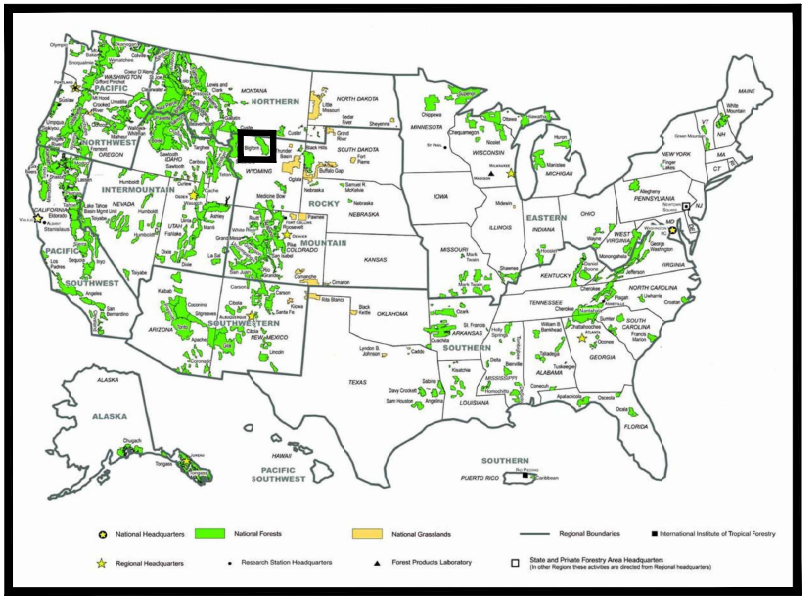
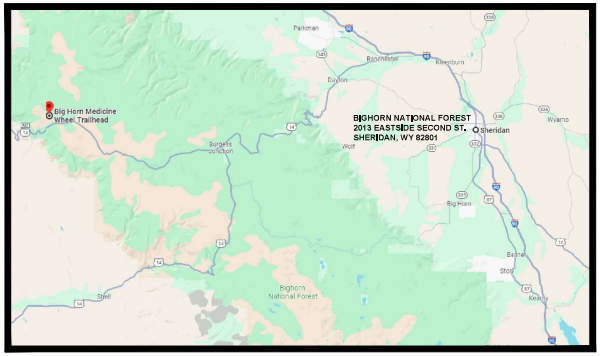
**United States Department of Agriculture**
**Forest Service**

**WYOMING**
**BIG HORN COUNTY**
**(R02) ROCKY MOUNTAIN REGION**
**BIGHORN NATIONAL FOREST**
**MEDICINE WHEEL RANGER DISTRICT**

# MEDICINE MOUNTAIN NATIONAL HISTORIC LANDMARK FENCING AND SITE IMPROVEMENTS




**FOREST LOCATION MAP**




**PROJECT LOCATION MAP**

TRAVEL DIRECTIONS:

FROM SHERIDAN, WYOMING, FOLLOW US INTERSTATE 90 WEST FOR 16.0 MILES TO RANCHESTER, WYOMING AND US HIGHWAY 14, FOR 30.9 MILES FOLLOW US HIGHWAY 14 FROM RANCHESTER, WYOMING TO BURGESS JUNCTION AND TAKE US HIGWAY 14-ALTERNATE FOR 21 MILES TO FSR 12 AND TRAVEL AN ADDITIONAL 1.7 MILES ON FSR 12 TO THE MEDICINE WHEEL NATIONAL HISTORIC MONUMENT PARKING LOT.

LATITUDE 44°49'24.13"N AND LONGITUDE 107°54'52.98"W.

## INDEX OF SHEETS


| SHEET | SHEET TITLE | DATE |
|---|---|---|
| 1 | COVERSHEET | 04/26/24 |
| 2 | GENERAL NOTES & STATEMENT OF ITEMS | 04/26/24 |
| 3 | LOCATION MAP | 04/26/24 |
| 4 | SITE PHOTOS 1 | 04/26/24 |
| 5 | SITE PHOTOS 2 | 04/26/24 |
| 6 | FENCING DETAILS | 04/26/24 |
| 7 | SITE ENTRANCE SIGN INSTALLATION | 04/26/24 |


**REVIEWED AND RECOMMENDED BY:**

CHRISTOPHER WOLFFING — Digitally signed by CHRISTOPHER WOLFFING Date: 2024.05.30 10:04:57 -06'00'
FOREST ENGINEER — DATE

