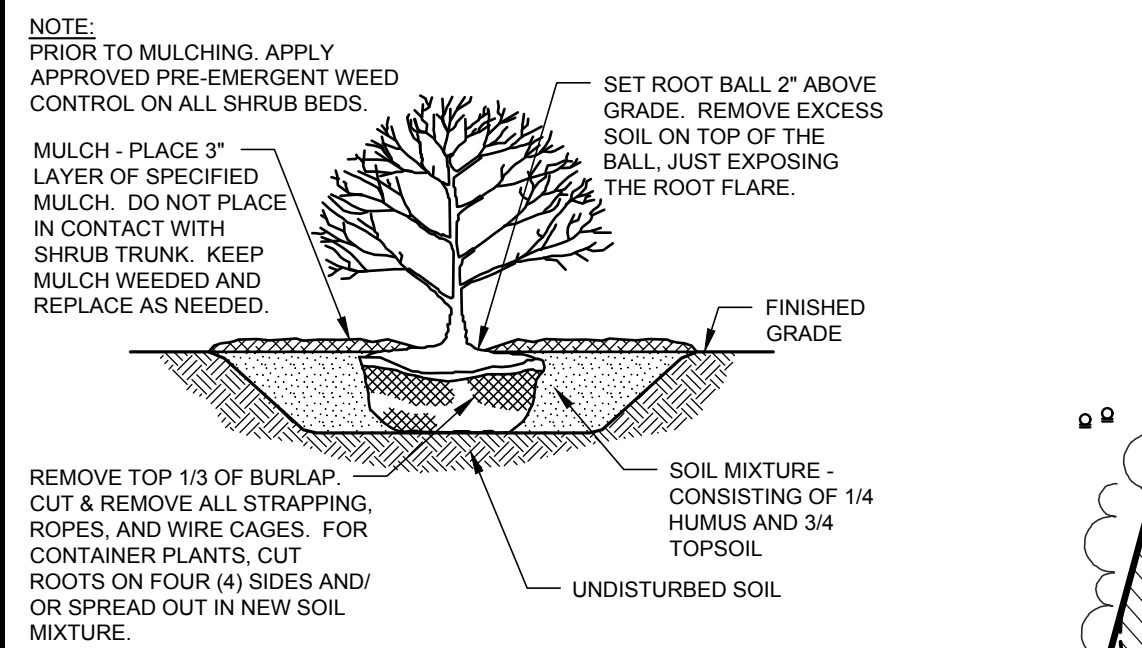
