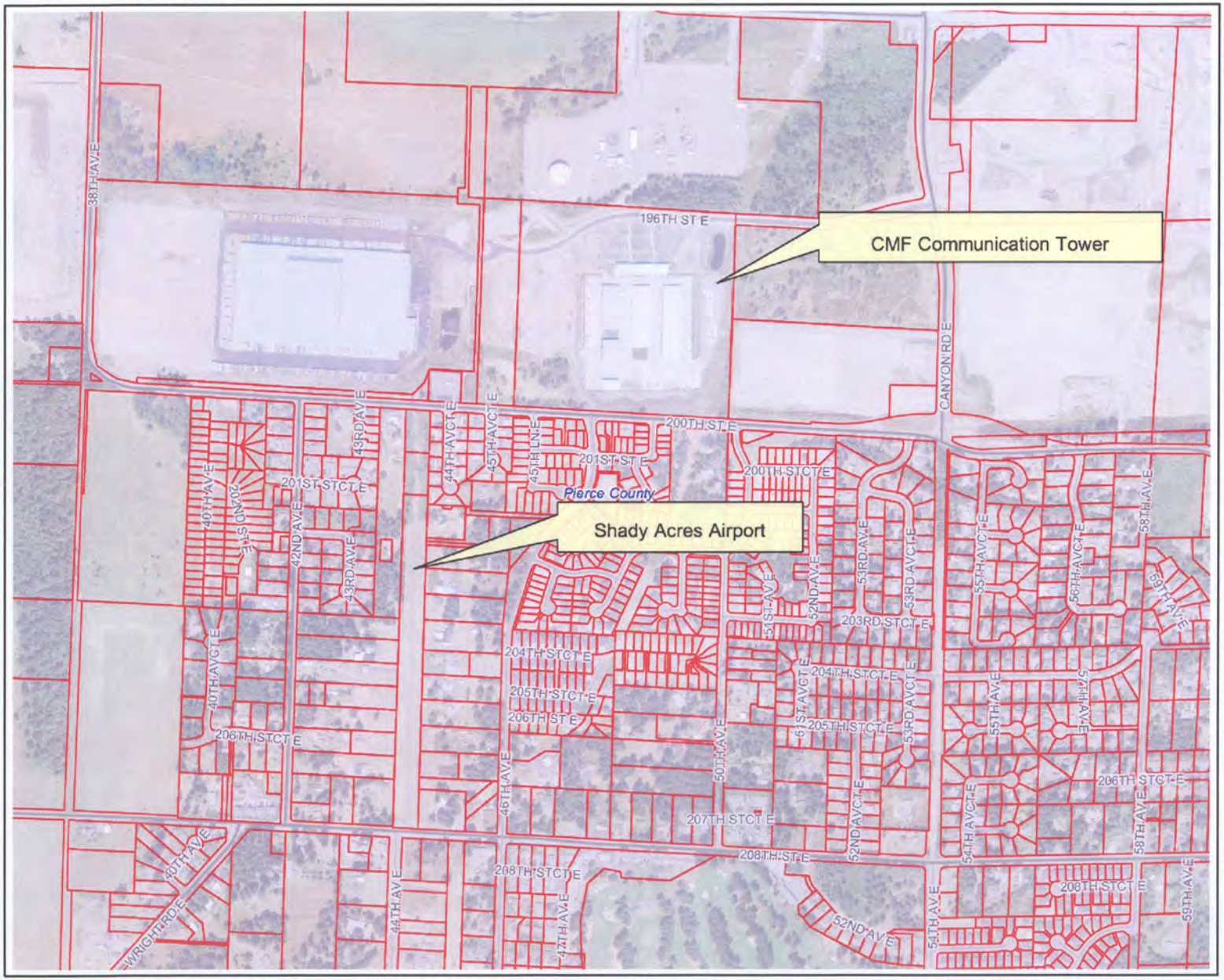
11.0 Appendices

11.1A CMF COMMUNICATION TOWER SITE & SHADY ACRES AIRPORT LOCATION

CMF Communication Tower

Shady Acres Airport



Map Legend

- Tax Parcels
- Roads
- Interstate
- Limited Access State Routes
- Other State Routes
- Ramps
- Major Arterial
- Collector
- Local Access

Pierce County Basemap

- Unincorporated County
- Tacoma
- Lakewood, Edgewood, Bonn Lake, Buckley, South Prairie
- Steilacoom, Fircrest, Fife, Gig Harbor, Orting, Eatonville, Roy, Carbonado, Wilkeson, Mt Rainier
- University Place, Puyallup, Auburn
- DuPont, Milton, Sumner
- Fort Lewis, McChord, McNeil Island

0 475 950 ft.

