

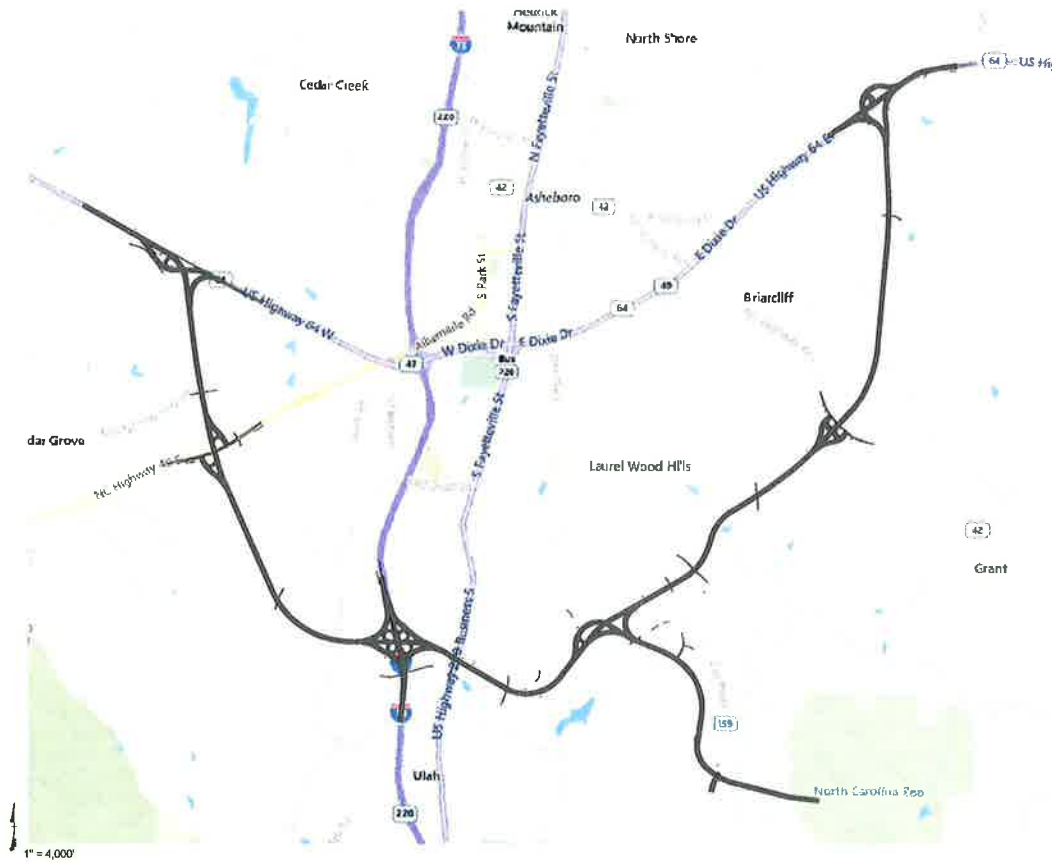
# ASHEBORO BY-PASS ASHEBORO, NORTH CAROLINA



PROJECT LOCATION

### DRAWING INDEX:

- L-0.0 COVER SHEET
- L-0.1 SHEET LAYOUT PLAN
- L-1.7 LS1 - SHEET 7
- L-1.13 LS1 - SHEET 13
- L-1.18 LS2 - SHEET 18
- L-1.19 LS2 - SHEET 19
- L-1.22 LS2 - SHEET 22
- L-1.70 LS2 - SHEET 70
- L-1.23 LS2 - SHEET 23
- L-1.25 LS2 - SHEET 25
- L-1.27 LS2 - SHEET 27
- L-1.28 LS2 - SHEET 28
- L-1.29 LS2 - SHEET 29
- L-1.30 LS2 - SHEET 30
- L-1.81 LS2 - SHEET 81
- L-1.32 LS2 - SHEET 32
- L-1.33 LS2 - SHEET 33
- L-1.40 LS3 - SHEET 40
- L-1.41 LS3 - SHEET 41
- L-1.43 LS3 - SHEET 43
- L-1.44 LS3 - SHEET 44
- L-1.48 LS3 - SHEET 48
- L-1.49 LS3 - SHEET 49
- L-1.53 LS3 - SHEET 53
- L-2.0 ZOO - TREE PROTECTION & EROSION CONTROL
- L-2.1 ZOO - LANDSCAPE PLAN
- L-3.0 NCDOT DETAILS
- L-3.1 NOTES & DETAILS



TOTAL PROJECT	QTY	UNIT	ITEM
	266,984	SF	PINE STRAW MULCH
	1854	CY	HARDWOOD MULCH
	443,299	SF	GRUBBING (REMOVAL OF TURF AND WEEDS)
	988,78	SY	POST-EMERGENT HERBICIDE
	988,78	SY	PRE-EMERGENT HERBICIDE
	400	MKG	WATERING (INITIAL PLANTING & FIRST YEAR ESTABLISHMENT)
	12	EA	MONTHLY MAINTENANCE ESTABLISHMENT OVER 2-YEARS
	3705	CY	ORGANIC COMPOST FOR SEED & PLUG AREAS

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE	REMARKS
AGA	30	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE APPLE SERVICEBERRY	1.5" CAL., 6-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE	FULL & HEAVY, UNIFORM CANOPY
CC	38	CERCIS CANADENSIS	EASTERN REDBUD MULTI-STEM	1.5" CAL., 6-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE	FULL & HEAVY, UNIFORM CANOPY
CCF	14	CERCIS CANADENSIS 'FOREST PANSY'	FOREST PANSY REDBUD	1.5" CAL., 6-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE	FULL & HEAVY, UNIFORM CANOPY
CCM	43	CERCIS CANADENSIS 'MERLOT'	MERLOT REDBUD	1.5" CAL., 6-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE	FULL & HEAVY, UNIFORM CANOPY
GT	18	GLEDTISIA TRIACANTHOS F. INERMIS	THORNLESS HONEY LOCUST	3" CAL., 12' HT. MIN.	B&B OR CONTAINER	SPECIMEN	FULL AND HEAVY, UNIFORM CANOPY
IO	210	ILEX OPACA	AMERICAN HOLLY	6-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
JV	280	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
LS	11	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEET GUM	1.5" CAL., 6-8" HT. MIN.	B&B OR CONTAINER	SHADE TREE	FULL & HEAVY, SINGLE STRAIGHT LEADER
LT	6	LIRIODENDRON TULIPIFERA	TULIP TREE	1.5" CAL., 6-8" HT. MIN.	B&B OR CONTAINER	SHADE TREE	FULL & HEAVY, SINGLE STRAIGHT LEADER
MG	32	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	6-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
MGL	19	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	LITTLE GEM SOUTHERN MAGNOLIA	6-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
MV	21	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	6-8" HT.	B&B OR CONTAINER	UNDERSTORY TREE	FULL & DENSE
PT	524	PINUS TAEDA	LOBLOLLY PINE	6-8" HT.	CONTAINER	EVERGREEN	FULL & DENSE
PO	43	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	1.5" CAL., 6-8" HT. MIN.	B&B OR CONTAINER	SHADE TREE	FULL & HEAVY, SINGLE STRAIGHT LEADER
PO2	6	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	3" CAL., 12' MIN.	B&B OR CONTAINER	SHADE TREE	FULL & HEAVY, SINGLE STRAIGHT LEADER
VA	15	VITEC AGNUS-CASTUS	CHASTE TREE	6' HT.	CONTAINER	SPECIMEN	MULTI-STEM, FULL BRANCHING
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	REMARKS	REMARKS
MC	28	MYRICA CERIFERA	WAX MYRTLE	36" HT./SPRD.	CONTAINER	FULL AND DENSE	
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	SPACING	
JE	1,766	JUNCUS EFFUSUS	SOFT RUSH	2" PLUG	CONTAINER	18" o.c.	
MCW	211,548 SF	MUHLENBERGIA CAPILLARIS 'WHITE CLOUD'	WHITE CLOUD MUHLY GRASS	SEED			
NT	10,760	NASSELLA TENUISSIMA	MEXICAN FEATHER GRASS	4" POT	CONTAINER	24" o.c.	
PVS	232,589 SF	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	SEED			
PVC	461	PANICUM VIRGATUM 'CLOUD NINE'	CLOUD NINE SWITCH GRASS	1 GAL.	CONTAINER	24" o.c.	FULL AND DENSE
PVR	39,868	PANICUM VIRGATUM 'RR1' TM	RUBY RIBBONS SWITCH GRASS	2" PLUG	CONTAINER	12" o.c.	
SS	164	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	1 GAL.	CONTAINER	24" o.c.	FULL & DENSE
SHP	10,154	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	2" PLUG	CONTAINER	18" o.c.	
SHS	19,075 SF	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	SEED			

### GENERAL PLANTING NOTES:

- IDENTIFY ANY SUBSURFACE UTILITIES PRIOR TO COMMENCING WORK.
- ALL PLANT MATERIALS TO COMPLY WITH AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.
- SUBSTITUTIONS OF PLANT MATERIALS SPECIFIED CAN ONLY OCCUR WITH PRIOR APPROVAL BY LANDSCAPE ARCHITECT AND/OR ENGINEER.
- CONTRACTOR TO PROTECT EXISTING DRAINAGE STRUCTURES THROUGHOUT CONSTRUCTION. ANY DAMAGE TO DRAINAGE STRUCTURES SHALL BE REPAIRED IN KIND BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. ALL UTILITIES SHALL BE PROTECTED THROUGHOUT CONSTRUCTION AND ANY DAMAGE THAT MAY OCCUR SHALL BE REPAIRED IN KIND BY THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.
- INSTALL ALL PLANT MATERIALS AS DEFINED BY DETAILS AND SPECIFICATIONS.
- ALL TREES TO BE INSTALLED BEFORE MARCH 15 OR AFTER OCTOBER 15.
- ALL PLANTED AREAS TO BE MULCHED AS INDICATED ON THE PLANS PER SPECIFICATIONS.
- ALL TREES SHALL BE IN A UNIFORM BED OF MULCH WITH THE BED EDGE NO LESS THAN 3' FROM THE TRUNK OF THE TREE. KEEP MULCH 4" AWAY FROM TRUNK OF TREE.
- CONTRACTOR TO REPAIR ANY DAMAGED TURF AREAS DUE TO CONSTRUCTION ACTIVITIES.
- CONTRACTOR TO REPAIR UNDISTURBED TURF AREAS AT DIRECTION OF ENGINEER OR LANDSCAPE ARCHITECT. TO BE PAID PER TURF UNIT PRICE.
- CONTRACTOR TO WARRANTY PLANT MATERIALS FOR A TWO YEAR PERIOD FOLLOWING SUBSTANTIAL COMPLETION.
- CONTRACTOR TO ESTABLISH AND MAINTAIN PLANT MATERIAL PER SPECIFICATIONS.
- AREAS DAMAGED BY ACTIVITIES OF CONTRACTOR SHALL BE RE-ESTABLISHED TO PRE-DISTURBANCE CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL INSURE THAT ALL PLANT MATERIAL IS FREE OF FIRE ANTS PRIOR TO INSTALLATION.
- LOCATIONS OF PLANTS AND PLANT BEDS TO BE FLAGGED BY CONTRACTOR AND VERIFIED IN THE FIELD BY LANDSCAPE ARCHITECT, ENGINEER AND/OR OWNER PRIOR TO INSTALLATION.
- CONTRACTOR TO IDENTIFY STAGING AREAS. LANDSCAPE ARCHITECT/ENGINEER AND/OR OWNER TO APPROVE LOCATIONS PRIOR TO CONSTRUCTION.
- AREAS DISTURBED THAT ARE NOT NOTED FOR PLANT BEDS ARE TO BE SEEDED AND STRAWED PER SPECIFICATIONS.
- PLANT MATERIAL NOT NOTED FOR REMOVAL SHALL BE PROTECTED THROUGHOUT CONSTRUCTION.
- USE HERBICIDES, PESTICIDES, AND FERTILIZER IN A MANNER CONSISTENT WITH THE FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT, NCDOT STANDARDS AND SPECIFICATIONS, AND IN ACCORDANCE WITH LABEL RESTRICTIONS.
- ALL AREAS NOTED FOR GRUBBING TO BE FINE GRADED TO A SMOOTH AND UNIFORM CONDITION WITH NO BUMPS OR RILLS. ALL STICKS, ROCKS OVER 3", AND OTHER DEBRIS SHALL BE REMOVED PRIOR TO FINAL ACCEPTANCE OF SOIL CONDITION.
- ALL AREAS IDENTIFIED TO HAVE HARDWOOD MULCHED ARE TO BE GRUBBED.
- LANDSCAPE ARCHITECT AND/OR ENGINEER TO APPROVE FINAL CONDITION OF CLEARED AND GRUBBED AREAS PRIOR TO PLANT INSTALLATION.
- PRIOR TO PLANTING PINE TREES, CONTRACTOR IS TO INSPECT TAP ROOT OF EACH TREE. DO NOT PLANT PINE TREES WITH DAMAGED OR DEFORMED TAP ROOT.
- APPLY ALL TRAFFIC CONTROL MEASURES PER NCDOT STANDARDS AND AS DIRECTED BY NCDOT ENGINEER.
- BASE DRAWINGS BASED ON PREVIOUS ROAD CONSTRUCTION DOCUMENTS WITH FIELD VERIFICATION. ACTUAL SITE CONDITIONS MAY VARY.
- PLANTINGS MAY NEED TO SHIFT TO ACCOMMODATE ANY EXISTING SITE FEATURES TO REMAIN SUCH AS RIP RAP, DRAINAGE STRUCTURES, EXISTING TREES, ETC.

### SOIL PREPARATION NOTES:

- ALL PLANT BEDS NOTED TO BE SEEDED AND/OR PLUGGED SHALL BE PREPARED BY THE FOLLOWING METHOD:
  - REMOVE ALL VEGETATION, INCLUDING TURF GRASS, WEEDS, WOODY PLANTS OR OTHER UNWANTED VEGETATION
  - TILL SUBGRADE TO A DEPTH OF 6" TO BREAK UP COMPACTION
  - SPREAD 2 INCHES OF ORGANIC COMPOST OVER TILLED SUBGRADE
  - MIX COMPOST AND SUBGRADE THOROUGHLY UNTIL WELL COMBINED. TO A MEDIUM-TO-FINE TEXTURE
  - ENSURE THAT PLANTING SOILS ARE FREE OF LARGE CLUMPS, ROOTS, STICKS, ROCKS, STONES, BUILDING MATERIALS, TOXIC SUBSTANCES, AND ANY OTHER UNWANTED MATERIALS
- TAKE CAUTIONS TO ENSURE THAT THE PLANTING SOIL DOES NOT BECOME COMPACTED THROUGH THE PROCESS OF SEEDING OR PLANTING
- FOR ANY AREA OF PLANTING SOIL THAT BECOMES OVERLY COMPACTED, BREAK UP COMPACTION WITH MINIMAL TILLING OR OTHER APPROVED LOW-IMPACT METHODS

**TIMMONS GROUP**

ASHEBORO BYPASS  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
COVERSHEET

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7/11/2022	FINAL DESIGN SUBMITTAL

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DRAWN BY: SDAVIS  
DESIGNED BY: BLASCO/DAVIS  
CHECKED BY: J. BLASCO  
SCALE: AS SHOWN

