# HOOT, TOOT, & WHISTLE TRAIL IMPROVEMENT PROJECT



OVERALL PROJECT AREA

Consultant Contact Information: Daniel P. Biggs, RLA, ISA, CERP - Associate | Regional Manager Weston & Sampson Engineers, Inc. 1 Winners Circle, Suite 130, Albany NY 12205 518-463-4400

READING, MA | BOSTON, MA | FOXBOROUGH, MA | WORCESTER, MA | WOBURN, MA | CATAUMET, MA | CATAUMET, MA | SOUTH YARMOUTH, NH | MANCHESTER, NH | WATERBURY, VT | ROCKY HILL, CT | ALBANY, NY | RHINEBECK, NY | CHARLESTON, SC | COLUMBIA, SC | FORT MYERS, FL



## FAIRVIEW AVENUE, WILMINGTON, VERMONT 05363

VICINITY MAP NOT TO SCALE

| Sheet List Table |                                      |  |  |  |  |
|------------------|--------------------------------------|--|--|--|--|
| SHEET<br>NUMBER  | SHEET TITLE                          |  |  |  |  |
| C000             | COVER SHEET                          |  |  |  |  |
| C001             | GENERAL NOTES AND ABBREVIATIONS      |  |  |  |  |
| C100             | PROPOSED IMPROVEMENT PLAN OVERALL    |  |  |  |  |
| C101             | PROPOSED IMPROVEMENT PLAN            |  |  |  |  |
| C102             | PROPOSED IMPROVEMENT PLAN            |  |  |  |  |
| C103             | PROPOSED IMPROVEMENT PLAN            |  |  |  |  |
| C104             | PROPOSED IMPROVEMENT PLAN            |  |  |  |  |
| C105             | ENLARGEMENT IMPROVEMENT PLAN         |  |  |  |  |
| C500             | EROSION AND SEDIMENT CONTROL DETAILS |  |  |  |  |
| C501             | TYPICAL TRAIL SECTION DETAILS        |  |  |  |  |

| ATTACHMENTS    |                                    |  |  |  |  |  |
|----------------|------------------------------------|--|--|--|--|--|
| Sheet Number S | heet Title                         |  |  |  |  |  |
| ATTACHMENT A   |                                    |  |  |  |  |  |
| STD_961-20-01  | MULTIPLE LOG STRINGER TRAIL BRIDGE |  |  |  |  |  |
| STD_961-20-02b | MULTIPLE LOG STRINGER TRAIL BRIDGE |  |  |  |  |  |
| STD_961-20-03b | MULTIPLE LOG STRINGER TRAIL BRIDGE |  |  |  |  |  |
| STD_961-20-04  | MULTIPLE LOG STRINGER TRAIL BRIDGE |  |  |  |  |  |
| STD_961-20-05  | MULTIPLE LOG STRINGER TRAIL BRIDGE |  |  |  |  |  |
| STD_961-20-06  | MULTIPLE LOG STRINGER TRAIL BRIDGE |  |  |  |  |  |
| ATTACHMENT B   |                                    |  |  |  |  |  |
| STD_938-10-01  | STANDARD BOARDWALK                 |  |  |  |  |  |
| STD_938-10-02  | STANDARD BOARDWALK                 |  |  |  |  |  |
| STD_938-10-03  | STANDARD BOARDWALK                 |  |  |  |  |  |
| ATTACHMENT C   |                                    |  |  |  |  |  |
| STD_936-20-02  | OVERLAPPING TIMBER STEP            |  |  |  |  |  |
| PREPARED BY:   |                                    |  |  |  |  |  |

Weston & Sampson

Weston & Sampson Engineers, Inc. 1 Winners Circle, Suite 130 Albany, NY 12205 518.463.4400 800.SAMPSON www.westonandsampson.com

Issued Date:





Know what's below. Call before you dig.

Issued For

CONSTRUCTION DOCUMENTS

COPYRIGHT © 2024 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAW.

WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED

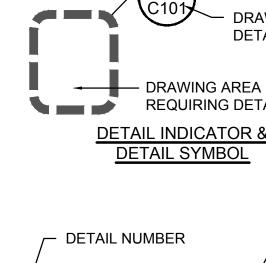
HEREIN.

