

PLANT SCHEDULE:				
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
CANOPY STREET TREES				
QS	QUERCUS SHUMARDII	SHUMARD OAK	2-1/2" cal.	48
UNDERSTORY TREES				
CC	CERCIS CANADENSIS	EASTERN REDBUD	6" ht.	9
CFAS	CORNUS FLORIDA 'APPALACHIAN SPRING'	APPALACHIAN SPRING DOGWOOD	6" ht.	10
CD	CERUS FLORIDA	DEODAR CEDAR	4.5" ht.	9
IV	UNIFRERUS VIRGINIANA	EASTERN RED CEDAR	4-5" ht.	41
MV	MAGNOLIA VIRGINIANA	SWEET BAG MAGNOLIA	6" ht.	40
PT	PINSTAEDA	LOBLOLLY PINE	4-5" ht.	8
TOTAL				26267

County Parcel
(Parcel ID
046B0-00-00-001C0)

SWM Facilities

VDOT SWM Facility

Connector Road

Ashwood Blvd

Landscaping Buffer

PROPOSED LANDSCAPING BUFFER
CONSISTING OF EVERGREEN TREES
ALONG CONNECTOR ROAD

PROPOSED LANDSCAPING BUFFER
CONSISTING OF EVERGREEN TREES
ALONG CONNECTOR ROAD

LANDSCAPING NOTES:

1. LARGE STREET TREE PROVIDED EVERY 60' OF STREET FRONTAGE.
2. STREET TREES SHALL BE LOCATED A MINIMUM OF 5' FROM DRAINAGE STRUCTURES AND A MINIMUM OF 10' FROM WATERLINE AND SANITARY SEWER STRUCTURES.
3. GROUND AS A CLEAR ZONE TO PRESERVE SIGT LINES AND ACCOMMODATE PEDES TRANS.
4. ALL SITE PLANTINGS SHALL BE ALLOWED TO REACH, AND BE MAINTAINED AT, MATURE HEIGHT; THE TOPPING OF TREES IS PROHIBITED. SHRUBS AND TREES SHALL BE PRUNED MINIMALLY AND ONLY TO SUPPORT THE OVERALL HEALTH OF THE PLANT.
5. OWNERS ASSOCIATION AND REPLACED WHEN NECESSARY. REPLACEMENT MATERIAL SHALL COMPLY WITH THE APPROVED LANDSCAPE PLAN.

LANDSCAPING CALCS:

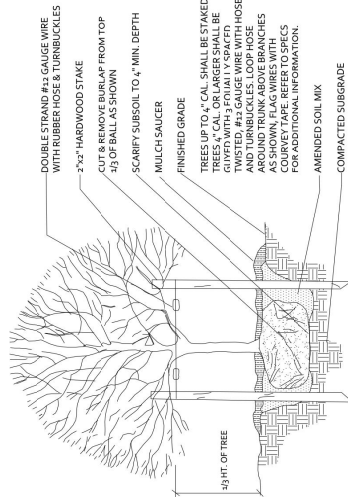
TOTAL STREET FRONTAGE AT 046B ARCHER AVENUE = 1,986'
STREET TREES REQUIRED = 40 TREES (1 TREE PER EVERY 50' OF STREET FRONTAGE)
STREET TREES PROVIDED = 48 TREES

CONSERVATION PLAN NOTES:

1. ALL TREES TO BE PRESERVED AND PROTECTED SHALL BE MARKED WITH PAINT OR RIBBON AT A HEIGHT CLEARLY VISIBLE TO EQUIPMENT OPERATORS. NO LAND DISTURBING ACTIVITY SHALL BEGIN UNTIL THE TREE MARKING HAS BEEN INSTALLED BY THE CONTRACTOR AND INSPECTED AND APPROVED BY THE COUNTY ENGINEERING DEPARTMENT.
2. HEAVY EQUIPMENT, VEHICULAR TRAFFIC, AND THE STORAGE OF CONSTRUCTION MATERIALS AND SOIL SHALL NOT BE PERMITTED WITHIN THE OUTSIDE DRIP LINE OF TREES TO BE PRESERVED AND PROTECTED.
3. TEMPORARY EROSION CONTROL MEASURED AND/OR PERMANENT STORMWATER MANAGEMENT FACILITIES LOCATIONS SHALL BE COORDINATED SUCH THAT THEY SHALL NOT ADVERSELY AFFECT TREES TO BE PRESERVED AND PROTECTED.
4. FIRES SHALL NOT BE PERMITTED WITHIN 100 FEET OF THE OUTSIDE DRIP LINE OF TREES TO BE PRESERVED AND PROTECTED.
5. TOXIC MATERIALS SHALL NOT BE STORED WITHIN 100 FEET OF THE OUTSIDE DRIP LINE OF TREES TO BE PRESERVED AND PROTECTED.
6. NO LAND DISTURBING ACTIVITY SHALL BEGIN UNTIL THE TREE PROTECTIVE FENCING HAS BEEN INSTALLED BY THE CONTRACTOR AND INSPECTED AND APPROVED BY THE COUNTY ENGINEERING DEPARTMENT.
7. WHEN TREENCHING FOR ANY KIND OF UNDERGROUND WATER, SEWER, ELECTRICAL, CABLE, TELEPHONE, OR OTHER UTILITY SERVICE OF TREES SHALL BE MAXIMIZED TO THE FURTHEST EXTENT POSSIBLE. TUNNELING SHALL BE REQUIRED WHEN DEEMED BY THE COUNTY ENGINEER, THAT TRENCHING WILL SIGNIFICANTLY DAMAGE FEEDER ROOTS OF TREES TO BE PRESERVED AND PROTECTED.
8. ANY DAMAGE TO THE CROWN, TRUNK, OR ROOT SYSTEM OF ANY TREE TO BE PRESERVED AND PROTECTED SHALL BE REPAIRED IMMEDIATELY, IN ACCORDANCE WITH THE PRACTICES IN THE EROSION AND SEDIMENT CONTROL HANDBOOK. CARE FOR SERIOUS INJURIES SHALL BE PRESCRIBED BY A PROFESSIONAL FORESTER OR TREE SPECIALIST.
9. SOILS WHICH HAVE BEEN COMPACTED, OVER THE ROOT ZONES OF TREES TO BE PRESERVED AND PROTECTED, SHALL BE AERATED AND FORTN IN EACH HOLE UNTIL SOIL IS LOOSENER.
10. TREE PROTECTIVE MEASURES SHALL BE THE LAST OF THE TEMPORARY EROSION CONTROL PLAN MEASURES REMOVED DURING THE FINAL CLEAN-UP.

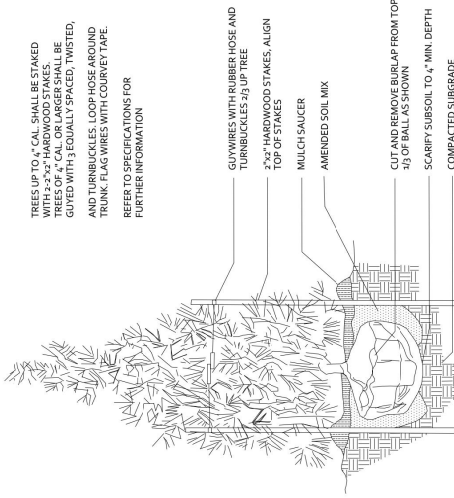
Tree Planting and Staking Detail

Not To Scale



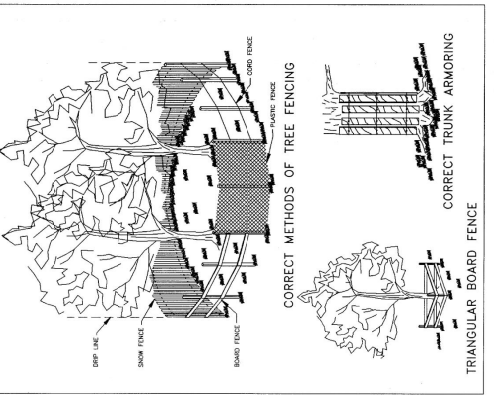
Evergreen Tree Planting Detail

Not To Scale



1992 3.38

FENCING AND ARMORING



Source: Va. USWC

III. - 401

Plate 3.38-2

COLLINS ENGINEERING

200 GARRETT STREET, SUITE K. - CHARLOTTESVILLE, VA 22902 - 434.293.3719

BROOKHILL - ARCHER AVENUE EXTENSION ROAD PLAN

LANDSCAPING PLAN

PROJECT 182150
SHEET TITLE
SHEET NO. 13

REVISIONS	DATE	REVISION DESCRIPTION
8/22/22	INITIAL SUBMITTAL	REVISED PER ALBEMARLE COUNTY, VDOT, & ASCA COMMENTS
5/25/23	REVISED PER 7/6/23 COMMENTS	REVISED PER 7/6/23 COMMENTS
8/28/23	REVISED PER 7/6/23 COMMENTS	REVISED PER 7/6/23 COMMENTS

