

AGENDA
CARRBORO BOARD OF ALDERMEN
TUESDAY, JUNE 9, 1998
7:30 P.M., TOWN HALL BOARD ROOM

Approximate Time*

7:30 - 7:40 A. REQUESTS FROM VISITORS AND SPEAKERS FROM THE FLOOR

7:40 - 7:45 B. CONSENT AGENDA

(1) **Approval of Minutes of Previous Meeting: June 2, 1998**

(2) **Request to Set Public Hearing/CDBG Close-Out**

The purpose of this item is to request that the Mayor and Board of Aldermen set a public hearing for June 23, 1998 to receive public comment on the closet of the town's Community Development Block Grant.

(3) **Budget Amendment**

The purpose of this agenda item is to amend the 1997-98 fiscal year budget, transferring monies from non-departmental to the various operating accounts for service level benefits, merit increases and dependent health insurance coverage.

(4) **Request to Set Public Hearing/Voluntary Annexation/Kent Woodlands**

Carol Ann Zinn, representing CAZCO, Inc. has submitted a petition requesting the annexation of Kent Woodlands Subdivision. This subdivisions contains 14.015 acres, will contain 26 dwelling units, and is non-contiguous to the town limits.

7:45 - 7:55 C. RESOLUTIONS, PROCLAMATIONS AND CHARGES

D. PUBLIC HEARINGS

7:55 - 8:10 (1) **Street Closing Request/Weaver Street Market Birthday Celebration and Carrboro Music Festival**
NP

Weaver Street Market and the Carrboro Art Committee have submitted a Street Closing Permit Application for the temporary closing of:

100 block of East Weaver Street from the Main Street intersection to the Greensboro Street intersection from 10:00 a.m. to 10:30 p.m.

200 block of West Weaver Street from the Greensboro Street intersection to West Main Street intersection from 1:00 p.m. to 10:30 p.m.

on Sunday, June 21st to accommodate Weaver Street Market's birthday celebration from 10:30 a.m. to 1:00 p.m. and to accommodate the music festival from 1:30 to 9:30 p.m.

The administration recommends adoption of the attached resolution authorizing the requested street closings.

E. OTHER MATTERS

8:10 – 8:55
NP

(1) **Board Directs Manager to Prepare Revised Budget for 1998-99**

The purpose of this agenda item is for the Mayor and Board of Aldermen to arrive at consensus on the various proposed changes associated with the Manager's recommended budget for the 1998-99 fiscal year.

8:55 – 9:05
P/5

(2) **Baldwin Park Recreation Activities**

moved
The Board of Aldermen requested that the issue of recreational activities at Baldwin Park be placed on an agenda for discussion. The purpose of this item is for town staff to provide information in regards to this request.

9:05 – 9:15 BREAK

9:15 – 9:25
NP

(3) **Land Use Ordinance Text Amendment/Drive-In and Drive-Through Windows**

The Mayor and Board of Aldermen will consider adopting an ordinance that revised the permitted zones and permit requirements associated with businesses that include drive-in/through windows.

9:25 – 9:35
P/5

moved (4) **Conditional Use Permit Minor Modification/The Cedars at Bolin Forest**

Eric Chupp has applied for a minor modification of the conditional use permit for The Cedars at Bolin Forest to modify the approved setbacks. The approved conditional use permit setbacks for project differ from the standard setbacks of the R-15 zoning district. The administration recommends that the modification to the setbacks be approved as presented.

9:35 – 9:45
P/5

moved (5) **Conditional Use Permit Minor Modification/Sunset Creek Subdivision**

Jim Brandewie has applied for a minor modification of the conditional use permit for the Sunset Creek Subdivision to allow for a landscaping berm to be constructed along the project's frontage along Old Highway 86. The approved conditional use permit did not indicate that a berm was proposed. The administration recommends that the modification be approved as presented.

9:45 – 9:55
P/5

(6) **Conditional Use Permit Modification/Town Hall Tower**

Andrea Mansour, on behalf of Spring and AT&T, has applied for a minor modification of the conditional use permit for the existing telecommunication tower at Town Hall. The proposed modification is requesting to add two new antenna arrays to the existing tower, and two new concrete pads and equipment cabinets in the enclosed courtyard between the Fire Station and the Town Hall.

- 9:55 – 10:05
P/5
- (7) **Approval of Orange Regional Landfill Tipping Fee Schedule for 1998-99**
- The administration recommends adoption of the attached resolution, which approves the Orange Regional landfill tipping fee schedule for the 1998-99 fiscal year.
- 10:05 – 10:20
NP
- (8) **Discussion of Orange County Board of Commissioners' Letter/Solid Waste Issues**
- The Mayor and Board of Aldermen will discuss a letter from the Chair of the Orange County Board of Commissioners concerning solid waste issues.
- 10:20 – 10:30
P/5
- (9) **Authorization to Proceed with Construction Drawings/Town Center**
- The purpose of this item is to authorize the architect to proceed to the construction drawing phase on the Town Center and to amend the construction budget based upon the current construction estimate.
- 10:30 – 10:35 F. **MATTERS BY TOWN CLERK**
- 10:35 – 10:45 G. **MATTERS BY TOWN MANAGER**
- 10:45 – 10:55 H. **MATTERS BY TOWN ATTORNEY**
- 10:55 – 11:05 I. **MATTERS BY BOARD MEMBERS**

*The times listed on the agenda are intended only as general indications. Citizens are encouraged to arrive at 7:30 p.m. as the Board of Aldermen at times considers items out of the order listed on the agenda.

BOARD OF ALDERMEN

ITEM NO. B(2)

AGENDA ITEM ABSTRACT

MEETING DATE: June 9, 1998

**SUBJECT: REQUEST TO SET PUBLIC HEARING TO CLOSEOUT CDBG GRANT
94-C-8358**

DEPARTMENT: MANAGER'S OFFICE	PUBLIC HEARING: YES ___ NO <u>x</u>___
ATTACHMENTS:	FOR INFORMATION CONTACT: James Harris 968-7700

PURPOSE:

The purpose of this item is to set a public hearing for June 23, 1998 to receive public comment on the closeout of scattered site rehabilitation project number 94-C-8358 in the amount of \$400,000.

ANALYSIS:

In accordance with 4 NCAC 19L.0913(j) a public hearing is required prior to the close out of community development block grant projects. The purpose of the hearing is to receive public comment on the project. The proper notices will be published in a local paper prior to holding this hearing.

RECOMMENDATION:

The administration recommends that the Board set the public hearing for June 23. 1998.

BOARD OF ALDERMEN

ITEM NO. B(3)

AGENDA ITEM ABSTRACT

MEETING DATE: June 9, 1998

SUBJECT: Budget Amendment

DEPARTMENT: Administrative Services	PUBLIC HEARING: YES ___ NO <u>X</u>
ATTACHMENTS: Ordinance	FOR INFORMATION CONTACT: Sheila Lee, 968-7732

PURPOSE

The purpose of this agenda item is to amend the 1997-98 fiscal year budget, transferring monies from non-departmental to the various operating accounts for service level benefits, merit increases and dependent health insurance coverage.

SUMMARY

The attached budget amendment provides for the following:

- transfer of non-departmental funds to operating accounts for service level benefits;
- transfer of non-departmental funds to operating accounts for merit increases;
- transfer of non-departmental funds to operating accounts for dependent health insurance.

ACTION REQUESTED

Adoption of the attached budget ordinance amendment.

The following ordinance was introduced by Alderman _____ and duly seconded by Alderman _____.

AN ORDINANCE AMENDING FY'97-98 BUDGET ORDINANCE

WHEREAS, the Town Board of the Town of Carrboro on June 24, 1997 adopted the annual budget for the fiscal year beginning July 1, 1997 and ending June 30, 1998; and

WHEREAS, it is appropriate to amend the expense accounts in the funds listed to provide for increased expenses for the reasons stated.

NOW, THEREFORE, BE IT ORDAINED, that in accordance with authority contained in G.S. 159-15, the following expense and revenue accounts are amended as shown and that the total amount for the funds are herewith appropriated for the purposes shown:

FUND	ACCOUNT TITLE	ACCOUNT NO.	INCREASE DECREASE	AMOUNT	FROM	TO
General	Town Manager	10-420	INCREASE	\$ 585	\$ 208,763	\$ 209,588
General	Town Clerk	10-426	INCREASE	\$ 525	\$ 72,827	\$ 73,352
General	Admin. Services	10-445	INCREASE	\$ 450	\$ 595,340	\$ 595,790
General	Police	10-510	INCREASE	\$ 6,025	\$1,649,695	\$1,655,720
General	Fire	10-530	INCREASE	\$ 2,490	\$ 925,840	\$ 928,330
General	Planning	10-540	INCREASE	\$ 1,250	\$ 687,695	\$ 688,945
General	Public Works	10-550	INCREASE	\$ 6,050	\$2,296,922	\$ 2,302,972
General	Recreation and Parks	10-600	INCREASE	\$ 1,475	\$ 629,966	\$ 631,441
General	Non-Departmental	10-660	DECREASE	\$ 18,850	\$ 20,000	\$ 1,150

REASON: to transfer funds appropriated for service benefit adjustments to the various operating departments.

FUND	ACCOUNT TITLE	ACCOUNT NO.	INCREASE DECREASE	AMOUNT	FROM	TO
General	Board of Aldermen	10-410	INCREASE	\$ 937	\$ 135,179	\$ 136,116
General	Town Clerk	10-426	INCREASE	\$ 87	\$ 73,352	\$ 73,439
General	Police	10-510	INCREASE	\$ 3,284	\$1,655,720	\$1,659,004
General	Fire	10-530	INCREASE	\$ 6,316	\$ 928,330	\$ 934,646
General	Planning	10-540	INCREASE	\$ 8,638	\$ 688,945	\$ 697,583
General	Public Works	10-550	INCREASE	\$ 4,825	\$2,302,972	\$2,307,797
General	Recreation and Parks	10-600	INCREASE	\$14,313	\$ 631,441	\$ 645,754
General	Non-Departmental	10-660	DECREASE	\$38,400	\$ 38,400	\$ 0

REASON: to transfer funds appropriated for merit increases to the various departments.

FUND	ACCOUNT TITLE	ACCOUNT NO.	INCREASE DECREASE	AMOUNT	FROM	TO
General	Town Manager	10-420	INCREASE	\$ 1,310	\$ 209,588	\$ 210,898
General	Town Clerk	10-426	INCREASE	\$ 1,021	\$ 73,439	\$ 74,460
General	Admin. Services	10-445	INCREASE	\$ 2,100	\$ 595,790	\$ 597,890
General	Police	10-510	INCREASE	\$ 8,994	\$1,659,004	\$1,668,998
General	Fire	10-530	INCREASE	\$ 6,001	\$ 934,646	\$ 940,647
General	Planning	10-540	INCREASE	\$ 4,386	\$ 697,583	\$ 701,969
General	Public Works	10-550	INCREASE	\$ 8,934	\$2,307,797	\$2,317,731
General	Recreation and Parks	10-600	INCREASE	\$ 1,254	\$ 645,754	\$ 647,008
General	Non-Departmental	10-660	DECREASE	\$34,000	\$ 34,000	\$ -0-

REASON: to distribute funds appropriated in the 1997-98 year for dependent health insurance to the various operating departments.

The foregoing ordinance having been submitted to a vote, received the following vote and was duly adopted this ____ day of _____, 1998.

Ayes:

Noes:

Absent or Excused:

The following ordinance was introduced by Alderman Alex Zaffron and duly seconded by Alderman Jacquelyn Gist.

AN ORDINANCE AMENDING FY'97-98 BUDGET ORDINANCE
Ordinance No. 31/97-98

WHEREAS, the Town Board of the Town of Carrboro on June 24, 1997 adopted the annual budget for the fiscal year beginning July 1, 1997 and ending June 30, 1998; and

WHEREAS, it is appropriate to amend the expense accounts in the funds listed to provide for increased expenses for the reasons stated.

NOW, THEREFORE, BE IT ORDAINED, that in accordance with authority contained in G.S. 159-15, the following expense and revenue accounts are amended as shown and that the total amount for the funds are herewith appropriated for the purposes shown:

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REASON: to transfer funds appropriated for merit increases to the various departments.

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General	Recreation and Parks	10-600	INCREASE	\$ 1,254	\$ 645,754	\$ 647,008
General	Non-Departmental	10-660	DECREASE	\$34,000	\$ 34,000	\$ -0-

REASON: to distribute funds appropriated in the 1997-98 year for dependent health insurance to the various operating departments.

The foregoing ordinance, having been submitted to a vote, received the following vote and was duly adopted this 17th day of June, 1998:

Ayes: Hilliard Caldwell, Michael Nelson, Diana McDuffee, Jacquelyn Gist, Alex Zaffron. Allen Spalt

Noes: None

Absent or Excused: Hank Anderson

BOARD OF ALDERMEN

ITEM NO.: B(4)

AGENDA ITEM ABSTRACT

MEETING DATE: JUNE 09, 1998

SUBJECT: REQUEST TO SET A PUBLIC HEARING: VOLUNTARY ANNEXATION OF KENT WOODLANDS SUBDIVISION

DEPARTMENT: PLANNING DEPARTMENT	PUBLIC HEARING: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ATTACHMENTS: PETITION FOR ANNEXATION DEED DESCRIPTION LOCATION MAP RESOLUTION	FOR INFORMATION CONTACT: ROY M. WILLIFORD, 968-7713
THE FOLLOWING INFORMATION IS PROVIDED:	
(X) PURPOSE	(X) ACTION REQUESTED
() SUMMARY	() ANALYSIS
	(X) RECOMMENDATION

PURPOSE:

Carol Ann Zinn, representing CAZCO, Inc., submitted a PETITION FOR ANNEXATION. The PETITION FOR ANNEXATION requests that Kent Woodlands Subdivision be annexed into the Town. The Kent Woodlands Subdivision consists of 14.015 acres. The 14.015 acres to be annexed is non-contiguous to the Town of Carrboro, is tax map reference 7.122.B.16 and will have 26 dwelling units.

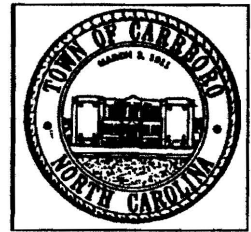
ACTION REQUESTED:

The Board of Aldermen is requested to set a public hearing for June 23, 1998 to consider the PETITION FOR ANNEXATION submitted by Carol Ann Zinn.

RECOMMENDATION:

The Administration recommends that the Board of Aldermen adopt the attached resolution which sets a public hearing date for June 23, 1998.

TOWN OF CARRBORO



PETITION FOR ANNEXATION OF NON-CONTIGUOUS PROPERTY

TO THE BOARD OF ALDERMEN OF THE TOWN OF CARRBORO:

1) THE UNDERSIGNED, BEING THE OWNER OF ALL REAL PROPERTY LOCATED WITHIN THE AREA DESCRIBED IN PARAGRAPH #2 BELOW, REQUESTS THAT SUCH AREA BE ANNEXED TO THE TOWN OF CARRBORO, NORTH CAROLINA.

2) THE AREA TO BE ANNEXED IS NON-CONTIGUOUS TO THE TOWN OF CARRBORO, AND IS LOCATED AT 102 Colbreth Rd. AND TAX MAP REFERENCED 7.122.8.16 THE BOUNDARIES OF SUCH TERRITORY ARE AS SHOWN ON THE METES AND BOUNDS DESCRIPTION ATTACHED HERETO.

3) A MAP (NO LARGER THAN 18" X 24") OF THE FOREGOING PROPERTY, SHOWING ITS RELATIONSHIP TO THE EXISTING CORPORATE LIMITS OF THE TOWN, IS ALSO ATTACHED HERETO.

4) THE TOTAL ACREAGE AND DWELLINGS UNITS LOCATED ON THIS PROPERTY ARE AS FOLLOWS:

14.015 ACRES 26 DWELLING UNITS

RESPECTFULLY SUBMITTED THIS 4th DAY OF JUNE, 1998.

NAME:	<u>CAZCO, Inc.</u>
ADDRESS:	<u>1-B 180 PROVIDENCE RD.</u>
	<u>CHAPEL HILL NC 27514</u>
OWNER/PRESIDENT:	<u>CAROL ANN ZINN, PRES.</u>

ATTEST: [Signature] SECRETARY

I, Sarah W. Williamson, Town Clerk of the Town of Carrboro, do hereby certify that the sufficiency of the above-reference petition has been checked and found to be in compliance with G.S. 1601-31.

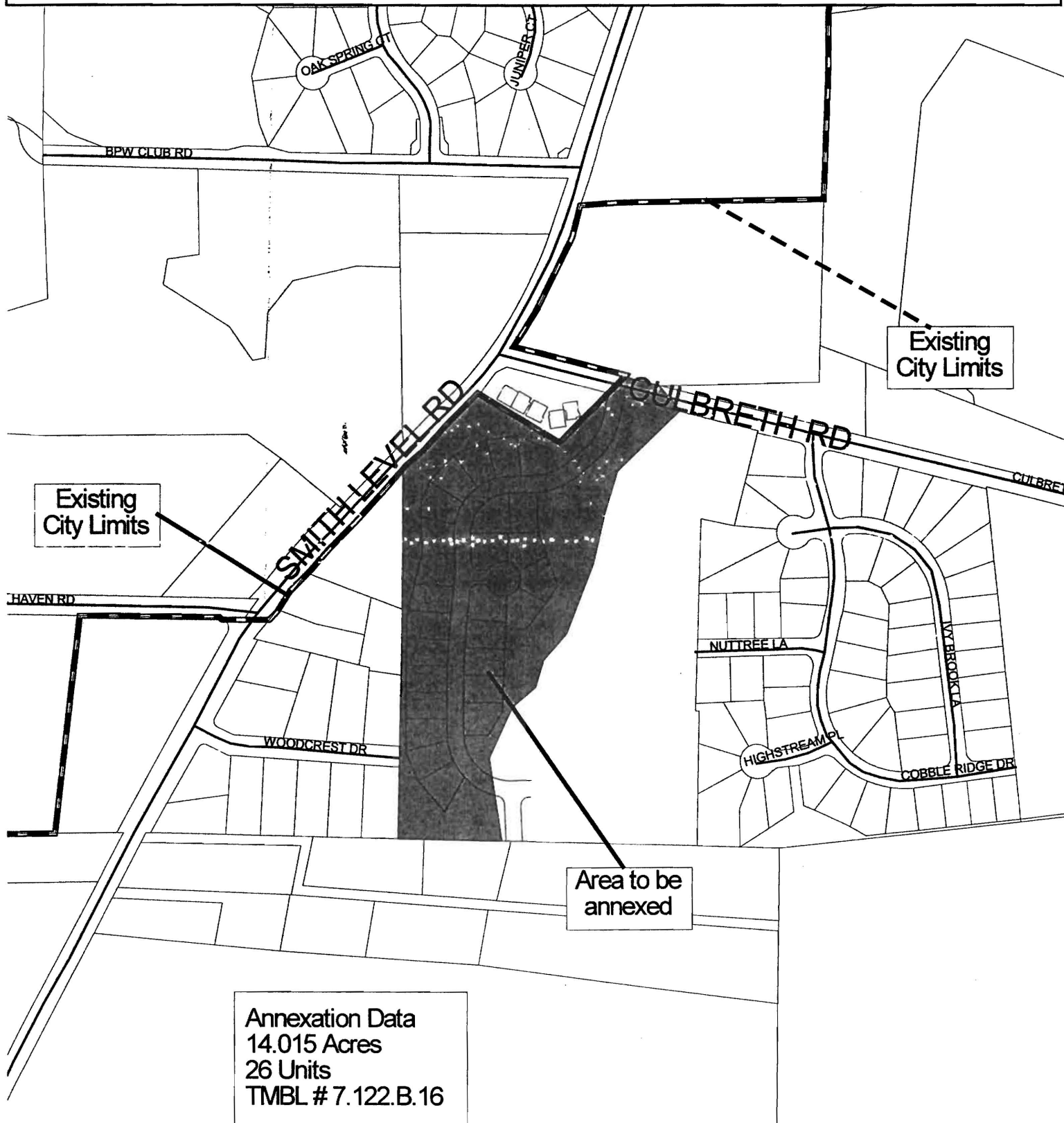
This the 5th day of June, 19 98.

TOWN CLERK: Sarah C. Williamson

METES AND BOUNDS DESCRIPTION

BEGINNING at a point where the northern right of way of Culbreth Road intersects the Northeast corner of that property known as "Teal Place" which was previously annexed by the Town of Carrboro, and proceeding from said point across the Culbreth Road right of way South 13° 36' 00" East 30.00 feet to a point; thence proceeding South 48° 00' 00" West 36.36 feet to an existing iron pipe; thence proceeding South 50° 08' 15" West 189.89 feet to an existing iron pipe, and proceeding thence North 59° 45' 56" West 278.78 feet to a point; proceeding thence with the right-of-way of Smith Level Road South 43° 45' 59" West 84.72 feet to a point; proceeding thence with the said right-of-way South 48° 33' 36" West 250.15 feet to a point; proceeding thence South 02° 24' 13" West 326.42 feet to an existing iron pipe; proceeding thence South 01° 58' 14" West 89.76 feet to an existing iron pipe; proceeding thence South 04° 12' 53" West 195.78 feet to an existing iron pipe; proceeding thence South 03° 29' 37" West 479.83 feet to a point; proceeding thence South 85° 11' 16" East 319.86 feet to a point which is located in the jurisdictional line between the Towns of Carrboro and Chapel Hill, and proceeding along and with said line as it is described in the Ordinance to Annex Area 4 (Cobble Ridge/Culbreth Road), effective June 30, 1995 to a point in the intersection with the Southern right-of-way of Culbreth Road; and proceeding across said right of way 60 feet +/- to the Southwestern corner of Lot 15 (H) (Tax Map 122, Block B); thence proceeding with the Northern right of way of Culbreth Road in a northwesterly direction to the point and place of BEGINNING.

LOCATION MAP ANNEXATION Phase 2 Kent Woodlands



" This map is not a certified survey and no reliance may be placed in its accuracy."

Craig M. Harmon

Craig M. Harmon, GIS Specialist

The following resolution was introduced by Alderman ____ and duly seconded by Alderman ____.

**A RESOLUTION SETTING A PUBLIC HEARING TO CONSIDER THE
ANNEXATION OF
THE KENT WOODLANDS SUBDIVISION
UPON THE REQUEST OF THE PROPERTY OWNERS
Resolution No. 49/97-98**

WHEREAS, the Town of Carrboro has received a petition from the owner(s) of the Kent Woodlands Subdivision requesting that their property be annexed into the Town of Carrboro; and

WHEREAS, the Town Clerk has certified that the petition requesting the annexation of this property is sufficient in all respects under G.S. 160A-31.

NOW, THEREFORE, THE BOARD OF ALDERMEN OF THE TOWN OF CARRBORO RESOLVES:

Section 1. The Board of Aldermen hereby accepts this petition and shall hold a public hearing on June 23, 1998 to consider the voluntary annexation of this property.

Section 2. The Town Clerk shall cause a notice of this public hearing to be published once in the Chapel Hill News at least ten (10) days prior to the date of the public hearing.

Section 3. This resolution shall become effective upon adoption.

The foregoing resolution having been submitted to a vote, received the following vote and was duly adopted this 9nd day of June, 1998:

Ayes:

Noes:

Absent or Excused:

The following resolution was introduced by Alderman Alex Zaffron and duly seconded by Alderman Jacquelyn Gist.

**A RESOLUTION SETTING A PUBLIC HEARING TO CONSIDER
THE ANNEXATION OF
THE KENT WOODLANDS SUBDIVISION
UPON THE REQUEST OF THE PROPERTY OWNERS
Resolution No. 49/97-98**

WHEREAS, the Town of Carrboro has received a petition from the owner(s) of the Kent Woodlands Subdivision requesting that their property be annexed into the Town of Carrboro; and

WHEREAS, the Town Clerk has certified that the petition requesting the annexation of this property is sufficient in all respects under G.S. 160A-31.

NOW, THEREFORE, THE BOARD OF ALDERMEN OF THE TOWN OF CARRBORO RESOLVES:

Section 1. The Board of Aldermen hereby accepts this petition and shall hold a public hearing on June 23, 1998 to consider the voluntary annexation of this property.

Section 2. The Town Clerk shall cause a notice of this public hearing to be published once in the Chapel Hill News at least ten (10) days prior to the date of the public hearing.

Section 3. This resolution shall become effective upon adoption.

The foregoing resolution having been submitted to a vote, received the following vote and was duly adopted this 9th day of June, 1998:

Ayes: Alex Zaffron, Hilliard Caldwell, Michael Nelson, Diana McDuffee, Jacquelyn Gist, Allen Spalt

Noes: None

Absent or Excused: Hank Anderson

BOARD OF ALDERMEN

ITEM NO. D(1

AGENDA ITEM ABSTRACT

MEETING DATE: June 9, 1998

SUBJECT: PUBLIC HEARING - STREET CLOSING APPLICATION

EVENTS: Weaver Street Market Birthday Celebration & Fete de la Musique (Carrboro Music Festival)

DEPARTMENT: PUBLIC WORKS DEPT.	PUBLIC HEARING: YES
ATTACHMENTS: Street Closing Application Sketch DDC Recommendation	FOR INFORMATION CONTACT: Chris Peterson 968-7716 James Harris 968-7700
THE FOLLOWING INFORMATION IS PROVIDED:	
(X) Purpose	() Summary
() Recommendation	(X) Action Requested
(X) Analysis	

Purpose

Weaver Street Market and the Carrboro Art Committee have submitted a Street Closing Permit Application for the temporary closing of:

- 100 block of East Weaver Street from the Main Street intersection to the Greensboro Street intersection from 10:00 a.m. to 10:30 p.m.
- 200 block of West Weaver Street from the Greensboro Street intersection to West Main Street intersection from 1:00 p.m. to 10:30 p.m.

on Sunday, June 21 to accommodate Weaver Street Market's birthday celebration from 10:30 a.m. to 1:00 p.m. and to accommodate the music festival from 1:30 to 9:30 p.m.

In accordance with Section 7-19 of the Town Code, a Public Hearing must be held to receive public input prior to issuing a Street Closing Permit.

Analysis

The Public Works Department shall provide temporary traffic control devices on the day of the closing (cones, barricades and signs). Event sponsor shall be responsible for the labor cost of \$ 300.

The Event Sponsor shall be responsible for reimbursing the Town for the actual cost of utilizing off-duty Police Officers to manage traffic control and provide security; actual cost will depend upon which officers are assigned on the event day; estimated cost \$800

The Public Works Department shall provide a portable dumpster for waste collection and recycling containers for recycling; the Event Sponsor shall be responsible for providing cardboard recycling

The Town will coordinate the placement of portable toilets; the Event Sponsor shall be responsible for reimbursing the Town for the actual cost

The Event Sponsor shall be responsible for the removal of waste from the closed portions of East and West Weaver Street and the associated right-of-way areas prior to re-opening; streets can not be re-opened until clear of all debris and event structures, i. e. booths

The Event Sponsor shall notify Central Communications, prior to and on the event day, when the streets are closed and when reopened.

Action Requested

To approve the Street Closing Permit Application by the adoption of the attached Resolution.

**A RESOLUTION AUTHORIZING THE TEMPORARY CLOSING OF
PORTIONS OF EAST WEAVER STREET AND WEST WEAVER STREET
TO ACCOMMODATE WEAVER STREET MARKET'S BIRTHDAY CELEBRATION
AND THE FETE DE LA MUSIQUE (FESTIVAL OF MUSIC)**

Resolution No. 50/97-98

THE BOARD OF ALDERMEN OF THE TOWN OF CARRBORO RESOLVES:

Section 1. The following streets shall be temporarily closed on Sunday, June 21 during the specified times and events:

1. 100 block of East Weaver Street from the Main Street intersection to the Greensboro Street intersection from 10:00 a.m. to 1:00 p.m. to accommodate Weaver Street Market's Birthday Celebration
2. 100 block of East Weaver Street from the Main Street intersection to the Greensboro Street intersection from 1:00 p.m. to 10:30 p.m. to accommodate the Fete de la Musique
3. 200 block of West Weaver Street from the Greensboro Street intersection to West Main Street intersection from 1:00 p.m. to 10:30 p.m. to accommodate the Fete de la Musique

Section 2. The Public Works Department shall provide temporary traffic control devices on the day of the closing (cones, barricades and signs) and the Event Sponsor shall be responsible for reimbursing the associated labor cost to the Town; estimated cost \$ 300.

Section 3. The Event Sponsor shall be responsible for reimbursing the Town the actual cost for utilizing off-duty Police Officers to manage traffic control; actual cost will depend upon which officers are assigned on the parade day.

Section 4. The Public Works Department shall provide a portable dumpster for waste collection and recycling containers for recyclables; Event sponsor shall provide for cardboard recycling.

Section 5. The Town will coordinate the placement of portable toilets; the Event Sponsor shall be responsible for reimbursing the Town for the actual cost.

Section 6. The Event Sponsor shall be responsible for the removal of waste and debris from the closed portions of East and West Weaver Street and the associated right-of-way areas prior to re-opening; streets can not be re-opened until clear of all debris and event structures, i. e. booths.

Section 7. The Event Sponsor shall be responsible for notifying Central Communications, prior to and on the event day, when the streets are closed and when reopened.