| G   | ENERAL NOTES   | ABBRE'   | VIATIONS  |
|-----|--|--|---|
| 1.  | THE CONTRACTOR SHALL CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION AND COORDINATE WITH OTHERS AS REQUIRED.   | AC<br>ACCMP<br>APPROX  | ASBESTOS CE<br>ASPHALT COA<br>APPROXIMATE   |
| 2.  | THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE NOT GUARANTEED<br>TO BE COMPLETE OR ACCURATELY LOCATED AND ARE FOR INFORMATION ONLY. ALL<br>UTILITIES MAY NOT BE SHOWN . THE CONTRACTOR SHALL CONTACT U.F.P.O. (1-800-962-7962),<br>DIG SAFELY (888-344-7233), AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY<br>COMPANY HAVING JURISDICTION TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES<br>BEFORE COMMENCING WORK. CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO THE<br>POSSIBLE EXISTENCE OF UNRECORDED UTILITIES. ANY COSTS INCURRED BY THE<br>CONTRACTOR DUE TO FAILURE TO CONTACT THE PROPER AUTHORITIES SHALL BECOME<br>THE RESPONSIBILITY OF THE CONTRACTOR.  | ARV<br>ASTM<br>BC<br>BIT<br>BLDG<br>BM<br>BO<br>BV<br>CATV<br>CB<br>CC           | AIR RELEASE<br>AMERICAN SO<br>BITUMINOUS C<br>BUILDING<br>BENCH MARK<br>BLOW OFF<br>BUTTERFLY V/<br>CABLE TELEVI<br>CATCH BASIN<br>CONCRETE CL                                      |
| 3.  | THE CONTRACTOR SHALL VERIFY ALL EXISTING INFORMATION ON SITE. ANY DISCREPANCIES<br>BETWEEN PLANS AND ACTUAL CONDITIONS SHALL BE IMMEDIATELY COMMUNICATED TO THE<br>OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL<br>EXISTING GRADES IN THE FIELD PRIOR TO THE COMMENCEMENT OF ANY WORK. FIELD<br>VERIFICATIONS SHALL BE PERFORMED THROUGHOUT ALL AREAS OF NEW CONSTRUCTION.<br>THIS FIELD VERIFICATION IS IMPERATIVE TO ENSURE THAT THERE ARE NO DISCREPANCIES<br>BETWEEN THE SITE SURVEY AND WHAT HAS BEEN VERIFIED. IF DISCREPANCIES DO EXIST,<br>THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ENGINEER, IMMEDIATELY,<br>AND PRIOR TO ANY CONSTRUCTION, SO NECESSARY ADJUSTMENTS AND/OR MODIFICATIONS<br>CAN BE MADE TO ACCOMMODATE THESE DISCREPANCIES. ANY FAILURE TO VERIFY THE<br>GRADES PRIOR TO CONSTRUCTION SHALL BE AT THE RISK AND COST OF THE CONTRACTOR. | CI<br>&<br>CL<br>CMP<br>CONC<br>CU FT<br>CY<br>D<br>DI<br>DIA<br>DMH<br>DWG<br>E | CAST IRON<br>CENTERLINE<br>CEMENT LINEI<br>CORRUGATED<br>CONCRETE<br>CUBIC FEET<br>CUBIC YARD<br>STORM DRAIN<br>DROP INLET, E<br>DIAMETER<br>DRAIN MANHO<br>DRAWING<br>EAST, ELECTR |
| 4.  | THE CONTRACTOR SHALL PROVIDE STAKE LAYOUT OF PROPOSED IMPROVEMENTS FOR<br>OWNER'S REPRESENTATIVE REVIEW AND APPROVAL BEFORE COMMENCING WITH ANY<br>GROUND DISTURBANCE.   | EA<br>EF<br>ELEV<br>EOP  | EACH<br>EACH FACE<br>ELEVATION<br>EDGE OF PAVE  |
| 5.  | THE CONTRACTOR SHALL VERIFY PROPOSED GRADES PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.  | EW<br>EXIST<br>FLG   | EACH WAY<br>EXISTING<br>FLANGE  |
| 6.  | THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS FOR THE WORK<br>FROM ANY UTILITY COMPANIES OR OTHER GOVERNING BODIES HAVING JURISDICTION OVER<br>THE WORK OUTLINED IN THESE DRAWINGS.   | FLG<br>FT<br>G<br>GALV<br>GC   | FEANGE<br>FEET, FOOT<br>NATURAL GAS<br>GALVANIZED<br>GRANITE CUR  |
| 7.  | THE CONTRACTOR SHALL ESTABLISH PERMANENT SECONDARY BENCHMARKS PRIOR TO<br>THE START OF CONSTRUCTION. ALL SECONDARY BENCHMARKS SHALL BE SO LOCATED<br>THAT THEY WILL NOT BE DISTURBED BY CONSTRUCTION.  | GR<br>HC<br>HORIZ<br>HP  | GRANITE<br>HOUSE CONNE<br>HORIZONTAL<br>HIGH PRESSU   |
| 8.  | THE CONTRACTOR SHALL MAINTAIN ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT TRACKING OR MOVEMENT OF SEDIMENT OR DEBRIS ONTO ROADWAYS.   | HYD<br>I   | FIRE HYDRAN <sup>-</sup><br>INVERT  |
| 9.  | THE CONTRACTOR SHALL PROVIDE DUST AND EROSION/SEDIMENT CONTROL AS PER SPECIFICATIONS AND/OR AS APPROVED BY OWNER'S REPRESENTATIVE.   | INV<br>ID<br>IP  | INVERT<br>INSIDE DIAME <sup>-</sup><br>IRON PIPE  |
| 10. | THE CONTRACTOR SHALL INSTALL SILT FENCE(S) PRIOR TO ANY SOIL DISTURBANCE. THE<br>CONTRACTOR SHALL INSTALL AND REGULARLY MAINTAIN, AS REQUIRED, ANY AND ALL<br>SILTATION CONTROL MEASURES AND MONITOR THE CONTROL DEVICES AT LEAST ONCE A<br>WEEK TO ENSURE THEIR EFFECTIVENESS.  | LB<br>LF<br>LS<br>MAX<br>MB  | POUND<br>LINEAR FEET<br>LUMP SUM<br>MAXIMUM<br>MAIL BOX   |
| 11. | THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY MEANS OF<br>CONVEYANCE OF STORM RUNOFF AROUND WORK AREA DURING CONSTRUCTION. ALL<br>STORM WATER SHALL BE DISCHARGED OUTSIDE THE CONSTRUCTION AREA IN AN<br>ACCEPTABLE LOCATION THAT WILL NOT ALLOW SEDIMENT TRANSFER TO WETLANDS OR<br>WATER BODIES OR CAUSE PONDING AND/OR FLOODING. THE CONTRACTOR SHALL STABILIZE<br>DISTURBED SLOPES IMMEDIATELY TO PREVENT EROSION FROM OCCURRING WITH AN<br>APPROPRIATE EROSION CONTROL MEASURE. SEE SPECIFICATIONS. IF SLOPE EROSION IS<br>OBSERVED, REPAIR IMMEDIATELY.  | MECH<br>MH<br>MIN<br>MISC<br>MJ<br>N<br>NE<br>NW<br>NF<br>NO OR #                | MECHANICAL<br>MANHOLE<br>MINIMUM<br>MISCELLANEO<br>MECHANICAL<br>NORTH<br>NORTH EAST<br>NORTH WEST<br>NOT FOUND<br>NUMBER   |
| 12. | ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH AND LENGTH AS<br>APPLICABLE. ITEMS NOT SPECIFICALLY IDENTIFIED THAT INTERFERE WITH NEW<br>CONSTRUCTION MUST ALSO BE REMOVED. ALL REFUSE, DEBRIS AND MISCELLANEOUS<br>ITEMS TO BE REMOVED SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.   | OD<br>PCCP<br>PE<br>문<br>PL  | OUTSIDE DIAN<br>PRESTRESSEI<br>PLAIN END, PC<br>PROPERTY LIN<br>PLATE   |
| 13. | CONTRACTOR SHALL STRIP, CLEAR, GRUB AND STOCKPILE EXISTING TOPSOIL TO FULL<br>DEPTH WITHIN LIMIT OF GRADING AND FROM ALL AREAS SUBJECT TO CONSTRUCTION<br>ACTIVITY (INCLUDING STAGING AREAS) BEFORE COMMENCING GRADING OPERATIONS.<br>STRIPPED AND STOCKPILED TOPSOIL IS THE PROPERTY OF THE OWNER, UNLESS<br>AUTHORIZED, AND SHALL NOT BE REMOVED FROM THE SITE. ANY EXCESS OF LOAM<br>ENCOUNTERED WILL BE USED ON SITE IN AREAS DESIGNATED BY THE OWNER'S<br>REPRESENTATIVE. ALL UNUSABLE MATERIAL, AS SPECIFIED, SHALL BE REMOVED FROM THE<br>ENTIRE SITE.  | PVC<br>PVMT<br>RCP<br>ROW<br>RQD<br>S<br>SE<br>SECT<br>SF                        | POLYVINYL CH<br>PAVEMENT<br>REINFORCED<br>RIGHT-OF-WA<br>ROCK QUALITY<br>SEWER, SOUT<br>SOUTH EAST<br>SECTION<br>SQUARE FEET  |
| 14. | ALL EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED THROUGHOUT THE TIME OF CONSTRUCTION, AS SPECIFIED AND/OR DIRECTED BY THE OWNER'S REPRESENTATIVE.  | SHT<br>SPEC<br>SQ FT<br>SS   | SHEET<br>SPECIFICATIO<br>SQUARE FEET<br>SEWER SERVI   |
| 15. | ALL FILL SLOPES 3:1 OR GREATER SHALL RECEIVE BIODEGRADABLE FABRIC OR APPROVED EQUAL FOR EROSION CONTROL, UNLESS OTHERWISE SHOWN OR DIRECTED BY OWNER'S REPRESENTATIVE.   | STA<br>STL<br>SW<br>T  | STATION<br>STEEL<br>SIDEWALK, SC<br>HYDROSTATIC   |
| 16. | ANY AREA OUTSIDE THE LIMITS OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.   | TBM<br>THK<br>TYP  | TEMPORARY E<br>THICK (NESS)<br>TYPICAL  |
| 17. | THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL AREAS DISTURBED AND/OR<br>DAMAGED FROM CONSTRUCTION ACTIVITIES INCLUDING, BUT NOT LIMITED TO, LAWNS,<br>WALKS, PAVEMENTS, ETC IT IS EXPECTED THAT THE CONTRACTOR SHALL MAKE PHOTO<br>LOGS OF ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION FOR HIS/HER RECORDS.   | UP<br>VC<br>VERT<br>W<br>W/  | UTILITY POLE<br>VITRIFIED CLA<br>VERTICAL<br>WATER, WEST<br>WITH  |
| 18. | CONSTRUCTION AND/OR DISTURBANCE SHALL NOT EXTEND BEYOND OWNER'S PROPERTY WITHOUT WRITTEN PERMISSION/PERMIT(S)/FROM ADJACENT LANDOWNERS.  | W/O  | WITHOUT   |
| 19. | THE CONTRACTOR SHALL LOCATE AND MARK UNDERGROUND FACILITIES AND MAINTAIN MARKING DURING CONSTRUCTION.  | DRAW   | NG ORGA   |
| 20. | ALL NECESSARY PERMITS AND APPROVALS, INCLUDING WETLAND AND ARCHAEOLOGICAL<br>PERMITS REQUIRED FOR THIS PROJECT, SHALL BE IN PLACE PRIOR TO COMMENCING WORK.<br>REFER TO SPECIFICATIONS AND ARCHAEOLOGICAL RESOURCE ASSESSMENT FOR<br>ADDITIONAL INFORMATION; COORDINATE WITH TOWN AND PROJECT LANDSCAPE<br>ARCHITECT.  |  |   |
| B   | ASE MAPPING NOTES  |  | DETAIL  |
| 1.  | UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED ON UTILITY EVIDENCE<br>VISIBLE AT GROUND SURFACE AND RECORD DRAWINGS AND ARE SUBJECT TO FIELD<br>VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR<br>REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES.  |  | DETA  |
| 2.  | INFORMATION SHOWN IS BASED UPON PUBLICLY AVAILABLE GIS INFORMATION PROVIDED BY<br>THE STATE OF VERMONT.  |  |   |

WETLAND AND WETLAND BUFFER LIMITS SHOWN ARE DERIVED FROM A FIELD INVESTIGATION PERFORMED BY ARROWWOOD ENVIRONMENTAL AND THE UNITED STATES ARMY CORPS OF ENGINEERS (USACOE), DATED OCTOBER 02, 2023.