Printed: 3/25/10 3:50 PM

Emergency Management

Pierce County
Geographic Information Services

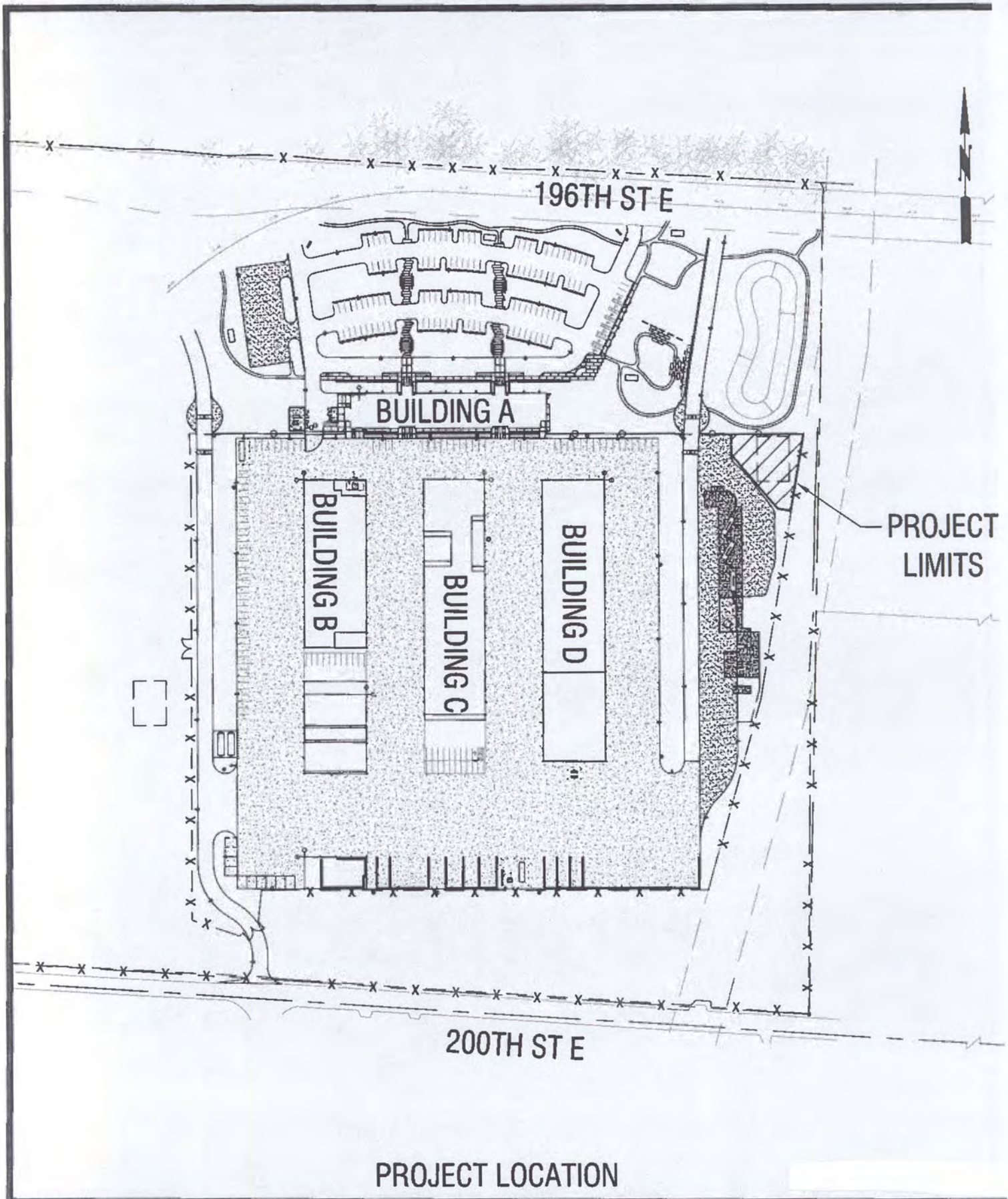
The map features are approximate and are intended only to provide an indication of said feature. Additional areas that have not been mapped may be present. This is not a survey. Orthophotos and other data may not align. Pierce County assumes no liability for variations ascertained by actual survey. All data is expressly provided AS IS and WITH ALL FAULTS. Pierce County makes no warranty of fitness for a particular purpose.

