



# **“MS4” Municipal Stormwater Management Belmar Shade Tree Commission Permitting Assessment**

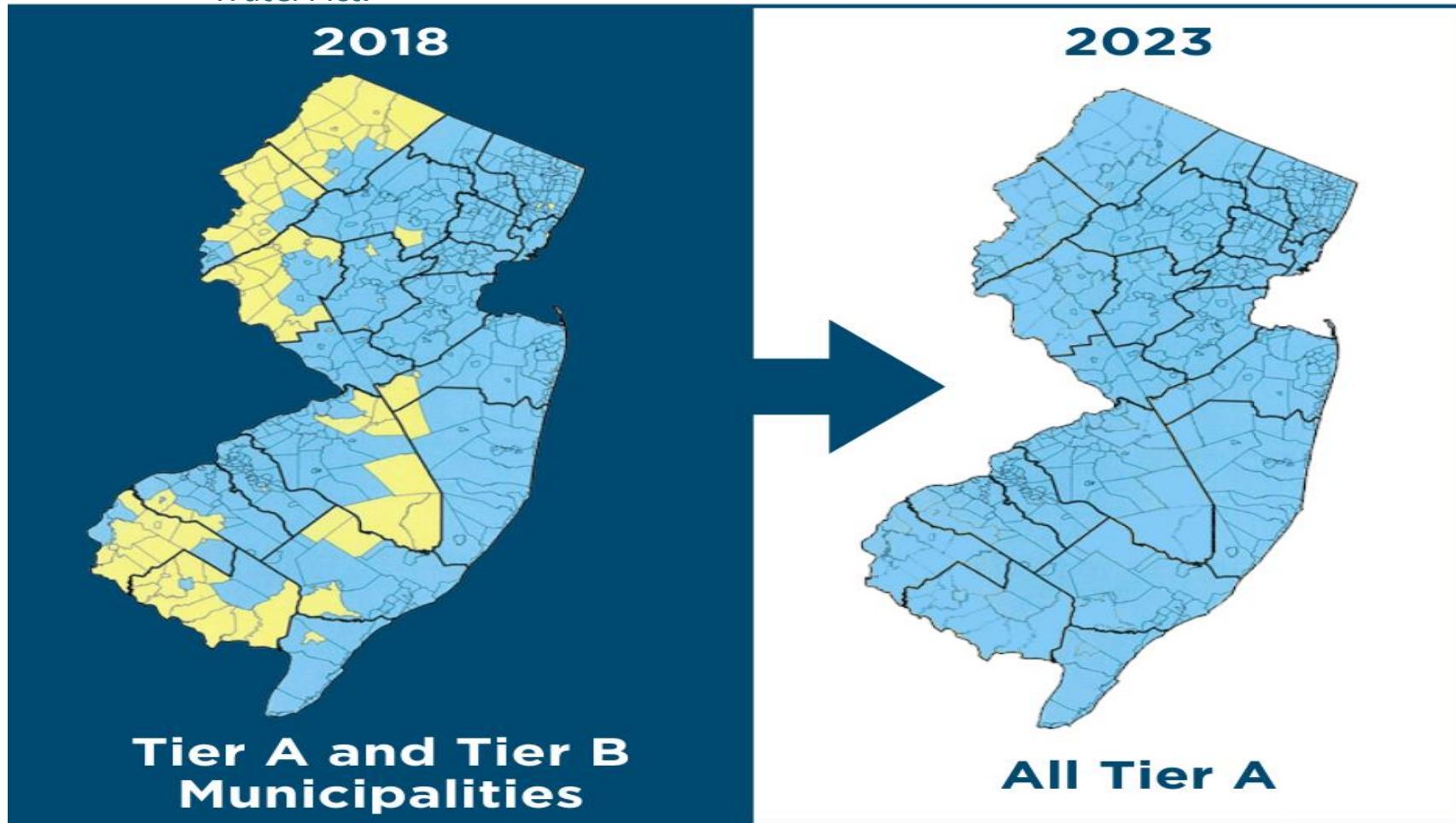
# Agenda

- **High Level MS4 Goals**
- **MS4 Tree Management Impact**
- **Review/Q&A/Input & Ideas/Next Steps**
-

