MONTANA FISH, WILDLIFE & PARKS

ADDENDUM NO. 1

TO: ALL BIDDERS OF RECORD

PROJECT: FWP AVIAN REHAB

FWP PROJECT #: 7239181

DATE: 01.24.2025

FROM: MMW ARCHITECTS

Acknowledge receipt of this addendum by inserting its number and date in the Proposal Form and on the Bid Envelope. Failure to do so may subject bidder to disqualification.

This Addendum forms a part of the Contract Documents. Clarification and/or modifications area as follows:

MMW ARCHITECTS

ADDENDUM 1

Project Name: **FWP Avian Rehab**
Project Number: **24.022**
Date: **01.24.2025**

This Addendum forms part of the Construction Documents dated 12.18.2024 and modifies them as follows:

General:

1. A pre-bid meeting was conducted on-site on 01.21.2025 at 1pm. The agenda for the meeting is attached. Addendum #1 includes all clarifications regarding questions asked by potential bidders during the meeting and emails received since the initial bidding advertisement. Any clarifications provided on-site but not included in this Addendum are not contractual. Bidders are to bid based on the Contract Documents and Addendum only. If bidders need additional clarifications, they are encouraged to email tom@mmwarchitects.com
2. Question from Lou Antonick (Helena Fire Marshall):
    a. *Are there access gates in the existing fence?*
        i. Response: (2) access gates are currently shown at the existing fence on drawing sheets CS002 and AS101. The gate on the South is existing and the gate on the North is new.
3. Question:
    a. *Are background checks required?*
        i. Response: No

Substitutions:

1. Wall and Roof Framing.
    a. Premier SIPS is not an approved manufacturer.
        i. The structure is uninsulated.
2. Sheet Metal Formed Metal Roofing, Flashing, Snowguards, Gutters & Downspouts:
    a. Pacific Building Systems is an approved manufacturer.

Specifications:

1. Specification Document:
    a. Remove and disregard in its entirety "Plan Review Meeting Notes dated 12.18.2024" (3 pages)
        i. Action: Replace with attached Specification Section 017300 - EXECUTION

Architectural:

1. Staging Plan
    a. See sheet GI001 for Staging Plan

Architectural Drawings:

1. None

Attachments:

1. Pre-bid meeting agenda
2. Specification Section 017300 – EXECUTION
3. Morrison Maierle Addendum 1 Cover Sheets
4. CIVIL
5. ELEC

MONTANA FISH, WILDLIFE & PARKS

Design & Construction
1522 Ninth Avenue • P O Box 200701
Helena MT 59620-0701
Phone: (406) 841-4003 • Fax: (406) 841-4004

PRE-BID CONFERENCE AGENDA

Project Name: MT WILD Avian Rehab Building

Project Number: 7239181 Project Location: Helena, MT

1. **Bid Opening: Date**: February 4, 2025 **Location**: FWP Design and Construction, 1522 9th Ave., Helena, MT 59601
2. **Bid delivery by Contractor:**
   a. Using USPS allow adequate time as FWP-Design and Construction is on State Central Mail
   b. UPS/FedEx/Courier deliver to 1522 Ninth Avenue, Helena, MT 59601
3. **Montana Gov Delivery**: You can monitor the FWP website or sign up to receive e-mail notification of new projects, addenda, pre-bid sign-in sheets, etc., through our website at: https://fwp.mt.gov/doingBusiness/designAndConstruction/
   a. (Note: click the box **Design & Construction updates only.** If you sign up for *all* Fish Wildlife & Parks you will receive alerts for everything happening at FWP, which could involve a great number of emails.)
4. **Contractor Registration** (Projects >$2,500)
   a. Montana Department of Labor and Industry
   b. Not required to bid**. Required to enter into contract.**
5. **Bid bond:** 10% of total bid (Projects ≥$150,000)
   a. May be cash or cashiers check. No personal checks.
6. **Performance Bond, Labor and Materials Bond:** 100% of bid. (Projects ≥$150,000)
7. **Insurance:** Cover type of limits and coverage (All Projects)
   a. $1,000,000/ occurrence; $2,000,000 aggregate
   b. Must cover vehicles used by company
   c. State of Montana must be identified as an additional insured
8. **Buy Safe Montana Provisions –** Instructions to Bidders & General Conditions
   a. Successful bidder will be required to provide their incident rate, experience modification rate (EMR) and loss ratio with first pay request (Instructions to Bidders, Article 14).
   b. To promote safe work environments the successful bidder must maintain an EMR of less than 1.0; or loss ratio of less than 100%. A loss ratio of more than 100% must obtain a safety consultation with the Montana Department of Labor & Industry; Employment Relations Division; Safety Bureau before the owner grants Substantial Completion of the work (D&C Form 14).
   c. Contractors shall require subcontractors with an EMR or loss ratio greater than above to schedule and obtain a comprehensive safety consultation as described.
   d. Successful bidder will need to obtain the EMR of Loss Ratio for all subcontractor's before work is started.
9. **Review proposal items**
   a. Base Bid
   b. Alternates
   c. Method of award - Lowest Responsible Bidder
10. **Fish, Wildlife & Parks supplied materials**
    a. Permits
    b. Supplies and/or Materials
11. **Project Schedule**
    a. Duration of Project: 150 Calendar Days
    b. Proposed Start Date:
    c. Extensions
12. **Addenda**

13. **Change Orders**
14. **Payment**
    a. Frequency (30 Days Typical)
    b. Withholding (5% until contract is finalized and closed out)
    c. Final (Upon completion of **all** Punch List Items and Contract Close Out Paperwork)
15. **Drawings**
    a. As-Builts (considered as part of Contract Close Out Documents)
16. **Walk Site**
    a. Staking (Responsibilities of Owner & Contractor)
    b. Construction limits
    c. Environment (Permit Constraints and Requirements, BMDs, equipment cleaning)
    d. ADA (Go over Slopes [Both cross and Running] and **Stress** Importance)
17. **Supervision**
    a. Contractor will qualify supervisor on-site during construction.
18. **Federal Debarment Form**
    a. If project is funded by any portion of federal funds, a "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion." Form must be submitted with the Proposal. (Debarment Form, if applicable, is located after the Proposal in the bid documents.)

SECTION 017300 - EXECUTION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes general administrative and procedural requirements governing execution of the Work including, but not limited to, the following:

1. Construction layout.
2. Installation of the Work.
3. Cutting and patching.
4. Coordination of Owner-installed products.
5. Progress cleaning.
6. Starting and adjusting.
7. Protection of installed construction.
8. Correction of the Work

B. Related Requirements:

1. Section 011000 "Summary" for limits on use of Project site.
2. Section 017700 "Closeout Procedures" for submitting final property survey with Project Record Documents, recording of Owner-accepted deviations from indicated lines and levels, and final cleaning.

1.3 DEFINITIONS

A. Cutting: Removal of in-place construction necessary to permit installation or performance of other work.

B. Patching: Fitting and repair work required to restore construction to original conditions after installation of other work.

1.4 INFORMATIONAL SUBMITTALS

A. Cutting and Patching Plan: Submit plan describing procedures at least 10 days prior to the time cutting and patching will be performed. Include the following information:

1. Extent: Describe reason for and extent of each occurrence of cutting and patching.
2. Changes to In-Place Construction: Describe anticipated results. Include changes to structural elements and operating components as well as changes in building appearance and other significant visual elements.
3. Products: List products to be used for patching and firms or entities that will perform patching work.
4. Dates: Indicate when cutting and patching will be performed.
5. Utilities and Mechanical and Electrical Systems: List services and systems that cutting and patching procedures will disturb or affect. List services and systems that will be relocated and those that will be temporarily out of service. Indicate length of time permanent services and systems will be disrupted.

    a. Include description of provisions for temporary services and systems during interruption of permanent services and systems.

B. Landfill Receipts: Submit copy of receipts issued by a landfill facility, licensed to accept hazardous materials, for hazardous waste disposal.

1.5 CLOSEOUT SUBMITTALS

A. Final Property Survey: Submit copy showing the Work performed and record survey data.

1.6 QUALITY ASSURANCE

A. Cutting and Patching: Comply with requirements for and limitations on cutting and patching of construction elements.

1. Structural Elements: When cutting and patching structural elements, notify Architect of locations and details of cutting and await directions from Architect before proceeding. Shore, brace, and support structural elements during cutting and patching. Do not cut and patch structural elements in a manner that could change their load-carrying capacity or increase deflection

2. Operational Elements: Do not cut and patch operating elements and related components in a manner that results in reducing their capacity to perform as intended or that results in increased maintenance or decreased operational life or safety.

3. Other Construction Elements: Do not cut and patch other construction elements or components in a manner that could change their load-carrying capacity, that results in reducing their capacity to perform as intended, or that results in increased maintenance or decreased operational life or safety.

4. Visual Elements: Do not cut and patch construction in a manner that results in visual evidence of cutting and patching. Do not cut and patch exposed construction in a manner that would, in Architect's opinion, reduce the building's aesthetic qualities. Remove and replace construction that has been cut and patched in a visually unsatisfactory manner.

B. Manufacturer's Installation Instructions: Obtain and maintain on-site manufacturer's written recommendations and instructions for installation of products and equipment.

PART 2 - PRODUCTS

2.1 MATERIALS

A. General: Comply with requirements specified in other Sections.

B. In-Place Materials: Use materials for patching identical to in-place materials. For exposed surfaces, use materials that visually match in-place adjacent surfaces to the fullest extent possible.

1. If identical materials are unavailable or cannot be used, use materials that, when installed, will provide a match acceptable to Architect for the visual and functional performance of in-place materials.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Existing Conditions: The existence and location of underground and other utilities and construction indicated as existing are not guaranteed. Before beginning sitework, investigate and verify the existence and location of underground utilities, and other construction affecting the Work.

1. Before construction, verify the location and invert elevation at points of connection of sanitary sewer, storm sewer, and water-service piping; underground electrical services, and other utilities.