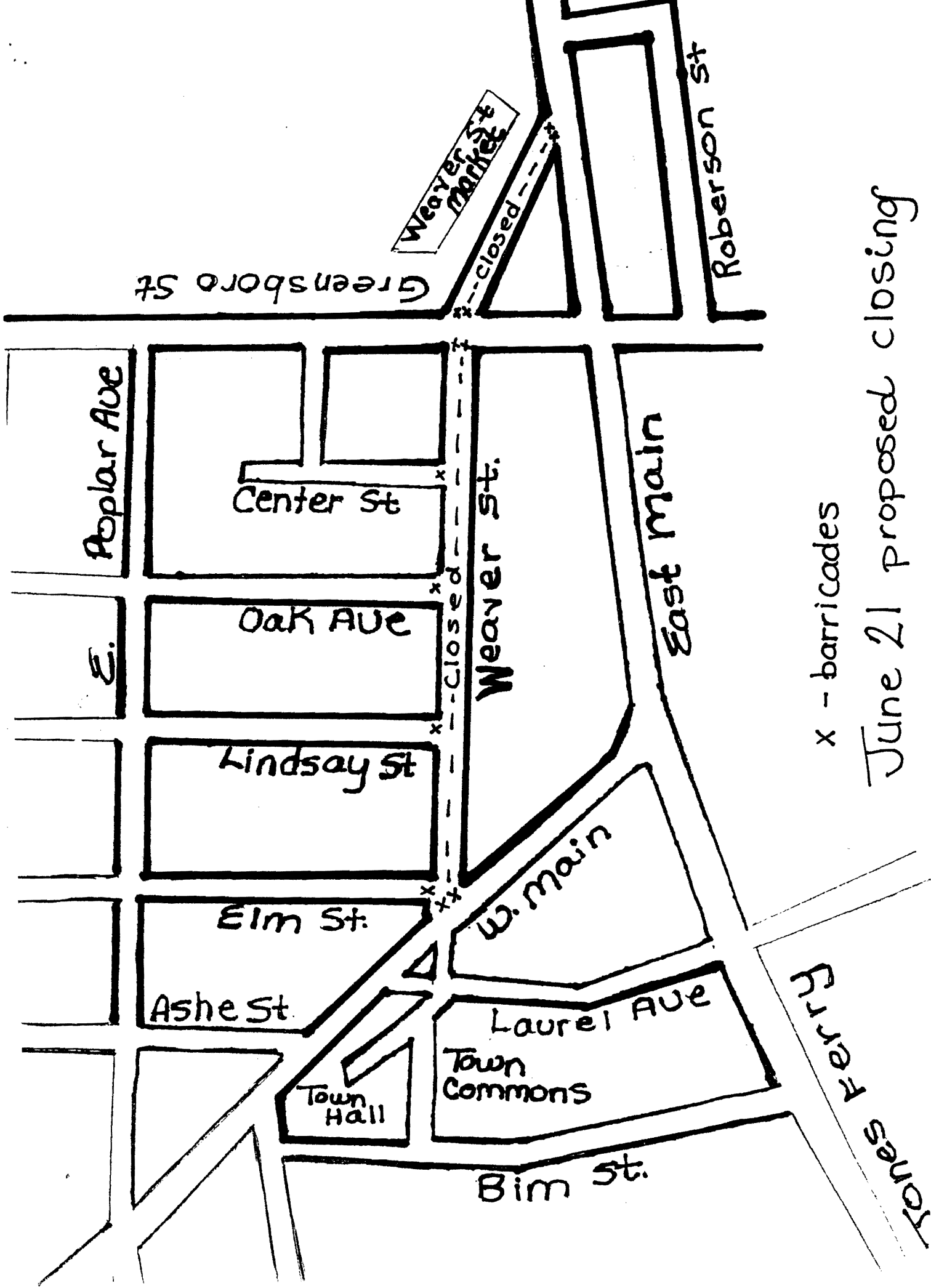
Section 8. This resolution shall become effective upon adoption.

This the 9th day of June 1998.

Ayes:

Noes:

Absent or Excused:



x - barricades

June 21 proposed closing

Townes Ferry

June 21st Weaver Street Mkt Birthday Celebration

Robinson St

Street

Main

Carrboro
Town
Center

Trade Place

Village
Lds

Hair
Salon

Tarheel
TV

Booth
A

Booth
B

Booth
C

Booth
D

Weaver Street

Carnival
area

Picnic
area

Band area

Weaver St. Market

Earthwares

Greensboro Street

Memorandum

DATE: May 29, 1998

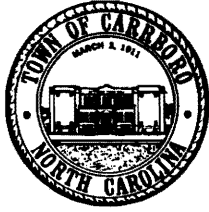
TO: Mayor and Carrboro Board of Aldermen

FROM: Marianna Fiorentino, Chair of DDC

RE: The Closing of Weaver Street for the Music Festival on June 21, 1998

cc: Robert W. Morgan, Town Manager

The DDC supports the closing of Weaver Street for the Music Festival on June 21, 1998. Any time we can close the streets for a festival is great for business, the exposure for our business community will be wonderful. The restaurant community will particularly benefit.



TOWN OF CARRBORO

NORTH CAROLINA

TRANSPORTATION ADVISORY BOARD

RECOMMENDATION

June 4, 1998

Motion: That the TAB approve the closing of Weaver Street on June 21, 1998 for the Weaver Street Market birthday celebration and the Fete de la Musique (Carrboro Music Festival). The TAB also recommends that an officer with the Carrboro Police Department be stationed at the North Greensboro Street/Weaver Street intersection to help pedestrians get across North Greensboro Street.

Moved: Ms. Shirley Marshall

Second: Ms. Ellen Perry

VOTE: Ayes (Lane, Marshall, Mochel, Perry), Noes (None)

Neal E. Mochel
TAB Chair

6 / 5 1998
DATE

BOARD OF ALDERMEN

ITEM NO. E(1)

AGENDA ITEM ABSTRACT

MEETING DATE: June 9, 1998

SUBJECT: 1998-99 Budget/Review of Decision Packages

DEPARTMENT: Administration	PUBLIC HEARING: YES ____ NO <u>x</u>
ATTACHMENTS: Budget Worksheet,	FOR INFORMATION CONTACT: Robert Morgan, 968-7706

PURPOSE

The purpose of this agenda item is to assist the Mayor and Board of Aldermen in arriving at consensus on the various proposed changes associated with the Manager's recommended budget for the 1998-99 fiscal year.

SUMMARY

The Board held budget worksessions on May 28th and June 4th to review the Manager's recommended budget and held a public hearing inviting public comment on June 2nd.

The staff has prepared the attached worksheet for the Board's use.

The staff is preparing responses to the Board's questions concerning the budget that arose during the June 4th budget worksession. Those responses will be made available to the Board on Monday evening.

ACTION REQUESTED

The administration requests direction on the changes that the Board would like to make in the Manager's recommended budget for 1998-99. Staff will incorporate those changes in a final budget ordinance, which will be presented along with the Pay Plan and Miscellaneous Fees and Charges Schedule for adoption at the Board's meeting on June 23rd.

The administration suggests reaching consensus, or voting, on each of the proposed additions to the continuation budget outlined on the attached worksheet.

BUDGET WORKSHEET

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED	OTHER FUNDS AVAILABLE	YES/ NO
BOARD'S POLICY GOALS			
[NOT INCLUDED IN MANAGER'S RECOMMENDED BUDGET]			
Increase Family Health Insurance to 40%	9,000		Y
Bolin Creek Study <i>is grant</i>	25,000		Y
Banning Recycables Study <i>✓</i>	25,000		N
Police Reserves	10,365		Y
Increase Salaries of School Crossing Guards	1,548		Y
Farmers' Market Parking (5,925 farmers' donation)	9,075	5,925	Y
Downtown Benches and Trash Cans <i>3,500</i>	7,000		Y
Remainder to Construct Bandstand	14,000		N
Lease purchase Town Commons Playground (3yrs./ 28,000) (7,350 Smart Start grant) <i>25,000</i>	0	7,350	Y
Town Hall Day	250		Y
Movies at Town Commons	2,200		Y
MANAGER'S RECOMMENDED BUDGET			
GOVERNANCE			
Board of Aldermen salary adjustment	1,900		
Orange Community Housing Corporation	4,000		
POLICE			
Patrol - overtime	8,000		
Investigations - overtime	6,250		
Special Services - computer system maintenance	1,500		
FIRE			
Suppression - lease purchase equipment for new tanker	7,500		
Suppression - first responder medical supplies	2,500		
Suppression - furniture and equipment for station	4,000		
PLANNING			
Supervision - lease purchase county mapping information	18,115		

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED	OTHER FUNDS AVAILABLE	YES/ NO
PUBLIC WORKS			
Streets - temporary salaries	2,900		
Streets - enclosed trailer	3,100		
Streets - reciprocating tamp	2,900		
Building & Trades - new telephone lines for town center	3 4,000		
Building & Trades - utilities for town center	12 24,000		
Building & Trades - lease purchase new town phone system	17,000		
Building & Trades - departmental supplies for town center	1,52,000		
Building & Trades - janitorial services for town center	5 15,000		
Building & Trades - bus shelter roof	2,700		
Building & Trades - heat pumps for fire station	4,500		
Building & Trades - carpet for town hall	5,600		
Building & Trades - generator for fire station	6,975		
Building & Trades - moving expenses to town center	2,500		
Fleet Maintenance - low use lift	2,500		
Fleet Maintenance - wheel balancer	3,500		
Landscaping - temporary services	4,200		
Landscaping - front loader bucket-mountable	4,700		
RECREATION	31,176		
Town center staffing & operations (32,000 Center fees)	53,498	10,666 32,000	
Athletics - enterprise fund (3,000 fees)	0	3,000	
General Programs - enterprise fund (3,000 fees)	0	3,000	
Teen camps	3,797		
NON-DEPARTMENTAL			
Salary adjustment [2 ½% Merit]	50,000		
Salary adjustment [2 ½% Market Adjustment]	100,000		
Service level benefit increase	10,000		
Town center equipment	30,000		
Technology Plan (10,000 COPS)	90,000	10,000	
Safety Consultant	4,000		
TOTAL ADDITIONS TO CONTINUATION BUDGET NEEDING FUNDING [BOARD + MGR'S]	607,573		
REVISED TOTAL FOLLOWING BOARD DECISIONS			
LESS AVAILABLE FUND BALANCE	275,134		
TOTAL ADDITIONS REQUIRING TAX INCREASE			

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED	OTHER FUNDS AVAILABLE	YES/ NO
OTHER ADDITIONS			
1.			
2.			
3.			
4.			
5.			
REVISED TOTAL FOLLOWING BOARD DECISIONS			
LESS AVAILABLE FUND BALANCE 319,551	275,134		
TOTAL ADDITIONS REQUIRING TAX INCREASE			

ADDITIONAL OUTSIDE AGENCY REQUESTS

Middle School After School Program	\$6,500 (\$5,000 included in continuation budget)
YMCA Capital Building Fund	\$10,000
Carr Court Family Resource Center	\$7,200 600 Yes - 1,600
Day Care Services Capital Building Fund	\$40,000 (\$8,000/year for 5 years)
JOCCA	\$23,185
Carrboro Business Association Brochure	\$4,400

TAX INCREASE REFERENCE GUIDE

TAX INCREASE	FUNDS GENERATED
.25 CENT	17,615
.50 CENT	35,231
.75 CENT	52,846
1.00 CENT	70,462
1.25 CENTS	88,077
1.50 CENTS	105,693
1.75 CENTS	123,308
2.00 CENTS	140,924
2.25 CENTS	158,539
2.50 CENTS	176,155
2.75 CENTS	193,770
3.00 CENTS	211,386
3.25 CENTS	229,001

BUDGET WORKSHEET

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED	OTHER FUNDS AVAILABLE	YES/ NO
BOARD'S POLICY GOALS			
[NOT INCLUDED IN MANAGER'S RECOMMENDED BUDGET]			
Increase Family Health Insurance to 40%	9,000		
Bolin Creek Study	25,000		
Banning Recycables Study	25,000		NO
Police Reserves	10,365		
Increase Salaries of School Crossing Guards	1,548		
Farmers' Market Parking (5,925 farmers' donation)	9,075	5,925	
Downtown Benches and Trash Cans 3,500	3,500		A
Remainder to Construct Bandstand	3,500		NO
Lease purchase Town Commons Playground (3yrs./21,000) (7,350 Smart Start grant)	0	7,350	
Town Hall Day	250		
Movies at Town Commons	2,200		
<i>SUB-TOTAL</i>	<i>60,938</i>		
MANAGER'S RECOMMENDED BUDGET			
GOVERNANCE			
Board of Aldermen salary adjustment	1,900		
Orange Community Housing Corporation	4,000		
POLICE			
Patrol - overtime	8,000		
Investigations - overtime	6,250		
Special Services - computer system maintenance	1,500		
FIRE			
Suppression - lease purchase equipment for new tanker	7,500		
Suppression - first responder medical supplies	2,500		
Suppression - furniture and equipment for station	4,000		
PLANNING			
Supervision - lease purchase county mapping information	18,115		

SUB-TOTAL 53,765

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED	OTHER FUNDS AVAILABLE	YES/ NO
PUBLIC WORKS			
Streets - temporary salaries	2,900		
Streets - enclosed trailer	3,100		
Streets - reciprocating tamp	2,900		
Building & Trades - new telephone lines for town center 3,000			A
Building & Trades - utilities for town center 12,000			A
Building & Trades - lease purchase new town phone system	17,000		
Building & Trades - departmental supplies for town center 1,500			A
Building & Trades - janitorial services for town center 5,000			A
Building & Trades - bus shelter roof	2,700		
Building & Trades - heat pumps for fire station	4,500		
Building & Trades - carpet for town hall 2800			A
Building & Trades - generator for fire station	6,975		
Building & Trades - moving expenses to town center	2,500		
Fleet Maintenance - low use lift	2,500		
Fleet Maintenance - wheel balancer	3,500		
Landscaping - temporary services	4,200		
Landscaping - front loader bucket-mountable	4,700		
RECREATION		10,666	
Town center staffing & operations (32,000 Center fees) 28,174			A
Athletics - enterprise fund (3,000 fees)	0	3,000	
General Programs - enterprise fund (3,000 fees)	0	3,000	
Teen camps	3,797		
NON-DEPARTMENTAL			
Salary adjustment [2 ½% Merit]	50,000		
Salary adjustment [2 ½% Market Adjustment]	100,000		
Service level benefit increase	10,000		
Town center equipment	30,000		
Technology Plan (10,000 COPS) 77,800		10,000	A
Safety Consultant	4,000		
TOTAL ADDITIONS TO CONTINUATION BUDGET NEEDING FUNDING [BOARD + MGR'S]	607,573		
REVISED TOTAL FOLLOWING BOARD DECISIONS	500,249		
LESS AVAILABLE FUND BALANCE	275,134		
TOTAL ADDITIONS REQUIRING TAX INCREASE			

SUB-TOTAL 385,546 ✓
53,765
60,938
500,249

SUB TOTAL OTHER SIDE

500,249

16,121

516,370

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED	OTHER FUNDS AVAILABLE	YE. NO
OTHER ADDITIONS/Reductions			
1. Reduce Governing body (travel/comp)	(1,000)		
2. Reduce manager (contract services)	(900)		
3. Reduce Planning (engineering)	(14,000)		
4. maint worker	26,021		Feed back
5. court program	6,000		Feed back
SUB-TOTAL	16,121		
REVISED TOTAL FOLLOWING BOARD DECISIONS	516,370		
LESS AVAILABLE BALANCE 249,880	275,134 +	44,417	
TOTAL ADDITIONS REQUIRING TAX INCREASE	1166,819		
24	140,924		
	25,895		

Additional funds available from Transportation fund ~~from~~ \$44,417

ADDITIONAL OUTSIDE AGENCY REQUESTS

Additional Fund Balance Appropriated By Board \$30,000

Middle School After School Program	\$6,500 (\$5,000 included in continuation budget)
YMCA Capital Building Fund	\$10,000
Court Resource Center	\$7,200 6,000
Day Care Services Capital Building Fund	\$40,000 (\$8,000/year for 5 years)
JOCCA	\$23,185

25,895
manager's cuts - 6,975

4,000

2,000

4,000

2,900

2,500

18,920

14,920

12,920

8,920

5,380

~~7,500~~

2,880

generator

overturn

furniture

C.C. Harris

Temp. serv

high/re call

The Board requested that
the Town Manager reduce
the budget for maintenance
to 2%.

BUDGET WORKSHEET

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED	OTHER FUNDS AVAILABLE	YES/ NO
BOARD'S POLICY GOALS			
[NOT INCLUDED IN MANAGER'S RECOMMENDED BUDGET]			
Increase Family Health Insurance to 40%	9,000		Yes
Bolin Creek Study	25,000		Yes
Banning Recycables Study	25,000		No
Police Reserves	10,365		Yes
Increase Salaries of School Crossing Guards	1,548		Yes
Farmers' Market Parking (5,925 farmers' donation)	9,075	5,925	Yes
Downtown Benches and Trash Cans (reduced by 3,500)	3,500		Yes
Remainder to Construct Bandstand	14,000		No
Lease purchase Town Commons Playground (3yrs./21,000) (7,350 Smart Start grant)	0	7,350	N/A
Town Hall Day	250		Yes
Movies at Town Commons	2,200		Yes
Subtotal	60,938		
MANAGER'S RECOMMENDED BUDGET			
GOVERNANCE			
Board of Aldermen salary adjustment	1,900		Yes
Orange Community Housing Corporation	4,000		Yes
POLICE			
Patrol - overtime	8,000		Yes
Investigations - overtime	6,250		Yes
Special Services - computer system maintenance	1,500		Yes
FIRE			
Suppression - lease purchase equipment for new tanker	7,500		Yes
Suppression - first responder medical supplies	2,500		Yes
Suppression - furniture and equipment for station	4,000		Yes
PLANNING			
Supervision - lease purchase county mapping information	18,115		Yes

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED	OTHER FUNDS AVAILABLE	YES/ NO
PUBLIC WORKS			
Streets - temporary salaries	2,900		Yes
Streets - enclosed trailer	3,100		Yes
Streets - reciprocating tamp	2,900		Yes
Building & Trades - new telephone lines for town center (reduced by 1,000)	3,000		Yes
Building & Trades - utilities for town center (reduced by 12,000)	12,000		Yes
Building & Trades - lease purchase new town phone system	17,000		Yes
Building & Trades - departmental supplies for town center (reduced by 1,500)	1,500		Yes
Building & Trades - janitorial services for town center (reduced by 10,000)	5,000		Yes
Building & Trades - bus shelter roof	2,700		Yes
Building & Trades - heat pumps for fire station	4,500		Yes
Building & Trades - carpet for town hall (reduced by 2,800)	2,800		Yes
Building & Trades - generator for fire station	6,975		Yes
Building & Trades - moving expenses to town center	2,500		Yes
Fleet Maintenance - low use lift	2,500		Yes
Fleet Maintenance - wheel balancer	3,500		Yes
Landscaping - temporary services	4,200		Yes
Landscaping - front loader bucket-mountable	4,700		Yes
RECREATION			
Town center staffing & operations (32,000 Center fees) (reduced by 25,324)	28,174	10,666	Yes
Athletics - enterprise fund (3,000 fees)	0	3,000	Yes
General Programs - enterprise fund (3,000 fees)	0	3,000	Yes
Teen camps	3,797		Yes
NON-DEPARTMENTAL			
Salary adjustment [2 ½% Merit]	50,000		Yes
Salary adjustment [2 ½% Market Adjustment]	100,000		Yes
Service level benefit increase	10,000		Yes
Town center equipment	30,000		Yes
Technology Plan (10,000 COPS) (reduced by 12,200)	77,800	10,000	Yes
Safety Consultant	4,000		Yes
TOTAL ADDITIONS TO CONTINUATION BUDGET NEEDING FUNDING [BOARD + MGR'S]	607,573		
REVISED TOTAL FOLLOWING BOARD DECISIONS	500,249		

EXPENDITURES BEYOND CONTINUATION BUDGET	FUNDS NEEDED/REDUCED
OTHER ADDITIONS/REDUCTIONS	
1. Reduce Governing Board - Travel	500
2. Reduce Governing Board – Conferences	500
3. Reduce Manager – Contractual Services	900
4. Reduce Planning – Engineering Fees	14,000
5. Add Public Works Maintenance Worker	26,021
6. Add Carr Court Family Resource Center Rental	6,000
Subtotal	16,221
REVISED TOTAL FOLLOWING BOARD DECISIONS	516,370
LESS AVAILABLE FUND BALANCE	275,134
LESS ADDITIONAL FUND BLANCE APPROPRIATED BY BOARD	30,000
LESS ADDITIONAL FUNDS AVAILABLE FROM TRANSPORTATION FUND	44,417
TOTAL ADDITIONS REQUIRING TAX INCREASE	166,819

BOARD OF ALDERMEN

ITEM NO. E(2)

AGENDA ITEM ABSTRACT

MEETING DATE: June 9, 1998

SUBJECT: Baldwin Park Recreation Activities

DEPARTMENT: Recreation and Parks	PUBLIC HEARING: YES ____ NO <u>XX</u> __
ATTACHMENTS: Program Cost Analysis and Time Line	FOR INFORMATION CONTACT: Richard E. Kinney 968-7703

PURPOSE:

The Board of Aldermen, at their May 19, 1998, requested that the issue of recreational activities at Baldwin Park be placed on an agenda for discussion. The purpose of this item is for town staff to provide information in regards to this request.

SUMMARY:

At the last meeting of the Lloyd/Broad Street neighborhood meeting on May 11, 1998, there was some voiced concern regarding a need for recreation programs in the park. Baldwin Park is classified as a mini-park and therefore no formal programming has heretofore been planned there. It is recommended that any activity in the park be designed to accommodate persons who can bike or ride to the park. The park is designed for informal, casual use by the adjoining residents. Several residents requested that recreation programs be provided at Baldwin Park.

ANALYSIS

Input from the citizens has centered around an enrichment activity at the park by which youth can access on foot or bike. Initially, the Town may wish to consider a summer enrichment series on Tuesdays and Thursdays mornings. The cost of operating a program from late July to the beginning of school is \$1,572 (see attached cost analysis). The Board may prefer to consider an "after-school" arrangement during the school year until the weather precludes its operation at the park.

In exploring this possibility, the Board must consider the short duration of planning for this activity and hiring on-site staff and acquisition of program materials. The Recreation and Parks Department usually plans any program four months in advance. This allows for the proper program planning and implementation to take place. A minimum success rate in attendance would be expected initially. Also, the department must drop other programs since there is no staff available to accept this additional programming responsibility at this time. We are presently at the final stage of hiring the vacant Recreation Supervisor – Youth Programs.

ACTION REQUESTED

That the Board of Aldermen consider the information as presented and provide direction for the administration to pursue in the area of recreation programming at Baldwin Park.

Summer Enrichment Playground Program Costs

Program Staff: 2 leaders
 Program Hours: 9am – 12 noon
 Program Days: Tuesday and Thursday
 Weeks: July 27 – 31
 August 3 – 7
 August 10 – 14
 (school starts on August 18)

Direct Program Costs

Staff		\$ 712.00
Staff –orientation, training, planning, and preparation:	32 hrs.	\$ 256.00
Program implementation (includes pre/post):	48 hrs.	\$384.00
Weekly planning, prep, eval.	9hrs.	\$72.00
FICA		\$55.00
Equipment/Supplies including daily snack		\$210.00
Printing /postage		\$25.00
Contract services (ex. Guest artist)		\$150.00
Portalet Rental		\$200.00
Portable Cell Phone (no phone on site)		\$220.00
		\$1572.00

Indirect

Supervisory hrs. program development, interviewing, training, orientation, general supervision,
 selection/ordering supplies est- 25-35 hrs.
 Public works support 4-5 hrs. total
 Personnel staff 3hrs.
 Position advertisement \$200.00

Summer Enrichment Playground Program Timeline

June 15-19	Solicit existing staff
June 22-July 3	Advertise positions/order materials
July 8-9	Review applications
July 10-14	Program promotion/interviews, reference calls
July 20-24	Offers extended, orientation/training
July 27-31	Program
Aug. 3-7	Program
Aug. 10-14	Program
Aug. 18	School starts

BOARD OF ALDERMEN

ITEM NO. E(3)

AGENDA ITEM ABSTRACT

MEETING DATE: Tuesday, June 9, 1998

SUBJECT: CONTINUATION OF PUBLIC HEARING: Land Use Ordinance Text Amendment --Drive-In and Drive-Through Windows.

DEPARTMENT: PLANNING	PUBLIC HEARING: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ATTACHMENTS: Ordinance TAB recommendations – May 21, and June 4, 1998 Map of Existing and Proposed Drive-In Uses by Zoning District Detailed Map of Downtown Area	FOR INFORMATION CONTACT: Patricia McGuire -- 968-7714 Mike Brough – 929-3905
THE FOLLOWING INFORMATION IS PROVIDED: (X) Purpose (X) Analysis (X) Summary (X) Recommendation	

PURPOSE

To review an ordinance that revises the permitted zones and permit requirements associated with businesses that include drive-in/through windows.

SUMMARY

The Board of Aldermen placed this item on their action agenda in January of 1997 and 1998 and identified it as requiring urgent attention. The Board of Aldermen requested that the drive-in and drive-through uses currently permitted in the Land Use Ordinance be evaluated and that a proposal for further restricting or prohibiting them be prepared.

During a worksession on March 24, 1998, staff presented an evaluation of the regulations and policies presently controlling drive-in and drive-through windows, which included three options for further action. The Board selected the option to amend the Land Use Ordinance and directed staff to prepare an ordinance which would prohibit drive-in and through uses in the B-1(C) and B-1(G) districts and to limit drive-in uses to banks with drive-in windows elsewhere in town.

Per the terms of the Joint Planning Agreement, a copy of the ordinance was sent to Orange County on April 9, 1998 for their review. A reply is expected prior to the public hearing date. The proposed amendment was formally referred to the Planning Board for its recommendation. As the amendment also affects the relationship of development activity to the street right-of-way, a copy was also forwarded to the Transportation Advisory Board. Copies of these recommendations are attached.

During the public hearing on May 12, 1998, the Board of Aldermen discussed the proposed ordinance and heard comments from members of the public, the Planning Board and Transportation Advisory Board. In response to the Board's request, the hearing was continued until June 2, 1998 to give the Transportation Advisory Board (TAB) an opportunity to further consider this proposed amendment. In follow-up, planning staff prepared a brief summary of concerns and design and performance standards that might be used to mitigate the affects of businesses with drive-through windows, a copy of which is attached. The TAB reviewed this summary, as well as photos of drive-through businesses in the area, on May 21, 1998. Copies of the TAB's recommendations from May 21, 1998 are also attached.

The Board of Aldermen reviewed the TAB's recommendation on June 2, 1998 and received additional comments from TAB members. The public hearing was then closed and the Board of Aldermen discussed revising the table of permissible uses in accordance with the issues and concerns that had been raised during the hearing. The Board requested staff to prepare an ordinance formalizing the changes discussed and incorporating the performance standards recommended by the TAB.

ANALYSIS

The following table presents permissible use classifications for the drive-in/through uses that are currently included in the Land Use Ordinance.

Use Classification	Description
2.140	Retail/No Outside Display/Drive-In Window
2.240	Retail/Outside Display/Drive-In Window
3.230	Bank with Drive-In Window
3.250	Freestanding ATM
6.260	Drive-In Movie Theaters
8.300	Drive-In Restaurant
8.400	Drive-Through Restaurant
16.100	Dry Cleaners with Drive-In Window

Table 1. Drive-In/Through Permissible Uses

Table 2 illustrates the existing permit requirements for each use by zoning district. The proposed changes are noted below (textual changes are underlined or struck through and the replacement text, if applicable is printed in bold).

Use	B-1 (c)	B-1(g)	B-3	B-3-T	B-4	B-5	M-1	M-2	CT	O	O/A
2.140		ZS	S C	S C	S C		S C				
2.240		ZS	S C	S C			ZC				
3.230		ZC	C	C	C	C		C			
3.250	Z C	Z C	Z C		S C				Z C	Z C	Z C
6.260							S C				
8.300	ZS C				C	C					
8.400					C	C					
16.100		ZS	S C	S C	S C		S C				S C

Table 2. Permit Requirements of Drive-In/Through Uses by Zoning District

In summary, the proposed changes are:

- Amending the table of permissible uses as follows:
 - Disallowing all but Freestanding ATMs (3.250) in the B-1(C) and B-1(G) districts.
 - Requiring Conditional Use Permits for all drive-in/through uses.
 - Disallowing all Drive-in/through uses in the B-5 district.
- Incorporating design/performance standards as recommended by the TAB (see attached copy of the TAB recommendation).

An ordinance that includes these changes has been prepared and is attached. Two maps, one showing the existing and proposed permissible uses and detailing the zoning districts and street names in the downtown area, are also attached.

RECOMMENDATION

The Administration recommends that the Board of Aldermen adopt the proposed ordinance entitled "An Ordinance Amending the Carrboro Land use Ordinance to Limit Drive-In and Drive-through Uses in Commercial Districts."

**AN ORDINANCE AMENDING THE CARRBORO LAND USE ORDINANCE TO
LIMIT DRIVE-IN AND DRIVE-THROUGH USES IN COMMERCIAL DISTRICTS**

THE BOARD OF ALDERMEN OF THE TOWN OF CARRBORO ORDAINS;

Section 1. Section 15-146, the Table of Permissible Uses, is amended by revising the permit requirements for all drive-in and drive-through use classifications to read as follows:

		B-1(C)	B-1(G)	B-3	B-3-T	B-4	B-5	M-1	M-2	CT	O	O/A
2.000 Retail	No Outside Display			C	C	C		C				
	2.140 Drive-In Window											
	Outside Display			C	C			C				
	2.240 Drive-In Window											
3.000 Office	3.200 Within/Outside Buildings			C	C	C			C			
	3.230 Banks with drive-in window											
	3.250 Automatic Teller Machine, Freestanding	C	C	C		C				C	C	C
6.000 Recreation	6.200 Activity Outside							C				
	6.260 Drive-in Movie Theaters											
8.000 Restaurants	8.300 Drive-in					C						
	8.400 Drive Through Windows					C						
16.000 Dry Cleaner	16.100 With Drive-in windows			C	C	C		C				C

Section 2. Section 15-136 (Commercial Districts Established) is amended by deleting the last sentence in subsection (1).

Section 3. Section 15-136 (Commercial Districts Established) is amended by deleting the second to the last sentence in subsection (2).

Section 4. Article XI, Part II of the Carrboro Land Use Ordinance is amended by adding a new Section 15-176.1 to read as follows:

Section 15-176.1 Businesses with Drive-In Windows.

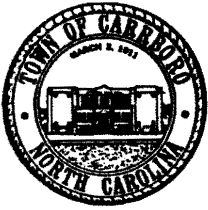
In addition to other applicable provisions of this chapter, use classifications 2.140, 2.240, 3.230, 3.250, 8.300, 8.400, and 16.100 shall be subject to the following requirements:

- (1) The entrance/exit doors of such uses shall be located in such a manner that a person exiting such businesses is not required immediately to cross a drive-in window exit lane.
- (2) Drive-in windows shall be located in such a fashion that vehicles using or waiting to use such drive-in or drive-through facilities do not interfere with vehicles seeking to enter or leave parking areas.
- (3) Where it is necessary for patrons wishing to park and enter such businesses to cross a drive-in window lane, crosswalks leading from parking areas to building entrances shall be clearly marked.
- (4) The vehicular entrances or exits of such uses shall not be located within 300 feet of the intersection of the centerlines of intersecting streets.
- (5) A building housing an 8.400 classification use may not be located closer than 1,000 feet to the nearest point of another building housing an 8.400 classification.

(6)
Section 5. All provisions of any town ordinance in conflict with this ordinance are repealed.

Section 6. This ordinance shall become effective upon adoption.

AZ me
(6) 1998
to the entrance
AS 2nd vote all



TOWN OF CARRBORO

NORTH CAROLINA

TRANSPORTATION ADVISORY BOARD

RECOMMENDATION

May 21, 1998

Motion: That "drive-throughs" be limited to the B-4 zones, that strong performance (including design) standards be enacted that include: (1) limiting pedestrian entrances of those buildings that have drive-throughs to areas other than where the drive-through windows are located, (2) that separates the drive-through lane from the parking areas, (3) that clearly delineates crosswalks (in marking and pavement texture) leading to the entrance of the business maintaining the drive-through from the business' parking area, and (4) that establishes minimum distances of business' entrances/exits from intersections.

