

# **BELMONT MIDDLE AND HIGH SCHOOL PLANNING BOARD MEETING**

**MAY, 7 2019**

OPTION B - VIEW 2





OPTION A - VIEW 2





CURRENT - VIEW 2





OPTION B - VIEW 1





OPTION A - VIEW 1





CURRENT - VIEW 1



# **HIGH SCHOOL DROP-OFF VIEWS**



## OPTION B - PLAN

### Groundcovers

Scientific name: *Liriope spicata*

Common name: Lilyturf

Height: 12"-18"

Scientific name: *Arctostaphylos uva-ursi*

Common name: Bearberry

Height: 6"-12"

### Ornamental grasses

Scientific name: *Sporobolus heterolepis*

Common name: Prairie Dropseed

Height: 2'-3'

### Shrubs

Scientific name: *Taxus x media*  
'Everlow'

Common name: Everlow Yew

Height: 2'

### Lawn

Common name: Lawn

LAWN

BEARBERRY

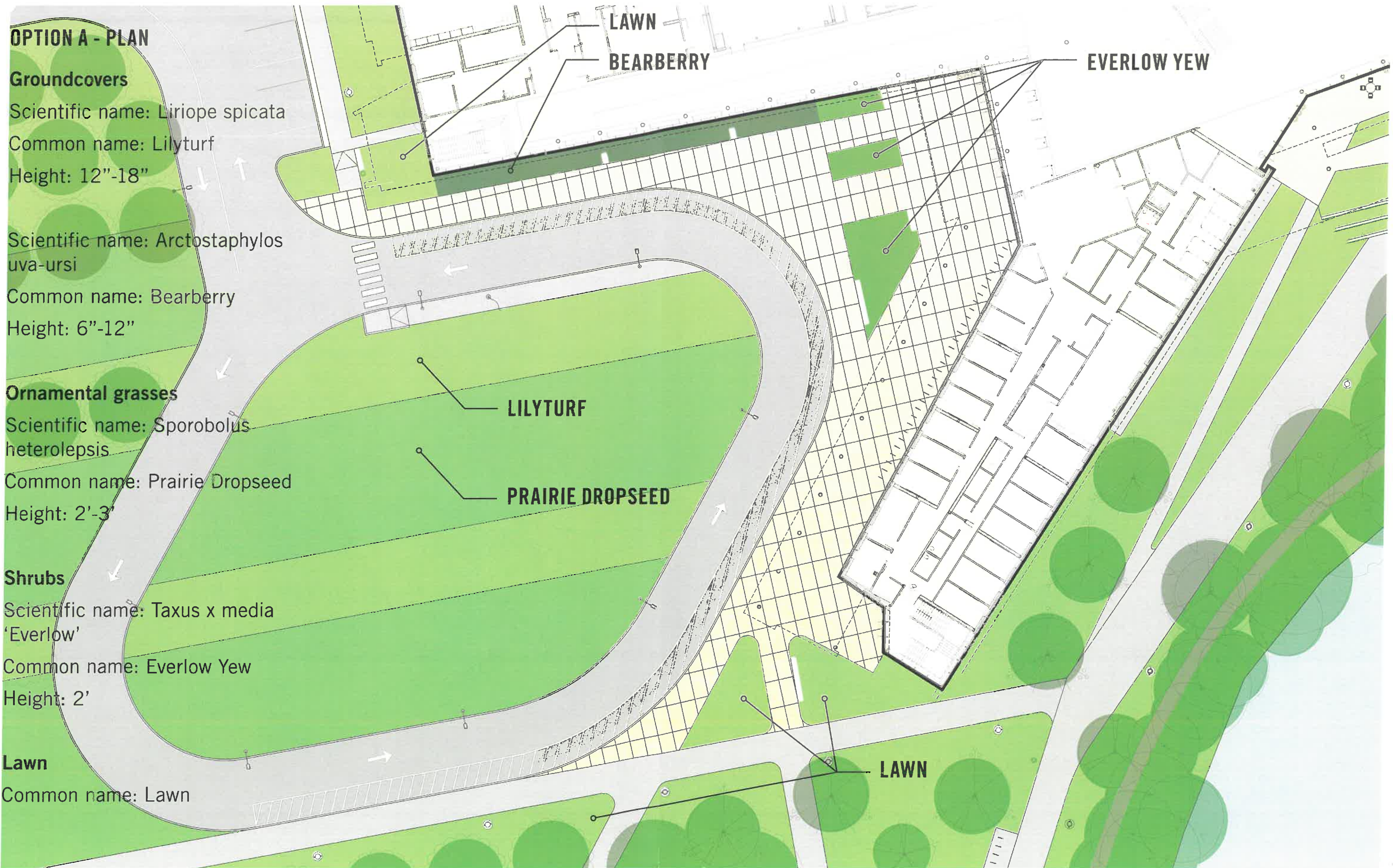
EVERLOW YEW

LILYTURF

PRAIRIE DROPSEED

LAWN







CURRENT - PLAN



# **HIGH SCHOOL DROP-OFF OPTIONS**



OPTION 3 - VIEW 3





## OPTION 2 - VIEW 3





OPTION 1 - VIEW 3





CURRENT - VIEW 3





## POND TERRACE VIEW 3





OPTION 3 - VIEW 2





OPTION 2 - VIEW 2

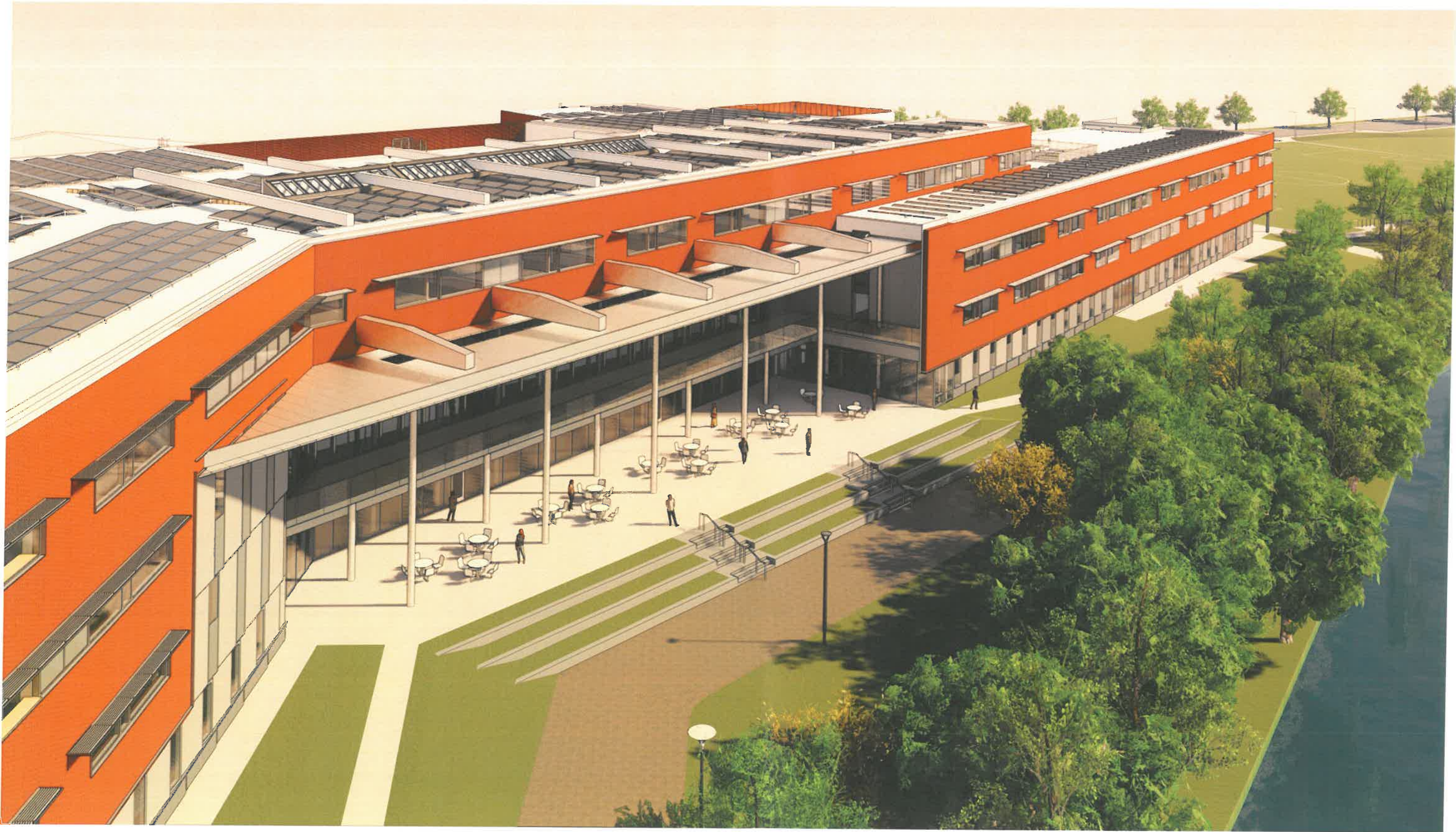




OPTION 1 - VIEW 2









## POND TERRACE VIEW 2



OPTION 3 - VIEW 1





OPTION 2 - VIEW 1





OPTION 1 - VIEW 1





CURRENT - VIEW 1





# POND TERRACE VIEW 1

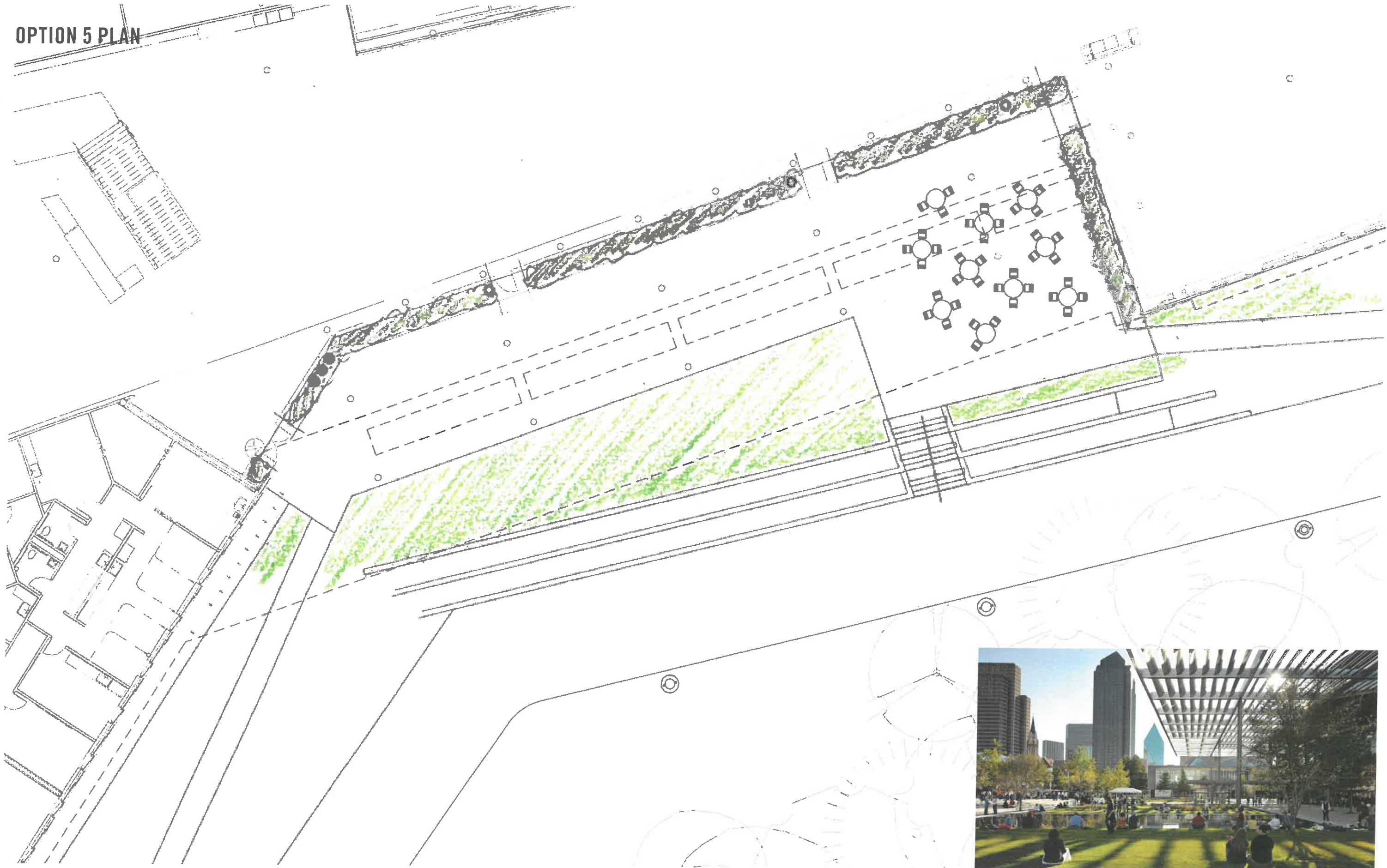


OPTION 6 PLAN



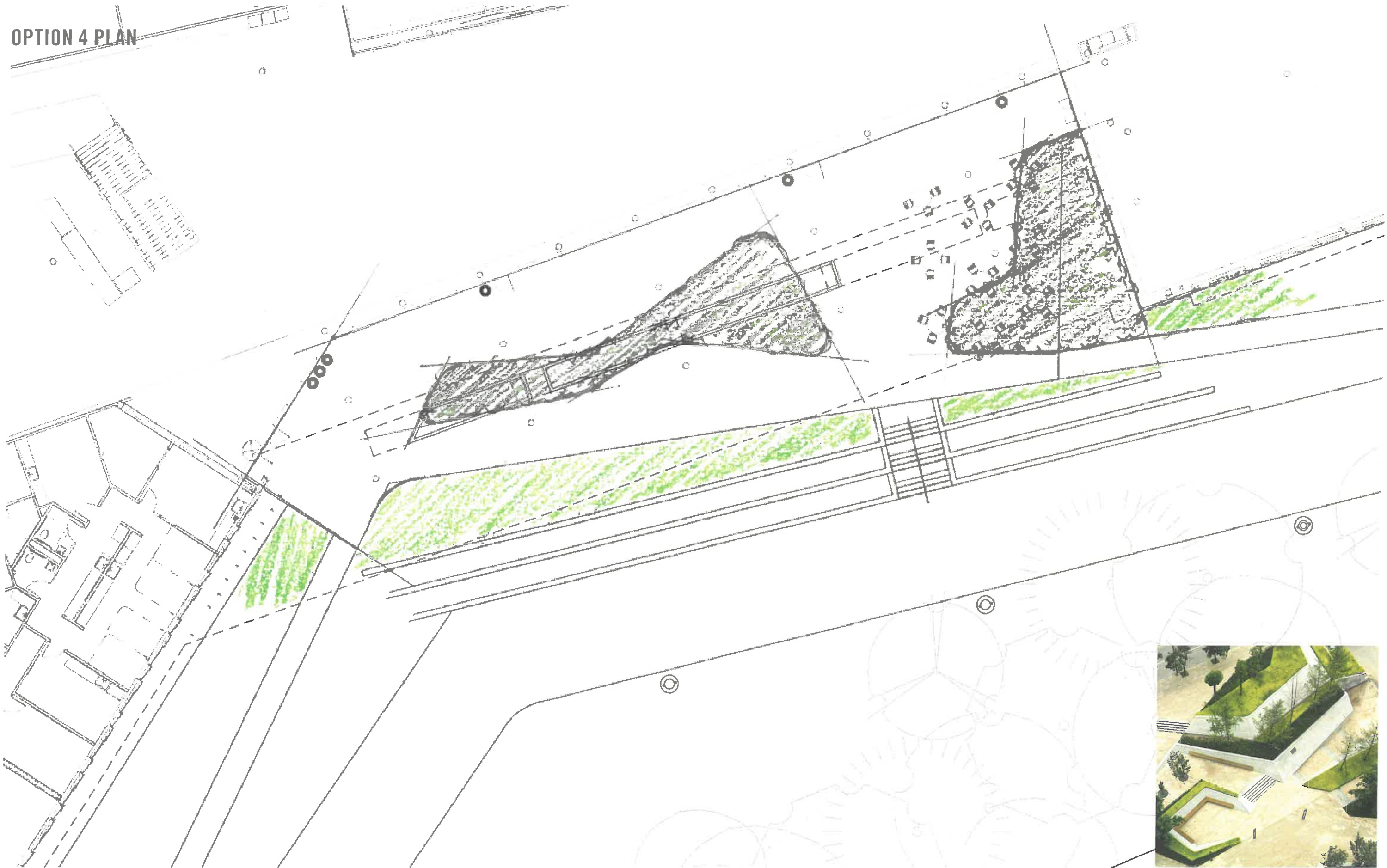


OPTION 5 PLAN





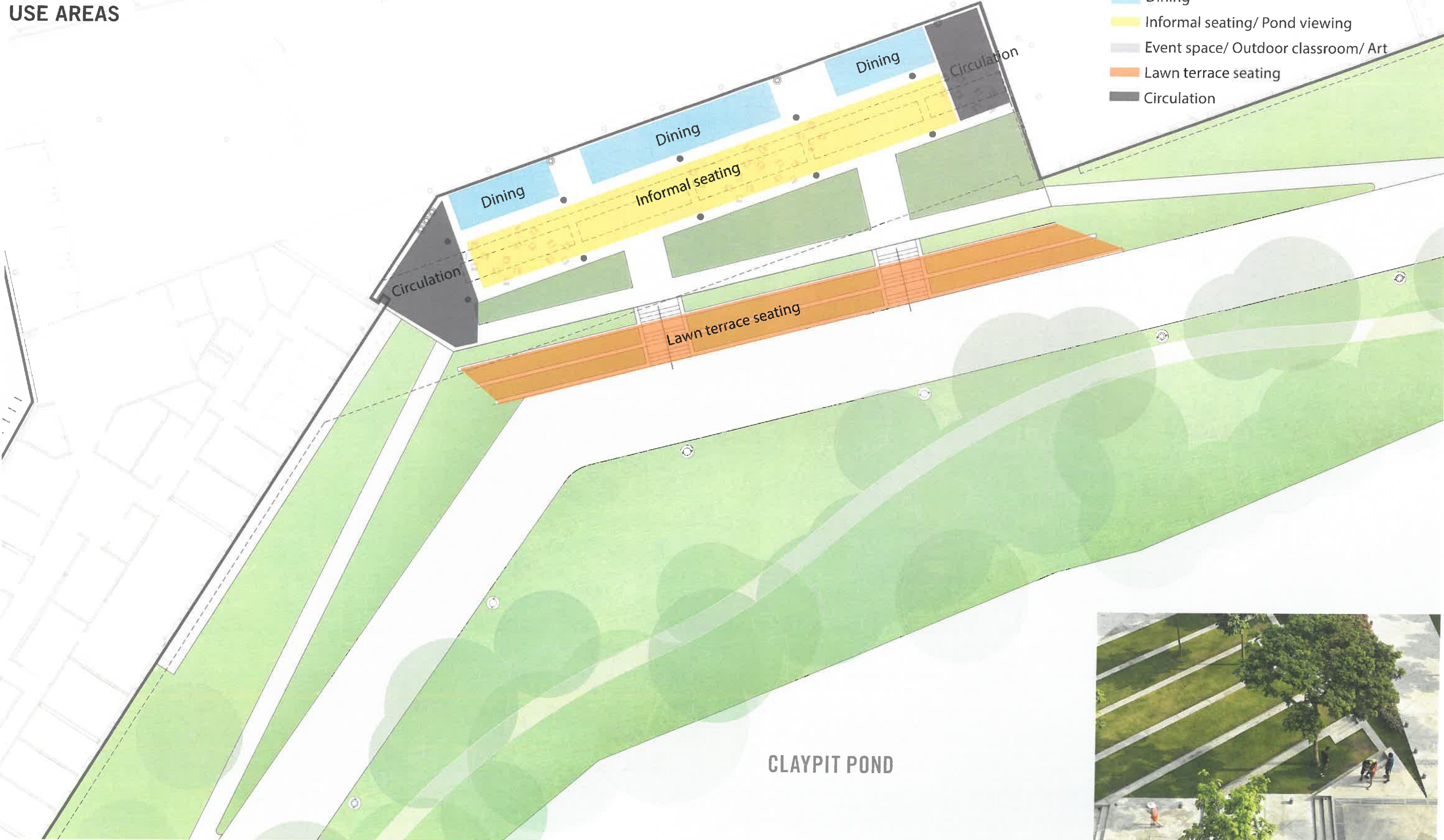
OPTION 4 PLAN