**APPROVED BY:**

CHRISTOPHER WOLFFING — Digitally signed by CHRISTOPHER WOLFFING Date: 2024.05.30 10:05:23 -06'00'
FOREST STAFF OFFICER FOR ENGINEERING ACTIVITIES — DATE

**AND**

MARK FOSTER — Digitally signed by MARK FOSTER Date: 2024.05.30 14:40:33 -06'00'
DISTRICT RANGER — DATE



5/30/24 09:41 PETERRAKOWSKI C:\USERS\PETERRAKOWSKI\DROPBOX\7200\BUILDING\STRUCTURES\7210\BUILDING\SFA\CULTESB CURRENT PROJECT\2024 MEDICINE WHEEL REHABILITATION\PRECONSTRUCTION\MED WHEEL NHL - CADMED WHEEL FENCING.DWG;

GENERAL NOTES:

1. The existing information shown on subsequent drawings and photographs has been taken from limited field observations. The Contractor shall field verify all measurements, quantities and existing conditions prior to ordering construction materials and beginning work.

2. Prior to construction, a construction plan and schedule must be submitted by the contractor to the CO in writing.

3. Access to the Medicine Wheel for visitation must be maintained throughout the project.

4. Specifications - The specifications for this contract are contained within the Statement of Work and Forest Service Supplemental Specifications (FSSS). A copy of these specifications can be obtained from the project CO.

5. FENCE- The fence posts will be replaced at in-kind locations, alteration to location or deviations must be approved by CO. Every effort should be made to be within 2' (feet) longitudinal and 6'' (inches) laterally of existing post locations. Approved relocation will be staked on the ground by the COR.

6. Staging Area will be located on the west side of the lower parking area. Five-day notification of mobilization shall be provided to the CO in writing to mark area off limits to general public and provide notice at the site. Additional staging area will be located at the FSR 13 road entrance.

7. Project work hours are from legal sunrise to legal sunset for any given day of the calendar year. No night operations are authorized. Resource damage shall be limited to the project area and adherence to any forest road closures will be strictly enforced to protect resources.

8. Government Furnished Property - For each of the following Item Numbers, the corresponding materials will be provided at no charge to the contractor:

8.1. Item Number 5 - Qty 45, 8 inch diameter treated post, 8 foot in length will be provided for barriers. Require installation.

8.2. Item Number 6 - Qty 6, Signs

9. Reuse of hardware - The entrance gate hardware as specified on Sheet 4, shall be refurbished; See note 3 on Sheet 4 for details.

10. Utilities - Contractor use of publicly available outhouse may be permitted by CO. No water is available. One 20 amp GFCI electrical outlet, exterior to Building 3528 (Medicine Mountain Electronic Building) located at the lower parking area may be used.

11. Camping - Upon written request to the District Ranger, an area may be available for the Contractors use for camping and as a staging area for storage of materials and equipment.

12. Disposal of construction materials - Unused construction materials are the property of the Contractor. All fence, flag pole and sign material will become the property of the Contractor and disposed of off Forest at an appropriate location. This work is considered incidental to existing pay items; no separate payment will be made.

13. Flag pole - Shall be replaced in-kind.

STATEMENT OF ITEMS

| ITEM NO. | DESCRIPTION | PAY UNIT | QTY |
|---|---|---|---|
| 1 | Mobilization | LS | 1 |
| 2 | Fence Post Replacement | EA | 38 |
| 3 | Gate Rehabilitation and Hardware Revitalization | LS | 1 |
| 4 | Rope Installation | FT | 330 |
| 5 | OPTION-Barrier Installation (Government Furnished Materials-POST only) | EA | 48 |
| 6 | OPTION-Sign Installation (Government Furnished Signs) | EA | 6 |
| 7 | OPTION-Flagpole Rehabilitation | LS | 1 |

United States Department of Agriculture
Forest Service

(R02)
ROCKY MOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

| NO. | REVISION / ISSUE | DATE |
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| 4 | | |
| 3 | | |
| 2 | | |
| 1 | | |

