



108 E. Proctor Street  
Carson City, Nevada 89701  
(775) 887-2180  
Hearing Impaired: 711

## MEMORANDUM

Historic Resource Commission meeting of October 14, 2021

**To:** Historic Resource Commission **Item 5.B**

**From:** Heather Ferris, Planning Manager

**Date:** October 7, 2021

**Subject:** HRC-2021-0379 For Possible Action: Discussion and possible action regarding a Section 106 Technical Report prepared due to Federal permitting for telecommunications equipment at the Bristlecone Building on the Western Nevada College campus, on property zoned Public Regional (PR) and located at 2201 W College Parkway, APN 007-521-01.

This item is before the Historic Resource Commission as a consulting agency. The proposed telecommunications equipment requires permitting through the Federal Communications Commission. Consistent with Section 106 of the National Historic Preservation Act of 1966 ( NHPA ), an analysis of the potential impacts on cultural resources has been prepared as part of the permitting process. This report concludes that historic properties will not be affected by the telecommunications equipment. The Commission will review the report (attached) and provide comment as a consulting agency.

A Section 106 review process is a component of the NHPA. Section 106 of NHPA requires each federal agency to identify and assess the effects their actions will have on historic and cultural resources. The federal agency will consider public views and concerns about historic preservation issues when making final project decision.

Environmental Corp. of America  
1375 Union Hill Industrial Ct., Ste. A  
Alpharetta, GA 30004



Phone: 770-667-2040  
Fax No.: 770-667-2041

From: Elyse Hoganson  
elyse.hoganson@eca-usa.com

To: Rebecca L. Palmer - State Historic Preservation Officer  
901 S. Stewart Street, Suite 5004  
Carson City, Nevada 89701

**RECEIVED**  
SEP 27 2021  
STATE HISTORIC  
PRESERVATION OFFICE

TRANSMITTAL COVER SHEET

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Date: September 24, 2021

Subject: Section 106 Review  
TCNS ID # 238096  
Proposed Installation of Telecommunications Equipment  
On a 38-Foot Tall Existing Building  
Western Nevada College (FA# 15456809)  
2201 West College Parkway  
Carson City, Nevada  
ECA Project No. X1568  
E106 Filing #: 0009727149

Notes: Ms. Palmer,

Enclosed is one copy of the Section 106 Review documentation. We are requesting from the SHPO concurrence with a finding of "No Effect". If Please let me know if you have any questions or if you need any additional information.

Thank you,

A handwritten signature in cursive script that reads 'Elyse Hoganson'.

Elyse Hoganson, MHP  
Project Manager



# ENVIRONMENTAL CORPORATION OF AMERICA

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## Section 106 Review

TCNS ID 238096

Proposed Installation of Telecommunications Equipment  
On a 38-Foot Tall Existing Building

**Western Nevada College  
(FA# 15456809)**

**2201 West College Parkway  
Carson City, Nevada**

ECA Project No. X1568



### SUBMITTED TO:

Nevada State Historic Preservation Office  
901 S. Stewart Street, Suite 5004  
Carson City, Nevada 89701

### PREPARED BY:

Environmental Corporation of America  
1375 Union Hill Industrial Court, Suite A  
Alpharetta, GA 30004

**12. Accessory Resources**

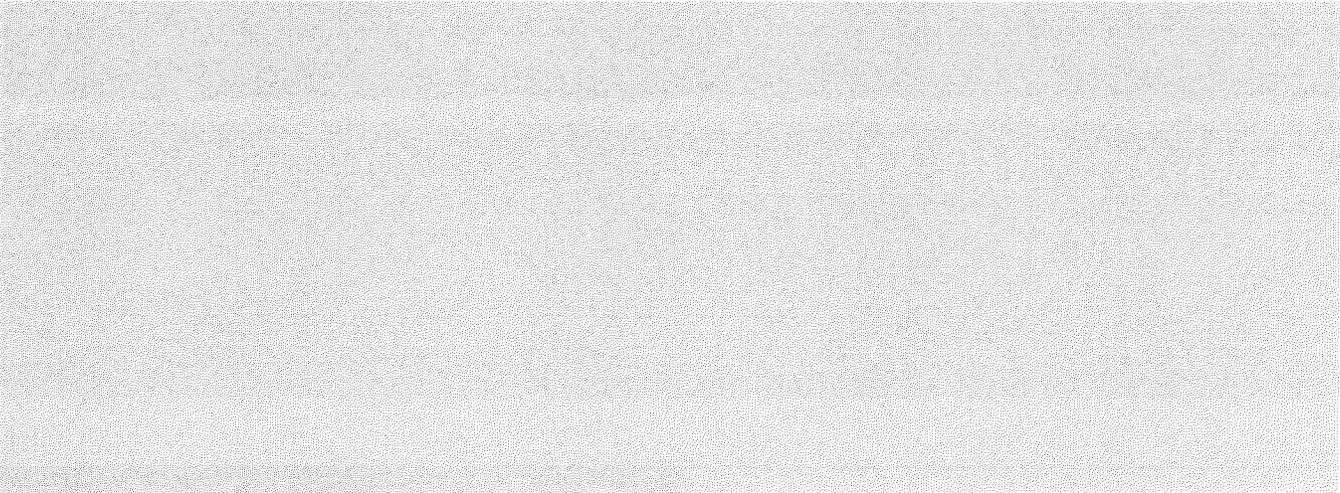
Complete only if Accessory Resources are present. Include as many extra entries as necessary.

**Accessory Property Type**

Building <input type="checkbox"/>	Structure <input type="checkbox"/>	Object <input type="checkbox"/>	Landscape (non-archaeological site) <input type="checkbox"/>
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**Accessory Resource Overview**

Accessory Resource Name			
Construction Date		Contributing?	Yes <input type="checkbox"/> No <input type="checkbox"/>
UTM (NAD 83, UTM Zone 11 North)	Easting:	Northing:	



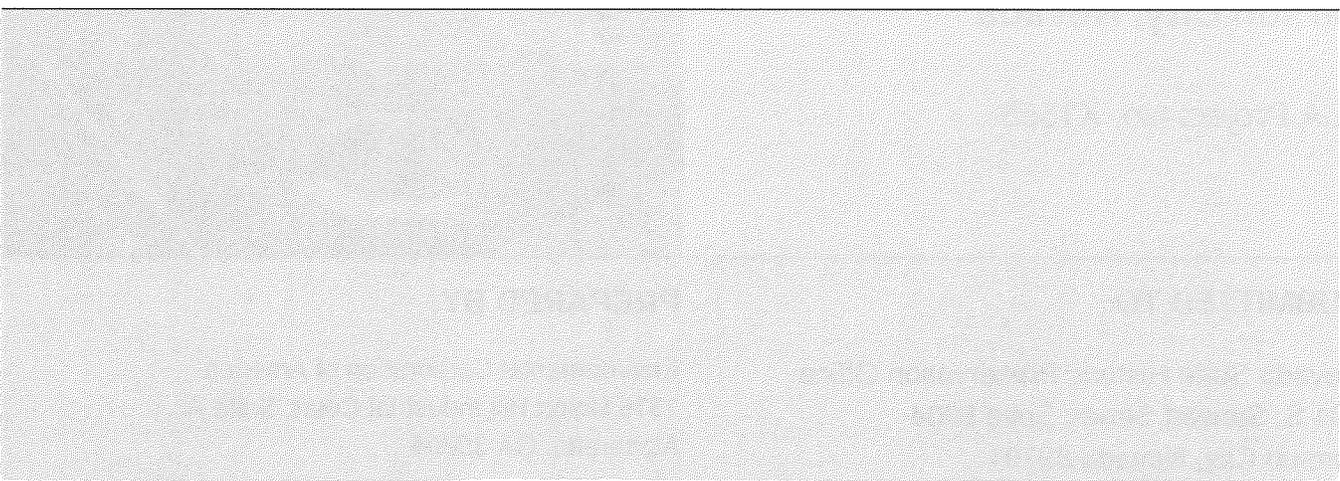
Elevation:                      Direction facing:                      Photographer:                      Date:

**Accessory Property Type**

Building <input type="checkbox"/>	Structure <input type="checkbox"/>	Object <input type="checkbox"/>	Landscape (non-archaeological site) <input type="checkbox"/>
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**Accessory Resource Overview**

Accessory Resource Name			
Construction Date		Contributing?	Yes <input type="checkbox"/> No <input type="checkbox"/>
UTM (NAD 83, UTM Zone 11 North)	Easting:	Northing:	



Elevation:                      Direction facing:                      Photographer:                      Date:



## ENVIRONMENTAL CORPORATION OF AMERICA

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September 24, 2021

Nevada State Historic Preservation Office  
901 S. Stewart Street, Suite 5004  
Carson City, Nevada 89701

**Attention: Ms. Rebecca L. Palmer – State Historic Preservation Officer**

**Subject: Section 106 Review  
TCNS ID # 238096  
Proposed Installation of Telecommunications Equipment  
On a 38-Foot Tall Existing Building  
Western Nevada College (FA# 15456809)  
2201 West College Parkway  
Carson City, Nevada  
ECA Project No. X1568**

Dear Ms. Palmer:

Environmental Corporation of America's (ECA) client, AT&T Mobility, LLC is proposing to install telecommunications equipment as described in the following FCC Form 621, Collocation (CO) Submission Packet. Complete Wireless Consulting, Inc., is proposing to install four (4) antennas (2 per sector, 2 sectors total) and associated equipment on an existing 38-foot building located at 2201 West College Parkway, Carson City, Independent City County, Nevada (Subject Building) at an approximate overall height of 43 feet above ground level. The Subject Building, also known as the Bristlecone Building, is located on Western Nevada College's campus. No new ground disturbance is proposed. Construction drawings for the proposed undertaking are included.

In accordance with the FCC's *Second Amendment to the Nationwide Programmatic Agreement (NPA) for the Collocation of Wireless Antennas*, amended July 20, 2020, the proposed collocation activities require Section 106 Review. Specifically, the Subject Building is over 45 years old, and the proposed undertaking exceeds the volumetric requirements. ECA was retained to complete the required Section 106 compliance review for the proposed undertaking.

ECA has identified and evaluated Historic Properties, if any, within the APE for visual and direct effects as directed in Section VI.D.1 and 2 of the Nationwide Programmatic Agreement, effective on March 7, 2005. We identified one Historic Property [*Raycraft Ranch* (NRHP No. 76002243)] listed in the National Register of Historic Properties (NRHP) within the ½-mile APE for visual effects but outside the APE for direct effects.

Based on our review of the Nevada Cultural Resource Information System (NVCRIS), we identified no Historic Properties that have been determined eligible for listing on the NRHP.

**Raycraft Ranch (NRHP No. 76002243)** is located on Highway 395, approximately 2,000 feet (610m) northeast of the proposed undertaking at its closest point. Based on ECA's viewshed assessment, the proposed undertaking would not be visible from the Historic Property, photograph locations 1A-1D. Therefore, it is ECA's opinion that the proposed undertaking would have no effect on *Raycraft Ranch* (NRHP No. 76002243).

The APE for direct effects is the physical impact area of the undertaking. Accordingly, the APE for direct effects for the proposed undertaking consists of the Subject Building (Bristlecone Building). According to historic aerial photographs and information obtained from Western Nevada College, the Subject Building was constructed in 1974. The building is a one-story, irregular plan, steel and concrete education building and is part of Western Nevada College. The building is largely composed of concrete panels sheltered beneath a metal paneled fascia and flat roof. Overall, it is a typical example of a mid-to-late twentieth century masonry vernacular education buildings. The Subject Building is not observed to embody the distinctive characteristics of a type, period, or method of construction, represent the work of a master, or embody high artistic values (Criterion C). No information was uncovered to suggest the property is associated with events that have made a significant contribution to broad patterns of our history (Criterion A), lives of persons significant in our past (Criterion B), or that it has yielded, or may be likely to yield information important in history or prehistory (Criterion D). As such, it is the opinion of ECA that the Subject Building is not eligible for listing on the NRHP due to lack of historic and architectural significance, and there are no historic properties in the APE for direct effects for the proposed undertaking.

It is ECA's professional opinion that no archaeological Phase I field survey is necessary at the Subject Building site. This conclusion was reached because no ground disturbance is proposed, and direct effects would be limited to the Subject Building where the antennas and associated equipment would be placed.

Based on our findings, we recommend no further consultation under Section 106 of the National Historic Preservation Act for the proposed undertaking. Further, based on this documentation, prepared in accordance with the Nationwide Programmatic Agreement effective March 7, 2005, ECA has concluded that this undertaking would have no effect on any Historic Properties identified in accordance with the NPA. Therefore, we recommend a finding of "No Effect" for the proposed undertaking.

Ms. Palmer  
Page 3

We are submitting this letter on behalf of AT&T Mobility, LLC to seek concurrence with this finding and to comply with Federal Communications Commission (FCC) requirements as identified in 47 CFR 1.1307. We request your concurrence with our finding. Please contact our office with any questions or comments.

Sincerely,  
**Environmental Corporation of America**

  
Elyse Hoganson, MHP  
Project Manager

  
Laurel Bartlett, PhD  
Principal Investigator

Notification Date:

File Number:

**General Information**

1) (Select only one) ( <b>NE</b> ) <b>NE</b> – New <b>UA</b> – Update of Application <b>WD</b> – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

**Applicant Information**

3) FCC Registration Number (FRN): <b>0004979233</b>
4) Name: <b>AT&amp;T Mobility, LLC</b>

**Contact Name**

5) First Name: <b>Colleen</b>	6) MI: <b>B</b>	7) Last Name: <b>Thompson</b>	8) Suffix:
9) Title:			

**Contact Information**

10) P.O. Box:	And /Or	11) Street Address: <b>1120 20th Street NW</b>	
12) City: <b>Washington</b>		13) State: <b>DC</b>	14) Zip Code: <b>20036</b>
15) Telephone Number: <b>(202)457-3020</b>		16) Fax Number:	
17) E-mail Address: <b>cm7512@att.com</b>			

**Consultant Information**

18) FCC Registration Number (FRN): <b>0019832559</b>
19) Name: <b>Environmental Corporation of America</b>

**Principal Investigator**

20) First Name: <b>Dina</b>	21) MI:	22) Last Name: <b>Bazzill</b>	23) Suffix:
24) Title: <b>MA, RPA - Principal Investigator</b>			

**Principal Investigator Contact Information**

25) P.O. Box:	And /Or	26) Street Address: <b>1375 Union Hill Industrial Court Suite A</b>	
27) City: <b>Alpharetta</b>		28) State: <b>GA</b>	29) Zip Code: <b>30004</b>
30) Telephone Number: <b>(770)667-2040</b>		31) Fax Number:	
32) E-mail Address: <b>dina.bazzill@eca-usa.com</b>			

**Professional Qualification**

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	( <input checked="" type="checkbox"/> ) <u>Yes</u> ( <input type="checkbox"/> ) <u>No</u>
34) Areas of Professional Qualification: ( <input checked="" type="checkbox"/> ) Archaeologist ( <input type="checkbox"/> ) Architectural Historian ( <input checked="" type="checkbox"/> ) Historian ( <input type="checkbox"/> ) Architect ( <input type="checkbox"/> ) Other (Specify) _____	

**Additional Staff**

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	( <input checked="" type="checkbox"/> ) <u>Yes</u> ( <input type="checkbox"/> ) <u>No</u>
--	---

If "YES," complete the following:

36) First Name: <b>Laurel</b>	37) MI:	38) Last Name: <b>Bartlett</b>	39) Suffix:
40) Title: <b>PhD - Principal Investigator</b>			
41) Areas of Professional Qualification: ( <input type="checkbox"/> ) Archaeologist ( <input checked="" type="checkbox"/> ) Architectural Historian ( <input checked="" type="checkbox"/> ) Historian ( <input type="checkbox"/> ) Architect ( <input type="checkbox"/> ) Other (Specify) _____			

36) First Name: <b>Annamarie</b>	37) MI:	38) Last Name: <b>Howell</b>	39) Suffix:
40) Title: <b>MA - Senior Historian</b>			
41) Areas of Professional Qualification: ( <input type="checkbox"/> ) Archaeologist ( <input type="checkbox"/> ) Architectural Historian ( <input checked="" type="checkbox"/> ) Historian ( <input type="checkbox"/> ) Architect ( <input type="checkbox"/> ) Other (Specify) _____			

36) First Name: <b>Elyse</b>	37) MI:	38) Last Name: <b>Hoganson</b>	39) Suffix:
40) Title: <b>MHP - Project Architectural Historian</b>			
41) Areas of Professional Qualification: <input type="checkbox"/> Archaeologist <input checked="" type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____			

## Site Information

### Tower Construction Notification System

1) TCNS Notification Number: 238096

### Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: ( ) Yes (  ) No

3) Site Name: **Western Nevada College (FA# 15456809)**

4) Site Address: **2201 West College Parkway**

5) Detailed Description of Project:

6) City: **Carson City**

7) State: **NV**

8) Zip Code: **89703**

9) County/Borough/Parish: **CARSON CITY**

10) Nearest Crossroads: **College Drive, West College Pkwy**

11) NAD 83 Latitude (DD-MM-SS.S): **39-11-08.5** (  ) N or ( ) S

12) NAD 83 Longitude (DD-MM-SS.S): **119-47-27.7** ( ) E or (  ) W

### Collocation Information

13) Antennas will be located on (Select One):

( ) Communications Tower (Select One): ( ) Guyed Lattice Tower ( ) Self-supporting Lattice ( ) Monopole  
( ) Other (Describe): \_\_\_\_\_

(  ) Non-Tower Structure (Describe Structure): **Building with Antenna on top**

14) Tower height above ground level (including top-mounted attachments such as lightning rods): 13.1 ( ) Feet (  ) Meters

15) Description of Antennas to be collocated (e.g. number, type, shape, dimensions, color):

**install four (4) antennas (2 per sector, 2 sectors total) and associated equipment on an existing 38-foot building**

16) Will the Antennas be placed at multiple levels on the structure?

( ) Yes (  ) No

If "Yes", describe placement:

If "No", specify the height of collocation above ground: 43.0 (  ) Feet ( ) Meters

17) Structure Completion Year: 1974 (YYYY)

( ) Check here if your year provided is approximate.

<p>18) Has the Communications Tower or Non-Tower Structure been the subject of SHPO/THPO review?</p> <p>If "Yes", specify the following:</p> <p>Company that made the submission: _____</p> <p>Date submitted: _____ SHPO/THPO Reference Number: _____</p>	<p>( ) <u>Yes</u> ( <b>X</b> ) <u>No</u></p>
<p>19) Is the Communications Tower or Non-Tower Structure eligible for listing on the National Register?</p>	<p>( ) <u>Yes</u> ( <b>X</b> ) <u>No</u></p>

**Collocation Status**

<p>20) Current Collocation Status (Select One):</p> <p>( <b>X</b> ) Construction and/or installation has not yet commenced</p> <p>( ) Construction and/or installation has commenced, but is not completed</p> <p>Construction and/or installation commenced on: _____</p> <p>( ) Construction has been completed</p> <p>Construction and/or installation commenced on: _____ Construction and/or installation completed on: _____</p>
--

**Determination of Effect**

<p>21) Direct Effects (Select One):</p> <p>( <b>X</b> ) No Historic Properties in Area of Potential Effects (APE)</p> <p>( ) No Effect on Historic Properties in APE</p> <p>( ) No Adverse Effect on Historic Properties in APE</p> <p>( ) Adverse Effect on one or more Historic Properties in APE</p>
<p>22) Visual Effects (Select One):</p> <p>( ) No Historic Properties in Area of Potential Effects (APE)</p> <p>( <b>X</b> ) No Effect on Historic Properties in APE</p> <p>( ) No Adverse Effect on Historic Properties in APE</p> <p>( ) Adverse Effect on one or more Historic Properties in APE</p>

**Tribal/NHO Involvement**

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	( <input checked="" type="checkbox"/> ) Yes (    ) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>238096</u>	Number of Tribes/NHOs: <u>6</u>
2b) Tribes/NHOs contacted through an alternate system:	Number of Tribes/NHOs: <u>0</u>

**Tribal/NHO Contacted Through TCNS**

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Eastern Shoshone Tribe</b>

**Contact Name**

5) First Name: <b>Josh</b>	6) MI:	7) Last Name: <b>Mann</b>	8) Suffix:
9) Title: <b>THPO</b>			

**Dates & Response**

10) Date Contacted <u>09/22/2021</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
(    ) Replied/No Interest	
(    ) Replied/Have Interest	
(    ) Replied/Other	

**Tribal/NHO Contacted Through TCNS**

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Kaibab Band of Paiute Indians</b>

**Contact Name**

5) First Name: <b>Daniel</b>	6) MI:	7) Last Name: <b>Bulletts</b>	8) Suffix:
9) Title: <b>Environmental Program Director</b>			

**Dates & Response**

10) Date Contacted <u>09/23/2021</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
(    ) Replied/No Interest	
(    ) Replied/Have Interest	
(    ) Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>238096</u> Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system:      Number of Tribes/NHOs: <u>0</u>	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Northwestern Band of Shoshone Nation</b>

#### Contact Name

5) First Name: <b>Montana &amp; Associates</b>	6) MI:	7) Last Name: <b>LLC</b>	8) Suffix:
9) Title: <b>Attorney</b>			

#### Dates & Response

10) Date Contacted <u>09/22/2021</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
(    ) Replied/No Interest	
(    ) Replied/Have Interest	
(    ) Replied/Other	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Reno-Sparks Indian Colony</b>

#### Contact Name

5) First Name: <b>Michon</b>	6) MI: <b>R</b>	7) Last Name: <b>Eben</b>	8) Suffix:
9) Title: <b>THPO</b>			

#### Dates & Response

10) Date Contacted <u>09/23/2021</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
(    ) Replied/No Interest	
(    ) Replied/Have Interest	
(    ) Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	( <input checked="" type="checkbox"/> ) Yes ( <input type="checkbox"/> ) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>238096</u>	Number of Tribes/NHOs: <u>6</u>
2b) Tribes/NHOs contacted through an alternate system:	Number of Tribes/NHOs: <u>0</u>

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Skull Valley Band Goshute</b>

#### Contact Name

5) First Name: <b>Candace</b>	6) MI:	7) Last Name: <b>Bear</b>	8) Suffix:
9) Title: <b>Chairman</b>			

#### Dates & Response

10) Date Contacted <u>09/23/2021</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
( <input type="checkbox"/> ) Replied/No Interest	
( <input type="checkbox"/> ) Replied/Have Interest	
( <input type="checkbox"/> ) Replied/Other	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Washoe Tribe of Nevada &amp; California</b>

#### Contact Name

5) First Name: <b>Darrel</b>	6) MI:	7) Last Name: <b>Cruz</b>	8) Suffix:
9) Title: <b>THPO</b>			

#### Dates & Response

10) Date Contacted <u>09/22/2021</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
( <input type="checkbox"/> ) Replied/No Interest	
( <input type="checkbox"/> ) Replied/Have Interest	
( <input type="checkbox"/> ) Replied/Other	

### Other Tribes/NHOs Contacted

#### Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

#### Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

#### Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:	
15) E-mail Address:			
16) Preferred means of communication:			
<input type="checkbox"/> E-mail			
<input type="checkbox"/> Letter			
<input type="checkbox"/> Both			

#### Dates & Response

17) Date Contacted _____	18) Date Replied _____
<input type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

## Historic Properties

### Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>

### Historic Property

4) Property Name: <b>Raycraft Ranch</b>
5) SHPO Site Number:

### Property Address

6) Street Address: <b>Hwy 395</b>		
7) City: <b>Carson City</b>	8) State: <b>NV</b>	9) Zip Code: <b>89703</b>
10) County/Borough/Parish: <b>CARSON CITY</b>		

### Status & Eligibility

11) Is this property listed on the National Register?  Source: <u>NRHP: 76002243</u>	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
12) Is this property eligible for listing on the National Register?  Source: <u>NRHP: 76002243</u>	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
13) Is this property a National Historic Landmark?	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>

14) Direct Effects (Select One): <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

## Local Government Involvement

### Local Government Agency

1) FCC Registration Number (FRN):

2) Name: **Carson City Historic Resources Commission**

### Contact Name

3) First Name: **Carson City Historic**

4) MI:

5) Last Name: **Resources Commission**

6) Suffix:

7) Title:

### Contact Information

8) P.O. Box:

And  
/Or

9) Street Address: **201 N. Carson Street**

10) City: **Carson City**

11) State: **NV**

12) Zip Code: **89701**

13) Telephone Number: **(775)887-2180**

14) Fax Number:

15) E-mail Address: **planning@carson.org**

16) Preferred means of communication:

(  ) E-mail

(  ) Letter

(  ) Both

### Dates & Response

17) Date Contacted **09/24/2021**

18) Date Replied \_\_\_\_\_

(  ) No Reply

(  ) Replied/No Interest

(  ) Replied/Have Interest

(  ) Replied/Other

### Additional Information

19) Information on local government's role or interest (optional):

### Other Consulting Parties

#### Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	( ) Yes ( X ) No
--	------------------

#### Consulting Party

2) FCC Registration Number (FRN):
3) Name:

#### Contact Name

4) First Name:	5) MI:	6) Last Name:	7) Suffix:
8) Title:			

#### Contact Information

9) P.O. Box:	And /Or	10) Street Address:		
11) City:		12) State:	13) Zip Code:	
14) Telephone Number:		15) Fax Number:		
16) E-mail Address:				
17) Preferred means of communication:				
( ) E-mail				
( ) Letter				
( ) Both				

#### Dates & Response

18) Date Contacted _____	19) Date Replied _____
( ) No Reply	
( ) Replied/No Interest	
( ) Replied/Have Interest	
( ) Replied/Other	

#### Additional Information

20) Information on other consulting parties' role or interest (optional):
---

### Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower/collocation.

