		REVISIONS:					23-28 Creek Drive			
Э.	DATE DESCRIPTION		PLANT SCHEDULE		HEDULE	PHASE ONE	Beacon			
	12/25/18	REVISED PER PLANNING BOARD COMMENTS	AJS	Created and	compiled by D	Adamsons December 15 2018				
	02/22/19	REVISED PER PLANNING BOARD COMMENTS	AJS	QUANTITY	KEY	BOTANIC NAME	COMMON NAME	SIZE	Planting Time	AREA
	03/26/19	REVISED PER PLANNING BOARD COMMENTS	AJS	FERNS	F-DP	Dennstaedtia punctilobula	Hay-scented fern	Dlugs	Spring Fall	NM,CBE,CBW
				Trays Trays	F-DP F-DI	Dryopteris intermedia	Evergreen Wood Fern	Plugs Plugs	Spring Fall	CBE
				Trays	F-OC	Osmunda cinnamomea	Cinnamon Fern	Quarts	Spring Fall	WR,CBE
				Trays	F-PA	Polystichum acrostichoides	Christmas Fern	Plugs	Spring Fall	BE,NM,CBW,CBE
				<u>GRASSES</u>						
				Trays	G-AG ECO-LAWN	Andropogon gerardii Buchloe dactyloides 'Texoka'	Big Bluestem Eco Lawn	Plugs	Spring Summer	BE,NM,CBW BE
				Trays Trays	G-CA	Carex appallachica	Appallachian Sedge	Seed Plugs	Spring Summer Spring Summer	BE,CBW,CBE,WR
				Trays	G-CB	Carex bromoides	Bromlike Sedge	Plugs	Spring Summer	BE,CBE,CBW,WR
				Trays	G-CP	Carex pensylvanica	Sedge	Plugs	Spring Summer	BE,CBE,CBW,WR
				Trave	G CI	Chasmanthium latifolia	Northarn San Oats	Pluge	Spring Summor	
1				Trays Trays	G-CL G-PV	Chasmanthium latifolia Panicum virgatum	Northern Sea Oats Indian Switchgrass	Plugs Plugs	Spring Summer Spring Summer	BE,CBE,CBW,HCS BE,NM,HCS
				Trays	G-SS	Schizachyrium scoparium	Little Bluestem	Plugs	Spring Summer	BE,NM,HCS
				<u>HERBACEOUS</u>	<u>5</u>				-	
				Trays	H-AT	Asclepias incarnata	Swamp Milkweed	Plugs	Spring Summer	WR
				Trays	H-AI	Asclepias tuberosa	Butterfly MilkWeed Common Bluestar	Plugs	Spring Summer	NM,CBE,CBW
				Trays Trays	H-AT H-A	Amsonia tabernaemontana Asters	Aster(NY and Woodland)	Plugs Plugs	Spring Summer Spring Summer	WR, NM WR, NM
				Trays	H-IC	Iris cristada	Crested Iris	Plugs	Spring Summer	WR
				Trays	H-PR	Polemonium reptan	Jacob's Ladder	Plugs	Spring Summer	WR, NM
				Trays	H-S	Solidago 	Goldenrod	Plugs	Spring Summer	WR,NM
				Trays	H-T	Trillium Viola	Trillium Violet	Plugs	Spring Summer	WR
				Trays <i>SHRUBS</i>	H-V	Viola	Violet	Plugs	Spring Summer	WR,BE,CBE,CBW
				<u></u>	S-AF	Amorpha fructicosa	Indigo Bush	5 gal	Spring Fall	WR,CBE,CBW
					S-AA	Aronia arbutifolia	Red Chokeberry	3 gal	Spring Fall	WR,BE
					S-AM	Aronia melanocarpa	Black Chokeberry	3 gal	Spring Fall	WR,BE
					S-CP S-DL	Comptonia peregrina Diervilla lonicera	Sweetfern Bush Honeysuckle	1 gal 3 gal	Spring Fall Spring Fall	ALL WR,NM,CBE,CB
					S-DL S-Hvi	Hamamelis virginiana	Witch Hazel	3 gai 10 gal	Spring Fall	CBE,CBW
					S-IG	Ilex glabra	Inkberry	10 gal	Spring Fall	BE,CBW,