B. Examination and Acceptance of Conditions: Before proceeding with each component of the Work, examine substrates, areas, and conditions, with Installer or Applicator present where indicated, for compliance with requirements for installation tolerances and other conditions affecting performance. Record observations.

1. Examine roughing-in for mechanical and electrical systems to verify actual locations of connections before equipment and fixture installation.
2. Examine walls, floors, and roofs for suitable conditions where products and systems are to be installed.
3. Verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.

C. Written Report: Where a written report listing conditions detrimental to performance of the Work is required by other Sections, include the following:

1. Description of the Work.
2. List of detrimental conditions, including substrates.
3. List of unacceptable installation tolerances.
4. Recommended corrections.

D. Proceed with installation only after unsatisfactory conditions have been corrected. Proceeding with the Work indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Existing Utility Information: Furnish information to Owner that is necessary to adjust, move, or relocate existing utility structures, utility poles, lines, services, or other utility appurtenances located in or affected by construction. Coordinate with authorities having jurisdiction.

B. Field Measurements: Take field measurements as required to fit the Work properly. Recheck measurements before installing each product. Where portions of the Work are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

C. Space Requirements: Verify space requirements and dimensions of items shown diagrammatically on Drawings.

D. Review of Contract Documents and Field Conditions: Immediately on discovery of the need for clarification of the Contract Documents caused by differing field conditions outside the control of Contractor, submit a request for information to Architect according to requirements in Section 013100 "Project Management and Coordination."

3.3 CONSTRUCTION LAYOUT

A. Verification: Before proceeding to lay out the Work, verify layout information shown on Drawings, in relation to the property survey and existing benchmarks. If discrepancies are discovered, notify Architect promptly.

3.4 INSTALLATION

A. General: Locate the Work and components of the Work accurately, in correct alignment and elevation, as indicated.

1. Make vertical work plumb and make horizontal work level.
2. Where space is limited, install components to maximize space available for maintenance and ease of removal for replacement.
3. Conceal pipes, ducts, and wiring in finished areas unless otherwise indicated.

4. Maintain minimum headroom clearance of 96 inches (2440 mm) in occupied spaces and 90 inches (2300 mm) in unoccupied spaces.

B. Comply with manufacturer's written instructions and recommendations for installing products in applications indicated.

C. Install products at the time and under conditions that will ensure the best possible results. Maintain conditions required for product performance until Substantial Completion.

D. Conduct construction operations so no part of the Work is subjected to damaging operations or loading in excess of that expected during normal conditions of occupancy.

E. Sequence the Work and allow adequate clearances to accommodate movement of construction items on site and placement in permanent locations.

F. Tools and Equipment: Do not use tools or equipment that produce harmful noise levels.

G. Templates: Obtain and distribute to the parties involved templates for work specified to be factory prepared and field installed. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing products to comply with indicated requirements.

H. Attachment: Provide blocking and attachment plates and anchors and fasteners of adequate size and number to securely anchor each component in place, accurately located and aligned with other portions of the Work. Where size and type of attachments are not indicated, verify size and type required for load conditions.

1. Mounting Heights: Where mounting heights are not indicated, mount components at heights directed by Architect.
2. Allow for building movement, including thermal expansion and contraction.
3. Coordinate installation of anchorages. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.

I. Joints: Make joints of uniform width. Where joint locations in exposed work are not indicated, arrange joints for the best visual effect. Fit exposed connections together to form hairline joints.

J. Hazardous Materials: Use products, cleaners, and installation materials that are not considered hazardous.

3.5 CUTTING AND PATCHING

A. Cutting and Patching, General: Employ skilled workers to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time, and complete without delay.

1. Cut in-place construction to provide for installation of other components or performance of other construction, and subsequently patch as required to restore surfaces to their original condition.

B. Existing Warranties: Remove, replace, patch, and repair materials and surfaces cut or damaged during installation or cutting and patching operations, by methods and with materials so as not to void existing warranties.

C. Temporary Support: Provide temporary support of work to be cut.

D. Protection: Protect in-place construction during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of Project that might be exposed during cutting and patching operations.

E. Adjacent Occupied Areas: Where interference with use of adjoining areas or interruption of free passage to adjoining areas is unavoidable, coordinate cutting and patching according to requirements in Section 011000 "Summary."

F. Existing Utility Services and Mechanical/Electrical Systems: Where existing services/systems are required to be removed, relocated, or abandoned, bypass such services/systems before cutting to prevent interruption to occupied areas.

G. Cutting: Cut in-place construction by sawing, drilling, breaking, chipping, grinding, and similar operations, including excavation, using methods least likely to damage elements retained or adjoining construction. If possible, review proposed procedures with original Installer; comply with original Installer's written recommendations.

1. In general, use hand or small power tools designed for sawing and grinding, not hammering and chopping. Cut holes and slots neatly to minimum size required, and with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
2. Finished Surfaces: Cut or drill from the exposed or finished side into concealed surfaces.
3. Concrete and Masonry: Cut using a cutting machine, such as an abrasive saw or a diamond-core drill.
4. Excavating and Backfilling: Comply with requirements in applicable Sections where required by cutting and patching operations.
5. Mechanical and Electrical Services: Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal remaining portion of pipe or conduit to prevent entrance of moisture or other foreign matter after cutting.
6. Proceed with patching after construction operations requiring cutting are complete.

H. Patching: Patch construction by filling, repairing, refinishing, closing up, and similar operations following performance of other work. Patch with durable seams that are as invisible as practicable. Provide materials and comply with installation requirements specified in other Sections, where applicable.

1. Inspection: Where feasible, test and inspect patched areas after completion to demonstrate physical integrity of installation.
2. Exposed Finishes: Restore exposed finishes of patched areas and extend finish restoration into retained adjoining construction in a manner that will minimize evidence of patching and refinishing.

    a. Clean piping, conduit, and similar features before applying paint or other finishing materials.

b. Restore damaged pipe covering to its original condition.

3. Floors and Walls: Where walls or partitions that are removed extend one finished area into another, patch and repair floor and wall surfaces in the new space. Provide an even surface of uniform finish, color, texture, and appearance. Remove in-place floor and wall coverings and replace with new materials, if necessary, to achieve uniform color and appearance.

    a. Where patching occurs in a painted surface, prepare substrate and apply primer and intermediate paint coats appropriate for substrate over the patch, and apply final paint coat over entire unbroken surface containing the patch. Provide additional coats until patch blends with adjacent surfaces.

4. Ceilings: Patch, repair, or rehang in-place ceilings as necessary to provide an even-plane surface of uniform appearance.
5. Exterior Building Enclosure: Patch components in a manner that restores enclosure to a weathertight condition and ensures thermal and moisture integrity of building enclosure.

I. Cleaning: Clean areas and spaces where cutting and patching are performed. Remove paint, mortar, oils, putty, and similar materials from adjacent finished surfaces.

3.6 OWNER-INSTALLED PRODUCTS

A. Site Access: Provide access to Project site for Owner's construction personnel.

B. Coordination: Coordinate construction and operations of the Work with work performed by Owner's construction personnel.

1. Construction Schedule: Inform Owner of Contractor's preferred construction schedule for Owner's portion of the Work. Adjust construction schedule based on a mutually agreeable timetable. Notify Owner if changes to schedule are required due to differences in actual construction progress.
2. Preinstallation Conferences: Include Owner's construction personnel at preinstallation conferences covering portions of the Work that are to receive Owner's work. Attend preinstallation conferences conducted by Owner's construction personnel if portions of the Work depend on Owner's construction.

3.7 PROGRESS CLEANING

A. General: Clean Project site and work areas daily, including common areas. Enforce requirements strictly. Dispose of materials lawfully.

1. Comply with requirements in NFPA 241 for removal of combustible waste materials and debris.
2. Do not hold waste materials more than seven days during normal weather or three days if the temperature is expected to rise above 80 deg F (27 deg C).
3. Containerize hazardous and unsanitary waste materials separately from other waste. Mark containers appropriately and dispose of legally, according to regulations.

a. Use containers intended for holding waste materials of type to be stored.

4. Coordinate progress cleaning for joint-use areas where Contractor and other contractors are working concurrently.

B. Site: Maintain Project site free of waste materials and debris.

C. Work Areas: Clean areas where work is in progress to the level of cleanliness necessary for proper execution of the Work.

1. Remove liquid spills promptly.
2. Where dust would impair proper execution of the Work, broom-clean or vacuum the entire work area, as appropriate.

D. Installed Work: Keep installed work clean. Clean installed surfaces according to written instructions of manufacturer or fabricator of product installed, using only cleaning materials specifically recommended. If specific cleaning materials are not recommended, use cleaning materials that are not hazardous to health or property and that will not damage exposed surfaces.

E. Concealed Spaces: Remove debris from concealed spaces before enclosing the space.

F. Exposed Surfaces in Finished Areas: Clean exposed surfaces and protect as necessary to ensure freedom from damage and deterioration at time of Substantial Completion.

G. Waste Disposal: Do not bury or burn waste materials on-site. Do not wash waste materials down sewers or into waterways. Comply with waste disposal requirements in Section 017419 "Construction Waste Management and Disposal."

H. During handling and installation, clean and protect construction in progress and adjoining materials already in place. Apply protective covering where required to ensure protection from damage or deterioration at Substantial Completion.

I. Clean and provide maintenance on completed construction as frequently as necessary through the remainder of the construction period. Adjust and lubricate operable components to ensure operability without damaging effects.

J. Limiting Exposures: Supervise construction operations to assure that no part of the construction, completed or in progress, is subject to harmful, dangerous, damaging, or otherwise deleterious exposure during the construction period.

3.8 STARTING AND ADJUSTING

A. Start equipment and operating components to confirm proper operation. Remove malfunctioning units, replace with new units, and retest.

