

ZONING INFORMATION

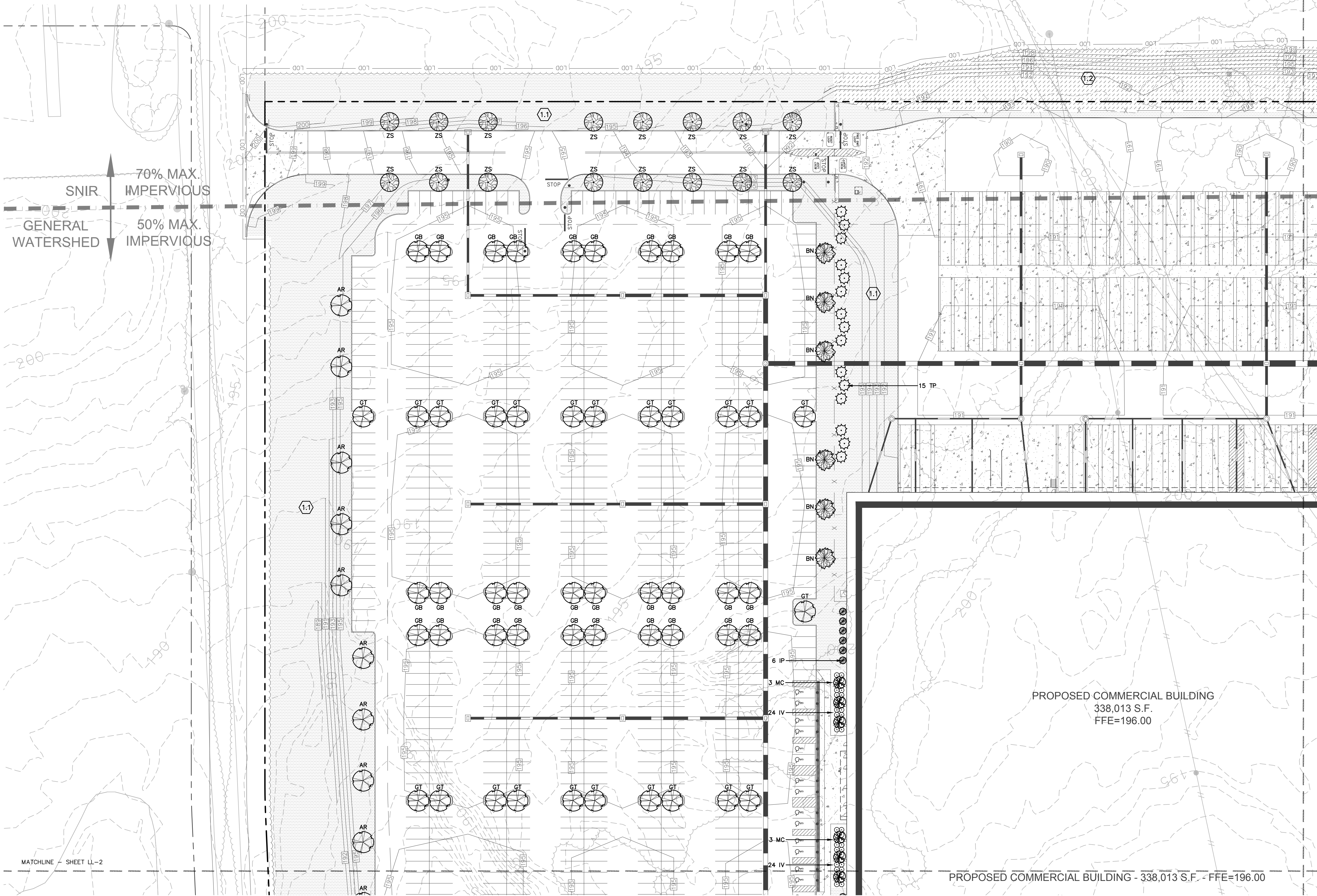
LOCATION: MONCURE, CHATHAM COUNTY, NORTH CAROLINA

ZONE: HEAVY INDUSTRIAL (IND-H)

ITEM #	ITEM	REQUIREMENTS	PROPOSED
1	LANDSCAPE BUFFER	ALONG PEA RIDGE RD = 60' WIDE / SCREEN 'A' SCREEN 'A' = EVERGREEN SCREENING INCLUDING TREES & SHRUBS	MIXED EVERGREEN & DECIDUOUS BUFFER PLANTINGS PROPOSED ALONG PEA RIDGE RD
2	PARKING AREA INTERIOR LANDSCAPING	PROVIDE TREES FOR SHADE OF AT LEAST 50% OF THE PAVED AREA	CANOPY TREES PROPOSED WITHIN INTERIOR LANDSCAPE ISLANDS

LANDSCAPE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF DISTURBANCE LINE AND CONTRACT LIMIT LINE
- PROVIDE AND INSTALL DECIDUOUS CANOPY TREE
- PROVIDE AND INSTALL EVERGREEN TREE
- PROVIDE AND INSTALL SHRUB
- PROVIDE AND INSTALL LAWN
- PROVIDE AND INSTALL SLOPE SEED MIX
- PROVIDE AND INSTALL WET SEED MIX

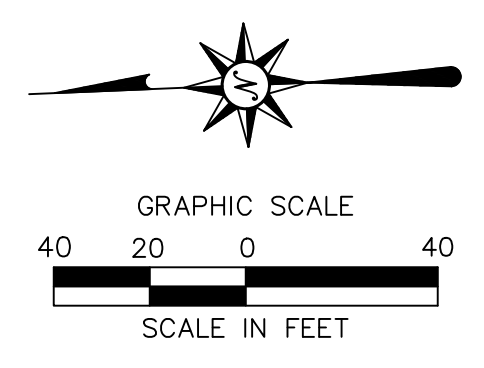


70% MAX. IMPERVIOUS
SNIR
50% MAX. IMPERVIOUS
GENERAL WATERSHED

PROPOSED COMMERCIAL BUILDING
338,013 S.F.
FFE=196.00

PROPOSED COMMERCIAL BUILDING - 338,013 S.F. - FFE=196.00

NOT FOR CONSTRUCTION
FOR PERMITTING PURPOSES ONLY



MATCHLINE - SHEET LL-2

MATCHLINE - SHEET LL-3

SEE SHEET LL-6 FOR
LANDSCAPE NOTES AND DETAILS



3420 Toringdon Way
Suite 210
Charlotte, NC 28277
(704) 565-7070
FIRM LICENSE NO. C-4082

PRELIMINARY
NOT FOR
CONSTRUCTION

PROPOSED COMMERCIAL DEVELOPMENT
ECO TIP WEST - LOT 1
338 PEA RIDGE ROAD
MONCURE, CHATHAM COUNTY, NORTH CAROLINA

REVISIONS

No.	Date	Desc.

Designed: W.E.V.
Drawn: W.E.V.
Reviewed: J.A.B.
Scale: 1"=40'
Project No.: 2101465
Date: 10/19/2021
CAD File: LL210146501

Title: **LANDSCAPE PLAN**

Sheet No.

LL-1

10/19/2021, CHATHAM, GA\2021\14210146501\210146501.DWG, LL-1, 24X36, 40C.

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LANDSCAPE PLANT SCHEDULE

DECIDUOUS TREES

KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	COMMENTS
AR	11	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	B&B	2.5"-3" CAL.	MIN. 6' BRANCH HT.
BN	8	BETULA NIGRA	RIVER BIRCH	B&B	8"-10" HT.	MULTI-STEM
CL	27	CELTIS LAEVGATA	SUGAR HACKBERRY	B&B	2.5"-3" CAL.	MIN. 6' BRANCH HT.
GB	40	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	B&B	2.5"-3" CAL.	MIN. 6' BRANCH HT.
GT	23	GLEDITSIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER'	SHADEMASTER THORNLESS HONEYLOCUST	B&B	2.5"-3" CAL.	MIN. 6' BRANCH HT.
QS	19	QUERCUS SHUMARDII	SHUMARD OAK	B&B	2.5"-3" CAL.	MIN. 6' BRANCH HT.
ZS	32	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	B&B	2.5"-3" CAL.	MIN. 6' BRANCH HT.