										WR,CNE,CBW,N
					S-Ivf	Ilex verticcilata female	Winterberry	7 gal	Spring Fall	M
					S-Ivm	Ilex verticcilata male	Winterberry	7 gal	Spring Fall	WR,CBE,CBW,N M
					S-LB	Lindera benzoin	Spicebush	10 gal	Spring Fall	WR
					S-MP	Myrica pensylvanica	Bayberry	5 gal	Spring Fall	WR,BE,NM
		IG & LANDSCAPE LEGEND  CONCRETE SIDEWALK			S-RA	Rhus aromatica	Aromatic sumac	3 gal	Spring Fall	BE,NM,HCS
		ASPHALT PAVING			S-RC S-RO	Rosa carolina Rubus odoratus	Carolina Rose Flowering Raspberry	3 gal	Spring Fall Spring Fall	CBE,CBW,NM CBE,NM,WR
					J-I\O	Nubus bublutus	Howeiling vashnelly	3 gal	ohiiiik Lali	WR,NM,CBE,CB
		GRAVEL PATH (STEEL EDGING)			S-XS	Xanthorhiza simplicissima	Yellowroot	Plugs	Spring Fall	W
		CONSERVATION BUFFER — WEST  CONSERVATION BUFFER — EAST		<u>TREES</u>						
					T-AB	Abies balsamea	Balsam Fir	5-7'	Spring Fall	CBW,NM
		WETLAND RESTORATION AREA			T-AR	Acer rubrum	Red Maple	5-7'	Spring Fall	WR,BE
		NATIVE MEADOW			T-AC T-BL	Amelanchier canadensis Betula lenta	Serviceberry Black Birch	5-6' 4-5'	Spring Fall Spring Fall	WR,CBE,CBW,BE WR,CBW
		INDIAN SWITCHGRASS (G-PV)			T-BL T-BP	Betula populifolia	Grey Birch	4-5'	Spring Fall	ALL
	(	CUSTOM GRASS MIX - (ERNMX-CUS1)			T-CC	Carpinus caroliana	American Hornbeam		Spring Fall	CBW,CBE
		SEDGE (G-CP)			T-CT	Chamaecyparis thyoides	Atlantic White Cedar	5-7'	Spring Fall	WR
		evergreen shrub (S-IG)			T-CF	Cornus florida	Flowering Dogwood	5-7'	Spring Fall	BE,NM
		BIO-RETENTION AREA MIX			T-CP T-IO	Crataegus phaenopyrum Ilex opaca	Washington Hawthorn American Holly	5-7' 5-7'	Spring Fall Spring Fall	BE BE,CBW
					T-JV	Juniperus virginiana	Eastern Red Cedar	5'	Spring Fall	BE,NM
	F	PROPOSED NEW ORNAMENTAL NATIVE ₹REE			T-NS	Nyssa sylvatica	Blackgum	6-7'	Spring Fall	BE,NM
	1.4	PROPOSED NATIVE EVERGREEN			T-OV	Ostrya virginiana	Eastern Hop-Hornbeam	5-7'	Spring Fall	WR
	•	EXISTING TREE TO REMAIN (WITH			T-PR T-PV	Picea rubens Pinus virginiana	Red Spruce Scrub Pine	5-9' 5-9'	Spring Fall	BE,CBW
	24"	CALIPER)			T-PV T-PO	Pinus virginiana Plantanus occidentalis	Scrub Pine American Sycamore	5-9 <sup>-</sup> 7'	Spring Fall Spring Fall	BE,CBW WR
		RE-FORESTATION / REPAIR PLANTINGS: BIRCH - BEECH - MAPLE SAPLINGS			•	Sarras Secretificans	21.34.1. 3 y carrior c	•	-F0 i Mil	NM,WR,CBE,CB
		DINOTI DEEDTI MALEE OALEITOO			T-PA	Prunus serotina	Wild Black Cherry	3-4'	Spring Fall	W
					T-SD	Salix discolor	Pussy Willow	5'	Spring Fall	WR,CBE
					_		C l- O - l-	0.10	Contra - Fall	NINA DE
					T-QI	Quercus ilicifolia	Scrub Oak	8-10'	Spring Fall	NM,BE
				VINES	T-QI T-VP	Quercus ilicifolia Viburnum prunifolium	Blackhaw	6-7'	Spring Fall	NM

