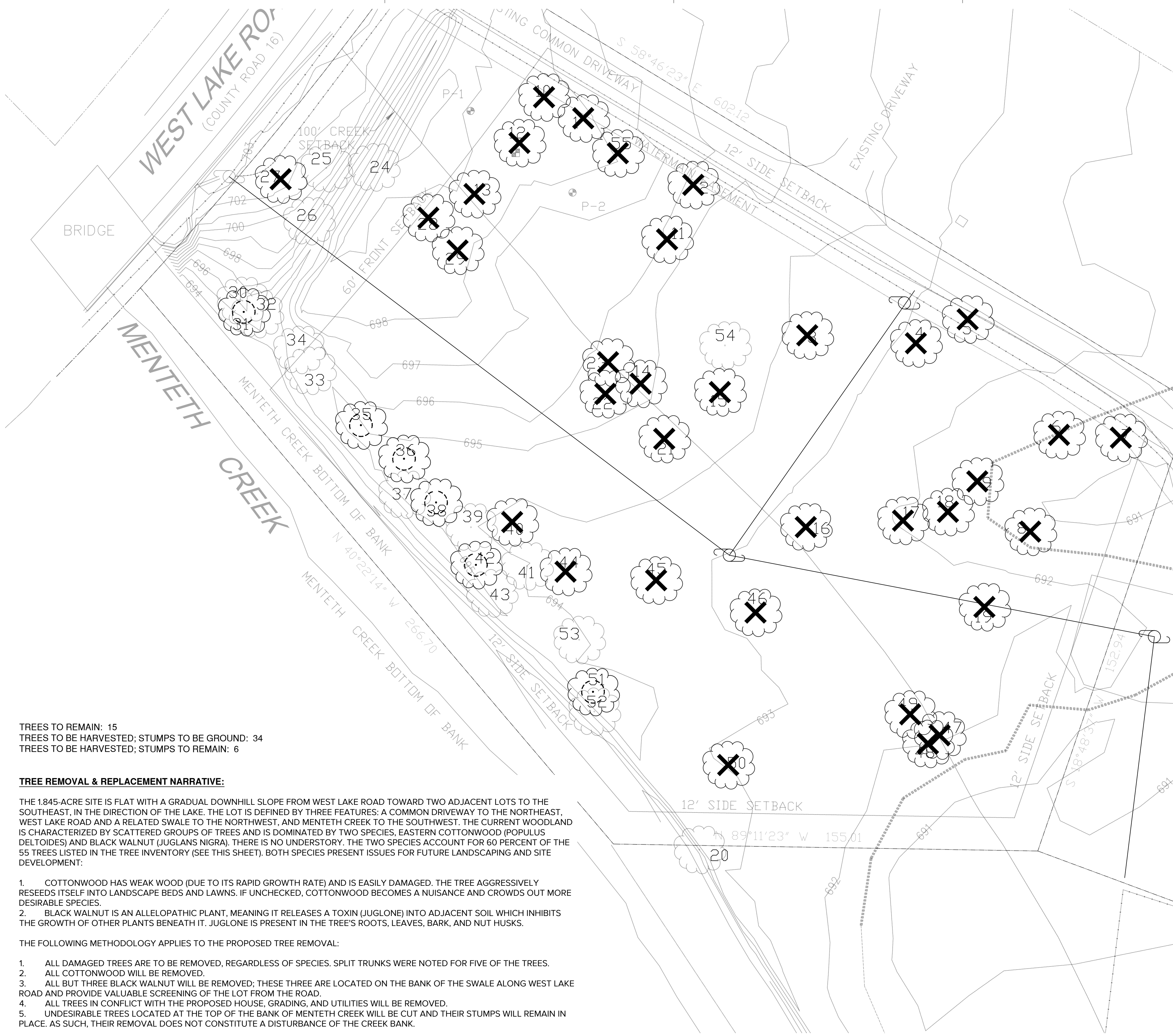


<p align="center"><b>PROPOSED CONDITIONS</b></p> <p align="center"><b>SITE, UTILITY AND GRADING PLAN</b></p> <p align="center"><i>5272 MENTETH DRIVE</i></p> <p align="center"><i>TOWN OF CANANDAIGUA, ONTARIO COUNTY, NEW YORK STATE</i></p>			
<p><b>PROFESSIONAL</b></p> <p align="center"><b>ENGINEERING GROUP</b></p> <p align="center">7171 VICTOR - PITTSFORD ROAD VICTOR, NEW YORK 14564</p>			<p>CLIENT: SCHOTTILAND CHOSEN SPOT, LLC. 4171 NORTH MENTETH DR. CANANDAIGUA, NY 14424</p>
<p>TEL. (585) 924-1860 EMAIL: PROENGINEER1@PRODIGY.NET</p>			<p>TAX ACCOUNT NO. 140.11-1-21.110</p>
DATE: FEB. 2022	ENGINEER: SAH	SURVEYOR: JHM	SCALE: 1" = 30'
			<p>SHEET NO.: 2 OF 5 DRAWING NO.: 220209SDP1</p>





