Project description: This should include all proposed activities and details on size, height, exterior colors, and construction materials of proposed structures. Any areas of ground disturbance and landscaping details should also be described. It is important to describe all aspects of your project so that you may gain approval for all of the development activities you plan to do.

AT ANTENNA LEVEL, REMOVE (3) ANTENNAS AND INSTALL (3) ANTENNAS, (1) HYBRID CABLE, (1) COVP, (3) AHLOAS AND (1) ANGLE IRON FOR CABLE MANAGEMENT.
RELOCATE (2) FXFC FROM GROUND LEVEL TO TOWER.
AT GROUND LEVEL, REMOVE (1) ESMB, (1) FBBC, (1) ULTRASITE CABINET AND (3) FRLB AND INSTALL (1) FULL ICE CANOPY OVER EXISTING PAD, (2) AMOB, (1) ASIA, (2) ABIA, (1) ABIL, (1) ASIK AND (2) FCOA CABINET.
INSTALL (5) RECTIFIERS TO SSC AND UPGRADE ROUTER.
INSTALL LED LIGHTS

The new antennas will be off-white in color and dimensions HxWxD 95.9" X 25.2" X 9.3". A depiction is found on Sheet C-4.

The new Nokia AHLOA units will be off-white in color and dimensions HxWxD 28.74" X 15.35" X 9.44". See depiction on Sheet C-5.
The new Raycap COVP will be off-white in color and dimensions HxWxD 18.86" x 20.38" x 5.83". A depiction can be found on Sheet C-4.

The relocated Nokia Flexi-Radio FXFC will be dark grey in color and dimensions HxWxD 5.2" x 19.4" x 22.1". See Sheet G-1.

The proposed ice canopy over the existing concrete pad is 10’ 6”H x 10’W x 15’L. See sheet C-1.1.

One Ultrasite cabinet will be removed from the concrete pad and be replaced with a FCOA cabinet. Dimensions HxWxD 76.38" x 30.3" x 30.3". The cabinet is grey in color and depicted on Sheet C-6.

LED worklights are located near the cabinets and will only be turned on and off with a switch when maintenance work needs to be performed.

No ground disturbance or changes to the site’s existing landscaping elements is proposed.
Application checklist: The following is required to complete your application:

- Application form completed and signed
- Site plan
- Key viewing areas checklist, elevation drawings, and landscape details, if required
- Names and addresses of adjacent property owners, if required
- Any additional information as required

Signature of the property owner(s) indicates that the property owner(s) is/are aware that an application is being made on the subject property. Signature of the property owner(s) also authorizes the Gorge Commission or the Commission's designee(s) reasonable access to the site in order to evaluate the application.

Applicant(s) signature: ____________ date ____________

Property owner(s) signature: Scott Alan Hall date 4-11-10

Wendy D. Jaekel-Hall date 4-11-10
Site Plan

A plan drawn in black ink at a scale of 1 inch equals 200 feet (1:2400) or at a scale providing greater detail must be included with the application.

If the parcel is very large, you may show on the portion of the parcel affected by the proposed use. Be sure, however, to show enough of the parcel or some adjacent features, such as roads, so that the planners can orient themselves on your map. A small vicinity map showing the subject parcel and surrounding parcels may help.

At a minimum, you must show the following features; other site plan information may be required depending on the type or location of development being proposed.

- applicant(s) name
- location and width of existing and proposed roads, driveways, and trails
- scale and north arrow
- location and size of all existing and proposed structures
- boundaries of parcel with dimensions and size
- location of existing and proposed services including wells or other water supplies, sewage disposal systems, power and telephone poles and lines and outdoor lighting
- significant terrain features or landforms
- location and depth of all proposed grading and ditching
- groupings and species of trees or other vegetation on the parcel
- N/A location and species of vegetation that would be removed or planted
- N/A bodies of water and water courses
*Please use this template or attach a separate site plan

Site plan (continued): See enclosed survey and Site Plan on Sheet C-1 for details
Key Viewing Areas:

Key viewing areas are important public viewpoints and areas that afford opportunities to view the Gorge scenery. Key viewing areas are listed below.