SEED MIXES				
lbs	ERNMX-105	Native Meadow	Northeastern Native Mix	Seed/Plug April-October
lbs	ERNMX-120	Native Wetland Restoration	Northeastern Grass and Forb	Seed/Plug April-October
lbs	ERNMX-126	Native Meadow	Retention Basin Low Maint Mix	Seed/Plug April-October
lbs	ERNMX-132-1	Native Meadow	Native Woods w Rye	Seed/Plug April-October
lbs	ERNMX-140	Native Meadow	Partially Shaded Native Mix	Seed/Plug April-October
lbs	ERNMX-153-1	Native Meadow	Showy NE Native Mix	Seed/Plug April-October
lbs	ERNSMX-155	Native Meadow	Deer Resist Native Meadow Mix	Seed/Plug April-October
lbs	ERNMX-180-1	Native Meadow	Rain Garden Mix	Seed/Plug April-October
lbs	ERNMX-181-1	Native Meadow	Native Steep Slope with Rye	Seed/Plug April-October
lbs	ERNMX-181-2	Native Meadow	Native Steep Slope with Oats	Seed/Plug April-October
lbs	ERNMX-183	Native Meadow	Native Detention Area Mix	Seed/Plug April-October
lbs	ERNMX	Custom Mix	Salt-tolerant, Shady Mix	Seed/Plug April-October
lbs	ERNMX	Custom Mix	Native Low Meadow	Seed/Plug April-October
<u>AREA LEGEND</u>		<u>DESCRIPTION</u>		
		Trees, shrubs, vines, ferns,		
		grasses, sedges, herbaceous		
	Building	flowering layer and ground		
BE	Envelope	cover		
	Conservation			
	Buffer EAST	Young trees, shrubs, ferns,		
	of	grasses, sedges and herbaceous		
	GT(Greenway	flowering layer and groundcover		
CBE	)	to stabilize		
	Conservation			
	<b>Buffer WEST</b>	Young trees, shrubs, ferns,		
	of	grasses, sedges and herbaceous		
	GT(Greenway	flowering layer and groundcover		
CBW	)	to stabilize		
		Short native meadow		
	Half Circle	species(grasses and herbaceous		
HCS	Seating Area	flowering layer)		
	-	Grasses, sedges, herbaceous		
	Native	flowering layer and ground		
NM	Meadow	cover		
		Young trees, shrubs, ferns,		
		grasses, sedges and herbaceous		
	Wetland	flowering layer and groundcover		
WR	Restoration to stabilize			
		PHASE TWO	Manage Invasive Plant Species	
		NOTE: FOR DETA	ILS OF SEED MIX	KES,