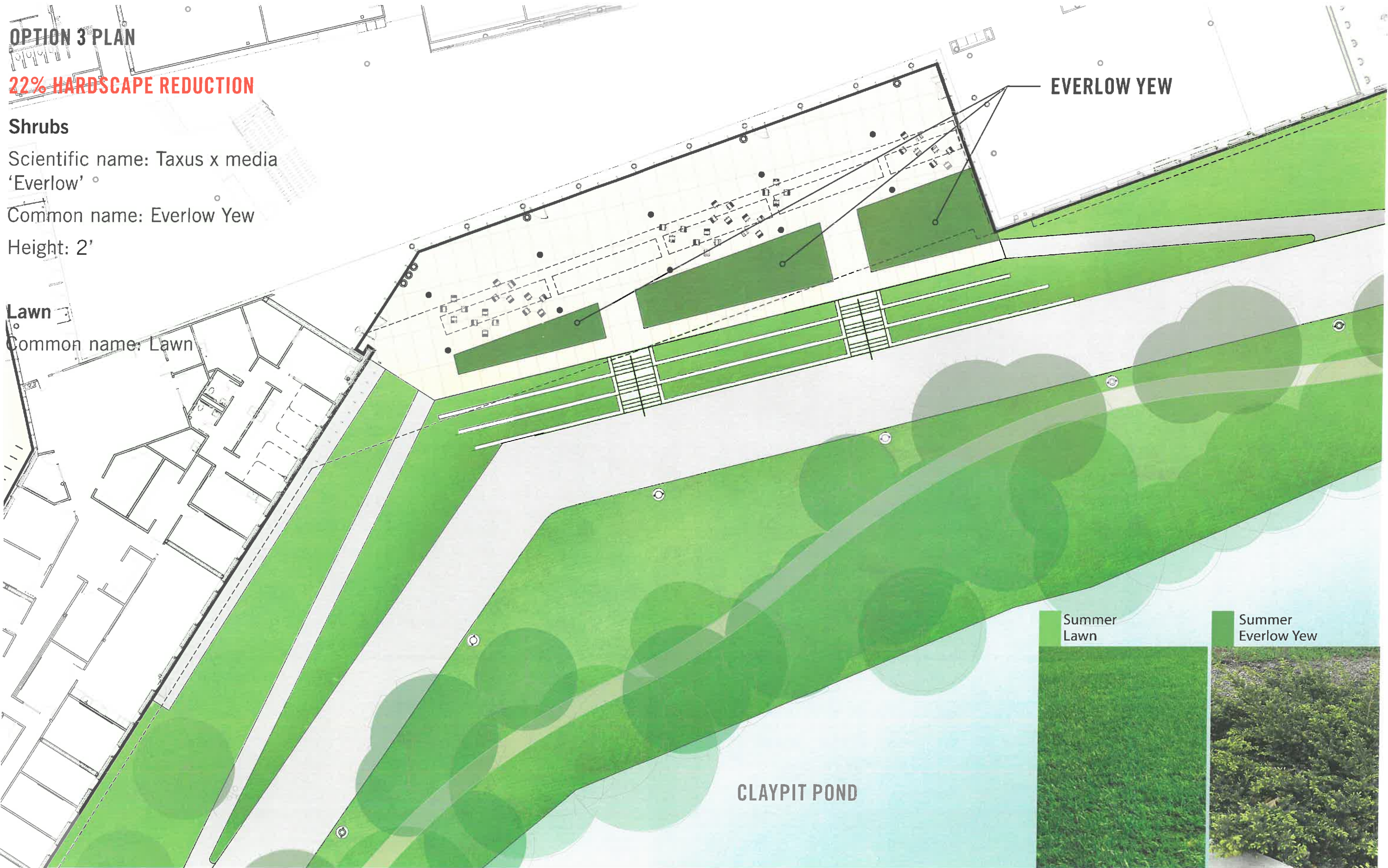


OPTION 3 PLAN  
USE AREAS

- Legend
- Dining
  - Informal seating/ Pond viewing
  - Event space/ Outdoor classroom/ Art
  - Lawn terrace seating
  - Circulation







**OPTION 3 PLAN**

**22% HARDSCAPE REDUCTION**

**Shrubs**

Scientific name: *Taxus x media*  
'Everlow'

Common name: Everlow Yew

Height: 2'

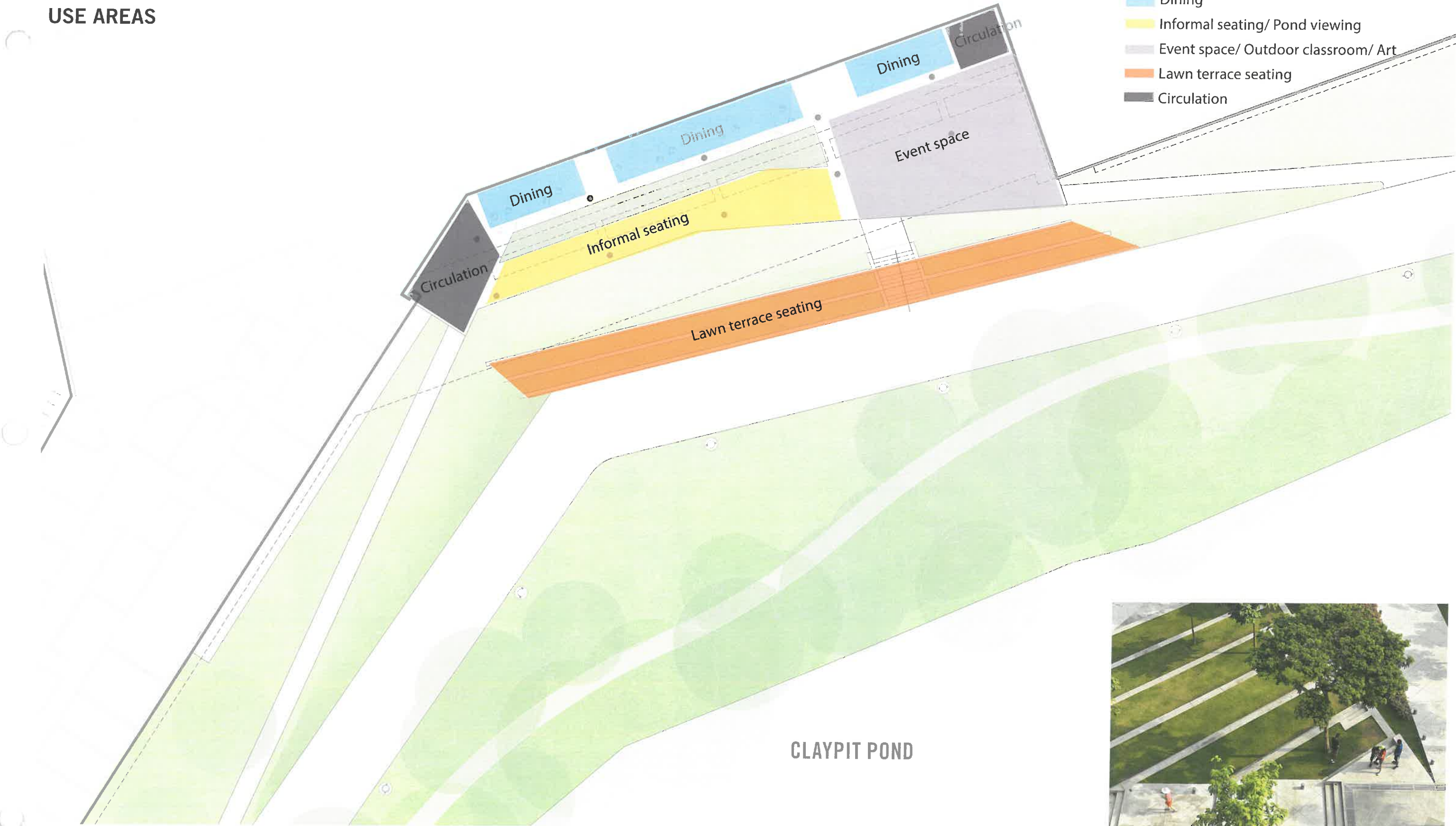
**Lawn**

Common name: Lawn



OPTION 2 PLAN  
USE AREAS

- Legend
- Dining
  - Informal seating/ Pond viewing
  - Event space/ Outdoor classroom/ Art
  - Lawn terrace seating
  - Circulation





OPTION 2 PLAN

27% HARDSCAPE REDUCTION

Shrubs

Scientific name: Taxus x media  
'Everlow'

Common name: Everlow Yew

Height: 2'