#### SHPO/THPO

Name: <u>Nevada Historic Preservation Office</u>
--

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency

SHPO/THPO Name: _____
SHPO/THPO Name: _____
SHPO/THPO Name: _____

### Certification

I certify that all representations on this FCC Form 621 Submission Packet and the accompanying attachments are true, correct, and complete.			
<b>Party Authorized to Sign</b>			
First Name: <u>Laurel</u>	MI: <u>L</u>	Last Name: <u>Bartlett</u>	Suffix:
Signature: 			Date: <u>9/24/2021</u>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
<b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>			

**RESUMES / CURRICULUM VITAE**

**(Consultant Qualifications)**



## Dina M. Bazzill, MA, RPA

Principal Archaeologist/Historian  
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004  
(770) 667-2040 Ext. 111  
dina.bazzill@eca-usa.com

### EDUCATION

**East Carolina University** Greenville, NC  
M.A., Maritime Studies  
Graduated: May 2007

**Southwest Missouri State University** Springfield, MO  
B.A., Anthropology, minor in Antiquities  
Graduated: May 2004, Magna Cum Laude

### PROFESSIONAL CERTIFICATIONS

**Secretary of the Interior's 36CFR61 Professional Qualification Standards** for Archaeology and History since 2007  
**Register of Professional Archaeologist** since 2007  
**Section 106** Training Certification from SRI Foundation, 2009  
**Advanced Section 106** Training Certification from the Advisory Council on Historic Preservation, 2009  
**NEPA Compliance and Cultural Resources** Training Certification from the National Preservation Institute, 2009  
**Section 4 (f) Compliance for Historic Properties** Training Certification from the National Preservation Institute, 2009  
**Identification and Management of Traditional Cultural Properties** Training Certification from the National Preservation Institute, 2009  
**Tribal Consultation** Training Certification from the SRI Foundation, 2010

### RELATED EMPLOYMENT

June 2007 - Present **Environmental Corporation of America** Alpharetta, GA  
**Position:** Principal Investigator  
**Responsibilities:**

- Archaeological and historical research.
- Conducting archaeological and historical site assessments for Section 106 compliance.
- Authoring Section 106/archaeological assessment/phase one environmental impact reports for submission to clients, SHPO offices, tribes, consulting parties, and other state agencies.

### REPRESENTATIVE EXPERIENCE

June 2007 - Present **Section 106 Cell Tower Evaluations** USA  
Dina M. Bazzill, Principal Archaeologist/Historian  
**Goals:** The scope of work for these projects has included archaeological and historic standing structures site assessments for the Section 106 review process in forty different states.

May/June 2011 **Chicago and North Western Railway Bridge Replacement: Phase I Underwater Archaeological Survey** Oshkosh, WI  
Dina M. Bazzill, Principal Archaeologist/Historian  
**Goals:** The scope of work for this project included a Phase I side-scan sonar survey for the replacement of the Chicago and North Western Railway Line over the Fox River in Oshkosh, Winnebago County, Wisconsin. The side-scan sonar survey was performed by Jerry Guyer of Pirate's Cove Diving Inc. Dina M. Bazzill performed the necessary research, analyzed the side-scan sonar data, and prepared a report in conformance with Wisconsin Historical Society Guidelines.

April/May 2010

**Snowbird Youth Center Phase I**

Robbinsville, NC

Dina M. Bazzill, Field Director and John P. McCarthy, Principal Investigator

**Goals:** The scope of work for this project included a survey for a proposed Eastern Band of Cherokee Indians Youth Center located on Forest Service land in Robbinsville, North Carolina. High probability landforms were tested as per Forest Service archaeological testing guidelines. Shovel tests were excavated at 65-foot intervals, where appropriate. Key staff members included Dina M. Bazzill, Field Director and John P. McCarthy, Principal Director. Dina M. Bazzill authored the report, with the assistance of John P. McCarthy.

April/May 2010

**CabeJail Phase I - EBCI Reservation**

Cherokee, NC

Dina M. Bazzill, Project Archaeologist and John P. McCarthy, Principal Investigator

**Goals:** The scope of work for this project included a survey for a proposed jail located on the Eastern Band of Cherokee Indians reservation in Cherokee, North Carolina. The entire proposed property was systematically surveyed utilizing guidelines provided by the EBCI THPO office. Shovel tests were excavated at 65-foot intervals, where appropriate. Key staff members included Dina M. Bazzill, Project Archaeologist and John P. McCarthy, Principal Director. John P. McCarthy authored the report, with the assistance of Dina M. Bazzill.

October /November 2009

**Old #4 Sewer Line Replacement - EBCI Indian Reservation**

Cherokee, NC

Dina M. Bazzill, Field Director and John P. McCarthy, Principal Investigator

**Goals:** The scope of work for this project included a systematic survey for a proposed sewer line replacement located on the Eastern Band of Cherokee Indian Reservation in Cherokee, North Carolina. A pedestrian survey was conducted, and shovel tests were conducted as per EBCI THPO office guidelines. This entailed excavating shovel tests at 65-foot intervals, where appropriate. Crew members included Dina M. Bazzill, Field Director, who supervised Mary E. Seagrave, field technician, Dave McGlothlin, field technician, and Landon Abernethy, field technician. John P. McCarthy oversaw the fieldwork and the report preparations, with assistance from Dina M. Bazzill.

July 2009

**Phase II Archaeological Site Delineation**

Lewis Creek, IN

Dina M. Bazzill, Principal Investigator

**Goals:** The scope of work for this project included delineating a circa 1840 pioneer homestead located in Lewis Creek, Indiana in order to determine National Register of Historic Places eligibility. Dina M. Bazzill served as Principal Investigator and supervised Mary E. Seagrave, Project Archaeologist. Artifacts recovered from the field work were analyzed and photographed by Dina M. Bazzill. A Section 106 Review was prepared by Dina M. Bazzill and submitted to the Indiana State Historic Preservation Office for their review and comment.

April/May 2008

**City of Norcross - Proposed Greenspace Park**

Norcross, GA

Dina M. Bazzill, Field Director and Principal Investigator

**Goals:** The scope of work for this project includes a Phase I survey of a seven acre tract of land in the City of Norcross, Georgia. ECA evaluated archaeological and historic resources present within the survey area and advise the City of Norcross on how best to preserve these resources and utilize them for educational purposes. In addition, a comprehensive user friendly report was produced.

November 2007

**Deep Testing for Archaeological Deposits**

Nashville, TN

Artis West, Principal Investigator

**Goals:** The scope of work for this project included placing 10-foot deep two trenches with the proposed APE for direct effects for a proposed cell tower located adjacent to the Harpeth River in Nashville, Tennessee. Backfill soil was selectively sampled and negative findings were recorded. A report summarizing the findings was prepared and accepted by the Tennessee Historical Commission, Division of Archaeology.



## Laurel L. Bartlett, Ph.D.

Principal Architectural Historian  
1375 Union Hill Industrial Court, Alpharetta, GA 30004  
(770) 667-2040  
Laurel.Bartlett@eca-usa.com

### EDUCATION

#### **Clemson University**

PhD, Planning, Design, and the Built Environment  
Concentration: Historic Preservation

Clemson, SC

#### **Clemson University/College of Charleston**

Master of Science, Historic Preservation

Charleston, SC

#### **Geneseo State University**

Bachelor of Arts, Political Science

Geneseo, NY

### PROFESSIONAL CERTIFICATION

Secretary of the Interior's (SOI) Professional Qualifications Standards and Guidelines (Code of Federal Regulations, 36 CFR Part 61) for History and Architectural History.

**Clemson University:** Certification in GIS for Engineering and the Environment, 2017

**National Preservation Institute (NPI):** Section 106-An Introduction, 2015

**National Park Service (NPS):** Introduction to GIS, 2012

**FEMA Emergency Management Institute:** Professional Development Series, 2005

### PROFESSIONAL EXPERIENCE

August 2020 – Present

**Environmental Corporation of America**

**Alpharetta, GA**

**Position:** Principal Architectural Historian

#### **Responsibilities:**

- Complete regulatory compliance reviews under Section 106 of the National Historic Preservation Act (NHPA) and the National Environmental Policy Act (NEPA) for telecommunications projects.
- Provide recommendations on the implementation of environmental and historic preservation regulations for federally funded or permitted undertakings.
- Consult with State Historic Preservation Offices (SHPO) on projects related to Section 106 compliance and project concurrence.
- Produce historic contexts, statements of significance, and historic structure surveys.
- Review engineering plans and architectural drawings for potential effects to historic properties.
- Provide recommendations on the mitigation of effects to historic properties.
- Complete National Register of Historic Places (NRHP) Nominations and Architectural/Historic Resource Surveys.
- Conduct historical research / documentation including field and archival research.
- Expertise in the application of National Register of Historic Places (NRHP) criteria for evaluation
- Special expertise in Mid-Atlantic and Southeastern United States architecture; historic materials; and conservation practices.
- Expertise in ArcGIS, Survey123, and ESRI Collector for digital documentation, analysis, and data management

January 2014- August 2016;      **Southeastern Archaeological Research (SEARCH), Inc.**      **Gainesville, FL**  
May 2018-August 2020

**Position:** Architectural Historian

**Responsibilities:**

- Conducted cultural resource management for long-term general service contracts with the Federal Government, Florida DOT, and private contractors including projects involving Section 106 compliance and 4(f) review.
- Completed over 200 cultural resource assessment surveys and historic structures assessments to include analysis of historic significance, conditions, and integrity.
- Lead team of architectural historians, often as a Principle Investigator, on documentation projects and project execution, from preliminary research, to field work, to completion of project deliverables.
- Trained new architectural historians on research methods, project divisions, and historical assessments.
- Reviewed reports for completeness and accuracy.
- Determined direct and indirect areas of potential effect (APEs), HABS/HAER documentation, and NRHP determinations of eligibility.
- Managed project completion and budgeting of projects, authored RFPs, and negotiated budgets and hourly project rates with private clients and agency representatives from Florida DOT districts.
- Consulted with State Historic Preservation Offices (SHPO) on projects related to Section 106 compliance, project concurrence, and MOAs for mitigation and served as project liaison to Florida Certified Local Governments (CLG).
- Developed recommendations for alternative approaches to mitigate impacts to historic structures.
- Reviewed engineering plans and architectural drawings for potential effects to historic properties.
- Developed technical guides for architectural history documentation and surveys using up-to date application of preservation methods

August 2018-Present      **Clemson University**      **Charleston, SC**

**Position:** Lecturer, Graduate Program in Historic Preservation

**Responsibilities:**

- Teaching and course development, including grading of coursework and exams and serving as committee member for graduate student theses. Developed ArcGIS for historic preservation training materials and courses, including technical guides. Courses taught include:
  - HP 8080/HPSV 808: History and Theory of Historic Preservation
  - HP 8260/HSPV 826: Historic Structures Report
  - HP 8070/HSPV 807: American Architecture
  - Introduction to ArcGIS sessions for HP 8920/HSPV 892: Digital Tools for Historic Preservation

August 2016-July 2018      **Clemson University**      **Charleston, SC**

**Position:** Graduate Teaching Assistant

**Responsibilities:**

- Taught graduate-level coursework and developed workshops related to the Section 106 implementation process, compliance, development of MOAs, architectural field surveys, and mitigating adverse effects to historic resources.
- Developed and lead sectional courses related to applications of ArcMap and GIS fundamentals, including data acquisition, resource digitization, and map making for use in cultural resource management. The courses enabled the use of multiple applications including Survey123 and ESRI Collector for completing architectural surveys and building conditions assessments.
- Managed the architectural documentation of the Blythe-Goodwin-Hagood House, Travelers' Rest, SC.
- Assisted with data acquisition and qualitative coding as part of a team studying the financial impacts of conservation easements under a \$500,000 National Endowment for the Humanities grant.

**PROFESSIONAL AFFILIATIONS**

**National Trust for Historic Preservation**

**Southeast Chapter of the Society of Architectural Historians**

**Vernacular Architecture Forum**



## Annamarie Howe

Senior Historian/Client Manager  
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004  
annamarie.howell@eca-usa.co...  
(770)-667-2040

### STRENGTHS AND SKILLS

Secretary of the Interior qualified Historian and telecommunications compliance professional with four years of specific telecommunications industry experience; four years as Project Manager; three years as Client Manager

### EDUCATION

#### Georgia Southern University

Statesboro, GA

- Bachelor of Arts in History, Art History Minor, May 2015
- Master of Arts in History, May 2017

### PROFESSIONAL CERTIFICATIONS

- Professional Certificate in Public History, May 2017
- Basics of NEPA and Section 106 Integration, ACHP 2019
- Coordinating NEPA and Section 106, ACHP 2019
- Successfully Navigating Section 106 Review, ACHP 2019
- Early Coordination with Indian Tribes for Infrastructure Projects, ACHP 2019
- Secretary of the Interior's 36CFR61 Professional Qualification Standards for History

### PROFESSIONAL EXPERIENCE

June 2017 – Present

#### Environmental Corporation of America

Alpharetta, GA

**Position:** Senior Historian/Project Manager/Client Manager

**Responsibilities:**

- Archaeological and historical research
- Conducting historical site assessments for Section 106 compliance
- Authoring Section 106/Archaeological Assessment/Phase I Environmental Assessment reports for submission to clients, SHPO offices, tribes, consulting parties, and other state agencies
- Authoring Fish and Wildlife species impact reports
- Consultation with National Park Service, Tribal Historic Preservation Offices, State Historic Preservation Office and local government entities
- Management and completion of NEPA Environmental Checklists/Documentation

August 2015 – May 2017

#### Georgia Southern University Center for Art and Theatre

Statesboro, GA

**Position:** Collections Manager

**Responsibilities:**

- Organized and maintained the university's seven permanent art collections
- Curated all permanent art collection exhibitions
- Managed donation records and incoming/outgoing loans

**Curation/Design Experience:**

- "Common Clay: The History of Folk Pottery in North Carolina, South Carolina, and Georgia" (2017) Center for Art and Theatre, Statesboro, GA
- Folk Art exhibit "Celebrating African American Artists" (2016) Center for Art and Theatre, Statesboro, GA
- Folk Art exhibit "Where Liberty Dwells" (2016) Center for Art and Theatre, Statesboro, GA
- Co-designed history exhibit for the Convention and Visitor's Bureau of Statesboro, GA (2016)
- Co-Curated "Georgia Artists" (2015) Center for Art and Theatre, Statesboro, GA

August 2013-December 2013

**Coastal Georgia Botanical Gardens**

**Savannah, GA**

**Position:** Student Intern

**Responsibilities:**

- Researched the garden's history to create an educational lecture/program
- Corresponded with National Archives for research materials
- Archived historic documents and artifacts



**Elyse Hoganson, MHP**

Project Manager - Architectural Historian

1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004

(70) 667 -2040

elyse.hoganson@eca-usa.com

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## **EDUCATION**

**University of Georgia**

MHP, Historic Preservation, 2020

**Athens, GA**

**Georgia College & State University**

B.A., Art History and Public History, 2017

**Milledgeville, GA**

## **REPRESENTATIVE EXPERIENCE**

July 2020 – Present

**Environmental Corporation of America**

**Alpharetta, GA**

**Position:** Project Manager – Architectural Historian

**Responsibilities:**

- Historical and archaeological research
- Authoring Section 106 Reviews and archaeological assessments and submitting to SHPO offices, tribes, consulting parties, and other state agencies
- Producing NEPA reports
- Creation of architectural history reports including National Register Nominations, permanent archival records, survey and inventory forms, and cultural resource reports
- Performing fieldwork that consists of photography of historic resources and local property research
- Project management

July 2019 – July 2020

**FindIt**

**Athens, GA**

**Center for Community Design and Preservation, College of Environment + Design, UGA**

**Position:** Architectural Surveyor

**Responsibilities:**

- Architectural survey of residential and commercial resources
- Input of data to state database, GNAHRGIS
- Survey Report creation

August 2018 – July 2020

**Garbutt Construction Company**

**Dublin, GA**

**Position:** Marketing Assistant

**Responsibilities:**

- Manager of CEO, Charlie Garbutt's social media pages
- Assisted in developing project proposals utilizing Adobe InDesign and Photoshop, website maintenance, and project record organization

## **HISTORIC PROPERTIES**

### **(Lead SHPO Map / Record Review)**

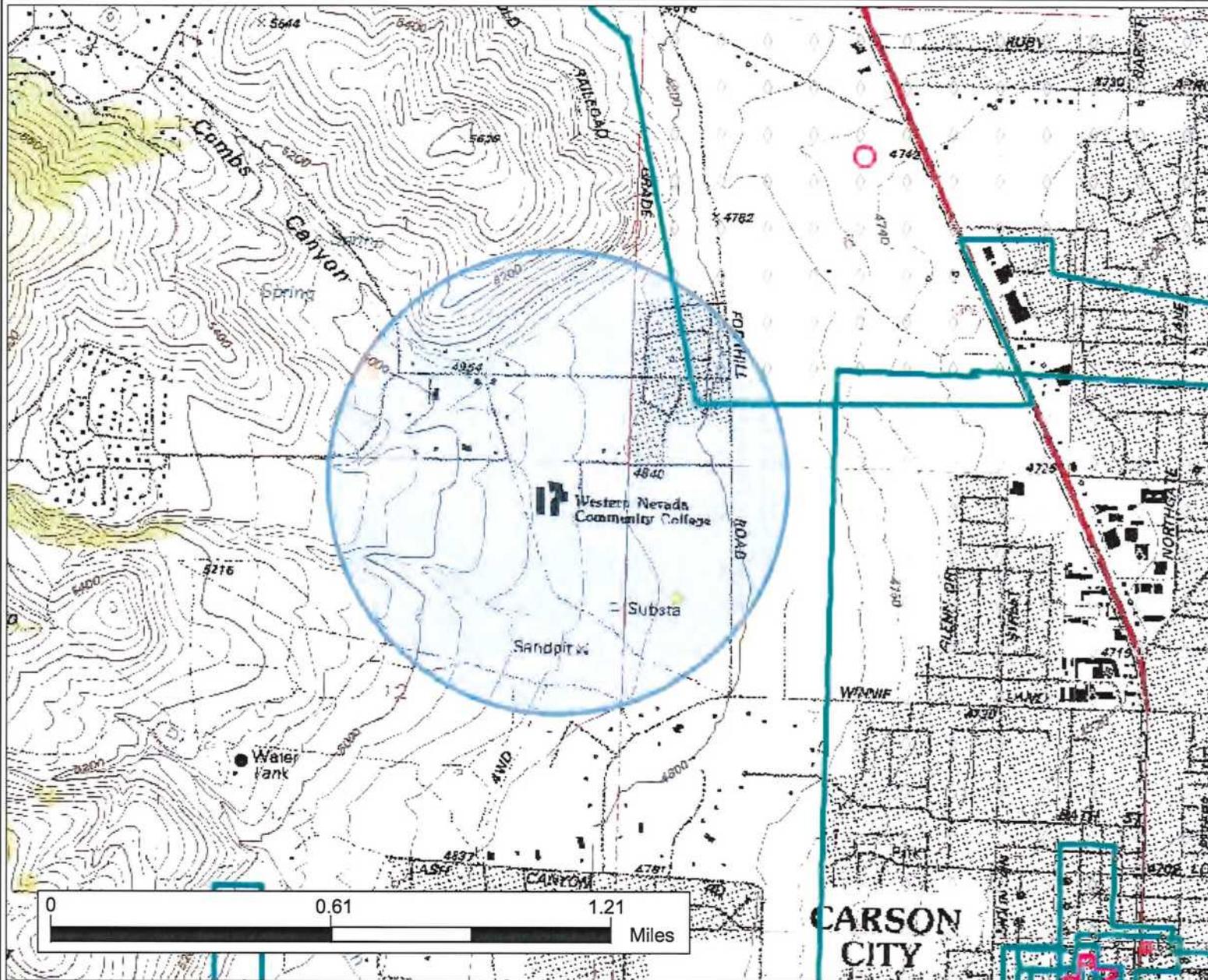
Historic Properties identified in the alternative APE for visual effects are listed in the National Register, have been formally determined eligible by the Keeper of the National Register, or have been evaluated and found to meet NRHP criteria for listing by the SHPO/THPO and are identified as such in the SHPO/THPO inventory.

If any Historic Properties were identified within the APE for visual effects or direct effects for the proposed undertaking, please *see* Historic Properties pages within the FCC Form 621.



NEVADA  
STATE HISTORIC  
PRESERVATION OFFICE

# Nevada Cultural Resource Information System



## Legend

- In Process Resources
- In Process Inventory
- National and State Register F
- Urban Architectural Resource
- Urban Architectural Inventory
- Rural Architectural Inventory
- Nevada Counties
- NV County Boundaries
- NV State Boundary Mask 50'
- TOPO\_24K
- 0

This map and the data within are considered sensitive information and are FOR OFFICIAL USE ONLY (FOUO) which means that, in whole or part, are not to be released to the public or unauthorized persons under any circumstances. Authority to distribute this information is limited to the NV State Historic Preservation Office (SHPO). NV SHPO makes no warranties or guarantees, either expressed or implied as to the completeness, accuracy, or correctness of the data portrayed in this product nor accepts any liability, arising from any incorrect, incomplete, or misleading information contained therein. All information, data, and databases are provided "as is" with no warranty, expressed or implied, including but not limited to, fitness for a particular purpose.