COMPOSITION BREAKDOWN PER AREA"

NOTE: REFER TO SHEET 2 FOR

LIGHTING AND LANDSCAPE DETAILS

Landscape Restorations

## TREE PROTECTION

- 1. Tree Protection shall be built around all trees designated by Owner. See LEGEND. This task shall be performed and/or supervised by an arborist associated with Landscape Designer.
- 2. Tree Protection shall be honored by General Contractor, and all Contractors, and remain in place for life
- 3. A penalty for tree damage and non-compliance with Tree Protection shall be discussed at first Site Meeting and written into GC contract and each penalty shall be billed to General Contractor.
- 4. Tree Protection is defined as sturdy stakes every 4' connected by strong fencing (not orange nylon
- fencing) built outside each CRZ(Critical Root Zone), with KEEP OUT:PROTECTED TREE signs. 5. CRZ is defined as extending from the trunk to just outside the Drip Line, or a distance of 1.5' per inch of
- DSH(Diameter at Standard Height), whichever is greater.
- 6. Under Penalty, the following activities are not allowed within the CRZ:
- a. Stockpiling of construction materials or demo debris b. Vehicle or equipment parking
- c. Trenching for utility installation or repair(unless pre-approved)
- d. Changing soil grade by cutting or filling
- e. Damaging of roots by grading, tearing or grubbing f. Compaction of soil by equipment, vehicles, material storage and/or foot traffic
- g. Contaminating soil from washing out equipment(especially concrete) and vehicle maintenance
- h. Attaching anything to trees with nails, screws and/or spikes
- Wound or break tree trunks or branches through contact with vehicles and heavy equipment Wound trunks by string weed trimmers and lawn mowers
- k. Cause injury by fire or excessive heat 7. Most tree roots over 4" are likely to be structural roots. Cutting these roots could cause future
- catastrophic failure.
- 8. Make all needed cuts to tree roots cleanly with sharp tools to encourage good wound closure; never tear with a backhoe.
- 9. After project completion, maintain an "invisible" passive TPZ (Tree Protection Zone) around all important trees though-out their lives by maintaining a mulched, grass-free area around the tree so weedtrimmers and mowers are always kept at bay and foot traffic is kept off the inner CRZ.