Lawn

Common name: Lawn

EVERLOW YEW

CLAYPIT POND



Summer Lawn

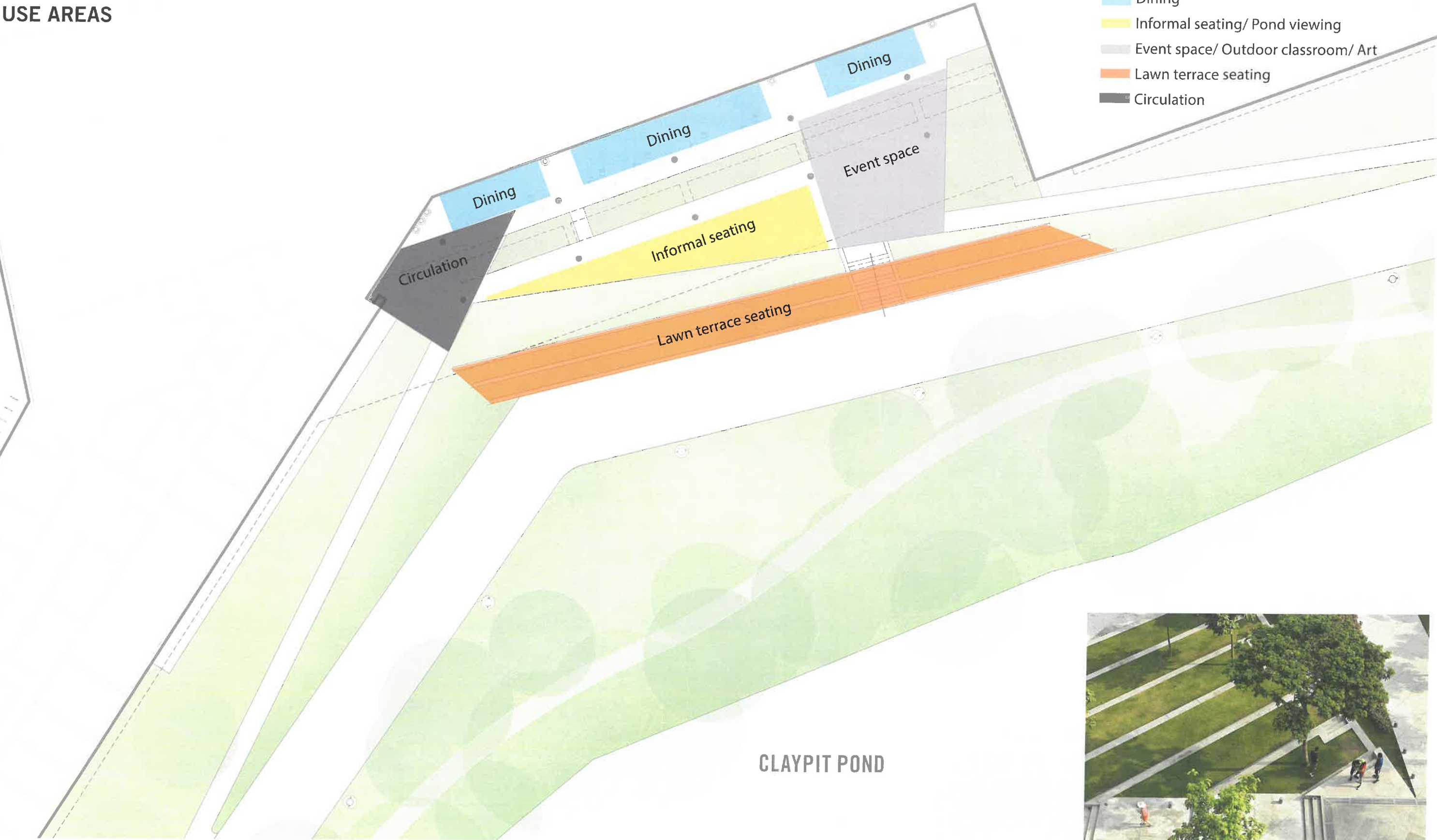


Summer Everlow Yew

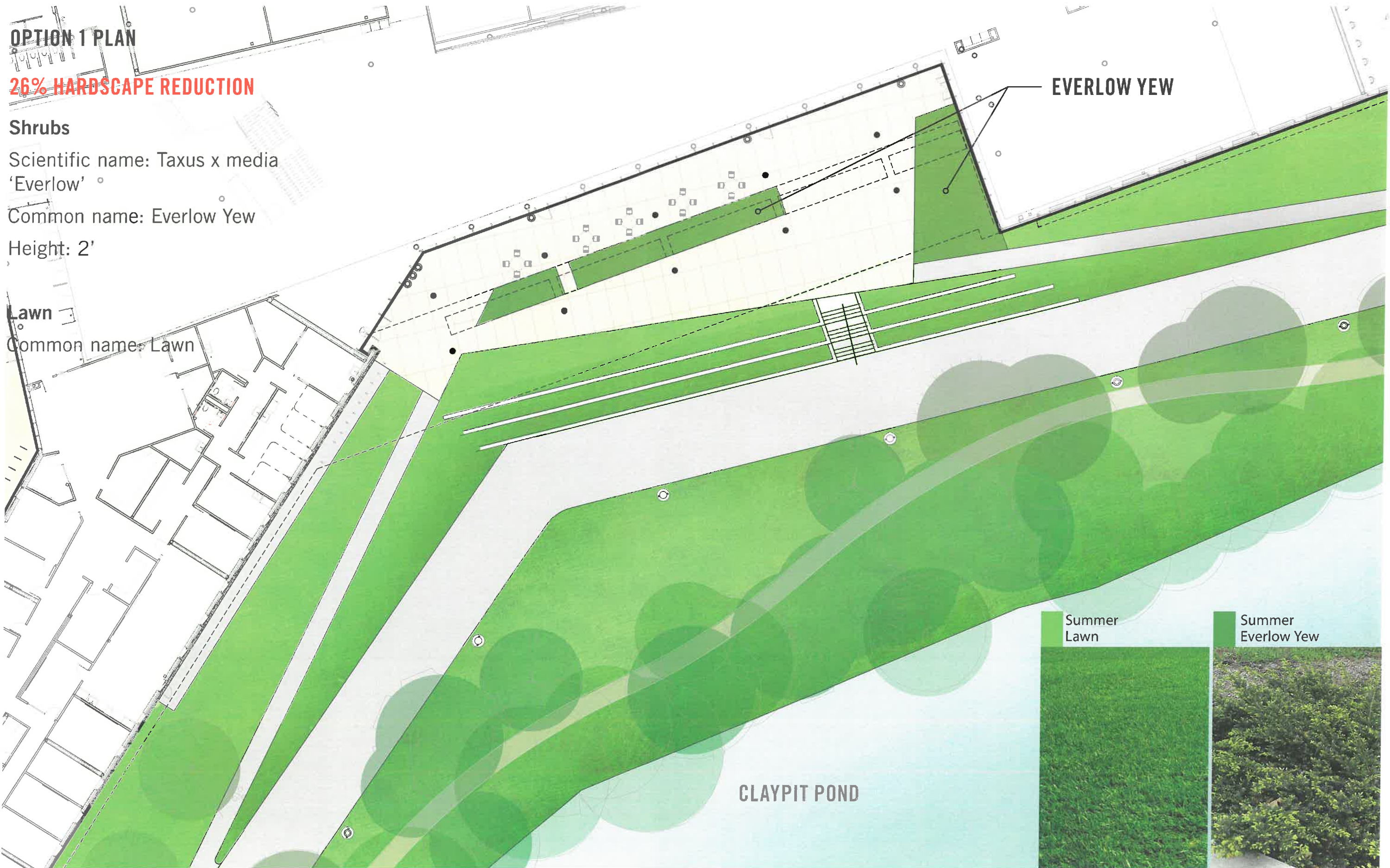


OPTION 1 PLAN  
USE AREAS

- Legend
- Dining
  - Informal seating/ Pond viewing
  - Event space/ Outdoor classroom/ Art
  - Lawn terrace seating
  - Circulation





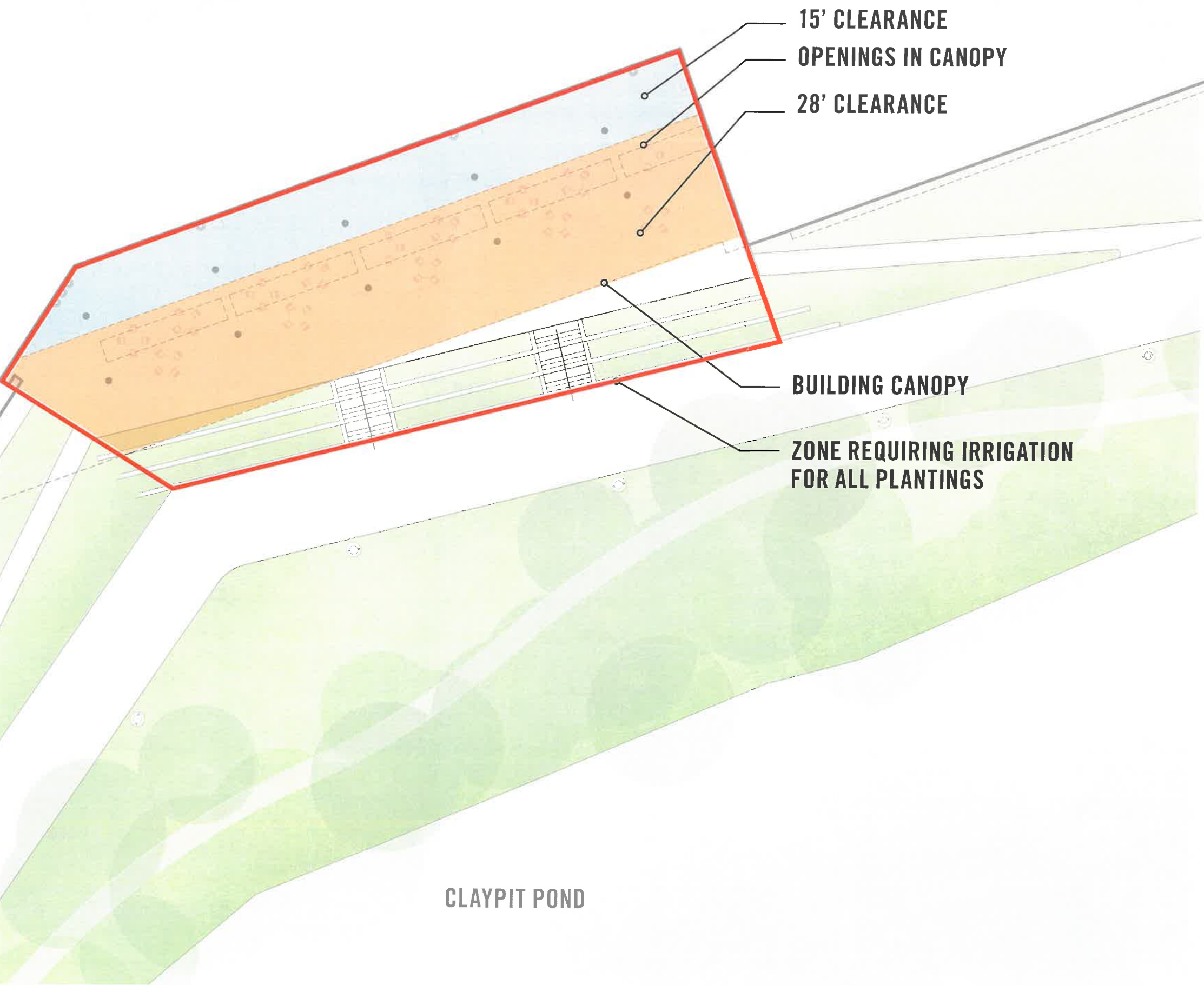




**CURRENT PLAN**

**SITE CONDITIONS**

- All plantings within the rain shadow of the canopy will need to be irrigated.
- Irrigation should include lawn terraces for consistency of planting performance.
- The deeper under the canopy plants are located, the more challenging the planting conditions.
- Plantings in this area will require a higher level of maintenance.
- Cost savings of reduced pavement will be at least partially offset by higher landscape costs.