PROJECT NAME

MEDICINE MOUNTAIN NATIONAL HISTORIC LANDMARK FENCING AND SITE IMPROVEMENTS

BIGHORN NATIONAL FOREST

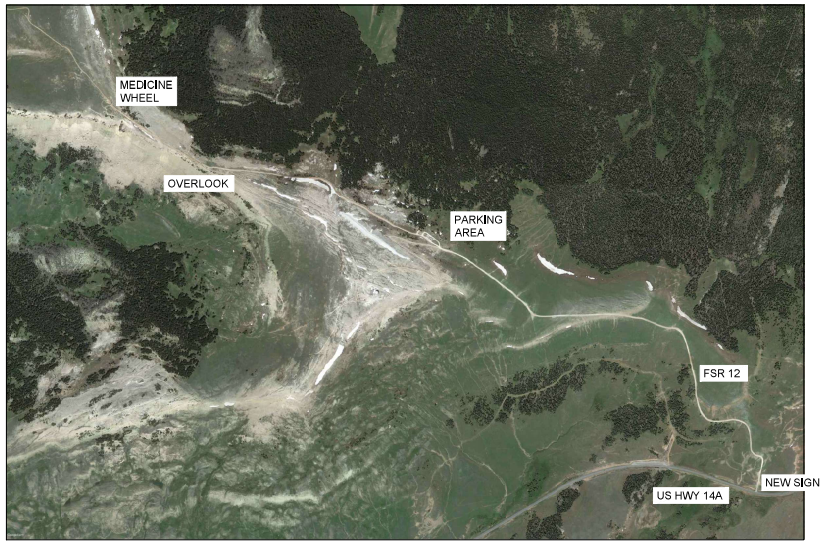
MEDICINE WHEEL RANGER DISTRICT

DRAWING TITLE

GENERAL NOTES & STATEMENT OF ITEMS

DATE 04/26/24
ARCHIVE NO.
DESIGNER B. Catron
DRAWN P. Rakowski
CHECKED C. Wolffing
PROJECT NO.
DRAWING SHEET NO. 2
SHEET 2 OF 7

5/30/24 09:41 PETERRAKOWSKI C:\USERS\PETERRAKOWSKI\DOCUMENTS\BIGHORN\BUILDINGS\STRUCTURES\7190\BUILDINGS&FACILITIES\B CURRENT PROJECTS\2024 MEDICINE WHEEL REHABILITATION\PRECONSTRUCTION\MED WHEEL NHL - CAGWED WHEEL FENCING.DWG.




OVERVIEW

N

PARKING AREA

OVERLOOK

USDA FOREST SERVICE

United States Department of Agriculture
Forest Service

(R02)
ROCKY MOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

| NO. | REVISION / ISSUE | DATE |
|---|---|---|
| 4 | | |
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PROJECT NAME

**MEDICINE MOUNTAIN NATIONAL HISTORIC LANDMARK FENCING AND SITE IMPROVEMENTS**

**BIGHORN NATIONAL FOREST**

**MEDICINE WHEEL RANGER DISTRICT**

DRAWING TITLE

**LOCATION MAP**

| | |
|---|---|
| DATE 04/26/24 | ARCHIVE NO. |
| DESIGNER B. Catron | DRAWING SHEET NO. 3 |
| DRAWN P. Rakowski | |
| CHECKED C. Wolffing | |
| PROJECT NO. | SHEET 3 OF 7 |

5/30/24 09:41 PETERRAKOWSKI C:\USERS\PETERRAKOWSKI\DROPBOX\TRIBUILDING\STRUCTURES\719\BUILDINGS&FACILITIES\B CURRENT PROJECTS\2024 MEDICINE WHEEL REHABILITATION\PRECONSTRUCT\MWED WHEEL NHL - CAD\MED WHEEL FENCING.DWG,

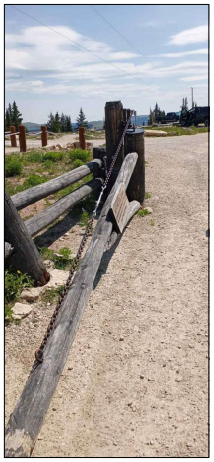
## 1 FENCE AT ENTRANCE

## 2 ENTRANCE GATE AND FENCE

NOTES:

1. ALL EXISTING FENCE POSTS SHALL BE REPLACED WITH 12" DIAMETER, BROWN, CCA-TREATED TIMBER POSTS. ALL EXISTING HORIZONTAL FENCE TIMBERS SHALL BE REPLACED WITH ROPE CONNECTIONS. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE SITE.
2. TALLER POSTS SHOWN IN PHOTO GROUP 2, ADJACENT TO ENTRANCE GATE, ARE EMBEDDED IN CONCRETE AT THE BASE AND WILL REQUIRE EXCAVATION FOR REMOVAL.
3. ALL STEEL HARDWARE COMPONENTS AT GATE, SHOWN IN PHOTO GROUP 3, SHALL BE REFINISHED (PAINT REMOVED TO BARE METAL, REPAINTED MATTE BLACK) AND REUSED. IF STEEL HARDWARE COMPONENTS CANNOT BE REFURBISHED, THEY SHALL BE REPLACED IN KIND. ALL BOLTS, NUTS, WASHERS, LAGS, THRU-RODS SHALL BE GALVANIZED.

## 3 ENTRANCE GATE AND HARDWARE



## 4 FENCE AT OVERLOOK

GENERAL NOTE:

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PROJECT NAME

MEDICINE MOUNTAIN NATIONAL HISTORIC LANDMARK FENCING AND SITE IMPROVEMENTS

BIGHORN NATIONAL FOREST

MEDICINE WHEEL RANGER DISTRICT

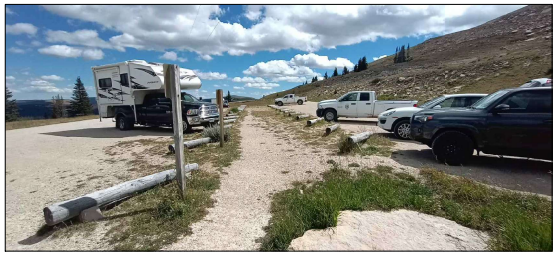
DRAWING TITLE

SITE PHOTOS 1

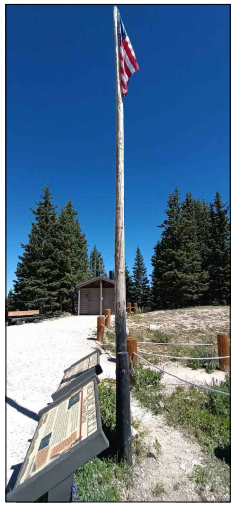
| | |
|---|---|
| DATE 04/26/24 | ARCHIVE NO. |
| DESIGNER B. Catron | DRAWING SHEET NO. 4 |
| DRAWN P. Rakowski | |
| CHECKED C. Wolffing | |
| PROJECT NO. | SHEET 4 OF 7 |

5/30/24 09:41 PETERRAKOWSKI C:\USERS\PETERRAKOWSKI\BIGHORN\BIGHORN\STRUCTURES\7119\BUILDINGS&FACILITIES\B CURRENT PROJECTS\2024 MEDICINE WHEEL REHABILITATION\PRECONSTRUCTION\MED WHEEL NHL - CAGWED WHEEL FENCING.DWG.

## 5 PARKING BARRIERS



## 6 FLAGPOLE



NOTES:

1. 9" DIAMETER PARKING BARRICADES SHOWN IN PHOTO GROUP 5 SHALL BE REPLACED IN KIND.
2. 5" DIAMETER FLAGPOLE POSTS SHOWN IN PHOTO GROUP 6 SHALL BE REPLACED WITH SAME SIZE. MATCH FINISH AND COLOR TO OTHER POSTS INSTALLED ON PROJECT.

GENERAL NOTE:

Existing information shown on drawings and photographs has been taken from limited field observations. Contractor shall field verify all quantities and conditions prior to purchasing materials and beginning work.

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| NO. | REVISION / ISSUE | DATE |
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MEDICINE MOUNTAIN NATIONAL HISTORIC LANDMARK FENCING AND SITE IMPROVEMENTS