TREES TO REMAIN: 15  
TREES TO BE HARVESTED; STUMPS TO BE GROUND: 34  
TREES TO BE HARVESTED; STUMPS TO REMAIN: 6

**TREE REMOVAL & REPLACEMENT NARRATIVE:**

THE 1.845-ACRE SITE IS FLAT WITH A GRADUAL DOWNHILL SLOPE FROM WEST LAKE ROAD TOWARD TWO ADJACENT LOTS TO THE SOUTHEAST, IN THE DIRECTION OF THE LAKE. THE LOT IS DEFINED BY THREE FEATURES: A COMMON DRIVEWAY TO THE NORTHEAST, WEST LAKE ROAD AND A RELATED SWALE TO THE NORTHWEST, AND MENTETH CREEK TO THE SOUTHWEST. THE CURRENT WOODLAND IS CHARACTERIZED BY SCATTERED GROUPS OF TREES AND IS DOMINATED BY TWO SPECIES, EASTERN COTTONWOOD (POPULUS DELTOIDES) AND BLACK WALNUT (JUGLANS NIGRA). THERE IS NO UNDERSTORY. THE TWO SPECIES ACCOUNT FOR 60 PERCENT OF THE 55 TREES LISTED IN THE TREE INVENTORY (SEE THIS SHEET). BOTH SPECIES PRESENT ISSUES FOR FUTURE LANDSCAPING AND SITE DEVELOPMENT:

1. COTTONWOOD HAS WEAK WOOD (DUE TO ITS RAPID GROWTH RATE) AND IS EASILY DAMAGED. THE TREE AGGRESSIVELY RESEEDS ITSELF INTO LANDSCAPE BEDS AND LAWNS. IF UNCHECKED, COTTONWOOD BECOMES A NUISANCE AND CROWDS OUT MORE DESIRABLE SPECIES.
2. BLACK WALNUT IS AN ALLELOPATHIC PLANT, MEANING IT RELEASES A TOXIN (JUGLONE) INTO ADJACENT SOIL WHICH INHIBITS THE GROWTH OF OTHER PLANTS BENEATH IT. JUGLONE IS PRESENT IN THE TREE'S ROOTS, LEAVES, BARK, AND NUT HUSKS.

THE FOLLOWING METHODOLOGY APPLIES TO THE PROPOSED TREE REMOVAL:

1. ALL DAMAGED TREES ARE TO BE REMOVED, REGARDLESS OF SPECIES. SPLIT TRUNKS WERE NOTED FOR FIVE OF THE TREES.
2. ALL COTTONWOOD WILL BE REMOVED.
3. ALL BUT THREE BLACK WALNUT WILL BE REMOVED; THESE THREE ARE LOCATED ON THE BANK OF THE SWALE ALONG WEST LAKE ROAD AND PROVIDE VALUABLE SCREENING OF THE LOT FROM THE ROAD.
4. ALL TREES IN CONFLICT WITH THE PROPOSED HOUSE, GRADING, AND UTILITIES WILL BE REMOVED.
5. UNDESIRABLE TREES LOCATED AT THE TOP OF THE BANK OF MENTETH CREEK WILL BE CUT AND THEIR STUMPS WILL REMAIN IN PLACE. AS SUCH, THEIR REMOVAL DOES NOT CONSTITUTE A DISTURBANCE OF THE CREEK BANK.

IN ALL, 34 TREES WILL BE REMOVED AND THEIR STUMPS GROUND. SIX WILL BE CUT AND THEIR STUMPS LEFT IN PLACE. FIFTEEN TREES WILL REMAIN. ELEVEN NEW TREES ARE PROPOSED FOR THE SITE (SEE SHEET 4 OF 5 THIS SET).

