

MAIN STREET STREETScape MASTER PLAN



PROJECT SCHEDULE



PROJECT GOALS

- Provide a written and illustrated **Master Plan** document to act as a reference and guide to facilitate strategic and coordinated capital improvements to Main Street including recommendations to:
 - Improve street crossings,
 - Improve pedestrian environment,
 - Provide traffic calming,
 - Highlight the Village's historic quality,
 - Foster social interaction,
 - Recommend street furniture, sidewalk and street tree improvements,
 - Welcome visitors & improve commerce,
 - Improve accessibility and way finding,
 - Improve connections to transportation and linkages surrounding community,
 - Rethink stormwater management,
 - Seek cost effective implementation and phasing strategies, and
 - Identify funding strategies.

Recommendation:

1. Refresh cross-walk markings with bold easy to see lines and walk area.
2. Irvington is required to provide ADA accessible pedestrian curb ramps.



ECKAR STREET: EXISTING CONDITION



ECKAR STREET: STANDARD STREET TREES, WIRES BURIED



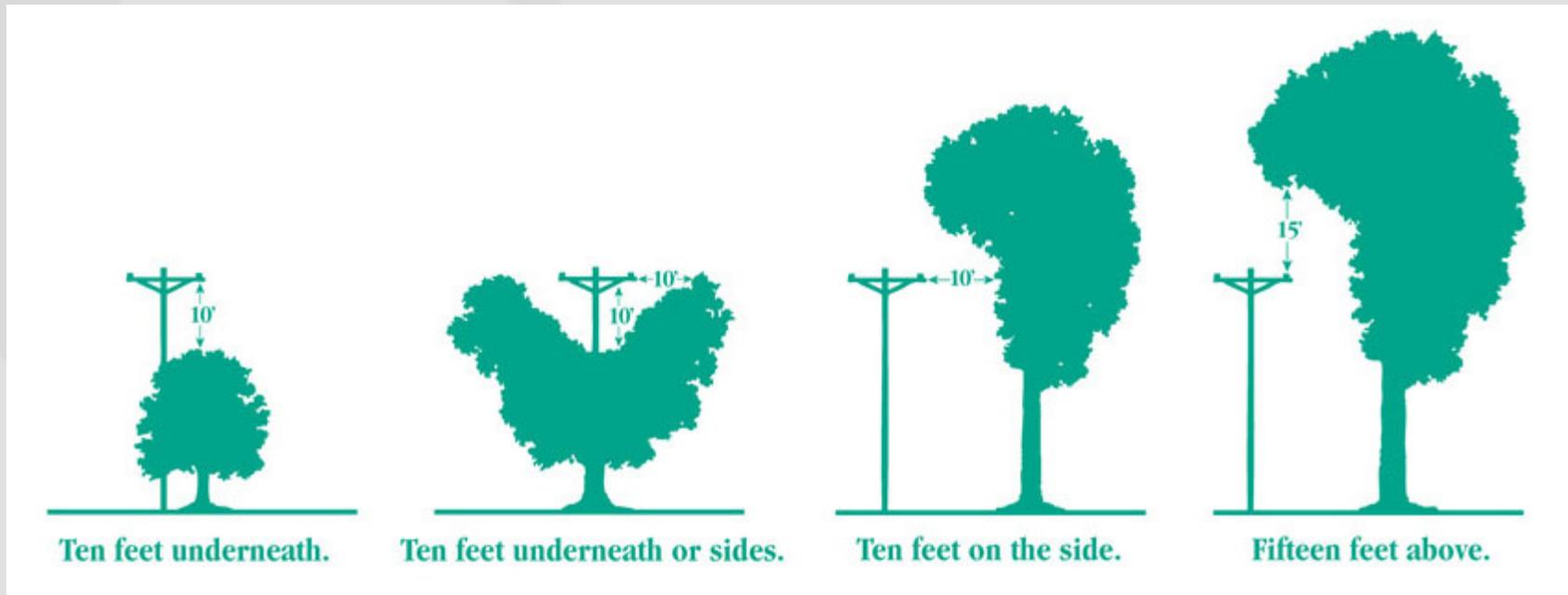
RECOMMENDED SIDEWALK STYLE:



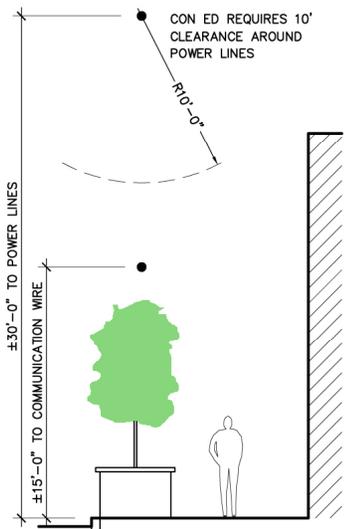
Brick Band

Faux Bluestone Paver

OVERHEAD WIRES AND UTILITY REQUIREMENTS

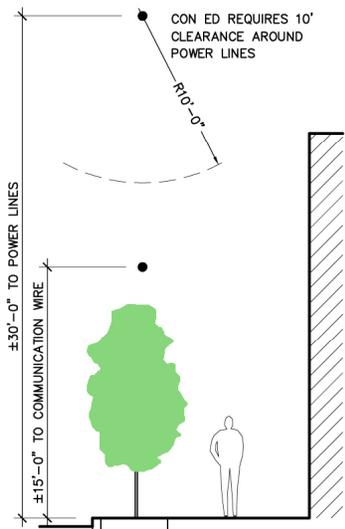


FACTORS INFLUENCING TREES

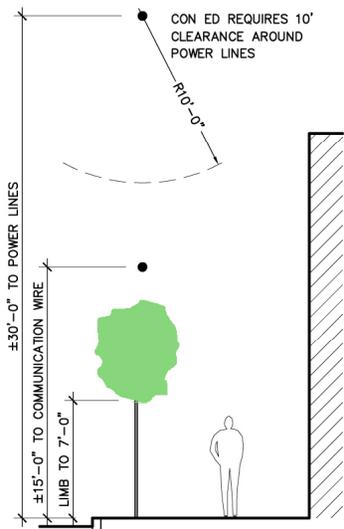


- 1) PLANTER UNDER WIRE:
- REQUIRES SMALL TREE/LARGE SHRUB
 - PLANTER DETERS PLANT DAMAGE
 - BRANCHES ABOVE FACE LEVEL

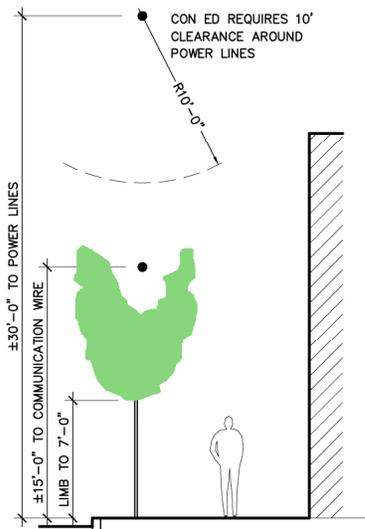
RECOMMENDED IF WIRES REMAIN



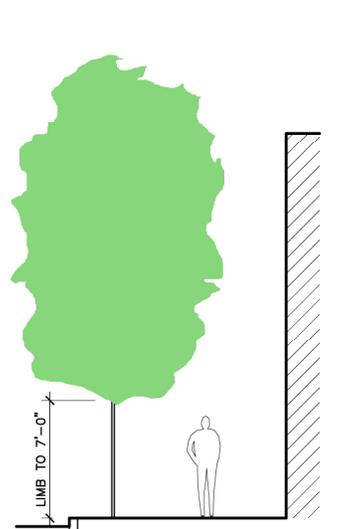
- 2) SMALL TREE UNDER WIRE:
- REQUIRES SMALL TREE
 - PLANT SUSCEPTIBLE TO DAMAGE
 - BRANCHES AT FACE LEVEL



- 3) SMALL TREE UNDER WIRE (LIMBED UP):
- REQUIRES SMALL TREE
 - LIMBING UP RESULTS IN DEFORMED CANOPY
 - TINY 'LOLLIPOP' SHAPE
 - BRANCHES ABOVE FACE LEVEL



- 4) MEDIUM TREE UNDER WIRE (LIMBED UP):
- ALLOWS LARGER TREE
 - TREE IS SUITABLE TO LIMB UP
 - REQUIRED PRUNING AROUND WIRES

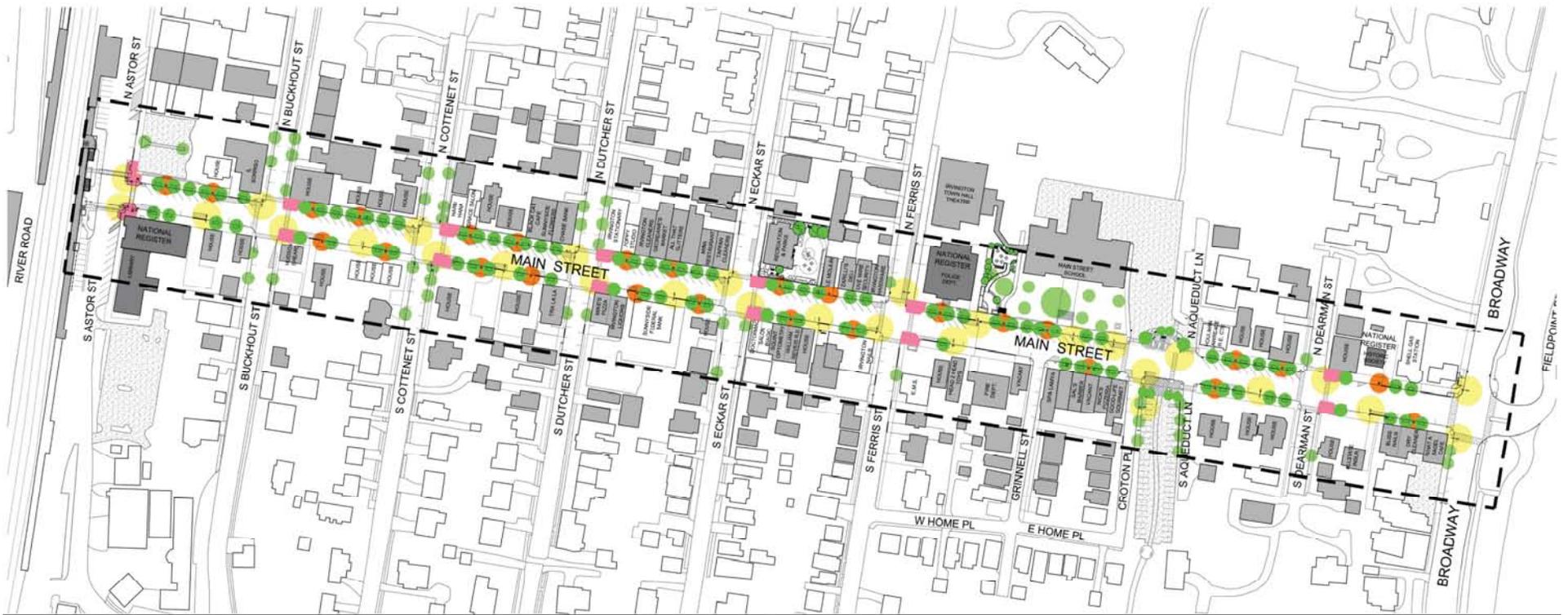


- 5) MEDIUM/LARGE TREE—NO WIRES (LIMBED UP):
- ALLOWS LARGER TREE
 - TREE IS SUITABLE TO LIMB UP
 - NO PRUNING AROUND WIRES
 - SHADES PEDESTRIANS
 - BOULEVARD EFFECT

RECOMMENDED IF WIRES BURIED

Recommendation:

- Place power and communications wires below ground and plant large trees in tree pits. Continuous tree pits recommended.



Legend

- Existing Street Tree (Side Streets)
- New Tree in 4' x 10' Treepit (Main Street): 25 foot on center
- New Pedestrian Pole Light
- New Street Pole Light
- New Sidewalk Extensions

Summary

- 89 - New Trees in 4' x 10' Treepits (Main Street)
- 27 - New Pedestrian Pole Lights
- 29 - New Street Pole Lights
- 13 - Total Parking Spaces Removed to Provide 14 Extensions
- 156 - Total Existing Parking Spaces on Main Street



MAIN STREET STREETScape MASTER PLAN
(BURY EXISTING WIRES)

Recommendation:

4. Place trees where they will not be hit by cars and not interfere with car doors.
5. Place trees where they will not interfere with building egress.
6. Place trees where they will not disturb underground water, gas or power lines.
7. Place trees where they will not block access to fire hydrants.