B. Adjust equipment for proper operation. Adjust operating components for proper operation without binding.

C. Test each piece of equipment to verify proper operation. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.

D. Manufacturer's Field Service: Comply with qualification requirements in Section 014000 "Quality Requirements."

3.9 PROTECTION OF INSTALLED CONSTRUCTION

A. Provide final protection and maintain conditions that ensure installed Work is without damage or deterioration at time of Substantial Completion.

B. Comply with manufacturer's written instructions for temperature and relative humidity.

3.10 CORRECTION OF THE WORK

A. Repair or remove and replace damaged, defective, or nonconforming Work. Restore damaged substrates and finishes.

1. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment.

B. Repair Work previously completed and subsequently damaged during construction period. Repair to like-new condition.

C. Restore permanent facilities used during construction to their specified condition.

D. Remove and replace damaged surfaces that are exposed to view if surfaces cannot be repaired without visible evidence of repair.

E. Repair components that do not operate properly. Remove and replace operating components that cannot be repaired.

F. Remove and replace chipped, scratched, and broken glass or reflective surfaces.

END OF SECTION 017300

Morrison Maierle
engineers • surveyors • planners • scientists

ADDENDUM 1
FWP Avian Rehab
Civil – Structural – Plumbing – Electrical

Date: 01/24/2025

TO: ALL PLANHOLDERS

The plans and specifications for the above captioned project are hereby modified and/or superseded by this Addendum:

CIVIL:

SPECIFICATIONS –

No changes at this time.

DRAWINGS –

CN001 - Removed all notes referencing Bozeman, note 13 has been revised to indicate stockpile location behind the fire-turn around.
CS002 – Revised the pipe type to 1-1/2" Type K Copper Pipe
CU100 – Pump clarification

CLARIFICATION QUESTIONS –

Question: what is the water main material and size
Response: City of Helena Utility Infrastructure Viewer shows that the main is an 8" ductile iron.

Question: Is the service type K or HDPE?
Response: Per City of Helena, the 1-1/2" water service shall consist of Type K copper pipe meeting ASTM B88-62 from the min to the curb box.

Question: Is sanitary line gravity fed or pump?
Response: It will be pumped, an Orenco PF500511 High Head Effluent Pump 50 gpm or equal is acceptable. Power available on site will dictate which version.

Question: Indicate area for all grubbing to be discarded
Response: Discard area to be behind fire turn-around

Question: Indicate where existing buildings are to be relocated
Response: Relocated on site as indicated by owner within back enclosure area.

Question: Is a SWIPP required?
Response: Since the impact area is less than 1 acre a SWPPP should not be required

Question: Does the sand-oil separator need to be traffic rated?
Response: Yes

Question: Clarify fencing labeled to be removed.
Response: It needs to be salvaged for owner on site

Questions: To what degree should trees be removed?
Response: Trees to be demolished in their entirety (including root ball), discarded over the hill behind the fire turn-around

Questions: Oil water separator alternates vs options?

Response: We are amenable to approved equals if you want to suggest alternatives.

STRUCTURAL:

SPECIFICATIONS –

No changes at this time.

DRAWINGS –

No changes at this time.

CLARIFICATIONS REGARDING ADD ALT #1 –

In the instance that Additive Alternate #1 does not get attached to the project, the building becomes shorter by eliminating the space between grids 2 and 5. The footings and walls along grid 1 and grid 2 shift to grid 4 and grid 5. The plan west extent of the building would end at grid 4.

PLUMBING:

SPECIFICATIONS –

No changes at this time.

DRAWINGS –

No changes at this time.

ELECTRICAL:

SPECIFICATIONS –

No changes at this time.

DRAWINGS –

EI501 – Electrical Details & Schedules

Update Keynote 2 to include providing new 800A service disconnect.

CLARIFICATION QUESTIONS:

Question: Clarify how many outlets & light fixtures will be added with Alt #1.
Response: Alternate 1 does not effect the quantity of lighting and power.

Question: EI501 – Are connections extending from feed or new power?
Response: The new Avian barn power will come from the existing MDP Square D I-line panelboard in the education building. Contractor shall provide a new 100A 3-pole breaker in existing MDP. The existing overhead power pole located where the Avian barn is going will be removed and power brought back to existing power pole. Power will route underground to new utility transformer. From utility transformer, power will be fed underground to new service entrance into the education building.

Question: Who is responsible for power routing?
Response: Electrical contractor is responsible for trenching and conduit from new pad mounted utility transformer to service entrance point. NWE is responsible for providing and installing secondary conductors from utility transformer to service entrance point. NWE to determine final placement of transformer, contractor to determine routing of new power to building with minimal disturbance to concrete and vegetation as possible. Everything beyond the service entrance point of education building is to be provided by the electrical contractor.

Question: Does there need to be a disconnect at the education building?
Response: Yes, an 800A service disconnect will need to be located on the exterior of the education building at the point of the service entrance.

Question: What is the size of the feeder?
Response: For the 800A feeder provide (3)2-1/2” conduits, each with 3#300 and 1#1/0 ground. Feeder for Avian barn is shown on sheet EI501.

PRIOR APPROVAL –

All material or products supplied by the contractor must meet or exceed the quality and performance of the material or product originally specified. It is the contractor's responsibility to ensure that substituted equipment matches the exterior dimensions, weight, and configuration of the equipment that was specified.

END OF ADDENDUM 1

GENERAL NOTES:

1. STANDARD SYMBOLS AND LINE TYPES ARE SHOWN IN THE LEGEND. SOME SYMBOLS OR LINE TYPES SHOWN MAY NOT BE SHOWN ON THE PLANS.
2. IN GENERAL, EXISTING STRUCTURES AND FACILITIES ARE NOTED AS "EXISTING" AND ARE SHOWN IN LIGHT LINE WEIGHTS OR AS SCREENED BACKGROUND. NEW STRUCTURES OR FACILITIES ARE SHOWN IN HEAVY LINE WEIGHTS AND EMPHASIZED FOR INDIVIDUAL DRAWING PURPOSES.

CONSTRUCTION NOTES:

1. ALL IMPROVEMENTS ON THIS PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH THE MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS, SIXTH EDITION DATED APRIL 2010 (MPWSS); THE CITY OF HELENA ENGINEERING STANDARDS; AND THE PROJECT SPECIFICATIONS.
2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE DIVISION OF INDUSTRIAL REGULATIONS (OSHA) SAFETY STANDARDS. IF REQUESTED BY THE INSPECTOR, THE CONTRACTOR SHALL PROVIDE PROOF OF A PERMIT FROM SAID DIVISION.
3. THE CONTRACTOR'S OPERATIONS SHALL BE CONFINED WITHIN THE PROJECT LIMITS. MATERIALS AND EQUIPMENT SHALL BE STORED ON THE PROJECT SITE WHERE APPROVED BY THE OWNER. IT SHALL BE UNDERSTOOD THAT THE RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF EQUIPMENT AND MATERIALS ON OR NEAR THE SITE WILL BE ENTIRELY THAT OF THE CONTRACTOR AND THAT NO CLAIM SHALL BE MADE AGAINST THE OWNER BY REASON OF ANY ACT OF AN EMPLOYEE OR TRESPASSER.
4. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES FOUND ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO COMMENCEMENT OR CONTINUATION OF CONSTRUCTION ACTIVITIES.
5. REFERENCE ALL SURVEY MONUMENTS, SECTION CORNERS, 1/4 CORNERS, AND PROPERTY CORNERS PRIOR TO BEING DISTURBED BY CONSTRUCTION. ANY MONUMENTS AND CORNERS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE OF MONTANA.
6. A PRE-CONSTRUCTION MEETING (AS REQUIRED) SHALL BE HELD WITH THE GENERAL CONTRACTOR, SITE SUBCONTRACTOR,CITY OF HELENA, OWNER, AND MORRISON-MAIERLE, INC. PRIOR TO THE START OF CONSTRUCTION.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE CITY, COUNTY, AND/OR STATE INSPECTOR 48 HOURS PRIOR TO COMMENCING CONSTRUCTION AND 24 HOURS IN ADVANCE OF SPECIFIC INSPECTION NEEDS DURING THE COURSE OF THE WORK. ALL WORK SHALL BE PERFORMED DURING NORMAL WORKING HOURS AND SUBJECT TO THE AVAILABILITY OF AN INSPECTOR AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL BE BILLED FOR SAID INSPECTION SERVICES AS PROVIDED IN THE MOST RECENTLY ADOPTED FEES FOR SUCH SERVICES.
8. THE CONTRACTOR SHALL PERFORM ALL CONSTRUCTION ACTIVITIES IN A MANNER TO MINIMIZE INCONVENIENCE TO THE ADJACENT BUSINESSES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE PROPERTY INSOFAR AS IT MAY BE AFFECTED BY THESE OPERATIONS. ALL COSTS FOR PROTECTING, REMOVING, AND RESTORING EXISTING IMPROVEMENTS SHALL BE BORNE SOLELY BY THE CONTRACTOR.
10. THE CONTRACTOR SHALL AT ALL TIMES TAKE WHATEVER MEASURES ARE NECESSARY TO ASSURE THE PROPER CONTAINMENT AND DISPOSAL OF POLLUTANTS ON THE SITE IN ACCORDANCE WITH ANY AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
11. THE CONTRACTOR SHALL IMMEDIATELY CLEAN UP ANY CONSTRUCTION MATERIALS INADVERTENTLY DEPOSITED ON EXISTING STREETS, SIDEWALKS, OR OTHER PUBLIC RIGHTS-OF-WAY AND MAKE SURE STREETS AND WALKWAYS ARE CLEANED AT THE END OF EACH WORKING DAY.
12. CONSTRUCTION WORK ZONE TRAFFIC SIGNS SHALL BE FURNISHED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE REGULATORY AGENCIES HAVING JURISDICTION. A TRAFFIC CONTROL PLAN, PREPARED BY THE CONTRACTOR, MAY BE REQUIRED BY THE CITY OR STATE. "CONSTRUCTION AHEAD" WARNING SIGNS ARE TO TO BE INSTALLED ALONG ADJACENT ROADS OR DRIVEWAYS. FLASHERS WITH CAUTION TAPE ARE TO BE INSTALLED WHERE ANY CONSTRUCTION ACTIVITY CROSSES A SIDEWALK OR PEDESTRIAN PATH IN ACCORDANCE WITH THE SPECIFICATIONS AND ANY OR ALL LOCAL REGULATIONS.
13. AREAS ON THE SITE TO BE GRADED SHALL BE CLEARED AND GRUBBED OF ALL VEGETATION AND DEBRIS. THESE MATERIALS SHALL BE STOCKPILED IN THE DISCARD AREA DESIGNATED BY THE OWNER BEHIND THE FIRE TURN-AROUND.
14. SURFACE SOILS WITHIN THE PROJECT LIMITS CONTAINING ROOTS AND ORGANIC MATTER SHALL BE STRIPPED DOWN AND STOCKPILED OR DISCARDED AS DIRECTED BY THE OWNER OR ENGINEER. DEEPER STRIPPING WHERE REQUIRED TO REMOVE WEAK SOILS OR ACCUMULATIONS OR ORGANIC MATTER, SHALL BE PERFORMED WHEN DETERMINED BY THE ENGINEER OR OWNER'S AUTHORIZED REPRESENTATIVE. STRIPPING SHALL BE REMOVED FROM THE SITE OR STOCKPILED AT A LOCATION DESIGNATED BY THE OWNER.
15. THE GROUND SURFACE EXPOSED BY STRIPPING SHALL BE SCARIFIED TO A MINIMUM DEPTH OF EIGHT INCHES (8"). MOISTURE CONDITIONED TO THE PROPER MOISTURE CONTENT FOR COMPACTION, AND COMPACTED AS REQUIRED FOR COMPACTED FILL. RECOMPACTION SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING FILL.
16. NO STOPPING, PARKING, OR STORING OF CONSTRUCTION MATERIALS IN THE PUBLIC STREETS /ROADS, RIGHTS-OF-WAY, OR ANY DRIVEWAY IS ALLOWED.
17. THE CONTRACTOR SHALL RESTORE ALL ROADWAY SURFACES TO EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO EXCAVATION AS DETERMINED BY AGENCY, OWNER, AND/OR ENGINEER.
18. CONTRACTOR SHALL RESTORE ANY VEGETATIVE COVER DISTURBED DURING CONSTRUCTION ACTIVITY USING A SEED MIXTURE APPROVED BY THE CITY OF HELENA, AND SHALL BE REQUIRED TO ENSURE IT'S PLANTED DURING AN APPROPRIATE SEASON AND WATERED FOR SUFFICIENT TIME TO ESTABLISH ROOT MASS. LATE FALL AND WINTER PLANTING MAY BE ALLOWED IF APPROVED BY THE CITY AND ENGINEER. DISTURBED AREAS THAT CONVEY SURFACE WATER SHALL REQUIRE THE INSTALLATION OF EROSION CONTROL MATTING.
19. ASPHALT, CONCRETE CURB AND SIDEWALK SHALL BE SAW CUT OR NEAT CUT AS APPROVED BY AGENCY AND/OR ENGINEER.
20. THE CONTRACTOR SHALL UTILIZE COMPACTION EQUIPMENT SUITABLE FOR THE SOIL TYPES AND SURFACE MATERIALS ENCOUNTERED ON THE PROJECT.
21. SUBGRADE, SUB-BASE, BASE, AND SURFACE COURSE COMPACTION SHALL CONFORM TO ALL APPLICABLE SPECIFICATIONS NOTED IN THE MPWSS; CITY OF HELENA ENGINEERING STANDARDS.
22. CONCRETE SHALL BE CLASS M-4000 UNLESS OTHERWISE SPECIFIED.
23. CONTRACTION JOINTS SHALL BE CONSTRUCTED BY SAWING OR SCORING. WHEN SCORING, A TOOL SHALL BE USED THAT WILL LEAVE CORNERS ROUNDED AND TO DESTROY AGGREGATE INTERLOCK FOR SPECIFIED MINIMUM DEPTH.
24. GRADE ELEVATIONS INDICATED BY "XX.XX" ON PLANS ARE + 4700' TO PROJECT DATUM.
25. SIDE SLOPES FROM DRIVE AND PARKING AREAS SHALL BE 4:1 MAX UNLESS OTHERWISE SPECIFIED.
26. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT THERE IS A CONSTRUCTION PERMIT APPROVED BY THE MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ) OR LOCAL GOVERNING AGENCY AS APPROPRIATE FOR THE CONTROL OF STORM WATER RUNOFF. IF THERE IS NOT AN APPROVED PERMIT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY APPROVALS FROM MDEQ OR THE LOCAL GOVERNING AGENCY.
27. CONTRACTOR IS RESPONSIBLE FOR PROJECT DUST CONTROL.
28. ALL PEDESTRIAN ROUTES MUST MEET ADA GUIDELINES AND PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG).
29. ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM RUNNING SLOPE OF 5% AND A MAX CROSS SLOPE OF 2%.
30. PEDESTRIAN RAMPS WITH SLOPES GREATER THAN 5% AND LESS THAN 8.33% (1:12) MUST NOT EXCEED SIX INCHES IN RISE. RUNNING SLOPE CANNOT EXCEED 8.33%.

GENERAL UTILITY NOTES:

1. THE LOCATION, DEPTH, AND SIZE OF EXISTING UTILITIES SHOWN ON THESE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTENCE, LOCATION, DEPTH, SIZE, LINE, AND GRADE OF EXISTING UTILITY CONNECTIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING FACILITIES DUE TO FAILURE TO LOCATE OR PROVIDE PROPER PROTECTION WHEN LOCATION IS KNOWN.
2. LOCATION OF SITE UTILITIES SHALL BE VERIFIED BY GENERAL CONTRACTOR AND THE UTILITY COMPANY PROVIDING SERVICE. ANY PROPOSED ADJUSTMENTS TO DRY UTILITY LOCATION SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. PRIOR TO SUBMITTING PIPING DRAWINGS FOR ANY NEW PIPE THAT IS TO CONNECT TO AN EXISTING PIPE OR STRUCTURE, THE CONTRACTOR SHALL EXPOSE THE EXISTING PIPE OR STRUCTURE TO VERIFY ITS EXACT LOCATION, SIZE, MATERIALS, INVERT ELEVATIONS, AND GRADE.
4. THE CONTRACTOR SHALL NOTIFY THE MONTANA ONE CALL CENTER @ 811 OR (800) 551-8344 FOR ON-SITE UTILITY LOCATION. ALL KNOWN EXISTING UTILITIES SHALL BE MARKED BEFORE DIGGING. CONTRACTOR SHALL BE REQUIRED TO REFRESH ONE CALL LOCATES AS REQUIRED BY STATE LAW.
5. SITE TO BE ROUGH GRADED PRIOR TO INSTALLATION OF UTILITIES TO ASSURE 6.5 FEET (78 INCHES) OF MINIMUM COVER ON BURIED WATER PIPING OR DEEPER AS SPECIFIED. IF 6.5 FEET OF MINIMUM COVER CANNOT BE OBTAINED, INSULATION OF BURIED WATER PIPING SHALL BE REQUIRED. INSULATION SHALL BE REQUIRED IF "OPEN AIR FACITIES" (I.E., STORM DRAIN, IRRIGATION CULVERTS) CROSS WATER LINES PER THE TYPICAL DETAIL INCLUDED.
6. TRACER WIRE IS REQUIRED TO BE INSTALLED ALONG ALL NON-LINEAR/ NON-PARALLEL WATER MAINS AND TERMINATED AS REQUIRED BY THE CITY OF HELENA. 1
7. GENERAL CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER ANY UTILITY SYSTEM PRIOR TO INSTALLATION.
8. ANY EXISTING OR NEW VALVES WHICH CONTROL THE CITY OF HELENA'S WATER SUPPLY SHALL BE OPERATED BY CITY OF HELENA PERSONNEL ONLY.
9. THE CONTRACTOR SHALL NOTIFY THE WATER DEPARTMENT A MINIMUM OF 24-HOURS PRIOR TO BEGINNING ANY WORK.
10. SEWER AND WATER CONNECTIONS TO BUILDINGS SHALL BE PERFORMED BY A LICENSED PLUMBER.
11. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL TAP AND TIE-IN FEES REQUIRED, AS WELL AS THE COST OF UNDERGROUND SERVICE CONNECTIONS TO THE BUILDING.
12. ALL GRAVITY SANITARY SEWER MAIN PIPING SHALL BE SDR 35 PVC IN ACCORDANCE WITH ASTM D3034, UNLESS OTHERWISE NOTED. SANITARY SEWER SERVICES SHALL BE SDR 26 IN ACCORDANCE WITH ASTM D3034.
13. ALL STORM SEWER PIPING SHALL BE REINFORCED CONCRETE PIPE OR SDR 35 PVC, UNLESS OTHERWISE NOTED ON PLANS.
14. WATER MAIN AND FIRE SERVICE PIPE MATERIAL SHALL BE CLASS 51 DUCTILE IRON MEETING AWWA C151. DUCTILE IRON PIPE AND FITTING SHALL HAVE V-BIO ® ENHANCED POLYETHYLENE ENCASEMENT FOR CORROSION PROTECTION.
15. DOMESTIC WATER SERVICE PIPE MATERIAL SHALL BE TYPE "K" FOR SERVICES LESS THAN 4 INCHES IN DIAMETER, AND CLASS 51 DUCTILE IRON MEETING AWWA C151 FOR SERVICES 4 INCHES IN DIAMETER OR LARGER. DUCTILE IRON PIPE AND FITTING SHALL HAVE V-BIO ® ENHANCED POLYETHYLENE ENCASEMENT FOR CORROSION PROTECTION UNLESS OTHERWISE SPECIFIED.
16. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
17. THE DISPLAYED PIPE LENGTH REFLECTS THE DISTANCE FROM INSIDE-EDGE-OF-MANHOLE TO INSIDE-EDGE-OF-MANHOLE ON ALL GRAVITY PIPING. THE PIPE GRADES SHOWN ARE CALCULATED FROM ACTUAL DISTANCES.
18. CONTRACTOR SHALL LAY GRAVITY AND PRESSURE PIPE AT UNIFORM GRADE BETWEEN INDICATED ELEVATION POINTS.
19. SIZE OF FITTINGS SHOWN ON DRAWINGS SHALL CORRESPOND TO ADJACENT STRAIGHT RUN OF PIPE, UNLESS OTHERWISE INDICATED. TYPE OF JOINT AND FITTING MATERIAL SHALL BE THE SAME AS SHOWN FOR ADJACENT STRAIGHT RUN OF PIPE.
20. THRUST BLOCKS ARE NOT GENERALLY SHOWN ON THE DRAWINGS. ALL FITTINGS, INCLUDING BENDS EQUAL TO OR GREATER THAN ELEVEN AND ONE-QUARTER DEGREES (11.25°), TEES, AND PLUGS, SHALL BE MECHANICALLY RESTRAINED AND HAVE BELL RESTRAINTS WITHIN THE DISTANCE SHOWN ON THE INCLUDED JOINT RESTRAINT TABLE. CONTRACTOR MAY ELECT TO INSTALL THRUST BLOCKS IN CONFORMANCE WITH MPWSS AND THE CITY OF HELENA ENGINEERING STANDARDS IF APPROVED IN ADVANCE BY THE ENGINEER.
21. ALL VALVES SHALL BE MECHANICALLY RESTRAINED AND HAVE BELL RESTRAINTS WITHIN THE DISTANCE SHOWN ON THE INCLUDED JOINT RESTRAINT TABLE. ALTERNATIVELY, VALVES MAY BE INSTALLED WITH THRUST BLOCKING. VALVE BOXES SHALL BE PROVIDED IN ACCORDANCE WITH CITY OF HELENA STANDARDS AND MPWSS. 1
22. VALVE BOXES ARE REQUIRED FOR ALL VALVES IN A BURIED SERVICE.
23. THE CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING VALVE BOXES, CURB BOXES, AND MANHOLES TO FINAL GRADE UPON COMPLETION OF ALL CONSTRUCTION. ANY BOXES OR MANHOLES DAMAGED OR OTHERWISE DISTURBED BY THE CONTRACTOR OR ANY SUBCONTRACTOR SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR. THIS WORK SHALL BE INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT WILL NOT BE MADE.
24. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL ELECTRICAL PERMITS/FEES.

