

MECHANICSVILLE



- ### TREE PROTECTION NOTES
- Proposed methods, and schedule for effecting tree and plant protection shall be submitted for approval.
 - Proposed methods, materials, and schedule for root pruning, construction pruning, and tree fertilization shall be submitted for approval.
 - Certain specimen trees adjacent to construction areas and in other key locations will be identified by the Owner and the Architect, and marked with red tags. Loss of any of these trees will result in fines assessed at \$5,000 per tree. Damage to all other trees on the property will be assessed at the rate of \$500 per inch caliper of the tree. A fine of \$1,000 will be levied against the Contractor for each incident of construction inside tree protection areas.
 - Damage to trees, shrubs, and other vegetation will be assessed by the Architect and Owner in accordance with the International Society of Arboriculture (ISA) Guide.
 - Trees or roots visibly damaged will cause the Owner to withhold from the Contractor an assessed amount conforming to the requirements stipulated above for a period of two years. After that period the impact of the damaged to any tree will be assessed accordingly.
 - If any trees or shrubs designated to be saved are damaged and replacement is required, a number and diameter of trees or shrubs of the same species and variety, as specified by the Owner and Architect, shall be furnished and planted by the Contractor. The total inch diameter of the replacement trees or shrubs shall equal the diameter of the tree or shrub to be replaced. The Contractor shall not be liable for any loss or damage which occurs while the Contractor is complying with instructions given by the Owner, Architect, or arborist working on the Project. The Contractor's attention is called to the fact that certain areas on the site exist as natural woodlands and are to remain as natural woodlands. Therefore, all construction operations must be performed in such a manner, which will preserve these existing natural environments as wood preserves.
 - Designated areas of trees, understorey, and wildflowers are to remain untouched and unharmed.
 - Clearly mark all clearing limits in the field and accompany Architect on a joint review of clearing limits before clearing operations have commenced. Limit of clearing is generally defined as the limit of grading.
 - Galvanized chain link fencing, 4 feet high. Stakes for fencing shall be 8 feet galvanized steel posts, driven a minimum of 3 feet into the ground. Posts shall be spaced 10 feet on center maximum.
 - Prior to start of demolition work and clearing and grubbing operations, tree protection fencing shall be installed in accordance with the following:
 - Fencing shall be installed at the tree protection areas indicated on the Drawings.
 - Fencing shall be installed a minimum of 15 feet beyond the drip line of the trees to be protected, unless otherwise approved by the Architect.
 - Where construction will be in close proximity to existing trees designated to remain, roots shall be pruned. Proximity shall be as determined in the field by the Landscape Architect or Arborist.
 - Suitable means for root pruning include trenching, vibrating slow, and water jet pruning. Any method which tears roots or disturbs the soil beyond the grading limit is unacceptable.
 - Trees to receive root pruning shall be reviewed by an arborist for canopy pruning, fertilization and trench backfill recommendations.
 - Selective clearing within tree protection areas shall only be performed when and as directed by the Landscape Architect. Refer to Section 02115, selective clearing.
 - Except as otherwise indicated or requested by Landscape Architect, temporary protection devices and facilities installed during course of the work shall be removed only after all work which may injure or damage trees and plants is completed.
- ### PLANTING NOTES
- All plant material in the plant schedule shall be nursery grown in accordance with ANSI in accordance with Z.60.I Standards for measurement of nursery stock.
 - All plants shall be guaranteed by the Contractor for a period of one year from date of receipt of Provisional Acceptance of the completed installation by the Owner.
 - Replacement plantings will be required prior to Final Acceptance for any plants which are missing, not true to specifications, have died or are unhealthy or uncharacteristic of the species (due to excessive pruning, dieback or other reasons).
 - All plant materials shall be selected and tagged at the nursery by Landscape Architect.
 - The Landscape Architect's approval is required for any plant material substitutions.
 - The Contractor is responsible for immediately notifying the Landscape Architect if any plant quantity discrepancies exist between the planting plan and the plant list.
 - All shrubs and trees will be sprayed with the anti-desiccant "Wilt-Pruf" (or approved equal) prior to the first Winter (no later than November 30).
 - The Landscape Contractor shall have the General Contractor locate all underground utilities in areas to be landscaped prior to commencing any excavation. Adjustments to tree locations will be allowed where utility conflicts are clearly a problem and with prior site approval by Landscape Architect.
 - All plant bed, shrub and tree location shall be staked in the field by Contractor for Landscape Architects approval prior to installation.
 - Adjustments to plant beds shall be approved by Landscape Architect. General Contractor is responsible for all erosion control measures during construction.
 - All disturbed areas are to be topsoiled and seeded or sodded, as indicated in the planting plan.
 - Mulch shall consist of double-shredded hardwood mulch or approved equal and Contractor is responsible for providing samples of mulch to Landscape Architect. Mulch plant materials as shown on plan and details.
 - It is the intent of this contract to avoid any disturbance to existing trees or shrubs on site other than those specifically designated for transplant or removal.
 - Liquidated damages for trees damaged by construction operation shall be \$500 per caliper inch. Shrubs shall be \$100 each.
 - During construction, and until the end of warranty period, existing trees that are showing signs of stress as determined by the Landscape Architect are to be deep root fertilized, two injections per caliper inch per tree at 18" - 24" depth with Peter's 20/20/20 fertilizer or Landscape Architect approved equal. Contractor is responsible for verifying and confirming all plant counts as supplied by the Landscape Architect with field conditions as constructed. Any discrepancies shall be reported to Landscape Architect for approval and direction.
 - Tree transplanting shall be performed by a suitable hydraulic tree spade, sized as necessary to perform the work.
 - Prior to commencement of any construction, all existing trees to remain shall receive tree protection fence at outer edge of dripline whenever possible.