BIGHORN NATIONAL FOREST

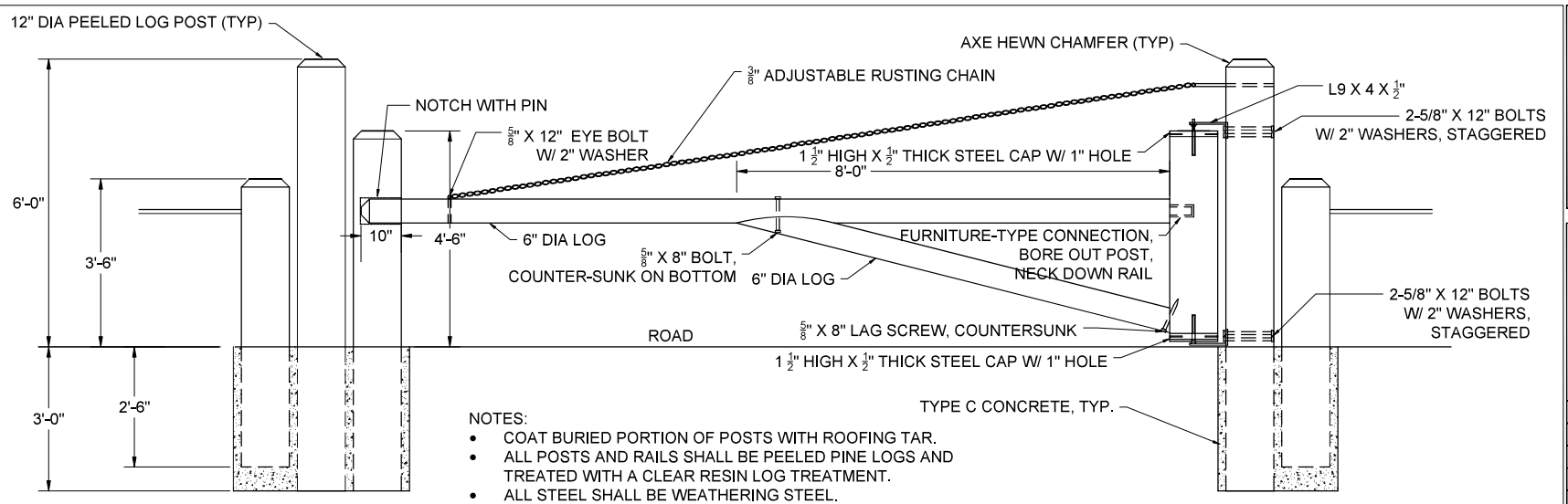
MEDICINE WHEEL RANGER DISTRICT

DRAWING TITLE

SITE PHOTOS 2

| | |
|---|---|
| DATE 04/26/24 | ARCHIVE NO. |
| DESIGNER B. Catron | DRAWING SHEET NO. 5 |
| DRAWN P. Rakowski | |
| CHECKED C. Wolffing | |
| PROJECT NO. | SHEET 5 OF 7 |

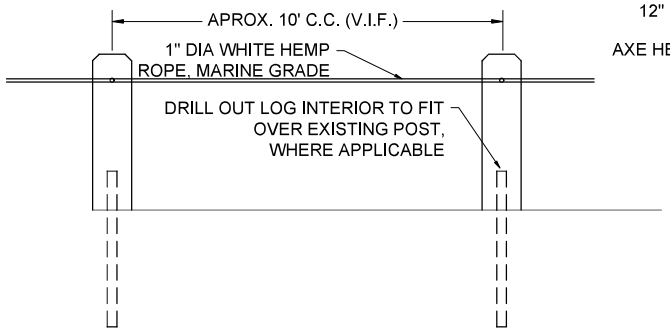
5/30/24 09:41 PETERRAKOWSKI C:\USERS\PETERRAKOWSKI\DOCUMENTS\BIGHORN\BUILDINGS\STRUCTURES\7198\BUILDINGS&FACILITIES\18 CURRENT PROJECTS\2024 MEDICINE WHEEL REHABILITATION\PRECONSTRUCTION\MED WHEEL NHL - CAUMED WHEEL FENCING.DWG

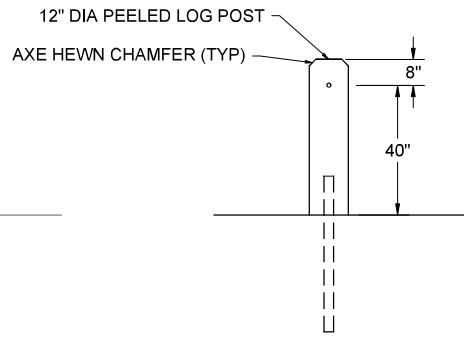



NOTES:

- COAT BURIED PORTION OF POSTS WITH ROOFING TAR.
- ALL POSTS AND RAILS SHALL BE PEELED PINE LOGS AND TREATED WITH A CLEAR RESIN LOG TREATMENT.
- ALL STEEL SHALL BE WEATHERING STEEL.

