

LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

- 1.0 PAVEMENT**
- 1.1 RE-LAID BRICK PAVERS ON BITUMINOUS BASE 1/ 86
 - 1.2 BRICK PAVING OVER STRUCTURAL SOIL 2/ 86
 - 1.3 POROUS PAVE TREE SURROUND 4/ 86
 - 1.4 FLUSH CROSSWALK PAVING 3/ 86
 - 1.5 RAISED CROSSWALK PAVING 1/ 87
 - 1.6 INTERSECTION PAVING 2/ 87

- 2.0 SITE LIGHTING**
- SEE ENGINEERS DRAWINGS

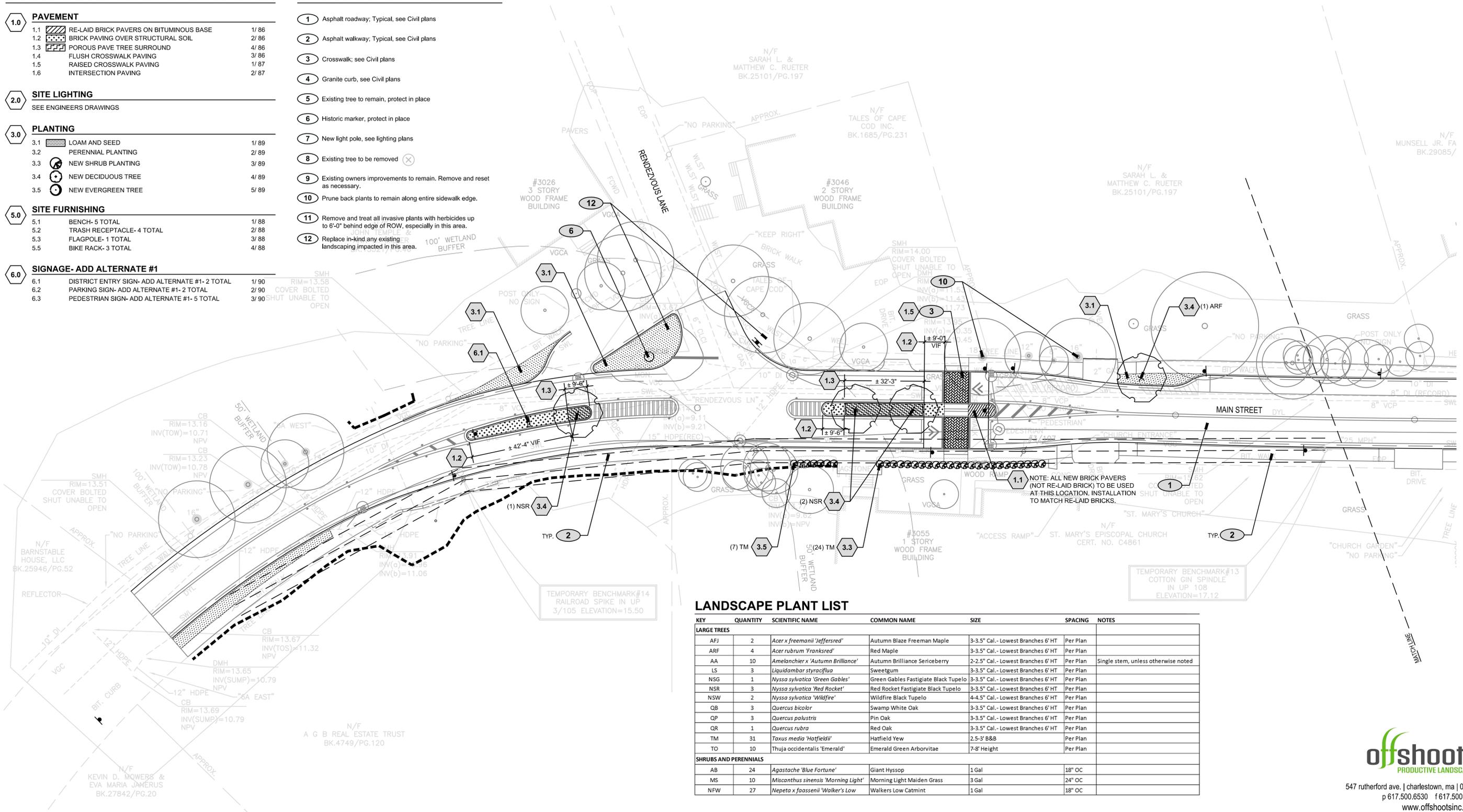
- 3.0 PLANTING**
- 3.1 LOAM AND SEED 1/ 89
 - 3.2 PERENNIAL PLANTING 2/ 89
 - 3.3 NEW SHRUB PLANTING 3/ 89
 - 3.4 NEW DECIDUOUS TREE 4/ 89
 - 3.5 NEW EVERGREEN TREE 5/ 89

- 5.0 SITE FURNISHING**
- 5.1 BENCH- 5 TOTAL 1/ 88
 - 5.2 TRASH RECEPTACLE- 4 TOTAL 2/ 88
 - 5.3 FLAGPOLE- 1 TOTAL 3/ 88
 - 5.5 BIKE RACK- 3 TOTAL 4/ 88

- 6.0 SIGNAGE- ADD ALTERNATE #1**
- 6.1 DISTRICT ENTRY SIGN- ADD ALTERNATE #1- 2 TOTAL 1/ 90
 - 6.2 PARKING SIGN- ADD ALTERNATE #1- 2 TOTAL 2/ 90
 - 6.3 PEDESTRIAN SIGN- ADD ALTERNATE #1- 5 TOTAL 3/ 90

LANDSCAPE KEYNOTES:

- 1 Asphalt roadway; Typical, see Civil plans
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- 10 Prune back plants to remain along entire sidewalk edge.
- 11 Remove and treat all invasive plants with herbicides up to 6'-0" behind edge of ROW, especially in this area.
- 12 Replace in-kind any existing landscaping impacted in this area.

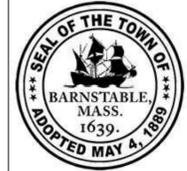


LANDSCAPE PLANT LIST

KEY	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	NOTES
LARGE TREES						
AFJ	2	<i>Acer x freemanii 'Jeffersred'</i>	Autumn Blaze Freeman Maple	3-3.5' Cal.- Lowest Branches 6' HT	Per Plan	
ARF	4	<i>Acer rubrum 'Franksred'</i>	Red Maple	3-3.5' Cal.- Lowest Branches 6' HT	Per Plan	
AA	10	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Sericeberry	2-2.5' Cal.- Lowest Branches 6' HT	Per Plan	Single stem, unless otherwise noted
LS	3	<i>Liquidambar styraciflua</i>	Sweetgum	3-3.5' Cal.- Lowest Branches 6' HT	Per Plan	
NSG	1	<i>Nyssa sylvatica 'Green Gables'</i>	Green Gables Fastigate Black Tupelo	3-3.5' Cal.- Lowest Branches 6' HT	Per Plan	
NSR	3	<i>Nyssa sylvatica 'Red Rocket'</i>	Red Rocket Fastigate Black Tupelo	3-3.5' Cal.- Lowest Branches 6' HT	Per Plan	
NSW	2	<i>Nyssa sylvatica 'Wildfire'</i>	Wildfire Black Tupelo	4-4.5' Cal.- Lowest Branches 6' HT	Per Plan	
QB	3	<i>Quercus bicolor</i>	Swamp White Oak	3-3.5' Cal.- Lowest Branches 6' HT	Per Plan	
QP	3	<i>Quercus palustris</i>	Pin Oak	3-3.5' Cal.- Lowest Branches 6' HT	Per Plan	
QR	1	<i>Quercus rubra</i>	Red Oak	3-3.5' Cal.- Lowest Branches 6' HT	Per Plan	
TM	31	<i>Taxus media 'Hatfieldii'</i>	Hatfield Yew	2.5-3' B&B	Per Plan	
TO	10	<i>Thuja occidentalis 'Emerald'</i>	Emerald Green Arborvitae	7-8' Height	Per Plan	
SHRUBS AND PERENNIALS						
AB	24	<i>Agastache 'Blue Fortune'</i>	Giant Hyssop	1 Gal	18" OC	
MS	10	<i>Miscanthus sinensis 'Morning Light'</i>	Morning Light Maiden Grass	3" Gal	24" OC	
NFW	27	<i>Nepeta x faassenii 'Walker's Low'</i>	Walkers Low Catmint	1 Gal	18" OC	

NOTE: ALL NEW BRICK PAVERS (NOT RE-LAID BRICK) TO BE USED AT THIS LOCATION. INSTALLATION TO MATCH RE-LAID BRICKS.

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MARK	DATE	DESCRIPTION	Scale	AS NOTED
03	10/19/18	REVISED FINAL SUBMISSION	Date	OCTOBER 2018
02	08/22/18	FINAL SUBMISSION	Job No.	271-1607
01	08/01/18	DRAFT PRELIMINARY DESIGN SUBMISSION	Designed by	KK & SCH
			Drawn by	SCH & EH
			Checked by	KK
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TRANSPORTATION IMPROVEMENTS
ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS

LANDSCAPE MATERIAL PLAN- 01

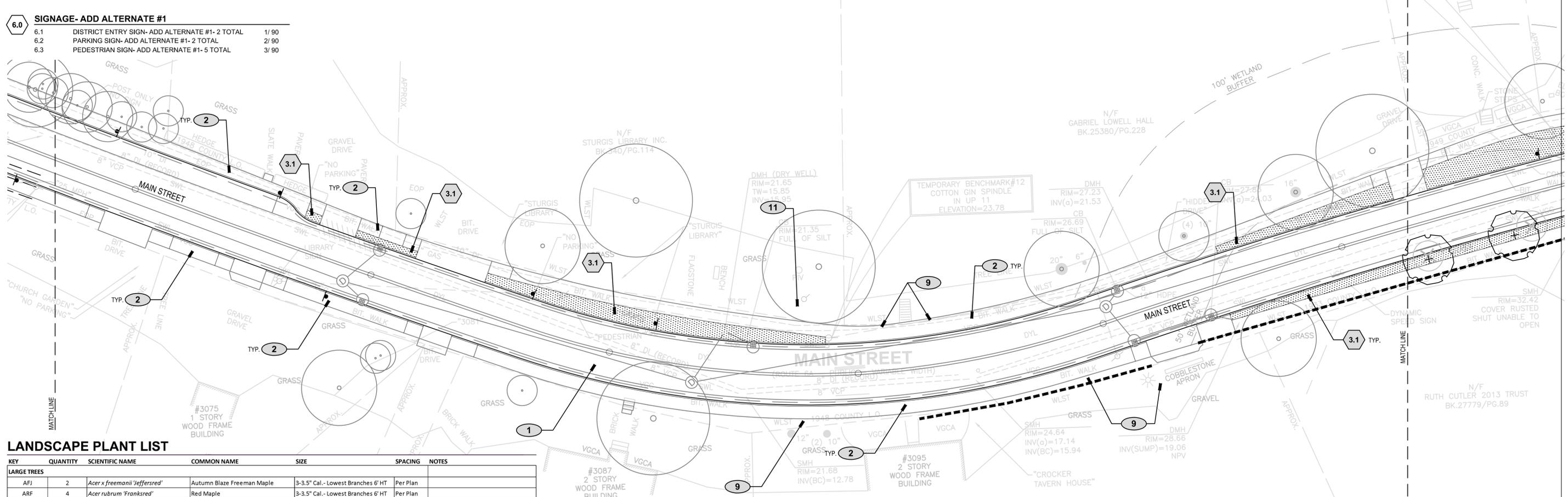
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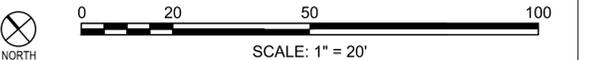


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AA	10	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Sericeberry	2-2.5" Cal. - Lowest Branches 6' HT	Per Plan	Single stem, unless otherwise noted
LS	3	<i>Liquidambar styraciflua</i>	Sweetgum	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
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ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS**

LANDSCAPE MATERIAL PLAN- 02

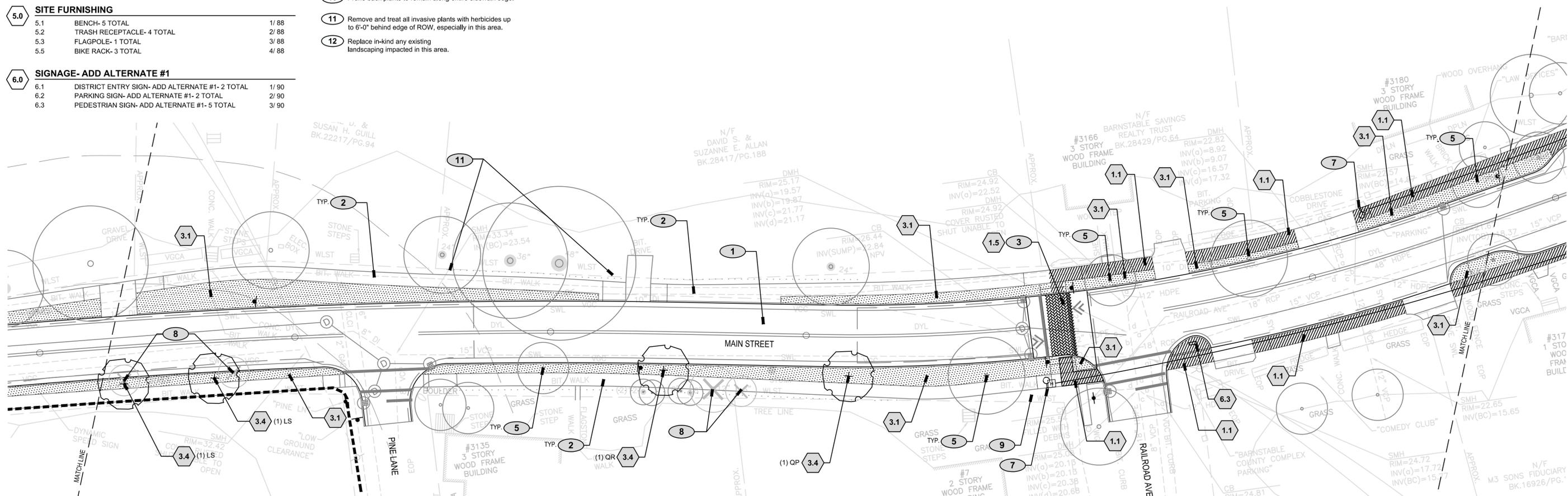
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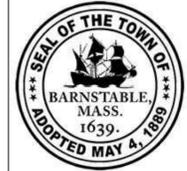
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TRANSPORTATION IMPROVEMENTS ALONG ROUTE 6A AND MILLWAY BARNSTABLE, MASSACHUSETTS

