ADDENDUM NO. 2

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

New Premium Campsites
Watkins Woolen Mill State Park and State Historic Site
Project No. X2220-01

Bid Opening Date: 1:30 PM, Thursday, June 5, 2025 (Changed)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. No Changes

DRAWING CHANGES/CLARIFICATIONS:

1. Sheet L-501, details 1 & 3 – revise the 8-inches of Compacted Low Plasticity Structural Fill to 12-inches.

2. Sheet C-001 – notes referring to Missouri State Parks Technical Specifications and Design Criteria updated

3. Sheet C-501, C-502, C-504 – sanitary notes changed and added to update information.

4. Sheet C-601, C602, C-603 – erosion control notes revised, refer to Landscaping plans for seeding extents and specifications.

5. (NO SHEET ATTACHED – JUST CLARIFICATION)

   Sheet E-203 -Luminaire Schedule for Type B1 correct model number to "SR135-**L1W30R1**-R2-120V-GRT-PH-K3-FS-APC" Pole stays the same.

   a) **Type A1**: Approved equal LSI Lifestyle Small (XDLS) "XDLSA-3L-5R-UNV-30K8-PLP-SA5-D180-PCI120, Pole to be aluminum: 5RPB3-A125-16FT-D180-PLP with decorative cover 483859CLR as basis of design.
   b) **Type B1**: Approved equal LSI Lifestyle Small (XDLS) "XDLSA-5L-5R-UNV-30K8-PLP-SA5-S-PCI120, Pole to be aluminum: 5RPB3-A188-20FT-S-PLP with decorative cover 483859CLR as basis of design.
   c) Approved equals for fixture type A1 and B1 are subject to meeting performance requirements of basis of design.

GENERAL COMMENTS:

1. RESPONSE TO QUESTIONS:
   a) The drawings show 'PVC' on the 2" water line as well as the 6" sewer.

      Response: See specifications 333000 Part 2.2 – Sanitary Sewers and 331400 Part 2.1 – Water Utility Transmission and Distribution for permittable pipe materials for each type.

   b) Please provide a liquid asphalt index.

Response: See Specification 321216 – Asphalt Paving for asphalt details. For asphalt price index, see MoDOT (https://www.modot.org/asphalt-price-index).

c) Are the fees being charged by the electric providers supposed to be covered in our base bid? Or is it a reimbursement that we pay and then submit to the state?

Response: Refer to Section 007213 of the General Conditions Article 3.6 – Other Contractor Responsibilities - Part L.:

Unless otherwise provided and stipulated within these specifications, the Contractor shall furnish, construct, and/or install and pay for materials, devices, mechanisms, equipment, all necessary personnel, utilities including, but not limited to water, heat, light and electric power, transportation services, applicable taxes of every nature, and all other facilities necessary for the proper execution and completion of the work.

d) Platte-Clay Electric Cooperative will require an easement to extend the primary onto the property. The Missouri State Parks Real Estate Manager will perform this work.

e) Are the ARV's to be 4' or 5' manholes?

Response: ARV's to be 4' diameters.

f) Please confirm that only 2 manholes are epoxy coated?

Response: There should be 3 manholes epoxy coated: A1, B1, and B2. See added notes on sheet C-504.

g) I believe the plans call out normal castings, but the specs call out bolt down castings. Can you clarify what will be required?

Response: See specification 333000 3.10.C, bolt down castings to be used.

h) Will contractor be responsible for hiring construction staking for this project.

Response: All construction staking will be the responsibility of the contractor

i) Part of Addendum No. 1 were the drawings dated 2017 for the wastewater system upgrade. Are the wastewater upgrades already complete. Or, are they supposed to be part of this project?

Response: The 2017 system was installed and the drawings were provided for information only. They are not part of this project.

Will the Owner be responsible for the Delivery and Un-Loading of the Shower House?

Response: Contractor will be responsible for the hooking up of all utilities to the shower house.

2. The Pre-Bid Meeting was held on May 7, 2025 at 10:00 AM.
3. Please contact Paul Girouard, Contract Specialist, at 573-751-4797 or Paul.girouard@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.
4. The deadline for technical questions is **May 27, 2025** at 12:00 PM.
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. Chad Potter will be out of the office May 26-30. Please route addendum questions to Ashley Shmalberg. Email address Ashley@bevireo.com.
7. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
8. Current Plan holders list available online at https://www.oafmdcplanroom.com/projects/2792/plans/X2220-01-new-premium-campsites

9. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.
10. **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled including a bid amount for each alternate. Failure to do so will result in rejection of the bid.**
11. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**

ATTACHMENTS:

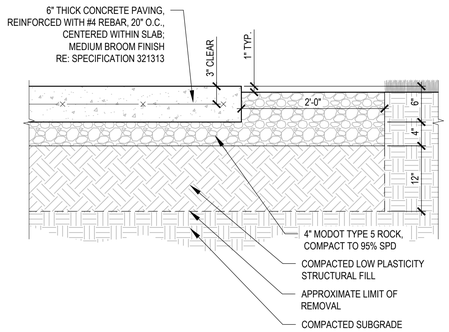
1. Sheet L-501
2. Sheet C-001
3. Sheets C-501, C-502, & C-504
4. Sheets C-601, C-602, & C-603

May 21, 2025

END OF ADDENDUM NO. 2

NOTES:

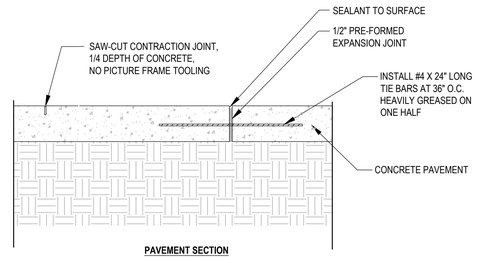
1. REFERENCE THE GEOTECHNICAL REPORT FOR SPECIFIC RECOMMENDATIONS REGARDING THE PAVEMENT SECTION.



CONCRETE PAVEMENT N.T.S. 01

NOTES:

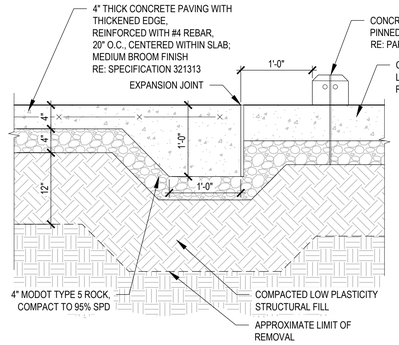
1. CONCRETE PAVEMENT TO HAVE MEDIUM BROOM FINISH PERPENDICULAR TO THE CENTERLINE OF THE CAMPSITE.
2. EXPANSION JOINTS SHALL OCCUR AS SHOWN.
3. CONTRACTION JOINTS SHALL OCCUR AS SHOWN.



PAVEMENT SECTION

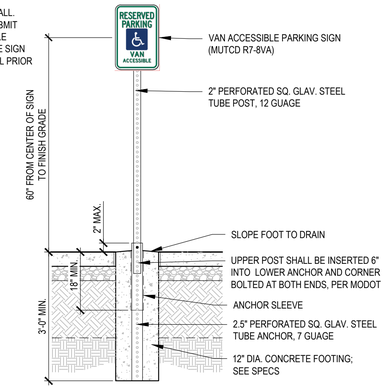
CONCRETE JOINTING N.T.S. 02

THIS DETAIL SHALL BE USED AT ALL LOCATIONS WHERE THE SIDEWALK ABUTS THE PARKING LOT

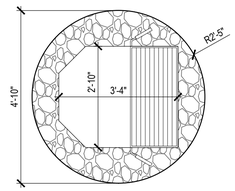


TURNED DOWN CONCRETE PAVEMENT N.T.S. 03

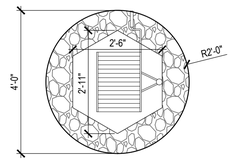
NOTE:
1. ACCESSIBLE SIGN TO BE CENTERED ON PARKING STALL.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWING AND SAMPLE ENGRAVING OF ACCESSIBLE SIGN FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.



