

MAGAZINE BEACH

COMPLETION OF PHASE 2 DESIGN

MEETING 2



DCR Public Meeting

Wednesday, November 18, 2015 - 6:30 p.m. – 8:00 p.m.
Morse School, 40 Granite Street, Cambridge, MA



Commonwealth of Massachusetts

Governor

Charles D. Baker

Lieutenant Governor

Karyn E. Polito

Energy and Environmental Secretary

Matthew A. Beaton

Department of Conservation and Recreation Acting Commissioner

Daniel Sieger



DCR Mission Statement

To protect, promote and enhance our common wealth of natural, cultural and recreational resources for the well-being of all.

MEETING PURPOSE

REVIEW FEEDBACK FROM
MEETING 1 (September 30, 2015)



PRESENT PROPOSED UPDATES

- Updates are based on Meeting 1 feedback
and additional information.

SOLICIT COMMUNITY INPUT ON
PROPOSED PHASE 2 DESIGN

AGENDA

- SCHEDULE
 - PUBLIC MEETING – PRESENTING FINAL DESIGN – SPRING 2016
 - BID DOCUMENTS COMPLETE IN SPRING 2016
- FUNDING
- OTHER RELATED PROJECTS
 - POWDER MAGAZINE
 - WATER FEATURE / SPRAY DECK
 - POOL



City of Cambridge

Mayor

David P. Maher

City Manager

Richard C. Rossi

Deputy City Manager

Lisa C. Peterson

Director of Community Planning

Stuart Dash

Executive Director, Cambridge Historical Commission

Charles M. Sullivan



Cambridgeport Neighborhood Association

President

Jay Shetterly

To promote public participation and a sense of community within and for the benefit of the Cambridgeport neighborhood and to provide a forum for dialogue and action to improve and maintain the quality of life in the neighborhood.

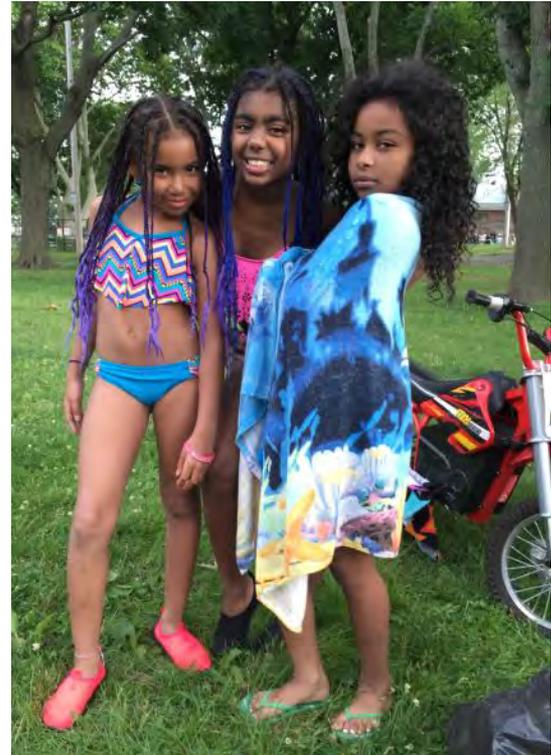
Magazine Beach Committee

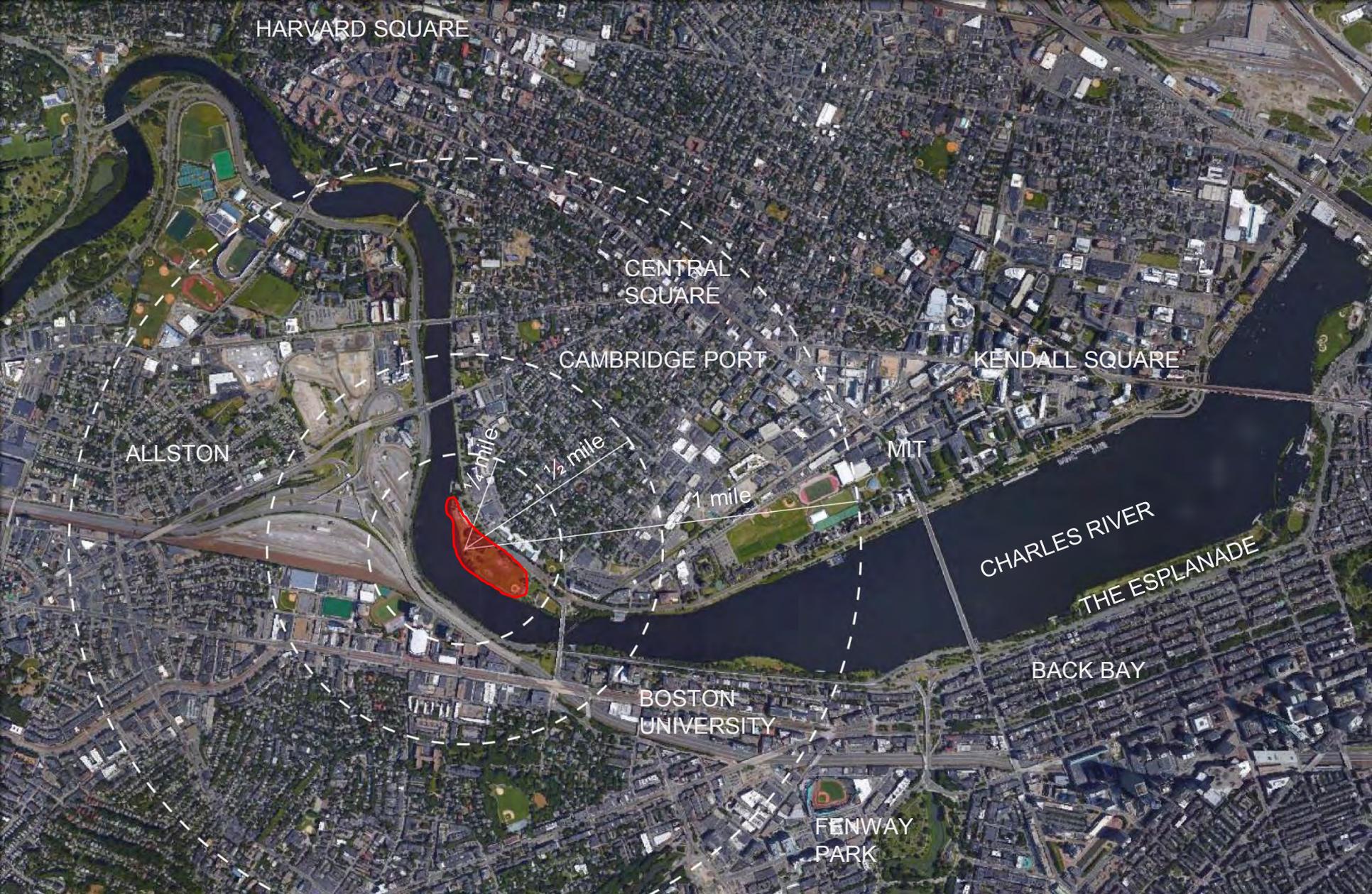
**Decia Goodwin, Brian Conway, Richard Garver, Max Moore,
Olivia Fiske, Marge Amster, Peter Klinefelter, and Cathie Zusy**

DESIGN AGENDA

- MAGAZINE BEACH-PHASE II DESIGN
 - REVIEW MEETING – what we've heard
 - OVERALL PLAN – how we've incorporated what we've heard
 - DISCUSSION – deliberation and collaboration