JOB NO. 45391  
SHEET NO. L-0.0



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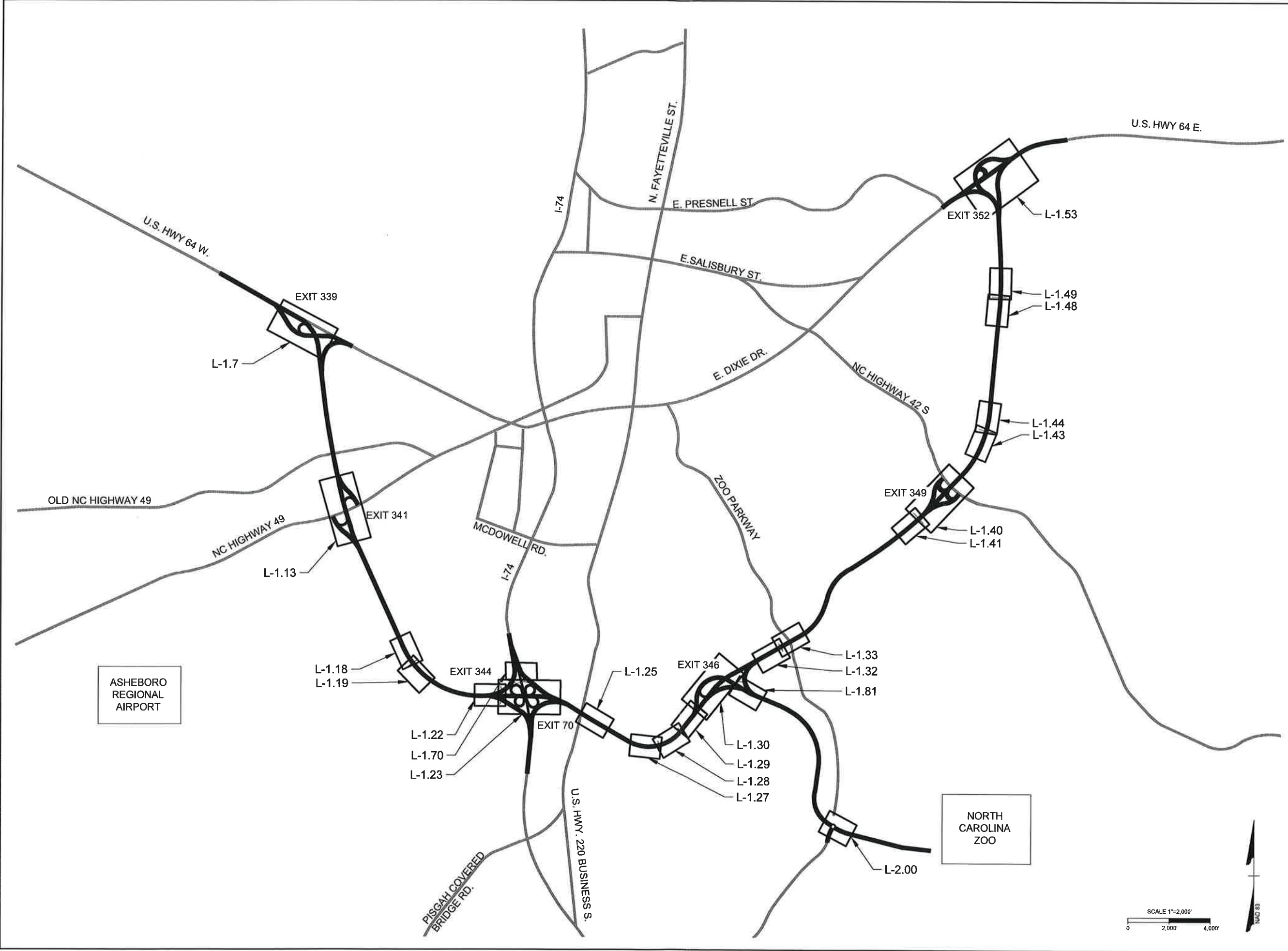
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# TIMMONS GROUP

ASHEBORO BYPASS  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 SHEET LAYOUT PLAN

JOB NO.  
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ASHEBORO REGIONAL AIRPORT

NORTH CAROLINA ZOO



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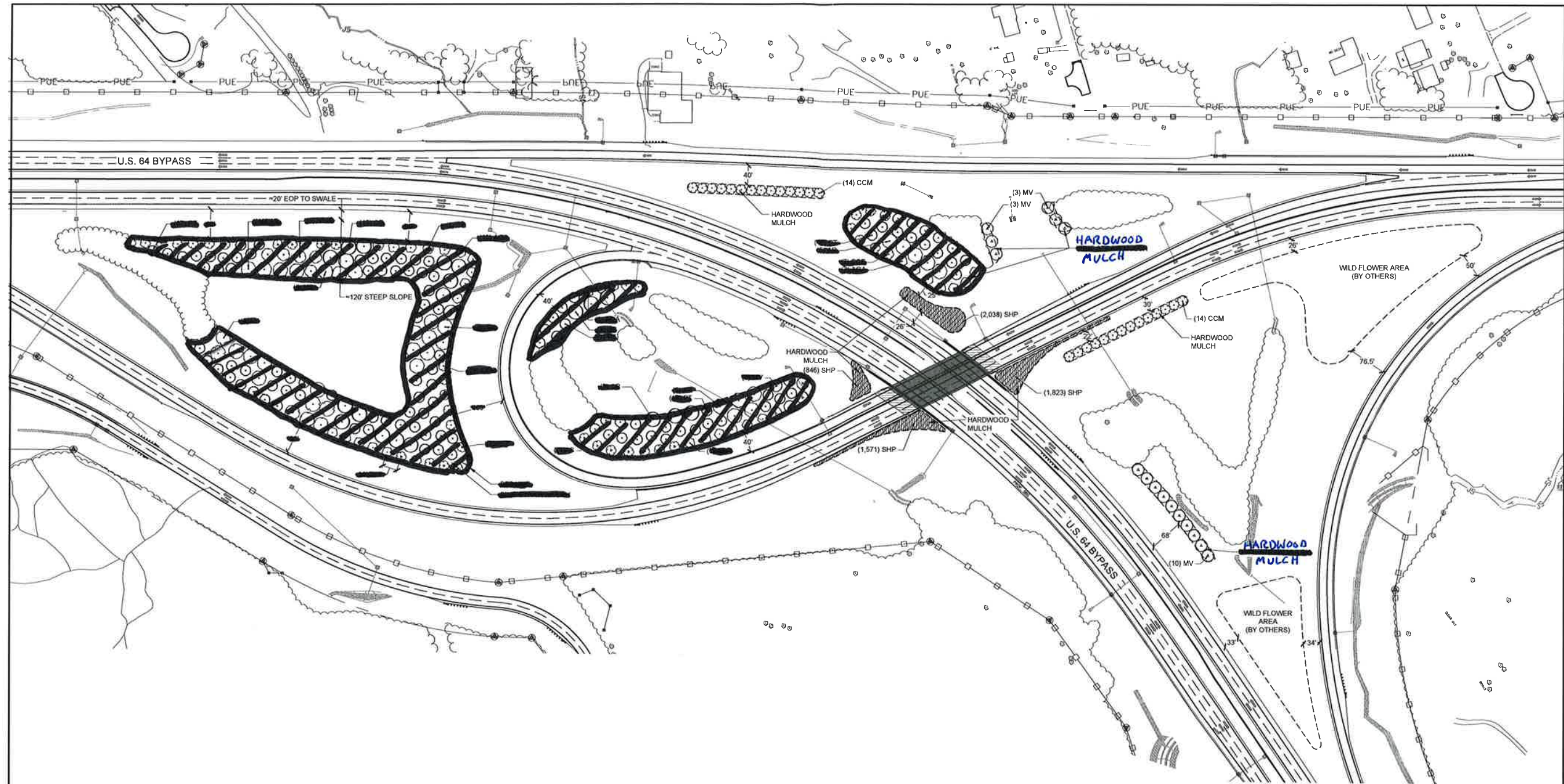
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ASHEBORO BYPASS  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 SHEET 7

JOB NO. 45391  
 SHEET NO. L-1.7



**PLANT SCHEDULE 1.7**

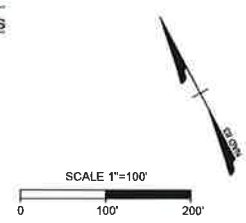
TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
CCM	28	CERCIS CANADENSIS 'MERLOT'	MERLOT REDBUD	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
MV	16	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	6'-8' HT.	B&B OR CONTAINER	UNDERSTORY TREE
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	
SHP	6,278	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	2" PLUG	CONTAINER	

**SOIL PREPARATION NOTES:**

- ALL PLANT BEDS NOTED TO BE SEEDING AND/OR PLUGGED SHALL BE PREPARED BY THE FOLLOWING METHOD:
  - REMOVE ALL VEGETATION, INCLUDING TURF GRASS, WEEDS, WOODY PLANTS OR OTHER UNWANTED VEGETATION
  - TILL SUBGRADE TO A DEPTH OF 6" TO BREAK UP COMPACTION
  - SPREAD 2 INCHES OF ORGANIC COMPOST OVER TILLED SUBGRADE
  - MIX COMPOST AND SUBGRADE THOROUGHLY UNTIL WELL COMBINED, TO A MEDIUM-TO-FINE TEXTURE
  - ENSURE THAT PLANTING SOILS ARE FREE OF LARGE CLUMPS, ROOTS, STICKS, ROCKS, STONES, BUILDING MATERIALS, TOXIC SUBSTANCES, AND ANY OTHER UNWANTED MATERIALS
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- FOR ANY AREA OF PLANTING SOIL THAT BECOMES OVERLY COMPACTED, BREAK UP COMPACTION WITH MINIMAL TILLING OR OTHER APPROVED LOW-IMPACT METHODS

**SHEET L-1.7**

QTY	UNIT	ITEM
244	CY	HARDWOOD MULCH
3676	SF	GRUBBING (REMOVAL OF TURF AND WEEDS)
5261	SY	POST-EMERGENT HERBICIDE
5261	SY	PRE-EMERGENT HERBICIDE
95	CY	ORGANIC COMPOST FOR SEED & PLUG AREAS



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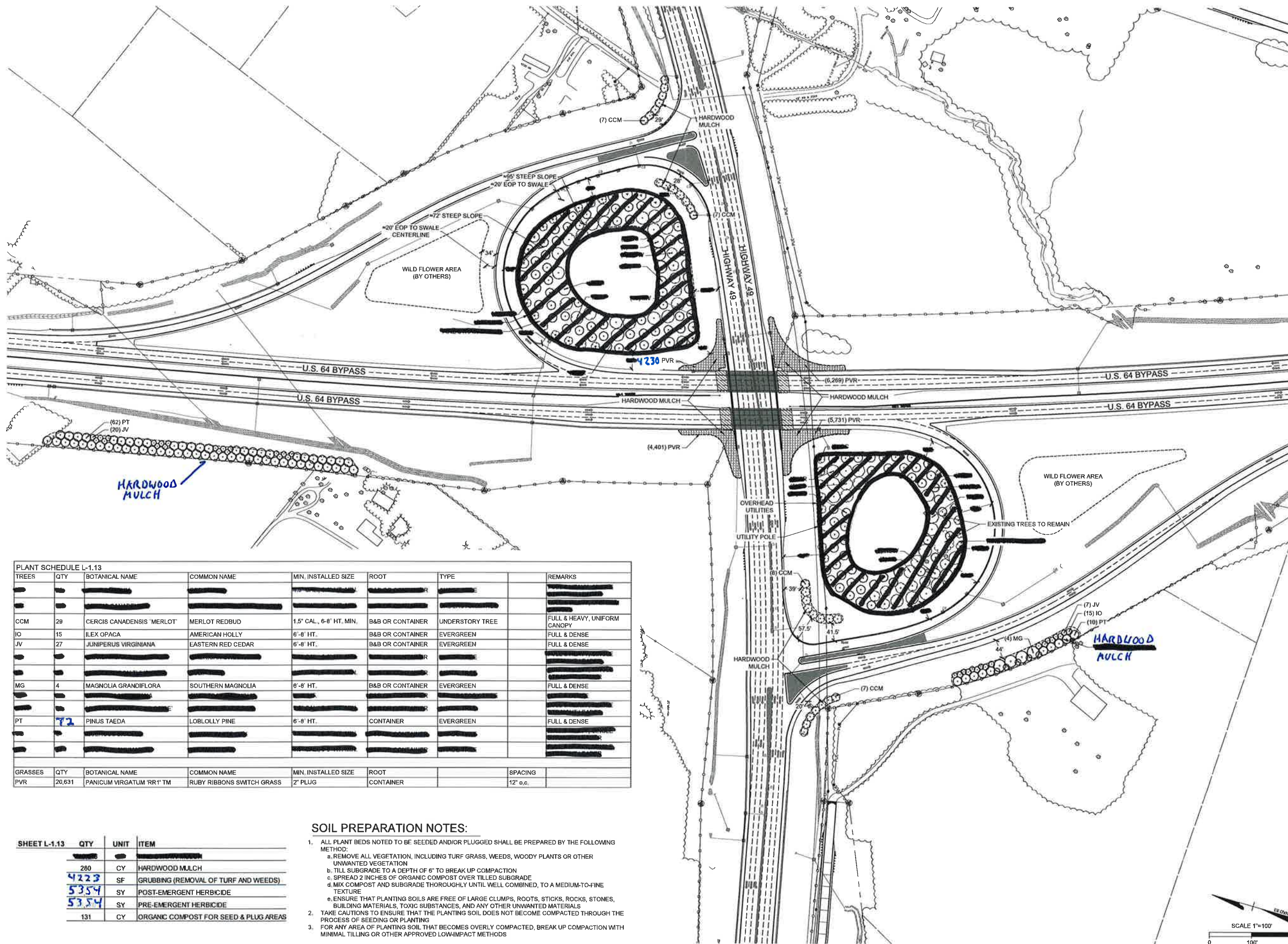
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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SHEET 13

JOB NO. 45391  
SHEET NO. L-1.13



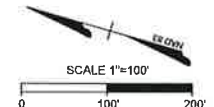
**PLANT SCHEDULE L-1.13**

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE	REMARKS
CCM	29	CERCIS CANADENSIS 'MERLOT'	MERLOT REDBUD	1.5" CAL., 6'-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE	FULL & HEAVY, UNIFORM CANOPY
IO	15	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
JV	27	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
MG	4	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
PT	72	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN	FULL & DENSE
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	SPACING	
PVR	20,631	PANICUM VIRGATUM 'RR1' TM	RUBY RIBBONS SWITCH GRASS	2" PLUG	CONTAINER	12' o.c.	

- SOIL PREPARATION NOTES:**
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    - REMOVE ALL VEGETATION, INCLUDING TURF GRASS, WEEDS, WOODY PLANTS OR OTHER UNWANTED VEGETATION
    - TILL SUBGRADE TO A DEPTH OF 6" TO BREAK UP COMPACTION
    - SPREAD 2 INCHES OF ORGANIC COMPOST OVER TILLED SUBGRADE
    - MIX COMPOST AND SUBGRADE THOROUGHLY UNTIL WELL COMBINED, TO A MEDIUM-TO-FINE TEXTURE
    - ENSURE THAT PLANTING SOILS ARE FREE OF LARGE CLUMPS, ROOTS, STICKS, ROCKS, STONES, BUILDING MATERIALS, TOXIC SUBSTANCES, AND ANY OTHER UNWANTED MATERIALS
  - TAKE CAUTIONS TO ENSURE THAT THE PLANTING SOIL DOES NOT BECOME COMPACTED THROUGH THE PROCESS OF SEEDING OR PLANTING
  - FOR ANY AREA OF PLANTING SOIL THAT BECOMES OVERLY COMPACTED, BREAK UP COMPACTION WITH MINIMAL TILLING OR OTHER APPROVED LOW-IMPACT METHODS

**SHEET L-1.13**

QTY	UNIT	ITEM
260	CY	HARDWOOD MULCH
4223	SF	GRUBBING (REMOVAL OF TURF AND WEEDS)
5354	SY	POST-EMERGENT HERBICIDE
5354	SY	PRE-EMERGENT HERBICIDE
131	CY	ORGANIC COMPOST FOR SEED & PLUG AREAS



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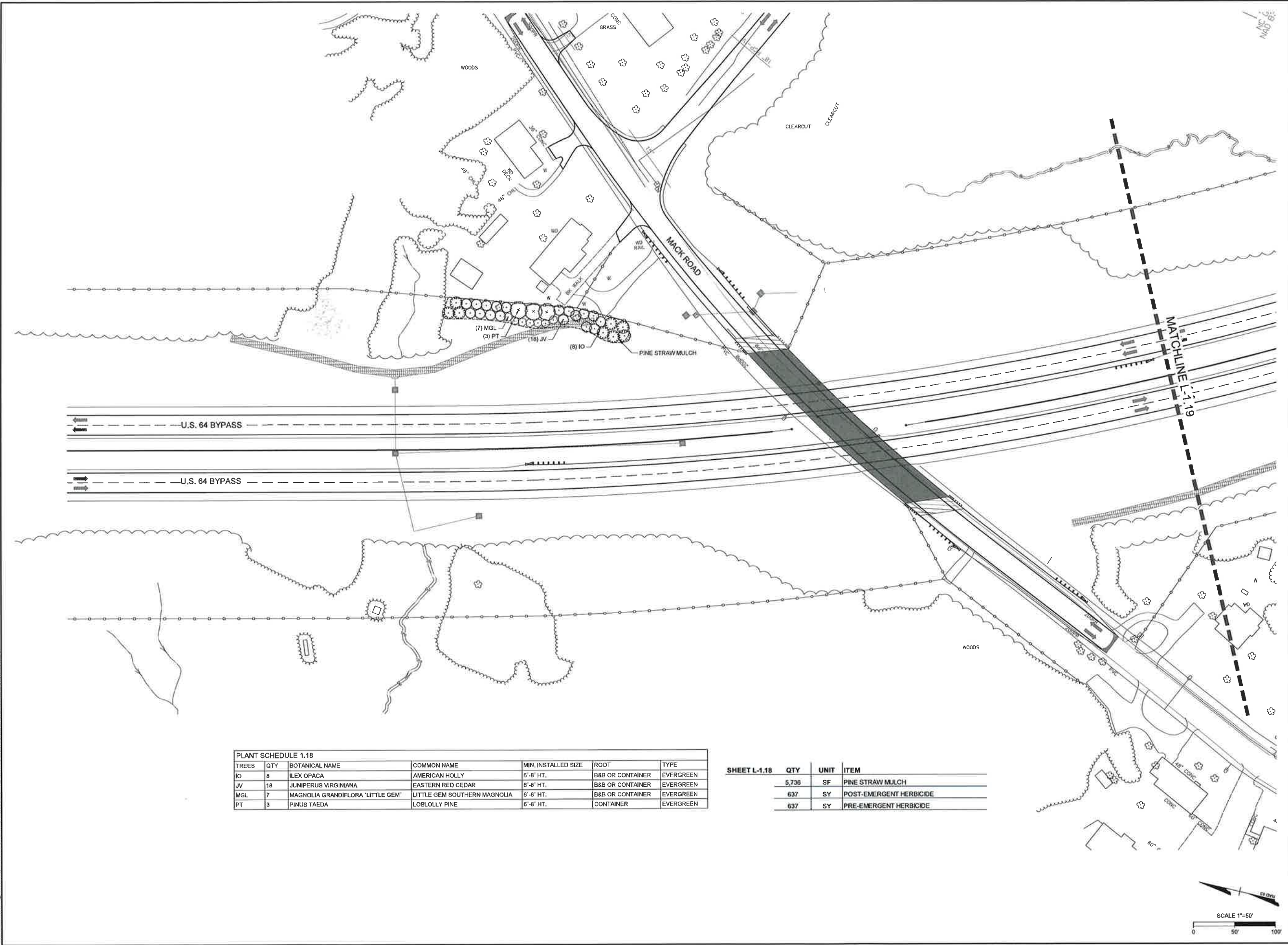
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**ASHEBORO BYPASS**  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 SHEET 18