Please check those sites which can be seen from your property:

- Historic Columbia River Highway
- Old Highway 8 (County Road 1230)
- Highway I-84
- Washington State Route 142
- Washington State Route 14
- Washington State Route 141
- Panorama Point Park
- Columbia River
- Rowena Plateau and Nature Conservancy Viewpoint
- Cook-Underwood Road

If your project would be visible from one or more key viewing areas, then you must submit elevation drawings and landscaping details.

**Elevation drawings** must show the sides of proposed buildings which would be visible from key viewing areas, including:

- the appearance of proposed buildings over 400 square feet in size
- surrounding final grades

**Landscape details** must show how your project will be screened from key viewing areas, including:

- location of plants used
- number of plants
- size of plants
- type of plants
- irrigation provisions or other measures to ensure the survival of landscaping planted for screening purposes
- location of existing and proposed topographical features which would screen your project.
**Adjacent Property Owners:**

If your project is included in one of the categories below, then you must submit names and address of adjacent property owners within a specified distance (200 feet or 500 feet) of the perimeter of your parcel. The following list specifies the distance within which property owners must be notified of your proposal. You only need to provide the names and address (along with the parcel number); the Commission will send the notice.

Your county Assessor’s Office can assist you in obtaining this property owner information. You may use the back of this form to record the names and addresses or you may submit forms which the county may provide you.

**Notification of landowners within 200 feet:**

- Uses within Residential designation (except single-family dwellings located adjacent to Agriculture or Forest designations - see notification of landowners within 500 feet)
- Uses within Agriculture designation (except non-farm single-family dwellings in Large-Scale Agriculture designation - see notification of landowners within 500 feet)
- Uses within Forest designation (except utility facilities, railroads, home occupations, cottage industries, wineries, agriculture product processing and packaging, mineral resources, geothermal resources, aquaculture, boarding of horses, temporary asphalt/batch plants, expansion of non-profit camps-retreats-conference centers, bed and breakfasts, and non-profit learning/research facilities - see notification of landowners within 500 feet)
- Uses within Commercial designations
- Uses within Recreation designations
- **Uses within Open Space designations**
- Uses within Agriculture-Special designations
- Uses within Special Management Areas

**Notification of landowners within 500 feet:**

- Single-family dwellings within Residential designation located adjacent to Agriculture or Forest designations
- Non-farm single-family dwellings within Large-Scale Agriculture designation
- Utility facilities, railroad, home occupations, wineries, agriculture product processing and packaging, mineral resources, geothermal resources, aquaculture, boarding of horses, temporary asphalt/batch plants, expansion of non-profit camps-retreats-conference centers, and bed and breakfasts, non-profit learning/research facilities within Forest designations
### Adjacent property owners (continued):

<table>
<thead>
<tr>
<th>Township, Range, Section, Tax Lot Number</th>
<th>Name, Address, and E-mail (if possible)</th>
</tr>
</thead>
<tbody>
<tr>
<td>T2N, R15E, S3 02150300009900</td>
<td>Bonneville Powder Administration; 5240 Trosper ST SW, Olympia, WA 98512</td>
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<td>T2N, R15E, S10 02150300000700</td>
<td>PUD #1 of Klickitat County; 1313 S Columbus, Goldendale, WA 98620</td>
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<td>T2N, R15E, S3 02150300000600</td>
<td>Scott, Hall; 9650 HWY 14, Goldendale, WA 98620</td>
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</table>
Projects Requiring Grading Plans:
If your project meets one of the following, then you must submit a grading plan:

In the General Management Area:
- applications for structural development involving more than 100 total cubic yards of
  grading (material excavated and/or used as fill) with slopes of more than 10%;
- applications for structural development involving more than 200 total cubic yards of
  grading (material excavated and/or used as fill) where the building site is visible from one
  or more Key Viewing Areas

In the Special Management Area:
- applications for structural development involving more than 100 total cubic yards of
  grading (material excavated and/or used as fill) with slopes of more than 10% (except
  trails)

The grading plan must include the following:

☐ A map of the site prepared at a scale of 1 inch equals 200, feet (1:2,400) or at a scale
  providing greater detail, with contour intervals of at least every five feet including:
  • Existing and proposed final grades
  • Location of all areas to be graded, with cut banks and fill slopes delineated; and,
  • Estimated dimensions of graded areas.