# MS4 High Level Goals

- **What is it ?**-Revised set of stormwater regulations directly impact tree management & water cycle
- **Why introduced ?**-Improve water quality, & groundwater re-charge, reduce erosion, pollution, runoff, flooding and improve groundwater recharge
- **Who must adhere?**-All NJ municipalities must update stormwater ordinance to comply with new rules

**What This New Permit Means for Municipalities.** All towns previously considered Tier B, over 100 municipalities, have been reclassified as Tier A. This reclassification means all of New Jersey's municipalities are subject to permitting obligations informed by federal regulations, which include more stringent requirements set forth in the Clean Water Act.



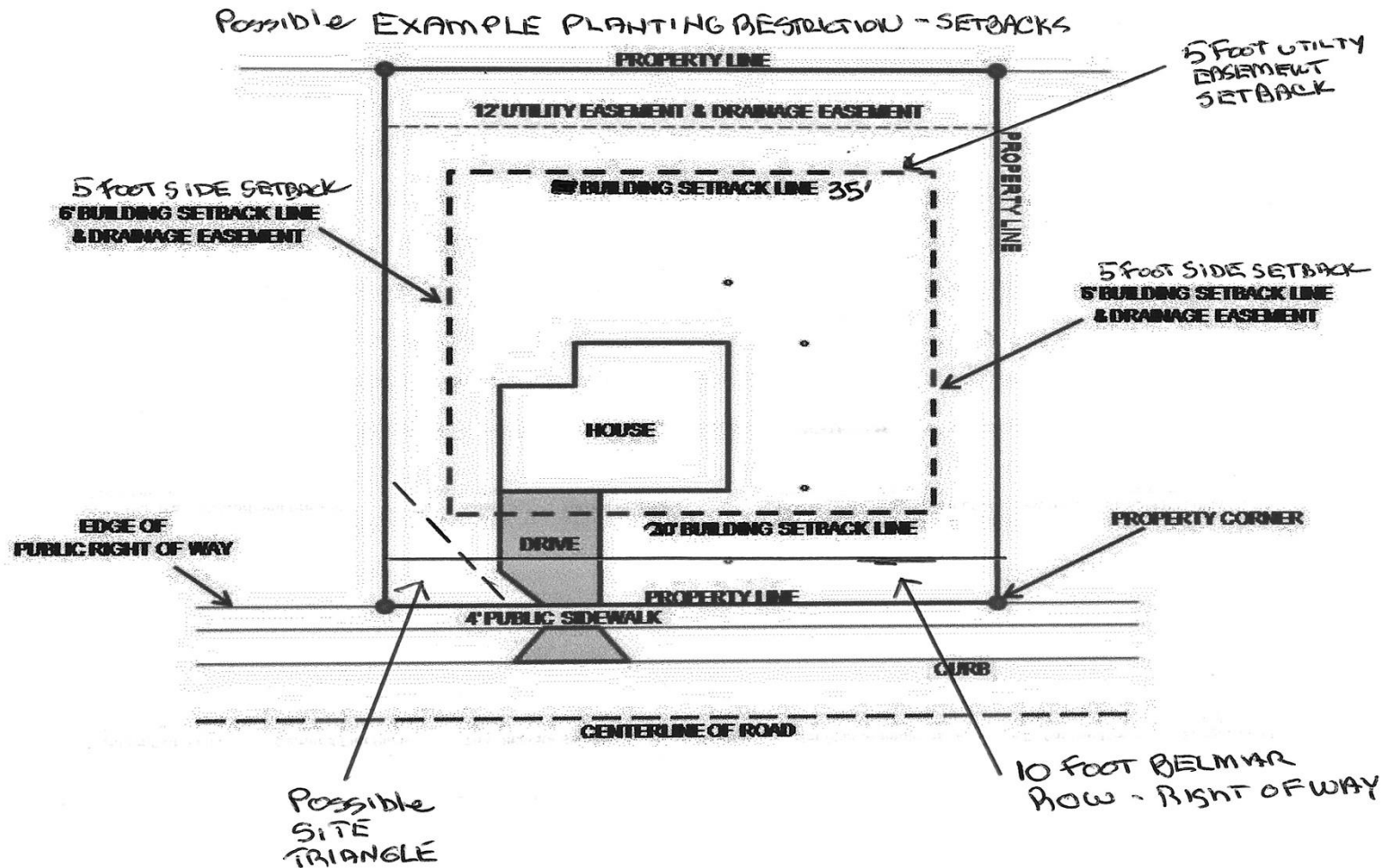