11.1B ORTHO VIEW OF CMF SITE

CMF Tower

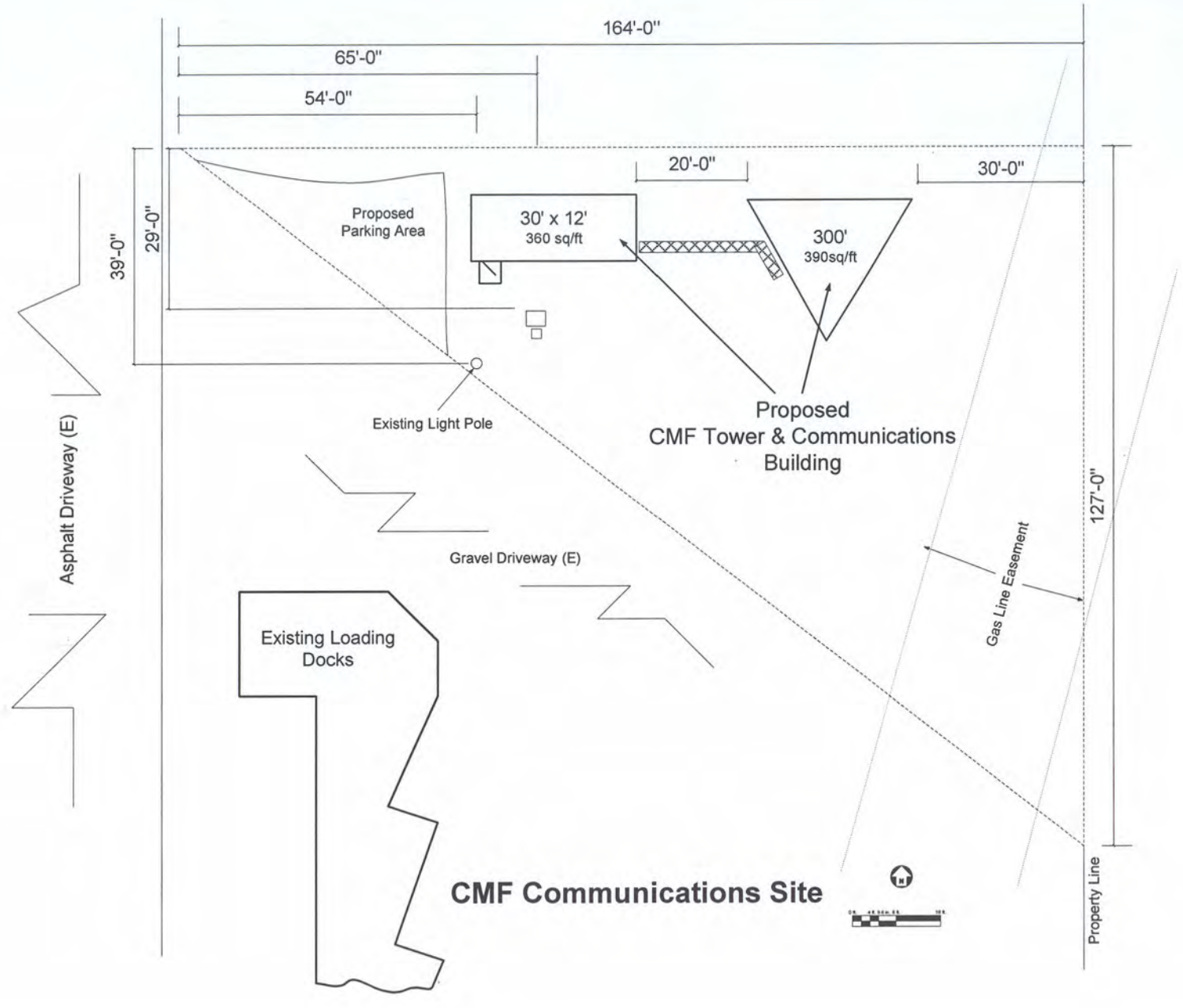
Overhead View of the site

11.1C PROJECT LIMITS WITHIN CMF SITE

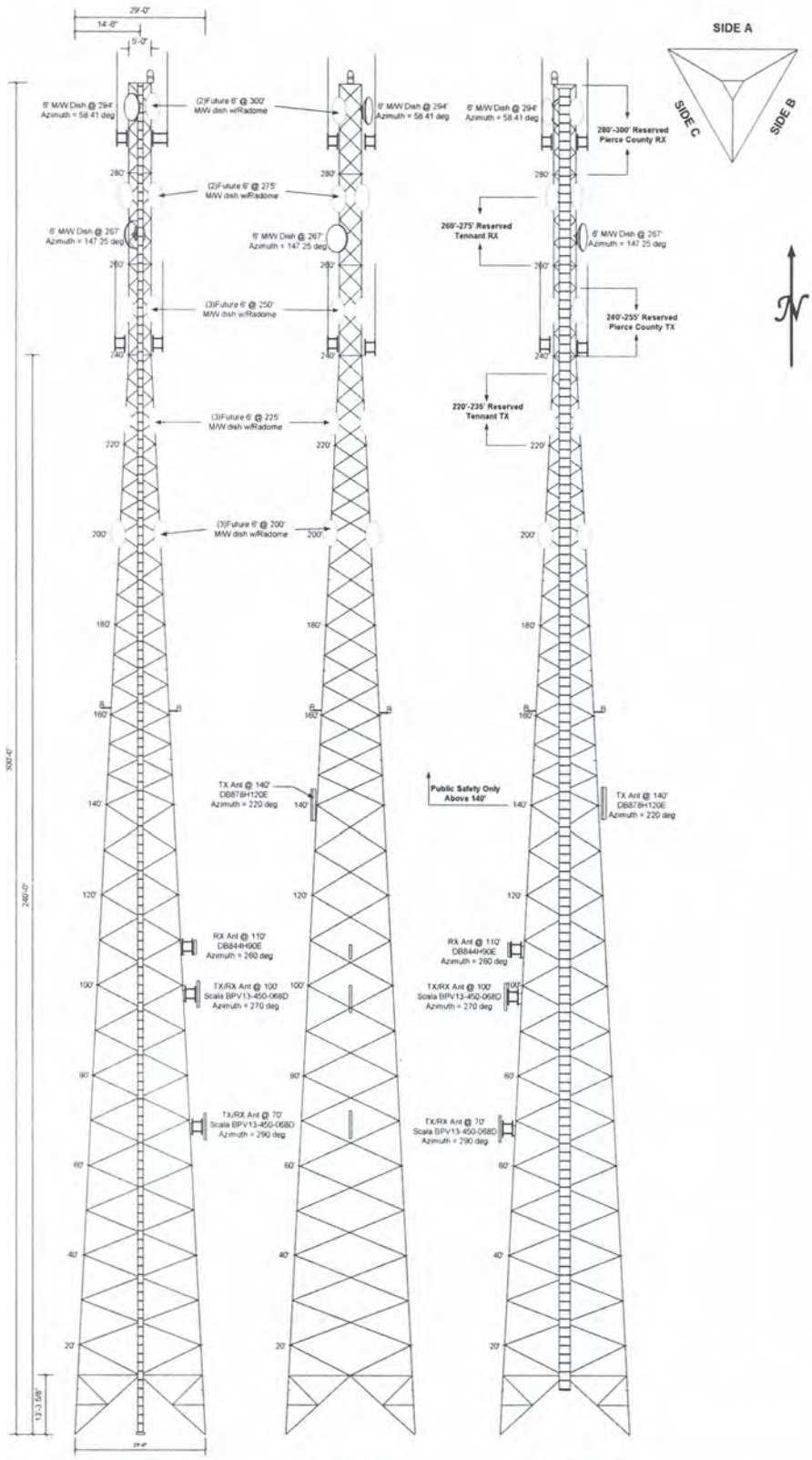


PROJECT LOCATION

11.1D COMMUNICATION TOWER SITE DETAIL


164'-0"
65'-0"
54'-0"
20'-0"
30'-0"
39'-0"
29'-0"
Proposed
Parking Area
30' x 12'
360 sq/ft
300'
390sq/ft
Existing Light Pole
Proposed
CMF Tower & Communications
Building
Asphalt Driveway (E)
Gravel Driveway (E)
Gas Line Easement
127'-0"
Existing Loading
Docks
CMF Communications Site
Property Line

