RIVERTON PHASE 1 TREE REMOVAL CALCULATIONS
STUDY PLOT SIZE (S.F.) = 50'X50' (2,500 S.F.)

STUDY TREE PLOT #2 (BLUE)
4-16" DIA. TREES = 7 TREES PER STUDY PLOT
1,125 SQ. FT. OF PROPOSED TREE REMOVAL / 2500 S.F. = 0.45 STUDY PLOTS
7 TREES PER STUDY PLOT (X) 0.45 = 3.15 TREES REMOVED
3.15 TREES REMOVED (X) 80% = 2.52 REPLACEMENT TREES NEEDED

24"-27" DIA. TREES = 1 TREE PER STUDY PLOT
1 TREE PER STUDY PLOT (X) 0.45 STUDY PLOTS = 0.45 TREES REMOVED
0.45 TREES REMOVED (X) 6 REPLACEMENT TREES = 2.7 REPLACEMENT TREES NEEDED

REPLACEMENT TREES REQUIRED BASED ON TREE PLOT AREA #2 = 6

RIVERTON PHASE 1 TREE REPLACEMENT CALCULATIONS	
TREE REMOVAL CALCULATIONS	**6**
TOTAL TREES REQUIRED	**6**
TOTAL TREES PROVIDED	**0**
TOTAL TREES DEFICIENT	**6**

TREE INVENTORY PLOT			
PLOT # 2	Common Name	Scientific Name	DBH (inches)
1	Scarlet Oak	*Quercus coccinea*	8.5
2	Blackgum	*Nyssa sylvatica*	5.5
3	Blackgum	*Nyssa sylvatica*	4.5
4	Scarlet Oak	*Quercus coccinea*	10
5	Chestnut Oak	*Quercus prinus*	15.5, 10.5
6	Sassafras	*Sassafras albidum*	5.0
7	Sassafras	*Sassafras albidum*	9.0
8	Blackgum	*Nyssa sylvatica*	5.0

** LOCATED IN UPLANDS ON BLOCK 157, LOT 34 TO THE WEST OF THE EXISTING CHURCH*

20 0 20 40
SCALE : 1" = 20'

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VICTORY SUBSTATION
SITE PLAN
FOR
SAYREVILLE SEAPORT ASSOCIATES

BLOCK 257.02, LOT 1.05

BOROUGH OF SAYREVILLE
MIDDLESEX COUNTY
NEW JERSEY

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AS SHOWN	8/3/2026	RM	DB
PROJECT NUMBER:	DRAWING NAME:		
05000500F	C-GRAD-SUB-STATION		

SHEET TITLE:
TREE PRESERVATION PLAN

SHEET NUMBER:
1 of 1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

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