ASPHALT COATED CORRUGATED METAL PIPE PROX APPROXIMATE AIR RELEASE VALVE AMERICAN SOCIETY FOR TESTING AND MATERIALS **BITUMINOUS CONCRETE** BITUMINOUS BUILDING **BENCH MARK** BLOW OFF BUTTERFLY VALVE CABLE TELEVISION CATCH BASIN CONCRETE CURB CAST IRON CENTERLINE CEMENT LINED CORRUGATED METAL PIPE CONCRETE CUBIC FEET CUBIC YARD STORM DRAIN, DEPTH FROM RIM TO INVERT DROP INLET, DUCTILE IRON DIAMETER DRAIN MANHOLE DRAWING EAST, ELECTRIC EACH EACH FACE ELEVATION EDGE OF PAVEMENT EACH WAY EXISTING FLANGE FEET, FOOT NATURAL GAS GALVANIZED GRANITE CURB GRANITE HOUSE CONNECTION HORIZONTAL HIGH PRESSURE FIRE HYDRANT INVERT INVERT INSIDE DIAMETER **IRON PIPE** POUND LINEAR FEET LUMP SUM MAXIMUM MAIL BOX MECHANICAL MANHOLE MINIMUM MISCELLANEOUS MECHANICAL JOINT NORTH NORTH EAST NORTH WEST NOT FOUND ) OR # NUMBER OUTSIDE DIAMETER PRESTRESSED CONCRETE CYLINDER PIPE PLAIN END, POLYETHYLENE PROPERTY LINE PLATE POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE **RIGHT-OF-WAY** ROCK QUALITY SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK, SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TEMPORARY BENCH MARK THICK (NESS) TYPICAL UTILITY POLE VITRIFIED CLAY VERTICAL WATER, WEST WITH WITHOUT

### RAWING ORGANIZATION



SCALE: N.T.S. SCALE DETAIL TITLE ON DETAIL DRAWING

### ASBESTOS CEMENT PIPE

**DETAIL NUMBER** DRAWING NUMBER WHERE DETAIL IS DRAWN

**REQUIRING DETAIL** 

- DETAIL TYPE/NAME

DETAIL TITLE

### GENERAL MAINTENANCE PLAN

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.

- 2. SEDIMENT WILL BE REMOVED FROM BEHIND STRAW WATTLES AND BEHIND SILT FENCES WHEN IT BECOMES 6" DEEP AT THE DIKE/FENCE OR WHEN ACCUMULATIONS HAVE ADVERSELY AFFECTED IT'S FUNCTION. STRAW WATTLES AND SITE FENCES WILL BE REPAIRED BY REMOVING SILT AND SEDIMENTS AND THEN TAMPING LOOSE SOIL ALONG BASE, REPLACING DAMAGED OR WEAKENED POSTS AND STAKES. OR AS NECESSARY TO MAINTAIN A BARRIER
- 3. SEDIMENT WILL BE REMOVED AND FILTER DEVICES CLEANED OR REPLACED AT CATCH BASINS WHEN THE SEDIMENT POOL NO LONGER DRAINS FREELY. SEDIMENT ACCUMULATIONS WITHIN DRAINAGE STRUCTURES AND PIPING SHALL BE CLEANED OUT AT THE PROJECT COMPLETION AND AS ORDERED BY OWNER'S REPRESENTATIVE WHEN DETERMINED THAT PRE-COMPLETION INSTALLATIONS NO LONGER FUNCTION PROPERLY DUE TO SEDIMENT OR DEBRIS. EVENTUAL SYSTEM CLEANING IS NOT AN EXCUSE TO NOT IMPLEMENT APPROPRIATE CONTROLS UPSTREAM. THE OWNER'S REPRESENTATIVE SHALL BE THE FINAL JUDGE REGARDING WHETHER THE PIPING SYSTEM REQUIRES CLEANING. THE CONTRACTOR CAN MINIMIZE THE NECESSITY OF EXTENSIVE SILT AND SEDIMENT ACCUMULATION REMOVALS BY EFFECTIVE IMPLEMENTATION OF THE EROSION AND SEDIMENT PLAN.
- 4. ALL DISTURBED AREAS WILL BE FERTILIZED, SEEDED AND MULCHED ACCORDING TO THE PROJECT SPECIFICATIONS TO MAINTAIN VIGOROUS, DENSE VEGETATION. REPAIR ANY ERODED SLOPES, REAPPLY TOPSOIL, RESEED AND STABILIZE REPAIR AREA AS REQUIRED FOR PERMANENT OR TEMPORARY MEANS. REPAIR SOIL AREAS DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
- 5. IMMEDIATELY REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION EQUIPMENT, MAINTENANCE OR OTHER ACTIVITY TO ANY EROSION CONTROL MEASURE, OR BEST MANAGEMENT PRACTICE OR DEVICE.
- 6. THE PRIME CONTRACTOR(S) ARE RESPONSIBLE FOR THE PERFORMANCE AND COMPLIANCE OF THEIR SUB-CONTRACTOR'S ACTIVITIES. THEY SHALL MAKE FREQUENT INSPECTIONS OF THEIR WORK AND COORDINATE APPROPRIATE INSTALLATION AND MAINTENANCE OF EROSION CONTROL AND WATER QUALITY DEVICES.
- 7. EMPLOY POLLUTION PREVENTION MEASURES TO CONTROL LITTER. CONSTRUCTION CHEMICALS. SEDIMENT AND CONSTRUCTION DEBRIS INCLUDING, BUT NOT LIMITED, TO THE FOLLOWING: SALVAGE AND REUSE OF MATERIALS, MINIMIZING PACKAGING WASTE, RECYCLING, PROPER DISPOSAL AT FREQUENT INTERVALS IN ACCORDANCE WITH PREVAILING LAWS, ONSITE INSTRUCTION REGARDING APPROPRIATE SEPARATION/HANDLING/RECYCLING, PERIODIC DEBRIS REMOVAL AT DRAINAGE STRUCTURES (GRATES AND SUMPS)/SEDIMENT TRAPS/FOREBAY AND OTHER BMP'S, PROPER MAINTENANCE OF SEDIMENT/EROSION CONTROL SYSTEMS, ROUTINE AND EVENT RELATED INSPECTIONS OF DRAINAGE AND BMP SYSTEMS PER PERMIT REQUIREMENTS, PROVIDE APPROPRIATE SANITARY FACILITIES FOR ONSITE PERSONNEL, PICK UP TRASH AND DEBRIS FREQUENTLY AND USE WATER MIST, CALCIUM CHLORIDE OR OTHER LEGAL MEANS TO LIMIT THE SPREAD OF DUST AND SOIL PARTICLES.