This map is in NAD 83, UTM zone 11N

## **FIGURES**

**(Photographs, Relevant Maps, Aerial Imagery and/or Site Vicinity Plan)**



Source: 2020 Google Earth Aerial Photograph



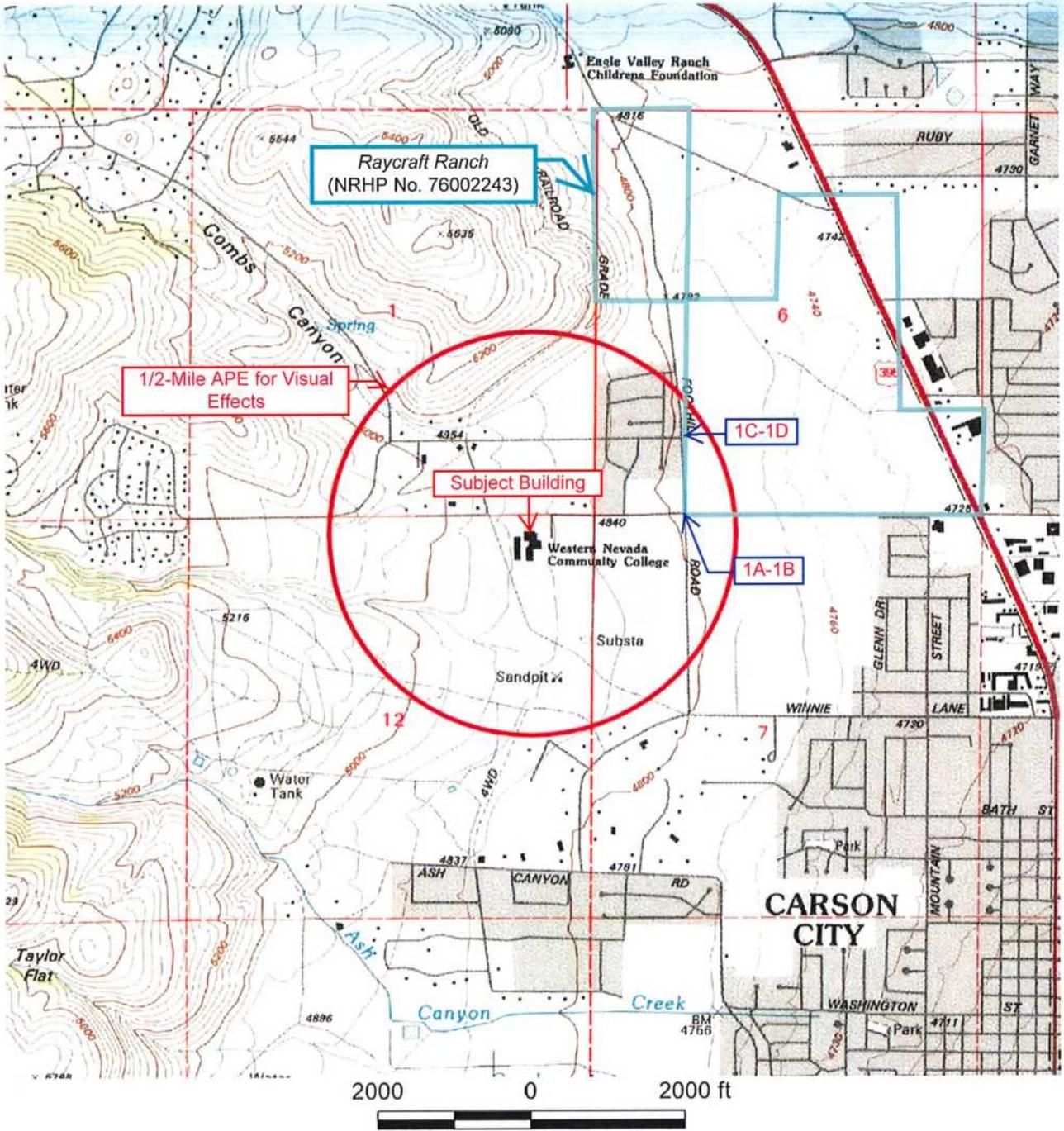
Western Nevada College (FA# 15456809)

2201 West College Parkway  
Carson City, Nevada

2020 Google Earth Aerial Photograph



ECA Proj. # X1568



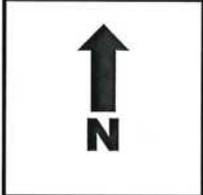
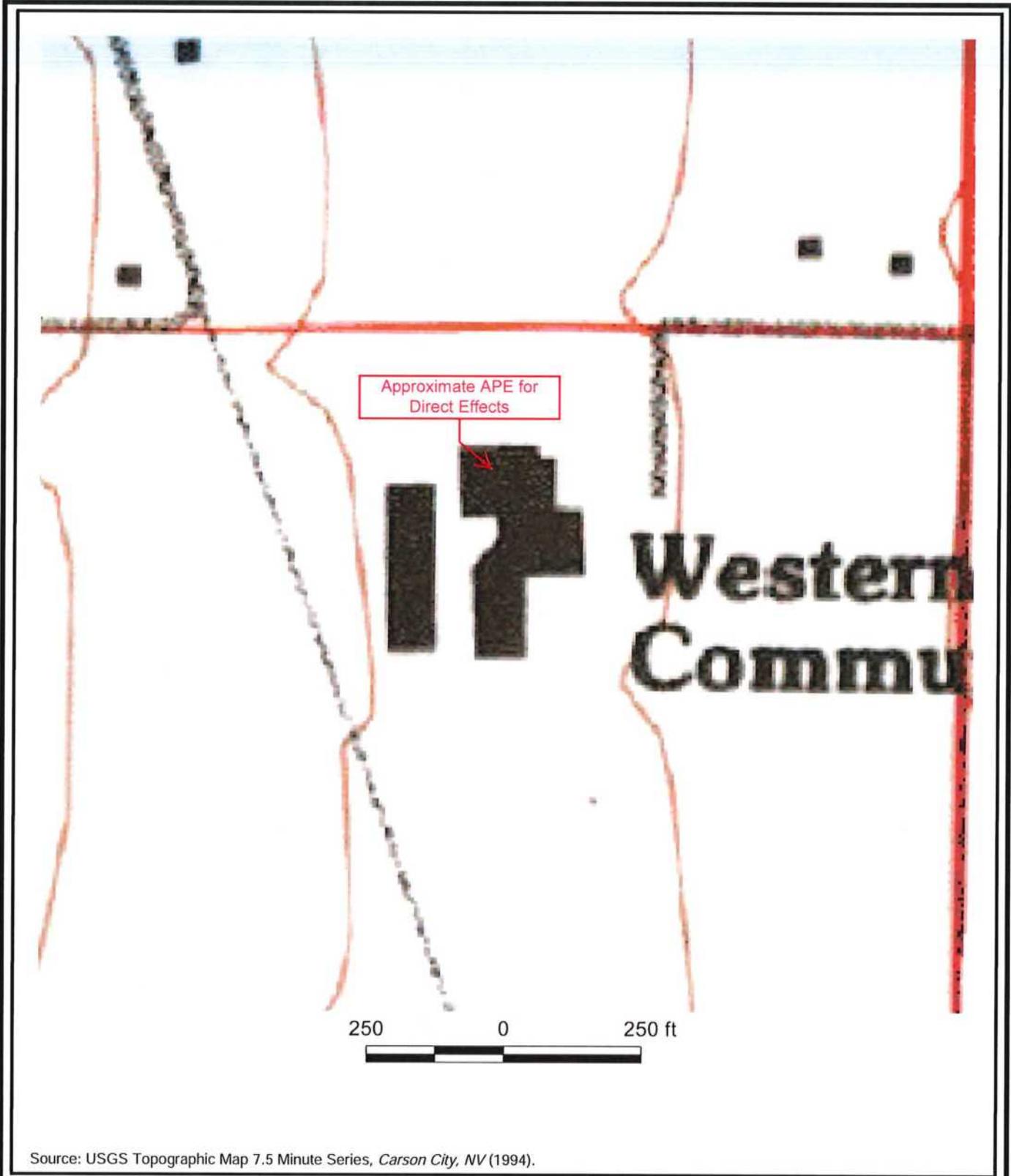
Source: USGS Topographic Map 7.5 Minute Series, Carson City, NV (1994).



Western Nevada College (FA# 15456809)  
 2201 West College Parkway  
 Carson City, Nevada  
 APE for Visual Effects

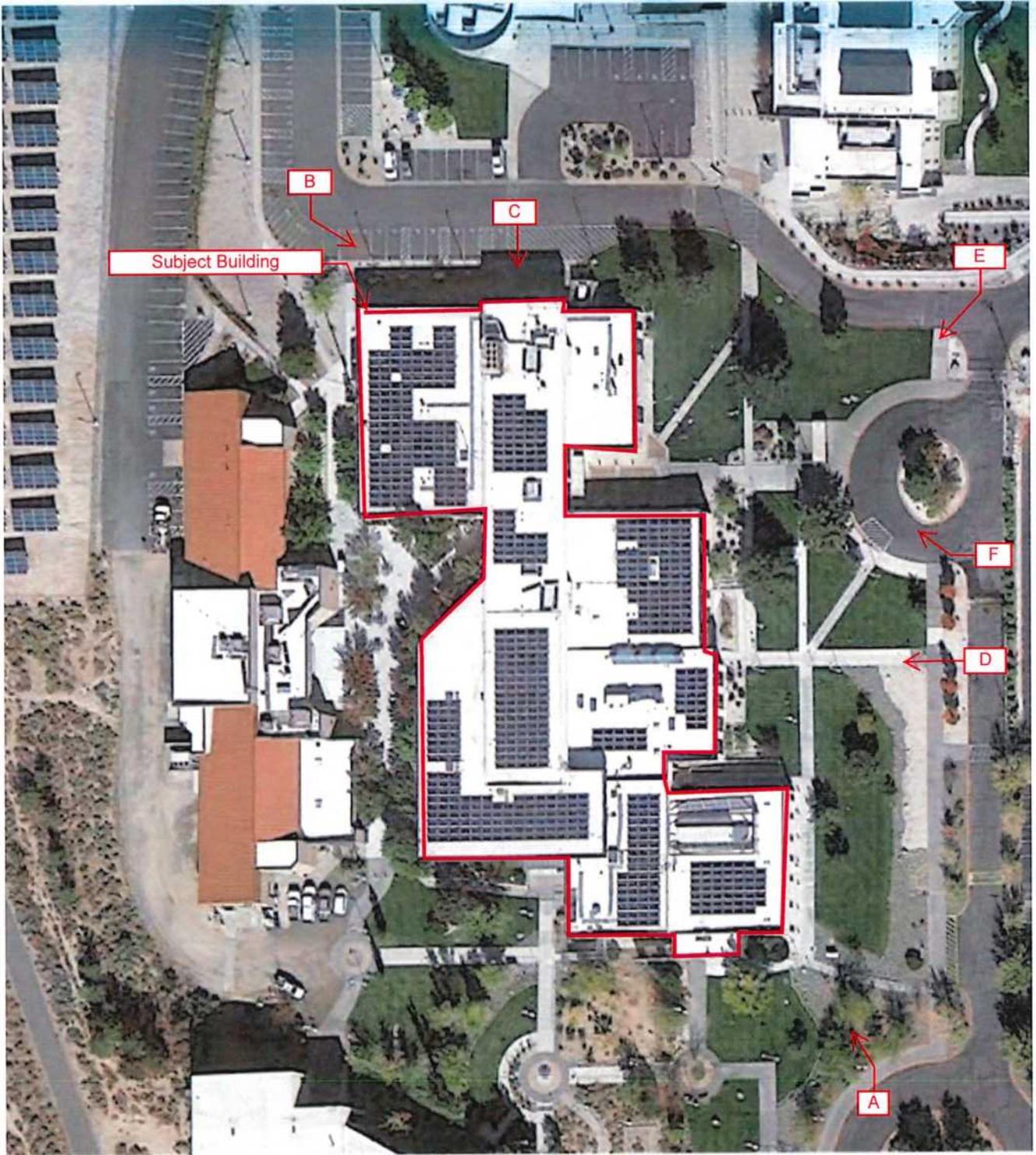


ECA Proj. # X1568



Western Nevada College (FA# 15456809)  
2201 West College Parkway  
Carson City, Nevada  
APE for Direct Effects





Source: 2020 Google Earth Aerial Photograph



Western Nevada College (FA# 15456809)

2201 West College Parkway  
Carson City, Nevada

Site Vicinity Plan



ECA Proj. # X1568



**A: Northwesterly Overview of the Subject Building**



**B: Southeasterly Overview of the Subject Building**

Source: Google Earth

Western Nevada College (FA# 15456809)

2201 West College Parkway  
Carson City, Nevada

Photographs



ECA Proj. # X1568



**C: Southerly View of the Subject Building**



**D: Westerly View of the Subject Building**

Source: Google Earth

Western Nevada College (FA# 15456809)

2201 West College Parkway  
Carson City, Nevada

Photographs



ECA Proj. # X1568



**E: Southwesterly Overview of the Subject Building**



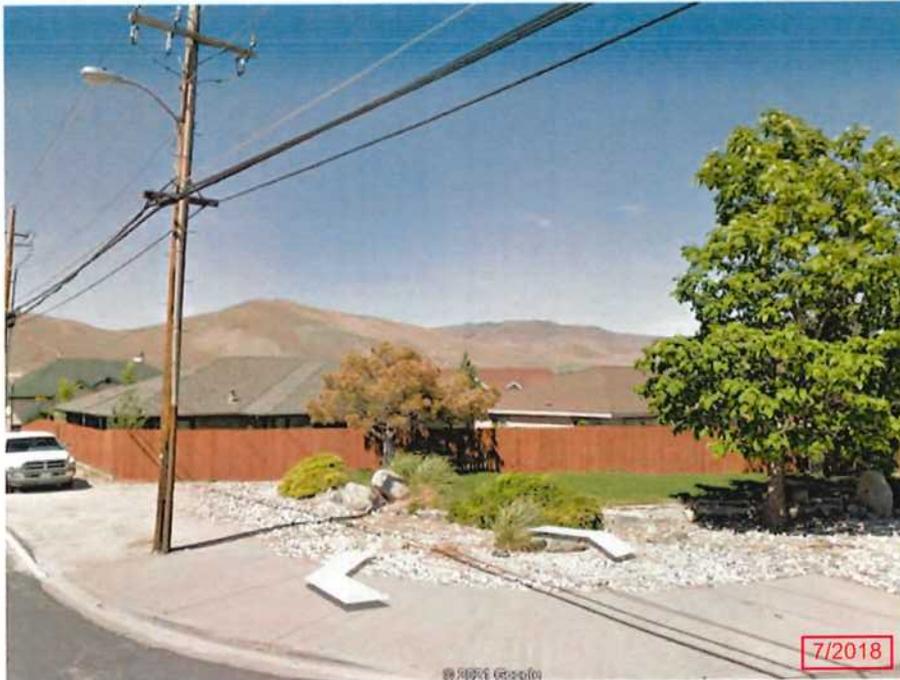
**F: Northwesterly Overview of the Subject Building**

Source: Google Earth

Western Nevada College (FA# 15456809)  
2201 West College Parkway  
Carson City, Nevada  
Photographs



ECA Proj. # X1568



1A: Northeasterly Overview of *Raycraft Ranch* (NRHP No. 76002243)



1B: Southwesterly View Towards the Proposed Undertaking from *Raycraft Ranch* (NRHP No. 76002243) Located Approximately 2,000 feet (610m) Northeast of the Proposed Undertaking

Source: Google Earth

Western Nevada College (FA# 15456809)

2201 West College Parkway  
Carson City, Nevada

Photographs



ECA Proj. # X1568



1C: Northerly Overview of *Raycraft Ranch* (NRHP No. 76002243)



1D: Southwesterly View Towards the Proposed Undertaking from *Raycraft Ranch* (NRHP No. 76002243) Located Approximately 2,300 feet (701m) Northeast of the Proposed Undertaking

Source: Google Earth

Western Nevada College (FA# 15456809)

2201 West College Parkway  
Carson City, Nevada

Photographs



ECA Proj. # X1568

**PROJECT INFORMATION**  
**(Construction Drawings)**



at&t

# WESTERN NEVADA COLLEGE

2201 W COLLEGE PKWY  
CARSON CITY, NV 89703

## PROJECT REFERENCE NUMBERS

SITE I.D.: .  
US I.D.: .  
FA NO.: 15456809  
ORACLE NO.: .  
PACE NO.: MRSFR075488  
PROGRAM: .

### APPLICABLE BUILDING CODES AND STANDARDS

SUBCONTRACTORS' WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION, THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

2018 EDITION OF THE INTERNATIONAL BUILDING CODE.  
2018 EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE.  
2018 EDITION OF THE INTERNATIONAL MECHANICAL CODE.  
2018 EDITION OF THE UNIFORM MECHANICAL CODE.  
2018 EDITION OF THE UNIFORM PLUMBING CODE.  
2017 EDITION OF THE NATIONAL ELECTRICAL CODE.

SUBCONTRACTORS' WORK SHALL COMPLY WITH ALL LOCAL BUILDING CODES AND CITY/COUNTY ORDINANCES.

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY IS EXEMPT BASED ON ADA STANDARDS 203.5 AND CBC 11B-203.5 "MACHINERY SPACES."

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

### VICINITY MAP



### PROJECT TEAM

#### APPLICANT/LESSEE:

AT&T MOBILITY  
2700 WATT AVENUE, 3473-34  
SACRAMENTO, CA 95821  
CONTACT: JED PETERS  
PHONE: (916) 385-1466

#### OWNER:

BOARD OF REGENTS - U N R  
2601 ENTERPRISE RD  
RENO, NV 89512-0000  
PHONE: TBD

#### SAO/ZONING/PERMITTING:

COMPLETE WIRELESS CONSULTING  
2009 V STREET  
SACRAMENTO, CA 95818  
CONTACT: MACY HABIBEH  
PHONE: (916) 224-8018

#### ARCHITECT:

DELTA GROUPS ENGINEERING  
6800 KOLL CENTER PARKWAY,  
SUITE 225  
PLEASANTON, CA 94566  
PHONE: (925) 468-0115

#### STRUCTURAL:

DELTA GROUPS ENGINEERING  
6800 KOLL CENTER PARKWAY,  
SUITE 225  
PLEASANTON, CA 94566  
PHONE: (925) 468-0115

#### CONSTRUCTION:

TOTAL ENVIRONMENTAL & POWER  
SYSTEMS, INC.  
2500 BISSO LN, SUITE 500  
CONCORD, CA 94520  
CONTACT: TONY PACHAD  
PHONE: (925) 681-2238

#### RF ENGINEER:

AT&T MOBILITY  
5001 EXECUTIVE PARKWAY, 4W7500  
SAN RAMON, CA 94583  
CONTACT: BRETT LAWLESS  
PHONE: (916) 716-9276

### PROJECT DESCRIPTION

#### SCOPE OF WORK:

THIS IS AN APPLICATION FOR A NEW, UNMANNED AT&T MOBILITY SERVICES FACILITY CONSISTING OF:

- THE INSTALLATION OF TELECOMMUNICATIONS EQUIPMENT WITHIN EXISTING EQUIPMENT RACK INSIDE EXISTING 'COMMUNICATIONS HEAD-END ROOM (211)' INSIDE EXISTING 'BRISTLECONE' BUILDING.
- THE INSTALLATION OF FOUR (4) OUTDOOR DIRECTIONAL ANTENNAS (2 PER SECTOR; 2 SECTORS TOTAL) - MOUNTED AT ROOFTOP OF EXISTING BUILDING W/ (2) MBO UNITS (1 PER SECTOR) - MOUNTED BEHIND PANEL ANTENNAS).
- THE INSTALLATION OF ASSOCIATED COMMUNICATIONS AND UTILITIES WIRING AS REQUIRED.

### DRAWING INDEX

T1	TITLE SHEET
T2	GENERAL NOTES, LEGEND, & ABBREVIATIONS
A1	OVERALL SITE PLAN
A2	FIRST FLOOR PLAN
A3	ROOF PLAN
A4	EQUIPMENT & ANTENNA PLANS
A4	NORTH & SOUTH ELEVATIONS
AS.1	EAST & WEST ELEVATIONS
AS.2	DETAILS, & SIGNAGE
A6	ANTENNA EQUIPMENT SPECIFICATIONS
A7	GENERAL STRUCTURAL NOTES, & DETAILS
S1	ELECTRICAL & TELEPHONE SPECIFICATIONS & UTILITIES NOTES
E1	ONE-LINE DIAGRAM, & PANEL SCHEDULE
E2	EQUIPMENT & ANTENNA GROUNDING PLANS
E3	GENERAL GROUNDING NOTES, & GROUNDING DETAILS
E4	

### PROJECT INFORMATION

#### SITE ADDRESS:

2201 W COLLEGE PKWY  
CARSON CITY, NV 89703

#### A.P.N.:

00752101

#### PROPERTY OWNER:

MENDOCINO COLLEGE (MCC)  
1000 HENSLEY CREEK RD.  
UKIAH, CA 95462  
PHONE: (707) 648-3072

#### JURISDICTION:

MENDOCINO COUNTY

#### ZONE:

PR - PARKS & RECREATION

#### LATITUDE (NAD83):

SECTOR 1: 39.191069  
SECTOR 2: 39.184922

#### OCCUPANCY TYPE:

TBD

#### LONGITUDE (NAD83):

SECTOR 1: -119.791069  
SECTOR 2: -119.791228

#### TYPE OF CONSTRUCTION:

TYPE III

#### ELEVATION:

TBD

### SITE DIRECTIONS

FROM AT&T MOBILITY OFFICES LOCATED AT 2700 WATT AVENUE IN SACRAMENTO, CA:

HEAD WEST TOWARD KINGS WAY. TURN LEFT TOWARD KINGS WAY. TURN RIGHT ONTO KINGS WAY. TURN RIGHT AT THE 1ST CROSS STREET ONTO WATT AVE. USE THE RIGHT LANE TO TAKE THE I-80 RAMP TO RENO. MERGE ONTO I-80BL E. USE THE LEFT 3 LANES TO MERGE ONTO I-80 E TOWARD RENO. ENTERING NEVADA. USE THE RIGHT 2 LANES TO TAKE EXIT 15 TO MERGE ONTO I-580 S/US-395 S TOWARD CARSON CITY. KEEP LEFT TO CONTINUE ON I-580 S. TAKE EXIT 8 FOR US-395 BUS/N CARSON STREET. CONTINUE ONTO US-395 BUS/N CARSON ST. PASS BY TACO BELL (ON THE LEFT). TURN RIGHT ONTO W COLLEGE PKWY. DESTINATION WILL BE ON THE RIGHT.



2700 WATT AVENUE, 3473-34  
SACRAMENTO, CA 95821

WESTERN NEVADA COLLEGE  
FA NO. 15456809

2201 W COLLEGE PKWY,  
CARSON CITY, NV 89703



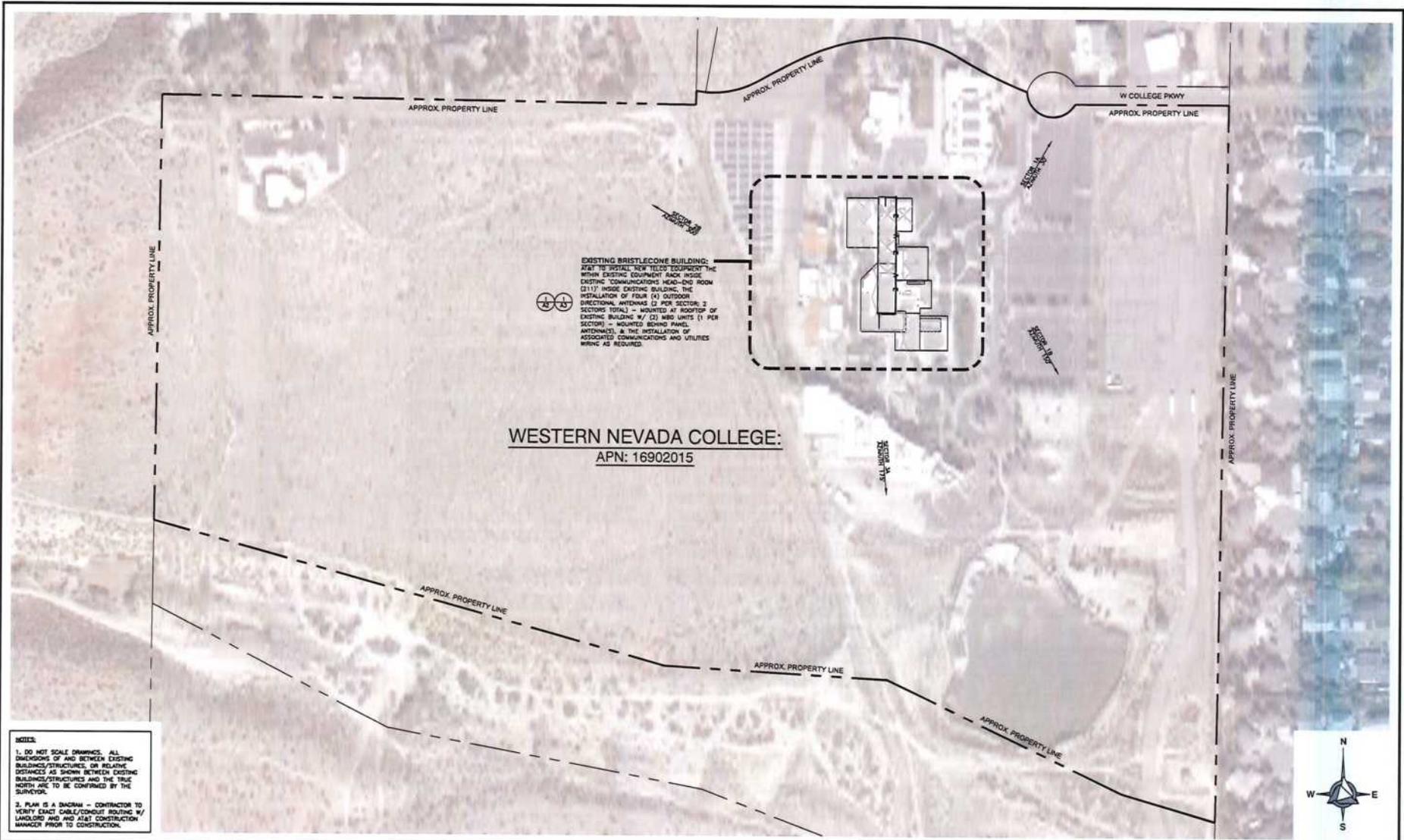
DELTA GROUPS  
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CONSULTING ENGINEERS

6800 KOLL CENTER PARKWAY, SUITE 225  
PLEASANTON, CA 94566  
TEL: (925) 468-0115 FAX: (925) 468-0335

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SHEET TITLE	
TITLE SHEET	
SHEET	SHEET NO.
T1	P21AT011
	SITE NAME
	WESTERN NEVADA COLLEGE





**WESTERN NEVADA COLLEGE:**  
 APN: 16902015

EXISTING BRISTLECONE BUILDING:  
 AT&T TO INSTALL NEW TELCO EQUIPMENT THE  
 WITHIN EXISTING EQUIPMENT RACK INSIDE  
 EXISTING COMMUNICATIONS HEAD-END ROOM  
 (3117) INSIDE EXISTING BUILDING, THE  
 INSTALLATION OF FOUR (4) OUTDOOR  
 DIRECTIONAL ANTENNAS (2 PER SECTION 2  
 SECTIONS TOTAL) - MOUNTED AT ROOFTOP OF  
 EXISTING BUILDING W/ (2) NMO UNITS (1 PER  
 SECTION) - MOUNTED BEHIND PANELS  
 ANTENNA(S) & THE INSTALLATION OF  
 ASSOCIATED COMMUNICATIONS AND UTILITIES  
 WIRING AS REQUIRED.