11.1E REPRESENTATIONAL LATTICE TOWER ELEVATIONS (not exact)



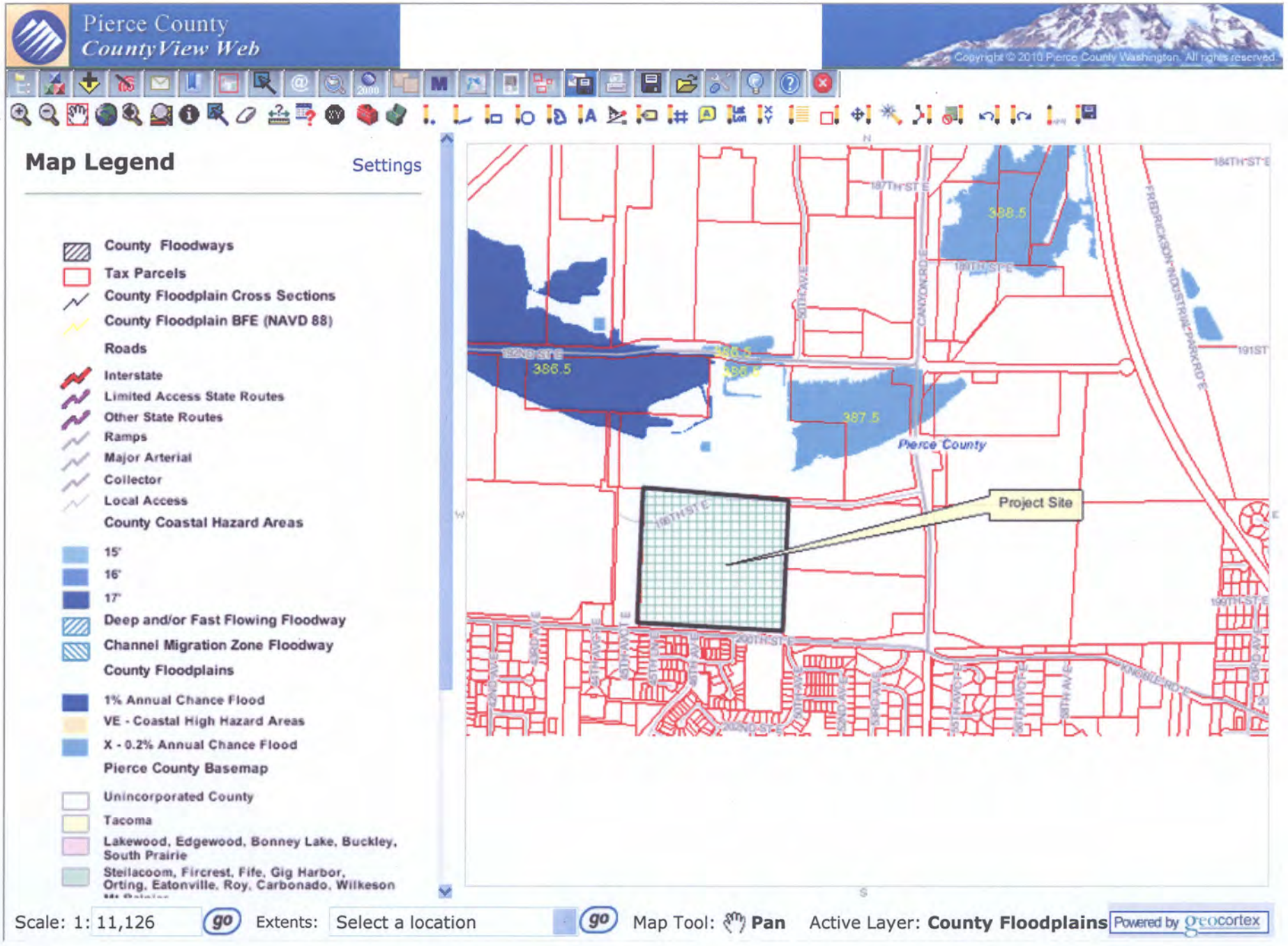
SIDE - A
(Side facing North)