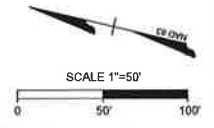
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TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	8	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	18	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
MGL	7	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	LITTLE GEM SOUTHERN MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	3	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

QTY	UNIT	ITEM
5,736	SF	PINE STRAW MULCH
637	SY	POST-EMERGENT HERBICIDE
637	SY	PRE-EMERGENT HERBICIDE



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7/17/2022	FINAL DESIGN SUBMITTAL

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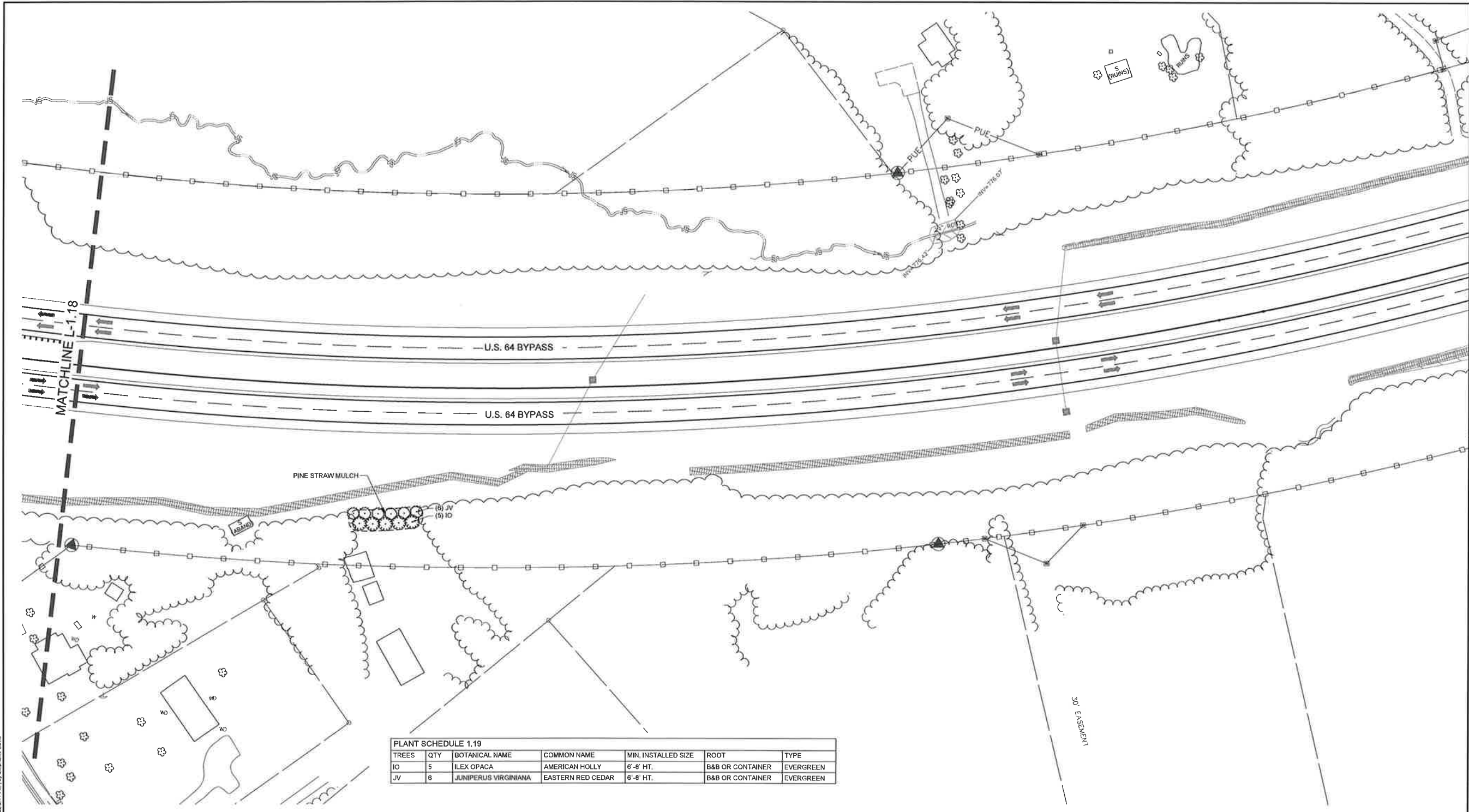
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**ASHEBORO BYPASS**  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
**SHEET 19**

JOB NO.  
**45391**  
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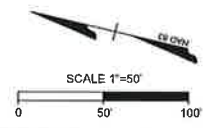


**PLANT SCHEDULE 1.19**

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	5	ILEX OPACA	AMERICAN HOLLY	6'-8' HT.	B&B OR CONTAINER	EVERGREEN
JV	5	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8' HT.	B&B OR CONTAINER	EVERGREEN

**SHEET L-1.19**

QTY	UNIT	ITEM
1,727	SF	PINE STRAW MULCH
192	SY	POST-EMERGENT HERBICIDE
192	SY	PRE-EMERGENT HERBICIDE



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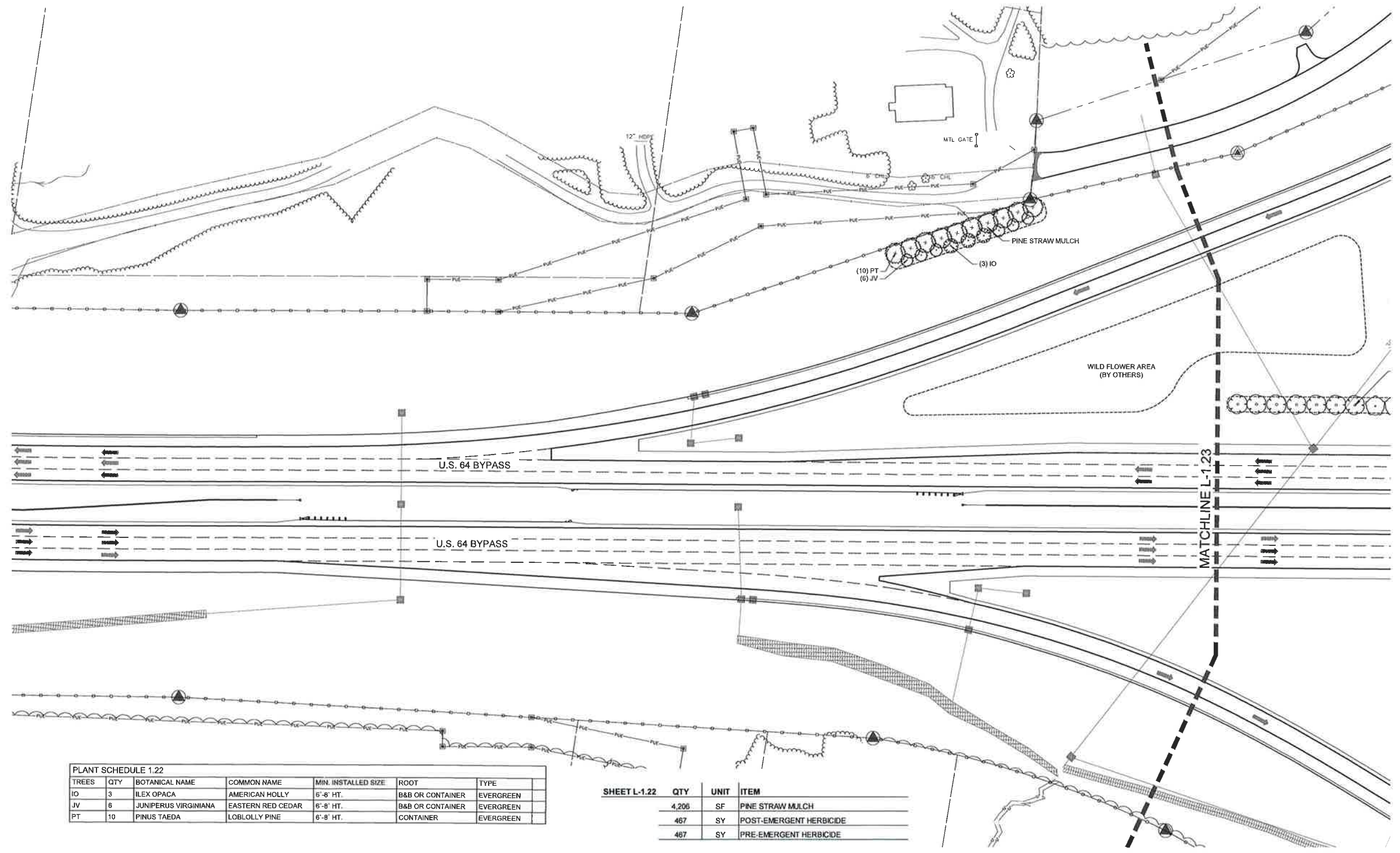


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S DAVIS  
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J BLASCO  
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**ASHEBORO BYPASS**  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
**SHEET 22**

JOB NO.  
45391  
 SHEET NO.  
L-1.22

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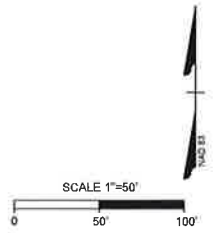


PLANT SCHEDULE 1.22

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	3	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	6	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	10	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

SHEET L-1.22

QTY	UNIT	ITEM
4,206	SF	PINE STRAW MULCH
467	SY	POST-EMERGENT HERBICIDE
467	SY	PRE-EMERGENT HERBICIDE



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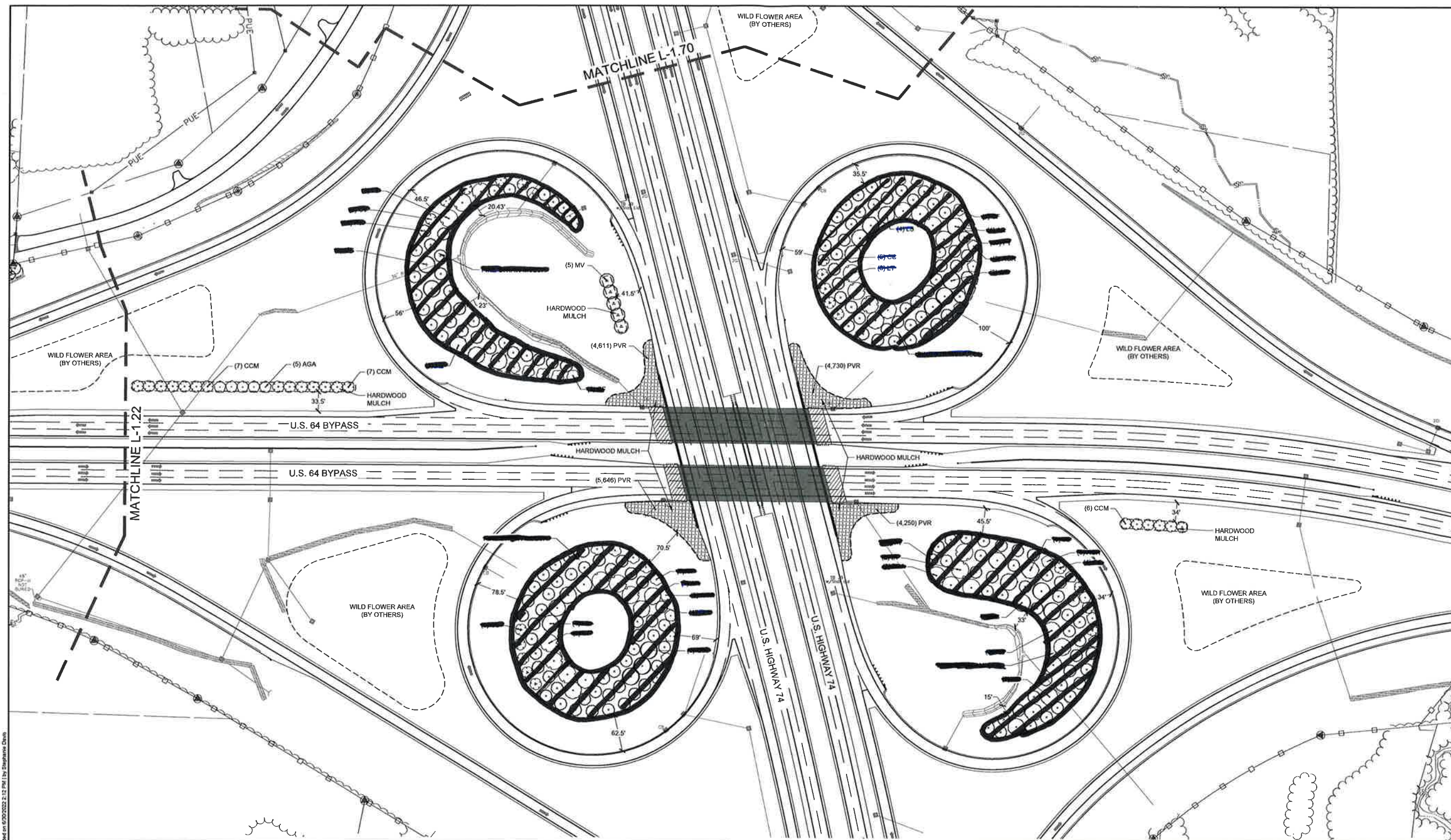
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**ASHEBORO BYPASS**  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SHEET 23

JOB NO.  
45391  
SHEET NO.  
L-1.23



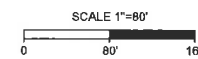
PLANT SCHEDULE 1.23

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
AGA	5	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE APPLE SERVICEBERRY	1.5" CAL., 6'-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
CCM	20	CERCIS CANADENSIS 'MERLOT'	MERLOT REDBUD	1.5" CAL., 6'-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
MV	5	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	UNDERSTORY TREE
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	
PVR	19,237	PANICUM VIRGATUM 'RR1' TM	RUBY RIBBONS SWITCH GRASS	2" PLUG	CONTAINER	12" o.c.