- NOTES:**
1. DO NOT SCALE DIMENSIONS. ALL DIMENSIONS OF AND BETWEEN EXISTING BUILDINGS/STRUCTURES OR RELATIVE DISTANCES AS SHOWN BETWEEN EXISTING BUILDINGS/STRUCTURES AND THE TRUE NORTH ARE TO BE CONFIRMED BY THE SURVEYOR.
  2. PLAN IS A DIAGRAM - CONTRACTOR TO VERIFY EXACT CABLE/CONDUIT ROUTING W/ LANDLORD AND AT&T CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

**OVERALL SITE PLAN**



WESTERN NEVADA COLLEGE  
 FA NO. 15456809

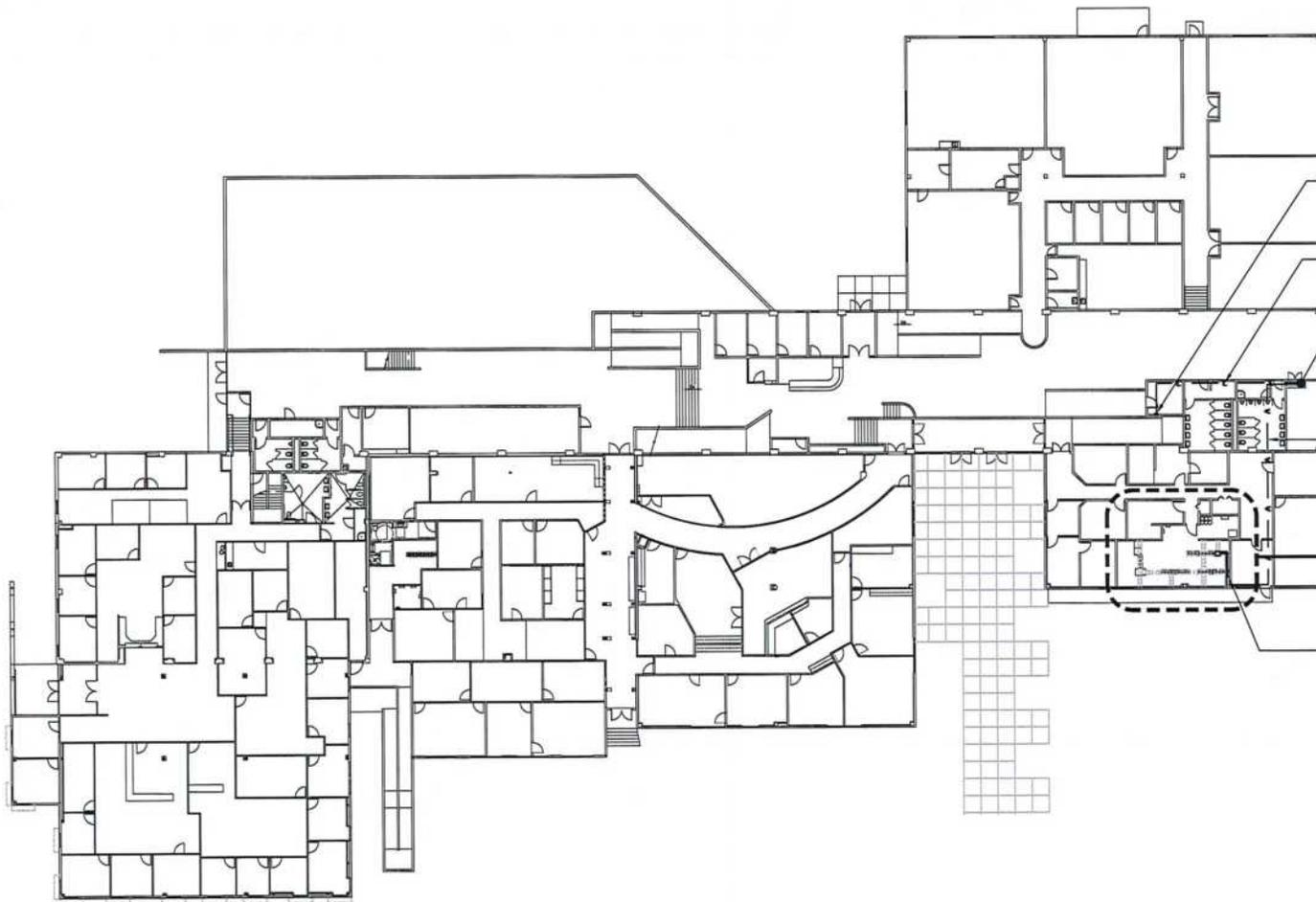
2201 W COLLEGE PKWY,  
 CARSON CITY, NV 89703



5000 HOLL CENTER PARKWAY, SUITE 225  
 PLACENTIA, CA 92669  
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SCALE	NTS	1
SHEET TITLE		
OVERALL SITE PLAN		
SHEET	SHEET NO.	
A1	P21A1011	
SITE NAME		
WESTERN NEVADA COLLEGE		



- EXISTING STORAGE ROOM (137) -  
LOCATION OF EXISTING 100A, 120/200V,  
36, 48 PANEL, 1/2" (800 POWER POC) -  
CONTRACTOR TO INSTALL (2) 1/2" O.D.  
CIRCUIT BREAKER AT COT #37 & #38
- (A)
- APPROX. LOCATION OF NEW (2) 3/4" POWER CONDUIT ROUTING ALONG EXISTING CEILING PLenum FROM POWER P.O.C. TO ANTENNA LOCATION AT ROOFTOP ABOVE
- (B)
- LOCATION OF NEW FIRE RATED CONDUIT PENETRATION LOCATED INSIDE EXISTING CONDUIT ROOM FOR (1) 2" FIBER CONDUIT & (2) 3/4" POWER CONDUITS
- (C)
- APPROX. LOCATION OF NEW FIBER LINES WITHIN AN EXISTING TELECO INNER DUCT ALONG EXISTING CEILING PLenum - FROM NEW AT&T TELECO EQUIPMENT INSIDE ROOM 211 TO ANTENNA LOCATIONS AT ROOFTOP ABOVE
- EXISTING BUILDING WALL (TYP.)
- EXISTING COMMUNICATIONS HEAD-END ROOM (211) INSIDE EXISTING BUILDING. LOCATION OF NEW AT&T TELECO EQUIPMENT (REFER TO DETAIL 1/4" FOR ADDITIONAL INFORMATION)
- (D)
- LOCATION OF EXISTING INDOOR WALL-MOUNTED OENA (TELECO P.O.C.) LOCATED INSIDE EXISTING COMMUNICATIONS HEAD-END ROOM (211)

**NOTES:**

- DO NOT SCALE DRAWINGS. ALL DIMENSIONS OF AND BETWEEN EXISTING BUILDINGS/STRUCTURES, OR RELATIVE DISTANCES AS SHOWN BETWEEN EXISTING BUILDINGS/STRUCTURES AND THE TRUE NORTH ARE TO BE COMPARED BY THE SURVEYOR.
- PLAN IS A DYNAMIC - CONTRACTOR TO VERIFY EXACT CABLE/CONDUIT ROUTING BY LANDLORD AND AT&T CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.



**FIRST FLOOR PLAN**

2700 WATT AVENUE, 3473-34  
SACRAMENTO, CA 95821

**WESTERN NEVADA COLLEGE**  
FA NO. 15456809

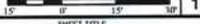
2201 W COLLEGE PKWY,  
CARSON CITY, NV 89703

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ENGINEERING, INC.**  
CONSULTING ENGINEERS

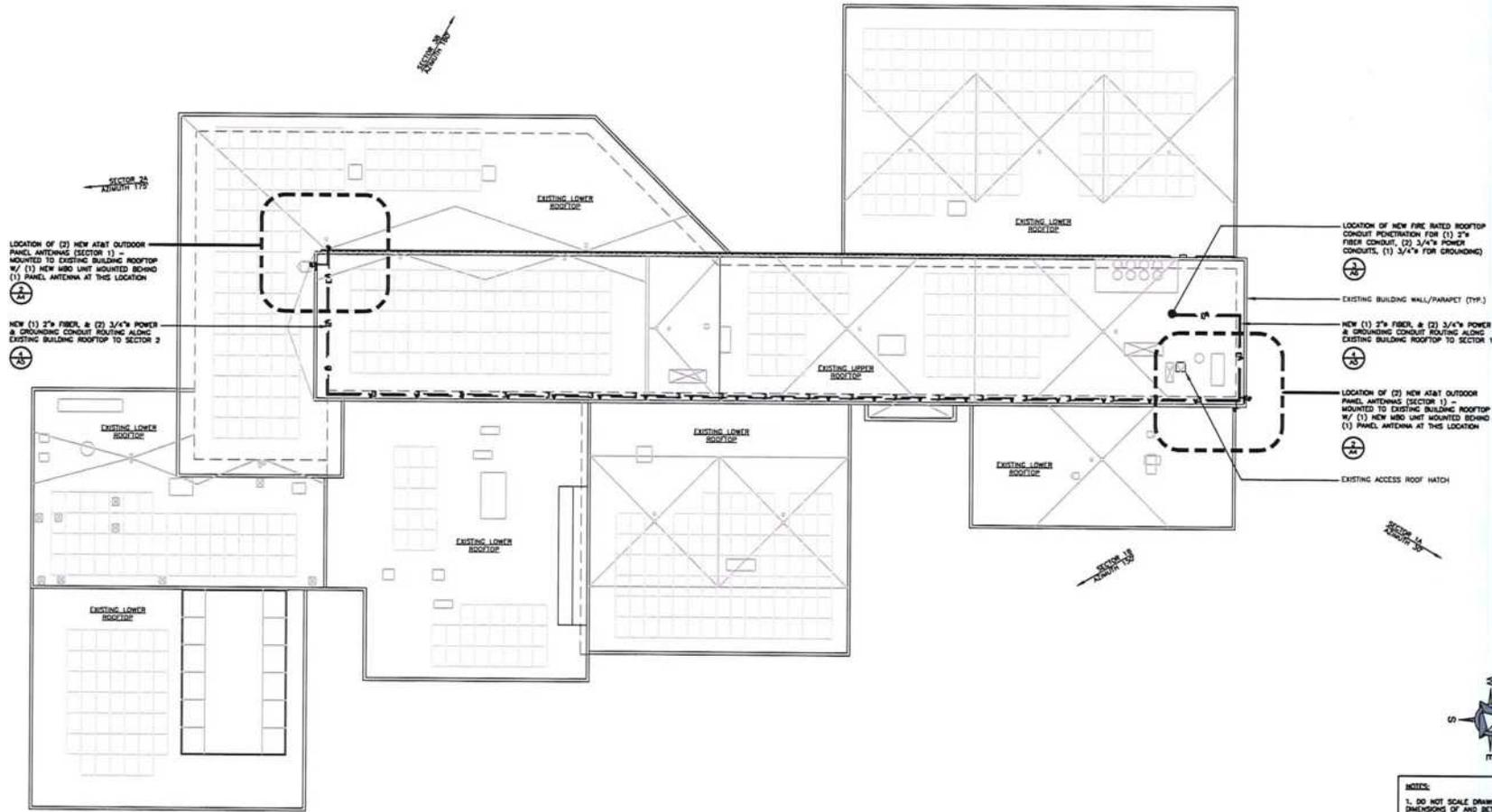
8600 HOLL CENTER PARKWAY, SUITE 225  
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SCALE: 1 inch = 15 ft



SHEET TITLE	
FIRST FLOOR PLAN	
SHEET	SHEET NO.
A2	P21AT011
SHEET NAME	
WESTERN NEVADA COLLEGE	



LOCATION OF (2) NEW AT&T OUTDOOR PANEL ANTENNAS (SECTION 1) - MOUNTED TO EXISTING BUILDING ROOFTOP W/ (1) NEW HBO UNIT MOUNTED BEHIND (1) PANEL ANTENNA AT THIS LOCATION  
 (1) 2A

NEW (1) 2" FIBER & (2) 3/4" POWER & GROUNDING CONDUIT ROUTING ALONG EXISTING BUILDING ROOFTOP TO SECTION 2  
 (1) 2B

LOCATION OF NEW FIRE RATED ROOFTOP CONDUIT PENETRATION FOR (1) 2" FIBER CONDUIT, (2) 3/4" POWER CONDUITS, (1) 3/4" FOR GROUNDING  
 (1) 3A

EXISTING BUILDING WALL/PARAPET (TYP.)

NEW (1) 2" FIBER & (2) 3/4" POWER & GROUNDING CONDUIT ROUTING ALONG EXISTING BUILDING ROOFTOP TO SECTION 1  
 (1) 4A

LOCATION OF (2) NEW AT&T OUTDOOR PANEL ANTENNAS (SECTION 1) - MOUNTED TO EXISTING BUILDING ROOFTOP W/ (1) NEW HBO UNIT MOUNTED BEHIND (1) PANEL ANTENNA AT THIS LOCATION  
 (1) 2C

EXISTING ACCESS ROOF HATCH

NOTES:

1. DO NOT SCALE DRAWINGS. ALL DIMENSIONS OF AND BETWEEN EXISTING BUILDINGS/STRUCTURES, OR RELATIVE DISTANCES AS SHOWN BETWEEN EXISTING BUILDINGS/STRUCTURES AND THE TRUE NORTH ARE TO BE CONFIRMED BY THE SURVEYOR.

2. PLAN IS A DIAGRAM - CONTRACTOR TO VERIFY EXACT CABLE/CONDUIT ROUTING W/ LANDLORD AND AIR AT&T CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

ROOF PLAN

**at&t**  
 2700 WATT AVENUE, 3473-34  
 SACRAMENTO, CA 95821

WESTERN NEVADA COLLEGE  
 FA NO. 15456809  
 2201 W COLLEGE PKWY,  
 CARSON CITY, NV 89703

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 CONSULTING ENGINEERS  
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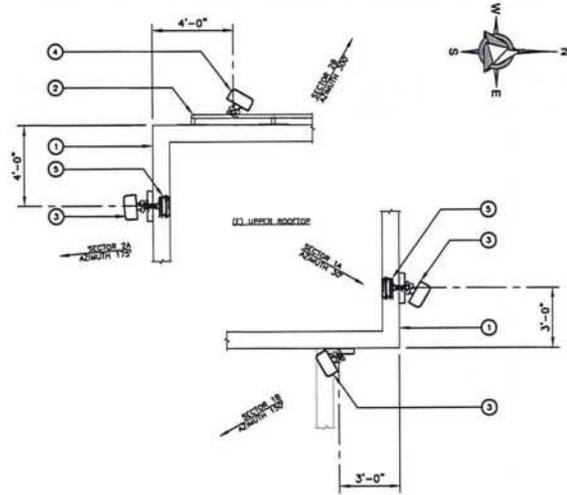
SCALE: 1 inch = 15 ft



SHEET TITLE	
ROOF PLAN	
SHEET	DWG NO.
A3	P21AT011
SITE NAME	
WESTERN NEVADA COLLEGE	

**KEY NOTES:**

- ① EXISTING BUILDING PARAPET WALL (TYP.)
- ② EXISTING STEEL GUARDRAIL (TYP.)
- NEW AT&T PANEL ANTENNA (MANUF.: COI; MODEL: 199A-628-BL3-1H) SIZE: 48.2"X14.4"X19.7" (D); WT.: 32.3 LBS.) - PIPE MOUNTED TO EXISTING BUILDING WALL (PAINT TO MATCH EXISTING BUILDING)
- NEW AT&T PANEL ANTENNA (MANUF.: COI; MODEL: 199A-628-BL3-1H) SIZE: 48.2"X14.4"X19.7" (D); WT.: 32.3 LBS.) - PIPE MOUNTED TO EXISTING BUILDING GUARDRAIL
- NEW AT&T MISO UNIT #1 (MANUF.: HOKA; MODEL: FLE5 ZONE; SIZE: 8.7"X12.8"X18.3" (D); WT.: 24.2 LBS.) - WALL-MOUNTED INSIDE "PHONE SHOP" (S440) (MFR MANUFACTURED SPECIFICATIONS (PAINT TO MATCH EXISTING BUILDING))

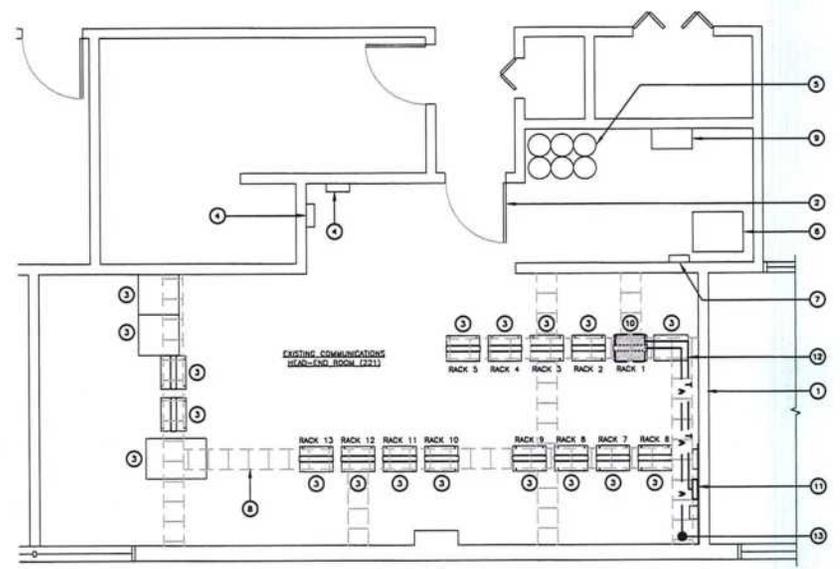


**NOTES:**

- DO NOT SCALE DIMENSIONS. ALL DIMENSIONS OF AND BETWEEN EXISTING BUILDINGS/STRUCTURES OR RELATIVE DISTANCES AS SHOWN BETWEEN EXISTING BUILDINGS/STRUCTURES AND THE TRUE NORTH ARE TO BE CONFIRMED BY THE SURVEYOR.
- PLAN IS A DIAGRAM - CONTRACTOR TO VERIFY EXACT CABLE/CONDUIT ROUTING W/ LANDLORD AND AT&T CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

**ANTENNA PLAN**

SCALE: 3/8" INCH = 1 FT. 2



**KEY NOTES:**

- ① EXISTING BUILDING (TYP.)
- ② EXISTING ACCESS DOOR (TYP.)
- ③ EXISTING EQUIPMENT RACK/CABINET (TYP.)
- ④ EXISTING WALL-MOUNTED PANEL
- ⑤ EXISTING FIRE SUPPRESSION SYSTEM
- ⑥ EXISTING TRANSFORMER
- ⑦ EXISTING MANUAL SHUT-OFF SWITCH
- ⑧ EXISTING OVERHEAD CABLE LADDER (TYP.)
- ⑨ EXISTING WALL-MOUNTED EQUIPMENT
- ⑩ EXISTING EQUIPMENT RACK (RACK 1) - LOCATION OF NEW TELCO EQUIPMENT (S440) (CONTRACTOR TO PROVIDE POWER CHORD FROM NEW S440 TO EXISTING TRIST LOCK - VERIFY IN-FIELD)
- ⑪ EXISTING TELCO BACKBOARD - LOCATION OF EXISTING TELCO ODIA (TELCO P.G.C.)
- NEW (1) 1 1/4" INH.DUCT FOR NEW TELCO ROUTING ALONG EXISTING OVER HEAD CABLE LADDER FROM TELCO P.G.C. TO NEW AT&T TELCO EQUIPMENT
- NEW (1) 1 1/4" INH.DUCT FOR FIBER FROM NEW TELCO EQUIPMENT TO ANTENNA LOCATIONS AT ROOFTOP ABOVE (REFER TO SHEET A2 FOR CONTINUATION)

**NOTES:**

- DO NOT SCALE DIMENSIONS. ALL DIMENSIONS OF AND BETWEEN EXISTING BUILDINGS/STRUCTURES OR RELATIVE DISTANCES AS SHOWN BETWEEN EXISTING BUILDINGS/STRUCTURES AND THE TRUE NORTH ARE TO BE CONFIRMED BY THE SURVEYOR.
- PLAN IS A DIAGRAM - CONTRACTOR TO VERIFY EXACT CABLE/CONDUIT ROUTING W/ LANDLORD AND AT&T CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

**EQUIPMENT PLAN (COMMUNICATIONS HEAD-END - 221)**

SCALE: 3/8" INCH = 1 FT. 2

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UNUSED



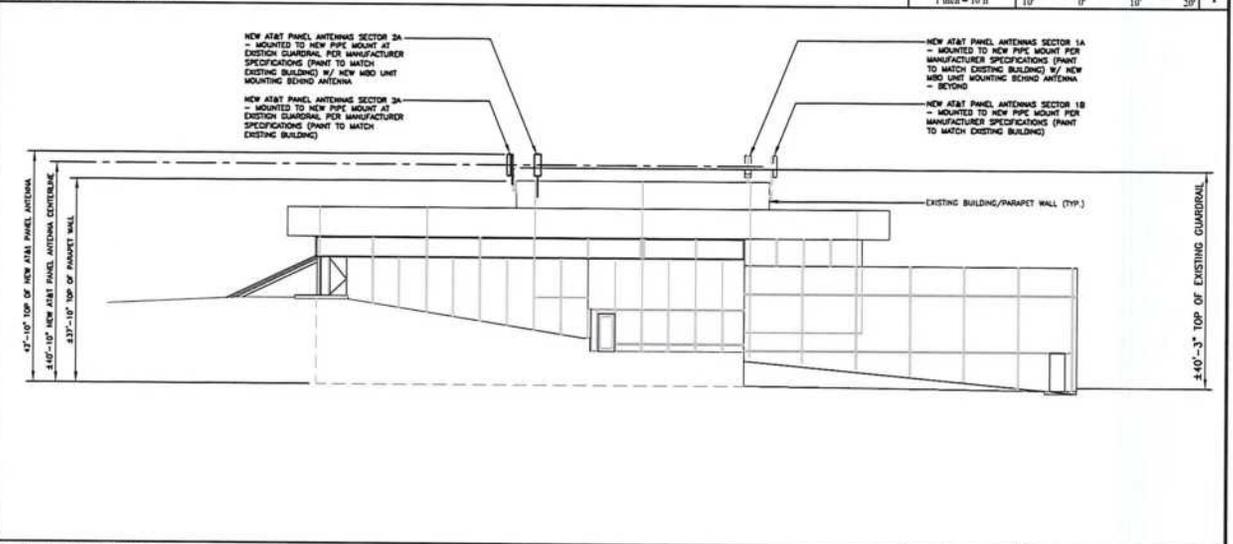
WESTERN NEVADA COLLEGE  
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CARSON CITY, NV 89703