SIDE - B
(Side facing South East)

SIDE - C
(Side facing South West)

DRAWING PREPARED BY JOHN ZWOSTA 3/26/10	CMF COMMUNICATIONS SITE	TOWER DETAIL	SCALE: 3/32 = 1'

11.1F PIERCE COUNTY GIS FLOOD PLAIN MAP


Pierce County
CountyView Web
Copyright © 2010 Pierce County Washington. All rights reserved.
Map Legend
Settings
County Floodways
Tax Parcels
County Floodplain Cross Sections
County Floodplain BFE (NAVD 88)
Roads
Interstate
Limited Access State Routes
Other State Routes
Ramps
Major Arterial
Collector
Local Access
County Coastal Hazard Areas
15'
16'
17'
Deep and/or Fast Flowing Floodway
Channel Migration Zone Floodway
County Floodplains
1% Annual Chance Flood
VE - Coastal High Hazard Areas
X - 0.2% Annual Chance Flood
Pierce County Basemap
Unincorporated County
Tacoma
Lakewood, Edgewood, Bonney Lake, Buckley, South Prairie
Steilacoom, Fircrest, Fife, Gig Harbor, Orting, Eatonville, Roy, Carbonado, Wilkeson
388.5
386.5
387.5
Pierce County
Project Site
Scale: 1: 11,126
go
Extents: Select a location
go
Map Tool: Pan
Active Layer: County Floodplains
Powered by geocortex

11.2 APPENDIX B

11.2A FAA DETERMINATION OF NO HAZARD TO AIR NAVIGATION, 2010-ANM-679-OE

Federal Aviation Administration
Air Traffic Airspace Branch, ASW-520
2601 Meacham Blvd.
Fort Worth, TX 76137-0520

Aeronautical Study No.
2010-ANM-679-OE

Issued Date: 04/19/2010

John Zwosta
1422 112th Street East
Tacoma, WA 98445

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower CMF
Location:	Spanaway, WA
Latitude:	47-04-38.02N NAD 83
Longitude:	122-21-48.36W
Heights:	177 feet above ground level (AGL) 602 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part I)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part II)

To coordinate frequency activation and verify that no interference is caused to FAA facilities, prior to beginning any transmission from the site you must contact Khoat Nguyen @ 425-227-1172.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking and/or lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

While the structure does not constitute a hazard to air navigation, it would be located within or near a military training area and/or route.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as

11.2B DEPARTMENT OF ARCHAEOLOGY & HISTORICAL PRESERVATION LETTER, dated April 24, 2006, Log #042406-20-PI

PHS
Mary —
cc: Andy Greenwood

FILE

STATE OF WASHINGTON

DEPARTMENT OF ARCHAEOLOGY & HISTORIC PRESERVATION

1063 S. Capitol Way, Suite 106 • Olympia, Washington 98501
Mailing address: PO Box 48343 • Olympia, Washington 98504-8343
(360) 586-3065 • Fax Number (360) 586-3067 • Website: www.dahp.wa.gov

RECEIVED
APR 2 6 2006
PIERCE COUNTY PUBLIC WORKS
TACOMA MALL PLAZA

April 24, 2006

Mr. Patrick Baughman
Pierce County Dept. of Public Works and Utilities
2702 South 42nd St.
Suite 201
Tacoma, WA 98409-7422

In future correspondence please refer to:
Log: 042406-20-PI
Property: Pierce County Central Maintenance Facility and 196th Street East Project
Re: No Historic Properties Affected

Dear Mr. Baughman:

Thank you for contacting the Washington State Department of Archaeology and Historic Preservation (DAHP). We have received and reviewed the cultural resources survey report completed by Western Shore Heritage Services, Inc. for the project.

We concur that no historic properties will be affected by the current project as proposed. If additional information on the project becomes available, or if any archaeological resources are uncovered during construction, please halt work in the area of discovery and contact the appropriate Native American Tribes and DAHP for further consultation.

Thank you for the opportunity to review and comment. Should you have any questions, please contact me.