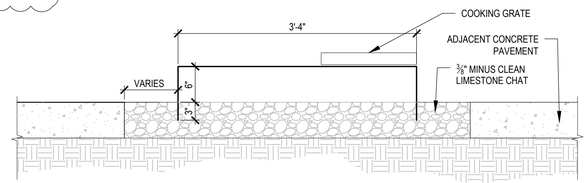
ACCESSIBLE PARKING SIGN N.T.S. 04



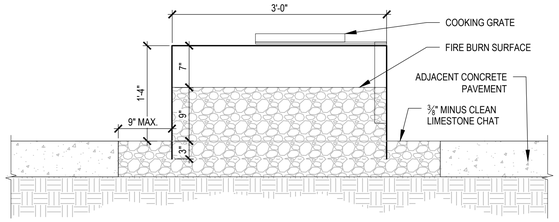
STANDARD PLAN



ADA PLAN

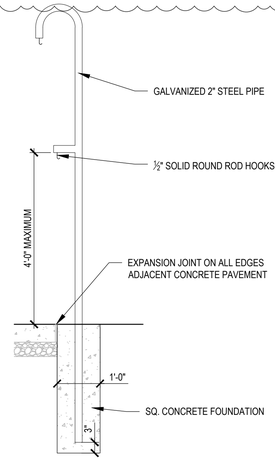


STANDARD ELEVATION

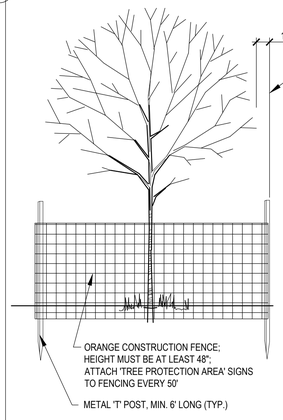


ADA ELEVATION

FIRE RING N.T.S. 05



LANTERN HANGER N.T.S. 06



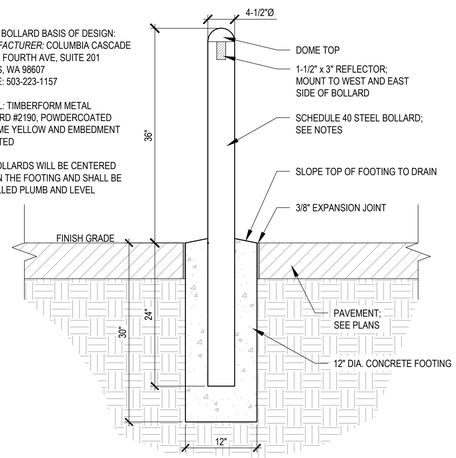
NOTE:
1. TREE PROTECTION SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY OTHER CONSTRUCTION ACTIVITY.
2. TREE PROTECTION FENCING SHALL NOT BE MODIFIED OR REMOVED PRIOR TO CONSENT OF THE OWNER'S REPRESENTATIVE.
3. DRIVING OF ANY VEHICLE OR EQUIPMENT, DIGGING, EXCAVATING, TRENCHING, CHANGING OF GRADE, OR ANY OTHER ACTIONS THAT IMPACT THE ROOT ZONE SHALL NOT OCCUR WITHIN THE BOUNDARIES OF PROTECTION FENCING WITHOUT EXPRESS, WRITTEN CONSENT BY THE OWNER'S REPRESENTATIVE PRIOR TO THE ACTIVITY'S COMMENCEMENT.
4. DEMOLITION, CLEARING OR GRUBBING ACTIVITIES THAT ARE CALLED FOR WITHIN THE CONSTRUCTION DOCUMENTS AND OCCUR WITHIN THE BOUNDARY OF THE PROTECTION FENCING MAY ONLY BE EXECUTED USING HAND-HELD, NON-SELF-PROPELLED EQUIPMENT.
5. MATERIALS, DEBRIS, EQUIPMENT, AND SITE AMENITIES SHALL NOT BE STORED WITHIN THE TREE PROTECTION AREA.

TREE PROTECTION FENCING N.T.S. 07

NOTES:

1. STEEL BOLLARD BASIS OF DESIGN:
   MANUFACTURER: COLUMBIA CASCADE
   700 NE FOURTH AVE, SUITE 201
   CAMAS, WA 98607
   PHONE: 503-223-1157

   MODEL: TIMBERFORM METAL BOLLARD #2190, POWDERCOATED CHROME YELLOW AND EMBEDMENT MOUNTED
2. ALL BOLLARDS WILL BE CENTERED WITHIN THE FOOTING AND SHALL BE INSTALLED PLUMB AND LEVEL



STEEL BOLLARD N.T.S. 08

STATE OF MISSOURI
MIKE KEHOE, GOVERNOR

LANDSCAPE ARCHITECT:
Vireo
LAC# MO-2002023826
414 Oak Street, Ste. 101
Kansas City, Missouri 64106
P 816-756-5690

SURVEYOR & CIVIL ENGINEER:
RENAISSANCE INFRASTRUCTURE CONSULTING
8653 Penrose Lane
Lenexa, Kansas 66219
P 913-317-9500

MEP:
ANTELLA CONSULTING ENGINEERS
1600 Genessee Street, Ste 260
Kansas City, Missouri 64102
P 816-421-0950

GEOTECHNICAL:
INTERTEK-PSI
1211 W. Cambridge Circle Drive
Kansas City, Kansas 66103
P 913-310-1600

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF NATURAL RESOURCES, MISSOURI STATE PARKS

NEW PREMIUM CAMPSITES

WATKINS WOOLEN MILL
STATE HISTORIC SITE
26600 PARK ROAD N.
LAWSON, MO 64062

PROJECT # X2220-01
SITE # 5126
FACILITY # 7815126063

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 03/19/2025

CAD DWG FILE:
DRAWN BY: LR / AS
CHECKED BY: CDP
DESIGNED BY: LR / CDP

SHEET TITLE:
SITE DETAILS

SHEET NUMBER:
L-501

SHEET 11 OF 56
03/19/2025

ADA ACCESSIBLE ROUTE NOTES

1. All Accessible route construction shall conform to the latest version of the ADA Standards for Accessible Design published by the Department of Justice and the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way published by the United States Access Board.
2. Other than ramps and ramp runs, walking surfaces must have running slopes not steeper than 1:20.
3. The cross slope of walking surfaces shall not be steeper than 2%.
4. The minimum width for a linear segment of accessible route shall be 36 inches.
5. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches wide, clear width shall be 42 inches minimum approaching the turn, 48 inches minimum at the turn and 42 inches leaving the turn.
6. An accessible route with a clear width less than 60 inches shall provide passing spaces at intervals of 200 feet maximum. Passing spaces shall be 60 inch by 60 inch minimum.
7. Ramp runs shall have a running slope not steeper than 1:12.
8. Ramp runs with a rise greater than 6 inches shall have handrails.
9. Ramp landings with a maximum slope of 1:48 shall be provided before and after ramp runs.
10. The maximum rise of a ramp run shall be 30 inches.
11. The maximum counter slope between the pavement and the curb at a curb ramp shall be 1:20.
12. Curb ramp landings with a maximum slope of 1:48 shall be provided at the top of curb ramps with a clear width of 60 inches.
13. Detectable warning surfaces complying with the latest ADA Standards shall be provided at pedestrian street crossings and refuge islands.
14. Passenger loading zones shall be provided adjacent to any ADA Accessible stall and have a 2% maximum slope in all directions.
15. Contractor to field verify existing site conditions and contact the engineer if field conditions do not match plan prior to construction.

LAYOUT & PAVING NOTES

1. All construction shall conform to the project plans and specifications minimum design standards. (2)
2. The contractor shall check existing grades, dimensions, and inverts in the field and report any discrepancies to the architect/engineer prior to beginning work.
3. The contractor shall verify the exact location of all existing utilities, take care to protect utilities that are to remain, and repair contractor caused damage according to current local standards and at the contractor's expense. Coordinate all construction with the appropriate utility company.
4. The contractor shall comply with all local codes, obtain all permits, and pay all fees prior to beginning work.
5. Provide a smooth transition between existing pavement and new pavement. Field adjustment of final grades may be necessary. Adjust all utilities prior to installation of pavement.
6. The contractor shall protect all trees to remain, in accordance with the specifications. Do not operate or store heavy equipment, nor handle, nor store materials within the drip lines of trees or outside the limit of grading.
7. Concrete walks and pads shall have a broom finish. All concrete shall be 4,000 p.s.i. unless otherwise noted. Curb ramps, sidewalk slopes, and driveway ramps shall be constructed in accordance with all current local requirements. If applicable, the contractor shall request inspection of sidewalk and ramp forms prior to placement of concrete.
8. All damage to existing asphalt pavement to remain which results from new construction shall be replaced with like materials at contractor's expense. Owner and contractor will evaluate and discuss for determination of damage caused by new construction and whether it was avoidable due to current condition of asphalt pavement.
9. Dimensions are to the back of curb, or edge of concrete, unless otherwise noted.
10. Maintain one set of as-built drawings on the job site for distribution to the engineer upon completion.
11. For all asphalt pavement, the contractor shall have no more than 30% recycled material in the base course and no recycled material in the surface course.