Large trees in 5x10 tree pits; overhead wires buried



OPTIONS: Street Trees (no overhead wires)



Zelkova serrata
Halka

Japanese Zelkova



Carpinus caroliniana

American Hornbeam



Ulmus americana
Princeton

Princeton Elm



Corylus columna

Turkish Filbert



OPTIONS: Street Trees (no overhead wires)



Acer rubrum

Red Maple



Ginkgo biloba (male)

Ginkgo



Pyrus calleryana

Callery Pear



Gleditsia triacanthos inermis

Honeylocust



Recommendation:

8. Extend sidewalk areas with sidewalk extensions at selected corners.

[Reduces crossing distances, visual element that slows and calms traffic, provides additional social areas with plantings and seating.]

Considerations:

- Fourteen sidewalk extensions would displace thirteen parking spaces and would reduce some loading zones used by businesses.
- Sidewalk extensions would require modifications to snow removal practices.
- Sidewalk extensions would give side street drivers better view around parked cars when turning onto Main Street.

PROPOSED SIDEWALK EXTENSIONS - INVESTIGATION



Parking Space Summary

156 - Total Existing Parking Spaces on Main Street

13 - Total Parking Spaces Removed to Provide 14 Bulbouts

Sidewalk Extensions



ECKAR STREET: STANDARD STREET TREES, WIRES BURIED & TRAFFIC CALMING SIDEWALK EXTENSIONS



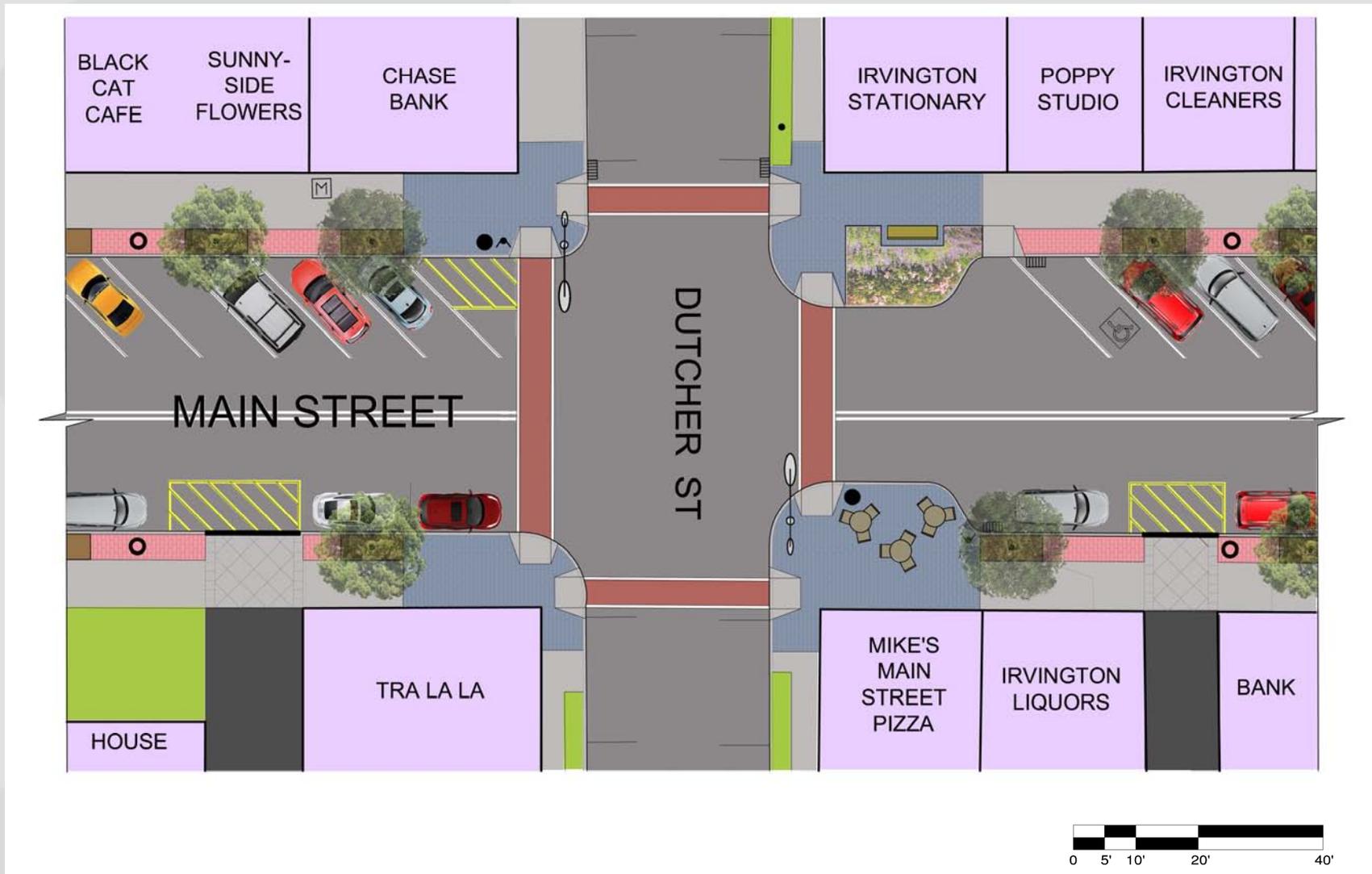
Recommendation:

9. Plan intersections as a whole.
10. Provide distinctive pavement or pavement pattern where driveways cross the sidewalk to alert pedestrians to crossing cars.

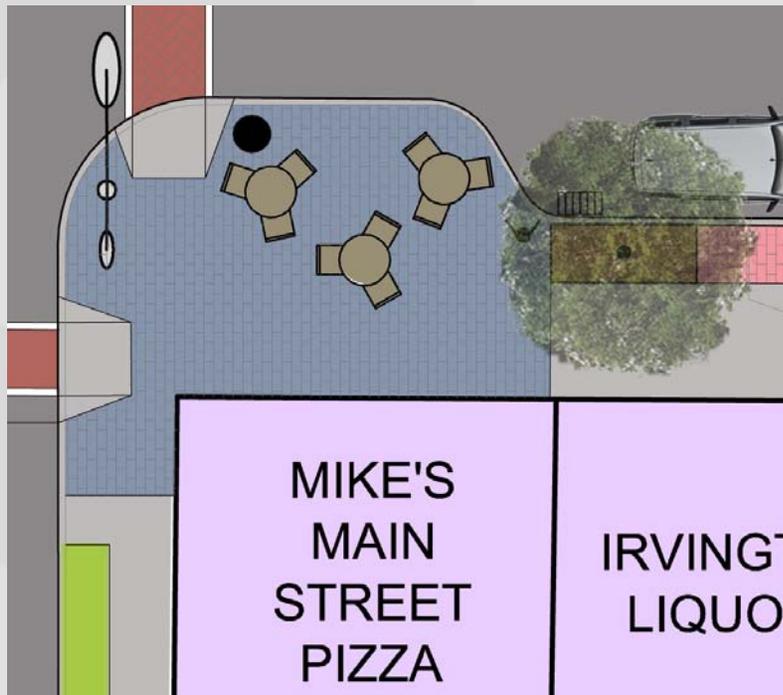
INTERSECTION: Typical Existing



INTERSECTION OPTION: Standard trees, wires buried, & traffic calming sidewalk extensions.