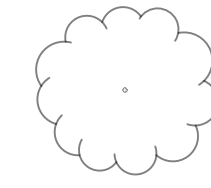
**TREE INVENTORY:**

**NUMBER:**

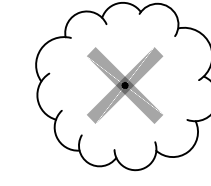
**TREE DESCRIPTION:**

1	BLACK WALNUT 15-20"
2	BLACK WALNUT 15-20"
3	BLACK WALNUT 24-30"
4	BLACK WALNUT 20-24"
5	BLACK WALNUT 13-18"
6	BLACK WALNUT 20-25"
7	BLACK WALNUT 15-20"
8	BLACK WALNUT 20-24"
9	BLACK WALNUT 28-32" (SPLIT TRUNK)
10	BLACK WALNUT 12-18"
11	BLACK WALNUT 24-30"
12	BLACK WALNUT 15-20"
13	EASTERN COTTONWOOD 24-28" (SPLIT TRUNK)
14	BLACK WALNUT 20-24"
15	BLACK WALNUT 12-15"
16	AMERICAN ELM 12-15"
17	BLACK WALNUT 15-19"
18	AMERICAN SYCAMORE 24-30"
19	BLACK WALNUT 28-32"
20	BLACK WALNUT 20-24" - MISSING
21	BLACK WALNUT 30-36" (SPLIT TRUNK)
22	AMERICAN ELM 15-18"
23	AMERICAN ELM 10-12"
24	SUGAR MAPLE 8-12"
25	SUGAR MAPLE 12-15"
26	BLACK WALNUT 20-24"
27	BLACK WALNUT 30-36" (SPLIT TRUNK)
28	BLACK WALNUT 20-24"
29	BLACK WALNUT 20-24"
30	AMERICAN SYCAMORE 30-36"
31	SUGAR MAPLE 18-22" (SPLIT TRUNK)
32	SUGAR MAPLE 18-20"
33	SUGAR MAPLE 12-18"
34	SUGAR MAPLE 20-24"
35	EASTERN COTTONWOOD 36-42"
36	EASTERN COTTONWOOD 24-28"
37	SUGAR MAPLE 18-20"
38	BLACK WALNUT 30-34"
39	AMERICAN ELM 20-24"
40	BLACK WALNUT 18-24"
41	SUGAR MAPLE 15-20"
42	BLACK WALNUT 20-24"
43	AMERICAN ELM 8-10"
44	AMERICAN ELM 12-16"
45	BLACK WALNUT 32-38"
46	AMERICAN SYCAMORE 24-28"
47	SUGAR MAPLE 10-12"
48	BLACK WALNUT 18-22"
49	AMERICAN ELM 20-25"
50	BLACK WALNUT 24-28"
51	EASTERN COTTONWOOD 18-24"
52	SUGAR MAPLE 12-15"
53	BLACK MAPLE 24-28"
54	AMERICAN ELM 12-18"
55	EASTERN COTTONWOOD 32-40"

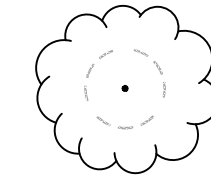
**KEY:**



EXISTING TREE TO REMAIN



EXISTING TREE TO BE HARVESTED; STUMP TO BE GROUND



EXISTING TREE TO BE HARVESTED; STUMP TO REMAIN

**GENERAL NOTES:**

1. EXISTING BASE INFORMATION DERIVED FROM AUTOCAD BASED PROVIDED TO RPK ON 2/17/2022 PERFORMED BY THE PROFESSIONAL ENGINEERING GROUP.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL AREAS WITHIN SCOPE OF WORK PRIOR TO START OF LANDSCAPE CONSTRUCTION. CONTACT THE LANDSCAPE ARCHITECT, THE OWNER, OR OWNER'S REPRESENTATIVE IMMEDIATELY TO REVIEW AND APPROVE ANY FIELD ISSUES DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIAL AND CONSTRUCTION QUALITY ASSURANCES AND WARRANTIES.
4. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. ANY DAMAGE OCCURRING TO UTILITIES OR PROPERTY DURING EXCAVATION AND CONSTRUCTION WILL BE REPAIRED AT CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR WILL SUBMIT PRODUCT DATA AND SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DEMOLITION PERMITS FROM THE MUNICIPALITY AS NECESSARY. TO ALSO INCLUDE ANY NECESSARY PERMITTING FOR TRAFFIC REDIRECTION AND DISRUPTION.
7. THE CONTRACTOR SHALL MAINTAIN SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES THROUGHOUT THE CONSTRUCTION PROCESS.