**PROJECT
REVIEW
&
WHAT WE'VE
LEARNED**





HARVARD SQUARE

CENTRAL SQUARE

CAMBRIDGE PORT

KENDALL SQUARE

ALLSTON

MIT

CHARLES RIVER

THE ESPLANADE

BOSTON UNIVERSITY

BACK BAY

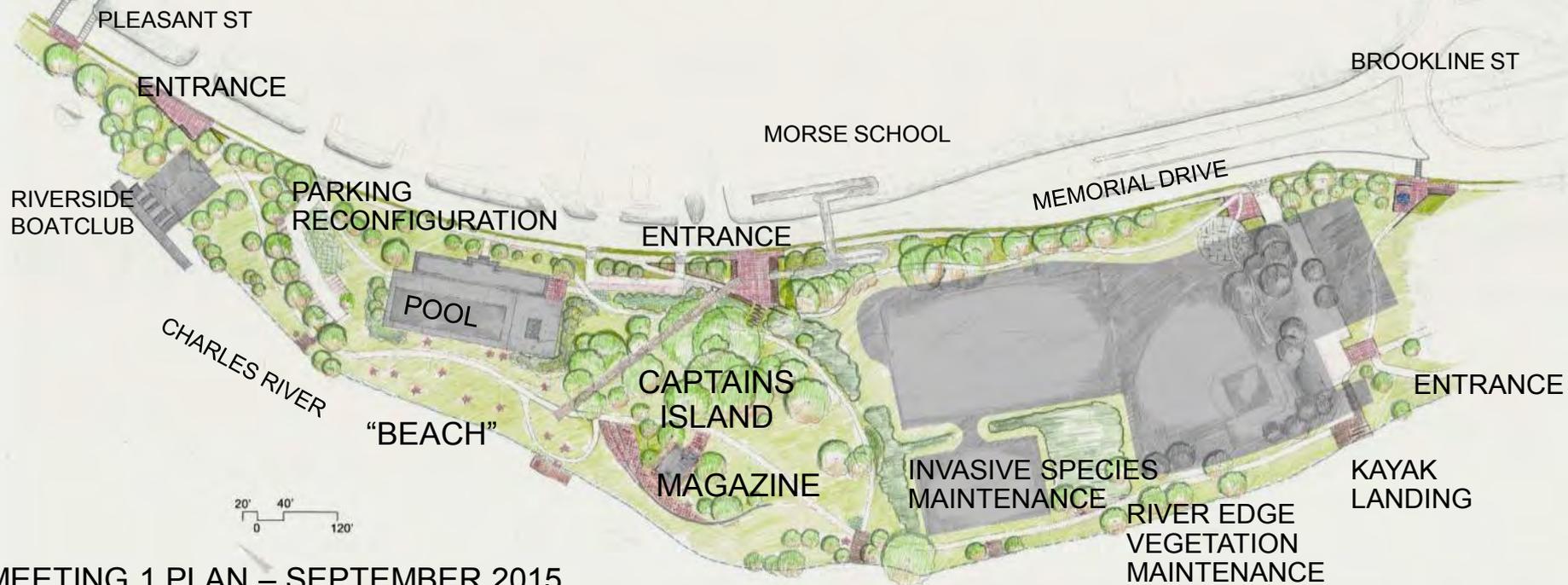
FENWAY PARK

1/4 mile

1/2 mile

1 mile

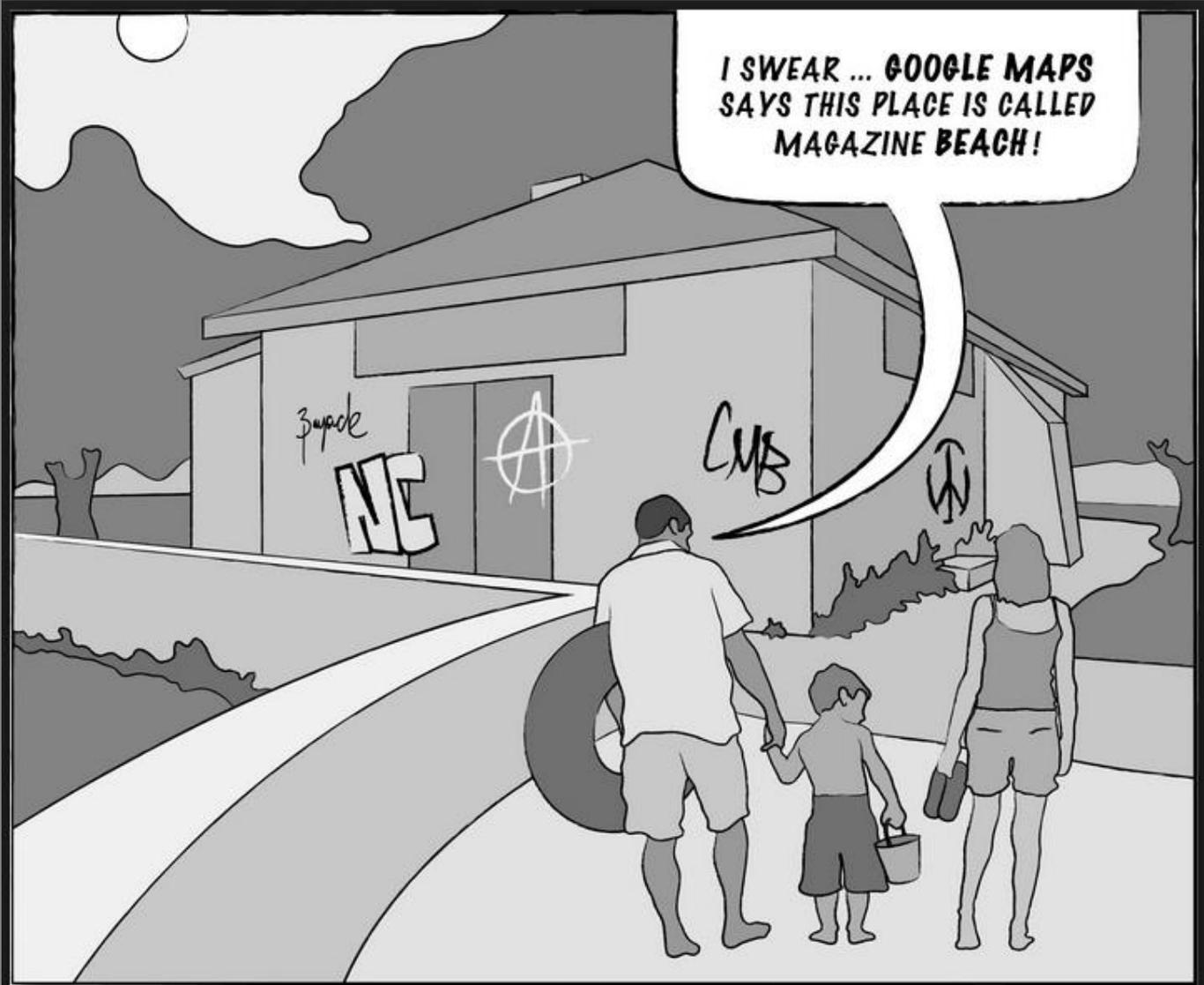
SITE LOCATION



MEETING 1 PLAN – SEPTEMBER 2015

TOPIC	LIKES	DISLIKES	COMMENTS
FUNCTION/PLAN	Extent of project	Include Memorial Dr, overall project	Keep primary functions the same Consider night-time functions, food vendors, bathrooms
CIRCULATION/PATHS	Framework, parking	Path quantity, organization, hierarchy	Consider up/downstream paths
ENTRIES	Location pretty good	Need to be smaller, more subtle. Link to Magazine St	Consider noise, furnishing Consider a barrier at Magazine St
PLANTING/VEGETATION	Canopy, lawn, beach, invasives maintenance	Phase 1 River edge, invasives maintenance	Clarify maintenance, consider flood zone, marshes, other species
FEATURES	Terrace expansion, spray, umbrellas, parking	Minimize terrace, parking	Keep parking the same
UTILITIES		Need lighting, water source, power for performance areas	Irrigation and Park Maintenance

COMMUNITY INPUT - SYNOPSIS



I SWEAR ... GOOGLE MAPS
SAYS THIS PLACE IS CALLED
MAGAZINE BEACH!

