

<b>Community Planning &amp; Development Services</b> City of Rapid City 300 Sixth Street, Rapid City, SD 57701-2724 Phone: (605) 394-4120    Fax: (605) 394-6636    Web: www.rcgov.org		<b>Historic Preservation 11.1 Review</b>
Date of Submission: _____		Time of Submission: _____
Location Address: <u>1755 Mt. Rushmore Road</u>		Year Constructed: <u>unknown</u>
Historic District: <input checked="" type="checkbox"/> West Boulevard Historic District <input type="checkbox"/> Environs of West Boulevard Historic District <input type="checkbox"/> Downtown Historic District <input type="checkbox"/> Environs of Downtown Historic District <input type="checkbox"/> Individually Listed Property <input type="checkbox"/> Environs of an Individually Listed Property		
Status: <input type="checkbox"/> Contributing <input checked="" type="checkbox"/> Non-Contributing		
Type: <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential		
Brief description of project request: <u>The AGC of South Dakota and The RC School Dist. are requesting a total re-build of the pergolas in Wilson Park next to the convenience store. (2)</u> <u>This project will be built by RC High School Tech Ed students and const. industry volunteers. Tech Ed teachers will supervise. This project is meant to bring attention to the shortage of young people entering the construction/manufacturing industry with exposure.</u>		
Shannon Caperton/Kristi Barber Applicant (if different from owner) <input type="checkbox"/> Owner <input type="checkbox"/> Architect <input checked="" type="checkbox"/> Contractor	(605) 381-8699 Phone Number P.O. Box 2320 Street Address	(605) 341-3446 Fax Number Rapid City, SD 57709 City, State, Zip Code
<u>Shannon Caperton Kristi Barber</u> Applicant's Signature	<u>4/21/14</u> Date	
_____ Owner	_____ Phone Number	_____ Fax Number
_____ Owner's Signature (*Required*)	_____ Street Address	_____ City, State, Zip Code
_____ Date		
Applications must be submitted to the Community Planning & Development Services Department by <u>4:00 p.m. Thursday one week prior to the 1st and 3rd Friday</u> of the month. <b>All required information must be submitted with the application. Incomplete applications will not be processed.</b> Historic Preservation Commission meetings are held on the 3rd floor in the West Community Room of the City/School Administration Building, 300 6th Street, at 7:30 a.m. the 1st and 3rd Friday of each month. <b>A representative must be present at the meeting or the application may be denied.</b>		
<u>May 2nd 2014</u> Date of Meeting		<u>14C11006</u> Application File #

CONSTRUCTION SUMMIT 2014  
Associated General Contractors of SD  
4/16/14

WHEN: June 23 – 27, 2014 (Tentative)

WHERE: Central High School/Wilson Park

Committee:

Ben Holst – AGC of South Dakota  
Shannon Caperton – Hills Materials Company  
Kristi Barber – Glenn Barber & Associates, Inc.  
Curtis Bietz – Central High School  
Jason Reub – Stevens High School  
Steve Wynia – BH State University  
Lon VanDeusen – Rapid City Parks Dept.  
Scott Anderson – Rapid City Parks Dept.  
Jared Shippers – Albertson Engineering

The AGC of South Dakota has put together a Workforce Development Committee to address the shortage of young people choosing careers in the Construction and Manufacturing industries. The above group is a sub-committee concentrating on the Potential Workforce, specifically high school students. Several area contractors are volunteering time and materials to insure this project is a success.

SCHEDULE:

Project is reconstruction of pergolas (arbors) at Wilson Park.

Students will be covered by Rapid City School District's insurance as this would be considered an internship. (This is per Dr. Tim Mitchell, RC School Superintendent)

Mike Albertson of Albertson Engineering has volunteered his firm to complete the plans and specifications required for this project. Plans and Specs will have to be approved by the West Boulevard/SD Historic Preservation Committee and the City Engineer's Office.

Proper permits will have to be in place before construction can begin.

Materials will have to be ordered and delivered to the shop at Central. Demolition of the old pergolas will be done with a local contractor and the group.

