



311 N. Henson St. Lake City, Colorado 81235 970-944-2225 www.hinsdalecountycolorado.us

Scenic Byway Infrastructure Vault Toilets, Pavilion, Observatory, Safety Pullouts Design and Engineering

Request for Qualifications for Design and Engineering Consultant Work

Federal Highway Administration (FHWA) #25920 Scenic Byways Infrastructure

Release Date: April 1, 2024

RFQ Due: April 22, 2024 at 5 pm

RFQ Opening: April 24, 2024 at 10 am

1.0 Introduction

Hinsdale County, Colorado, is requesting statements of qualifications to provide design and engineering consulting work for a federally-funded Scenic Byway infrastructure grant. The project consists of installation 11 prefabricated vault toilets in locations in Mineral, Hinsdale, San Juan, and Ouray counties; installation of a pavilion; installation of an open-deck observatory; and installation of safety pullouts.

Draft specifications of prefabricated vault toilets will be provided and reviewed by each individual county or local government for guidance. Site locations will require environmental clearance assistance and interactions with local, state and federal agencies. An example of the Town of Lake City park pavilion is requested. A draft plan for the observatory exists in preliminary form. Maintenance and ownership agreement assistance is also requested.

This contract will be for design and engineering consultant work. There is potential for construction management services to be performed by the contracted consulting firm if both parties are interested and terms are negotiated.

This Request for Qualifications provides the specifications and requirements for prospective applicants to provide qualifications for design and engineering consultant work for the project.



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This project is funded through a National Scenic Byways Program grant awarded by Federal Highways Administration (FHWA). Hinsdale County is the subrecipient and Colorado Department of Transportation (CDOT) is the pass through agency. The project must meet all FHWA and CDOT requirements.

CDOT has determined a Disadvantaged Business Enterprise (DBE) participation goal of 0% for this Contract.

2.0 Background/Site Descriptions

The America's Byways Silver Thread Scenic & Historic Byway runs from the town of South Fork, along State Highway 149, through the communities of Creede and Lake City, and terminates at Highway 50. The Alpine Loop Backcountry Byway is a Bureau of Land Management backcountry byway that connects the high alpine communities of Lake City and Silverton, with connecting backcountry roads to Ouray.

A consortium of counties applied for and received the national Scenic Byway infrastructure grant to install 11 vault toilets, the pavilion, the observatory, and safety pullouts.

Hinsdale County represents all local partners under an Intergovernmental Agreement (IGA) with CDOT.

The high alpine region in south-central Colorado has seen an increase in tourism and impacts from the increase in travelers. The infrastructure grant is designed to address impacts. The area of the Silver Thread and Alpine Loop falls within the counties of Mineral, Hinsdale, San Juan, and Ouray; the Rio Grande National Forest, the San Juan National Forest, and the Gunnison, Uncompahgre, Grand Mesa (GMUG) national forests; and the Gunnison Field Office of the Bureau of Land Management. This multi-jurisdictional region has established partnerships and works to provide coordinated services for tourists, travelers, and residents.

This consortium of counties desires to provide additional restroom facilities for the increased impacts of travelers, improve facilities at the Red Mountain Gulch Day Use area, create an open-deck observatory in partnership with the Forest Service and Lake Fork Valley Conservancy, and install safety pull-outs in the high country where feasible.

The 11 toilet locations include:

- 1) New Forest Service access point to Rio Grande River; across from Freemon's Store (double ADA vault) (Rio Grande National Forest land, in Mineral County)
- 2) Replacement Forest Service double ADA vault toilet at Spring Creek Reservoir (Rio Grande National Forest land, in Hinsdale County)
- 3) Replacement double ADA vault toilet at Roundtop Mountain Park in new location (Town of Lake City land, in Hinsdale County)