PROJECT DESIGN



PROJECT DESIGN

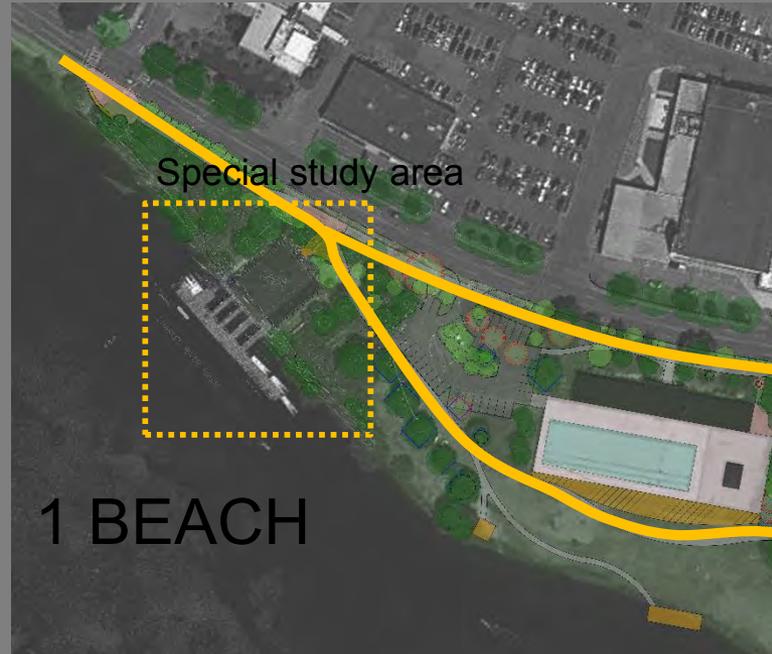




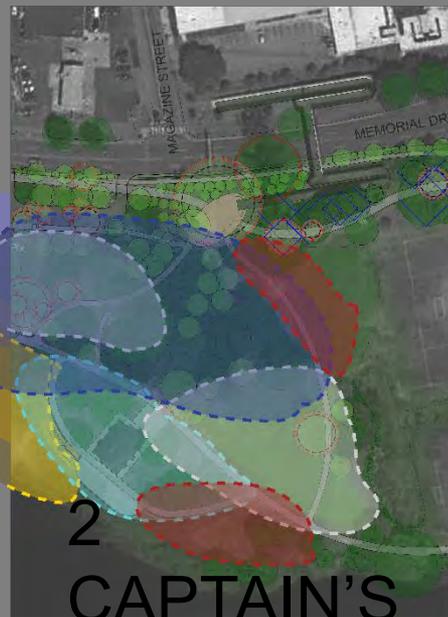
OVERALL PLAN



PRIMARY AREAS



PATHWAY FRAMEWORK



PROGRAM AREAS



INDIVIDUAL FEATURES

Meeting 1 Plan

PATH FRAMEWORK

-ROADWAY PATH

-RIVER PATH



LIKES

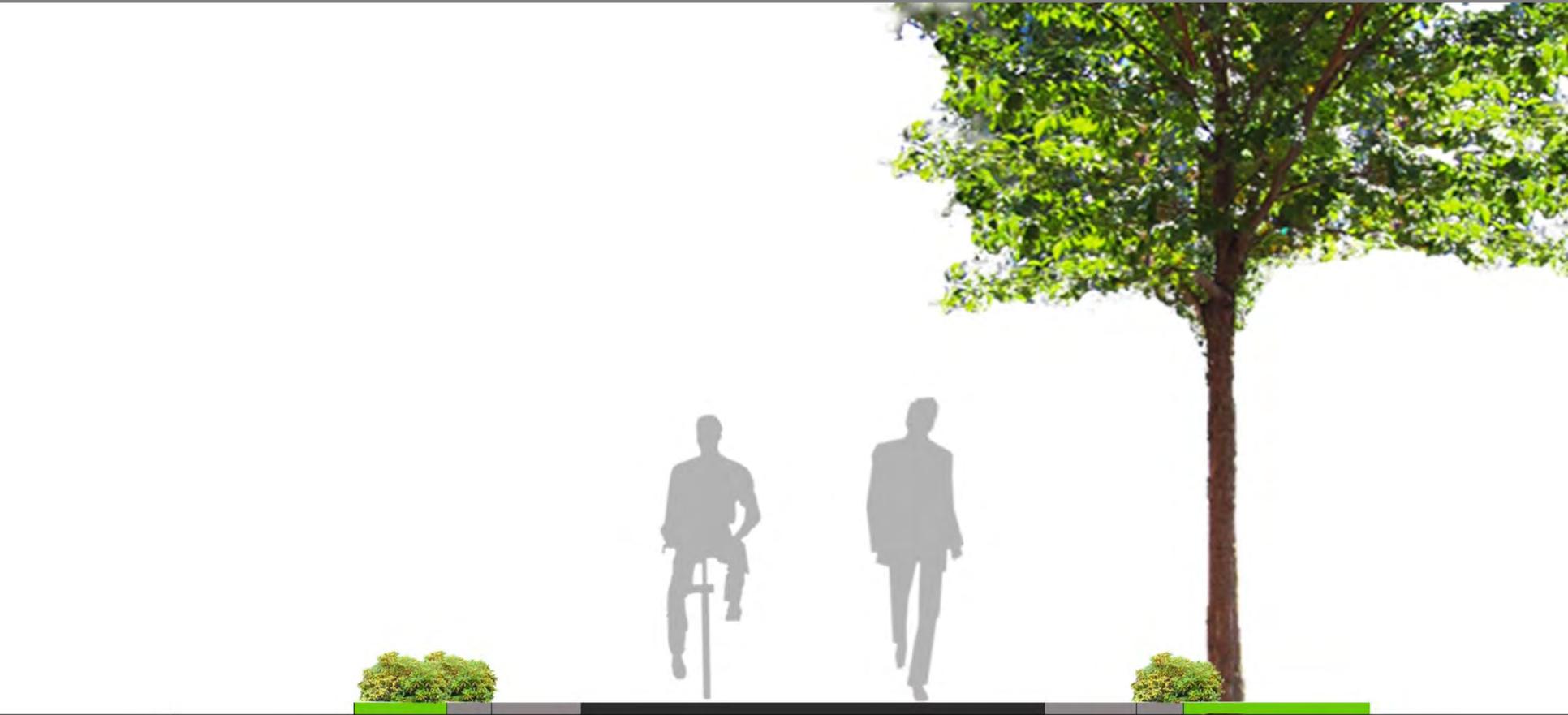
MULTIPLE SPEEDS

DISLIKES

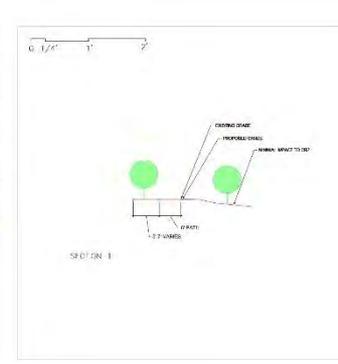
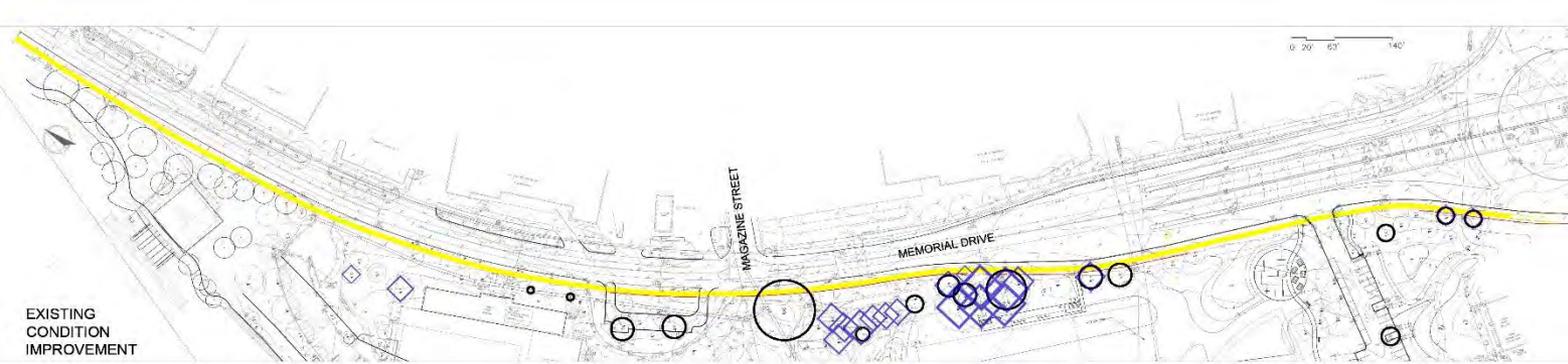
AVOID LARGE CURVES
AVOID TAKING TOO MANY TREES

COMMENTS

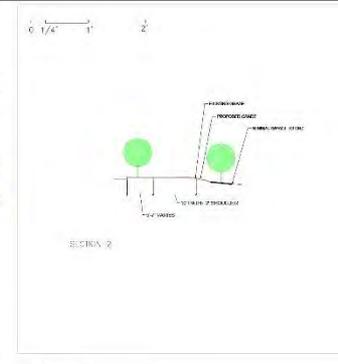
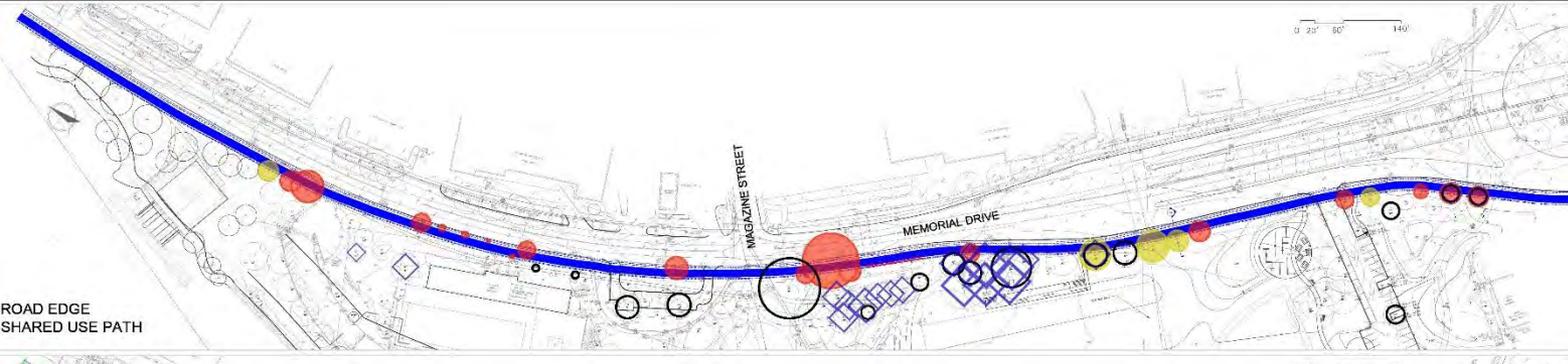
CONNECT TO UP/DOWNSTREAM PATHS



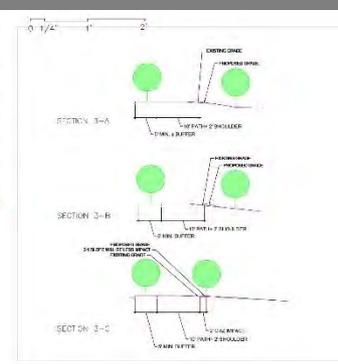
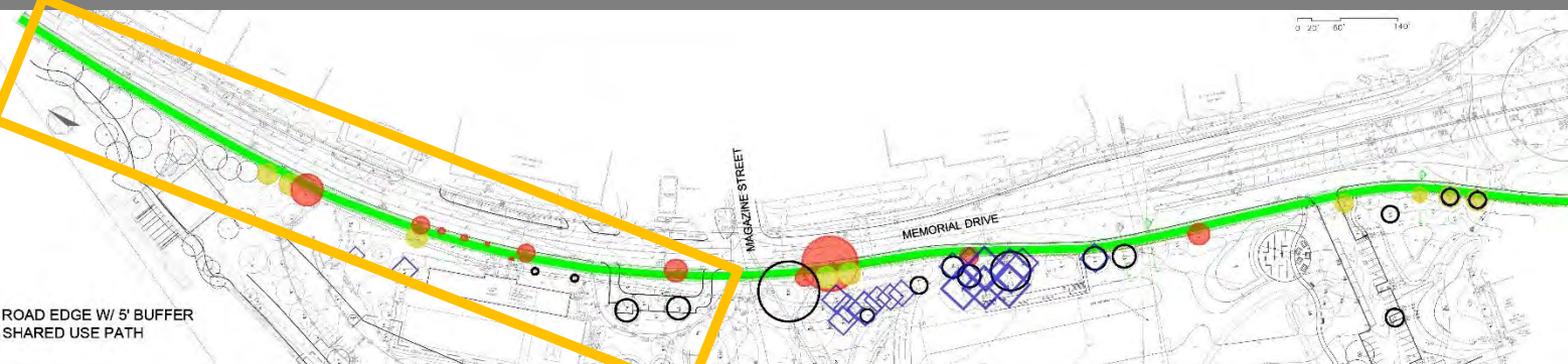
REQUIRED PATHWAY



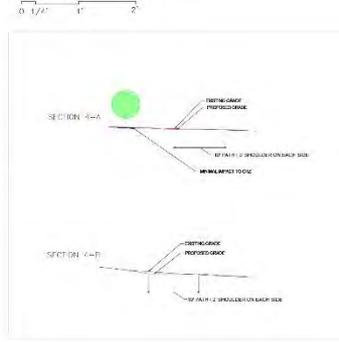
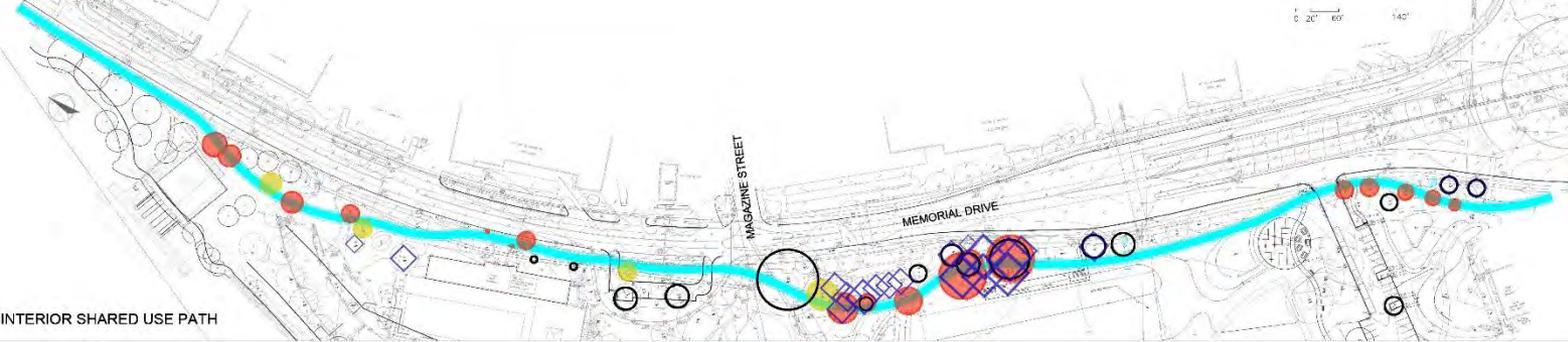
BASELINE CONDITION APPROXIMATE: Trees: 86 / Declining: 8 / Invasive tree:12



