- - - - T - -Mobile-

Site #: VA40120A
Site Name: Virginia Game Dept. Drop and Swap

Proposed replacement of existing 150' guyed tower with new 180'monopole tower with attached antennas and ground equipment at base.

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Table of Comments

1. Narrative
2. Zoning Map
3. Proposed location of tower on tax map
4. Map showing existing T-Mobile sites and existing towers in 2-mile radius
5. Propagation Map without proposed tower replacement
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7. Site Plan
8. Picture of existing tower
9. Picture of base of existing tower and proposed tower location
10. Picture of equipment currently on existing tower

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March 25th, 2004

Tim Cross
Principal Planner
120 Alexander Hamilton Blvd.
Yorktown, VA 23690-0532

RE: Omnipoint Communications proposed tower at 5806 Mooretown Road

Dear Mr. Cross,

Omnipoint Communications is applying for a Special Use Permit to allow the replacement of an existing 150' guyed tower. The property is located at 5806 Mooretown Road, on property owned by Peter V. Henderson. Mr. Henderson has agreed to lease to Omnipoint a 25' x 25' land parcel, which will accommodate the new tower and ground equipment. The Current zoning of the property is IL, with surrounding properties zoned IL, RC and RR. Space on the existing tower is leased to the Virginia game department for their long-range communication equipment.

The guyed tower will be replaced with a new 180' monopole tower inside a new fenced compound. The tower will be designed to support two additional carriers and will emit no noise, odor or sound. All applicable federal, state and local building codes will be followed before, during and after construction.

The existing game department communication equipment will be removed and transferred immediately to the new tower. Since the existing omni antennas on the tower must be replaced at the same height, a height extension is required to allow room for Omnipoints panel antennas at 180'. If the existing tower were rebuilt at the same height, 120' would be the only available rad center and severely limit the network coverage.

T-Mobile engineers have determined the network requires additional antenna locations in the area due to increased local customer demand and the wooded residential neighborhoods in the area. The antenna site will improve coverage along route 60 and the Williamsburg Outlet Mall and improve the in-building residential coverage for the citizens of Williamsburg and York County. In addition, the site will improve network capacity and limit the number of dropped and blocked calls currently experienced by T-Mobile customers.

If you require further information, please feel free to contact me at 757-490-7214. I wish to thank-you in advance for your cooperation in this matter.