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- 4) New single ADA vault toilet at Larsen Creek / Crystal Peak trailhead (located at IOOF Cemetery parking lot, Hinsdale County land)
- 5) New single ADA vault toilet at Ute Ulay Town & Mill Site (land owned by Hinsdale County; land under State of Colorado environmental covenant; ground disturbance requires additional permissions)
- 6) New double ADA vault toilet at Capitol City (land owned by Hinsdale County in existing parking lot area)
- 7) Replacement double ADA vault toilet at Red Mountain Gulch Day Use area (overall site plan requested for placement/replacement of toilet & pavilion & creation of tent camping sites; Hinsdale County land)
- 8) New double ADA vault toilet at Beer Garden (Bureau of Land Management land, Hinsdale County; previously identified as Pumphouse Park)
- 9) New double ADA vault toilet at Ironton, along County Road 20D (located in Ouray County, on Gunnison, Uncompahgre, Grand Mesa GMUG National Forests land)
- 10) New double ADA vault toilet at Eureka (located in San Juan county, on county owned land)
- 11) New double ADA vault toilet at Gladstone (located in San Juan county, on Bureau of Land Management land)

The Red Mountain Gulch Day Use area is located towards the inlet of Lake San Cristobal in Hinsdale County. Currently, there is infrastructure including parking spaces, picnic tables, campfire rings, and 1979 vintage double vault toilet and pavilion. The infrastructure grant award will purchase and install a prefabricated double ADA toilet and a prefabricated beam pavilion (using Town of Lake City's recent purchase as a template). Design consultant work includes site plan for this location, and will include opportunities for tent camping. Management of this site is overseen by Hinsdale County.

Hinsdale County has been working closely with the Lake Fork Valley Conservancy and the Gunnison Ranger District to move forward with a Forest Service special use permit for a specific loop in the decommissioned campground of the Slumgullion Campground on the Deer Lakes road to install an open-deck observatory for night sky viewing, year-round programming. The current plan is a preliminary design and requires an updated, stamped plan for review / approval by the Forest Service prior to award of special use permit and installation. Site is located off State Highway 149 on Slumgullion Pass ten miles east of the Town of Lake City.

The increase in traffic and travelers on the Alpine Loop Backcountry Byway has created a demand for safety pull-outs. Selected consultant will work with Road & Bridge Supervisors in San Juan and Hinsdale county to review specific locations for opportunities for safety pull-outs.

Total grant award for costs of purchase and installation of all infrastructure is \$847,000 with the design and engineering consultant portion expected to less than \$100,000.



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3.0 Scope of Services

General Requirement of Consultant:

The selected consultant shall provide the following services for the project:

- A. Work directly with County Administrator Sandy Hines as county point of contact.
- B. In conjunction with Board of County Commissioners, and with work group representing multiple counties and other agencies, coordinate design and engineering planning work.
- C. Successful contractor must enter agreement as provided by Hinsdale County, with sample provided by CDOT.
- D. Follow all grant guidelines and general terms and conditions (attached here).
- E. Meet the required DBE goal of 0% and utilize the B2G Software to report payment to subconsultants (even if the goal is 0%).
- F. All deliverables and clearances must be completed and received FHWA Authorization no later than September 30, 2024 so a strict timeline must be followed.
- G. Deliverables include working with County and CDOT team to provide:
 - Environmental, utility, and right-of-way clearances for all infrastructure and developed sites
 - Specifications for bid for pre-fabricated toilet purchase process that follows federal procurement policy
 - Assist with maintenance and permission agreements as determined
 - Site plan for Red Mountain Gulch for toilet & pavilion with proposed tent camping area stamped by a license engineer
 - Specifications for bid for pavilion purchasing and installation processes that follows federal procurement policy
 - Site plan for Observatory stamped by a license engineer
 - Specifications for bid for observatory purchasing and installation processes that follows federal procurement policy
 - Identification of opportunities for safety pull-outs between Eureka and Animas Forks in San Juan County
 - Identification of opportunities for safety pull-outs along Engineer and Cinnamon Pass in Hinsdale and San Juan counties
 - Plans and Specifications related to safety pull-out installations



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General Requirements of Hinsdale County:

4.0 Tentative Project Schedule

RFQ Release: April 1, 2024

Questions Deadline: April 10, 2024

Question responses: April 15, 2024

Submittal deadline for RFQ: 5 p.m., April 22, 2024

RFQ Opening: 10 a.m., April 24, 2024

Decision Date: Special meeting to be scheduled between April 25-April 26, 2024

Contract Approval: Anticipated to be May 1, 2024

Project Start Date: Immediately upon contract execution

Project Completion: All deliverables must be provided no later than August 31, 2024

5.0 Qualifications

The proposal should include all information necessary to evaluate the qualifications and capability of the firm to complete the work. At a minimum, this should include:

- Key personnel and their roles with the project, including resumes, education and relevant experience
- Past experience on similar federally funded CDOT projects
- Estimated schedule of the work
- References from other similar design and engineering projects (including owner's name, name of project, project contact person, and phone number).
- Past experience of Construction Management Services on CDOT project for the instance the contract is extended to include this work.

6.0 Proposal Evaluation Criteria

Hinsdale County Board of Commissioners, following the closing date for submission and after the public proposal opening, will evaluate submitted proposals. The commissioners will review each proposal. The following evaluation criteria will be used:

- a. *The firm's overall qualifications and experience related to similar projects and their technical competence and resources to carry out the project successfully.*
 - Provide a thorough background and qualifications summary.
 - Provide a list of the Project Manager(s) and all key personnel to be utilized on the project, including a description of their qualifications and skills (also include any sub- consultants on the



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- project).
- References from other similar design and engineering projects are required (including owner's name, name of project, project contact person, and phone number).
- b. *A demonstrated understanding of the project and the work required as well as the thoroughness and conciseness of the firm's proposal.*
- Provide a brief narrative indicating the full understanding of the project and related work required. Copies of the project conceptual design are available upon request.
 - Identify key personnel (including sub-consultants) who will be assigned to each major task. Include a description of their prior work experience with similar projects.
- c. Evaluation factors for short list:
- Qualification;
 - Approach to the Work;
 - Ability to furnish professional services;
 - Anticipated design concepts, and;
 - Alternative methods of approach for furnishing the professional services.
- d. Evaluation factors for final selection are the consultant's:
- Abilities of their personnel;
 - Past performance;
 - Willingness to meet the time and budget requirement;
 - Location;
 - Current and projected work load;
 - Volume of previously awarded contracts, and;
 - Involvement of minority consultants.

CDOT requires contract to be awarded through a qualification-based selection process.

Proposals will be evaluated on the following minimum criteria:

- | | |
|---|----------|
| A. Specialized experience and technical competence of proposed project team | (25 pts) |
| 1. Background and qualifications summary | |
| 2. Experience with similar CDOT projects | |
| 3. Project manager and key personnel | |
| 4. Number of years in business | |
| B. Proposed methodology | (25 pts) |
| 1. Covers all aspects of scope of work | |
| 2. Overall approach to tasks | |
| 3. Staffing plan - adequate number of staff, appropriate mix of staff | |



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- 4. Documentation process for work schedule and completed work
- 5. Organization, clarity, thoroughness, conciseness
- C. Project Schedule (25 pts)
- D. Performance record and references (25 pts)
 - 1. Previous work and customer satisfaction (Including owner's name, name of project, contact person and contact information)

TOTAL (100 pts)

The cost of preparing responses to this RFQ shall be borne by the respondents and shall not be reimbursed by Hinsdale County.

7.0 Submittal Procedures

Response proposals to this RFQ must be received by 5 p.m. April 22, 2024. Proposals received after this time/date will not be considered. Proposals may be mailed or hand delivered to the address below, or emailed to: administrator@hinsdalecountycolorado.us. Firms emailing proposals must confirm receipt of email by calling 970-944-2225. Proposals should not exceed 15 pages, excluding curriculum vitae (C.V.) to:

Sandy Hines,
Hinsdale County Administrator
PO Box 277
311 North Henson Street
Lake City, CO 81235

RE: Scenic Byway Infrastructure Vault Toilets, Pavilion, Observatory, Safety Pullouts Design Engineering RFQ