## GATE AND FENCE CONNECTION - ELEVATION

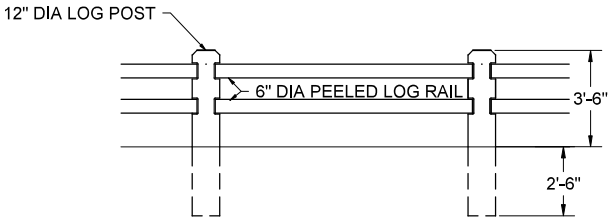



## ROPE FENCE - ELEVATION & CROSS SECTION

NOTES:

- HOLES SHALL BE DRILLED FOR ROPE, MIN 1 1/8" - 1 1/4". ROPE TO BE TIED AT ENDS IN SINGLE OVERHAND KNOT. IN SPANS ROPE SHALL NOT SAG MORE THAN 4" BELOW DRILLED HOLES IN TIMBERS.
- ALL LOGS TO BE PINE AND TREATED WITH A CLEAR RESIN LOG TREATMENT.
- WHERE NEW POSTS WILL HAVE BURIED PORTIONS, COAT BURIED PORTION OF POST WITH ROOFING TAR.




## EXISTING RAIL FENCE (TYP) TO BE REMOVED

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(R02)
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| NO. | REVISION / ISSUE | DATE |
|---|---|---|
| 4 | | |
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MEDICINE MOUNTAIN NATIONAL HISTORIC LANDMARK FENCING AND SITE IMPROVEMENTS

BIGHORN NATIONAL FOREST

MEDICINE WHEEL RANGER DISTRICT

DRAWING TITLE

FENCING DETAILS

| | |
|---|---|
| DATE 04/26/24 | ARCHIVE NO. |
| DESIGNER B. Catron | DRAWING SHEET NO. 6 |
| DRAWN P. Rakowski | |
| CHECKED C. Wolffing | |
| PROJECT NO. | SHEET 6 OF 7 |

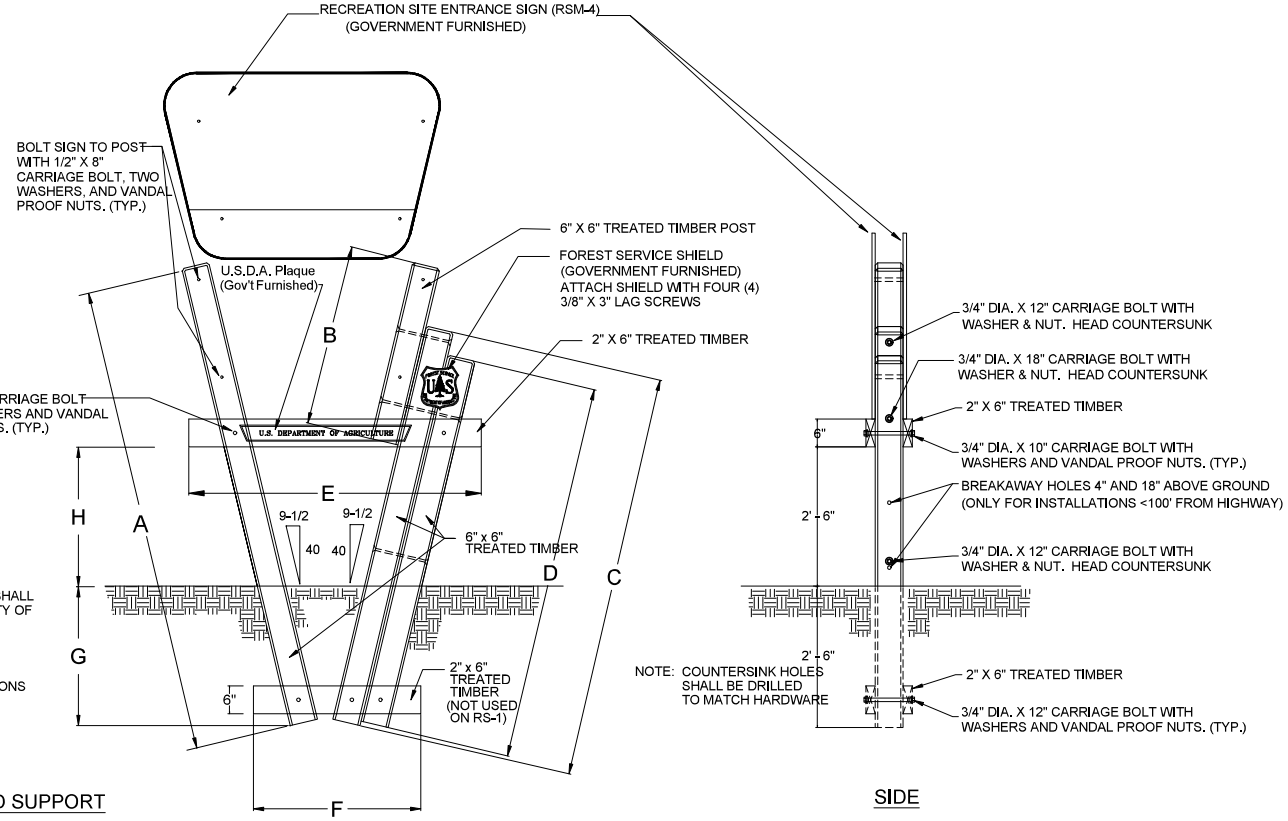
5/30/24 09:41 PETERRAKOWSKI C:\USERS\PETERRAKOWSKI\C\USERS\PETERRAKOWSKI\BIGOX\72\INBUILDING\STRUCTURES\71\19\BUILDINGS&FACILITIES\18 CURRENT PROJECTS\2024 MEDICINE WHEEL REHABILITATION\PRECONSTRUCTION\MED WHEEL NHL - CAOWED WHEEL FENCING.DWG