PAVEMENT MARKING AND SIGNAGE NOTES

1. Parking stall marking stripes shall be four inch (4") wide white stripes. Handicap stall marking stripes shall be four inch (4") wide ADA blue stripes and shall be furnished at locations shown on plans.
2. Traffic control devices and pavement markings shall conform to the requirements of the "Manual of Uniform Traffic Control Devices."
3. Traffic control and pavement markings shall be painted with a Sherwin Williams TM2125 HOTLINE Fast Dry or approved equal. The pavement marking shall be applied in accordance with manufacturers recommendations. Apply on a clean, dry surface and at a surface temperature of not less than 70°f and the ambient air temperature shall not be less than 60°f and rising. Two coats shall be applied.

WRITTEN SEQUENCING

1. Implement Pre-Construction Plan:
   All temporary structural BMP's shown on the BMP plan must be in place before any site disturbance. Clearing necessary to place temporary structural BMP's is the minimum required for installation. Coordinate clearing necessary to place temporary structural BMP's with local weather forecast so that clearing and placement may be completed within a forecast dry period. Stabilize all erosion control measures after installation. Temporary Barrier Fence shall be in Place, around areas not to be disturbed, prior to any construction activities. This area includes Stream Corridor.
2. Clear and Stabilize Work Areas:
   Grade contractor areas and place all-weather surface on contractor areas.
3. Clearing and Grubbing:
   After Phase I BMP's are installed, contractor may clear, grub, and demo required areas as necessary.

GRADING NOTES

1. All construction shall conform to the project plans and specifications minimum design standards. (2)
2. Spot Grades shown herein shall govern over finished grades.
3. The contractor shall provide evidence that his insurance meets the requirements of the Project.
4. All traffic control shall be in conformance with the Manual of Uniform Traffic Control Devices (MUTCD).
5. The contractor is responsible for the protection of all property corners and section corners. Any property corners and/or section corners disturbed or damaged by construction activities shall be reset by a Registered Land Surveyor licensed in the State of Missouri, at the contractor's expense.
6. The contractor is responsible for providing erosion and sediment control BMPs to prevent sediment from reaching paved areas, storm sewer systems, drainage courses and adjacent properties. In the event the prevention measures are not effective, the contractor shall remove any debris, silt, or mud and restore the right-of-way, or adjacent properties to original or better condition.
7. All sidewalk ramps constructed will be required to comply with the Americans with Disabilities Act (ADA).
8. All work shall be confined within easements and/or construction limits as shown on the plans.
9. Curb stakes and hubs shall be provided at all high points, low points, ADA ramp openings, and on each side of all curb inlets when setting string line.
10. All National Pollution Discharge Elimination System (NPDES) standards shall be met.
11. Public and Private utility facilities shall be moved or adjusted as necessary by the owners to fit the new construction unless otherwise noted on the plans. The Contractor is responsible for the cost of utility relocations unless otherwise indicated on the plans.

EARTHWORK NOTES:

1. CONTOURS AND ELEVATIONS: Existing and proposed contours are shown on plans at one feet (1') contour intervals, unless otherwise noted. Proposed contours and elevations shown represent approximate finish grade.
2. CLEARING AND GRUBBING: Prior to the start of grading and earthwork, the areas to be graded shall be stripped of all vegetation, organic matter, and topsoil, to a minimum depth of four inches (4") or as otherwise directed by the Geotechnical Engineer. Stripping materials shall not be incorporated into structural fills. Topsoil materials shall not be used in building and pavement areas.
3. TOPSOIL: Prior to the start of grading, the contractor shall strip all topsoil from areas to be graded and stockpile at a location on or adjacent to the site as directed by the owner. At completion of grading operations and related construction, the contractor will be responsible for redistribution of topsoil over all areas disturbed by the construction activities. Topsoil shall be placed to a minimum depth of six inches (6") and in accordance with specifications for landscaping. Subgrade below turf areas shall have a minimum 6" depth of soil free of rock larger than 3".
4. SUBGRADE PREPARATION: Prior to placement of new fill material, the existing subgrade shall be proof rolled and approved under the direction of the Geotechnical Engineer or his representative.
5. proof rolling: Prior to the placement of new fill material, the existing subgrade shall be proof rolled and approved under the direction of the Geotechnical Engineer. Unsuitable areas identified by the proof rolling areas shall be undercut and replaced with controlled structural fill or treated with fly ash per the Geotechnical report.
6. EARTHWORK:
   A. GEOTECHNICAL: All earthwork shall conform to the recommendations of the Geotechnical report.
   B. SURFACE WATER: Surface water shall be intercepted and diverted during the placement of fill.
   C. FILLS: All fills shall be considered controlled or structural fill and shall be free of vegetation, organic matter, topsoil, and debris. All fill required for project shall be provided by the Contractor. Material Shall be pre-approved by the Engineer prior to placement.
   D. EXISTING SLOPES: Where fill material is to be placed on existing slopes greater than 5:1 (horizontal to vertical), existing slope shall be benched providing a minimum vertical face of twelve inches (12"). Fill material shall be placed and compacted in horizontal lifts not exceeding nine inched (9") (loose fit measurement), unless otherwise approved by the Geotechnical Engineer.
   E. COMPACTION REQUIREMENTS: Earth fill material shall be placed and compacted to a minimum density of ninety five percent (95%) of the material's maximum dry density as determined by ASTM D698 (standard proctor compaction). The moisture content at the time of placement and compaction shall be within a range of -2% to 3% above the optimum moisture content as defined by the standard proctor compaction procedure. The moisture contents shall be maintained within this range until completion of the work. Where compaction of earth fill by a large roller is impractical or undesirable, the earth fill shall be hand compacted with small vibrating rollers or mechanical tampers.
7. TESTING AND INSPECTION: Testing and inspection services required to make tests required by the specifications and to observe the placement of fills and other work performed on this project shall be provided by a commercial testing laboratory (Geotechnical Engineer). The cost of testing will be the contractor's expense.
8. SEEDING: All areas disturbed by earthwork operations in the right-of-way shall be seeded.

SITE UTILITY NOTES

1. The contractor is specifically cautioned that the location and/or elevation of existing utilities as Shown on these plans is based on records of the various utility Companies, und where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility companies at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to coordinate with and relocate and/or remove all existing utilities which conflict with the proposed improvements shown on the plans. (2)
2. The construction of storm sewers on this project shall conform to the requirements of project plans, Technical Specifications, and Design Criteria.
3. The contractor shall field verify the exact location and elevation of the existing storm sewer locations and the existing elevations at locations where the proposed storm sewer collects or releases to existing ground. If discrepancies are encountered from the information shown on the plans. The contractor shall contact the design engineer. No pipes shall be laid until direction is received from the design engineer.
4. It will be the contractors responsibility to field adjust the top of all manholes and boxes as necessary to match the grade of the adjacent area. Tops of existing manholes shall be raised as necessary to be flush with proposed pavement elevations, and to be 6-inches above finished ground elevations in non-paved areas. No separate or additional compensation will be made to the contractor for making final adjustments to the manholes and boxes.
5. Inlet locations, horizontal pipe information and vertical pipe information is shown to the center of the structure. Deflection angles shown for storm sewer pipes are measured from the center of the curb inlets and manholes. The contractor shall adjust the horizontal location of the pipes to go to the face of the boxes.
6. The contractor shall be responsible for furnishing and installing all domestic water lines, meters, back flow devices, pits, valves and all other incidentals required for a complete operable domestic water system. Coordinate with the local water department as necessary. All costs associated with the complete water system for the campgrounds shall be the responsibility of the contractor. All work shall conform to the requirements of project plans and specifications. (2)
7. The contractor shall be responsible for furnishing and installing all sanitary sewer service lines from the campground to the main line. All work shall conform to the requirements of project plans and specifications. (2)
8. The contractor is responsible for securing all permits, bonds and insurance required by the contract documents, Missouri State Parks Dept, and all other governing agencies (including local, county, state and federal authorities) having jurisdiction over the work proposed by the construction documents. The cost for all permit bonds and insurance shall be the contractors responsibility and shall be included in the bid for the work.
9. By the use of these construction documents the contractor hereby agrees that he/she shall be solely responsible for the safety of the construction workers and the public. The contractor agrees to hold the engineer and owner harmless for any and all injuries, claims, losses or damages related to the project.
10. All fill material is to be in place, compacted, and consolidated before installation of proposed utilities. On-site geotechnical engineer shall provide written confirmation that this requirement has been met and that utilities may proceed in the fill areas. All utilities are to be placed in trench conditions.
11. Minimum trench width shall be 2 feet.
12. Contractor shall maintain a minimum of 42" of cover on all waterlines. All water line joints are to be mechanical joints with thrust blocking as called out in specifications and construction plans. Water mains and service lines shall be constructed in accordance to the project plans and specifications for commercial services. (2)
13. All waterlines shall be kept ten feet (10') apart (parallel) from sanitary sewer lines or manholes. Or when crossing, an 18" vertical clearance (outside edge of pipe to outside edge of pipe) of the waterline above the sewer line is required.
14. In the event of a vertical conflict between waterlines, sanitary lines, storm lines and gas lines (existing and proposed), the sanitary line shall be ductile iron pipe with mechanical joints at least 10 feet on both sides of the crossing (or encased in concrete the same distance), the waterline shall have mechanical joints with appropriate thrust blocking as required to provide a minimum of 18" clearance. Meeting requirements ANSI A21.10 or ANSI 21.11 (AWWA C151)(Class 50).
15. All necessary inspections and/or certifications required by codes and/or utility service companies shall be performed prior to announced building possession and the final connection of service. Contractor shall coordinate with all utility companies for installation requirements and specifications.
16. When a building utility Connection from site utilities leading up to the building cannot be made immediately, temporarily mark all such utility terminations.

