

409 Deadwood Avenue, PO Box 1400, Rapid City, SD 57709

(605) 721-3200

Fence Height Exception Alternative

Black Hills Power has explored alternative options to the standard chain-linked fence around the Fifth Street distribution substation. BHP proposes the use of a pre-casted concrete fence at that location to address the aesthetic concerns expressed by City representatives. At this point there are two fence manufacturers, Superior Concrete Products and Artisan Precast, that would be considered for the application. Black Hills Power would like to utilize this wall as shown in bold on the attached sheet. BHP requests that the chain-linked fence on the South lots remain in place as shown on the attached sheet. The North and East entrances will require gates that will be suitable taking into consideration the concrete wall.

Fence Height Specifications

The pre-casted concrete wall will be at a minimum eight feet tall. The construction of the concrete sections does not allow for exact heights, and therefore the overall fence height will change slightly with the ground elevation.

The chain-linked fence consists of six foot of fabric with an additional foot of barbed wire.

Steven Dunn Black Hills Power 409 Deadwood Ave. Rapid City, SD 57702 (P) 605-721-2356 (F) 605-721-2323

RECEIVED

JUL 0 1 2009

Rapid City Growth
Management Department



Manufact Western Day Characteristics

Texas

What's New

Awards

Products

Certifications

Specifications

Offerings

Applications

Imaging Molds

Homeland Security

Employment

Developments Commercial/Utilities Municipal Residential

COMMERCIAL

Economically Sound

Superior Concrete Products' SUPERIOR-WOODú, SUPERIOR-BRICKú and SUPERIOR-STONEú wall systems deliver the benefits of brick or stone at less cost.

With the look of wood, brick or stone, Superior's systems are custom-made to match your specifications and requirements. The glass fiber and steel reinforced precast concrete wall and rail systems are precision-manufactured to provide a durable, reliable and maintenance-free product.



Turnkey Service



Working closely with your project managers, engineers and construction personal, Superior ensures a standard of excellence that will benefit both owner and neighborhood years to come. Superior will handle every aspect of the project from providing stamped and sealed drawings, obtaining permits through installation and customer service. Both the manufacturer and installer of the product, Superior guarantees high quality workmanship and service.

Approved Masonry Substitute

Most local authorities approve Superior's walls as a substitute for masonry construction. Where the local authorities may not be familiar with Superior's products, we will work with you and the agency to



assist in the approval process. Manufactured and designed to blend with the local environment, Superior's walls are as permanent and attractive as hand-laid brick or stone but much more cost-effective.



Advantages for Commercial and Industrial Projects

- Permanent screening walls that meet local code requirements for wind load, sound attenuation and aesthetics quality
- Long history of satisfied clients, neighborhoods and municipalities
- Performs better than wood. More attractive than chainlink.
 Costs less than brick or stone
- Cost efficiency helps speed bidding process. Preliminary estimates provided with no obligation
- Speed of construction and installation helps meet completion deadlines
- No continuous foundation required
- Deal with one contractor for turnkey service: design, engineering, permits, manufacture, installation and warranty
- Excellent screening qualities between commercial and residential properties
- Unaffected by freeze/thaw cycles
- Effective sound barrier to minimize noise transmission
- Fence products are designed, engineered, manufactured and installed to project specifications





Advantages for Utility Projects

- More cost-effective than poured concrete, brick or stone
- Quickly secures the perimeter around electrical substations, natural gas compressor stations and water storage faculties at a savings
- Permanent, aesthetically pleasing visual screens
- Satisfies both building authorities and budgetary requirements
- No continuous foundation required
- Meets code for decorative wall at less cost
- Meets wind loading requirements

Unique Benefits

Benefits add up to cost-effective projects that meet the needs and satisfaction of the community and owner.

- Durable, reliable and robust
- High quality workmanship
- One stop shop: one company for sales, design, engineering, manufacturing, installation and customer service
- Maintenance-free
- Easily customized to match project's decor
- Aesthetically pleasing satisfies neighbors and compliments neighborhood
- Warm appearance of wood, brick or stone
- Impervious to weather, water and termites
- Cannot rot or burn
- Color is permanent
- Security and strength of concrete
- Effective barrier against noise and wind
- Withstands ground movements
- Functional in all climates
- Simple, rapid and clean installation
- Installation requires no heavy equipment
- Modularized for future expansion
- 5-year limited warranty







09FV003



All Materials © 2007 Superior Concrete Products. All Rights Reserved. Disclaimer Specifications, features, technical data and color are based upon information available at time of posting and are subject to change without notice.

California



"The Preferred Precast Fence Company"

Home About Us

Locations

FAQ

Why Us

CADS & Specifications Login >

Endorsements

OUR BRANDS

FENCESTONE®

WOODCRETE®

WOODCRETE® RAIL

BRICKCRETE®

CEDARCRETE®

SMOOTHCRETE®

CHISELCRETE®

OTHER PRODUCTS

Concrete Fences

Concrete Walls

Precast Concrete

Concrete Forms

CUSTOMER TYPE

Architects

Contractors

Developers

Engineers

Fence Companies

Home Owner

Public Works

Utilities

Concrete Walls and Fences For Utility Companies Perimeter Security and Screening Walls



We Build Concrete Fences For Utility Companies

Utility companies regularly specify Artisan products for both the aesthetic benefits and perimeter security at electrical substations, compressor stations, booster stations, pump stations and lift stations, as well as water storage and natural gas facilities. Our systems offer permanence and noise reduction with cost effectiveness compared to poured-in-place concrete, stone or masonry. In addition, aesthetically pleasing Artisan products can be installed more quickly than traditional masonry walls. We work closely from specifications from initial design development to bidding through



installation to ensure that wall systems are properly executed within construction timetables.

As a result of Artisan Precast, numerous utility companies have been able to both screen and secure their properties and material yard at a fraction of the cost of traditional masonry walls,

Utility - Artisan Precast 09FV003

RESOURCES

Get Quote

Photo Gallery

Applications

Specifications

Flexible Uses

email us:

info@artisanprecast.com

1180 S. Beverly Dr.

Suite 608

Los Angeles, CA 90035

while maintaining the aesthetic integrity that both they and neighbors have come to expect. The quick installation of our precast screening and security walls directly minimizes the impact and disruption of any utility facilities.





Privacy | Terms | Concrete | Articles | Sitemap | Contact Us | Login

66696

ull Name:

ompany Name:

Enter the text written on the image:

Click here if you can't see the text well.

Request Information >

1180 S. Beverly Dr. Suite 608, Los Angeles, California 90035 Call Us: (800) 511-2747 ©2009 Artisan Precast, Inc.

Some of the benefits to our precast system are:

- Permanent security
- Flexible heights up to 20'
- Beautiful and warm look of brick, wood or stone
- Quick installation
- Easy component replacement in event of
- Ideal for earthquake and hurricane zones

Please visit our Photo Gallery to view some of our recent utility project installations.