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EQUIPMENT & ANTENNA PLANS	
SHEET	DWG NO.
A3	P21AT011
SITE NAME	
WESTERN NEVADA COLLEGE	



NORTH ELEVATION



SOUTH ELEVATION

UNUSED



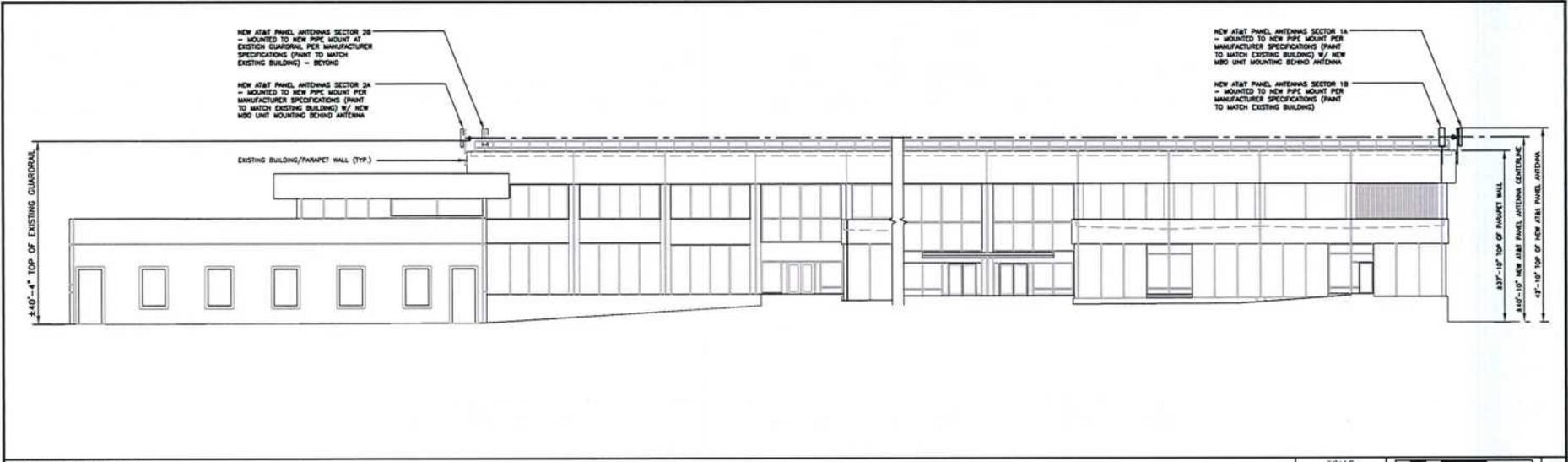
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CARSON CITY, NV 89703



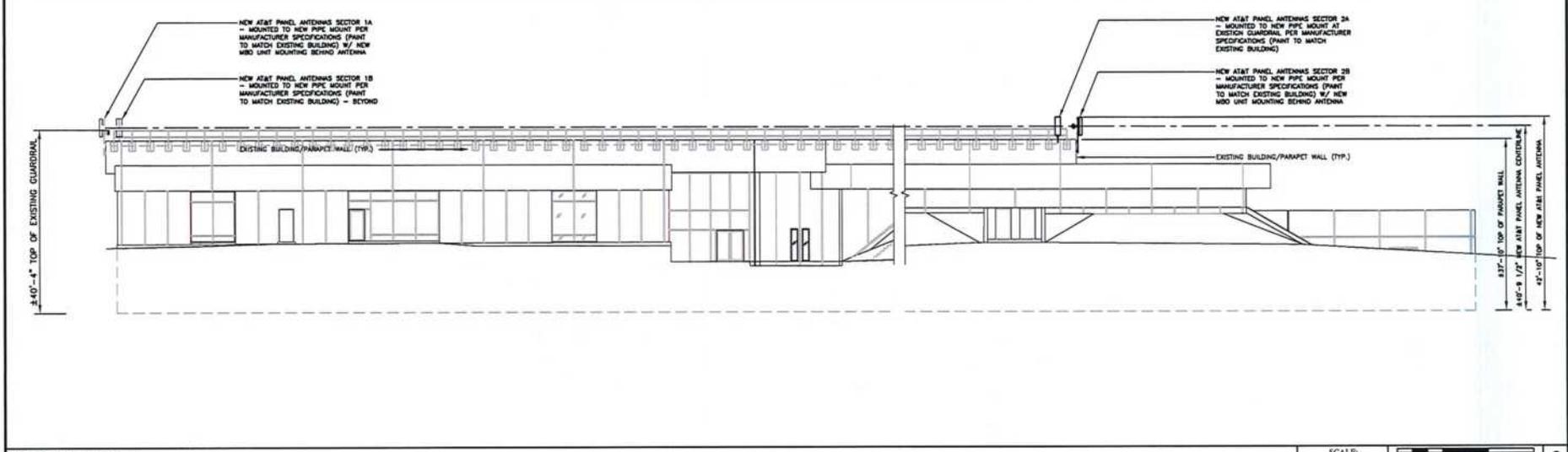
REV.	DATE	DESCRIPTION	BY	CHK.
1	8/25/21	ISSUED FOR DESIGN REVIEW	JK	

SHEET TITLE	
NORTH & SOUTH ELEVATIONS	
SHEET	DATE
A5.1	P21AT011
SITE NAME	
WESTERN NEVADA COLLEGE	



EAST ELEVATION

SCALE: 1 inch = 10 ft  
 1



WEST ELEVATION

SCALE: 1 inch = 10 ft  
 2

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EAST & WEST ELEVATION

SHEET: **A5.2** DRAW NO: P21AT011  
 SITE NAME: WESTERN NEVADA COLLEGE

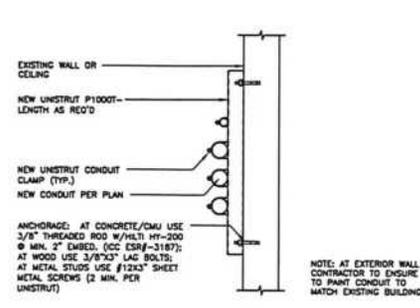
**CAUTION**



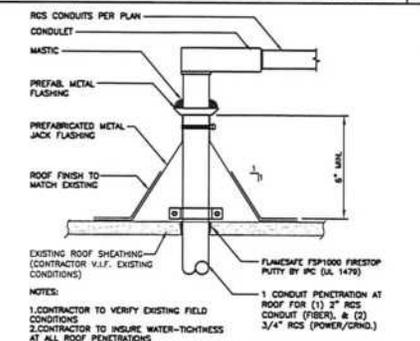
**On this tower:**  
 Radio frequency (RF) fields near some antennas *may exceed* the FCC Occupational Exposure Limits. Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to performing maintenance or repairs beyond this point. Personnel climbing this tower should be trained for working in RF environments and use a personal RF monitor if working near active antennas.

Circle Sign #CMTT-AL-017 This is AT&T site

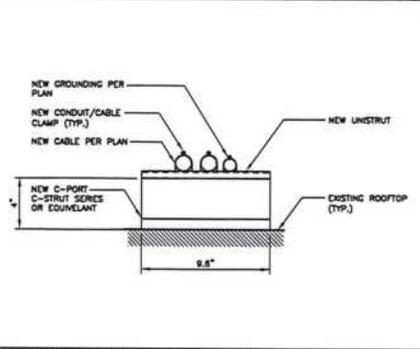
THE CUSTODIAN OF THIS STATION'S LICENSE IS:  
**AT&T**  
 ATTENTION TO: FCC GROUP  
 208 S. AKARD STREET, RM 1016  
 DALLAS, TX 75202  
 855-699-7073  
 FCCMW@att.com



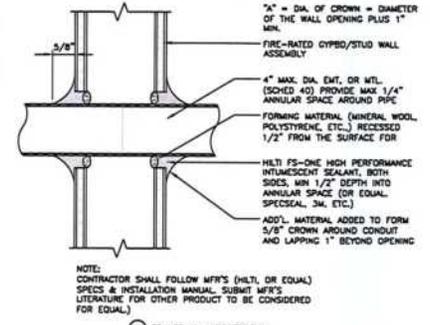
**CONDUIT/CABLE ROUTING AT CEILING/WALL** 2



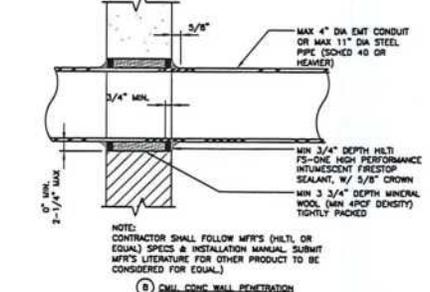
**CONDUIT PENETRATION AT ROOFTOP** 3



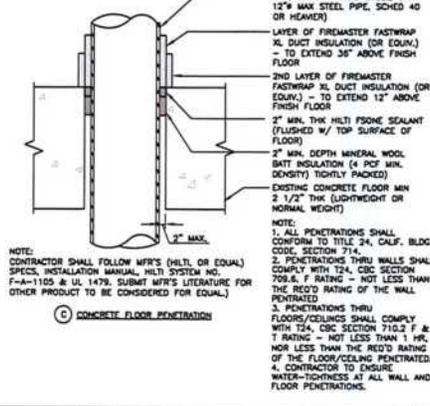
**CONDUIT ROUTING AT ROOFTOP** 4



**FRAMED WALL PENETRATION**



**CMU CONC. WALL PENETRATION**



**CONCRETE FLOOR PENETRATION**

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 8005 HILL CENTER PARKWAY, SUITE 225  
 PLEASANTON, CA 94588  
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GENERAL STRUCTURAL NOTES, DETAILS, & SIGNAGE  
 SHEET: A6  
 SHEET NO: P21AT011  
 SITE NAME: WESTERN NEVADA COLLEGE

**NOTE:** The BTS installation manual always flow the antenna into the installation panel from inside the cabinet and not from outside the cabinet.

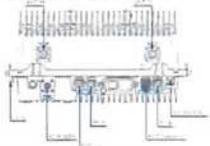


Figure 18 Flex Zone BTS installation panel of MBO-2000



**Note:** Flex Zone MBO requires the future support of MBO-2000.

**Note:** The total weight of the antenna and Flex Zone outdoor equipment after mounting a antenna to the antenna will be as follows:

- Mounting the BTS unit and the antenna are limited by your site's site conditions and the weight of the antenna.
- Make sure the antenna is mounted on a solid structure.
- Make sure the antenna is mounted on a solid structure.
- Make sure the antenna is mounted on a solid structure.
- Make sure the antenna is mounted on a solid structure.
- Make sure the antenna is mounted on a solid structure.

1. Flex Zone MBO-2000 Series BTS  
 2. Flex Zone MBO Series BTS

1. Flex Zone MBO-2000 Series BTS  
 2. Flex Zone MBO Series BTS

BTS Size	Minimum Dimensions	Maximum Dimensions
Small	1000 mm (39.4 in) x 1000 mm (39.4 in) x 1000 mm (39.4 in)	1000 mm (39.4 in) x 1000 mm (39.4 in) x 1000 mm (39.4 in)
Medium	1000 mm (39.4 in) x 1000 mm (39.4 in) x 1000 mm (39.4 in)	1000 mm (39.4 in) x 1000 mm (39.4 in) x 1000 mm (39.4 in)
Large	1000 mm (39.4 in) x 1000 mm (39.4 in) x 1000 mm (39.4 in)	1000 mm (39.4 in) x 1000 mm (39.4 in) x 1000 mm (39.4 in)

The dimensions are in millimeters.

1. Flex Zone MBO-2000 Series BTS  
 2. Flex Zone MBO Series BTS



Figure 20 Flexing the antenna wires



The dimensions are in millimeters.

1. Flex Zone MBO-2000 Series BTS  
 2. Flex Zone MBO Series BTS

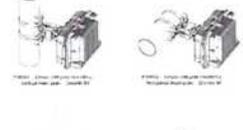


Figure 22 Flex Zone MBO-2000 Series BTS

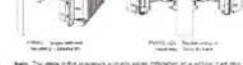


Figure 23 Flex Zone MBO Series BTS

The dimensions are in millimeters.

1. Flex Zone MBO-2000 Series BTS  
 2. Flex Zone MBO Series BTS

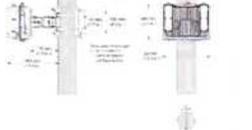


Figure 24 Flex Zone MBO-2000 Series BTS



Figure 25 Flex Zone MBO Series BTS

The dimensions are in millimeters.

1. Flex Zone MBO-2000 Series BTS  
 2. Flex Zone MBO Series BTS



Figure 26 Flex Zone MBO-2000 Series BTS



The dimensions are in millimeters.

NOKIA MBO SPEC SHEETS



2700 WATT AVENUE, 3473-34  
 SACRAMENTO, CA 95821

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2 OMNI DIRECTIONAL ANTENNA SPEC SHEETS 1

SHEET TITLE	
ANTENNA EQUIPMENT SPECIFICATIONS	
SHEET	SHEET NO.
A9	P21AT011
SITE NAME	
WESTERN NEVADA COLLEGE	

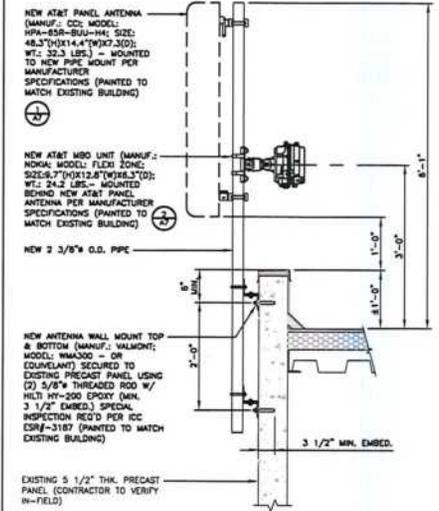
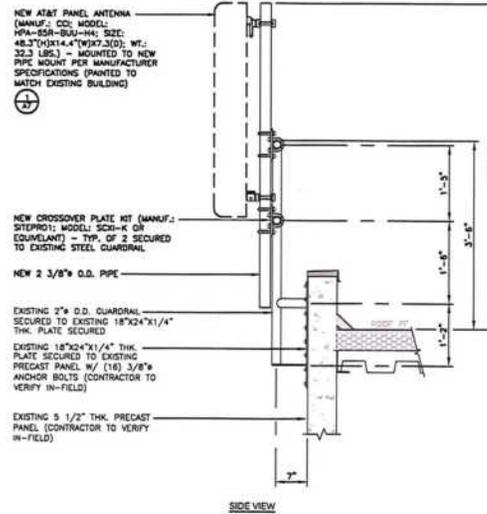
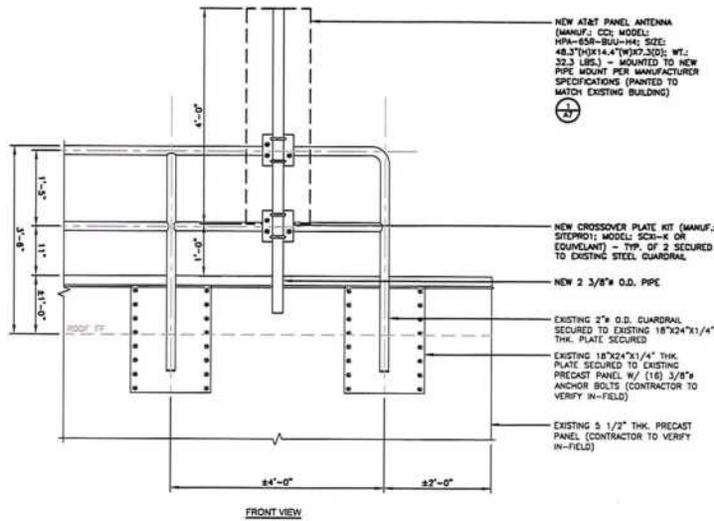
**GENERAL NOTES:**

1. THE CONTRACTOR SHALL EXAMINE THE STRUCTURAL DRAWINGS AND SHALL NOTIFY THE ARCHITECT/ENGINEER, AND PROJECT MANAGER, IN WRITING, SHOULD ANY DISCREPANCIES BE FOUND PRIOR TO PROCEEDING WITH WORK.
2. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETE STRUCTURE. THEY DO NOT INDICATE THE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES AND MEANS NECESSARY TO PROTECT PERSONS AND THE EXISTING STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO BRACING, SHORING, ETC. VISITS BY THE ARCHITECT SHALL NOT INCLUDE INSPECTION OF THESE ITEMS.
3. ALL WORK NOT DETAILED OR NOTED SHALL BE CONSTRUCTED IN ACCORDANCE WITH OTHER SIMILAR WORK AND TYPICAL DETAILS SHOWN ON THE DRAWINGS. DIMENSIONS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. NO PIPES OR DUCTS SHALL BE PLACED IN SLABS OR WALLS UNLESS SPECIFICALLY DETAILED OR APPROVED BY THE ARCHITECT.
4. ALL WORK PERFORMED ON PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES INCLUDING OSHA AND STATE SAFETY ORDERS. THE GENERAL CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL, AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.

UNUSED

**GENERAL STRUCTURAL NOTES**

1



**ANTENNA MOUNTING TO GUARDRAIL**

3

**ANTENNA MOUNTING TO EXTERIOR WALL**

2



2700 WATT AVENUE, 3473-34  
SACRAMENTO, CA 95821

WESTERN NEVADA COLLEGE  
FA NO. 15456809

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**DELTA GROUPS  
ENGINEERING, INC.**  
CONSULTING ENGINEERS

8000 ROLL CENTER PARKWAY, SUITE 223  
PLACENTIA, CA 94066  
TEL: (925) 468-0113 FAX: (925) 468-0305

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SHEET TITLE	
GENERAL STRUCTURAL NOTES & DETAILS	
SHEET	SHEET NO.
S1	P21AT011
SITE NAME	
WESTERN NEVADA COLLEGE	

1. ALL WORK AND MATERIAL SHALL BE IN COMPLETE COMPLIANCE WITH THE LATEST EDITION OF THE NEC AND ALL REGULATIONS, LAWS, SAFETY ORDERS, ORDINANCES OR CODES. IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

2. THE SEISMIC BRACING AND ANCHORAGE OF ELECTRICAL CONDUITS AND WIREWAYS SHALL BE IN ACCORDANCE WITH THE UNIFORM BUILDING CODE, CHAPTER 23 AND "GUIDELINE FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND SERVICES" PUBLISHED BY SACHA AND PPEL OR THE SUPERSTRUT-SEISMIC RESTRAINTS SYSTEM OR THE RAN-LINE SEISMIC RESTRAINT SYSTEM.

3. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED BY UNDERWRITERS LABORATORIES (UL) AND BEAR THEIR LABEL OR LISTED AND CERTIFIED BY A NATIONALLY RECOGNIZED TESTING AGENCY UNLESS (A) DOES NOT HAVE LISTING, CUSTOM MADE EQUIPMENT SHALL HAVE COMPLETE TEST DATA SUBMITTED BY THE MANUFACTURER ATTENDING TO ITS SAFETY. IN ADDITION, THE MATERIALS, EQUIPMENT, AND INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING CODES AND REGULATIONS:

- AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)
- INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
- NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
- AMERICAN STANDARD ASSOCIATION (ASA)
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
- AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)
- NATIONAL ELECTRICAL CODE (NEC)
- INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA)
- ALL LOCAL CODES HAVING JURISDICTION

4. THE CONTRACTOR SHALL VISIT THE SITE, INCLUDING ALL AREAS INDICATED ON THE DRAWINGS, AND SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AS WELL AS THE ELECTRICAL AND CROWDING REQUIREMENTS OF THIS PROJECT. BY SUBMITTING A BID, HE ACCEPTS THE CONDITIONS UNDER WHICH HE SHALL BE REQUIRED TO PERFORM HIS WORK.

5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS, ASSESS DRAWINGS AND SPECIFICATIONS AS WELL AS THE LATEST EDITION OF ANY DESIGN SPECIFICATIONS. HE SHALL CHECK THE DRAWINGS OF THE OTHER TRADES AND SHALL CHECK FOR FIELD CONDITIONS THAT MAY AFFECT THE WORK. FAILURE TO DO SO SHALL NOT RELEASE THE CONTRACTOR FROM THE RESPONSIBILITY OF DOING THE WORK IN COMPLETE ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.

6. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AT THE SITE. ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE DRAWINGS SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER AND THE ARCHITECT/ENGINEER IN WRITING PRIOR TO SUBMITTING A BID. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL SUBJECT TO THE INTERPRETATION OF THE PROJECT MANAGER AT HIS DISCRETION.

7. THE CONTRACTOR SHALL OBTAIN AND KEEP UP-TO-DATE A COMPLETE RECORD SET OF DRAWINGS. UPON COMPLETION OF THE WORK, A SET OF REPRODUCIBLE CONTRACT DRAWINGS SHALL BE OBTAINED FROM THE PROJECT MANAGER, AND ALL CHANGES AS NOTED ON THE RECORD SET OF DRAWINGS SHALL BE PROVIDED TO THE CONTRACTOR WITH HIS BID IN A READ, LEGIBLE, UNDOUBTSTANDABLE AND PROFESSIONAL MANNER.

8. ALL INTERRUPTION OF ELECTRICAL POWER SHALL BE KEPT TO A MINIMUM. HOWEVER, WHEN AN INTERRUPTION IS NECESSARY, THE SHUTDOWN MUST BE COORDINATED WITH THE PROJECT MANAGER AND THE PROPERTY OWNER 14 DAYS PRIOR TO THE OUTAGE. ANY OVERTIME PAY SHALL BE INCLUDED IN THE CONTRACTOR'S BID. ELECTRICAL EMPLOYEES WORKING ON PANELBOARDS SHALL BE COORDINATED WITH THE PROJECT MANAGER AND THE BUILDING OWNER PRIOR TO REMOVING ACCESS PANELS OR DOORS.

9. SHOP DRAWINGS SHALL BE SUBMITTED FOR ITEMS INDICATED ON PLANS. SHOP DRAWINGS SHALL INCLUDE ALL DATA WITH CAPACITANCE, SIZES, DIMENSIONS, CATALOG NUMBERS AND MANUFACTURER'S BROCHURES.

10. AFTER ALL REQUIREMENTS OF THE SPECIFICATIONS AND THE DRAWINGS HAVE BEEN FULLY COMPLETED, THE PROJECT MANAGER WILL INSPECT THE WORK. THE CONTRACTOR SHALL PROVIDE COMPETENT PERSONNEL TO DEMONSTRATE THE OPERATION OF ANY ITEM OR SYSTEM TO THE FULL SATISFACTION OF THESE REPRESENTATIVES. FINAL ACCEPTANCE OF THE WORK WILL BE MADE BY THE PROJECT MANAGER AFTER RECEIPT OF APPROVAL AND RECOMMENDATION OF ACCEPTANCE FROM EACH REPRESENTATIVE.

11. THE CONTRACTOR SHALL FURNISH ONE YEAR WRITTEN GUARANTEE OF MATERIALS AND WORKMANSHIP FROM THE DATE OF SUBSTANTIAL COMPLETION.

12. COORDINATE WITH OTHER TRADES AS TO THE EXACT LOCATION OF THEIR RESPECTIVE EQUIPMENT. SUPPLY POWER AND MAKE CONNECTION TO EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS. REVIEW THE DRAWINGS OF OTHER TRADES AND LOCATION OF EQUIPMENT.

13. EXACT METHOD AND LOCATION OF CONDUIT PENETRATIONS AND OPENINGS IN CONCRETE WALLS OR FLOORS OR STRUCTURAL STEEL MEMBERS, SHALL BE DIRECTED BY THE STRUCTURAL ENGINEER. PERFORM CORING, SMOOTING, PATCHING, AND REPAIRING OF EXISTING WALLS AND SURFACES WHEREVER IT IS NECESSARY TO PENETRATE. FINISHES SHALL BE SEALED IN AN APPROVED METHOD TO MEET THE FIRE RATING OF THE PARTICULAR WALL, FLOOR, OR CEILING.

14. UTILITY PENETRATIONS OF ANY KIND IN FIRE AND SMOKE PARTITIONS AND CEILING ASSEMBLIES, SHALL BE FIRESTOPPED AND SEALED WITH AN APPROVED MATERIAL, SECURELY INSTALLED.