GENERAL NOTES

1. The contractor shall provide evidence that his insurance meets the requirements of Missouri State Parks Dept.
2. All traffic control shall be in conformance with the Manual of Uniform Traffic Control Devices (MUTCD).
3. The contractor is responsible for the protection of all property corners and section corners. Any property corners and/or section corners disturbed or damaged by construction activities shall be reset by a Registered Land Surveyor licensed in the State of Missouri, at the contractor's expense.
4. The contractor shall be responsible for the restoration of the right-of-way and for damaged improvements such as curbs, driveways, sidewalks, street light and traffic signal junction boxes, traffic signal loop lead ins, signal poles, irrigation systems, etc. Damaged improvements shall be repaired in conformance with the latest City and State standards and to the City's and/or State's satisfaction.
5. The contractor is responsible for providing erosion and sediment control BMPs to prevent sediment from reaching paved areas, storm sewer systems, drainage courses and adjacent properties. In the event the prevention measures are not effective, the contractor shall remove any debris, silt, or mud and restore the right-of-way, or adjacent properties to original or better condition.
6. Excavation for utility work in public street right-of-way requires a Right-of-Way Work Permit from the Public Works Department, in addition to all other permits.
7. All work shall be confined within easements and/or construction limits as shown on the plans.
8. All existing utilities indicated on the drawings are according to the best information available to the engineer; however, all utilities actually existing may not be shown. The contractor shall be responsible for contacting all utility companies for an exact field location of each utility prior to any construction. All utilities, shown and un-shown, damaged through the negligence of the contractor shall be repaired or replaced by the contractor at his expense.
9. The contractor will be responsible for all damages to existing utilities, pavement, fences, structures, and other features not designated for removal. The contractor shall repair all damages at his expense.
10. By use of these construction documents the contractor hereby agrees that he shall be solely responsible for the safety of the construction workers and the public. The contractor agrees to hold the engineer and owner harmless for any and all injuries, claims, losses, or damages related to the project.
11. The contractor will be responsible for providing all signage, barricades, lighting, etc., as required for temporary traffic control during the construction of this project. Maintenance of the temporary traffic control devices will be the contractor's responsibility.
12. Geogrid, footings, or other elements of the retaining wall(s) cannot encroach into the right of way, public easements, or adjacent private property.
13. Contractor shall be responsible for obtaining all permits including land disturbance, right-of-way, hauling, etc., prior to construction.
14. Contractor shall restore all disturbed right-of-way upon project completion.
15. Prior to construction, contractor shall install pre-construction erosion control measures.

EROSION CONTROL NOTES

1. The contractor shall provide all materials, tools, equipment, and labor as necessary to install and ~~maintain adequate erosion control, keep the streets clean of mud and debris, and prevent soil~~ from leaving the project site. The contractor's erosion control measures shall conform to project plans and Technical Provisions and Specifications. (2)
2. Erosion control plan modifications shall be required if the plan fails to substantially control erosion and offsite sedimentation.
3. The contractor shall be responsible for maintaining erosion control devices and removing sediment until a minimum of 70% of permanent vegetation has become stabilized and established. Erosion control devices shall remain in place until the 70% established vegetation is met, or the duration of the project, whichever is the later date.
4. The contractor shall temporarily seed and mulch all disturbed areas if there has been no construction activity on them for a period of fourteen (14) calendar days.
5. Contractor to install all Phase I erosion control devices prior to construction.
6. Contractor shall replace disturbed area with seed or sod, as indicated on the plans, and shall be installed within 14 days after paving completion and final topsoil grading.
7. Topsoil replacement shall be 6" thick.
8. Straw wattles to be installed in accordance with the project plans and specifications Standard Details. (2)
9. Refer to Specifications for good housekeeping and spill measures.
10. The Contractor shall inspect erosion control devices every 7 days and within 24 hours of a storm of 0.5 inches or more. The Contractor shall repair damage, clean out sediment, and add additional erosion control devices as needed, as soon as practicable, after inspection. The Contractor shall also inspect and assure that all sediment control devices are in working condition prior to any forecasted rainfall.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

STATE OF MISSOURI
MICHELL SLUTTER
NUMBER PE-2002003418
PROFESSIONAL ENGINEER
7/5/25
MITCHELL E. SLUTTER PE-2002003418

LANDSCAPE ARCHITECT:
Vireo
LAC# MO-2002023826
414 Oak Street, Ste. 101
Kansas City, Missouri 64106
P 816-756-5690

SURVEYOR & CIVIL ENGINEER:
RENAISSANCE INFRASTRUCTURE CONSULTING
8653 Penrose Lane
Lenexa, Kansas 66219
P 913-317-9500
Renaissance Infrastructure Consulting

MEP:
ANTELLA CONSULTING ENGINEERS
1600 Genessee Street, Ste 260
Kansas City, Missouri 64102
P 816-421-0950
Antella Consulting Engineers, Inc.

GEOTECHNICAL:
INTERTEK-PSI
1211 W. Cambridge Circle Drive
Kansas City, Kansas 66103
P 913-310-1600
intertek psi

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF NATURAL RESOURCES, MISSOURI STATE PARKS

NEW PREMIUM CAMPSITES

WATKINS WOOLEN MILL
STATE HISTORIC SITE
26600 PARK ROAD N.
LAWSON, MO 64062

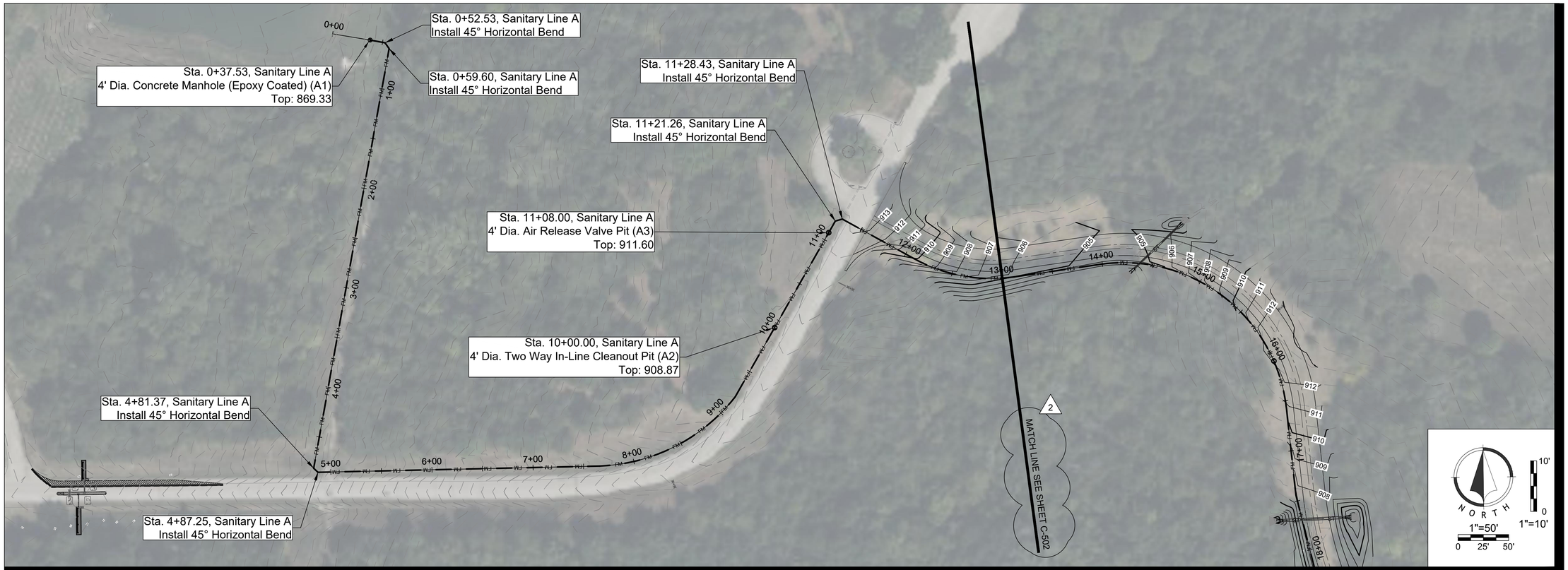
PROJECT # X2220-01
SITE # 5126
FACILITY # 7815126063