CURRENT PLAN



CLAYPIT POND

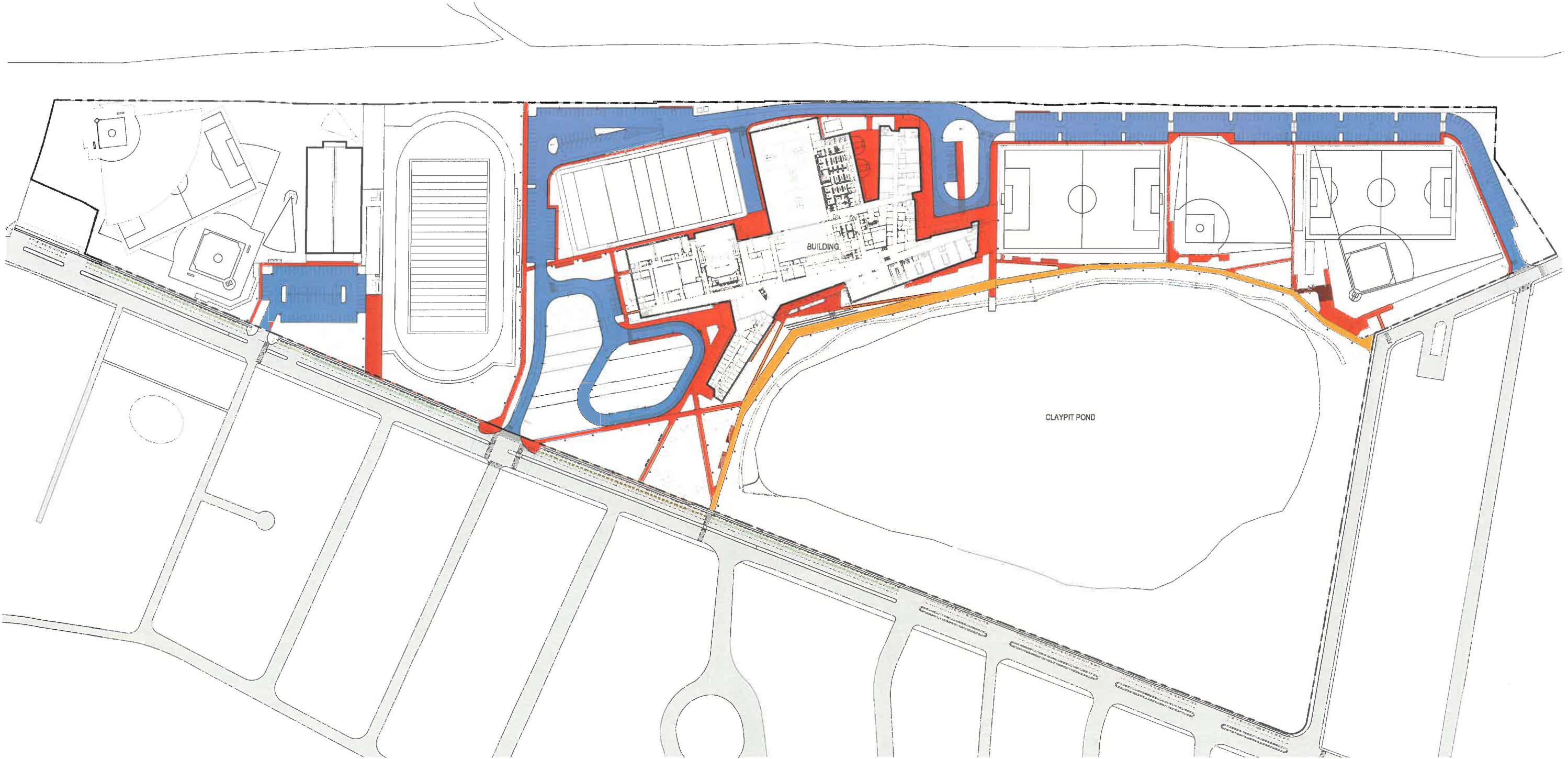


# POND TERRACE OPTIONS



PAVING MATERIALS

- Legend
- Asphalt
  - Porous asphalt
  - Concrete
  - Brick



PAVING MATERIALS PLAN  
MAY 7, 2019

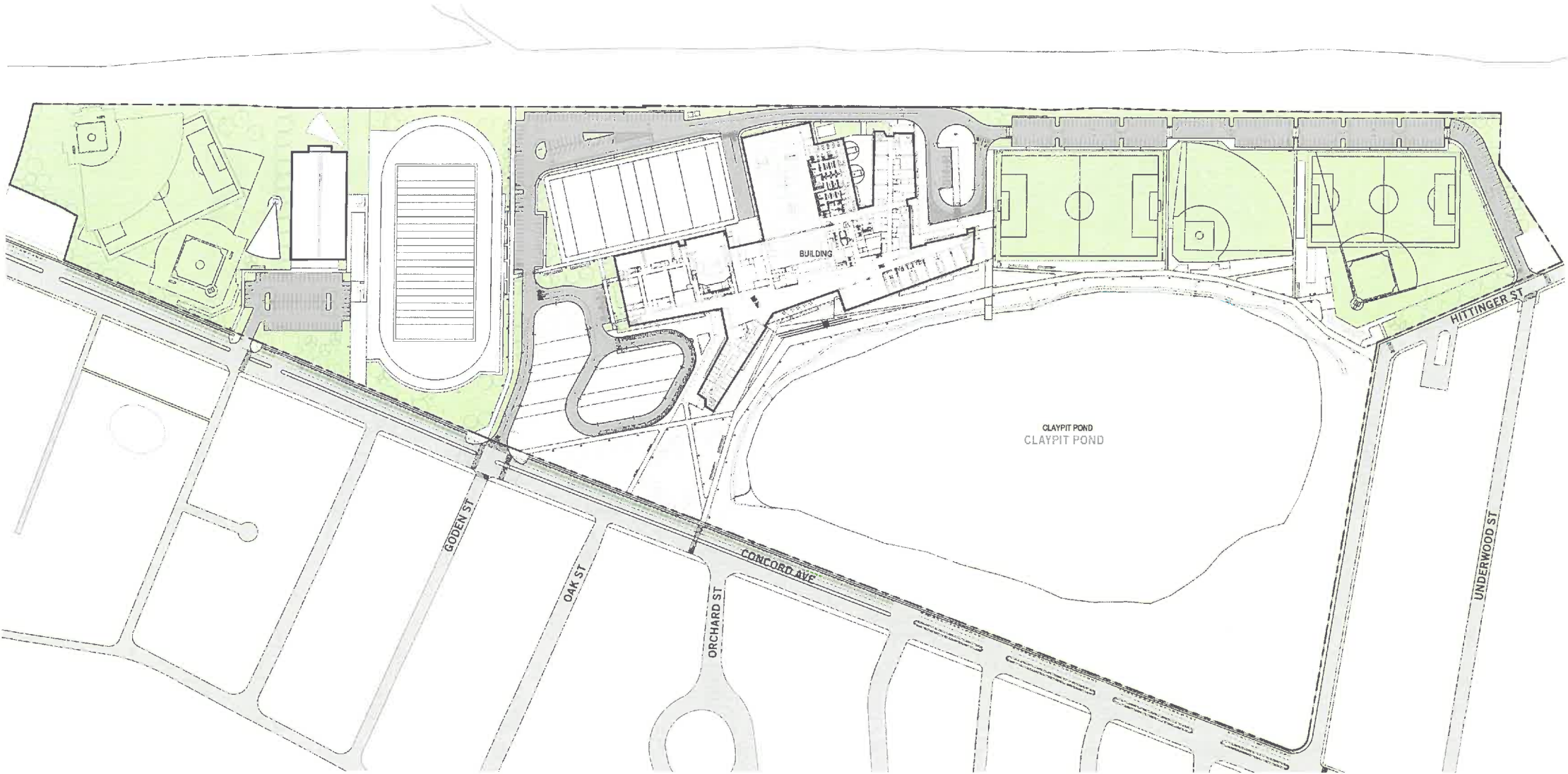
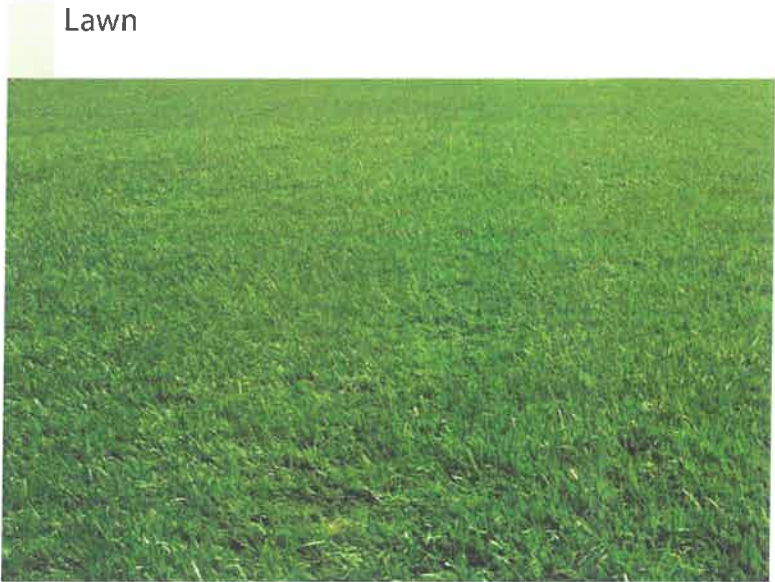