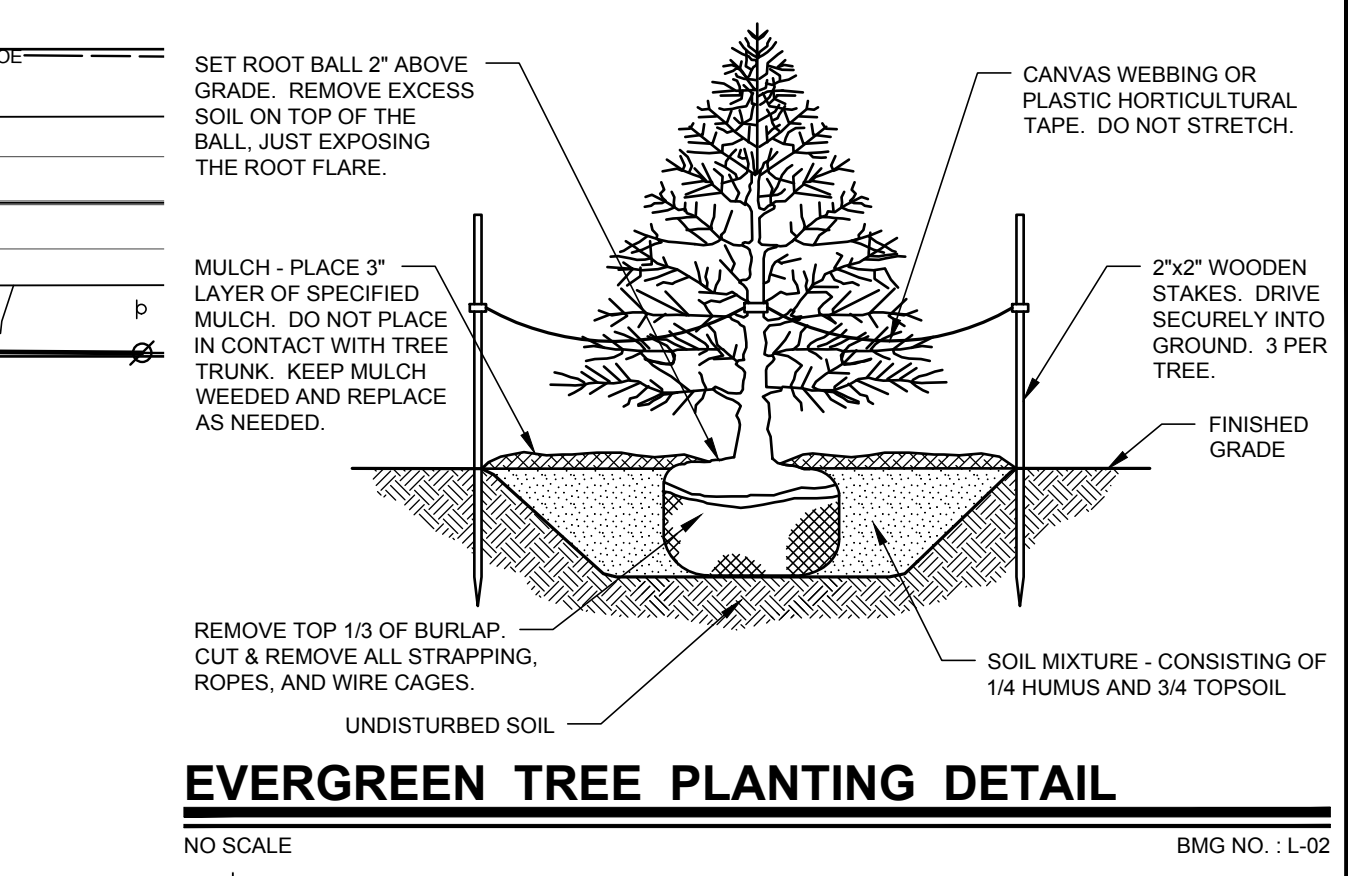
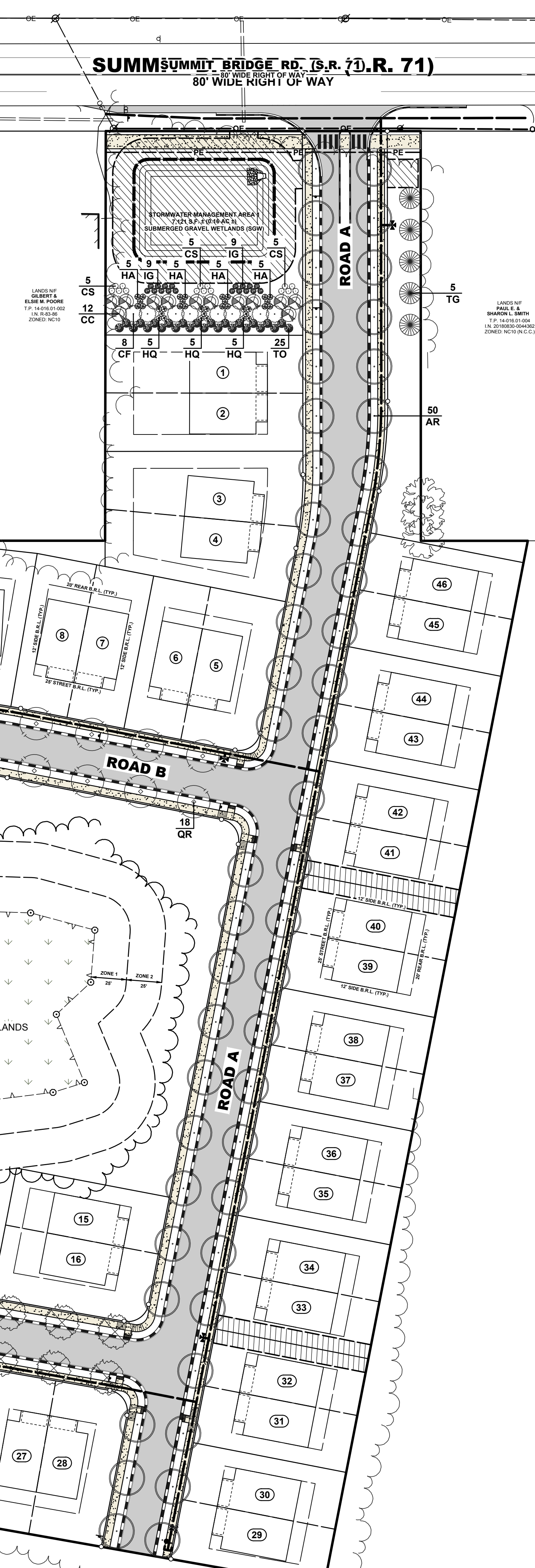