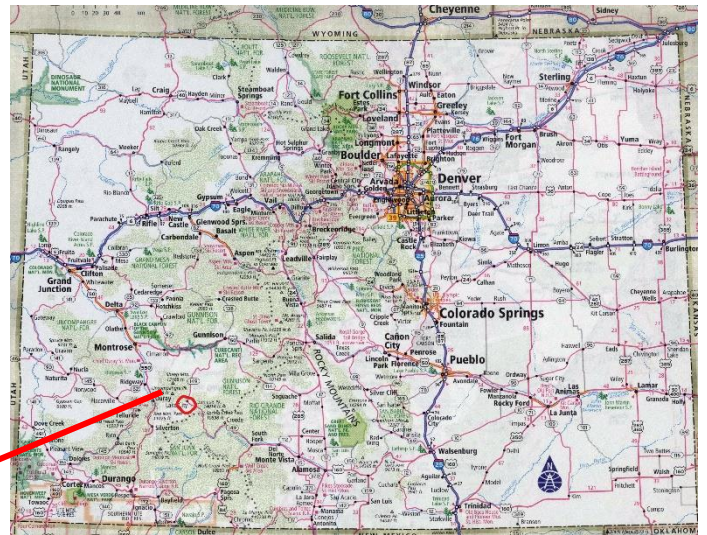
The recipient must supply a statement that the consulting firm presently has no interest and shall not have any interest, direct or indirect, which would conflict in any manner with the performance of the services contemplated by the agreement with the project. No person having such interest shall be employed by or associated with consultant during the term of this agreement.



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Vicinity Map

Lake City, CO, is located in the Southwest corner of Colorado in the San Juan Mountains.



Toilet Locations

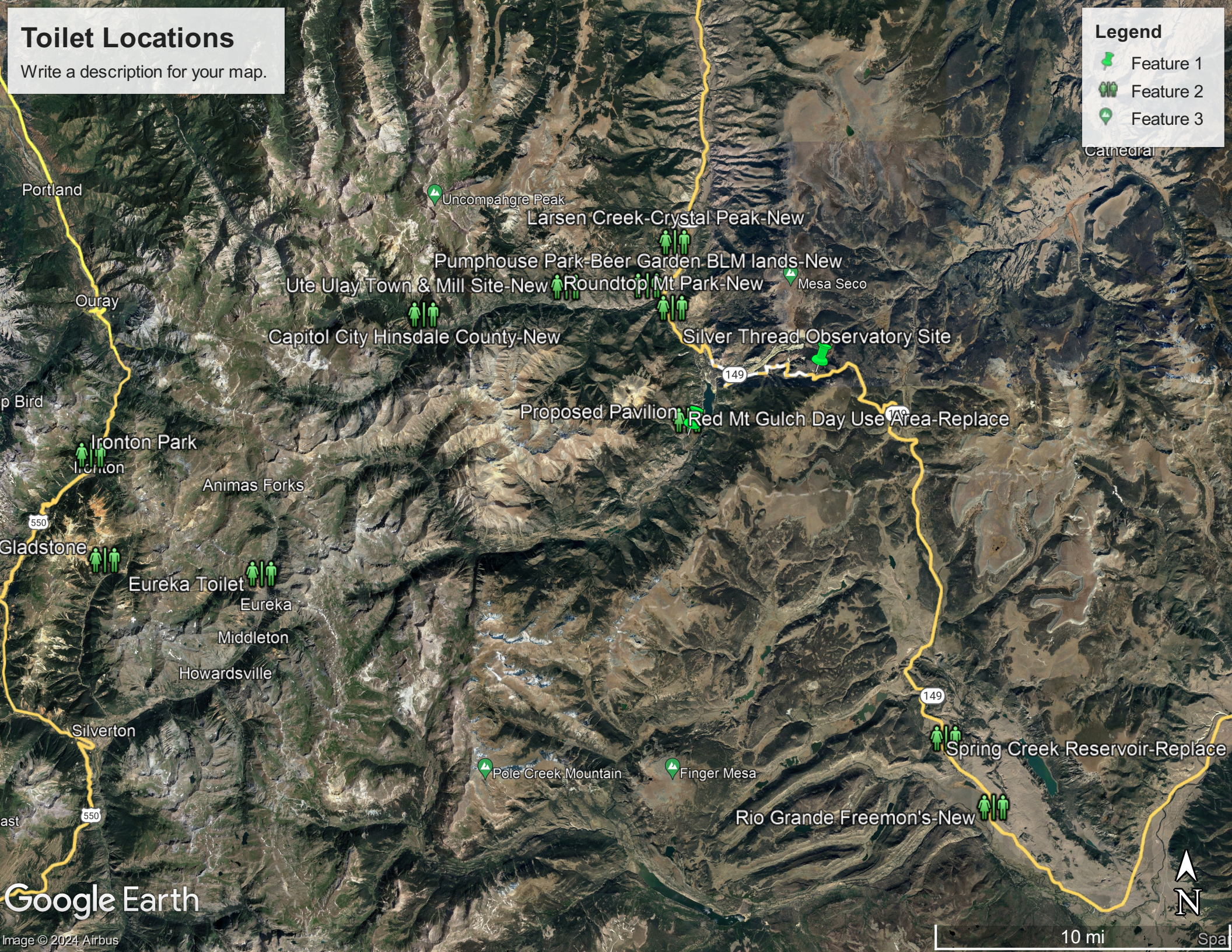
Write a description for your map.

