

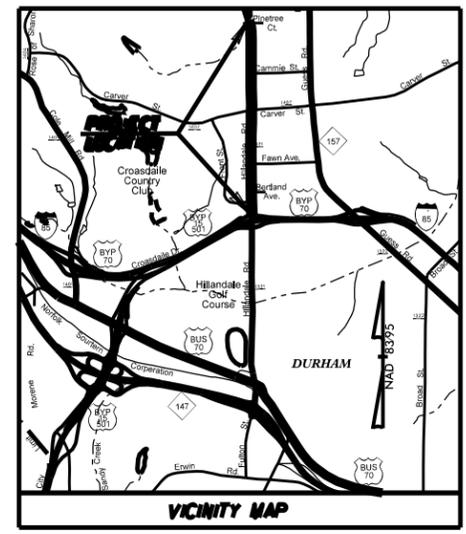
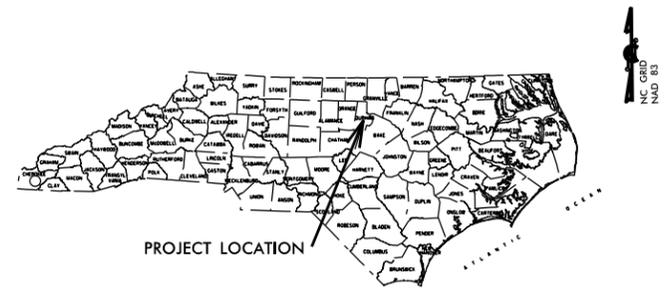
PROJECT: U-3804 LANDSCAPE PLANTING



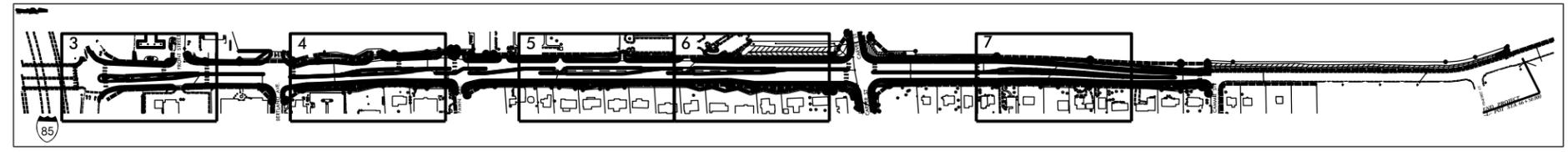
# PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. # <b>U-3804</b>	STATE PROJECT W.B.S. #	SHEET # <b>L1</b>	SHEET # TOTAL <b>7</b>
FED. PROJ. # <b>-</b>	DESCRIPTION <b>Planting</b>		DIVISION <b>5</b>



Plan Sheet Key



### Summary of Quantities

Summary of Quantities: Hillandale Road Median, Durham											
Des	Sec	Qty.	Unit	Key	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
L	1670	<b>2233</b>	EA	HA	<i>Hemerocallis 'Buttered Popcorn'</i>	Buttered Popcorn Daylily			2-3 fan min. BR	12.2.5	30" o.c.
L	1670	<b>674</b>	EA	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			32/flat.	12.4	36" o.c.
L	1670	<b>32</b>	EA	LT	<i>Lagerstroemia 'Tonto'</i>	Tonto Crape Myrtle	6-8'		B&B	1.3.2.1	22.5' o.c.
L	1670	<b>1363</b>	EA	LM	<i>Liriope muscari 'Big Blue'</i>	Big Blue Liriope			SP 4	12.5	24" oc.
2729	1670	<b>290</b>	EA	CY	Mulch for Planting						
2731	1670	<b>18</b>	EA	M/G	Water for Planting						
2732	1670	<b>2690</b>	EA	SY	Pre-emergent Herbicide Treatment						

#### CONVENTIONAL SYMBOLS

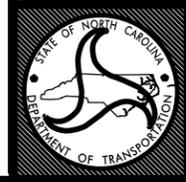
County Line	-----
City or Town Line	-----
Exist. Right of Way Line Marker	-----▲-----
Prop. Right of Way Line Marker (By Others)	-----▲-----
Prop. Right of Way Line Marker (By Contract)	-----▲-----
Exist. Control of Access Line	-----⊕-----
Prop. Control of Access Line	-----⊕-----
Property Line	-----
Easement Line	-----
Slope Stake Line	-----
Exist. Fence	-----
Prop. Woven Wire Fence	-----
Prop. Chain Link Fence	-----
Exist. Road	-----
Prop. Road	-----
Guardrail	-----
Survey Line	-----
Denotes Line Equality	-----
Bridge	-----
Culvert	-----
Railroad	-----
Woods	-----
Exist. Telephone Pole	-----
Prop. Telephone Pole	-----
Tower Pole and Line	-----
Exist. Power Pole	-----
Prop. Power Pole	-----
Sanitary Sewer Line	-----
Water Line	-----
Gas Line	-----
Picnic Shelter	-----
Regeneration	-----
Reforestation	-----

