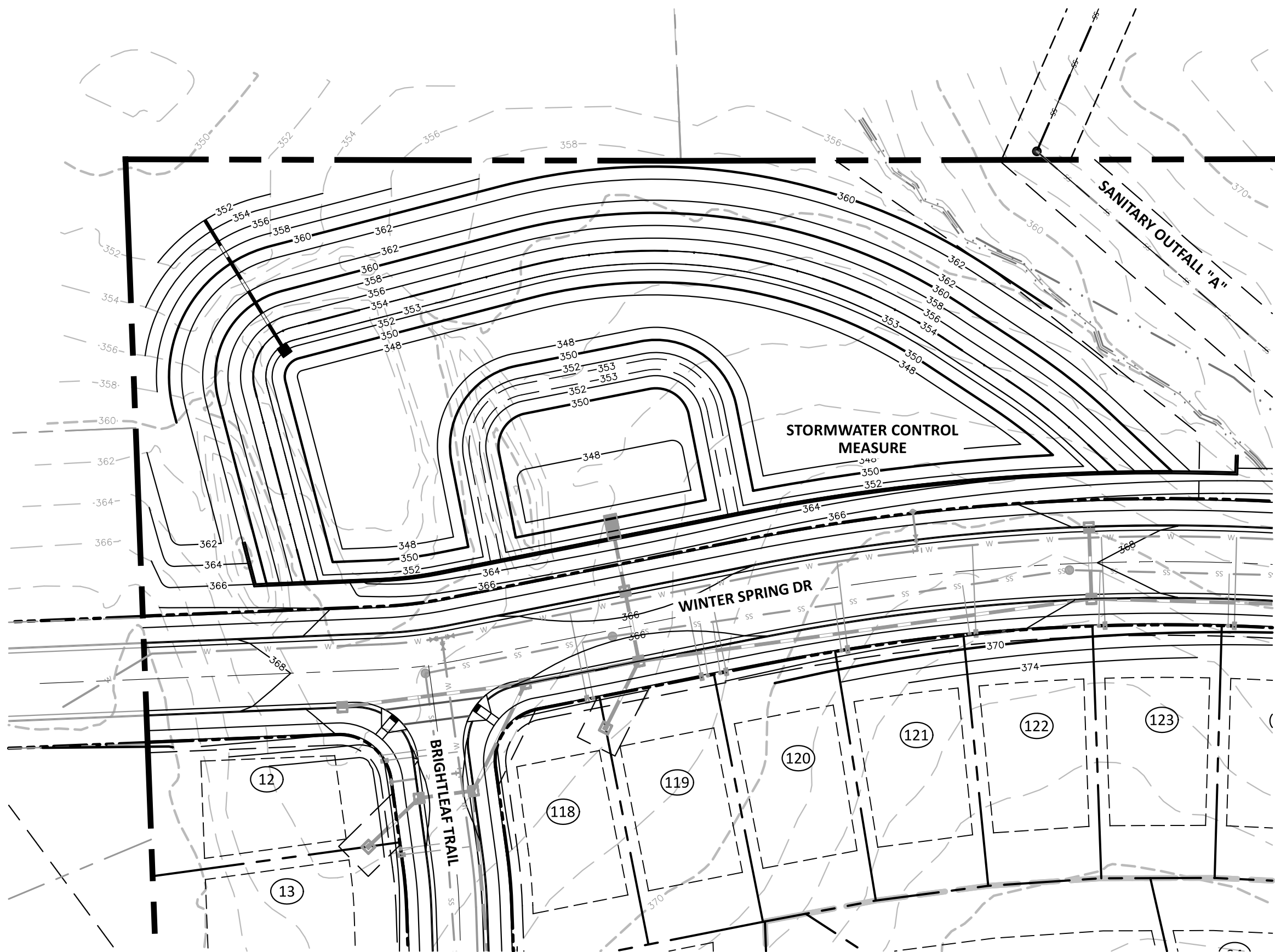
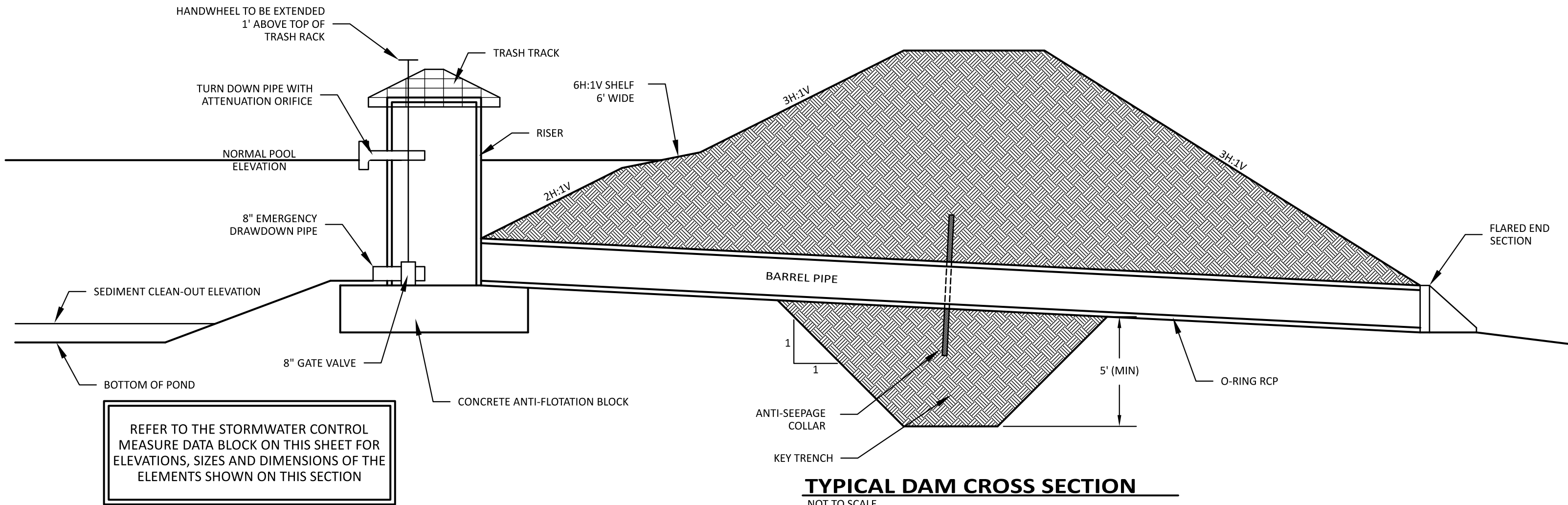