LANDSCAPE MATERIAL PLAN- 03

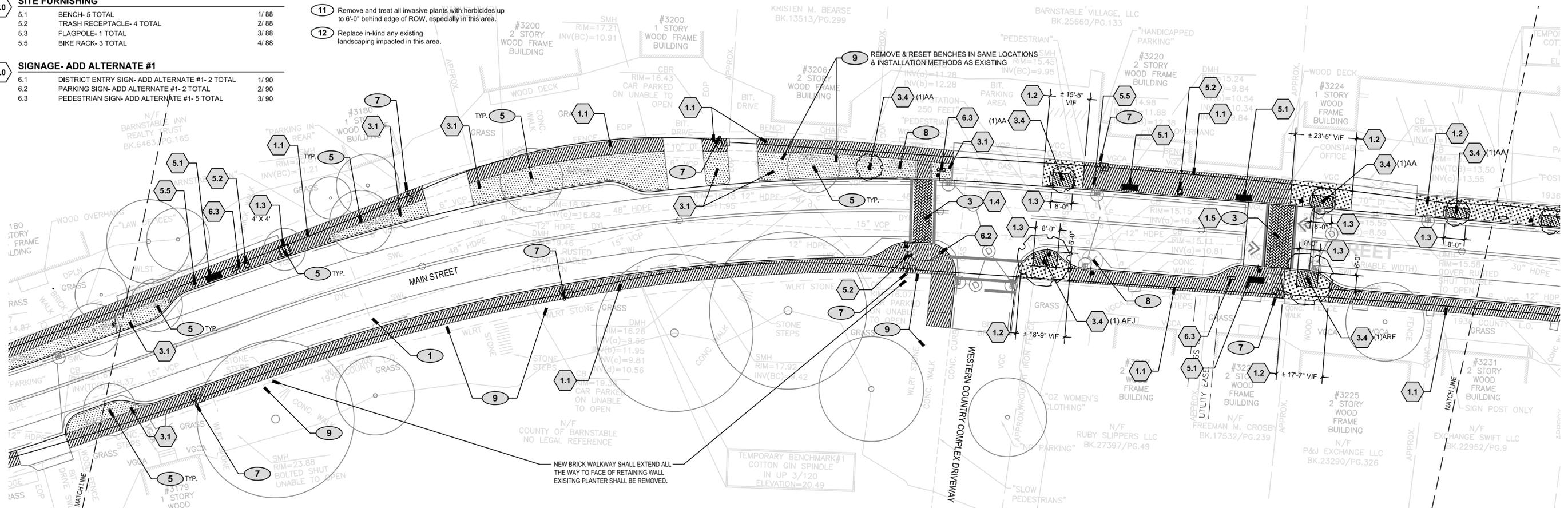
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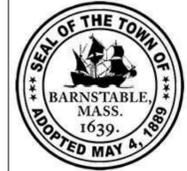


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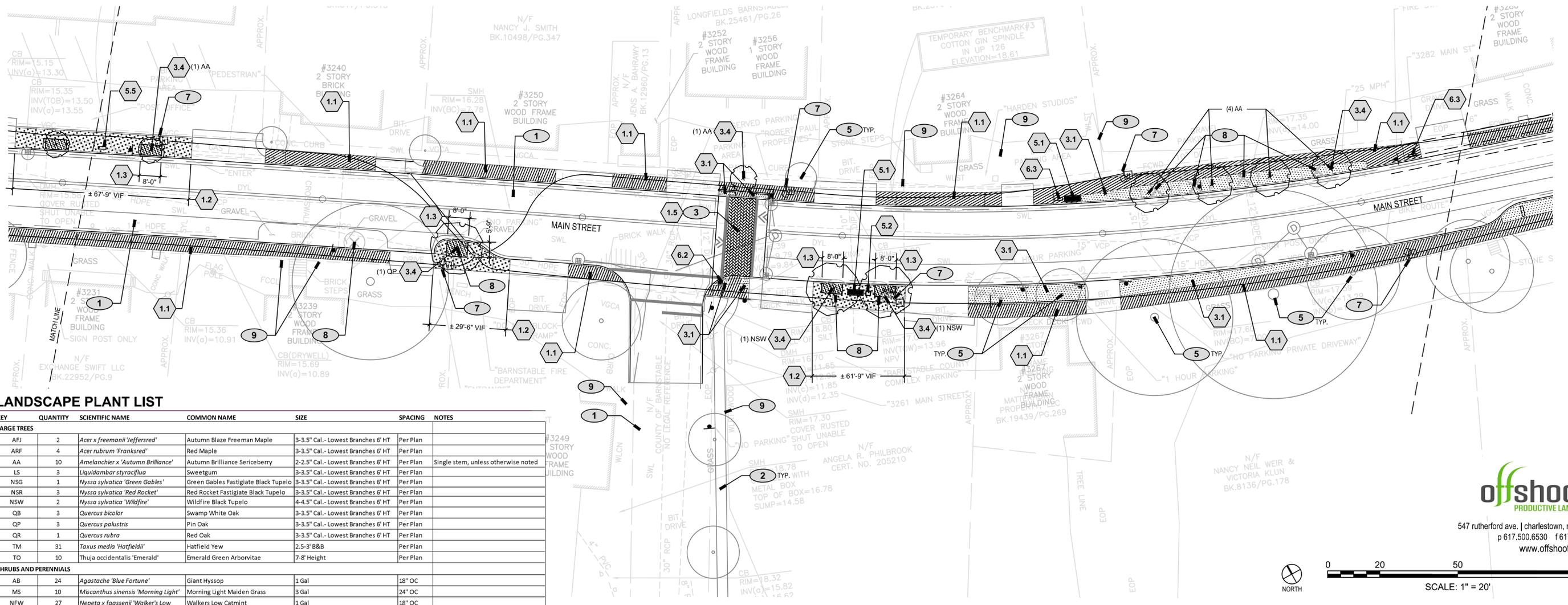
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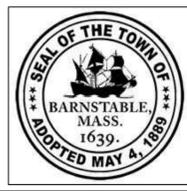
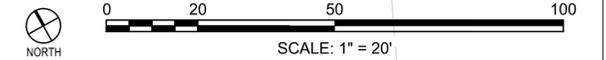


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AA	10	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Sericeberry	2-2.5" Cal. - Lowest Branches 6' HT	Per Plan	Single stem, unless otherwise noted
LS	3	<i>Liquidambar styraciflua</i>	Sweetgum	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSG	1	<i>Nyssa sylvatica 'Green Gables'</i>	Green Gables Fastigiata Black Tupelo	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSR	3	<i>Nyssa sylvatica 'Red Rocket'</i>	Red Rocket Fastigiata Black Tupelo	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSW	2	<i>Nyssa sylvatica 'Wildfire'</i>	Wildfire Black Tupelo	4-4.5" Cal. - Lowest Branches 6' HT	Per Plan	
QB	3	<i>Quercus bicolor</i>	Swamp White Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
QP	3	<i>Quercus palustris</i>	Pin Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
QR	1	<i>Quercus rubra</i>	Red Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
TM	31	<i>Taxus media 'Hatfieldii'</i>	Hatfield Yew	2.5-3' B&B	Per Plan	
TO	10	<i>Thuja occidentalis 'Emerald'</i>	Emerald Green Arborvitae	7-8' Height	Per Plan	
SHRUBS AND PERENNIALS						
AB	24	<i>Agastache 'Blue Fortune'</i>	Giant Hyssop	1 Gal	18" OC	
MS	10	<i>Miscanthus sinensis 'Morning Light'</i>	Morning Light Maiden Grass	3 Gal	24" OC	
NFW	27	<i>Nepeta x faassenii 'Walker's Low'</i>	Walkers Low Catmint	1 Gal	18" OC	

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MARK	DATE	DESCRIPTION	Scale	AS NOTED
			Date	OCTOBER 2018
			Job No.	271-1607
	03/10/19/18	REVISED FINAL SUBMISSION	Designed by	KK & SCH
	02/08/22/18	FINAL SUBMISSION	Drawn by	SCH & EH
	01/08/01/18	DRAFT PRELIMINARY DESIGN SUBMISSION	Checked by	KK
			Approved by	KK

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

TRANSPORTATION IMPROVEMENTS ALONG ROUTE 6A AND MILLWAY BARNSTABLE, MASSACHUSETTS

LANDSCAPE MATERIAL PLAN- 05

CONSTRUCTION DOCUMENTS

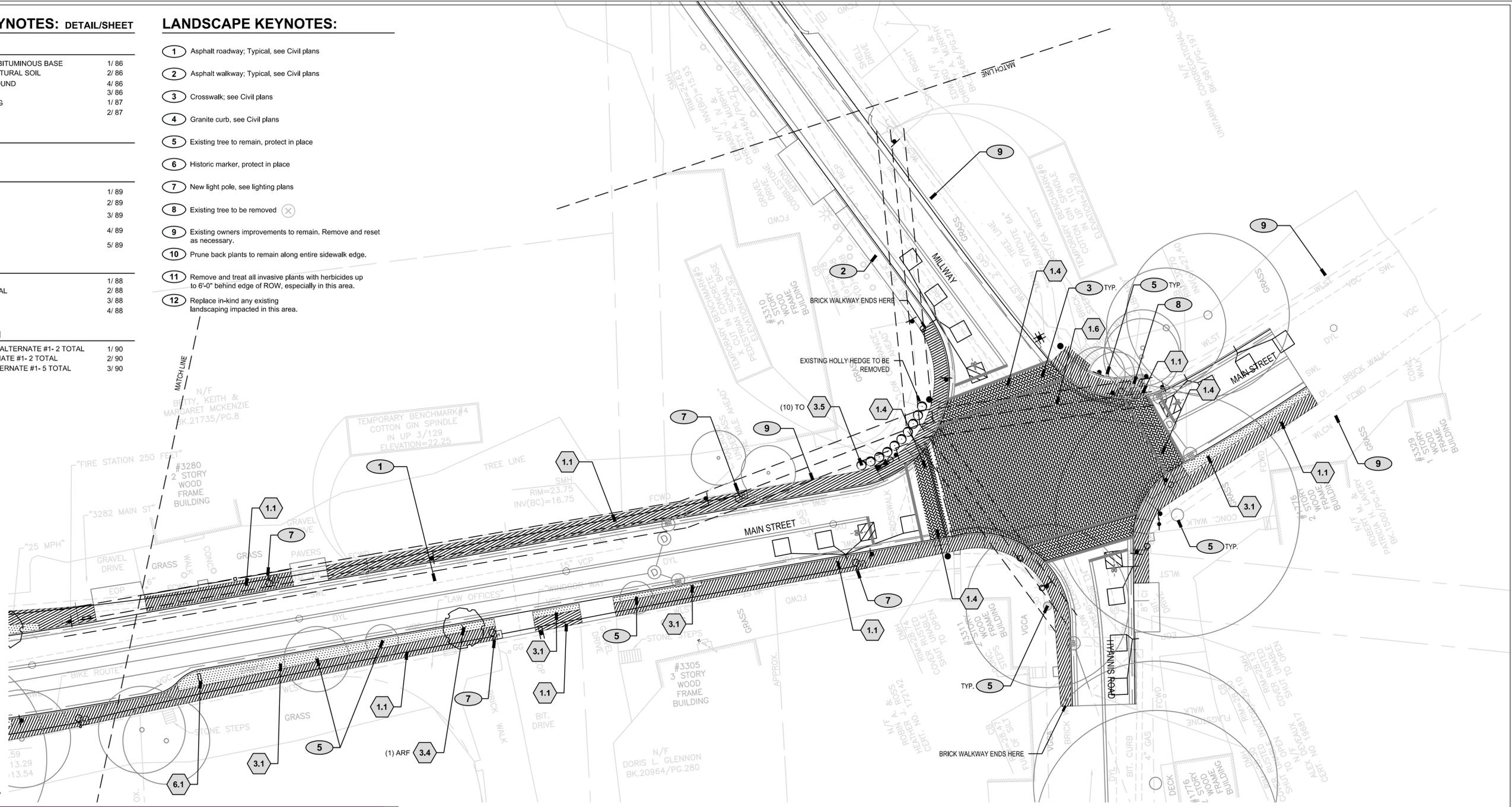
Sheet No. **79**

LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

- 1.0 PAVEMENT**
 - 1.1 RE-LAID BRICK PAVERS ON BITUMINOUS BASE 1/86
 - 1.2 BRICK PAVING OVER STRUCTURAL SOIL 2/86
 - 1.3 POROUS PAVE TREE SURROUND 4/86
 - 1.4 FLUSH CROSSWALK PAVING 3/86
 - 1.5 RAISED CROSSWALK PAVING 1/87
 - 1.6 INTERSECTION PAVING 2/87
- 2.0 SITE LIGHTING**
 - SEE ENGINEERS DRAWINGS
- 3.0 PLANTING**
 - 3.1 LOAM AND SEED 1/89
 - 3.2 PERENNIAL PLANTING 2/89
 - 3.3 NEW SHRUB PLANTING 3/89
 - 3.4 NEW DECIDUOUS TREE 4/89
 - 3.5 NEW EVERGREEN TREE 5/89
- 5.0 SITE FURNISHING**
 - 5.1 BENCH- 5 TOTAL 1/88
 - 5.2 TRASH RECEPTACLE- 4 TOTAL 2/88
 - 5.3 FLAGPOLE- 1 TOTAL 3/88
 - 5.5 BIKE RACK- 3 TOTAL 4/88
- 6.0 SIGNAGE- ADD ALTERNATE #1**
 - 6.1 DISTRICT ENTRY SIGN- ADD ALTERNATE #1- 2 TOTAL 1/90
 - 6.2 PARKING SIGN- ADD ALTERNATE #1- 2 TOTAL 2/90
 - 6.3 PEDESTRIAN SIGN- ADD ALTERNATE #1- 5 TOTAL 3/90

LANDSCAPE KEYNOTES:

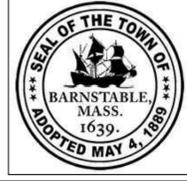
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- 10 Prune back plants to remain along entire sidewalk edge.
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- 12 Replace in-kind any existing landscaping impacted in this area.