# STC & MS4 Ordinance

- **Before** - Full & exclusive control over regulation, planning and care of shade trees, ornamental, & shrubbery now located in any public highway, park or parkway, pedestrian corridor.
- **Now** – Expanded for removal, replacement of all trees under Municipal Stormwater MS4 permitting process, all areas of community, public & private property

# Key Impacts

- **Planting strip** - remains same
- **Private Property Land Parcel Permitting**
  - ROW 10ft curb edge
  - Site triangle
  - Planting - Identify above or underground utilities (*mark outs*)
  - Identify - easements utility, private, conservation
  - Established side set backs i.e.: side setback 5 ft
  - Sometimes a judgement call as to each situation

# Impact Land Parcel

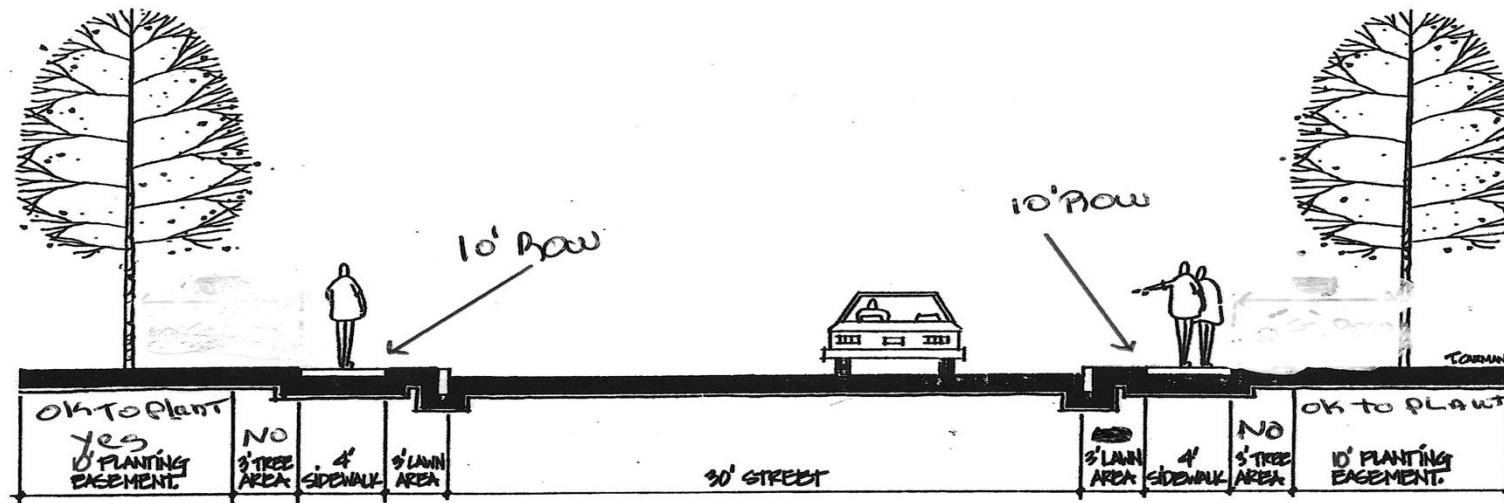


# Key Impacts

- **Planting strip** - remains same
- **Private property impacts**
- ROW 10ft curb edge