15. CONNECTIONS TO VIBRATING EQUIPMENT AND SEISMIC SEPARATIONS: LIQUID-TIGHT FLEXIBLE STEEL CONDUIT IN DRY INTERIOR LOCATIONS AND IN AREAS EXPOSED TO WEATHER, DAMP LOCATIONS, CONNECTIONS TO TRANSFORMER ENCLOSURES, AND FINAL CONNECTIONS TO MOTORS.

PROVIDE A SEPARATE INSULATED GROUNDING CONDUCTOR IN FLEXIBLE CONDUIT RUNS. MINIMUM LENGTH SHALL BE 50 FEET UNLESS OTHERWISE NOTED.

16. ROUTE EXPOSED AND CONCEALED CONDUIT PARALLEL AND PERPENDICULAR TO WALL AND ADJACENT FINISH. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND TO PRESENT A NEAT APPEARANCE.

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAWCUTTING, TRECHING, BACKFILLING, COMPACTING AND PATCHING OF CONCRETE AND ASPHALT AS REQUIRED TO PERFORM HIS WORK. ATTENTION IS CALLED TO THE FACT THAT THERE ARE EXISTING UNDERGROUND UTILITY LINES. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION AND COORDINATION WITH ALL PROPERTY OWNERS, UTILITIES, AND APPROPRIATE "DIG ALERT" UNDERGROUND WARNING AGENCIES AND COMPANIES. THE CONTRACTOR SHALL ALWAYS USE EXTREME CAUTION WHEN TRECHING FOR HIS WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER AND APPROVED REPAIR OF ANY AND ALL DAMAGES CAUSED DURING THE COURSE OF HIS WORK.

18. IN THE EVENT OF A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT, CIRCUIT BREAKERS, GROUND FAULT PROTECTION SYSTEMS, ETC. (ALL MATERIALS, DEVICES OR DRAWINGS OR SPECIFICATIONS), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS AND SERVICES REQUIRED BY STRICTLY COMING NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO ENSURE COMPLETE AND OPERABLE SYSTEMS AS REQUIRED BY THE PROJECT MANAGER AND THE ARCHITECT/ENGINEER.

19. STRAIGHT FEEDER, BRANCH CIRCUIT, AND CONDUIT RUNS SHALL BE PROVIDED WITH SUFFICIENT WEATHER PROOF PULL BOXES OR JUNCTION BOXES TO LIMIT THE MAXIMUM LENGTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SIZED PER CODE OR PER THE LATEST EDITION OF THE DESIGN SPECIFICATIONS. THE NUMBER AND LOCATION OF THE PULL BOXES SHALL BE DETERMINED IN THE FIELD OR AS INDICATED ON THE DRAWINGS.

20. MAXIMUM NUMBER OF CONDUCTORS IN OUTLET SHALL BE DETERMINED IN THE FIELD OR AS INDICATED ON THE DRAWINGS.

21. IDENTIFICATION NAME PLATES SHALL BE MINIMUM 1/8" THICK AND OF APPROVED SIZE WITH REVEALED LETTERS AND IDENTIFY EACH CIRCUIT WITH A MINIMUM OF 1/4" HIGH BLACK BACKGROUND. NAMEPLATES SHALL BE PROVIDED ALL CIRCUITS IN THE SERVICE DISTRIBUTION AND POWER DISTRIBUTION SWITCH BOARDS OR PANEL BOARDS, DISCONNECTING SWITCHES, TRANSFORMERS, TERMINAL CABINETS, TELEPHONE CABINETS, ETC. ALL NAMEPLATES SHALL BE ATTACHED WITH SCREWS. FULL BOXES, JUNCTION BOXES, AND SERVICE BOXES SHALL BE MARKED WITH A PERMANENT MARKER.

22. THE EXACT LOCATION OF ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE COORDINATED WITH THE PLANS AND DETAILS, PRIOR TO INSTALLATION.

23. DRAWINGS ARE DIAGNOSTIC ONLY. ROUTING OF RACEWAYS SHALL BE AT THE OPTION OF THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE ELECTRICAL DRAWINGS FOR LOCATIONS OF ANY ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL, OR MECHANICAL ITEMS OR FEATURES.

24. RIGID GALVANIZED STEEL CONDUIT SHALL BE FULL WEIGHT THREADED TYPE. ELECTRICAL METALLIC TUBING (EMT) MAY BE USED IN WALLS OR CEILING SPACES WHERE NOT SUBJECT TO MECHANICAL DAMAGE. DIRECT BURIED PVC SCHEDULE 40 MAY BE INSTALLED BENEATH SLAB OR BELOW GRADE AND SHALL BE CONCRETE ENCASED UNLESS NOTED OTHERWISE. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE PROVIDED IN ALL CONDUIT RUNS. PROVIDE CONDUIT SUPPORTS NOT TO EXCEED 8'-0". PROVIDE J-M-C CONNECTORS FOR SECONDARY GROUND PATH OF SURFACE MOUNTED EMT.

25. RIGID STEEL CONDUIT FITTINGS INCLUDING COUPLINGS, LOCKOUTS, NIPPLES, ETC. SHALL BE THREADED AND THOROUGHLY GALVANIZED EXCEPT WHERE AN ADAPTER IS NEEDED TO CONNECT TO PVC. ELECTRICAL METALLIC TUBING (EMT) CONDUIT FITTINGS SHALL BE STEEL, HANDBENT, THREADED, COMPRESSION TYPE, DR. CAST, SET SCREW, OR INDENTED TYPES ARE NOT ACCEPTABLE. SET SCREW TYPE IS NOT ACCEPTABLE.

26. ALL TELETYPE CONDUIT INSTALLATIONS AND OTHER EMPTY CONDUIT RUNS AND STUBS SHALL INCLUDE A YELLOW 3/8" POLYPROPYLENE PULL STRING.

27. ALL CONDUCTORS SHALL BE COPPER #12 AWG MINIMUM SIZE, TYPE THHN/THWN, THERMOPLASTIC RIGID (TR) OR EXCELLENCE RIGID (ER) AND 90 DEGREE CEILING BEND AND UL LISTED UNLESS NOTED OTHERWISE. CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED UNLESS SPECIFICALLY NOTED TO THE CONTRARY. ALL WIRE CONNECTORS SHALL BE CRIMP COMPRESSION TYPE BY THOMAS AND BETT OR APPROVED EQUIVALENT, INSTALLED AND INSULATED PER THE MANUFACTURER'S RECOMMENDATIONS. ALL WIRE ENDS SHALL BE MARKED FOR EASY IDENTIFICATION AND TRACING.

28. JUNCTION AND PULL BOXES: FOR INTERIOR DRY LOCATIONS, BOXES SHALL BE GALVANIZED ONE-PIECE, DRAWN STEEL, KNOCKOUT TYPE WITH REMOVABLE MACHINE SCREW SECURED COVERS. FOR OUTSIDE, DAMP, OR SURFACE LOCATIONS, BOXES SHALL BE HEAVY CAST ALUMINUM OR CAST IRON WITH REMOVABLE GASKETS, NON-FERROUS MACHINE SCREW SECURED COVERS. BOXES SHALL BE SIZED FOR THE NUMBER AND SIZES OF CONDUCTORS AND CONDUIT ENTERING THE BOX AND EQUIPPED WITH PLASTER EXTENSION RINGS WHERE REQUIRED. BOXES SHALL BE LABELED TO INDICATE PANEL AND CIRCUIT NUMBER, OR TYPE OF SIGNAL OR COMMUNICATIONS SYSTEM.

29. ALL OUTDOOR ELECTRICAL DEVICES OR EQUIPMENT SHALL BE OF WEATHERPROOF TYPE.

30. ALL EQUIPMENT, MONOPOLE, FRAME, CABLE TRAY AND ANTENNA GROUND WIRE CONNECTIONS TO GROUND BUSSES SHALL BE MADE WITH CRIMP TYPE COMPRESSION CONNECTIONS TO CONDUCTORS (MINIMUM 2 HOLE LUGS WITH FULL BOWLING). BUSSES SHALL BE PRE-DRILLED TO ACCOMMODATE ALL CONNECTIONS.

31. ALL GROUNDING SHALL BE PER N.E.C. SECTION 250 AND 810 AND THE GROUNDING REQUIREMENTS OF THESE DRAWINGS.

32. ALL GROUND WIRE CONNECTIONS BETWEEN GROUND BUSSES AND OTHER GROUND BUSSES AND GROUND RODS SHALL BE DOWNELS.

33. ALL METALLIC GROUND WIRE CONDUIT SHALL BE GROUNDING TO THE GROUND WIRE USING SET SCREW CONNECTIONS AT CONDUIT END CAPS AND CRIMP CONNECTIONS AT WIRE.

34. COAT ALL BOLTED LUG & BUSSES GROUND CONTACT SURFACES WITH KPR-SHIELD, NO-OX, OR EQUAL, PRIOR TO ASSEMBLY.

35. MAIN CIRCUIT BREAKER SHALL BE RATED FOR STANDARD A.I.C. RATING HIGHER THAN NOMINEE A.I.C.

36. ALL EQUIPMENT SHALL BE UL LISTED.

37. ALL EQUIPMENT SHALL BE BRANED FOR STANDARD A.I.C. RATING HIGHER THAN INCOMING FROM UTILITY COMPANY.

38. ALL CORING CLEARANCES SHALL BE FIELD VERIFIED AND ALL CONDUIT ROUTING SHALL BE COORDINATED WITH PROPERTY OWNERS REPRESENTATIVE.

39. ALL CONNECTIONS TO EXISTING MAIN SWITCHGEAR INCLUDING "BUS-TAP" AND/OR "TIE-TAP" REQUIRE CERTIFICATION AND APPROVAL. FABRICATION AND CERTIFICATION SHALL BE FURNISHED BY A CONTRACTOR APPROVED BY THE APPLICABLE UTILITY.

40. CONTRACTOR SHALL COORDINATE WORK WITH UTILITY COMPANIES FOR FINAL AND EXACT WORK AND MATERIAL REQUIREMENTS. CONSTRUCT TO UTILITY COMPANIES ENGINEERING PLANS AND SPECIFICATIONS ONLY.

41. ALL BROCHURES, OPERATION MANUALS, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE TURNED OVER TO THE PROJECT MANAGER AT THE COMPLETION OF WORK.

42. SWITCHES AND RECEPTACLES AS SPECIFIED ON FLOOR PLANS.

1. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE POINT OF CONNECTION, CONDUIT ROUTE, INSTALLATION DETAILS AND SPECIFIC PROJECT PARAMETERS WITH THE LOCAL TELEPHONE COMPANY. POINT OF CONTACT (SPOC) PRIOR TO BEGINNING ANY WORK IN THE FIELD.

2. THE PROJECT ADDRESS AND ANY SPECIFIC UNIT NUMBER MUST BE PROVIDED TO THE LOCAL TELEPHONE COMPANY SPOC MINIMUM 1 WEEK PRIOR TO FINAL INSPECTION TO AVOID DELAY IN INSTALLATION OF SERVICE.

3. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND FACILITIES AS SHOWN AND DETAILED ON THE PLANS AS REQUIRED FOR 11 SERVICE AND A SINGLE POLE LINE TO THE BITS FACILITY.

4. THE TELEPHONE TERMINAL BACKBOARD SHALL BE 30"x6"-0"x3/8" THICK FIRE RATED PLYWOOD SHAVED AND FINISHED WITH FIRE RATED PAINT, MOUNT BACKBOARD BOTTOM AT 8" A.F.F., PROVIDE MINIMUM 12" CLEARANCE FROM POWER ON THE SAME WALL AND 4" MINIMUM CLEARANCE FROM ADJACENT OR OPPOSITE WALLS. VERIFY WIDTH.

5. CONDUIT SPECIFICATIONS SHALL BE AS FOLLOWS:

6. GENERAL: ALL TELEPHONE SERVICE CONDUIT SHALL RUN FROM POLE, WALL, PULL-BOX, MANHOLE OR OTHER POINT OF CONNECTION ESTABLISHED BY THE LOCAL TELEPHONE COMPANY SPOC AND SHALL RUN CONTINUOUS TO AN EDGE OF THE TELEPHONE TERMINAL BACKBOARD.

8. UNDERGROUND CONDUIT AND BENDS SHALL BE MINIMUM 4" DIAMETER SCHEDULE 40 PVC. TRENCH DEPTH SHALL PROVIDE FOR MINIMUM 24" COVER OVER CONDUIT. CONDUIT RUN SHALL BE NO MORE THAN 200 FEET IN LENGTH OR HAVE NO MORE THAN (2) 90° BENDS (OR EQUIVALENT) BETWEEN PULL BOXES.

c. ABOVE GROUND CONDUIT AND CONDUIT INSIDE BUILDINGS SHALL BE DAT WITH FITTINGS AS NOTED IN ELECTRICAL NOTES. PROVIDE A 1/4" APPROXIMATED 18" HIGH x 10" DEEP WEATHER RESISTANT NEMA 3R RATED PULL BOX ON ALL ABOVE GROUND CONDUIT RUNS AT INTERVALS NOT TO EXCEED 100 FEET OR (2) 90° BENDS (OR EQUIVALENT).

6. OVERHEAD EXTERIOR FEEDS SHALL BE 4" DIAMETER RIGID GALVANIZED CONDUIT WITH A WEATHERHEAD OF A TYPE AND AT A HEIGHT APPROVED BY LOCAL TELEPHONE COMPANY SPOC (MINIMUM 30 FEET ABOVE FINISHED GRADE).

6. A 1-1/4" DIAMETER DRAINAGE INTER-DUCT SHALL BE PROVIDED IN ALL TELEPHONE SERVICE CONDUIT.

7. A MINIMUM 3/8" YELLOW POLYPROPYLENE PULL ROPE SHALL BE INCLUDED IN EVERY INTER-DUCT WITH A SEPARATE 3/8" YELLOW POLYPROPYLENE PULL ROPE INSIDE THE CONDUIT, NOT INSIDE THE INTER-DUCT.

8. THE ELECTRICAL CONTRACTOR SHALL VERIFY AVAILABILITY OR SHALL PROVIDE A NEW 120V POWER SOURCE MINIMUM 12" FROM TELEPHONE TERMINAL BACKBOARD.

9. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A #8 SOLID INSULATED COPPER GROUND WIRE FROM A GROUND SOURCE APPROVED BY THE LOCAL TELEPHONE COMPANY SPOC MINIMUM STANDARD SOURCE SHALL BE A 5/8" DIAMETER x 6'-0" LONG COPPER CLAD STEEL GROUND ROD.

10. ALL WIRING SHALL BE DONE BY THE LOCAL TELEPHONE COMPANY UNLESS OTHERWISE NOTED.

11. ALL TELEPHONE CONDUIT SHALL BE LABELED AT DESIGNATED TELEPHONE COMPANY.

**TELEPHONE SPECIFICATIONS** 1

1. UTILITY POINTS OF SERVICE AND WORK / MATERIALS SHOWN ARE BASED UPON PRELIMINARY INFORMATION PROVIDED BY THE UTILITY COMPANIES AND ARE FOR BID PURPOSES ONLY.

2. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR FINAL AND EXACT WORK / MATERIALS REQUIREMENTS AND CONSTRUCT TO UTILITY COMPANY ENGINEERING PLANS AND SPECIFICATIONS ONLY. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, PULL ROPES, CABLES, PULL BOXES, CONCRETE ENCASEMENT OF CONDUIT (IF REQUIRED), TRANSFORMER PAD, BARRIERS, POLE BUSES, TRECHING, BACKFILL, PAY ALL UTILITY COMPANY FEES AND INCLUDE ALL REQUIREMENTS IN SCOPE OF WORK.

3. UTILITY CONTRACTS FOR THIS PROJECT SHALL BE AS FOLLOWS:

POWER:	TELEPHONE:
T&B	T&B
.	.
CONTACT NAME	CONTACT NAME
CONTACT NUMBER	CONTACT NUMBER

**ELECTRICAL SPECIFICATIONS**



2700 WATT AVENUE, 3473-34  
SACRAMENTO, CA 95821

WESTERN NEVADA COLLEGE  
FA NO. 15456809

2201 W COLLEGE PKWY,  
CARSON CITY, NV 89703

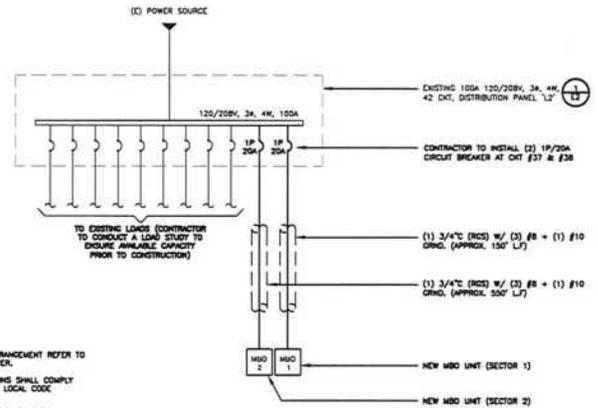


8000 KOLL CENTER PARKWAY, SUITE 229  
PLEASANTON, CA 94506  
TEL: (925) 468-0113 FAX: (925) 468-0255

**3 UTILITIES NOTES** 2

REV.	DATE	DESCRIPTION	BY	CHK.
1	5/24/21	ISSUED FOR DESIGN REVIEW	JK	

SHEET TITLE	
ELECTRICAL & TELEPHONE SPECIFICATIONS & UTILITIES NOTES	
SHEET	DRIP NO.
E1	P21AT011
SITE NAME	
WESTERN NEVADA COLLEGE	



- NOTES:**
1. FOR COMPLETE INTERNAL WIRING AND ARRANGEMENT REFER TO DRAWINGS PROVIDED BY PANEL MANUFACTURER.
  2. ALL SERVICE EQUIPMENT AND INSTALLATIONS SHALL COMPLY WITH THE N.E.C. AND UTILITY COMPANY AND LOCAL CODE REQUIREMENTS.
  3. SUBCONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE EQUIPMENT WITH FAULT CURRENT RATINGS GREATER THAN THE AVAILABLE FAULT CURRENT FROM THE POWER UTILITY.
  4. POWER CONTROL AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG AND LARGER), 90% OIL RESISTANT THIN OR THIN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90 DEGREE CELSIUS (NET & DRY) OPERATIONS LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED.

**PANEL SCHEDULE (EXISTING PANEL J)**

1

A.I.C.	(E) PANEL L2												MAIN	100	
30,000	120/208V, 3-PHASE, 4-WIRE												BUS		
DESCRIPTION	WATTAGE			LTS	REC	MSC	CB			LTS	WATTAGE			DESCRIPTION	
	A	B	C				P/A	CRC	CRC		P/A	A	B		C
RESTROOM LIGHTS							1P / 20A	1	2	1P / 20A				FIRE ALARM CABINET	
N.E. CHAIR LIFT							1P / 20A	3	4	1P / 20A				VENDING MACHINE	
VENDING MACHINE							1P / 20A	5	6	1P / 20A				VENDING MACHINE	
VENDING MACHINE							1P / 20A	7	8	1P / 20A				VENDING MACHINE	
VENDING MACHINE							1P / 20A	9	10	1P / 20A				(OFF) SPARE	
RESTROOM EXHAUST FAN							1P / 20A	11	12	1P / 20A				DRINKING FOUNTAIN	
ROOF RECEPTACLE							1P / 20A	13	14	1P / 15A				(OFF) SPARE	
SPARE							1P / 20A	15	16						
CRAWL SPACE LIGHTS							1P / 20A	17	18	1P / 15A				AC UNIT ON ROOF	
(OFF) SPARE							1P / 20A	19	20					SPACE	
COND PUMP							1P / 20A	21	22						
E ENTRANCE RECEPTACLES							1P / 20A	23	24	1P / 20A				(OFF) SPARE	
E ENTRANCE DOOR POWER							1P / 20A	25	26						
UNKNOWN							1P / 20A	27	28	1P / 20A				R INFORMATION DESK	
SPACE								29	30						
(OFF) SPARE							1P / 20A	31	32	1P / 20A				NIGHT GATEWAY POWER	
(OFF) SPARE							1P / 20A	33	34	1P / 20A				SECURITY OFFICE NETWORK	
(OFF) SPARE							1P / 20A	35	36	1P / 20A				(OFF) SPARE	
SPACE								37	38	1P / 20A	1	360		(N) AT&T MBO SECT. 1	
SPACE								39	40	1P / 20A	1	360		(N) AT&T MBO SECT. 2	
SPACE								41	42					SPACE	
PHASE SUB-TOTALS	0	0	0									360	360	0	PHASE SUB-TOTALS
	A	360										1.00	A		PHASE TOTALS
PHASE TOTALS (WATTS)	B	360										1.00	B		(AMPS)
	C	0										0.00	C		
PANEL TOTAL (WATTS)			720									2.00			ADDITIONAL PANEL TOTAL (AMPS)

1. ALL CIRCUIT BREAKERS AND/OR FUSES SHALL BE FULLY RATED TO WITHSTAND THE MAXIMUM AVAILABLE FAULT CURRENT INDICATED.

2

**PANEL SCHEDULE (EXISTING PANEL L2)**

UNUSED



WESTERN NEVADA COLLEGE  
FA NO. 15456809

2201 W COLLEGE PKWY,  
CARSON CITY, NV 89703



**DELTA GROUPS  
ENGINEERING, INC.**  
CONSULTING ENGINEERS

8800 HOLL CENTER PARKWAY, SUITE 225  
PLEASANTON, CA 94366  
TEL: (925) 488-0115 FAX: (925) 488-0255

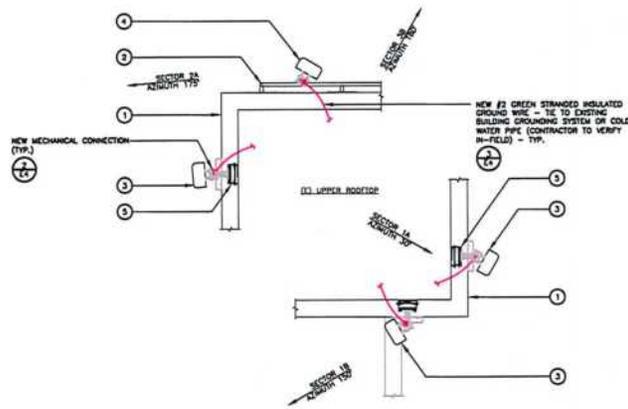
REV	DATE	DESCRIPTION	BY	CHK
1	8/24/21	ISSUED FOR DESIGN REVIEW		

ONE-LINE DIAGRAM & PANEL SCHEDULE

SHEET	SHEET NO.
E2	P2 LAT011
	SITE SCALE
	WESTERN NEVADA COLLEGE

**KEY NOTES:**

- ① EXISTING BUILDING PARAPET WALL (TYP.)
- ② EXISTING STEEL GUARDRAIL (TYP.)
- ③ NEW AT&T PANEL ANTENNA (MANUF.: COO; MODEL: HPA-ESR-BUA-H4; SIZE: 48.3"(1214.4")WIDE; WT: 32.3 LBS.) - PIPE MOUNTED TO EXISTING BUILDING WALL (PAINT TO MATCH EXISTING BUILDING)
- ④ NEW AT&T PANEL ANTENNA (MANUF.: COO; MODEL: HPA-ESR-BUA-H4; SIZE: 48.3"(1214.4")WIDE; WT: 32.3 LBS.) - PIPE MOUNTED TO EXISTING BUILDING GUARDRAIL
- ⑤ NEW AT&T HRO UNIT #1 (MANUF.: NOKIA; MODEL: FLEJ 300G; SIZE: 8.7"(221.3")WIDE; WT: 24.2 LBS.) - WALL-MOUNTED ROOF "CIGARETTE SHOP" (MOUNTED MANUFACTURER SPECIFICATIONS (PAINT TO MATCH EXISTING BUILDING))



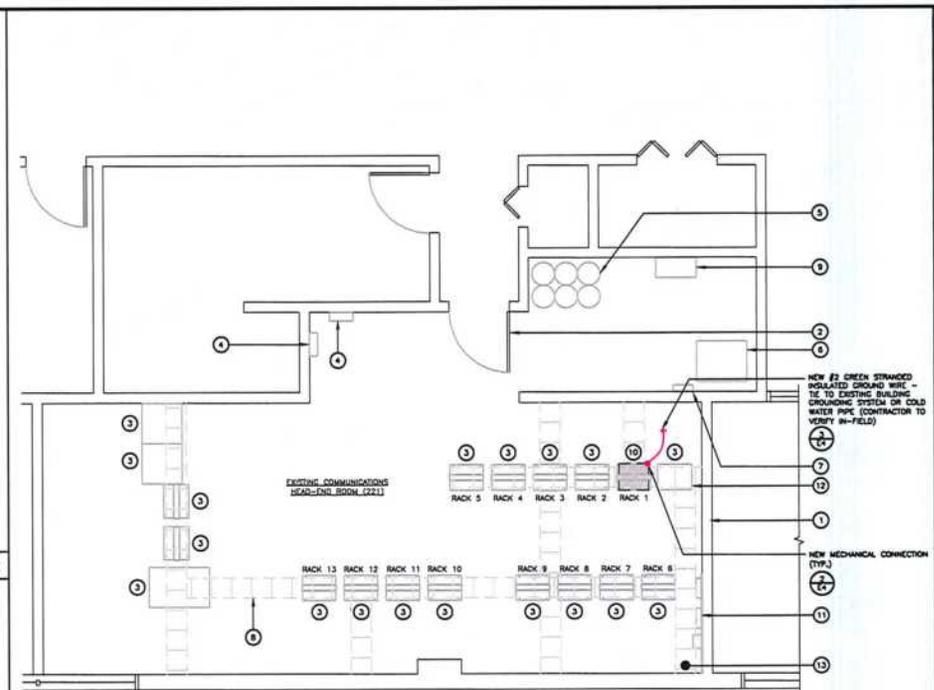
**NOTES:**

1. DO NOT SCALE DRAWINGS. ALL DIMENSIONS OF AND BETWEEN EXISTING BUILDINGS/STRUCTURES, OR RELATIVE DISTANCES AS SHOWN BETWEEN EXISTING BUILDINGS/STRUCTURES AND THE TRUE NORTH ARE TO BE CONFIRMED BY THE SURVEYOR.