LANDSCAPE PLANT SCHEDULE

EVERGREEN TREES

JV	65	JUNIPERUS VIRGIANA	EASTERN REDCEDAR	B&B	6'-7" HT.
MG	34	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	B&B	6'-7" HT.
MC	55	MORELLA CERIFERA	SOUTHERN WAX MYRTLE	B&B	5'-6" HT.
TP	84	THUJA PLICATA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	B&B	6'-7" HT.

SHRUBS

IV	48	ILEX VOMITORIA	YAUPON HOLLY	CONT.	30"-36" HT.	5' O.C. SPACING
IP	9	ILLICIUM PARIFLORUM	HARDY ANISE SHRUB	CONT.	30"-36" HT.	5' O.C. SPACING

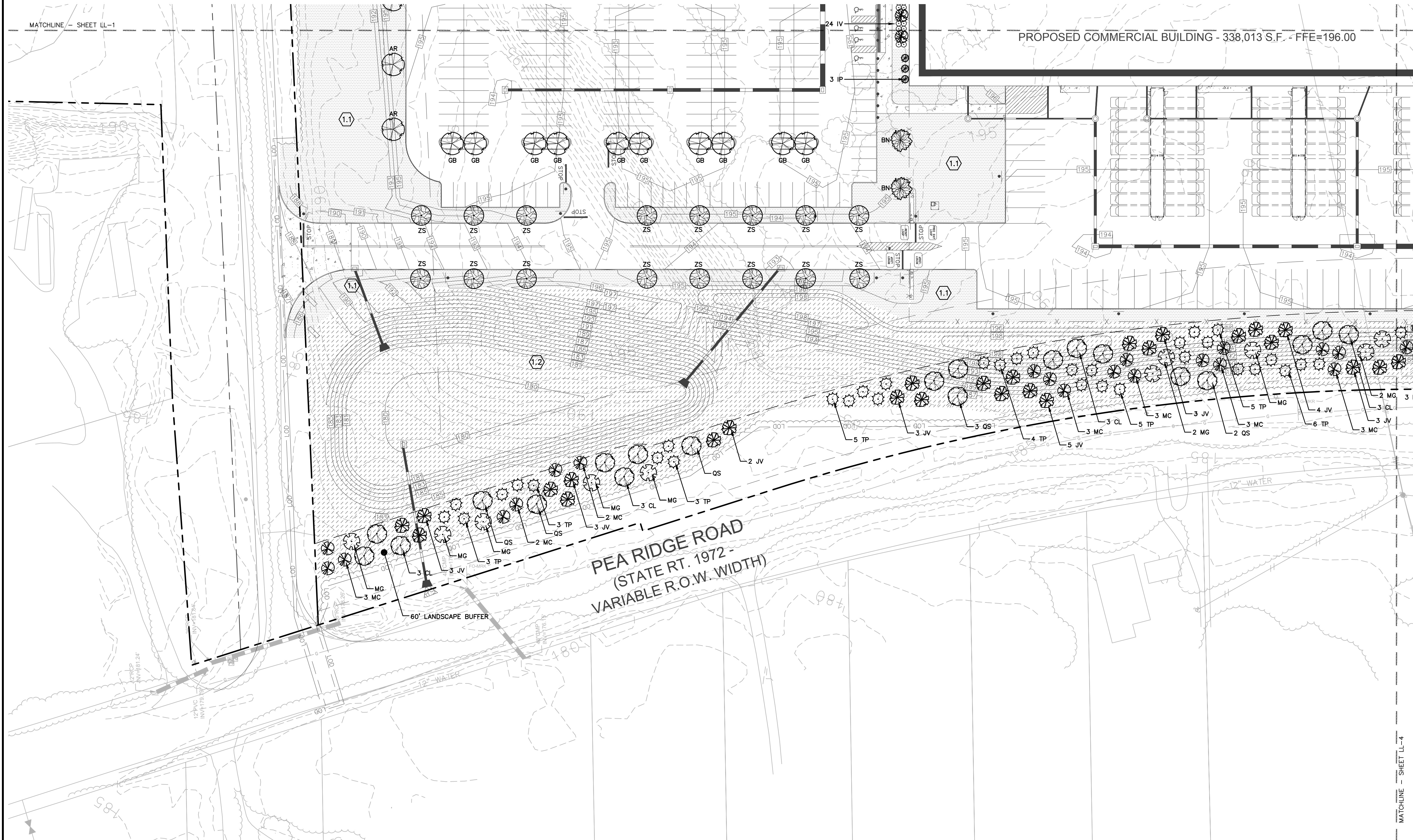
TURF

		ZOYSIA SPP.	ZOYSIA	SOD/SEED	
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- NOTES:
 1) ALL SUBSTITUTIONS MUST RECEIVE APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO SITE.
 2) PROVIDE AND INSTALL ALL PLANTS SHOWN ON THE PLANTING PLAN DRAWINGS; THE QUANTITIES IN THE PLANT LIST ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. IF DISCREPANCIES OCCUR, THE LARGER QUANTITY SHALL APPLY.
 3) IF THERE IS A DISCREPANCY BETWEEN BOTANICAL AND COMMON NAME, BOTANICAL NAME PREVAILS.

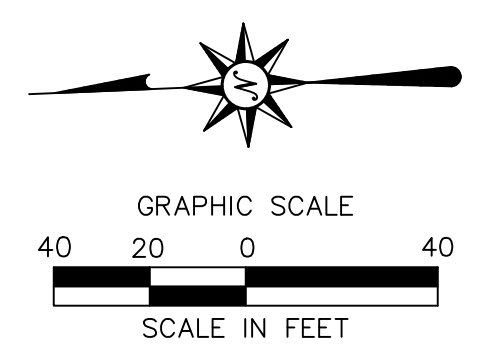
LANDSCAPE PLAN LEGEND

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- PROVIDE AND INSTALL DECIDUOUS CANOPY TREE
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- PROVIDE AND INSTALL LAWN
- PROVIDE AND INSTALL SLOPE SEED MIX
- PROVIDE AND INSTALL WET SEED MIX



SEE SHEET LL-6 FOR LANDSCAPE NOTES AND DETAILS

NOT FOR CONSTRUCTION FOR PERMITTING PURPOSES ONLY



PRELIMINARY
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No.	Date	Reviewed	J.A.B.
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		Project No.	2101465
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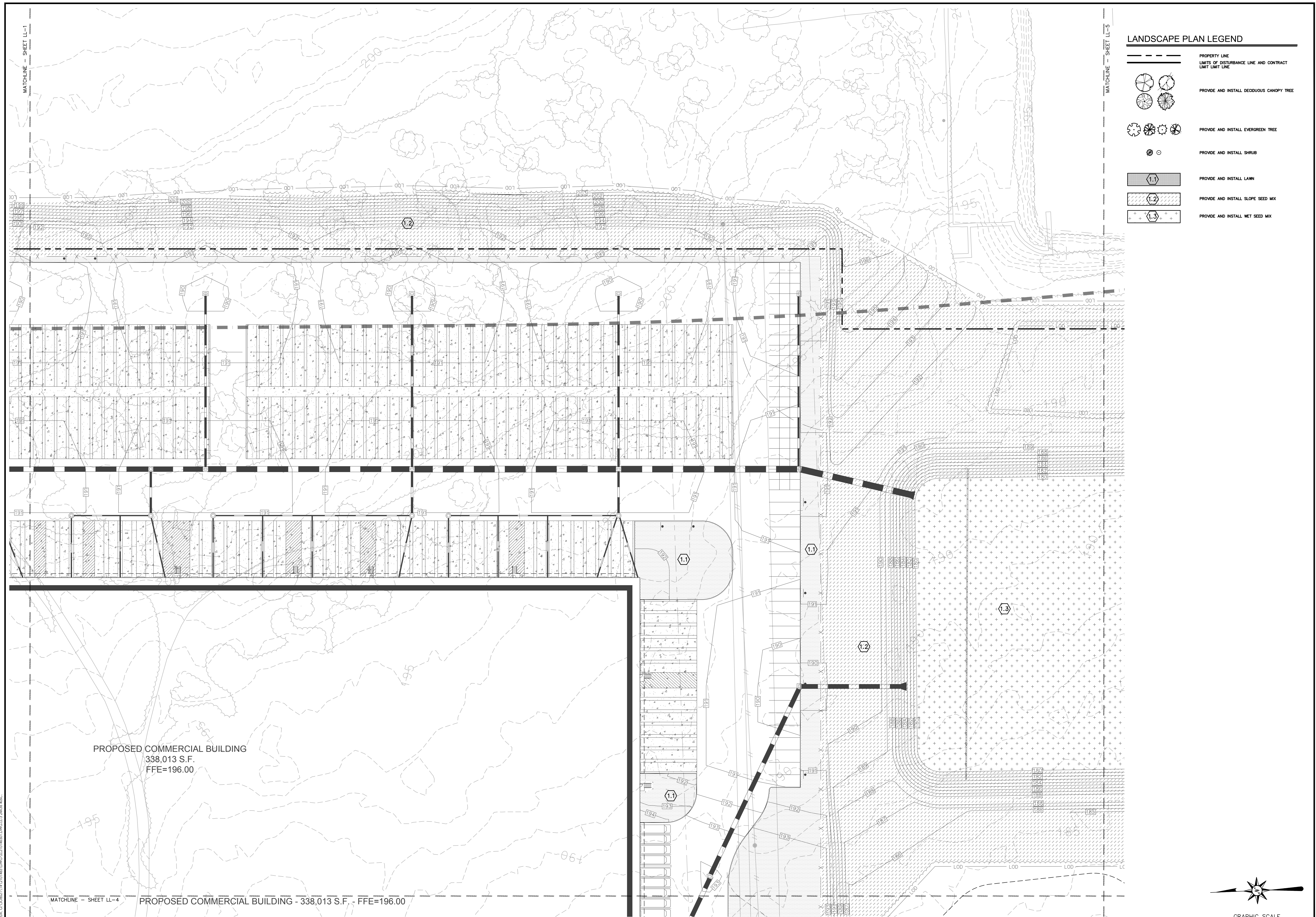
Title
LANDSCAPE PLAN