ISSUED FOR PERMIT

REVISION NO.	DESCRIPTION	DATE
1	TOWN COMMENT RESPONSE	04.12.2023

PLANT SCHEDULE					
KEY	QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING
DECIDUOUS TREES					
AF	14	Acer x freemanii 'Autumn Blaze'	AUTUMN BLAZE FREEMAN MAPLE	2'-2.5" CAL.	AS SHOWN
AS	8	Acer saccharum 'Green Mountain'	GREEN MOUNTAIN SUGAR MAPLE	2'-2.5" CAL.	AS SHOWN
BN	8	Betula nigra 'Heritage' (single stem)	HERITAGE RIVER BIRCH	2'-2.5" CAL.	AS SHOWN
QB	11	Quercus bicolor	SWAMP WHITE OAK	2'-2.5" CAL.	AS SHOWN
UA	8	Ulmus x 'Accolade'	ACCOLADE ELM	2'-2.5" CAL.	AS SHOWN
ORNAMENTAL TREES					
MA	11	Malus 'Donald Wyman'	DONALD WYMAN CRABAPPLE	2'-2.5" CAL.	AS SHOWN
MS	6	Magnolia stellata 'Centennial Blush'	CENTENNIAL BLUSH MAGNOLIA	2'-2.5" CAL.	AS SHOWN
EVREGREEN TREES					
PS	5	Pinus strobus	EASTERN WHITE PINE	6'-8' HT.	AS SHOWN
SHRUBS					
AM	14	Aronia melanocarpa 'Iroquois Beauty'	IROQUOI BEAUTY CHOKECHERRY	5 GAL.	AS SHOWN
CS	24	Cornus sericea 'Allman's Compacta'	DWARF RED-TWIG DOGWOOD	3 GAL.	AS SHOWN
HV	10	Hamamelis virginiana	WITCHHAZEL	5 GAL.	AS SHOWN

LANDSCAPE BUDGET REQUIREMENTS:

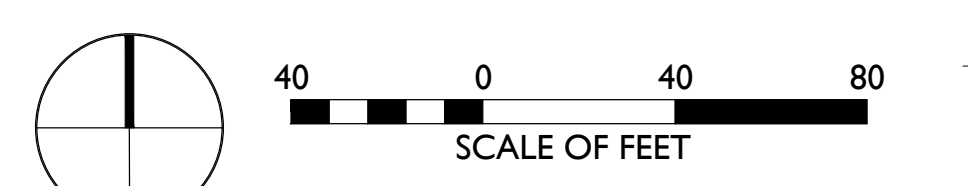
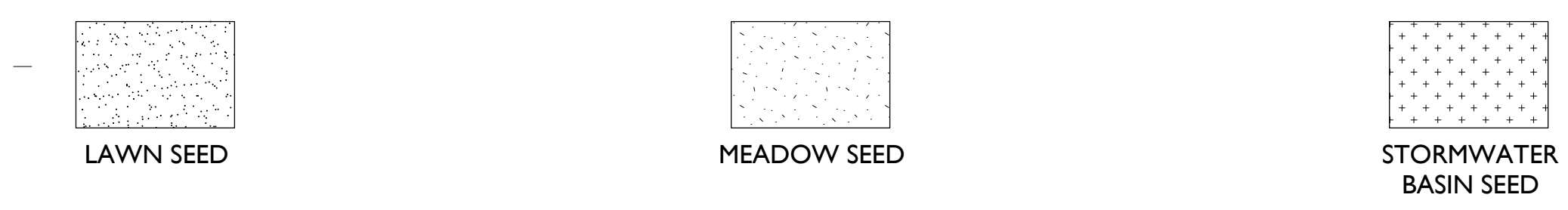
TOTAL ESTIMATED DEVELOPMENT COSTS (ROAD/UTILITIES/HOMES): \$4,728,000

TOTAL MINIMUM LANDSCAPE BUDGET : Total landscaping improvement cost (not including cost to develop the plan) shall be no less than 3% of the first \$250,000 in construction and site improvement cost, plus an additional 2% of the next \$250,000 in construction and site improvement cost, plus an additional 1% of the remaining construction and site improvement cost over \$500,000. (\$7,500+\$5,000+\$42,280) = \$54,780

TOTAL ESTIMATED LANDSCAPE COST: \$62,300

NOTE : HOUSES, DRIVEWAYS, AND LANDSCAPING ON INDIVIDUAL LOTS IS REPRESENTATIVE AND SUBJECT TO CHANGE.

TOTAL BUDGET REQUIRED BY TOWN OF HINESBURG					\$54,780.00
Item	Quantity	Unit	Unit Cost	Unit Total	Sub-total
PLANTING					
Acer x freemanii 'Autumn Blaze'; 2'-2.5" Cal.	14	EA	\$800.00	\$11,200.00	
Acer saccharum 'Green Mountain'; 2'-2.5" Cal.	8	EA	\$800.00	\$6,400.00	
Betula nigra 'Heritage' (single stem); 2'-2.5" Cal.	8	EA	\$800.00	\$6,400.00	
Magnolia stellata 'Centennial Blush'; 5'-6" B&B	6	EA	\$800.00	\$4,800.00	
Malus 'Donald Wyman'; 2'-2.5" Cal.	11	EA	\$800.00	\$8,800.00	
Quercus bicolor; 2'-2.5" Cal.	11	EA	\$800.00	\$8,800.00	
Ulmus x 'Accolade'; 2'-2.5" Cal.	8	EA	\$800.00	\$6,400.00	
Pinus strobus; 6'-8" B&B	5	EA	\$700.00	\$3,500.00	
5 Gal. Shrubs	24	EA	\$150.00	\$3,600.00	
3 Gal. Shrubs	24	EA	\$100.00	\$2,400.00	
Planting Subtotal					\$62,300.00
TOTAL					\$62,300.00



LASTER PROPERTY
MECHANICSVILLE ROAD
HINESBURG, VT 05461

LANDSCAPE PLAN

JOB NO. 20-121
SCALE: 1"=40'-00"
DRAWN BY: CS
DATE: 03.01.2023

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