



**Stewart Facility**  
**5500 Snyder Avenue, Carson City, NV 89701**

**Request for Permission to Undertake Structural or Visual Alterations**

In accord with the requirements set forth in existing covenants,  
State Public Works Division (*name of agency*) is requesting written permission to undertake visual  
or structural alterations as described below:

**Building Number and Name: Building 89, Administration Nevada Department of Corrections**

**Building's Date of Construction: 1931**

**Supplementary Information:**

Please indicate if you have submitted the following--

- ☒ Written description of proposed work (*required; see second page*)
- ☒ Photographs of existing conditions (*required*)
- ☒ Sketches, plans, or architectural drawings depicting the proposed work
- ☒ Sketch or site plan of project location
- ☒ Specs of materials to be used
- ☒ Historic photographs depicting past condition or design
- ☐ Other

**Request Submitted by:**

Dustin Cheney

*Print name*

*Dustin Cheney*

*Signature*

**Agency – State Public Works Division**

**Title – Project Manager**

**Email address – dcheney@admin.nv.gov**

**Phone number – 775-684-4125**

**Date of Request: 1/4/2024**

Please allow up to 14 business days for this form to be processed. Proposed work must not begin until this form has been reviewed and approved by both the State Historic Preservation Office and the Nevada Indian Commission. In some cases, coordination with State Lands is also necessary. Per NRS 321.003, a state agency must also submit a Certification Request to the Nevada Division of State Lands before constructing a building or making other permanent improvements to state lands. This includes ground disturbance for site work and utilities. If your project requires a State

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Lands Certification, you will find the instructions on the Division of State Lands website under "Forms."

<http://www.lands.nv.gov/>

To expedite your project, the SHPO recommends coordinating with SHPO and State Lands concurrently.

*Please submit request form and supplementary materials to the State Historic Preservation Office, 901 S. Stewart St., Ste. 5004, Carson City, NV 89701-5248 or by email to [rlpalmer@shpo.nv.gov](mailto:rlpalmer@shpo.nv.gov).*

**REQUEST APPROVED BY:**

**SHPO -** \_\_\_\_\_  
*Print and sign name* *Date*

**Nevada Indian Commission -** \_\_\_\_\_  
*Print and sign name* *Date*

**\* Nevada Division of State Lands -** \_\_\_\_\_  
*Print and sign name* *Date*

**\* (If required)**

**Description of Proposed Work:**

Please provide a thorough written description of the proposed work, including—

- Location on building
- Approximate size of area affected
- Existing conditions
- Materials to be used
- Proposed methods (must follow the [Secretary of the Interior's Standards](#))

*(Use as many pages as needed)*

**This project will install fire sprinklers in the Nevada Division of Corrections (NDOC) Administration Building #89 located at the Stewart Facility, 5500 Snyder Avenue, Carson City, Nevada 89701. This building was constructed in 1931 and consists of masonry and wood construction with a tall 10-foot-high unheated attic space. The fire sprinkler system will be**

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constructed utilizing steel piping and consist of two zones, a wet system in conditioned spaces and a dry or antifreeze zone for unconditioned spaces. Minor alterations of the proposed “riser room” will consist of shelving removal, core drilling for system drain to exterior, and signage.

#### Location of Building:





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**Approximate size of area affected:**

This project will provide fire sprinklers throughout the 17,545 square foot area. Approximately 360 square feet of excavation will occur on the north side of the facility to provide underground fire water to the new fire riser.

**Existing Conditions:**



**North Elevation and Proposed Underground Piping Route**



**West Elevation**

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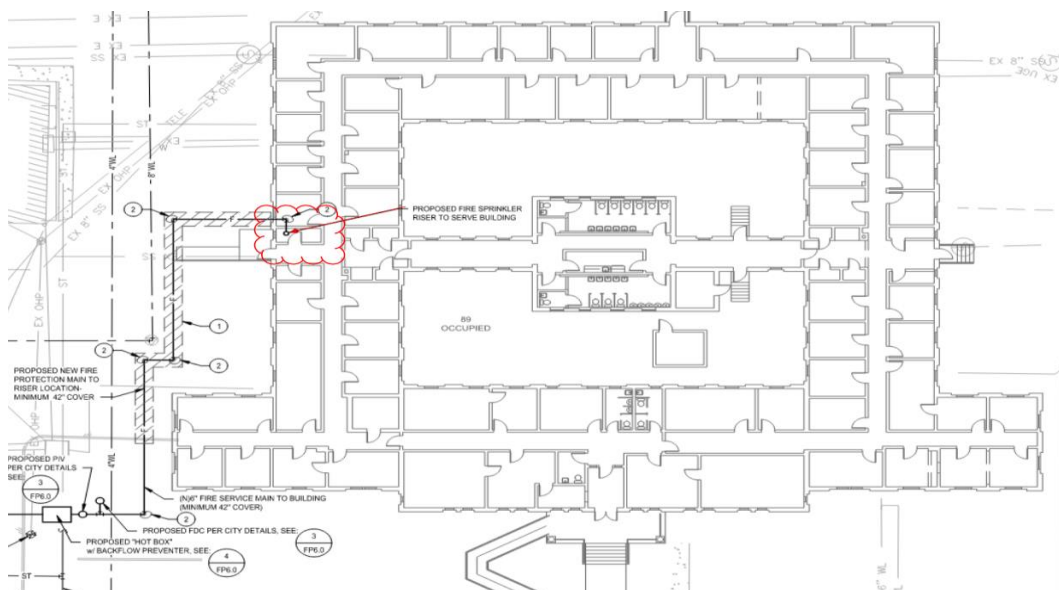
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**South Elevation**