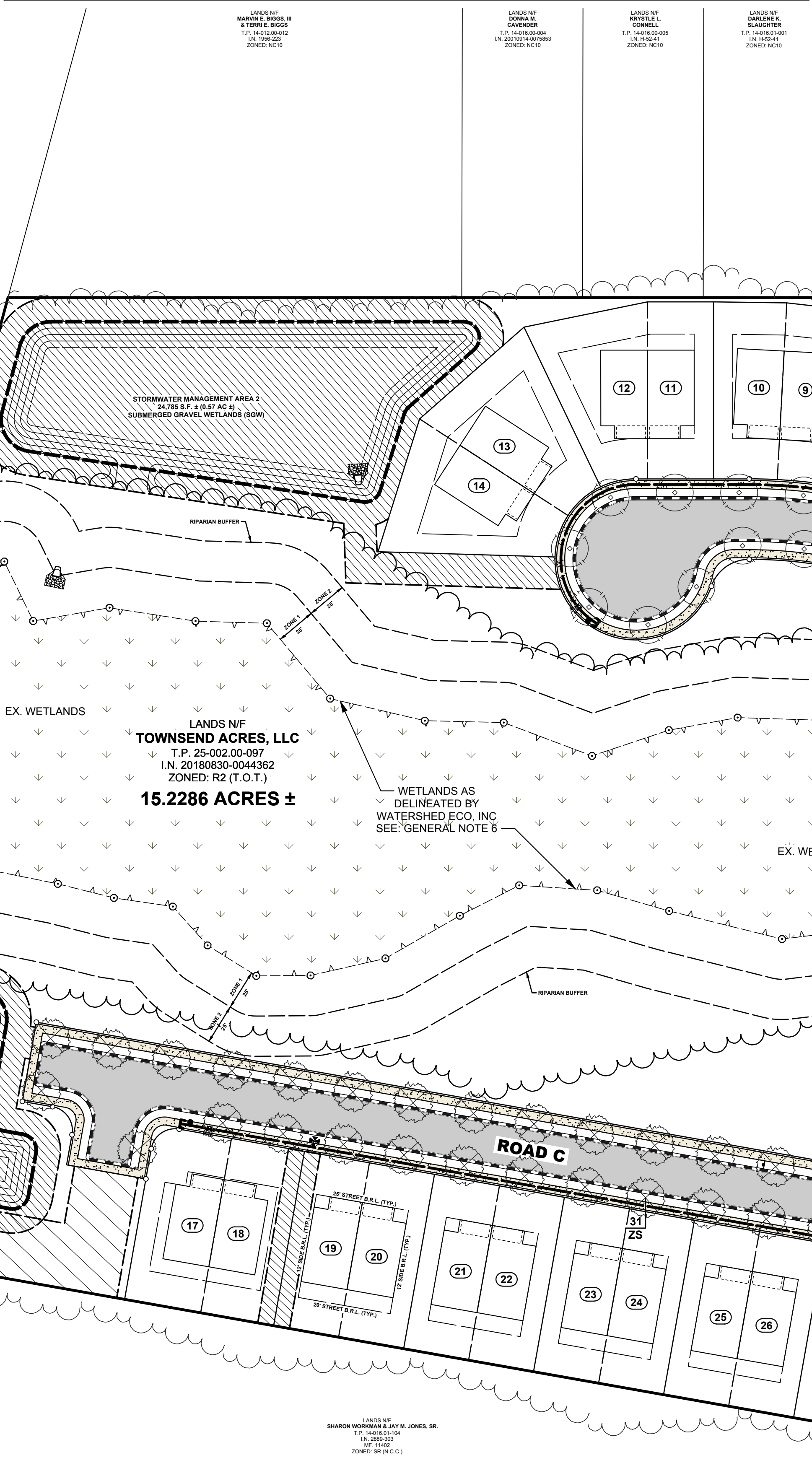