2. PLAN IS A DIAGRAM - CONTRACTOR TO VERIFY EXACT CABLE/CONDUIT ROUTING W/ LANDLORD AND AND AT&T CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

**ANTENNA GROUNDING PLAN**

SCALE: 3/8 inch = 1 ft 2



**KEY NOTES:**

- ① EXISTING BUILDING (TYP.)
- ② EXISTING ACCESS DOOR (TYP.)
- ③ EXISTING EQUIPMENT RACK/CABINET (TYP.)
- ④ EXISTING WALL-MOUNTED PANEL
- ⑤ EXISTING FIRE SUPPRESSION SYSTEM
- ⑥ EXISTING TRANSFORMER
- ⑦ EXISTING MANUAL SHUT-OFF SWITCH
- ⑧ EXISTING OVERHEAD CABLE LADDER (TYP.)
- ⑨ EXISTING WALL-MOUNTED EQUIPMENT
- ⑩ EXISTING EQUIPMENT RACK (RACK 1) - LOCATION OF NEW TELCO EQUIPMENT (SARH) - CONTRACTOR TO PROVIDE POWER CHORD FROM NEW SARH TO EXISTING TRIST LOCK - VERIFY IN-FIELD)
- ⑪ EXISTING TELCO BACKBOARD - LOCATION OF EXISTING TELCO CENR (TELO P.O.C.)
- ⑫ NEW (1) 1/4" INHERDUCT FOR NEW TELCO ROUTING ALONG EXISTING OVER HEAD CABLE LADDER FROM TELCO P.O.C. TO NEW AT&T TELCO EQUIPMENT
- ⑬ NEW (1) 1/4" INHERDUCT FOR FIBER FROM NEW TELCO EQUIPMENT TO ANTENNA LOCATIONS AT ROOFTOP ABOVE (REFER TO SHEET A2 FOR CONTINUATION)



**NOTES:**

1. DO NOT SCALE DRAWINGS. ALL DIMENSIONS OF AND BETWEEN EXISTING BUILDINGS/STRUCTURES, OR RELATIVE DISTANCES AS SHOWN BETWEEN EXISTING BUILDINGS/STRUCTURES AND THE TRUE NORTH ARE TO BE CONFIRMED BY THE SURVEYOR.

2. PLAN IS A DIAGRAM - CONTRACTOR TO VERIFY EXACT CABLE/CONDUIT ROUTING W/ LANDLORD AND AND AT&T CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

**EQUIPMENT GROUNDING PLAN**

SCALE: 3/8 inch = 1 ft 2

UNUSED

2700 WATT AVENUE, 3473-34  
SACRAMENTO, CA 95821

WESTERN NEVADA COLLEGE  
FA NO. 15456809

2201 W COLLEGE PKWY,  
CARSON CITY, NV 89703

DELTA GROUPS  
ENGINEERING, INC.  
CONSULTING ENGINEERS

8900 HILL CENTER PARKWAY, SUITE 225  
PLEASANTON, CA 94566  
TEL: (925) 488-0115 FAX: (925) 488-0335

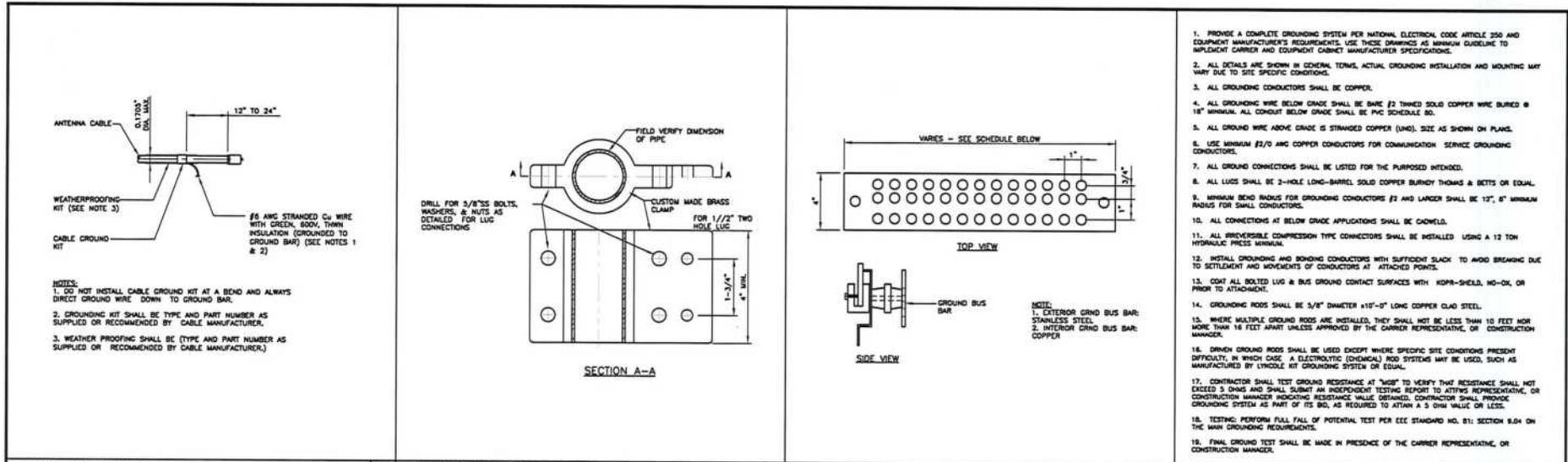
REV.	DATE	DESCRIPTION	BY	CHK.
1	8/24/21	ISSUED FOR DESIGN REVIEW	JK	

LOWERY STUDENT CENTER & CIVIL BLDG.  
EQUIPMENT & ANTENNA GROUNDING PLANS

SHEET: E3

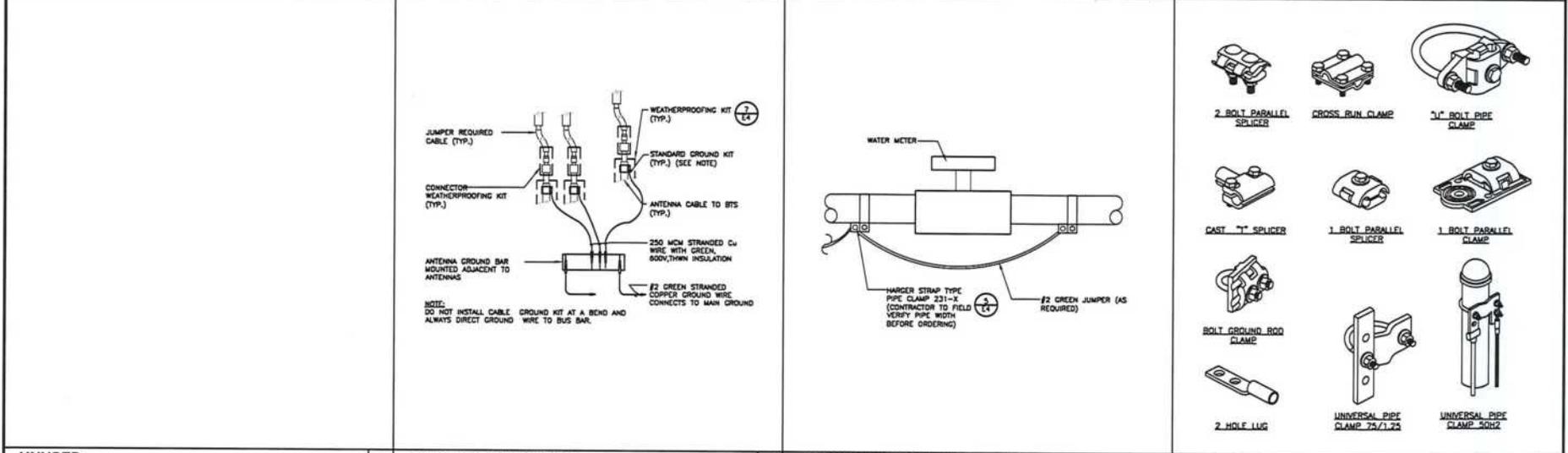
DISK NO.: P21A1011

SITE NAME: WESTERN NEVADA COLLEGE



1. PROVIDE A COMPLETE GROUNDING SYSTEM PER NATIONAL ELECTRICAL CODE ARTICLE 250 AND EQUIPMENT MANUFACTURER'S REQUIREMENTS. USE THOSE DRAWINGS AS MINIMUM GUIDELINE TO IMPLICATE CARRIER AND EQUIPMENT CABINET MANUFACTURER SPECIFICATIONS.
2. ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION AND MOUNTING MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
3. ALL GROUNDING CONDUCTORS SHALL BE COPPER.
4. ALL GROUNDING WIRE BELOW GRADE SHALL BE #2 THINNED SOLID COPPER WIRE BURED @ 18" MINIMUM. ALL CONDUIT BELOW GRADE SHALL BE PVC SCHEDULE 80.
5. ALL GROUND WIRE ABOVE GRADE IS STRANDED COPPER (LUGS). SIZE AS SHOWN ON PLANS.
6. USE MINIMUM #2/0 AWG COPPER CONDUCTORS FOR COMMUNICATION SERVICE GROUNDING CONDUCTORS.
7. ALL GROUND CONNECTIONS SHALL BE LISTED FOR THE PURPOSES INTENDED.
8. ALL LUGS SHALL BE 2-HOLE LONG-BARREL SOLID COPPER BURNED THOMAS & BETTS OR EQUAL.
9. MINIMUM BEND RADIUS FOR GROUNDING CONDUCTORS #2 AND LARGER SHALL BE 12", 8" MINIMUM RADIUS FOR SMALL CONDUCTORS.
10. ALL CONNECTIONS AT BELOW GRADE APPLICATIONS SHALL BE CABLED.
11. ALL IRREVERSIBLE COMPRESSION TYPE CONNECTORS SHALL BE INSTALLED USING A 12 TON HYDRAULIC PRESS MINIMUM.
12. INSTALL GROUNDING AND BONDING CONDUCTORS WITH SUFFICIENT SLACK TO AVOID BREAKING DUE TO SETTLEMENT AND MOVEMENTS OF CONDUCTORS AT ATTACHED POINTS.
13. COAT ALL BOLTED LUG & BUS GROUND CONTACT SURFACES WITH KOPR-SHIELD, WD-OIL, OR PRIOR TO ATTACHMENT.
14. GROUNDING RODS SHALL BE 3/8" DIAMETER x10'-0" LONG COPPER CLAD STEEL.
15. WHERE MULTIPLE GROUND RODS ARE INSTALLED, THEY SHALL NOT BE LESS THAN 10 FEET NOR MORE THAN 16 FEET APART UNLESS APPROVED BY THE CARRIER REPRESENTATIVE, OR CONSTRUCTION MANAGER.
16. DRIVEN GROUND RODS SHALL BE USED EXCEPT WHERE SPECIFIC SITE CONDITIONS PRESENT DIFFICULTY, IN WHICH CASE, A ELECTROLYTIC (CHEMICAL) ROD SYSTEMS MAY BE USED, SUCH AS MANUFACTURED BY LYNOLITE KIT GROUNDING SYSTEM OR EQUAL.
17. CONTRACTOR SHALL TEST GROUND IMPEDANCE AT "TOP" TO VERIFY THAT RESISTANCE SHALL NOT EXCEED 5 OHMS AND SHALL SUBMIT AN INDEPENDENT TESTING REPORT TO AT&T'S REPRESENTATIVE, OR CONSTRUCTION MANAGER INDICATING RESISTANCE VALUE OBTAINED. CONTRACTOR SHALL PROVIDE GROUNDING SYSTEM AS PART OF ITS BID, AS REQUIRED TO ATTAIN A 5 OHM VALUE OR LESS.
18. TESTING: PERFORM FULL FALL OF POTENTIAL TEST PER IEEE STANDARD NO. 81; SECTION 8.04 ON THE MAIN GROUNDING REQUIREMENTS.
19. FINAL GROUND TEST SHALL BE MADE IN PRESENCE OF THE CARRIER REPRESENTATIVE, OR CONSTRUCTION MANAGER.

GROUNDING KIT 7 GROUNDING PIPE CLAMP 5 EQUIPMENT BUS BAR 3 GENERAL GROUNDING NOTES



UNUSED 2 ANTENNA GROUNDING 6 GROUND TO COLD WATER PIPE MECHANICAL CONNECTIONS 2



WESTERN NEVADA COLLEGE  
FA NO. 15456809  
2201 W COLLEGE PKWY,  
CARSON CITY, NV 89703



REV	DATE	DESCRIPTION	BY	CHK
1	8/25/21	ISSUED FOR DESIGN REVIEW	JK	

SHEET TITLE	
GENERAL GROUNDING NOTES, AND GROUNDING DETAILS	
SHEET	SHEET NO.
E4	P21AT011
SITE NAME	
WESTERN NEVADA COLLEGE	

## **TRIBAL AND NHO INVOLVEMENT**

### **(TCNS Entry and Notice of Organizations)**

ECA made notification through the FCC Tower Construction Notification System (TCNS) in order to identify Indian Tribes and NHOs that may attach religious and cultural significance to Historic Properties that may be affected by the tower project within the APE for direct or visual effects. All Tribes that have expressed an interest in the proposed undertaking and requested a copy of this submission packet will be provided a copy, with the exception of those Tribes that have elected to receive no documentation. All interested Tribes will be provided an opportunity to comment in accordance with the FCC's rules. Copies of all relevant documents received to date, including correspondence, are provided in the following pages.

## Environmental Corporation of America (ECA)

### TRIBAL INVOLVEMENT SUMMARY

Site Name: Western Nevada College		Site Number: 15456809		NOO Date: 9/24/2021			
TCNS #: 238096		ECA Project#: X1568		ECA PM: ENH			
NOO #	Tribal Entity Name	Date of Document Submittal	Method of Delivery	Email Address	Date of FCC Escalation	Tribal Response Date	Tribal Response
1	Eastern Shoshone Tribe		Electronic (Website)	<a href="mailto:jmann@easternshoshone.org">jmann@easternshoshone.org</a>			
2	Reno-Sparks Indian Colony		Electronic and Mail	<a href="mailto:meben@rsic.org">meben@rsic.org</a>			
3	Washoe Tribe of Nevada & California		Electronic	<a href="mailto:darrel.cruz@washoetribe.us">darrel.cruz@washoetribe.us</a>			
4	Kalbab Band of Paiute Indians		Electronic and Mail	<a href="mailto:dbullets@kaibabpaiute-nsn.gov">dbullets@kaibabpaiute-nsn.gov</a>			
5	Skull Valley Band of Goshute		Electronic and Mail	<a href="mailto:candaceb@svgoshutes.com">candaceb@svgoshutes.com</a>			
6	Northwestern Band of Shoshone Nation		Electronic	<a href="mailto:Northwesternbandshoshonetcnsf@outlook.com">Northwesternbandshoshonetcnsf@outlook.com</a> ; <a href="mailto:garymontana@montanaandassociates.com">garymontana@montanaandassociates.com</a>			

## Elyse Hoganson

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**From:** towernotifyinfo@fcc.gov  
**Sent:** Wednesday, September 15, 2021 8:49 AM  
**To:** tribal.notify  
**Subject:** Proposed Tower Structure Info - Email ID #7875610

Dear Dina M Bazzill,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 09/15/2021

Notification ID: 238096  
Tower Owner Individual or Entity Name: AT&T Mobility, LLC  
Consultant Name: Dina M Bazzill  
Street Address: 1375 Union Hill Industrial Court, Suite A  
City: Alpharetta  
State: GEORGIA  
Zip Code: 30004  
Phone: 770-667-2040  
Email: tribal.notify@eca-usa.com

Structure Type: BANT - Building with Antenna on top  
Latitude: 39 deg 11 min 8.5 sec N  
Longitude: 119 deg 47 min 27.7 sec W  
Location Description: 2201 West College Parkway  
City: Carson City  
State: NEVADA  
County: CARSON CITY

Detailed Description of Project:  
Ground Elevation: 1495 meters  
Support Structure: 11.6 meters above ground level  
Overall Structure: 13.1 meters above ground level  
Overall Height AMSL: 1508.1 meters above mean sea level

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This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

## Elyse Hoganson

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**From:** towernotifyinfo@fcc.gov  
**Sent:** Friday, September 24, 2021 3:01 AM  
**To:** tribal.notify  
**Cc:** tcnsweekly@fcc.gov  
**Subject:** NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7878910

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO Josh Mann - Eastern Shoshone Tribe - (PO Box: 538) Fort Washakie, WY - jmann@easternshoshone.org - 307-335-2081 - electronic mail

Exclusions: Thank you for the recent submittal regarding your TCNS project. Based on the location of your proposed project, the Eastern Shoshone Tribe does have an interest in this project as required by the mandates expressed in 36 CFR 800, EO 13175, and the FCC Programmatic Agreement as Traditionally Associated Peoples (TAPs) and a sovereign nation legal responsibility for heritage preservation on ancestral homelands. Please utilize our ESTHPO website for online submittals. Our website address is: <http://www.esthpo.com>. Please navigate to our Services page. On the services page there will be a Submittal button under the Section 106 Consultation literature. The submittal button will navigate you to the upload page where can submit relevant project files for our consultation review.

Your submission should include:

- Appropriate SHPO determination or response letter
- Cultural Resource Report and or Archaeological Survey Report
- Photographic project site documentation
- Topographic or Quadrangle Maps
- Site Plans/Construction Drawings
- FCC Forms 620 and 621
- Lat/Long Coordinates for the proposed project.
- Project Coordinator Contact Information

Our 30-day review period will commence once all project details have been submitted into our online database. If you have any questions, please feel free to contact the Eastern Shoshone THPO: Joshua Mann, jmann@easternshoshone.org or by phone at: (307) 335-2081 or Shaylynn Durgin, sdurgin@easternshoshone.org or by phone at: (307) 335-2081. Thank you for consulting with the Eastern Shoshone Tribe.

The ancestors of the Eastern Shoshone Tribe lived a long and storied history across several states on their westward journey from the Western area to present-day Wyoming. This journey, confirmed by tribal oral history, ethnographies, and archaeological evidence, took place over multiple generations and through the present-day states of North Dakota, South Dakota, Nebraska, Kansas, Colorado, Wyoming, Montana, Idaho, Washington, Oregon, California, Utah, Nevada, Arizona, New Mexico and Texas. Significant historical resources throughout this region include major sacred sites including burial sites, occupation areas, medicinal plant and resource collection areas, and other significant traditional cultural properties (TCPs). Therefore, based on the location of your proposed project, the Eastern Shoshone Tribe does have an interest in this proposed project and are requesting to be consulted on this proposed project as required by the mandates expressed in 36 CFR 800, EO 13175, and the FCC National Programmatic Agreement as traditionally associated peoples (TAPs) and a sovereign nation with legal responsibility for heritage preservation on ancestral homelands.

2. THPO Michon R Eben - Reno-Sparks Indian Colony - 34 Reservation Road Reno, NV - meben@rsic.org - 775-785-1326 - electronic mail and regular mail

3. THPO Darrel Cruz - Washoe Tribe of Nevada & California - 919 Highway 395 South Gardnerville, NV - darrel.cruz@washoetribe.us - 775-546-3421 - electronic mail

If the applicant/tower builder receives no response from the Washoe Tribe of Nevada & California within 30 days after notification through TCNS, the Washoe Tribe of Nevada & California has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Washoe Tribe of Nevada & California in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

4. Environmental Program Director Daniel Bulletts - Kaibab Band of Paiute Indians - HC65, Box 02 Fredonia, AZ - dbulletts@kaibabpaiute-nsn.gov - 928-643-7245 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Kaibab Band of Paiute Indians within 30 days after notification through TCNS, the Kaibab Band of Paiute Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Kaibab Band of Paiute Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. Chairman Candace Bear - Skull Valley Band Goshute - 1198 N Main St Tooele, UT - candaceb@svgoshutes.com; candaceb@svgoshutes.com - 435-882-4532 - electronic mail and regular mail  
Exclusions: Montana And Associates LLC does not contract for Skull Valley Band of Goshute any longer. Thank you.

If the applicant/tower builder receives no response from the Skull Valley Band Goshute within 30 days after notification through TCNS, the Skull Valley Band Goshute has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Skull Valley Band Goshute in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. Attorney Montana & Associates LLC - Northwestern Band of Shoshone Nation - N 12923 N. Prairie Rd Osseo, WI - Northwesternbandshoshonetcnsfcc@outlook.com; garymontana@montanaandassociates.com - 715-597-6464 - electronic mail

Exclusions: Northwestern Band of Shoshone as of 2/19/2020 will not be reviewing colocations of antennas on buildings.

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic

Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

7. Deputy SHPO William Collins - Arizona State Parks - 1300 West Washington Phoenix, AZ - wcollins@pr.state.az.us - 602-542-4174 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 09/15/2021  
Notification ID: 238096  
Excluded from SHPO Review: No  
Tower Owner Individual or Entity Name: AT&T Mobility, LLC  
Consultant Name: Dina M Bazzill  
Street Address: 1375 Union Hill Industrial Court, Suite A  
City: Alpharetta  
State: GEORGIA  
Zip Code: 30004  
Phone: 770-667-2040  
Email: tribal.notify@eca-usa.com

Structure Type: BANT - Building with Antenna on top  
Latitude: 39 deg 11 min 8.5 sec N  
Longitude: 119 deg 47 min 27.7 sec W  
Location Description: 2201 West College Parkway  
City: Carson City  
State: NEVADA  
County: CARSON CITY  
Detailed Description of Project:  
Ground Elevation: 1495.0 meters  
Support Structure: 11.6 meters above ground level  
Overall Structure: 13.1 meters above ground level  
Overall Height AMSL: 1508.1 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

<https://www.fcc.gov/wireless/available-support-services>

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,  
Federal Communications Commission

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This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

## LOCAL GOVERNMENT INVOLVEMENT

Please see the relevant pages within FCC Form 621 for a list of all local government agencies contacted and a summary of contact. Copies of all relevant documents, including correspondence and legal notices, are provided in the following pages.



## ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

Carson City Historic Resources Commission  
201 N. Carson Street  
Carson City, NV 89701

September 24, 2021

**Subject: Proposed Installation of Telecommunications Equipment  
On a 38-Foot Tall Existing Building  
Western Nevada College (FA# 15456809)  
2201 West College Parkway  
Carson City, Nevada  
ECA Project No. X1568**

To Whom It May Concern,

AT&T Mobility, LLC is proposing to install new telecommunications equipment at an approximate overall height of 43 feet on an existing 38-foot building. The proposed undertaking includes the installation of four (4) antennas, and associated equipment on an existing building located at 2201 West College Parkway, Carson City, Nevada (N39° 11' 8.5"; W119° 47' 27.7"). **A map is included for your reference.** In accordance with the Federal Communications Commission (FCC) regulation at 47 C.F.R. 1.1307(a)(4), we are providing notice to you and seeking any comments that you may have regarding the effect of the proposed action described above on **Historic Properties** in your community. Please note that a **historic property** is defined in Section II.A.9. of the FCC's 2004 Nationwide Programmatic Agreement as any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the **National Register of Historic Places (NRHP)**. Based on your level of interest in the project, you may wish to become a consulting party. *This notice is not intended to supplant any local zoning or permitting requirements but is necessary before we can request review of the action by the State Historic Preservation Office (SHPO)*

We welcome any comments that you may have regarding any **Historic Properties listed on or eligible for listing on the NRHP** that may be affected by the undertaking. Please direct your comments to Annamarie Howell, Environmental Corporation of America, 1375 Union Hill Industrial Court, Suite A, Alpharetta, Georgia 30004, 770-667-2040 x 405 or via email to [publicnotice@eca-usa.com](mailto:publicnotice@eca-usa.com). As we would like to submit the project to the SHPO for review as soon as possible, we request that you provide any documents that you may have within 30 days. Thank you for your cooperation.

Sincerely,

**Environmental Corporation of America**

*Elyse Hoganson*  
Elyse Hoganson, MHP  
Project Manager

*Laurel Bartlett*

Laurel Bartlett, PhD  
Principal Investigator



Notes

Proposed Installation of Telecommunications Equipment  
On a 38-Foot Tall Existing Building  
Western Nevada College (FA# 15456809)  
2201 West College Parkway  
Carson City, Nevada  
ECA Project No. X1568



## **PUBLIC INVOLVEMENT**

### **(Legal Notices, Letters, or Public Meetings)**

Please see the relevant pages within FCC Form 621 for a list of all relevant organizations contacted and a summary of contact. Copies of all relevant documents, including correspondence and legal notices, are provided in the following pages.

## Subject Name: Collocation of Antennas on Existing Building / Client Reference: X1568-2

### Notice Type

Miscellaneous

### InkLynk Notice ID

52167

### Ad Number

Not Yet Provided

### Notice Created

09/17/2021 12:08 PM

### Run Dates

09/27/2021

### Newspaper

Nevada Appeal

### County, State

CARSON CITY, NV

### Status

QUOTE REQUESTED

Documents

Payment/Receipt

Audit Log

Notes

[Download Notice Document](#)

Download Your Original Notice Document

When the notice completes the affidavit will be available

### Original Notice Text

AT&T Mobility, LLC is proposing to install new telecommunications equipment at an approximate overall height of 43 feet on an existing 38-foot building located at 2201 West College Parkway, Carson City, Nevada (N39° 11' 8.5"; W119° 47' 27.7"). AT&T Mobility, LLC invites comments from any interested party on the impact the proposed undertaking may have on any districts, sites, buildings, structures, or objects significant in American history, archaeology, engineering, or culture that are listed or determined eligible for listing in the National Register of Historic Places under National Historic Preservation Act Section 106. Comments may be sent to Environmental Corporation of America, ATTN: Annamarie Howell, 1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004 or via email to [publicnotice@eca-usa.com](mailto:publicnotice@eca-usa.com). Ms. Howell can be reached at (770) 667-2040 x 405 during normal business hours. Comments must be received within 30 days of the date of this notice. X1568/ENH



SHPO Resource #:  
Other Resource #:

Rev. 2017



NEVADA  
**STATE HISTORIC  
PRESERVATION OFFICE**

### Architectural Resource Assessment (ARA) Form

For SHPO Use Only	SHPO Concurrence?: Y / N	Date:
Survey Date 9/7/2021	Recorded By Elyse Hoganson	Agency Report # X1568

**1. Property Type**

Building <input checked="" type="checkbox"/>	Structure <input type="checkbox"/>	Object <input type="checkbox"/>	Landscape (non-archaeological site) <input type="checkbox"/>
--	------------------------------------	---------------------------------	--

**2. Property Overview and Location**

Street Address	2201 West College Parkway		
City, Zip	Carson City, 89703		
County	N/A		
Assessor's Parcel #	00752101	Subdivision Name	N/A
UTM Location (NAD 83, UTM Zone 11 North)		Easting: 258934	Northing: 4341095
USGS Info	Township: 15N	Range: 19E	Section: 12 USGS 7.5' Quad & Date: Carson City, NV (1994)
Ownership	Private <input type="checkbox"/>	Public-Local <input type="checkbox"/>	Public-State <input checked="" type="checkbox"/> Public-Federal <input type="checkbox"/> Multiple <input type="checkbox"/>
Should the property's location be kept confidential?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

**3. Architectural Information**

*(Insert primary photograph below.)*

Construction Date	1974
Architectural Style	Masonry Vernacular Education Building
Architectural Type	<b>Educational Facility</b>
Roof Form	Flat
Roof Materials	Commercial Rubber Roll
Exterior Wall Materials	Concrete Panel
Foundation Materials	Concrete
Window Materials	Metal
Window Type	Rectangular, Fixed, Single Pane
Accessory Resources?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Number?:



Condition of Resource(s)?
Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/>
Explanation:

**4. NRHP Eligibility - Existing Listings, Districts, & Potential Districts**

Is the property listed in the National Register?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	If yes, provide:	Date Listed:
				NRIS #:
Contributing to a listed historic district?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	If yes, provide:	NRIS #:
			Name:	
			Date listed:	
If no, is there a potential district?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	If so, is the potential district eligible for the NRHP?	Yes <input type="checkbox"/> No <input type="checkbox"/>
			If so, is this resource contributing?	Yes <input type="checkbox"/> No <input type="checkbox"/>
District Name:			SHPO #:	

*Note: A resource that is contributing to a National Register-eligible district is considered eligible for the National Register for the purposes of project review, even though the resource itself may not be individually eligible.*

SHPO Resource #:  
Other Resource #:

Rev. 2017

**5. NRHP Eligibility - Individual**

*If not already listed, complete the information below:*

Eligible Under:	Criterion A <input type="checkbox"/>	Criterion B <input type="checkbox"/>	Criterion C <input type="checkbox"/>	Criterion D <input type="checkbox"/>
	Not Eligible <input checked="" type="checkbox"/>	Unevaluated <input type="checkbox"/>		
Area(s) of Significance	Community Development, Education			
Period(s) of Significance	1974			
Integrity – Does the resource possess integrity in all or some of the 7 aspects?				
Location <input checked="" type="checkbox"/>	Design <input checked="" type="checkbox"/>	Materials <input checked="" type="checkbox"/>	Workmanship <input checked="" type="checkbox"/>	Setting <input checked="" type="checkbox"/> Feeling <input checked="" type="checkbox"/> Association <input checked="" type="checkbox"/>
General Integrity:	Intact <input checked="" type="checkbox"/>	Altered <input type="checkbox"/>	Moved <input type="checkbox"/>	Date(s):
Threats to Resource:	None			
Historic Name	Bristlecone Building			
Current/Common Name	Bristlecone Building			
Historic/Original Owner	Board of Regents, Western Nevada College			
Current Owner	Board of Regents, Western Nevada College			
Current Owner Address	2601 Enterprise Rd, Reno, NV 89512			
Historic Building Use	Education			
Current Building Use	Education			
Architect/Engineer/Designer	Unknown			
Builder/Contractor	Unknown			

**6. Narrative Eligibility Justification**

*Provide a detailed explanation of the resource's eligibility for the National Register, including supporting historic information, methods for evaluation under the four criteria, discussion of the seven aspects of integrity, and conclusions about eligibility.*

Carson City, Nevada was first founded as a community in 1858 and was named for the famous frontiersman and scout Christopher "Kit" Carson. Carson City was designated both the territorial capital and county seat of Ormsby County. Nevada gained statehood in 1864 after President Lincoln recognized the importance of Nevada's silver and gold to the Union's Civil War effort. Carson City became a freight and transportation center after gold and silver were discovered on the nearby Comstock Lode in 1859. The Comstock mines provided Carson City with most of its economic growth until its decline beginning in the 1880s. The V&T railroad was completed between Carson City and Virginia City in 1869, and when the Comstock mines reached their peak production in 1874, 36 trains passed through Carson City each day. Traffic through Carson City sharply declined when the Southern Pacific railroad built a branch line connecting with the C & C railroad, bypassing the V&T. Carson City's population peaked again in 1960, and in 1969 Ormsby County was merged into Carson City to consolidate government services.

Western Nevada College was established in September 1971, and, though the college had no designated buildings, classes were held in community spaces from Reno to Hawthorne, including the Tahoe Basin. The Carson City campus opened in 1974 while the Fallon and Douglas campus opened in 1981 and 1997, respectively.

The Bristlecone Building was the first designated campus building and was constructed in 1974. The building is a one-story, irregular plan, steel and concrete education building and is largely composed of concrete panels sheltered beneath a metal paneled fascia and flat roof. Overall, it is a typical example of a mid-to-late twentieth century masonry vernacular education building. The Subject Building is not observed to embody the distinctive characteristics of a type, period, or method of construction, represent the work of a master, or embody high artistic values (Criterion C). The Bristlecone Building functions primarily as an administrative support building and classroom space. Based on the historic context, no information was uncovered to suggest the property is associated with events that have made a significant contribution to broad patterns of our history (Criterion A), lives of persons significant in our past (Criterion B), or that it has yielded, or may be likely to yield information important in history or prehistory (Criterion D). Due to the lack of historic and architectural significance, it is the opinion of ECA that the Subject Building is not eligible for listing in the NRHP.

SHPO Resource #:  
Other Resource #:

Rev. 2017

### 7. Narrative Architectural Description

*Provide a detailed description of the resource, including all character defining features, potential construction methods, potential alterations (both historic and non-historic), and any accessory resources.*

The Bristlecone Building was constructed in 1974 with the establishment of Western Nevada College's Carson City campus. The building is a one-story, steel and concrete education building and is largely composed of beige concrete panels sheltered beneath a brown metal paneled fascia and flat roof. The Bristlecone Building is largely irregularly shaped with the main entrance oriented on the eastern facade. The windows are fixed metal-framed rectangular single panes. The flat roof includes several solar panels and the roofing material is commercial-grade rubber roll. The irregular footprint, flat roof, and simple concrete-panel construction are common construction features of mid to late twentieth century education buildings. Overall, it is a typical example of a mid-to-late twentieth century masonry vernacular education building.

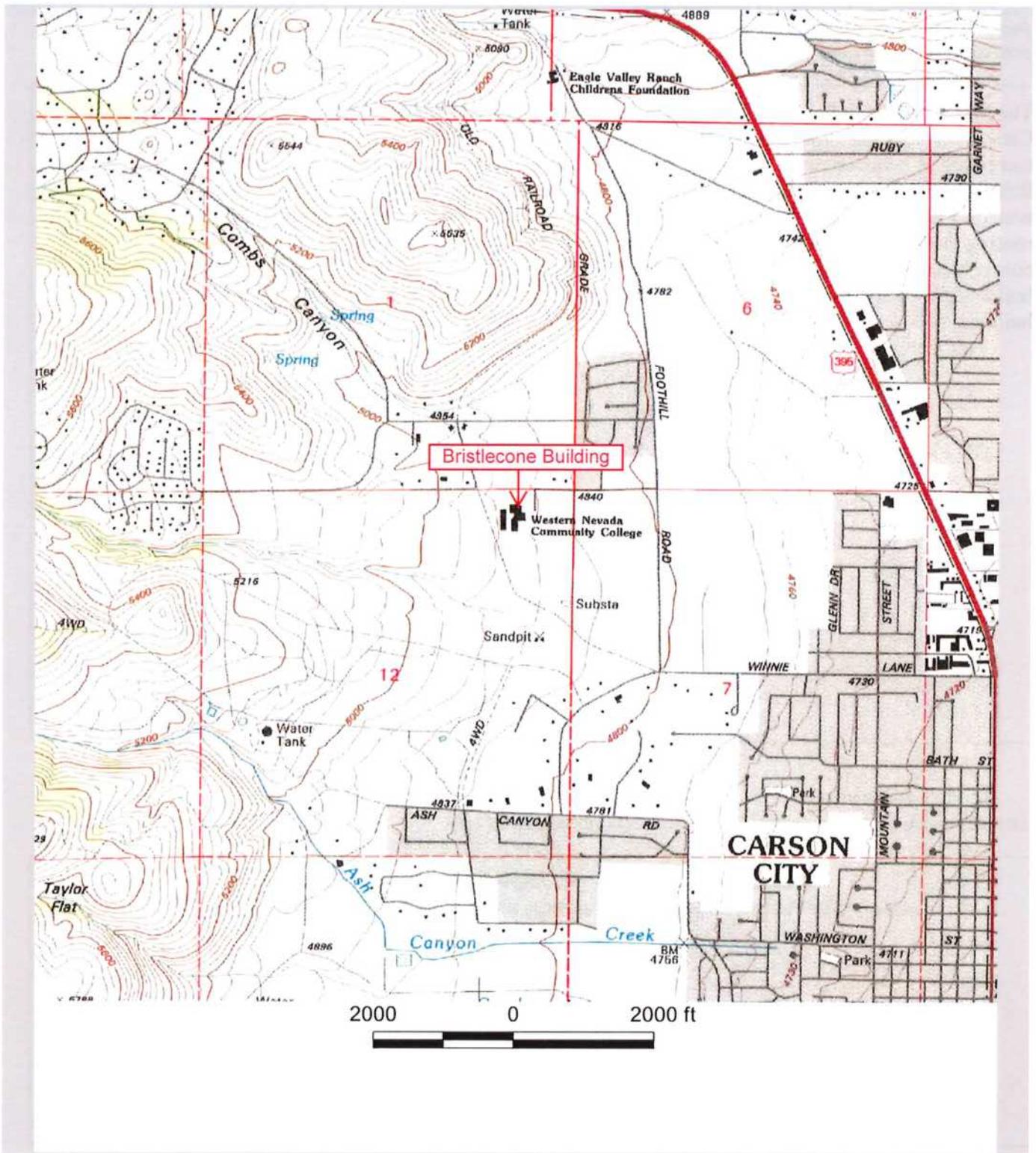
### 8. References

*List references used to research and evaluate the individual property.*

Western Nevada College. <https://www.wnc.edu/>. Accessed September 2021.  
Carson City History. <https://www.carson.org/our-city/history>. Accessed September 2021.

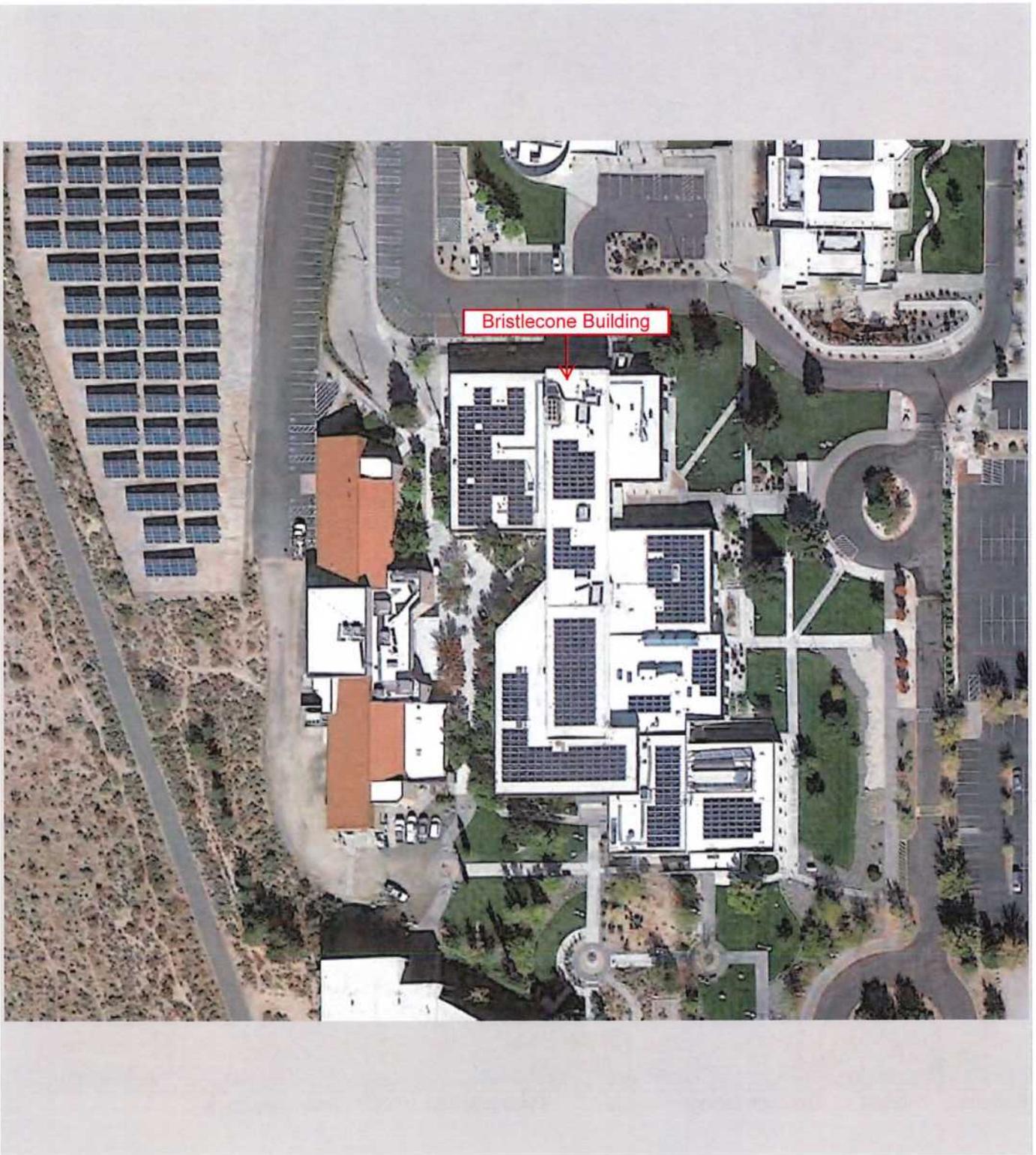
9. Area Location Map

Use a USGS quadrangle map at large extent to show general area of resource.



**10. Site Plan Map**

*Use aerial imagery, drafting software, or a hand-drawn sketch (to scale) showing, at minimum, building/structure footprints and relationship to associated features. Attach extra maps if needed.*



**11. Photographs**

*Include as many photographs as needed to accurately depict the resource.*



Elevation: 4906ft Direction facing: SW Photographer: Google Date: July 2018



Elevation: 4906ft Direction facing: SW Photographer: Google Date: July 2018

**12. Accessory Resources**

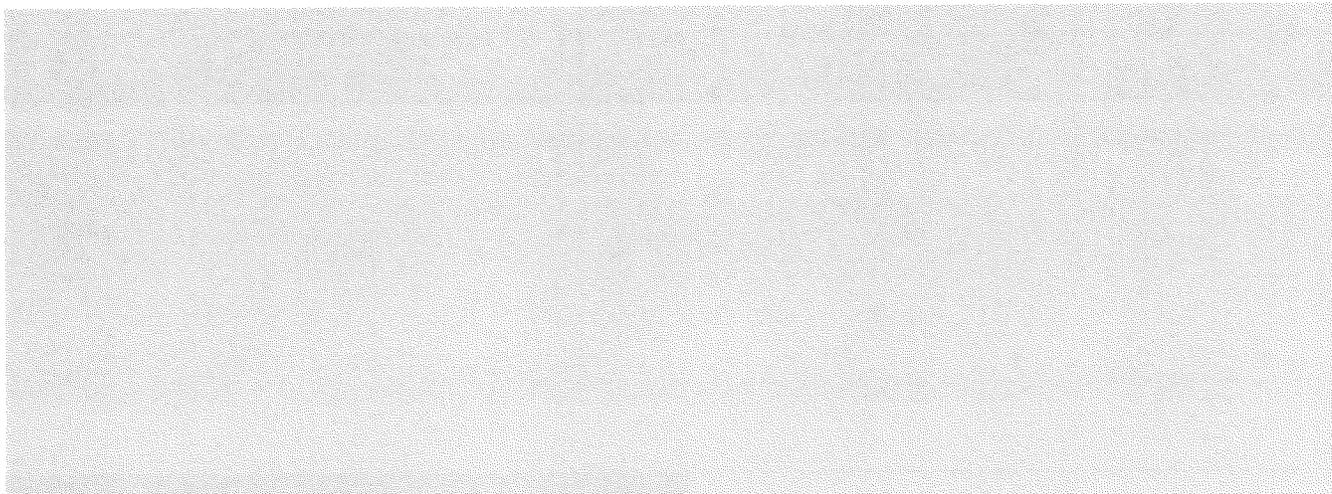
Complete only if Accessory Resources are present. Include as many extra entries as necessary.

**Accessory Property Type**

Building <input type="checkbox"/>	Structure <input type="checkbox"/>	Object <input type="checkbox"/>	Landscape (non-archaeological site) <input type="checkbox"/>
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**Accessory Resource Overview**

Accessory Resource Name			
Construction Date		Contributing?	Yes <input type="checkbox"/> No <input type="checkbox"/>
UTM (NAD 83, UTM Zone 11 North)	Easting:	Northing:	



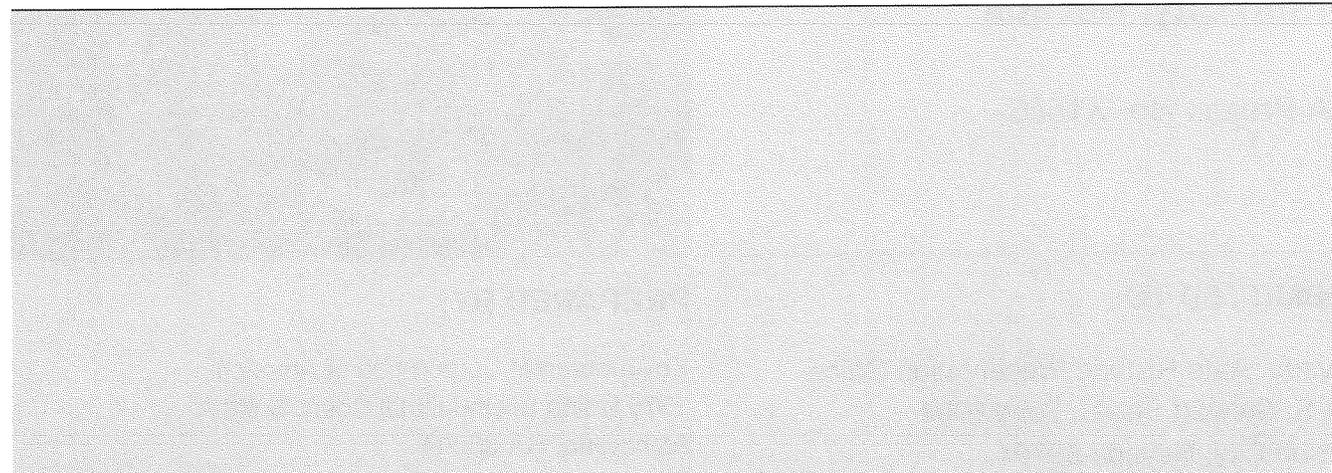
Elevation:                      Direction facing:                      Photographer:                      Date:

**Accessory Property Type**

Building <input type="checkbox"/>	Structure <input type="checkbox"/>	Object <input type="checkbox"/>	Landscape (non-archaeological site) <input type="checkbox"/>
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**Accessory Resource Overview**

Accessory Resource Name			
Construction Date		Contributing?	Yes <input type="checkbox"/> No <input type="checkbox"/>
UTM (NAD 83, UTM Zone 11 North)	Easting:	Northing:	



Elevation:                      Direction facing:                      Photographer:                      Date:



# ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

## Section 106 Review

TCNS ID 238096

Proposed Installation of Telecommunications Equipment  
On a 38-Foot Tall Existing Building

**Western Nevada College  
(FA# 15456809)**

**2201 West College Parkway  
Carson City, Nevada**

ECA Project No. X1568



### **SUBMITTED TO:**

Nevada State Historic Preservation Office  
901 S. Stewart Street, Suite 5004  
Carson City, Nevada 89701

### **PREPARED BY:**

Environmental Corporation of America  
1375 Union Hill Industrial Court, Suite A  
Alpharetta, GA 30004