Sheet No.

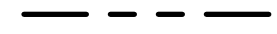
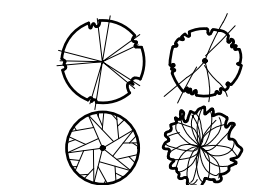




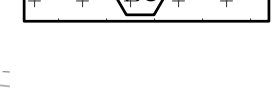
LL-2

10/19/2021, CHATHAM, GA, 34821, 14210146501, DWG, LL2, 240x34, 40C.

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LANDSCAPE PLAN LEGEND

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 LIMITS OF DISTURBANCE LINE AND CONTRACT LIMIT LINE
- 
 PROVIDE AND INSTALL DECIDUOUS CANOPY TREE
- 
 PROVIDE AND INSTALL EVERGREEN TREE
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 PROVIDE AND INSTALL SHRUB
- 
 PROVIDE AND INSTALL LAWN
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 PROVIDE AND INSTALL SLOPE SEED MIX
- 
 PROVIDE AND INSTALL WET SEED MIX

PRELIMINARY
NOT FOR
CONSTRUCTION

**PROPOSED COMMERCIAL DEVELOPMENT
ECO TIP WEST - LOT 1**
338 PEA RIDGE ROAD
MONCURE, CHATHAM COUNTY, NORTH CAROLINA

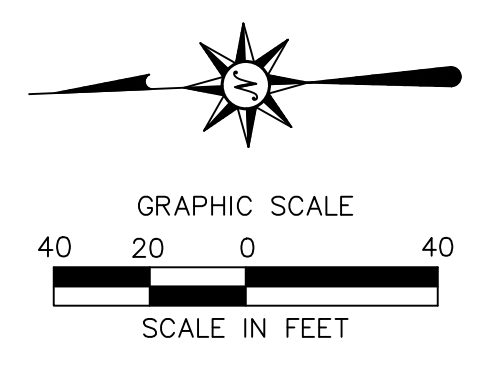
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Title: **LANDSCAPE PLAN**

Sheet No.

LL-3



**SEE SHEET LL-6 FOR
LANDSCAPE NOTES AND DETAILS**







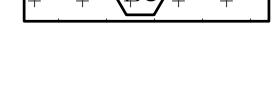
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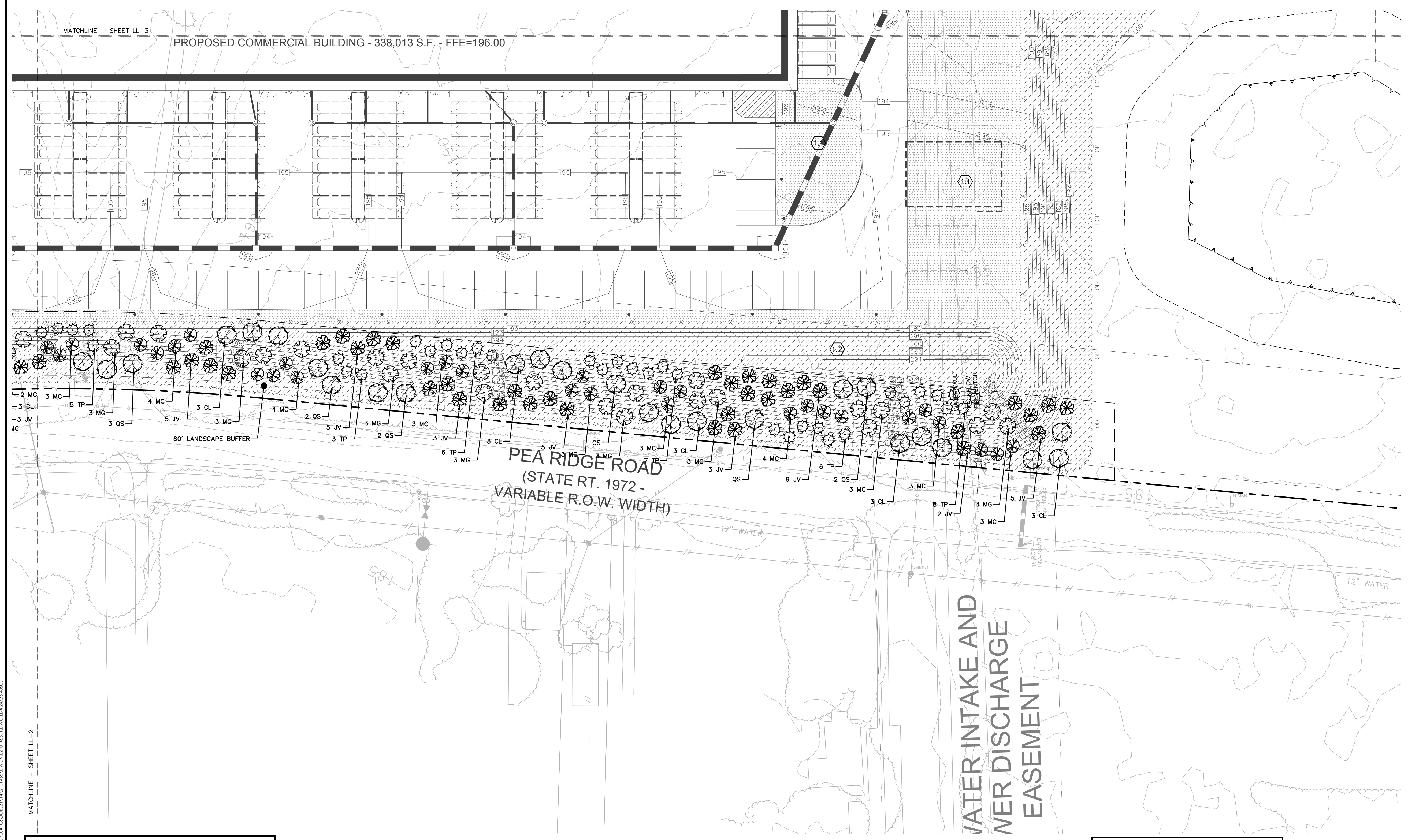
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**PROPOSED COMMERCIAL DEVELOPMENT
ECO TIP WEST - LOT 1**
338 PEA RIDGE ROAD
MONCURE, CHATHAM COUNTY, NORTH CAROLINA