LANDSCAPE PLANT LIST

KEY	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	NOTES
LARGE TREES						
AFJ	2	<i>Acer x freemanii</i> 'Jeffersred'	Autumn Blaze Freeman Maple	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
ARF	4	<i>Acer rubrum</i> 'Franksred'	Red Maple	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
AA	10	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Sericeberry	2-2.5" Cal. - Lowest Branches 6' HT	Per Plan	Single stem, unless otherwise noted
LS	3	<i>Liquidambar styraciflua</i>	Sweetgum	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSG	1	<i>Nyssa sylvatica</i> 'Green Gables'	Green Gables Fastigiata Black Tupelo	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSR	3	<i>Nyssa sylvatica</i> 'Red Rocket'	Red Rocket Fastigiata Black Tupelo	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSW	2	<i>Nyssa sylvatica</i> 'Wildfire'	Wildfire Black Tupelo	4-4.5" Cal. - Lowest Branches 6' HT	Per Plan	
QB	3	<i>Quercus bicolor</i>	Swamp White Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
QP	3	<i>Quercus palustris</i>	Pin Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
QR	1	<i>Quercus rubra</i>	Red Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
TM	31	<i>Taxus media</i> 'Hatfieldii'	Hatfield Yew	2.5-3' B&B	Per Plan	
TO	10	<i>Thuja occidentalis</i> 'Emerald'	Emerald Green Arborvitae	7-8' Height	Per Plan	
SHRUBS AND PERENNIALS						
AB	24	<i>Agastache</i> 'Blue Fortune'	Giant Hyssop	1 Gal	18" OC	
MS	10	<i>Miscanthus sinensis</i> 'Morning Light'	Morning Light Maiden Grass	3 Gal	24" OC	
NFW	27	<i>Nepeta x faassenii</i> 'Walker's Low'	Walkers Low Catmint	1 Gal	18" OC	

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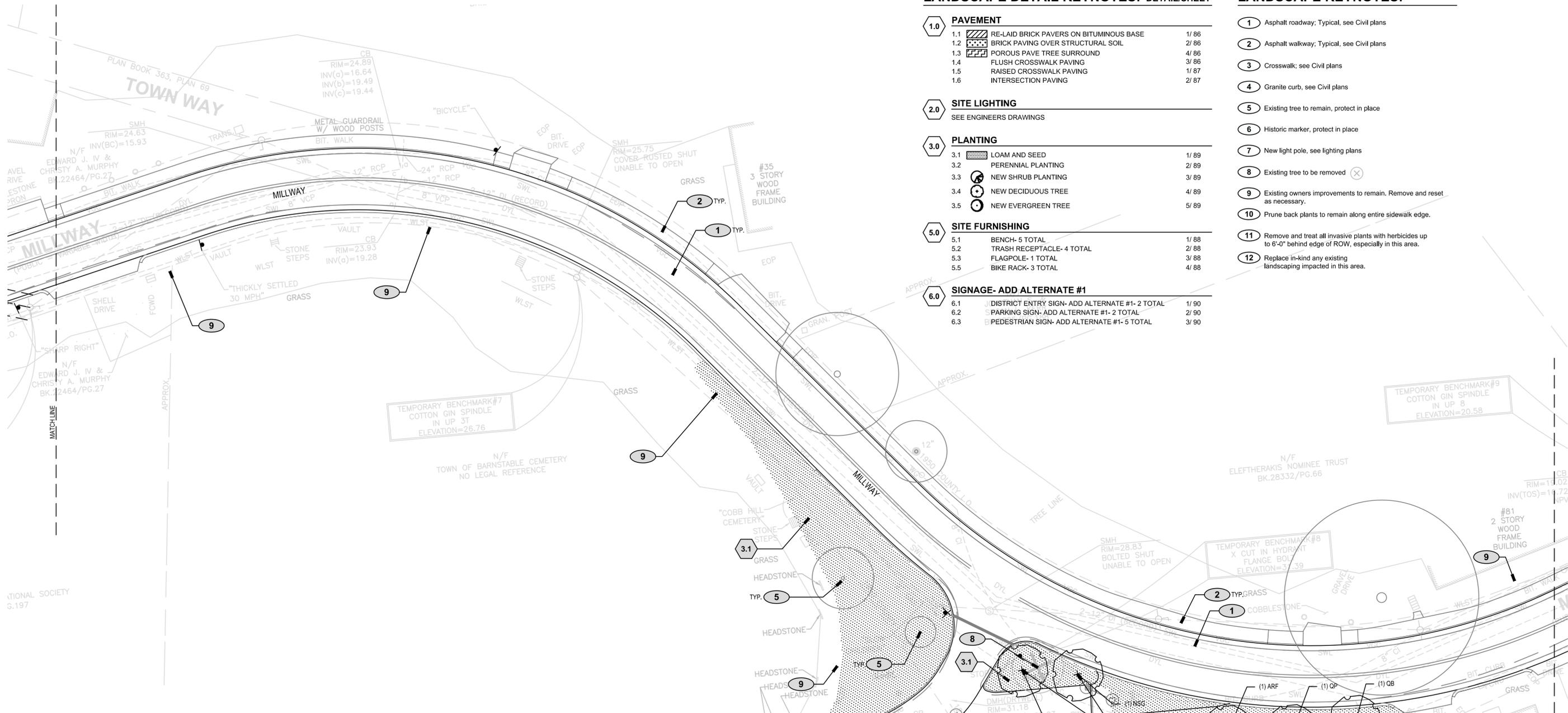
MARK	DATE	DESCRIPTION	Scale	AS NOTED
			Date	OCTOBER 2018
			Job No.	271-1607
03	10/19/18	REVISED FINAL SUBMISSION	Designed by	KK & SCH
02	08/22/18	FINAL SUBMISSION	Drawn by	SCH & EH
01	08/01/18	DRAFT PRELIMINARY DESIGN SUBMISSION	Checked by	KK
			Approved by	KK

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**TRANSPORTATION IMPROVEMENTS
ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS**

LANDSCAPE MATERIAL PLAN- 06

CONSTRUCTION DOCUMENTS
Sheet No.
80



LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

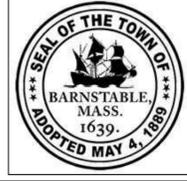
- 1.0 PAVEMENT**
 - 1.1 RE-LAID BRICK PAVERS ON BITUMINOUS BASE 1/ 86
 - 1.2 BRICK PAVING OVER STRUCTURAL SOIL 2/ 86
 - 1.3 POROUS PAVE TREE SURROUND 4/ 86
 - 1.4 FLUSH CROSSWALK PAVING 3/ 86
 - 1.5 RAISED CROSSWALK PAVING 1/ 87
 - 1.6 INTERSECTION PAVING 2/ 87
- 2.0 SITE LIGHTING**
 - SEE ENGINEERS DRAWINGS
- 3.0 PLANTING**
 - 3.1 LOAM AND SEED 1/ 89
 - 3.2 PERENNIAL PLANTING 2/ 89
 - 3.3 NEW SHRUB PLANTING 3/ 89
 - 3.4 NEW DECIDUOUS TREE 4/ 89
 - 3.5 NEW EVERGREEN TREE 5/ 89
- 5.0 SITE FURNISHING**
 - 5.1 BENCH- 5 TOTAL 1/ 88
 - 5.2 TRASH RECEPTACLE- 4 TOTAL 2/ 88
 - 5.3 FLAGPOLE- 1 TOTAL 3/ 88
 - 5.5 BIKE RACK- 3 TOTAL 4/ 88
- 6.0 SIGNAGE- ADD ALTERNATE #1**
 - 6.1 DISTRICT ENTRY SIGN- ADD ALTERNATE #1- 2 TOTAL 1/ 90
 - 6.2 PARKING SIGN- ADD ALTERNATE #1- 2 TOTAL 2/ 90
 - 6.3 PEDESTRIAN SIGN- ADD ALTERNATE #1- 5 TOTAL 3/ 90

LANDSCAPE KEYNOTES:

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- 4 Granite curb, see Civil plans
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LANDSCAPE PLANT LIST

KEY	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	NOTES
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AA	10	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Sericeberry	2-2.5" Cal. - Lowest Branches 6' HT	Per Plan	Single stem, unless otherwise noted
LS	3	<i>Liquidambar styraciflua</i>	Sweetgum	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSG	1	<i>Nyssa sylvatica</i> 'Green Gables'	Green Gables Fastigiata Black Tupelo	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSR	3	<i>Nyssa sylvatica</i> 'Red Rocket'	Red Rocket Fastigiata Black Tupelo	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
NSW	2	<i>Nyssa sylvatica</i> 'Wildfire'	Wildfire Black Tupelo	4-4.5" Cal. - Lowest Branches 6' HT	Per Plan	
QB	3	<i>Quercus bicolor</i>	Swamp White Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
QP	3	<i>Quercus palustris</i>	Pin Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
QR	1	<i>Quercus rubra</i>	Red Oak	3-3.5" Cal. - Lowest Branches 6' HT	Per Plan	
TM	31	<i>Taxus media</i> 'Hatfieldii'	Hatfield Yew	2.5-3" B&B	Per Plan	
TO	10	<i>Thuja occidentalis</i> 'Emerald'	Emerald Green Arborvitae	7-8' Height	Per Plan	
SHRUBS AND PERENNIALS						
AB	24	<i>Agastache</i> 'Blue Fortune'	Giant Hyssop	1 Gal	18" OC	
MS	10	<i>Miscanthus sinensis</i> 'Morning Light'	Morning Light Maiden Grass	3 Gal	24" OC	
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TRANSPORTATION IMPROVEMENTS ALONG ROUTE 6A AND MILLWAY BARNSTABLE, MASSACHUSETTS