# PAVING MATERIALS



LAWN

Lawn





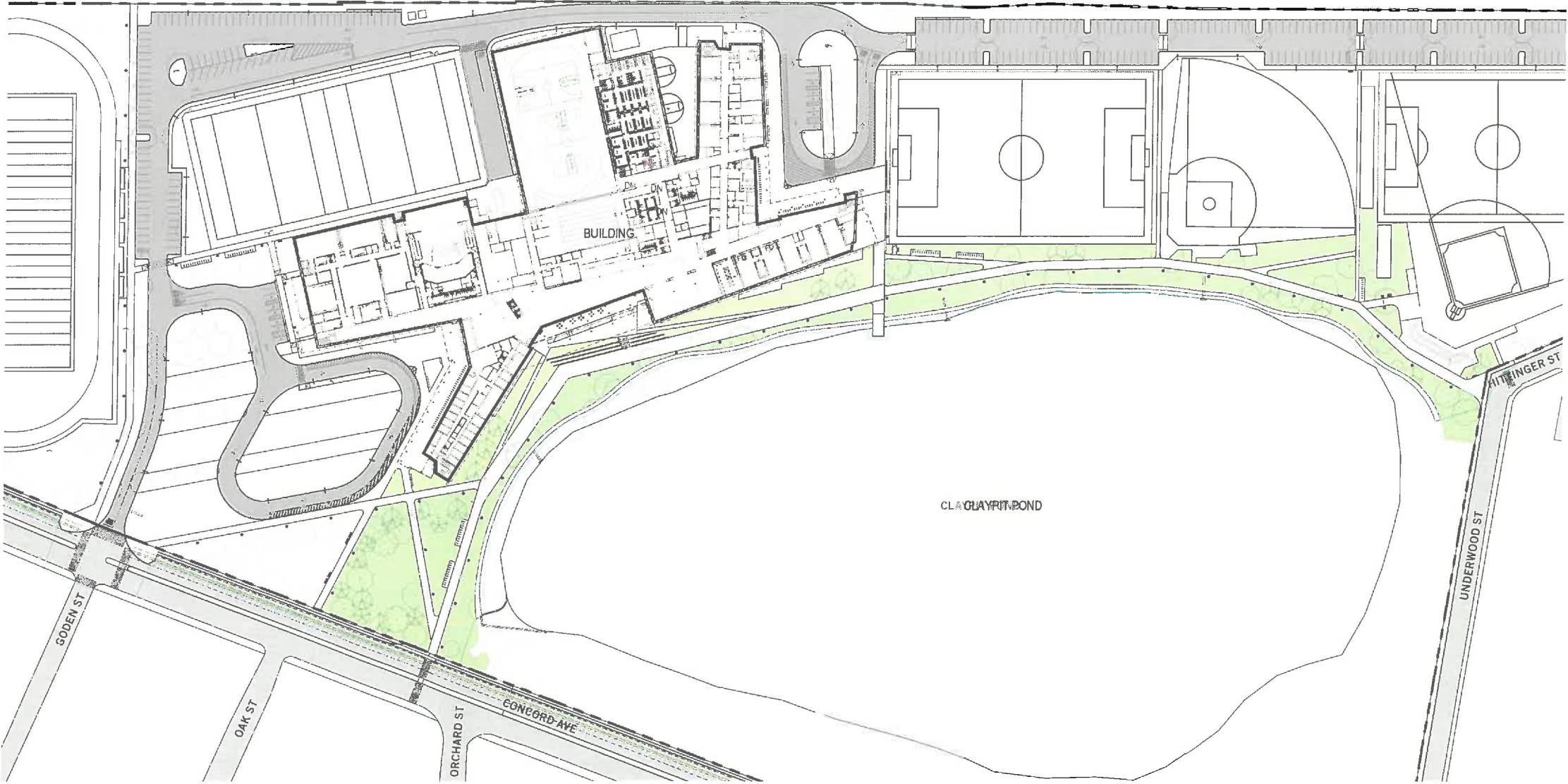
# SPORTS FIELDS AND PARKING





LAWN

Lawn



Legend

Lawn

PLANTING PALETTE

MAY 7, 2019



TREES

Scientific name: Acer rubrum  
Common name: Red maple  
Height: 40'

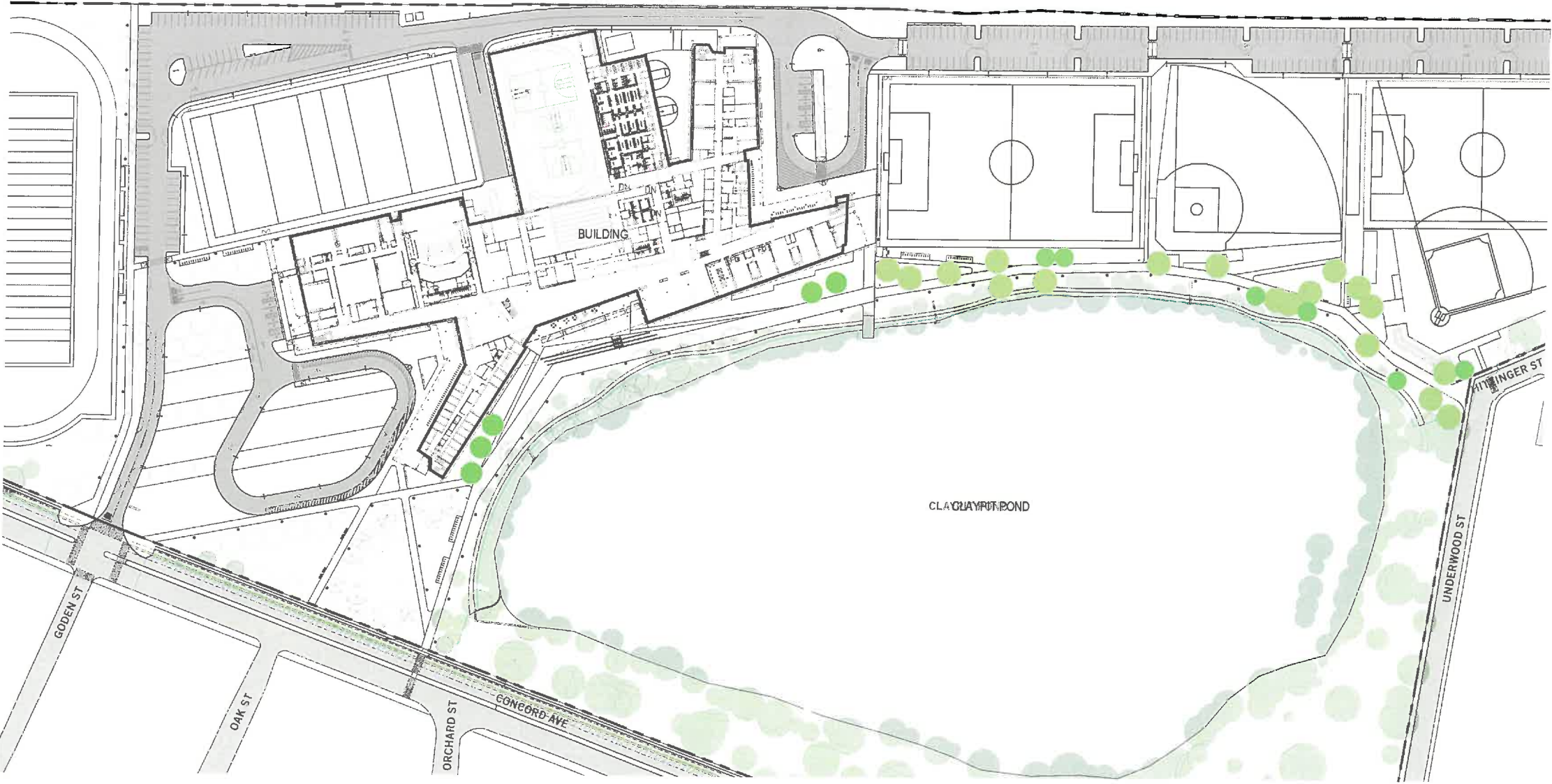
Scientific name: Ulmus americana  
Common name: American Elm  
Height: 60'

Scientific name: Quercus rubra  
Common name: Northern Red Oak  
Height: 60'

Scientific name: Salix babylonica  
Common name: Weeping Willow  
Height: 60'

Scientific name: Amelanchier arborea  
Common name: Serviceberry  
Height: 15'

Scientific name: Cercis canadensis  
Common name: Eastern Redbud  
Height: 15'-20'



- Legend
- Deciduous Canopy Trees
  - Flowering Trees
  - Existing Trees



# POND EDGE



SHRUBS/ GROUNDCOVERS/ GRASSES

Considerations for establishment

- Prairie Dropseed will do best if planted in the late spring or summer. It is a warm season grass.

Maintenance considerations

- Weeding every month required between plantings for first growing season (alternate approach is to use a selective herbicide that manages broadleaf weeds)
- Weeding will probably be required every other month during second and third growing seasons.
- Prairie Dropseed should be pruned back every winter so new growth looks best in spring
- Prairie Dropseed is relatively slow growing- will take 2-3 growing seasons to mature.
- Edging recommended at the edge of liriopse to maintain banded expression



PLANTING PALETTE

MAY 7, 2019



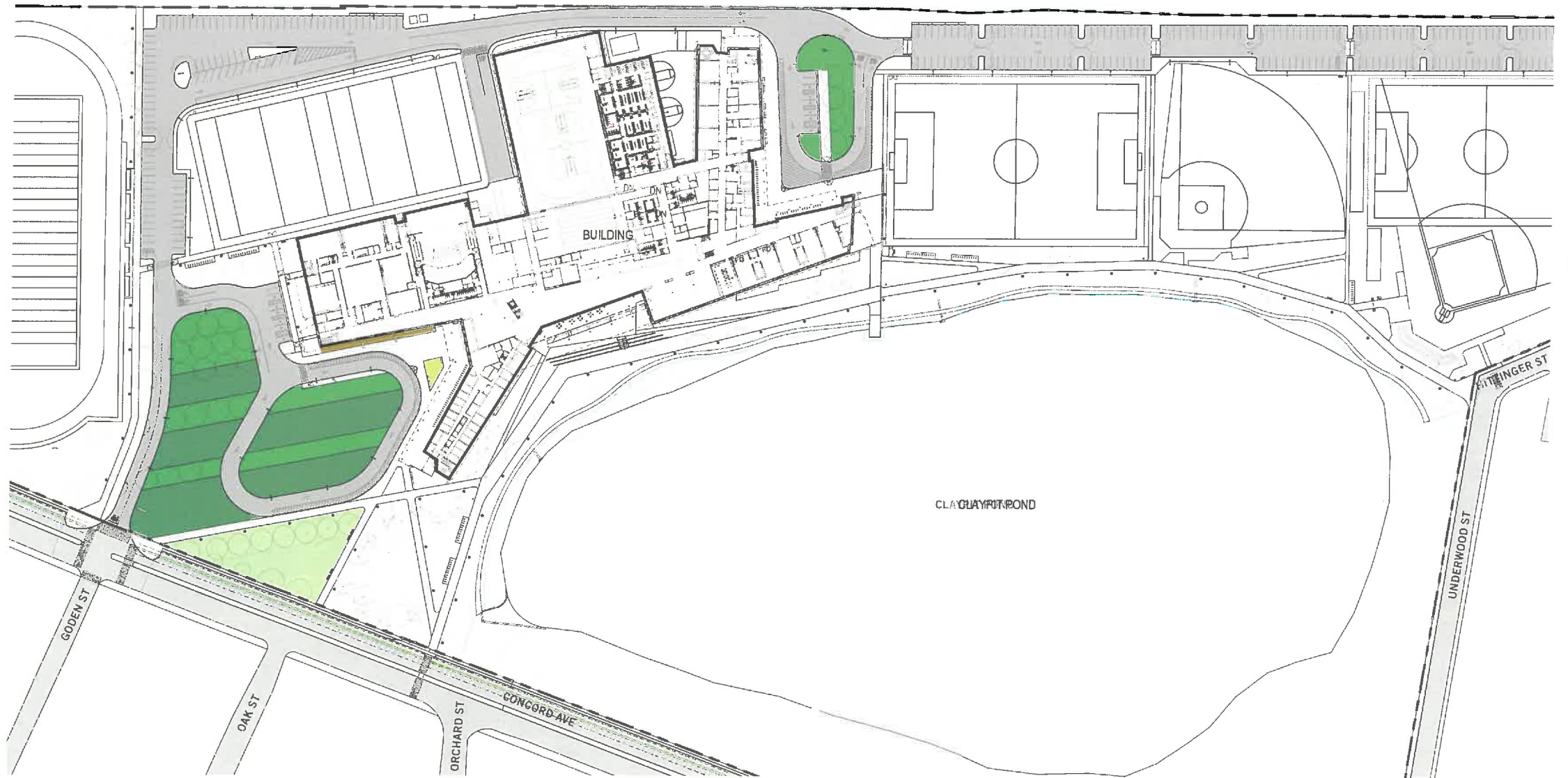
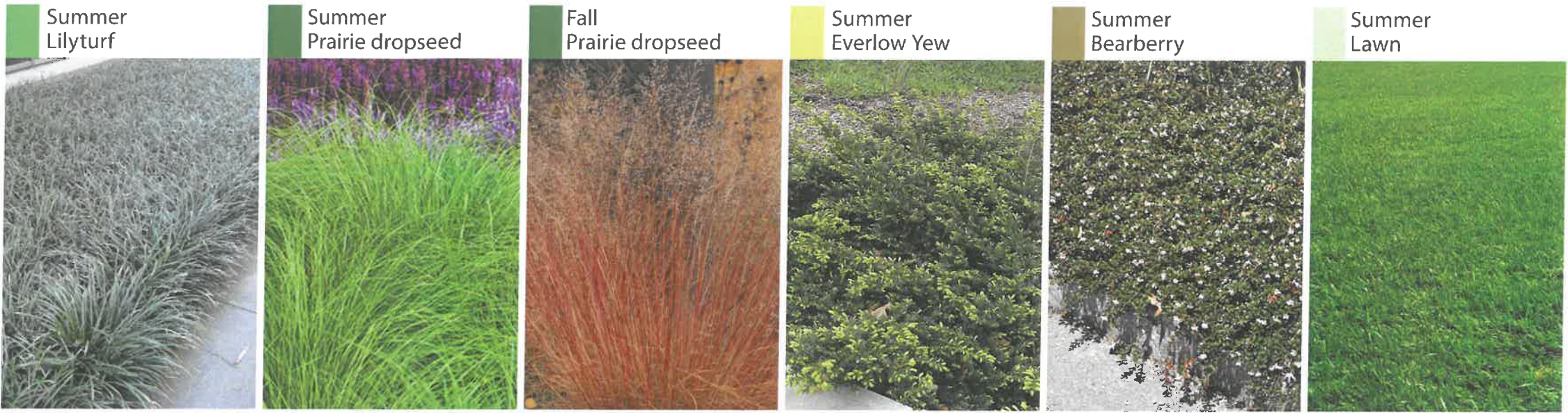
SHRUBS/ GROUNDCOVERS/ GRASSES