Sincerely,

Matthew Sterner, M.A., RPA
Transportation Archaeologist
(360) 586-3082
matthew.sterner@dahp.wa.gov

11.2C FCC ANTENNA STRUCTURE REGISTRATION NUMBER COMMUNICATION, #1274006

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
ANTENNA STRUCTURE REGISTRATION

OWNER: PIERCE COUNTY

FCC Registration Number (FRN): 0006060149

ATTN: COMMUNICATIONS DIV PROGRAM MANAGER PIERCE COUNTY 2501 SOUTH 35TH STREET SUITE D TACOMA, WA 98409	**Antenna Structure Registration Number** 1274006
	Issue Date 04-20-2010
Location of Antenna Structure 4812 196th Street East Spanaway, WA	**Ground Elevation (AMSL)** 129.5 **meters**
	Overall Height Above Ground (AGL) 53.9 **meters**
Latitude 47-04-38.0 N **Longitude** 122-21-48.4 W **NAD83**	**Overall Height Above Mean Sea Level (AMSL)** 183.4 **meters**

Painting and Lighting Requirements:
NONE
Paint and Light in Accordance with FAA Circular Number

Conditions:

This registration is effective upon completion of the described antenna structure and notification to the Commission. **YOU MUST NOTIFY THE COMMISSION WITHIN 24 HOURS OF COMPLETION OF CONSTRUCTION OR CANCELLATION OF YOUR PROJECT, please file FCC Form 854.** To file electronically, connect to the antenna structure registration system by pointing your web browser to http://wireless.fcc.gov/antenna. Electronic filing is recommended. You may also file manually by submitting a paper copy of FCC Form 854. Use purpose code "NT" for notification of completion of construction; use purpose code "CA" to cancel your registration.

The Antenna Structure Registration is not an authorization to construct radio facilities or transmit radio signals. It is necessary that all radio equipment on this structure be covered by a valid FCC license or construction permit.

You must immediately provide a copy of this Registration to all tenant licensees and permittees sited on the structure described on this Registration (although not required, you may want to use Certified Mail to obtain proof of receipt), and *display* your Registration Number at the site. See reverse for important information about the Commission's Antenna Structure Registration rules.

FCC 854R
August 2007

11.3 APPENDIX C

11.3A PUBLIC NOTICE-FEDERAL EMERGENCY MANAGEMENT AGENCY

PUBLIC NOTICE

Federal Emergency Management Agency
Draft Environmental Assessment
Central Maintenance Facility Radio Tower Project, Pierce County, Washington

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) proposes to provide construction funding to Pierce County for a radio/communications tower. Funding would be provided through the Homeland Security Grant Program consistent with the Implementing Recommendations of the 9/11 Commission Act of 2007 (Public Law 110-53).

A draft Environmental Assessment (EA) has been prepared for the proposed project pursuant to the National Environmental Policy Act (NEPA) of 1969 and FEMA's implementing regulations found in 44 Code of Federal Regulations (CFR) Part 10. The EA evaluates alternatives for compliance with applicable environmental laws, including Executive Orders #11990 (Protection of Wetlands), #11988 (Floodplain Management), and #12898 (Environmental Justice). The alternatives evaluated in the EA are the no action; and proposed action, construction of a radio/communications tower at the County's Central Maintenance Facility near Spanaway, Pierce County.

The EA is available for review online at the FEMA environmental web site at: http://www.fema.gov/plan/ehp/envdocuments under Region X. If no significant issues are identified during the comment period, FEMA will finalize the EA, issue a Finding of No Significant Impact (FONSI), and fund the project. Unless substantive comments are received, FEMA will not publish another notice for this project. However, should a FONSI be issued, it will be available for public viewing at http://www.fema.gov/plan/ehp/envdocuments under Region X.

The draft EA is also available for review on May 19, 2010 at the Pierce County Planning and Land Services Offices, 2401 South 35th Street, Suite 175, Tacoma, WA 98409-7490 from 8 am to 4:30 pm Monday through Friday.

Written comments on the draft EA should directed no later than 5 p.m. on June 16, 2010to Mark G. Eberlein, Regional Environmental Officer, FEMA Region X, 130 228th Street SW, Bothell, WA 98021, or by e-mail at mark.eberlein@dhs.gov. Comments also can be faxed to 425-487-4613.