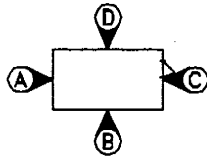
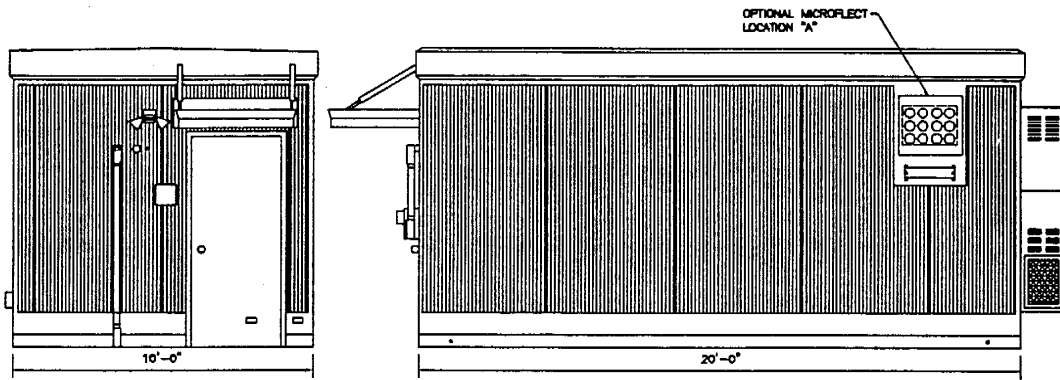


ELEVATION "A"

ELEVATION "B"