ALLOWANCES:

ALLOWANCE #1 - NORTHWESTERN ENERGY UPGRADES

THE COST OF NORTHWESTERN ENERGY ELECTRICAL WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND WORK INTO THEIR CONSTRUCTION SCHEDULE. THE SCOPE OF THE WORK WILL BE THE REMOVAL OF THE EXISTING NORTHERN POWER POLE WITHIN THE NEW BUILDING FOOTPRINT, TRENCHING, THE RELOCATION OF THE BURIED POWER UNDERGROUND NORTH TO THE EXISTING BUILDING AND PLACEMENT OF NEW PAD MOUNTED TRANSFORMER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS WORK WITH NWE AND INCORPORATE IT INTO THE CONSTRUCTION SCHEDULE.

ELECTRONIC FILES:

IF THE CONTRACTOR UTILIZES A COMPUTERIZED GRADE CONTROL SYSTEM WHEN GRADING/FINISHING SUBGRADE, SUB-BASE COURSE AND BASE COURSE, UTILITIES, CURB AND GUTTER, OR FOR CONSTRUCTING ANY OTHER FEATURE OR FOR ANY OTHER PURPOSE, THEN THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPING THEIR OWN MACHINE CONTROL FILES. THE CONTRACTOR MAY CREATE THIS DATA FROM SUPPLEMENTAL CAD INFORMATION AND THE INFORMATION PROVIDED ON THE PLANS IN THE CONTRACT DOCUMENTS. THE ENGINEER MAY PROVIDE THE CONTRACTOR SUPPLEMENTAL CAD INFORMATION IN THE FORM OF AN XML SURFACE AND/OR CAD LINE WORK (DERIVED FROM AUTOCAD CIVIL 3D). THE XML SURFACE AND/OR CAD LINE WORK DEVELOPED BY THE ENGINEER WAS PREPARED SOLELY FOR THE PURPOSE OF DEVELOPING THE PRINTED PLANS AND WAS NOT DEVELOPED FOR ANY OTHER USE. ELECTRONIC DATA PROVIDED TO THE CONTRACTOR IS CURRENT AS OF THE TIME TRANSMITTED TO THE CONTRACTOR AND MAY NOT INCLUDE LATER REVISIONS MADE AND COMMUNICATED ON THE CONSTRUCTION PLANS.

THE CONTRACTOR SHALL SIGN AND PROVIDE AN MMI-SPECIFIC ELECTRONIC INFORMATION RELEASE FORM WHEN REQUESTING THE SUPPLEMENTAL CAD INFORMATION AND SHALL RECOGNIZE THAT THE PRINTED PLANS AND SPECIFICATIONS AND INFORMATION FOUND THEREIN ARE THE CONTRACT DOCUMENTS AND AS SUCH, THEY GOVERN OVER ANY CAD INFORMATION PROVIDED. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY USE OF THIS CAD INFORMATION OR MODIFICATIONS MADE THERETO.

LEGEND

- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN FACILITIES
- EXISTING FIBER/TELEPHONE FACILITIES
- EXISTING ELECTRICAL FACILITIES
- EXISTING GAS FACILITIES
- EXISTING WELL
- EXISTING TRAFFIC SIGN
- EXISTING RCP CULVERT
- EXISTING STORM SEWER MAIN (ESD)
- EXISTING SAN SEWER MAIN (ES)
- EXISTING SAN SEWER SERVICE (ESS)
- EXISTING FIBER OPTIC (BF)
- EXISTING UNDERGROUND POWER (BP)
- EXISTING UNDERGROUND TELEPHONE (T)
- EXISTING GAS LINE (NG)
- EXISTING 8" WATER MAIN (8W)
- EXISTING 12" WATER MAIN (12W)
- EXISTING BUILDING
- EXISTING BUILDING ROOF
- EXISTING CONCRETE
- EXISTING CURB FACE
- EXISTING CURB FLOWLINE
- EXISTING TOP BACK OF CURB
- EXISTING PARKING STRIPE
- EXISTING ASPHALT
- EXISTING GRAVEL EDGE
- EXISTING SIDEWALK
- EXISTING MAJOR CONTOUR (4655)
- EXISTING MINOR CONTOUR (4654)
- PROPOSED MAJOR CONTOUR (4655)
- PROPOSED MINOR CONTOUR (4654)
- PROPOSED TELEPHONE LINE (BT)
- PROPOSED UTILITY CONDUIT (UE)
- PROPOSED GAS LINE (GAS)
- PROPOSED IRRIGATION SLEEVE (IRRIG)
- PROPOSED BUILDING
- PROPOSED CONCRETE
- PROPOSED CURB FLOWLINE
- PROPOSED TOP BACK OF CURB
- PROPOSED PARKING STRIPE
- PROPOSED ASPHALT
- PROPOSED GRAVEL EDGE
- PROPOSED SIDEWALK
- PROPOSED GRAPHICAL SIDEWALK JOINT
- PROPOSED ASPHALT GRADE BREAK
- PROPOSED PEDESTRIAN CORRIDOR EASEMENT
- PROPOSED PEDESTRIAN CORRIDOR SETBACK
- PROPOSED BUILDING SETBACK
- PROPOSED PARKING SETBACK
- PROPOSED SPECIAL RESIDENTIAL SETBACK
- PROPOSED PUBLIC UTILITY EASEMENT
- PROPOSED WATER CURB STOPS
- PROPOSED BLOWOFF
- PROPOSED SAN SEWER CLEANOUTS
- PROPOSED STORM DRAIN INLET
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN (SD)
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED GRAVITY 8" SEWER MAIN (8S)
- PROPOSED GRAVITY SANITARY SERVICE
- PROPOSED 8" WATER MAIN (8W)
- PROPOSED WATER SERVICE (WS)
- PROPOSED FIRE SERVICE (FIRE)
- PROPOSED FIRE HYDRANT
- PROPOSED BOLLARDS
- PROPOSED STREET SIGNS
- PROPOSED LIGHT FIXTURES
- FUTURE WATER SERVICE
- FUTURE SEWER SERVICE