# ROW & Planting Easement

## Planting Easement Diagram



PLANTING EASEMENT. -BEYOND 10 FT. FROM CURB / DELMAR ROW

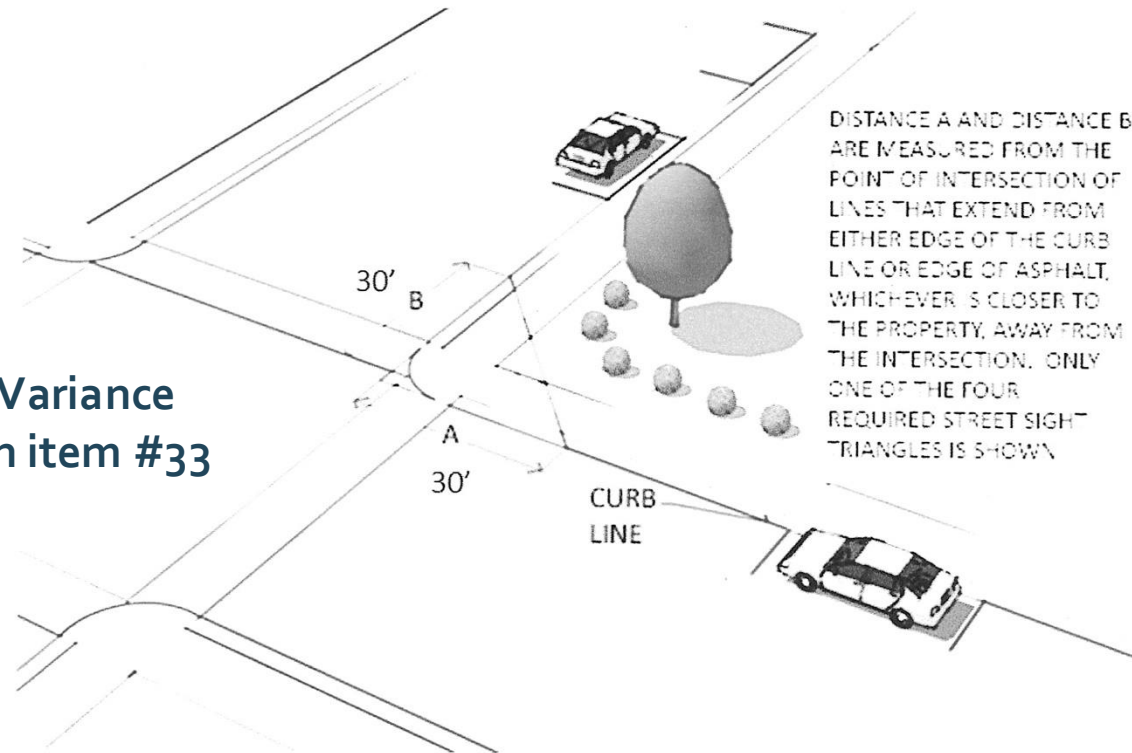
NOT TO SCALE

# Key Impacts

- **Planting strip** - remains same
- **Private property Site Review**
  - ROW 10ft curb edge
  - Site triangle

