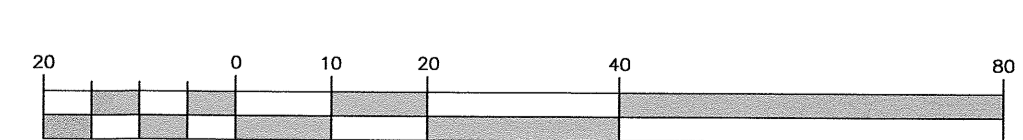


(D) - DENOTES TREES THAT ARE SEVERELY DAMAGED, DYING AND/OR DISEASED



Scale: 1" = 20'



Scale: 1" = 20'

TREE REMOVAL/REPLACEMENT NOTES:

1. Only Those Trees Necessary To Permit The Construction Of Buildings, Structures And Driveways Shall Be Removed.
2. Trees That Are Dead Or That Have Been Determined To Be In Severe Decline Are To Be Removed With No Replacement Value.
3. No More Than 10% Of The Existing Trees With A DBH Equal To Or Greater Than 10 Inches Within The Area Of Development/Limit Of Disturbance Shall Be Removed Unless The Applicant Shall Replace Trees In Accordance With The Borough Tree Replacement Schedule.
4. No Trees Are To Be Planted Between The Curb And Sidewalk, Within 25 Feet Of The Intersecting Curblines Of An Intersection Or Within 10 Feet Of A Driveway Apron. (§110-180.C)
5. No Soil Stockpiling, Storage Of Building Materials, Construction Equipment Or Vehicles Shall Be Permitted Within The Dripline Or Within 6 Feet Of Any Remaining Trees, Whichever Is Greater.
6. Any Clearing Within The Dripline Line, Or Within 6 Feet Of The Trunk Of A Remaining Tree, Whichever Is Greater, Shall Be Done By Hand-Operated Equipment.
7. Where A Tree That Has Been Noted For Preservation Is Severely Damaged And Unable To Survive, Tree Replacement Shall Occur.
8. Replacement Tree(s) Shall Be Of Nursery Grade Quality, Balled And Burlapped.
9. Newly Planted Trees Shall Be Monitored For A Period Of One Year To Ensure The Health Of The Trees. If The Replacement Trees Die Within The One Year Period, The Developer/Applicant Shall Replace The Dead Tree(s).
10. The Holder Of The Tree Removal Permit Shall Notify The Zoning Officer In Writing At Least Four Business Days In Advance Of When The Tree Removal Activity Will Commence.
11. In The Case Of The Removal Of Dead Or Diseased Trees, The Dead Or Diseased Trees Shall Not Be Turned Into Mulch And Applied To The Site But Shall Be Disposed Of In A Manner So As Not To Disease Other Trees On Site.

TREE REPLACEMENT REQUIREMENTS

| | |
|------------------------------------------------------------------------------------|------|
| Total Number Of On-Site Trees (6" or Greater) | 19* |
| Number Of Existing Trees 10" DBH And Greater Within Proposed Development Areas | 7** |
| Number Of Trees 10" DBH And Greater Within Proposed Development Area To Be Removed | 7* |
| Allowable Number Existing Trees 10" DBH And Greater To Be Removed @ 10% | 1*** |
| Total Number Of Replacement Trees Required (See Chart Below) | 20 |

* Excluding Dead, Dying or Trees In Severe Distress
 ** Excludes Existing Street Trees
 *** Allowable Tree Removal: One - 30" Tree

TREE REPLACEMENT CALCULATIONS

| EXISTING TREE SIZE | NUMBER REMOVED | REPLACEMENT VALUE | NUMBER TREES REQ'D. |
|------------------------------------------|----------------|-------------------|---------------------|
| 6"-12" | 4 | 3 | 12 |
| 12"-18" | 2 | 4 | 8 |
| 18"-24" | 0 | 5 | 0 |
| 24"-30" | 0 | 7 | 0 |
| 30"-36" | 0 | 0 | 0 |
| TOTAL REPLACEMENT TREES REQUIRED: | | | 20 |

STREET AND FRONT YARD REQUIREMENTS

STREET TREES REQUIRED:
 REQUIRED: ONE (1) STREET TREE PER 30-35 FT. FRONTAGE
 TOTAL STREET FRONTAGE 437.86 FT.
 TOTAL TREES REQUIRED AT 35 FT. 13
 EXISTING STREET TREES 9
 EXISTING STREET TREES TO BE REMOVED 5*
 EXISTING STREET TREES TO REMAIN 4
 ADDITIONAL STREET TREES PROPOSED 9

FRONT YARD TREES REQUIRED:
 REQUIRED: ONE (1) SHADE TREE AND ONE (1) FLOWERING TREE PER DWELLING
 TOTAL SHADE TREES REQUIRED 5
 TOTAL SHADE TREES TO REMAIN 1
 TOTAL SHADE TREES PROPOSED 2
 TOTAL FLOWERING TREES REQUIRED 3
 TOTAL FLOWERING TREES PROPOSED 3

* TO BE REMOVED FOR SIDEWALK CONSTRUCTION (Replacement Value 1:1)

SUMMARY:

| | |
|-------------------------------------------|----|
| TOTAL REPLACEMENT TREES REQUIRED | 20 |
| ADDITIONAL STREET TREES REQUIRED | 9 |
| TOTAL FRONT YARD SHADE TREES REQUIRED | 5 |
| TOTAL FRONT YARD FLOWERING TREES REQUIRED | 5 |

NOTE:

SEE "LANDSCAPE PLAN" FOR PROPOSED TREE PLANTING LOCATIONS

NOTE: THIS PLAN IS TO BE USED FOR TREE REMOVAL/REPLACEMENT CALCULATIONS ONLY.

TREE REMOVAL PLAN



THE STATE OF NEW JERSEY REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.
 1-800-272-1000

FLETCHER ENGINEERING, INC.
 CERTIFICATE OF AUTHORIZATION #24GA27917500
 ENGINEERS • SURVEYORS • PLANNERS
 P.O. Box 329 Fords, NJ 08863
 Phone 732-738-8809 • Fax 732-738-6727

Paul J. Fletcher 6/29/2020
PAUL J. FLETCHER, P.E., P.P. DATE
 PROFESSIONAL ENGINEER N.J. LIC. NO. 32041

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-----|
| 7. | REVISIONS PER JUNE 11, 2020 DRC MEETING | 6-23-20 | pjf |
| NO. | DATE | CHECKED | |
| PRELIMINARY & FINAL MAJOR SUBDIVISION PREPARED FOR LOT 95 IN BLOCK 141.01 (101 ROSE STREET) BOROUGH OF METUCHEN MIDDLESEX COUNTY NEW JERSEY | | | |
| FLETCHER ENGINEERING, INC. PROFESSIONAL LAND SURVEYING & PLANNING 940 AMBOY AVENUE, SUITE 101 • EDISON, NEW JERSEY 08837 TEL. 732-819-9199 FAX 732-819-9229 | | CERTIFICATE OF AUTHORIZATION NO. 24GA28110200 | |
| TAX MAP NO.: | DRAWN: | DATE: | |
| 46 | jwk | April 24, 2020 | |
| FILED MAP: | CHECKED: | SCALE: | |
| ----- | pjf/jwk | As Noted | |
| DEED: | PROJECT NO.: | SHEET NO.: | |
| 17682-1287 | ROSE | 6 of 8 | |