### **PROTECTION OF TREES:**

PROTECT EXISTING TREES WITHIN 5' OF CENTERLINE OF TRAIL WHICH ARE TO REMAIN AND WHICH MAY BE INJURED, BRUISED, DEFACED, OR OTHERWISE DAMAGED BY CONSTRUCTION OPERATIONS, UTILIZING STANDARD TREE PROTECTION CRITERIA INCLUDING:

- 1. INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM 4' IN HEIGHT) AROUND INDIVIDUAL TREES DESIGNATED FOR PROTECTION. FENCING SHALL BE INSTALLED AT THE OUTWARD LIMIT OF THE TREE'S DRIPLINE OR EXTENT OF CANOPY COVER.
- 2. INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM 4' IN HEIGHT) AROUND GROUPS OF TREES DESIGNATED FOR PROTECTION.
- TREE AND/OR SHRUB BRANCHES IN THE WAY OF EQUIPMENT SHALL BE TRIMMED ACCORDING TO PROFESSIONAL HORTICULTURAL STANDARDS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR AND SUB-CONTRACTORS USE EQUIPMENT TO DEMOLISH BRANCHES AS WORK PROCEEDS.

REQUIRED FENCING SHALL BE INSTALLED PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND SHALL BE REMOVED AT THE CONCLUSION OF CONSTRUCTION. REMOVE DISPLACED ROCKS FROM UNCLEARED AREAS. TREES WITH 30% OR MORE OF THEIR ROOT SYSTEMS DESTROYED BY APPROVED EXCAVATION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND OWNER'S REPRESENTATIVE. REMOVAL OF TREES AND THE PROCEDURE FOR REMOVAL REQUIRES APPROVAL OF THE OWNER. TREES DESIGNATED FOR REMOVAL SHALL BE REMOVED IN A MANNER THAT WILL NOT IMPACT ADJACENT TREES.

### LANDSCAPE REPLACEMENT:

REMOVE TREES AND OTHER LANDSCAPE FEATURES SCARRED OR DAMAGED BY EQUIPMENT OPERATIONS, AND REPLACE WITH EQUIVALENT, UNDAMAGED TREES AND LANDSCAPE FEATURES. OBTAIN OWNER'S APPROVAL BEFORE REPLACEMENT. REPLACEMENT OF TREES SHALL OCCUR ON A ONE-TO-ONE BASIS, UNLESS OTHERWISE NOTED.

### SUGGESTED EROSION CONTROL CONSTRUCTION SCHEDULE

- PROTECTION.
- DRIVEWAY STONE HAS NOT YET BEEN PLACED.
- STONE DRIVEWAY OR CONSTRUCTION ACCESS DRIVE.
- VULNERABLE TO SEDIMENT ACCUMULATIONS.
- COMPLETE SITE CLEARING, STOCKPILE SAVED MATERIALS IN DESIGNATED AREAS.
- OR AS SPECIFIED, MEASURED PERPENDICULAR TO THE SLOPE.

- BASINS OR OTHER APPROPRIATE BMP.
- FOLLOWING INSTANCES:

  - IN WRITING AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- REPRESENTATIVE AND/OR THE JURISDICTION HAVING AUTHORITY.
- CERTIFIED EROSION CONTROL SPECIALIST.

1. FLAG THE GRADING LIMITS AND MARK A 10' BUFFER AREA BEYOND THE GRADING LIMITS FOR

2. INSTALL TEMPORARY CONSTRUCTION ENTRANCE AT APPROXIMATE LOCATION OF DRIVEWAY IF

3. INSTALL PROTECTIVE MEASURES AROUND TREES TO BE RETAINED WITHIN GRADING LIMITS.

4. INSTALL BRIGHTLY COLORED CONSTRUCTION FENCE ALONG ROAD TO LIMIT VEHICULAR ACCESS TO

5. INSTALL INLET PROTECTION DEVICES AT CATCH BASINS DOWN SLOPE FROM THE SITE THAT ARE

7. INSTALL SILT FENCES IN LOCATIONS AROUND THE PERIMETER OF SITE WORK, STOCKPILE AREA AND ALONG THE CONTOUR OF ALL DISTURBED SLOPES AT A MINIMUM OF EVERY 50' OF HORIZONTAL DISTANCE

8. ROUGH GRADE SWALES AROUND PROPOSED EARTHWORK AND STRUCTURES TO EXTENT POSSIBLE WITHIN GRADING LIMITS, INSTALL SILT FENCES, STRAW BALE DIKES, DIVERSION SWALES AND OTHER EROSION CONTROL MEASURES AS SHOWN ON PLANS, AND ENSURE WATER QUALITY OF RUNOFF.

9. CONTRACTOR MUST ROUTINELY INSPECT AND MAINTAIN EROSION CONTROL DEVICES AND BEST MANAGEMENT PRACTICES (BMP'S). DOCUMENT WEEKLY INSPECTIONS IN SEPARATE CONTRACTOR'S LOG.

10. ROUTE ALL DEWATERING AND SUMP PUMP OUTFALLS OF TURBID QUALITY DIRECTLY TO SEDIMENT

11. THE CONTRACTOR SHALL INITIATE STABILIZATION OF ANY BARE SOIL AREAS, AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE OF THE RESPECTIVE AREAS OF THE SITE THE CONTRACTOR SHALL RETAIN SITE RECORDS OF THE EARTHWORK AND STABILIZATION WORK PERFORMED. EXCEPTIONS OF THIS POLICY CAN BE GRANTED UNDER NORMAL CONDITIONS IN THE

A. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IN PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

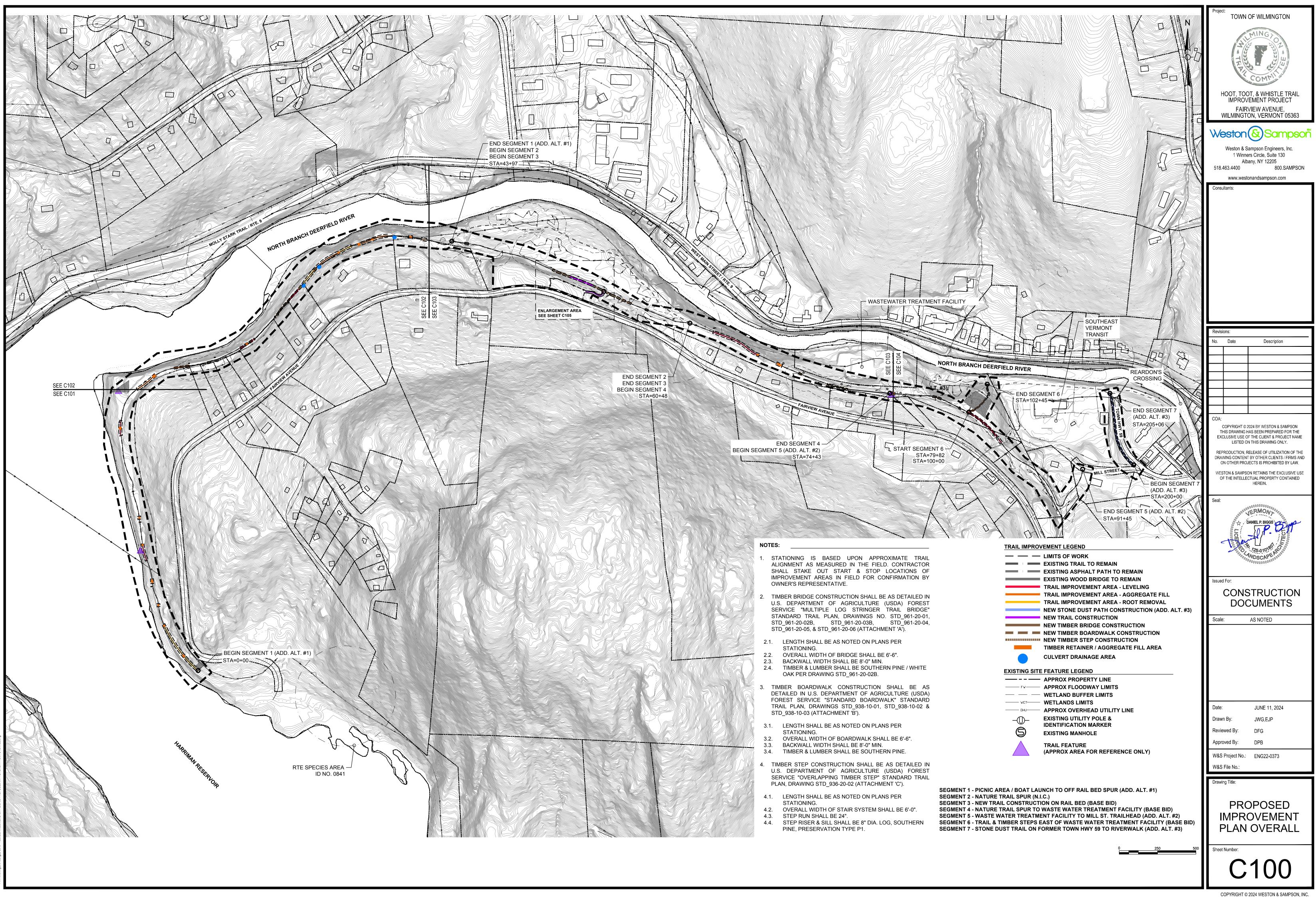
B. WHERE CONSTRUCTION ACTIVITY TON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN TWENTY-ONE (21) DAYS, TEMPORARY STABILIZATION MEASURES NEED NOT BE INITIATED ON THE PORTION OF THE SITE IF REQUESTED

12. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ATTAINED. REMOVE OF ANY EROSION CONTROL MEASURES MUST FIRST BE APPROVED BY THE OWNER'S

13. WHEN WEATHER CONDITIONS PROHIBIT SEED GERMINATION, DISTURBED GROUND SHOULD BE MULCHED WITH STRAW OR FIBER MULCH AND RECEIVE A BINDER/TACK APPLICATION OR EQUIVALENT.

14. THE SCHEDULE DESCRIPTIONS ABOVE ARE SUGGESTIONS PROVIDED TO ASSIST THE CONTRACTOR(S) IN DEVELOPING THEIR EROSION & SEDIMENT CONTROL SCHEDULE SPECIFIC TO THIS PROJECT. THE ACTUAL SCHEDULING AND IMPLEMENTATION OF THE EROSION & SEDIMENT CONTROL PLAN AND MAINTENANCE OF REQUIRED WATER QUALITY IS THE RESPONSIBILITY OF THE CONTRACTOR(S). THE EROSION AND SEDIMENT CONTROL PLAN AND DEVICES SHOWN ARE CONSIDERED TO COMPRISE THE MAJORITY OF EFFORTS NEEDED, BUT NOT NECESSARILY ALL THAT WILL BE REQUIRED. WEATHER, SITE, AND UNFORESEEN CONDITIONS CAN DICTATE THAT GREATER EFFORTS WILL BE NECESSARY. THESE CONTRIBUTIONS WILL CONSIST OF AN EROSION AND CONTROL SCHEDULE (AS SPECIFIED IN THE PROJECT MANUAL), SHORT NARRATIVE OF ANTICIPATED EROSION CONTROL ACTIVITIES, INSPECTION REPORTS AND LOGS AND SIGNED CERTIFICATION STATEMENTS AND PRE-CONSTRUCTION PHOTOGRAPHS AS SPECIFIED. THIS COMPETENT PERSON SHALL BE EITHER A LICENSED ENGINEER, LANDSCAPE ARCHITECT OR

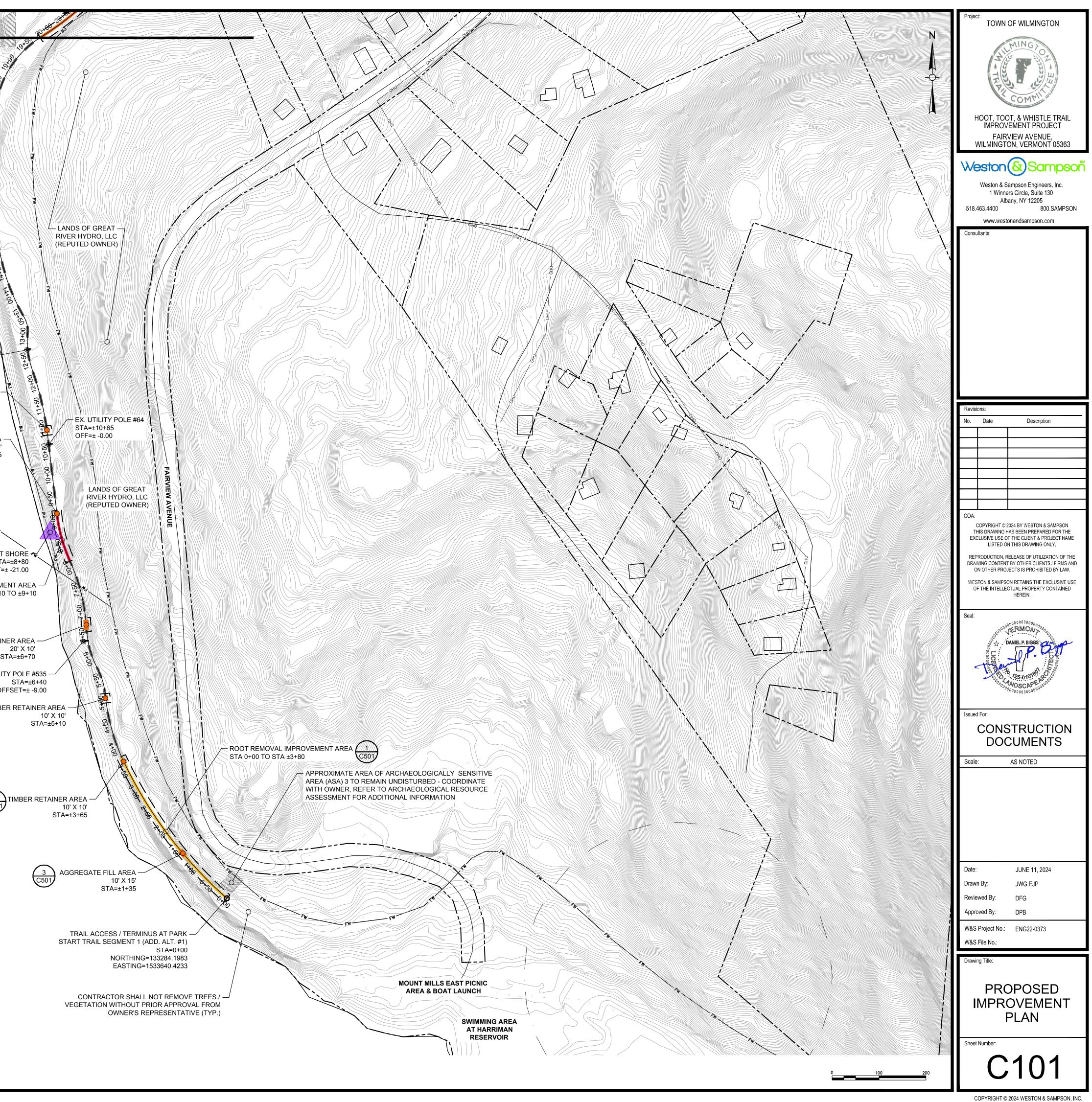
| Project:<br>TOWN  | OF WILMINGTON  |  |  |  |  |
|---|--|--|--|--|--|
|   |  |  |  |  |  |
|   | MINGYO   |  |  |  |  |
| 4   |  |  |  |  |  |
| RE  |  |  |  |  |  |
|   | COMMIT   |  |  |  |  |
| HOOT, TO  | OT, & WHISTLE TRAIL  |  |  |  |  |
| -   | /EMENT PROJECT<br>VIEW AVENUE,   |  |  |  |  |
|   | ON, VERMONT 05363  |  |  |  |  |
| Weston  | & Sampson  |  |  |  |  |
|   | Sampson Engineers, Inc.  |  |  |  |  |
| 1 Winne   | ers Circle, Suite 130<br>bany, NY 12205  |  |  |  |  |
| 518.463.4400  | 800.SAMPSON  |  |  |  |  |
| Consultants:  | tonandsampson.com  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
| Revisions:  |  |  |  |  |  |
| No. Date  | Description  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
| ┃┠──┼───  |  |  |  |  |  |
| COA:  |  |  |  |  |  |
| THIS DRAWING I  | 2024 BY WESTON & SAMPSON<br>HAS BEEN PREPARED FOR THE  |  |  |  |  |
|   | OF THE CLIENT & PROJECT NAME<br>ON THIS DRAWING ONLY.  |  |  |  |  |
|   |  |  |  |  |  |
| DRAWING CONTEN  | RELEASE OF UTILIZATION OF THE<br>T BY OTHER CLIENTS / FIRMS AND  |  |  |  |  |
| ON OTHER PRO  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.  |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS  | T BY OTHER CLIENTS / FIRMS AND   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>ICTUAL PROPERTY CONTAINED<br>HEREIN.  |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>ICTUAL PROPERTY CONTAINED<br>HEREIN.  |  |  |  |  |
| ON OTHER PRO  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>ICTUAL PROPERTY CONTAINED<br>HEREIN.  |  |  |  |  |
| ON OTHER PRO  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.<br>DANIEL P. BIGGS<br>DANIEL P. BIGGS<br>DO SCAPE 0000<br>DANIEL P. BIGGS<br>DANIEL P. |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:<br>Approved By:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:<br>Approved By:<br>W&S Project No.:<br>W&S File No.:                   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:<br>Approved By:<br>W&S Project No.:   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:<br>Approved By:<br>W&S Project No.:<br>W&S File No.:                   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:<br>Approved By:<br>W&S Project No.:<br>W&S File No.:<br>Drawing Title: | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:<br>Approved By:<br>W&S Project No.:<br>W&S File No.:                   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:<br>Approved By:<br>W&S Project No.:<br>W&S File No.:                   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Issued For:<br>CONS<br>DOC<br>Scale:<br>Date:<br>Drawn By:<br>Reviewed By:<br>Approved By:<br>W&S Project No.:<br>W&S File No.:                   | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |
| ON OTHER PRO<br>WESTON & SAMPS<br>OF THE INTELLE<br>Seal:<br>Seal:<br>Seal:<br>Issued For:<br>CONS<br>CONS<br>CONS<br>CONS<br>CONS<br>CONS<br>CONS<br>CONS  | T BY OTHER CLIENTS / FIRMS AND<br>JECTS IS PROHIBITED BY LAW.<br>ON RETAINS THE EXCLUSIVE USE<br>CTUAL PROPERTY CONTAINED<br>HEREIN.   |  |  |  |  |