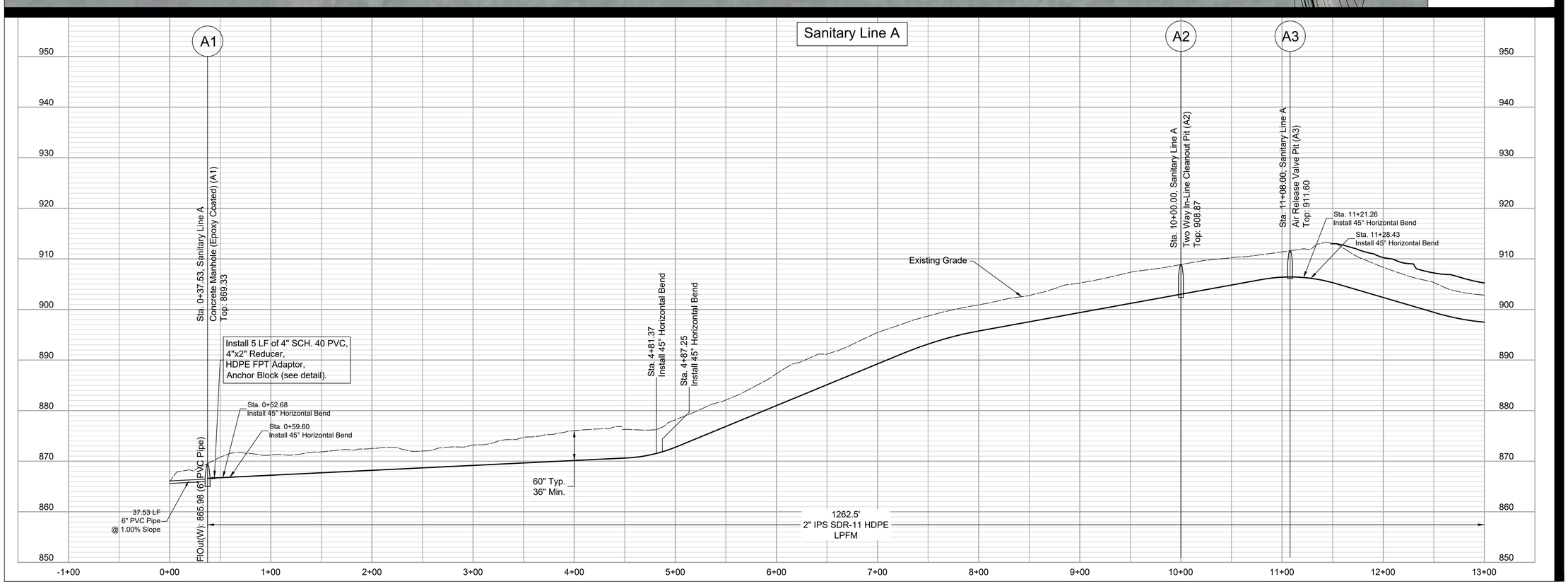
REVISION: ADD#2
DATE: 05/16/2025
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 03/19/2025

CAD DWG FILE:
DRAWN BY: TCD
CHECKED BY: MES
DESIGNED BY: ZMM

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
C-001





STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

STATE OF MISSOURI
MITCHELL SLUTTER
NUMBER PE-2002003418
PROFESSIONAL ENGINEER
11/5/25
MITCHELL E. SLUTTER PE-2002003418

LANDSCAPE ARCHITECT:
Vireo
LAC# MO-2002023826
414 Oak Street, Ste. 101
Kansas City, Missouri 64106
P 816-756-5690

SURVEYOR & CIVIL ENGINEER:
RENAISSANCE INFRASTRUCTURE CONSULTING
8653 Penrose Lane
Lenexa, Kansas 66219
P 913-317-9500

MEP:
ANTELLA CONSULTING ENGINEERS
1600 Genessee Street, Ste 260
Kansas City, Missouri 64102
P 816-421-0950

GEOTECHNICAL:
INTERTEK-PSI
1211 W. Cambridge Circle Drive
Kansas City, Kansas 66103
P 913-310-1600

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF NATURAL RESOURCES,
MISSOURI STATE PARKS

NEW PREMIUM CAMPSITES

WATKINS WOOLEN MILL
STATE HISTORIC SITE
26600 PARK ROAD N.
LAWSON, MO 64062

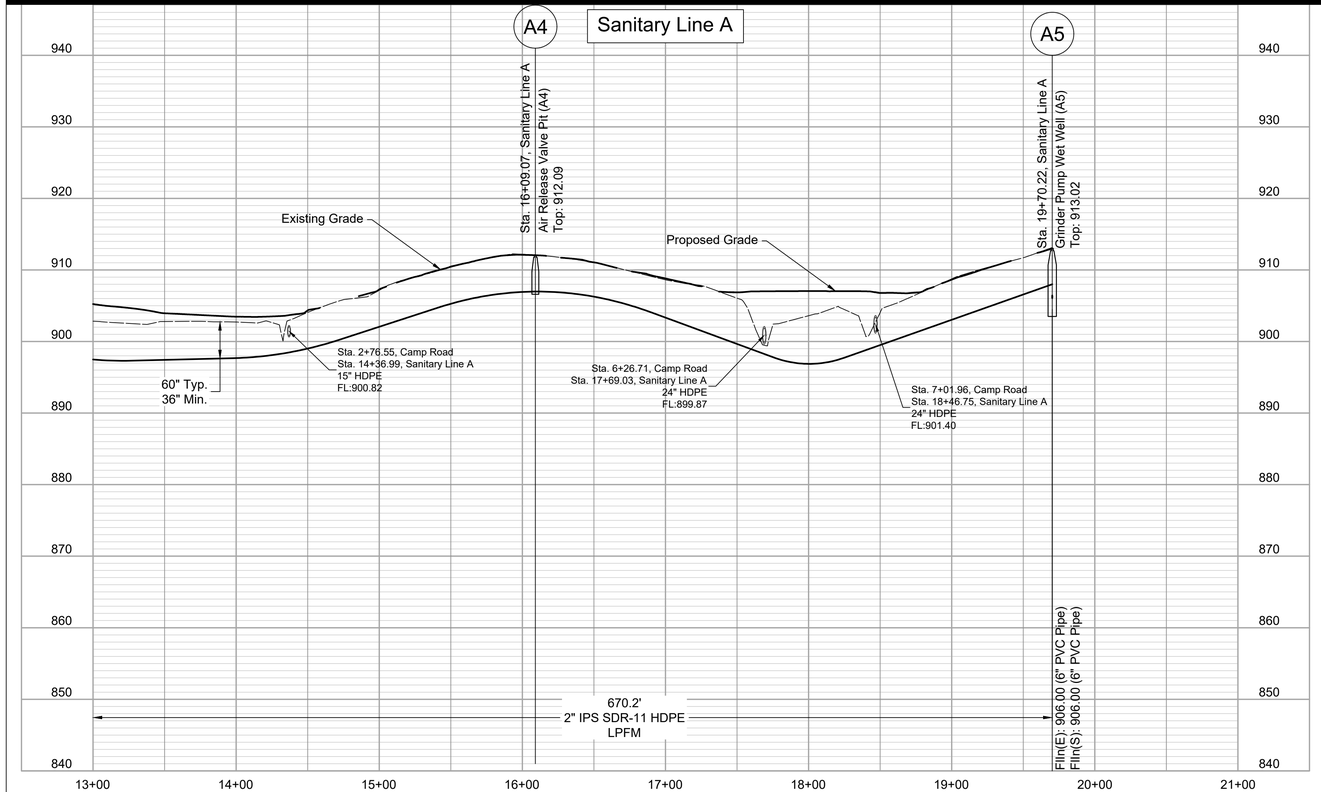
PROJECT # X2220-01
SITE # 5126
FACILITY # 7815126063

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 03/19/2025

CAD DWG FILE:
DRAWN BY: TCD
CHECKED BY: MES
DESIGNED BY: ZMM

SHEET TITLE:
SANITARY PLAN & PROFILE A

SHEET NUMBER:
C-501



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

STATE OF MISSOURI
MITCHELL E. SLUTTER
NUMBER PE-2002003418
PROFESSIONAL ENGINEER
1/5/25
MITCHELL E. SLUTTER PE-2002003418

