering for clear view of building



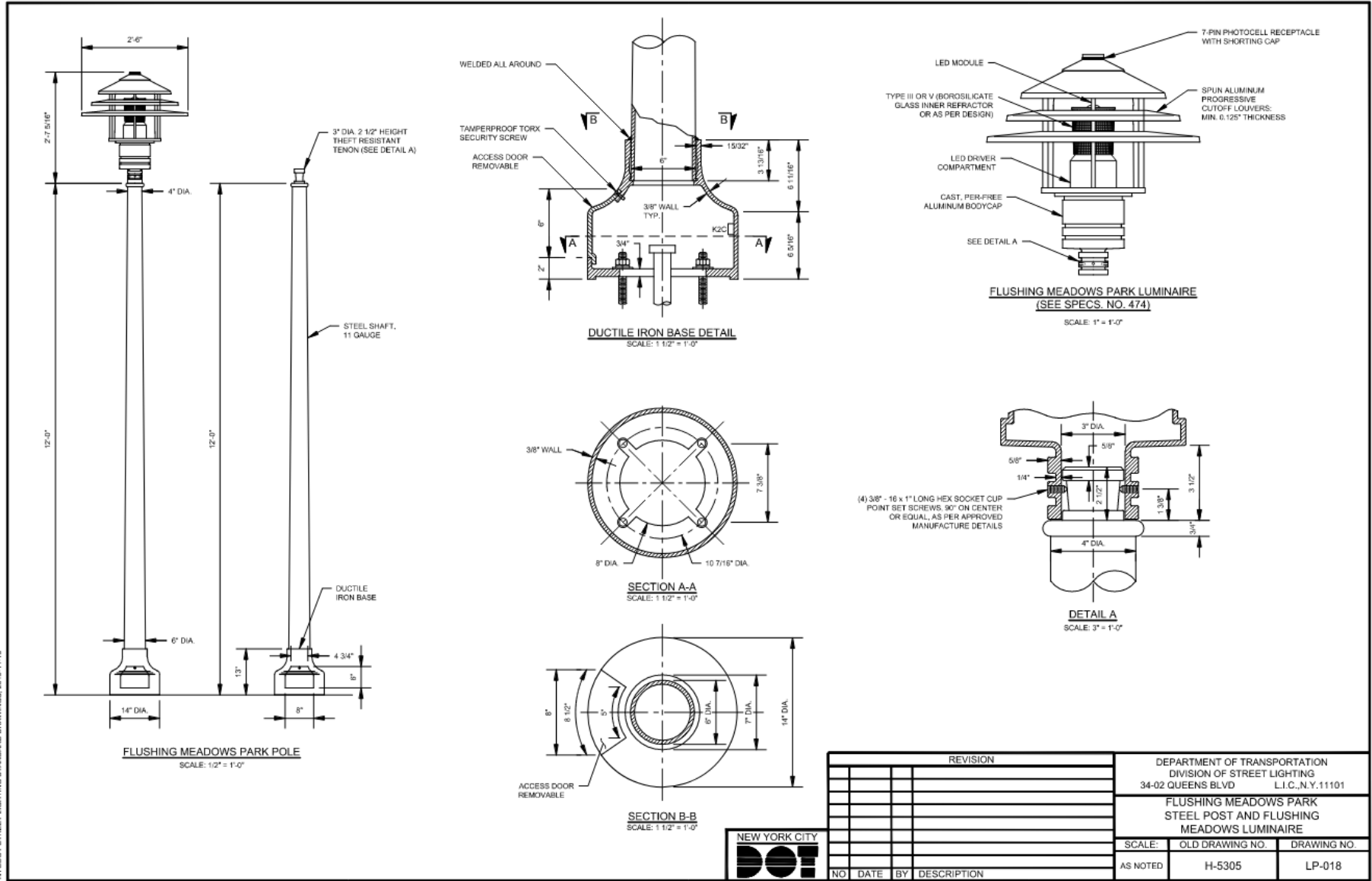
LIGHTING







AP1-12 | FLUSHING MEADOWS POLE (DOT STANDARD)



AM1 | RECESSED WALL LIGHTING

LED recessed wall luminaires - unshielded

Application
LED recessed wall luminaire with unshielded light distribution for the illumination of ground surfaces, building entrances, stairs and footpaths.