ELEVATION KEY

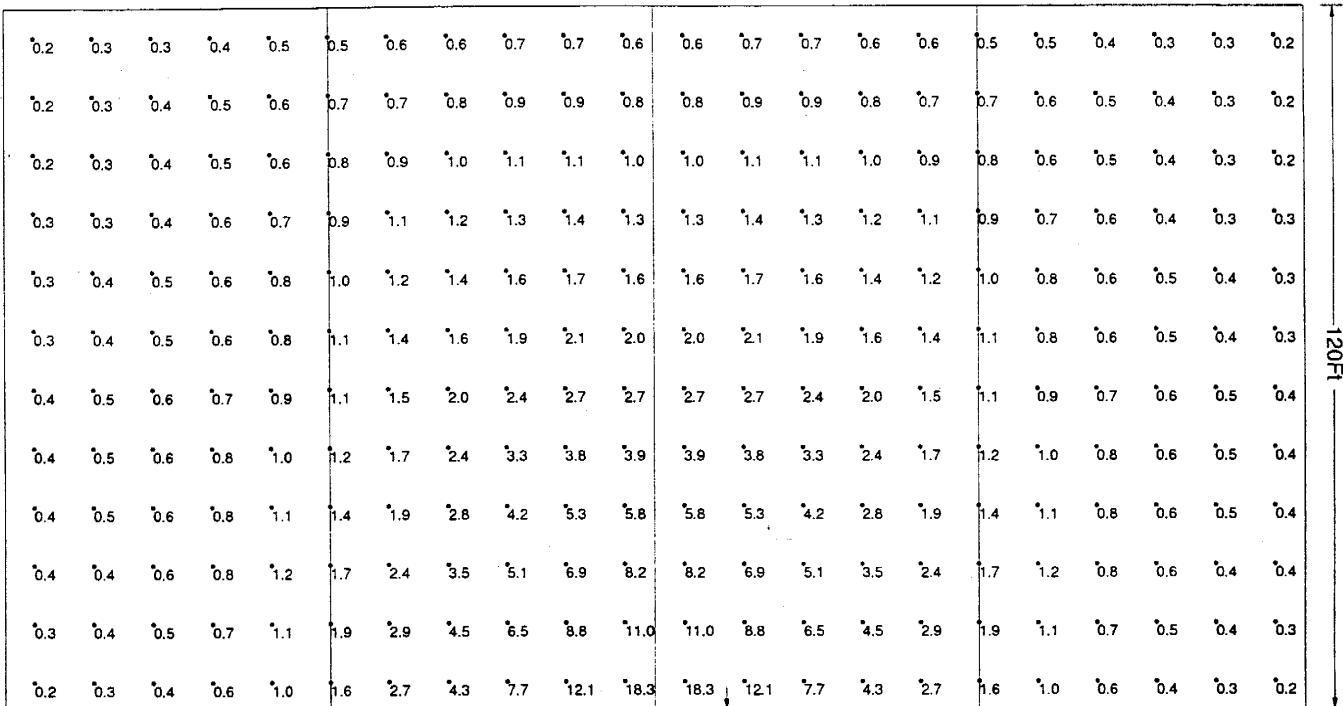


ELEVATION "C"

ELEVATION "D"

1 SITE PLAN
A01 SCALE: 1/2" = 1'-0"

220'X120' TENNIS COURT AREA



Luminaire Schedule						
Project: All Projects						
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
☐	4	CF-3	SINGLE	40000	0.800	CF3640-M (400W PSMH)

RUUD LIGHTING
 800.236.7000 USA <www.ruudlighting.com> 905.671.1991 CAN

Date: 1/10/2005 Scale: 1"=30' Layout by: Clint D. Knollenberg
 Project Name: 13735 Northwood High School
 Filename: 50110V11CDK.a32

Illumination results shown on this lighting design are based on project parameters provided to Ruud Lighting used in conjunction with luminaire test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying compliance with any applicable electrical, lighting, or energy code.

FOOTCANDLES CALCULATED AT 3' AFG USING MEAN LUMENS

Numeric Summary					
Project: All Projects					
Label	Avg	Max	Min	Avg/Min	Max/Min
TENNIS COURT	1.76	18.3	0.2	8.80	91.50

March 17, 2005

Nelson. C-CBP, Case #MR 04606-MCPS-1
 Maryland-National Capital Park and Planning Commission
 8787 Georgia Avenue
 Silver Spring, MD 20910

Dear Mr. Nelson,

We recently received notification from the Maryland-National Capital Park and Planning Commission that they received a request from Cingular Wireless and Montgomery County Public Schools, to construct a 120' monopole with lights attached at the 30' level, adjacent to the existing tennis courts at Northwood High School (Case #MR 04606-MCPS-1). This monopole is generally referred to as a cell tower that transmits radiofrequency electromagnetic radiation (RF). According to the cellular industry, the RF transmission is at a level below those considered harmful to the health of children and adults. However, the scientific research in this area is controversial and not definitive. There is some evidence to suggest that constant low intensity RF exposure may have harmful effects such as neurological problems, fatigue, sleep problems, memory loss, headaches, depression, and possibly cancer, especially in children.

It may take several more years before we better understand the true health consequences RF. Until then we do not want to expose our children and families to this potential risk. We do not think these towers should be placed near schools or homes. In addition, if the evidence grows regarding the potentially harmful health effects of RF exposure, this will clearly have a negative impact on property values since people will want to avoid living near these cell towers.

We strongly object to the placement of this cell tower at Northwood High School and urge you not to approve this request.

Thank you very much.

Sincerely,

Lillian Wiseman
 Lillian Wiseman

NOTE: STAFF ALSO RECEIVED THIS LETTER FROM THE FOLLOWING PERSONS

- | | |
|---------------------------------|----------------------------------|
| 2. Jeff and Zive Hoffman | 8. Gary and Grace Javens |
| 3. Julius and Ann Gallo | 9. Barbara and Francisco Acosta |
| 4. Marie Zuares | 10. Ashton B. Cobourn |
| 5. Lynn and Larry Benna | 11. Yook L. Soo Hoo |
| 6. Martha and Adam Peiperl | 12. Alfred and Giovanna Kempiski |
| 7. Abraham and Shirley Sperling | |



MONTGOMERY COUNTY DEPARTMENT OF PARK AND PLANNING

THE MARYLAND-NATIONAL CAPITAL
PARK AND PLANNING COMMISSION

8787 Georgia Avenue
Silver Spring, Maryland 20910-3760

MEMORANDUM

DATE: April 7, 2005

TO: Calvin Nelson, Community Based Planning

VIA: Mary Dolan, Environmental Planning *MD*

FROM: Michael Zamore, Environmental Planning *mz*

SUBJECT: Mandatory Referral No. 04606-MCPS-1
Northwood High School monopole

The Environmental Planning staff has reviewed the Mandatory Referral referenced above. Staff recommends **approval**.