Scientific name: Liriope spicata  
Common name: Lilyturf  
Height: 12"-18"

Scientific name: Sporobolus heterolepsis  
Common name: Prairie Dropseed  
Height: 2'-3'

Scientific name: Taxus x media 'Everlow'  
Common name: Everlow Yew  
Height: 2'

Scientific name: Arctostaphylos uva-ursi  
Common name: Bearberry  
Height: 6"-12"

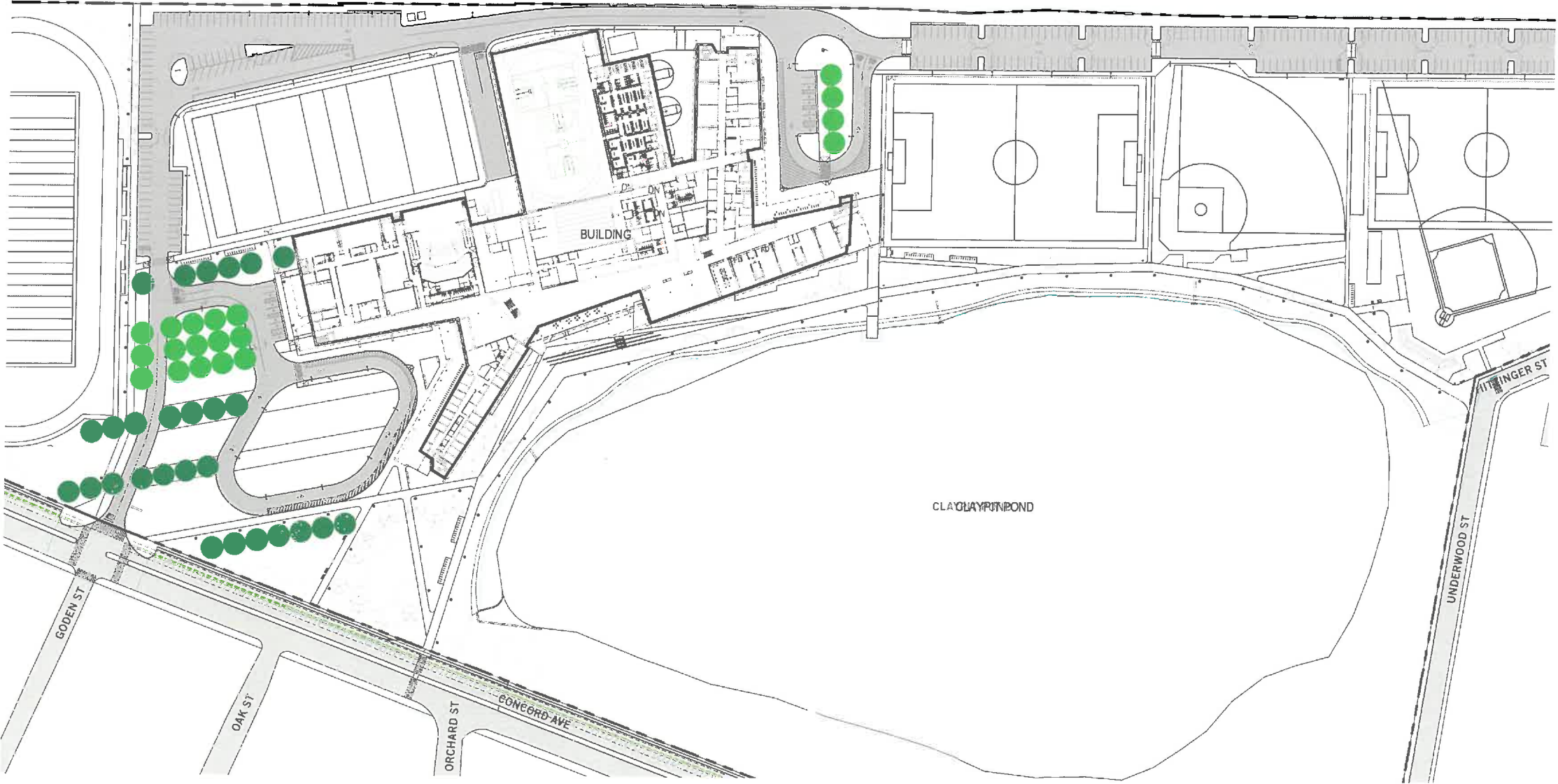




TREES

Scientific name: Platanus x acerifolia  
Common name: London Planetree  
Height: 60'

Scientific name: Tilia americana  
Common name: American Linden  
Height: 60'



PLANTING PALETTE  
MAY 7, 2019



# DROP-OFFS



PLANT LIST

LATIN NAME	COMMON NAME	MIN. SIZE	NOTES
DECIDUOUS TREES			
Acer x freemanii 'Autumn Blaze'	Autumn Blaze Hybrid Swamp Maple	2-2.5" Cal.	B&B
Acer rubrum 'Franksred'	Red Sunset Swamp Maple	3.5-4.0" Cal.	B&B
Platanus x acerfolia 'Bloodgood'	Bloodgood London Planetree	3.5-4.0" Cal	B&B
Quercus palustris 'Pringreen'	Green Pillar Oak	2.5-3.0" Cal.	B&B
Quercus rubra	Red Oak	3-3.5" Cal.	B&B
Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	2.5-3.0" Cal.	B&B
Ulmus americana 'Princeton'	Princeton American Elm	2.5-3.0" Cal.	B&B
Salix babylonica	Weeping Willow	2.5-3.0" Cal.	B&B
Zelkova serrata 'Green Vase'	Green Vase Japanese Zelkova	2.5-3.0" Cal.	B&B High Branch
ORNAMENTAL TREES			
Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	7-8' Ht	B&B Multi-Stem
Cercis canadensis 'Appalachian Red'	Appalachian Red Eastern Redbud	2.5-3.0" Cal.	B&B
Cornus florida	Florida Dogwood White	7-8' Ht	B&B
EVERGREEN TREES			
Picea abies	Norway Spruce	8-10' Ht	B&B
Thuja plicata 'Green Giant'	Green Giant Western Arborvitae	7-8' Ht	B&B
Juniperus chinensis 'Bluepoint'	Bluepoint Chinese Juniper	4.5-5' Ht	B&B
SHRUBS			
Taxus x media 'Everlow'	Everlow Yew	3 gallon	36" spacing
GROUNDCOVERS / PERENNIALS / ORNAMENTAL GRASSES:			
Liriope spicata	Lilyturf	1 gallon	12" spacing
Sporobolus heterolepsis	Prairie Dropseed	1 gallon	18" spacing
Arctostaphylos uva-ursi	Bearberry	1 gallon	18" spacing

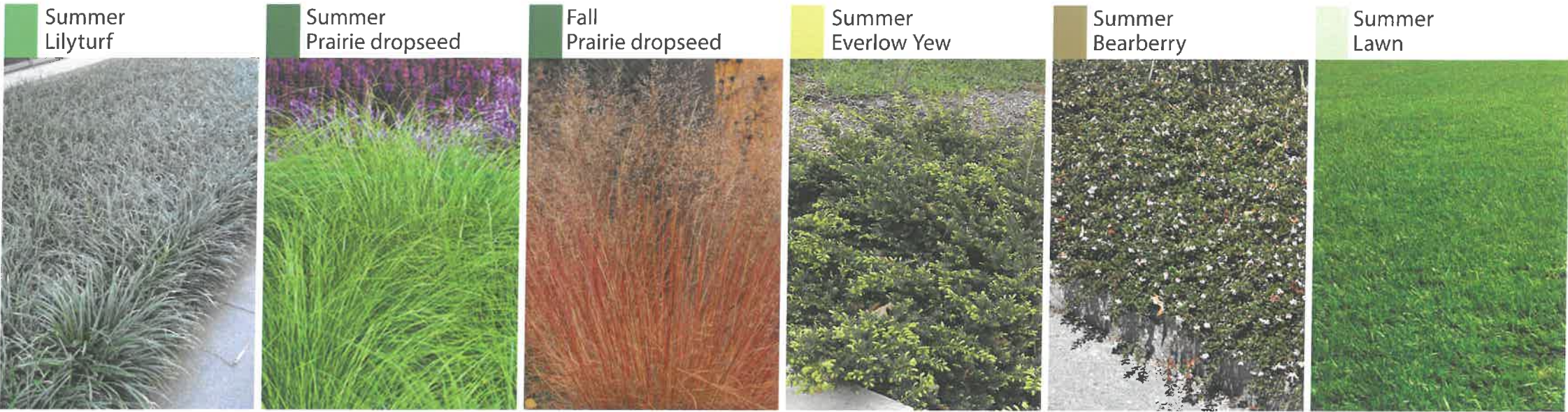
NOTE: Refer to MSBA Submission for complete planting plan.