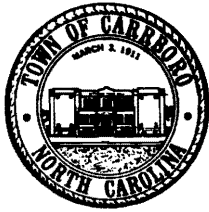
Moved: Ms. Shirley Marshall

Second: Mr. Kevin Cook

VOTE: Ayes (Cook, Marshall, Mochel, Perry), Noes (Elliott).

Neal G. Mochel
TAB Chair

5 / 27 /98
DATE



TOWN OF CARRBORO

NORTH CAROLINA

TRANSPORTATION ADVISORY BOARD

COMMENTS/RECOMMENDATION

June 4, 1998

The following are TAB comments regarding the draft ordinance amendments to limit drive-in and drive-through uses in commercial districts.

Section 1. Section 15-146. The TAB presented no comments regarding the table of permissible uses.

Section 15-176.1 Businesses with Drive-In Windows.

The TAB suggests that the requirements be written as follows:

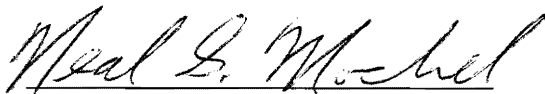
- (1) **The entrance/exit doors of such uses shall be located in such a manner that a person entering/exiting such businesses is not required immediately to cross a drive-in window exit lane.**
- (2) **No comment.**
- (3) **No comment.**
- (4) **A building housing a 8.400 classification use may not be located closer than 1,000 feet to the nearest point of another building housing an 8.400 classification, or one building housing an 8.400 classification per 750,000 ft² in permitted shopping center.**

Motion: That the TAB adopt the addendum to requirement number four as written.

Moved: **Ms. Shirley Marshall**

Second: **Ms. Ellen Perry**

VOTE: **Ayes (Lane, Marshall, Mochel, Perry)., Noes (None)**

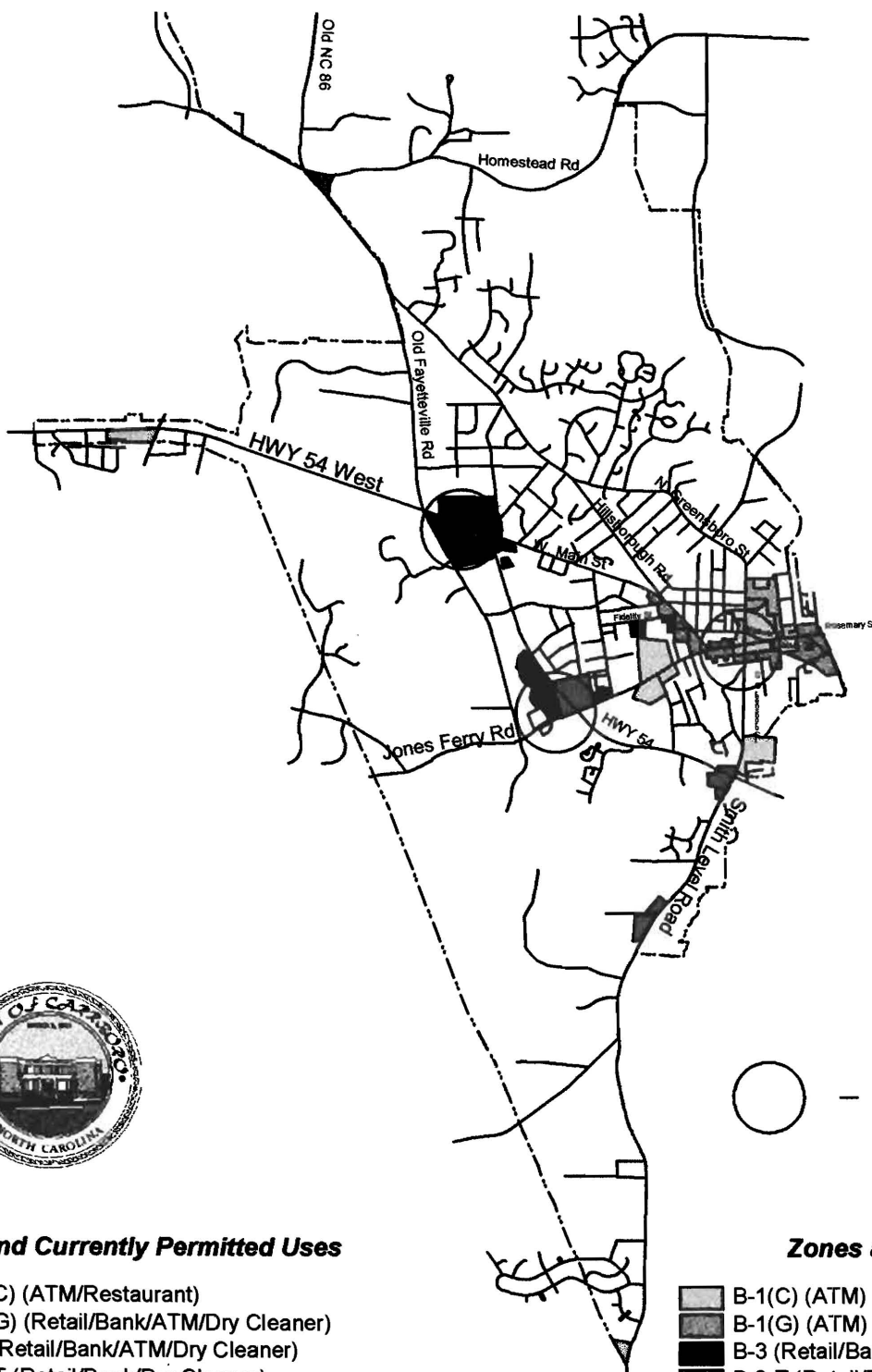


TAB Chair

6/5 1998

DATE

Map 1. Existing and Proposed Drive-In/Through Uses by Zoning District



Zones and Currently Permitted Uses

	B-1(C) (ATM/Restaurant)
	B-1(G) (Retail/Bank/ATM/Dry Cleaner)
	B-3 (Retail/Bank/ATM/Dry Cleaner)
	B-3-T (Retail/Bank/Dry Cleaner)
	B-4 (Retail/Bank/ATM/Restaurant/Dry Cleaner)
	B-5 (Bank/Restaurant)
	M-1 (Retail/Dry Cleaner/Movie Theater)
	CT (ATM)
	O (ATM)
	O/A (ATM/Dry Cleaner)

Zones and Proposed Uses

	B-1(C) (ATM)
	B-1(G) (ATM)
	B-3 (Retail/Bank/ATM/Dry Cleaner)
	B-3-T (Retail/Bank/Dry Cleaner)
	B-4 (Retail/Bank/ATM/Restaurant/Dry Cleaner)
	B-5 (No Uses Permitted)
	M-1 (Retail/Dry Cleaner/Movie Theater)
	CT (ATM)
	O (ATM)
	O/A (ATM/Dry Cleaner)

Represents approximately a 1,000-foot radius from existing or possible 8,400 uses.



DETAIL OF ZONING DISTRICTS IN/NEAR DOWNTOWN

This map was prepared with the GIS resources of the Planning Department of the City of Carleton Place. The map contains information from multiple sources and the City of Carleton Place may not have been collected at different times. Sources of information, including the City of Carleton Place, are represented together on this map. The Carleton Place Planning Department, Data and Maps Caching for the external users of this map, is not responsible for the source data at each map instance.

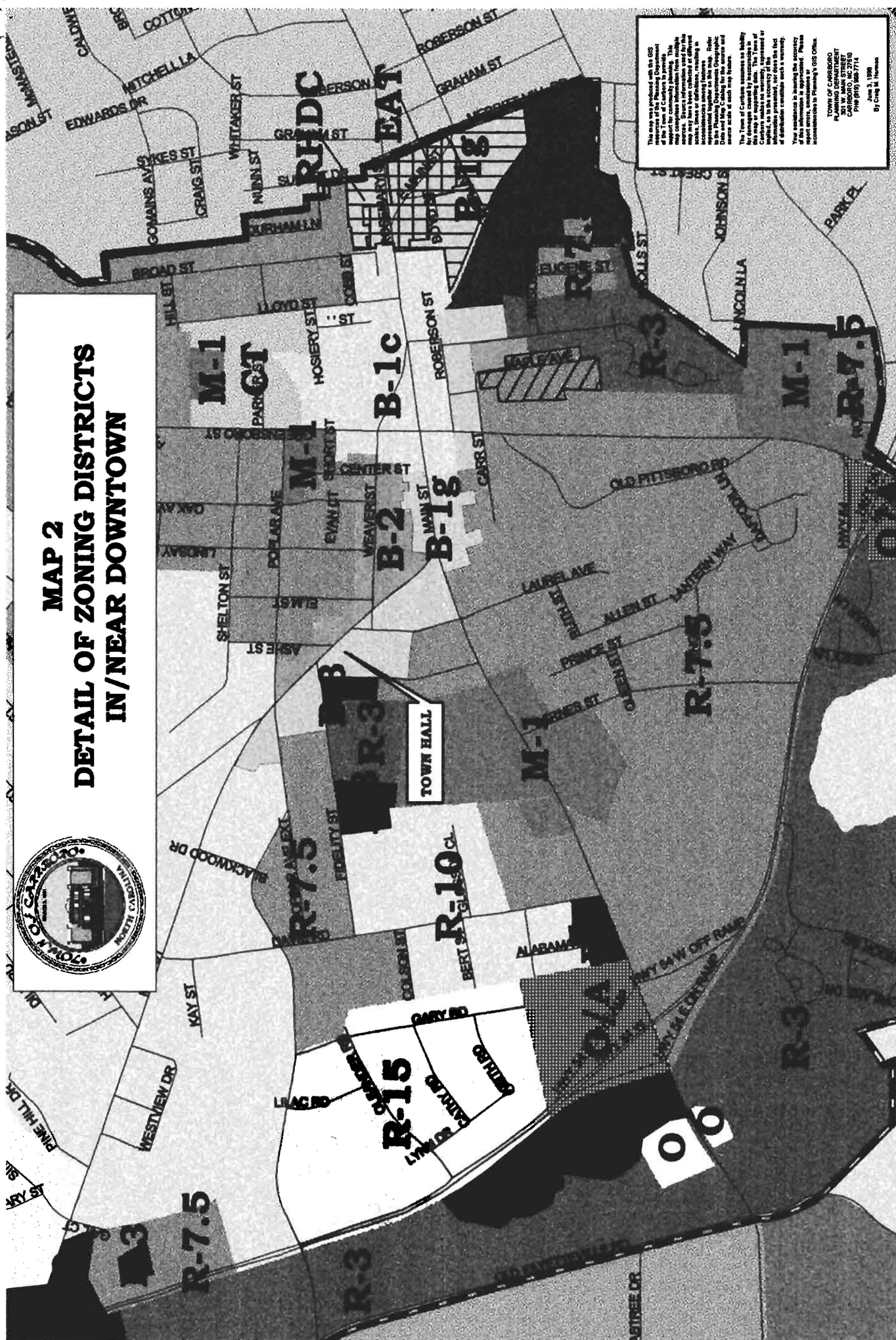
The Town of Carleton Place assumes no liability for the use of this map. The use of this map is for informational purposes only and is not intended to be used as a legal instrument, as the accuracy of the information is not guaranteed. The use of information on this map for purposes of litigation or other legal proceedings is prohibited.

Your assistance in keeping the accuracy of this information is appreciated. Please communicate any corrections to Planning Department at Planning@carletonplace.ca

June 3, 2008

By Craig M. Hennes

**TOWN OF CARLETON PLACE
PLANNING DEPARTMENT
CITY OF CARLETON PLACE
CITY OF CARLETON PLACE
CITY OF CARLETON PLACE**



The following ordinance was introduced by Alderman Alex Zaffron and duly seconded by Alderman Allen Spalt.

**AN ORDINANCE AMENDING THE CARRBORO LAND USE ORDINANCE TO
LIMIT DRIVE-IN AND DRIVE-THROUGH USES IN COMMERCIAL DISTRICTS**

Ordinance No. 32/97-98

THE BOARD OF ALDERMEN OF THE TOWN OF CARRBORO ORDAINS;

Section 1. Section 15-146, the Table of Permissible Uses, is amended by revising the permit requirements for all drive-in and drive-through use classifications to read as follows:

		B-1(C)	B-1(G)	B-3	B-3-T	B-4	B-5	M-1	M-2	CT	O	O/A
2.000 Retail	No Outside Display			C	C	C		C				
	2.140 Drive-In Window											
	Outside Display			C	C			C				
	2.240 Drive-In Window											
3.000 Office	3.200 Within/Outside Buildings			C	C	C			C			
	3.230 Banks with drive-in window											
	3.250 Automatic Teller Machine, Freestanding	C	C	C		C				C	C	C
6.000 Recreation	6.200 Activity Outside							C				
	6.260 Drive-in Movie Theaters											
8.000 Restaurants	8.300 Drive-in					C						
	8.400 Drive Through Windows					C						
16.000 Dry Cleaner	16.100 With Drive-in windows			C	C	C		C				C

Section 2. Section 15-136 (Commercial Districts Established) is amended by deleting the last sentence in subsection (1).

Section 3. Section 15-136 (Commercial Districts Established) is amended by deleting the second to the last sentence in subsection (2).

Section 4. Article XI, Part II of the Carrboro Land Use Ordinance is amended by adding a new Section 15-176.1 to read as follows:

Section 15-176.1 Businesses with Drive-In Windows.

In addition to other applicable provisions of this chapter, use classifications 2.140, 2.240, 3.230, 3.250, 8.300, 8.400, and 16.100 shall be subject to the following requirements:

- (1) The entrance/exit doors of such uses shall be located in such a manner that a person entering/exiting such business is not required immediately to cross a drive-in window exit lane.
- (2) Drive-in windows shall be located in such a fashion that vehicles using or waiting to use such drive-in or drive-through facilities do not interfere with vehicles seeking to enter or leave parking areas.
- (3) Where it is necessary for patrons wishing to park and enter such businesses to cross a drive-in window lane, crosswalks leading from parking areas to building entrances shall be clearly marked.
- (4) The vehicular entrances or exits of such uses shall not be located within 300 feet of the intersection of the centerlines of intersecting streets.
- (5) A building housing an 8.400 classification use may not be located closer than 1,000 feet to the nearest point of another building housing an 8.400 classification.
- (6) A Type B screen shall be erected, on the exterior border, from the service window to the entrance of the stacking lane.

Section 5. All provisions of any town ordinance in conflict with this ordinance are repealed.

Section 6. This ordinance shall become effective upon adoption.

The foregoing ordinance, having been submitted to a vote, received the following vote and was duly adopted this 9th day of June, 1998:

Ayes: Hilliard Caldwell, Michael Nelson, Diana McDuffee, Jacquelyn Gist, Alex Zaffron, Allen Spalt

Noes: None

Absent or Excused: Hank Anderson

BOARD OF ALDERMEN

ITEM NO. E(4)

AGENDA ITEM ABSTRACT

MEETING DATE: June 9, 1998

SUBJECT: Request for a CUP Minor Modification for The Cedars

DEPARTMENT: PLANNING	PUBLIC HEARING: YES ___ NO <u>X</u>
ATTACHMENTS: Location Map Letter from Eric Chupp dated May 1, 1998 Reduced Site Plans Typical Lot Layouts with approved Setbacks and proposed setbacks	FOR INFORMATION CONTACT: Keith Lankford—968-7712
THE FOLLOWING INFORMATION IS PROVIDED: (X) Purpose (X) Analysis (X) Summary (X) Recommendation	

PURPOSE

Eric Chupp has applied for a minor modification of the CUP of The Cedars at Bolin Forest to modify the approved setbacks. The approved CUP established setbacks for the project, which differ from the standard setbacks of the R-15 zoning district. The Administration recommends that the modification to the setbacks be approved as presented.

SUMMARY

Eric Chupp has applied for a minor modification of the CUP of The Cedars at Bolin Forest to modify the approved setbacks.

The Cedars is an architecturally integrated subdivision (AIS) which includes the creation of setbacks and minimum lot sizes, which differ from the standard requirements of the R-15 zoning district.

Mr. Chupp is requesting a modification to allow the reduction of:

1. the front setbacks from 15 feet to 8 feet,
2. the second front setback on corner lots from 10 feet to 8 feet, and
3. the rear setbacks from 10 feet to zero feet for lots that do not back up to outside properties.

The side setbacks are to remain unchanged at zero feet.

All easements and “special setbacks” are to remain unchanged.

The developer's 'special setbacks' are located on lots 16 through 22 and refer to the 40 foot setback from the adjacent lots in the Bolin Forest neighborhood.

The CUP modification, if granted, will result in a larger building envelope on the lots.

Mr. Chupp has indicated that the purpose of reducing the setbacks is "to facilitate detaching the garages and recessing them to the rear of the homes".

The attached site plan enlargements from the developer show the original typical lot layout on lots 9 and 10, and the proposed typical lot layout on lots 6 and 7.

None of the reviewing agencies express any problems with the modification as proposed.

The Administration recommends that the modification to the setbacks be approved as presented.

ANALYSIS

The CUP modification, if granted, will result in a larger building envelope on the lots.

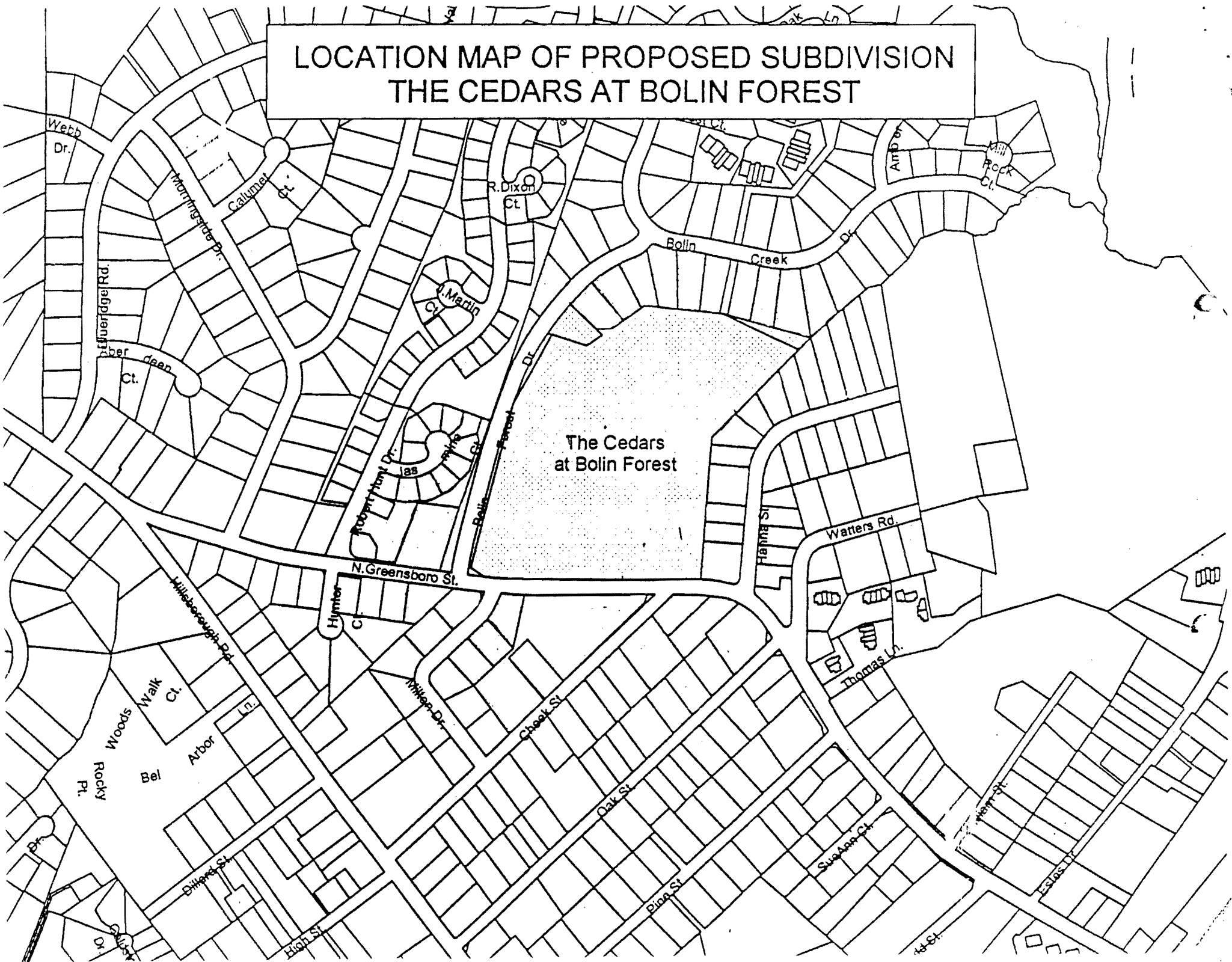
Mr. Chupp has indicated that the purpose of reducing the setbacks is "to facilitate detaching the garages and recessing them to the rear of the homes". None of the reviewing agencies express any problems with the modification as proposed. The Administration recommends that the modification to the setbacks be approved as presented.

RECOMMENDATION

The Administration recommends that the modification to the setbacks be approved as follows:

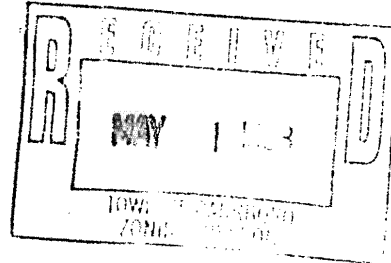
1. the front setbacks from 15 feet to 8 feet,
2. the second front setback on corner lots from 10 feet to 8 feet, and
3. the rear setbacks from 10 feet to zero feet for lots that do not back up to outside properties.

LOCATION MAP OF PROPOSED SUBDIVISION THE CEDARS AT BOLIN FOREST



Capkov Ventures, Inc.
304 Columbia Place East
Chapel Hill, NC 27516
May 1, 1998

Keith Lankford
Zoning Administrator
Town of Carrboro, Zoning Division
301 W Main Street
Carrboro, NC 27510



Dear Keith:

Please find attached our application for a minor modification to the conditional use permit issued for the community "Cedars at Bolin Forest." The proposed change simply relaxes the lots front building setback from 15' to 8' to facilitate detaching the garages and recessing them to the rear of the homes.

In an architecturally integrated subdivision such as the Cedars, there are no mandatory building setbacks from the front of the lot, therefore, no variance is requested. We did show a typical setback on our site plan which is what we request to modify.

By approving this change, and thereby allowing us to recess the garages, we think the community will benefit both aesthetically and functionally.

A detached garage pulled to the rear of the house gives a much more traditional appeal. If you look at the older homes in Carrboro you will find that most have detached garages. As we said during the approval stage, we want to get away from the garage dominated architecture that is so predominant today.

In addition, it will allow more space between the units by reducing the home footprint by the width of the garage. Backyards will also benefit by the use of the garages to form a courtyard hence adding to each individual's privacy.

We think this will be a popular option to offer future Carrboro residences and hope You can expeditiously process our modification request.

Sincerely,

Eric B. Chupp



CDAA
ARCHITECTURE
UNIVERSITY DESIGN
UNIVERSITY ARCHITECTURE
111 E. 11TH ST. SUITE 200, COLUMBIA, SC 29201
TEL: 803.792.1111 FAX: 803.792.1112
WWW.CDAA-ARCHITECT.COM

MATERIAL KEYING LEGEND

DSAtlantic

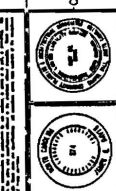
CONSTRUCTION PLANS
PHASES 1 AND 2
THE CEDARS
AT
BOLIN FOREST
CARRBORO
NORTH CAROLINA

- GENERAL NOTES:
- 1. SEE PHASE 1 FOR EXISTING AND PROPOSED UTILITIES.
 - 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NORTH CAROLINA CONSTRUCTION SPECIFICATIONS.
 - 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NORTH CAROLINA CONSTRUCTION SPECIFICATIONS.
 - 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NORTH CAROLINA CONSTRUCTION SPECIFICATIONS.
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 - 10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NORTH CAROLINA CONSTRUCTION SPECIFICATIONS.



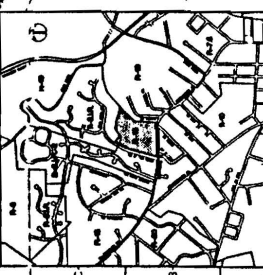
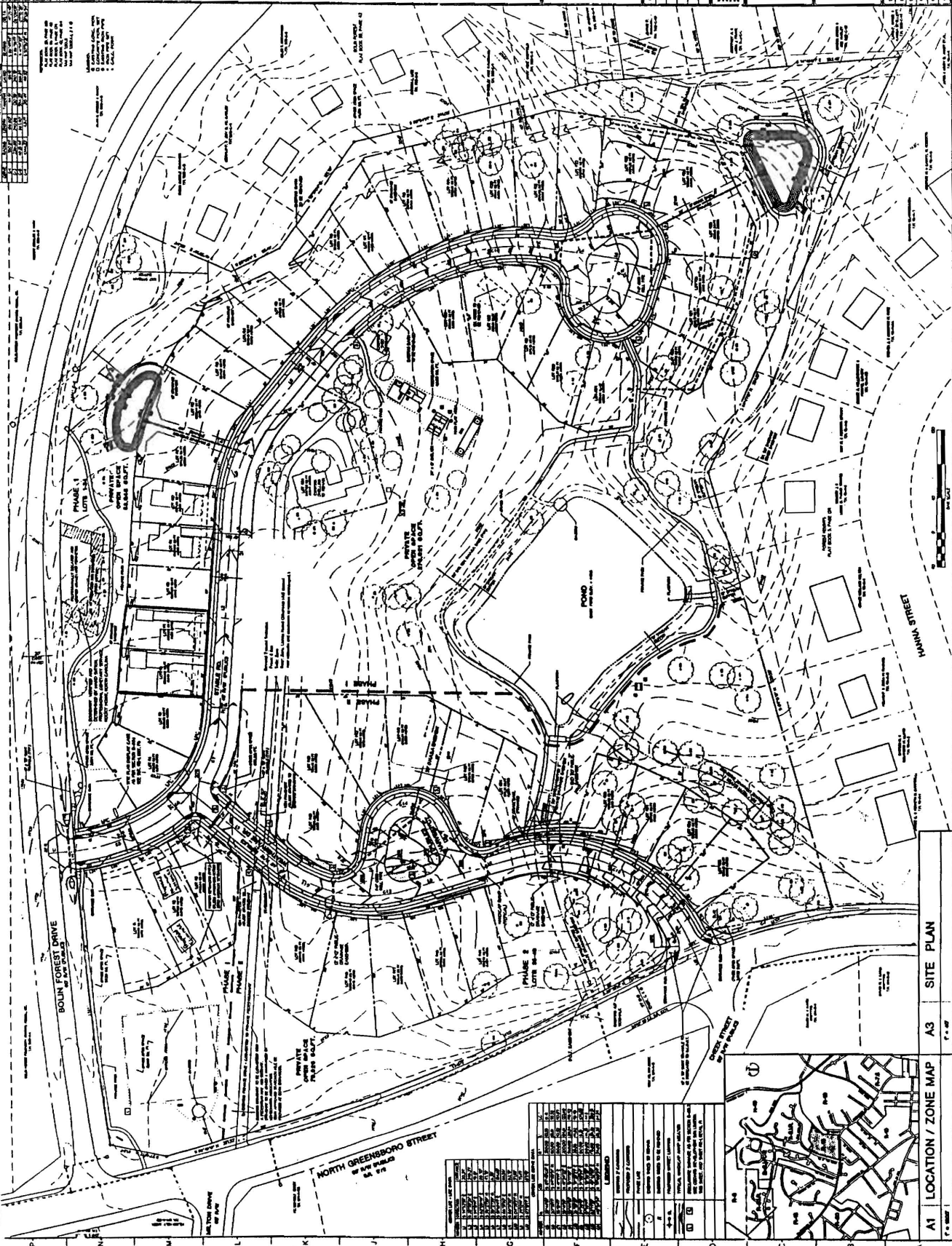
CONSTRUCTION PLANS
PHASES 1 AND 2
THE CEDARS
AT
BOLIN FOREST
CARRBORO
NORTH CAROLINA