ABBREVIATIONS

ABDN	ABANDON
AC	ASPHALTIC CONCRETE, ALUMINUM CAP
ADA	AMERICANS WITH DISABILITIES ACT
ADDL	ADDITIONAL
ADJ	ADJACENT, ADJUST
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECTURE, ARCHITECTURAL
ARCP	ARCHED REINFORCED CONCRETE PIPE
ASPH	ASPHALT
AVG	AVERAGE
BC	BUILDING CORNER
BFF	BELOW FINISHED FLOOR
BH	BOREHOLE
BLDG	BUILDING
BLK	BLOCK
BM	BENCHMARK
BRG	BEARING
BW	BOTTOM OF WALL
CHK	CHECK
CI	CAST IRON
CIPC	CAST IN-PLACE CONCRETE
CIRC	CIRCULAR
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNITS
CO	CLEANOUT
COH	CITY OF HELENA
COMB	COMBINATION
CONC	CONCRETE
CONN	CONNECT, CONNECTION
COORD	COORDINATE
CP	CONTROL POINT
CPP	CORRUGATED PLASTIC PIPE
CSP	CORRUGATED STEEL PIPE
CTR	CENTER
CU	CUBIC
CU FT, CF	CUBIC FEET
CU IN	CUBIC INCH
CULV	CULVERT
CU YD	CUBIC YARD
D & L	D&L FOUNDRY AND SUPPLY
DBL	DOUBLE
DI	DUCTILE IRON, DRAIN INLET
DIA, Ø	DIAMETER
DIM	DIMENSION
DIR	DIRECTION
DTL	DETAIL
DWG	DRAWING
E	EAST
EA	EACH, EDGE OF ASPHALT
EC	EDGE OF CONCRETE
EG	EDGE OF GRAVEL, EXISTING GROUND
EJIW	EAST JORDAN IRON WORKS
EL, ELEV	ELEVATION
ELEC	ELECTRIC, ELECTRICAL
ENGR	ENGINEER
EP	EDGE OF PAVEMENT
EXC	EXCAVATE
EX	EXISTING
EXT	EXTERIOR
FD	FLOOR DRAIN
FDN	FOUNDATION
FES	FLARED END SECTION
FET	FLARED END TERMINAL
FF	FINISHED FLOOR
FG	FINISHED GRADE
FHYD	FIRE HYDRANT
FL	FLOWLINE
FLR	FLOOR
FT	FOOT, FEET
FTG	FOOTING
GA	GAGE, GAUGE
GAL	GALLON
GB	GRADE BREAK
GFA	GROSS FLOOR AREA
GND	GROUND
GSP	GALVANIZED STEEL PIPE
GVL	GRAVEL
HC	HANDICAP
HDPE	HIGH DENSITY POLYETHYLENE
HORIZ	HORIZONTAL
HP	HIGH POINT
HT	HEIGHT
HWY	HIGHWAY
HYD	HYDRANT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCH
INSUL	INSULATE
INT	INTERIOR
INV	INVERT
LAT	LATITUDE
LF	LINEAR FEET
LONG	LONGITUDE, LONGITUDINAL
LT	LEFT
LVL	LEVEL
MATL	MATERIAL
MAX	MAXIMUM
MDT	MONTANA DEPARTMENT OF TRANSPORTATION
MECH	MECHANICAL
MEG	MATCH EXISTING GRADE
MFD	MANUFACTURED
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
N	NORTH
NE	NORTHEAST
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
NW	NORTHWEST
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHP	OVERHEAD POWER
PC	POINT OF CURVE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PRELIM	PRELIMINARY
PROP	PROPERTY
PT	POINT, POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
RACET	ROAD APPROACH CULVERT END TERMINAL
R, RAD	RADIUS
RC	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD, ROOF DRAIN
REF	REFERENCE
REQD	REQUIRED
RT	RIGHT
R/W	RIGHT-OF-WAY
S	SOUTH
SAN	SANITARY
SCH	SCHEDULE
SD	STORM DRAIN
SE	SOUTHEAST
SEC	SECTION
SPEC	SPECIFICATION
SQ	SQUARE
SQ FT, SF	SQUARE FOOT
SQ IN	SQUARE INCH
STA	STATION
SS	SANITARY SEWER
STD	STANDARD
SVC	SERVICE
SW	SIDEWALK, SOUTHWEST
TB	THRUST BLOCK
TBC	TOP BACK OF CURB
TEMP	TEMPORARY, TEMPERATURE
TOC	TOP OF CONCRETE
TRANS	TRANSITION
TW	TOP OF WALL
TYP	TYPICAL
UG	UNDERGROUND
UTIL	UTILITY
VERT	VERTICAL
VOL	VOLUME
VPD	VEHICLES PER DAY
W	WEST
W/	WITH
W/O	WITHOUT
WL	WATERLINE
TR	WATER
WSEL	WATER SURFACE ELEVATION
WV	WATER VALVE
XFMR	TRANSFORMER
YD	YARD

NOTE:

FOR ABBREVIATIONS NOT LISTED, CONTACT THE ENGINEER.

PROJECT CONTACT LIST

ENTITY	FIRM OR AGENCY	ADDRESS	CONTACT	PHONE & EMAIL
CITY ENGINEERING	CITY OF HELENA ENGINEERING DIVISION	316 N PARK AVE, HELENA, MT 59601	JAMIE CLARK	(406) 447-8098 jclark@helenamt.gov
CITY PLANNING & ZONING	CITY OF HELENA PLANNING DEPARTMENT	316 NORTH PARK AVENUE HELENA, MT 59715	ELLIE RAY	(406) 447-8491
ENGINEER OF CONTENT	MORRISON-MAIERLE, INC.	2880 TECHNOLOGY BLVD W BOZEMAN, MT 59771-1113	CELINE SAUCIER	(406) 922-6822 csaucier@m-m.net
ENVIRONMENTAL	MORRISON-MAIERLE, INC.	2880 TECHNOLOGY BLVD W BOZEMAN, MT 59771-1113	CHRISTINE PEARCY	(406) 587-0721 cpearcy@m-m.net
ARCHITECT	MMW ARCHITECTS	125 WEST ALDER STREET MISSOULA, MT 59802	JACOB WRIGHT	(406) 543-5800 jacob@mmwarchitects.com
OWNER	MONTANA WILD - FWP	2668 BROADWATER AVE HELENA MT 59602		

CIVIL SHEET INDEX

NUMBER	SHEET NAME
CN001	GENERAL NOTES
CS001	EXISTING SITE
CD001	DEMOLITION PLAN
CS002	SITE & UTILITY PLAN
CS002	SITE & UTILITY PLAN
CU100	CIVIL DETAILS
CU101	CIVIL DETAILS

Know what's below. Call before you dig.

MONTANA — CELINE M SAUCIER — No. 19499 — LICENSED PROFESSIONAL ENGINEER — 12/18/2024

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HELENA, MT

REVISION SCHEDULE		
#	DESCR	DATE
1	Addendum 1	1/23/25

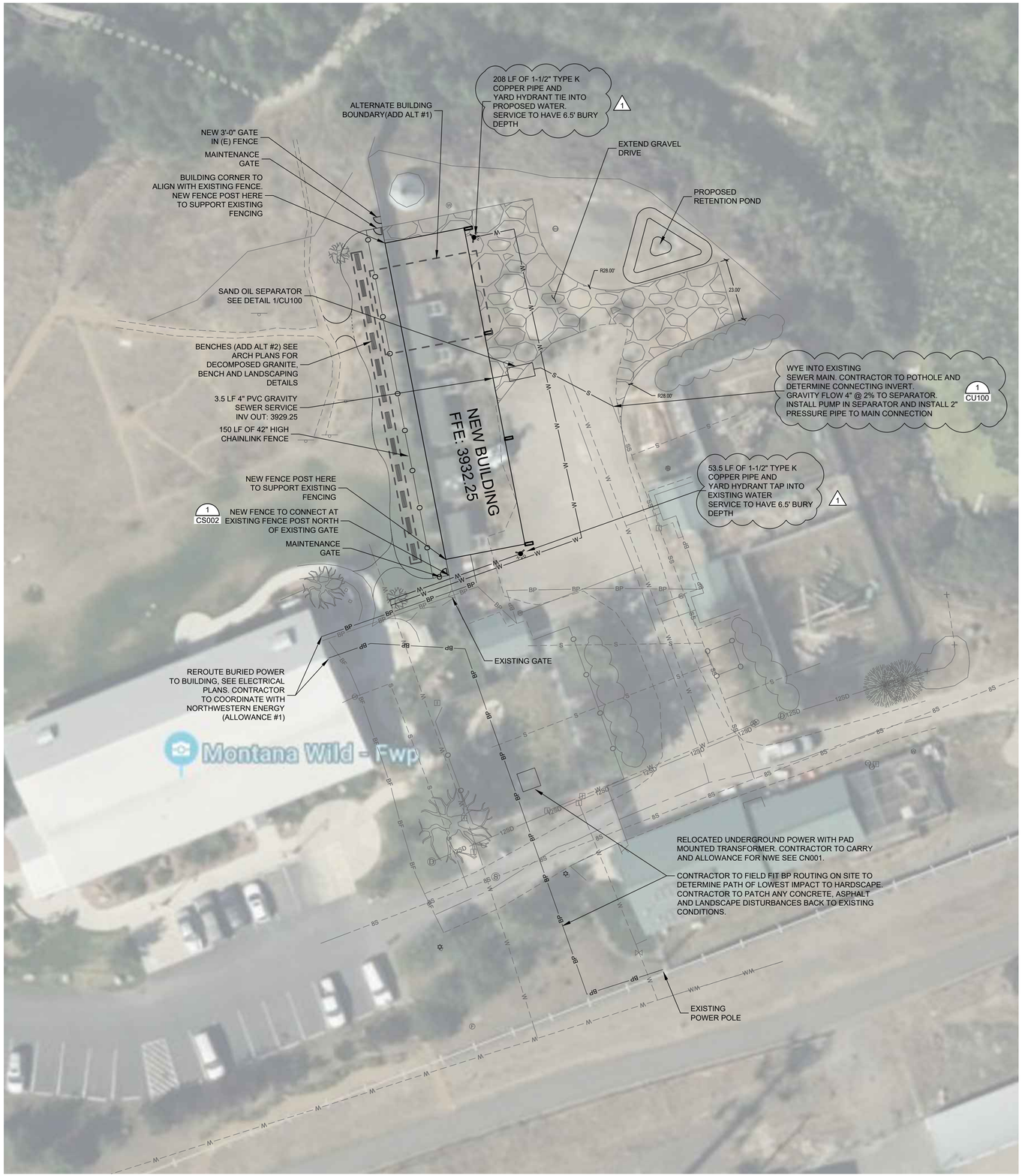
PROJECT # 24.022

DATE 12.18.2024

GENERAL NOTES

CN001

A/E #: 2023-35-05



GENERAL NOTES:

1. ALL IMPROVEMENTS ON THIS PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH THE MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS, 6TH EDITION DATED APRIL 2010 (MPWSS); THE CITY OF HELENA STANDARDS; AND THE PROJECT SPECIFICATIONS.
2. THE CONTRACTOR SHALL RESTORE ALL ROADWAY SURFACES TO EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO EXCAVATION AS DETERMINED BY AGENCY, OWNER, AND/OR ENGINEER.
3. ALL TEXT AND FEATURES SHOWN SHADED ARE EXISTING.
4. BASE COURSE AND SUBGRADE SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698.
5. CONCRETE SPLASH PADS AT BUILDING DOWNSPOUTS

1 CS002 FENCE POST CONNECTION LOCATION
NTS

N

20 10 0 20 40
SCALE IN FEET

MONTANA
CELINE M SAUCIER
No. 19439
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12/18/2024

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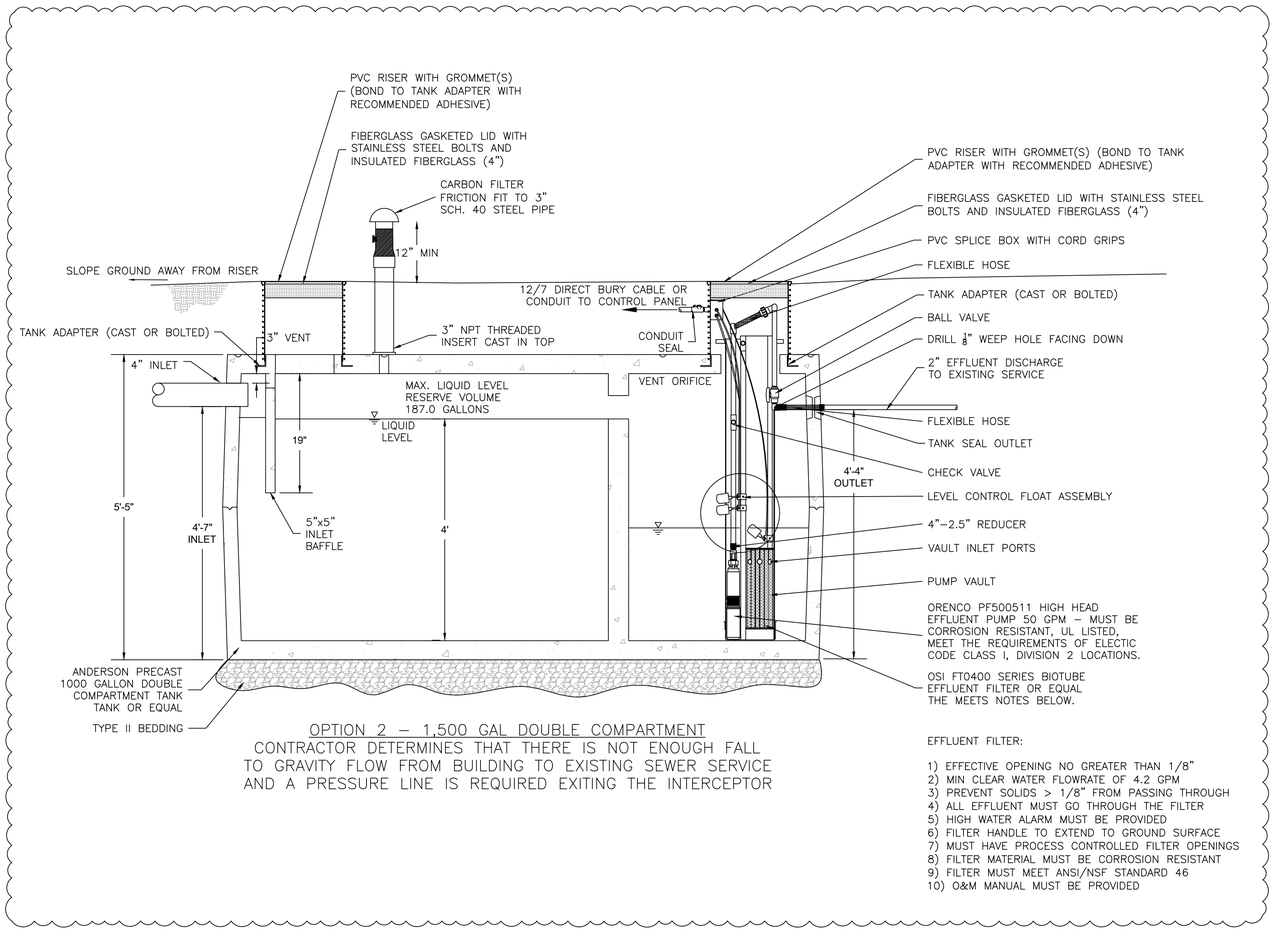
HELENA, MT

REVISION SCHEDULE		
#	DESCR	DATE
1	Addendum 1	1/23/25

PROJECT # 24.022
DATE 12.18.2024

SITE & UTILITY PLANS

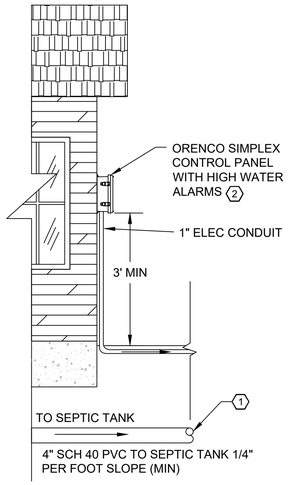
CS002
A/E #: 2023-35-05



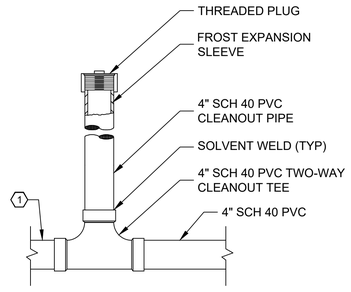
OPTION 2 – 1,500 GAL DOUBLE COMPARTMENT
CONTRACTOR DETERMINES THAT THERE IS NOT ENOUGH FALL TO GRAVITY FLOW FROM BUILDING TO EXISTING SEWER SERVICE AND A PRESSURE LINE IS REQUIRED EXITING THE INTERCEPTOR

1

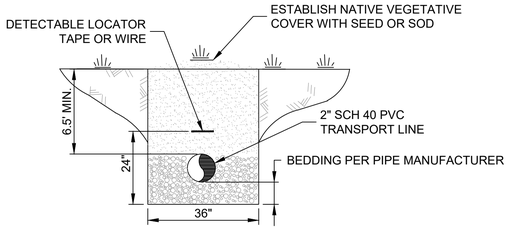
1 DOUBLE COMPARTMENT SAND/OIL INTERCEPTOR
CU100



1 CONTROL PANEL DETAIL
NOT TO SCALE



2 TWO-WAY CLEANOUT DETAIL
NOT TO SCALE



4 TRANSPORT PIPE TRENCH DETAIL (NOT UNDER ASPHALT)
NOT TO SCALE

GENERAL NOTES:

1. ALL IMPROVEMENTS ON THIS PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH THE MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS, SEVENTH EDITION DATED APRIL 2021 (MPWSS).
2. ONSITE WASTEWATER TREATMENT SYSTEM COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY CIRCULAR DEQ 4, 2023 EDITION, AND LEWIS AND CLARK COUNTY WASTEWATER SYSTEM REGULATIONS
3. EXISTING FACILITIES ARE SHOWN WITH APPROXIMATE LOCATIONS AND ELEVATIONS BASED ON INFORMATION AVAILABLE. FIELD VERIFY AND COORDINATE PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY QUANTITIES, EXISTING PIPE ELEVATIONS, AND EXISTING PIPE TYPES PRIOR TO ORDERING MATERIALS AND AND BEGINNING CONSTRUCTION.
5. THE CONTRACTOR SHALL AT ALL TIMES TAKE WHATEVER MEASURES ARE NECESSARY TO ASSURE THE PROPER CONTAINMENT AND DISPOSAL OF POLLUTANTS ON THE SITE IN ACCORDANCE WITH ANY AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
6. THE CONTRACTOR SHALL NOTIFY THE MONTANA ONE CALL CENTER @ 811 OR (800) 551-8344 FOR ON-SITE UTILITY LOCATION. ALL KNOWN EXISTING UTILITIES SHALL BE MARKED BEFORE DIGGING.
7. INSTALLER SHALL HOLD A CURRENT LEWIS AND CLARK COUNTY SEPTIC SYSTEMS INSTALLER'S LICENSE AND SHALL OBTAIN REQUIRED INSPECTIONS BY THE HEALTH DEPARTMENT AND CERTIFYING ENGINEER.
8. PRIOR TO CLOSE OF CONTRACT, CONTRACTOR SHALL SEED DISTURBED AREAS WITH GRASS SEED IN ACCORDANCE WITH THE SPECIFICATIONS.
9. NO WATER SOFTENERS OR HOT TUB EFFLUENT SHALL BE ALLOWED TO ENTER SEPTIC SYSTEM. NOTIFY ENGINEER IMMEDIATELY IF EFFLUENT IS OTHER THAN "RESIDENTIAL STRENGTH."
10. MAXIMUM TANK COVER IS 4 FEET. APPLICATIONS REQUIRING MORE THAN 4 FEET OF COVER SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.
11. INSTALL CLEANOUTS EVERY 100' OR IF CUMULATIVE BENDS EXCEED 135 DEGREES. PROVIDE 2-45 DEGREE FITTINGS WHERE 90 DEGREE BENDS SHOWN ON PLANS.
12. CONTRACTOR SHALL SCHEDULE SQUIRT TEST WITH HEALTH DEPARTMENT AND CERTIFYING ENGINEER WITHIN 48 HOURS PRIOR TO COVERING DISTRIBUTION LATERALS.
13. ALL TANKS SHALL BE TESTED IN PLACE FOR WATER TIGHTNESS PER DEQ-4 5.1.7.1.