# Site Triangle

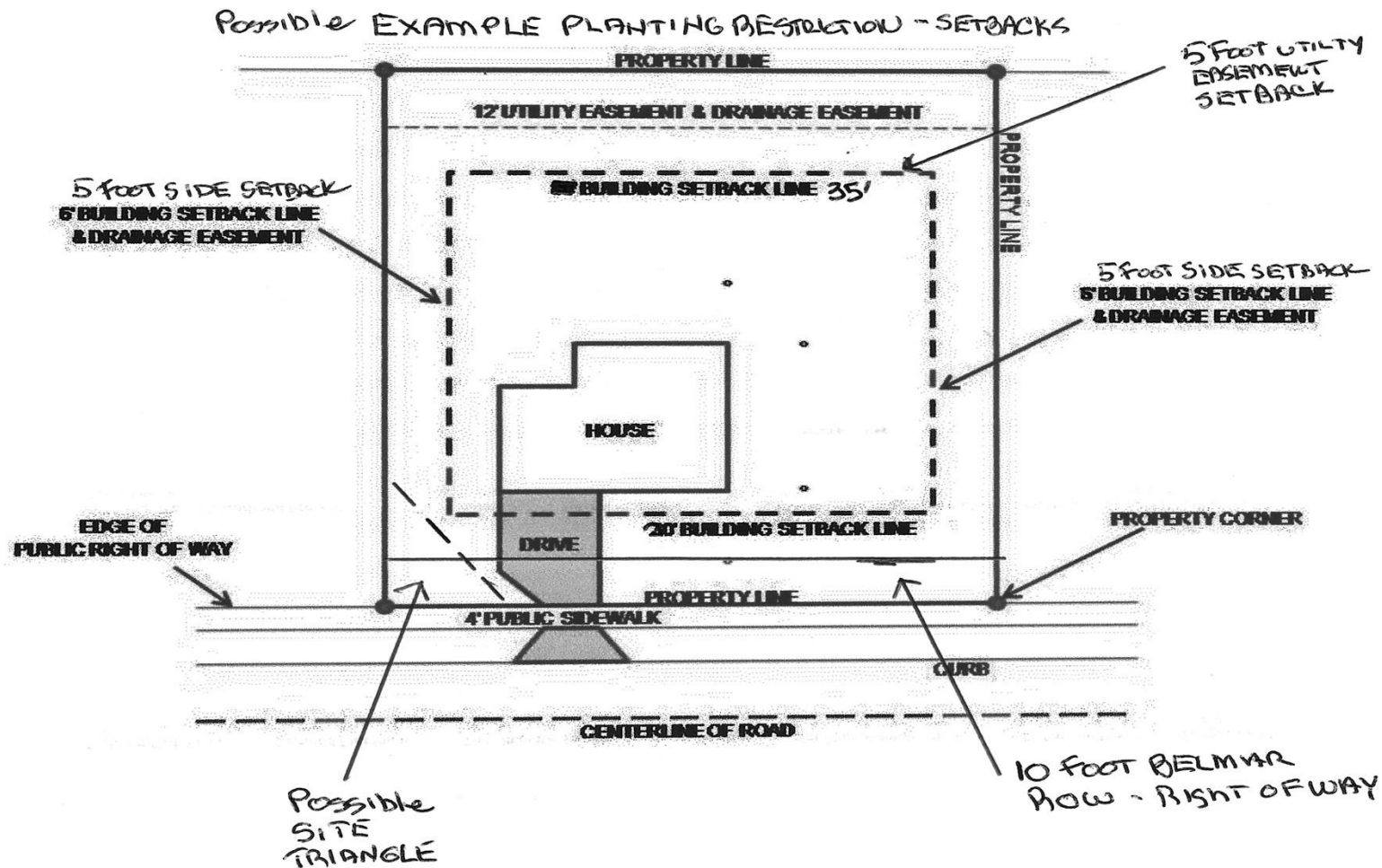
Already in Variance  
Application item #33



# Key Impacts

- **Planting strip** - remains same
- **Private property Site Review**
  - ROW 10ft curb edge
  - Site triangle
  - Planting - Identify above or underground utilities (*mark outs*)
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# Set Back Planting Zone Restrictions



# Key Impacts

- **Planting strip** - remains same
- **Private property Site Review**
  - ROW 10ft curb edge
  - Site triangle
  - Planting - Identify above or underground utilities (*mark outs*)
  - Identify - easements utility, private, conservation
  - Established side set backs i.e.: side setback 5 ft
  - Sometimes a judgement call as to each situation
  - Opt Out Alternative

# Opt Out Alternative

- If STC determines the replacement cannot be planted
- Fee payment per removed tree, placed into Tree Fund
- Exceptions: Hazards, NJDEP, Tree Farms, Nurseries
- Removal -Historic trees, or Legacy trees