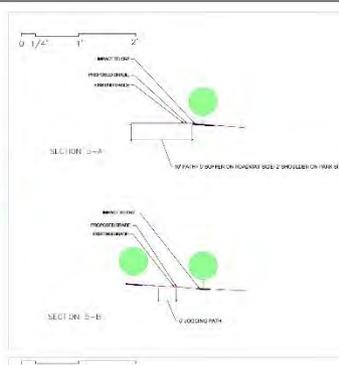
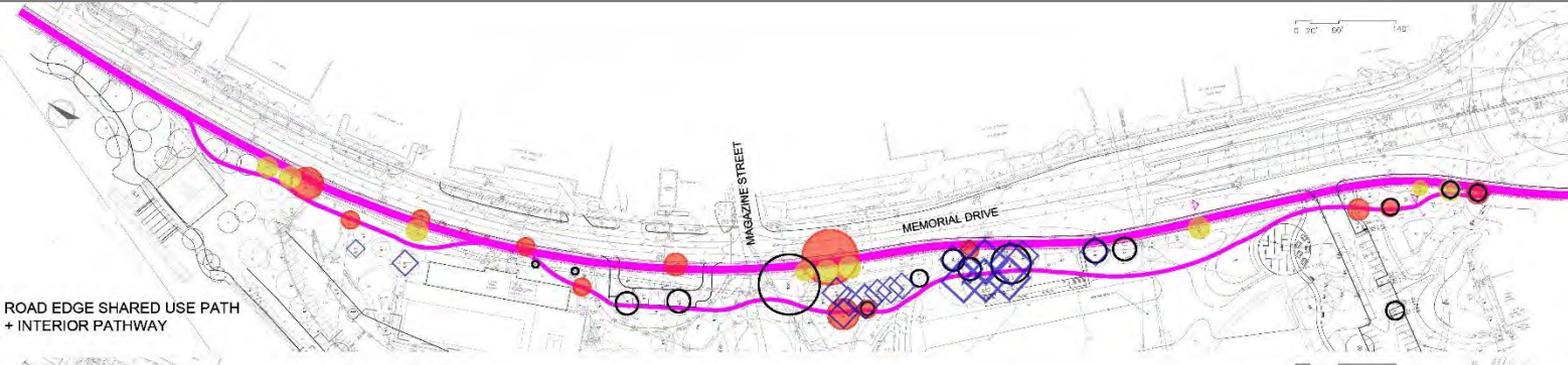
EXISTING EDGE CONFLICTS Healthy Tree:14 / Declining + Invasive tree:3 / Tree Impacted: 6



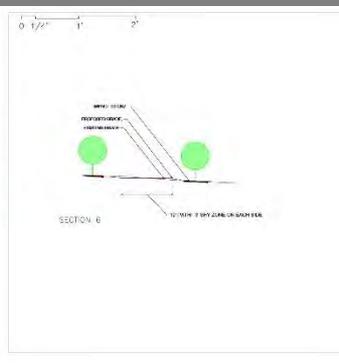
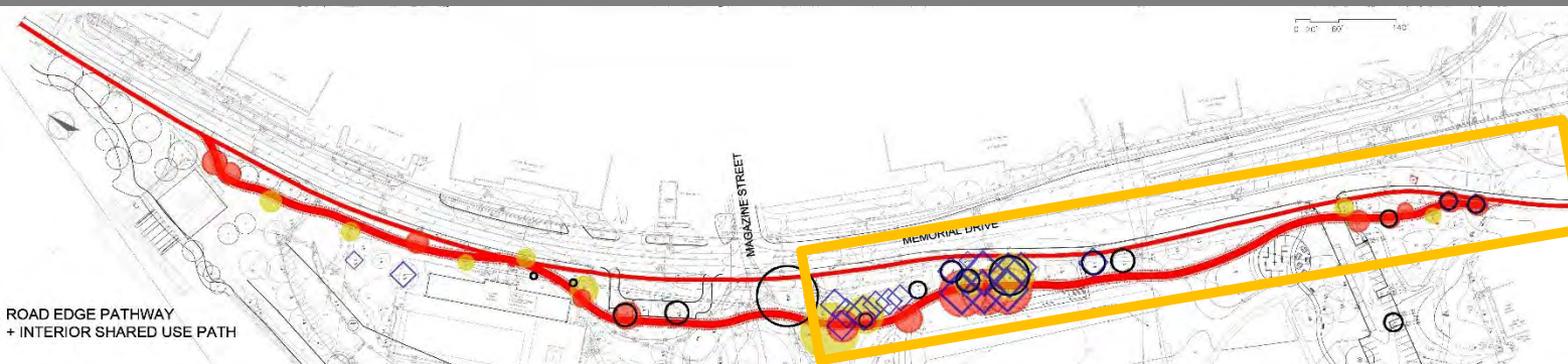
5' BUFFER CONFLICTS: Healthy tree:10 / Declining + Invasive tree:1 / Tree Impacted: 9



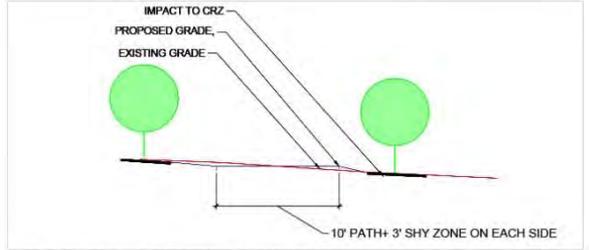
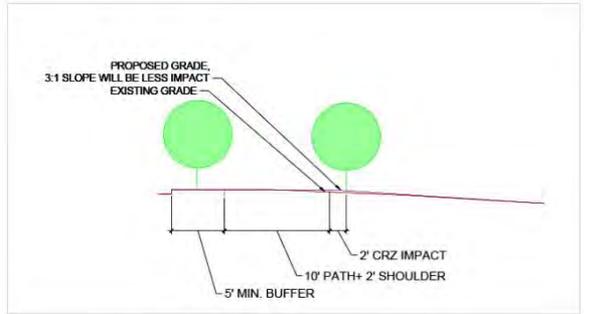
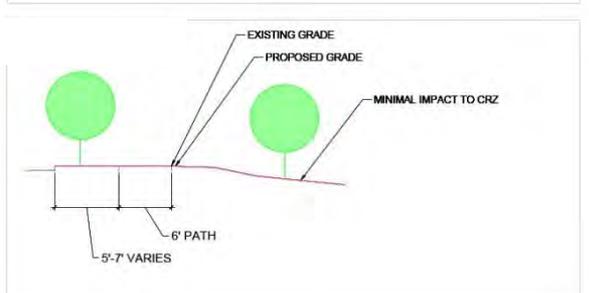
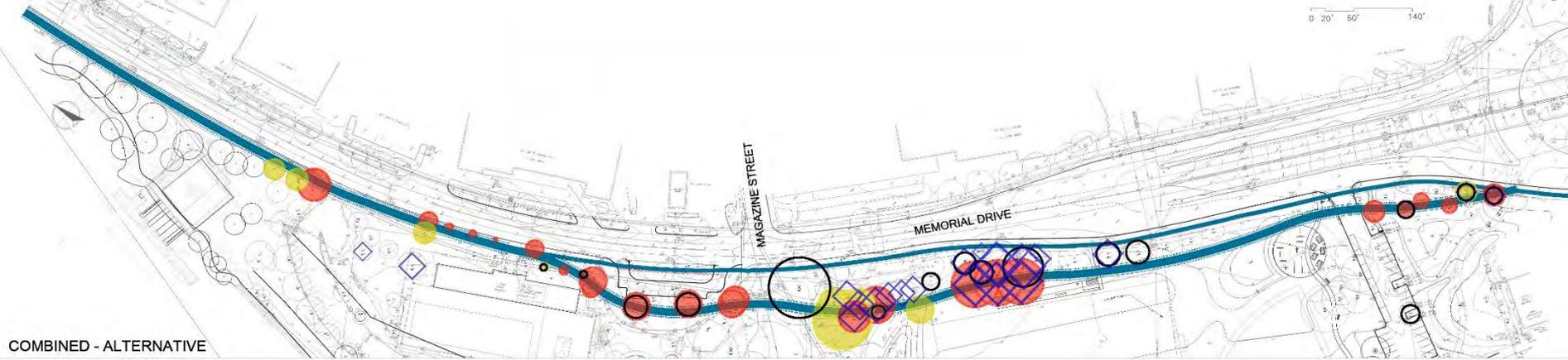
CONFLICTS: Healthy tree:13 / Declining + Invasive tree:4 / Tree Impacted:4



CONFLICTS: Healthy tree:11 / Declining + Invasive tree:5 / Tree Impacted: 9



CONFLICTS: Healthy tree:6 / Declining + Invasive tree:10 / Tree Impacted: 12



SECTION COMBINED ALTERNATIVE

COMBINED MEMORIAL DRIVE PATHWAY PLAN
 Existing Healthy Trees Cut: 14
 Declining and Invasive Trees Cut: 11
 Potential Grading Impact: 9
 Total Trees Removed: 25
 Total Trees to be Planted: 50