The largest percentage of work will actually take place in the shop at Central High School. The new lattice walls will be constructed and painted in the shop and then transported to Wilson Park for installation. This will help to lessen any interference with events being held at the park.

Time frame is one – two weeks.

Notes:

- a. OSHA 10 Hour certification will be taught by Ben Holst with the AGC and incorporated throughout the week. At the end of the training, each student will receive a certification card.
- b. PPE (personal protective equipment) will be worn by all members of the crew at all times during construction. Hard hats, high visibility vests and safety glasses will be provided at no cost to the crews.
- c. Signed parental permission slips will be required before a student is allowed to participate.
- d. Students will sign a "Notice of Commitment" for the Academy.
- e. A brief safety meeting will be held each morning to go over the day's schedule, the risks involved and how it can be completed as safely as possible.
- f. Lunch each day will be provided for the crew as well as water throughout the day.
- g. Bathrooms are available at the park.
- h. With the proper documentation, Black Hills State University will be able to offer a credit hour to each student that completes the project and earns the certification from the teachers. These credit hours are \$40.00/credit and will be paid for by local industry.
- i. Teachers will be paid \$20.00/hr. for their time.
- j. Students will also receive a stipend at the end of the project.
- k. A brass plate will be placed on the finished project to recognize the students for their contribution to the City Parks Dept.
- l. 10 students maximum for this year.
- m. Hills Materials Company will provide a crew to help with the demolition and disposal of the old pergolas.
- n. Glenn Barber & Associates will provide as needed supervision/carpentry work.
- o. Bierschbach Equipment & Supply will provide work gloves for the students.
- p. Hard hats, high visibility vests and safety glasses will be provided by GBA, Hills, Bierschbach & Mainline.
- q. Mainline Contracting, Inc. has volunteered a flatbed with an operator to move the finished pergolas from Central High School back to Wilson Park for installation.

**2014 CONSTRUCTION ACADEMY BUDGET – Based on two week project – ten students**

	<u>Debit</u>	<u>Credit</u>
AGC Donation	\$7,300.00	
Teacher's Salary		\$3,200.00
Student Stipend		\$1,000.00
Credit Hours (\$40.00/student)		\$ 400.00
Lunches (\$5.00/person)		\$1,000.00
Water		\$ 200.00
Advertising		\$ 0.00
(I am hoping we can get this donated)		
Plans and Specifications (Volunteered)		\$ 0.00
Permits (City)		\$ 0.00
Materials (?)		\$ 0.00
Contingency Money		\$1,500.00
Total	\$7,300.00	\$7,300.00

## WILSON PARK PERGOLA PROJECT

### List of Materials

#### Wood –

1. Structural 2x wood components have been designed as Spruce-Pine-Fir (SPF) or Hem-Fir (HF) No. 2 or better and shall have the following minimum allowable fiber stresses and properties:

Modulus of Elasticity (E)	1,300,000 PSI
Bending (Fb)	850 PSI
Shear (Fv)	70 PSI

2. Wood in contact with concrete or masonry shall be protected or pressure treated in accordance with ATC-109.
3. Bolts in wood are machine bolts, unless otherwise noted on plans. Machine bolts shall have a shank dia. Within 1/64" of that specified. Bolts are ASTM 307 steel, bolt holes in wood shall be 1/32" oversize. Where steel is connected to wood, holes in steel shall be 1/16" oversize. Provide standard cut washers under head and nut where bearing is against wood.

#### Wood Framing Connectors –

1. Connector model numbers shown are "Strong Tie" connectors as manufactured by "Simpson Strong-Tie Co.", 1450 Doolittle Dr. P.O. Box 1568, San Leandro, CA 94577. Substitutions are acceptable only with the approval of the structural engineer.
2. All connectors shall be galvanized in accordance with ASTM-A653. Connectors in contact with pressure treated materials shall have G-185 coating. Connectors not in contact with treated materials shall have standard G-60 coating.
3. All screws and post bases shall be galvanized.

#### Paint –

1. All wood shall be primed with one coat of exterior wood latex primer and finished with two coats of exterior acrylic latex paint. Paint shall be touched up after pergola installation.