<u>Tree Replacement Requirements</u> <u>Table: Category</u>	<u>Tree Removed (DBH)</u>	<u>Tree Replacement Criteria (See Appendix A)</u>	<u>Alternative Replacement Fee</u>
<u>1</u>	<u>DBH of 1.10 4.99</u>	<u>Replant 1 tree with a minimum tree caliper of 1.5" for each tree removed</u>	<u>\$500.00</u>
<u>2</u>	<u>DBH of 5" to 22.99"</u>	<u>Replant 2 trees with minimum tree calipers of 1.5" for each tree removed</u>	<u>\$1,000.00</u>
<u>3</u>	<u>DBH of 11 to 16.99"</u>	<u>Replant 3 trees with minimum tree calipers of 1.5" for each tree removed</u>	<u>\$1,500.00</u>
<u>4</u>	<u>DBH of 17 or greater</u>	<u>Replant 4 trees with minimum tree calipers of 1.5" for each tree removed</u>	<u>\$2,000.00</u>

# Community Impact

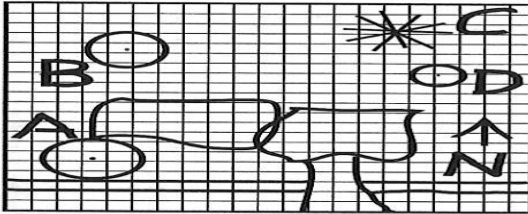
- Homeowner
  - Apply discretion
  - Do we go to level on le: bushes, small tree ?
  - Site inspection if necessary
- Tree Removal Companies
  - Aware of permit requirement for work?
    - Penalties noncompliance ?
- Get Word Out
  - Website, FB, Newsletter, Coast Star ?

# New Construction Recommendations & Impact

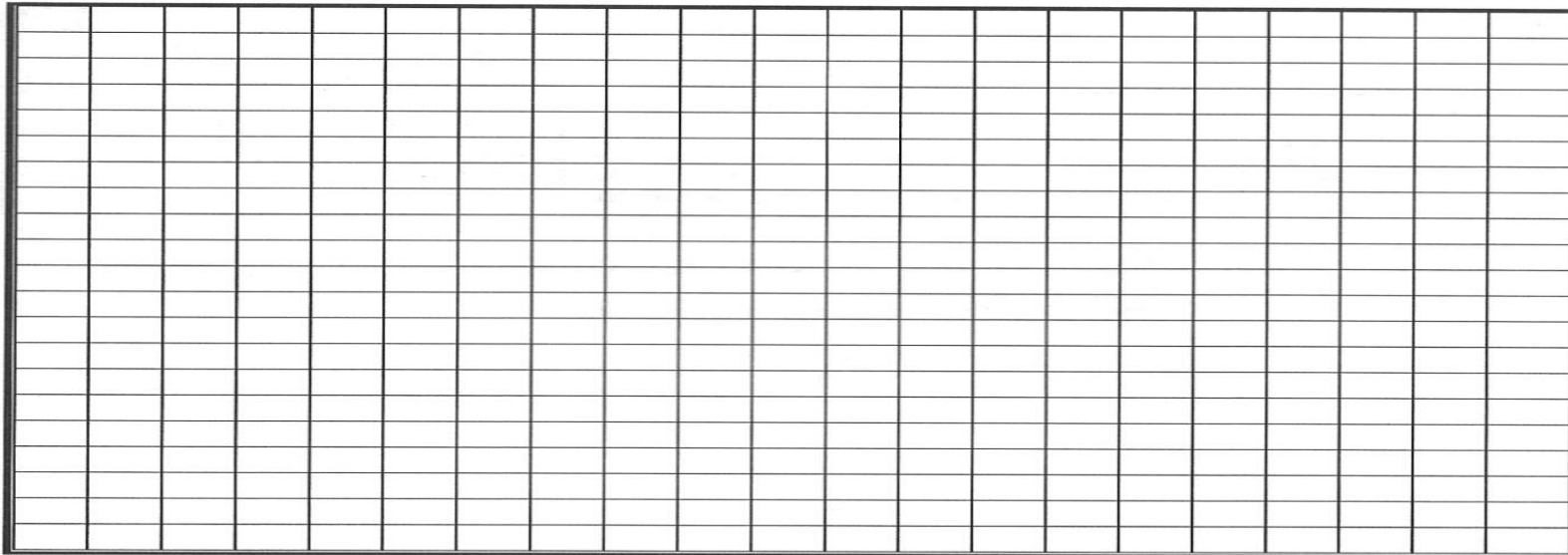
- New Construction Impact Zoning & Planning Board
  - STC notified at application submission
  - Revise Questionnaire for Zoning *Now only PS*
  - Revise Variance Application Submission *Now only PS*
    - Duplication-Site Triangle, Landscape Plan, Setbacks
  - Add Planting Diagram
  - Site inspection by STC