#### INDEX OF L SHEETS:

L 1	... TITLE, DESCRIPTION, LOCATION
L 2	... PLANTING DETAILS
L 3-7	... PLANTING PLANS

PREPARED BY: DW DATE: 10/1/12  
REVISIONS

DATE	DESCRIPTION

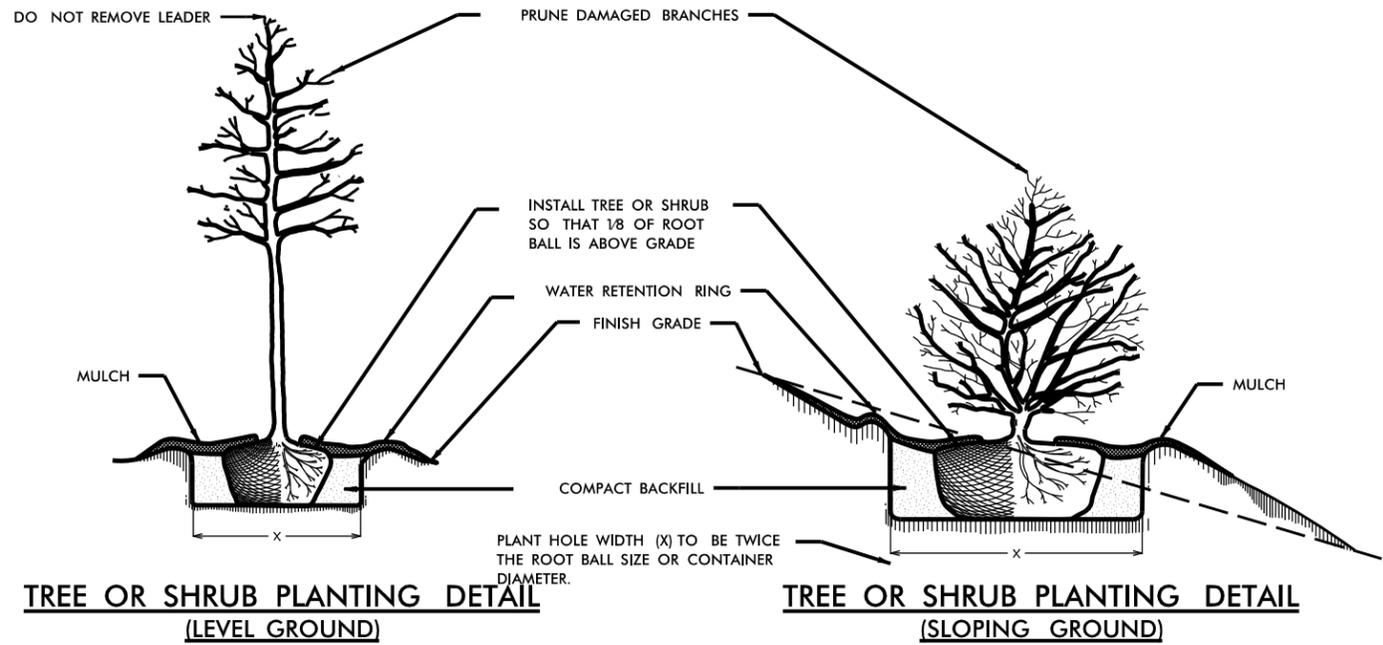


STATE OF  
NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

LOCATION:	Hillandale Road Median North of I-85
TYPE OF WORK:	Landscape Planting
COUNTY:	Durham County

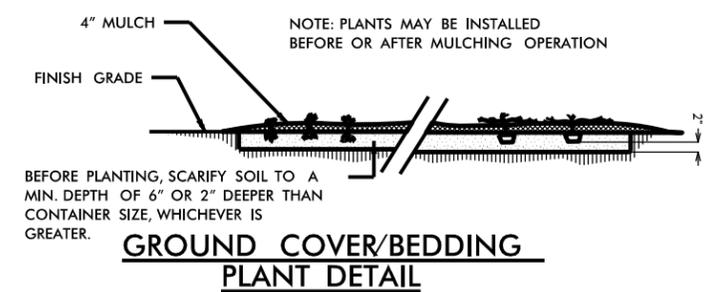
D Wilson

2004 American Standard for Nursery Stock  
2012 NCDOT STANDARD SPECIFICATIONS  
PREPARED IN THE OFFICE OF:  
NCDOT- ROADSIDE ENVIRONMENTAL UNIT  
LANDSCAPE DESIGN & DEVELOPMENT SECTION  
1557 MAIL SERVICE CENTER  
RALEIGH NC 27699 919-707-2920