# ENTRANCE SIGN DETAIL

| DIMENSION (ft): | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| POST TYPE: | 6x6 | 6x6 | 6x6 | 6x6 | 2x6 | 2x6 | N/A | N/A |
| RS-4 | 10.5 | 7.0 | 10.0 | 7.5 | 9.0 | 6.0 | 3.0 | 2.0 |

NOTES

1. ALL BOLTS SHALL BE ZINC OR CADMIUM COATED UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED SITE EXCAVATION AND GRADING WORK THAT IS INCIDENTAL TO THIS CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH GRADING AROUND THE STRUCTURE. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE SITE.
4. GOVERNMENT SHALL FURNISH TO THE JOB SITE THE FOLLOWING:
   i) ALL RECREATION SITE SIGNS
   ii) ALL FOREST SERVICE SHIELDS
   iii) ALL U.S.D.A. PLAQUES
5. NEW SIGN SHALL BE PLACED PERPENDICULAR TO THE TRAFFIC FLOW OF US HWY 14A, ON THE EAST SIDE OF FSR 12, 100 FEET NORTH OF THE JUNCTION WITH US HWY 14A. FINAL LOCATION TO BE DESIGNATED ON THE GROUND BY THE COR.
6. ALL TIMBERS FOR FRAME SHALL BE TREATED AND COLORED TO MATCH FINISH AND COLOR TO OTHER POSTS INSTALLED ON PROJECT.




SITE ENTRANCE SIGN - WOOD SUPPORT

0 6" 1'-0" 2'-0" 3'-0"

SCALE: 1"=1'-0"

FRONT

SIDE

USDA FOREST SERVICE

United States Department of Agriculture
Forest Service

(R02)
ROCKY MOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

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PROJECT NAME

MEDICINE MOUNTAIN NATIONAL HISTORIC LANDMARK FENCING AND SITE IMPROVEMENTS

BIGHORN NATIONAL FOREST

MEDICINE WHEEL RANGER DISTRICT

DRAWING TITLE

SITE ENTRANCE SIGN INSTALLATION

| | |
|---|---|
| DATE 04/26/24 | ARCHIVE NO. |
| DESIGNER C. Davis | DRAWING SHEET NO. 7 |
| DRAWN C. Davis | |
| CHECKED C. Wolffing | |
| PROJECT NO. | SHEET 7 OF 7 |

5/30/24 09:41 PETERRAKOWSKI C:\USERS\PETERRAKOWSKI\C\DRIVE\STRUCTURES\7319\BUILDINGS&FACILITIES\B CURRENT PROJECTS\2024 MEDICINE WHEEL REHABILITATION\PRECONSTRUCTION\MED WHEEL NHL - CAGWED WHEEL FENCING.DWG