LANDSCAPE ARCHITECT:
Vireo
LAC# MO-2002023826
414 Oak Street, Ste. 101
Kansas City, Missouri 64106
P 816-756-5690

SURVEYOR & CIVIL ENGINEER:
RENAISSANCE INFRASTRUCTURE CONSULTING
8653 Penrose Lane
Lenexa, Kansas 66219
P 913-317-9500

MEP:
ANTELLA CONSULTING ENGINEERS
1600 Genessee Street, Ste 260
Kansas City, Missouri 64102
P 816-421-0950

GEOTECHNICAL:
INTERTEK-PSI
1211 W. Cambridge Circle Drive
Kansas City, Kansas 66103
P 913-310-1600

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF NATURAL RESOURCES,
MISSOURI STATE PARKS

NEW PREMIUM CAMPSITES

WATKINS WOOLEN MILL
STATE HISTORIC SITE
26600 PARK ROAD N.
LAWSON, MO 64062

PROJECT # X2220-01
SITE # 5126
FACILITY # 7815126063

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 03/19/2025

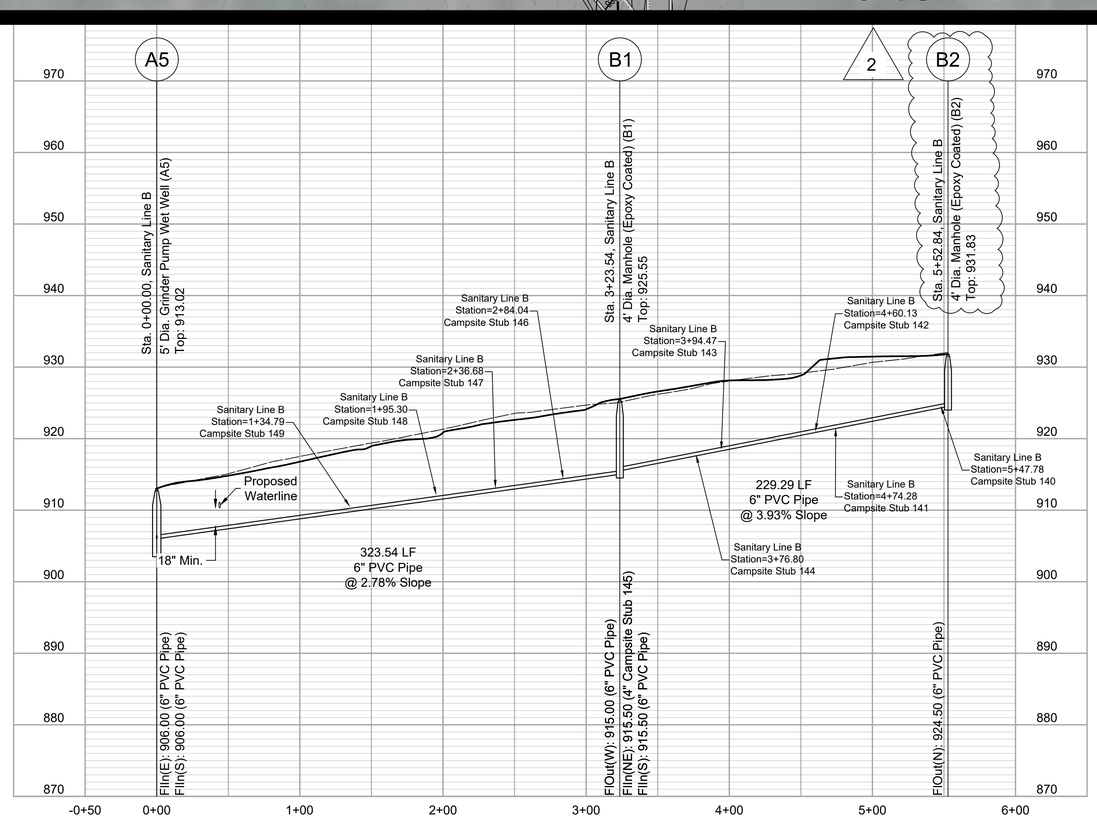
CAD DWG FILE:
DRAWN BY: TCD
CHECKED BY: MES
DESIGNED BY: ZMM

SHEET TITLE:

SANITARY PLAN & PROFILE A

SHEET NUMBER:

C-502



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

STATE OF MISSOURI
MITCHELL E. SLUTTER
NUMBER PE-2002003418
PROFESSIONAL ENGINEER
MITCHELL E. SLUTTER PE-2002003418

LANDSCAPE ARCHITECT:
Vireo
LAC# MO-2002023826
414 Oak Street, Ste. 101
Kansas City, Missouri 64106
P 816-756-5690

SURVEYOR & CIVIL ENGINEER:
RENAISSANCE INFRASTRUCTURE CONSULTING
8653 Penrose Lane
Lenexa, Kansas 66219
P 913-317-9500
Renaissance Infrastructure Consulting

MEP:
ANTELLA CONSULTING ENGINEERS
1600 Genessee Street, Ste 260
Kansas City, Missouri 64102
P 816-421-0950
Antella CONSULTING ENGINEERS, INC.

GEOTECHNICAL:
INTERTEK-PSI
1211 W. Cambridge Circle Drive
Kansas City, Kansas 66103
P 913-310-1600
intertek psi

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF NATURAL RESOURCES, MISSOURI STATE PARKS

NEW PREMIUM CAMPSITES

WATKINS WOOLEN MILL
STATE HISTORIC SITE
26600 PARK ROAD N.
LAWSON, MO 64062

PROJECT # X2220-01
SITE # 5126
FACILITY # 7815126063

REVISION: ADD#2
DATE: 05/16/2025
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 03/19/2025

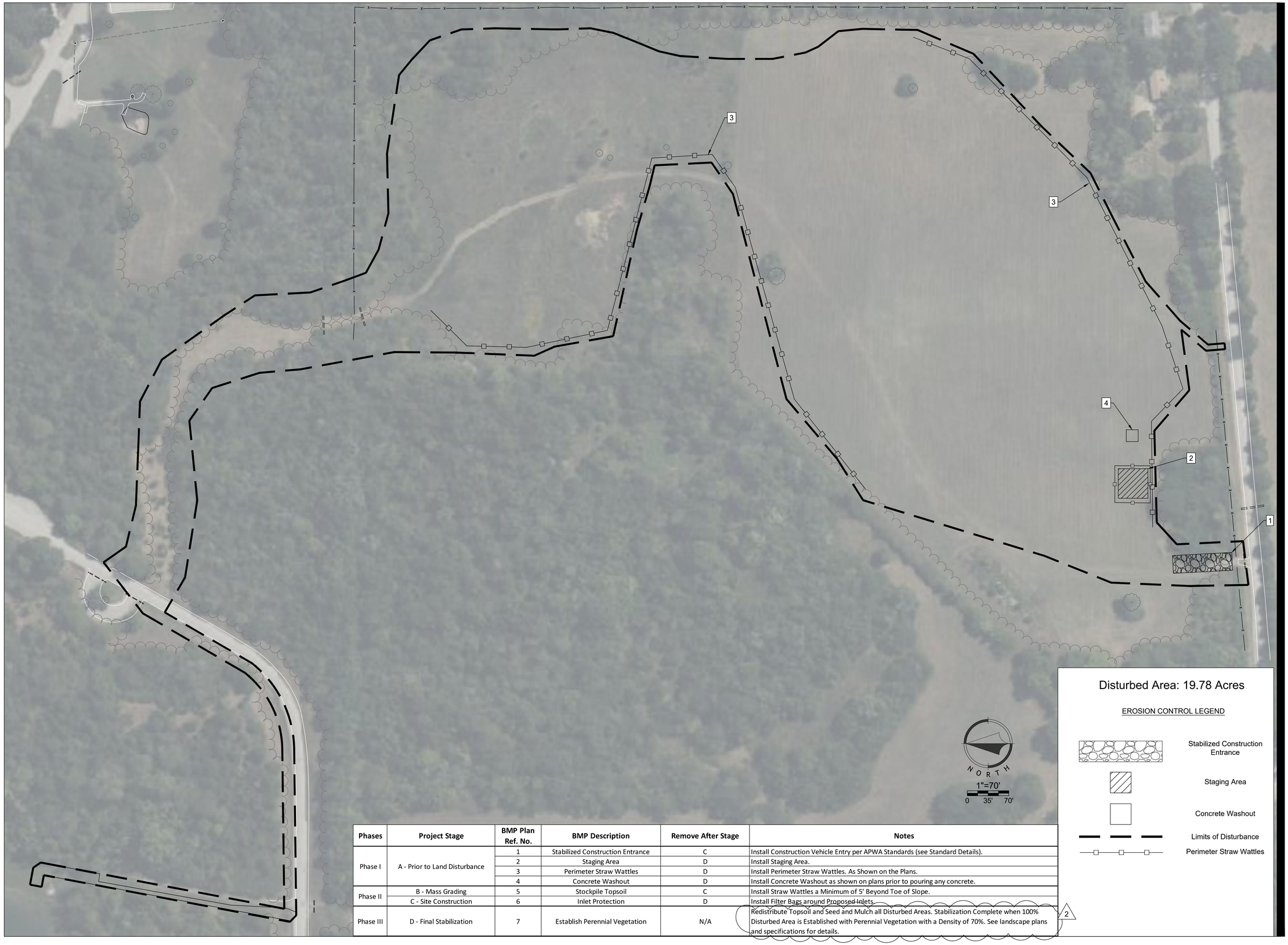
CAD DWG FILE:
DRAWN BY: TCD
CHECKED BY: MES
DESIGNED BY: ZMM