SHEET L-1.23	QTY	UNIT	ITEM
	269	CY	HARDWOOD MULCH
	3882	SF	GRUBBING (REMOVAL OF TURF AND WEEDS)
	4938	SY	POST-EMERGENT HERBICIDE
	4938	SY	PRE-EMERGENT HERBICIDE
	120	CY	ORGANIC COMPOST FOR SEED & PLUG AREAS

**SOIL PREPARATION NOTES:**

- ALL PLANT BEDS NOTED TO BE SEEDED AND/OR PLUGGED SHALL BE PREPARED BY THE FOLLOWING METHOD:
  - REMOVE ALL VEGETATION, INCLUDING TURF GRASS, WEEDS, WOODY PLANTS OR OTHER UNWANTED VEGETATION
  - TILL SUBGRADE TO A DEPTH OF 6" TO BREAK UP COMPACTION
  - SPREAD 2 INCHES OF ORGANIC COMPOST OVER TILLED SUBGRADE
  - MIX COMPOST AND SUBGRADE THOROUGHLY UNTIL WELL COMBINED, TO A MEDIUM-TO-FINE TEXTURE
  - ENSURE THAT PLANTING SOILS ARE FREE OF LARGE CLUMPS, ROOTS, STICKS, ROCKS, STONES, BUILDING MATERIALS, TOXIC SUBSTANCES, AND ANY OTHER UNWANTED MATERIALS
- TAKE CAUTIONS TO ENSURE THAT THE PLANTING SOIL DOES NOT BECOME COMPACTED THROUGH THE PROCESS OF SEEDING OR PLANTING
- FOR ANY AREA OF PLANTING SOIL THAT BECOMES OVERLY COMPACTED, BREAK UP COMPACTION WITH MINIMAL TILLING OR OTHER APPROVED LOW-IMPACT METHODS



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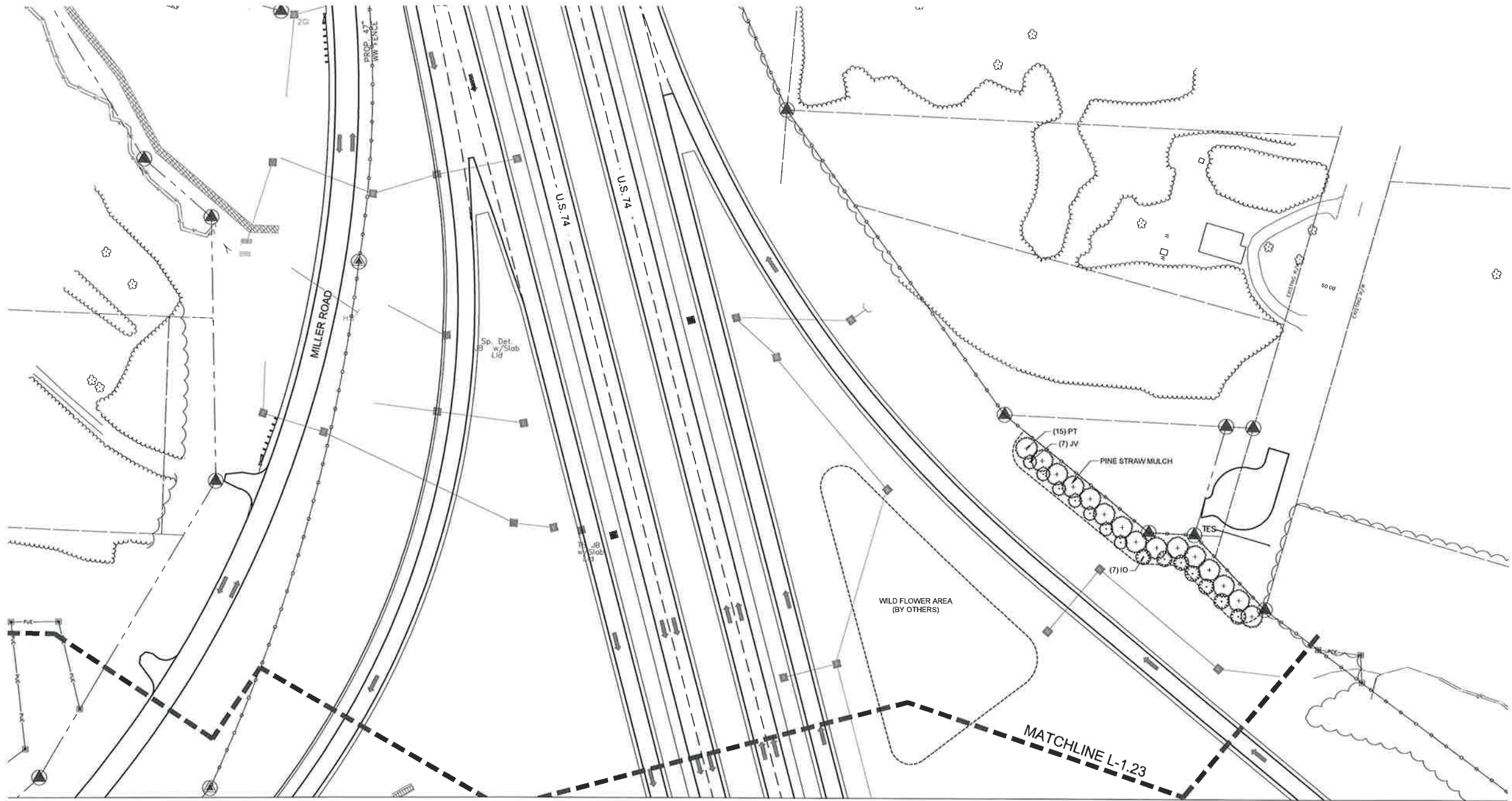
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ASHEBORO BYPASS  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 SHEET 70

JOB NO.  
 45391  
 SHEET NO.  
 L-1.70

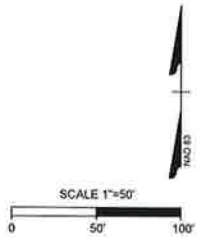
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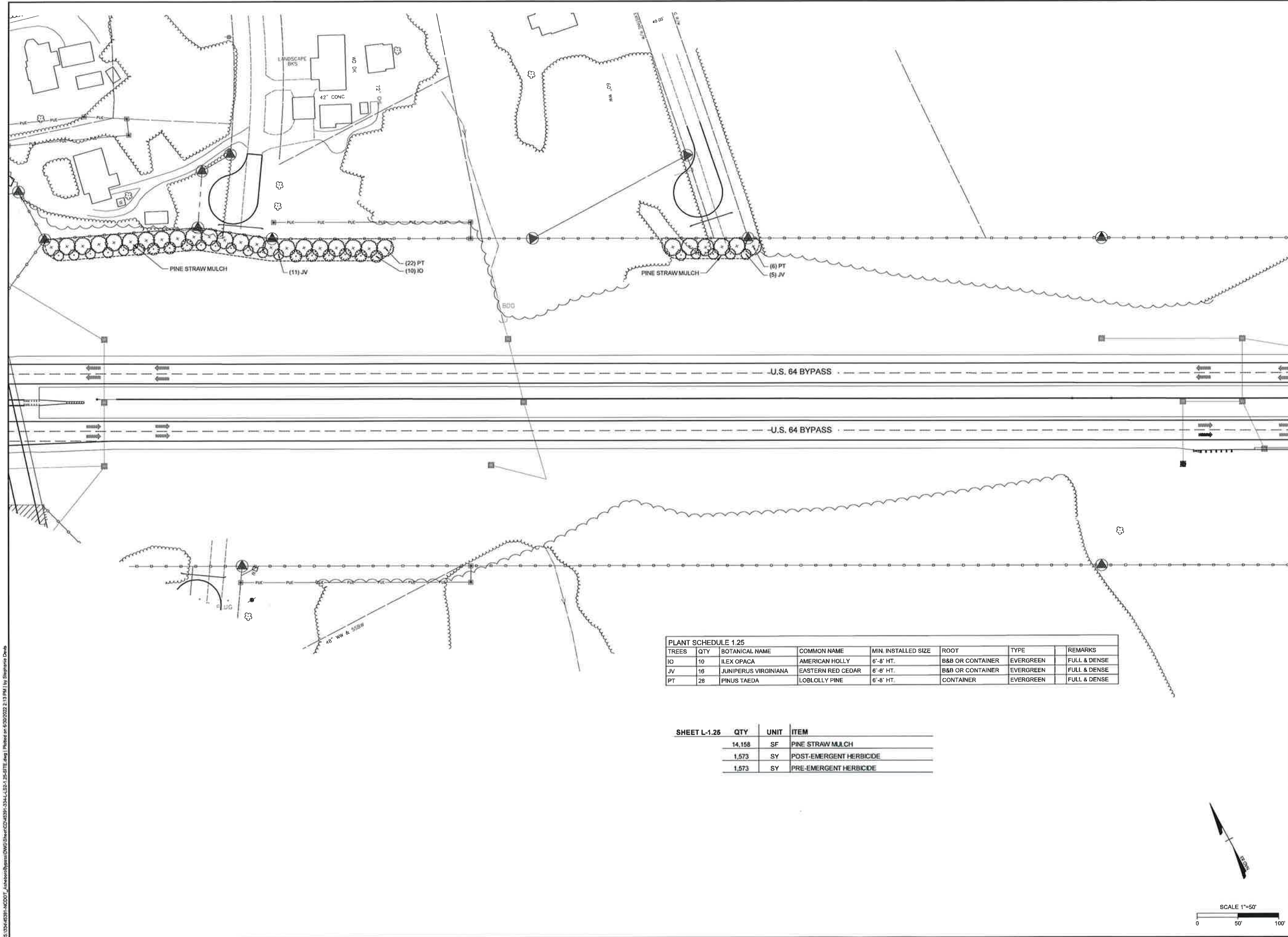
PLANT SCHEDULE 1.70

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	7	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	7	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	15	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

SHEET L-1.70	QTY	UNIT	ITEM
	8,722	SF	PINE STRAW MULCH
	969	SY	POST-EMERGENT HERBICIDE
	969	SY	PRE-EMERGENT HERBICIDE



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TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE	REMARKS
IO	10	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
JV	16	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN	FULL & DENSE
PT	28	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN	FULL & DENSE

SHEET L-1.25	QTY	UNIT	ITEM
	14,158	SF	PINE STRAW MULCH
	1,573	SY	POST-EMERGENT HERBICIDE
	1,573	SY	PRE-EMERGENT HERBICIDE



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JOB NO.  
**45391**  
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**L-1.25**

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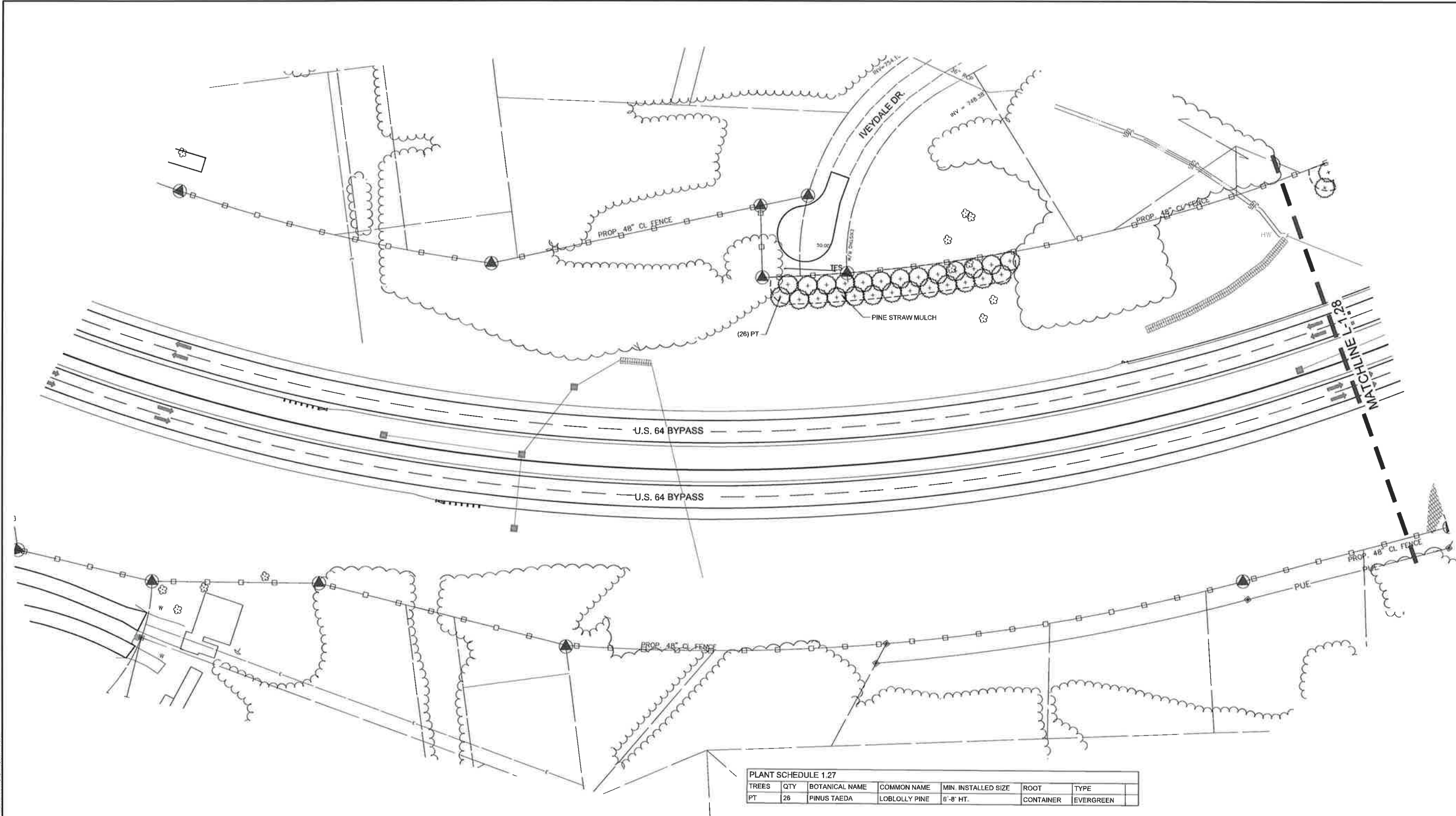
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07/17/2022	FINAL DESIGN SUBMITTAL

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**ASHEBORO BYPASS**  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 SHEET 27

JOB NO.  
**45391**  
 SHEET NO.  
**L-1.27**

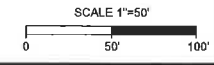


**PLANT SCHEDULE 1.27**

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
PT	26	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

**SHEET L-1.27**

QTY	UNIT	ITEM
7,791	SF	PINE STRAW MULCH
866	SY	POST-EMERGENT HERBICIDE
866	SY	PRE-EMERGENT HERBICIDE



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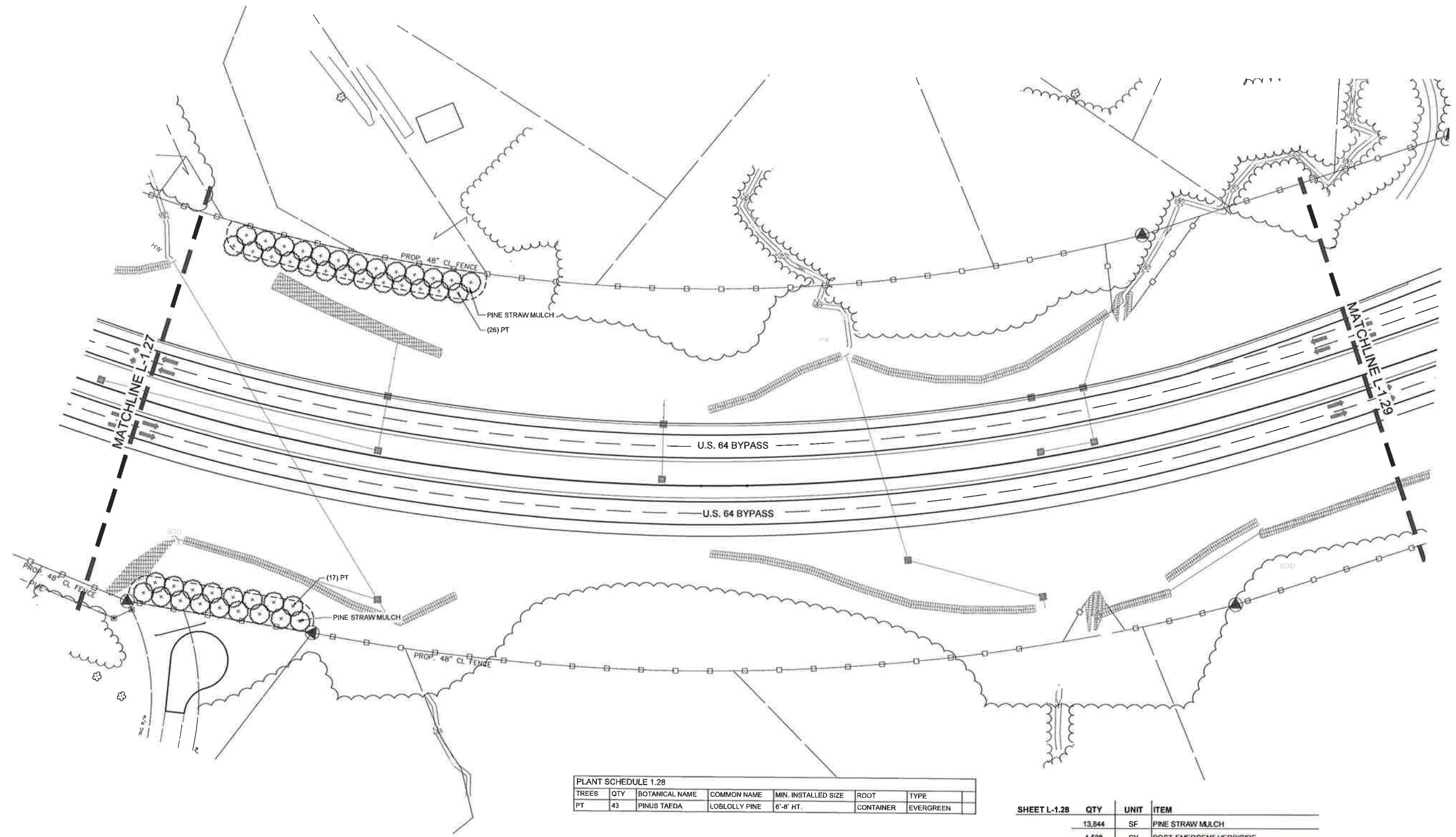
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## ASHEBORO BYPASS NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SHEET 28