LANDSCAPE MATERIAL PLAN- 07

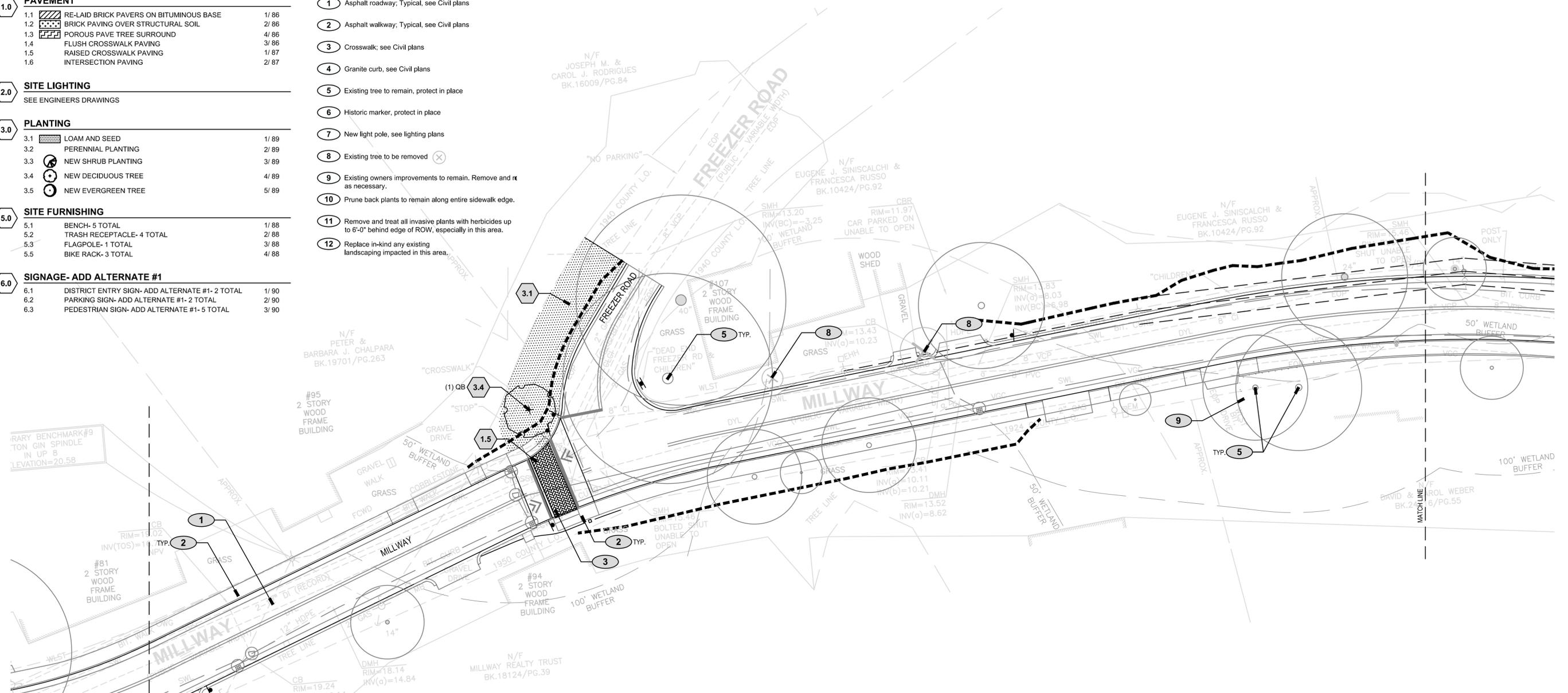
CONSTRUCTION DOCUMENTS
Sheet No.
81

LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

- 1.0 PAVEMENT**
 - 1.1 RE-LAID BRICK PAVERS ON BITUMINOUS BASE 1/86
 - 1.2 BRICK PAVING OVER STRUCTURAL SOIL 2/86
 - 1.3 POROUS PAVE TREE SURROUND 4/86
 - 1.4 FLUSH CROSSWALK PAVING 3/86
 - 1.5 RAISED CROSSWALK PAVING 1/87
 - 1.6 INTERSECTION PAVING 2/87
- 2.0 SITE LIGHTING**
 - SEE ENGINEERS DRAWINGS
- 3.0 PLANTING**
 - 3.1 LOAM AND SEED 1/89
 - 3.2 PERENNIAL PLANTING 2/89
 - 3.3 NEW SHRUB PLANTING 3/89
 - 3.4 NEW DECIDUOUS TREE 4/89
 - 3.5 NEW EVERGREEN TREE 5/89
- 5.0 SITE FURNISHING**
 - 5.1 BENCH- 5 TOTAL 1/88
 - 5.2 TRASH RECEPTACLE- 4 TOTAL 2/88
 - 5.3 FLAGPOLE- 1 TOTAL 3/88
 - 5.5 BIKE RACK- 3 TOTAL 4/88
- 6.0 SIGNAGE- ADD ALTERNATE #1**
 - 6.1 DISTRICT ENTRY SIGN- ADD ALTERNATE #1- 2 TOTAL 1/90
 - 6.2 PARKING SIGN- ADD ALTERNATE #1- 2 TOTAL 2/90
 - 6.3 PEDESTRIAN SIGN- ADD ALTERNATE #1- 5 TOTAL 3/90

LANDSCAPE KEYNOTES:

- 1 Asphalt roadway; Typical, see Civil plans
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- 3 Crosswalk; see Civil plans
- 4 Granite curb, see Civil plans
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LANDSCAPE PLANT LIST

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ARF	4	<i>Acer rubrum 'Franksred'</i>	Red Maple	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
AA	10	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Sericeberry	2-2.5" Cal.- Lowest Branches 6' HT	Per Plan	Single stem, unless otherwise noted
LS	3	<i>Liquidambar styraciflua</i>	Sweetgum	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
NSG	1	<i>Nyssa sylvatica 'Green Gables'</i>	Green Gables Fastigiata Black Tupelo	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
NSR	3	<i>Nyssa sylvatica 'Red Rocket'</i>	Red Rocket Fastigiata Black Tupelo	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
NSW	2	<i>Nyssa sylvatica 'Wildfire'</i>	Wildfire Black Tupelo	4-4.5" Cal.- Lowest Branches 6' HT	Per Plan	
QB	3	<i>Quercus bicolor</i>	Swamp White Oak	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
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TO	10	<i>Thuja occidentalis 'Emerald'</i>	Emerald Green Arborvitae	7-8' Height	Per Plan	
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TRANSPORTATION IMPROVEMENTS
ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS

LANDSCAPE MATERIAL PLAN- 08

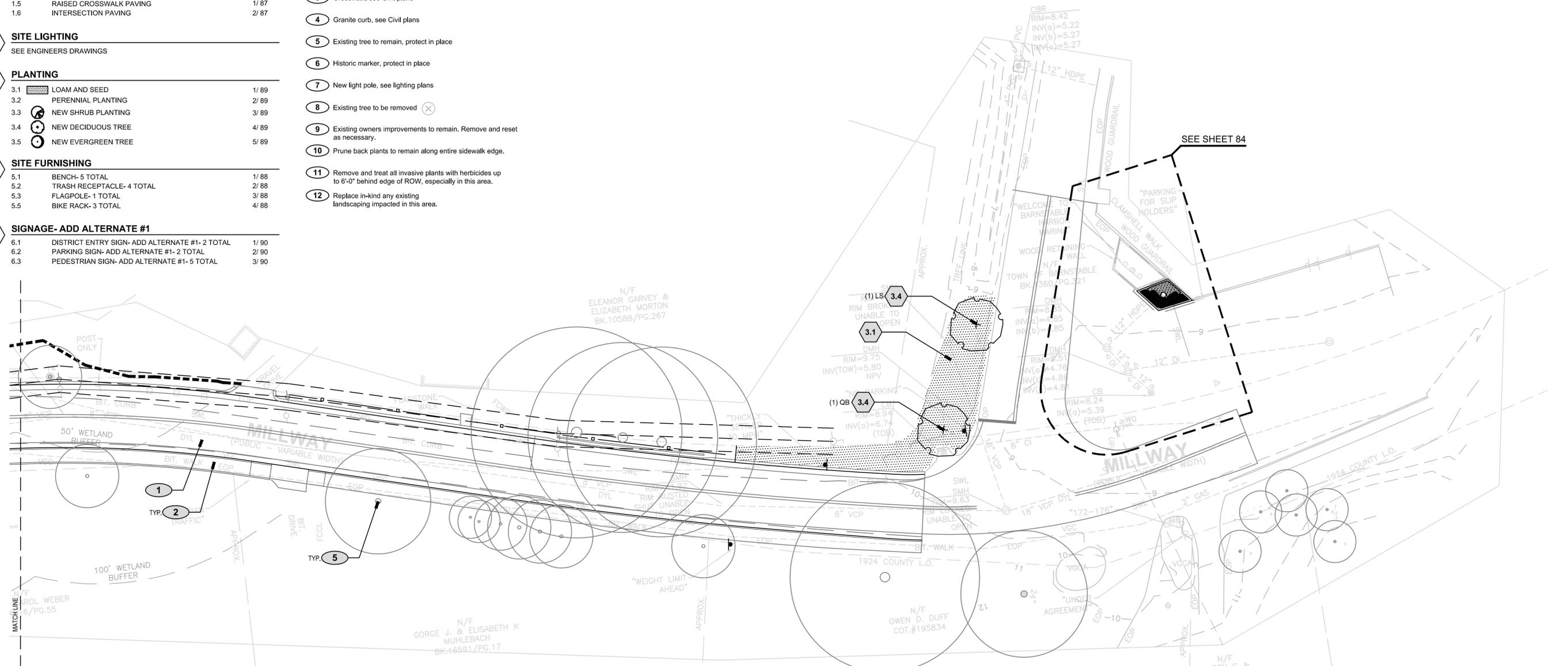
CONSTRUCTION DOCUMENTS
Sheet No.
82

LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

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LANDSCAPE KEYNOTES:

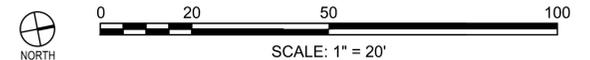
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TRANSPORTATION IMPROVEMENTS
ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS

LANDSCAPE MATERIAL PLAN- 09

CONSTRUCTION DOCUMENTS
Sheet No.
83

LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

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1.3	POROUS PAVE TREE SURROUND	4/86
1.4	FLUSH CROSSWALK PAVING	3/86
1.5	RAISED CROSSWALK PAVING	1/87
1.6	INTERSECTION PAVING	2/87

2.0 SITE LIGHTING

SEE ENGINEERS DRAWINGS

3.0 PLANTING

3.1	LOAM AND SEED	1/89
3.2	PERENNIAL PLANTING	2/89
3.3	NEW SHRUB PLANTING	3/89
3.4	NEW DECIDUOUS TREE	4/89
3.5	NEW EVERGREEN TREE	5/89

5.0 SITE FURNISHING

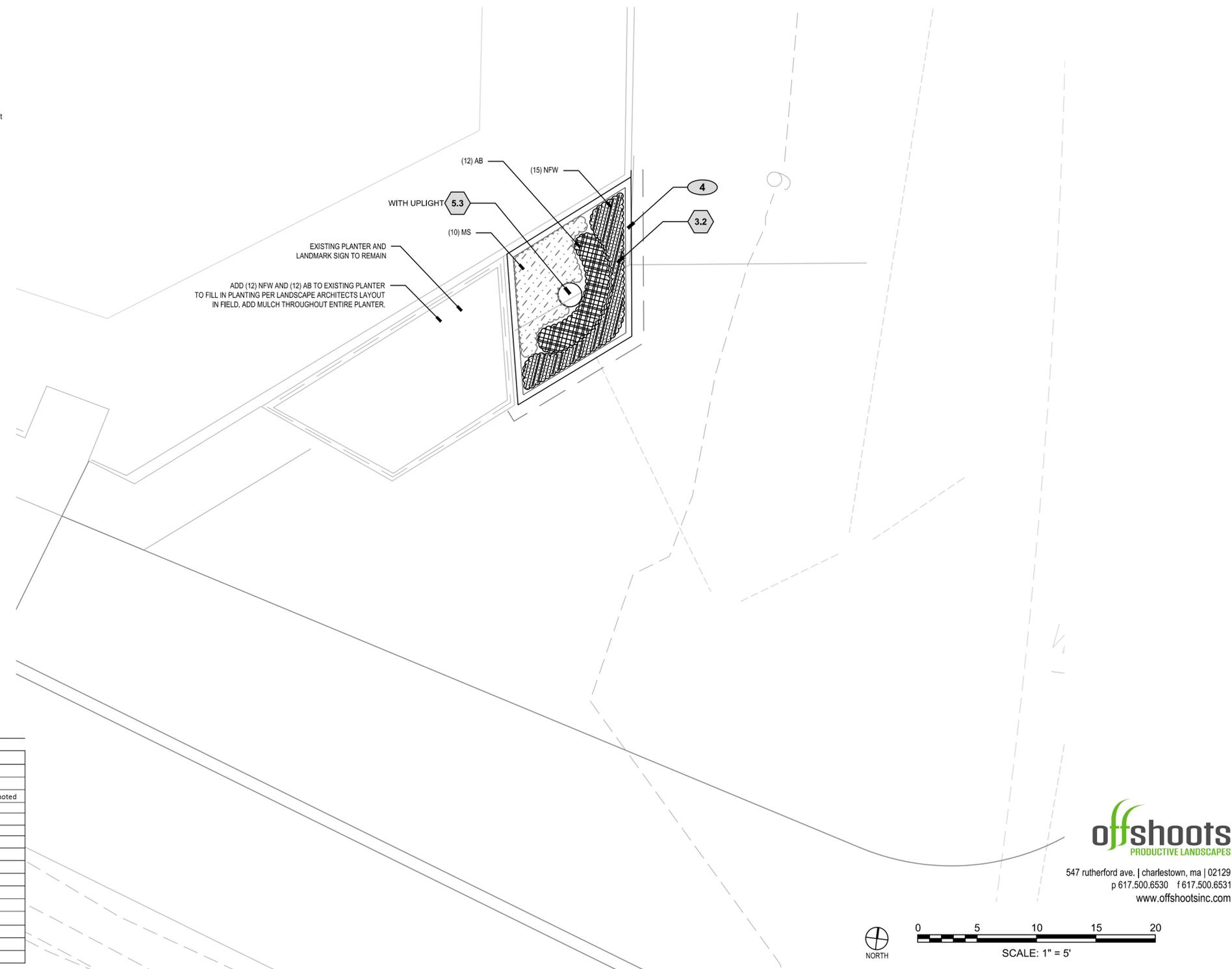
5.1	BENCH- 5 TOTAL	1/88
5.2	TRASH RECEPTACLE- 4 TOTAL	2/88
5.3	FLAGPOLE- 1 TOTAL	3/88
5.5	BIKE RACK- 3 TOTAL	4/88

6.0 SIGNAGE- ADD ALTERNATE #1

6.1	DISTRICT ENTRY SIGN- ADD ALTERNATE #1- 2 TOTAL	1/90
6.2	PARKING SIGN- ADD ALTERNATE #1- 2 TOTAL	2/90
6.3	PEDESTRIAN SIGN- ADD ALTERNATE #1- 5 TOTAL	3/90

LANDSCAPE KEYNOTES:

- 1 Asphalt roadway; Typical, see Civil plans
- 2 Asphalt walkway; Typical, see Civil plans
- 3 Crosswalk; see Civil plans
- 4 Granite curb, see Civil plans
- 5 Existing tree to remain, protect in place
- 6 Historic marker, protect in place
- 7 New light pole, see lighting plans
- 8 Existing tree to be removed (X)
- 9 Existing owners improvements to remain. Remove and reset as necessary.
- 10 Prune back plants to remain along entire sidewalk edge.
- 11 Remove and treat all invasive plants with herbicides up to 6'-0" behind edge of ROW, especially in this area.
- 12 Replace in-kind any existing landscaping impacted in this area.