Legend

Feature 1

Feature 2

Feature 3



Sample Pre-fabricated Double ADA Vault Toilet

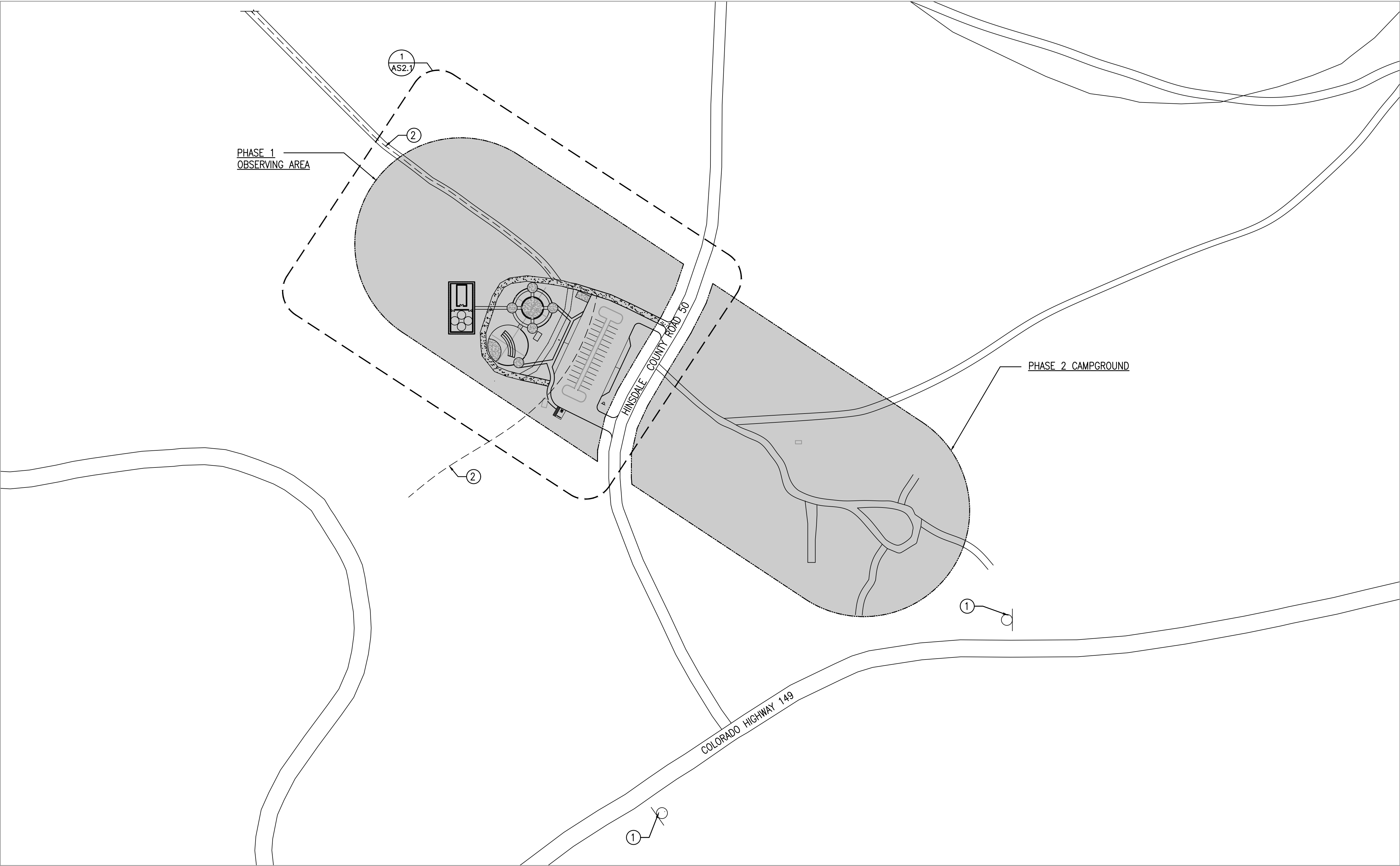


Sample Pavilion Located in Lake City Town Park



Existing Open-Deck Observatory Plans

Selected Consultant will work with team to address deficiencies for Forest Service special use permit



2 SITE PLAN - PROPOSED

SCALE: 1"= 100'-0"



KEYNOTES :

- 1. HIGHWAY DIRECTIONAL SIGN, PER STATE REQUIREMENTS.
- 2. WINTER SNOW MOBILE ACCESS REMAINS.