JOB NO.  
**45391**  
 SHEET NO.  
**L-1.28**

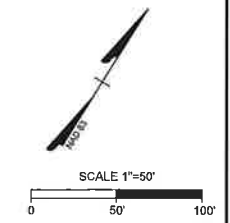


PLANT SCHEDULE 1.28

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
PT	43	PINUS TAEDA	LOBLLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

SHEET L-1.28

QTY	UNIT	ITEM
13,844	SF	PINE STRAW MULCH
1,538	SY	POST-EMERGENT HERBICIDE
1,538	SY	PRE-EMERGENT HERBICIDE



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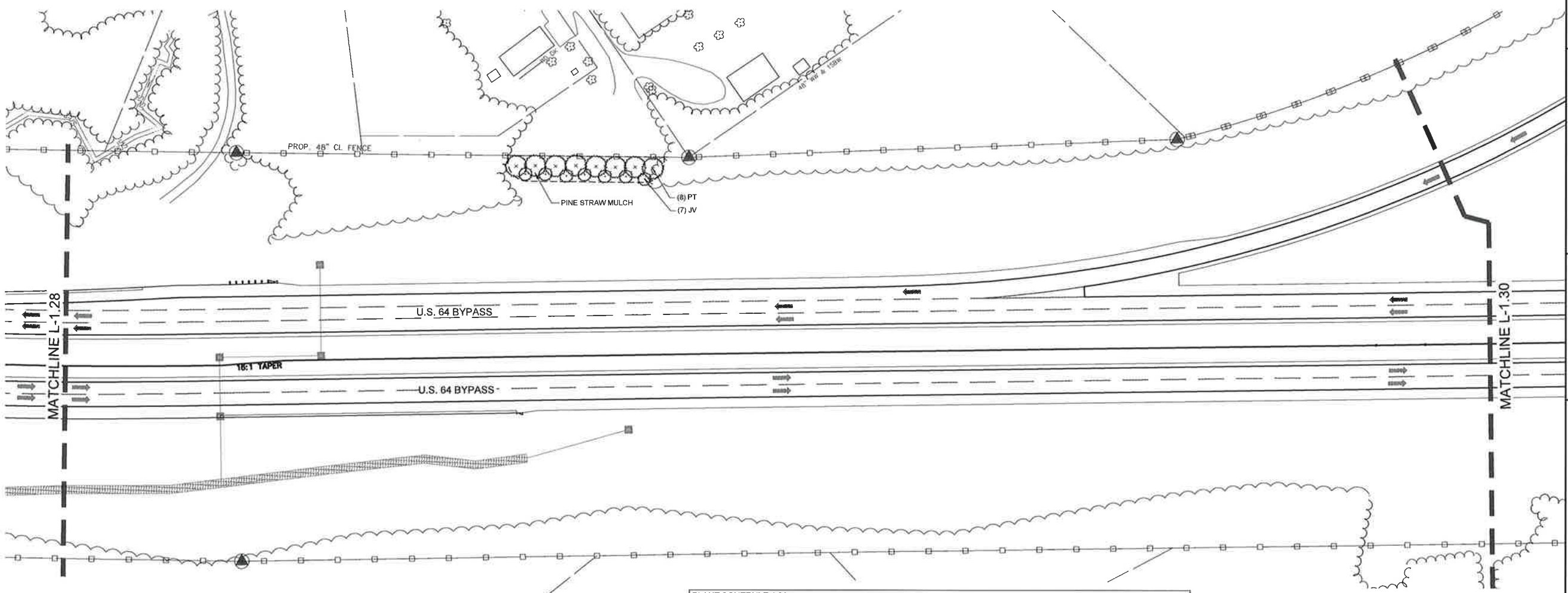
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7/12/2022 <td>FINAL DESIGN SUBMITTAL</td>	FINAL DESIGN SUBMITTAL

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**ASHEBORO BYPASS**  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
**SHEET 29**

JOB NO.  
**45391**  
 SHEET NO.  
**L-1.29**



**PLANT SCHEDULE 1.29**

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
JV	7	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	8	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

**SHEET L-1.29**

QTY	UNIT	ITEM
3,664	SF	PINE STRAW MULCH
407	SY	POST-EMERGENT HERBICIDE
407	SY	PRE-EMERGENT HERBICIDE

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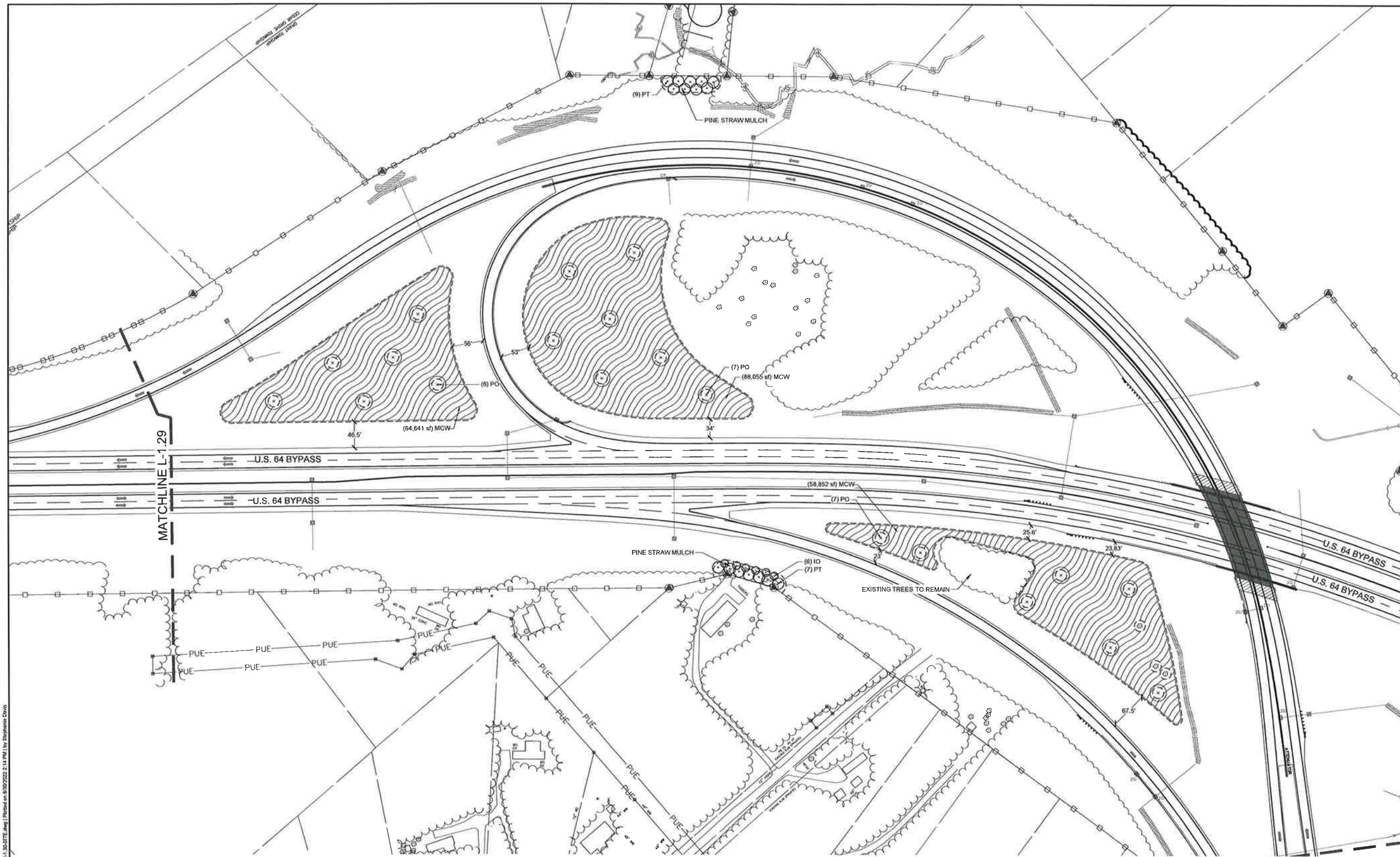
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ASHEBORO BYPASS  
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 SHEET 30

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 SHEET NO.  
L-1.30



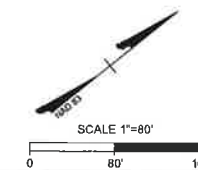
PLANT SCHEDULE 1.30

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	6	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	16	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN
PO	20	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	1.5" CAL., 6-8" HT. MIN.	B&B OR CONTAINER	SHADE TREE
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	
MCW	211,548 SF	MUHLENBERGIA CAPILLARIS 'WHITE CLOUD'	WHITE CLOUD MUHLY GRASS	SEED		

**SOIL PREPARATION NOTES:**

- ALL PLANT BEDS NOTED TO BE SEEDING AND/OR PLUGGED SHALL BE PREPARED BY THE FOLLOWING METHOD:
  - REMOVE ALL VEGETATION, INCLUDING TURF GRASS, WEEDS, WOODY PLANTS OR OTHER UNWANTED VEGETATION
  - TILL SUBGRADE TO A DEPTH OF 6" TO BREAK UP COMPACTION
  - SPREAD 2 INCHES OF ORGANIC COMPOST OVER TILLED SUBGRADE
  - MIX COMPOST AND SUBGRADE THOROUGHLY UNTIL WELL COMBINED, TO A MEDIUM-TO-FINE TEXTURE
  - ENSURE THAT PLANTING SOILS ARE FREE OF LARGE CLUMPS, ROOTS, STICKS, ROCKS, STONES, BUILDING MATERIALS, TOXIC SUBSTANCES, AND ANY OTHER UNWANTED MATERIALS
- TAKE CAUTIONS TO ENSURE THAT THE PLANTING SOIL DOES NOT BECOME COMPACTED THROUGH THE PROCESS OF SEEDING OR PLANTING
- FOR ANY AREA OF PLANTING SOIL THAT BECOMES OVERLY COMPACTED, BREAK UP COMPACTION WITH MINIMAL TILLING OR OTHER APPROVED LOW-IMPACT METHODS

SHEET L-1.30	QTY	UNIT	ITEM
	6,420	SF	PINE STRAW MULCH
	0	CY	HARDWOOD MULCH
	227,409	SF	GRUBBING (REMOVAL OF TURF AND WEEDS)
	25,981	SY	POST-EMERGENT HERBICIDE
	25,981	SY	PRE-EMERGENT HERBICIDE
	1,407	CY	ORGANIC COMPOST FOR SEED & PLUG AREAS



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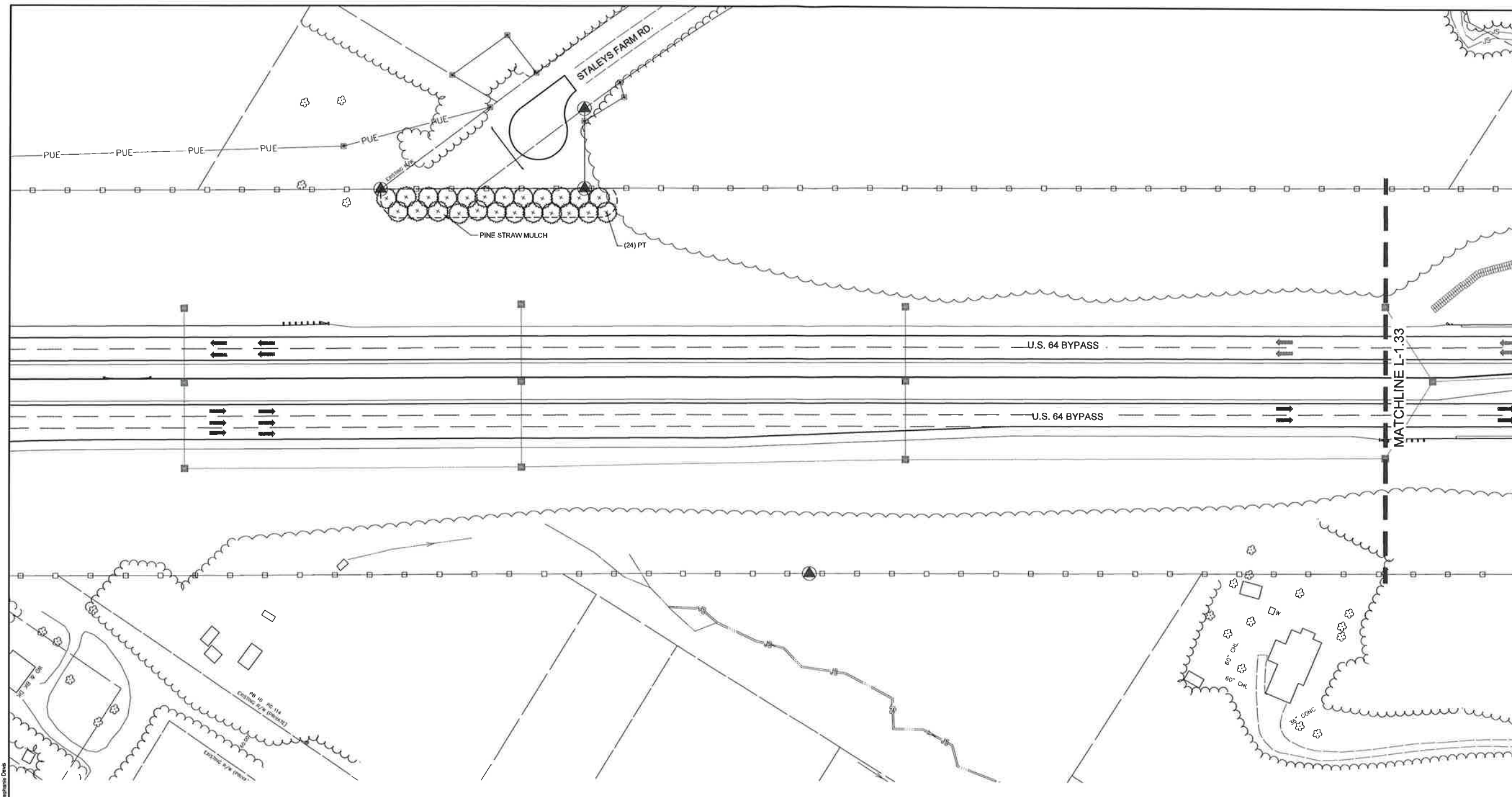
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**ASHEBORO BYPASS**  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SHEET 32

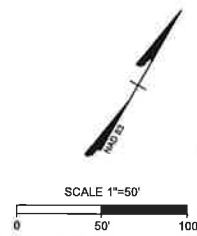
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TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
PT	24	PINUS TAEDA	LOBLOLLY PINE	6'-8' HT.	CONTAINER	EVERGREEN

QTY	UNIT	ITEM
7,180	SF	PINE STRAW MULCH
798	SY	POST-EMERGENT HERBICIDE
798	SY	PRE-EMERGENT HERBICIDE



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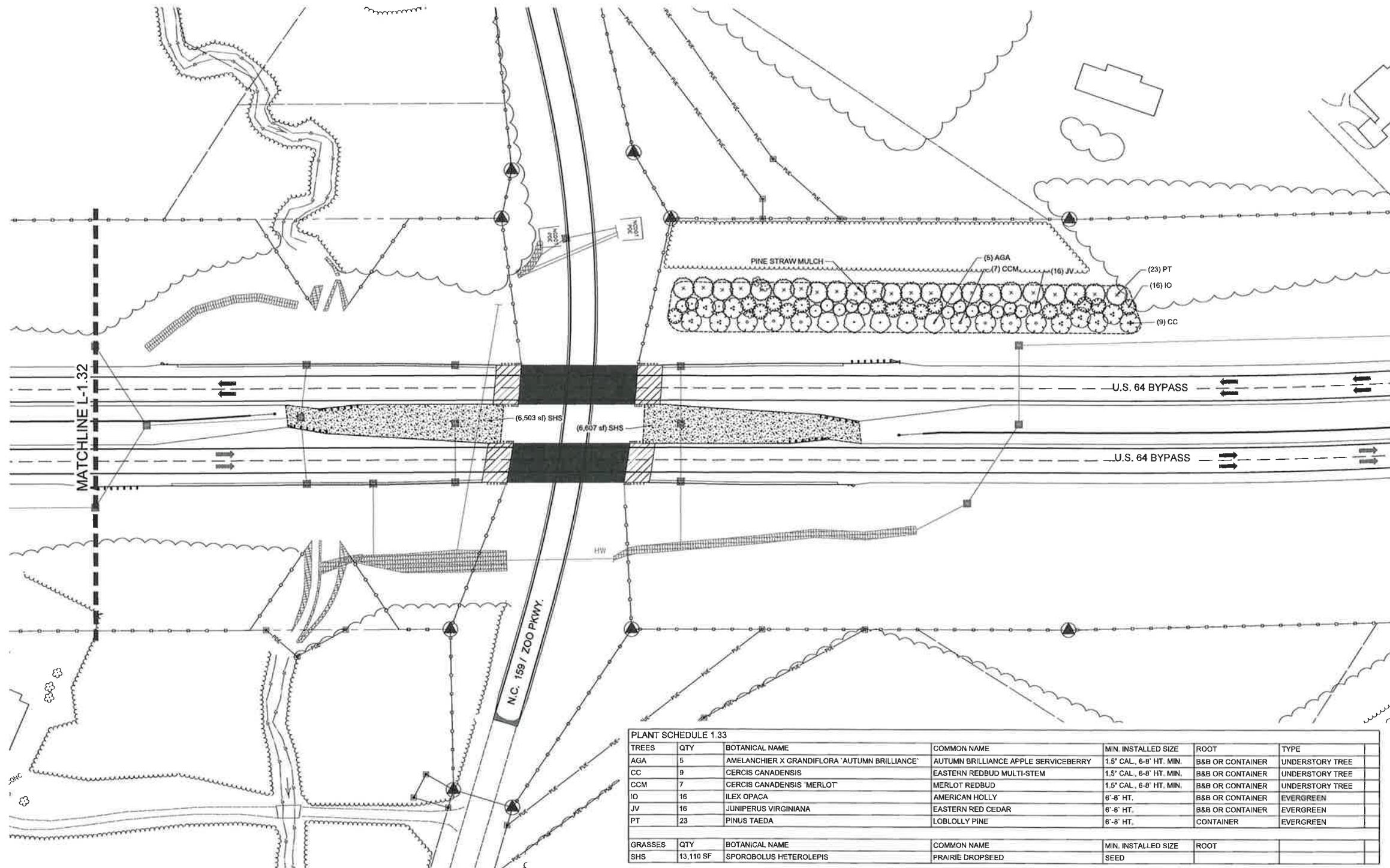
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ASHEBORO BYPASS  
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SHEET 33

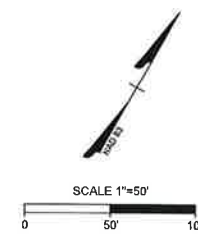
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L-1.33



PLANT SCHEDULE 1.33

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
AGA	5	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE APPLE SERVICEBERRY	1.5" CAL., 6'-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
CC	9	CERCIS CANADENSIS	EASTERN REDBUD MULTI-STEM	1.5" CAL., 6'-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
CCM	7	CERCIS CANADENSIS 'MERLOT'	MERLOT REDBUD	1.5" CAL., 6'-8" HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
IO	16	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	16	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	23	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	
SHS	13,110 SF	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSIED	SEED		

SHEET L-1.33	QTY	UNIT	ITEM
	21,574	SF	PINE STRAW MULCH
	0	CY	HARDWOOD MULCH
	13,110	SF	GRUBBING (REMOVAL OF TURF AND WEEDS)
	3,854	SY	POST-EMERGENT HERBICIDE
	3,854	SY	PRE-EMERGENT HERBICIDE
	81	CY	ORGANIC COMPOST FOR SEED & PLUG AREAS



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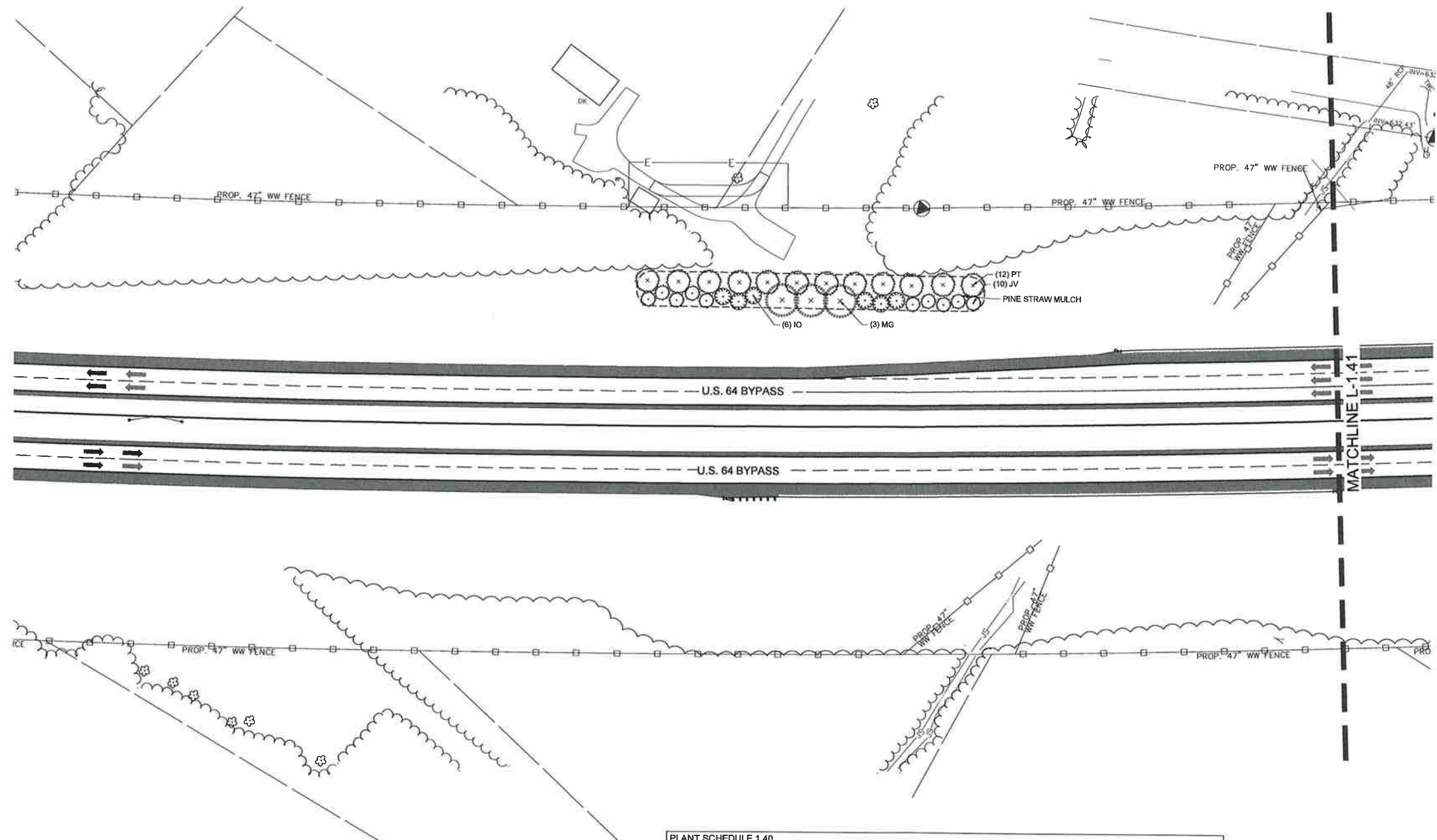
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# TIMMONS GROUP

ASHEBORO BYPASS  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 SHEET 40

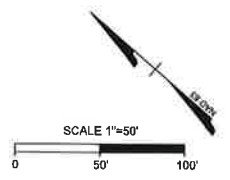
JOB NO.  
 45391  
 SHEET NO.  
 L-1.40

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SHEET L-1.40	QTY	UNIT	ITEM
	9,535	SF	PINE STRAW MULCH
	1,059	SY	POST-EMERGENT HERBICIDE
	1,059	SY	PRE-EMERGENT HERBICIDE

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	6	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	10	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
MG	3	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	12	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

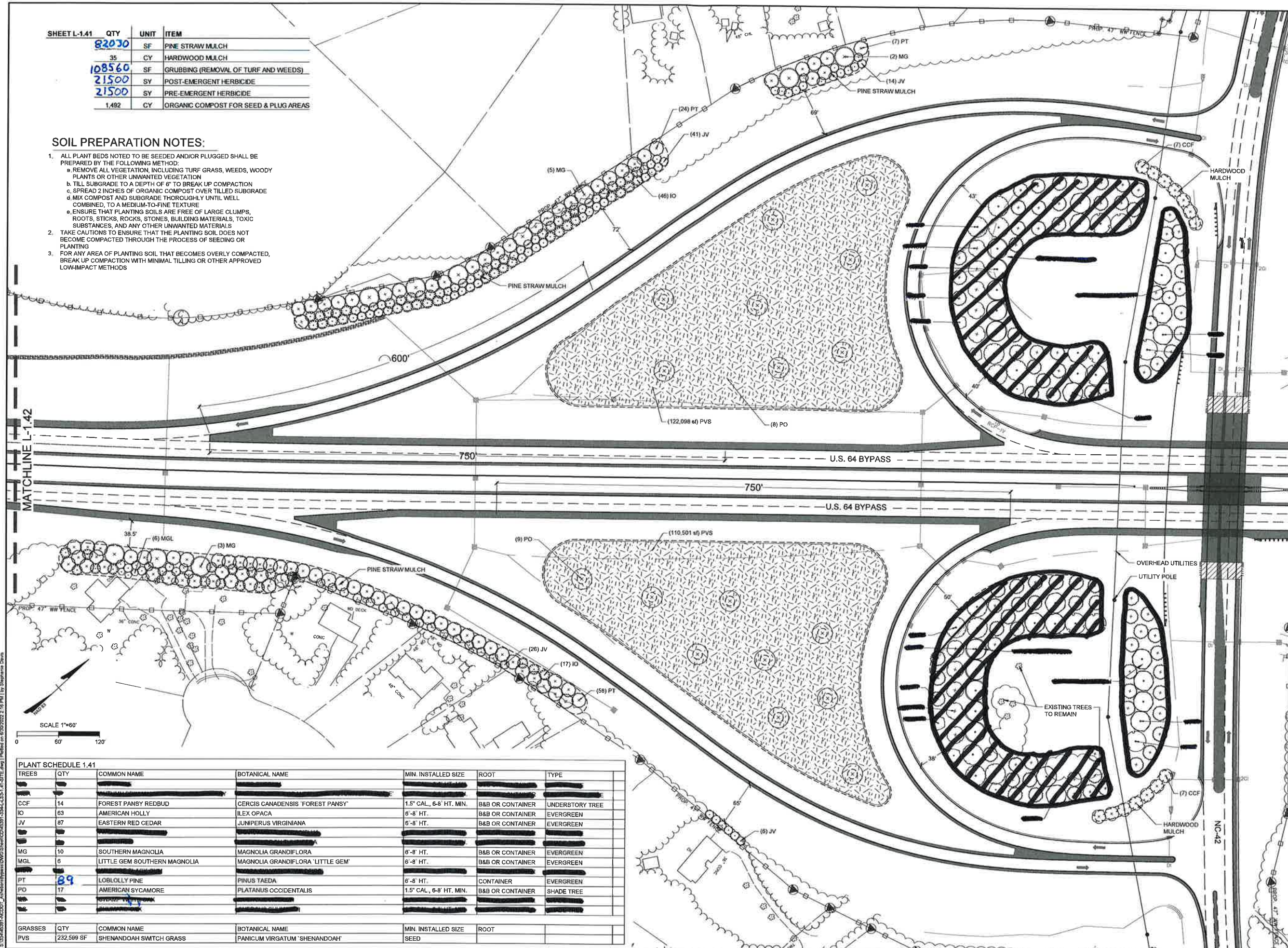


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SHEET L-1.41	QTY	UNIT	ITEM
	82030	SF	PINE STRAW MULCH
	35	CY	HARDWOOD MULCH
	108560	SF	GRUBBING (REMOVAL OF TURF AND WEEDS)
	21500	SY	POST-EMERGENT HERBICIDE
	21500	SY	PRE-EMERGENT HERBICIDE
	1,492	CY	ORGANIC COMPOST FOR SEED & PLUG AREAS

**SOIL PREPARATION NOTES:**

- ALL PLANT BEDS NOTED TO BE SEEDED AND/OR PLUGGED SHALL BE PREPARED BY THE FOLLOWING METHOD:
  - REMOVE ALL VEGETATION, INCLUDING TURF GRASS, WEEDS, WOODY PLANTS OR OTHER UNWANTED VEGETATION
  - TILL SUBGRADE TO A DEPTH OF 6" TO BREAK UP COMPACTION
  - SPREAD 2 INCHES OF ORGANIC COMPOST OVER TILLED SUBGRADE
  - MIX COMPOST AND SUBGRADE THOROUGHLY UNTIL WELL COMBINED, TO A MEDIUM-TO-FINE TEXTURE
  - ENSURE THAT PLANTING SOILS ARE FREE OF LARGE CLUMPS, ROOTS, STICKS, ROCKS, STONES, BUILDING MATERIALS, TOXIC SUBSTANCES, AND ANY OTHER UNWANTED MATERIALS
- TAKE CAUTIONS TO ENSURE THAT THE PLANTING SOIL DOES NOT BECOME COMPACTED THROUGH THE PROCESS OF SEEDING OR PLANTING
- FOR ANY AREA OF PLANTING SOIL THAT BECOMES OVERLY COMPACTED, BREAK UP COMPACTION WITH MINIMAL TILLING OR OTHER APPROVED LOW-IMPACT METHODS



PLANT SCHEDULE 1.41

TREES	QTY	COMMON NAME	BOTANICAL NAME	MIN. INSTALLED SIZE	ROOT	TYPE
CCF	14	FOREST PANSY REDBUD	CERCIS CANADENSIS 'FOREST PANSY'	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
JV	63	AMERICAN HOLLY	ILEX OPACA	6'-8' HT.	B&B OR CONTAINER	EVERGREEN
IO	87	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	6'-8' HT.	B&B OR CONTAINER	EVERGREEN
MG	10	SOUTHERN MAGNOLIA	MAGNOLIA GRANDIFLORA	6'-8' HT.	B&B OR CONTAINER	EVERGREEN
MGL	6	LITTLE GEM SOUTHERN MAGNOLIA	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	6'-8' HT.	B&B OR CONTAINER	EVERGREEN
PT	89	LOBLOLLY PINE	PINUS TAEDA	6'-8' HT.	CONTAINER	EVERGREEN
PO	17	AMERICAN SYCAMORE	PLATANUS OCCIDENTALIS	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	SHADE TREE
GRASSES	QTY	COMMON NAME	BOTANICAL NAME	MIN. INSTALLED SIZE	ROOT	
PVS	232,596 SF	SHENANDOAH SWITCH GRASS	PANICUM VIRGATUM 'SHENANDOAH'	SEED		



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CHECKED BY: J BLASCO  
SCALE: AS SHOWN

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ASHEBORO BYPASS  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SHEET 41

108 NO. 45391  
SHEET NO. L-1.41

108 NO. 45391  
SHEET NO. L-1.41

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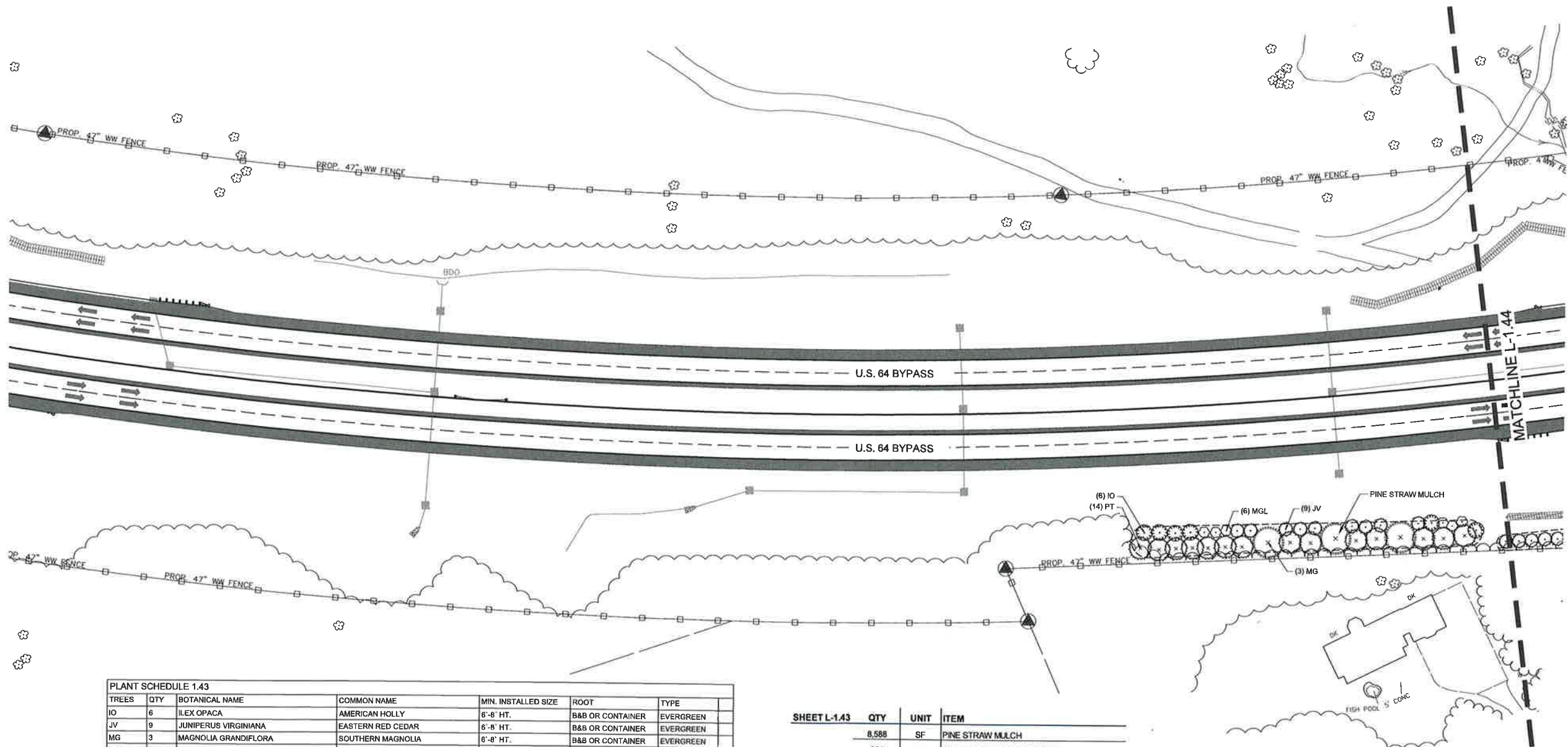
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**ASHEBORO BYPASS**  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SHEET 43

JOB NO.  
45391  
 SHEET NO.  
L-1.43

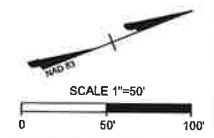


**PLANT SCHEDULE 1.43**

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	6	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	9	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
MG	3	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
MGL	6	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	LITTLE GEM SOUTHERN MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	14	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

**SHEET L-1.43**

QTY	UNIT	ITEM
8,588	SF	PINE STRAW MULCH
954	SY	POST-EMERGENT HERBICIDE
954	SY	PRE-EMERGENT HERBICIDE



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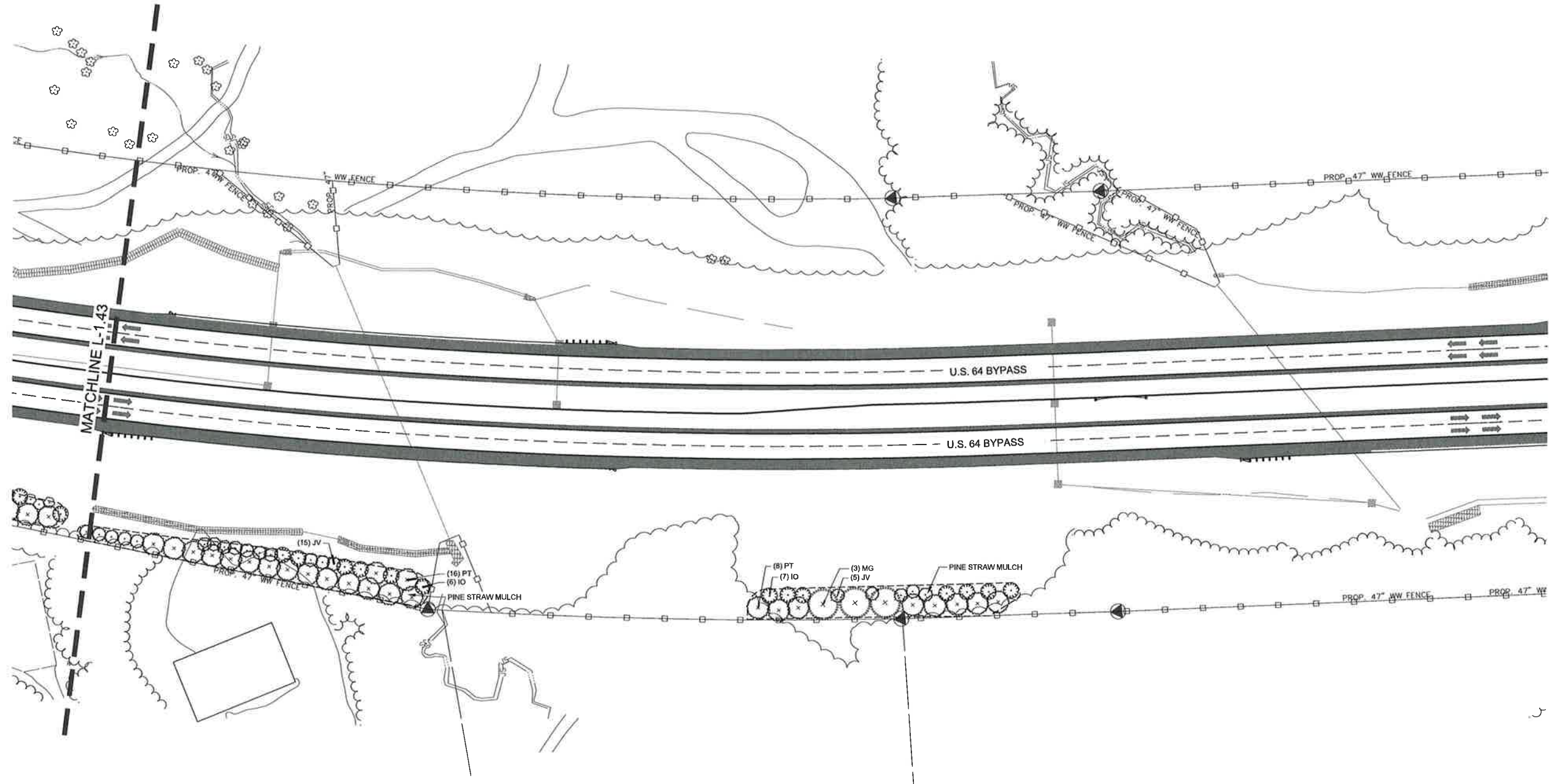
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 SHEET 44

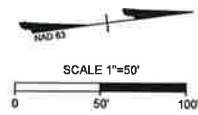
JOB NO.  
45391

SHEET NO.  
L-1.44



TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	13	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	20	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
MG	3	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	24	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

QTY	UNIT	ITEM
15,601	SF	PINE STRAW MULCH
1,733	SY	POST-EMERGENT HERBICIDE
1,733	SY	PRE-EMERGENT HERBICIDE



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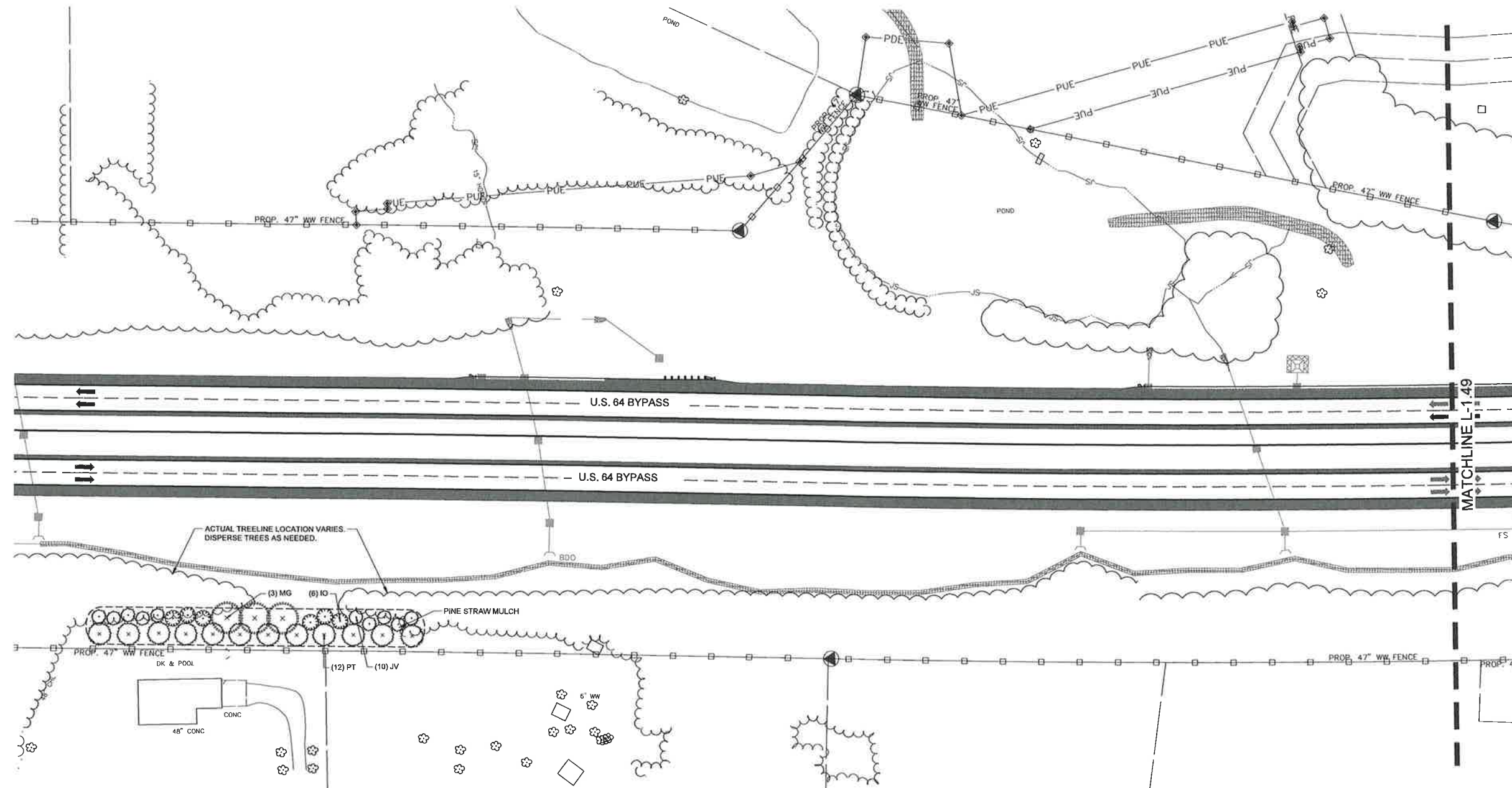
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SHEET 48

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SHEET NO.	L-1.48

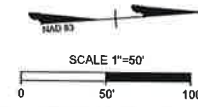


**PLANT SCHEDULE 1.48**

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	6	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	10	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
MG	3	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	12	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

**SHEET L-148**

QTY	UNIT	ITEM
10,875	SF	PINE STRAW MULCH
1,208	SY	POST-EMERGENT HERBICIDE
1,208	SY	PRE-EMERGENT HERBICIDE



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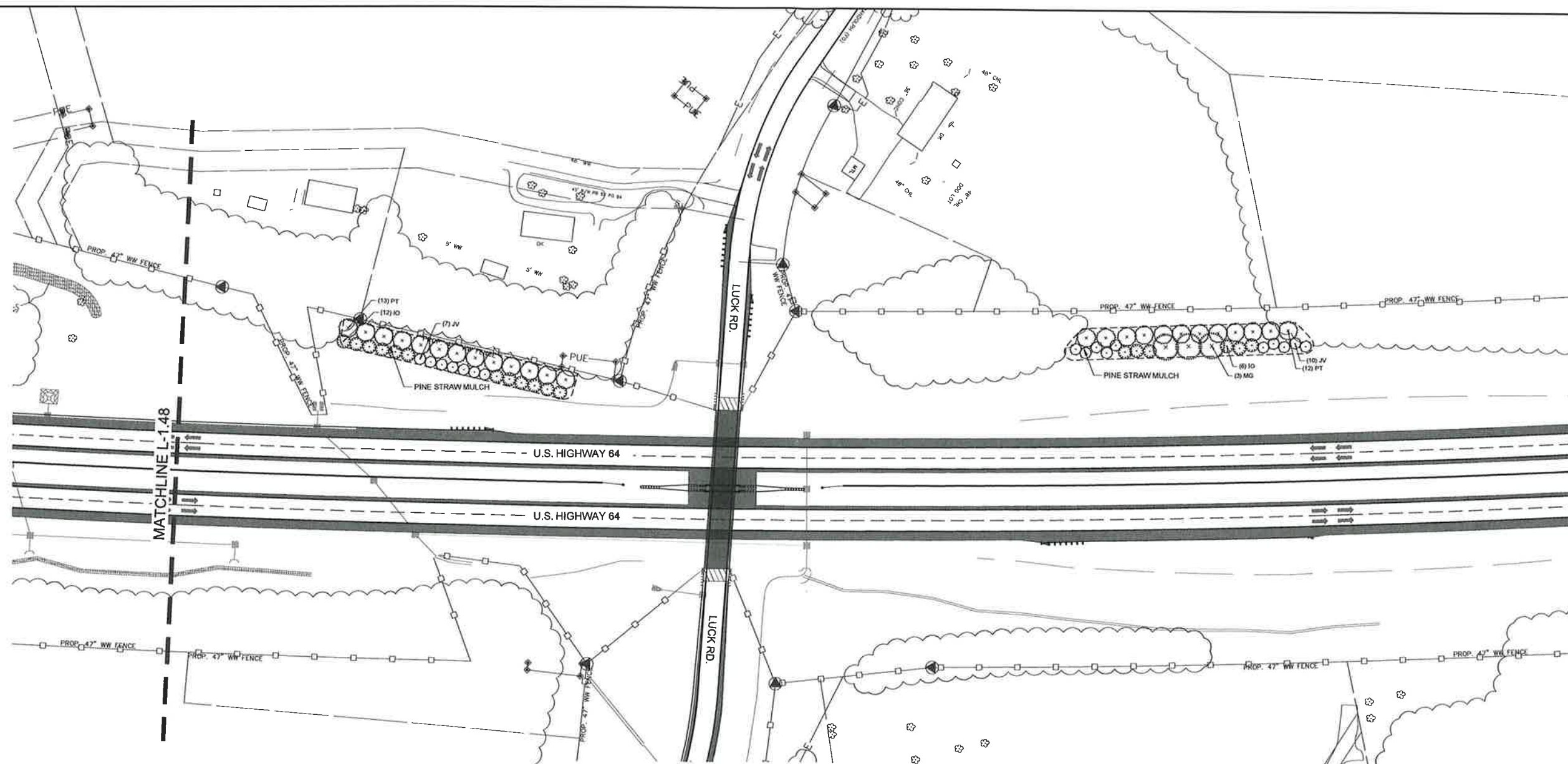
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SHEET 49

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45391  
SHEET NO.  
L-1.49



PLANT SCHEDULE 1.49

TREES	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	TYPE
IO	18	ILEX OPACA	AMERICAN HOLLY	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
JV	17	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
MG	3	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	6'-8" HT.	B&B OR CONTAINER	EVERGREEN
PT	25	PINUS TAEDA	LOBLOLLY PINE	6'-8" HT.	CONTAINER	EVERGREEN

SHEET L-1.49

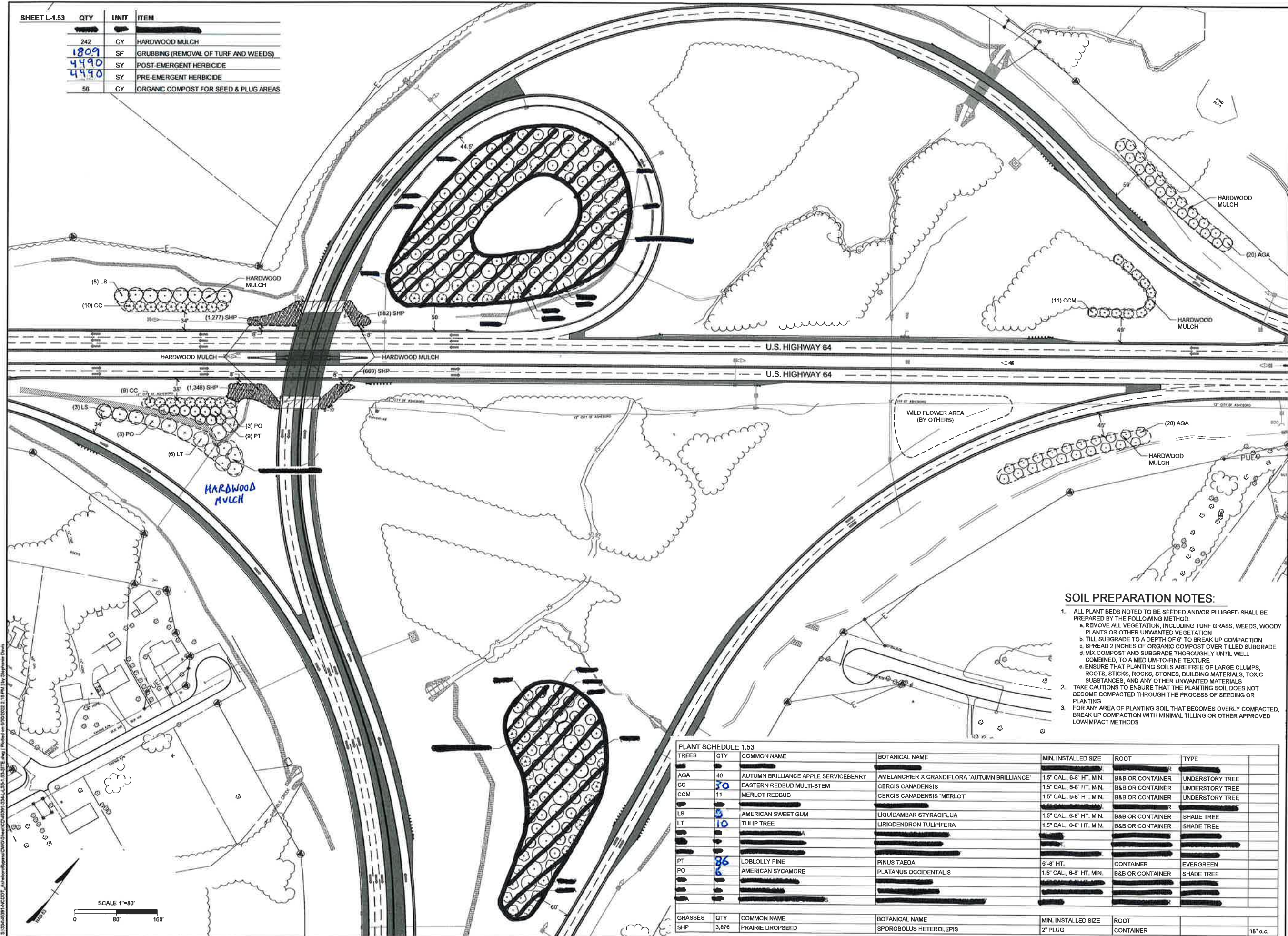
QTY	UNIT	ITEM
17,857	SF	PINE STRAW MULCH
1,962	SY	POST-EMERGENT HERBICIDE
1,962	SY	PRE-EMERGENT HERBICIDE



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SHEET L-1.53	QTY	UNIT	ITEM
	242	CY	HARDWOOD MULCH
	1809	SF	GRUBBING (REMOVAL OF TURF AND WEEDS)
	4490	SY	POST-EMERGENT HERBICIDE
	4490	SY	PRE-EMERGENT HERBICIDE
	56	CY	ORGANIC COMPOST FOR SEED & PLUG AREAS



**SOIL PREPARATION NOTES:**

- ALL PLANT BEDS NOTED TO BE SEEDED AND/OR PLUGGED SHALL BE PREPARED BY THE FOLLOWING METHOD:
  - REMOVE ALL VEGETATION, INCLUDING TURF GRASS, WEEDS, WOODY PLANTS OR OTHER UNWANTED VEGETATION
  - TILL SUBGRADE TO A DEPTH OF 6" TO BREAK UP COMPACTION
  - SPREAD 2 INCHES OF ORGANIC COMPOST OVER TILLED SUBGRADE
  - MIX COMPOST AND SUBGRADE THOROUGHLY UNTIL WELL COMBINED, TO A MEDIUM-TO-FINE TEXTURE
  - ENSURE THAT PLANTING SOILS ARE FREE OF LARGE CLUMPS, ROOTS, STICKS, ROCKS, STONES, BUILDING MATERIALS, TOXIC SUBSTANCES, AND ANY OTHER UNWANTED MATERIALS
- TAKE CAUTIONS TO ENSURE THAT THE PLANTING SOIL DOES NOT BECOME COMPACTED THROUGH THE PROCESS OF SEEDING OR PLANTING
- FOR ANY AREA OF PLANTING SOIL THAT BECOMES OVERLY COMPACTED, BREAK UP COMPACTION WITH MINIMAL TILLING OR OTHER APPROVED LOW-IMPACT METHODS

PLANT SCHEDULE 1.53

TREES	QTY	COMMON NAME	BOTANICAL NAME	MIN. INSTALLED SIZE	ROOT	TYPE
AGA	40	AUTUMN BRILLIANCE APPLE SERVICEBERRY	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
CC	30	EASTERN REDBUD MULTI-STEM	CERCIS CANADENSIS	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
CCM	11	MERLOT REDBUD	CERCIS CANADENSIS 'MERLOT'	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	UNDERSTORY TREE
LS	3	AMERICAN SWEET GUM	LIQUIDAMBAR STYRACIFLUA	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	SHADE TREE
LT	10	TULIP TREE	LIRIODENDRON TULIPIFERA	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	SHADE TREE
PT	86	LOBLOLLY PINE	PINUS TAEDA	6-8' HT.	CONTAINER	EVERGREEN
PO	6	AMERICAN SYCAMORE	PLATANUS OCCIDENTALIS	1.5" CAL., 6-8' HT. MIN.	B&B OR CONTAINER	SHADE TREE
GRASSES	QTY	COMMON NAME	BOTANICAL NAME	MIN. INSTALLED SIZE	ROOT	
SHP	3,876	PRAIRIE DROPSIED	SPOROBOLUS HETEROLEPIS	2" PLUG	CONTAINER	18" o.c.



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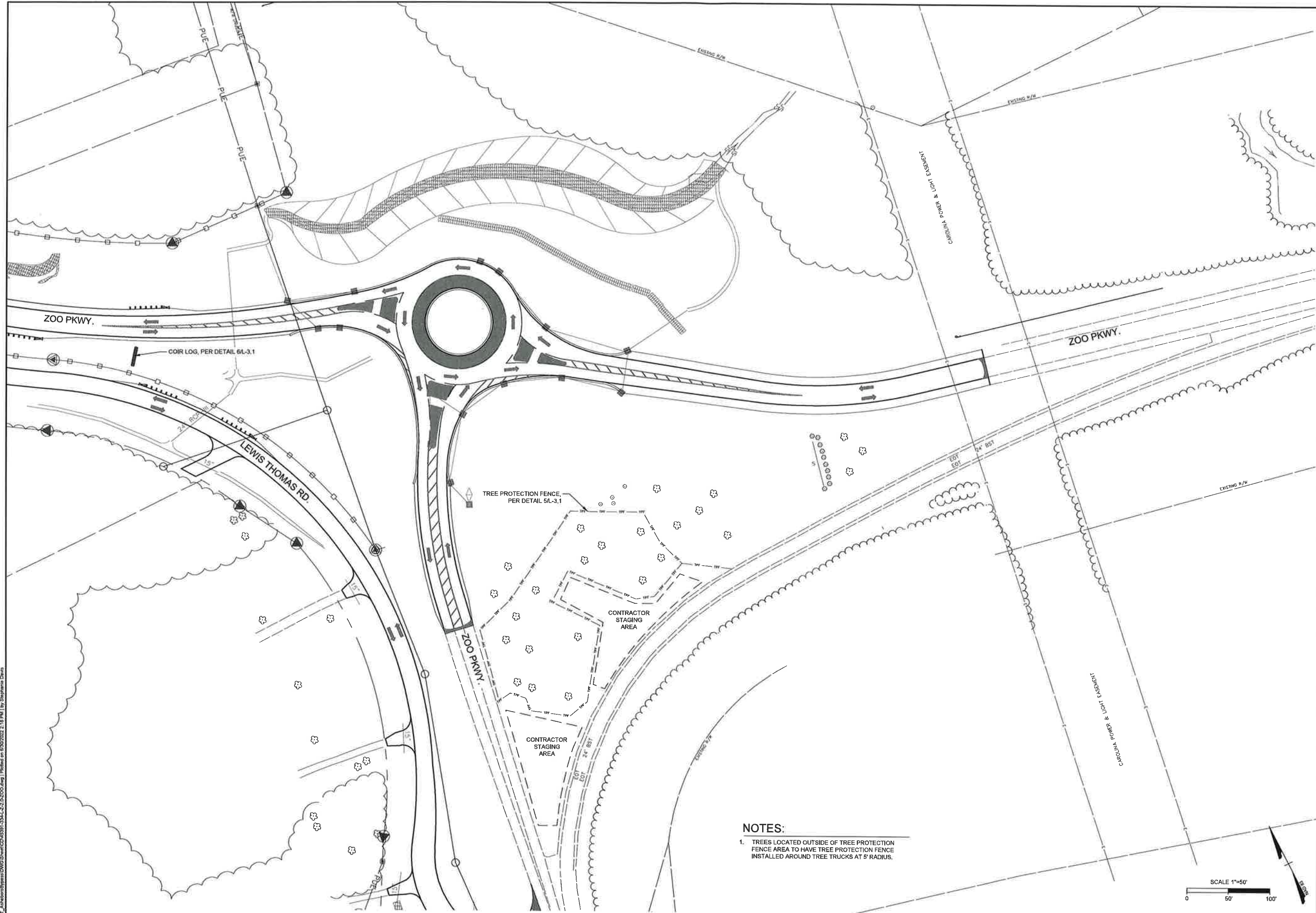
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 SHEET 53  
 JOB NO. 45391  
 SHEET NO. L-1.53

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**NOTES:**  
 1. TREES LOCATED OUTSIDE OF TREE PROTECTION FENCE AREA TO HAVE TREE PROTECTION FENCE INSTALLED AROUND TREE TRUNKS AT 5' RADIUS.



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ASHEBORO BYPASS  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 TREE PROTECTION & EROSION CONTROL PLAN

JOB NO. 45391  
 SHEET NO. L-1.0

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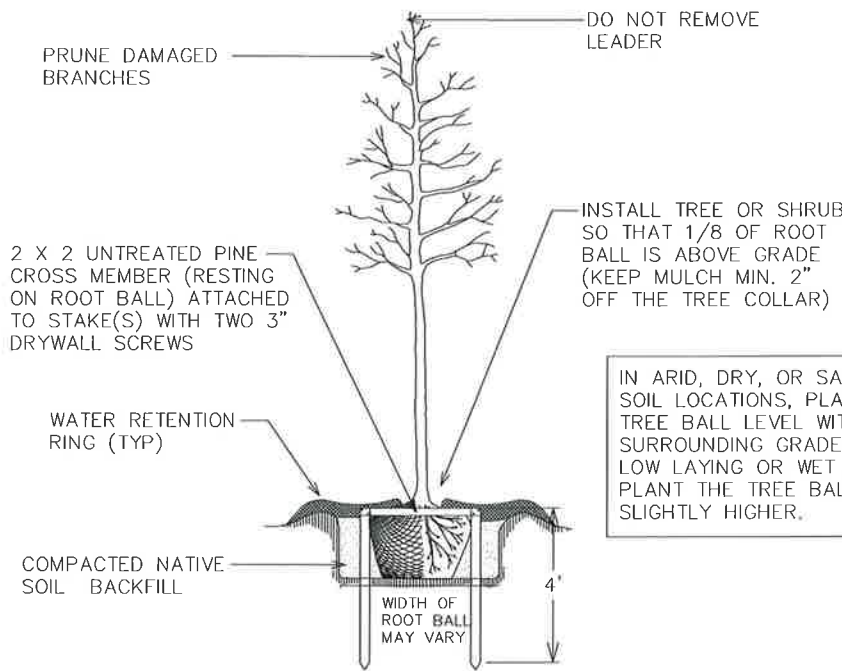
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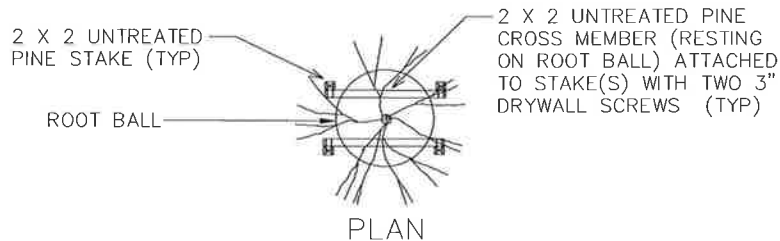
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NCDOT DETAILS

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SECTION

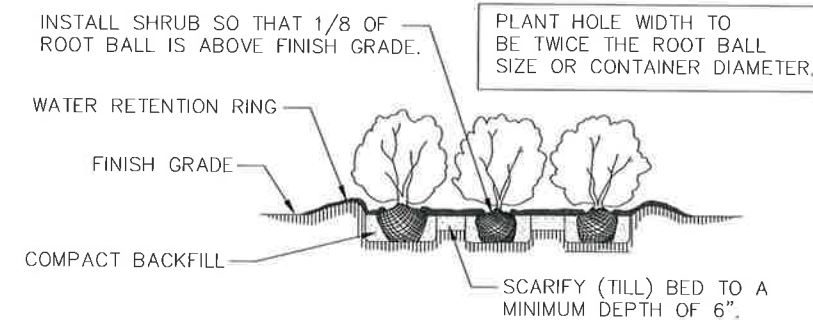


TREE OR SHRUB PLANTING DETAIL (SLOPING GROUND)

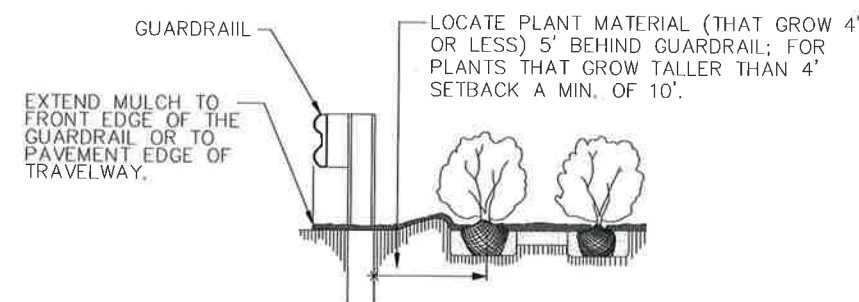
NOTES:

- PLANT HOLE WIDTH TO BE 3 TIMES THE ROOT BALL SIZE OR CONTAINER DIAMETER.
- ADD ORGANIC COMPOST AT 25-30% BY VOLUME TO BACKFILL SOIL.
- APPLY HERBICIDES A MIN. OF 7 DAYS PRIOR TO PLANTING, BY LABEL INSTRUCTIONS, OR AS DIRECTED BY THE NCDOT ENGINEER.
- APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLETT OR TABLET. APPLY AT RATE RECOMMENDED BY MANUFACTURER. BOTH RATE AND FORMULATION MUST BE APPROVED BY FIELD ENGINEER PRIOR TO APPLICATION.
- 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.

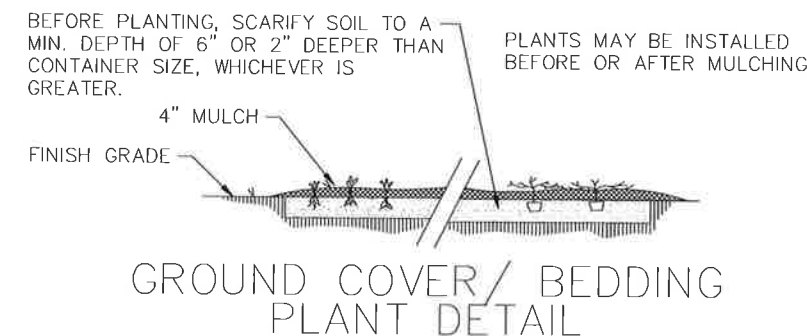
— 4' MIN. TO 8' MAX. NATURAL WEATHERED STONE TO BE PROVIDED BY NCDOT. STONE TO BE BURIED 1/3 IN GROUND AND 2/3 EXPOSED.



SHRUB BED PLANTING DETAIL



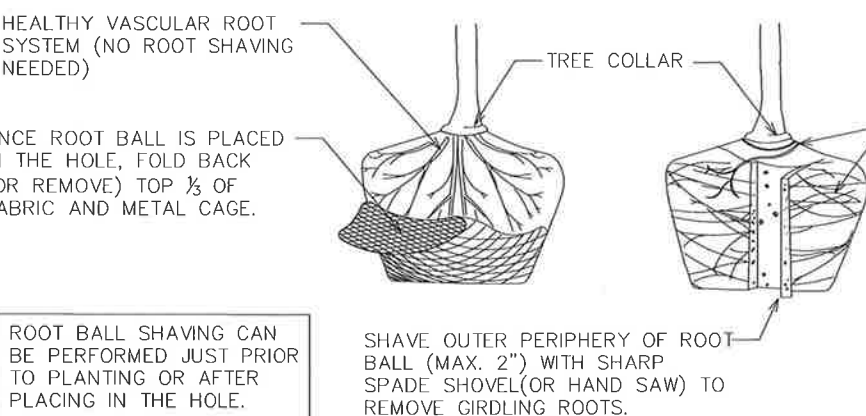
GUARDRAIL MULCHING DETAIL  
USE AS DIRECTED BY FIELD ENGINEER



GROUND COVER/ BEDDING PLANT DETAIL



CLASS "A" STONE DITCH LINING DETAIL



TREE PLANTING INSTRUCTIONS (FOR CONTAINER OR BALLED & BURLAPPED TREES)

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