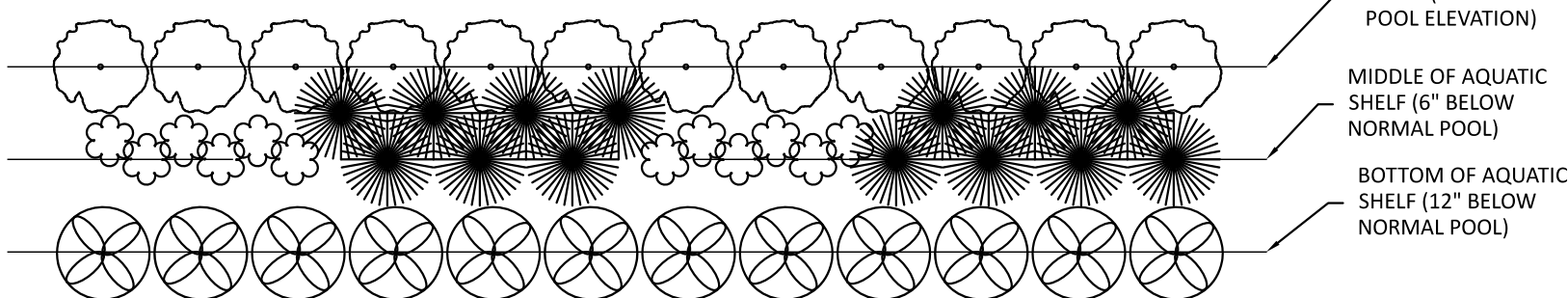
CONSTRUCTION DESIGN DATA		
DESIGN PARAMETER	DESIGN VALUE	AS-BUILT VALUE
TOP OF DAM ELEVATION	362.0	XXX
SEDIMENT CLEANOUT ELEV.	348.5	XXX
BOTTOM OF POND ELEVATION	348.0	XXX
RISER CREST ELEV.	356.0	XXX
RISER SIZE	48"x48" I.D SQUARE	XXX
NORMAL POOL ELEVATION	354.0	XXX
ORIFICE ELEVATION	354.0	XXX
ORIFICE DIAMETER	6 IN.	XXX
BARREL DIAMETER	30 IN.	XXX
BARREL UPSTREAM INV.	352.0	XXX
BARREL DOWNSTREAM INV.	351.3	XXX
BARREL LENGTH	72 FT	XXX
ANTI-FLOTATION BLOCK SIZE	7'x7'x18" THICK	XXX
ANTI-SEEPAGE COLLAR SIZE	9'x9'	XXX
CALCULATED POND DATA		
SURFACE AREA REQUIRED	27,115 SF	XXX
SURFACE AREA PROVIDED	41,507 SF	XXX
WQ RAINFALL VOLUME	63,210 CF	XXX
ELEV. AT WQ VOLUME	355.4	XXX
Q(1) DISCHARGE	11.9 CFS	XXX
Q(1) ELEV.	356.3	XXX
Q(10) DISCHARGE	54.0 CFS	XXX
Q(10) ELEV.	358.5	XXX
Q(100) DISCHARGE	65.5 CFS	XXX
Q(100) ELEV.	360.9	XXX
POND CONTOUR DATA		
ELEVATION	AREA	
354	41,507 SF	
356	44,924 SF	
358	48,464 SF	
360	52,127 SF	
362	55,914 SF	



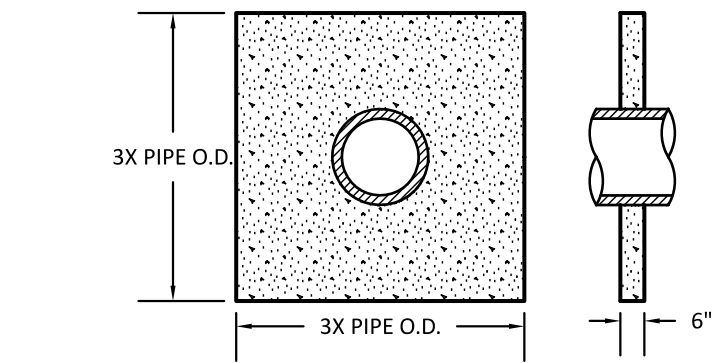
REFER TO THE STORMWATER CONTROL MEASURE DATA BLOCK ON THIS SHEET FOR ELEVATIONS, SIZES AND DIMENSIONS OF THE ELEMENTS SHOWN ON THIS SECTION

AQUATIC SHELF PLANTINGS			
SYMBOL	TOTAL	BOTANICAL NAME	COMMON NAME
	204	PONTERDERIA CORDATA	PICKERELWEED
	204	IRIS VIRGINICA	BLUE FLAG IRIS
	238	JUNCUS EFFUSUS var SOLUTUS	SOFT RUSH
	204	HIBISCUS COCCINEUS	SCARLET ROSE MALLOW

- NOTES**
1. BLUE FLAG IRIS AND SOFT RUSH PERFORM BEST WHEN PLANTED IN 0" TO 2" OF WATER. THEREFORE THESE TWO VARIETIES SHOULD BE PLANTED CLOSE TO THE NORMAL POOL ELEVATION BUT STILL BELOW THE NORMAL POOL ELEVATION.



TYPICAL 200 SQUARE FOOT AQUATIC SHELF PLANTINGS



ANTI-SEEPAGE COLLAR

NOT TO SCALE

- NOTES**
1. THE CONCRETE COLLAR SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 3000 PSI.
 2. ANTI-SEEPAGE COLLARS SHALL BE CONNECTED TO THE BARREL PIPE WITH A WATER TIGHT JOINT.
 3. INSTALL ANTI-SEEPAGE COLLAR AT THE CENTER OF THE EMBANKMENT.
 4. ANTI-SEEPAGE COLLARS SHALL BE INSTALLED AT LEAST 2 FEET FROM ANY PIPE JOINT.

AREA OF SHELF	3399 SF
REQUIRED PLANTING RATE	50 PER 200 SF OF SHELF AREA
PLANTINGS REQUIRED	850
PLANTINGS PROVIDED	850

SEEDING SPECIFICATIONS

COMPLETE GRADING BEFORE PREPARING SEEDBEDS, AND INSTALL ALL NECESSARY EROSION CONTROL PRACTICES SUCH AS, DIKES, WATERWAYS, AND BASINS. MINIMIZE STEEP SLOPES BECAUSE THEY MAKE SEEDBED PREPARATION DIFFICULT AND INCREASE THE EROSION HAZARD. IF SOILS BECOME COMPACTED DURING GRADING, LOOSEN THEM TO A DEPTH OF 6-8 INCHES USING A RIPPER, HARROW, OR CHISEL PLOW.