Nathan Holland

Nathan Holland

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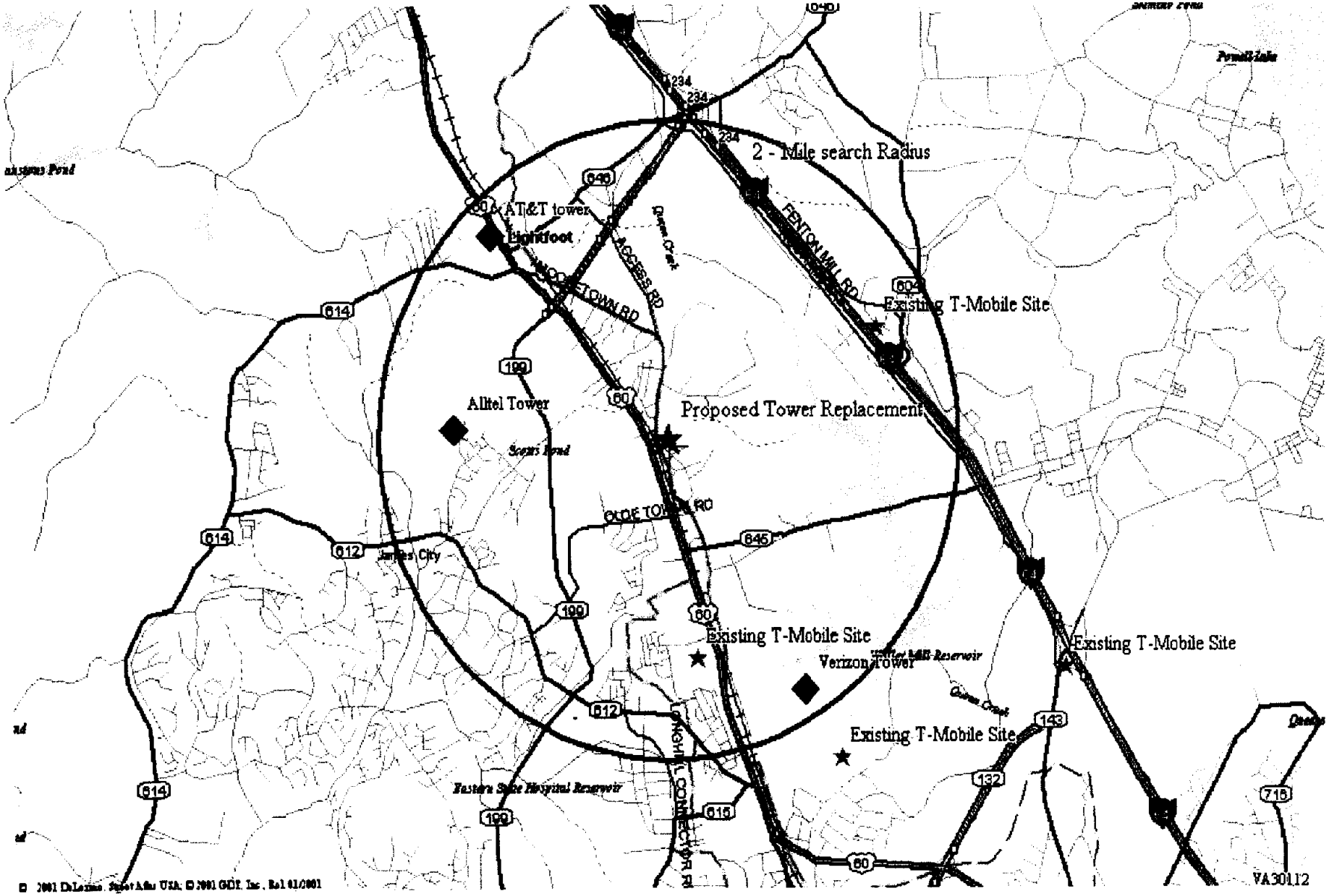
2 - Mile search Radius
AT&T tower
Lightfoot
Existing T-Mobile Site
Alltel Tower
Proposed Tower Replacement
Existing T-Mobile Site
Verizon Tower
Existing T-Mobile Site
Existing T-Mobile Site
James City
Eastern State Hospital Reservoir
VA30112