SHEET TITLE:

SANITARY PLAN & PROFILE B

SHEET NUMBER:

C-504



Phases	Project Stage	BMP Plan Ref. No.	BMP Description	Remove After Stage	Notes
Phase I	A - Prior to Land Disturbance	1	Stabilized Construction Entrance	C	Install Construction Vehicle Entry per APWA Standards (see Standard Details).
		2	Staging Area	D	Install Staging Area.
		3	Perimeter Straw Wattles	D	Install Perimeter Straw Wattles. As Shown on the Plans.
		4	Concrete Washout	D	Install Concrete Washout as shown on plans prior to pouring any concrete.
Phase II	B - Mass Grading	5	Stockpile Topsoil	C	Install Straw Wattles a Minimum of 5' Beyond Toe of Slope.
	C - Site Construction	6	Inlet Protection	D	Install Filter Bags around Proposed Inlets.
Phase III	D - Final Stabilization	7	Establish Perennial Vegetation	N/A	Redistribute Topsoil and Seed and Mulch all Disturbed Areas. Stabilization Complete when 100% Disturbed Area is Established with Perennial Vegetation with a Density of 70%. See landscape plans and specifications for details.

Disturbed Area: 19.78 Acres

EROSION CONTROL LEGEND

- Stabilized Construction Entrance
- Staging Area
- Concrete Washout
- Limits of Disturbance
- Perimeter Straw Wattles

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

STATE OF MISSOURI
MITCHELL
SLUTTER
NUMBER
PE-2002003418
PROFESSIONAL ENGINEER
11/5/25
MITCHELL E. SLUTTER PE-2002003418

LANDSCAPE ARCHITECT:
Vireo
LAC# MO-2002023826
414 Oak Street, Ste. 101
Kansas City, Missouri 64106
P 816-756-5690

SURVEYOR & CIVIL ENGINEER:
RENAISSANCE INFRASTRUCTURE CONSULTING
8653 Penrose Lane
Lenexa, Kansas 66219
P 913-317-9500

MEP:
ANTELLA CONSULTING ENGINEERS
1600 Genessee Street, Ste 260
Kansas City, Missouri 64102
P 816-421-0950

GEOTECHNICAL:
INTERTEK-PSI
1211 W. Cambridge Circle Drive
Kansas City, Kansas 66103
P 913-310-1600

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF NATURAL RESOURCES, MISSOURI STATE PARKS

NEW PREMIUM CAMPSITES

WATKINS WOOLEN MILL
STATE HISTORIC SITE
26600 PARK ROAD N.
LAWSON, MO 64062

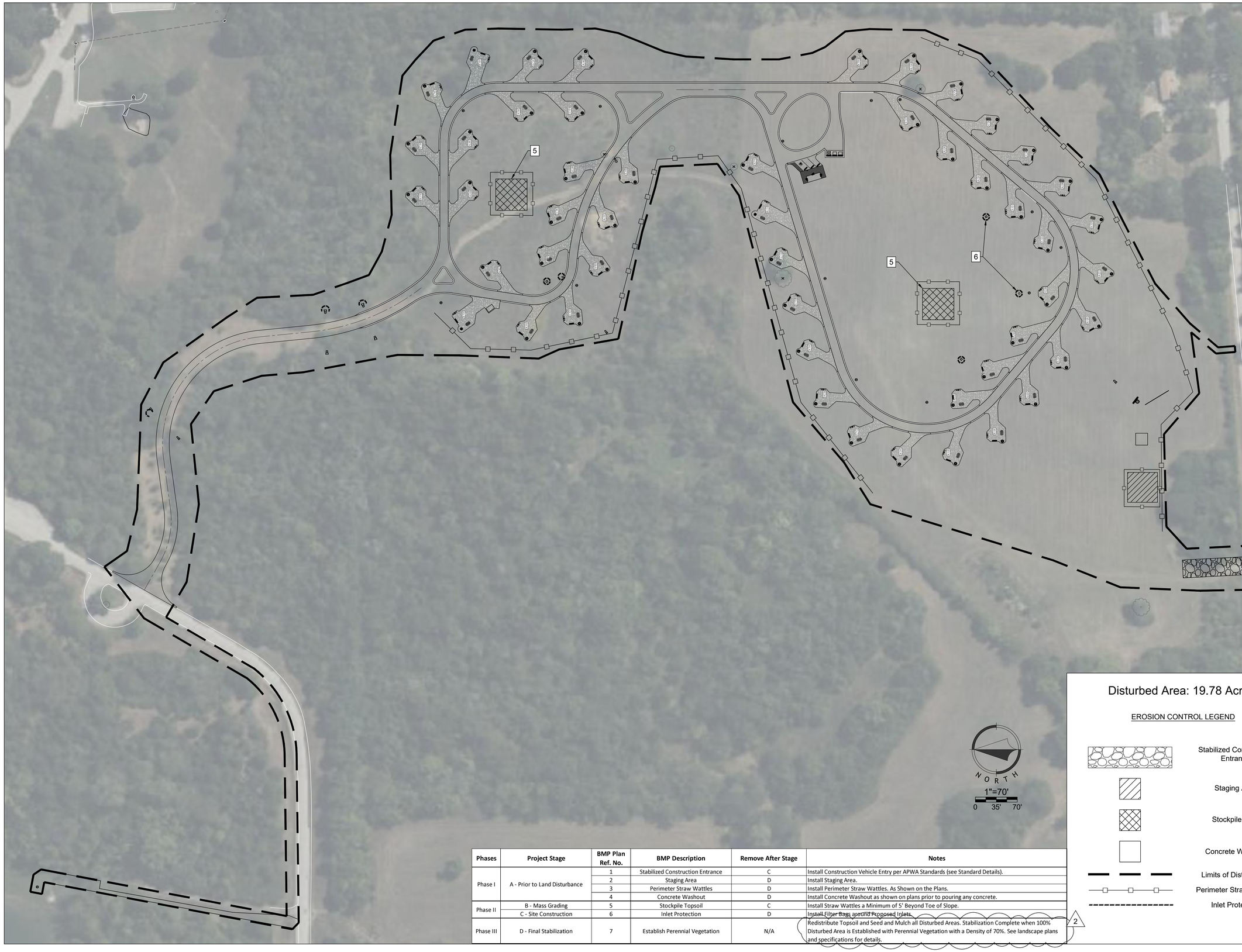
PROJECT # X2220-01
SITE # 5126
FACILITY # 7815126063

REVISION: ADD#2
DATE: 05/16/2025
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 03/19/2025

CAD DWG FILE:
DRAWN BY: TCD
CHECKED BY: MES
DESIGNED BY: ZMM

SHEET TITLE:
EROSION CONTROL PHASE I

SHEET NUMBER:
C-601



Phases	Project Stage	BMP Plan Ref. No.	BMP Description	Remove After Stage	Notes
Phase I	A - Prior to Land Disturbance	1	Stabilized Construction Entrance	C	Install Construction Vehicle Entry per APWA Standards (see Standard Details).
		2	Staging Area	D	Install Staging Area.
		3	Perimeter Straw Wattles	D	Install Perimeter Straw Wattles. As Shown on the Plans.
		4	Concrete Washout	D	Install Concrete Washout as shown on plans prior to pouring any concrete.
Phase II	B - Mass Grading	5	Stockpile Topsoil	C	Install Straw Wattles a Minimum of 5' Beyond Toe of Slope.
	C - Site Construction	6	Inlet Protection	D	Install Filter Bags around Proposed Inlets.
Phase III	D - Final Stabilization	7	Establish Perennial Vegetation	N/A	Redistribute Topsoil and Seed and Mulch all Disturbed Areas. Stabilization Complete when 100% Disturbed Area is Established with Perennial Vegetation with a Density of 70%. See landscape plans and specifications for details.