DATE	10/1/2011
BY	CDAA
CHECKED BY	CDAA
APPROVED BY	CDAA



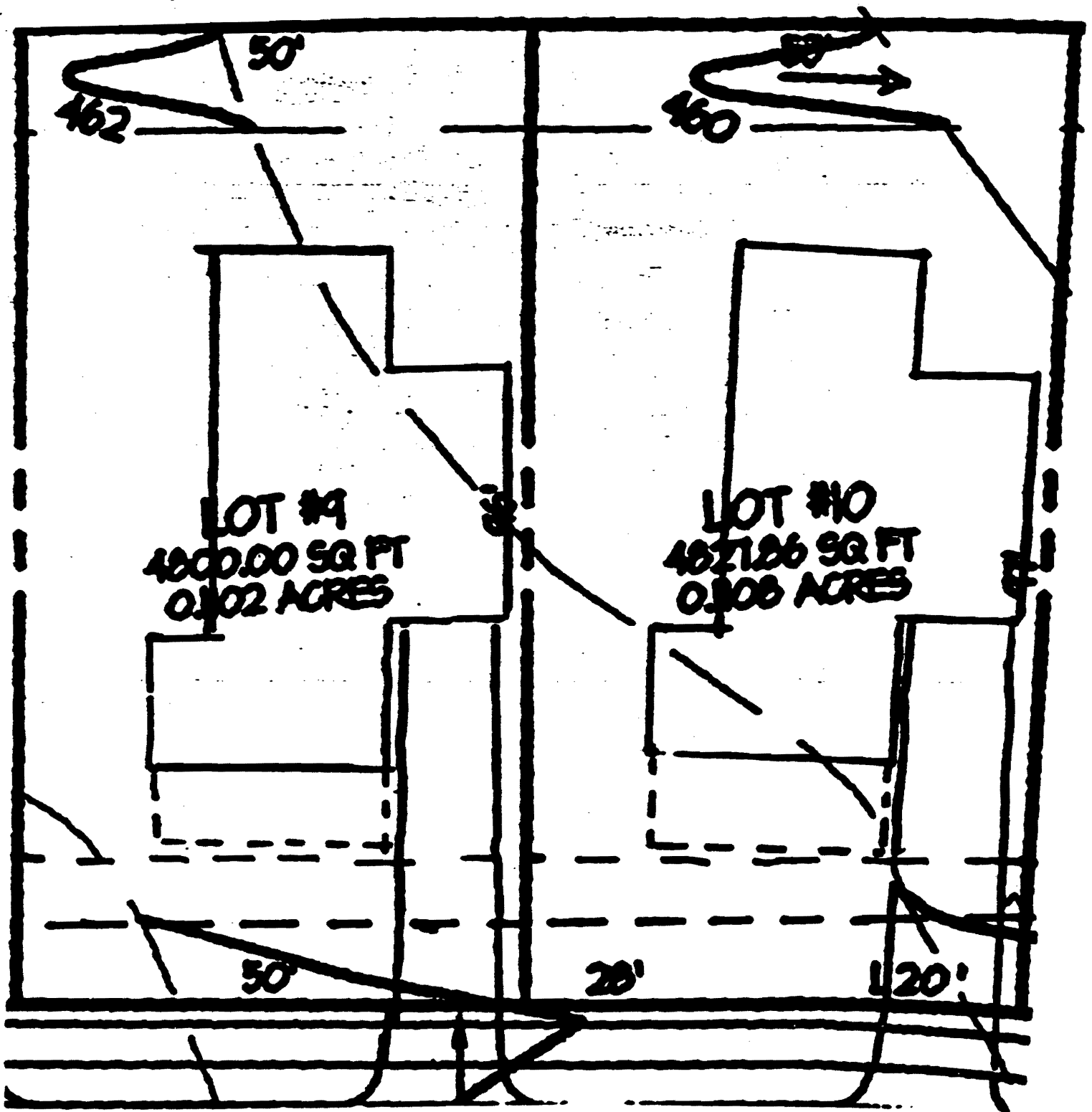
SITE PLAN

SP-1

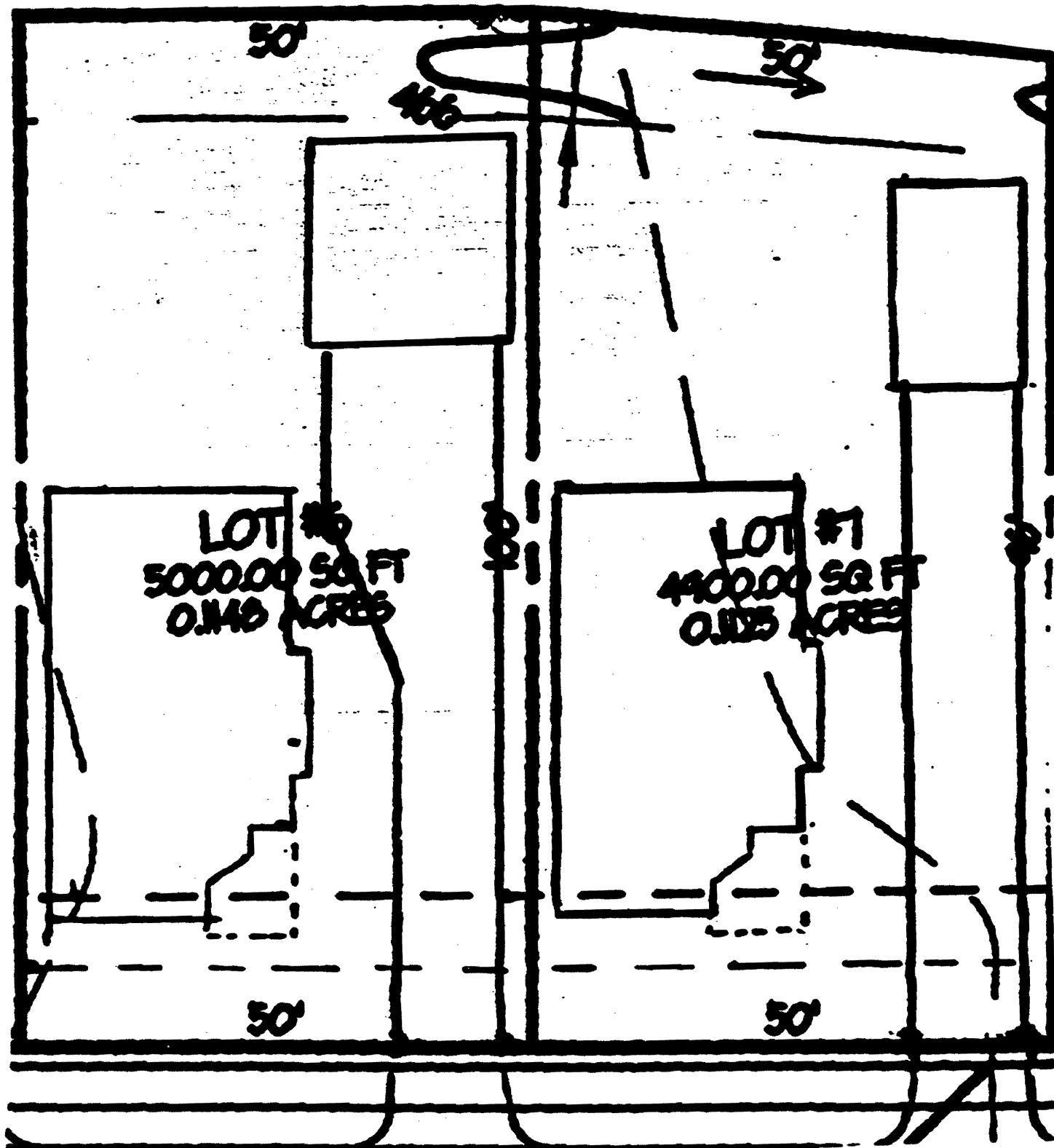


A1 LOCATION / ZONE MAP

A3 SITE PLAN



Existing



Proposed

BOARD OF ALDERMENITEM NO. E(5)**AGENDA ITEM ABSTRACT****MEETING DATE: June 9, 1998****SUBJECT: Request for a CUP Minor Modification for Sunset Creek Subdivision**

DEPARTMENT: PLANNING	PUBLIC HEARING: YES ___ NO <u>X</u>
ATTACHMENTS: Letter from Jim Brandewie dated 06/04/98 Reduced Approved Landscape Plan Reduced Site Plan for Proposed Berm	FOR INFORMATION CONTACT: Keith Lankford—968-7712
THE FOLLOWING INFORMATION IS PROVIDED: (X) Purpose () Analysis (X) Summary (X) Recommendation	

PURPOSE

Jim Brandewie has applied for a minor modification of the CUP of the Sunset Creek Subdivision to allow for a landscaping berm to be constructed along the project's frontage onto Old Highway 86. The approved CUP showed landscaping in this area, but did not indicate that a berm was proposed. The Administration recommends that the modification be approved as presented.

SUMMARY

Jim Brandewie has applied for a minor modification of the CUP of the Sunset Creek Subdivision to allow for a landscaping berm to be allowed along the project's frontage onto Old Highway 86.

The approved CUP showed landscaping in this area, but did not indicate that a berm was proposed.

The developer has indicated that the initial berm was temporarily built 5 to 6 feet high to allow for the soil to dry in a noncompacted pile before being compacted and flattened to the existing height.

The developer has indicated that the berm is necessary "due to the relative elevation drop from the sidewalk to the back yard of lots nearest the road" and that "the placement of dirt is necessary to execute the approved landscape plan"

The developer has also indicated that the berm will "serve as an additional safety measure in the event a car runs off the road".

The developer has revised the design of their berm to meet the newly adopted provisions of the Land Use Ordinance related to berms, walls, and fences.

The developer has indicated that the berm in the field is not at the final grade as shown on the attached plan.

The berm will have approximate side slopes of 5:1 on the street side and 4:1 on the back side.

The berm will be no higher than three (3) feet than the point where the front slope ties back into the existing grade near the sidewalk.

The berm will then be landscaped with the plants that were specified in the approved CUP and construction plans (see attached).

RECOMMENDATION

The Administration recommends that the modification be approved as presented.

BEEMER, SAVERY & HADLER, P. A.
ATTORNEYS AT LAW
SUITE 800-B, FRANKLIN SQUARE
1828 EAST FRANKLIN STREET
P. O. DRAWER 3150
CHAPEL HILL, NORTH CAROLINA 27515

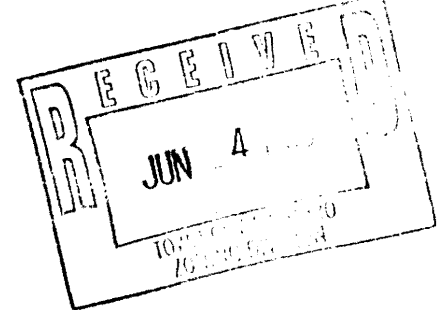
WAYNE R. HADLER
REX T. SAVERY, JR.

MARY BETH JONES
JEFFREY A. JONES

CHARLES G. BEEMER
RETIRED

TELEPHONE
(919) 967-0391

FAX
(919) 967-3088



June 4, 1998

Mr. Keith Lankford
Zoning Administrator
301 West Main Street
Carrboro, NC 27510

Sent Via Fax 968-7753

RE: Landscape Berm at Sunset Creek

Dear Keith:

I understand from Jim Brandewie that the minor modification request for the berm at Sunset Creek will be on the agenda next on Tuesday, June 9, 1998. I trust you have had an opportunity to carefully review the proposed sketches or plans for the landscape berm locations at Sunset Creek. It is important to point out that the berm will be less than three (3) feet above the edge of the sidewalk at its highest point as shown on the berm typical section of the plans. It is my understanding that the berm is well within the guidelines recently suggested or passed by the Aldermen. Essentially the landscaped berm when finalized will amount to nothing more than an adequate planting bed similar to the screen near the swimming pool.

Consistent with your instructions in your letters of March 27, April 30 and May 19 no further work has occurred on the berm. I would like to point out that the berm has not been graded out to a final grade which when completed will reduce the height of the berm to what is shown on the plans. Jim Brandewie had hoped to complete the grading and finalize the berm as soon as possible in order to install the necessary plantings and provide for a more attractive appearance before the heat of summer.

During the CUP hearings Jim Brandewie voiced his commitment to the Town that the vistas would remain aesthetically pleasing. We also believe the berm will provide additional safety in the event a car runs off the road. It might prevent the car from running into a backyard where children are playing. The berm also assists in allowing an adequate implementation of the approved landscape plan. Without it, the plants and shrubs to be planted would not serve as a screen. They would be below the sidewalk and not readily visible from Old Hillsborough Road.

Page Two
June 4, 1998
Mr. Keith Lankford

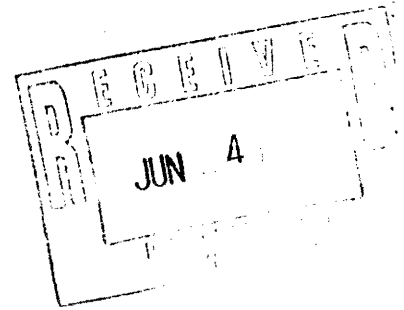
Most importantly, please be assured that Jim Brandewie remains committed to keeping Carrboro a beautiful place.

Sincerely,



Wayne R. Hadler

Encl.
cc: Jim Brandewie



The western, northern and eastern sides of the club house, bath house and pool complex shall be landscaped with a Type "A" screen as defined in the Carrboro Town Ordinance. The screen shall include but not be limited to redbuds and wax myrtles.

EXISTING HEDGEROW TO REMAIN UNDISTURBED

ENTRANCE SIGN LOCATIONS

SIGHT TRIANGLES

EXISTING TREES TO REMAIN

The conditional use permit (CUP) issued by the Town stipulates that the large oaks near the existing house must be retained and protected. As a result, tree protection fencing shall be installed around those trees before any onsite or road widening construction can begin.

TO SCREEN THE BACK YARDS OF THE PROPOSED LOTS:

(D) BROKEN SCREEN TYPE "C" CONSISTING OF LOBLOLLY PINES, DEODOR CEDARS, AMERICAN HOLLIES, EASTERN RED CEDARS AND LARGE FLOWERING DECIDUOUS SHRUBS

(C) TRANSITION BETWEEN PERENNIALS AND TREE SCREEN: UNMOWED PASTURE GRASS

ALONG OLD NC 86 SOUTHERN APPROACH:

(A) LAWN OF MOWN FESCUE (B) MIX OF TALL PERENNIALS & ORNAMENTAL GRASSES

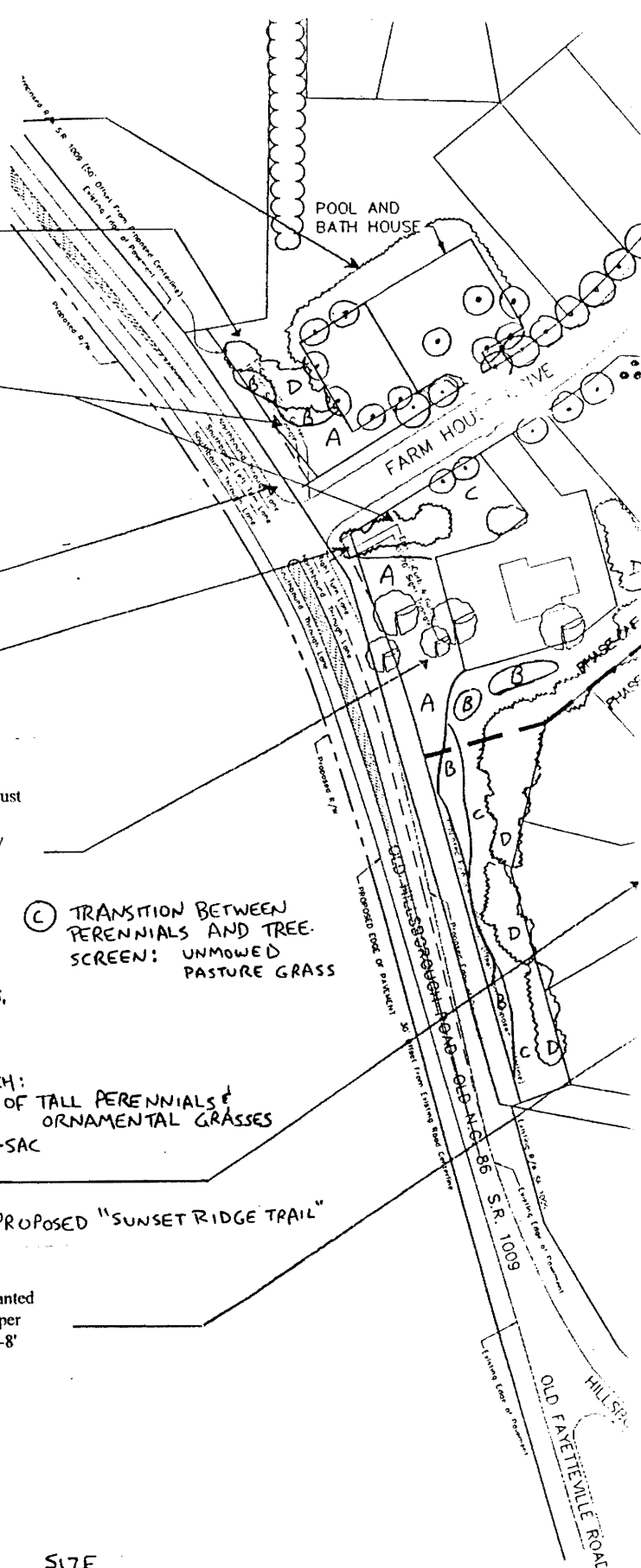
16 SCARLET OAK TREES AROUND CUL-DE-SAC PERIMETER PLANTED IN BETWEEN INDIVIDUAL DRIVES

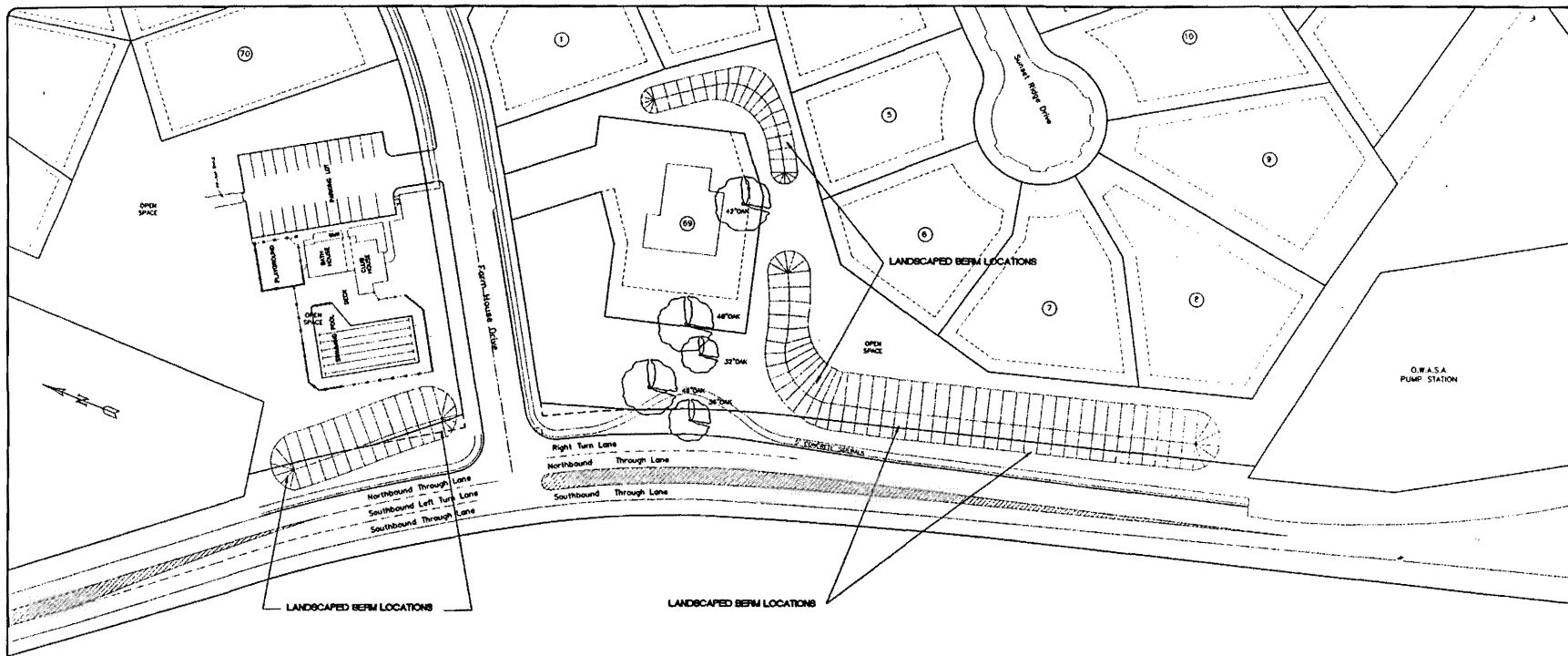
AND AS NEEDED TO COMPLY WITH SECTION 15-315 ALONG R.O.W. OF PROPOSED "SUNSET RIDGE TRAIL"

Mildew Resistant Crepe Myrtles shall be planted at the cul-de-sac intersections. Six (6) trees per corner planted 12' on center. At maturity, 6-8' height typical.

STREETSCAPE PLANT LIST

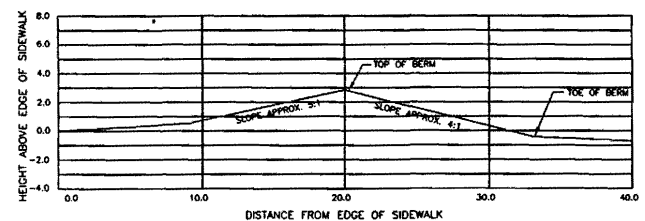
SYMBOL	NUMBER	BOTANICAL NAME	COMMON NAME	SIZE
○	92	ACER RUBRUM	RED MAPLE	2 1/2 - 3" CAL.
○	31	QUERCUS COCCINEA	SCARLET OAKS	2 1/2 - 3" CAL.
+	6	ZELKOVA SERRATA	HYBRID ZELKOVA	2 1/2 - 3" CAL.



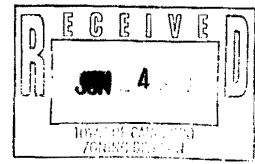


PLAN VIEW

Scale 1" = 80'



BERM TYPICAL SECTION



MICHAEL M. HUGHES, P.E.

CIVIL/ENVIRONMENTAL
ENGINEERING
LAND USE PLANNING
SITE DESIGN

8111 OLD NC 86
CHAPEL HILL, NORTH CAROLINA
27516
(919)987-2800

AS-BUILT
PLANS FOR THE
SUNSET
CREEK
SUBDIVISION

REVISIONS

DRAWN: mmh
CHECKED: mmh
SCALE: 1" = 40'
DATE: 05/15/98
TITLE:

INTERMITTENT
LANDSCAPED
BERM
LOCATIONS

SHEET NO. L-1

BOARD OF ALDERMENITEM NO. E(6)**AGENDA ITEM ABSTRACT****MEETING DATE: Tuesday, June 9, 1998**

**SUBJECT: TO HOLD A PUBLIC HEARING TO REVIEW AN APPLICATION FOR A
MODIFICATION OF THE CONDITIONAL USE PERMIT FOR THE
TELECOMMUNICATIONS TOWER AT TOWN HALL**

DEPARTMENT: PLANNING	PUBLIC HEARING: YES ___ NO <u>X</u>
ATTACHMENTS: Site Plans Appearance Commission Recommendations Photos of Existing Tower with Sprint's Proposed Antenna Array Photo of Existing Tower with AT&T's Proposed Antenna Array Structural Engineer's Report Calculated Radio Frequency Report	FOR INFORMATION CONTACT: Keith Lankford --968-7712
THE FOLLOWING INFORMATION IS PROVIDED: (X) Purpose () Analysis (X) Summary (X) Recommendation	

PURPOSE

Andrea Mansour, on behalf of Sprint and AT&T, has applied for a minor modification of the conditional use permit for the existing telecommunication tower at Town Hall. The proposed modification is requesting to add two new antenna arrays to the existing tower, and two new concrete pads and equipment cabinets in the enclosed courtyard between the Fire Station and the Town Hall. The Administration recommends that the modification to the CUP be approved.

SUMMARY

Andrea Mansour, on behalf of Sprint and AT&T, has applied for a minor modification of the conditional use permit for the existing telecommunication tower at Town Hall.

The proposed modification is requesting to add two new antenna arrays to the existing tower, and two new concrete pads and equipment cabinets/shelter in the enclosed courtyard between the Fire Station and the Town Hall.

The layout of the two new concrete pads and equipment cabinets/shelter is shown on sheet C-3 of the attached plans.

The applicant has included an structural engineering report (see attached) indicating that the existing tower can accommodate both of the proposed antenna arrays, and all of the existing equipment within the required wind and ice loads.

The applicant has also included an engineering report confirming the compliance with the federal guidelines of the power density levels which will be emitted from all of the antenna units which will be located on the tower (see attached).

Each of the applicants has included computer-generated photographs of the existing tower with their individual equipment added to it.

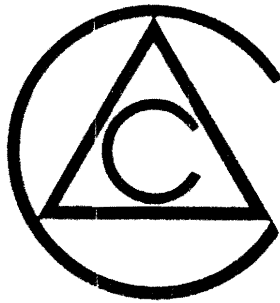
There are no proposed changes to the walkway canopy, or the brick-screening wall facing West Main Street.

There are no proposed changes to the existing landscaping and screening in this area.

Sprint is proposing to donate an emergency generator to the Town of Carrboro which will be located near the southwestern corner of the Fire Station building and screened with a wooden fence (see sheets C-3 and C-4). The details of this possible donation and its joint use are to be worked out.

RECOMMENDATION

The Administration recommends that the modification to the CUP be approved.



THURSDAY, JUNE 4, 1998

TOWN HALL TOWER

Lacking a quorum, the majority of the Appearance Commission had the following comments for the Board of Aldermen regarding the Minor Modification for the Town Hall Tower.

1. Encourage the uniformity of the size and type of antennas and other equipment as much as possible.
2. Consider the possibility of AT&T sharing the Town's icebridge or placing their icebridge on top of the existing unit to retain the same footprint.
3. Investigate the possibility for Sprint to locate their two electronic power cabinets side by side, and/or to position the cabinets so as to maintain the same horizontal plane.
4. Install tree protection fencing prior to construction and avoid the tree drip line as much as possible.
5. Install the proposed generator as close to the building and existing hedge as possible to retain some of the concrete pad for other uses.
6. Postpone constructing the wood fence, which screens the generator, to provide an opportunity for the Town to develop a unified design scheme for the southwest end of the Fire & Police building.

Members present--two (2) (Debbie Bevin, Richard Taylor); Noes--zero (0); Absent/Excused--four (4) (Alison Weiner, Elizabeth Hurley, Mary Tippens, Wendy Wenck).



Sprint Site 66
Carrboro



09-368-130-A

TeleComplete
Systems LLC
TELECOMMUNICATIONS
REAL ESTATE SPECIALISTS

Carrboro, NC

ARCADIS GERAGHTY & MILLER



Mr. Jack Langsam
Sprint PCS
3800 Gateway Centre, Suite 311
Morrisville, North Carolina 27560

ARCADIS Geraghty & Miller, Inc.
2301 Rexwoods Drive
Suite 200
Raleigh
North Carolina 27607-3366
Tel 919 782 5511
Fax 919 782 5905

Subject:
Sprint PCS Tower Analysis
Site No. RA03XC066-A1-Carrboro

TELECOMMUNICATIONS AND
LAND RESOURCES

Dear Mr. Langsam:

We are pleased to submit our revised report on the structural investigation and analysis of the monopole tower located at 301 West Main Street, Carrboro, North Carolina, in Orange County. This report supersedes our prior report dated May 18, 1998. We have concluded that the tower and foundation are adequate to support the proposed loading.

Raleigh, NC,
26 May 1998

Contact:
Rick Talley

The proposed antennas and other mountings are shown in *Table 1* (see attachment). The analysis of wind loading is based on a 70 mph wind from any direction with no radial ice, or a 61 mph wind combined with $\frac{1}{2}$ inch radial ice. These load combinations are in accordance with TIA/EIA-222-F for Orange County, North Carolina.

Extension:
155

Commercially available structural analysis software was used to model the pole. Computer input and output files are attached.

The following assumptions were used in the analysis:

- Antenna mounting details were not provided to ARCADIS Geraghty & Miller prior to the analysis. Standard low profile platform mounts provided by the tower manufacturer were assumed for all proposed new antennas. In addition, all proposed and future transmission cables were considered as routed inside the pole.
- In order to consider this analysis valid we must assume certain other provisions; these items include proper alignment and plumbness, no significant damage or deterioration to any component, and the use of steel which meets the specified yield strength of the original design.
- The carrier did not specify any limitations for antenna twist, tilt, roll, or lateral translation for the antennas in service. Therefore, we based no criteria for the adequacy of this tower on any of those factors. We have included deflection and rotation output from this analysis for information only (see *Table 2*).

ARCADIS GERAGHTY & MILLER

If any of these assumptions are not valid or have been made in error, this analysis should not be considered accurate and ARCADIS Geraghty & Miller should be allowed to review any new information to determine its effect on the adequacy of the tower.

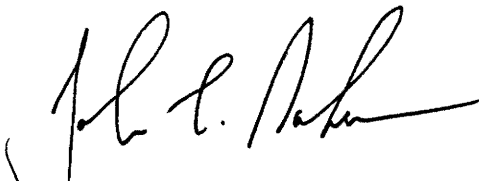
The analysis results indicate that under the proposed loading configuration, the tower and foundation is structurally adequate when subject to the assumptions noted herein. A utilized capacity percentage comparison is shown in *Table 3*.

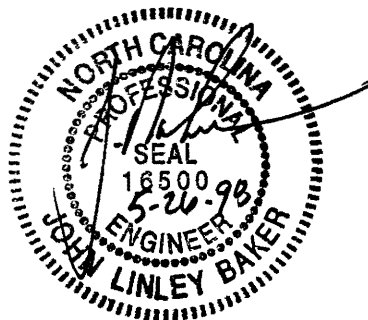
We appreciate the opportunity to perform this service and look forward to future projects with Sprint. If we can be of any additional assistance, please do not hesitate to contact us.

Sincerely,

ARCADIS Geraghty & Miller, Inc.

Richard T. Talley, P.E.
Structural Engineer


John L. Baker, P.E.
Structural Department Manager





Sprint PCSsm

Sprint Personal Communications Servicessm

Memorandum

TO: Town of Carrboro

cc:

FROM: Bryan Barbee, Senior RF Design Engineer, Sprint PCS

DATE: 26 May 1998

SUBJECT: Cumulative RF Emissions Study Results

Attached to this memo, please find the results of a cumulative RF emissions study conducted by Sprint PCS for the Carrboro tower. As is clear from the graphical summary, the total power density on the ground surrounding the tower is well below general public levels established in FCC 96-326.

The tool used to compute combined emissions levels is a proprietary Sprint PCS tool that takes into account all relevant factors including frequency, power levels, antenna location, and antenna specifications. The tool uses standard propagation models that provide very accurate estimates of RF power densities.

For the Carrboro tower, thirteen transmit antennas were included in the calculation: three Sprint PCS antennas, three BellSouth antennas, three AT&T antennas, and four Town of Carrboro antennas. All RF parameters were verified for each antenna except for the three AT&T antennas. For the AT&T antennas, we have used mounting locations and power levels which would produce maximum power densities.

B-T. Barbee M.S.E.E.

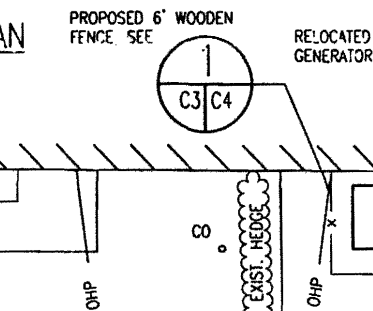
Bryan T. Barbee, M.S.E.E.
Senior RF Design Engineer
Sprint PCS

1. SEE DRAWING C-1 FOR GENERAL NOTES AND LEGEND.
2. PARKING FOR INFREQUENT VISITS BY SERVICE VEHICLE WILL BE PROVIDED WITHIN EXISTING ASPHALT PARKING LOT.
3. SEE DRAWING C-2 FOR LIMITS OF LEASE SITE.
4. SEE ALSO ELECTRICAL DRAWINGS.
5. THIS SITE IS NOT LOCATED IN A FLOOD HAZARD AREA AS MAPPED BY FEMA AND SHOWN ON FIRM #370275-0005 C DATED FEBRUARY 9, 1980.
6. ALL ANTENNA INFORMATION TO BE CONFIRMED WITH SPRINT PCS AND AT&T PRIOR TO INSTALLATION.
7. SEE STRUCTURAL DRAWINGS FOR ANTENNA MOUNTING DETAILS.
8. COORDINATE CONSTRUCTION SCHEDULE WITH TOWN OF CARRBORO.
9. CONTRACTOR TO PROTECT EXISTING EQUIPMENT AND STRUCTURES DURING CONSTRUCTION. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. DO NOT LEAVE THE SITE UNSECURED AT ANY TIME.
10. PROVIDE A BARRICADE AROUND CONSTRUCTION SITE TO PROTECT PUBLIC. COORDINATE PLACEMENT OF BARRICADE WITH TOWN OF CARRBORO CHIEF BUILDING INSPECTOR.
11. ALL EXCESS EXCAVATED MATERIAL TO BE REMOVED FROM SITE AS DIRECTED BY OWNER. CONTRACTOR TO COORDINATE WITH TOWN OF CARRBORO PUBLIC WORKS DIRECTOR, CHRIS PETERSON @ 968-7716.
12. NEW LOCATION OF GENERATOR & FENCE TO BE VERIFIED IN FIELD WITH TOWN OF CARRBORO FIRE CHIEF, RODNEY MURRAY.