LANDSCAPE PLAN LEGEND

- 
 PROPERTY LINE
 LIMITS OF DISTURBANCE LINE AND CONTRACT
 LIMIT LIMIT LINE
- 
 PROVIDE AND INSTALL DECIDUOUS CANOPY TREE
- 
 PROVIDE AND INSTALL EVERGREEN TREE
- 
 PROVIDE AND INSTALL SHRUB
- 
 PROVIDE AND INSTALL LAWN
- 
 PROVIDE AND INSTALL SLOPE SEED MIX
- 
 PROVIDE AND INSTALL WET SEED MIX



MATCHLINE - SHEET LL-3
PROPOSED COMMERCIAL BUILDING - 338,013 S.F. - FFE=196.00

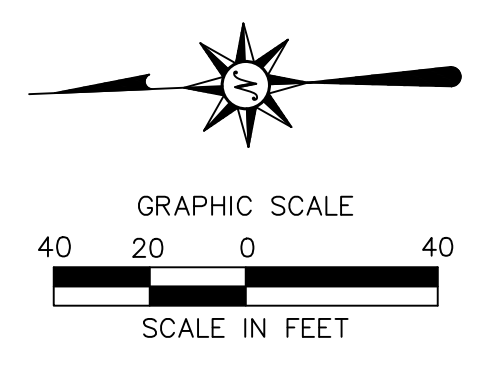
PEA RIDGE ROAD
(STATE RT. 1972 -
VARIABLE R.O.W. WIDTH)

WATER INTAKE AND
WATER DISCHARGE
EASEMENT

MATCHLINE - SHEET LL-2

**SEE SHEET LL-6 FOR
LANDSCAPE NOTES AND DETAILS**

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Title
**LANDSCAPE
PLAN**

Sheet No.

LL-4

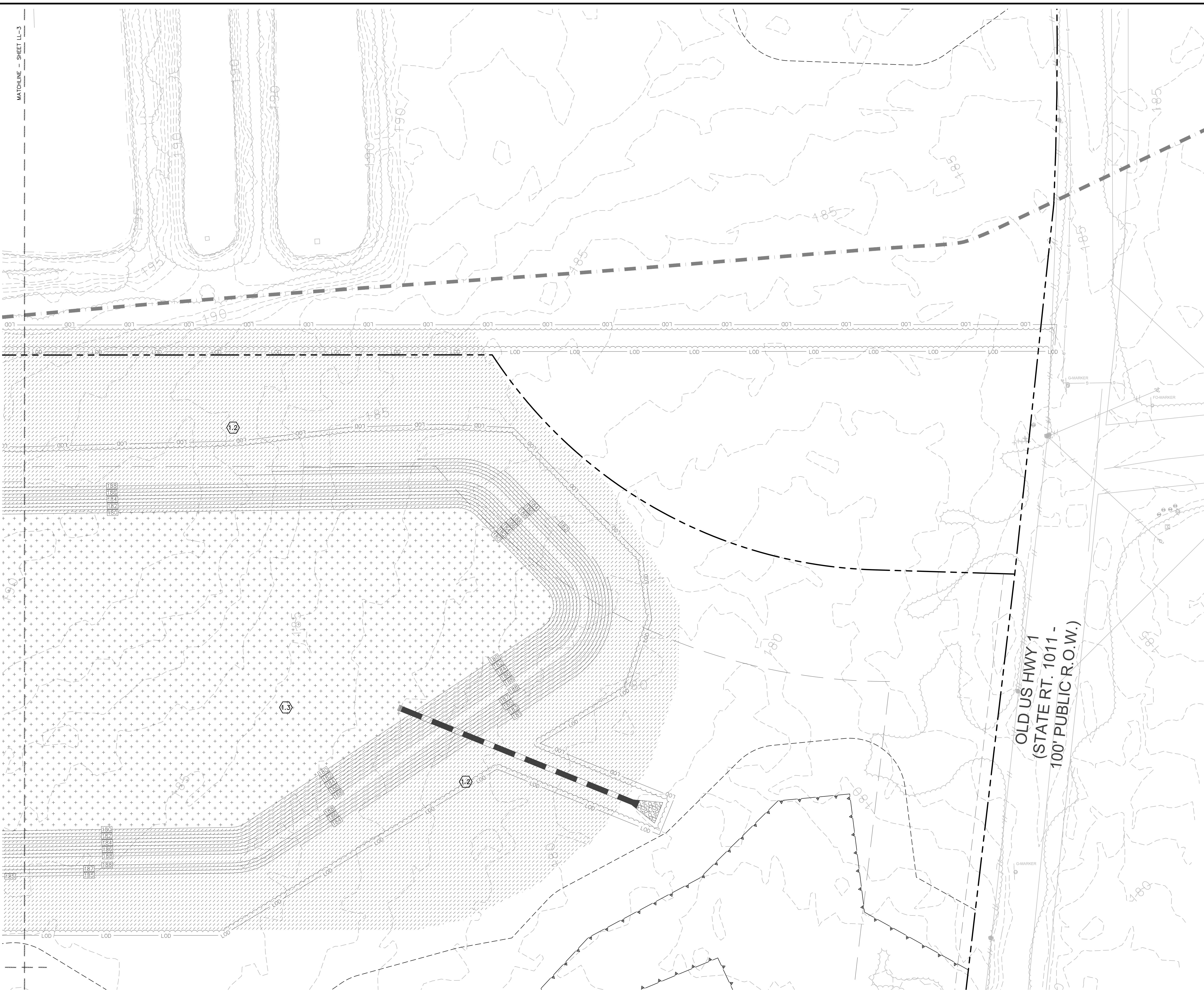
10/19/2021, CHATHAM, GA, 33821, 1432101465, DWG, LL210146501, DWG, LL4, 240x34, 40C.

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MATCHLINE - SHEET LL-3

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SEE SHEET LL-6 FOR LANDSCAPE NOTES AND DETAILS

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3420 Toringdon Way
Suite 210
Charlotte, NC 28277
(704) 565-7070
FIRM LICENSE NO. C-4082

PRELIMINARY NOT FOR CONSTRUCTION

**PROPOSED COMMERCIAL DEVELOPMENT
ECO TIP WEST - LOT 1**
338 PEA RIDGE ROAD
MONCURE, CHATHAM COUNTY, NORTH CAROLINA

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No.		

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Title: LANDSCAPE PLAN

Sheet No.

LL-5

10/19/2021, CHATHAM, GA\030821\142101465\DWG\LL210146501.DWG,LL5 24X36,40C.

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LANDSCAPE NOTES

- THE LANDSCAPE PLAN AND DETAIL SHEET ARE FOR LANDSCAPING INFORMATION ONLY. REFER TO THE OTHER PLANS FOR ALL OTHER INFORMATION.
- COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
- THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO UTILITY LOCATIONS AND SITE CONDITIONS. THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL PLANTS FOR THE REVIEW, ADJUSTMENT, AND APPROVAL BY OWNER OR LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- THE CONTRACTOR SHALL GUARANTEE THAT ALL PLANTS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF ONE YEAR OR JUNE 1ST OF THE YEAR FOLLOWING INSTALLATION, WHICHEVER IS LONGER, AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY OWNER OR LANDSCAPE ARCHITECT. CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. PLANT MATERIAL REPLACEMENTS SHALL BE GUARANTEED FOR ONE FULL YEAR FROM DATE OF REPLACEMENT. REPLACEMENT PLANTS SHALL BE THE SAME AS SPECIFIED FOR THE ORIGINAL PLANTING. REPLACEMENTS SHALL BE MADE AS MANY TIMES AS NECESSARY TO ENSURE HEALTHY PLANTS. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE, INCLUDING CULTIVATING, SPRAYING, WEEDING, WATERING, TIGHTENING GUYS, PRUNING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN PLANT VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL THE END OF THE GUARANTEE PERIOD. DURING THE LANDSCAPE MAINTENANCE PERIOD (GUARANTEE) THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF ANY SITE CONSTRAINTS (PHYSICAL, ENVIRONMENT, ETC.) OR MAINTENANCE DEFICIENCIES THAT MAY AFFECT LANDSCAPE VEGETATION ESTABLISHMENT.
- THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT SCHEDULE. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL PLANTS SHALL BE ACCLIMATED BY THE SUPPLY NURSERY TO THE LOCAL HARDNESS ZONE AND BE CERTIFIED THAT THE PLANTING MATERIAL HAS BEEN GROWN FOR A MINIMUM OF TWO YEARS AT THE SOURCE AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER OR LANDSCAPE ARCHITECT.
- PLANTS SHALL HAVE TAGS THAT IDENTIFY PLANT GENUS, SPECIES, CULTIVAR (IF APPLICABLE), PLANT COMMON NAME, NAME OF SOURCE NURSERY, AND SIZE OF PLANT FOR REVIEW OF OWNER OR LANDSCAPE ARCHITECT.
- NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER OR LANDSCAPE ARCHITECT.
- FINAL GRADES SHALL BLEND SMOOTHLY WITH EXISTING GRADES, AND TOP AND BOTTOM OF SLOPES SHALL BE ROUNDED.
- ALL TREE AND SHRUB MASSINGS SHALL BE MULCHED TO A DEPTH OF 3". ANNUAL AND PERENNIAL BEDS SHALL BE MULCHED TO A DEPTH OF 2". MULCH SHALL BE UNCOLORED TRIPLE-SHREDDED HARDWOOD BARK MULCH, AGED AT LEAST 6 MONTHS.
- IF TREE STAKING IS PROPOSED, TREE STAKING MUST BE COMPLETED THE SAME DAY AS THE TREE IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED PER DETAIL.
- LANDSCAPE PLANTING AREAS MUST BE FREE DRAINING, PAVEMENT, COMPACTED SUBGRADE, DEAD OR DYING PLANT MATERIAL, BLASTED ROCK, STONES GREATER THAN 1" IN DIAMETER, AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH AND DEVELOPMENT SHALL BE REMOVED FROM AREAS TO BE LANDSCAPED AS REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS.
- PLANTING SOIL:

DEPTH: PLANTING SOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4" OR AS NOTED IN THE LANDSCAPE DETAILS. PLANTING SOIL SHALL BE UTILIZED IN ALL PLANTING AREAS INCLUDING SEEDED AREAS.

TESTING: CONTRACTOR SHALL SUBMIT (2) SOIL SAMPLES PER SOIL STOCKPILE TO A CERTIFIED TESTING LABORATORY TO DETERMINE ACIDITY, ORGANIC CONTENT, MECHANICAL ANALYSIS, AVAILABLE NUTRIENTS (N,P,K,Ca,Mg,S,Fe,Mn,Zn,Cu,B,Al,Pb) AND NECESSARY AMENDMENTS TO SOIL. THE CONTRACTOR SHALL SUBMIT THE TEST RESULTS TO THE OWNER OR LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. TEST RESULTS SHALL RECOMMEND AMENDMENTS THAT WILL ALTER THE SOIL CHARACTERISTICS SUCH THAT THE CHARACTERISTICS DESCRIBED BELOW ARE ACHIEVED AND THE SPECIFIED PLANTS (CONTRACTOR TO PROVIDE LIST TO TESTING LABORATORY) WILL ACHIEVE PROPER GROWTH THAT IS NEITHER DEFICIENT NOR EXCESSIVE. THE CONTRACTOR SHALL INCORPORATE THESE AMENDMENTS AT NO INCREASE IN CONTRACT PRICE.

CHARACTERISTICS: PLANTING SOIL MAY CONSIST OF EXISTING ON-SITE SOILS, AMENDED ON-SITE SOILS, OR IMPORTED SOILS MEETING THE FOLLOWING CRITERIA:

 - NOT TO CONTAIN MATERIALS HARMFUL TO PLANT LIFE, TO BE CLEAN, FERTILE, FRIABLE, AND WELL DRAINING. ALL PLANTING SOIL SHALL BE FREE OF ANY SUBSOIL EARTH CLODS, SODS, STONES OVER 1" IN ANY DIMENSION, STICKS, ROOTS, WEEDS, LITTER AND OTHER DELETERIOUS MATERIAL. PLANTING SOIL SHALL BE UNIFORM IN QUALITY AND TEXTURE.
 - PLANTING SOIL SHALL HAVE THE FOLLOWING OPTIMUM RANGES UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.

ORGANIC CONTENT	3% - 6% FOR LAWN OR GRASS AREAS. 4% - 8% FOR TREE AND SHRUB PLANTERS. 5%-10% FOR RETENTION OR DETENTION BASINS. (BY LOSS OF IGNITION AT 375 C METHOD OF TESTING)
PH	6.0 - 7.3
 - NUTRIENT LEVELS SHALL BE ACHIEVED BY THE CONTRACTOR'S ADDITION OF AMENDMENTS TO THE PLANTING SOIL TO MEET THE OPTIMUM NUTRIENT LEVELS SPECIFIED IN THE TESTING LABORATORY REPORT FOR EACH OF PLANTS TO BE INSTALLED.
 - SOIL SHALL BE COMPACTED TO A SURFACE PENETRATION RESISTANCE OF 75-125 LBS/SQ.IN.
 - SOIL MAY BE TREATED FOR WEEDS WITH PRE-EMERGENT OR POST-EMERGENT HERBICIDES, AS NEEDED AND AS APPROPRIATE FOR THE APPLICATION SEASON OR LOCATION, AND TO ELIMINATE GROWTH OF UNWANTED PLANT MATERIAL. APPLY HERBICIDES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. HERBICIDE APPLICATOR MUST BE LICENSED IN THE STATE OF NORTH CAROLINA, AND PERFORM APPLICATIONS IN ACCORDANCE WITH LOCAL REQUIREMENTS, PERMITTING STIPULATIONS, AND ANY OTHER RESTRICTIONS INCLUDING AND IN EXCESS OF STATE AND FEDERAL REGULATIONS.
 - PROPOSED TOPSOIL SHALL MEET THE USDA SOILS TEXTURAL PERCENTAGES OF SAND, SILT, AND CLAY FOR FOLLOWING CLASSIFICATIONS:

LOAM	- SANDY LOAM WHERE SAND DOES NOT EXCEED 70% AND CLAY IS NOT LESS THAN 5%.
	- SANDY CLAY LOAM WHERE SAND DOES NOT EXCEED 70% AND CLAY IS LESS THAN 28%.
 - BIORETENTION SOILS: SOIL TO BE INSTALLED IN RETENTION BASINS, PONDS, OR OTHER STORMWATER MANAGEMENT ENVIRONS SHALL MEET THE ABOVE DESCRIBED CHARACTERISTICS AND AS FOLLOWS:
 - SOIL SHALL BE 75-80% COURSE, CLEAN SAND AND 8-10% FINES (CLAY AND SILT) AND ORGANIC MATTER AS STATED UNDER ORGANIC CONTENT ABOVE.
 - SOIL SHALL HAVE AN INFILTRATION RATE BETWEEN 1/2" AND 3" PER HOUR.
 - MODIFICATION TO THE PLANTING SOIL CHARACTERISTICS DESCRIBED ABOVE MAY BE SUBMITTED FOR APPROVAL BY THE LANDSCAPE ARCHITECT. CONTRACTOR MUST DEMONSTRATE PROPOSED CHARACTERISTICS ARE EQUAL TO OR SUPERIOR TO THE SPECIFIED CHARACTERISTICS WITH RESPECT TO SUPPORTING PLANT GROWTH, AND STORMWATER MANAGEMENT.
- PLANTING AMENDMENTS:

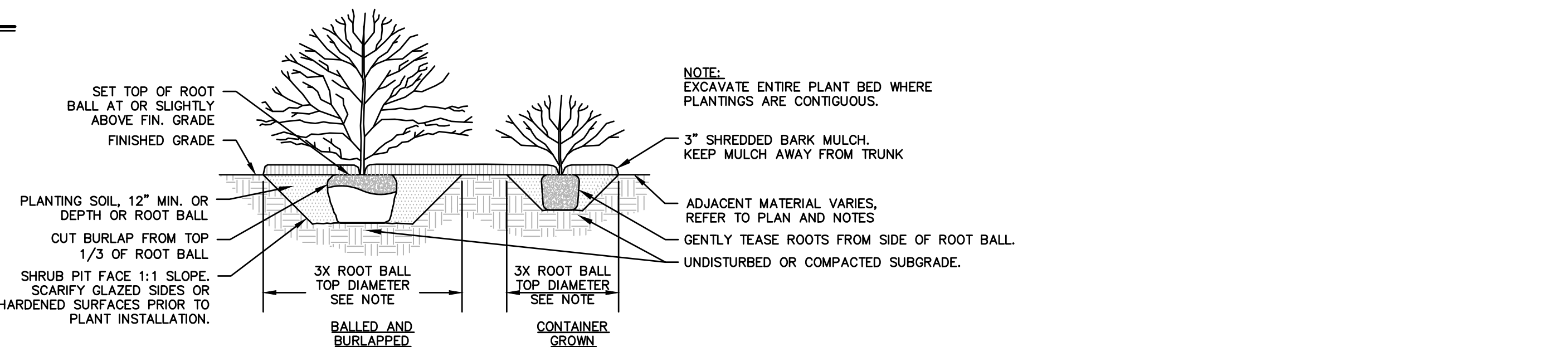
APPLY FERTILIZER AND OTHER AMENDMENTS AS RECOMMENDED FOR EACH PLANTING AREA BY SOIL ANALYSIS. APPLY AMENDMENTS IN A MANNER CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS. ANY ORGANIC AMENDMENTS SHALL HAVE A PH BETWEEN 4.5 AND 5.5 UNLESS OTHERWISE RECOMMENDED.
- PLANT REQUIREMENTS: ALL PLANTS SHALL CONFORM IN SIZE AND GRADE TO THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 (LATEST EDITION). ALL PLANTS SHALL MEET THE ADDITIONAL REQUIREMENTS SET FORTH BELOW AND IN WRITTEN SPECIFICATIONS AS APPLICABLE. ALL TREES AND SHRUBS SHALL HAVE BEEN GROWN AT A COMMERCIAL NURSERY WITHIN 200 MILES OF THE PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER OR LANDSCAPE ARCHITECT. THEY SHALL BE TYPICAL SPECIES OR VARIETY. THEY SHALL BE HEALTHY, SYMMETRICAL, EVENLY AND DENSELY BRANCHED, AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL BE FREE OF BARK INJURY, DISEASE, AND INSECT PESTS. ALL TREES SHALL HAVE A STRAIGHT TRUNK WITH A SINGLE MAIN LEADER UNLESS OTHERWISE CHARACTERISTIC OF THE SPECIES OR VARIETY. THE OWNER OR LANDSCAPE ARCHITECT WILL ALLOW SUBSTITUTIONS ONLY UPON WRITTEN APPROVAL. SIZES SHALL CONFORM TO THE MEASUREMENT SPECIFIED ON THE DRAWINGS. PLANTS LARGER THAN SPECIFIED MAY BE USED IF APPROVED, BUT THE USE OF SUCH PLANTS SHALL NOT INCREASE THE CONTRACT PRICE. ALL OVERSTORY TREES PLANTED ALONG PARKING AREAS, SIDEWALKS AND PEDESTRIAN ACCESSES SHALL NOT BRANCH BELOW 7' FEET IF THE TREE CALIPER IS 3" INCHES OR GREATER. ALL PLANT MATERIALS ARE SUBJECT TO INSPECTION AND ACCEPTANCE BY THE OWNER OR LANDSCAPE ARCHITECT AT THE NURSERY SOURCE. THE CONTRACTOR SHALL COORDINATE SOURCE VISITS WITH THE LANDSCAPE ARCHITECT AND SHALL ACCOMPANY THE OWNER AND/OR LANDSCAPE ARCHITECT FOR ALL INSPECTIONS. CERTIFICATES OF COMPLIANCE WITH SPECIFICATIONS ARE REQUIRED FOR ALL PLANTS.
- INSPECTION AND REVIEW:
 - ALL PLANT MATERIAL SHALL BE SUBJECT TO INSPECTION AND ACCEPTANCE BY THE OWNER OR LANDSCAPE ARCHITECT AT THE NURSERY SOURCE OR PLACE OF GROWTH. THE CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPE ARCHITECT ON A SCHEDULE FOR SOURCE VISITS AND ACCOMPANY THE OWNER OR LANDSCAPE ARCHITECT FOR ALL SOURCE INSPECTIONS. CERTIFICATES OF COMPLIANCE ARE REQUIRED FOR ALL PLANT MATERIALS. PHOTOGRAPHIC REVIEW OF PLANT MATERIAL IS ACCEPTABLE IF APPROVED BY LANDSCAPE ARCHITECT. PHOTOGRAPHS MUST BE PROVIDED IN QUANTITY AND VARIETY TO ALLOW LANDSCAPE ARCHITECT SUFFICIENT INFORMATION TO MAKE A REASONABLE DETERMINATION AS TO THE PLANTS' QUALITY. OWNER AND LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT PLANT MATERIAL DELIVERED TO THE SITE BUT PREVIOUSLY ACCEPTED IF DAMAGED OR NOT PROPERLY MAINTAINED DURING THE DELIVERY PROCESS.
 - INSTALLED LANDSCAPING TO BE INSPECTED BY CITY OF ASHEVILLE PRIOR TO RECEIVING CERTIFICATE OF COMPLIANCE.
- PLANTING SEASONS (UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT)

EVERGREEN TREES AND SHRUBS	SPRING	FALL
DECIDUOUS TREES AND SHRUBS	APRIL 1 TO JUNE 15	SEPTEMBER 1 TO OCTOBER 15
GROUNDCOVERS	APRIL 1 TO JUNE 15	SEPTEMBER 15 TO NOVEMBER 15
PERENNIALS	APRIL 1 TO JUNE 15	SEPTEMBER 1 TO OCTOBER 15
SEED MIXES	MAY 15 TO JUNE 15	PER MANUFACTURER'S RECOMMENDATIONS OR AS LISTED IN SEED MIX NOTES
- SEEDING MIXTURES: REFER TO SEED MIX NOTES. SEEDED AREA SHALL BE ACCEPTED WHEN SEED AREA ACHIEVES 90% COVERAGE.
- ALL SLOPES STEEPER THAN 3:1 RECEIVING A SEED MIX SHALL BE COVERED WITH AN EROSION CONTROL BLANKET OF STRAW FIBER AND BIODEGRADABLE OR PHOTODEGRADABLE NETTING.
- UNLESS OTHERWISE NOTED IN DRAWING SET, NEW TREELINES SHALL EQUAL CLEARING AND GRUBBING LIMIT FOR CONSTRUCTION.
- ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED SHALL BE SEEDED WITH THE LAWN SEED MIX.
- ALL SHADE TREE, BUFFER YARD AND OTHER LANDSCAPING REQUIRED BY LOCAL ORDINANCE OR ZONING SHALL BE PERPETUALLY MAINTAINED BY THE PROPERTY OWNER. ANY LANDSCAPING NEEDED TO MEET AN ORDINANCE OR ZONING REQUIREMENT THAT DIES, IS REMOVED, OR IS SEVERELY DAMAGED SHALL BE REPLACED BY THE CURRENT PROPERTY OWNER AS SOON AS IS PRACTICAL CONSIDERING GROWING SEASONS, WITH A MAXIMUM OF 150 DAYS.