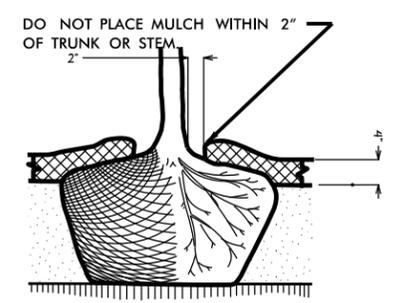


**TREE OR SHRUB PLANTING DETAIL**  
(LEVEL GROUND)

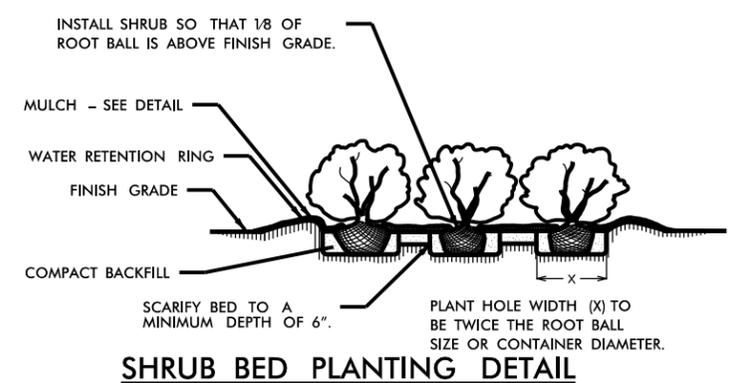
**TREE OR SHRUB PLANTING DETAIL**  
(SLOPING GROUND)