SPRINT ANTENNA AND COAXIAL CABLE SCHEDULE				
SECTOR	1	2	3	GPS
RAD. CENTER	119.5'	119.5'	119.5'	10'
AZIMUTH	0°	120°	240°	N/A
CABLE LENGTH	150.0'	150.0'	150.0'	25'
CABLE SIZE	1 5/8"	1 5/8"	1 5/8"	1/2"
NO. OF CABLES	2	2	2	1

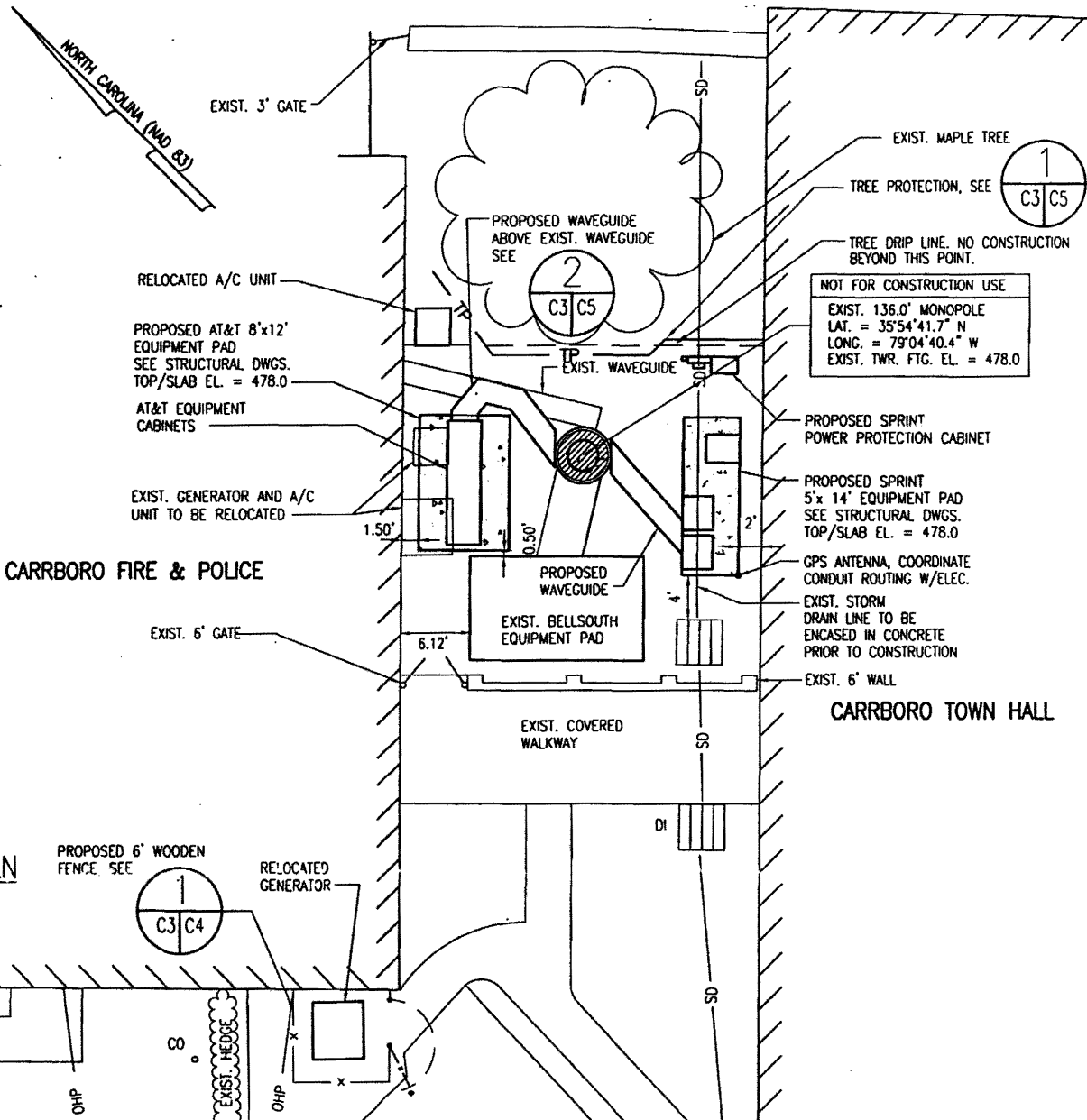
NOTE: 2 ANTENNAS PER SECTOR.

SITE LAYOUT AND GRADING PLAN



CARRBORO FIRE & POLICE

CARRBORO TOWN HALL



NO.	DATE	REVISION DESCRIPTION	BY	CHKD
1	5/21/98	ISSUED FOR PERMITTING, BIDS AND OWNER'S REVIEW	J. BLAIR	

RA03XC066A1

Sprint PCS

AT&T WIRELESS COMMUNICATIONS

SITE LAYOUT AND GRADING PLAN

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ARCADIS GERAGHTY & MILLER

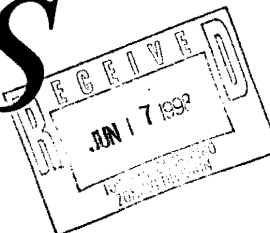
2301 Remondelle Drive
Post Office Box 31368, Raleigh, NC 27622-1368
Tel: 919/782-5511 Fax: 919/782-5805

NORTH CAROLINA PROFESSIONAL ENGINEER
No. 19050
REY ALLEN BLAIR
5/26/98
SEAL NOT VALID UNLESS SIGNED AND DATED

PROJECT MANAGER J. BLAIR	DEPARTMENT MANAGER J. LATHAM
LEAD DESIGN PROF. J. ALLEN	CHECKED J. ALLEN
DRAWN P. MEY	DATE MAY 1, 1998
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER C-3



3800 GATEWAY CENTRE
SUITE 311
MORRISVILLE, NC 27560
TEL: (919) 468-6500 FAX: (919) 468-6505



AT&T WIRELESS COMMUNICATIONS

SITE DATA

NAME: CARRBORO ZONING JURISDICTION: TOWN OF CARRBORO
SPRINT NUMBER: RA03XC066A1
AT&T NUMBER: R076A
ADDRESS: 301 W. MAIN ST.
CARRBORO, NC 27510

CONTACTS

PROPERTY OWNER
TOWN OF CARRBORO

INSPECTIONS DEPARTMENT
TOWN OF CARRBORO - KEITH LANKFORD
301 W. MAIN ST.
P.O. BOX 829
CARRBORO, NC 27510
(919) 968-7706

SPRINT PCS
PAUL KATSIRUBAS
3800 GATEWAY CENTRE
SUITE 311
MORRISVILLE, NC 27560
(919) 468-6733

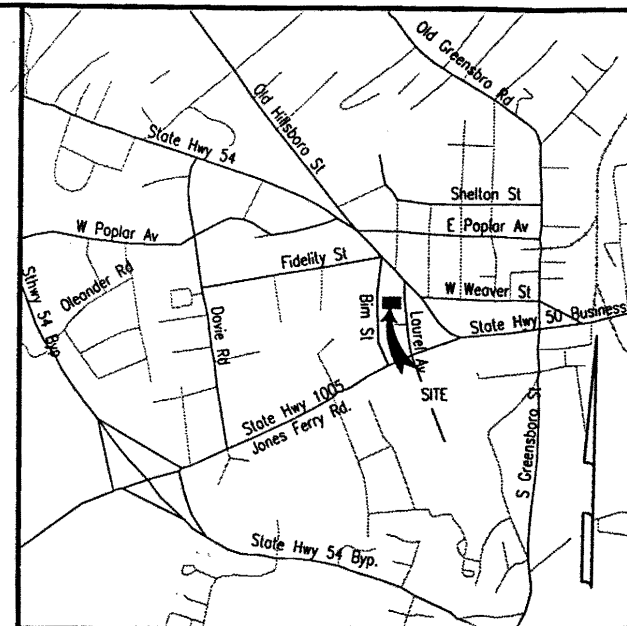
TELEPHONE COMPANY
BELLSOUTH
MR. EUTLER TYLER
3948 BROWNING PLACE
SUITE 200
RALEIGH, NC 27609
(919)-420-1921

POWER COMPANY
DUKE POWER CO.
MR. MARK ODUM
(919)-687-3124

ARCADIS / GERAGHTY & MILLER
ROBIN SAUER
ARCADIS/GERAGHTY & MILLER
2301 REXWOODS DR. SUITE 200
RALEIGH, NC 27607
(919) 782-5511

DIRECTIONS TO SITE:

TAKE 1-40 TO 54 W (EXIT 273 TOWARDS CHAPEL HILL) TO JONES FERRY ROAD/CARRBORO EXIT. TAKE RIGHT ONTO JONES FERRY ROAD. TRAVEL 1/2 OF A MILE TO A LEFT ONTO LAUREL AVENUE. TRAVEL .4 MILES TO A RIGHT INTO TOWN HALL PARKING LOT. (WEAVER LAUREL INTERSECTION) TOWER IS LOCATED BETWEEN BRICK BUILDINGS.



VICINITY MAP INDEX OF DRAWINGS

- | | |
|--|--|
| C-1 GENERAL NOTES AND LEGEND | E-3 SITE GROUNDING PLAN |
| C-2 SPRINT SITE SURVEY | E-4 SPRINT DETAILS |
| C-2.1 AT&T SITE SURVEY | E-5 PANELBOARD SCHEDULE |
| C-3 SITE LAYOUT AND GRADING PLAN | E-6 SPRINT EQUIPMENT LAYOUT DETAILS |
| C-4 SITE DETAILS | E-7 SPRINT DETAILS |
| C-5 SITE DETAILS | E-8 SPRINT DETAILS |
| S-1 SPRINT FOUNDATION PLAN AND NOTES | E-9 SPRINT EQUIPMENT LOCATION, CONDUIT ROUTING, AND GROUNDING PLAN |
| S-2 TOWER ELEVATIONS AND ANTENNA MOUNT DETAILS | E-10 SCHEMATIC DIAGRAM |
| S-3 AT&T SLAB PLAN AND DETAILS | E-11 SPRINT BTS DETAIL ON CONCRETE PAD |
| E-1 CONSTRUCTION NOTES | M-1 CONSTRUCTION NOTES |
| E-2 ENLARGED SITE PLAN | |



ARCADIS
GERAGHTY & MILLER

2301 Rexwoods Drive
Post Office Box 31388, Raleigh, NC 27622-1388
Tel: 919/782-5511 Fax: 919/782-5905

JOB NO. NC03SPRA.0066/000A1
BELLSOUTH SITE NO. 368-130-A

NORTH CAROLINA GRID (NAD 83)

CONTROL POINT
IRON REBAR SET
Y = 786635.54
X = 1976854.82
EL = 475.05

BIM STREET (30'R/W)

N.O.F.
WILLIAM D. HARRISON &
WIFE DOROTHY F. HARRISON
D.B. 208, PG. 357
ZONING: R75

LEASE SITE		
LINE	BEARING	DISTANCE
L1	N43°46'41"W	7.00'
L2	N46°13'19"E	21.00'
L3	S43°46'41"E	7.00'
L4	S46°13'19"W	21.00'

LEASE AREA : 147 S.F.

CONTROL POINT
IRON REBAR SET
EL = 467.51

N.O.F.
BETTIE L. FLASH
D.B. 624, PG. 277
ZONING: R75

NORTH CAROLINA
GRID COORDINATES
(NAD 83)
Y = 786705.08
X = 1976941.25

SPRINT LEASE SITE DETAIL

NO SCALE

LAUREL AVENUE (40'R/W)

LEGEND

- LINE SURVEYED
- - - LINE NOT SURVEYED
- IRON PIN SET
- IPF - IRON PIN FOUND
- UTILITY POLE
- OHP OVERHEAD POWER
- EP EDGE OF PAVEMENT
- SMH SANITARY MANHOLE
- STM STORM MANHOLE
- DI DROP INLET
- N.O.F. NOW OR FORMERLY

SITE SURVEY



THE TOWN OF CARRBORO
P.J.N. 9778-66-8579
D.B. 176, PG. 232
ZONING: B1-C
USE: TOWN HALL
AREA: 3.832 AC.

SPRINT LEASE SITE
(SEE DETAIL)

MAIN STREET (N.C. 54) 50'R/W

SITE AREA DETAIL

NO SCALE

NOTE:

- SEE DRAWING C-1 FOR GENERAL NOTES.
- ACCURACY TOLERANCES ARE $\pm 50'$ HORIZONTALLY AND $\pm 20'$ VERTICALLY. THE HORIZONTAL DATUM IS IN TERMS OF THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE VERTICAL DATUM IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88).
- ACCESS TO LEASE SITE TO BE OVER OR ALONG THE EXISTING ENTRANCE(S), DRIVEWAY(S), PARKING AREA(S), STAIRWAY(S), LANDSCAPED AREA(S) AND OPEN AREA(S) LOCATED ON THE PROPERTY OF WHICH THE LEASE SITE IS A PART EXTENDING TO AND FROM THE LEASE SITE AS SHOWN HEREON TO AND FROM THE ADJOINING PUBLIC RIGHT OF WAY, AS SUCH ADJOINING PUBLIC RIGHT OF WAY IS SHOWN AND DESIGNATED HEREON.
- LOCATION OF UNDERGROUND UTILITIES PROVIDED BY OTHERS.

NOTE: THE INFORMATION CONTAINED HEREON IS SUBJECT TO THE FINDINGS OF A COMPLETE AND ACCURATE OPINION OF TITLE AND TO THOSE EXCEPTIONS, IF ANY, NOTED THEREON.

A 5/21/98 ISSUED FOR PERMITTING, BIDS AND OWNER'S REVIEW BY MC
NL DATE REVISION DESCRIPTION BY CDO

RA03XC066A1

Sprint PCS

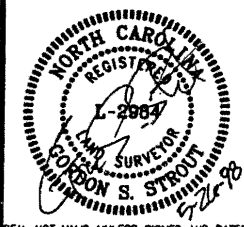
AT&T R076A
WIRELESS COMMUNICATIONS

SPRINT SITE SURVEY

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GERAGHTY & MILLER

2301 Remondino Drive
Post Office Box 31308, Raleigh, NC 27622-1308
Tel: 919/782-3311 Fax: 919/782-3805



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PRELIMINARY PLAT
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SALES, OR CONVEYANCES.

PROJECT MANAGER J. BECKMAN	DEPARTMENT MANAGER A. MALL
LEAD DESIGN PROF. J. ALLEN	CHECKED G. STROUT
DRAWN J. TORRES	DATE MAY 1, 1998
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER C-2

NORTH CAROLINA GRID (NAD-83)

CONTROL POINT
IRON REBAR SET
Y = 786635.54
X = 1976854.82
EL = 475.05

BIM STREET (30'R/W)

LEASE SITE		
LINE	BEARING	DISTANCE
L1	N43°45'29"W	10.00'
L2	N46°14'31"E	13.50'
L3	S74°02'24"E	6.73'
L4	S30°28'12"E	7.89'
L5	S46°00'00"W	9.45'
L6	N43°45'29"W	3.53'
L7	S46°14'31"W	5.63'

LEASE AREA : 192 S.F.

N.O.F.
WILLIAM D. HARRISON &
WIFE DOROTHY F. HARRISON
D.B. 208, PG. 357
ZONING: R75

N.O.F.
BETTIE L. FLASH
D.B. 624, PG. 277
ZONING: R75

CONTROL POINT
IRON REBAR SET
EL = 467.51

NORTH CAROLINA
GRID COORDINATES
(NAD 83)
Y = 786721.62
X = 1976929.07

AT&T LEASE SITE DETAIL
NO SCALE

LAUREL AVENUE (40'R/W)

LEGEND

- LINE SURVEYED
- - - LINE NOT SURVEYED
- IRON PIN SET
- IPF - IRON PIN FOUND
- UTILITY POLE
- OHP OVERHEAD POWER
- EP EDGE OF PAVEMENT
- SMH SANITARY MANHOLE
- STM STORM MANHOLE
- DI DROP INLET
- N.O.F. NOW OR FORMERLY

SITE SURVEY

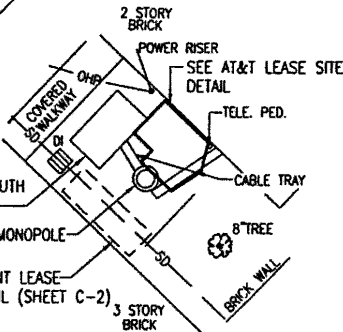


NOTE:

- SEE DRAWING C-1 FOR GENERAL NOTES.
- ACCURACY TOLERANCES ARE $\pm 50'$ HORIZONTALLY AND $\pm 20'$ VERTICALLY. THE HORIZONTAL DATUM IS IN TERMS OF THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE VERTICAL DATUM IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- ACCESS TO LEASE SITE TO BE OVER OR ALONG THE EXISTING ENTRANCE(S), DRIVEWAY(S), PARKING AREA(S), STAIRWAY(S), LANDSCAPED AREA(S) AND OPEN AREA(S) LOCATED ON THE PROPERTY OF WHICH THE LEASE SITE IS A PART EXTENDING TO AND FROM THE LEASE SITE AS SHOWN HEREON TO AND FROM THE ADJOINING PUBLIC RIGHT OF WAY, AS SUCH ADJOINING PUBLIC RIGHT OF WAY IS SHOWN AND DESIGNATED HEREON.
- LOCATION OF UNDERGROUND UTILITIES PROVIDED BY OTHERS.

THE TOWN OF CARRBORO
P.L.N. 9778-66-8579
D.B. 176, PG. 232
ZONING: B1-G
USE: TOWN HALL
AREA: 3.832 AC.

AT&T LEASE SITE
(SEE DETAIL)



SITE AREA DETAIL

NO SCALE

NOTE: THE INFORMATION CONTAINED HEREON IS SUBJECT TO THE FINDINGS OF A COMPLETE AND ACCURATE OPINION OF TITLE AND TO THOSE EXCEPTIONS, IF ANY, NOTED THEREON.

A 5/21/98 ISSUED FOR PERMITTING AND OWNER'S REVIEW
NO. DATE REVISION DESCRIPTION BY CDD

RA03X066A1

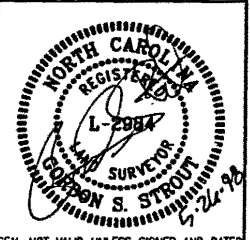
Sprint PCS
AT&T WIRELESS COMMUNICATIONS

AT&T SITE SURVEY

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2301 Remondino Drive
P.O. Office Box 31388, Raleigh, NC 27622-1388
Tel: 919/782-5511 Fax: 919/782-5805



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PRELIMINARY PLAT
NOT FOR RECORDATION,
SALES, OR CONVEYANCES.

PROJECT MANAGER J. BECKMAN	DEPARTMENT MANAGER A. HALL
LEAD DESIGN PRG. J. ALLEN	CHECKED G. STROUT
DRAWN J. TOBOLSKI	DATE MAY 1, 1998
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER C-21

1"x6" BOARD - TYP.
ATTACH TO RAILS WITH
2-6d NAILS PER RAIL

3/4" SPACING
BETWEEN BOARDS

2"x6" TOP RAIL
ATTACHED TO POSTS
WITH 3-20d NAILS

2"x6" MIDDLE RAIL
ATTACHED TO POSTS
WITH 3-20d NAILS

2"x6" BOTTOM RAIL
ATTACHED TO POSTS
WITH 3-20d NAILS

4x4 POST

SIDE VIEW

4.0" O.D.
STD. PIPE
GATE POSTS

4" GATE TO BE OF
1"x6" BOARD - TYP.
ATTACH TO RAILS WITH
2-6d NAILS PER RAIL

DUCKBILL LATCH
WITH CENTER STOP
AND DROP BAR

BRACE RAIL
1-5/8" O.D.
STD. PIPE

DROP BOLTS WITH
LOCKING TUBES SET
IN 24" x 12" x 8"
CONCRETE PAD

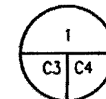
42" x 16" DIA.
CONCRETE FOOTING

NOTE:
ONE ADDITIONAL "LOCKING PAD" IS TO
BE INSTALLED FOR OPEN GATE. LOCATION
TO BE DETERMINED IN FIELD BY THE
CONSTRUCTION MANAGER.

VEHICULAR GATES

NOTES:

1. POST, RAIL, AND GATE FITTINGS TO BE PRESSED STEEL OR MALLEABLE CASTING. (ASTM A153)
2. ALL POSTS SHALL HAVE WEATHER CAPS INSTALLED.
3. POSTS TO BE SET IN 3000 PSI CONCRETE. BOTTOM OF CONCRETE TO BE 2" MIN. FROM BOTTOM OF POST.
4. ALL WOOD SHALL BE TRTATED BY OSMOSE, OR APPROVED EQUAL, CLASS 2, BUILDER'S GRADE.
5. PAINT ALL EXPOSED WOOD WITH SEARS WEATHERBEATER REDWOOD STAIN, OR APPROVED EQUAL.
6. ALL NAILS AND FASTENERS SHALL BE GALVANIZED.



SECURITY FENCING

SCALE: NONE

A	5/21/98	ISSUED FOR PERMITTING, BIDS AND OWNER'S REVIEW	BY	JA
NO.	DATE	REVISION DESCRIPTION	BY	CHK

RA03XC066A1

Sprint PCS

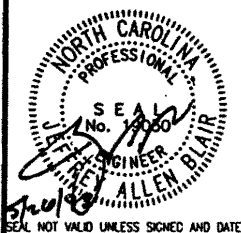
AT&T R076A
WIRELESS
COMMUNICATIONS

SITE DETAILS

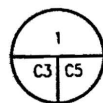
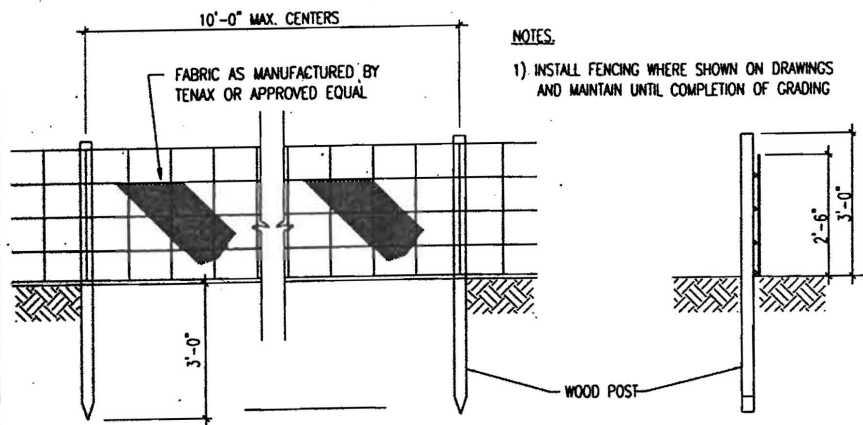
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ARCADIS
GERAGHTY & MILLER

2301 Remond Drive
Post Office Box 31388, Raleigh, NC 27622-1388
Tel: 919/782-5511 Fax: 919/782-5885



PROJECT MANAGER J. BLAIR	DEPARTMENT MANAGER J. LABIAN
LEAD DESIGN PROF. J. ALLEN	CHECKED J. ALLEN
DRAWN P. MEY	DATE MAY 1, 1998
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER C-4

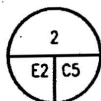
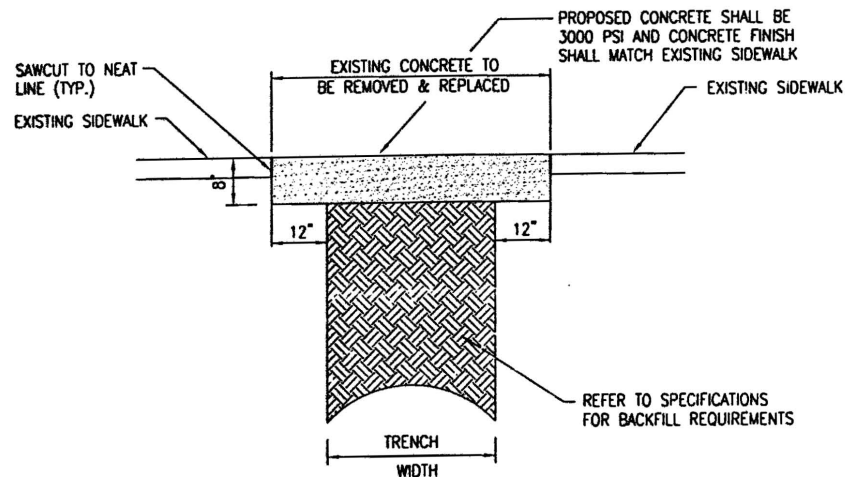


TREE PROTECTION BARRICADE

SCALE: NONE

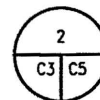
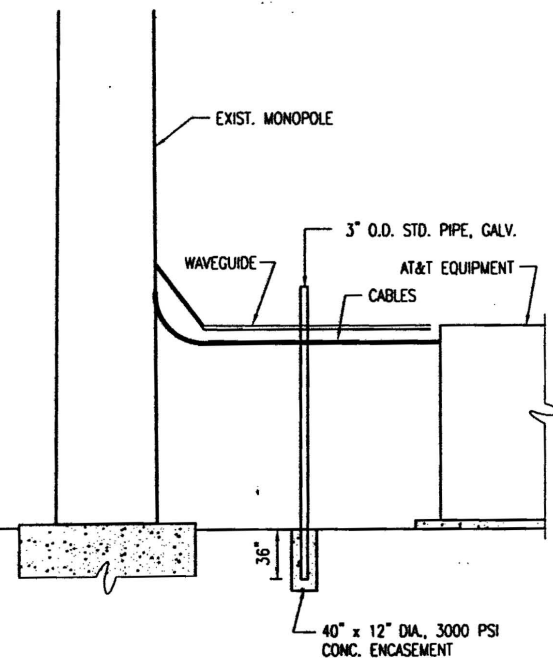
NOTES:

1. TREE PROTECTION BARRICADES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE PROTECTION MEASURES SHALL BE PROPERLY MAINTAINED DURING SITE DEVELOPMENT AND SHALL NOT BE REMOVED PRIOR TO FINAL LANDSCAPING.
2. REMOVE ALL BARRIERS UPON COMPLETION OF PROJECT AND FILL THE HOLES.



CONCRETE REPAIR

SCALE: NONE



AT&T WAVEGUIDE DETAIL

SCALE: NONE

B	5/13/98	ADDED DETAIL #3	PI
A	5/21/98	ISSUED FOR PERMITTING, BIDS AND OWNER'S REVIEW	PI
NO.	DATE	REVISION DESCRIPTION	BY

RA03XC066A1

Sprint PCS

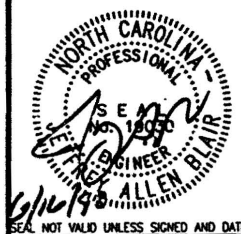
AT&T WIRELESS COMMUNICATIONS

SITE DETAILS

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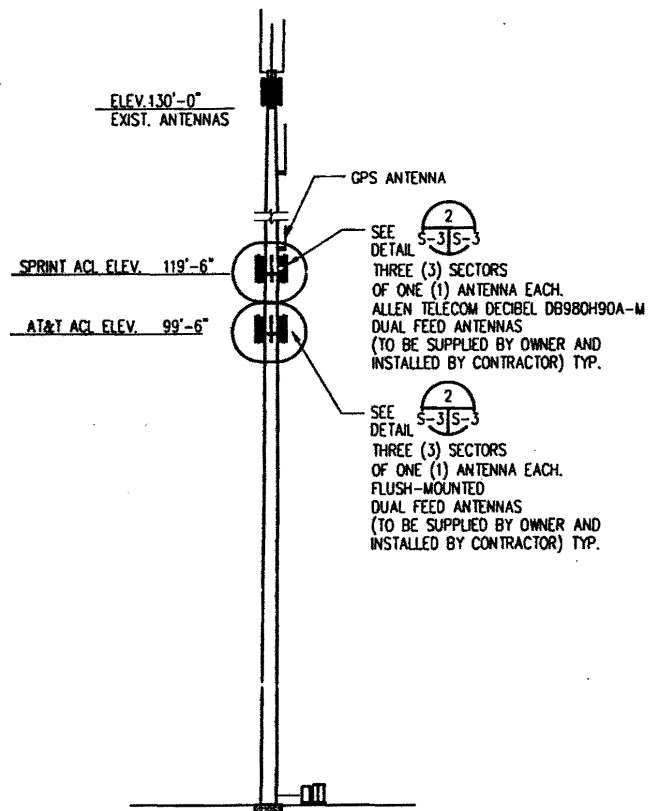
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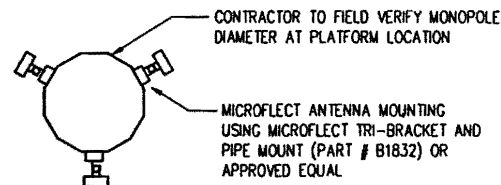


PROJECT MANAGER J. BLAIR	DEPARTMENT MANAGER J. LATHAM
LEAD DESIGN PROF. J. ALLEN	CHECKED J. ALLEN
DRAWN P. MEY	DATE MAY 1, 1998
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER C-5

CABLE TABLE				
HELIAX COAXIAL CABLE ANDREW CAT. NO.	NOMINAL CABLE SIZE	HANGER ANDREW CAT. NO.	CABLE TO CABLE SPACING (D)	MAXIMUM HANGER SPACING (Y)
LDF4-50A	1/2"	206706-1	1/2"	3'-0"
LDF6-50	1 1/4"	206706-3	1/2"	3'-0"
LDF7-50A	1 5/8"	206706-14	1/2"	3'-0"
* STANDARD HANGER CONNECTIONS				
SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR				



1
S-3 S-3
TOWER ELEVATION
NO SCALE



2
S-3 S-3
DETAIL - ANTENNA MOUNT PLATFORM
NO SCALE

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SPRINT FOUNDATION PLAN
AND NOTES

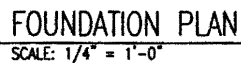
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PROJECT MANAGER J. BECKMAN	DEPARTMENT MANAGER J. BAKER
LEAD DESIGN PROJ. E. QUERR	CHECKED R. TALLEY
DRAWN E. QUERR	DATE 5/1/98
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER S-2



SPRINT ENLARGED SITE PLAN NOTES:

1. POWER COMPANY SHALL TERMINATE THE POWER CABLES (SUPPLIED AND INSTALLED BY POWER CO.) AT THE UTILITY METER MOUNTED ON THE EXISTING 4-GANG METERING ENCLOSURE.
2. CONDUIT LINES SHALL HAVE A CONTINUOUS SLOPE DOWNWARD AND AWAY FROM THE PROTECTION CABINET SO THAT WATER WILL FLOW AWAY FROM THE CABINET. TRENCHES SHALL BE EXCAVATED ALONG STRAIGHT LINES BEFORE CONDUITS ARE LAID SO THE ELEVATION CAN BE ADJUSTED, IF NECESSARY, TO AVOID UNSEEN OBSTRUCTIONS. MANUFACTURED BENDS SHALL HAVE A MINIMUM RADIUS OF 36" FOR CONDUITS.
3. EACH CONDUIT IS TO BE TAPED AT EACH END, MARKED AND LABELED APPROPRIATELY. COORDINATE EXACT TERMINATION POINT OF CONDUITS WITH SPRINT PCS, CABINET TEMPLATES, AND CONDITIONS AT TIME OF INSTALLATION.
4. THIS DRAWING IS TO BE USED ALONG WITH SPRINT PCS EQUIPMENT PLANS, POWER SPECIFICATIONS AND DETAILS.
5. EQUIPMENT CABINETS TO BE PROVIDED BY SPRINT PCS AND INSTALLED BY THE CONTRACTOR.
6. ALL CONDUITS ENTERING THE EQUIPMENT CABINETS SHALL BE SEALED WITH SEALANTS THAT ARE IDENTIFIED FOR USE WITH THE CABLE INSULATION SHIELD OR OTHER COMPONENTS.