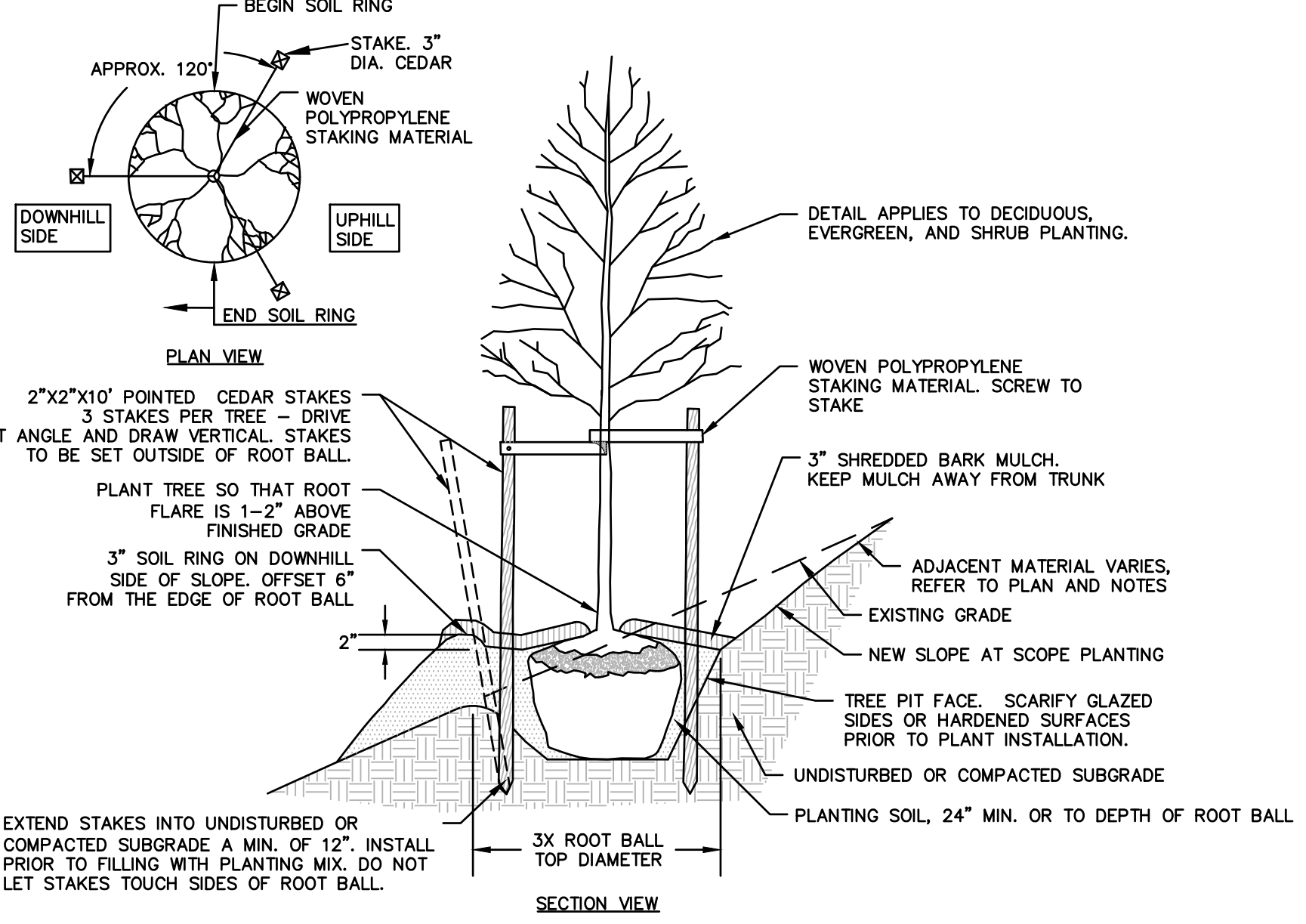
SEED MIX NOTES

- WET SEED MIX -
ERNM-183 - NATIVE DETENTION AREA MIX
ERNST SEEDS OR APPROVED EQUAL
- SPECIES: SWITCHGRASS (PANICUM VIRGATUM), DEERTONGUE (PANICUM CLANDESTINUM), FOX SEDGE (CAREX VULPINOIDEA), VIRGINIA WILDREY (ELYMUS VIRGINICUS), AUTUMN BENTGRASS (AGROSTIS PERENNANS), SOFT RUSH (JUNCUS EFFUSUS), REDTOP PANICGRASS (PANICUM RIGIDULUM).
- APPLICATION RATE: 20 LBS/ACRE: 2000 SF/LB
SEEDING DATES: AUGUST 15 - OCTOBER 1 AND APRIL 15 - JUNE 30
UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.
- SLOPE SEED MIX -
NO STEEP SLOPE MIX
ERNST SEEDS OR APPROVED EQUAL
- SPECIES:
ELYMUS VIRGINICUS, (VIRGINIA WILDREY)
SORGHASTRUM NUTANS, 'RUMSEY' (INDIANGRASS, 'RUMSEY')
TRIDENS FLAVUS (PURPLETOP),
PANICUM CLANDESTINUM TIOGA (DEERTONGUE, TIOGA)
PANICUM VIRGATUM 'CARTHAGE' (SWITCHGRASS, 'CARTHAGE')
SCHIZACHYRIUM SCOPARIUM, 'BLAZE' (LITTLE BLUESTEM, 'BLAZE')
CHAMAECRISTA FASCICULATA (PARTRIDGE PEA)
COREOPSIS LANCEOLATA (LANCELEAF COREOPSIS)
RUDBECKIA HIRTA (BLACKEYED SUSAN)
BIDENS ARISTOSA (SHOWY TICKSEED SUNFLOWER - BUR MARIIGOLD)
MONARDA PUNCTATA, (SPOTTED BEEBAM)
TRADESCANTIA OHIENSIS, (OHIO SPIDERWORT)

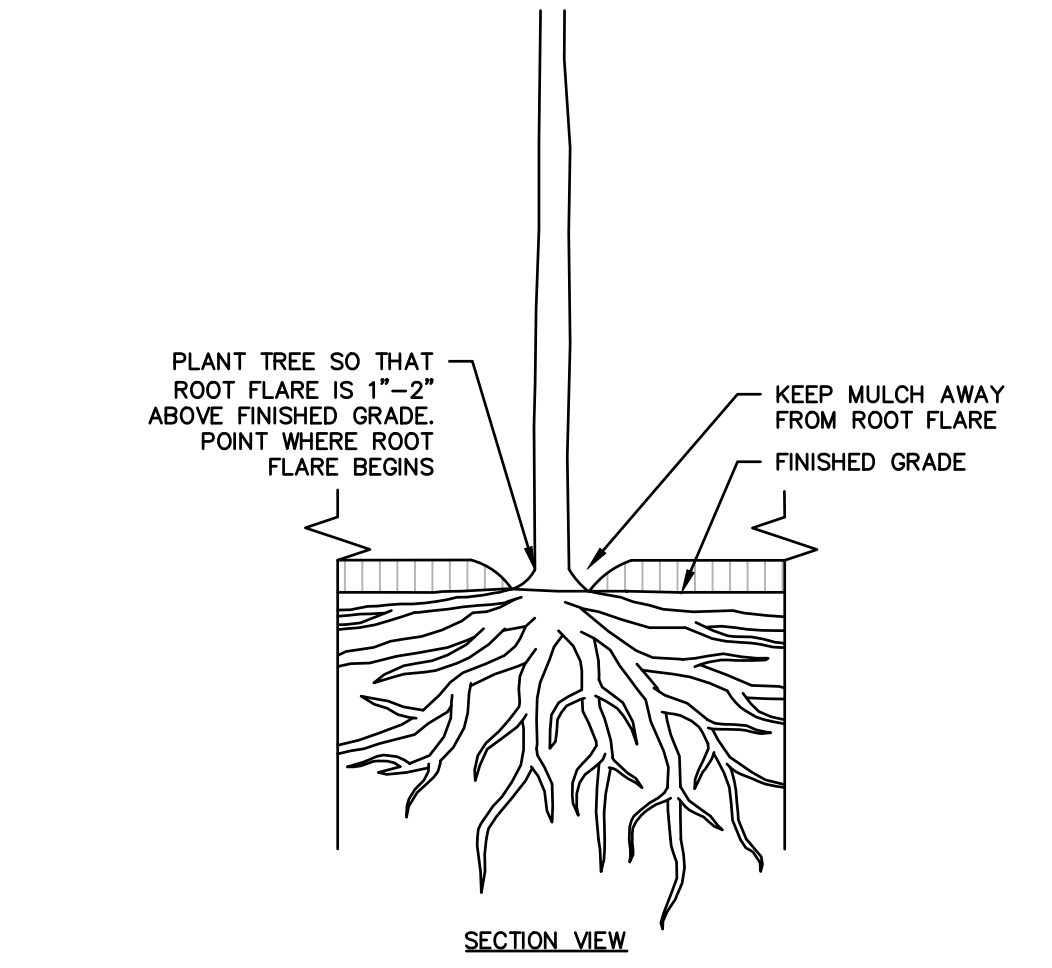
APPLICATION RATE: 45 LBS/ACRE
SEEDING DATES: AUGUST 15 - OCTOBER 1 AND APRIL 15 - JUNE 30
UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.