PATH ALIGNMENT

-ROADWAY PATH

-RIVER PATH



LIKES

DISLIKES

COMMENTS

GOOD IDEA

CONNECT TO UP/DOWNSTREAM PATHS

TRIM PLANTING ALONG RIVER EDGE

COMBINED WITH SHARED USE PATH



1 BEACH

MAGAZINE PATH



2 CAPTAIN'S ISLAND CHARLE

PATHWAY CONNECTION AT COTTAGE FARM DRIVE



3 ROAD EDGE

REVITALIZED PATH

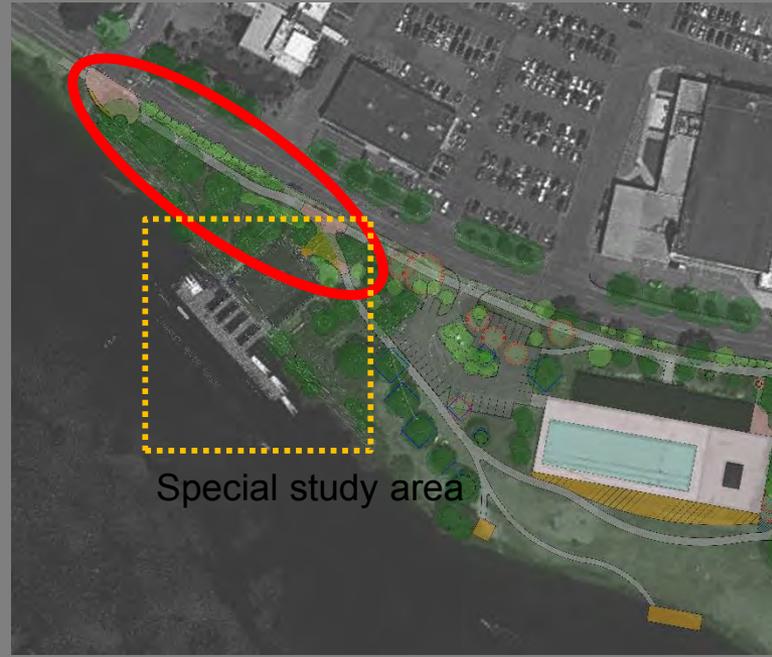


4 RIVER EDGE

Stabilized Stonedust Pathways



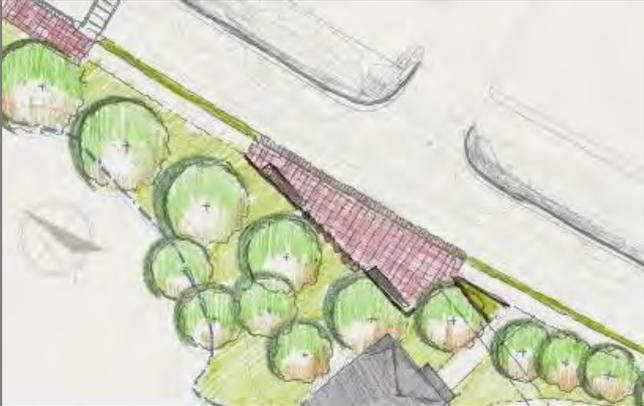
RIVER EDGE PATHWAY



PARK ENTRANCES



Existing Space at Riverside Boathouse



Sculptural / Place based Furnishing



Sculpture as Furnishing



Furnishing with Mass and Direction



Placemaking Signage



ENTRANCES
PRECEDENT DESIGNS – PRESENTED AT MEETING 1

ENTRANCE DESIGNS

- PLEASANT STREET + RIVERSIDE BOAT CLUB
- MAGAZINE STREET
- BROOKLINE STREET





PARK ENTRANCE AT PLEASANT STREET

ENTRANCE DESIGNS

- PLEASANT STREET + RIVERSIDE BOAT CLUB
- **MAGAZINE STREET**
- BROOKLINE STREET



LIKES

GOOD LOCATIONS
SOME FURNISHING OK
ART OPPORTUNITIES

DISLIKES

TOO BIG
AVOID TAKING TOO MANY TREES

COMMENTS

AVOID CREATING AREAS THAT WILL
INCREASE NOISE



DESIGN ALTERNATIVE





BEFORE <> AFTER



BEFORE <> AFTER



BEFORE<>AFTER



BEFORE <> AFTER

ENTRANCE DESIGNS

- PLEASANT STREET + RIVERSIDE BOAT CLUB
- MAGAZINE STREET
- **BROOKLINE STREET**



LIKES

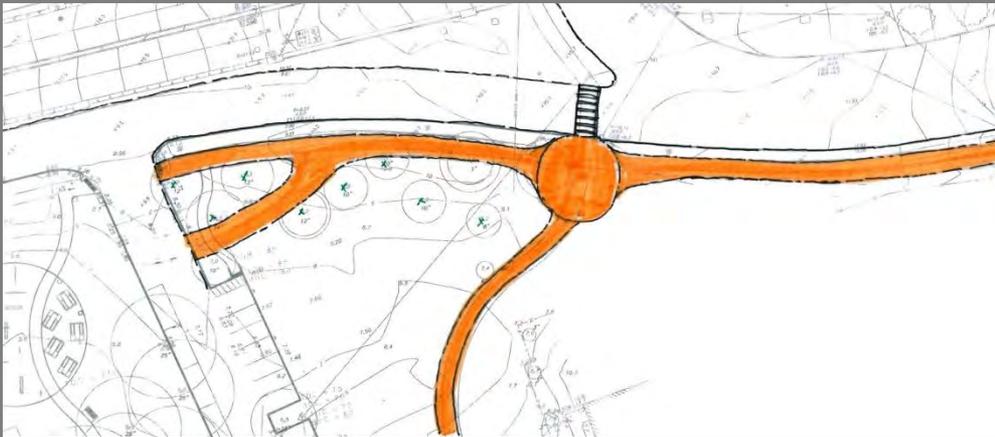
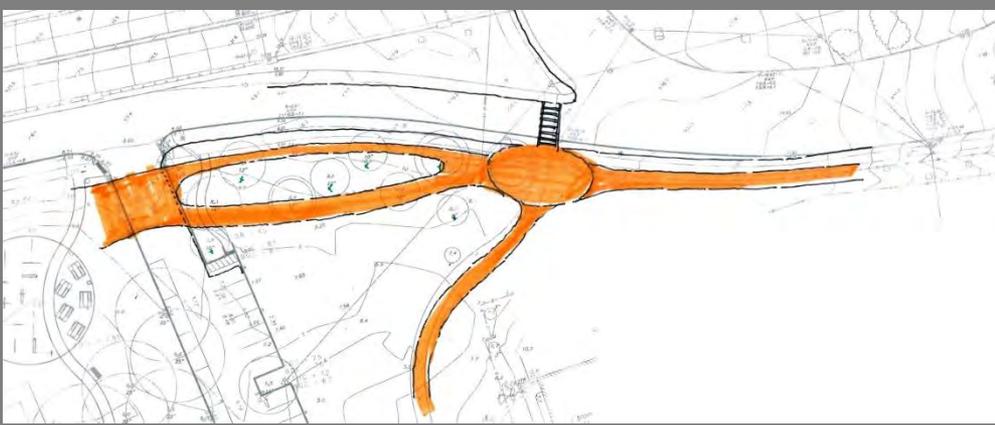
GOOD LOCATIONS
SOME FURNISHING OK
ART OPPORTUNITIES

DISLIKES

TOO BIG
AVOID TAKING TOO MANY TREES

COMMENTS

AVOID CREATING AREAS THAT WILL
INCREASE NOISE



DESIGN ALTERNATIVE



PARKING DESIGNS

- PARKING ADJACENT TO MAGAZINE STREET
- PARKING ADJACENT TO RIVERSIDE BOAT CLUB AND POOL HOUSE



LIKES

RE-ARRANGEMENT



DISLIKES

DON'T NEED IT, ELIMINATE



COMMENTS

MAKE FOOD TRUCK SPACE AVAILABLE



EXISTING PARKING SCENARIO

Total SF: 6,086 sf
 Parking space: 11
 Accessible parking: 0



PROPOSED PARKING SCENARIO

Total SF: 4,199 sf
 Parking space: 4
 Accessible parking: 1

CONFLICTS:

Healthy tree: 4
 Declining + Invasive tree: 2

PARKING DESIGNS

- PARKING ADJACENT TO MAGAZINE STREET
- PARKING ADJACENT TO RIVERSIDE BOAT CLUB AND POOL HOUSE



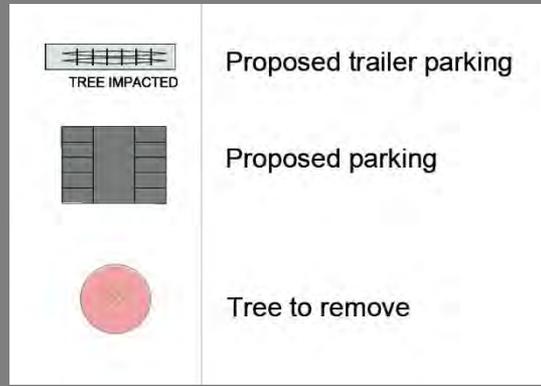
LIKES

COORDINATE WITH PATH
PARKING QUANTITY
REMOVAL OF EXTRA ASPHALT

DISLIKES

COMMENTS

COORDINATE WITH THE BOAT CLUB



EXISTING PARKING SCENARIO

- Total SF: 15,621 sf
- Parking space: 21
- handicapped parking: 2
- Total trailer parking SF: 1552 sf
- Trailer parking: 2



	Proposed trailer parking
	Proposed parking
	Tree to remove

PROPOSED PARKING SCENARIO 1

Total vehicle parking SF: 11,335 sf

Parking space: 27

Handicapped parking: 2

Total trailer parking SF: 3558 sf

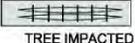
Trailer parking: 3

CONFLICTS:

Healthy tree: 0

Declining + Invasive tree: 2



	Proposed trailer parking
	Proposed parking
	Tree to remove

PROPOSED PARKING SCENARIO 4 - Alternative

Total vehicle parking SF: 15,338 sf
(including 2,223 sf planting median)

Parking space: 27

Handicapped parking: 2

Total trailer parking SF: 3,375 sf

Trailer parking: 3

CONFLICTS:

Healthy tree: 3

Declining + Invasive tree: 1

CAPTAIN'S ISLAND DESIGN

- SCALE STUDIES
- CANOPY AND TURF REJUVENATION
- PATH ALIGNMENT
- PROGRAM AREAS
- LIGHTING PLAN AND UTILITIES



CAPTAIN'S ISLAND DESIGN

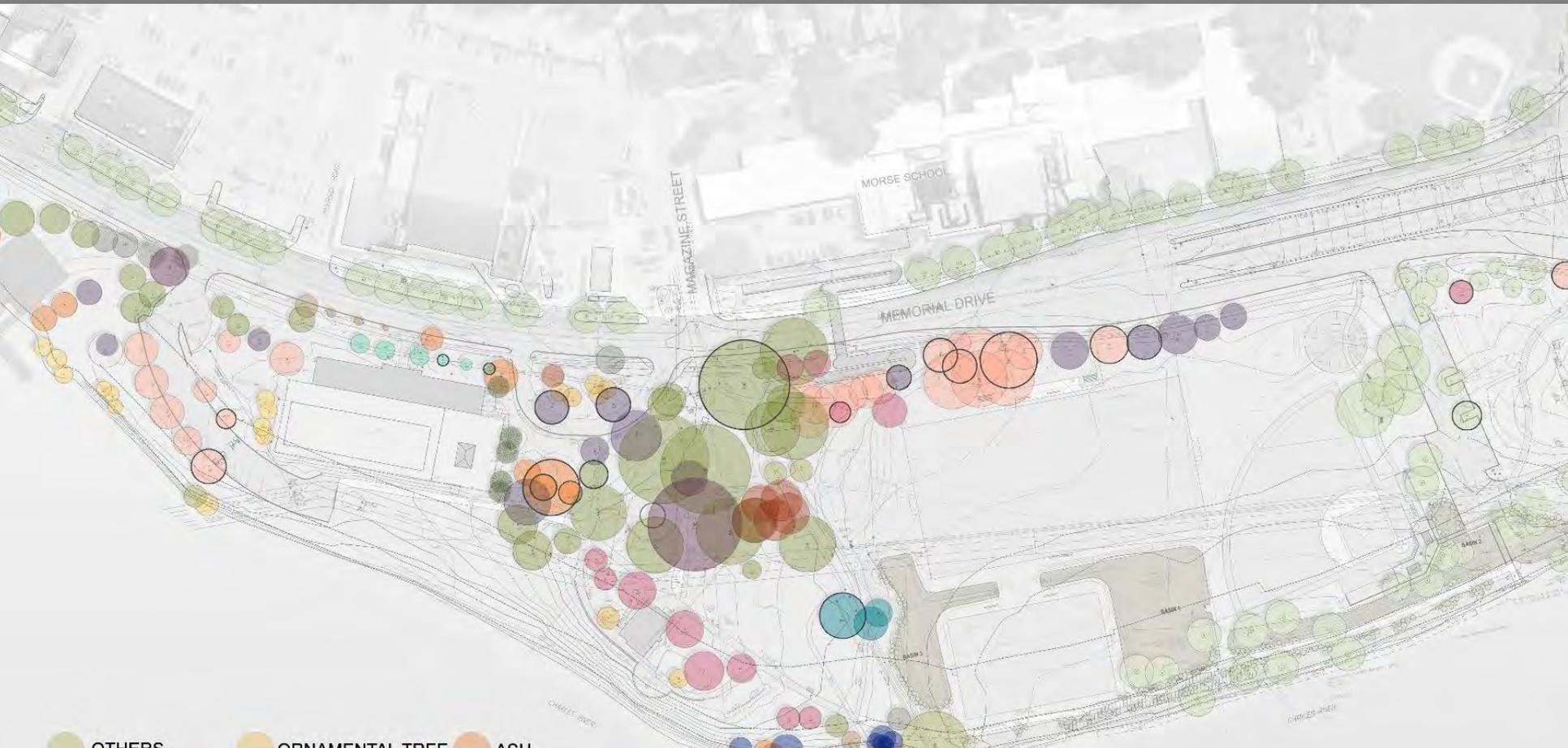
- SCALE STUDIES
- **CANOPY AND TURF REJUVENATION**
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DECLINING TREES TO REMOVE

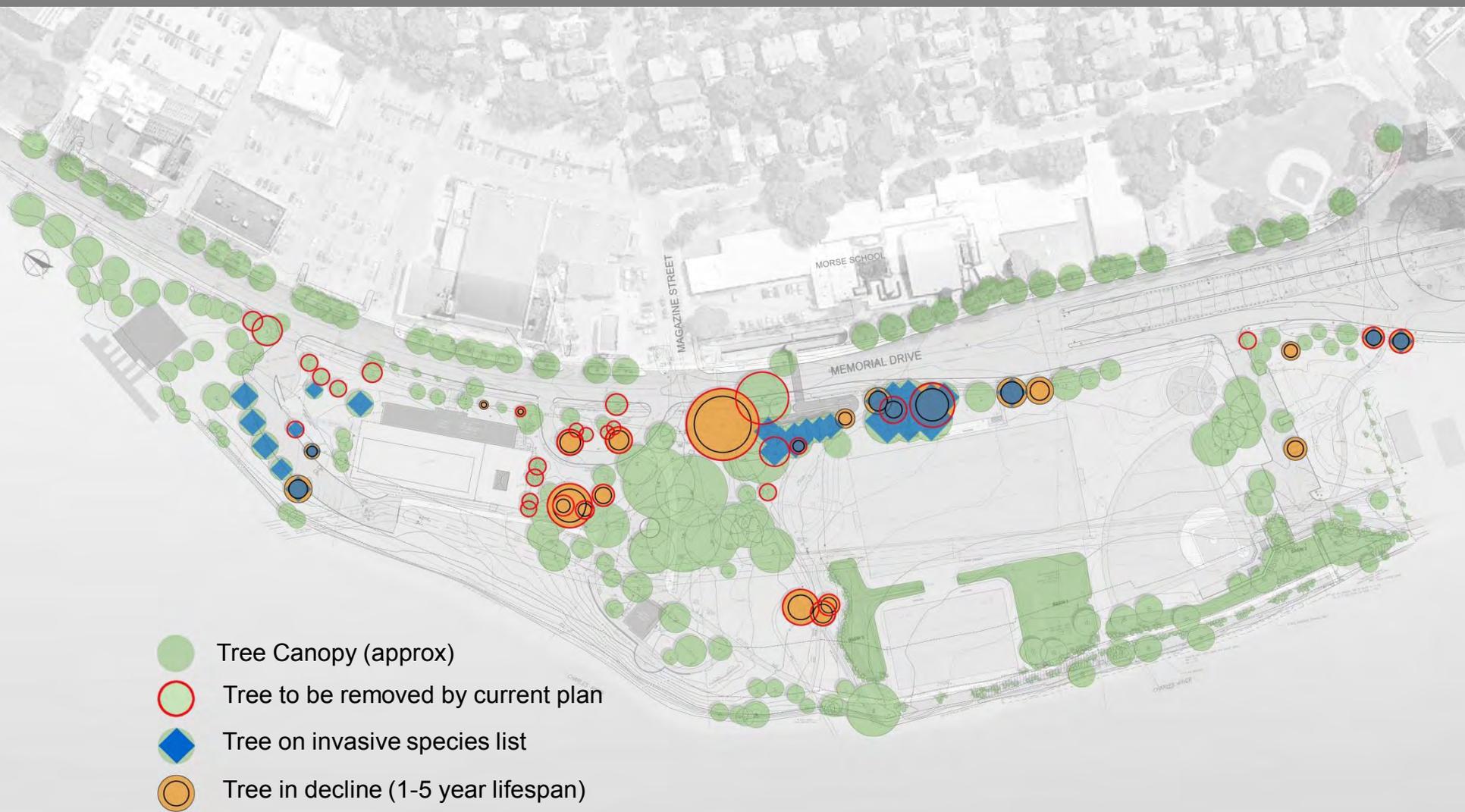
CANOPY AND TURF REJUVENATION – EXISTING TREES



- | | | |
|--------------|------------------|-----------|
| OTHERS | ORNAMENTAL TREE | ASH |
| NORWAY MAPLE | HORSE CHESTNUT | WETLAND |
| LONDON PLANE | HACKBERRY | LOCUST |
| CHERRY | MAPLE | ZELKOVA |
| OAK | PINE | UNKNOWN |
| | POPLAR | DECLINING |
| | LINDEN TREE | |
| | OUTSIDE OF SCOPE | |

1/20"
G
G

CANOPY AND TURF REJUVENATION – OVERALL APPROACH





Lawn diagram



View diagram

CANOPY AND TURF REJUVENATION – CANOPY PLAN



LES RIVER

CANOPY AND TURF REJUVENATION – TURF PLAN



Primary Sun/Shade Turf Zone



Primary Infiltration Zone

CAPTAIN'S ISLAND DESIGN

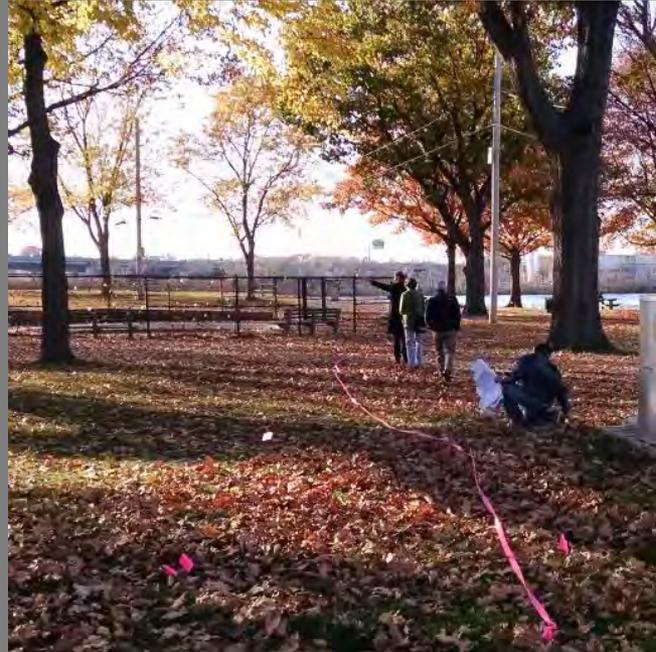
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LIKES