KEY NOTES:

(1) PVC PIPE SHALL BE SCHEDULE 40, TYPE 1, OR CLASS 12454-B, CONFORMING TO ASTM D1784 AND D1785. PIPE SHALL HAVE A PRESSURE RATING OF 250 PSI AT 73 DEGREES F.

(2) CONNECT TO GRAVITY SEWER FROM PROPOSED BUILDING.

(3) RIM ELEVATION NOTED ON THE UTILITY SHEET FOR THE TANK. PROVIDE GRADE RINGS AS NEEDED.

(4) ALL TRANSPORT PIPING SHALL BE BURIED AT >6.5' DEEP FOR FROST PROTECTION AS DIRECTED BY THE ENGINEER. PROVIDE INSULATION (DOW HIGHLOAD 40 OR ENGINEER APPROVED EQUAL) OVER TRANSPORT PIPING AT THE DOSE TANK AND MANIFOLD WHERE 6.5' OF COVER IS NOT MET.

MONTANA
CELINE M SAUCER
No. 19499
LICENSED PROFESSIONAL ENGINEER
12/18/2024

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FWP AVIAN REHAB
2668 BROADWATER AVE
HELENA, MT

REVISION SCHEDULE		
#	DESCR	DATE
1	Addendum 1	1/23/25

PROJECT # 24.022
DATE 12.18.2024

CIVIL DETAILS

CU100
A/E #: 2023-35-05

LUMINAIRE SCHEDULE

NOTES:

1. PRIOR SUBMITTAL NOT REQUIRED. ALL ALTERNATE FIXTURE SHOP DRAWINGS WILL BE REVIEWED AFTER THE PROJECT IS AWARDED.
2. PRIOR SUBMITTAL IS REQUIRED.
3. ALTERNATE FIXTURE IS NOT ACCEPTED FOR SUBSTITUTIONS.
4. PROVIDE 0-10V DIMMING, DOWN TO 10% LUMEN OUTPUT, MINIMUM.
5. PROVIDE FUSING.
6. VERIFY FINISH WITH ARCHITECT.
7. PROVIDE WITH REMOTE 12V STEP-DOWN TRANSFORMER.
8. CIRCUIT VIA TYPE EM INVERTER.
9. LAMP DATA IS FOR 4' CROSS-SECTION OF FIXTURE.
10. MOUNT BOTTOM OF FIXTURE CENTERED AT 6" ABOVE TOP OF MIRROR. SEE ARCHITECT ELEVATIONS.

GENERAL NOTES:

A. ALL LUMINAIRES SHALL BE TESTED AND LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) SUCH AS UL OR ETL. ALL LUMINAIRES SHALL HAVE DESIGN LIGHTS CONSORTIUM (DLC) CERTIFICATION AND/OR ENERGY STAR RATING.
B. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CEILING TYPES AND PROVIDE ALL MOUNTING, FIRE-RATED, AND IC-RATED ACCESSORIES AS REQUIRED. FOR FIRE-RATED CEILING ASSEMBLIES AND FOR CEILINGS WITH INSULATION, VERIFY ALL RECESSED
C. LUMINAIRE HOUSINGS ARE RATED APPROPRIATELY OR PROVIDE DROP-OVER ENCLOSURES OR TENTS FOR LUMINAIRES. VERIFY THAT DROP-OVER ENCLOSURES OR TENTS ALLOW FOR AIR SPACE AROUND LUMINAIRE PER MANUFACTURER'S RECOMMENDATIONS.

TYPE	LAMPS	LOAD (WATTS)	OUTPUT (LM, NOMINAL)	CCT (KELVIN)	DESCRIPTION	MFR	CATALOG NO. OR SERIES	FINISH	MOUNTING	VOLTAGE	NOTES
E1E	LED	5 W	NA	NA	EMERGENCY LIGHTING UNIT	LITHONIA	ELM4L-B	BLACK	WALL	120 V	1
F1	LED	32 W	5000	5000	4' LENSED STRIP FIXTURE	LITHONIA	CLX-L48-5000LM-SEF-SBLW-FDL-WD-MVOLT-GZ1-5 0K-90CRI-MB	BLACK	SURFACE	120 V	1
W1E	LED	18 W	700	3000	ARCHITECTURAL WALL SCONCE WITH EMERGENCY BATTERY BACKUP. INTEGRAL PHOTOCELL. MOUNT 8'-0" ABOVE FINISHED GRADE	LITHONIA	WDGE2-LED-P0-30K-80CRI-VW-MVOLT-SRM-E4WH--PE-DDBXD	DARK BRONZE	WALL	120 V	2
X1	LED	4 W	NA	NA	SINGLE FACE EXIT SIGN WITH GREEN LETTERING AND EGRESS LIGHTING. MOUNT AT 8'-0" ABOVE FINISHED FLOOR TO CENTER OF FIXTURE.	LITHONIA	LHQM-LED-B-G-HO-SD	BLACK	WALL	120 V	1

Branch Panel: AB

Location: Exterior
Supply From: Adjacent Building
Mounting: Surface
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.F.C.: 18,000
Mains Type: MCB
Mains Rating: 100 A

Notes:

CKT	Circuit Description	Load Classification	Trip	Poles	A		B		C		Poles	Trip	Load Classification	Circuit Description	CKT
1	LTG - GENERAL	Lighting	20 A	1	198	1176					1	20 A	Motor	MTR - DOSING PUMP	2
3	RCPT - GENERAL	Receptacle	20 A	1			1620	0			2	20 A	--	SPARE	4
5	RCPT - BIRD HEATER 115	Heating	20 A	1					1000	0					6
7	RCPT - BIRD HEATER 116	Heating	20 A	1	1000	0					1	20 A	--	SPARE	8
9	RCPT- BIRD HEATER 117	Heating	20 A	1			1000	0			1	20 A	--	SPARE	10
11	RCPT - BIRD HEATER 118	Heating	20 A	1					1000	0	1	20 A	--	SPARE	12
13	RCPT - BIRD HEATER 119	Heating	20 A	1	1000	0					1	20 A	--	SPARE	14
15	SPARE	--	20 A	1			0	--			1	--	--	SPACE	16
17	SPARE	--	20 A	1					0	--	1	--	--	SPACE	18
19	SPARE	--	20 A	1	0	--					1	--	--	SPACE	20
21	SPARE	--	20 A	1			0	--			1	--	--	SPACE	22
23	SPARE	--	20 A	1					0	--	1	--	--	SPACE	24
				Total Load:	3231 VA		2620 VA		2000 VA						
				Total Amps:	28 A		23 A		17 A						

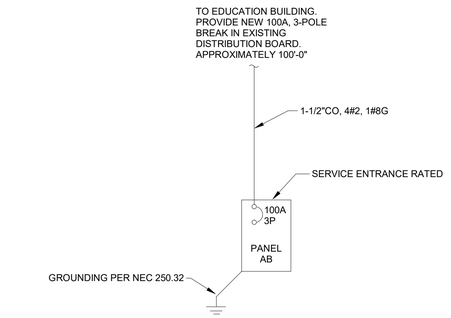
Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Heating	5000 VA	100.00%	5000 VA		
Lighting	198 VA	125.00%	248 VA	**Total Conn. Load:**	7847 VA
Motor	1176 VA	125.00%	1470 VA	**Total Est. Demand:**	8155 VA
Receptacle	1620 VA	100.00%	1620 VA	**Total Conn.:**	22 A
				Total Est. Demand:	23 A

Notes:

KEY NOTES:

1. CONTRACTOR SHALL REMOVE EXISTING CT CAN,AND METER DUE TO CODE VIOLATION. PROVIDE NEW CT CAN (WITH HINGED COVER) AND METER APPROXIMATELY 4' OF EXISTING LOCATION. NEW LOCATION SHALL BE CLEAR OF EXTERIOR STAIRS.
2. PROVIDE NEW CONDUCTS FROM CT CAN LOCATION TO NEW 800A SERVICE DISCONNET AND TO MAIN DISTRIBUTION PANEL. ROUTE NEW CONDUIT/CONDUCTORS ON EXTERIOR OF BUILDING TO EXISTING PATHWAYS TO MAIN DISTRIBUTION PANEL.
3. APPROXIMATE LOCATION OF NEW PAD MOUNTED TRANSFORMER. COORDINATE ALL REQUIREMENTS AND LOCATION WITH NORTHWESTERN ENERGY AND CIVIL DRAWINGS.



1 PARTIAL ONE-LINE DIAGRAM
N.T.S.

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REGISTERED PROFESSIONAL ENGINEER

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HELENA, MT

REVISION SCHEDULE		
#	DESCR	DATE
1	Addendum 1	1/23/25

PROJECT # 24.022
DATE 12.18.2024

ELECTRICAL DETAILS & SCHEDULES

EI501
A/E #: 2023-35-05

PROJECT NAME MT WILD Avian Rehab Building

PROJECT NUMBER 7239181

PREBID LOCATION MT WILD

PRE-BID DATE 1/21/2025

CONDUCTED BY FWP and MMW

NAME	REPRESENTING	MAILING ADDRESS	PHONE	EMAIL
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JASON KRETH	HELENA SAND & GRAVEL	2209 AIRPORT RD HELENA MT 59601	406-594-5904	JASON.KRETH@HELENASG.COM
GEDDY PARKER	ASCENSION ELECTRIC	1333 Cherry Ave Helena, MT 59601	406-750-3517	ascensionelectriccorp@gmail.com

PROJECT NAME MT WILD Avian Rehab Building

PREBID LOCATION MT WILD

CONDUCTED BY FWP and MMW

PROJECT NUMBER 7239181

PRE-BID DATE 1/21/2025

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TROY FORD	GOLDEN EAGLE CONST.	505 SHEPHARD WAY HELENA 59601	406 449-7228	TROY@GECONSTRUCTION.COM
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