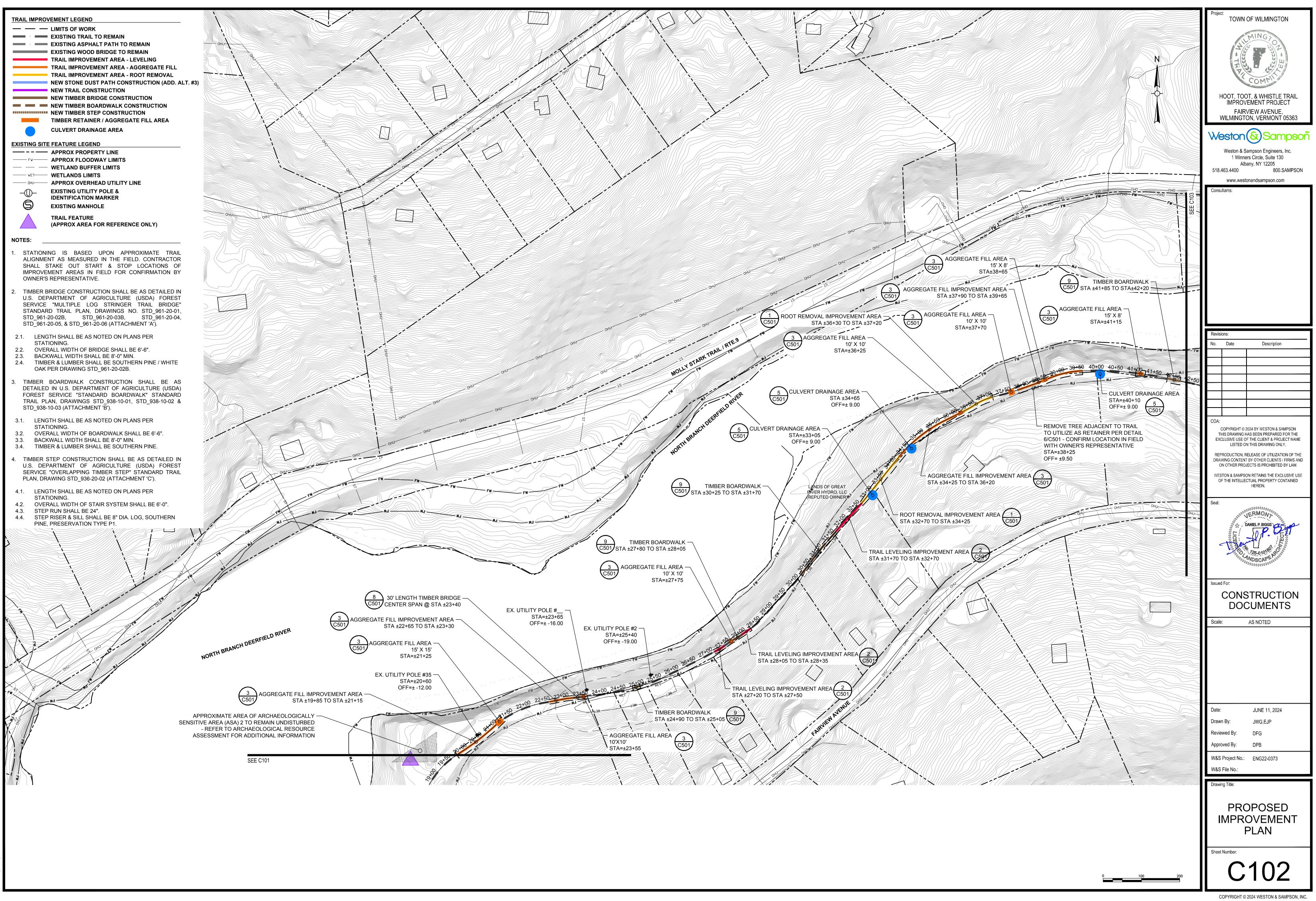


nington, vtleng22-0373 - hoot toot whistle trail/CADI/PAS/C100 PROPOSED IMPROVEMENT PLAN OVEF