☐ A narrative description of the proposed grading activity, including:
  • Its purpose
  • An estimate of the total volume of material to be moved
  • The height of all cut banks and fill slopes
  • Provisions to be used for compaction, drainage, and stabilization of graded areas
    (preparation of this information by a licensed engineer of geologist is
    recommended)
  • A description of all plant materials used to revegetate exposed slopes and banks,
    including types of species, number of, size and location of plants, and a description of
    irrigation provisions or other measures necessary to ensure the survival of plantings;
    and
  • A description of any interim or permanent erosion control measures to be utilized.

Please note: Structural development on slopes greater than 30% is prohibited.
If your project is listed below, you will also need to submit additional information. Contact a Gorge Commission planner for help in identifying the information required.

**Projects in the General Management Area:**
- Agricultural Buildings and Agricultural Labor Housing
- Projects within 1000 feet of sensitive wildlife and plant sites or water resources
- Single-family dwellings on lands designated Large or Small Woodland
- Single-family dwellings in conjunction with agricultural use
- Single-family dwellings not in conjunction with agricultural use (on Large-Scale Agriculture)
- Single-family dwelling for an Agricultural Operator’s Relative
- Wineries or tasting rooms
- Temporary Hardship Dwelling
- **N/A** Communications and Utility Facilities on lands visible from key viewing areas
- New livestock grazing; new fences, livestock watering facilities, and corrals; or soil, water, and vegetation conservation activities on lands designated Agriculture-Special
- Production and/or development of mineral resources and expansion of existing quarries
- Uses located in or providing recreational access to the Columbia River or its tributaries

**Projects in the Special Management Area:**
- Single-family dwellings on lands designated Forest, Agriculture or Public Recreation
- Agricultural Buildings and Agricultural Labor Housing
- Clearing trees for new agricultural use
- Any new use or development on lands designated Open Space

**Projects Requiring Cultural Resources Reconnaissance Surveys and Historic Surveys for Large-Scale Uses:**
- Residential development of two or more dwellings
- Recreation facilities
- Commercial or industrial development
- Public transportation facilities
- Electric facilities, lines, equipment, and appurtenances that are 33 kilovolts or greater
- Communication, water and sewer, and natural gas transmission lines, pipes, equipment, and appurtenances

**Projects Requiring Sensitive Plant and Wildlife Surveys:**
- Land divisions that create four or more parcels
- Recreation facilities that contain parking areas for 10 cars, overnight camping facilities, boat ramps, and visitor information and environmental education facilities
- Public transportation facilities that are outside improved rights-of-way
- Electric facilities, lines, equipment, and appurtenances that are 33 kilovolts or greater
- Communication, water and sewer, and natural gas transmission lines, pipes, equipment, and appurtenances (except minor projects as specified in Commission Rule 350-81)

Please contact the Columbia River Gorge Commission’s office if you need assistance or have any questions. The Commission recommends scheduling a pre-application meeting to discuss your project with a planner before submitting your application for review. Please call 509-493-3323 or contact us via our website at www.gorgecommission.org.
SITE INFORMATION

SITE NAME: HAYSTACK BUTTE
SITE NUMBER: PO02600A
FILE NAME: 310444_PO02600A_L600_FCD_REV_0_08132018

LOCATION:
184 Rattlesnake Rd., Centerville, WA 98613
45° 40' 48.978", -120° 54' 48.786"

104' GUYED TOWER
L600

CONTACT INFORMATION

TOWER MANAGER: AMERICAN TOWER
10 Presidential Way
Woodinville, WA 98072

SITE ADDRESS: 184 Rattlesnake Rd., Centerville, WA 98613
COUNTRY: Klickitat
LATITUDE: 45° 40' 48.978"
LONGITUDE: -120° 54' 48.786"
GROUND ELEVATION: 2200 ft