SPRINT GROUNDING SITE PLAN NOTES:

7. THE CONTRACTOR SHALL NOTIFY THE SPRINT ENGINEER WHEN THE GROUNDING SYSTEM IS COMPLETE. THE CONSTRUCTION MANAGER SHALL INSPECT THE GROUNDING SYSTEM PRIOR TO BACKFILLING.
8. MINIMUM SPACING BETWEEN GROUND RODS IS 10'-0".
9. GROUND RINGS TO BE COMPRISED OF #2 AWG SOLID TINNED COPPER WIRE, BURIED AT 30" (MIN) BELOW FINISHED GRADE. BELOW GRADE CONNECTIONS SHALL BE CADWELDED, ABOVE GRADE CONNECTIONS SHALL BE EITHER HI-PRESS CRIMPED OR MECHANICAL BOND.
10. GROUNDING LEADS FROM COUNTERPOISE TO EQUIPMENT TO BE OF SUFFICIENT LENGTH TO REACH LOCATION AS SPECIFIED BY SPRINT CELLULAR, WITH A MINIMUM LENGTH OF 36".
11. CONTRACTOR TO OBTAIN COPY OF SPRINT CELLULAR SITE SPECIFICATIONS (GROUNDING/POWER ETC) AND COORDINATE WITH SPRINT FOR REQUIREMENTS AND DETAILS WHICH MAY NOT BE SPECIFICALLY ADDRESSED IN THESE DRAWINGS.
12. GROUND CONDUCTOR BENDS SHALL NOT BE LESS THAN 6" RADIUS.
13. CONTRACTOR TO LOCATE AND IDENTIFY ALL UNDERGROUND UTILITIES AND GROUNDING WIRES PRIOR TO TRENCHING. DAMAGE CAUSED TO EXISTING SYSTEM SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
14. GROUNDING OF CABINETS TO BE ACCOMPLISHED BY ROUTING #2 AWG SOLID TINNED COPPER GROUNDING CONDUCTOR UNDER EQUIPMENT PAD, THROUGH PVC CONDUIT, AND INTO BASE OF CABINET VIA ACCESS PROVIDED OR TEMPLATE. GROUNDING LEADS ABOVE SURFACE SHALL USE TWO HOLE LONG-BARREL CRIMP LUGS (SEE SPECIFICATIONS FOR ADDITIONAL DETAILS). DRILL AND TAP TWO BOLTS PER LUG IN FRAMES. PROVIDE WASHER AND LOCK WASHER ON EACH BOLT.

AT&T ENLARGED SITE PLAN NOTES:

15. CONTRACTOR SHALL ROUTE 2 1/2" POWER CONDUIT WITH WIRES TO EXISTING MULTI-METERING BASE AND TURN UP INTO ENCLOSURE. COORDINATE WITH LOCAL UTILITY FOR WIRING INTO SPARE METER.
16. CONDUIT LINES SHALL HAVE A CONTINUOUS SLOPE DOWNWARD AND AWAY FROM THE EQUIPMENT SO THAT WATER WILL FLOW AWAY FROM THE EQUIPMENT. TRENCHES SHALL BE EXCAVATED ALONG STRAIGHT LINES BEFORE CONDUITS ARE LAID SO THE ELEVATION CAN BE ADJUSTED, IF NECESSARY, TO AVOID UNSEEN OBSTRUCTIONS. MANUFACTURED BENDS SHALL HAVE A MINIMUM RADIUS OF 36" FOR CONDUITS.
17. EACH CONDUIT IS TO BE TAPED AT EACH END, MARKED AND LABELED APPROPRIATELY. COORDINATE EXACT TERMINATION POINT OF CONDUITS ENTERING EQUIPMENT WITH CONDITIONS AT TIME OF INSTALLATION.
18. THIS DRAWING IS TO BE USED ALONG WITH AT&T POWER SPECIFICATIONS AND DETAILS.
18. ALL CONDUITS ENTERING THE EQUIPMENT SHALL BE SEALED WITH SEALANTS THAT ARE IDENTIFIED FOR USE WITH THE CABLE INSULATION SHIELD OR OTHER COMPONENTS.
20. STUB-UP AND TERMINATE THE TELCO CONDUITS INTO THE SERVICE/TELCO/RF BAY ENCLOSURE.
21. STUB-UP SPARE 3" TELCO CONDUIT INTO A NEMA 3R ENCLOSURE (6" TALL X 12" WIDE X 12" DEEP) AT THE EXTERIOR WALL OF THE TOWN HALL BUILDING.

AT&T GROUNDING SITE PLAN NOTES:

22. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER WHEN THE GROUNDING SYSTEM IS COMPLETE. THE CONSTRUCTION MANAGER SHALL INSPECT THE GROUNDING SYSTEM PRIOR TO BACKFILLING.
23. MINIMUM SPACING BETWEEN GROUND RODS IS 10'-0".
24. GROUND RINGS TO BE COMPRISED OF #2 AWG SOLID TINNED COPPER WIRE, BURIED AT 18" (MIN) BELOW FINISHED GRADE. BELOW GRADE CONNECTIONS SHALL BE CADWELDED, ABOVE GRADE CONNECTIONS SHALL BE EITHER HI-PRESS CRIMPED OR MECHANICAL BOND.
25. #2 AWG GROUNDING LEADS FROM COUNTERPOISE TO EQUIPMENT TO BE OF SUFFICIENT LENGTH TO REACH THE LOCATION AS SPECIFIED BY AT&T, WITH A MINIMUM LENGTH OF 36".
26. GROUND CONDUCTOR BENDS SHALL NOT BE LESS THAN 8" RADIUS.
27. CONTRACTOR TO LOCATE AND IDENTIFY ALL UNDERGROUND UTILITIES AND GROUNDING WIRES PRIOR TO TRENCHING. DAMAGE CAUSED TO EXISTING SYSTEM SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
28. SEE AT&T "FACILITY GROUNDING AND SURGE SUPPRESSION STANDARD" FOR ADDITIONAL REQUIREMENTS INCIDENTAL TO INSTALLATION.

NO.	DATE	ISSUED FOR PERMITTING, BIDS AND OWNER'S REVIEW	BY	DATE
		REVISION DESCRIPTION	BY	DATE

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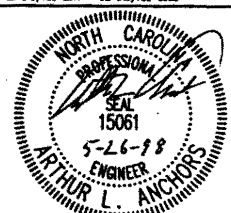
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CONSTRUCTION
NOTES

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PROJECT MANAGER J. LATHAM	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROJ. R. WATT	CHECKED A. ANCHORS
DRAWN J. KLEINERT	DATE 4/28/98
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER E1

RELOCATE EXISTING AC
CONDENSING UNIT COMPLETE
WITH CONDENSATE LINES.
REPLACE EXISTING DISCONNECT
WITH JUNCTION BOX. INSTALL
2/10, 110G, IN 3/4" C TO NEW
LOCATION SHOWN AND INSTALL
NEW 30 AMP DISCONNECT.

NEW 3'x3' PRECAST
REINFORCED CONCRETE
AIR CONDITIONER PAD
BY THIS CONTRACTOR

RELOCATED CONDENSING
UNIT SERVICE

2" PVC POWER
CONDUIT

EXISTING MULTI-METER BASE

LCP-12 TO GENERATOR

SAW-CUT CONCRETE
REPAIR TO D.O.T. STANDARDS
SEE CIVIL DRAWINGS

CARRBORO FIRE & POLICE

EMERGENCY POWER SERVICE
(2) 3/2" 8G, 1 1/2" C

NEW 5'x5' CONCRETE
GENERATOR PAD BY
THIS CONTRACTOR SEE
DETAIL 1/E2 AND S1
FOR NOTES

SAW-CUT CONCRETE
REPAIR TO D.O.T. STANDARDS
SEE CIVIL DRAWINGS

ENLARGED SITE PLAN

SCALE: 1/8" = 1'-0"

2" PVC TELCO
CONDUIT

2" PVC POWER
CONDUIT

POWER PROTECTION
CABINET, SEE DETAIL 3/E4

2" PVC TELCO
CONDUIT

RPEC CABINET

TO TELCO PANEL
INSIDE OF BUILDING
BTS EXPANSION CABINET

BTS CABINET

NOTE:
COORDINATE GENERATOR
HOOK-UP WITH TOWN OF
CARRBORO FIRE CHIEF,
RODNEY MURRAY.

CARRBORO TOWN HALL

UTILITY CONTACTS FOR

NATURAL GAS:

PUBLIC SERVICE COMPANY:
MR. FRED WEAVER
919-918-3015

VERIFY BTU REQUIREMENTS AND
INSTALL DATE WITH PSC REP
PRIOR TO CONSTRUCTION

TELEPHONE:

BELLSOUTH
CONTRACTOR FOR BELLSOUTH:
TELECOMMUNICATIONS & INDUSTRIAL
CONSULTING SERVICES
MR. BUTLER TYLER
3948 BROWNING PLACE, SUITE 200
RALEIGH, N.C. 27609
919-420-1921

ELECTRIC:

DUKE POWER COMPANY
MR. MARK ODOM
919-687-3124
1-800-653-5307

ANCHOR BOLT W/3" MIN EMBED & 1/2"x3"x3" WELDED AT BOTTOM

EXISTING
CONC. SLAB

3/4" CHAMFER

4 @ 12" EW

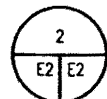
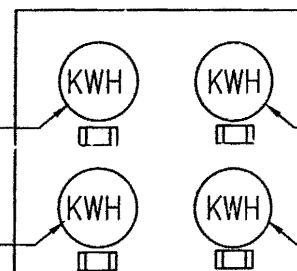
#6 DOWELS @ 36" EW
SET IN NON-EXPANSIVE
GROUT

NOTE: COORD. EXACT SIZE AND LOCATION OF
ANCHOR BOLTS W/ EQUIPMENT MANUFACTURERS.



SECTION - EQUIPMENT PAD (TYP)

NO SCALE



EXISTING FOUR GANG METERING ENCLOSURE

SCALE: NTS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD
0	6/15/98	REVISED PER OWNER COMMENTS	AK	AK
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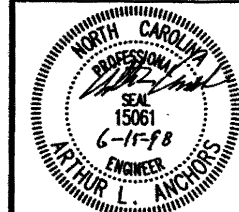
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ENLARGED
SITE PLAN

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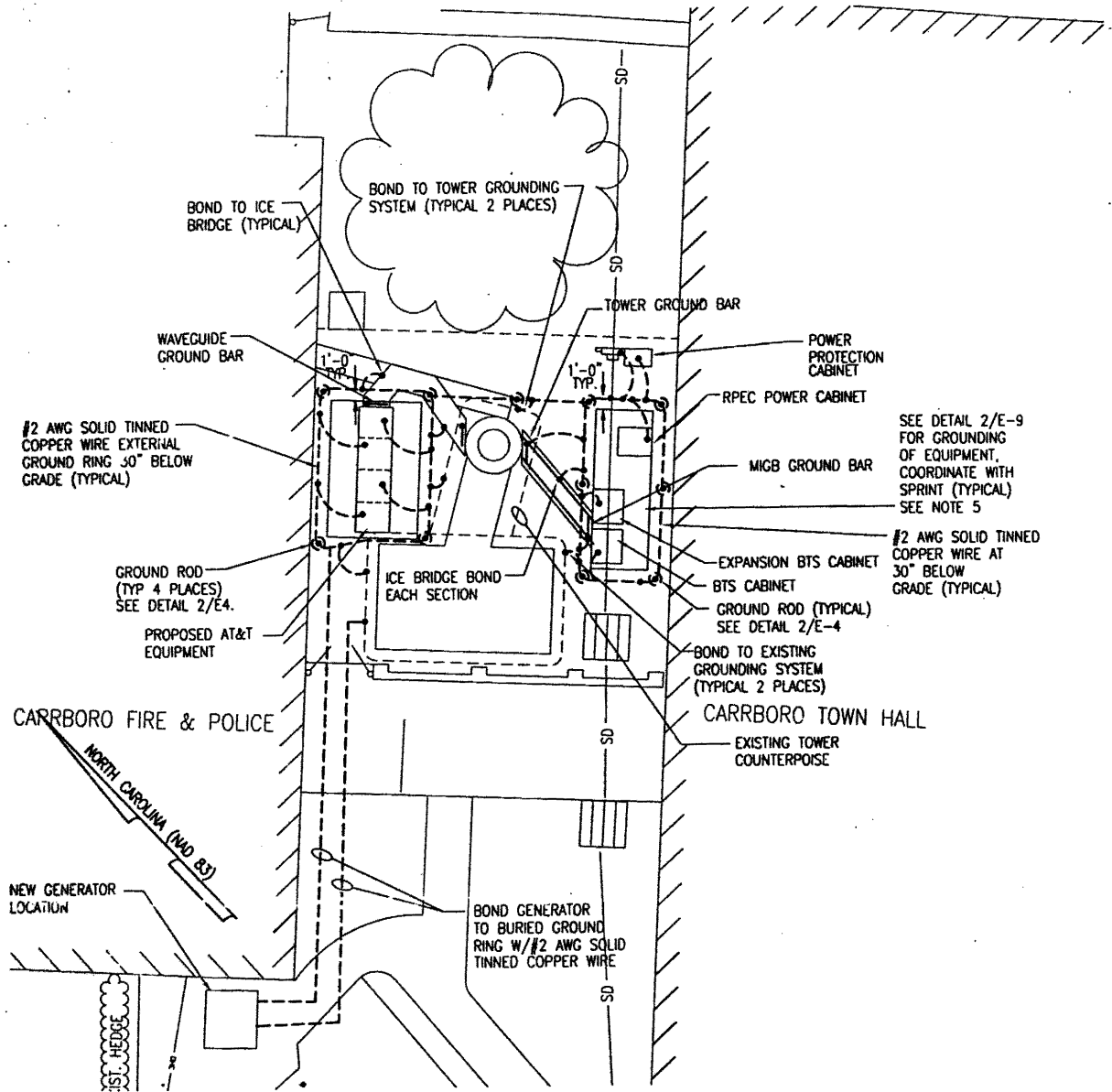
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PROJECT MANAGER A. TATHAN	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROF. R. WHITT	CHECKED A. ANCHORS
DRAWN A. KLEMMERT	DATE 5/28/98
PROJECT NUMBER NCOSFRA.C066	DRAWING NUMBER E2

File name = CARR-501.DWG
User name = J. KLEINER
AutoCAD Version = 14.0
02-13-1998 07:42:39



SITE GROUNDING PLAN
SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND

- UNDERGROUND CONDUIT
- EXISTING UNDERGROUND GROUNDING SYSTEM
- GROUND CABLE RUN BELOW GRADE
- 10" x 5/8" DIAMETER COPPER CLAD, STEEL GROUND ROD.
- EXOTHERMIC CONNECTION OF BURIED GROUND CABLE TO GROUND ROD
- SUBGRADE GROUNDING CABLE TO CABLE CONNECTION USING EXOTHERMIC PROCESS.
- INSPECTION SLEEVE (HANDHOLE)
- EXOTHERMIC WELD OR MECHANICAL GROUND ROD
- ⊞ ELECTRICAL METER
- ⊞ FUSED SERVICE DISCONNECT SWITCH
- ⊞ GENERATOR RECEPTACLE

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SITE GROUNDING PLAN

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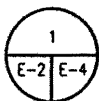
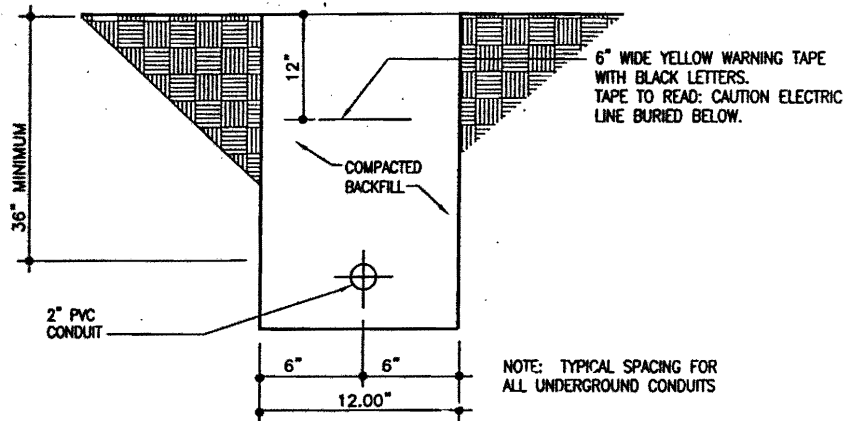
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NORTH CAROLINA PROFESSIONAL SEAL 15061 5-26-98 ENGINEER ARTHUR L. ANCHORS

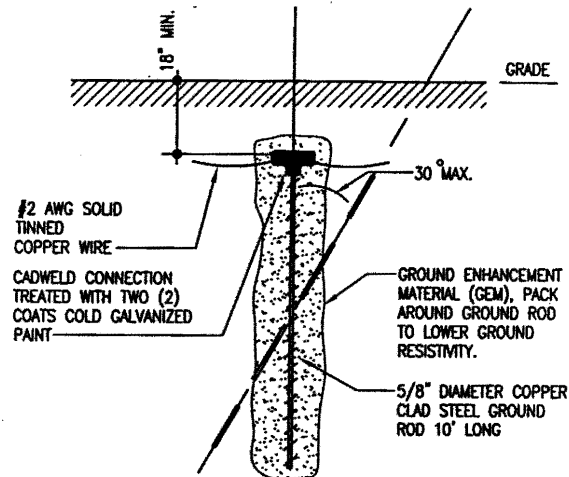
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PROJECT MANAGER J. LATHAM	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROF. R. WHITE	CHECKED A. ANCHORS
DRAWN J. KLEINER	DATE 4/28/98
PROJECT NUMBER NCOSPRAC066	DRAWING NUMBER E3



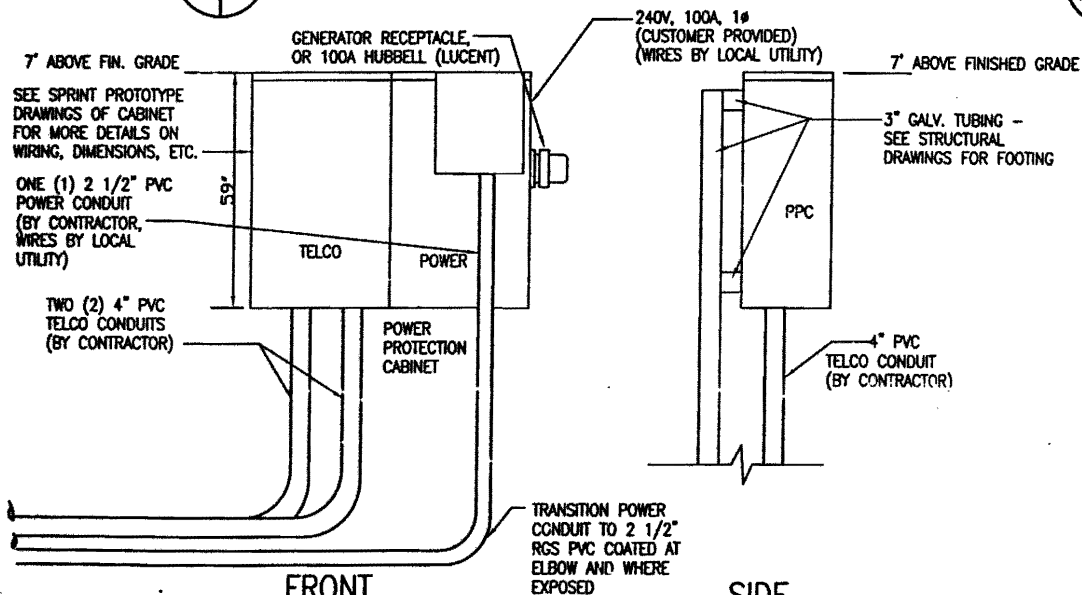
UTILITY TRENCH DETAIL

SCALE: NTS



TYPICAL GROUND ROD

SCALE: NTS



FRONT SIDE SPRINT POWER PROTECTION CABINET DETAIL

SCALE: NTS

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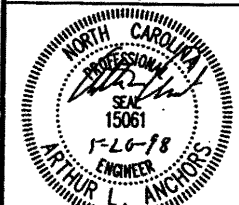
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PROJECT MANAGER J. LATHAM	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROJ. B. WHITT	CHECKED A. ANCHORS
DRAWN J. KLEBERT	DATE 4/20/98
PROJECT NUMBER NCOSPRAC066	DRAWING NUMBER E4

SEE NOTE 3.

1. INSTALL A 2 POLE, 20A, 240V CIRCUIT BREAKER AT CIRCUIT 3&4 TO FEED BOE CABINET (AIC RATING TO MATCH EXISTING).
2. REPLACE EXISTING 2 POLE, 100A, 240V CIRCUIT BREAKER AT CIRCUIT 1&2 WITH 2 POLE, 20A, 240V CIRCUIT BREAKER TO FEED BTS CABINET (AIC RATING TO MATCH EXISTING).
3. BREAKER AND CIRCUIT INSTALLED BY CONTRACTOR.

SCALE: NTS

120/240V-1 ϕ -3W SERVICE

TOTAL CONNECTED LOAD 38.38 KVA
CONTINUOUS LOAD $38.38 \times 125\% = 47.975$ KVA
 $47.975/240$ VOLTS = 199.99 AMPS

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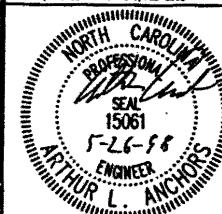
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SPRINT PANELBOARD SCHEDULE

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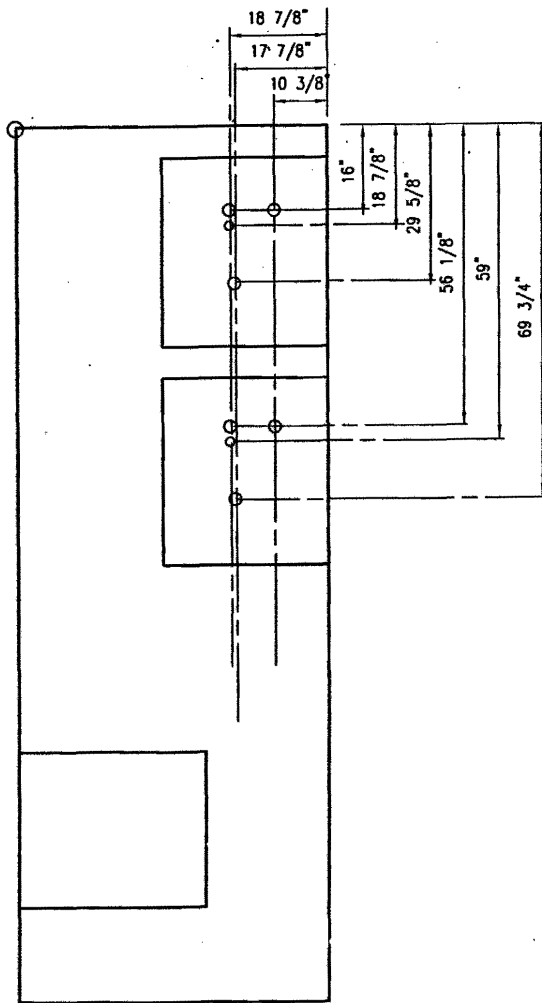


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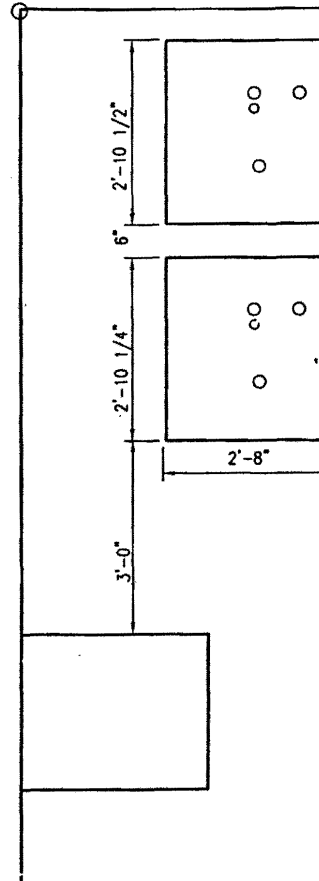
PROJECT MANAGER J. LATHAN	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROF. R. WATT	CHECKED A. ANCHORS
DRAWN J. KLEINERT	DATE 4/26/98
PROJECT NUMBER NCD3SPRA.C066	DRAWING NUMBER E5



1
 E-2 | E-6

CONDUIT ACCESS LAYOUT DETAIL

SCALE: AS SHOWN



2
 E-2 | E-6

SLAB LAYOUT DETAIL

SCALE: AS SHOWN

NOTE:

ALL DETAILS SHOWN ON THIS
 SHEET ARE FOR SPRINT PCS
 EQUIPMENT.

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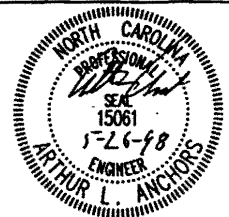
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 LAYOUT DETAILS

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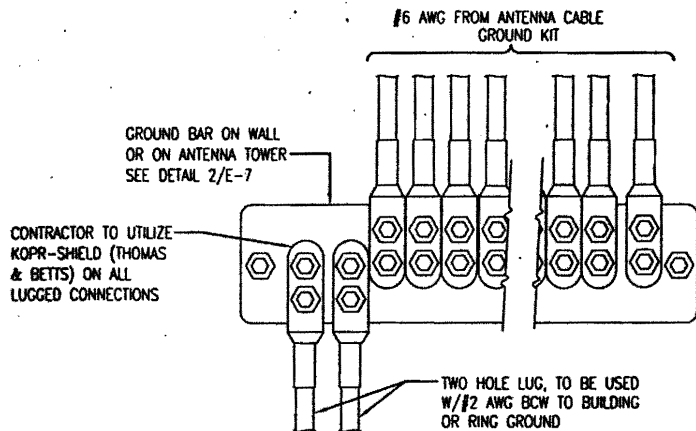
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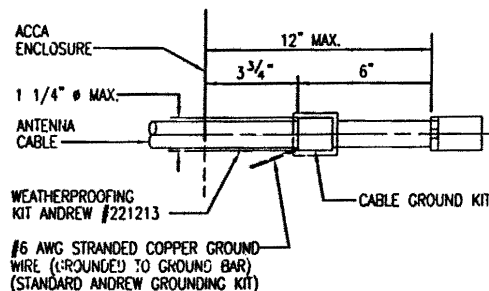
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PROJECT MANAGER J. LATHAM	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROJ. R. WHITT	CHECKED A. ANCHORS
DRAWN J. WILSON	DATE 5/26/98
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER E6

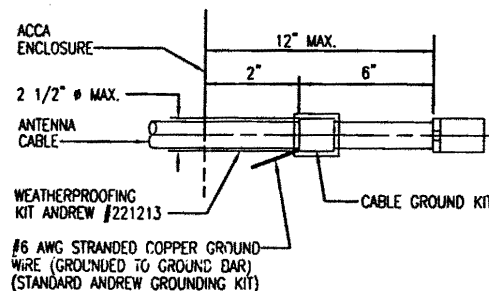


GROUND WIRE INSTALLATION TO GROUND BAR

NO SCALE



TO ANTENNA GPS CABLE



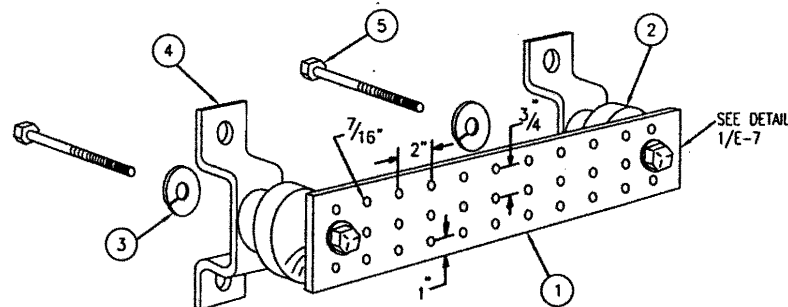
TO ANTENNA CABLE

NOTE: DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.