Forest Conservation

This Mandatory Referral has a 'Modification of Developed Property' exemption (No. 4-05283E) from Forest Conservation Plan (FCP) requirements. There are no significant Environmental issues associated with the proposal. A Tree Save Plan is not required because there is no forest onsite and no specimen trees will be removed.

Water Quality

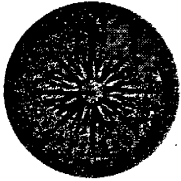
The school is in the Upper Sligo Creek subwatershed of the Sligo Creek Watershed. Sligo Creek Watershed, a tributary to the Northwest Branch of the Anacostia River, is one of the County's most urbanized watersheds. It is also the location of extensive efforts to restore an urban stream system, and an example of the successes that can be achieved in controlling urban stormwater runoff and re-establishing a viable biological community.

Stormwater Management

The project will not affect stormwater management.

Noise Control

The work onsite should not exceed the allowable noise levels for construction.



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
Montgomery County Department of Park and Planning

April 8, 2005

MEMORANDUM

TO: Calvin Nelson, Planner
Community-Based Planning Division

VIA: Daniel K. Hardy, Supervisor *DKH*
Transportation Planning

FROM: Maureen Decker, Planner/Coordinator *MD*
Transportation Planning

SUBJECT: Mandatory Referral No. 04606-MCPS-1
Northwood High School
919 University Boulevard West, Silver Spring
Kensington/Wheaton Policy Area

This memorandum is Transportation Planning staff's adequate public facilities review of the subject special exception case to construct a 110-foot monopole. The monopole will have antennas attached at the top, and new lights at the 30-foot level for the adjacent tennis courts.

RECOMMENDATION

Transportation Planning staff recommends no transportation-related conditions associated with the mandatory referral for the proposed monopole and light pole.

DISCUSSION

School Location, Access and Circulation

Northwood High School is located at 919 West University Boulevard. The school has access from University Boulevard. An existing paved access road loops around the school and provides access to the existing track field and tennis court area. The gravel access driveway to the telecommunications facility area will be located between two of the parking areas and about mid-way between the front and the rear of the property on the north side. Access to the proposed communication facility is not anticipated to impede the existing vehicular or pedestrian circulation at the school.

Master Plan Roadways and Bikeways

According to the *Approved and Adopted Kemp Mill Master Plan* dated 2001 the nearby roadways are classified as follows:

1. University Boulevard West is classified as a major highway, M-19, with a 120-foot right-of-way and a proposed signed, shared-roadway bikeway.
2. Arcola Avenue is classified as an arterial roadway, A-54, with an 80-foot right-of-way and an existing signed shared-roadway bikeway.
3. Caddington Avenue is classified as a primary residential roadway, P-4, with a 70-foot right-of-way and a proposed signed, shared-roadway bikeway.
4. Loxford Terrace and Northwood Terrace are not included in the master plan, but are classified as secondary residential streets with a 60-foot right-of-way.

Local Area Transportation Review

The subject telecommunication facility does not generate peak-hour trips during the weekday morning peak period (7:00 to 9:00 a.m.) and the evening peak period (4:00 to 6:00) because no permanent personnel are required on-site. One or two employees typically visit such facilities each month for routine maintenance or emergency repairs. For routine maintenance, the site visits would probably not occur during the morning and evening peak periods, because those periods are busier times for wireless telephone use. For emergency repairs, an occasional trip may be generated during the morning and evening peak periods. Therefore, a traffic study would not be required to be submitted to satisfy Local Area Transportation Review.

MD:gw

mno to Nelson re MR 04606-MCPS-1 Northwood HS.doc