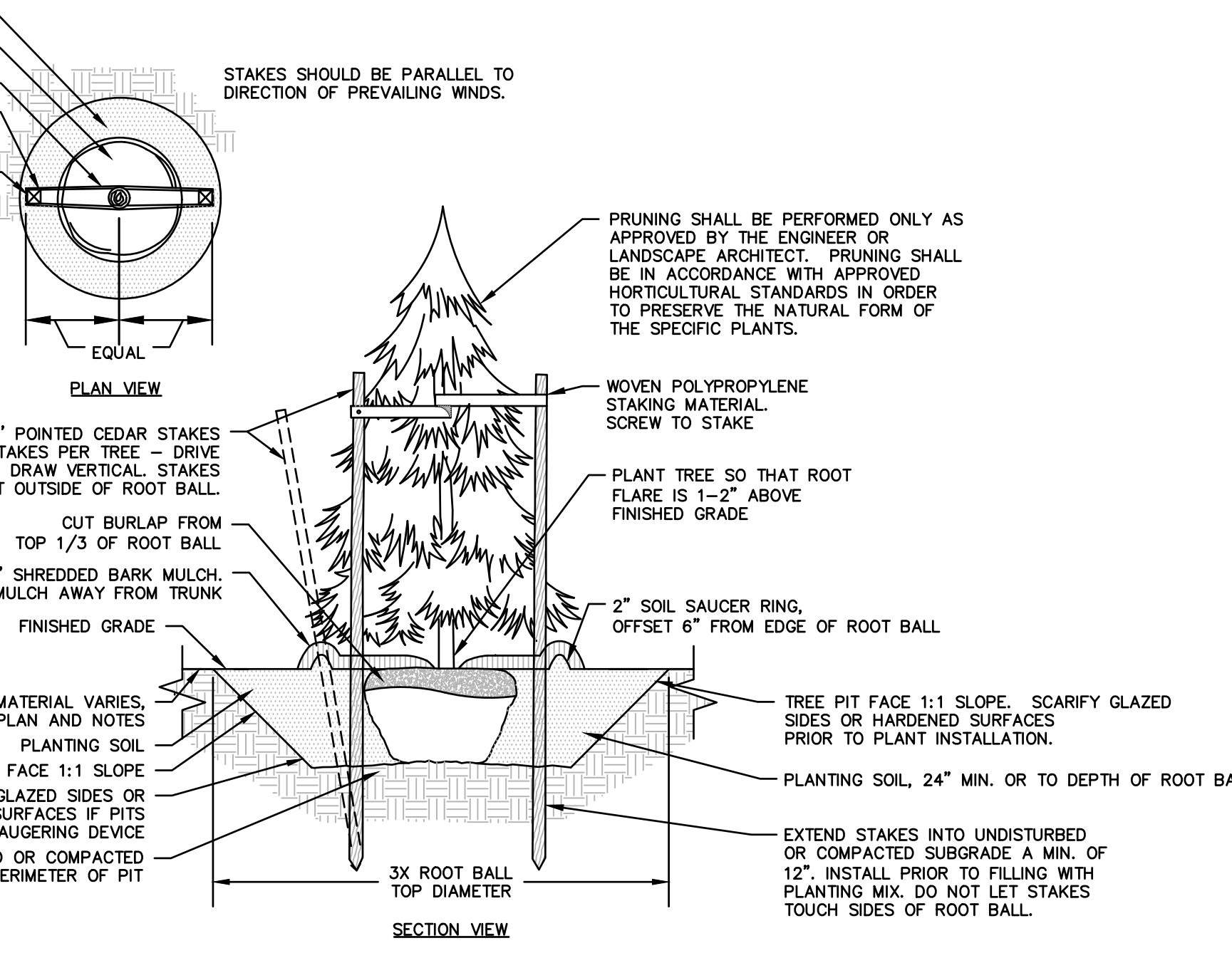
SECTION VIEW
SHRUB PLANTING
N.T.S.



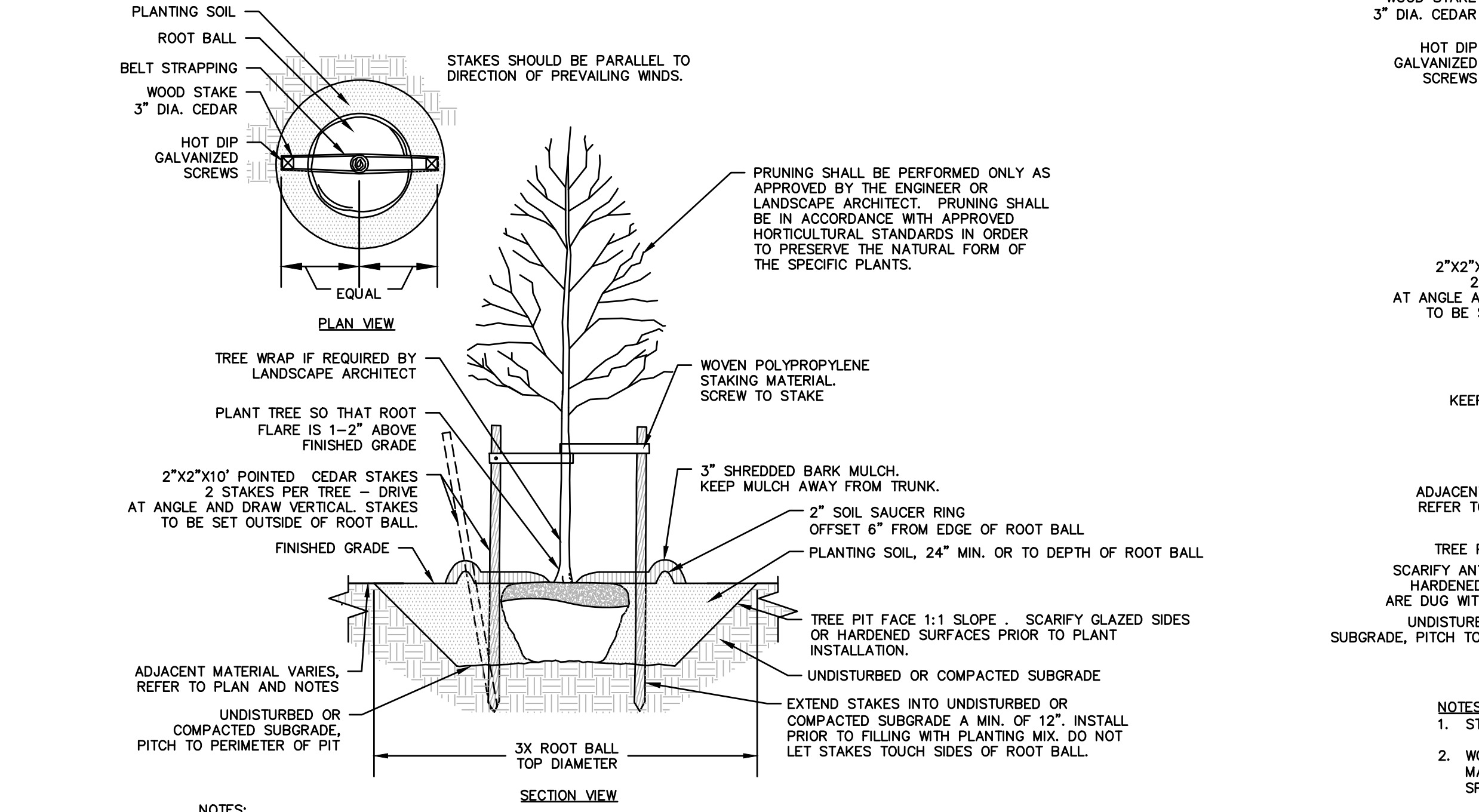
SECTION VIEW
SLOPE PLANTING
N.T.S.



SECTION VIEW
ROOT FLARE DIAGRAM
N.T.S.



SECTION VIEW
EVERGREEN TREE PLANTING
N.T.S.



SECTION VIEW
DECIDUOUS TREE PLANTING
N.T.S.

NOT FOR CONSTRUCTION
FOR PERMITTING PURPOSES ONLY

PRELIMINARY
NOT FOR
CONSTRUCTION

PROPOSED COMMERCIAL DEVELOPMENT
ECO TIP WEST - LOT 1
338 PEA RIDGE ROAD
MONCURE, CHATHAM COUNTY, NORTH CAROLINA

REV/NO	Date	Desc.
No.		

Designed W.E.V.
Drawn W.E.V.
Reviewed J.A.B.
Scale NONE
Project No. 2101465
Date 10/19/2021
CAD File: L1210146501
Title

LANDSCAPE
NOTES AND
DETAILS

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