SITE DATA:

Total Site Area: 152,460 SF (3.5 Acres)

Total Impervious Area: 104,750 SF

Landscaped Area Required: 10,475 SF (10%)

Landscaped Area Provided: 47,710 SF (32%)

Internal Trees Required: 10.5

Internal Trees Provided: 186

NOTE:

SEE CIVIL DRAWINGS FOR UTILITY, TREE SURVEY, AND TREE PROTECTION INFORMATION.

ATTACHED TO ADMINISTRATIVE APPROVAL
DATED: 08/13/93
BY: MARTIN R. CRAMTON, JR.

Little& Associates Architects
5815 Westpark Drive
Charlotte, NC 28217
704·525·6350
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Project: CANDLEWYCK FOOD LION CHARLOTTE, N.C.

Sheet Title: LANDSCAPE PLAN

V. P. in Charge: VRETTOS
Project Architect/Job Captain: ENGEL
Drawn By: GAMBLE
Date Drawn: 15 SEPT 92
CADD Dwg. Name: 2609LDSP.DWG 1"=30'
Revisions
No. 1 Date 29 SEPT 92
No. 2 Date 10 OCT 92
No. 3 Date 22 JUNE 93
No. Date
Issue Date 9·22·92

Project Number 2609

Sheet L-1 Of 2

Released For Construction 10/22/92

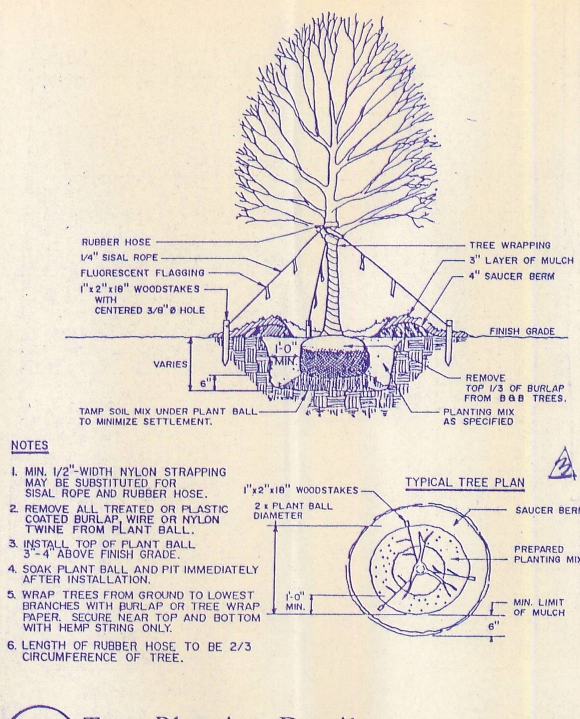
General Notes:

1. The Contractor shall furnish the Owner with properly planted, fertilized, and maintained living plants at the date of acceptance and their detailed maintenance instructions on or before the date of acceptance; all to insure the Owner a firm and living landscaping foundation.
2. The Contractor shall verify plant material quantities shown on Landscape plan with those listed within the plant schedule. Landscape Architect is to be notified immediately if any discrepancies are discovered.
3. The Contractor shall be responsible for verifying the location of all underground utilities which are affected by this work.
4. The date of acceptance, at which the guarantee period shall begin, shall be established after the Owner's and Architect's review determines that the plants meet the specified requirements for species, quality, size, quantity, proper planting procedures, and plant location, and the Owner has possession of the detailed plan maintenance instructions as specified herein. The Contractor shall notify the Architect after all plantings have been completed that the review herein referenced can be scheduled. Upon verification by the Architect and Owner that these requirements have been met, the Architect shall so notify the Contractor in writing to establish. this date.
5. All plants, including replacement plants, that have been found to be dead, dying, or of poor appearance shall be immediately removed and the Owner notified. Replacement of trees and large shrubs shall be made at the beginning of the next planting season and shall be guaranteed for its full growing season. Replacement of small shrubs and ground covers shall be made within 30 days following the inspection that determined the required replacement. The Owner shall be notified prior to all replacement work.
6. The Contractor shall furnish the Owner a written and detailed description for the care and maintenance of the plants in accordance with each species. Such instructions shall include, but not necessarily be limited to, specific instructions for the methods, frequency, and types of products for inspections, weed control, fertilization, insect and disease control, pruning, mulching, watering, and replacement planting of all types of plant life included n this Contract. Such instruction shall accompany the Contractor's request for final review, for establishing date of acceptance of plants, shall be subject to Architect's review, and shall be in the possession of the Owner prior to the date of final acceptance of the work.
7. It is the Owner's responsibility to properly maintain the plants after the date of acceptance.
8. Substitutions will be permitted only upon submission of proof that any specified plant is not obtainable and must be requested in writing to the Landscape Architect.
9. The Landscape Architect reserves the right to select plant materials in the nursery and to reject any materials at any time prior to final acceptance that do not meet the standards set forth.
10. Maintenance shall begin immediately after the work is installed and shall continue until the date of acceptance. Shall include all labor, equipment, and materials necessary for watering, weeding, pruning, fertilizing, disease and insect treatment, resetting of plants to proper grade or upright position, spraying with anti-desiccant, and any other necessary operations.
11. Upon completion of the work, remove from the site all equipment and other articles used and leave the areas in a clean and neat condition with no construction debris present. Cleaning requirements also include cleaning of walks, drives, planter walls and building facades which have been affected by planting operations.
12. Plants shall have a habit of growth that is normal for the species and shall be healthy and vigorous. They shall be measured before pruning with branches in normal position. Any necessary pruning shall be done at time of planting. Requirements for measurement, branching, grading, quality, bare root plants, container grown plants, and balling and burlapping of plants shall follow the standard currently recommended by the 1986 edition of the American Standard for Nursery Stock published by the American Association of Nurserymen, Inc. Where plant sizes are given in a range, the plants provided shall average the median size or better.
13. Fertilizer shall be 12-6-6 or 12-4 -8 certified analysis premium grade fertilizer with trade elements or approved equal. Analysis shall be certified for the State in which it is to be used. It shall be delivered to the site in unopened, original containers each bearing the manufacturer's guaranteed analysis. Any fertilizer which has become caked or otherwise damaged shall not be accepted. Fertilizer for the planting soil mixture shall be 0-20-0 superphosphate.
14. Soil used for planting beds and backfill around all new plants shall be prepared planting soil. Planting soil shall be native soil which is well tilled and friable, free of clumps, rocks, or other debris and evenly mixed with 0-20-0 superphosphate at the rate of 3 pounds per cubic yard and lime at a rate which will result in a soil pH of 6.0-6.5 for plants except ericaceous plants which a pH of 5.0-5.5 is required.
15. Sand shall be clean creek sand.
16. Well rotted wood compost shall be bark or sawdust or peat moss. Bark or sawdust shall have been allowed to compost and age for at least 12 months and shall be at least 80 percent decomposed. Peat shall be horticultural peat moss composed of not less than 80 percent decomposed organic matter by dry weight.
17. Mulch shall be free of debris and foreign matter and shall be aged shredded hardwood bark, free of wood chips and shall be maintained at a depth of 3" until final acceptance. No plantings shall remain without mulch for a period of more than 48 hours and will be thoroughly soaked with water at time of installation to avoid displacement.
18. Guywire shall be galvanized 9 gate, stranded wire. Turnbuckles shall be galvanized and shall have screws of 1/4" diameter or larger.
19. Rubberhose shall be nominal 1/2" diameter rubber garden hose of either black or dark green color. Bright colors of green shall not be used. Shall be used where guy wire comes in contact with tree and shall be minimum 12" length.
20. Treated wood stakes shall be wood for attaching guy wire tree supports. Stakes shall be 24" x 2" x 2" for trees of 3" caliper or less and shall be 36" x 2" x 4" for trees with calipers of more than 3".
21. Tree wrap shall be an approved commercial brown paper tree wrapping material with crepe surface, composed of 2 layers cemented together with asphaltum, or tied off with cotton twine.
22. Protective spray for evergreen shrubs and trees shall be an approved anti-desiccant. Anti-desiccant shall be WILT-PRUF by NURSERY SPECIALTY PRODUCTS, INC., 410 Greenwich Avenue, Greenwich, Connecticut 06830, or approved equal.
23. Pre-emergent Herbicide shall be EPTAM granular from as manufactured by the STOUFFER CHEMICAL COMPANY, 8582 Katy Freeway, Suite 200, Houston, Texas 77024 or RONSTAR G, by RHONE-POULENC, INC., Monmouth Junction, New Jersey 08852, or TREFLAN by ELANCO PRODUCTS COMPANY, a division of Eli Lilly & Company, 7040 South Alabama Street, Indianapolis, Indiana 46285, or an approved equal.
24. All products shall be properly prepared before and shipped in such a manner so as to prevent damage and contamination.
25. Plans which cannot be planted immediately on delivery to the Project shall have roots covered with moist soil, or other protection from drying winds and sun. All plants shall be watered as necessary until planted.
26. Locations for all plants and outlines of areas to be planted as beds shall be marked on the ground, before any excavation is made for review by the Landscape Architect. Layout shall conform to that indicated.
27. The Contractor shall be responsible for adequate drainage from all plants. If during the planting operation the Contractor determines that conditions are such that drainage is necessary, he shall notify the Architect, and shall provide the required drainage as part of the work of this Section. All planting islands contained within curbing area to be crowned a minimum of 6" with approved topsoil prior to planting.
28. Prior to planting and/or mulching in areas other than lawn areas, an approved pre-emergent herbicide is to be applied per manufacturer's instructions.
29. Planting Pits shall be circular in outline and shall have vertical sides and crowned bottom s with surface broken and scored to facilitate root penetration. The minimum depth of pits shall be measured from finished grades.
30. All plants shall be centered in pits on prepared soil to such depths that the finished grade level of the plant after settlement shall be the same as that at which the plant was grown. They shall be planted upright and faced to give the beast appearance and relationship to adjacent surroundings. No burlap shall be pulled out form under the balls, remove from top 1/3 of plant ball only. Platform, wire, and surplus binding from top and sides of the balls shall be removed. All broken and frayed roots shall be cut off cleanly. Prepared planting soil shall be placed and carefully compacted to avoid injury to roots and fill all voids. When the hole is nearly filled, add water as necessary and allow it to soak away. Fill the hole to finish grade, allowing for mulch, and form a shallow saucer around each plant by placing a ridge of planting soil around the pit edge. All plants in containers shall have containers removed before planting.
31. For plants installed during the fall or winter, surface applications of fertilizer shall be provide during the following month of March.
32. Fertilizer shall be applied to the surface of planted areas at the rate of 2 pounds per 100 square feet.
33. All trees shall be protected to a height of 5' above finished grade or to the second branch, whichever is lower, with the approved tree wrapping product.
34. Treated wood stakes and wire guys with hose on guy wire at points of contact with tree shall be provided to stabilize tree in an upright growing position as shown. Wire guys on trees of 3-1/2" caliper or less shall be twisted taut. Wire guys on trees 4" caliper and above shall have turnbuckles added to assist in making the guy wires taut.
35. All broadleaf evergreen trees and large shrubs to be planted shall be sprayed with an anti-desiccant during the period of November 15 to December 15. Spraying shall be in accordance with spray manufacturer's instructions.

GRASSING:

1. The site when ready for this Work will be at finished grade and this grade shall be maintained. Slight grade adjustments may be necessary for the grassing contractor to maintain proper drainage.
2. The Contractor shall guarantee a live and vigorous stand of permanent grass at the time of acceptance of the Work consisting of 90% coverage minimum for seeded grass (no bare spots greater than 1 square foot, the total of which shall not exceed 10 percent of the lawn area).
3. Fertilizer shall be a commercial fertilizer delivered to the site in unopened original containers each bearing the manufacturer's guaranteed analysis. Any fertilizer which becomes caked or otherwise damaged shall not be accepted. Fertilizer shall contain a 10-10-10 ratio of nitrogen, phosphate, and potash. Quantity shall be 1,100 pounds per acre (25 pounds per 1,000 square feet).
4. All seed shall be 99 percent pure, 85 percent germination (tested within six (6) months of planting). See shall be Rebel Fescue. Quantity shall be 400 pounds per acre. (Eight pounds per 1,000 square feet.) Between October 1st and February 1st, provide an additional three pounds of Annual rye per 1,000 square feet, thoroughly mixed with the Rebel Fescue.
5. Mulch shall be weed-free grain straw or hay. Quantity for grain straw shall be 3,300 pounds per acre (approximately 75 pounds per 1,000 square feet).
7. Lime is to be spread evenly at the rate of 3,300 pounds per acre (approximately 75 pounds per 1,000 square feet) and worked into the soil by plowing and cross plowing all lawn areas to a minimum depth of 6 inches. Pulverize the soil with a roller type pulverizer with 4" tines. Hand rake the soil to level and to remove loose stones, and other debris leaving a smooth friable condition suitable for seeding.
8. Apply fertilizer uniformly at the specified rate with an approved distributor, prior to seeding. Fertilizer shall be worked into the top 3"-4" of the soil.
9. Seeding shall be with the soil moist, but not wet. Shall be broadcast by means which will insure a uniform distribution and thorough coverage of the entire lawn area. Seed shall be covered lightly (1/4 inch) and rolled with a listh roller or cultipacker to firm the seed in the soil. The specified mulch shall be applied to the seeded area evenly and lightly. Areas which do not show a prompt "catch", or may have been washed, shall be reseeded to give thorough coverage.
10. The Contractor shall be furnished water and shall sufficiently irrigate the seeded areas to maintain a continually moist condition until the seed has germinated and become well established. Watering shall continue to assure maximum survival of grass through date of acceptance of Work.
11. The Contractor shall conduct mowing operations as necessary to keep the lawn in a neat and well groomed appearance. The lawn shall only be cut when the grass and soil are dry, and not more than 50% of the total leaf and prior to acceptance, a final mowing shall be conducted if deemed necessary by the Owner. Mowing for Fescue shall be done with a rotary type mower set at 2-1/2" to 3 inches.
12. On completion of the Work, remove from the site all equipment and other articles used and leave the areas in a clean and neat condition.
13. The Contractor shall make inspections of the Work reporting to the Owner and the Landscape Architect the conditions of the Work. He shall advise the Owner regarding general care, weed control, fertilizing requirements and insect and disease control necessities. The Contractor shall call for a time for final inspection and shall notify the Owner.

Inspections for permanent lawns shall be up to the time of acceptance of the Work and shall be conducted once a week or as deemed appropriate.



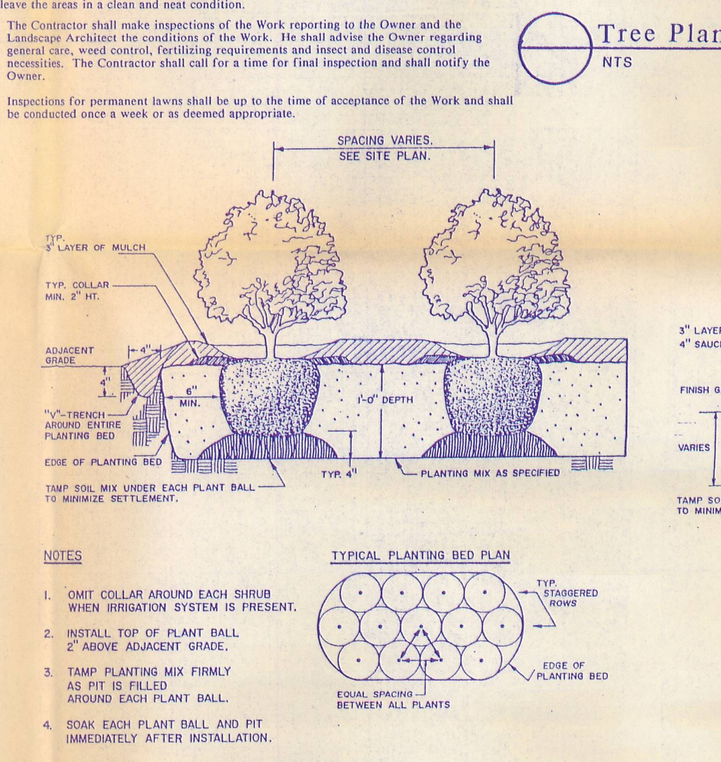
NOTES

1. MIN. 1/2"-WIDTH NYLON STRAPPING MAY BE SUBSTITUTED FOR SISAL ROPE AND RUBBER HOSE.
2. REMOVE ALL TREATED OR PLASTIC COATED BURLAP, WIRE OR NYLON TWINE FROM PLANT BALL.
3. INSTALL TOP OF PLANT BALL 3"-4" ABOVE FINISH GRADE.
4. SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.
5. WRAP TREES FROM GROUND TO LOWEST BRANCHES WITH BURLAP OR TREE WRAP PAPER. SECURE NEAR TOP AND BOTTOM WITH HEMP STRING ONLY.
6. LENGTH OF RUBBER HOSE TO BE 2/3 CIRCUMFERENCE OF TREE.

Tree Planting Detail
NTS

Plant Material Schedule

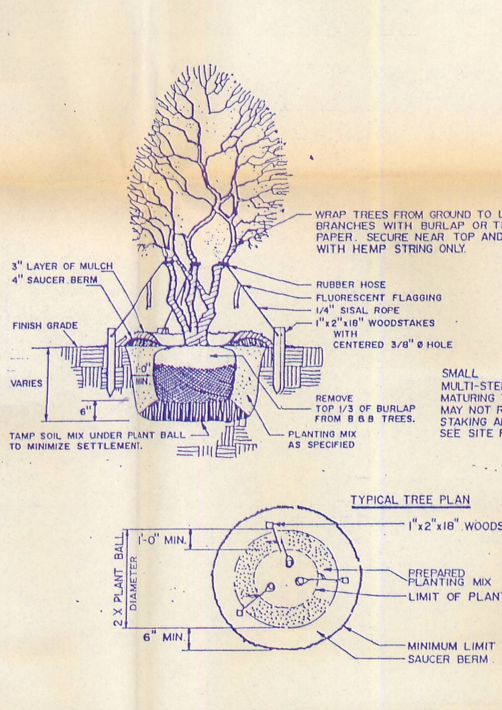
KEY	QUANT.	BOTANICAL NAME	COMMON NAME	SPACING	CALIPER	HEIGHT/SPREAD	REMARKS
AR	7	ACER RUBRUM	RED MAPLE 'OCTOBER GLORY'	SHOWN	2½"-2¾"	12'-14'	MATCHED, FULL CROWNS
AS	12	ACER SACCHARUM	SUGAR MAPLE 'BONFIRE'	35' OC	3"-3½"	12'-14'	MATCHED SPECIMENS
IA	6	ILEX ATTENUATA	FOSTERS HOLLY 'FOSTERS #2'	SHOWN		7'-8'	FULL TO GROUND
JV	55	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	SHOWN		8'-10'	
LI	9	LAGERSTROMIA INDICA	CRAPE MYRTLE 'CAROLINA BEAUTY'	10' OC		7'-8'	MULTI-STEM
MGC	2	MAGNOLIA GRANDIFLORA	MAGNOLIA 'HASSE'	SHOWN	2"-2½"	8'-10'	FULL, MATCHED
MGM	10	MAGNOLIA GRANDIFLORA	MAGNOLIA 'MARGARET DAVIS'	60' OC	2"-2½"	8'-10'	FULL TO GROUND, MATCHED
MC	54	MYRICA CERIFERA	WAX MYRTLE	SHOWN		4'-6'	FULL TO GROUND
PT	49	PINUS THUNBERGII	JAPANESE BLACK PINE	SHOWN		8'-10'	
PS	13	PRUNUS SERRULATA	KWANZAN CHERRY	35' OC	3"-3½"	10'-12'	MATCHED SPECIMENS
ZS	7	ZELKOVÉ SERRATA	ZELKOVÉ 'GREEN VASE'		2"-2½"	10'-12'	MATCHED, FULL HEADS
EP	139	ELEAGNUS PUNGENS	ELEAGNUS 'FRUITLANDI'	4½' OC		24"-30"	CONT.
IDB	94	ILEX CORNUTA	DWARF BURFORD HOLLY	4' OC		24"-30"	CONT.
IC	54	ILEX CORNUTA	CARISSA HOLLY	3' OC		12"-15"	CONT.
IR	50	ILEX CORNUTA	ROTUNDA HOLLY	3' OC		12"-15"	CONT.
ICC	69	ILEX CRENATA	COMPACTA HOLLY	3' OC		12"-15"	CONT.
IV	38	ILEX VOMITORIA	DWARF YAUPON HOLLY	3' OC		12"-15"	CONT.
JC	237	JUNIPERUS CHINENSIS	HICK'S COMPACT JUNIPER	4' OC		24"-30"	CONT. STAGGER ROWS
JCP	135	JUNIPERUS CHINENSIS	PARSONS JUNIPER	3½' OC		15"-18"	CONT.
~~LMB~~	~~504~~	~~LIRIOPE MUSCARI~~	~~BIG BLUE LIRIOPE~~	~~12" OC~~		~~½ GAL.~~	~~1 GAL. SPLITS, 6 BB MIN.~~
LMV	370	LIRIOPE MUSCARI	VARIGATED LIRIOPE	12" OC		½ GAL.	1 GAL. SPLITS, 6 BB MIN.



NOTES

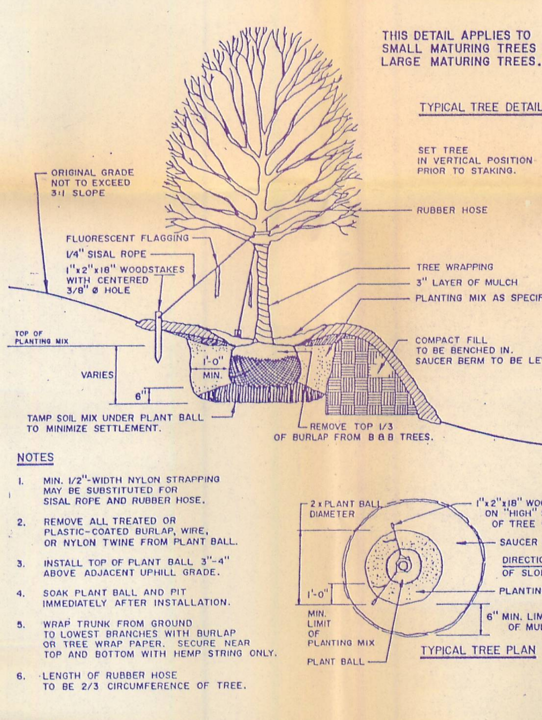
1. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
2. INSTALL TOP OF PLANT BALL 2" ABOVE ADJACENT GRADE.
3. TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.
4. SOAK EACH PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.

Shrub Bed Detail
NTS



Multi-Stem Tree Planting
NTS

THIS DETAIL APPLIES TO SMALL MATURING TREES AND LARGE MATURING TREES.



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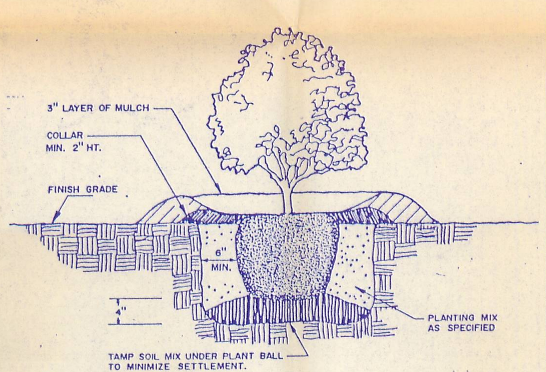
3. INSTALL TOP OF PLANT BALL 3"-4" ABOVE ADJACENT UPHILL GRADE.
4. SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.
5. WRAP TRUNK FROM GROUND TO LOWEST BRANCHES WITH BURLAP OR TREE WRAP PAPER. SECURE NEAR TOP AND BOTTOM WITH HEMP STRING ONLY.
6. LENGTH OF RUBBER HOSE TO BE 2/3 CIRCUMFERENCE OF TREE.

Tree Planting on Slope
NTS



NOTES

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4. SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.

Shrub Planting Detail
NTS

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Project: CANDLEWYCK FOOD LION CHARLOTTE, N.C.

Sheet Title: LANDSCAPE PLAN

V.P. In Charge: VRETTOS
Project Architect: GAMBLE
Drawn By
Date Drawn
Cadd Dwg. Name
Revisions
No. 2 Date 10 OCT 92
No. 3 Date 22 JUNE 93
No. Date
No. Date
Issue Date 9·22·92

Project Number 2609

Sheet L-2 Of 2

Released For Construction 10/22/92

THE SHARPE CO. 050771

CHARLOTTE - MECKLENBURG
PLANNING COMMISSION
INTER - OFFICE COMMUNICATION

DATE: August 13, 1993

TO: Robert Brandon
Zoning Administrator

FROM: Martin R. Cramton, Jr.
Planning Director

SUBJECT: Administrative Approval for Petition No. 90-92 by Crosland-Ervin
Tax Parcel No. 211-313-51

Attached is a revised landscape plan for the above mentioned petition. The plan has been revised to show additional evergreen shrubs along Lawton Bluff Road and Candlewyck Lane on top of the existing berms. The additional shrubs will help screen the parking lots from the public street and adjoining single family homes. The original plan had not included these shrubs because the screening was to be accomplished by the berm's height. However, due to site constraints and other factors the berms were not built as high as required. Therefore, the additional shrubs were required to increase the height. Since this change is minor, I am administratively approving this plan. Please use this plan when evaluating requests for building permits and certificates of occupancy.

MRCjr/KHM:mlj