- SEEDBED PREPARATION**
GOOD SEEDBED PREPARATION IS ESSENTIAL TO SUCCESSFUL PLANT ESTABLISHMENT. A GOOD SEEDBED IS WELL-PULVERIZED, LOOSE, AND UNIFORM. WHERE HYDROSEEDING METHODS ARE USED, THE SURFACE MAY BE LEFT WITH A MORE IRREGULAR SURFACE OF LARGE CLODS AND STONES.
- LIMING—APPLY LIME ACCORDING TO SOIL TEST RECOMMENDATIONS. IF THE PH (ACIDITY) OF THE SOIL IS NOT KNOWN, AN APPLICATION OF GROUND AGRICULTURAL LIMESTONE AT THE RATE OF 1 TO 1 1/2 TONS/ACRE ON COARSE-TEXTURED SOILS AND 2-3 TONS/ACRE ON FINETEXTURED SOILS IS USUALLY SUFFICIENT. APPLY LIMESTONE UNIFORMLY AND INCORPORATE INTO THE TOP 4-6 INCHES OF SOIL. SOILS WITH A PH OF 6 OR HIGHER NEED NOT BE LIMED.
 - FERTILIZER—BASE APPLICATION RATES ON SOIL TESTS. WHEN THESE ARE NOT POSSIBLE, APPLY A 10-10-10 GRADE FERTILIZER AT 700-1,000 LB/ACRE. BOTH FERTILIZER AND LIME SHOULD BE INCORPORATED INTO THE TOP 4-6 INCHES OF SOIL. IF A HYDRAULIC SEEDER IS USED, DO NOT MIX SEED AND FERTILIZER MORE THAN 30 MINUTES BEFORE APPLICATION.
 - SURFACE ROUGHENING—IF RECENT TILLAGE OPERATIONS HAVE RESULTED IN A LOOSE SURFACE, ADDITIONAL ROUGHENING MAY NOT BE REQUIRED, EXCEPT TO BREAK UP LARGE CLODS. IF RAINFALL CAUSES THE SURFACE TO BECOME SEALED OR CRUSTED, LOOSEN IT JUST PRIOR TO SEEDING BY DISKING, RAKING, HARROWING, OR OTHER SUITABLE METHODS. GROOVE OR FURROW SLOPES STEEPER THAN 3:1 ON THE CONTOUR BEFORE SEEDING (PRACTICE 6.03, SURFACE ROUGHENING).

PLANT SELECTION
SELECT AN APPROPRIATE SPECIES OR SPECIES MIXTURE FROM TABLE 6.10A FOR SEEDING IN LATE WINTER AND EARLY SPRING, TABLE 6.10B FOR SUMMER, AND TABLE 6.10C FOR FALL. IN THE MOUNTAINS, DECEMBER AND JANUARY SEEDINGS HAVE POOR CHANCES OF SUCCESS. WHEN IT IS NECESSARY TO PLANT AT THESE TIMES, USE RECOMMENDATIONS FOR FALL AND A SECURELY TACKED MULCH.

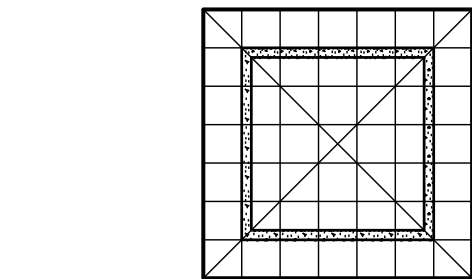
SEEDING
EVENLY APPLY SEED USING A CYCLONE SEEDER (BROADCAST), DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. USE SEEDING RATES GIVEN IN TABLES 6.10A-6.10C. BROADCAST SEEDING AND HYDROSEEDING ARE APPROPRIATE FOR STEEP SLOPES WHERE EQUIPMENT CANNOT BE DRIVEN. HAND BROADCASTING IS NOT RECOMMENDED BECAUSE OF THE DIFFICULTY IN ACHIEVING A UNIFORM DISTRIBUTION. SMALL GRAINS SHOULD BE PLANTED NO MORE THAN 1 INCH DEEP. GRASSES AND LEGUMES NO MORE THAN 1/2 INCH. BROADCAST SEED MUST BE COVERED BY RAKING OR CHAIN DRAGGING, AND THEN LIGHTLY FIRMED WITH A ROLLER OR CULTIPACKER. HYDROSEEDED MIXTURES SHOULD INCLUDE A WOOD FIBER (CELLULOSE) MULCH.

MULCHING
THE USE OF AN APPROPRIATE MULCH WILL HELP ENSURE ESTABLISHMENT UNDER NORMAL CONDITIONS, AND IS ESSENTIAL TO SEEDING SUCCESS UNDER HARSH SITE CONDITIONS (PRACTICE 6.14, MULCHING). HARSH SITE CONDITIONS INCLUDE:

- SEEDING IN FALL FOR WINTER COVER (WOOD FIBER MULCHES ARE NOT CONSIDERED ADEQUATE FOR THIS USE),
- SLOPES STEEPER THAN 3:1,
- EXCESSIVELY HOT OR DRY WEATHER,
- ADVERSE SOILS (SHALLOW, ROCKY, OR HIGH IN CLAY OR SAND), AND
- AREAS RECEIVING CONCENTRATED FLOW.

IF THE AREA TO BE MULCHED IS SUBJECT TO CONCENTRATED WATERFLOW, AS IN CHANNELS, ANCHOR MULCH WITH NETTING (PRACTICE 6.14, MULCHING).

FROM: DEMLR EC MANUAL SECTION 6.10 REVISED 5/13



TRASH RACK DETAIL

NOT TO SCALE

NOTES

1. THE TRASH RACK SHALL BE CONSTRUCTED OF #4 REBAR
2. THE TRASH RACK SHALL BE ATTACHED TO THE RISER WITH FOUR EQUALLY SPACED HOT OR DRY GALVANIZED STEEL CLAMPS
3. THE TRASH RACK WILL BE PROVIDED WITH A HINGED ACCESS HATCH PROVIDED BY THE FABRICATOR.

POND CERTIFICATION REQUIREMENTS

THE CONTRACTOR SHALL NOTE THAT THE FOLLOWING DOCUMENTATION IS REQUIRED FOR CERTIFICATION OF THIS POND. ADDITIONAL ITEMS MAY BE REQUIRED DEPENDING ON THE REVIEWING AUTHORITY.

1. AN AS-BUILT SURVEY WITH BARREL PIPE INVERTS AND DIAMETER, RISER DIMENSIONS AND CREST ELEVATION, ORIFICE ELEVATION(S) AND DIAMETER(S)
2. AN AS-BUILT TOPOGRAPHIC SURVEY OF THE POND AT ONE FOOT CONTOUR INTERVALS, INCLUDING THE TOP OF EMBANKMENT AND DOWNSTREAM SLOPE(S) OF THE EMBANKMENT
3. COMPACTION TESTS PERFORMED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. THIS SHOULD INCLUDE COMPACTION TESTS OF SOIL UNDER THE BARREL PIPE IF THE CONCRETE CRADLE WAS NOT USED.
4. VERIFICATION OF ANTI-SEEPAGE COLLAR SIZE AND INSTALLATION
5. VERIFICATION OF ANTI-FLOTATION BLOCK DIMENSIONS AND INSTALLATION

PERMANENT SODDING

ALL SOD SHOULD BE PLACED IN ACCORDANCE WITH SECTION 6.12 OF THE DENR EROSION CONTROL MANUAL.

SPECIES:
HYBRID BERMUDAGRASS

SOIL PREPARATION:
APPLY LIME AT A RATE OF 100 LB PER 1,000 SF. APPLY FERTILIZER AT A RATE OF 25 LB PER 1,000 SF OF 10-10-10 IN FALL OR 5-10-10 IN SPRING.