**GROUND COVER/BEDDING PLANT DETAIL**

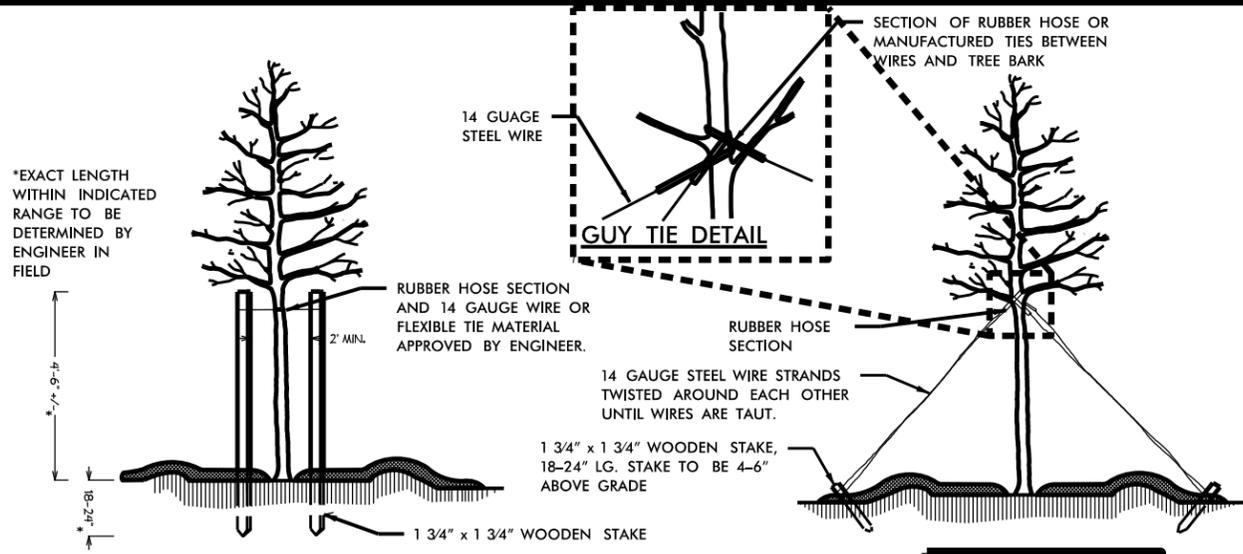


**MULCH DETAIL**



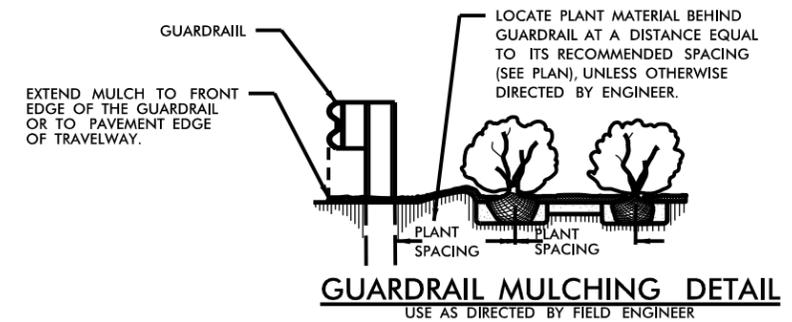
**SHRUB BED PLANTING DETAIL**

- NOTES:**
- SCHEDULE FOR PLANT HOLE SIZE: PLANT HOLE WIDTH (X) TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.
  - SEE STANDARD SPECIFICATIONS FOR PLANT BED FUMIGATION AND HERBICIDAL TREATMENT.
  - APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLET OR TABLET. APPLY AT RATE RECOMMENDED BY MANUFACTURER. BOTH RATE AND FORMULATION MUST BE APPROVED BY FIELD ENGINEER PRIOR TO APPLICATION.
  - REMOVE WIRE BASKET AND FOLD BURLAP BACK FROM TOP OF ROOT BALL BEFORE BACKFILLING IS COMPLETE.
  - ALL PRUNING TO FOLLOW STANDARD ARBORICULTURAL PRACTICES AS SPECIFIED BY INTERNATIONAL SOCIETY OF ARBORICULTURE.
  - DO NOT ATTEMPT TO STRAIGHTEN A TREE THAT HAS BEEN PLANTED AT AN ANGLE WITH THE USE OF STAKING OR GUYING. DIG TREE AND REPLANT TO UPRIGHT POSITION.

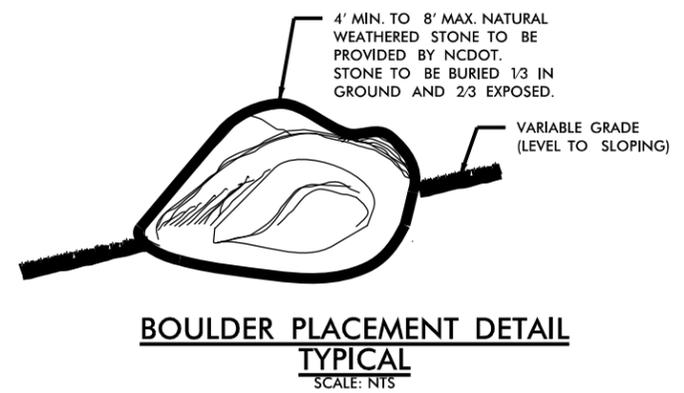


**PLAN VIEW STAKING DETAIL**  
(TREES 6'-10')  
USE AS DIRECTED BY FIELD ENGINEER

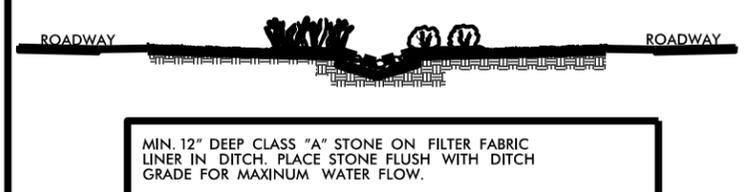
**PLAN VIEW GUYING DETAIL**  
(TREES 10' OR LARGER)  
USE AS DIRECTED BY FIELD ENGINEER



**GUARDRAIL MULCHING DETAIL**  
USE AS DIRECTED BY FIELD ENGINEER



**BOULDER PLACEMENT DETAIL TYPICAL**  
SCALE: NTS



**CLASS "A" STONE DITCH LINING DETAIL**



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Hillandale Street, Durham  
Durham County  
PROJECT #:

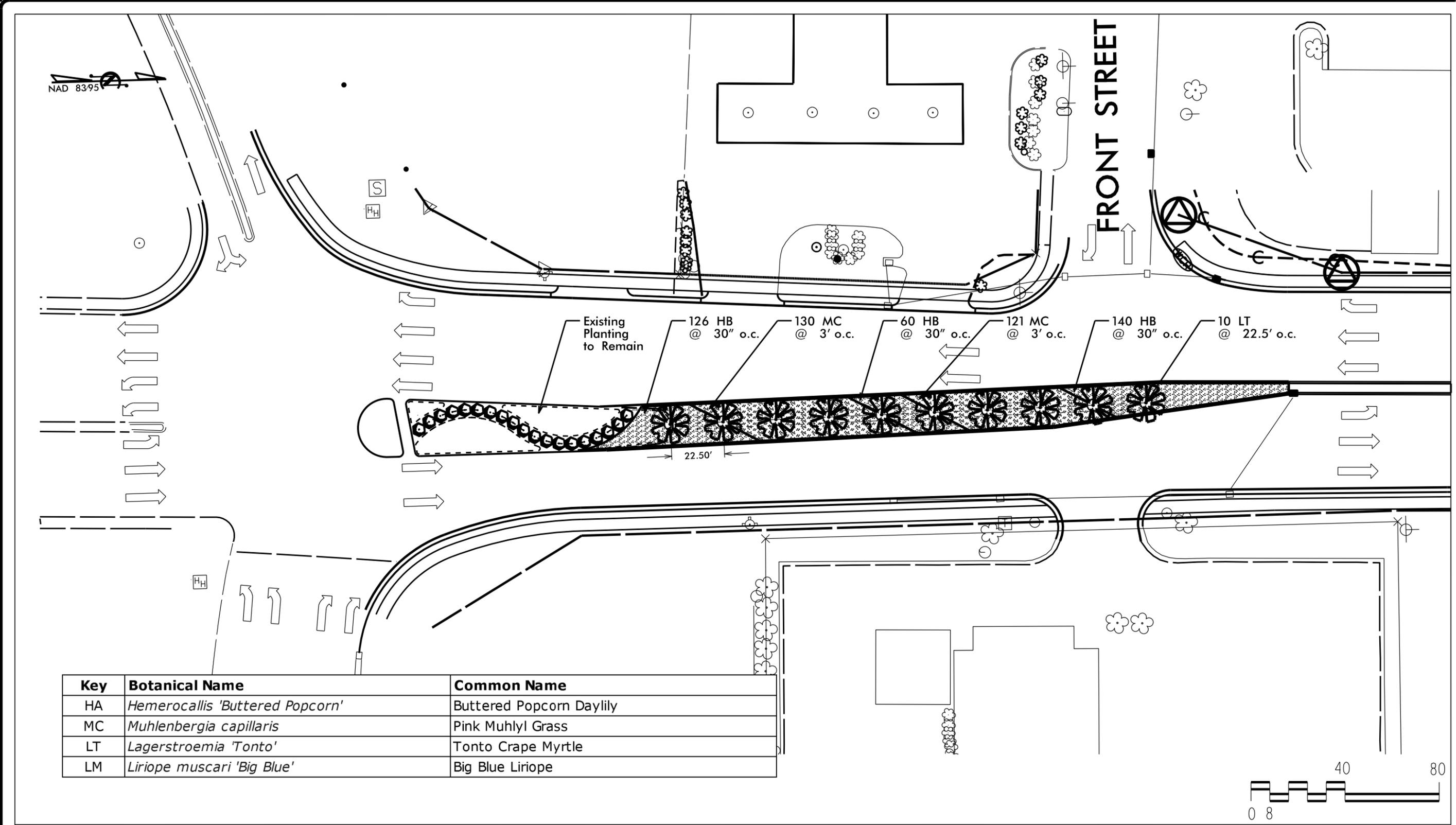
REV DESIGNER:  
D Wilson

PLANTING DETAILS
USE AS APPLICABLE

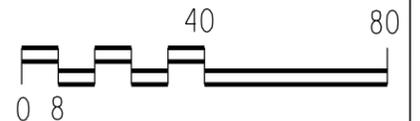
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CHECKED BY & DATE:	
FINAL DESIGN DATE:	OCTOBER 1, 2012



SHEET NO:  
**L 2**  
TOTAL SHEET NO:  
7



Key	Botanical Name	Common Name
HA	<i>Hemerocallis 'Buttered Popcorn'</i>	Buttered Popcorn Daylily
MC	<i>Muhlenbergia capillaris</i>	Pink Muhlyl Grass
LT	<i>Lagerstroemia 'Tonto'</i>	Tonto Crape Myrtle
LM	<i>Liriope muscari 'Big Blue'</i>	Big Blue Liriope



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Hillandale Street, Durham  
 Durham County

PROJECT #:

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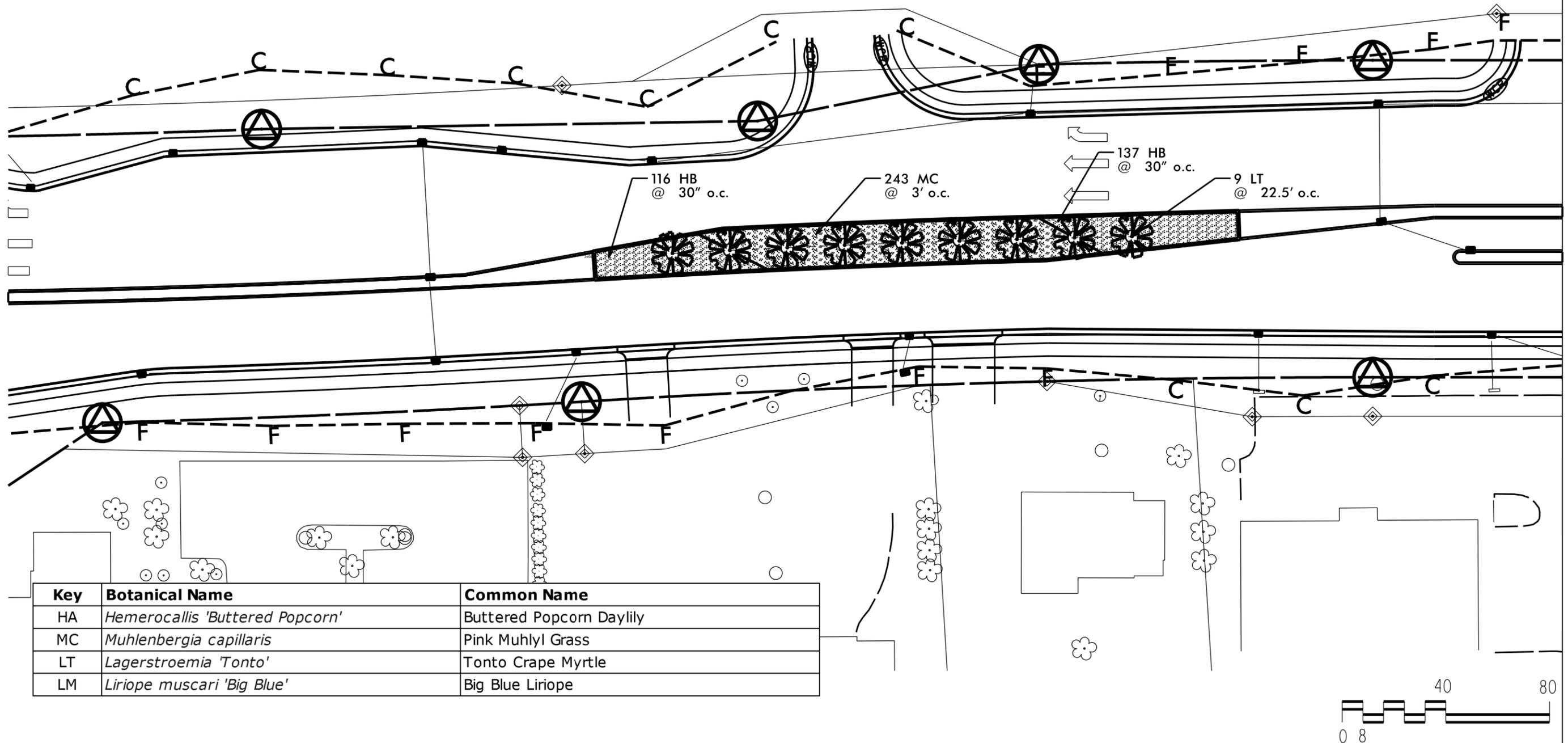
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PREL DESIGN DATE: AUGUST 2012  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: OCTOBER 1, 2012



SHEET NO: **L-3**  
 TOTAL SHEET NO: 7

NAD 8395



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Hillandale Street, Durham  
 Durham County  
 PROJECT #:

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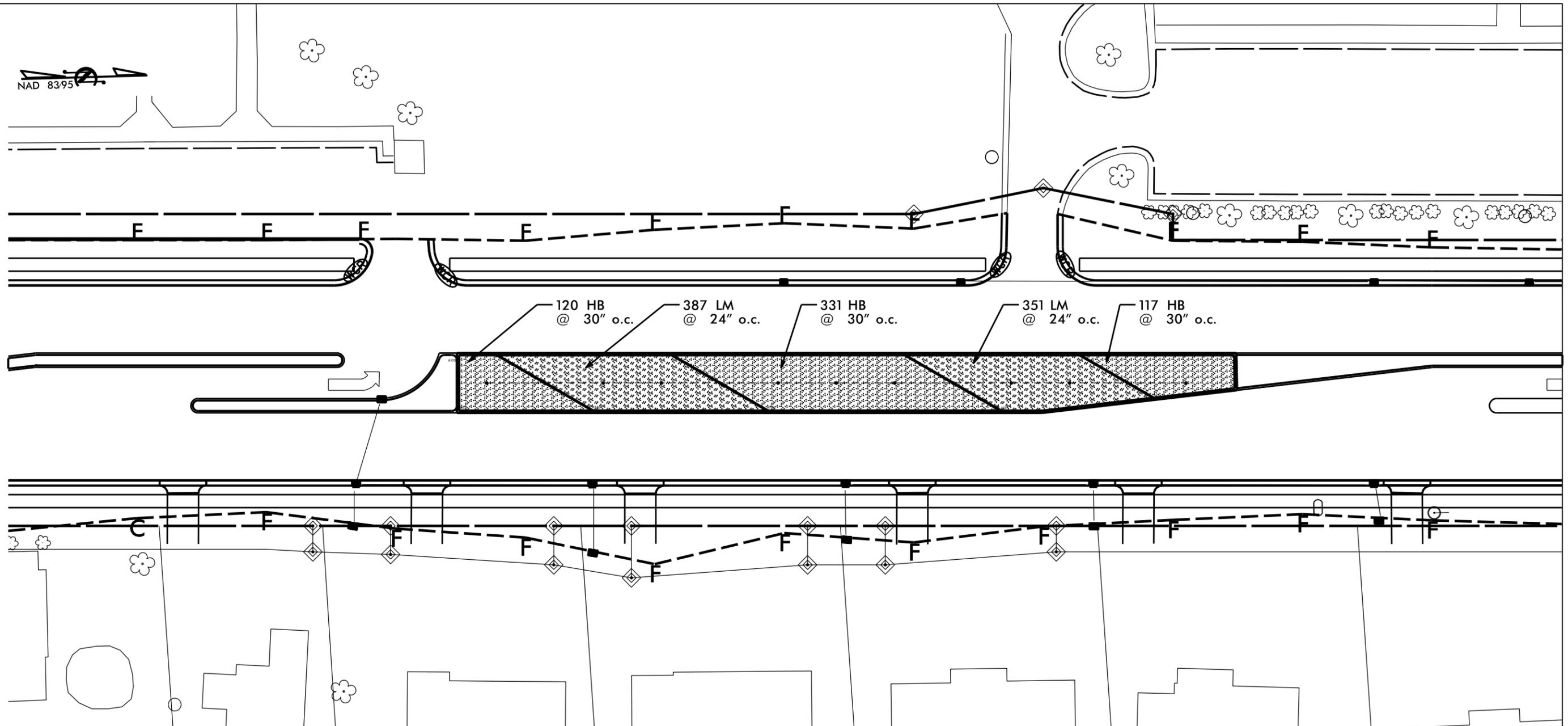
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 CHECKED BY & DATE:  
 FINAL DESIGN DATE: OCTOBER 1, 2012



SHEET NO: **L-4**  
 TOTAL SHEET NO: 7

NAD 8395



Key	Botanical Name	Common Name
HA	<i>Hemerocallis 'Buttered Popcorn'</i>	Buttered Popcorn Daylily
MC	<i>Muhlenbergia capillaris</i>	Pink Muhlyl Grass
LT	<i>Lagerstroemia 'Tonto'</i>	Tonto Crape Myrtle
LM	<i>Liriope muscari 'Big Blue'</i>	Big Blue Liriope



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Hillandale Street, Durham  
 Durham County

PROJECT #:

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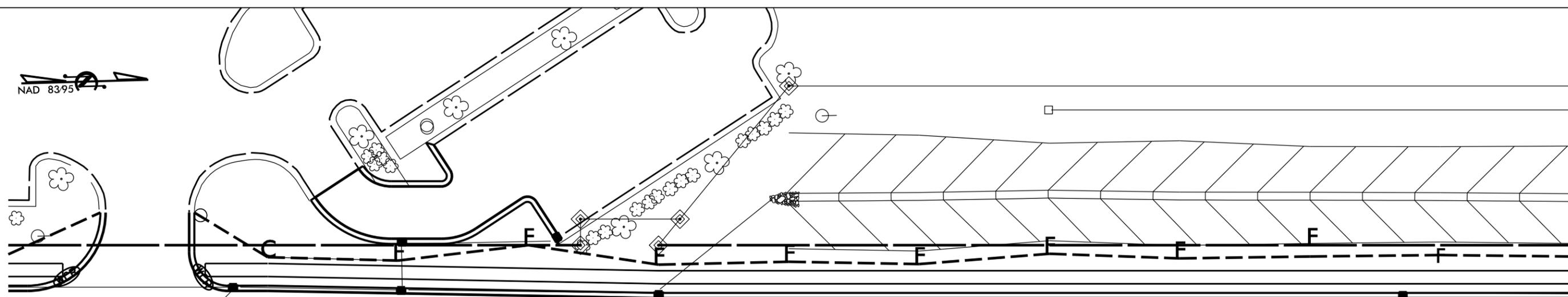
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FINAL DESIGN DATE:	OCTOBER 1, 2012