CABLE GROUND KIT CONNECTION

NO SCALE



LEGEND

- 1 - COPPER GROUND BAR, 1/4" x 4" x 20" MIN., NEWTON INSTRUMENT CO. CAT. NO. B-6142. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION
- 2 - INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4
- 3 - 5/8" LOCKWASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-8
- 4 - WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT. NO. A-6056
- 5 - 5/8-11 X 1" H.H.C.S.BOLTS, NEWTON INSTRUMENT CO. CAT. NO. 3012-1
- 6 - GROUND BAR SHALL BE SIZED TO ACCOMMODATE ALL GROUNDING CONNECTIONS REQUIRED PLUS PROVIDE 50% SPARE CAPACITY



GROUND BAR

NO SCALE

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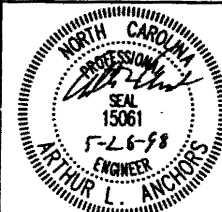
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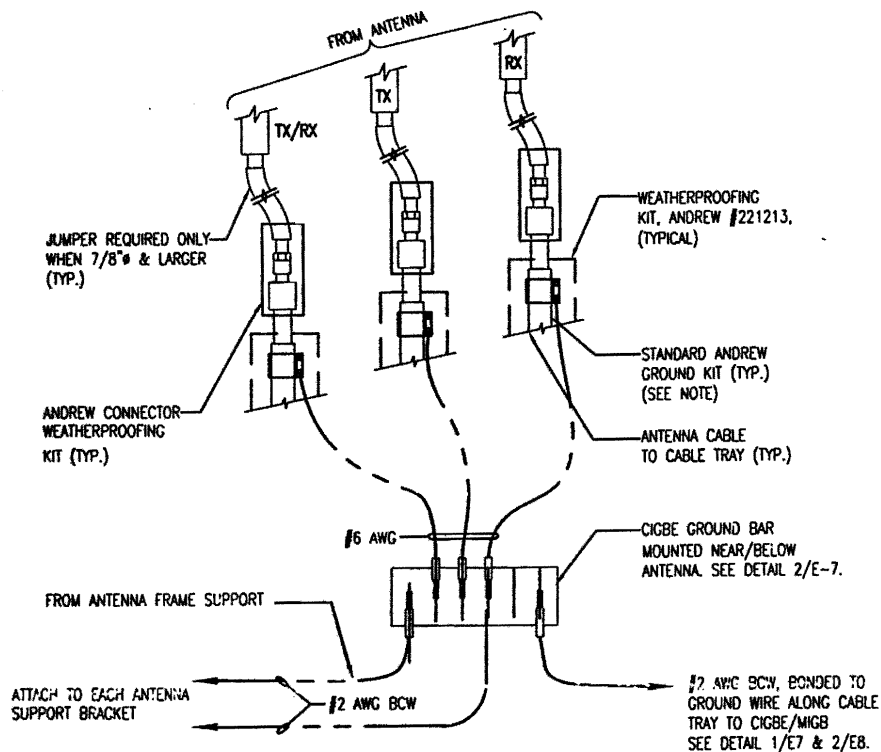
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2301 Remounts Drive
P.O. Box 31388, Raleigh, NC 27622-1388
Tel: 919/782-5511 Fax: 919/782-5800



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PROJECT MANAGER J. LATHAN	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROF. R. WHITT	CHECKED A. ANCHORS
DRAWN J. KLEINERT	DATE 4/28/98
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER E7

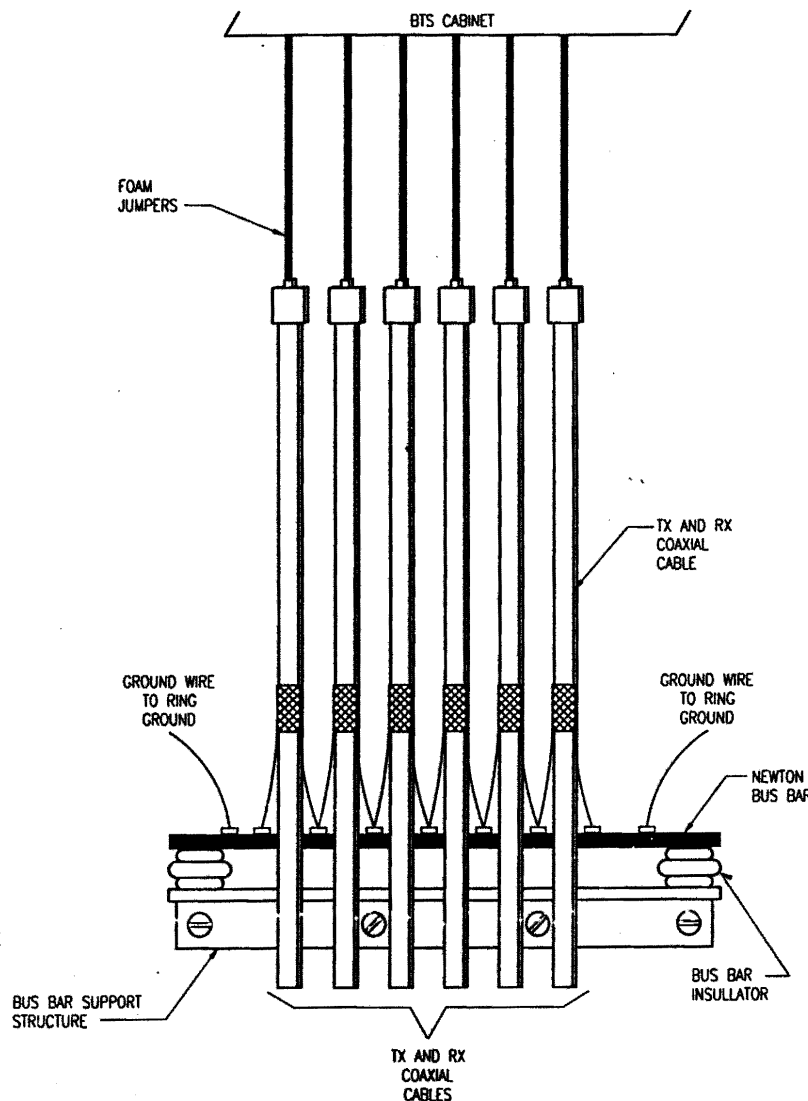


NOTE: DO NOT INSTALL CABLE GROUND KIT AT A BEND ALWAYS DIRECT GROUND WIRE DOWN TO CIGBE

1
E8/E8

CONNECTION OF GROUND WIRES TO GROUNDING BAR @ ANTENNAS

NO SCALE



2
E8/E8

CABLE CONNECTION/GROUNDING DETAIL

NO SCALE

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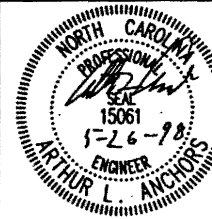
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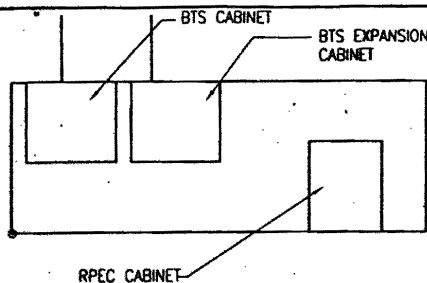
ARCADIS GERAGHTY & MILLER

2301 Innisbrook Drive
Post Office Box 31308, Raleigh, NC 27622-1308
Tel: 919/782-5511 Fax: 919/782-5905

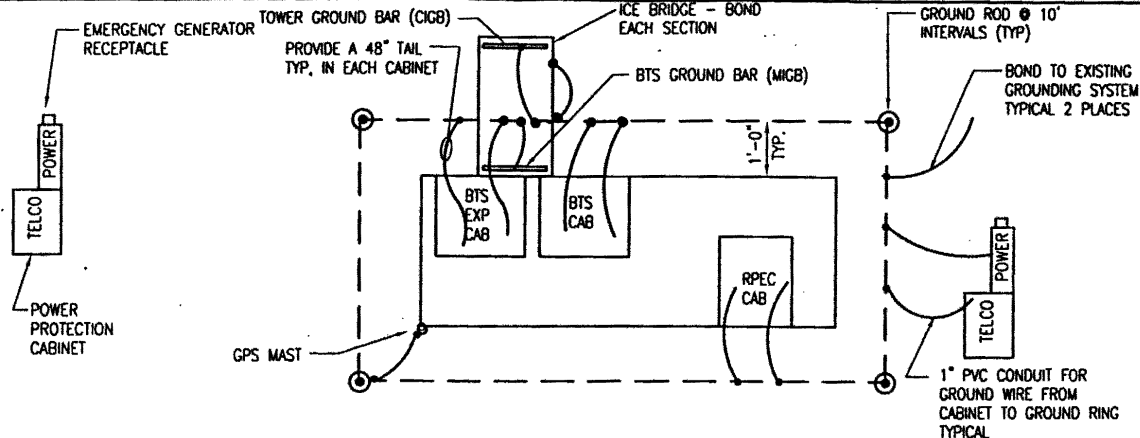


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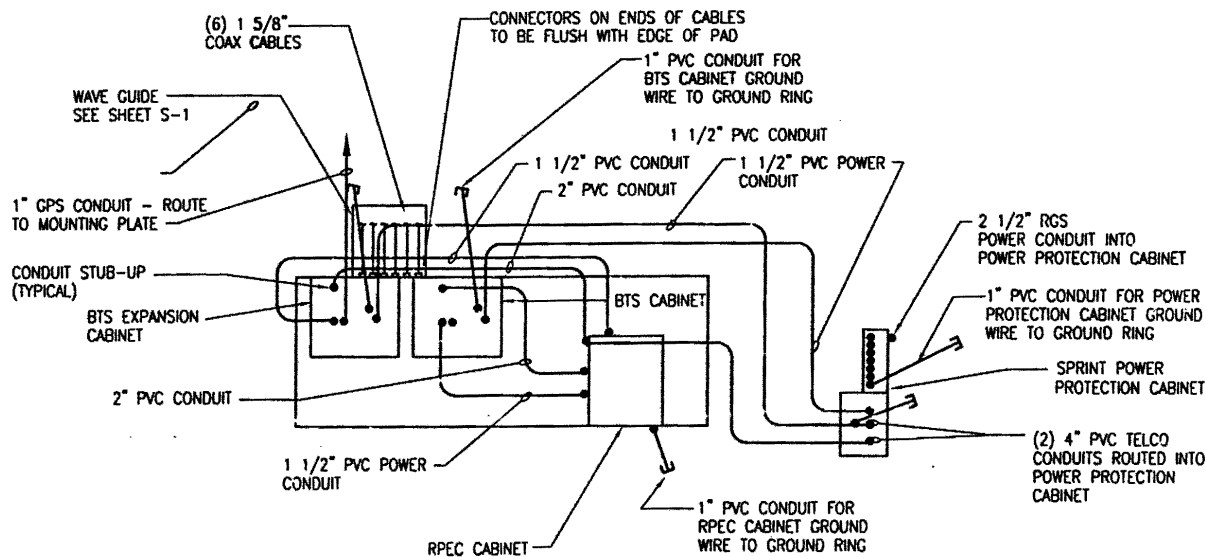
PROJECT MANAGER J. LATIMER	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROF. R. WHITE	CHECKED A. ANCHORS
DRAWN J. KLEINER	DATE 5/26/98
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER E8



1 SLAB EQUIPMENT LOCATION
SCALE: NTS



2 GROUNDING PLAN
SCALE: NTS



NOTE:
ALL DETAILS SHOWN ON THIS SHEET ARE FOR SPRINT PCS EQUIPMENT.

3 BELOW SLAB CONDUIT ROUTING DETAIL
SCALE: NTS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD
0	6/9/98	REVISED PER OWNER'S COMMENTS	JK	AA
1	5/21/98	ISSUED FOR PERMITTING, BIDS AND OWNER'S REVIEW	JK	AA

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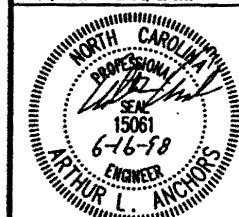
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CARRBORO

GENERAL NOTES
AND LEGEND

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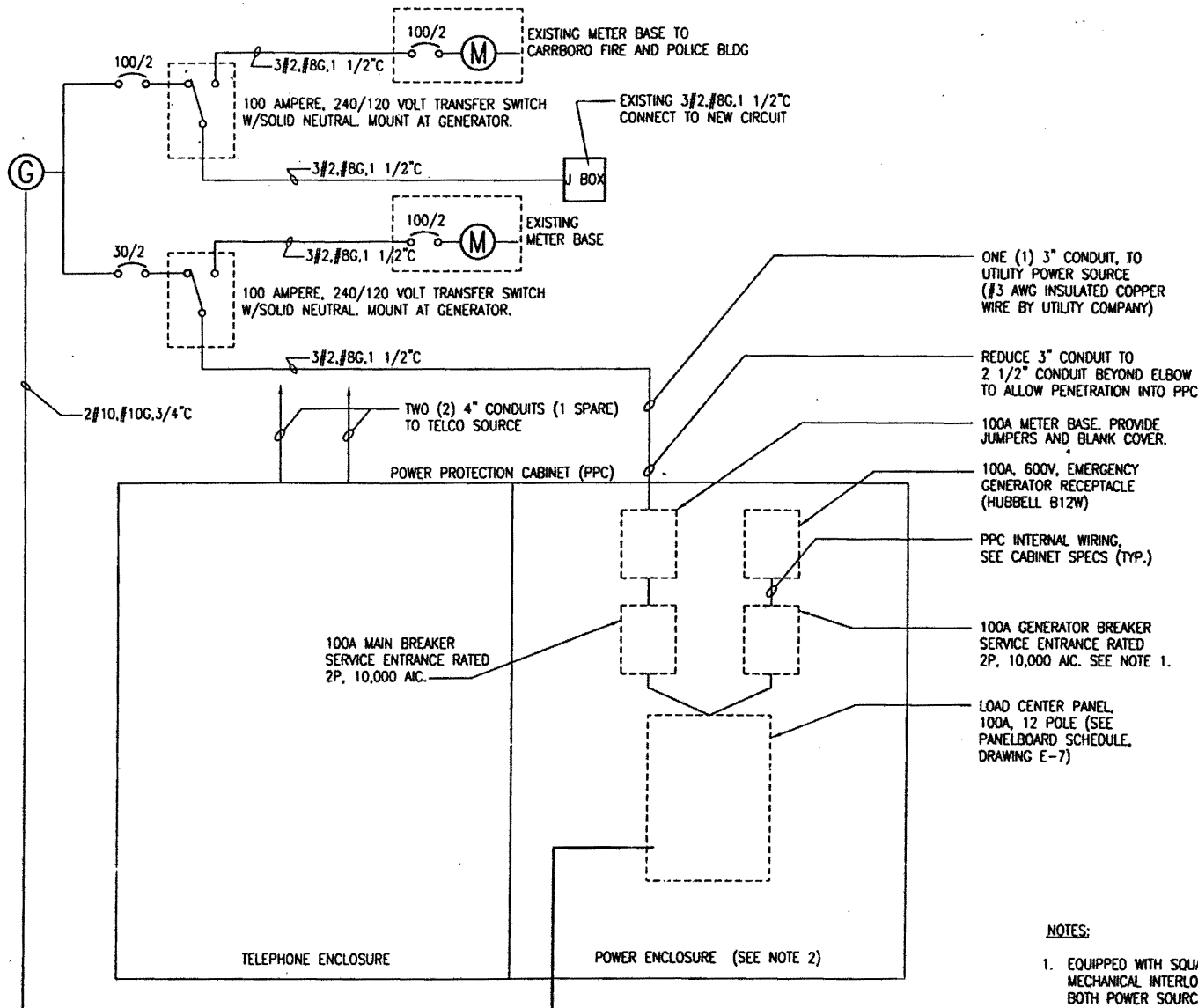
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GERAGHTY & MILLER

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P.O. Box 200, Raleigh, NC 27602-1200
Tel: 919/762-5511 Fax: 919/762-5805



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PROJECT MANAGER J. BLAIR	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROF. S. LAMBERTH	CHECKED A. ANCHORS
DRAWN J. KLEINERT	DATE MAY 1, 1998
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER E9



SCHEMATIC DIAGRAM - MOTOROLA CONFIGURATION
 SCALE: NTS

NOTES:

1. EQUIPPED WITH SQUARE "D" WALKING BEAM MECHANICAL INTERLOCK. INTERLOCK PROHIBITS BOTH POWER SOURCES FROM BEING IN THE ON POSITION SIMULTANEOUSLY.
2. ALL COMPONENTS WITHIN THE POWER ENCLOSURE SHALL BE PRE-WIRED.
3. ALL TERMINATIONS SHALL BE LISTED AND IDENTIFIED FOR USE WITH 75°C RATED CONDUCTORS.

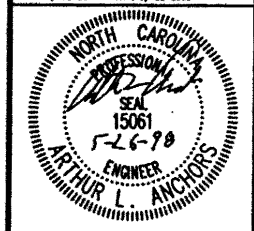
NO.	DATE	REVISION DESCRIPTION	BY	CHK

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WIRELESS COMMUNICATIONS

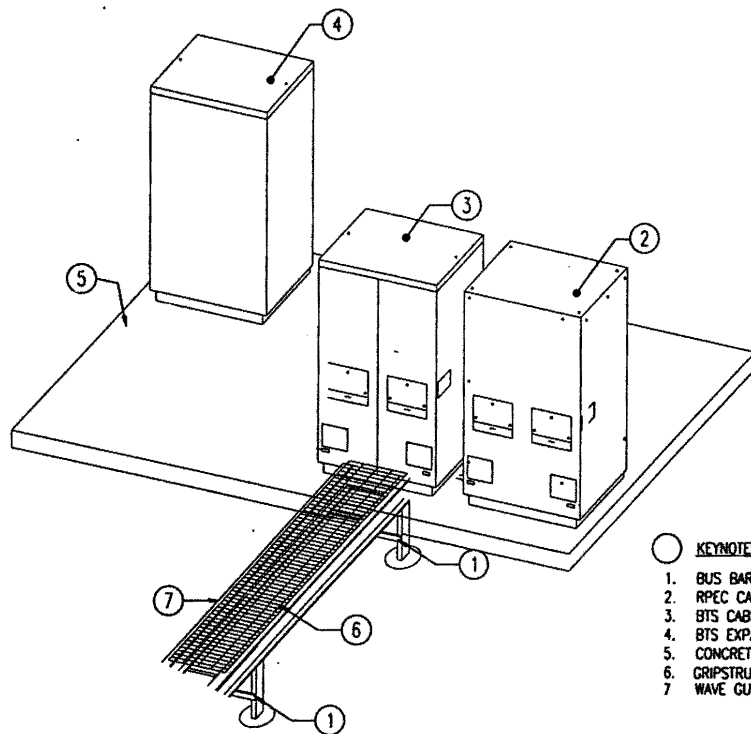
SCHEMATIC
 DIAGRAM
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 Post Office Box 31388, Raleigh, NC 27622-1388
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PROJECT MANAGER J. LATHAM	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROJ. R. WHITT	CHECKED A. ANCHORS
DRAWN J. KLEINERT	DATE 4/28/98
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER E10



- KEYNOTES
1. BUS BARS AT EACH END
 2. RPEC CABINET
 3. BTS CABINET
 4. BTS EXPANSION CABINET
 5. CONCRETE SLAB
 6. GRIPSTRUT
 7. WAVE GUIDE

SPRINT BTS DETAIL ON PAD
 NO SCALE

A	5/21/98	ISSUED FOR PERMITTING, BIDS AND OWNER'S REVIEW	BY	N.A.
NO.	DATE	REVISION DESCRIPTION	BY	CHK

RA03XC066A1

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AT&T WIRELESS COMMUNICATIONS

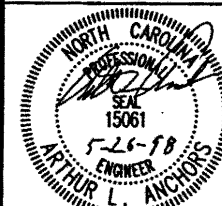
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PROJECT MANAGER J. LATMAN	DEPARTMENT MANAGER A. ANCHORS
LEAD DESIGN PROF. R. WHITT	CHECKED A. ANCHORS
DRAWN J. KLEINERT	DATE 4/28/98
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER E11

MAIN STREET (N.C. 54)

EXIST. NATURAL GAS LINE

BURIED

GAS METER AND PRESSURE
REGULATOR BY GAS CO.
450 CFH @ 14" WC.
CONTACT FRED WEAVER
WITH PSC (919) 918-3015.

BY GAS CO.

BY CONTRACTOR

EXIST. A/C UNIT
TO BE RELOCATED

EXIST. GENERATOR
TO BE REMOVED

CARRBORO FIRE
& POLICE

NEW GENERATOR

CARRBORO
TOWN HALL

CONTRACTOR TO ROUTE PAINTED
1-1/2" SCH. 40 CARBON STEEL
GAS LINE FROM METER TO GENERATOR
ABOVE GROUND, SURFACE MOUNTED
TO WALL. FIELD VERIFY ELEVATIONS
TO CLEAR EXISTING STRUCTURES
AND UTILITIES.

CONNECT GAS SERVICE
TO GENERATOR GAS
TRAIN IN ACCORDANCE
WITH MFG'S. INSTRUCTIONS.

SITE MECHANICAL PLAN

SCALE: 3/8" = 1'-0" NTS

(40' R/W)

RELOCATED A/C UNIT

NEW REFRIGERANT PIPING
EXTENDED FROM EXIST.
UNIT. PIPE SIZES, PIPE
MATERIAL AND INSULATION
TO MATCH EXISTING.

EXIST. A/C UNIT TO BE
RELOCATED.

EXIST. REFRIGERANT
PIPING.

A/C UNIT RELOCATION DETAIL

NO SCALE

NO.	DATE	REVISION DESCRIPTION	BY	CHK
B	6/9/98	REVISED PER OWNER'S COMMENTS	JM	AA
A	5/21/98	ISSUED FOR PERMITTING, BIDS AND OWNER'S REVIEW	JM	AA

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RA03XC066A1
CARRBORO

CONSTRUCTION
NOTES

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PROJECT MANAGER J. BLAIR	DEPARTMENT MANAGER M. CLARK
LEAD DESIGN PROJ. M. CLARK	CHECKED M. CLARK
DRAWN S. HARMONY	DATE JUNE 16, 1998
PROJECT NUMBER NC03SPRA.C066	DRAWING NUMBER M1

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AutoCAD Version = 14.0
User Name = SMC0300E

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BOARD OF ALDERMEN
AGENDA ITEM ABSTRACT
MEETING DATE: June 9, 1998

ITEM NO. E(7)

SUBJECT: Orange Regional Landfill Tipping Fee Schedule

DEPARTMENT: PUBLIC WORKS DEPT.	PUBLIC HEARING: NO
ATTACHMENTS: May 27 MEMO from LOG Resolution	FOR INFORMATION CONTACT: Chris Peterson 968-7716 Terry Campbell 968-7716
THE FOLLOWING INFORMATION IS PROVIDED:	
<input checked="" type="checkbox"/> Purpose	<input type="checkbox"/> Summary
<input checked="" type="checkbox"/> Recommendation	<input checked="" type="checkbox"/> Analysis
<input type="checkbox"/> Action Requested	

Purpose

To adopt a resolution approving the Landfill Tipping Fee Schedule for the 1998-99 fiscal year

Analysis

At its May 14th meeting, the Landfill Owners Group finalized its budget recommendations for the 1998-99 fiscal year, which included the following additional programs:

Carrboro Plaza Drop-Off Recycling Center	\$ 30,000
Oil Filter Recycling	10,500
Small Business Hazardous Waste Collection	11,000
Additional funding for fencing of the Landfill	<u>30,000</u>
	\$ 81,500

Plastic bottle collection in the commercial sector and mixed paper collection programs will also be added at no additional costs. No additional costs are a result of the reorganization of the Town of Chapel Hill's Solid Waste Division. The Solid Waste Division will take over the collection of the drop sites and commercial glass programs. Previously, collection had been provided by a private contractor.

Fee Schedule Comparison Present/Proposed			
Description	Present 1997-98	Proposed 1998-99	Change
Mixed Solid Waste	\$ 35/ton	\$ 38/ton	\$ 3/ton (8.57% change)
Construction & Demolition	\$ 35/ton	\$ 38/ton	\$ 3/ton (8.57% change)
Clean Wood Waste & Yard Waste	\$ 12/ton	\$ 12/ton	\$ 0/ton
Minimum Charges:			
Delivered by automobile	\$ 3	\$ 3	\$ 0
Delivered by pickup truck	\$ 5	\$ 5	\$ 0
Delivered by utility trailer	\$ 5	\$ 5	\$ 0
Minimum Charges for Trash and Garbage			
Delivered by automobile	\$ 5	\$ 5	\$ 0
Delivered by pickup truck	\$ 10	\$ 10	\$ 0
Delivered by utility trailer	\$ 10	\$ 10	\$ 0
Tires	\$ 100/ton or \$ 1/tire	\$ 100/ton or \$ 1/tire	No Change
Additional Recycling Bin	\$ 7/bin	\$ 7/bin	\$ 2

Action Requested

To adopt a Resolution approving the proposed tipping fee schedule for the Orange Regional Landfill for the 1998-99 fiscal year.

Recommendation

The Administration recommends the adoption of the attached Resolution.

**RESOLUTION APPROVING
THE ORANGE REGIONAL LANDFILL
TIPPING FEE SCHEDULE FOR 1998-99 FISCAL YEAR
Resolution No. 51/97-98**

THE BOARD OF ALDERMEN OF THE TOWN OF CARRBORO RESOLVES:

Section 1. The Board of Aldermen hereby approves the following tipping fee schedule for the Orange Regional Landfill and Recycling Program Fees:

Mixed Solid Waste	\$ 38.00/ton
Construction and Demolition Waste	\$ 38.00/ton
"Clean" wood/yard waste	\$ 12.00/ton
"Clean" wood/yard waste delivered by automobile	\$ 3.00 minimum
"Clean" wood/yard waste delivered by pickup trucks	\$ 5.00 minimum
"Clean" wood/yard waste delivered by utility trailers	\$ 5.00 minimum
Tires (not eligible for free disposal)	\$ 100.00/ton or \$ 1.00/tire
Trash and garbage delivered by automobile	\$ 5.00 minimum
Trash and garbage delivered by pickup trucks	\$ 10.00 minimum
Trash and garbage delivered by utility trailers	\$ 10.00 minimum
Additional Recycling Bin	\$ 7.00

Section 2. This Resolution shall become effective upon adoption.

MEMORANDUM

TO: Carrboro Board of Aldermen
Chapel Hill Town Council
Board of County Commissioners

FROM: Landfill Owners Group

SUBJECT: Landfill Owners Group Budget Recommendations (FY1998/99)

DATE: May 27, 1998

Based on our discussions during the last several LOG meetings, we have compiled tipping fee recommendations for Fiscal 1998/99. The LOG is recommending a tipping fee increase from \$35.00 per ton to \$38.00 per ton for mixed solid waste (MSW) and construction & demolition (C&D) waste. The schedule of fees recommended for the fiscal year 1998/99 is as follows:

<u>Items</u>	<u>1997-98 Tipping Fees</u>	<u>1998-99 Tipping Fees</u>	<u>Percent Change</u>
Mixed Waste	\$ 35.00	\$ 38.00	8.57%
C&D	35.00	38.00	8.57%
Ash	n/a	n/a	
Yard Waste/Clean Wood	12.00	12.00	0%
Tires: (\$1.00/each)	100.00	100.00	0%
Pick-up/trailer	10.00	10.00	0%
Car	5.00	5.00	0%

Program additions recommended to be included are:

<u>Budget Add-On</u>	<u>Cost</u>
Carrboro Drop-off Site	\$30,000
Oil Filter Recycling	10,500
Small Business Hazardous Waste	11,000
Additional Fencing Costs	30,000
TOTALS	\$81,500

The following resolution was introduced by Alderman Jacquelyn Gist and duly seconded by Alderman Hilliard Caldwell.

**RESOLUTION APPROVING THE ORANGE REGIONAL LANDFILL
TIPPING FEE SCHEDULE FOR 1998-99 FISCAL YEAR
Resolution No. 51/97-98**

THE BOARD OF ALDERMEN OF THE TOWN OF CARRBORO RESOLVES:

Section 1. The Board of Aldermen hereby approves the following tipping fee schedule for the Orange Regional Landfill and Recycling Program Fees:

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Construction and Demolition Waste	\$38.00/ton
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"Clean" wood/yard waste delivered by pickup trucks	\$5.00 minimum
"Clean" wood/yard waste delivered by utility trailers	\$5.00 minimum
Tires (not eligible for free disposal)	\$100.00/ton or \$1.00/tire
Trash and garbage delivered by automobile	\$5.00 minimum
Trash and garbage delivered by pickup trucks	\$10.00 minimum
Trash and garbage delivered by utility trailers	\$10.00 minimum
Additional Recycling Bin	\$7.00

Section 2. This Resolution shall become effective upon adoption.

The foregoing resolution, having been submitted to a vote, received the following vote and was duly adopted this 9th day of June, 1998.

AYES: Alex Zaffron, Hilliard Caldwell, Michael Nelson, Diana McDuffee, Jacquelyn Gist, Allen Spalt

NOES: NONE

ABSENT OR EXCUSED: Hank Anderson

BOARD OF ALDERMEN

ITEM NO. E(8)

AGENDA ITEM ABSTRACT

MEETING DATE: June 9, 1998

SUBJECT: Discussion of Orange County Board of Commissioners Letter/Solid Waste Issues

DEPARTMENT: Administration	PUBLIC HEARING: YES ____ NO <u>x</u>
ATTACHMENTS: Letter from the Chair of the Orange County Board of Commissioners	FOR INFORMATION CONTACT: Robert Morgan, 968-7706

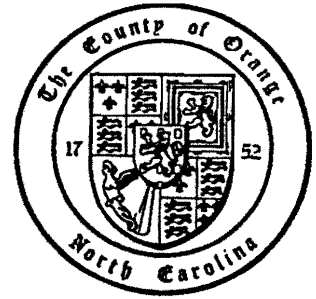
PURPOSE

The purpose of this agenda item is to discuss the attached letter from Margaret Brown, Chair of the Orange County Board of Commissioners.

ACTION REQUESTED

To respond to Margaret Brown's letter dated April 30, 1998.

*Orange County Commissioners
P. O. Box 8181
200 S Cameron Street
Hillsborough, NC 27278*



*Margaret W. Brown, Chair
Stephen H. Halkiotis, Vice Chair
Moses Carey, Jr.
William L. Crowther
Alice M. Gordon*

April 30, 1998

The Honorable Mike Nelson
Mayor, Town of Carrboro
301 West Main Street, PO Box 829
Carrboro, NC 27510

Dear Mike:

At our April 14, 1998 work session, we were very appreciative of the positive responses and suggestions received from you and Mayor Waldorf concerning my February 20, 1998 letter outlining solid waste issues in Orange County. This letter, I believe, incorporates your positions and suggestions as well as the Board's views and conclusions on various points. I have enclosed the Board's agenda item (Attachment 1) from the April 14 work session as a reference, as this letter generally follows that agenda's topics.

The Commissioners discussed the topics of solid waste financing, solid waste operations, the timing of a possible transfer of solid waste management responsibility, and the proposed community benefits to the historic Rogers Road landfill neighbors. Meeting time restraints limited discussion of solid waste operations administration.

Financing of Solid Waste Operations

Point A1: The Board confirmed its understanding that under the integrated solid waste management plan, each governing board will retain responsibility for collection (and financing that collection) of solid waste in its jurisdiction.