- SOD INSTALLATION:**
1. PRIOR TO LAYING SOD, CLEAR SURFACE OF SOIL OF ALL TRASH AND DEBRIS. FILL ALL LOW SPOTS TO AVOID STANDING WATER.
 2. PRIOR TO INSTALLATION, STORE ALL SOD IN SHADE AND MOISTEN TO MAINTAIN VIABILITY. DELIVERY AND INSTALLATION OF SOD SHOULD TAKE PLACE WITHIN A PERIOD OF 36 HOURS.
 3. DURING SUMMER, LIGHTLY IRRIGATE SOIL IMMEDIATELY BEFORE LAYING SOD.
 4. LAY FIRST ROW OF SOD IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO AND BUTTING TIGHTLY AGAINST EACH OTHER. STAGGER STRIPS IN A BRICK-LIKE PATTERN. ENSURE THAT THE SOD IS NOT STRETCHED OR OVERLAPPED. TRIM AND FIT IRREGULAR AREAS WITH A KNIFE OR SHARP SPADE.
 5. INSTALL STRIPS OF SOD WITH THEIR LONGEST DIMENSION PERPENDICULAR TO THE SLOPE. ON SLOPES 3:1 OR GREATER, OR WHEREVER EROSION MAY BE A PROBLEM, SECURE SOD WITH PEGS OR STAPLES.
 6. AFTER SODDING OF AREAS IS COMPLETE, ROLL SOD TO PROVIDE FIRM CONTACT BETWEEN ROOTS AND SOIL.
 7. IRRIGATE UNTIL THE SOIL IS WET 4 INCHES BELOW THE SOD. KEEP SODDED AREAS MOIST TO A DEPTH OF 4 INCHES UNTIL GRASS TAKES ROOT.
 8. NO MOWING SHOULD OCCUR UNTIL THE SOD IS FIRMLY ROOTED, USUALLY 2-3 WEEKS.

MAINTENANCE:
WATER AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE. GRASS HEIGHT SHOULD BE MAINTAINED BETWEEN 1 AND 2 INCHES. APPLY FERTILIZER ANNUALLY AT A RATE OF 5-6 LB NITROGEN PER 1,000 SF.

PERMANENT SEEDING

FOR GENTLE SLOPES, SUN OR SEMI-SHADE, HIGH-MAINTENANCE, MINIMUM CARE LAWNS

SEEDING MIXTURE

SPECIES	RATE (LB/ACRE)
TALL FESCUE BLEND (EQUAL PARTS OF TWO OR PREFERABLY THREE TURF-TYPE TALL FESCUES)	200-500

SEEDING DATES

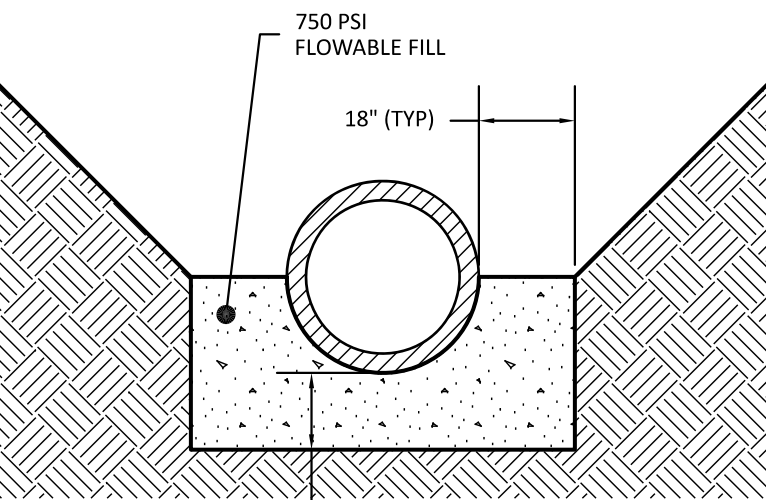
SEEDING DATES	BEST	POSSIBLE
BELOW 2,500 FT	AUG 15 - SEPT 1 MAR 1 - APR 1	JULY 25 - SEPT 15 MAR 1 - MAY10
ABOVE 2,500 FT	JULY 25 - AUG 15 MAR 20 - APR 20	JULY 15 - AUG 30 MAR 5 - MAY 15

SOIL AMMENDMENTS
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 4,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 4,000 LB/ACRE 10-10-10 FERTILIZER.

MULCH
APPLY 4,000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCH. ANCHOR STRAW BY TACKING WITH ASPHALT AT 400 GAL/ACRE, NETTING, OR ROVING OR BY ROLLING AND WATERING

MAINTENANCE
THE BUNCH-TYPE HABIT OF TALL FESCUE RESTRICTS ITS SPREAD INTO DAMAGED AREAS. RESEED BARE SPOTS IN THE FALL. REFERTILIZE ANNUALLY IN LATE WINTER AND AGAIN IN FALL. RESEED, FERTILIZE, AND MULCH DAMAGED AREAS IMMEDIATELY.

NOTE: PERMANENT SEEDING NOTED ABOVE IS ONLY FOR AREAS NOT COVERED WITH SOD



CONCRETE CRADLE DETAIL

NOT TO SCALE

CONCRETE CRADLE NOTES

1. EXCAVATE TRENCH FOR THE CONCRETE CRADLE AND BARREL PER THE DIMENSIONS ON THE CONCRETE CRADLE DETAIL.
2. PLACE BARREL PIPE ON CONCRETE BLOCKS TO ACHIEVE SLOPE AND INVERTS NOTED ON THE POND DETAIL SHEET.
3. PLACE 2 FOOT WIDE STRIPS OF FILTER FABRIC OVER PIPE JOINTS BEFORE PLACING FLOWABLE FILL.
4. PLACE FLOWABLE FILL AS ONE LIFT UP TO THE SPRINGLINE OF THE PIPE.
5. ALLOW CRADLE TO CURE FOR AT LEAST 7 DAY BEFORE USING ANY VIBRATING EQUIPMENT IN THE VICINITY OF THE PIPE.

CONCRETE CRADLE ALTERNATE

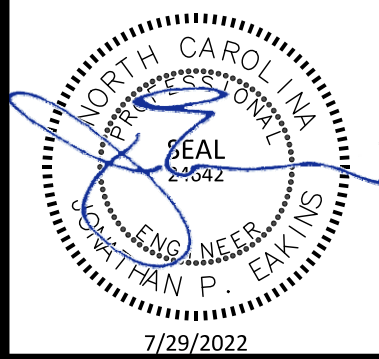
THE CONTRACTOR MAY CHOOSE TO ELIMINATE THE CONCRETE CRADLE AND USE COMPACTED BACKFILL. IF THE CONCRETE CRADLE IS NOT USED THE COMPACTED BACKFILL MUST BE PLACED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.

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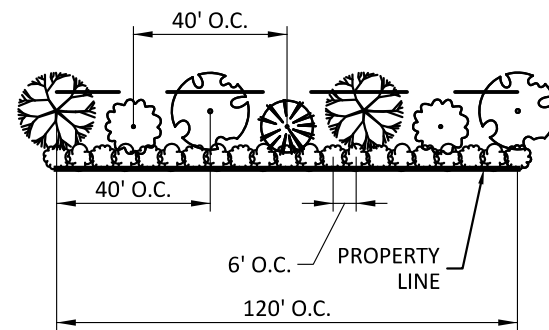
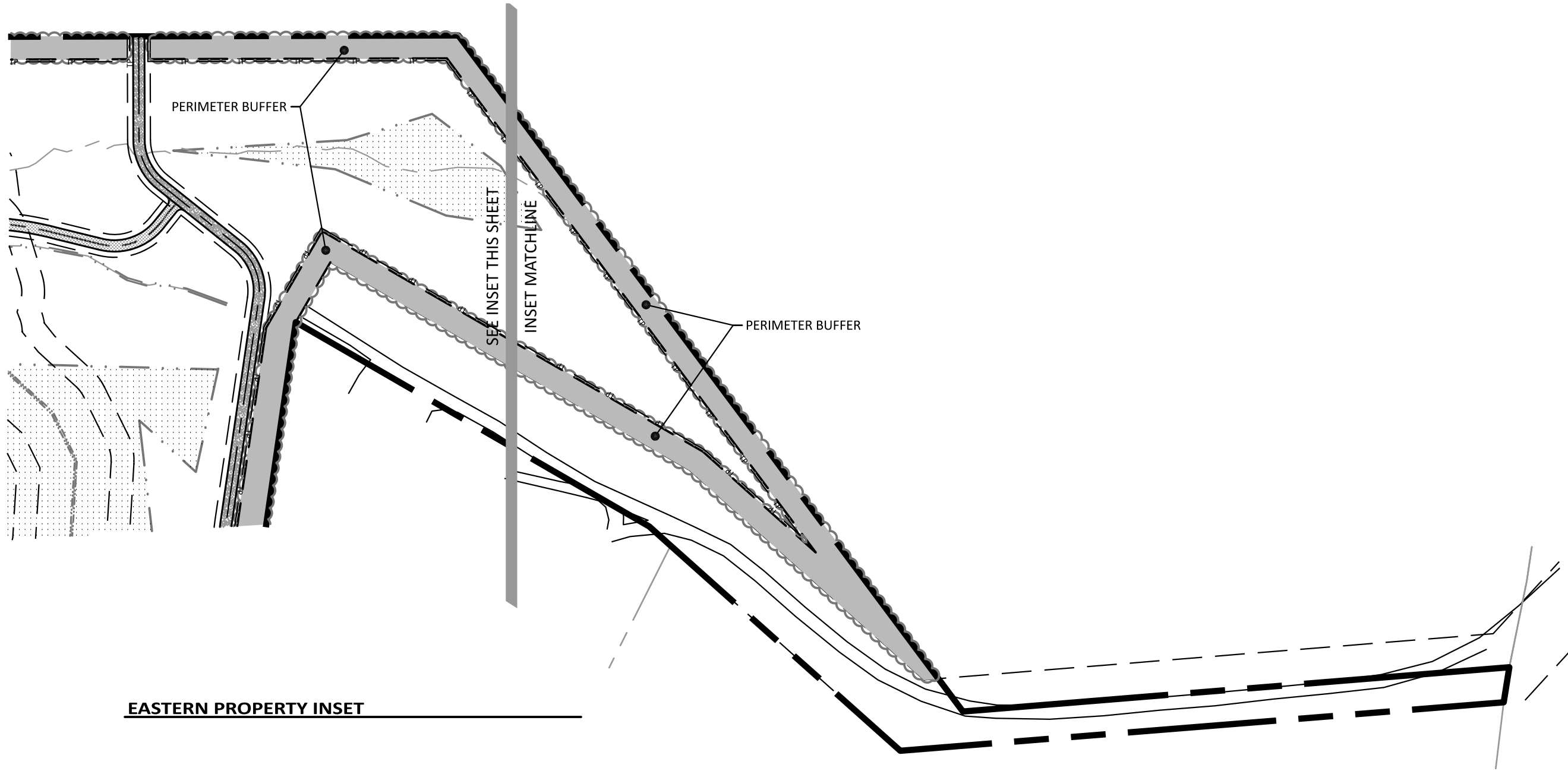
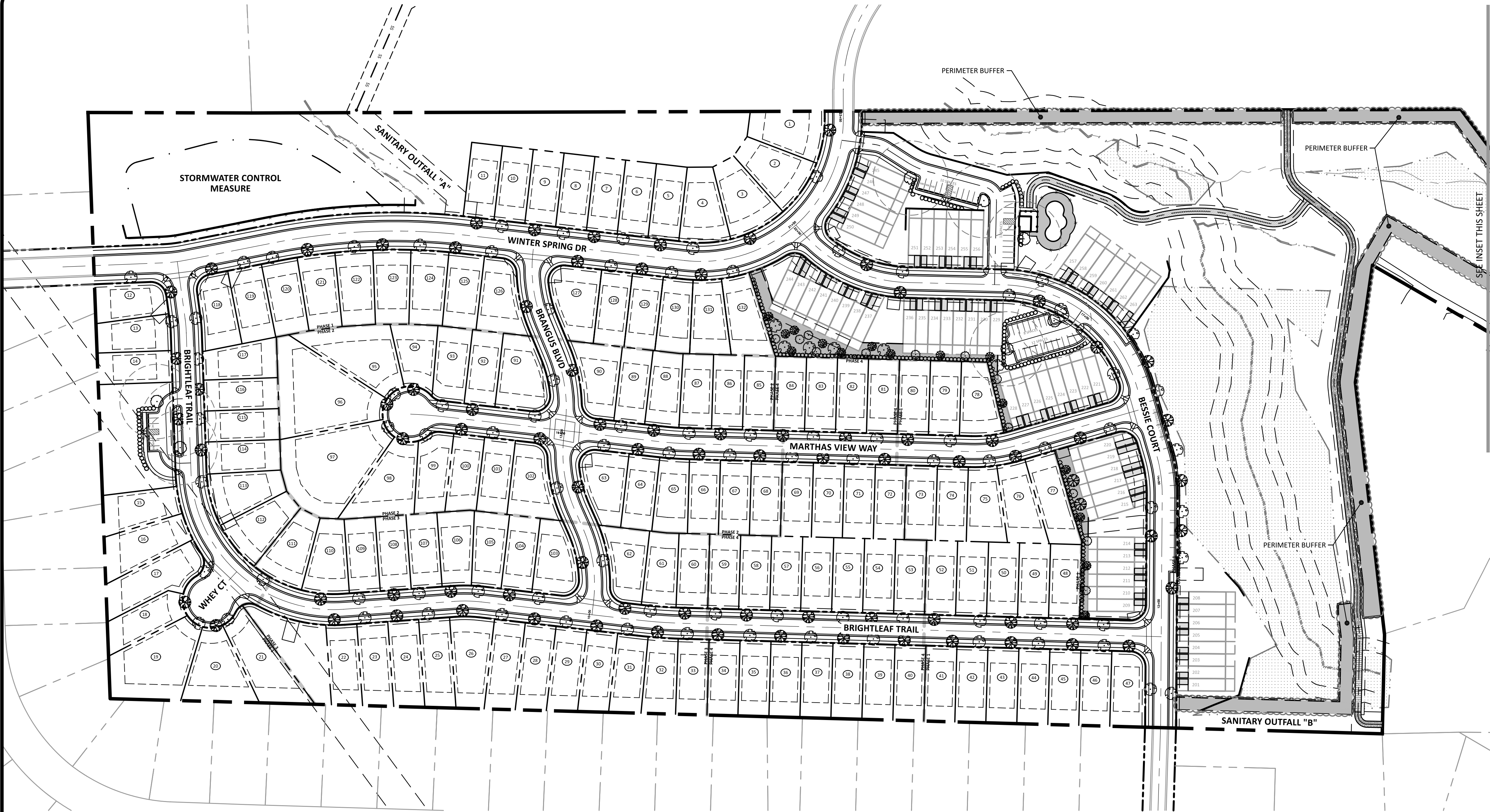
PRESERVE AT JONES DAIRY, LLC
10534 RALEIGH NC 27117
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REVISIONS		REVISIONS PER TOWN OF ROLESVILLE COMMENTS	
1	2023-06-05	2023-07-29	
2			

PRESERVE AT JONES DAIRY - NORTH
ROLESVILLE, NC
POND DETAIL SHEET



PROJECT NO:	---
DESIGN BY:	JPE
DRAWN BY:	JPE
SCALE:	AS NOTED
DATE:	2022-03-21
SHEET NO:	C6.1



TYPICAL BUFFER PLANTINGS PER 120' OF BUFFER
FOR ALL TYPE B LANDSCAPE BUFFERS

BUFFER PLANT DATA (PER 120' OF BUFFER)						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
11		Morella cerifera	WAX MYRTLE	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
10		Ligustrum japonicum	CURLY-LEAF PRIVET	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
1		Cercis Canadensis	REDBUD	1.5" CAL/ 8' HT	B&B	UNDERSTORY TREE
2		Ilex x 'Nellie R. Stevens'	NELLIE STEVENS HOLLY	1.5" CAL/ 8' HT	B&B	UNDERSTORY TREE
2		Quercus Phellos	WILLOW OAK	2.5" CAL/ 10' HT	B&B	CANOPY TREE
2		Acer Rubrum	RED MAPLE	2.5" CAL/ 10' HT	B&B	CANOPY TREE

GROUND COVER IN BUFFER AREA SHALL BE MULCH OR GRASS

PERIMETER BUFFER NOTE

1. THE DEVELOPER WILL COORDINATE A WALK THROUGH WITH THE TOWN TO CONFIRM EXISTING VEGETATION IN DELINEATED BUFFERS MEETS THE REQUIRED ATTRIBUTES OF THE BUFFER TYPE. ANY ADDITIONAL REQUIRED PLANTINGS TO EFFECT THE BUFFER WILL UTILIZE THE PLANT TYPES AND SPECIES LISTED IN THE "TYPE B" BUFFER LANDSCAPE PLANT LIST ON SHEETS C7.1 OR C7.2 TO MEET OR EXCEED THE ORDINANCE STANDARDS FOR THAT BUFFER TYPE. DURING CONSTRUCTION OF PHASE 1 OF THE TOWNHOMES THIS FIELD VERIFICATION OF THE EXISTING VEGETATION WILL TAKE PLACE AND DOCUMENTATION WILL BE PROVIDED TO THE TOWN NOTING SUFFICIENCY.

POWER LINE EASEMENT

STREET TREES AND PARKING LOT LANDSCAPING ARE NOT INCLUDED IN THE LANDSCAPE PLAN IN ORDER TO COMPLY WITH WAKE ELECTRIC'S EASEMENT REQUIREMENTS

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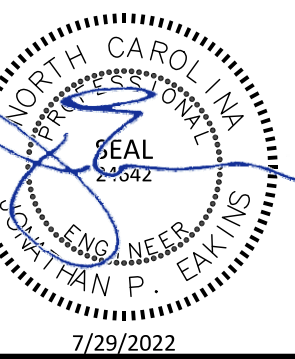
REVISIONS

1	2022-06-09	REVISIONS PER TOWN OF ROLESVILLE COMMENTS
2	2022-07-29	REVISIONS PER TOWN OF ROLESVILLE COMMENTS

PRESERVE AT JONES DAIRY - NORTH

ROLESVILLE, NC

OVERALL LANDSCAPE PLAN



PROJECT NO:

DESIGN BY:

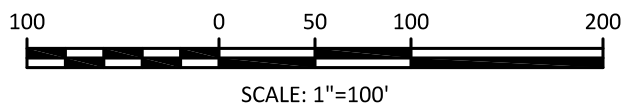
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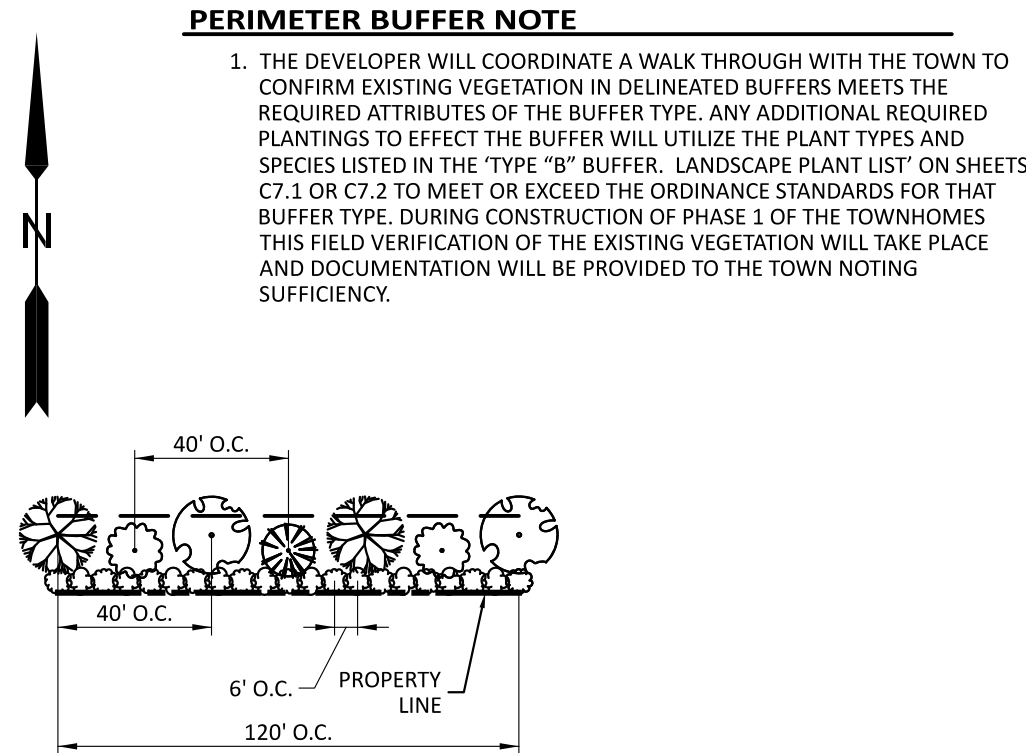
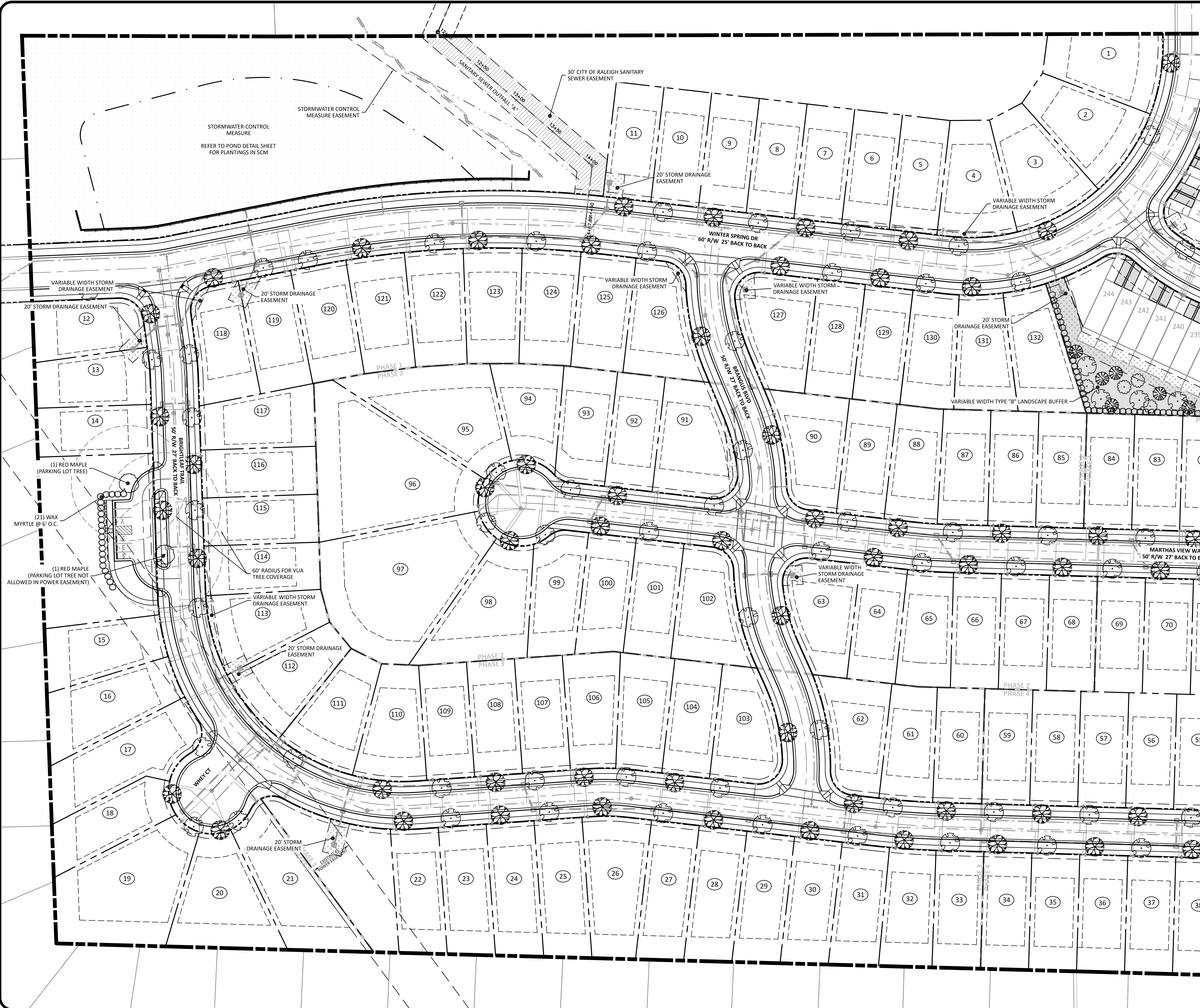
DATE:

SHEET NO:

C7.0



PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



TYPICAL BUFFER PLANTINGS PER 120' OF BUFFER
FOR ALL TYPE B LANDSCAPE BUFFERS

BUFFER PLANT DATA (PER 120' OF BUFFER)						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
11		Morella cerifera	WAX MYRTLE	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
10		Ligustrum japonicum	CURLY-LEAF PRIVET	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
1		Cercis Canadensis	REDBUD	1.5" CAL/ 8' HT	B&B	UNDERSTORY TREE
2		Ilex x 'Nellie R. Stevens'	NELLIE STEVENS HOLLY	1.5" CAL/ 8' HT	B&B	UNDERSTORY TREE
2		Quercus Phellos	WILLOW OAK	2.5" CAL /10' HT	B&B	CANOPY TREE
2		Acer Rubrum	RED MAPLE	2.5" CAL /10' HT	B&B	CANOPY TREE
GROUND COVER IN BUFFER AREA SHALL BE MULCH OR GRASS						

TOWNHOME VARIABLE WIDTH BUFFER DATA	
TOTAL LENGTH OF SINGLE FAMILY SINGLE FAMILY LOT LINES ADJACENT TO TOWNHOME AREA	LOTS 48 AND 77 = 278 LF LOTS 78-84 AND 132 = 600 LF TOTAL LENGTH = 878 LF
TOTAL AREA OF TYPE B LANDSCAPE BUFFER REQUIRED IN TOWNHOME AREA (20' WIDE)	878 LF X 20' WIDE = 17,560 SF
TOTAL AREA OF TYPE B LANDSCAPE BUFFER PROVIDED IN TOWNHOME AREA (ADJACENT TO LOTS 209-220 AND 228-244)	17,640 SQUARE FEET

TYPE "B" BUFFER LANDSCAPE PLANT LIST						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
98		Morella cerifera	WAX MYRTLE	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
43		Ligustrum japonicum	CURLY-LEAF PRIVET	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
15		Cercis Canadensis	REDBUD	1.5" CAL/ 8' HT	B&B	UNDERSTORY TREE
12		Ilex x 'Nellie R. Stevens'	NELLIE STEVENS HOLLY	1.5" CAL/ 8' HT	B&B	UNDERSTORY TREE
6		Quercus Phellos	WILLOW OAK	2.5" CAL /10' HT	B&B	CANOPY TREE
2		Acer Rubrum	RED MAPLE	2.5" CAL /10' HT	B&B	CANOPY TREE
GROUND COVER IN BUFFER AREA SHALL BE MULCH OR GRASS						

THE TABLE ABOVE APPLIES TO THE TYPE B BUFFER THAT SEPARATES THE SINGLE FAMILY LOTS FROM THE TOWNHOME LOTS

STREET TREE LANDSCAPE PLANT LIST						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
86		Quercus Phellos	WILLOW OAK	2.5" CAL /10' HT	B&B	STREET TREE
81		Acer Rubrum	RED MAPLE	2.5" CAL /10' HT	B&B	STREET TREE

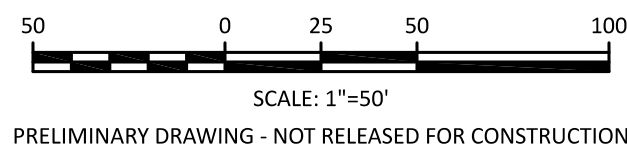
THE TABLE ABOVE APPLIES TO SINGLE FAMILY AND TOWNHOME STREET TREES

STREET TREE NOTES

- ONE STREET TREE PER LOT IS REQUIRED. CORNER LOTS SHALL HAVE TWO STREET TREES
- STREET TREES ARE NOT SHOWN IN THE POWER LINE EASEMENT IN ORDER TO COMPLY WITH WAKE ELECTRIC'S EASEMENT REQUIREMENTS.
- FINAL LOCATION OF STREET TREES TO BE DETERMINED BY DRIVEWAY PLACEMENT

LANDSCAPE PLANT LIST - ALL PARKING AREAS ON SITE						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
97		Morella cerifera	WAX MYRTLE	24" HT/ 3 GAL	CONT.	PARKING AREA SCREEN
7		Acer Rubrum	RED MAPLE	2.5" CAL /10' HT	B&B	VUA COVERAGE