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Δ	DATE	DESCRIPTION

PROJECT NAME

SCHOTTLAND RESIDENCE

5272 MENTETH DRIVE  
CANANDAIGUA, NEW YORK

DRAWN BY

AJM

CHECKED BY

RPK

ISSUE DATE

MAY 20, 2022

JOB NUMBER

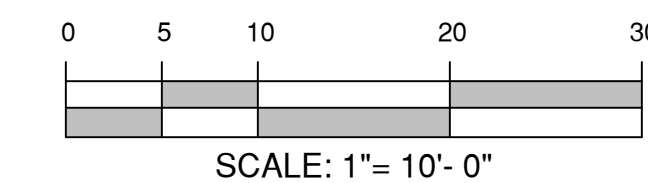
SHEET NAME

TREE REMOVAL  
PLAN

SHEET NUMBER

3 OF 5

# 1. TREE REMOVAL PLAN



CALL DIG SAFE BEFORE YOU DIG IN NEW YORK '811





1. TREE REPLACEMENT & STREAM BANK PLANTINGS PLAN

CALL DIG SAFE BEFORE YOU DIG IN NEW YORK \*811

CANANDAIGUA LAKE SHORELINE DEVELOPMENT GUIDELINES STATEMENT :

GIVEN THE PROPOSED PROJECT'S LOCATION BEHIND OTHER DEVELOPED LOTS ALONG THE CANANDAIGUA LAKE SHORELINE, THE PROPOSED PROJECT IS ALIGNED WITH THE CANANDAIGUA LAKE SHORELINE DEVELOPMENT GUIDELINES. THE PROJECT IMPROVEMENTS ARE DESCRIBED BELOW. PLEASE SEE THE ATTACHED SITE CIVIL AND PLANTING PLANS.

PROJECT DESCRIPTION:

THE PROJECT INCLUDES A PROPOSED TWO-STORY HOUSE, A PRIVATE DRIVEWAY FACING MENTETH DRIVE, RELATED UTILITIES, LANDSCAPE PLANTINGS, AND SEEDING OF ALL DISTURBED AREAS. WITHIN THE LOT, OVERHEAD POWER LINES WILL BE REPLACED WITH UNDERGROUND ELECTRIC. LEACHING CHAMBERS WILL BE LOCATED CLOSER TO THE INTERSECTION OF MENTETH DRIVE AND WEST LAKE ROAD. A DRY SWALE WILL BE PROVIDED ON THE WEST AND SOUTH SIDES OF THE PROPOSED HOUSE FOR WATER QUALITY TREATMENT. THE PROPOSED HOME IS LOCATED ON A WOODED LOT BEHIND FOUR DEVELOPED SHORELINE PARCELS. THESE PARCELS AT MENTETH POINT INCLUDE PRIMARY STRUCTURES, OUTBUILDINGS, AND EXISTING LANDSCAPE. THE PROJECT PARCEL IS NOT A SHOREFRONT PROPERTY. AS A RESULT, THE VISIBILITY FROM THE LAKE IS VERY LIMITED.

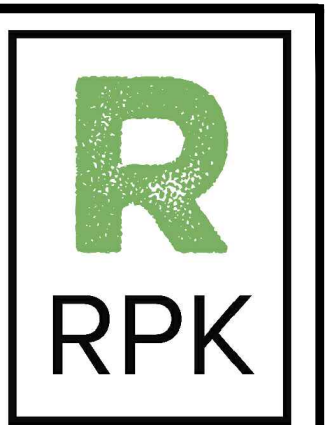
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3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIAL AND CONSTRUCTION QUALITY ASSURANCES AND WARRANTIES.
4. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. ANY DAMAGE OCCURRING TO UTILITIES OR PROPERTY DURING EXCAVATION AND CONSTRUCTION WILL BE REPAIRED AT CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR WILL SUBMIT PRODUCT DATA AND SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DEMOLITION PERMITS FROM THE MUNICIPALITY AS NECESSARY. TO ALSO INCLUDE ANY NECESSARY PERMITTING FOR TRAFFIC REDIRECTION AND DISRUPTION.
7. THE CONTRACTOR SHALL MAINTAIN SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES THROUGHOUT THE CONSTRUCTION PROCESS.