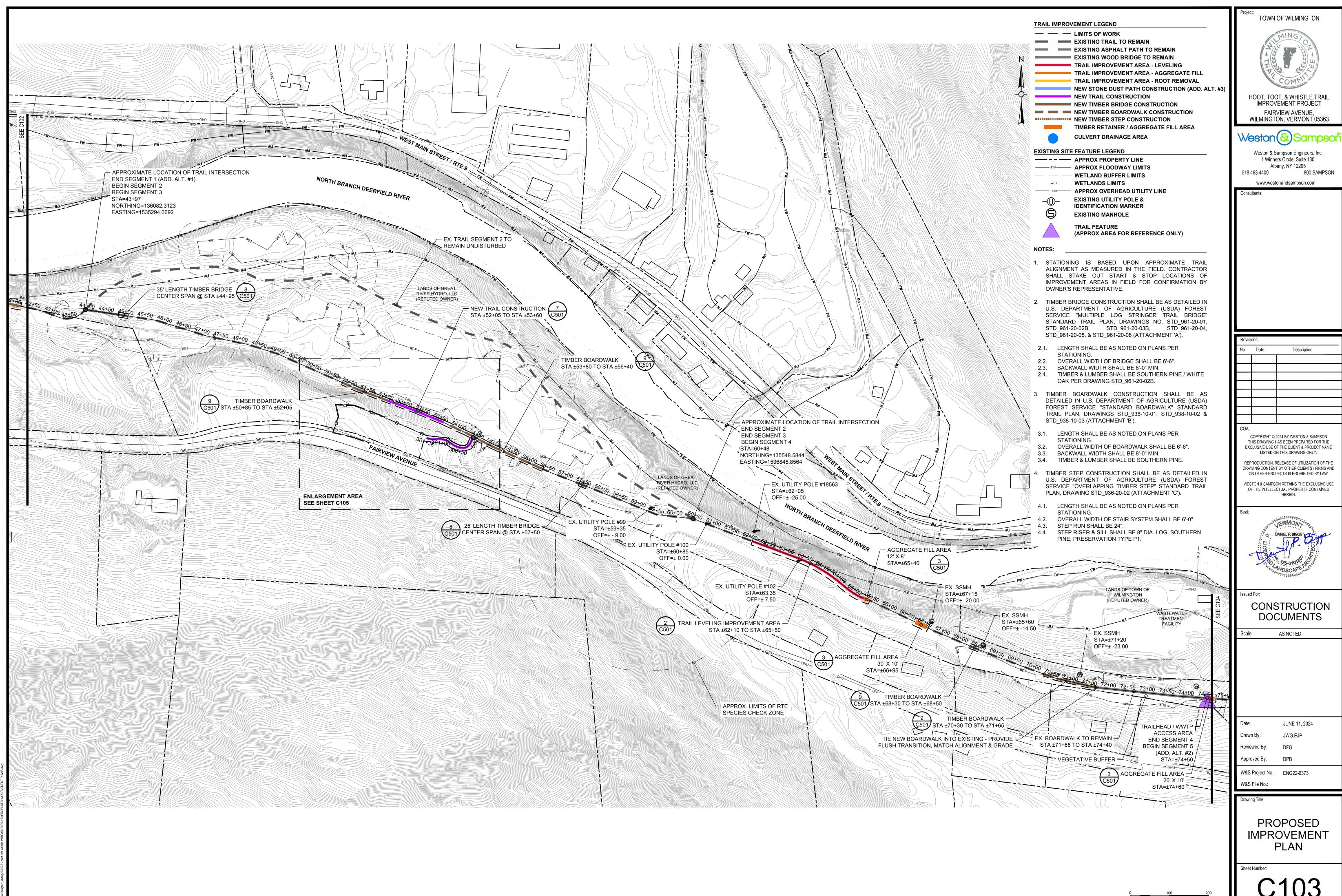
| TRAIL IMPROVEMENT LEGEND   |   |                              |
|--|---|------------------------------|
|  | SEE C102  |                              |
| EXISTING TRAIL TO REMAIN<br>EXISTING ASPHALT PATH TO REMAIN  |   |                              |
| EXISTING WOOD BRIDGE TO REMAIN<br>TRAIL IMPROVEMENT AREA - LEVELING  | APPROXIMATE AREA OF ARCHAEOLOGICALLY SENSITIVE<br>AREA (ASA) 2 TO REMAIN UNDISTURBED - COORDINATE                     | - Si                         |
| TRAIL IMPROVEMENT AREA - AGGREGATE FILL<br>TRAIL IMPROVEMENT AREA - ROOT REMOVAL   | WITH OWNER, REFER TO ARCHAEOLOGICAL RESOURCE  | 18+50                        |
| NEW STONE DUST PATH CONSTRUCTION (ADD. ALT. #  | 3)  | 1940                         |
| NEW TRAIL CONSTRUCTION<br>NEW TIMBER BRIDGE CONSTRUCTION   |   | 0<br>- 3<br>- 3              |
| NEW TIMBER BOARDWALK CONSTRUCTION  |   | St.                          |
| TIMBER RETAINER / AGGREGATE FILL AREA  | EX. UTILITY POLE #52  |                              |
| EXISTING SITE FEATURE LEGEND   | STA=±17+35<br>OFF=± -10.00  |                              |
| —— – – —— APPROX PROPERTY LINE   | $\sim$  |                              |
|  | AGGREGATE FILL AREA   | 16+00                        |
|  | STA=±17+00  | 12+20                        |
| - EXISTING UTILITY POLE &<br>IDENTIFICATION MARKER   | $\begin{array}{r} \hline 2\\ \hline \\ \hline $ |                              |
| S EXISTING MANHOLE   |   | 12+00<br>12+00               |
| TRAIL FEATURE<br>(APPROX AREA FOR REFERENCE ONLY)  |   | 0674                         |
| NOTES:   |   |                              |
| 1. STATIONING IS BASED UPON APPROXIMATE TRAIL  |   |                              |
| ALIGNMENT AS MEASURED IN THE FIELD. CONTRACTOR<br>SHALL STAKE OUT START & STOP LOCATIONS OF  |   |                              |
| IMPROVEMENT AREAS IN FIELD FOR CONFIRMATION BY<br>OWNER'S REPRESENTATIVE.  |   |                              |
| 2. TIMBER BRIDGE CONSTRUCTION SHALL BE AS DETAILED IN  | The EX. UTIL  | LITY POLE #63                |
| U.S. DEPARTMENT OF AGRICULTURE (USDA) FOREST<br>SERVICE "MULTIPLE LOG STRINGER TRAIL BRIDGE"   |   | STA=±12+70<br>OFF=± -1.00    |
| STANDARD TRAIL PLAN, DRAWINGS NO. STD_961-20-01,<br>STD_961-20-02B, STD_961-20-03B, STD_961-20-04,   |   | GATE FILL AREA —             |
| STD_961-20-05, & STD_961-20-06 (ATTACHMENT 'A').   | rw AGGREO   | GATE FILL AREA               |
| <ul> <li>2.1. LENGTH SHALL BE AS NOTED ON PLANS PER<br/>STATIONING.</li> <li>2.2. OVERALL WIDTH OF BRIDGE SHALL BE 6' 6"</li> </ul>  |   |                              |
| <ul> <li>2.2. OVERALL WIDTH OF BRIDGE SHALL BE 6'-6".</li> <li>2.3. BACKWALL WIDTH SHALL BE 8'-0" MIN.</li> <li>2.4. TIMBER &amp; LUMBER SHALL BE SOUTHERN PINE / WHITE</li> </ul>   |   | RETAINER AREA -              |
| OAK PER DRAWING STD_961-20-02B.  | 5W C501   | 10' X 10'<br>STA=±9+15       |
| 3. TIMBER BOARDWALK CONSTRUCTION SHALL BE AS<br>DETAILED IN U.S. DEPARTMENT OF AGRICULTURE (USDA)  |   |                              |
| FOREST SERVICE "STANDARD BOARDWALK" STANDARD TRAIL PLAN, DRAWINGS STD_938-10-01, STD_938-10-02 &   | ^w  |                              |
| STD_938-10-03 (ATTACHMENT 'B').  |   | - FW                         |
| 3.1. LENGTH SHALL BE AS NOTED ON PLANS PER<br>STATIONING.  |   |                              |
| <ul> <li>3.2. OVERALL WIDTH OF BOARDWALK SHALL BE 6'-6".</li> <li>3.3. BACKWALL WIDTH SHALL BE 8'-0" MIN.</li> <li>2.4. TIMPER &amp; LUMPER SHALL BE SOUTHERN DIME.</li> </ul>   |   | -rw_                         |
| 3.4. TIMBER & LUMBER SHALL BE SOUTHERN PINE.   | EX. ROCK C  | OUTCROPPING AT S             |
| U.S. DEPARTMENT OF AGRICULTURE (USDA) FOREST<br>SERVICE "OVERLAPPING TIMBER STEP" STANDARD TRAIL   | I   | STA=<br>OFFSET=±             |
| PLAN, DRAWING STD_936-20-02 (ATTACHMENT 'C').  | TRAIL LEVE  | ELING IMPROVEME<br>STA ±8+10 |
| 4.1. LENGTH SHALL BE AS NOTED ON PLANS PER<br>STATIONING.  | HARAMAN RESERVOIR   |                              |
| <ul><li>4.2. OVERALL WIDTH OF STAIR SYSTEM SHALL BE 6'-0".</li><li>4.3. STEP RUN SHALL BE 24".</li></ul>   | teser.  |                              |
| 4.4. STEP RISER & SILL SHALL BE 8" DIA. LOG, SOUTHERN PINE, PRESERVATION TYPE P1.  | ANOIR   |                              |
|  |   | J ST                         |
|  |   | EX. UTILIT                   |
|  |   | OFF                          |
|  |   |                              |
|  |   | C501                         |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   | $\frown$                     |
|  |   | 6<br>C501                    |
|  |   | ~                            |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
| Martin Contraction of the second seco |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |
|  |   |                              |

ngton, vtleng22-0373 - hoot toot whistle trail/CAD/PAS/C101 PROPOSED IMPOVEMENT PLAN dwg