THE TABLE ABOVE APPLIES TO SINGLE FAMILY AND TOWNHOME PARKING AREAS



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REVISIONS	REVISIONS PER TOWN OF ROLESVILLE COMMENTS	REVISIONS PER TOWN OF ROLESVILLE COMMENTS
1	2022-06-09	2022-07-29
2		

PRESERVE AT JONES DAIRY - NORTH

ROLESVILLE, NC

LANDSCAPE PLAN - WEST

PROJECT NO: ---

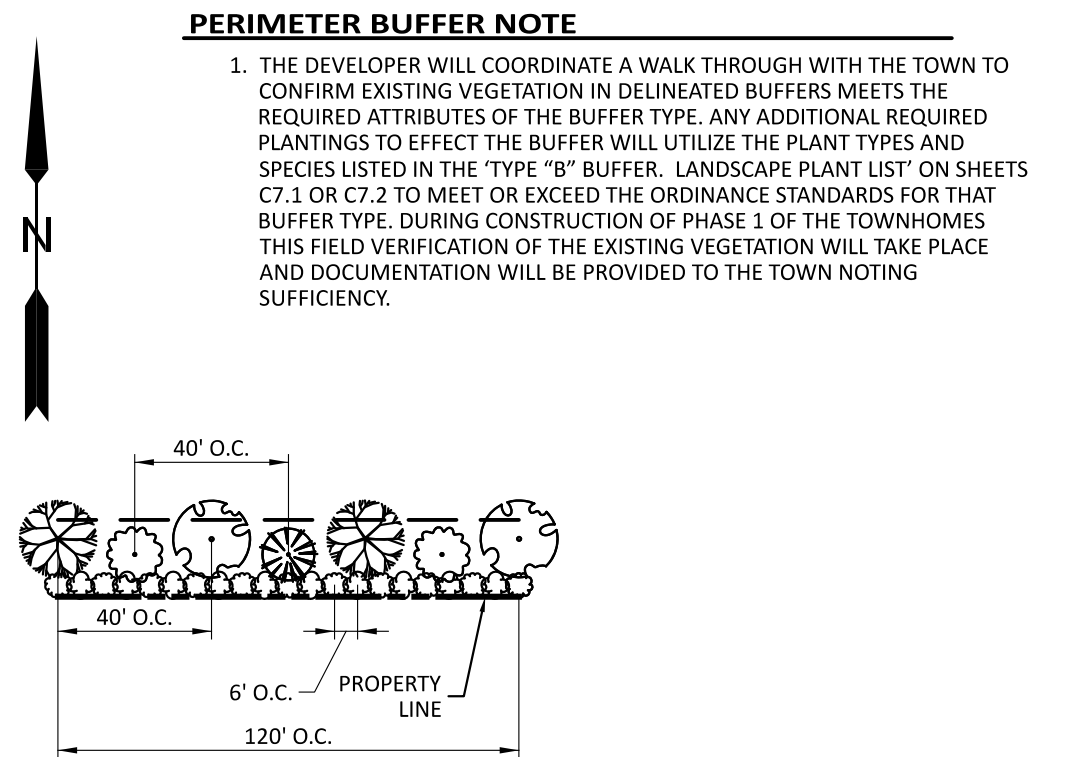
DESIGN BY: JPE

DRAWN BY: JPE

SCALE: 1"=50'

DATE: 2022-03-21

SHEET NO: **C7.1**



BUFFER PLANT DATA (PER 120' OF BUFFER)						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
11		Morella cerifera	WAX MYRTLE	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
10		Ligustrum japonicum	CURLEY-LEAF PRIVET	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
1		Cercis Canadensis	REDBUD	1.5' CAL/ 8' HT	B&B	UNDERSTORY TREE
2		Ilex x 'Nellie R. Stevens'	NELLIE STEVENS HOLLY	1.5' CAL/ 8' HT	B&B	UNDERSTORY TREE
2		Quercus Phellos	WILLOW OAK	2.5' CAL/ 10' HT	B&B	CANOPY TREE
2		Acer Rubrum	RED MAPLE	2.5' CAL/ 10' HT	B&B	CANOPY TREE
GROUND COVER IN BUFFER AREA SHALL BE MULCH OR GRASS						

TOTAL LENGTH OF SINGLE FAMILY SINGLE FAMILY LOT LINES ADJACENT TO TOWNHOME AREA	LOTS 48 AND 77 = 278 LF LOTS 78-84 AND 132 = 600 LF TOTAL LENGTH = 878 LF
TOTAL AREA OF TYPE B LANDSCAPE BUFFER REQUIRED IN TOWNHOME AREA (20' WIDE)	878 LF X 20' WIDE = 17,560 SF
TOTAL AREA OF TYPE B LANDSCAPE BUFFER PROVIDED IN TOWNHOME AREA (ADJACENT TO LOTS 209-220 AND 228-244)	17,640 SQUARE FEET

TYPE "B" BUFFER LANDSCAPE PLANT LIST						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
98		Morrellia cerifera	WAX MYRTLE	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
43		Ligustrum japonicum	CURLY-LEAF PRIVET	24" HT/ 3 GAL	CONT.	EVERGREEN SHRUB
15		Cercis Canadensis	REDBUD	1.5' CAL/ 8' HT	B&B	UNDERSTORY TREE
12		Ilex x 'Nellie R. Stevens'	NELLIE STEVENS HOLLY	1.5' CAL/ 8' HT	B&B	UNDERSTORY TREE
6		Quercus Phellos	WILLOW OAK	2.5' CAL/ 10' HT	B&B	CANOPY TREE
2		Acer Rubrum	RED MAPLE	2.5' CAL/ 10' HT	B&B	CANOPY TREE
GROUND COVER IN BUFFER AREA SHALL BE MULCH OR GRASS						

STREET TREE LANDSCAPE PLANT LIST						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
86		Quercus Phellos	WILLOW OAK	2.5" CAL /10' HT	B&B	STREET TREE
81		Acer Rubrum	RED MAPLE	2.5" CAL /10' HT	B&B	STREET TREE

1. ONE STREET TREE PER LOT IS REQUIRED. CORNER LOTS SHALL HAVE TWO STREET TREES
2. STREET TREES ARE NOT SHOWN IN THE POWER LINE EASEMENT IN ORDER TO COMPLY WITH WAKE ELECTRIC'S EASEMENT REQUIREMENTS.
3. FINAL LOCATION OF STREET TREES TO BE DETERMINED BY DRIVEWAY PLACEMENT

LANDSCAPE PLANT LIST - ALL PARKING AREAS ON SITE						
#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	TYPE
97		Morella cerifera	WAX MYRTLE	24" HT/ 3 GAL	CONT.	PARKING AREA SCREEN
7		Acer Rubrum	RED MAPLE	2.5" CAL /10' HT	B&B	VUA COVERAGE

50 0 25 50 100
SCALE: 1"=50'
PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

REVISIONS PER TOWN OF ROLESVILLE COMMENTS

PRESERVE AT JONES DAIRY - NORTH

ROLESVILLE, NC

LANDSCAPE PLAN - EAST



SHEET NO: **67.2**