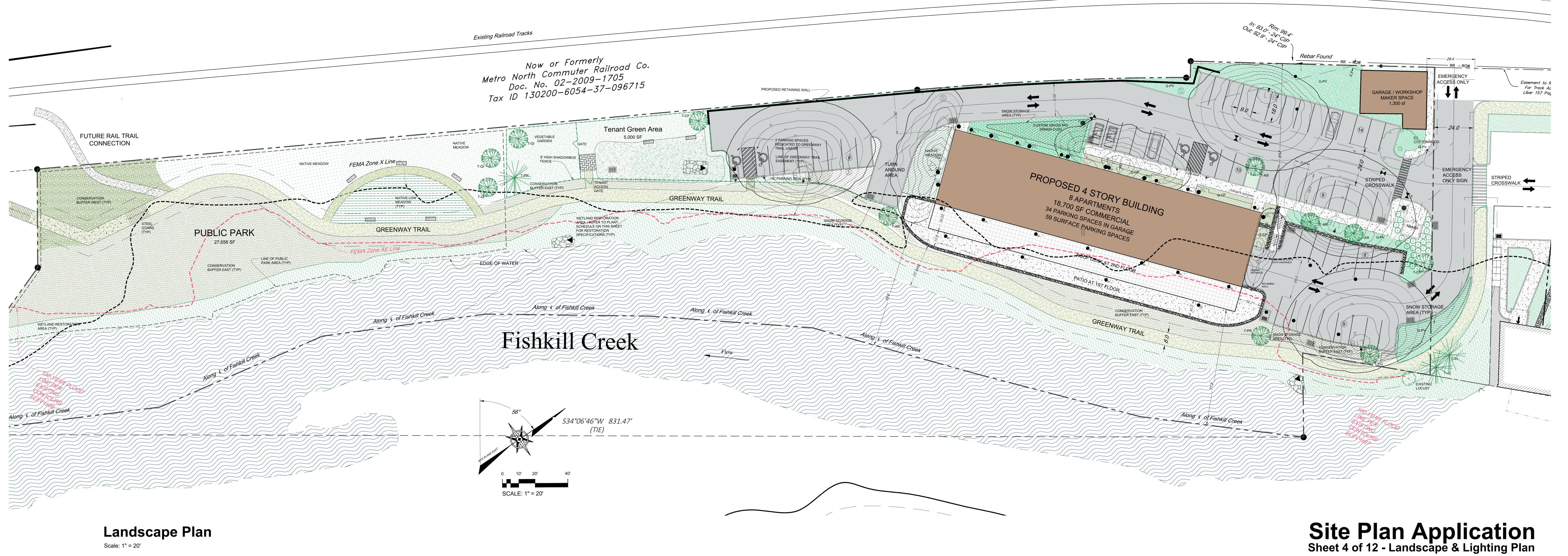
## PLANTING and LANDSCAPE NOTES

- 1. Tree Protection shall be honored and respected during construction phase (see separate Tree Protection Notes).
- 2. Woodland Area outside of work-scope shall be left intact other than the removal of dead, diseased and damaged trees in Phase One. In Phase Two (date to be determined), invasive management shall be implemented to begin select-removal of Black Locusts, Norway Maples, Ailanthus, Japanese
- Knotweed, Barberry, Rosa multiflora, Bittersweet and all invasive plant species. 3. Utmost care will be undertaken to protect the integrity of Fishkill Creek banks and steep slopes.
- 4. Absolutely no materials or liquids shall be dumped into Fishkill Creek or drains. 5. No non-native plant species shall be introduced onto the site. All species shall be indigenous to the northeast region of North America.
- 6. Disturbance of wild areas on the bank of Fishkill Creek created by construction of Greenway Trail require Conservation Buffers in order to help the areas heal and revert to native habitats. These areas are labeled as CBE(Conservation Buffer east of GT) and CBW(Conservation Buffer west of GT) and WR(Wetland Restoration).
- 7. If a straight specie is specified, no cultivars will be accepted without prior approval of designer.
- 8. In level graded areas, soil shall be prepped by removing all construction debris, loose roots and stones larger than 3". In steep slope areas, do not remove any naturally-occurring stones or rocks, as these aid in stabilizing the slope. All duff, plant debris and material such as leaves, twigs, etc, shall
- remain in soil. 9. Areas to be planted shall be marked and labeled by designer.
- 10. Each new tree hole tree shall be twice the width of the rootball.

Landscape Restorations

- 11. Plant all plants so top of rootball is slightly above surrounding native earth (or brought-in soil). 12. Burlap, wire, cords, ties and any wrapping materials must be removed from all rootballs before
- 13. No planting shall be done in muddy, rainy or frozen conditions.
- 14. Test tree-pit for drainage before planting. Do not plant tree in pit if water is still evident after one
- hour. Contact site engineer or landscape designer if this condition is encountered.
- 15. No plants will be accepted that display mechanical injury or specie irregularities.
- 16. All plants must be labeled when delivered to site.
- 17. If planting is delayed for more than 6 hours after delivery, set plants in shade. Protect from weather and mechanical damage. Keep roots moist and cover with mulch.
- 18. All tree-planting to be coordinated with as-built utilities. Trees to be located minimum of 5' from active lines.
- 19. All trees shall be balled and burlap unless otherwise specified on Plant List.
- 20. Contractor shall stake all plant locations and orientations in the field and obtain approval prior to
- 21. Contractor shall leave site neat and orderly during course of project, and store materials and
- equipment in owner-approved locations away from all trees and plants.
- 22. If site conditions conflict with intended design, contractor shall alert Owner.
- 23. Contractor shall enter and exit site through pre-approved routes only. 24. No substitutions are to be made without the written or verbal consent of landscape designer and
- 25. Create a size-specific water-well around each plant, 3- from center of tree, and mulch from the
- outside. Do not mulch crown.
- 26. Water thoroughly after planting each plant. Water schedule to be determined. 27. Spray for deer if planted in fall. Sometimes bucks mark their territory with their antlers.
- 28. Keep Bed weed-free until plant is established.

Existing Railroad Tracks



Weber Projects III, LLC