# Example Planting/Removal Diagram

Sample:

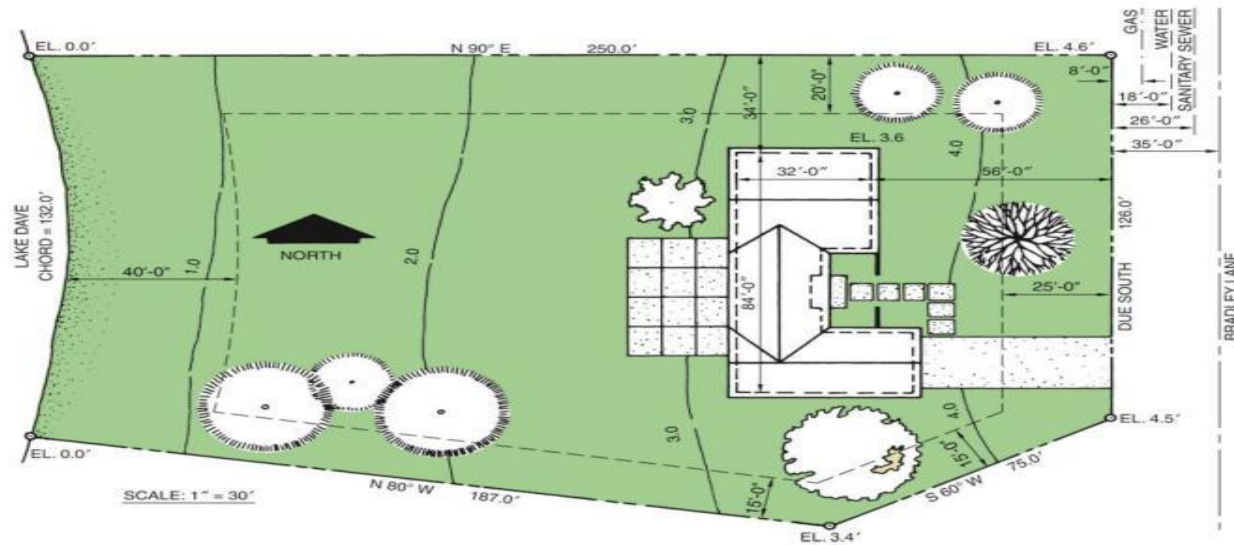


Key:



# Example Completed Diagram

## Completed Plot Plan



# Revise Permit Add a Private Property Option



## Tree Permit Application

Belmar Shade Tree Commission  
601 Main Street Belmar, NJ 07719  
Questions?  
shadetree@Belmar.com

Date of Application:

Application Number

No public tree may be touched in any way without the approval of the Shade Tree Commission. Once the application has been received, the STC will assess the request and contact the applicant/property owner with any questions. Upon full review, a representative from Borough Hall will inform you of the final decision. Submit this form & \$10 fee per tree to: Belmar Borough Hall, 601 Main Street, Belmar, NJ 07719