CAPACITY TYPE: UNMANNED
ZONING JURISDICTION: Klickitat County
ZONING CODE: OPEN SPACE
PERMIT NUMBER: 02-16-0004-0006

POWER PROVIDER: Klickitat PUD
PHONE: 509-765-0884

SITE ACQUISITION: POWDER RIVER ENGINEERING SERVICES, LLC
430 E. Eagle Road, Suite 200
Eagle, ID 83616
CONTACT: Owen Hansen
PHONE: 208-379-6884

APPLICATION: T-Mobile West LLC
12931 NE 122nd Ave
Bellevue, WA 98034
CONTACT: Jessaca Nanay
PHONE: 480-667-5200

T-1

THE INFORMATION CONTAINED HEREIN IS FOR THE PURPOSES OF CONSTRUCTION AND IS SUBJECT TO CHANGE WITHOUT NOTICE. THE INFORMATION CONTAINED HEREIN IS NOT INTENDED FOR RESALE OR DISTRIBUTION TO THIRD PARTIES WITHOUT THE EXPRESS WRITTEN CONSENT OF T-Mobile. ANY UNAUTHORIZED USE OF THIS INFORMATION IS PROHIBITED.
CONCRETE NOTES
1. THE Maximum COMPRESSIVE STRENGTH of CONCRETE at 28 Days shall be as follows:
   
   | F.C. | 4,000 PSI | FOOTINGS, GRADE REAS & ALL OTHER |
   | F.C. | 3,000 PSI | INTERIOR AND EXTERIOR WALLS |
   | F.C. | 2,000 PSI | EXTERIOR WALLS |
   | F.C. | 1,500 PSI | SLAB ON GRADE |

2. ALL CONCRETE UNLESS OTHERWISE SPECIFIED SHALL BE AVERAGE DENSITY TYPE (100 PSI) AGGREGATE CANADA 70 TO 73 MINIMUM CEMENT COMPOSITION.
3. CEMENT TO ACCORDING TO ASTM C-150 TYPE V UNLESS OTHERWISE SPECIFIED.

4. Concrete MIX DESIGN FOR OPEN COMPRESSIVE STRENGTH GREATER THAN 2000 PSIS. ALL MIX DESIGN FORMULAS ARE REQUIRED TO ACCORDING TO THE PROPER FORMULAS PERimet HER.

5. Concrete MIX DESIGN FOR OPEN COMPRESSIVE STRENGTH LESS THAN 2000 PSIS. ALL MIX DESIGN Formulas ARE REQUIRED TO ACCORDING TO THE PROPER Formulas PERimet HER.

6. ALL WRITTEN AND PHONE COMMUNICATIONS ARE REQUIRED TO ACCORDING TO THE PROPER Formulas PERimet HER.

7. CONCRETE SHALL BE SIGNED AND INSTRUMENTED IN ACCORDANCE WITH ASTM 1 331-01.

8. CONCRETE SHALL BE STORED AND HANDLED IN ACCORDANCE WITH ASTM 1 331-01.

9. CONCRETE SHALL BE SIGNED AND INSTRUMENTED IN ACCORDANCE WITH ASTM 1 331-01.

10. CONCRETE SHALL BE SIGNED AND INSTRUMENTED IN ACCORDANCE WITH ASTM 1 331-01.

11. CONCRETE SHALL BE SIGNED AND INSTRUMENTED IN ACCORDANCE WITH ASTM 1 331-01.

12. CONCRETE SHALL BE SIGNED AND INSTRUMENTED IN ACCORDANCE WITH ASTM 1 331-01.

13. CONCRETE SHALL BE SIGNED AND INSTRUMENTED IN ACCORDANCE WITH ASTM 1 331-01.

14. CONCRETE SHALL BE SIGNED AND INSTRUMENTED IN ACCORDANCE WITH ASTM 1 331-01.

FOUNDATION NOTES
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SKEWPY, ETC. NECESSARY TO ACCORDING TO THE PROPER FORMULAS PERimet HER.