Materials
Luminaire housing constructed of die-cast aluminum marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
White safety glass
Silicone applied robotically to plasma treated casting for increased adhesion
High temperature silicone gasket
Mechanically captive stainless steel fasteners
Stainless steel screw clamps
Composite installation housing

NRTL listed to North American Standards, suitable for wet locations
Protection class IP65
Weight: 4.4 lbs

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-30° C
LED module wattage	12.3W
System wattage	15.0W
Controllability	0-10V
Color rendering index	Ra>80
Luminaire lumens	907 lumens (3000K)
Lifetime at Ta=15°C	447,000 h (L70)
Lifetime at Ta=30°C	177,000 h (L70)

LED color temperature

☐ 2700K - Product number + **K27**
☒ 3000K - Product number + **K3**
☐ 3500K - Product number + **K35**
☐ 4000K - Product number + **K4**

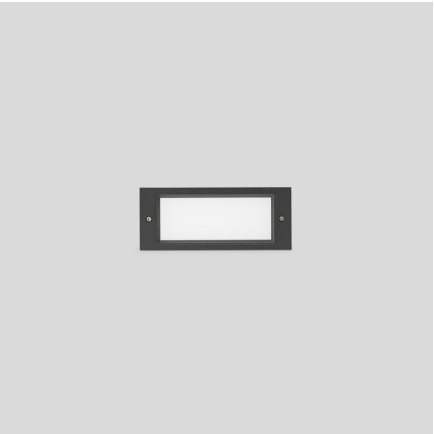
BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish
All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors ☒ Black (BLK) ☐ White (WHT) RAL:
 ☐ Bronze (BRZ) ☐ Silver (SLV) CUS:



Fully enclosed luminaire with installation housing ensures seamless integration and weathertight operation.



LED recessed wall luminaires - unshielded				
	LED	A	B	C
33155	12.3W	13	5	5 1/2

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com

AW1 | WALLPACK LIGHTING

BEGA LED wall luminaire - directed light

Application
This LED wall mounted luminaire has directed light distribution and is designed for the general illumination of pathways, walkways, and plazas.

Materials
Luminaire housing constructed of die-cast marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
White safety glass
Reflector made of pure anodized aluminum
Silicone applied robotically to casting, plasma treated for increased adhesion
High temperature silicone gasket
Mechanically captive stainless steel fasteners

NRTL listed to North American Standards, suitable for wet locations
Protection class IP65
Weight: 7.5lbs

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-40° C
LED module wattage	29.8W
System wattage	34 W
Controllability	0-10V dimmable
Color rendering index	Ra> 80
Luminaire lumens	3558 lumens (3000K)
Lifetime at Ta= 15° C	>500,000 h (L70)
Lifetime at Ta= 40° C	162,000 h (L70)

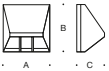
LED color temperature

☐ 4000K - Product number + **K4**
☐ 3500K - Product number + **K35**
☒ 3000K - Product number + **K3**
☐ 2700K - Product number + **K27**

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish
All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors ☒ Black (BLK) ☐ White (WHT) ☐ RAL:
 ☐ Bronze (BRZ) ☐ Silver (SLV) ☐ CUS:

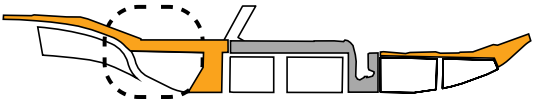


LED wall luminaire - directed light				
	LED	A	B	C
22260	29.8W	11	11	5 1/8

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com



BEGA



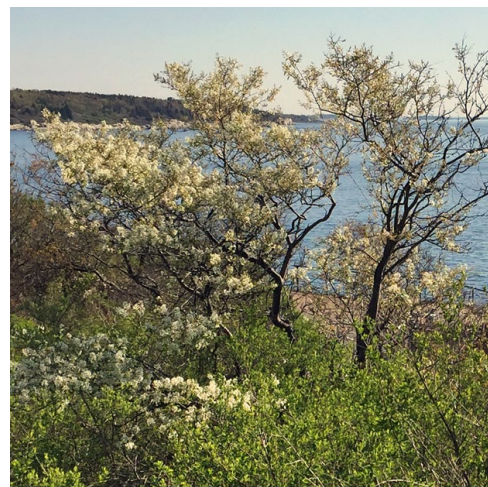
PLANT PALETTE



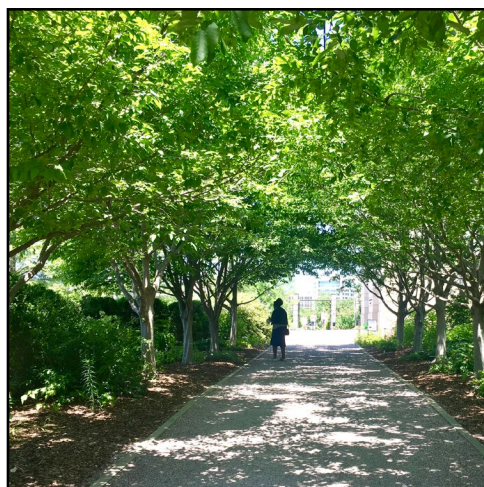
COASTAL UPLAND FOREST



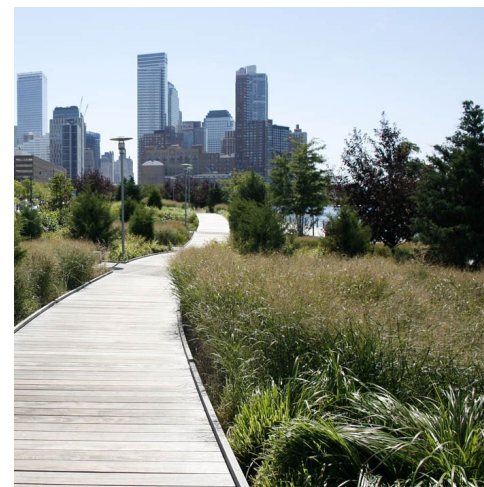
COASTAL UPLAND SHRUBS



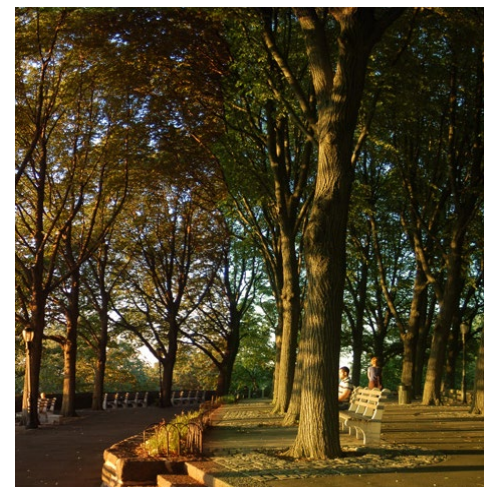
COASTAL ALLEE - 20' O.C.



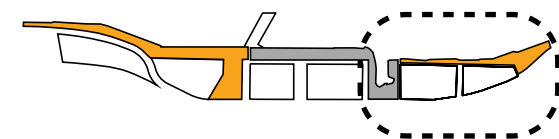
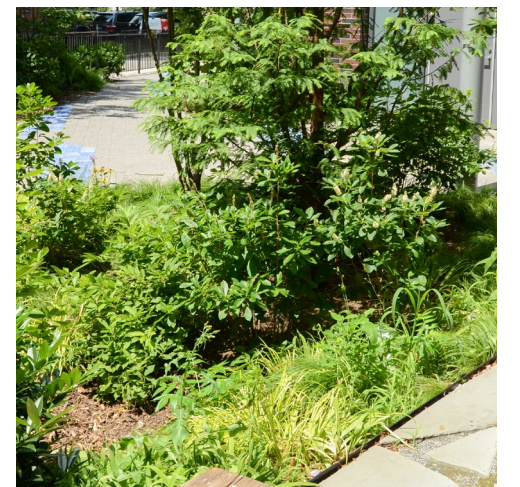
ABSORPTIVE EDGE