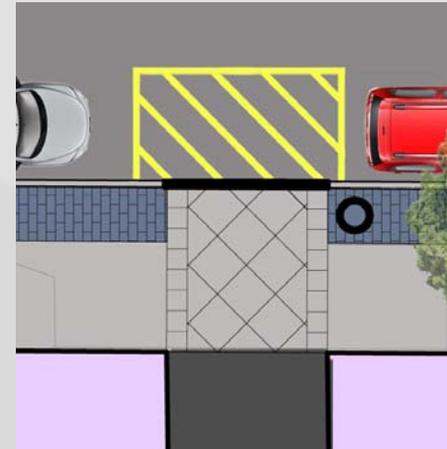


PEDESTRIAN SAFETY & EXPERIENCE ENHANCEMENTS



High visibility cross walks with ADA compliant ped ramps.

Distinctive pavers, space for tables and chairs.



Distinctive scoring pattern to indicate driveway crossing.

Recommendation:

11. Improve Main Street lighting.
 - Encourage community lighting, “community glow,”
 - Update 30’ ht street lights,
 - Add pedestrian level lighting, &
 - Consider the attractiveness of Main Street after 5 PM.

VERY DARK AFTER SUNDOWN



VERY DARK AFTER SUNDOWN



COMMUNITY GLOW

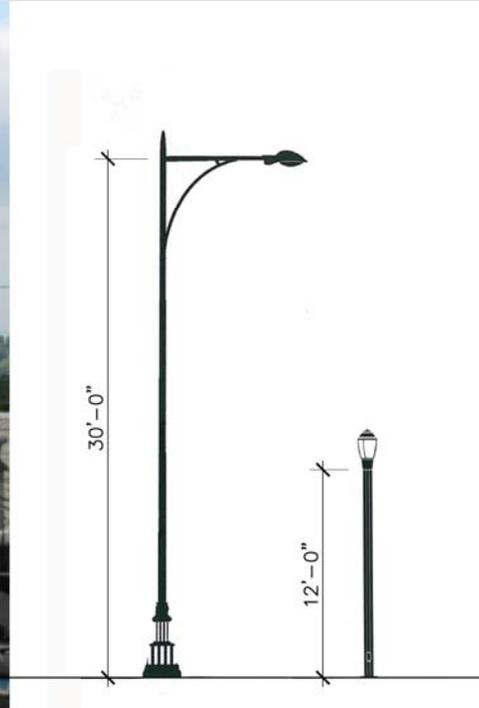


ENCOURAGE BUSINESSES TO LEAVE A LIGHTS ON UNTIL 9:30 PM.

POTENTIAL STREET LIGHTING IMPROVEMENTS

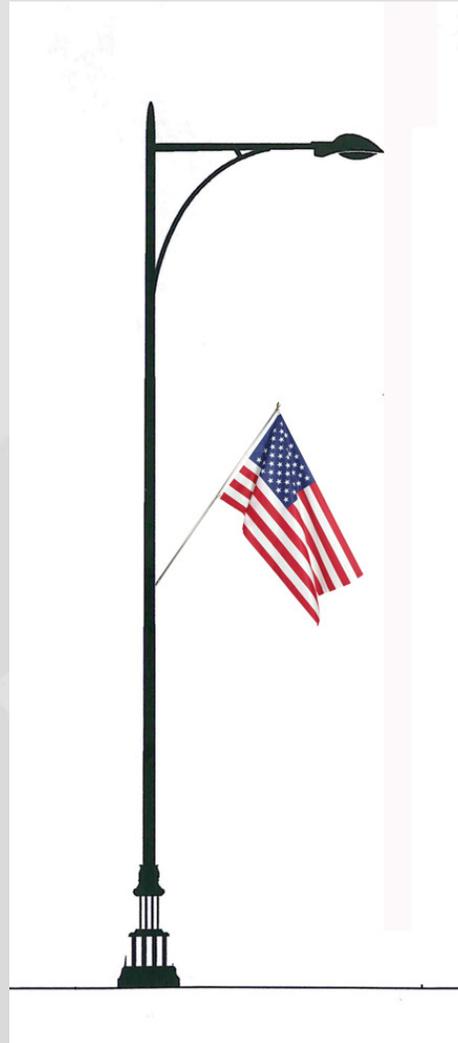


EXISTING STREET LIGHT: UTILITY POLE WITH ATTACHED COBRAHEAD LIGHT FIXTURE



OPTION 'A':
STREET LIGHT: 'FLATBUSH AVENUE'
POLE WITH HELM LIGHT FIXTURE
PEDESTRIAN LIGHT: 'WORLD'S FAIR'
POLE & LIGHT FIXTURE

POTENTIAL STREET LIGHTING IMPROVEMENTS



Recommendation:

12. Enhance the Historic character of the designated Historic District.
 - Bury the wires,
 - Bury the wires,
 - Bury the wires,
 - Costly if you do,
 - Costly if you don't.

Behrens Block, historic image



Behrens Buildings, constructed 1905 to 1910

Source: [IRVINGTON, THEN & NOW](#),
Spikes & Leone

Beherns Block Existing



Behrens Block, wires buried



Beherns Block, STANDARD STREET TREES & LIGHTING



EXISTING CONDITION



WIRES BURIED



Recommendation:

13. PLACE MAKING: Enhance social interaction, welcome visitors & stimulate local business.

POTENTIAL SOCIAL SPACES / MINI PARKS

- Broadway bus stop (Broadway Gateway)
- OCA trail intersection
- School hillside next to Village Hall
- Side yard of recreation center
- Sidewalk extensions
- Astor Street Gateway