2. ALL FOUNDATION FORMS SHALL BE REMOVED AND STORED IN ACCORDANCE WITH ASTM 1 331-01.

3. ALL FOUNDATION FORMS SHALL BE REMOVED AND STORED IN ACCORDANCE WITH ASTM 1 331-01.

4. ALL FOUNDATION FORMS SHALL BE REMOVED AND STORED IN ACCORDANCE WITH ASTM 1 331-01.

CONCRETE REINFORCING STEEL
CONCRETE REINFORCING STEEL FOR CONCRETE SHALL BE DEEMED STEEL COMPARING TO THE REQUIREMENTS OF ASTM A-615. DEVIATIONS SHALL BE ACCORDING TO ASTM A-615.

GRADE 40 (4X4 SIZES)
GRADE 60 (6X6 SIZES)

1. THE ACTUAL FIELD STRENGTHS ON FIELD TESTS SHALL NOT EXCEED THE DESIGNED STRENGTH OF STEEL PER ASTM A-615.

2. THE ACTUAL FIELD STRENGTHS ON FIELD TESTS SHALL NOT EXCEED THE DESIGNED STRENGTH OF STEEL PER ASTM A-615.


5. THE ACTUAL FIELD STRENGTHS ON FIELD TESTS SHALL NOT EXCEED THE DESIGNED STRENGTH OF STEEL PER ASTM A-615.
GENERAL NOTES
T-MOBILE #: PO02600A
ATC #: 310444
184 RATTLESNAKE RD.
CENTERVILLE, WA
98613

C-3

ANTENNA PLAN (EXISTING)

ANTENNA PLAN (PROPOSED)

ANTENNA SCHEDULE

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ANTENNA PLAN (EXISTING)

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One Subrack Indoor Maximum configuration:
- 6 ABIA + 2 ASIA + 1 AMIA
- IP20 rating (Indoor)

One Subrack Outdoor Maximum configuration:
- 6 ABIA + 2 ASIA + 1 AMCB
- IP65 rating

No boots on ASIA and ABIA fiber/power/Ethernet connectors

NOTE: No power connections for Radio Module
NOTE: THE GROUNDING PLAN PROVIDED HEREBY IS SUBJECT TO REVIEW BY GROUNDING OFFICIALS OF T-MOBILE AND MAY BE SUBJECT TO ADDITIONAL INFORMATION AND REQUIREMENTS.

EQUIPMENT GROUNDING PLAN (TYPICAL)

LEGEND:

GROUND WIRE

CABLE GROUND (ELECTRICAL WIRE)

MECHANICAL CONNECTION

GROUND ROOF

TEST WELL

SCALE: N.T.S.

ANTENNA GROUNDING PLAN (TYPICAL)

LEGEND:

GROUND WIRE

MECHANICAL CONNECTION

T-MOBILE #: PO02600A
ATC #: 310444
184 RATTLESNAKE RD. CENTERVILLE, WA 98613

G-1

T-MOBILE #: PO02600A
ATC #: 310444
184 RATTLESNAKE RD. CENTERVILLE, WA 98613

G-1
T-MOBILE #: PO02600A
ATC #: 310444
184 RATTLESNAKE RD.
CENTERVILLE, WA
98613

GROUNDING DETAILS

NOT USED
5 ICE CANOPY & CANOPY POST GROUNDING DETAIL
3 GROUND BAR DETAIL

NOT USED
6

CADWELD CONNECTION TYPES

SCALE: N.T.S.

1. CADWELD "TYPE" SHOWN ARE EXAMPLES. CONSULT WITH CONTRIBUTING MANUFACTURERS FOR SPECIFIC TYPES OF CONNECTIONS.
2. CHECK WITH TOWER OWNER THAT THE USE OF CADWELD IS ACCEPTABLE PRIOR TO INSTALLATION.

SCALE: N.T.S.

TYPES:
- TYPE 2/3/9-2
- TYPE VS
- TYPE YHC
- TYPE CT
- TYPE V-2
Aerial Views of Site:

HWY 14 can be seen from tower location aerial, but not from on the ground on HWY 14 due to slope.
LED Work Lights. Similar models to be installed at site.