SLUMGULLION PASS ASTRONOMY SITE
LAKE CITY, COLORADO

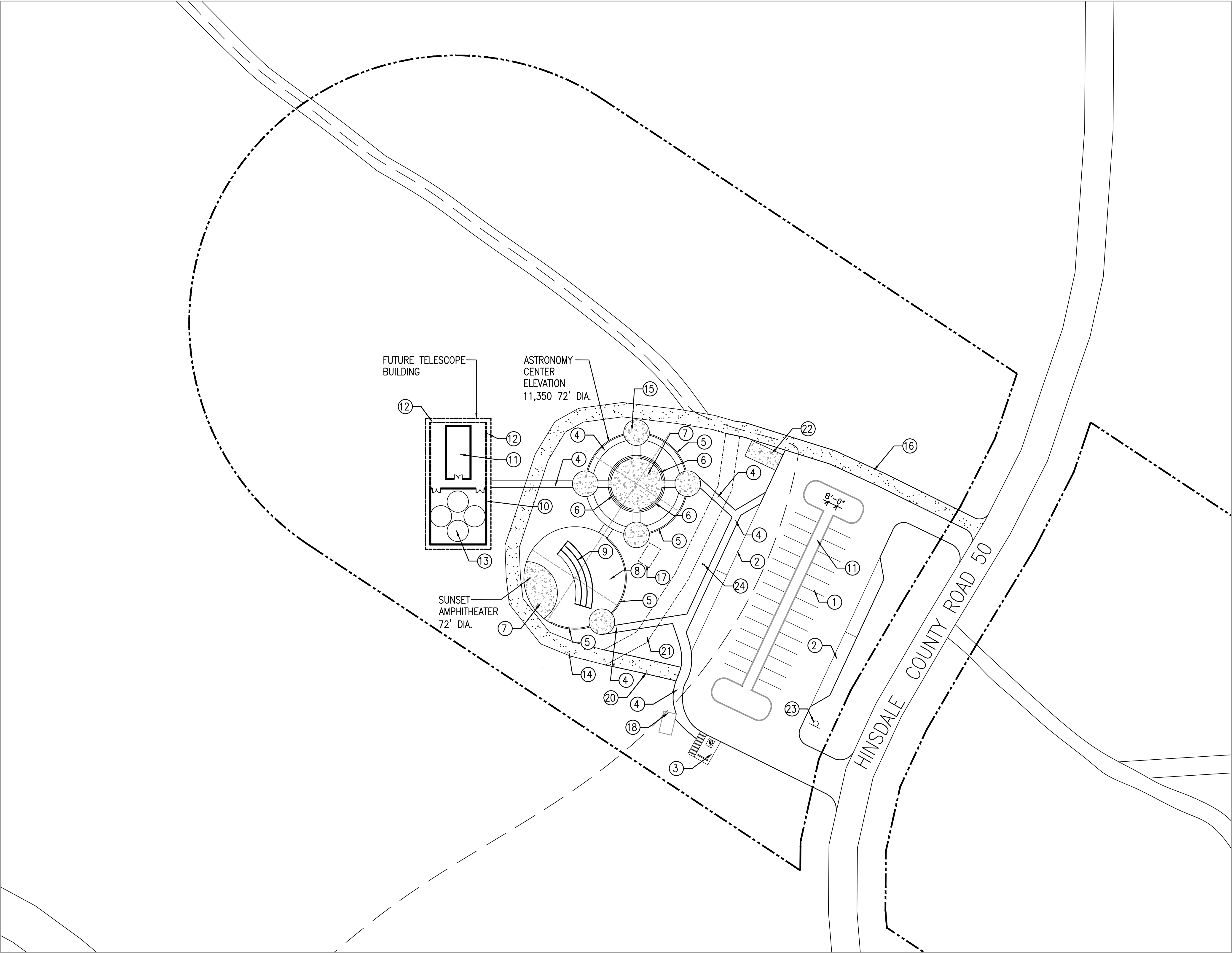
REVISIONS

DD

PROJECT: ...
SCALE: SEE DRAWING
DRAWN BY: NJ
CHECKED BY: TW
DATE: DECEMBER 2023

TITLE: OVERALL PROPOSED SITE

AS2.0



1 SITE PLAN- ENLARGE PROPOSED PHASE ONE OBSERVING AREA

SCALE: 1"= 40'-0"



KEYNOTES :

1. 30 PARKING SPACES COMPACTED GRAVEL
2. RV OR TRUCK/TRAILER PARKING, COMPACTED GRAVEL
3. ACCESSIBLE PARKING SPACE, CONCRETE PAINT
4. WALKING PATH, DECOMPOSED GRANITE, ADA COMPLIANT
5. LIGHT AND WIND BLOCKING FENCE
6. BENCHES NO BACK
7. PRESENTATION AREA, CONCRETE PAVING
8. PICNIC AREA
9. STEPPED SEATING PLATFORMS
10. FUTURE BUILDING WITH ROLL-OFF ROOF, 40'X40'
11. FUTURE SUPPORT BUILDING
12. FUTURE RAILS FOR ROLL-OFF ROOF
13. FUTURE FOUR FIXED TELESCOPES
14. SERVICE LANE, EXISTING
15. CONCRETE TELESCOPE PATIO, 18' DIAMETER
16. REWORK PORTION OF EXISTING SERVICE LANE FOR NEW PARKING ACCESS DRIVE, COMPACTED GRAVEL
17. REMOVE TOILET STRUCTURE, FILL AND GRADE OVER PIT.
18. EXISTING TOILET STRUCTURE, TO REMAIN
19. LANDSCAPE AREA
20. RELOCATE SERVICE DRIVE
21. DEMOLISH PORTION OF SERVICE DRIVE.
22. 12'X24' CONCRETE PAD FOR TEMPORARY SOLID MODULAR STORAGE STRUCTURE. (FUTURE 12'X24' PERMANENT STRUCTURE)
23. TWO SIDE ASTRONOMY SITE SIGN
24. INTERPRETIVE POINT OF INTEREST SIGN



REVISIONS

DD	PROJECT:	...
	SCALE:	SEE DRAWING
	DRAWN BY:	NJ
	CHECKED BY:	TW
	DATE:	DECEMBER 2023