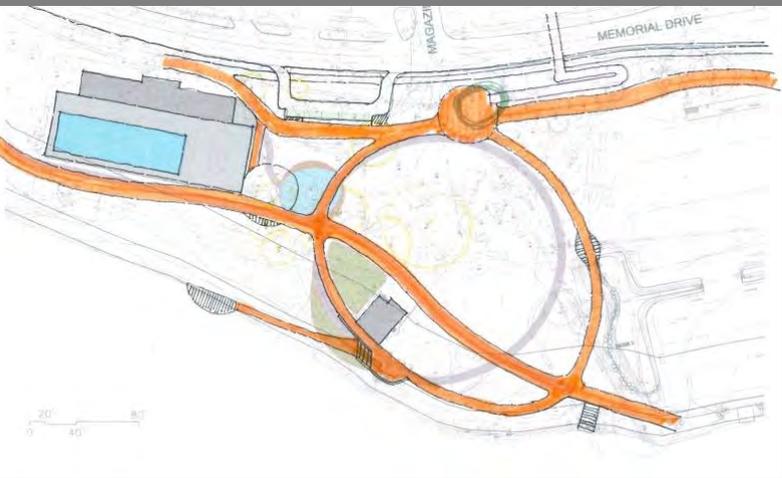
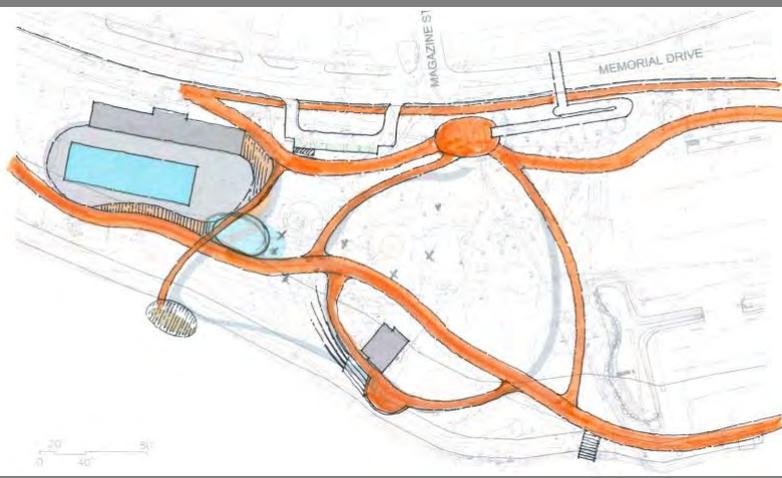
DISLIKES

Too many paths, direct path unnecessary



COMMENTS

Perhaps study it in the field

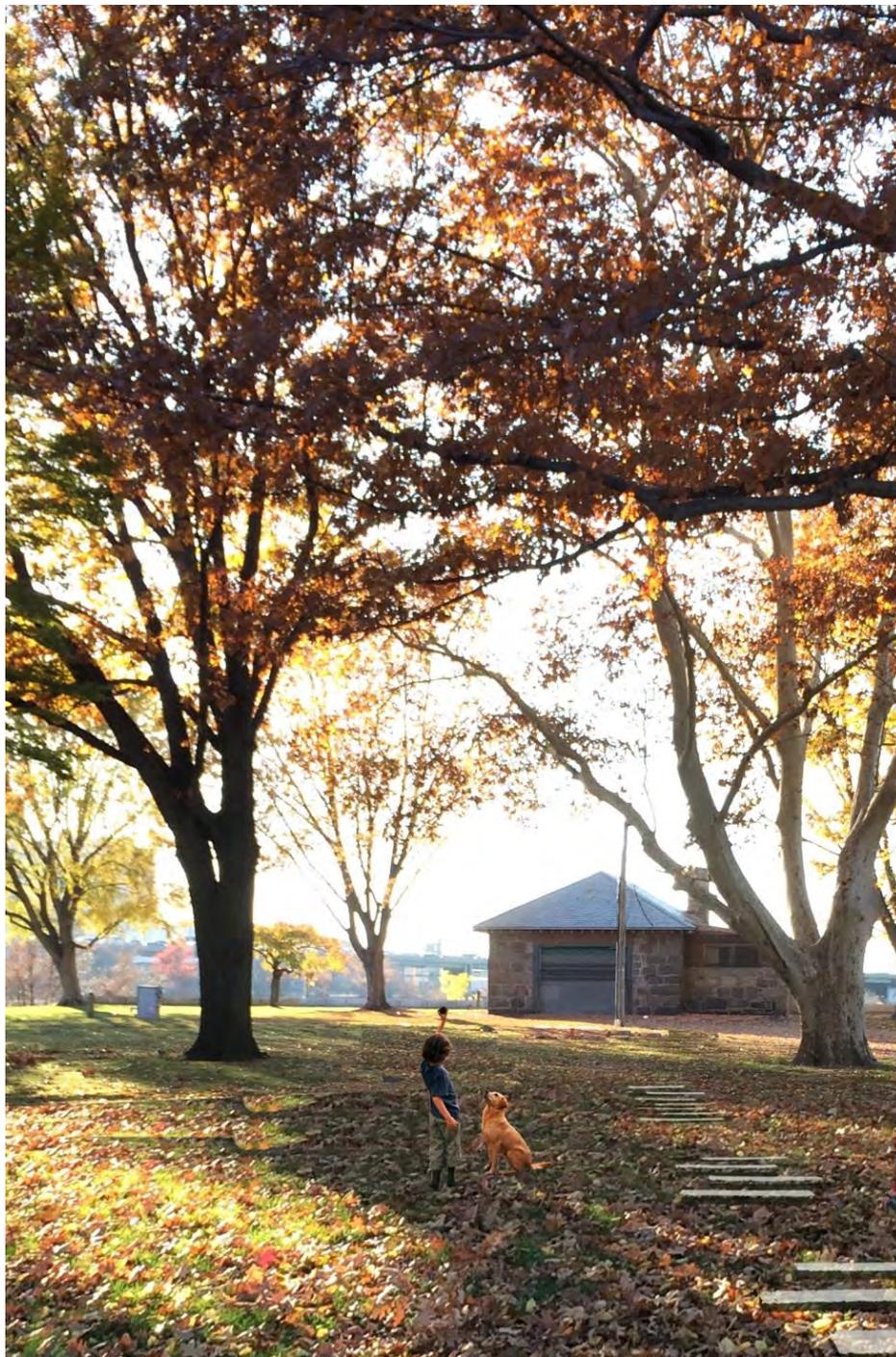


PATH ALIGNMENT









CAPTAIN'S ISLAND DESIGN

- SCALE STUDIES
- CANOPY REJUVENATION
- PATH ALIGNMENT
- **PROGRAM AREAS**
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EXISTING PROGRAMMING

 PARKING:

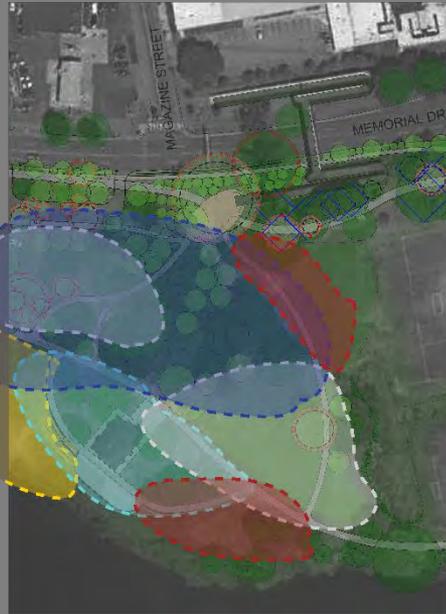
 LARGER GATHERING SPACE:

 RIVER RELATED:

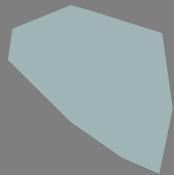
 SMALLER GATHERING SPACE:

 SPORTS AND ACTIVITIES:

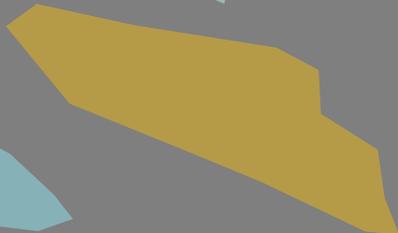
 VIEWS



PERFORMANCE SPACE



GRASSY BEACH



MAGAZINE



PROGRAM AREAS

PICNIC SPACE



PLAY ZONES





PERFORMANCE SPACE

PROGRAM AREAS





MAGAZINE



LIKES

OPENS VIEW TO WATER

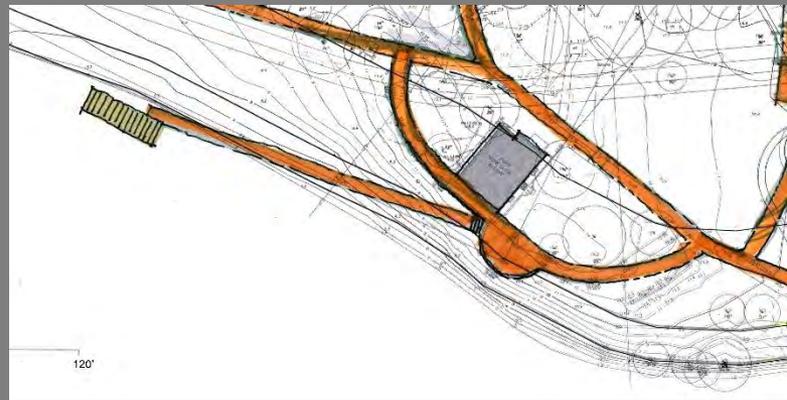
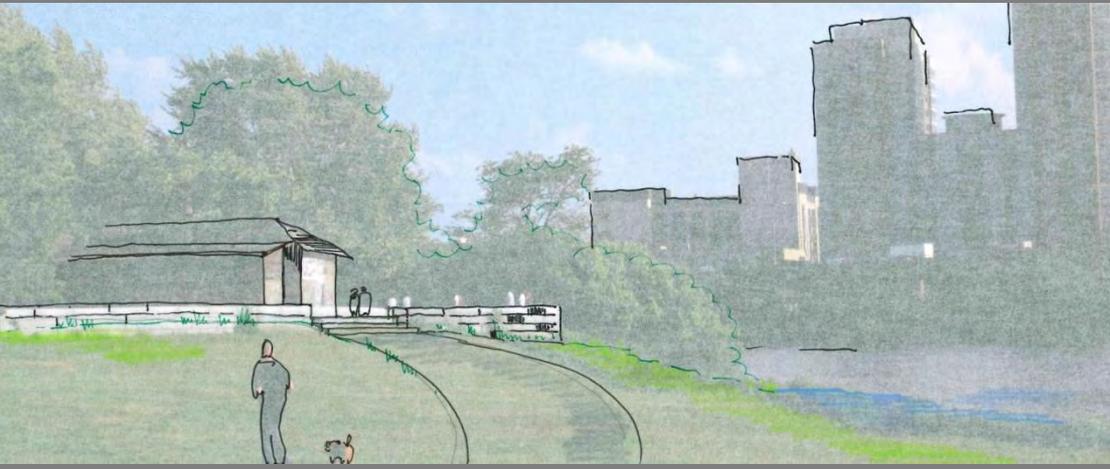
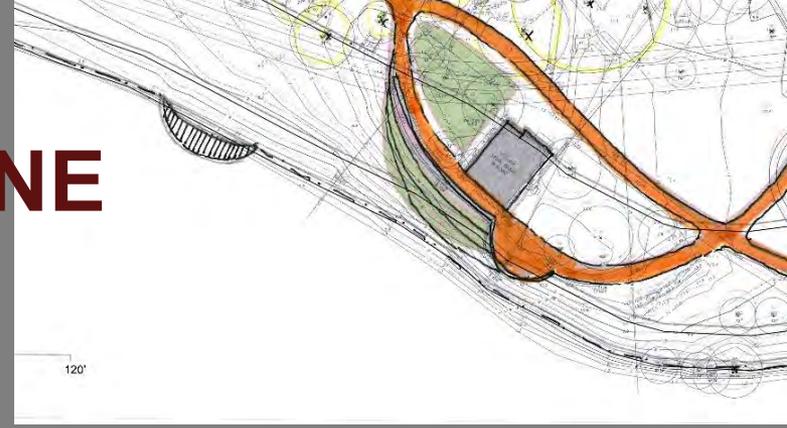
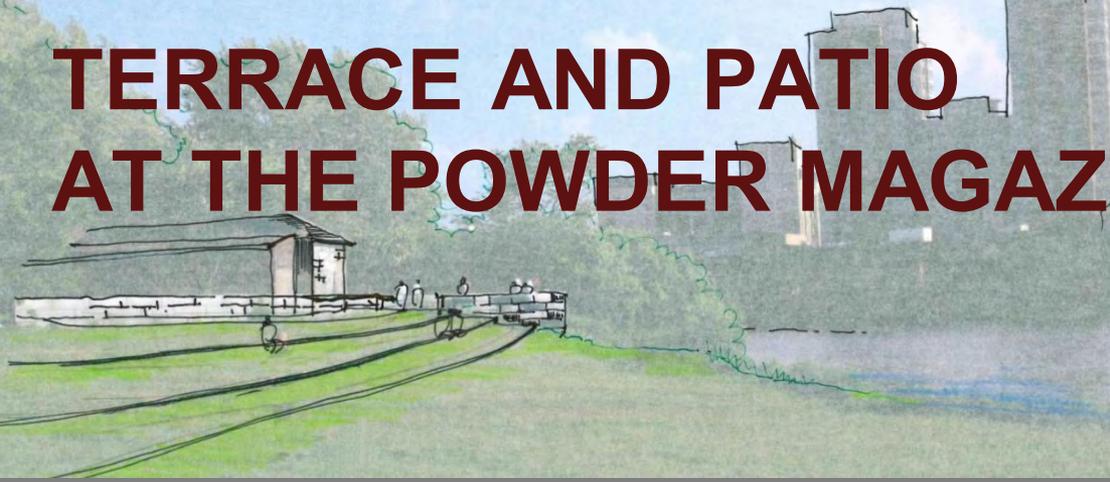
DISLIKES