PLANTING NOTES:

- A. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT AND MATERIAL QUANTITIES PRIOR TO BIDDING AND PROCUREMENT.
- B. FIRST REPURPOSE ALL FILL FROM LANDSCAPE CONSTRUCTION FOR PLANTING OPERATIONS. ALL IMPORTED FILL FOR USE IN PLANTING BEDS WILL BE UNSCREENED TOPSOIL WITH COMPOST ADDED AT A RATE OF APPROX. 1.5 CU. FT. PER 1 CU. YD. OF TOPSOIL.
- C. LANDSCAPE ARCHITECT WILL APPROVE ALL PLANT MATERIALS PRIOR TO INSTALLATION.
- D. ALL WOODY PLANTS WILL BE OBTAINED FROM NURSERY SOURCE(S) WITH SIMILAR CLIMATE AND SOIL CONDITIONS AS THE PROJECT SITE.
- E. ALL MATERIALS WILL BE PLANTED AS PER DETAILS PROVIDED.
- F. ALL WOODY PLANT MATERIALS (TREES & SHRUBS) WILL BE PROVIDED WITH A 2-YEAR WARRANTY, AND ALL OTHER PLANT MATERIALS WITH A 1-YEAR WARRANTY.
- G. ALL PLANT MATERIALS WILL BE WATERED AT THE TIME OF INSTALLATION.
- H. PROVIDE 3" LAYER OF UNDYED, TRIPLE-GROUND HARDWOOD MULCH IN DARK BROWN COLOR TO ALL PLANTING BEDS, UNLESS OTHERWISE NOTED.
- I. ALL PLANTS PROVIDED SHALL BE STRAIGHT SPECIES OR NON-STERILE CULTIVARS, UNLESS OTHERWISE NOTED ON PLANT SCHEDULE.
- J. CONTRACTOR SHALL PROVIDE A NATURAL SPADED-EDGE BED LINE TO ALL PLANTING AREAS, UNLESS OTHERWISE NOTED.
- K. **WATERING BAGS: ALL NEWLY PLANTED TREES SHALL BE PROVIDED EACH WITH AN APPROPRIATELY-SIZED 'TREEDIAPER' BY ZYNNOVATION LLC. OR APPROVED EQUAL. CONTRACTOR SHALL PRE-SOAK TREEDIAPERS TO FILL, UPON INSTALLATION. INSTALL TREEDIAPERS AS PER MANUFACTURER'S INSTRUCTIONS AND COVER WITH MULCH.**
- L. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANT MATERIALS (INCLUDING BUT NOT LIMITED TO WATERING, SPRAYING, MULCHING, FERTILIZING ETC.) AND LAWN AREAS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE OWNER OR OWNER'S REPRESENTATIVE.

PLANT SCHEDULE						
TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
	AG	4	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' / 'AUTUMN BRILLIANCE' SERVICEBERRY CLUMP FORM	B&B	MULTI	8-10' HT.
	CCA	2	CERCIS CANADENSIS 'ALBA' / WHITE EASTERN REDBUD	B&B	1.75- 2"	
	NS	1	NYSSA SYLVATICA / BLACK TUPELO	B&B	2- 2.5"	
	PAS	5	PLATANUS OCCIDENTALIS / AMERICAN SYCAMORE	B&B	2- 2.5"	
	QB	2	QUERCUS BICOLOR / SWAMP WHITE OAK	B&B	1.75- 2"	8- 10' HT.
	TRL	3	TILIA AMERICANA 'REDMOND' / REDMOND AMERICAN LINDEN	B&B	2- 2.5"	
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	
	CP	13	CEPHALANTHUS OCCIDENTALIS 'SUGAR SHACK' / BUTTONBUSH	#5 CONT.		
	CC	30	CLETHRA ALNIFOLIA 'CALEB' / VANILLA SPICE	#7 CONT.		
	CS	28	CORNUS STOLONIFERA 'ARCTIC FIRE' / ARCTIC FIRE DOGWOOD	#5 CONT.		
	PHY COP	3	PHYSOCARPUS OPULIFOLIUS 'COPPERTINA' / COPPERTINA NINEBARK	#7 CONT.		



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SCHOTTLAND RESIDENCE

5272 MENTETH DRIVE

CANANDAIGUA, NEW YORK

DRAWN BY	AJM
CHECKED BY	RPK
ISSUE DATE	MAY 20, 2022
JOB NUMBER	
SHEET NAME	TREE REPLACEMENTS STREAM BANK PLANTS

SHEET NUMBER



5 OF 5 22020907