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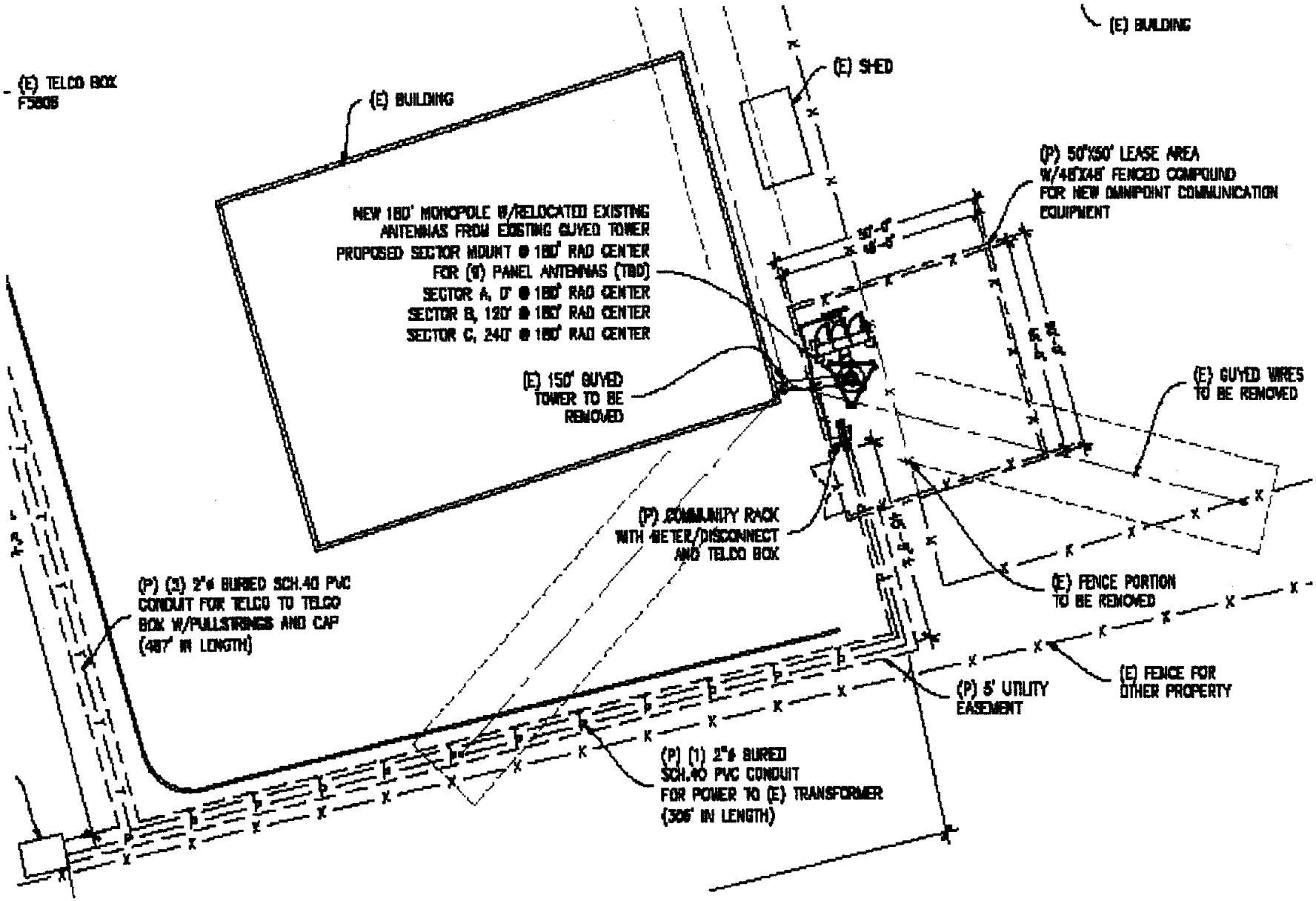
(E) BUILDING
(E) SHED
(E) TELCO BOX
F3808
(E) BUILDING
(P) 50'X50' LEASE AREA
W/48'X48' FENCED COMPOUND
FOR NEW OMNIPOINT COMMUNICATION
EQUIPMENT
NEW 180' MONOPOLE W/RELOCATED EXISTING
ANTENNAS FROM EXISTING GUYED TOWER
PROPOSED SECTOR MOUNT @ 180' RAD CENTER
FOR (9) PANEL ANTENNAS (TBD)
SECTOR A, 0° @ 180' RAD CENTER
SECTOR B, 120° @ 180' RAD CENTER
SECTOR C, 240° @ 180' RAD CENTER
(E) 150' GUYED
TOWER TO BE
REMOVED
(E) GUYED WIRES
TO BE REMOVED
(P) COMMUNITY RACK
WITH METER/DISCONNECT
AND TELCO BOX
(P) (3) 2"ø BURIED SCH.40 PVC
CONDUIT FOR TELCO TO TELCO
BOX W/PULLSTRINGS AND CAP
(487' IN LENGTH)
(E) FENCE PORTION
TO BE REMOVED
(E) FENCE FOR
OTHER PROPERTY
(P) 5' UTILITY
EASEMENT
(P) (1) 2"ø BURIED
SCH.40 PVC CONDUIT
FOR POWER TO (E) TRANSFORMER
(306' IN LENGTH)