DECIDUOUS TREE PLANTING DETAIL
NO SCALE
BMG NO.: L-01



SHRUB PLANTING DETAIL
NO SCALE
BMG NO.: L-03

PLANT LIST						
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
CANOPY TREES						
AR	50	ACER RUBRUM 'SUNSET RED'	RED MAPLE	3 1/2" CAL	B&B	FHV
QR	18	QUERCUS RUBRA	NORTHERN RED OAK	3 1/2" CAL	B&B	FHV
ZS	31	ZELKOVA SERRATA 'VILLAGE GREEN'	VILLAGE GREEN ZELKOVA	3 1/2" CAL	B&B	FHV
UNDERSTORY TREES						
CC	12	CERCIS CANADENSIS	EASTERN REDBUD	1 1/2" CAL	B&B	FHV
CF	8	CORNUS FLORIDA	WHITE FLOWERING DOGWOOD	1 1/2" CAL	B&B	FHV
EVERGREEN TREES						
TG	5	THUJA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	5'-6' HGT	B&B	FHV
TO	25	THUJA OCCIDENTALIS 'EMERALD GREEN'	EMERALD GREEN ARBORVITAE	5'-6' HGT	B&B	FHV
SHRUBS						
CS	15	CORNUS SERICEA 'ARCTIC FIRE'	RED TWIG DOGWOOD	24"-36"	CONT	
HA	20	HYDRANGEA ARBORESCENS	SMOOTH HYDRANGEA	24"-36"	CONT	
HQ	15	HYDRANGEA QUERCIFOLIA	BIG LEAF HYDRANGEA	24"-36"	CONT	
IG	18	ILEX GLABRA 'SHAMROCK'	INKBERRY HOLLY	24"-36"	CONT	
TOTAL: 99 CANOPY TREES, 20 UNDERSTORY TREES, 30 EVERGREEN TREES, 68 SHRUBS						



EVERGREEN TREE PLANTING DETAIL
NO SCALE
BMG NO.: L-02

GENERAL LANDSCAPE NOTES:

- QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN "AMERICAN STANDARDS FOR NURSERY STOCK".
EVERGREEN TREES SHALL HAVE A FULL, WELL-BRANCHED, CONICAL FORM TYPICAL OF THE SPECIES.
ALL DECIDUOUS SHADE TREES SHALL BRANCH A MINIMUM OF 7'-0" ABOVE GROUND LEVEL. TREES SHALL BE PLANTED AND STAKED IN ACCORDANCE WITH THE DETAIL SHOWN.
PLANT MATERIALS DELIVERED TO THE SITE IN UNCOVERED TRUCKS WILL BE REJECTED.
UNACCEPTABLE PLANT MATERIALS: MATERIALS WHICH HAVE DAMAGED OR CROOKED LEADERS, DEFORMED GROWTH HABIT, ABRASIONS OF THE BARK, SUN SCALD, WINDBURN, DISFIGURING NOT COMPLETELY CALLED USE WILL BE REJECTED. IN ADDITION, TREES HAVING THEIR CENTRAL LEADERS HEADED BACK WILL ALSO BE REJECTED. PLANTS WITH LOOSE OR CRACKED ROOT BALL OR CONTAINERS WILL BE REJECTED.
- ALL PLANTS SHALL BE PLANTED IN TOPSOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACKFILLING PROGRESSES. NOTHING BUT SUITABLE TOPSOIL, FREE OF DRY SOD, STIFF CLAY, LITTER, STONES IN EXCESS OF ONE (1) INCH DIAMETER, ETC. SHALL BE USED FOR PLANTING.
MULCH FOR PLANTING BEDS SHALL BE SHREDDED HARDWOOD BARK MULCH UNLESS OTHERWISE SPECIFIED ON THE PLANS AND SHALL HAVE NO LEAVES, YOUNG GREEN GROWTH, BRANCHES, TWIGS, GREATER IN DIAMETER OF 1/2", WEEDS, SHAVINGS OR FOREIGN MATERIAL SUCH AS STONES, ETC. SHALL BE MIXED WITH THE MULCH. ALL SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS WITH A LIGHTLY COMPACTED DEPTH OF THREE (3) INCHES. ALL CONTAINER PLANTS ARE TO HAVE ROOTS CUT ON FOUR SIDES AND/OR SPREAD OUT IN NEW SOIL MIXTURE.
- ALL AREAS NOT STABILIZED IN PAVING OR PLANT MATERIALS SHOULD BE SEEDED AND MULCHED. (SEE EROSION & SEDIMENT CONTROL PLAN AND NOTES.)
- LANDSCAPE BEDS NOT DEFINED BY CURBS, SIDEWALKS, WALLS OR OTHER STRUCTURES SHALL BE ENCLOSED BY ALUMINUM EDGING UNLESS OTHERWISE INDICATED.
- AREAS DISTURBED BY LANDSCAPE OPERATIONS SHALL BE GRADED TO MATCH EXISTING TOPSOIL AND SEED OR SOD AS REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND MAY MAKE MINOR ADJUSTMENTS IN SPACING AND/OR LOCATION OF PLANT MATERIALS. CONTRACTOR TO VERIFY "AS BUILT" LOCATION OF ALL UTILITIES.
- NO PLANT, EXCEPT GROUNDCOVERS, SHALL BE WITHIN THREE (3) FEET FROM SIDEWALKS.
- NO TREE SHALL BE PLANTED CLOSER THAN TEN (10) FEET FROM ANY STRUCTURE OR BUILDING.
- NO TREE SHALL BE PLANTED WITHIN TEN (10) FEET OF UNDERGROUND UTILITIES OR FIRE HYDRANTS.
- ONLY TREES THAT REACH A HEIGHT AND SIZE AT MATURITY OF SMALL TO MEDIUM SHALL BE PLANTED UNDER POWER LINES.
- THE CONTRACTOR SHALL WATER ALL PLANTS THOROUGHLY TWICE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING, AND THEN WEEKLY OR MORE OFTEN, IF NECESSARY, DURING THE FIRST GROWING SEASON, UNLESS THE OWNER AGREES TO MAINTAIN AND WATER THEM.
- TREES TO REMAIN ON-SITE SHALL BE PROTECTED WITH SNOW FENCE DURING CONSTRUCTION (SEE DETAIL). SNOW FENCING TO BE MAINTAINED DURING CONSTRUCTION BY CONTRACTOR.
- THE PLANTING PLAN SHALL TAKE PRECEDENCE OVER THE PLANT SCHEDULE SHOULD ANY PLANT QUANTITY DISCREPANCIES OCCUR.
- NO SUBSTITUTIONS SHALL BE MADE WITHOUT APPROVAL OF THE OWNER AND/OR THE LANDSCAPE ARCHITECT.
- ALL NEW TREES SHALL BE GUARANTEED TO SURVIVE FOR ONE FULL YEAR AFTER INSTALLATION (FULL COST). ALL STAKES AND GUYS SHALL BE REMOVED FROM TREES AND SITE AS EARLY AS THREE (3) MONTHS, BUT NO LONGER THAN ONE (1) YEAR AFTER PLANTING.