Disturbed Area: 19.78 Acres

EROSION CONTROL LEGEND

- Stabilized Construction Entrance
- Staging Area
- Stockpile Area
- Concrete Washout
- Limits of Disturbance
- Perimeter Straw Wattles
- Inlet Protection

STATE OF MISSOURI
MIKE KEHOE, GOVERNOR

STATE OF MISSOURI
MITCHELL E. SLUTTER
NUMBER PE-2002003418
PROFESSIONAL ENGINEER
05/16/25
MITCHELL E. SLUTTER PE-2002003418

LANDSCAPE ARCHITECT:
Vireo
LAC# MO-2002023826
414 Oak Street, Ste. 101
Kansas City, Missouri 64106
P 816-756-5690

SURVEYOR & CIVIL ENGINEER:
RENAISSANCE INFRASTRUCTURE CONSULTING
8653 Penrose Lane
Lenexa, Kansas 66219
P 913-317-9500

MEP:
ANTELLA CONSULTING ENGINEERS
1600 Genessee Street, Ste 260
Kansas City, Missouri 64102
P 816-421-0950

GEOTECHNICAL:
INTERTEK-PSI
1211 W. Cambridge Circle Drive
Kansas City, Kansas 66103
P 913-310-1600

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF NATURAL RESOURCES, MISSOURI STATE PARKS

NEW PREMIUM CAMPSITES

WATKINS WOOLEN MILL
STATE HISTORIC SITE
26600 PARK ROAD N.
LAWSON, MO 64062

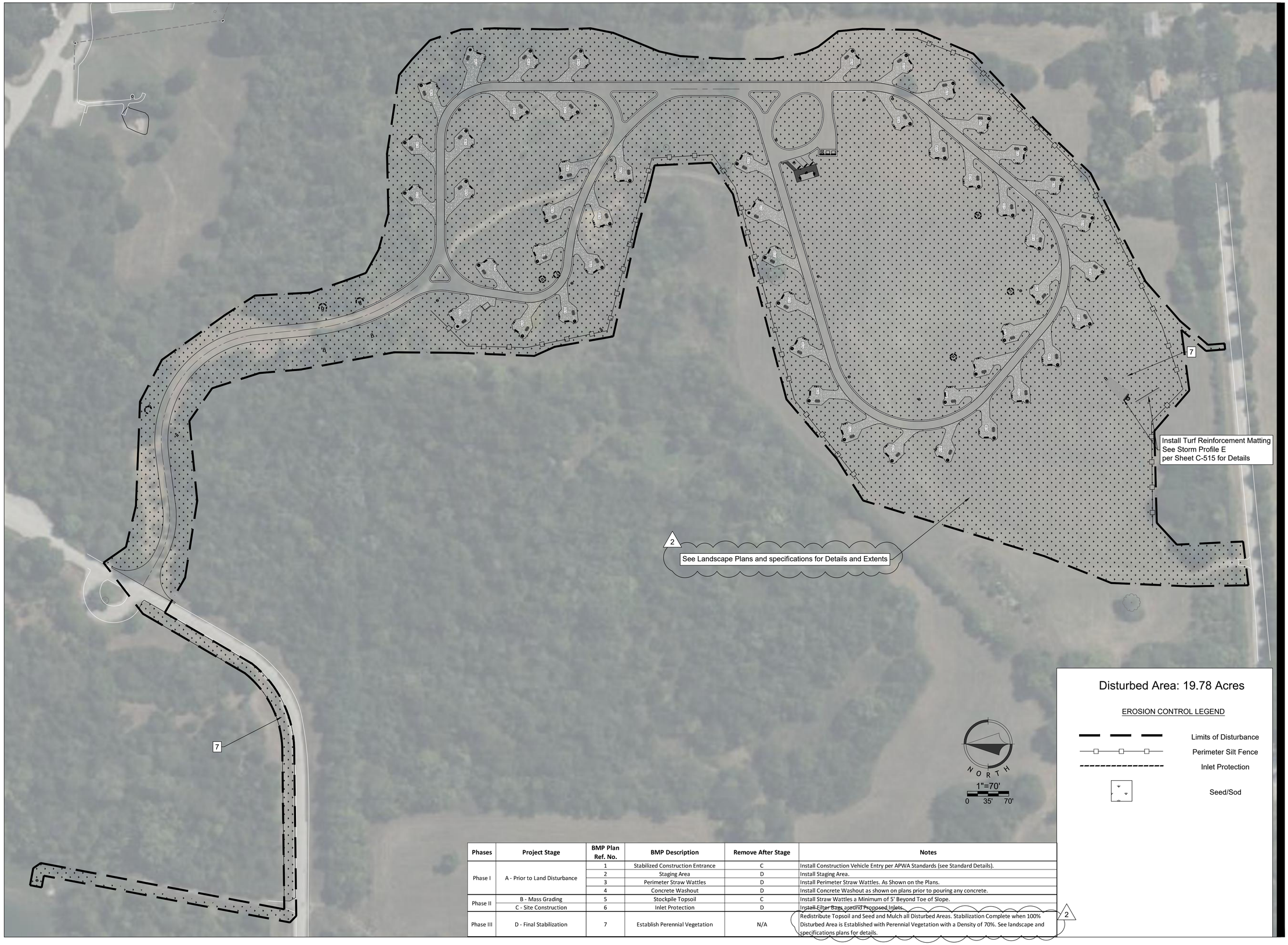
PROJECT # X2220-01
SITE # 5126
FACILITY # 7815126063

REVISION: ADD#2
DATE: 05/16/2025
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 03/19/2025

CAD DWG FILE:
DRAWN BY: TCD
CHECKED BY: MES
DESIGNED BY: ZMM

SHEET TITLE:
EROSION CONTROL PHASE II

SHEET NUMBER:
C-602



Disturbed Area: 19.78 Acres

EROSION CONTROL LEGEND

- Limits of Disturbance
- Perimeter Silt Fence
- Inlet Protection
- Seed/Sod

Phases	Project Stage	BMP Plan Ref. No.	BMP Description	Remove After Stage	Notes
Phase I	A - Prior to Land Disturbance	1	Stabilized Construction Entrance	C	Install Construction Vehicle Entry per APWA Standards (see Standard Details).
		2	Staging Area	D	Install Staging Area.
		3	Perimeter Straw Wattles	D	Install Perimeter Straw Wattles. As Shown on the Plans.
		4	Concrete Washout	D	Install Concrete Washout as shown on plans prior to pouring any concrete.
Phase II	B - Mass Grading	5	Stockpile Topsoil	C	Install Straw Wattles a Minimum of 5' Beyond Toe of Slope.
	C - Site Construction	6	Inlet Protection	D	Install Filter Bags around Proposed Inlets.
Phase III	D - Final Stabilization	7	Establish Perennial Vegetation	N/A	Redistribute Topsoil and Seed and Mulch all Disturbed Areas. Stabilization Complete when 100% Disturbed Area is Established with Perennial Vegetation with a Density of 70%. See landscape and specifications plans for details.

2

STATE OF MISSOURI
MIKE KEHOE, GOVERNOR

STATE OF MISSOURI
MITCHELL E. SLUTTER
NUMBER PE-2002003418
PROFESSIONAL ENGINEER
05/16/25
MITCHELL E. SLUTTER PE-2002003418

LANDSCAPE ARCHITECT:
Vireo
LAC# MO-2002023826
414 Oak Street, Ste. 101
Kansas City, Missouri 64106
P 816-756-5690

SURVEYOR & CIVIL ENGINEER:
RENAISSANCE INFRASTRUCTURE CONSULTING
8653 Penrose Lane
Lenexa, Kansas 66219
P 913-317-9500

MEP:
ANTELLA CONSULTING ENGINEERS
1600 Genessee Street, Ste 260
Kansas City, Missouri 64102
P 816-421-0950

GEOTECHNICAL:
INTERTEK-PSI
1211 W. Cambridge Circle Drive
Kansas City, Kansas 66103
P 913-310-1600

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF NATURAL RESOURCES, MISSOURI STATE PARKS

NEW PREMIUM CAMPSITES

WATKINS WOOLEN MILL
STATE HISTORIC SITE
26600 PARK ROAD N.
LAWSON, MO 64062

PROJECT # X2220-01
SITE # 5126
FACILITY # 7815126063

REVISION: ADD#2
DATE: 05/16/2025
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 03/19/2025

CAD DWG FILE:
DRAWN BY: TCD
CHECKED BY: MES
DESIGNED BY: ZMM

SHEET TITLE:

EROSION CONTROL PHASE III

SHEET NUMBER:

C-603