POTENTIAL SOCIAL SPACES / MINI PARKS

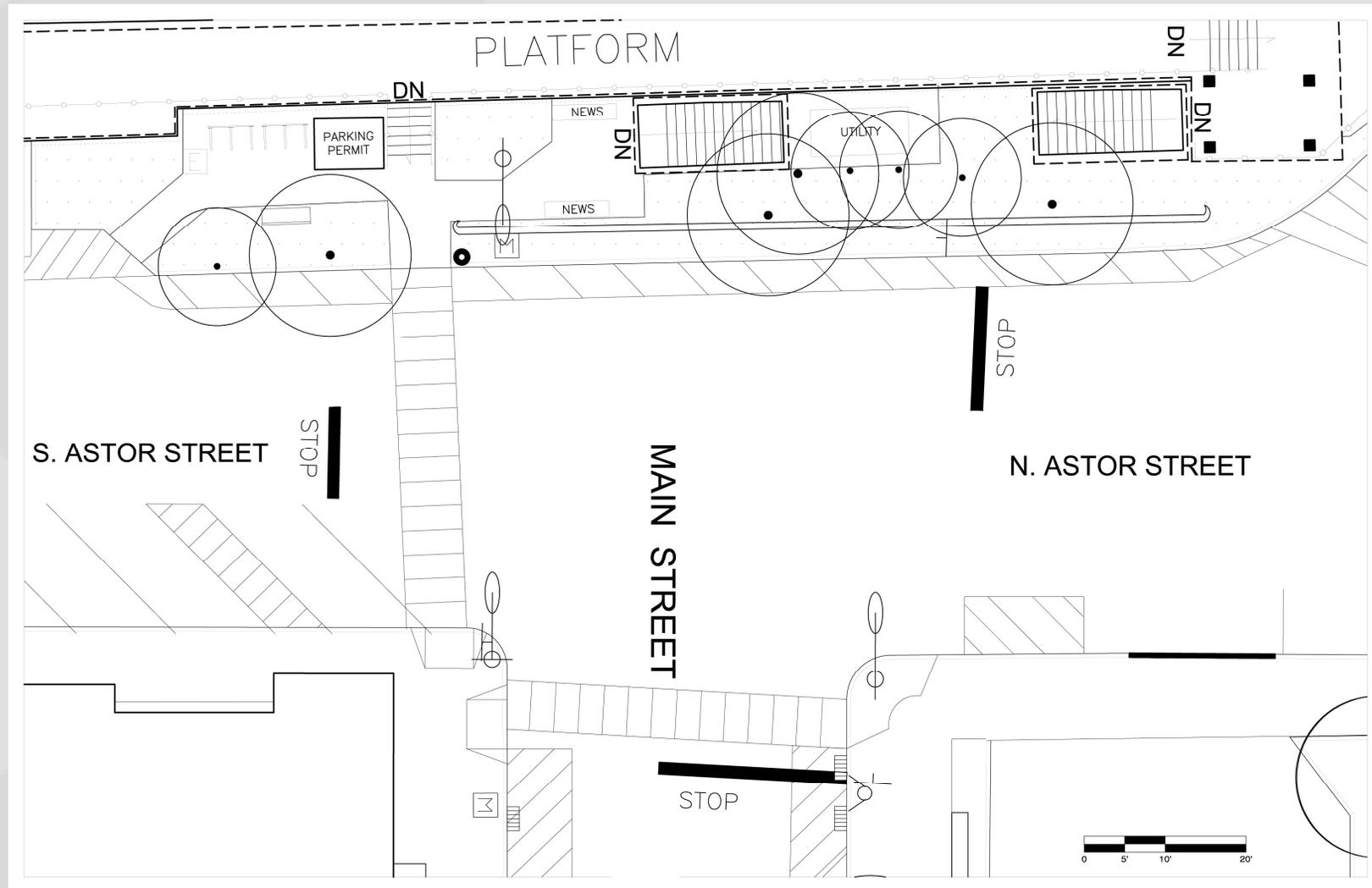


Legend:

- Proposed Social Spaces
- Proposed Sidewalk Extensions



ASTOR STREET: EXISTING



ASTOR STREET GATEWAY: PROPOSED CONCEPT



Recreation Center side lot existing

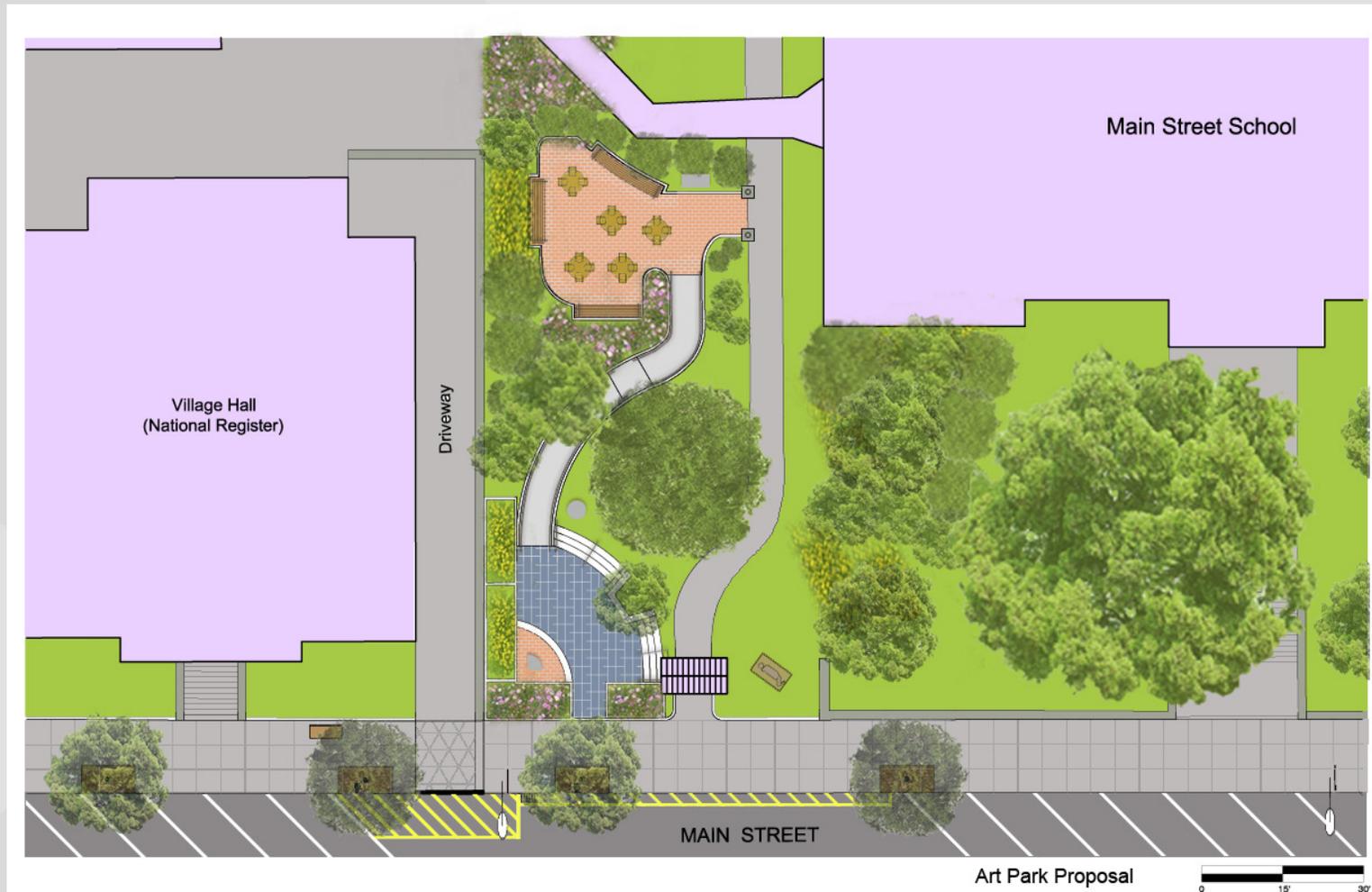


CONCEPTUAL Social Spaces / Mini Parks:



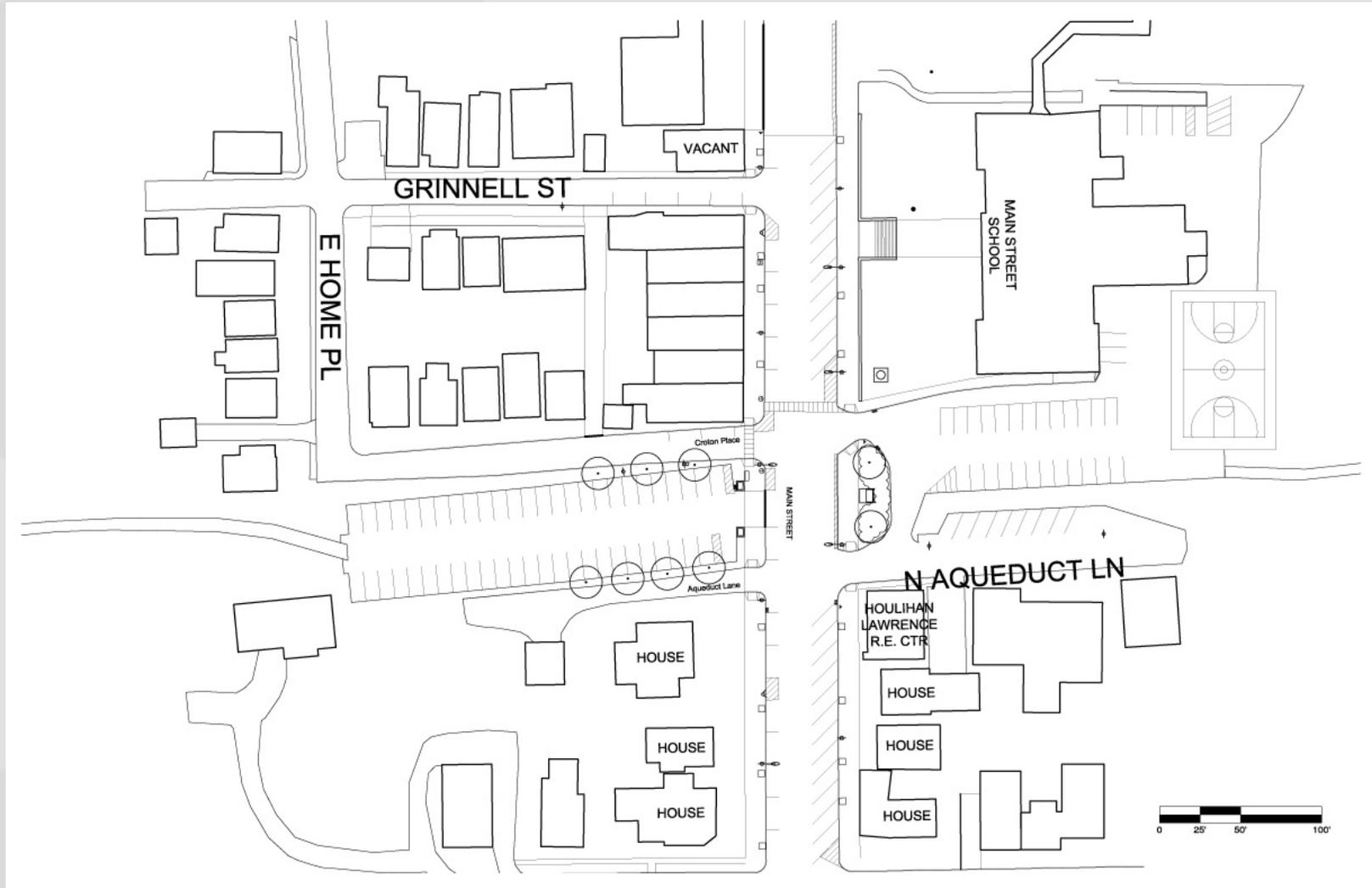
PROPOSED RECREATION CENTER MINI PARK CONCEPT

CONCEPTUAL Social Spaces / Mini Parks:



PROPOSED MAIN STREET SCHOOL MINI PARK CONCEPT

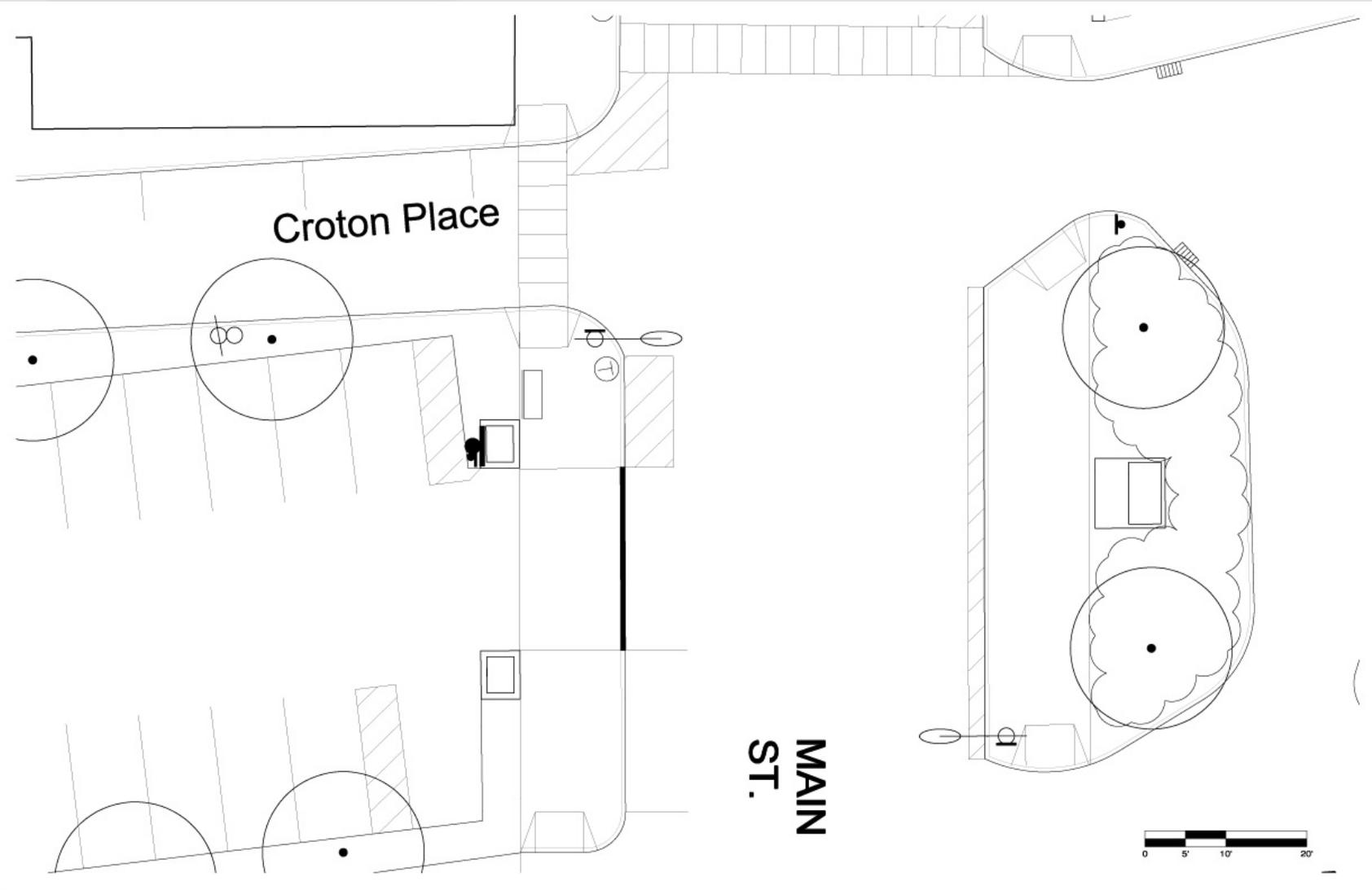
OCA TRAIL: EXISTING



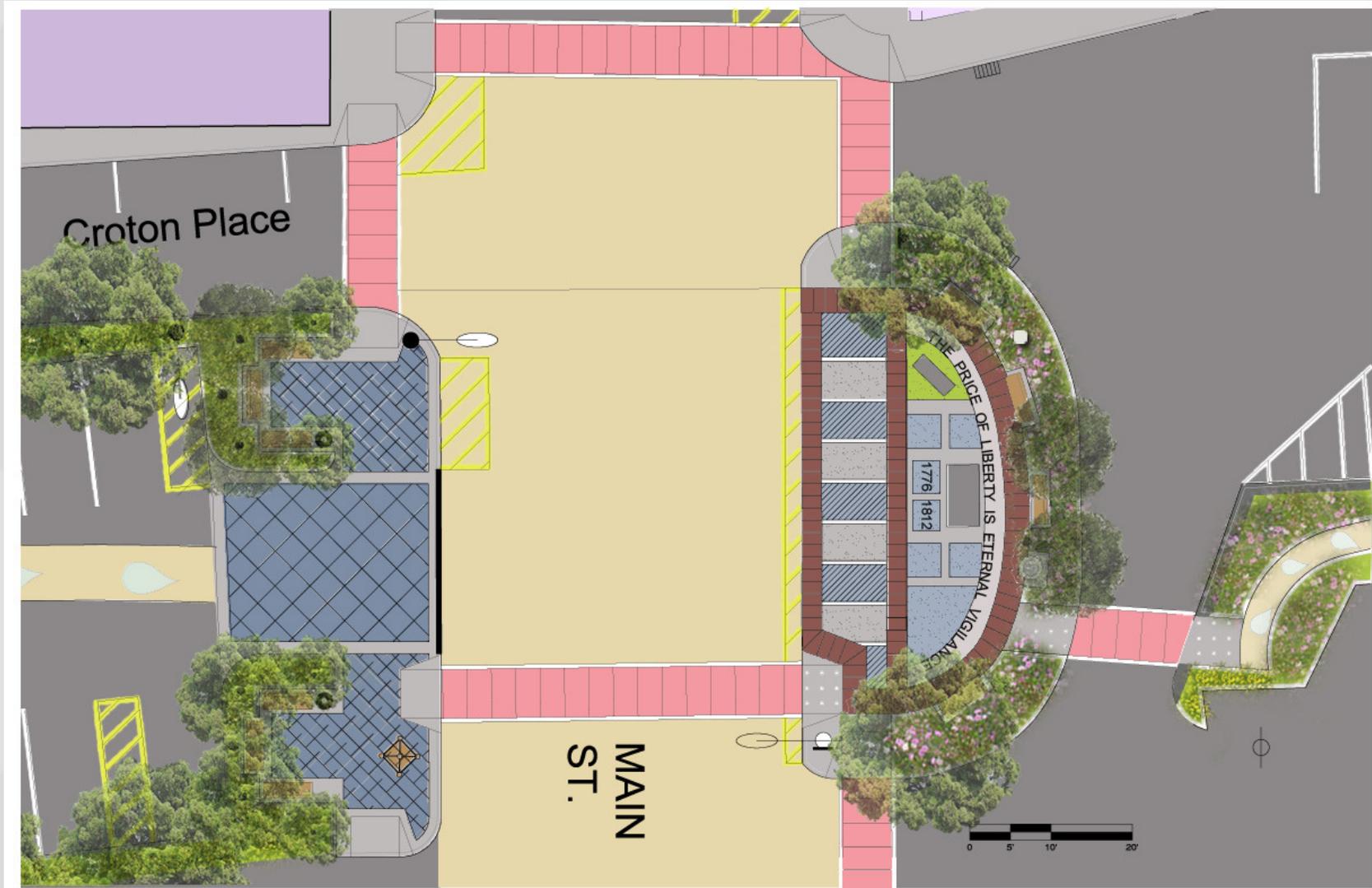
OCA INTERSECTION: PROPOSED CONCEPT



AQUEDUCT INTERSECTION: EXISTING



AQUADUCT INTERSECTION: PROPOSED CONCEPT



CONCEPT Social Spaces / Mini Parks:



PROPOSED BROADWAY BUS STOP CONCEPT

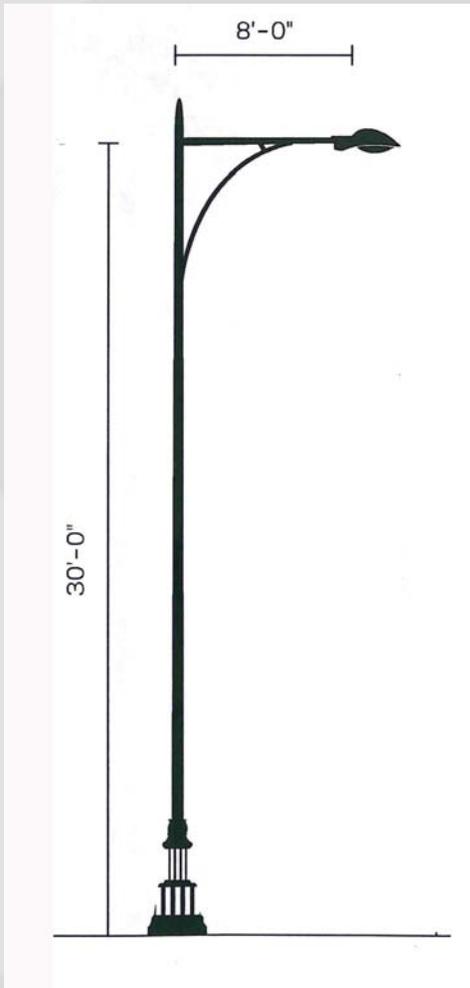
Recommend bus shelter with small footprint and wind protection.



Recommendation:

14. Establish a palette of site furnishings that reinforces and promotes Irvington's character / image.

RECOMMENDED Street Furnishings



STREET FURNISHINGS: RECOMMENDED



RECYCLING BIN LOCATIONS:

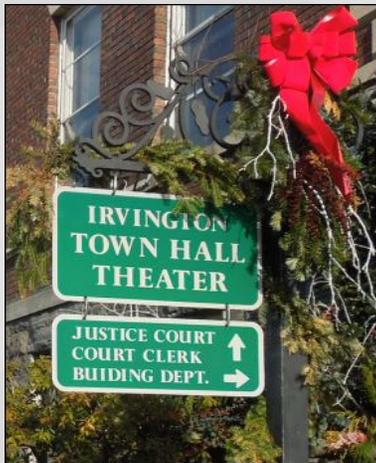
- RAIL ROAD STATION
- LIBRARY
- MAIN STREET SCHOOL
- BUS STOP
- POST OFFICE

TRASH LOCATIONS:

- RAIL ROAD STATION
- LIBRARY
- VILLAGE HALL
- MAIN STREET SCHOOL
- BUS STOP
- ONE AT EACH INTERSECTION,
..ALTERNATING CORNERS (9)

Recommendation:

15. Improve wayfinding.
16. Interpret Irvington Historic past.



River town signs



Less is more



OBJECTIVES FOR SIGN PROGRAM



Legend:

- Welcome & Community Events
- National Historic Register
- Destinations

Questions to be addressed:

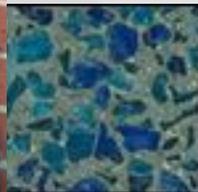
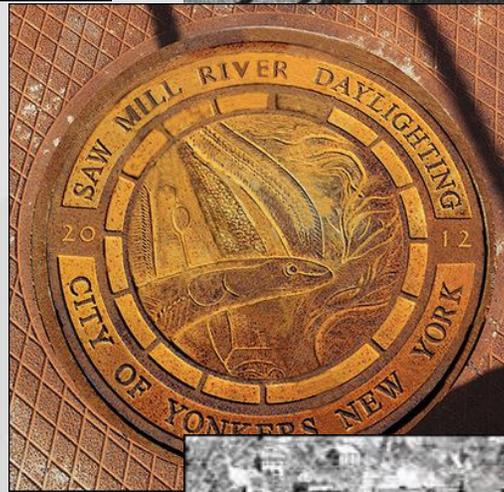
- What do visitors want to know?
- Where are they going?
- What is important?

Additional places to find:

- * Waterfront
- * Scenic Hudson Park
- * Trent Building
- * Marina

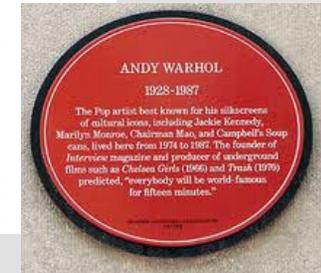
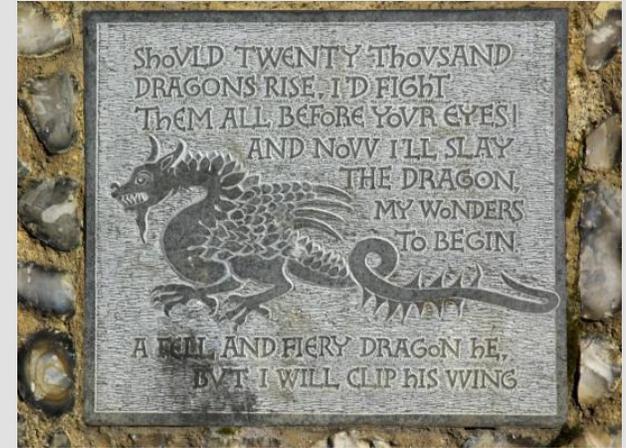
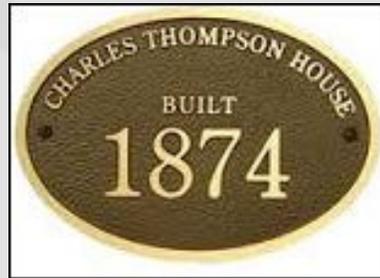


SIGNS / ART THAT TELLS A STORY





SIGNS WITH WORDS



Recommendation:

17. Rethink stormwater management.
18. Capture stormwater for use in irrigating street trees and infiltration.

EXPLORING OPTIONS FOR IMPROVING RAIN INFILTRATION



- AT SIDEWALK EXTENSIONS
- AT PARKING LOTS
- ALONG GUTTER LINE

Recommendation:

19. Locate Village employee and proprietor parking off of Main Street.
20. Identify potential future parking off of Main Street.

Future Opportunities



ERROR: undefined
OFFENDING COMMAND: ?II2
STACK: