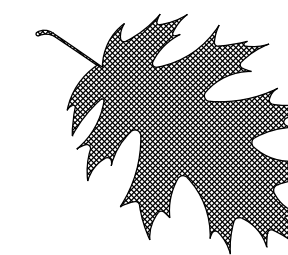
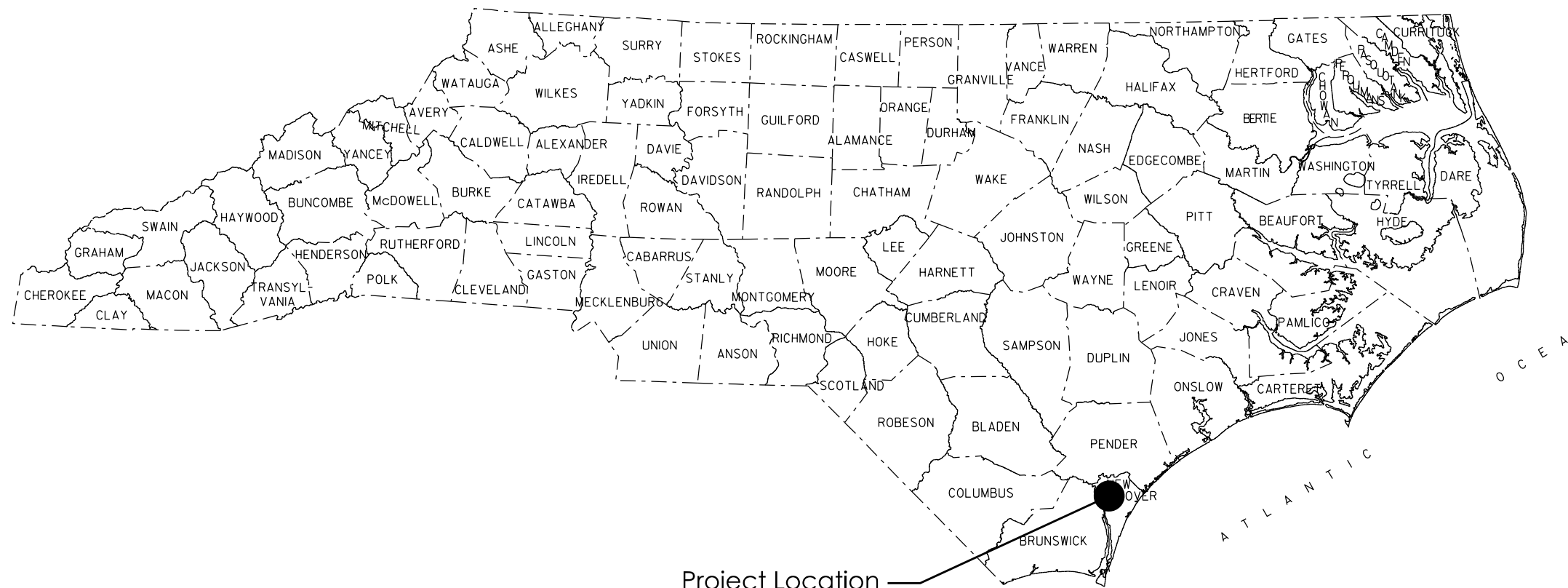
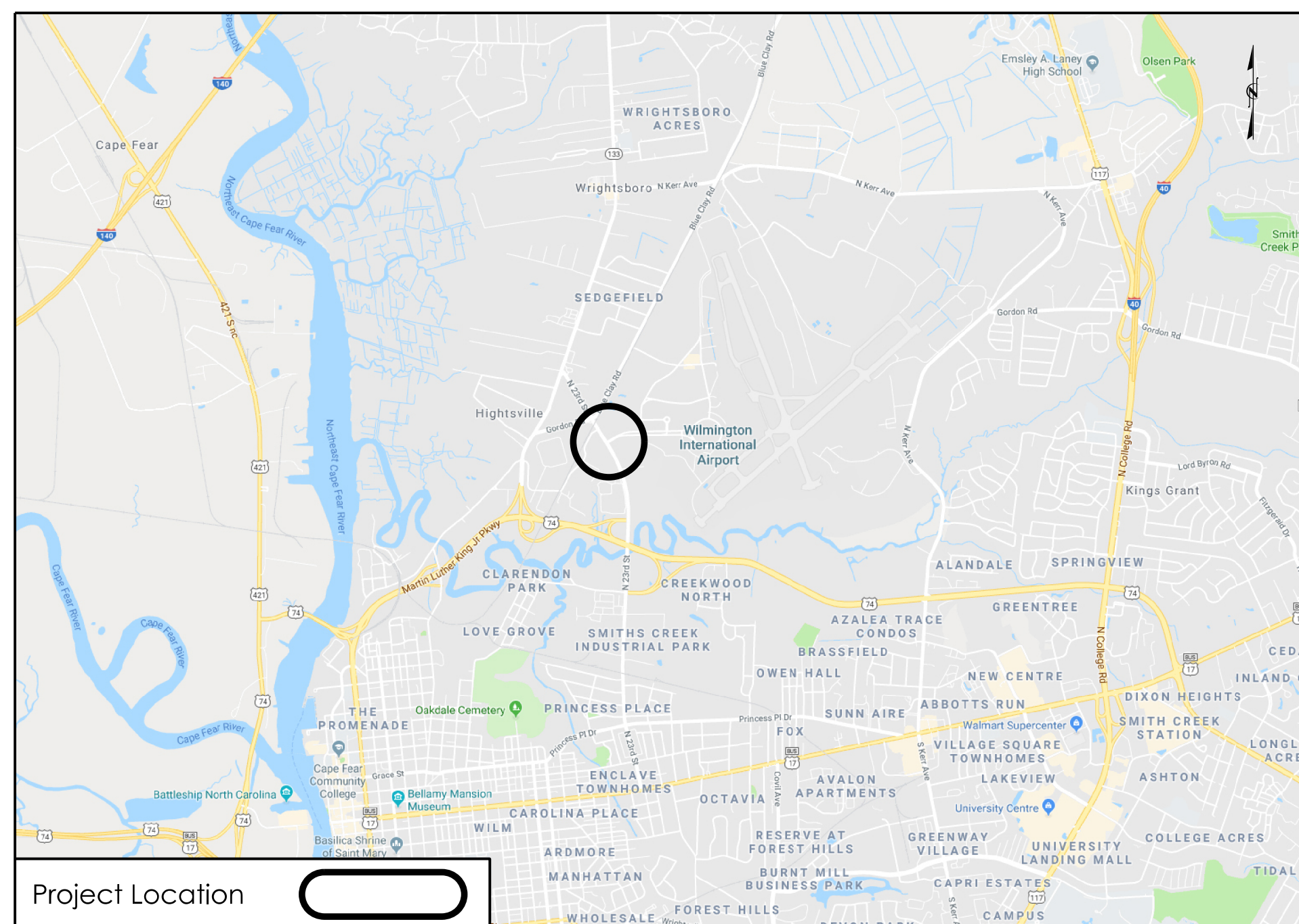


HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



| | | | |
|--------------|------------------------|---------|---------------|
| T.I.P. # | STATE PROJECT W.B.S. # | SHEET # | SHEET # TOTAL |
| ----- | 49404 | L1 | 3 |
| FED. PROJ. # | DESCRIPTION | | DIVISION |
| ----- | Enhancement | | 3 |



Summary of Quantities
1 Year Establishment

| DES | SEC | QTY | UNIT | KEY | BOTANICAL NAME | COMMON NAME | SIZE | CALIPER | FURNISH | A.S.N.S. | REMARKS |
|---|------|------|------|-----|--|--------------------------|------|---------|---------|----------|-------------|
| Trees | | | | | | | | | | | |
| L | 1670 | 22 | ea | IF | <i>Ilex x attenuata</i> 'Fosteri #2' | Foster's No. 2 Holly | 5-6' | | B&B | 5.8 | As Shown |
| L | 1670 | 21 | ea | IT | <i>Ilex opaca</i> 'Tinga' | Tinga American Holly | 6-7' | | B&B | 5.8 | 9' O.C. |
| L | 1670 | 25 | ea | JV | <i>Juniperus virginiana</i> 'Burkii' | Burkii Eastern Red Cedar | 7-8' | | B&B | 4.7 | As Shown |
| L | 1670 | 58 | ea | ML | <i>Magnolia grandiflora</i> 'Little Gem' | Little Gem Magnolia | 7-8' | | B&B | 2.2 | 7' O.C. |
| Grasses/Groundcovers/Perennials | | | | | | | | | | | |
| L | 1664 | 1042 | sqyd | TB | <i>Cynodon dactylon</i> x <i>C. transvaalensis</i> germplasma* | Tifway 419 Bermuda | n/a | | sod | n/a | Tight Seams |
| Other Vegetation Costs | | | | | | | | | | | |
| L | 200 | 0.25 | acre | | Clearing and Grubbing | | | | | | |
| L | 1670 | 12 | ea | | Monthly Maintenance | | | | | | |
| L | 1670 | 86 | cy | | Mulch for Planting | | | | | | 3" Depth |
| L | 1670 | 1032 | sy | | Pre emergence Herbicidal Treatment | | | | | | |
| L | 1670 | 1032 | sy | | Post emergence Herbicidal Treatment | | | | | | |
| L | SP | 120 | LF | | Coir Fiber Wattles (10' length)(50' O.C.) | | | | | | |
| L | 1101 | 1 | LS | | Traffic Control | | | | | | |
| L | 1670 | 15 | m/g | | Water for Planting | | | | | | |
| Alternative Plant Option for Tinga American Holly (<i>Ilex x attenuata</i> 'Savannah'; Savannah Holly) | | | | | | | | | | | |
| *Tifway 419 Bermuda sod quantity includes 10% extra for waste cuts | | | | | | | | | | | |
| * m/g - 1,000 Gallons | | | | | | | | | | | |

NOTES:

- Existing conditions shown on the plans are based on survey information and roadway plans. actual site conditions may vary.
- Prior to any demolition or work taking place, the contractor shall locate and verify all utility lines and structures within the construction areas (water, sewer, gas, electrical, etc.)
- The contractor shall take the necessary precautions to prevent damage of adjacent plant material, facilities, and structures to remain. The contractor shall restore disturbed areas to their original condition and to the satisfaction of the Division Roadside Environmental Engineer.
- The utilities shown on the plans are approximate locations. The contractor shall locate and protect in place all existing utilities before digging occurs and major construction begins.
- Demolition, removal, and disposal of items from the site must be completely in accordance with the law. The contractor is responsible for making a site visit to determine and verify all demolition requirements prior to bidding.
- The contractor shall verify all conditions and dimensions at the job site prior to construction, and if discrepancies are found, notify the Division Roadside Environmental Engineer for clarification.

23rd Street Landscape Screen in Wilmington

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..... | ----- |

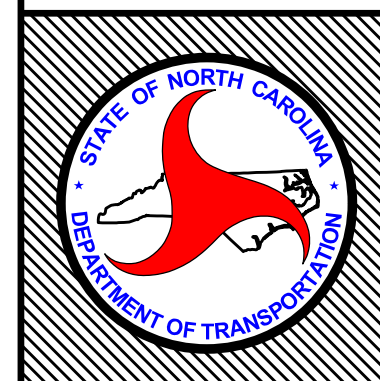
INDEX OF L SHEETS:

- L 1.0 - Title Sheet
- L 2.0 - Planting Details
- L 3.0 - Planting Plan

PREPARED BY: K. Cooper DATE: 10/22/20

REVISIONS

| DATE | DESCRIPTION |
|---------|--|
| 4/8/21 | Sod quantity adjustments near wetland area |
| 5/19/21 | Plant Substitutions |



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LOCATION: 23rd St. & Airport Blvd. in Wilmington

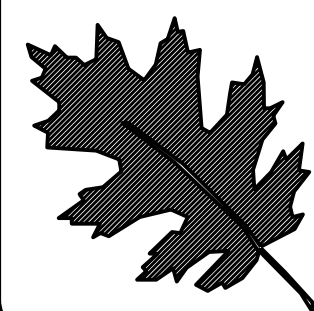
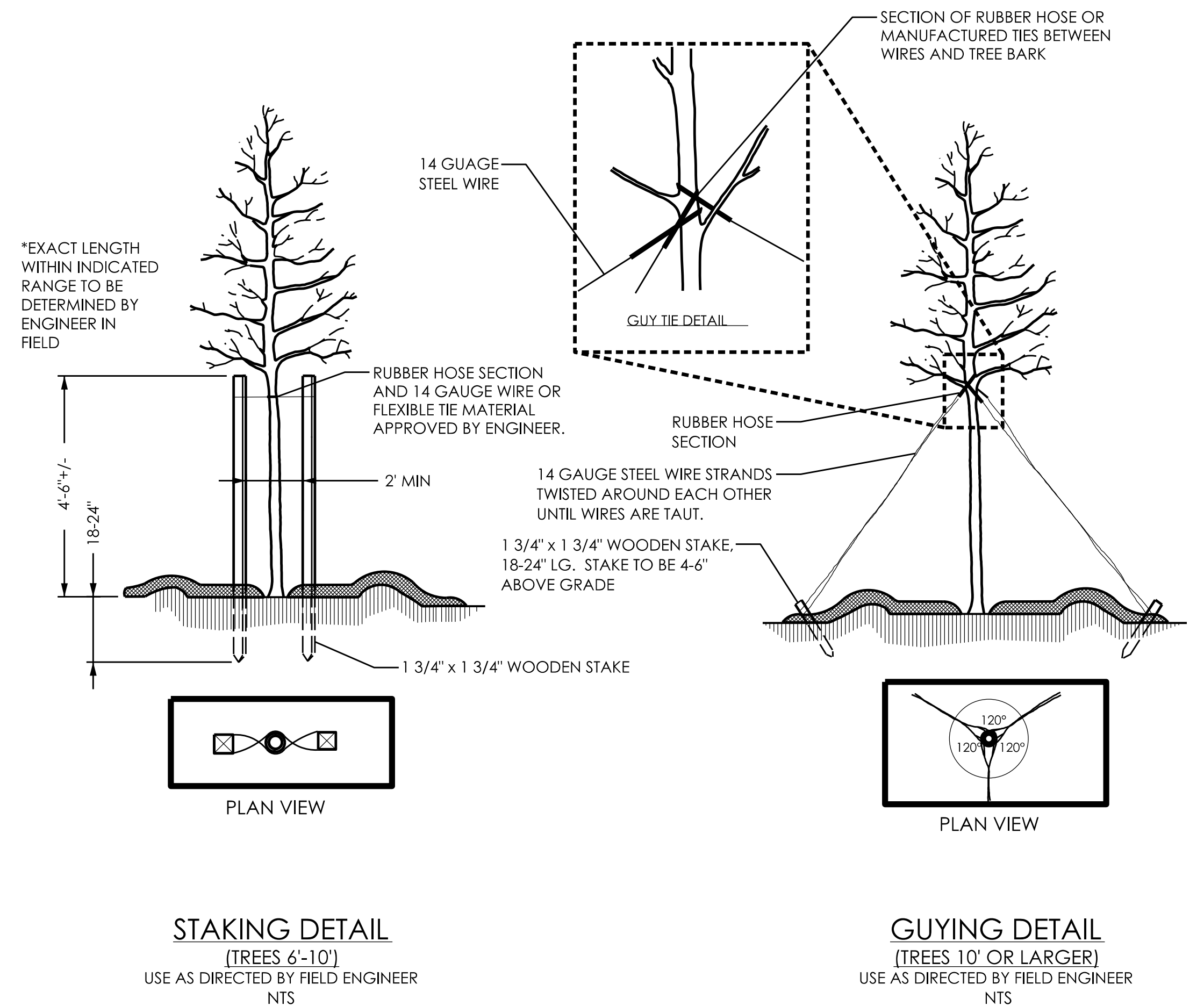
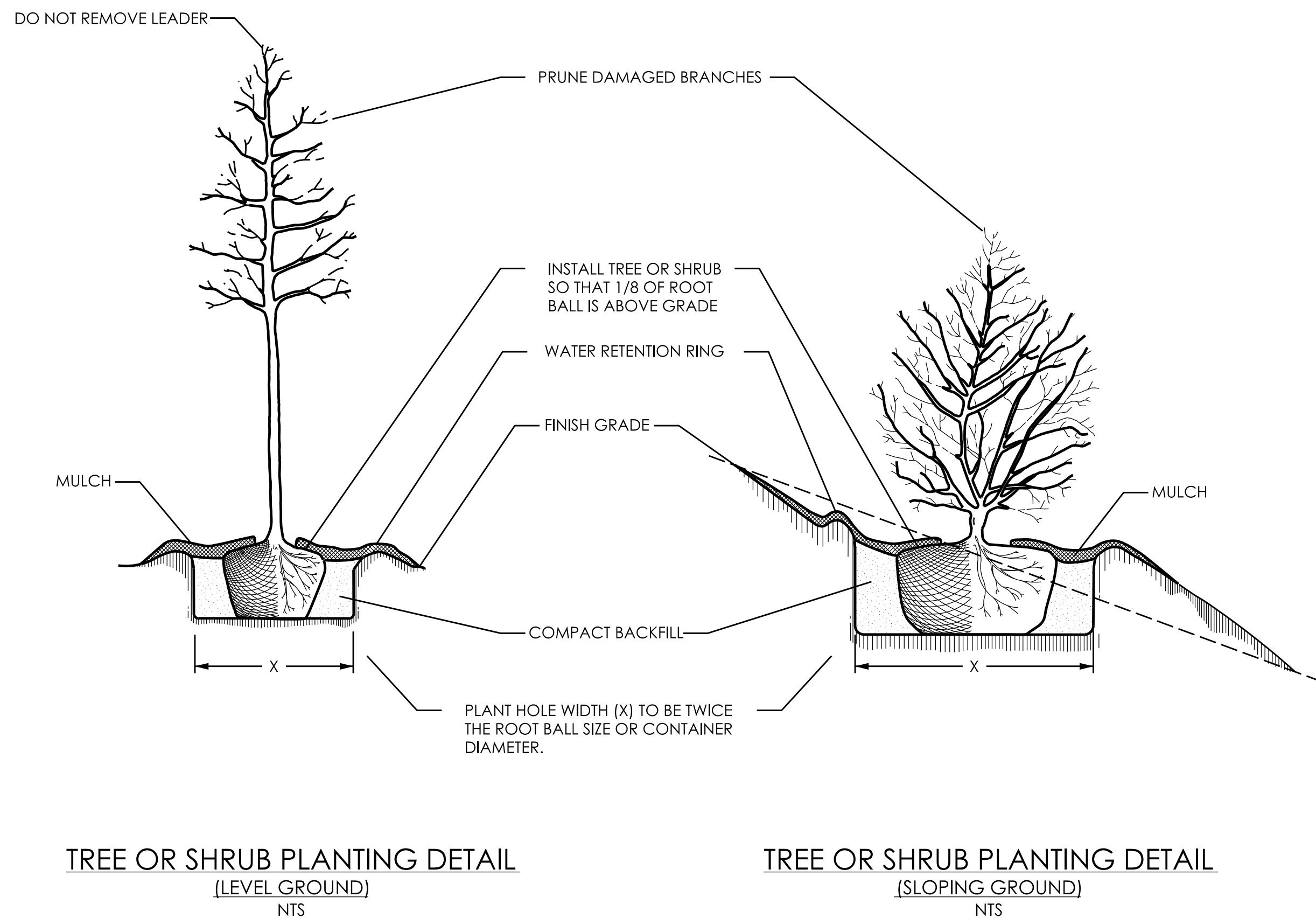
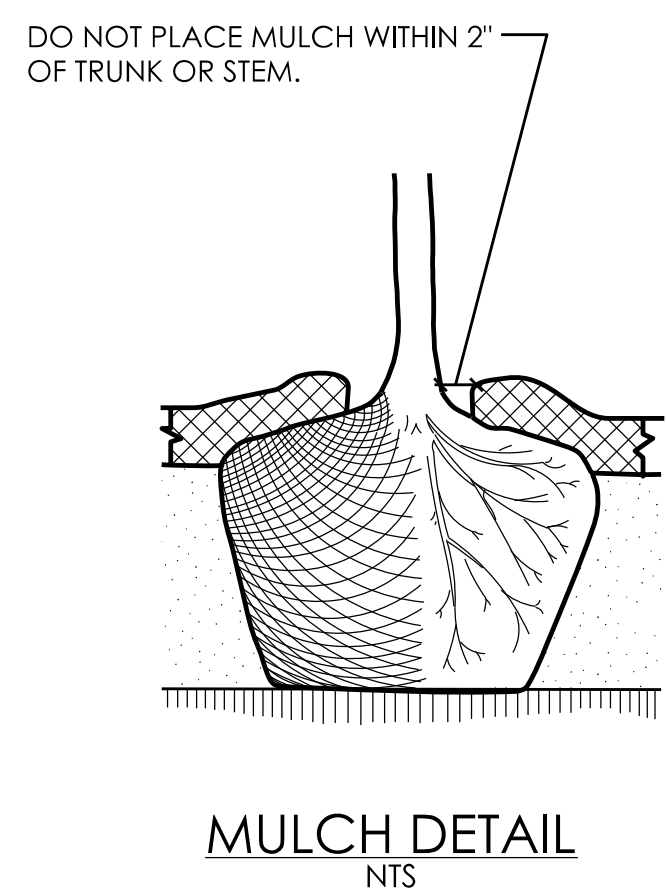
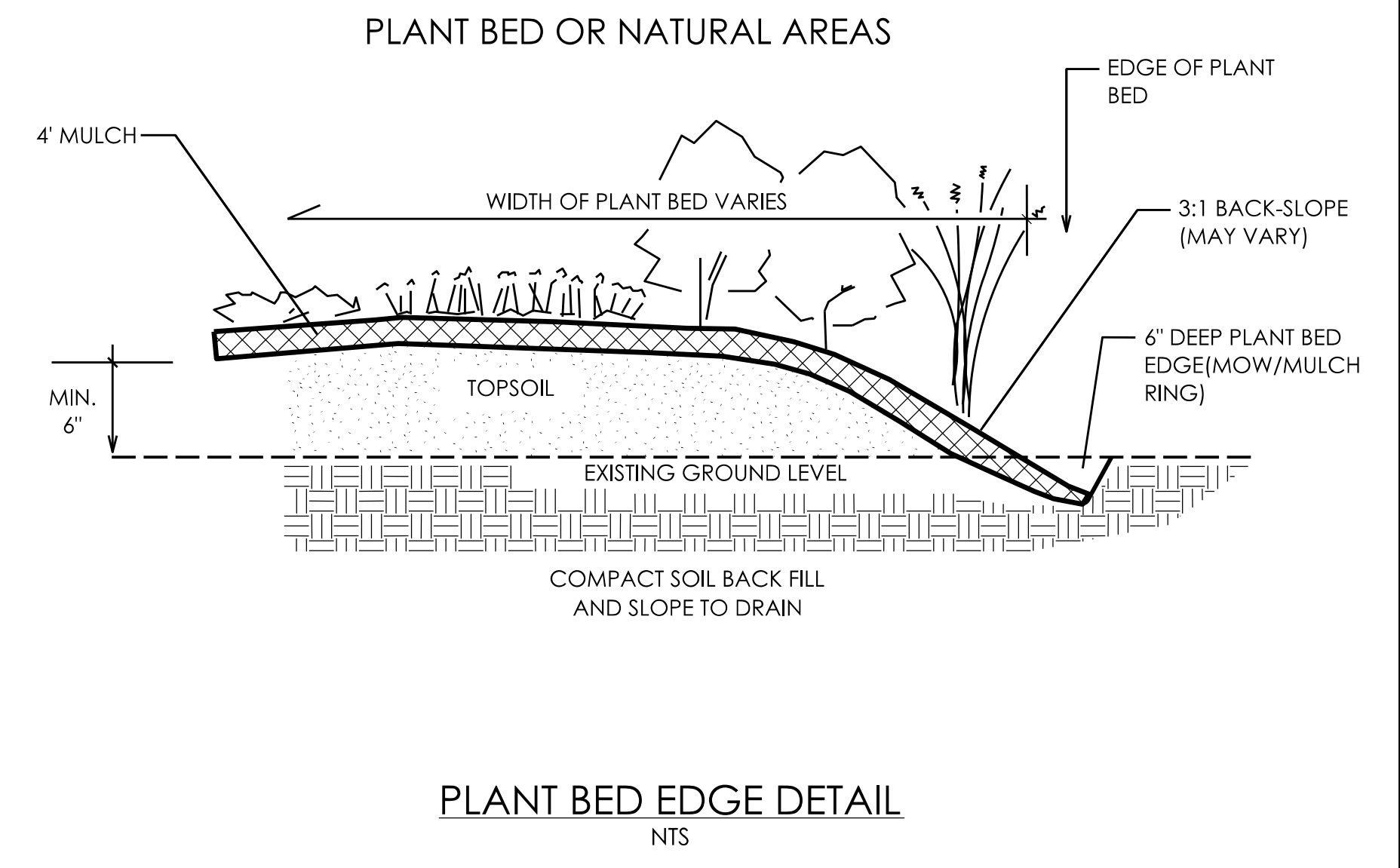
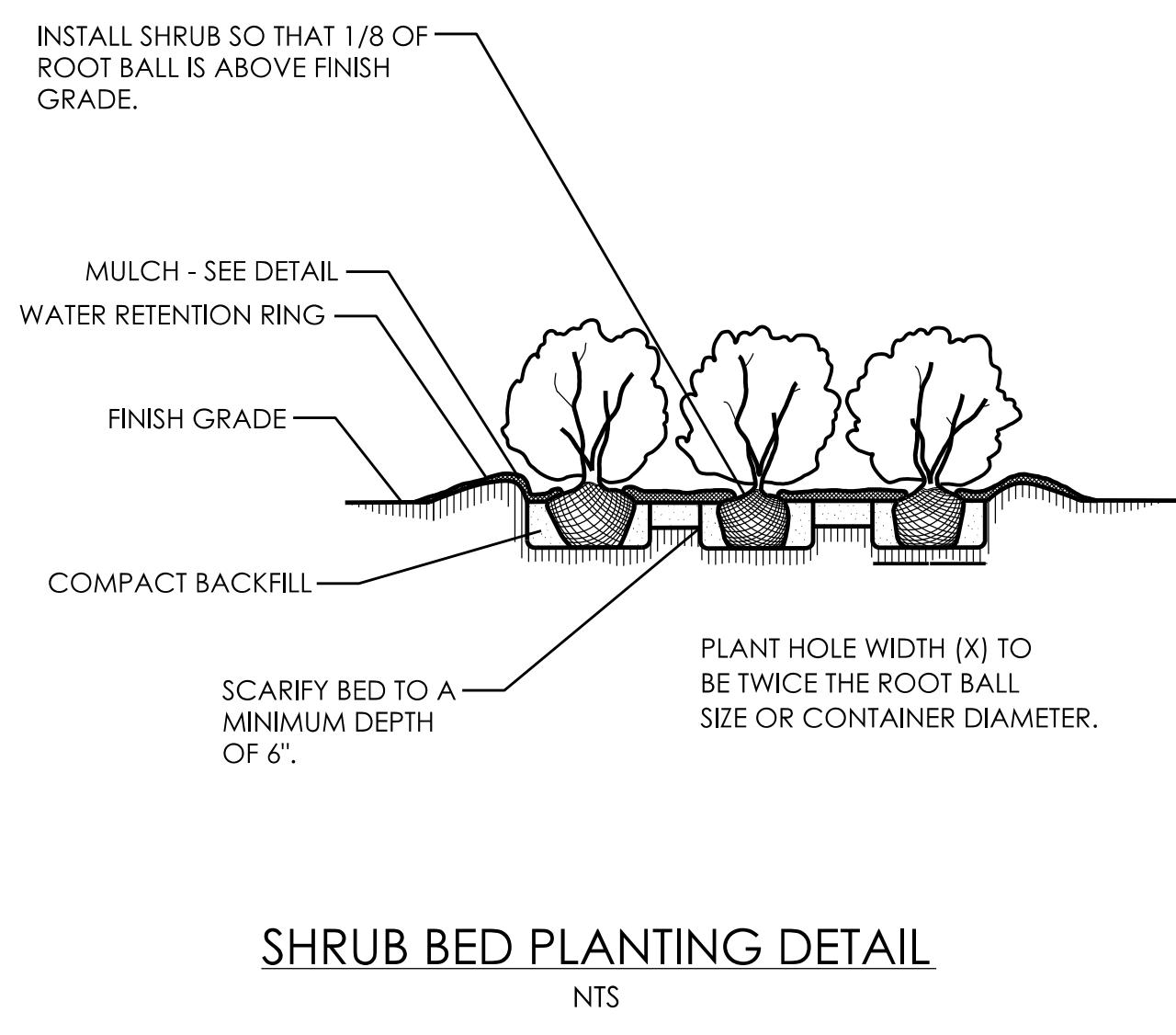
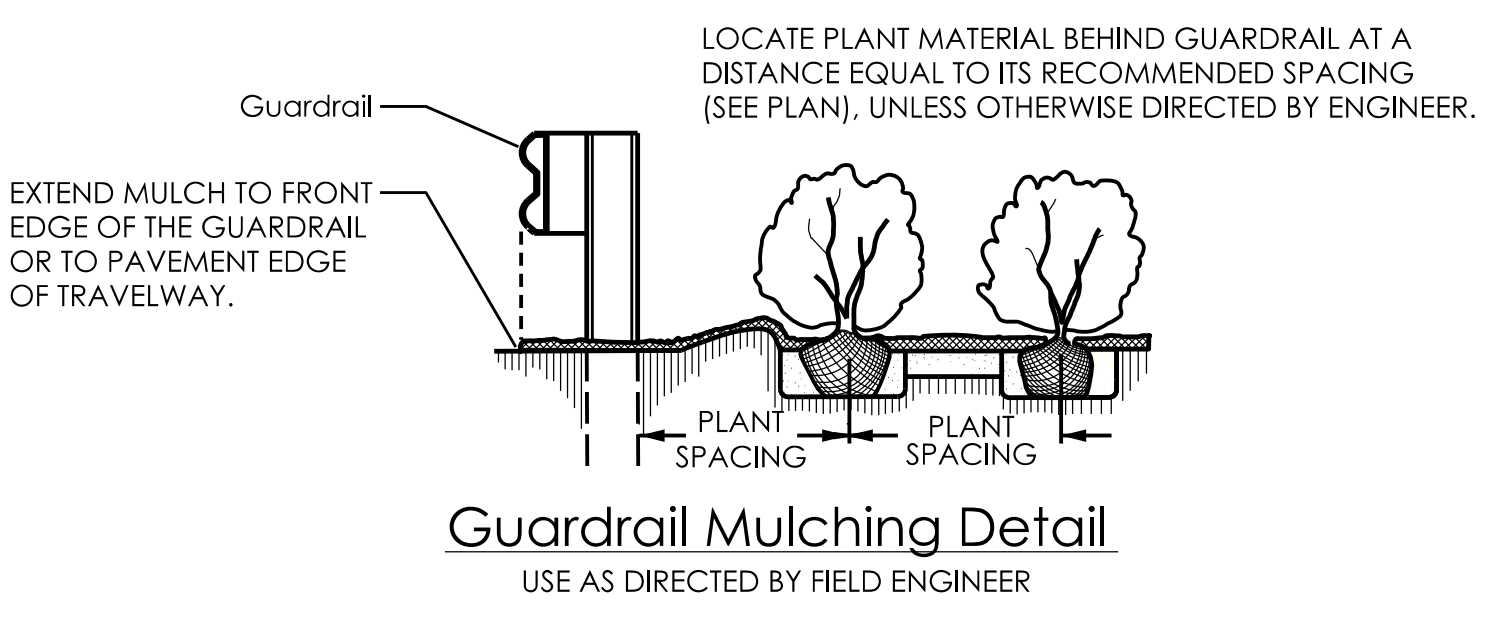
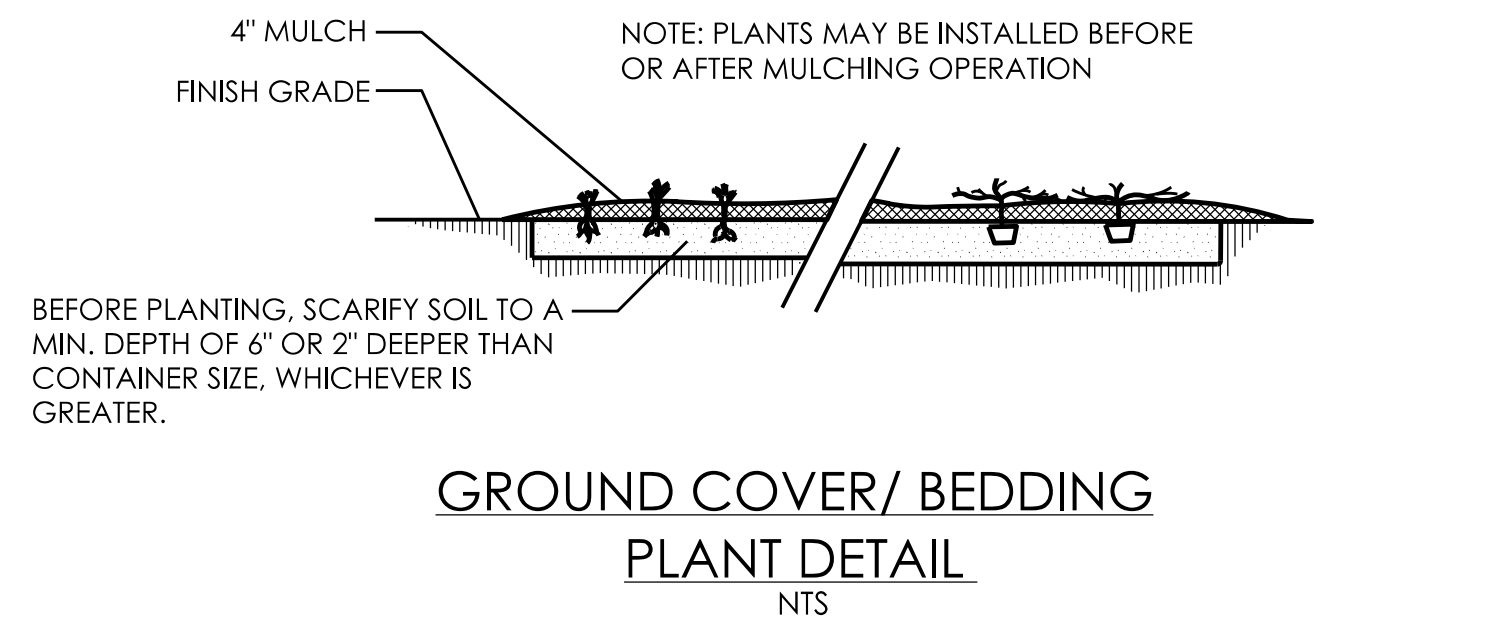
TYPE of WORK: Enhancement

COUNTY: New Hanover County

2014 American Standard for Nursery Stock
2018 NCDOT STANDARD SPECIFICATIONS
PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
AESTHETIC ENGINEERING SECTION
1557 MAIL SERVICE CENTER
RALEIGH, NC 27699 919-707-2920

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.



NCDOT - ROADSIDE ENVIRONMENTAL UNIT
 AESTHETIC ENGINEERING SECTION
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
 PH: 919-707-2935 FAX: 919-715-2554
http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/

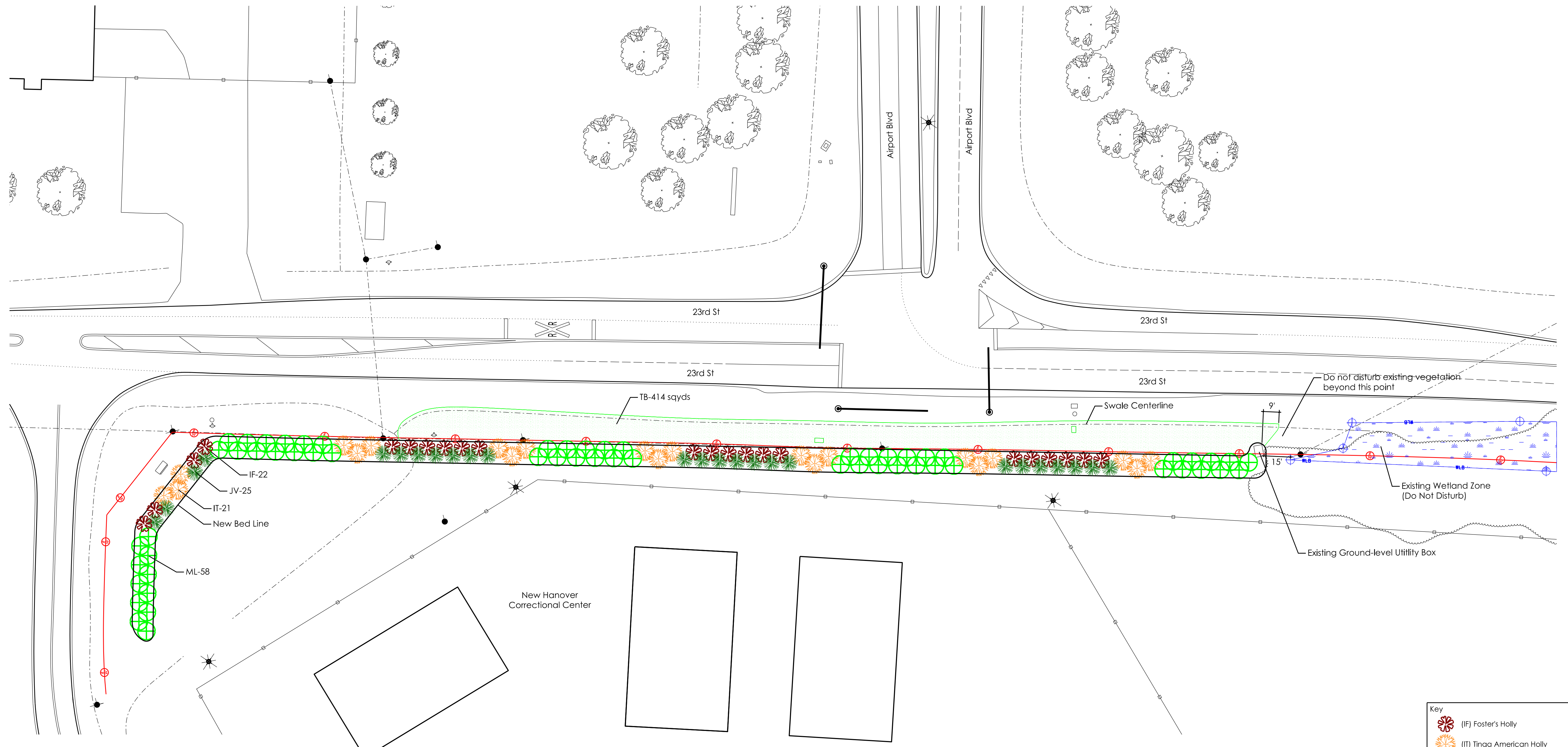
Landscape Architect
 Kyle Cooney
 23rd St. Landscape Screen in Wilmington
 New Hanover County
 WBS #: 49404

SHEET DESCRIPTION:
 PREL. DESIGN DATE: March 2019
 CHECKED BY & DATE: -----
 FINAL DESIGN DATE: Oct. 22, 2020

Planting Details
 Landscape Plan Sheet



T.I.P. # -----
 WBS # 49404
 FED I.D. # -----
 SHEET NO.: L-2
 TOTAL SHEET NO.: L-3



Key

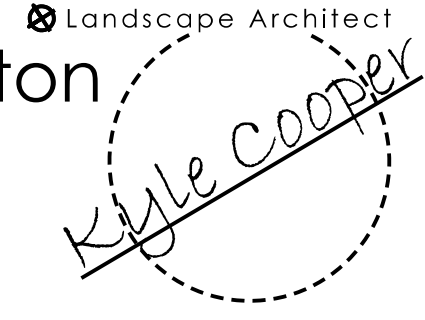
| | |
|--|---------------------------|
| | (IF) Foster's Holly |
| | (IT) Tinga American Holly |
| | (JV) Burkii Red Cedar |
| | (ML) Little Gem Magnolia |
| | (TB) Tifway 419 Bermuda |

| QTY | KEY | BOTANICAL NAME | COMMON NAME | SPACING |
|------------|-----|---|--------------------------|-------------|
| 22 | IF | <i>Ilex x attenuata</i> 'Fosteri #2' | Foster's No. 2 Holly | As Shown |
| 21 | IT | <i>Ilex opaca</i> 'Tinga' | Tinga American Holly | 9' O.C. |
| 25 | JV | <i>Juniperus virginiana</i> 'Burkii' | Burkii Eastern Red Cedar | As Shown |
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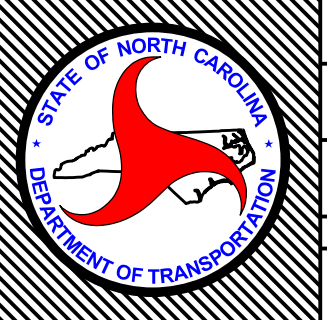
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23rd St. Landscape Screen in Wilmington
 New Hanover County
 WBS #: 49404



SHEET DESCRIPTION:
 PREL. DESIGN DATE: March 2019
 CHECKED BY & DATE: -----
 FINAL DESIGN DATE: Oct. 22, 2020

Planting Plan
 Landscape Plan Sheet

 T.I.P. # -----
 WBS # 49404
 FED I.D. # -----
 SHEET NO.: L-3 TOTAL SHEET NO.: L-3