PLANTING PALETTE

MAY 7, 2019



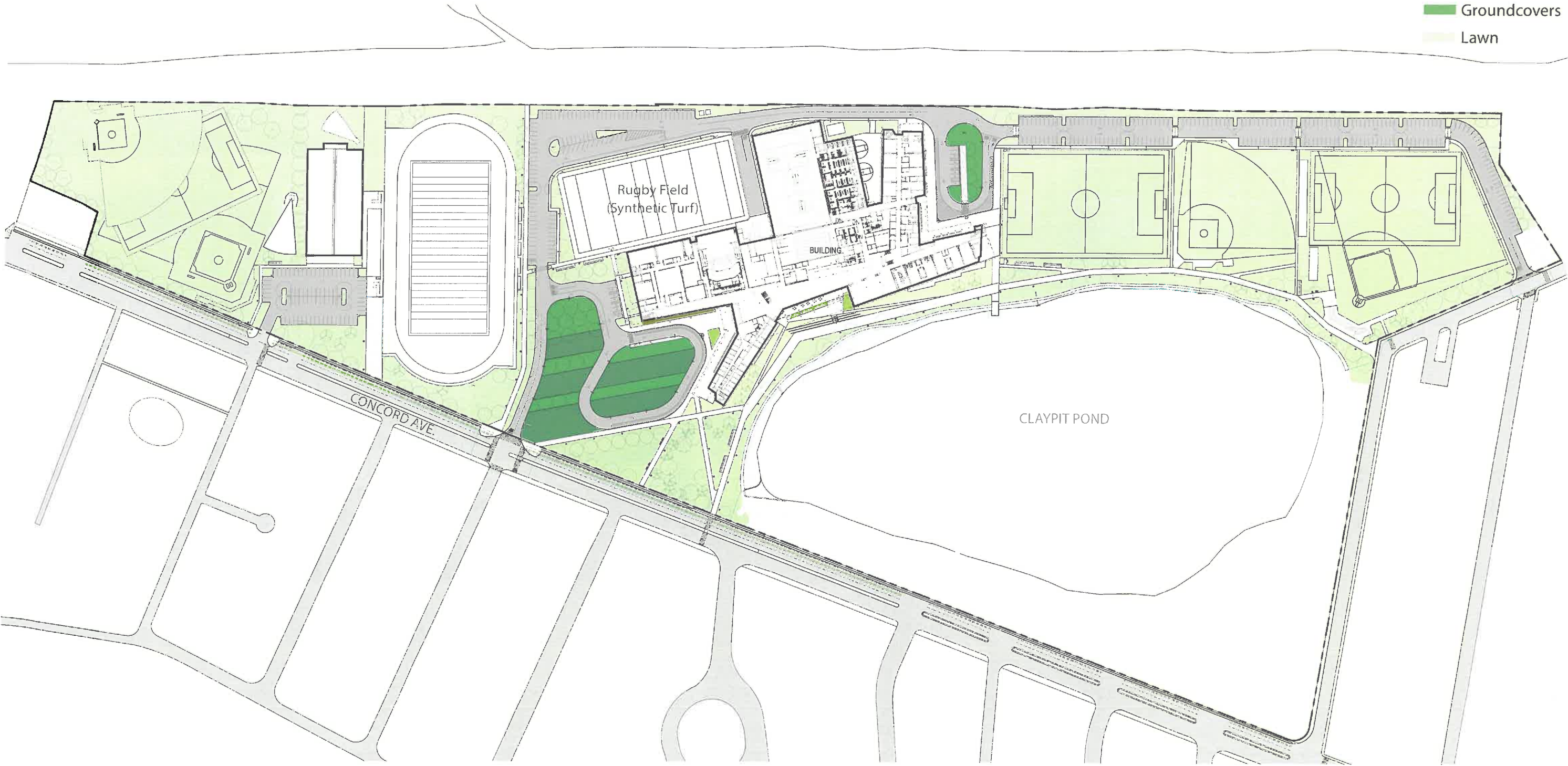
SHRUBS, GROUNDCOVERS AND GRASSES





SHRUBS, GRASSES AND GROUNDCOVERS

- Legend
- Shrubs
  - Ornamental grasses
  - Groundcovers
  - Lawn















PLANTING PALETTE

MAY 7, 2019



OVERALL TREES

<div>Summer Red Maple</div> 	<div>Summer American Elm</div> 	<div>Summer_Green Vase Japanese Zelkova</div> 	<div>Summer Northern Red Oak</div> 	<div>Summer_Greenspire Littleleaf Linden</div> 
<div>Summer Red Sunset Swamp Maple</div> 	<div>Summer_Autumn Blaze Hybrid Swamp Maple</div> 	<div>Summer_Bloodgood London Planetree</div> 	<div>Summer Green Pillar Oak</div> 	<div>Spring Serviceberry</div> 
<div>Spring Eastern Redbud</div> 	<div>Spring_Florida Dogwood White</div> 	<div>Summer_Bluepoint Chinese Juniper</div> 	<div>Summer Norway Spruce</div> 	<div>Summer_Green Giant Western Arborvitae</div> 

PLANTING PALETTE  
MAY 7, 2019



OVERALL TREE TYPES

- Legend
- Evergreen Trees
  - Deciduous Canopy Trees
  - Flowering Trees
  - Existing Trees



PLANTING PALETTE  
MAY 7, 2019



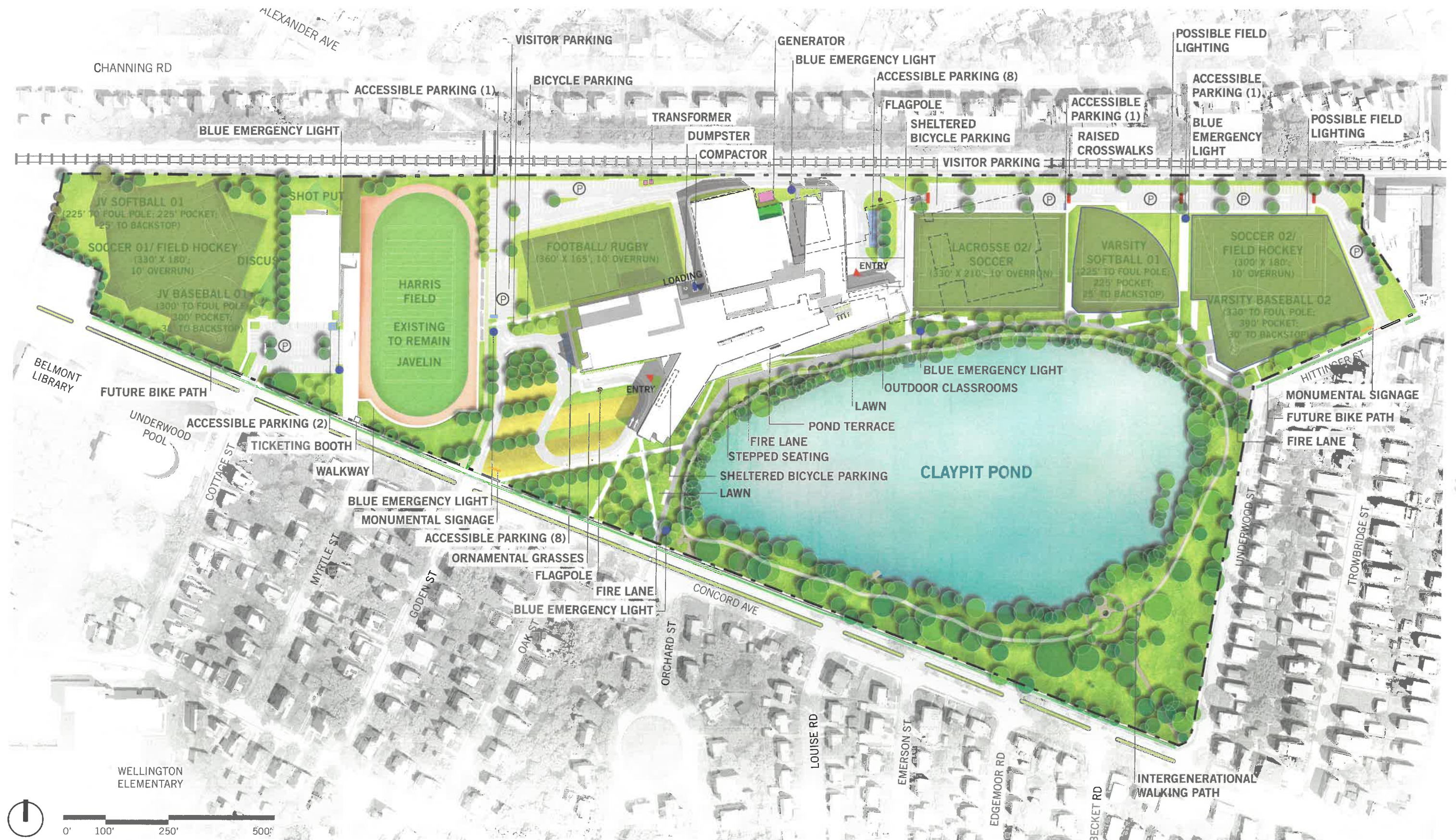
# GENERAL OVERVIEW



# PLANTING PALETTE







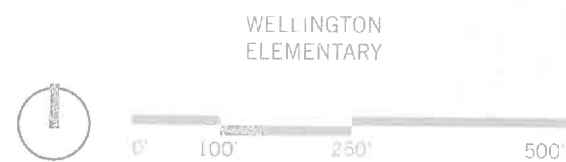
# ILLUSTRATIVE SITE PLAN

MAY 7, 2019



# AGENDA

- PLANTING PALETTE
- PAVING MATERIALS
- POND TERRACE OPTIONS
- HIGH SCHOOL DROP-OFF OPTIONS





COMMUNITY  
DEVELOPMENT  
MAY 7 10 2 26

# **BELMONT MIDDLE AND HIGH SCHOOL PLANNING BOARD MEETING**

**MAY, 7 2019**