BUFFERYARD & LANDSCAPE REQUIREMENTS

- STREET TREE PLANTING (SECTION 24.20.070-2):
"ALL DEVELOPMENT PROPOSALS SHALL BE REQUIRED TO PLANT STREET SHADE TREES ALONG ALL PROPOSED STREETS IN THE TOWN. THE PROVISIONS SHALL APPLY FOR BOTH RESIDENTIAL AND NON-RESIDENTIAL DEVELOPMENT. STREET SHADE TREES SHALL BE PLANTED AT A MAXIMUM SPACING OF 40 FEET ON CENTER AND SHALL BE A MINIMUM CALIPER OF 3 1/2 INCHES"
- SCENIC CORRIDOR (SECTION 24.20.070-4):
"MAJOR SUBDIVISIONS AND LAND DEVELOPMENT PLANS SHALL BE REQUIRED TO PROVIDE A SCENIC CORRIDOR ALONG ALL ARTERIAL AND COLLECTOR ROADS, AND ALONG ROADS DESIGNATED AS SCENIC. SCENIC CORRIDORS SHALL BE COMPRISED OF OPEN SPACE AND SHALL MEET THE FOLLOWING CRITERIA: 50' SHALL HAVE EXISTING FOREST PRESERVED".
PLANT UNITS REQUIRED:
222.66 LF - 60 LF (R.O.W.) = 162.66 LF
144.29 LF BUFFER WIDTH + 6 PLANT UNITS PER 100 LINEAR FEET
162.66 LF / 100 LF = 1.62 BUFFER UNITS X 6 PLANT UNITS = 9.72 PLANT UNITS REQUIRED
TYPE 3 PLANT UNITS PROVIDED:
20 UNDERSTORY TREES, 30 EVERGREEN TREES, 68 SHRUBS

DELAWARE LANDSCAPE ARCHITECTS CERTIFICATION

I, CHAD D. CARTER, RLA, ASLA, HEREBY CERTIFY THAT I AM A LANDSCAPE ARCHITECT IN THE STATE OF DELAWARE, THAT THE LANDSCAPING INFORMATION SHOWN HEREON HAS BEEN PREPARED UNDER MY SUPERVISION AND TO MY BEST KNOWLEDGE AND BELIEF, REPRESENTS GOOD LANDSCAPING PRACTICES.

MARK	DATE	DESCRIPTION
LAYER STATE	L-01	

PROJECT NO.: 2024141.00
DATE: 09/17/2024
SCALE: 1" = 50'
DRAWN BY: A.J.D. / PROJ. MGR.: R.J.M.
SHEET
L-001
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PROJECT TITLE
TOWNSEND ACRES SUBDIVISION

SUMMIT BRIDGE ROAD
TOWN OF TOWNSEND
NEW CASTLE COUNTY, DE

SHEET TITLE
LANDSCAPE PLAN



MARK	DATE	DESCRIPTION
LAYER STATE	L-01	

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