LANDSCAPE PLANT LIST

KEY	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	NOTES
LARGE TREES						
AJF	2	<i>Acer x freemanii</i> 'Jeffersred'	Autumn Blaze Freeman Maple	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
ARF	4	<i>Acer rubrum</i> 'Franksred'	Red Maple	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
AA	10	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Sericeberry	2-2.5" Cal.- Lowest Branches 6' HT	Per Plan	Single stem, unless otherwise noted
LS	3	<i>Liquidambar styraciflua</i>	Sweetgum	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
NSG	1	<i>Nyssa sylvatica</i> 'Green Gables'	Green Gables Fastigate Black Tupelo	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
NSR	3	<i>Nyssa sylvatica</i> 'Red Rocket'	Red Rocket Fastigate Black Tupelo	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
NSW	2	<i>Nyssa sylvatica</i> 'Wildfire'	Wildfire Black Tupelo	4-4.5" Cal.- Lowest Branches 6' HT	Per Plan	
QB	3	<i>Quercus bicolor</i>	Swamp White Oak	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
QP	3	<i>Quercus palustris</i>	Pin Oak	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
QR	1	<i>Quercus rubra</i>	Red Oak	3-3.5" Cal.- Lowest Branches 6' HT	Per Plan	
TM	31	<i>Taxus media</i> 'Hatfieldii'	Hatfield Yew	2.5-3' B&B	Per Plan	
TO	10	<i>Thuja occidentalis</i> 'Emerald'	Emerald Green Arborvitae	7-8' Height	Per Plan	
SHRUBS AND PERENNIALS						
AB	24	<i>Agastache</i> 'Blue Fortune'	Giant Hyssop	1 Gal	18" OC	
MS	10	<i>Miscanthus sinensis</i> 'Morning Light'	Morning Light Maiden Grass	3 Gal	24" OC	
NFW	27	<i>Nepeta x faassenii</i> 'Walker's Low'	Walkers Low Catmint	1 Gal	18" OC	



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TRANSPORTATION IMPROVEMENTS
ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS

LANDSCAPE MATERIAL PLAN- 10

CONSTRUCTION DOCUMENTS
Sheet No.
84

LANDSCAPE NOTES:

GENERAL:

- WHERE ANY DISCREPANCIES EXIST BETWEEN THE SPECIFICATIONS AND DRAWINGS, BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE MORE RESTRICTIVE SHALL GOVERN (WHICH SHALL BE DETERMINED BY THE LANDSCAPE ARCHITECT.)
- FOR ALIGNMENTS, DIMENSIONS, ROADWAY, CURBS, CURB RAMPS, DETECTIBLE WARNING STRIPS, SIDEWALKS, CROSSWALKS, LIGHTING, DRAINAGE, AND GRADING, SEE ENGINEER'S DRAWINGS.
- EXISTING UNDERGROUND UTILITIES ARE SHOWN PER AVAILABLE RECORDS FROM ENGINEER. VERIFY THE ACTUAL LOCATION AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION. PROTECT EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO UTILITIES ENCOUNTERED DURING CONSTRUCTION.
- WHERE LANDSCAPE ARCHITECT'S APPROVAL IS REQUIRED, REQUEST APPROVAL AND OR INSPECTION A MINIMUM OF 14 BUSINESS DAYS IN ADVANCE. LANDSCAPE ARCHITECT MAINTAINS THE RIGHT TO REJECT WORK WHEN NOT IN CONFORMANCE WITH THE DRAWINGS OR SPECIFICATIONS.
- MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES INCLUDING POLICE DETAILS AND POST ALL BONDS, IF NECESSARY, ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE OWNER AND THE ENGINEER.
- UNLESS OTHERWISE INDICATED ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS, ALL SITE CONSTRUCTION MATERIALS AND METHODOLOGIES ARE TO CONFORM TO THE MOST RECENT VERSION OF THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION AND THE SPECIAL PROVISIONS PROVIDED.
- RESTORE ALL ADJACENT SURFACES EQUAL TO THEIR ORIGINAL CONDITION AFTER CONSTRUCTION IS COMPLETE PER SPECIFICATIONS. LEAVE ALL AREAS NOT DISTURBED BY CONSTRUCTION IN THEIR NATURAL STATE. TAKE CARE TO PREVENT DAMAGE TO SHRUBS, TREES, OTHER LANDSCAPING AND/OR NATURAL FEATURES, BUILT WALLS, FENCES AND CURBS TO REMAIN. WHEREAS THE PLANS DO NOT SHOW ALL LANDSCAPE FEATURES, EXISTING CONDITIONS MUST BE VERIFIED BY THE CONTRACTOR IN ADVANCE OF THE WORK. LOAM AND SEED ALL DISTURBED LANDSCAPE AREAS, EVEN WHERE NOT EXPLICITLY CALLED OUT ON THE DRAWINGS.

DEMOLITION AND REMOVALS:

- DEMOLITION SHALL CONSIST OF BOTH THE ITEMS NOTES IN THE ENGINEER'S AND LANDSCAPE ARCHITECT'S PLANS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER AND LANDSCAPE ARCHITECT
- ALL TREES, HEDGES, FENCES AND OTHER SITE AMENITIES TO BE REMOVED OR RESET SHALL BE MARKED IN THE FIELD BY THE CONTRACTOR FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO DEMOLITION. ANY OF THESE ITEMS, ESPECIALLY TREES, THAT ARE REMOVED WITHOUT PRIOR APPROVAL BY THE OWNERS REPRESENTATIVE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL CONFIRM THAT A TREE REMOVAL HEARING AND ALL NECESSARY TREE DEMOLITION PERMITS HAVE BEEN OBTAINED BY THE TOWN FOR EACH SPECIFIC TREE BEFORE IT IS REMOVED. ANY TREES REMOVED BY THE CONTRACTOR WITHOUT THE TREE REMOVAL PERMITS OBTAINED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE TOWN SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS.
- ALL FENCES AND WALLS WITHIN THE ROW THAT MUST BE REMOVED FOR CONSTRUCTION SHALL BE REMOVED, RETAINED, AND RESET AT THE BACK SIDE OF THE R.O.W. ALIGNMENT. THIS INCLUDES ALL ITEMS BOTH INDICATED AND NOT INDICATING IN THE DRAWINGS.

LANDSCAPE MATERIALS AND LAYOUT:

- FOR ALL PAVING PATTERNS, CONTRACTOR SHALL PROVIDE SUBMITTALS, SAMPLES AND FULL MOCKUPS TO SPECIFICATION SIZES SHOWING THE PAVING PATTERN FOR LANDSCAPE ARCHITECTS APPROVAL PRIOR TO ORDERING ANY MATERIALS. COLOR SHALL BE SELECTED BY LANDSCAPE ARCHITECT IN THE FIELD WITH CONTRACTORS SAMPLES AND MOCKUPS ONCE THEY ARE PROVIDED. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST THE COLOR AND PATTERN ONCE THE MOCKUP HAS BEEN REVIEWED IN THE FIELD.
- THE FULL LAYOUT OF ALL WALKWAYS, PLANTING BEDS, TREE LOCATIONS, CROSSWALKS AND OTHER ALIGNMENTS SHALL BE LAID OUT IN FIELD BY CONTRACTOR FOR LANDSCAPE ARCHITECTS REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. ANY WORK CONSTRUCTED WITHOUT THE LAYOUT BEING REVIEWED BY THE LANDSCAPE ARCHITECT MAY BE REJECTED AND REQUIRED TO BE REBUILT AT THE CONTRACTOR'S EXPENSES. TREE LOCATIONS MAY BE SHIFTED DUE TO FIELD CONDITION.
- INSTALL INTERSECTING ELEMENTS AT 90 DEGREE ANGLES TO EACH OTHER UNLESS OTHERWISE NOTED.
- SAWCUT ALL WORK ADJACENT OR WITHIN EXISTING PAVEMENTS. BACKFILL AND COMPACT WORK AS INDICATED ON THE DRAWING AND IN THE SPECIFICATIONS. IF SETTLEMENT OCCURS DUE TO INADEQUATE COMPACTION, AS DETERMINED BY THE LANDSCAPE ARCHITECT, WITHIN THE WARRANTY PERIOD, CONTRACTOR IS REQUIRED TO REMOVE, PATCH AND REPAVE AFTER ONE COMPLETE 24-MONTH CYCLE.

PLANTING:

- ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- THE CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS. WHERE DISCREPANCIES EXIST BETWEEN THE PLANT LIST AND THE GRAPHICS, THE HIGHER NUMBER SHALL GOVERN.
- THE CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL PROPOSED PLANTING FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING. ANY PLANTINGS INSTALLED WITHOUT APPROVAL BY THE LANDSCAPE ARCHITECT MAY BE REJECTED AND REQUIRED TO BE REINSTALLED WITH NEW PLANT MATERIALS THAT MEET THE SIZE AND SPECIFICATIONS AT THE CONTRACTOR'S EXPENSES.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT, AND CULTURE ONLY AS APPROVED BY THE LANDSCAPE ARCHITECT.
- WHERE ALL TREES ARE INDICATED, PROVIDE 24" DEEP OF CONTINUOUS NEW PLANTING SOIL IN A 48 SQUARE FOOT AREA AROUND THE ENTIRE TREE. PLANTING SOIL SHALL BE PER THE SPECIFICATIONS.
- APPLY MULCH IN ALL PLANTING BEDS AND AROUND ALL TREES FOR A 4' DIAMETER EXCEPT WHERE OTHERWISE CALLED OUT ON THE PLANS.
- CONTRACTOR SHALL HIRE A CERTIFIED ARBORIST TO PRUNE AND DEEP ROOT FERTILIZE ALL EXISTING TREES TO REMAIN WITH ANY PORTION OF THEIR CANOPY WITHIN THE RIGHT OF WAY. THIS WORK SHALL BE COMPLETED AT THE END OF THE PROJECT, PRIOR TO SUBSTANTIAL COMPLETION.

LANDSCAPE MAINTENANCE NOTES:

THE CONTRACTOR SHALL PROVIDE 1 YEAR OF FULL LANDSCAPE MAINTENANCE (MAINTENANCE PERIOD) FOR THE ENTIRE LANDSCAPE SCOPE OF THE PROJECT FROM DATE OF SUBSTANTIAL COMPLETION AS PART OF THE BASE BID OF THIS PROJECT. IN ADDITION, THE CONTRACTOR SHALL PROVIDE A TWO-YEAR ESTABLISHMENT (WARRANTY) PERIOD FROM SUBSTANTIAL COMPLETION (EQUAL TO AN ADDITIONAL YEAR PAST THE MAINTENANCE PERIOD) FOR ALL ITEMS SHOW ON THE LANDSCAPE SHEETS. LANDSCAPE MAINTENANCE SHALL INCLUDE THE FOLLOWING:

- CULTIVATION AND WEEDING PLANT BEDS. ALL PLANTED AREAS MUST REMAIN WEED FREE AT ALL TIMES.
- WATER ALL TREES, PLANTINGS AND SEED AREAS FOR ESTABLISHMENT AND IN TIMES OF DROUGHT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER TO SITE. DURING FIRST YEAR OF PLANT ESTABLISHMENT, CHECK FOR MOISTURE PENETRATION THROUGHOUT ROOT ZONE TO 6" AT LEAST ONCE A MONTH. FILL SLOW RELEASE TREE WATERING BAGS. ADJUST SUPPLEMENTAL WATERING AS REQUIRED.
- PRUNING, INCLUDING REMOVAL OF DEAD OR BROKEN BRANCHES.
- SOIL TESTS- PROVIDE A SOIL TESTS FOR A PLANTING AND LAWN AREAS 6 MONTHS INTO MAINTENANCE CONTRACT. CONTRACTOR IS REQUIRED TO APPLY ORGANIC FERTILIZER AND ADJUST PH WITH AMENDMENTS FOR ALL LAWNS, TREES AND PLANTING BEDS AFTER SOIL TEST AT RATES PER SOIL TEST RECOMMENDATIONS FOR THOSE TYPES OF PLANTINGS. SUBMIT TEST RESULTS AND AMENDMENT PLAN FOR LANDSCAPE ARCHITECTS APPROVAL PRIOR TO COMPLETING.
- APPLY DISEASE AND INSECT CONTROL ONLY IF REQUIRED AND WITH LANDSCAPE ARCHITECT'S PERMISSION. ONLY ORGANIC PRODUCTS ARE PERMITTED UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT
- REPLACEMENT OF MULCH.
- REMOVAL OF TRASH WITHIN ALL NEW PLANTING AREAS AND LAWNS. SWEEP ALL SIDEWALK AREAS TO KEEP CLEAN AND NEAT.
- LAWN AREAS SHOULD BE MOWED TO 3" HEIGHT ABOVE FINISHED GRADE IN ORDER TO RENEW GROWTH, IMPROVE DENSITY AND ATTRACTIVENESS. SUBMIT SUGGESTED MOWING SCHEDULE TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO MOWING. TRIM EDGES AS NEEDED FOR NEAT APPEARANCE.
- APPLY A SLOW RELEASE ORGANIC FERTILIZER ONCE IN SPRING AND AGAIN IN THE FALL TO ALL LAWN AREAS AT RATES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. APPLY FERTILIZER WHEN GRASS IS DRY AND PREFERABLY AFTER MOWING. DO NOT APPLY DURING HOT WEATHER OR WHEN GRASS IS UNDER STRESS. WATER IMMEDIATELY AFTER APPLICATION.
- DISPOSE OF PRUNED MATERIALS, EXCESSIVE LAWN CLIPPINGS AND LEAVES, SWEEP WALKWAYS AND RAKE SMOOTH MULCHED AREAS. ALL SPRING AND FALL CLEANUPS MUST BE DONE IN A TIMELY MANNER TO KEEP THE LANDSCAPE AREAS FREE OF LEAVES AND NATURAL DEBRIS. REMOVE FROM SITE BAGS OF LEAVES, TRASH AND EVIDENCE OF MAINTENANCE ACTIVITIES AT THE END OF EACH MAINTENANCE VISIT.

ADD ALTERNATE 1- WAYFINDING SIGNAGE NOTES:

AN ADD ALTERNATE PRICE SHALL BE PROVIDED FOR THE DESIGN AND CONSTRUCTION OF A SIGNAGE SYSTEM AS INDICATED IN THE DRAWINGS. LOCATIONS FOR THE SIGNS AND GENERAL DESIGN INTENT IS INDICATED. CONTRACTOR IS RESPONSIBLE FOR DESIGNING THE FULL DETAILS OF THE SIGNAGE SYSTEM, INCLUDING BUT NOT LIMITED TO FOUNDATIONS, STRUCTURAL SUPPORTS, AND ALL SIGNAGE ELEMENTS. CONTRACTOR SHALL SUBMIT SHOW DRAWINGS SHOWING ALL ELEMENTS OF THE SIGNAGE DESIGN TO THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE FOR APPROVAL. OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT RESERVE THE RIGHT TO MAKE CHANGES TO THE SHOP DRAWINGS TO REFLECT THE DESIRED HISTORIC DESIGN INTENT. EXACT CONTENT OF EACH SIGN WILL BE PROVIDED BY THE TOWN DURING THE SHOP DRAWING PROCESS.

GENERAL DETAILS INDICATING BASIC INTENT FOR THE PROPOSED SIGNS ARE INCLUDED IN THE DRAWING SET.

THE FOLLOWING SHALL BE ASSUMED AND INCLUDED IN THE SIGNAGE ELEMENTS:

- ALL TEXT ON PEDESTRIAN WAYFINDING SIGNS SHALL BE A MINIMUM OF 3" HEIGHT.
- ALL TEXT ON THE VEHICULAR WAYFINDING SIGNS (REGIONAL DISTRICT SIGNS AND PARKING SIGNS) SHALL BE A MINIMUM 6" HEIGHT.
- MATERIALS FOR THE SIGNS SHALL BE CARVED HIGH DENSITY URETHANE FOAM (HDU), OFF-WHITE BACKGROUND (FINISH OF ALL POSTS AND SIGNS TO MATCH) WITH BLACK LETTERS. EXACT SHADES OF WHITE AND BLACK SHALL BE DETERMINED FROM COLOR SAMPLES. POST SHALL BE PRESSURE TREATED WOOD (WITHOUT BLEMISHES, KNOTS, OR ROUGH SURFACES), PRIMED AND PAINTED WHITE.
- ALL STRUCTURAL ENGINEERING OF THE SIGNS, FOUNDATIONS, ATTACHMENTS, AND INSTALLATION DETAILS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL POSTS SHALL BE DIRECT BURIED INTO THE GROUND, AT NECESSARY DEPTHS AND INSTALLATION DETAILS AS DETERMINED BY THE SIGN MANUFACTURER AND STRUCTURAL ENGINEER.
- CONTRACTOR SHALL PROVIDE A TEN YEAR WARRANTY ON BOTH THE INSTALLATION AND MATERIALS OF ALL SIGNAGE ELEMENTS.



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TRANSPORTATION IMPROVEMENTS
 ALONG ROUTE 6A AND MILLWAY
 BARNSTABLE, MASSACHUSETTS

LANDSCAPE NOTES

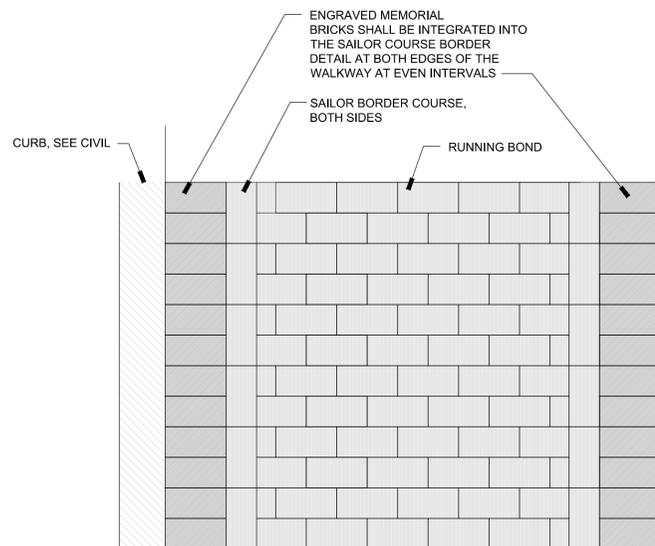
CONSTRUCTION DOCUMENTS

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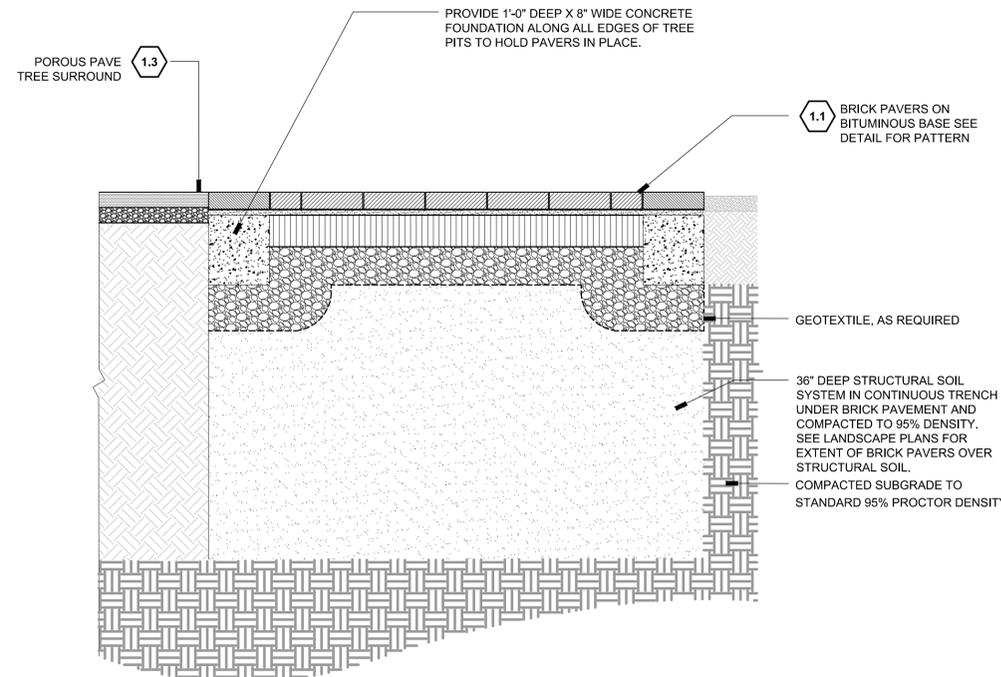
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LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

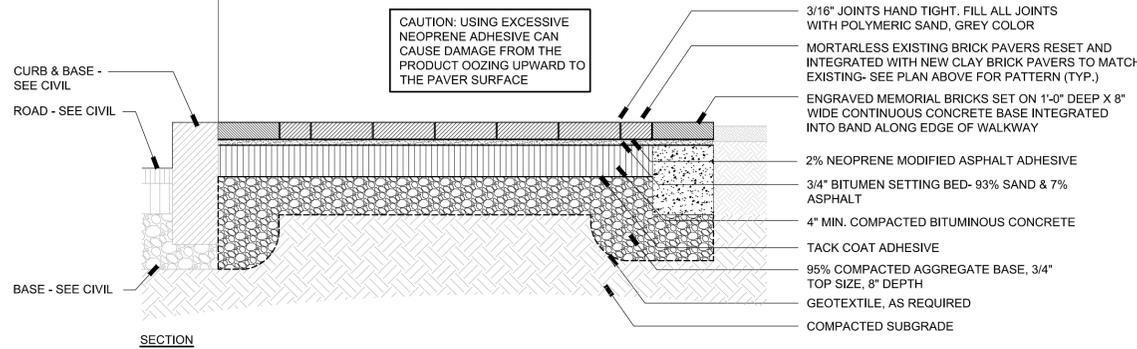
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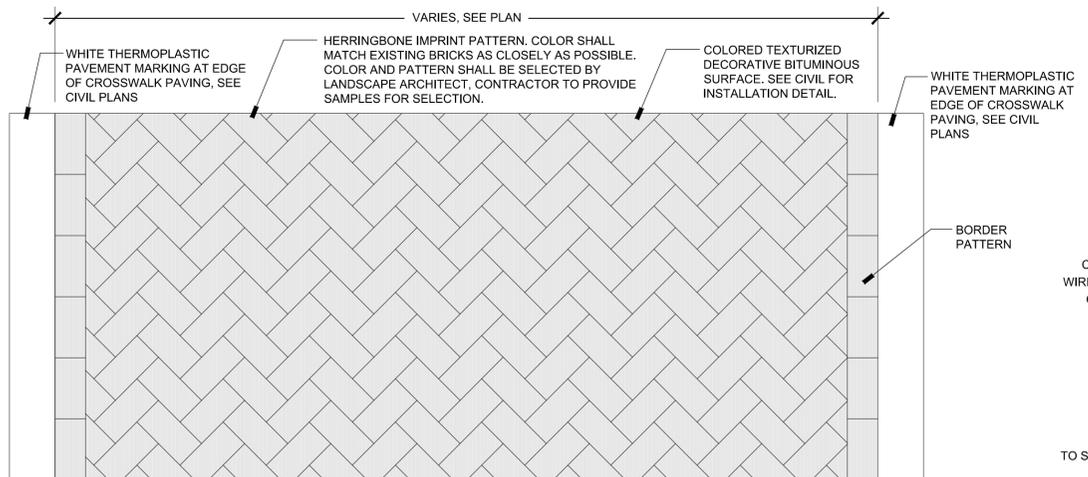
- NOTES:**
- The existing brick sidewalks throughout the whole downtown area shall be removed and all bricks stockpiled for reuse. Contractor shall make a map of the existing location of all existing engraved bricks with memorial names. These bricks must be removed and stockpiled for reuse, and shall be reinstalled in approximately the same location in the new walks as they were in the existing condition (within 10 feet), but shall be installed into the sailor course border detail on either side of the new brick walkways. Memorial bricks shall be spaced apart as evenly as possible to create a border that is uniform in appearance. Memorial bricks shall be integrated into the borders on both sides of the sidewalk, an shall be staggered in location across the sidewalk. Contractor shall build a 6' long x 6' wide mockup for Landscape Architect's approval of the color, pattern and memorial brick installation prior to ordering any materials.
 - Do not reuse bricks with chips, cracks, or other visible defects. Individual bricks that are in poor condition will be replaced with new bricks of the same color and style by the Contractor and shall be included in this item. Any memorial bricks that have defects should be brought to the attention of the Town before being installed. Memorial bricks with defects will be cataloged by the Contractor and resupplied in new condition by the Contractor. The Contractor is responsible for coordinating the new memorial brick engraving schedule and delivery to this site as well as installation.
 - The Town will also be supplying new memorial bricks to the Contractor for incorporation into the new sidewalks. The memorial brick engraving process is being coordinated by the Town in conjunction with the Barnstable Village Association. The Contractor is responsible for coordinating the brick engraving schedule and delivery to the site of the new memorial bricks, and installation of these bricks into the new brick walks. New memorial bricks shall be located in any location with the extent of the project, within the borders of the new walks as shown on the drawings.
 - New clay bricks in the same color and style will be required to be purchased and installed by the Contractor to complete the areas of brick sidewalks indicated on the drawings and are included in this item. New bricks shall be evenly distributed and integrated into the new walkways so that areas of new brick are not segregated.
 - Brick walkways will be re-laid to match the patterns as shown in the Drawings and as directed by the Landscape Architect.



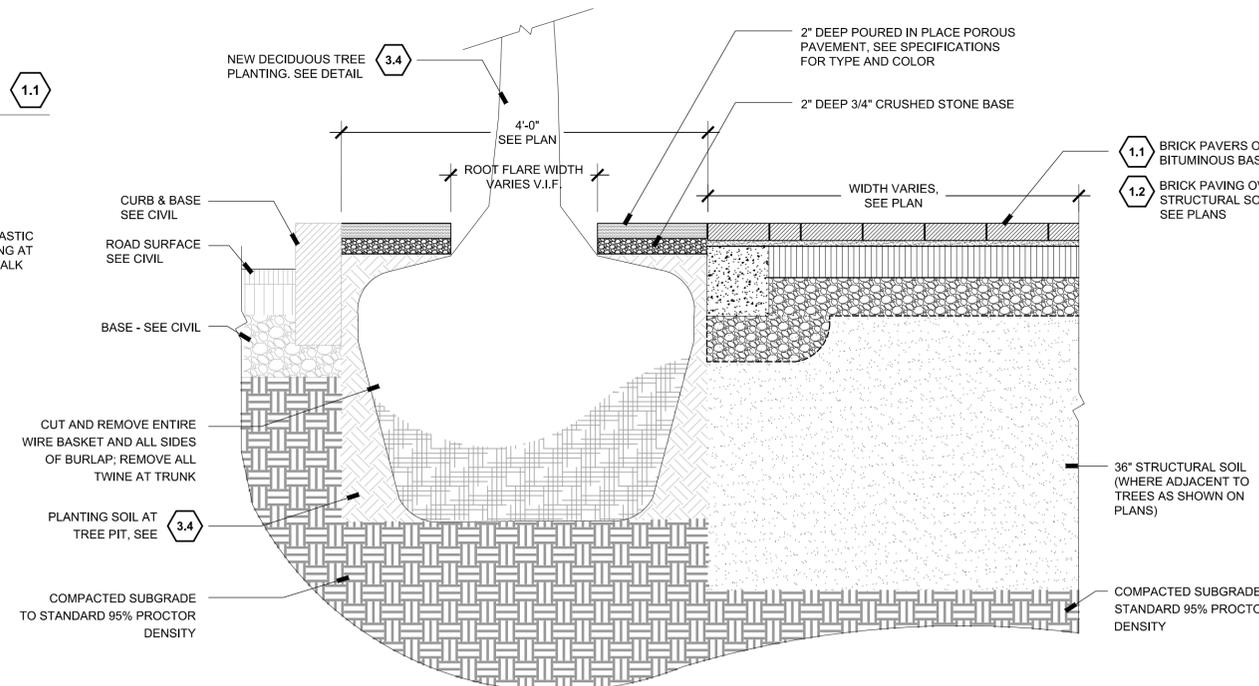
2 BRICK PAVING OVER STRUCTURAL SOIL 1'-1'-0"



1 RE-LAID BRICK PAVERS ON BITUMINOUS BASE 1'-1'-0"



3 FLUSH CROSSWALK PAVING 1'-1'-0"



4 POROUS PAVE TREE SURROUND 1'-1'-0"



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TRANSPORTATION IMPROVEMENTS ALONG ROUTE 6A AND MILLWAY BARNSTABLE, MASSACHUSETTS

LANDSCAPE DETAILS: PAVING- 01

CONSTRUCTION DOCUMENTS

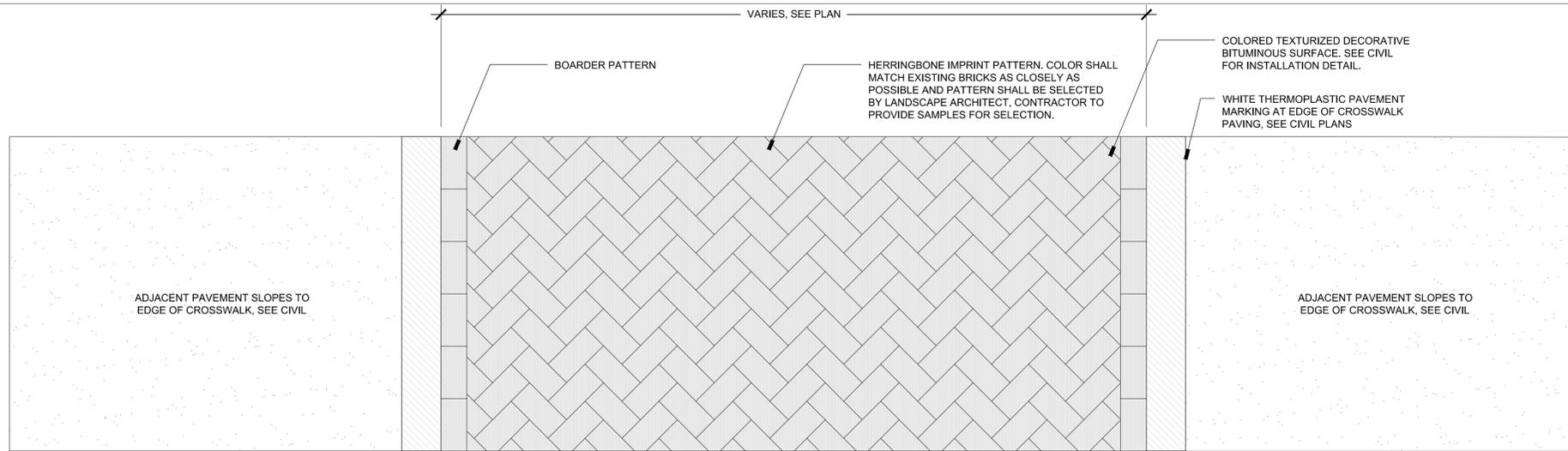
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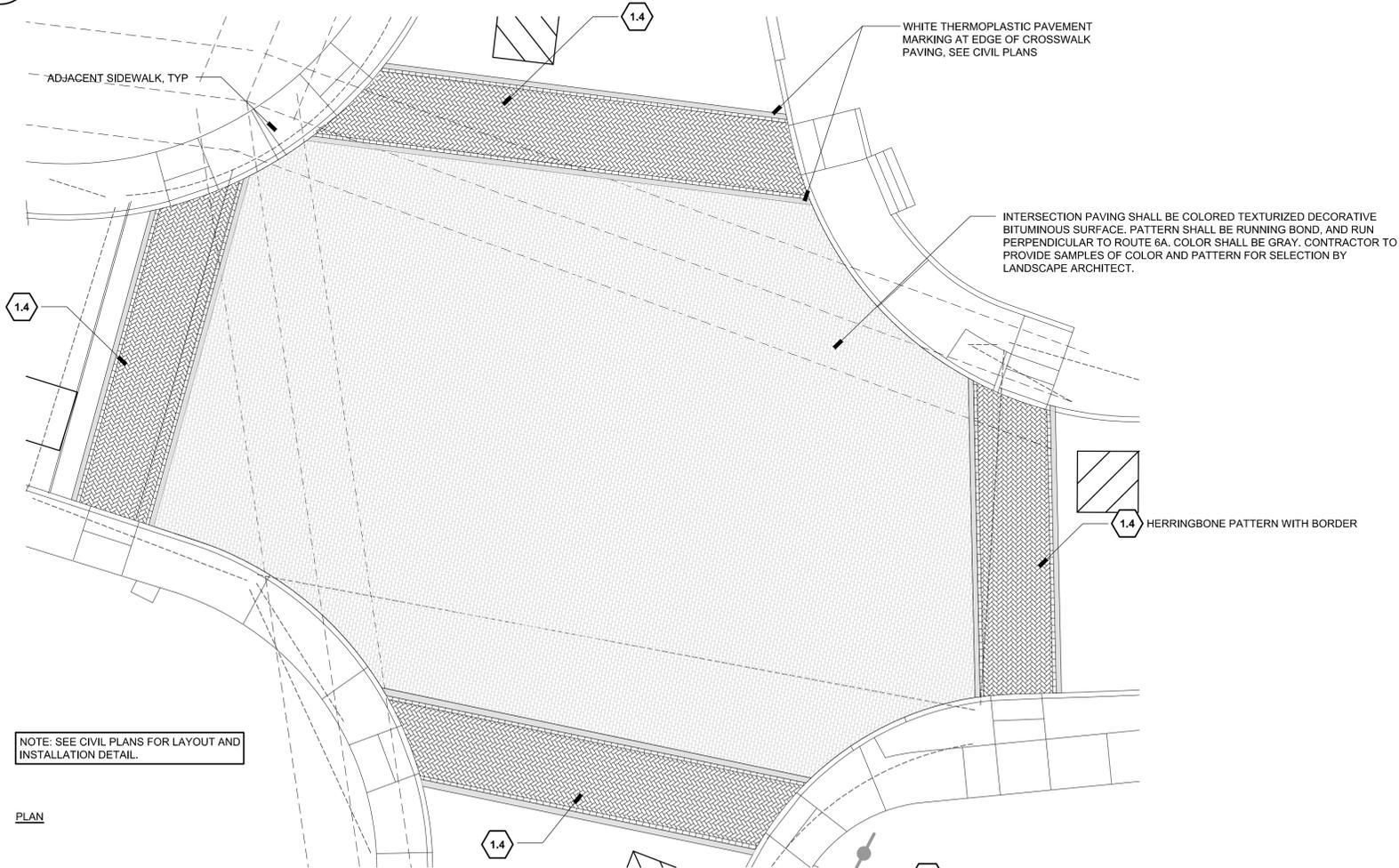


NOTE: SEE CIVIL PLAN SET FOR INSTALLATION DETAIL.

PLAN

1 RAISED CROSSWALK PAVING

1" -1'-0"



2 INTERSECTION PAVING

1" -1'-0"



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TRANSPORTATION IMPROVEMENTS
ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS

LANDSCAPE DETAILS:
PAVING- 02

CONSTRUCTION DOCUMENTS

Sheet No.

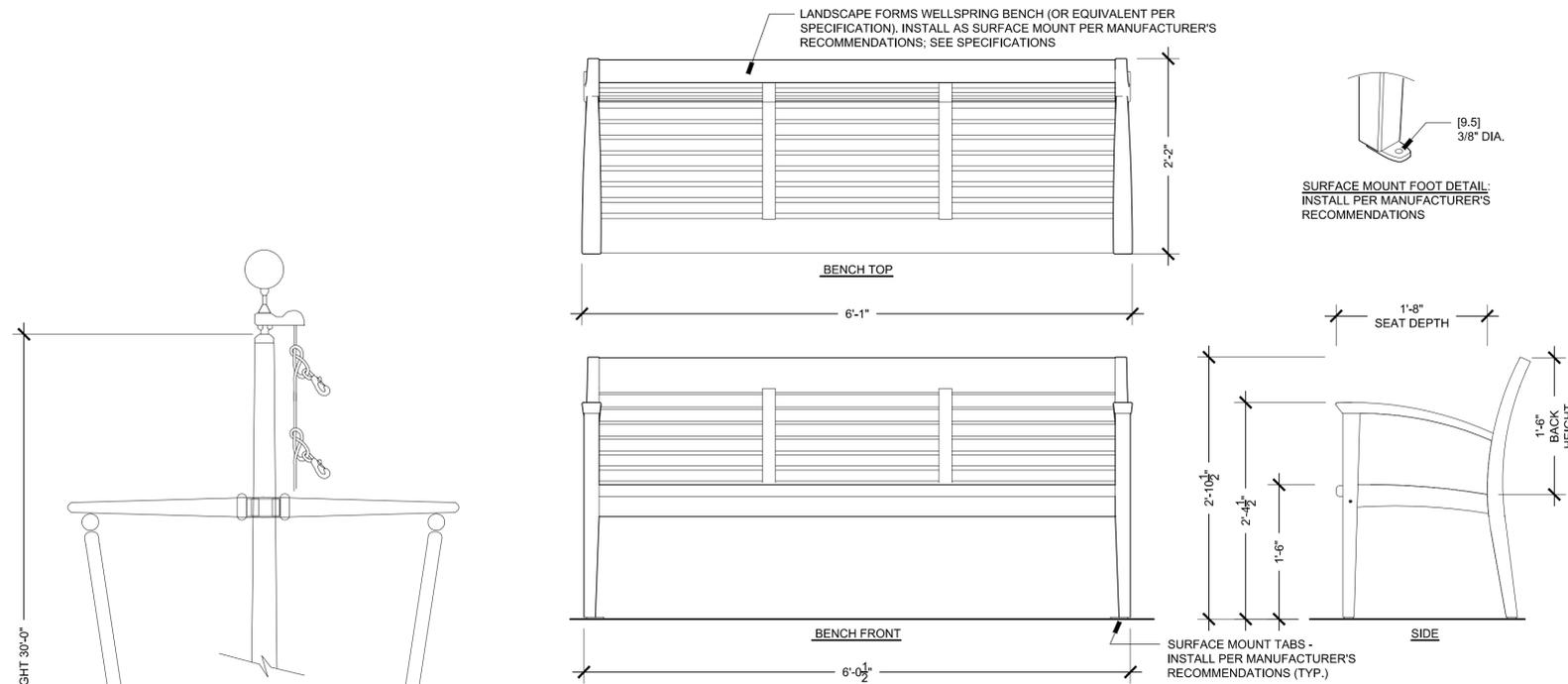
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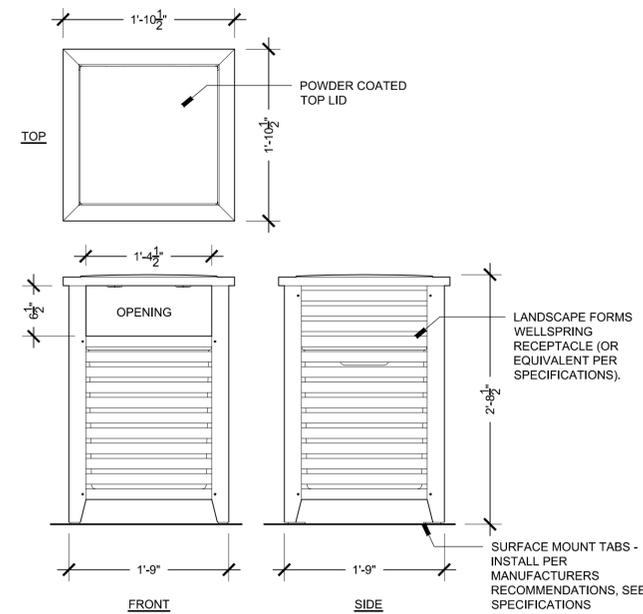
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LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

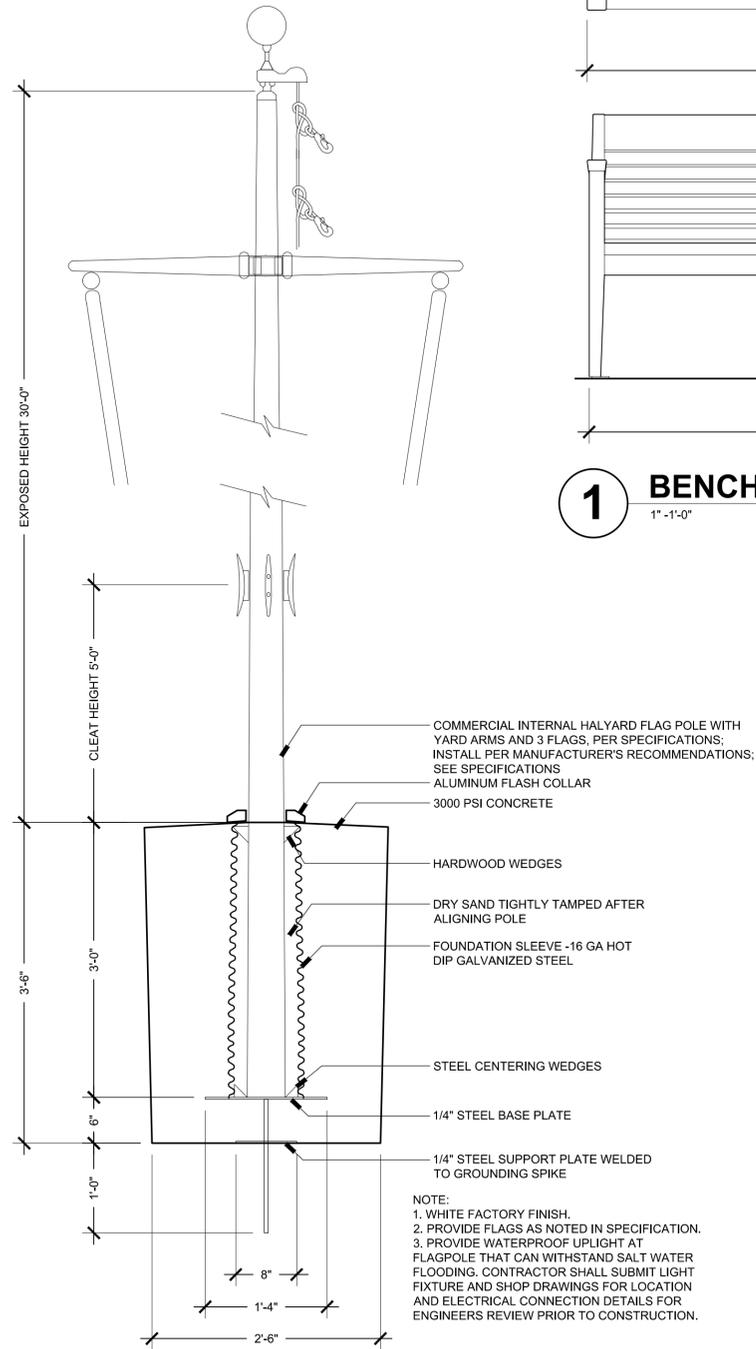
1.0 PAVEMENT		
1.1	RE-LAID BRICK PAVERS ON BITUMINOUS BASE	1/ 86
1.2	BRICK PAVING OVER STRUCTURAL SOIL	2/ 86
1.3	POROUS PAVE TREE SURROUND	4/ 86
1.4	FLUSH CROSSWALK PAVING	3/ 86
1.5	RAISED CROSSWALK PAVING	1/ 87
1.6	INTERSECTION PAVING	2/ 87
2.0 SITE LIGHTING		
SEE ENGINEERS DRAWINGS		
3.0 PLANTING		
3.1	LOAM AND SEED	1/ 89
3.2	PERENNIAL PLANTING	2/ 89
3.3	NEW SHRUB PLANTING	3/ 89
3.4	NEW DECIDUOUS TREE	4/ 89
3.5	NEW EVERGREEN TREE	5/ 89
5.0 SITE FURNISHING		
5.1	BENCH- 5 TOTAL	1/ 88
5.2	TRASH RECEPTACLE- 4 TOTAL	2/ 88
5.3	FLAGPOLE- 1 TOTAL	3/ 88
5.5	BIKE RACK- 3 TOTAL	4/ 88
6.0 SIGNAGE- ADD ALTERNATE #1		
6.1	DISTRICT ENTRY SIGN- ADD ALTERNATE #1- 2 TOTAL	1/ 90
6.2	PARKING SIGN- ADD ALTERNATE #1- 2 TOTAL	2/ 90
6.3	PEDESTRIAN SIGN- ADD ALTERNATE #1- 5 TOTAL	3/ 90



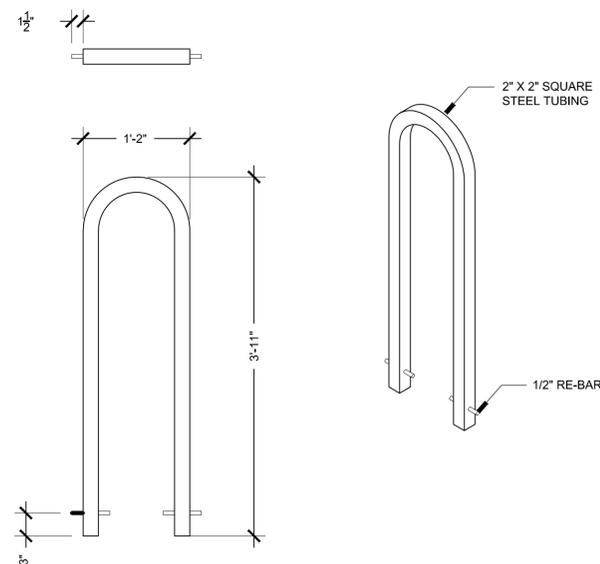
1 BENCH
1" -1'-0"



2 TRASH RECEPTACLE
1" -1'-0"



3 FLAGPOLE
1" -1'-0"



4 BIKE RACK
1" -1'-0"



MARK	DATE	DESCRIPTION	Scale	AS NOTED
			Date	OCTOBER 2018
			Job No.	271-1607
03	10/19/18	REVISED FINAL SUBMISSION	Designed by	KK & SCH
02	08/22/18	FINAL SUBMISSION	Drawn by	SCH & EH
01	08/01/18	DRAFT PRELIMINARY DESIGN SUBMISSION	Checked by	KK
			Approved by	KK

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

TRANSPORTATION IMPROVEMENTS
ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS

LANDSCAPE DETAILS:
FURNITURE- 03

CONSTRUCTION DOCUMENTS

Sheet No.

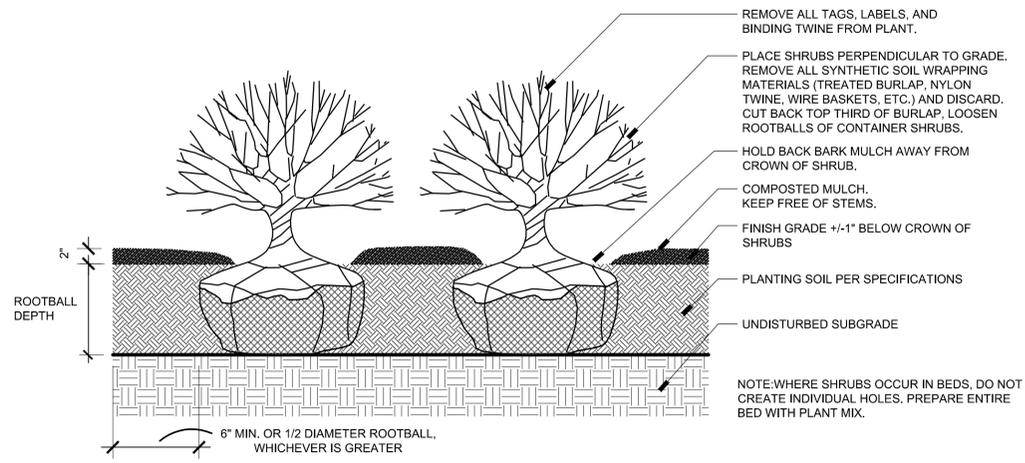
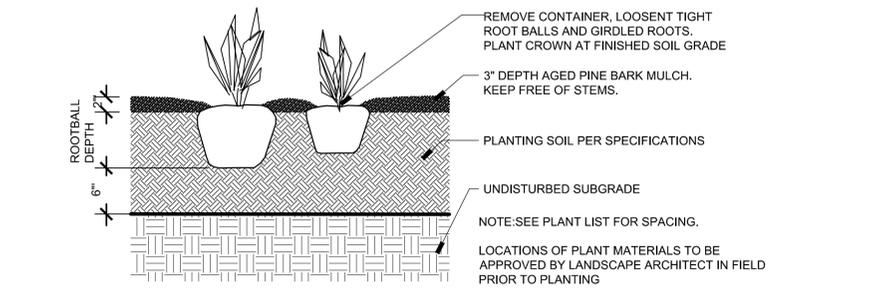
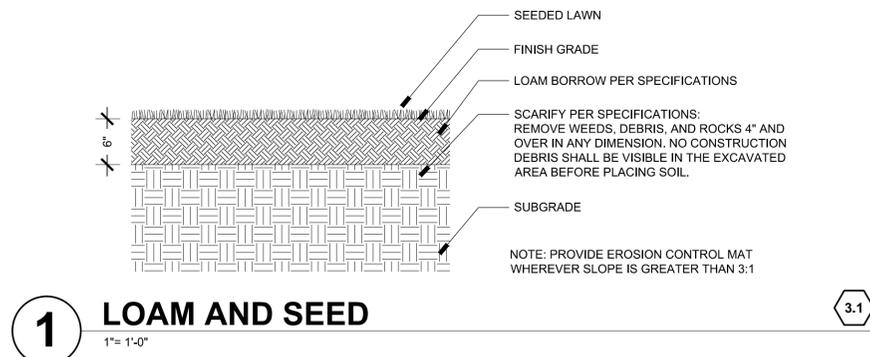
88



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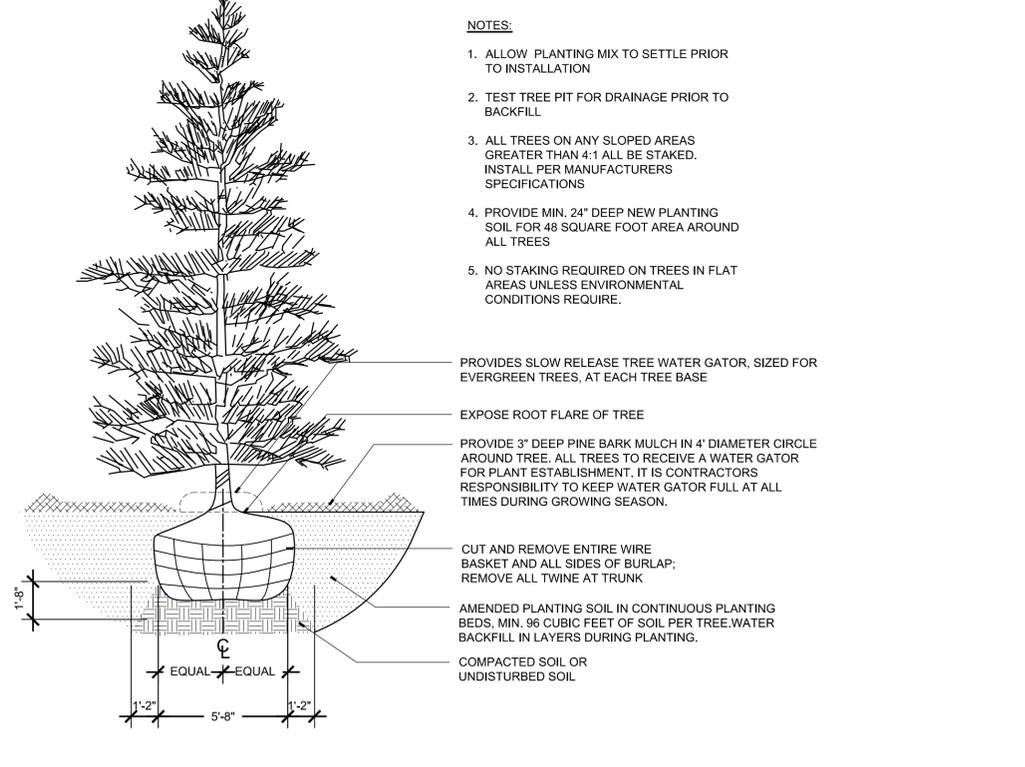
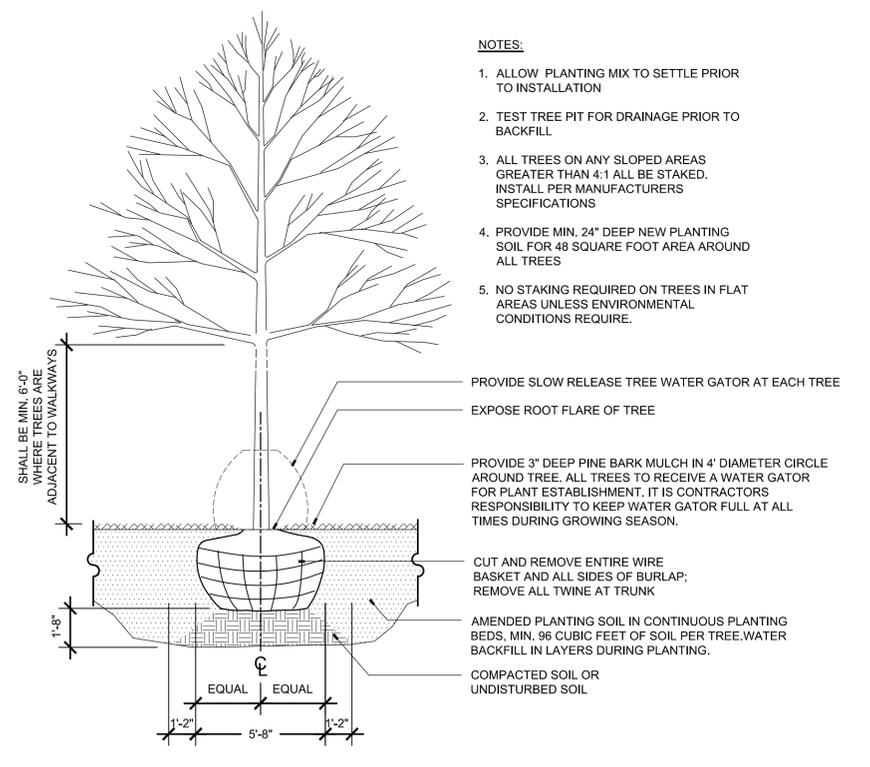
LANDSCAPE DETAIL KEYNOTES: DETAIL/SHEET

1.0 PAVEMENT		
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2 PERENNIAL PLANTING
1" = 1'-0"

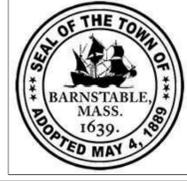
3 SHRUB PLANTING
1" = 1'-0"



4 NEW DECIDUOUS TREE
NTS

5 NEW EVERGREEN TREE
NTS

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TRANSPORTATION IMPROVEMENTS
ALONG ROUTE 6A AND MILLWAY
BARNSTABLE, MASSACHUSETTS

LANDSCAPE DETAILS:
PLANTING- 04

CONSTRUCTION DOCUMENTS
Sheet No.
89