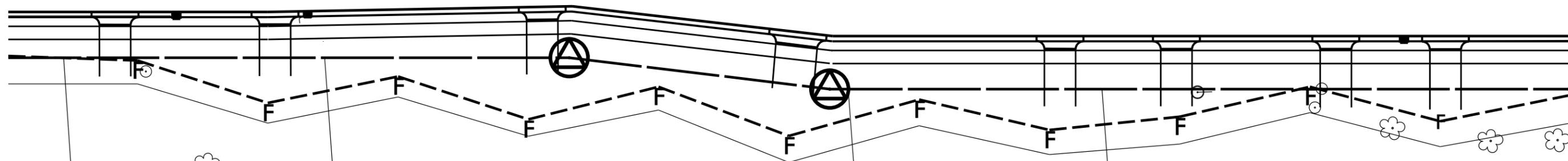
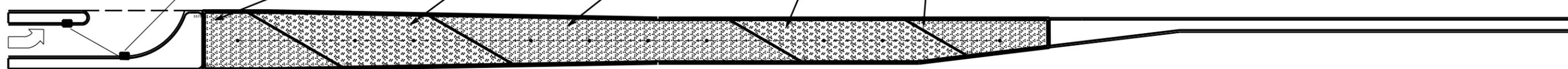


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 TOTAL SHEET NO: 7

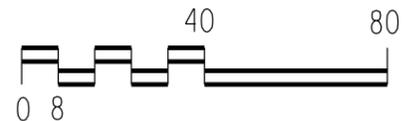
NAD 8395



127 HB @ 30" o.c.    353 LM @ 24" o.c.    320 HB @ 30" o.c.    272 LM @ 24" o.c.    88 HB @ 30" o.c.



Key	Botanical Name	Common Name
HA	<i>Hemerocallis 'Buttered Popcorn'</i>	Buttered Popcorn Daylily
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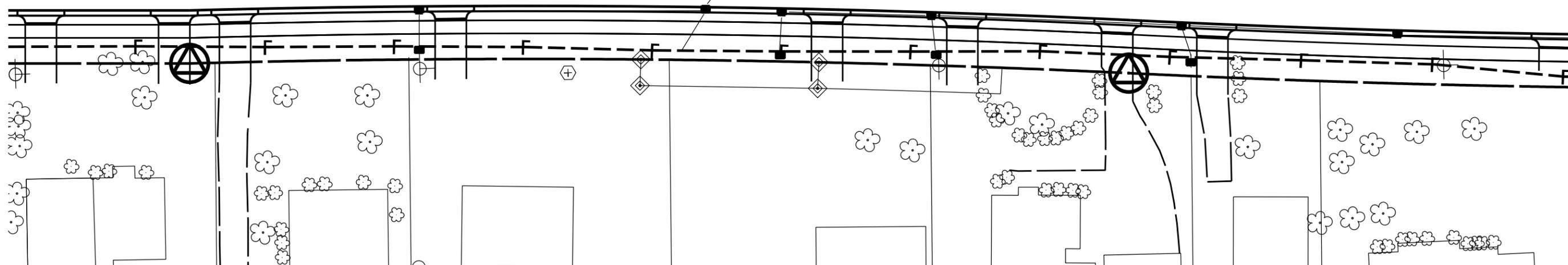
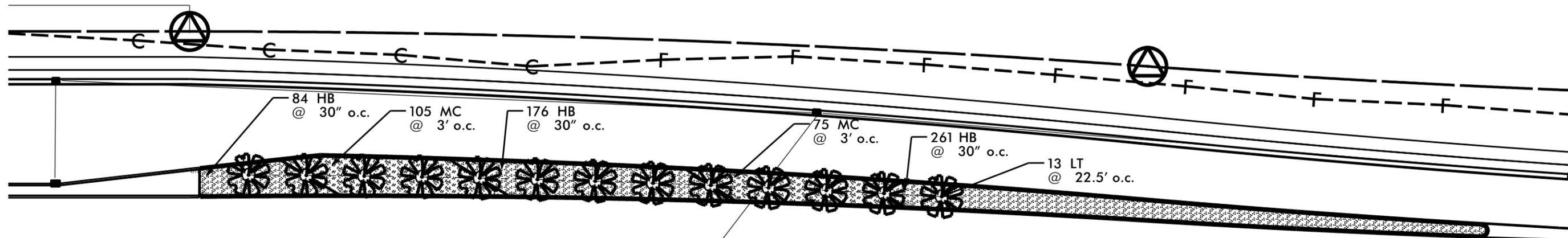
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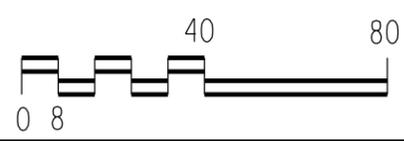


SHEET NO: **L-6**  
 TOTAL SHEET NO: 7

NAD 8395



Key	Botanical Name	Common Name
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MC	<i>Muhlenbergia capillaris</i>	Pink Muhlyl Grass
LT	<i>Lagerstroemia 'Tonto'</i>	Tonto Crape Myrtle
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SHEET NO: **L-7**  
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