Property Owner:		Phone:	
Site Address:		Email:	
Contractor:		Phone:	Email:
<input checked="" type="checkbox"/>	I would like to: (Check all that apply)	Number of Trees	Permit Fee: \$10 due at Filing Rec'd:
<input type="checkbox"/>	PLANT TREE(S) IN THE PLANTING STRIP		Complete Section A
<input type="checkbox"/>	REMOVE TREE(S) FROM THE PLANTING STRIP*		Complete Sections A & B
<input type="checkbox"/>	PRUNE TREE(S) IN THE PLANTING STRIP		Complete Section B
<input checked="" type="checkbox"/>	PRIVATE PROPERTY TREE(S) REMOVE AND/OR PLANT	2	Complete Private Property Questions on Page 2

**SECTION A – PERMIT TO PLANT TREE(S) IN THE PLANTING STRIP**

WIDTH OF YOUR PLANTING STRIP \_\_\_\_\_ ARE THERE UTILITY WIRES OVERHEAD? YES  NO

THE NUMBER AND SPECIES OF THE TREES TO BE PLANTED \_\_\_\_\_

*(STC will provide a current list of suggested replacement trees. Replacement trees must be at least 2.5" caliper nursery stock shade trees. Properties located within the 3 blocks closest to the ocean should plant salt-tolerant trees.)*

\*Stumps in the Planting Strip must be removed to 8-12 inches below grade and backfilled to grade

**SECTION B - PERMIT TO REMOVE/PRUNE TREES** (Trees removed from the planting strip must be replaced.)

Reason for Removal/Pruning: \_\_\_\_\_

Application is  Approved  Denied

Notes/Comments to Applicant: \_\_\_\_\_

Planting strip dimensions: \_\_\_\_\_  
Species of tree(s) to be removed/pruned: \_\_\_\_\_

**For Official Use Only:**

Reviewed by \_\_\_\_\_ Shade Tree Commission:  
& date: \_\_\_\_\_ Code Enforcement: \_\_\_\_\_

Permit application and terms are pursuant to Belmar Ordinance 31-2.6. See 31-2 for additional details.

# Revise Permit Add a Private Property Option

DRAFT EXAMPLE



## Page 2 Private Property Tree Permit

Belmar Shade Tree Commission  
601 Main Street Belmar, NJ 07719

Application Number

Please answer the questions below on removal and planting to the best of your ability. No trees may be touched in any way without the approval of the Shade Tree Commission.

Property Owner:	Phone:
Site Address & block & lot # :	Email:
Contractor:	Phone:                      Email:

Removal		

Planting		

**Applicant, please describe the overall work to be performed; the location of the trees to be removed and/or planted as they relate to the overall landscape. This will be used by the Shade Tree Commission to access the Permit Application. Include a diagram of property trees to be removed and/or added. Please use available reference material as a guide.**

# Revise Permit Add a Reference Guide for Private Property Option

## **Reference Guide**

Indicate the trees to be removed and or planted and species if you are able.

Include a written description and a diagram of planting plan with removal and planting tree locations with species if able.

Tree species to be planted should be from the Belmar STC Preferred Tree List.

Plantings should not be in township right of way, over or under utilities lines. *(mark outs are required, dial 811 to obtain a mark out).*

Plantings should not be within any setback lines, property easements

Any questions contact Belmar Shade Tree Commission at  
or call the Belmar Borough office at 732-681-3700, X225 leave your phone # and  
the reason for your call and someone will gladly reply.

# In Review Next Steps

- Input, Thoughts, Ideas
- Stakeholder Presentation
  - Input & Comment
  - Reach Consensus, Support
- Implement Revised STC Business Process
  - Zoning, \$ Planning Board Update
  - Notification Tree Planting Companies
  - Community Notification
  - Permit Revision



## Belmar Shade Tree Expanded Mission

The Belmar Shade Tree Commission works to promote and provide to the Belmar community management guidance in accordance with the MS4 Stormwater Management Plan for a sustainable green infrastructure, healthy, safe trees and shrubbery within the borough to facilitate safe corridors along roadways and facilities, and homeowner *private property trees* throughout the Borough of Belmar and educate and influence proper tree care and stewardship in the Borough of Belmar. The Belmar Shade Tree Commission has the distinction of being a Tree City USA community.