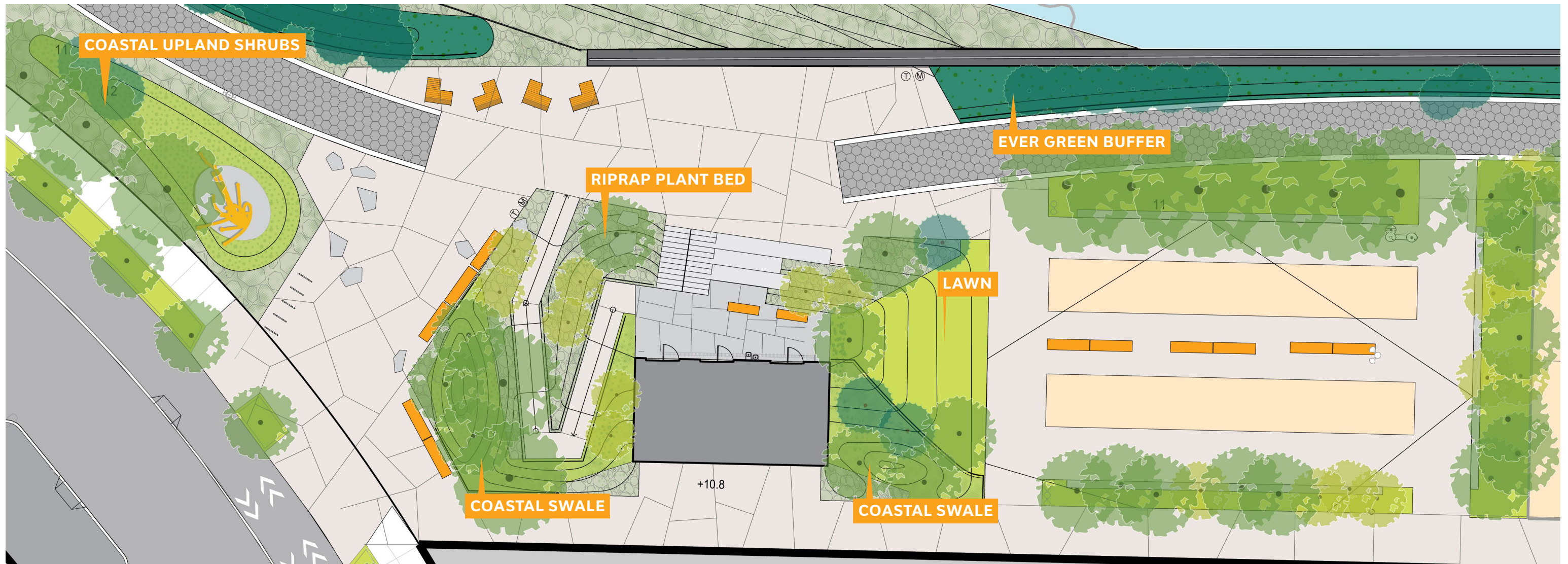


PICNIC GROVE



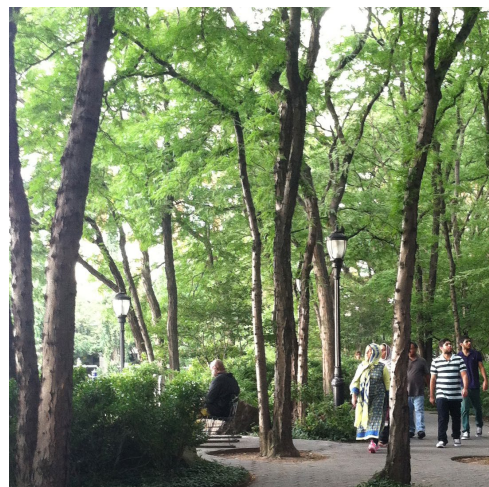
COASTAL SWALE



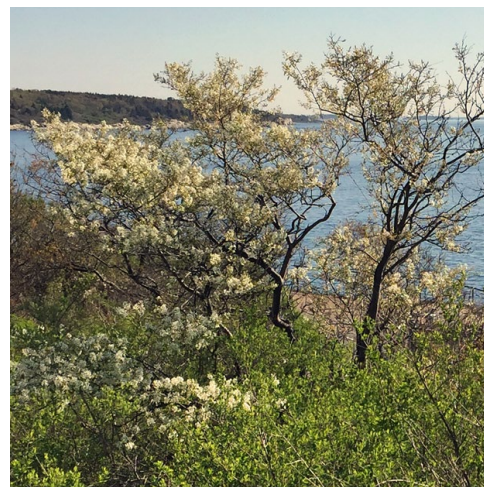


0' 8' 16'
SCALE 1/20" = 1'

COASTAL UPLAND FOREST



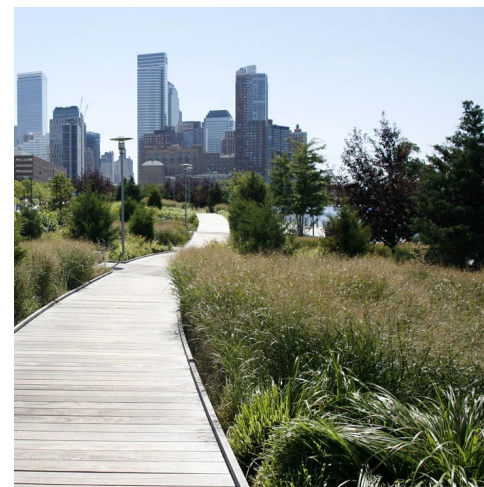
COASTAL UPLAND SHRUBS



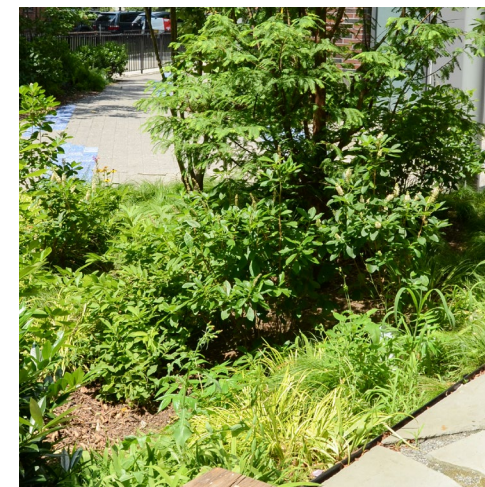
COASTAL ALLEE - 20' O.C.



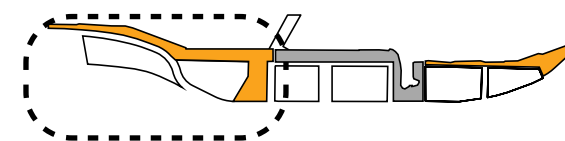
ABSORPTIVE EDGE



COASTAL SWALE



LAWN



EVERGREEN



PITCH PINE
PINUS RIGIDA

PLAZA TREES



SWAMP WHITE OAK
QUERCUS BICOLOR

ARCHED WALKWAY TREE PLANTING



AMERICAN PERSIMMON
DIOSPYROS VIRGINIANA



BLACK CHERRY
PRUNUS SEROTINA



RED MAPLE
ACER RUBRUM



SWAMP WHITE OAK
QUERCUS BICOLOR



EASTERN RED CEDAR
JUNIPERUS VIRGINIANA



KENTUCKY COFFEETREE
GYMNOCLADUS DIOICUS



AMERICAN SWEETGUM
LIQUIDAMBAR STYRACIFLUA



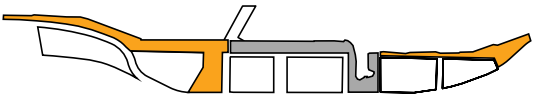
BLACK GUM
NYSSA SYLVATICA



SCARLET OAK
QUERCUS COCCINEA



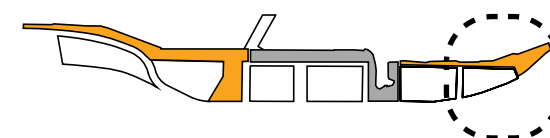
WILLOW OAK
QUERCUS PHELLOS

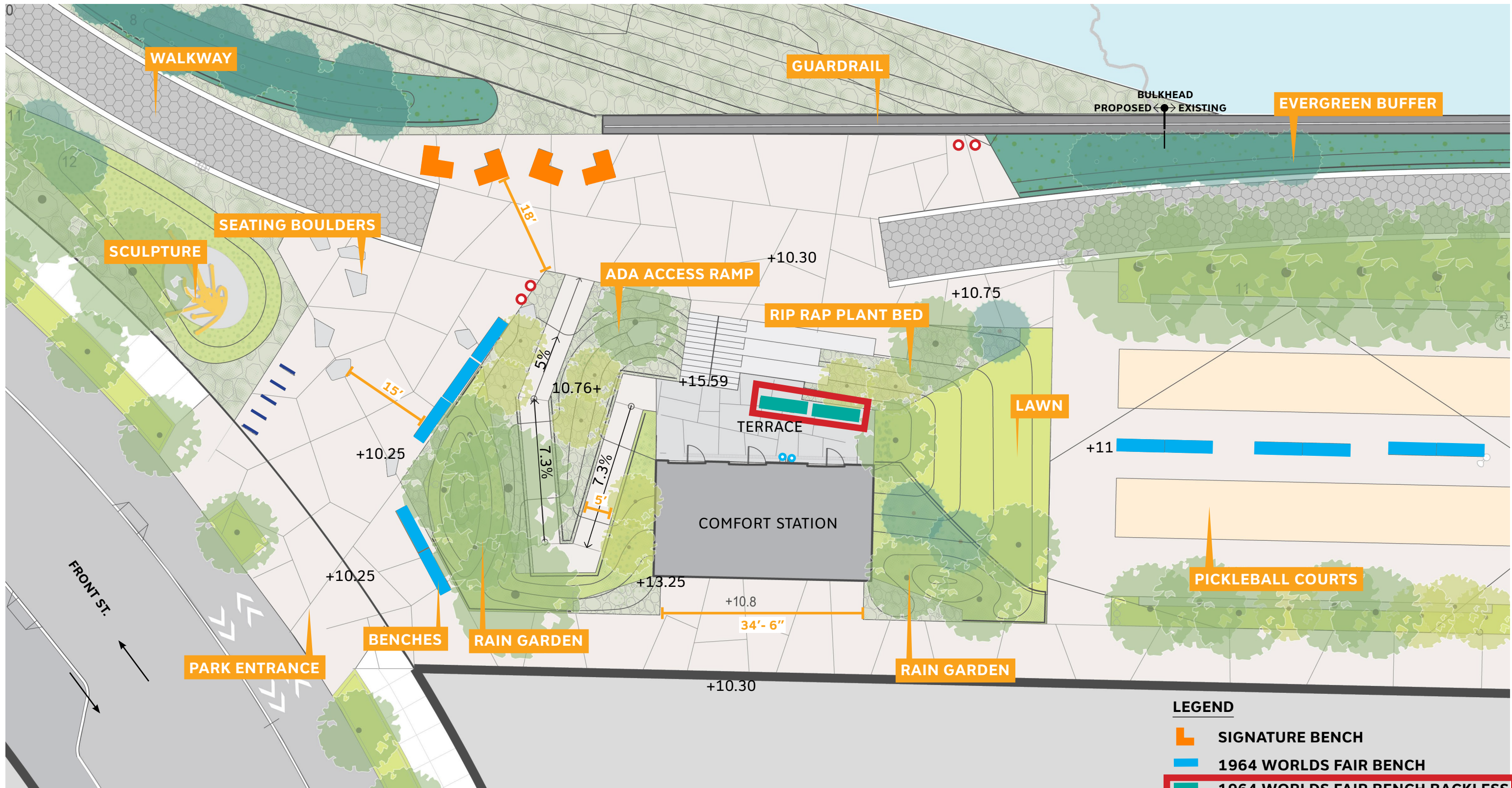


DETAILED MATERIALS PALETTE

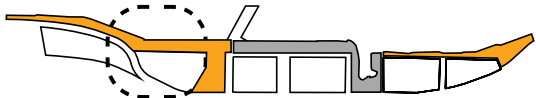


0' 10' 40'
SCALE 1" = 40'





0' 8' 16'
SCALE 1/16" = 1'





SERIES 64 8' WORLD'S FAIR BENCH - RPL SLATS
ALL CITY PLAY EQUIPMENT, INC.



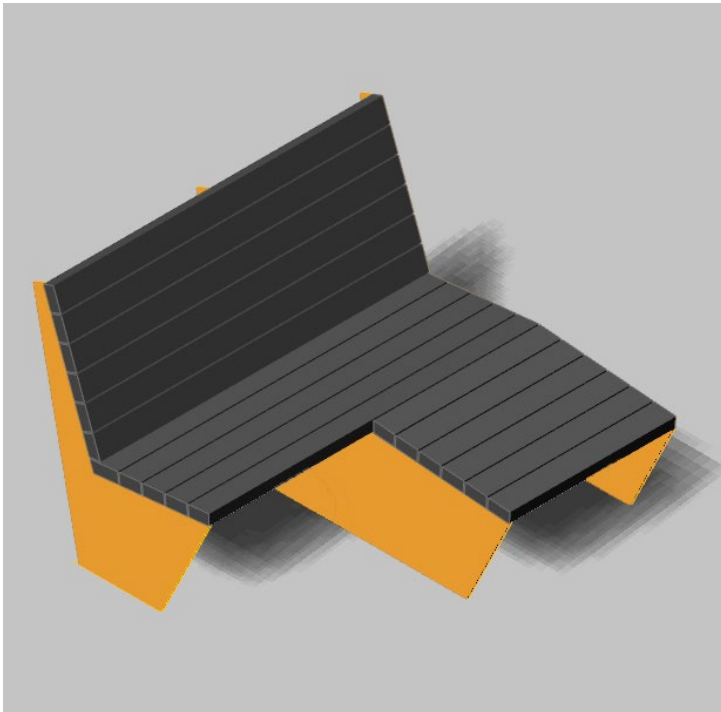
SERIES 64 8' WORLD'S FAIR BENCH - BACKLESS
RPL SLATS
ALL CITY PLAY EQUIPMENT, INC.



PICNIC BENCH
ALL CITY PLAY EQUIPMENT, INC.



WATER FOUNTAIN
MOST DEPENDABLE FOUNTAINS, INC.



SIGNATURE BENCH- RPL SLATS + COLORED
GALVANIZED STEEL
NEW STAPLETON WATERFRONT PHASE 2&3 CONCEPT



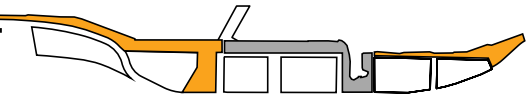
BIKE RACK
NEW STAPLETON WATERFRONT, PHASE 1



NYC DPR STANDARD RECEPTACLES



BBQ GRILL
MOST DEPENDABLE FOUNTAINS, INC





GUARDRAIL - 42" HT. GALVANIZED W.W.M. AND STEEL TUBE RAIL

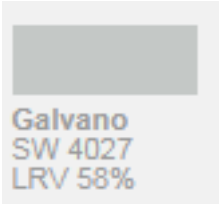


PLANT PROTECTION FENCE - 18" HT. GALVANIZED PIPE RAIL OR COATED STEEL POST

FIRST COAT: SHERWIN WILLIAMS # KEM BOND HS METAL PRIMER B50NZ3, RED OXIDE

SECOND AND THIRD COAT: SHERWIN WILLIAMS STEEL MASTER 9500 SILICONE ALKYD - EXTRAWHITE/TINT BASE OR ULTRADEEP CLEAR - WITH ANY TINTED COLOR

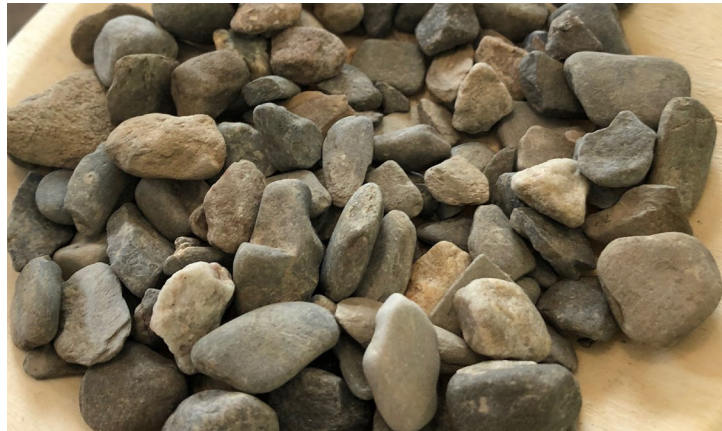
NY REP: ELLIOT 2124897457 OR SW4315@SHERWIN.COM



CHAIN LINK AT SPORTS COURTS - 10' HT. BLACK VINYL-COATED CLF WITH GALVANIZED POSTS PAINTED BLACK



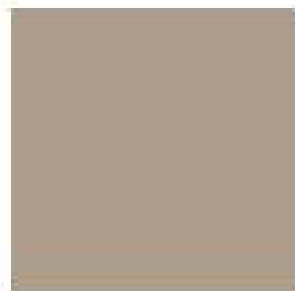
DOG RUN/PLAY AREA FENCE - 48" HT. BLACK VINYL-COATED CLF AND STEEL BAR FENCE



50% 3/8" DELAWARE BLEND
GEORGE SCHOFIELD, BRIDGEWATER, NJ



50% 3/8" LONG ISLAND NATURAL TAN BEIGE
PEA GRAVEL
NEW YORK SAND AND STONE



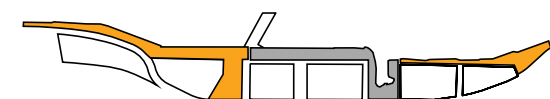
C-12
Mesa Beige
CHROMIX ADMIXTURE



MESA BEIGE WITH DELAWARE BLEND/TAN BEIGE MIX



TRI-COLOR HEX PAVERS - FOR REFERENCE



PREST® BRICK - MFR. BY HANOVER ARCHITECTURAL PRODUCTS
NATURAL, CHARCOAL, MATRIX #M1775 (TO FIND STANDARD MATCH)



TRI-COLOR HEX PAVERS



EXPOSED AGGREGATE CONCRETE - FOR REFERENCE

MFR. SOUTHSIDE PRECAST PRODUCTS *OFF WHITE - MEDIUM ETCH*



OFF-WHITE



SAMPLE IN CONTEXT WITH HEX PAVING, EXPOSED AGGREGATE
CONCRETE, AND RPL



		MARITIME FOREST	MARITIME SHRUBLAND	MARITIME GRASSLAND	BRACKISH MEADOW	BIOSWALE MIX	GREEN ROOF	SITE TREES
BOTANICAL NAME	COMMON NAME							
Trees								
<i>Acer rubrum</i>	Red Maple	X				X		
<i>Amelanchier canadensis</i>	Canadian Service-berry	X	X					X
<i>Diospyros virginiana</i>	Common Persimmon							X
<i>Gymnocladus dioicus</i>	Kentucky Coffee Tree							X
<i>Juniperus virginiana</i>	Eastern Red Cedar							X
<i>Liquidambar styraciflua</i>	American Sweetgum							X
<i>Nyssa Sylvatica</i>	Black Tupelo		X			X		
<i>Pinus rigida</i>	Pitch Pine	X						
<i>Prunus serotina</i>	Black Cherry	X	X			X		
<i>Quercus coccinea</i>	Scarlet Oak	X						X
<i>Quercus bicolor</i>	Swamp White Oak	X	X			X		X
<i>Quercus phellos</i>	Willow Oak	X	X					X
<i>Sassafras albidum</i>	Sassafras		X					
<i>Taxodium distichum</i>	Bald Cypress		X					
Shrubs								
<i>Aronia melanocarpa</i>	Black Chokeberry		X			X		
<i>Baccharis halimifolia</i>	Saltbush				X			
<i>Cephalanthus occidentalis</i>	Buttonbush		X					
<i>Clethra alnifolia</i>	Summersweet Clethra	X	X					
<i>Comptonia peregrina</i>	Sweetfern	X						
<i>Cornus sanguinea</i>	Bloodtwig Dogwood					X		
<i>Gaylussica bacata</i>	Black Huckleberry	X						
<i>Hippophae Rhamnoides</i>	Sea Buckthorn		X		X			
<i>Ilex glabra</i>	Inkberry		X					
<i>Ilex verticillata 'winter red'</i>	Winterberry		X					
<i>Myrica pensylvanica</i>	Northern Bayberry		X	X		X		
<i>Prunus maritima</i>	Beach Plum			X				
<i>Rhus Copallinum</i>	Winged Sumac		X	X				
<i>Rhus trilobata</i>	Skunkbush Sumac		X	X		X	X	
<i>Rosa palustris</i>	Swamp rose					X		
<i>Rosa rugosa 'alba'</i>	Beach Rose	X						
<i>Salix repens</i>	Creeping Silver Willow					X		
<i>Symphoricarpos albus</i>	White Snowberry	X	X					
<i>Vaccinium angustifolium</i>	Lowbush Blueberry	X	X			X		
<i>Vaccinium corymbosum</i>	Highbush Blueberry					X		
<i>Viburnum dentatum</i>	Arrowwood	X						

		MARITIME FOREST	MARITIME SHRUBLAND	MARITIME GRASSLAND	BRACKISH MEADOW	BIOSWALE MIX	GREEN ROOF	SITE TREES
BOTANICAL NAME	COMMON NAME							
Perennials								
<i>Amsonia hubrichtii</i>	Bluestar	X	X				X	
<i>Asclepias tuberosa</i>	Butterfly Weed	X	X			X	X	
<i>Aster ericoides</i>	Heath Aster				X			
<i>Euthamia graminifolia</i>	Flat-top Goldenrod	X	X					
<i>Euthamia tenuifolia</i>	Buttonhead Goldenrod				X			
<i>Monarda bradburiana</i>	Bee Balm	X	X			X	X	
<i>Oenothera fruticosa</i>	Sundrops		X	X				
<i>Solidago graminifolia</i>	Grass-leaved Goldenrod		X					
<i>Solidago patula</i>	Rough-leaf Goldenrod	X	X				X	
<i>Solidago rugosa</i>	Wrinkle-leaf Goldenrod			X				
<i>Solidago sempervirens</i>	Seaside Goldenrod				X			
Groundcovers/Grasses								
<i>Carex pensylvanica</i>	Pennsylvania Sedge			X				
<i>Ammophila breviligulata</i>	American Beachgrass			X				
<i>Bouteloua gracilis</i>	Blue Gama Grass			X				
<i>Chasmanthium latifolium</i>	Wood Oats			X				
<i>Crambe maritima</i>	Sea Kale			X				
<i>Danthonia spicata</i>	Poverty Grass			X				
<i>Eragrostis spectabilis</i>	Purple Lovegrass			X				
<i>Deschampsia flexuosa</i>	Wavy Hairgrass			X				
<i>Hordeum jubatum</i>	Squirrel Tail Barley			X				
<i>Juncus gerardii</i>	Blackgrass				X	X		
<i>Juncus roemerianus</i>	Needlegrass Rush				X			
<i>Panicum amarum</i> 'Dewey Blue'	Bitter Panic Grass							
<i>Panicum virgatum</i>	Switchgrass			X	X		X	
<i>Schizachrium littorale</i>	Coastal Little Bluestem			X			X	
<i>Scirpus pungens</i>	Common Three-square				X	X		
<i>Scirpus robustus</i>	Salt Meadow Bulrush				X			
<i>Sedum sp.</i>	Stonecrop						X	
<i>Spartina patens</i>	Saltmeadow Cordgrass				X	X		



BRICK CLADDING
MANUF: KINGSTON
PRODUCT: POZZOTIVE
COLOR: BLACK EWAN MATTE

MORTAR
MANUF: GLEN GERY
COLOR: G-601



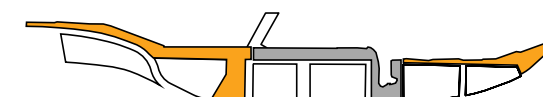
TERRACOTTA PANEL
Color: Custom, Match to Benjamin Moore "Deep Silver" #2124-30
Finish: Engobe, Matte



GLAZED BRICK
MANUF: ELGIN BUTLER
COLOR: NEPTUNE BLUE



MORTAR
MANUF: GLEN GERY
COLOR: G-601





PATTERN SAMPLE AS PROVIDED BY LOCAL SUPPLIER





WINDOW SYSTEM - KAWNEERTRIFAB VERSA GLAZE



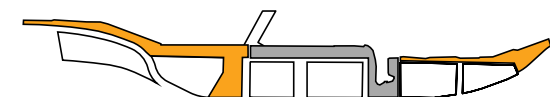
ENTRY DOORS - BLUMCRAFT DOOR SERIES 250



GARAGE DOORS - OVERHEAD DOOR COMPANY



MECHANICAL LOUVERES - AIROLITE STORM CLASS



THANK YOU + QUESTIONS