**East Elevation**



**Site Plan**



**Materials to be used:**

2.1 SPRINKLERS

- A. Manufacturers:
  - 1. Viking.
  - 2. Grinnell.
  - 3. Central.
  - 4. Reliable.
  - 5. Victaulic.
  - 6. Substitutions: Section 01 30 00 - General Requirements.
  
- B. Suspended Ceiling Type:
  - 1. Type: Semi-recessed pendant type with matching escutcheon plate.
  - 2. Finish: Chrome plated.
  - 3. Escutcheon Plate Finish: Chrome plated.
  - 4. Fusible Link: Glass bulb type temperature rated for specific area hazard.
  
- C. Exposed Area Type:
  - 1. Type: Standard upright type.
  - 2. Finish: Brass.
  - 3. Fusible Link: Glass bulb type temperature rated for specific area hazard.
  
- D. Side wall Type:
  - 1. Type: Standard horizontal side wall type with matching escutcheon plate.
  - 2. Finish: Chrome plated.
  - 3. Escutcheon Plate Finish: Chrome plated.
  - 4. Fusible Link: Glass bulb type temperature rated for specific area hazard.
  - 5. Guards: Finish to match sprinkler finish.

2.1 DUCTILE IRON PIPE AND FITTINGS

- A. Ductile iron pipe, direct buried:
  - 1. Provide ductile iron pipe conforming to the requirements of AWWA C151, Pressure Class 350 for Pipe 4 inches through 12 inches in diameter with double thickness cement mortar lining interior, interior asphaltic seal coat, and exterior asphaltic coating, in accordance with AWWA and ANSI Standards.
  - 2. Below Grade: Supply pipe in lengths not in excess of a nominal 6.1 m (20 feet) with rubber ring type push-on joints, mechanical joint, or approved restrained joint. Provide mechanical and restrained joint pipe with sufficient quantities of accessories as required for each joint.
- B. Ductile Iron Pipe Above Grade or in Below Ground Concrete Pits:
  - 1. Flanged ductile iron pipe, AWWA C115, with factory applied screwed long hub flanges except as otherwise specified hereinafter. Provide flange joint pipe where shown on the drawings. Face and drill flanges after being screwed on the pipe, with flanges true to 90 degrees with the pipe axis and flush with end of pipe, ANSI B16.1, 861 kPa (125 psi) or 1724 kPa (250 psi) standard, for the purpose intended.
  - 2. Wall Sleeve Castings: Size and types shown on the drawings and as herein specified in paragraph LINK/SLEEVE SEALS.
  - 3. Pipe Thickness Class: Minimum of Class 53 as defined in AWWA C150 for all sizes of flanged pipe.
  - 4. Rubber Ring Gaskets: Full face type, AWWA C111, 1.6 mm (1/16 inch) rubber ring gaskets and of approved composition suitable for the required service.
  - 5. Bolts and Nuts on Flanged Fittings: Grade B, ASTM A307. Low alloy, high strength steel in accordance with AWWA C111. Assemble stainless steel bolts and nuts using anti-seize compound to prevent galling.
- C. All Pipe Fittings: Ductile iron with a minimum pressure rating of 350 psi. Fittings shall meet the requirements of ANSI and AWWA specifications as applicable. Rubber gasket joints shall conform to AWWA C111 for mechanical and push-on type joints. Flanged fittings shall conform to AWWA C115 and be furnished flat faced and drilled to 250 psi template in accordance with ANSI B16.1 with full faced gaskets.
- D. Provide cement mortar lining and bituminous seal coat on the inside of the pipe and fittings in accordance with AWWA C104. Provide standard asphaltic coating on the exterior.
- E. Provide a factory hydrostatic test of not less than 3.5 MPa (500 psi) for all pipe in accordance with AWWA C151.

**Proposed Methods:**

3.1 INSTALLATION

- A. Install in accordance with NFPA 13
- B. Install piping to minimize obstruction with other work.
- C. Install piping in concealed spaces above finished ceilings.
- D. Center sprinklers in two directions in ceiling tile and install piping offsets.
- E. Connect to wet pipe sprinkler system in accordance with NFPA 13.
- F. Install guards on sprinklers.
- G. Hydrostatically test entire system.
- H. Require test be witnessed by Authority having jurisdiction and owner's representative.

3.2 INTERFACE WITH OTHER PRODUCTS

- A. Verify devices are installed and connected to fire alarm system.

3.3 CLEANING

- A. Flush entire piping system of foreign matter.