DON'T NEED TO CHANGE IT

COMMENTS

PROGRAM AREAS

TERRACE AND PATIO AT THE POWDER MAGAZINE

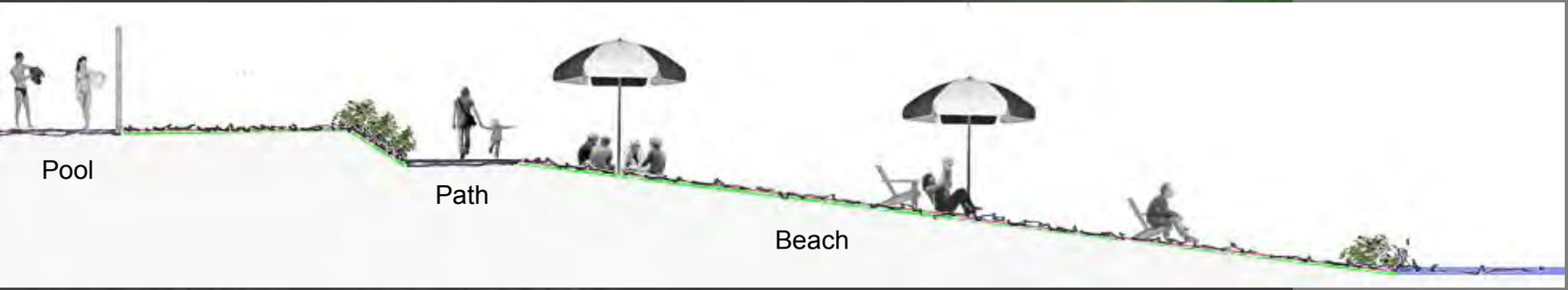






PICNIC SPACE

PROGRAM AREAS

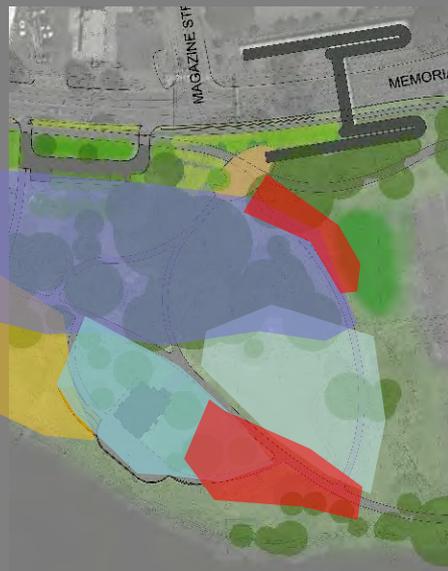




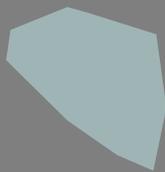
PLAY ZONES



PROGRAM AREAS



PERFORMANCE SPACE



GRASSY BEACH



MAGAZINE



PICNIC SPACE



PLAY ZONES



PROGRAM AREAS

CAPTAIN'S ISLAND DESIGN

- SCALE STUDIES
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- **LIGHTING PLAN AND UTILITIES**



THE RIVER EDGE VEGETATION



LIKES

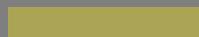
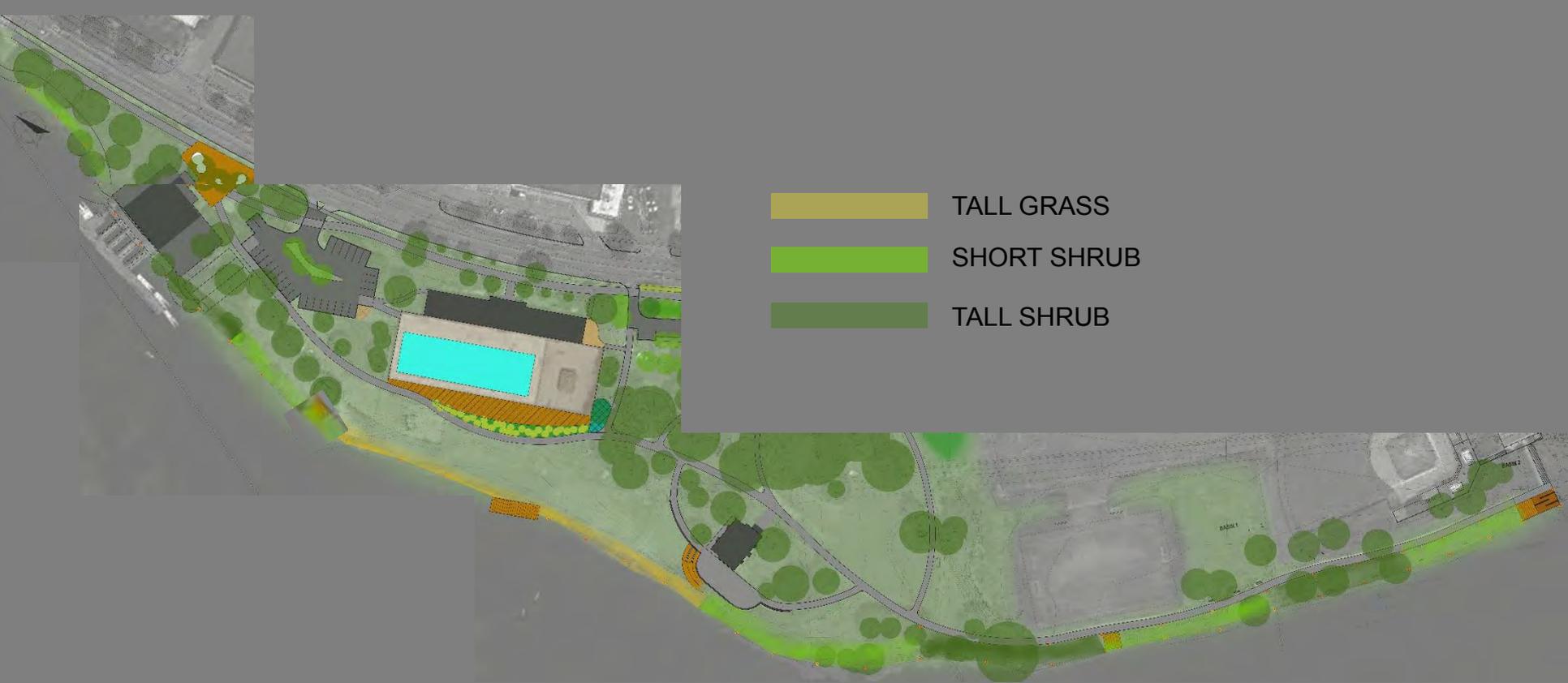
Recognition that there is an issue.

DISLIKES

Make sure that the path is wide enough

COMMENTS

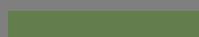
Consider animal habitat (esp Birds)
Consider increase in flood stage



TALL GRASS



SHORT SHRUB



TALL SHRUB



TALL GRASS



SHORT SHRUB/MIX



TALL SHRUB



MAGAZINE STREET

MEMORIAL DRIVE

CHARLES RIVER

DISCUSSION





MAGAZINE STREET

MEMORIAL DRIVE

CHARLES RIVER



Additional Information

For more information:

<http://www.mass.gov/eea/agencies/dcr/public-outreach/public-meetings/>

If you have comments or suggestions:

Submit Online: <http://www.mass.gov/eea/agencies/dcr/public-outreach/submit-public-comments/>

Write: Department of Conservation and Recreation
Office of Public Outreach
251 Causeway Street, Suite 600
Boston, MA 02114

Deadline: **Wednesday December 9, 2015**

Note: Public comments submitted to DCR may be posted on the DCR website in their entirety.

If you have questions or concerns, or wish to subscribe to a DCR general information or project-specific listserv: contact

DCR's Office of Community Relations at 617-626-4973 or

Mass.Parks@state.ma.us.