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UTILITY POLE PERIMETER FENCE PROPOSED TREE LINE DELINEATED WETLAND PERVIOUS GRAVEL ROAD WILLOW HEDGE LANDSCAPE SCREENING TREE



SITE PLAN NOTES:

ZONING DISTRICT: (R2) RESIDENTIAL

TAX MAP I.D.: 124.-5-9.11

TOTAL PARCEL SIZE: 25.4± AC

PROPOSED FENCE AREA: 9.5± AC (38.9% OF PARCEL)

PROPOSED ARRAY ENVELOPE: 7.0 ± AC (27.7% OF PARCEL)

PROPOSED LOT COVERAGE BY SOLAR PANELS: 3.1± AC (12.2% OF PARCEL)

NEW STONE ACCESS ROAD: 1,500± LF, 35,165± SQ. FT.

TOTAL TREE CLEARING: 3.0± AC

PROJECT SUMMARY NAME PLATE RATING 3.3 MW AC MAX UTILITY TERRITORY NYSEG UTILITY LOAD ZONE SUBSTATION WYNANTSKILL 1203302 CIRCUIT (4,810) JINKO JKM580M-78HL4 PV MODULES (22) SMA PEAK3-150 150kW INVERTERS



-PERIMETER FENCE

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> -SHRUB WILLOW HEDGE CONSISTING OF A RAPID-GROWING SHRUB WILLOW SPECIES MIX SUITABLE TO SPECIFIC SITE CONDITIONS. CUTTINGS PLANTED 2' O.C., DOUBLE-ROW SPACED 3' APART. MULCH AROUND PLANTINGS WITH WOOD CHIPS. COPPICING AFTER FIRST YEAR GROWTH MAY OCCUR.



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BAR SCALE 100 0 50 100 200		Z	3		
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1 inch = 100 ft.		Z	<u>金</u>		
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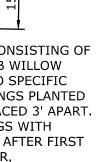
NOTES:

- 1. EXISTING CONDITIONS BASED ON AVAILABLE TAX MAPPING, GIS DATA, NYSDEC ENVIRONMENTAL MAPPING, AND SITE OBSERVATIONS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE.
- DIG SAFELY NEW YORK (PHONE 800-962-7962 / PHONE 811 / <u>WWW.DIGSAFELYNEWYORK.COM</u>) SHALL BE NOTIFIED PRIOR TO BE CONDUCTING ANY TEST BORINGS, EXCAVATION OR CONSTRUCTION. UTILITY MARK-OUTS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- 3. SITE REGRADING SHALL BE LIMITED TO THE RESTORATION OF DISTURBED AREAS CREATED DURING THE INSTALLATION OF THE SOLAR ENERGY SYSTEM COMPONENTS AND PERVIOUS GRAVEL ACCESS ROAD. PER THE NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS ALL DISPLACED TOPSOIL OBTAINED DURING CONSTRUCTION SHALL BE STOCKPILED IN THE DESIGNATED STOCKPILE AREA. STOCKPILED TOPSOIL SHALL BE USED IN THE RESTORATION OF DISTURBED AREAS AND ANY REMAINING TOPSOIL SHALL BE EVENLY SPREAD WITHIN THE PROJECT DISTURBANCE LIMITS. THE DISBURSEMENT OF THE TOPSOIL SHALL BE COMPLETED AT THE CONTRACTOR'S DISCRETION AND SHALL NOT ALTER THE SLOPE OF HYDROLOGY OF THE AREA.

WETLAND NOTES:

- 1. A PRELIMINARY WETLAND/WATERCOURSE DELINEATION WAS COMPLETED BY C. T. MALE ASSOCIATES IN JANUARY 2024 AND A FULL DELINEATION SHALL BE COMPLETED IN SPRING 2024 IN ACCORDANCE WITH THE 1987 U.S. ARMY CORPS OF ENGINEERS (CORPS) WETLAND DELINEATION MANUAL AND THE NORTHCENTRAL AND NORTHEAST REGIONAL SUPPLEMENT, AS WELL AS THE NYSDEC FRESHWATER WETLAND DELINEATION MANUAL DATED JULY 1995. LABELED FLAGGING SHALL BE SET IN THE FIELD AND LOCATED WITH A TRIMBLE GEO7X GPS UNIT.
- 2. PRIOR TO CONSTRUCTION ALL WETLANDS SHALL BE STAKED OUT AND OR REFLAGGED THEN ORANGE CONSTRUCTION FENCING WITH POSTED SIGNAGE "WETLANDS KEEP OUT" EVERY 200' SHALL BE INSTALLED AS DEPICTED. SECTIONS OF THE ORANGE CONSTRUCTION FENCING MAY BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PERIMETER FENCING, LANDSCAPING, SOLAR ARRAY COMPONENTS, AND TREE CLEARING/BRUSH REMOVAL AS SHOWN BUT SHALL BE REPLACED UPON COMPLETION OF THESE TASKS. THE CONTRACTOR SHALL MAINTAIN THE ORANGE CONSTRUCTION FENCING FOR THE DURATION OF CONSTRUCTION.
- 3. TIMBER MATTING SHALL BE UTILIZED IN AREAS OF PONDED WATER OR SATURATED AREAS WITHIN THE WETLAND DURING CONSTRUCTION TO LIMIT TEMPORARY DISTURBANCE OF THE WETLAND. ONCE CONSTRUCTION ACTIVITIES ARE COMPLETED TIMBER MATTING SHALL BE REMOVED FROM THE WETLANDS.
- 4. TREE CLEARING WITHIN THE LIMITS OF THE WETLANDS SHALL BE COMPLETED WITHOUT THE USE OF MECHANIZED EQUIPMENT, CUTTING SHALL BE AT OR ABOVE GRADE WITHOUT THE REMOVAL OF STUMPS. ALL "EXCESS" VEGETATION WILL BE REMOVED FROM THE WETLAND AREAS. NO MORE THAN A THIN LAYER OF MULCH WILL BE SPREAD OVER THE PRESERVED WETLAND SOIL.
- 5. NO FILL MATERIAL SHALL BE DISCHARGED TO THE WETLANDS.





PLANTING SCHEDULE

TREE TYPE/MIX	ESTIMATED QTY.	TREE TYPE	SPACING	PLANTING HEIGHT
EVERGREEN MIX	38±	WHITE SPRUCE NORWAY SPRUCE	10' O.C.	5 FT. TO 8 FT.

SPRUCE LANDSCAPE SCREENING SCALE: NONE C-101

CROSS REFERENCE: NONE

SKETCH PLAN