Points A2-4: The Board confirmed the importance of using the tipping fee to the maximum extent possible to support countywide solid waste operations. Serious consideration must be given to other financing mechanisms as needed, to include seeking authority from the General Assembly as needed to undertake financing approaches that may not now be available to local governments. Any needed legislation can be pursued during the 1999 and later Sessions of the General Assembly. Examples of other financing approaches are described in two attachments to this letter: 1) an extract (Attachment 2) from the February 1994 report to the LOG from Womble, Carlyle, Sandridge and Rice concerning alternative governance structures and financing mechanisms; and 2) a survey (Attachment 3) recently accomplished by County staff of solid waste financing approaches used and/or considered by other local governments in this region.

The Board confirmed that the County's General Fund would not be used to underwrite or supplement the costs of countywide solid waste operations that should be borne by the tipping fee and other appropriate ancillary revenues, such as user fees.

Point A5: The Board of Commissioners believes that Carrboro and Chapel Hill should participate in financing any community benefits that are not addressed through LOG funds. The split recommended in September 1997 by the LOG/neighborhood working group based on ownership stake among the local governments (43% - 43% - 14%) may be the best choice, although other bases could be considered (such as population, share of the waste stream generated, or percentage of area covered that is located in the Town's transition areas and in the rural buffer). The dedication to this purpose of a portion of one cent local option sales tax revenue would mitigate the "double taxation issue" raised by some municipal elected officials, in that each jurisdiction receives its own share of one cent sales tax revenue. A counterpoint to the double taxation point is that Orange County has not previously funded water and sewer improvements within Town limits or within areas likely to be annexed.

The cost of community benefits could be financed on a "pay-as-you-go" basis over one or more years. Alternatively, they could be handled through bond or other debt financing, with each jurisdiction contracting to pay a share of the annual debt service. A similar arrangement between Orange County and the City of Mebane was pursued for water system improvements during the 1970s. Orange County bonds paid for the improvements. Mebane repaid Orange County for debt service. The Board sees no legal barrier to the Towns' participation in paying for the community benefits based on the County Attorney's opinion in his letter of October 16, 1997 which concludes in part

"...it is reasonable to assume annexation by the towns of their respective transition areas. The towns can provide water and sewer in their transition areas. Furthermore, and in my opinion significantly, the entire identified community can be served with public water and sewer using the general fund revenue of Orange County, Chapel Hill, and Carrboro in a joint undertaking. This would allow a "blurring" of jurisdictional lines by reasonable assumptions concerning financial contribution to the enterprise."

The Board noted the lack of success the County has had over the years in securing Community Development Block Grant (CDBG) funding for a sewer expansion to serve largely low-income homeowners in the Efland area. In view of this, the Board cautioned that expectations should not be high that the local governments will be able to secure CDBG funding to assist homeowners with the costs of tap-on fees and plumbing connections to any water lines that may be extended to neighborhoods in the vicinity of the Eubanks Road landfill. County Engineer Paul Thames has prepared Attachment 4 outlining his observations of why chances for success in securing CDBG funds are limited.

Point A6. The Board agreed that an independent analysis of indirect costs to be charged against the Landfill Fund for administrative oversight of solid waste operations should be conducted by an outside consultant, such as David M. Griffith, Inc. Funding for that analysis would come from Landfill funds.

Point A7. The Board agreed that it is reasonable to assume that new facilities, such as a materials recovery facility or transfer station, will be needed. A careful examination needs to be made of the extent to which funds currently in landfill reserve funds could be redirected to the planning and/or development of these multiple facilities.

Discussion between staffs should take place regarding the options for future disposition of buildings and other assets and the future housing of solid waste staff.

Point A8. The Board confirmed that it is not interested in pursuing property acquisition for a new sanitary landfill through condemnation procedures. Such property acquisition should be voluntary on the part of the owner, and should be considered against a set of criteria to be established (for example, perhaps no property in a watershed would be considered). The issue of potential community benefits to neighborhoods that would be in the vicinity of any new landfill should be addressed upfront during any landfill siting and permitting process.

Point A9. The Board agreed that it is prudent to anticipate that there will be a period when operating costs will be higher when multiple operations (for example, the current landfill and a possible new MRF) are being maintained. The Board asked that the LOG provide a clear explanation of the challenges and constraints involved in trying to maintain multiple facilities, and particularly, with trying to keep the current landfill "partially open", while simultaneously using and operating a MRF and transfer station. The LOG staff memo at Attachment 5 (included with the April 22 LOG agenda packet) addresses some of the relevant points.

Administration of Solid Waste Operations

The Board asked what the Town of Chapel Hill's handling under its current policies would be if the waste stream were significantly reduced and the Town identified the need for fewer staff in the Solid Waste department. Would the Town handle this through a reduction in force? If so, what policy would apply? If the Town would not address this through a reduction in force, how would the Town address such need for fewer staff?

Timing of Potential Transfer of Responsibility for Solid Waste Operations

The Board acknowledged that a substantial amount of detail work remains to be done to effect the transfer of solid waste operations from administration by the Town of Chapel Hill to administration by the County. The Board believes it is reasonable to assume that one year of lead time will be necessary from the date that any agreement is concluded that overall solid waste management responsibility is to be assumed by Orange County.

Community Benefits

As outlined above, the Board of Commissioners believes that the other LOG members should share in the costs of providing community benefits not financed through Landfill funds.

The Board agrees with the sentiment of the other governing boards that it is preferable not to use the Greene Tract for solid waste management activities. However, the Commissioners believe that use of the Greene Tract for those purposes should not be categorically ruled out at this point, and that the property should be reserved for future solid waste management activities as a "last resort" option.

The Board indicated its continuing interest in other ways in which OWASA could be approached about its rate study, and how that might play into requests to consider waivers or reductions in tap-on and connection charges for any homes that may ultimately receive water service from the extension of water lines into the community benefit area.

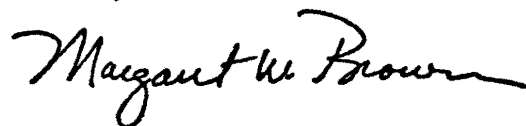
The Board reiterated its view that the historical Rogers Road neighborhood should receive water line extensions.

A LOG funded reserve should be established to help defray the costs of any future extensions that might be needed, for example to the Millhouse Road neighborhood, should any landfill-caused contamination of groundwater be identified in the future. There was discussion that perhaps Millhouse Road extensions could be addressed through economic development initiatives.

The Board also noted, however, the County Attorney's caution that community benefits must serve a public rather than private purpose and therefore must, generally, serve communities rather than individuals or individual properties. Therefore, a clear definition of the historical Rogers Road neighborhood is essential. The Board sees that neighborhood as the area outlined in blue on the map at Attachment 6.

I hope that the information I have provided here about the views of the Board of Commissioners is helpful to you. We would like to hear your thoughts regarding our conclusions and solicit your thoughts on how we can collectively begin to bring closure to the major solid waste issues that we are facing together.

Sincerely,



Margaret W. Brown
Chair

6 Attachments

cc: Orange County Commissioners

RECEIVED MAY 4 1998

ORANGE COUNTY
BOARD OF COMMISSIONERS

ACTION AGENDA ITEM ABSTRACT

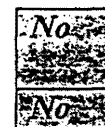
Meeting Date: April 14, 1998

Action Agenda
Item No. 2

SUBJECT: Solid Waste Matters

DEPARTMENT: County Manager/Personnel/Public Works

PUBLIC HEARING: (Y/N)



BUDGET AMENDMENT: (Y/N)

ATTACHMENT(S):

- 1 -CH Solid Waste Dept Organization Chart
- 2 -CH Solid Waste Position List
- 3 -Employee Transition from CH to OC Employment
- 4 -2/20/98 BOCC Chair Letter to Mayors
- 5 -3/30/98 Carrboro Mayor Letter
- 6 -4/3/98 Chapel Hill Mayor Letter

INFORMATION CONTACT:

Rod Visser, ext 2300; Elaine Holmes, ext 2550;
Wilbert McAdoo, ext 2625

TELEPHONE NUMBERS:

Hillsborough	732-8181
Chapel Hill	968-4501
Durham	688-7331
Mebane	227-2031

PURPOSE: To discuss matters related to the possible assumption by Orange County of overall responsibility for the management of solid waste (excluding collection) throughout the County; and to discuss responses from municipal governing boards to the Board of Commissioners' views and questions about proposed community benefits for the neighborhoods in the vicinity of the Eubanks Road landfill.

BACKGROUND:

Solid Waste Management - Governance Issues

One of the major issues facing the local governments in Orange County is deciding a governance structure for the future management of solid waste. One scenario is that the County assume overall solid waste management responsibility. The Board may wish to discuss further at this work session some of the parameters under which the County would be willing to assume that responsibility. A framework for such discussion is suggested below:

A. Financing of Solid Waste Operations

The Board may wish to discuss, and confirm or amend, a number of assumptions and suggestions that have been made regarding the financing of future solid waste operations:

1. Each local government will maintain responsibility for the operation and financing of solid waste collection within its own jurisdiction

2. Financing of other solid waste operations should remain tipping fee based, to the maximum extent possible. As needed, supplemental revenue from user fees, solid waste availability fees, solid waste service district(s), or the like could be considered.
3. Legislative changes by the General Assembly should be sought if needed to make permissible the best combination of financing mechanisms.
4. Should Orange County assume overall solid waste management responsibility, the County general fund would not underwrite overall solid waste operations or be a source of supplemental revenue.
5. Costs of proposed community benefits that cannot legally be borne by the Landfill Fund should be shared by the jurisdictions (for example, on the basis of ownership stake in the landfill) - if not through property taxes, then perhaps through sales taxes. The towns have suggested that the County bear the costs through bonds. Impact of this on County debt structure would need to be considered.
6. Indirect cost charges to the Landfill Fund should the County assume solid waste operations would likely be higher. It appears that the Town of Chapel Hill has not been fully reimbursed over the years for its cost of administering solid waste operations. An outside consultant should be retained to do an impartial analysis of the indirect costs that should be reimbursed to the County if it assumed overall responsibility.
7. Landfill funds would need to be budgeted for planning of new solid waste operations related to a materials recovery facility (MRF), transfer station, new landfill, or the like (depending on which processing and disposal mechanisms are ultimately selected).
8. If a decision were made to consider a new landfill site, it should be done through a proactive search process that solicits voluntary sale of property, and not through a process that would lead to condemnation of property for a new landfill.
9. There will be additional operating costs above the current level during the period of overlap when both current landfill operations continue and future solid waste management activities (whatever they may be) are phased in.

B. Administration of Solid Waste Operations

If the County assumes overall solid waste management, the Town of Chapel Hill Solid Waste Department would be transferred in its entirety and become a new County department. The existing Solid Waste Management Director would become a County department head, reporting directly to the County Manager. This position, paid by the landfill fund, would have a working title of Assistant to the Manager for Solid Waste.

Organization

Attachment 1 shows the current organization for the Town of Chapel Hill Solid Waste Department. The department is made up of two main areas: Landfill operations and recycling.

The Solid Waste Management Director heads the department and reports to the Assistant Town Manager.

Staffing

- Attachment 2 lists the current Town of Chapel Hill Solid Waste positions. For each of the 26 permanent positions and two temporary positions, it shows the approximate percentage of time each position spends in the major functional areas of landfill, recycling, administration and planning for future needs.
- Upon the Solid Waste Department becoming an Orange County organization, each of the current employees, both permanent and temporary, would become an Orange County employee. At the time of this transition, the functions of the Solid Waste Department would continue as presently structured and the employees' duties and responsibilities would continue as presently assigned. The Personnel Department has on hand position descriptions for each Solid Waste position, which are available for review by Commissioners upon request.
- If the County Solid Waste functions should change in the future such as through implementation of a transfer station or materials recovery facility, the County would handle any need for fewer staff or different staff through attrition or reassignment of existing staff rather than through layoff.
- **Transition**
Attachment 3 describes staff efforts to date, and those that will be necessary in the future, regarding transfer of employees, should the County assume overall solid waste management responsibility.
- An extensive list of transition issues in addition to personnel - including finance, budget, information technology, insurance, purchasing, solid waste billing and collection, office space, and the like has been prepared and previously provided to the Board. Much preliminary work has been done on these issues, but additional work will be required if a formal decision is made that the County will assume overall solid waste management responsibility.

C. Timing of Solid Waste Management Transfer

A substantial amount of lead time would be required to accomplish the transition tasks that have been identified to date, and others that may yet become necessary. If the County does assume overall solid waste management responsibility, a target implementation date would be sometime in the first quarter of fiscal year 1999-2000, but no sooner than July 1, 1999. It would be useful to develop a set of implementation milestones to ensure that all major tasks necessary to a successful transition between the Town and County are accomplished in a timely manner.

Proposed Community Benefits to Neighborhoods in the Vicinity of the Eubanks Road Landfill

Following the Board's February 10, 1998 work session on solid waste issues, the Chair sent a letter to the Mayors of Carrboro, Chapel Hill, and Hillsborough. The letter summarized the Commissioners' discussion on proposed community benefits and solicited comments from the municipal governing boards concerning the Commissioners' conclusions and recommendations. The letter to Mayor Waldorf also included a section (I3) seeking information about the Town of Chapel Hill's experience in managing the landfill and other solid waste activities. That information has been addressed in various attachments to this abstract, and in Mayor Waldorf's return letter.

The Board may wish to review and discuss the responses to Commissioner Brown's February 20, 1998 letter that have been received from Mayor Nelson and Mayor Waldorf, and consider possible next steps regarding the proposed community benefits.

RECOMMENDATION(S): The Manager recommends that the Board discuss issues surrounding the possible assumption by the County of overall solid waste management responsibility, and possible next steps related to community benefits; and provide appropriate direction to the Manager and staff.

FUNDING CONSIDERATIONS

Historically, local governments have used property tax collections to fund the cost of solid waste management systems and their related financing.¹⁹⁷ More recently, however, the rising cost of solid waste management facilities has led the North Carolina General Assembly to specifically authorize a number of mechanisms for funding and assuring the financial viability of such facilities. These mechanisms include authority to collect particular fees for solid waste management services and to regulate the disposal of solid waste through flow control ordinances.

Use of Taxes and Fees to Fund Solid Waste Management

Local governments are authorized to pay for solid waste disposal activities through grants, property taxes, the collection of fees or charges associated with such facilities, or through a combination of such mechanisms.¹⁹⁸ Property taxes used to pay for solid waste management facilities can be levied across governments' entire jurisdictions and need not, by law, bear any relation to the level of solid waste disposal service rendered.¹⁹⁹ North Carolina courts, however, have held that when *fees* are collected to pay for solid waste disposal or other public enterprises such fees must bear a reasonable relationship to the level or type of service rendered.²⁰⁰

The North Carolina General Assembly has authorized local governments to collect three types of fees for solid waste management services.²⁰¹ The particulars of these authorizations vary slightly between cities and counties.²⁰²

Collection Fees. Local governments are authorized to charge fees for the collection of solid waste.²⁰³ There are no statutory limits on collection fees that may be charged by cities. Counties are prohibited from charging collection fees that exceed the cost of collection.²⁰⁴

Use Fees. Cities and counties are also authorized to charge fees for the use of solid waste management facilities.²⁰⁵ An example of this type of fee is the tipping fee typically charged to persons who bring waste for disposal at a landfill. There are no statutory restrictions on use fees that may be imposed by municipalities. Counties, however, may only collect use fees from persons who actually use the facility and cannot collect use fees which exceed the cost of operation of the solid waste facility.²⁰⁶ Further, state law requires that counties impose use fees "based on a schedule that applies uniformly throughout the county."²⁰⁷ Although the exact meaning of this provision has not been tested, the North Carolina Institute of Government has suggested that the restriction requires that users who bring waste directly to a landfill facility must be charged the same per unit fee as users whose waste is collected by contractors or deposited by the user in community collection boxes.²⁰⁸

Availability Fees. Local governments may charge an "availability fee" for a solid waste management facility to persons who "benefit" from it.²⁰⁹ There is no clear statutory distinction between availability fees and use fees. Local governments appear to be authorized to charge either or both.²¹⁰ Availability fee collections may not, however, exceed "the cost of providing and operating" a disposal facility. Availability fees can be imposed only on "improved property" within the local government's jurisdiction which benefits from the facility.²¹¹ Availability fees cannot be charged to residents whose wastes are disposed of in a facility "provided by a private contractor."²¹² Further, local governments are prohibited from charging availability fees to

residents whose solid waste is collected by private contractors who must also pay availability fees for disposal of the waste they collect.²¹³ This latter provision seems to be designed to prohibit "double-charging" of availability fees to residents whose garbage is collected by entities other than the local government which operates the landfill facility.

The 1993 General Assembly considered, but did not enact, legislation that would have extensively revised the fee-authorization statutes for both city and county solid waste management activities.²¹⁴ The new fee-authorizations would have eliminated many of the differences between the present fee authorizations for counties and cities.²¹⁵

Flow Control

Prompted by the rising cost of solid waste management facilities, the North Carolina General Assembly has recently enacted several statutes authorizing certain local government entities with solid waste management responsibilities to guarantee a steady flow of waste--and associated fees--by adopting so-called "flow control" ordinances. Such ordinances generally require that all--or at a minimum, certain classes of--solid waste generated within the local government's jurisdiction be disposed of in the manner provided by the unit. These ordinances thus work to assure certain minimum fee incomes by prohibiting residents of the jurisdiction from contracting with alternative waste management providers. Regional solid waste management authorities are authorized to promulgate flow control ordinances.²¹⁶ The Department of Environment, Health and Natural Resources is authorized to delegate flow-control authority to counties and cities operating a state-approved regional solid waste management plan.²¹⁷ In a similar vein, cities and counties are authorized to grant exclusive solid waste management franchises to private contractors operating within their jurisdictions.²¹⁸

DATE: April 20, 1998

MEMO TO: John Link, County Manager

FROM: Wilbert McAdoo, Public Works Director

RE: Solid Waste Issues Arising from BOCC Meeting of 04/14/98

ALTERNATIVE FUNDING SOURCES FOR WASTE MANAGEMENT SERVICES – AREA COUNTIES

Several neighboring counties have developed and implemented alternative funding mechanisms for solid waste programs. An overview of several programs is presented below.

ALAMANCE COUNTY

- does not use an Availability Fee
- charges by the bag (\$0.25/bag) for waste
- no charge for recyclables
- currently examining possible need to increase the per bag fee and/or to charge for recyclables
- recyclables charge related to expiration of processing contract with BFI July 1, 1998

CHATHAM COUNTY

- \$45.00/year Availability Fee for access to services provided at Convenience Centers
- \$45.00/year Collection Fee
- all households in unincorporated areas of County are billed
- those who subscribe to waste services with a private contractor are exempt from both
- as of 07/01/98 no one will be exempt from Availability Fee, as many services at Convenience Centers are not provided by private contractors (i.e., bulky items, large appliances, tires, etc.)
- fees are collected with tax billings
- consideration is being given to use of Availability Fee for fixed costs only (i.e., staffing and maintenance of Convenience Centers), and pay-as-you-throw for variable costs (i.e., quantity of waste to be transported and disposed)
- current Availability Fee (\$45.00/year) does not cover total fixed costs which are estimated to be \$55.00/year. Consideration is currently being given to increasing the fee to \$55.00/year which would cover all fixed costs.

DURHAM COUNTY

- \$45.00/year Availability Fee for unincorporated County residents for access to:
 - Solid Waste Convenience Centers
 - Recycling Centers
 - Collection of yard trimmings
 - Biweekly curbside recycling
 - Large appliance recycling
 - Litter control enforcement/education
- services may be made available to out-of-County residents and City of Durham residents at higher rates (i.e., \$60.00/year for City residents)

GRANVILLE COUNTY

- have a standard charge on tax bill (\$65.00/year) to cover operation of Convenience Centers
- only applied to County residents who do not use curbside recycling service
- have franchised collection areas
- looking at a \$15.00/year fee for access to limited services
- City of Oxford uses a bar code and scanner system to provide a credit for recycling

LEE COUNTY

- solid waste fee for County residents of \$50.00/year
- \$75.00/year fee for City residents includes sewer fees

WAKE COUNTY

- \$18.00 annual residential waste reduction fee for all County residents to support County non-landfill solid waste programs and facilities, including:
 - eleven County Convenience Centers
 - two multi-material drop-off facilities
 - fifty school 'Igloo' recycling programs
 - one permanent household hazardous waste facility
 - forty-nine magazine collection days
 - one semi-annual telephone book recycling program
 - extensive public education programs for all waste reduction and recycling initiatives
 - research and activities of the Solid Waste Advisory Committee
 - Recycling Reserve Fund
- The programs covered by the County's fee are in addition to the curbside/drop-off programs offered by municipalities and private waste haulers

- Use of the fee allowed reduced tipping fee at landfill from \$31/ton to \$22/ton. Residents could see cost savings in monthly solid waste fees charged by municipalities and/or private waste haulers.

FEASIBILITY OF SIMULTANEOUS OPERATION AND/OR MAINTENANCE OF EXISTING LANDFILL AND TRANSFER STATION

In a memo dated March 12, 1998, the Solid Waste Director provided an overview of issues related to the development and simultaneous operation of a transfer station and the existing Orange Regional Landfill. A copy of this memo is included with the agenda for the April 22, 1998 LOG meeting.

MEMORANDUM

TO: Rod Visser, Assistant County Manager

FROM: Paul Thames, PE, County Engineer

DATE: April 21, 1998

SUBJECT: Potential for CDBG funding for extension of waterlines to Rogers Road area

As per the request of the County Manager, I have delved into the potential for Community Development Block Grant (CDBG) funding of some or all of the costs of providing water service to the Rogers Road community. The highly political (and accordingly unpredictable) nature of the state's CDBG funding process means that no one can say with one hundred percent certainty that a particular project can or cannot be funded. However, a number of factors weigh very heavily against probability of obtaining CDBG funding for water line extensions for the Rogers Road Community. These include the following:

1. Competition for CDBG funding is intense. Each CDBG funding cycle in recent years (the last ten) has seen funding requests that total three times the funds available for disbursement. That factor alone, if all other factors could be considered equal, would put Orange County's chance for securing CDBG funding at no greater than one in three.
2. Orange County, Chapel Hill and Carrboro are at least perceived to be among the most affluent communities in the state. That perception certainly hurts Orange County's chance to get CDBG funding when competing against poorer local counties such as Caswell, Person, Chatham, and Lee. When Orange County is compared to Chowan, Warren, Perquimans, Avery and some of the other very poor counties with significant needs, Orange County's chances are further reduced.
3. The cost-benefit ratio for a Rogers Road project is not good. Given construction and fee estimates totaling approximately \$800,000 for seventy residences, the \$11,500 per unit cost is not an attractive expenditure in a tight grant fund environment.
4. CDBG funding projects over the last five to ten years have been targeted primarily at areas where pronounced public health benefits can be achieved. Addressing the nuisance conditions exhibited by the wells of the Rogers Road community is not a project particularly attractive or beneficial project in comparison to the many densely populated communities plagued by failing or inadequate septic systems or the more rural communities served by outhouses.
5. CDBG projects are usually created to serve target populations often defined as low income, minority, elderly, etc. Project benefits do not accrue to or become available to those individuals and households that do not meet the target population criteria. The fact that affluent areas adjacent to the Rogers Road community such as the Talley Ho Trail/Fox Lair and Meadow Run neighborhoods could benefit from a Rogers Road project would tend to make a Rogers Road project less attractive for grant funding.

In my opinion, the chances for CDBG funding for a Rogers Road project are very slight. I would cite Orange County's failure to secure CDBG infrastructure funding grants for Efland as an example to corroborate that opinion. Efland has demographics similar to those of the Rogers Road community but, with its failing septic systems, exhibits a markedly greater need from a public health standpoint. If community development funds are deemed to be a desirable funding mechanism for the Rogers Road project, perhaps Chapel Hill would allocate a portion of the significant level of community development entitlement funding that it receives every year.

If I may answer any questions or provide additional information, please advise.

AGENDA #5

MEMORANDUM

TO: Landfill Owners Group

FROM: Gayle Wilson, Solid Waste Director

Subject: Simultaneous Operation of Transfer Station and Landfill

Date: March 12, 1998

This memorandum provides a brief discussion of the concept of simultaneously operating a landfill and a transfer station in Orange County.

Background

At the February Owners Group meeting we were asked to respond to the idea of continuing the operation of the current landfill and developing a transfer station, presumably, to a) extend the life of the landfill and, b) to leverage a better transfer rate for the portion of the waste stream being transferred.

Discussion

We offer the following comments regarding this concept:

- * Depending on the amount of waste that is to be transferred, we would clearly extend the life of the landfill. If the transfer station went into operation in January of 2000, and we transferred one half of our waste, the life of the landfill would be extended by about three years.
- * It is doubtful that a contractor would be significantly influenced by the approximately 30,000 tons of waste annually (about 110 tons/day) we would be bidding (assuming that 50% of our waste stream was to be transferred). For comparison, Durham is transferring about 600 tons daily. There would clearly be no guarantee of favorable bids.
- * The amount of remaining capacity in our landfill would be public knowledge and, given the limited remaining disposal capacity, would only attract interest because of the contractor's perception that this could be considered a "toe in the door" for the whole waste stream, once the landfill is full.
- * The costs for such a scenario would increase significantly because:

- Fixed costs associated with continued operation of the landfill would continue.
 - New costs would be assumed: transfer station construction costs, transfer station operating costs, hauling costs, disposal costs, and possibly costs related to purchase of a site would all be added to the landfill costs.
 - Savings realized from any leverage resulting from existing landfill capacity, assuming that we did get extremely favorable bids, would almost certainly not offset the additional costs. The savings would be in deferred landfill capacity that has already been paid for, not capacity that won't have to be built.
 - There would likely be financial pressure to use the landfill more than the expensive transfer station.
 - There is not apparent source of funds for the approximately 1.5-1.75 million to construct the transfer station, the annual operating costs for the transfer station, and the hauling and disposal contractual obligations?
- * Temporarily closing the landfill to increase the tonnages going to the transfer station and preserving landfill space would create several regulatory problems:
- If the landfill is not used for a period of one year, a 1 foot of soil interim cover would be required, causing us to utilize more soil off the Neville Tract or elsewhere than we have currently anticipated.
 - Significantly under-utilizing the landfill may cause permit renewal problems in December, 2003, the date our renewal is due.
- * We could prepare a request for proposals for a certain amount of tonnage to be hauled and disposed to gauge the potential costs, however these costs would not include those for construction and operation of the transfer station. The price quotes would likely expire after 90 days, so they would be only a rough estimation of ultimate costs.
- * If the local governments do still wish to attempt to locate a landfill in Orange County, and that process is not concluded in time to have a facility ready once the existing facility is closed, we could plan a temporary transfer station once we are certain that the new site would not be ready. It is still possible, however remote, that a site could be identified and acquired without necessitating a temporary transfer station.

We would recommend a different type of facility be constructed depending on whether it is to function as a permanent or temporary facility. If the governments ultimately agree that an in-county site will not be achieved, we could then begin planning for a permanent

transfer facility.

Conclusion

Operating a transfer station and a landfill at the same time is expensive. A strategy of assuming leveraged preferential rates for hauling and disposing wastes because we have remaining landfill capacity is questionable. We are also uncomfortable with the potential regulatory situation we would create. We suggest that you may wish to consider a transfer station only if:

- We need an interim transfer facility to allow us time to finish siting and/or constructing a new landfill, once our current facility is full, or
- If the decision is made conclusively that no in-county site is to be further pursued, at which time we would begin planning a permanent transfer facility to be ready for operation when the existing landfill is full.

BOARD OF ALDERMEN

ITEM NO. E(9)

AGENDA ITEM ABSTRACT

MEETING DATE: June 9, 1998

SUBJECT: Authorization for the Architect to Proceed with Construction Drawings on the Town Center

DEPARTMENT: Town Manager's Office	PUBLIC HEARING: YES ____ NO <input checked="" type="checkbox"/>
ATTACHMENTS:	FOR INFORMATION CONTACT: Robert W. Morgan, Town Manager

PURPOSE

The purpose of this item is to authorize the architect to proceed to the construction drawing phase on the Town Center and to amend the construction budget based upon the current construction estimate.

ANALYSIS

The architect for the Town Center project, New Synergy Partnership, met with the Design Review Committee to review the design development drawings and review the revised construction estimate. The Town has \$1,375,747 available in the construction budget for the renovation of the Town Center. This includes estimated savings from repairs to the Town Hall and \$50,000 for equipment. Equipment having a life less than ten years is going to be purchase through a four or five-year lease purchase rather than the twenty year construction financing. The construction estimate based on the design development drawings was \$1,836,000 including contingency. This estimate includes significant site work, replacement of all windows, complete replacement of HVAC and changes to the outside exterior along Greensboro Street. The original construction estimate was based on bringing the building up to state building code, minimal site work, maintaining the existing HVAC with new ductwork and no outside renovations with exception of some window replacement and a stairwell. The design development drawings were based upon the public input from the facilitated meeting that dealt with programming and energy design. The architect presented cost benefit analysis for several options dealing with HVAC and window replacement. The Design Review Committee with the assistance of the architect whittled down the construction budget to \$1,649,006, which includes contingency funds. Changes were made by removing or altering the facade renovations on Greensboro Street, limiting the number of new windows by using storm windows at the architects discretion, removing equipment from the construction budget, reducing the number of light fixtures and using an alternative to conduit, deleting a generator, and using a tile floor in the large assembly room.

The additional funds needed to meet the revised budget are available in reserves as follows:

Master Park Plan	\$48,750
Interest from Payment-In -Lieu	\$100,000
Interest from Capital Reserve	\$ 76,509
Street Resurfacing Reserves	\$48,000

TOTAL	<u>\$273,259</u>
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This \$273,259 combined with the remaining construction budget of \$1,375,747 generates a revised budget of \$1,649,006. The Master Park Plan reserve and interest from payment-in-lieu were identified in last years CIP as possible funds to use for a community center. Interest on the capital reserve account had not previously been ear marked for any particular capital project. The Street Resurfacing Reserve will have approximately \$90,000 dollars remaining after doing this year's street resurfacing project. Since much of the site work at the Town Center is new side walks, curb and gutter, and a bus pull off - drop off area using \$48,000 of this street resurfacing reserve seems appropriate.

The current schedule calls for the architect to submit construction drawings to the Town by mid June. By the time the Town staff and outside agencies review and approve these drawings the Mayor and Board of Aldermen will be on their summer break. In order to have a recommendation for award of construction bids by late August, the Design Review Committee should be authorized to approve the construction drawings to go out to bid. The Board will still have the final decision when it awards the construction bids.

RECOMMENDATION

The Administration and the Design Review Committee recommend that the Board authorize the architect to proceed with the development of construction drawings based upon a construction budget of \$1,649,006. It is further recommended that at the time of awarding the construction bids that the construction budget be amended by adding \$273,259 from the four reserve accounts identified above. The Design Review Committee should also be authorized to approve the construction drawings and direct the architect to proceed with bidding the project.

ACTION REQUESTED

To approve the above recommendation