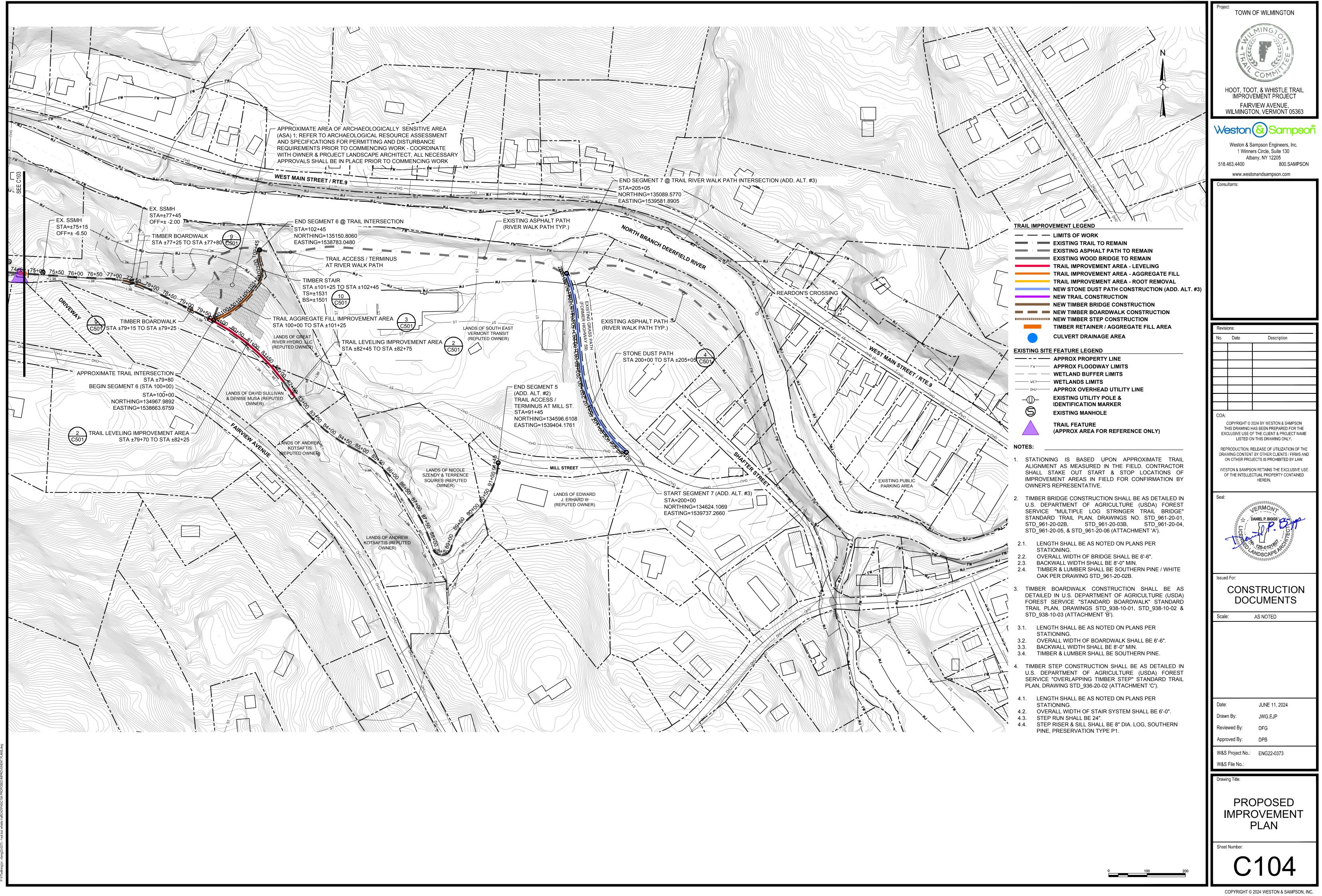


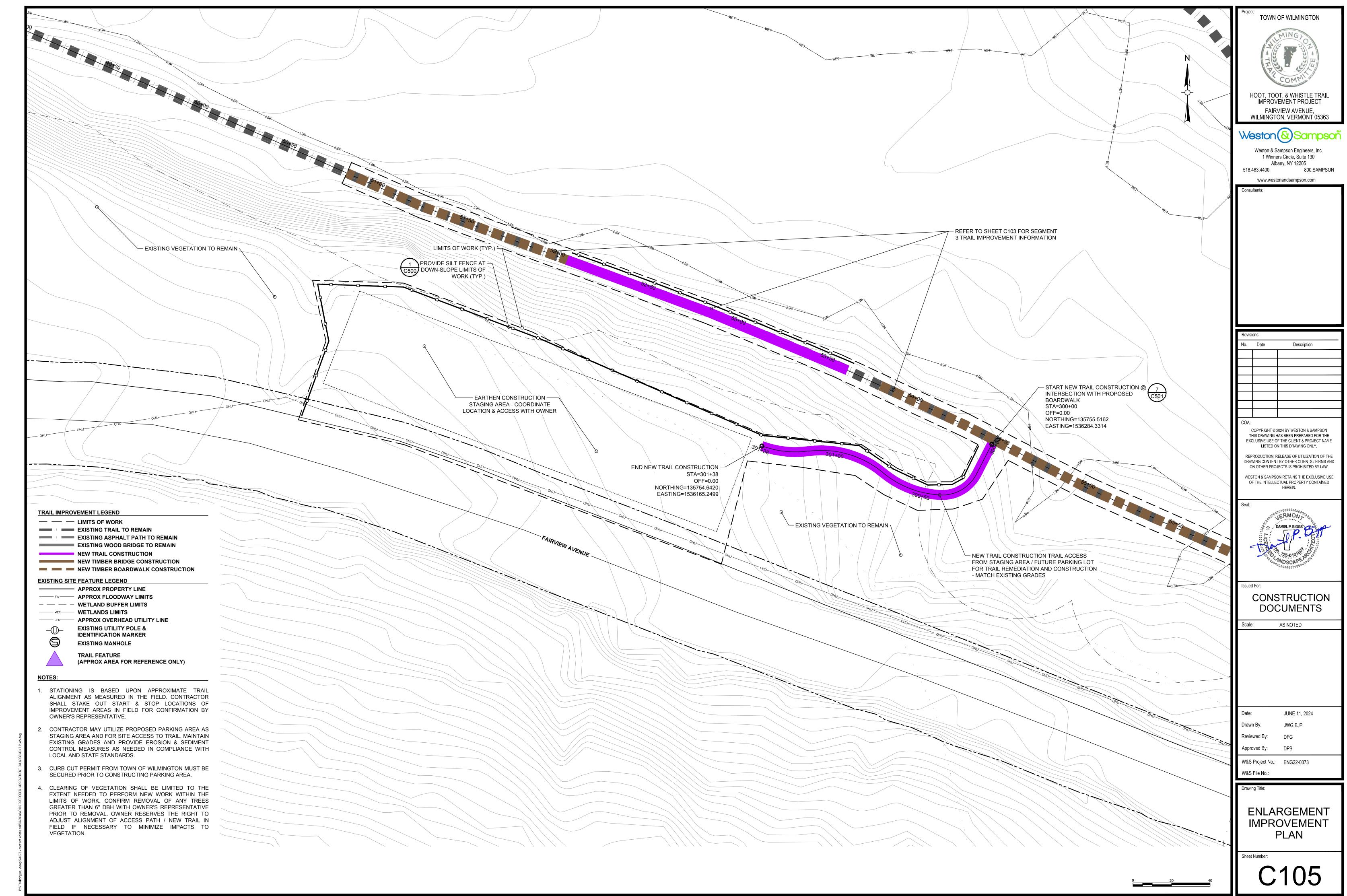


ington, vtleng22-0373 - hoot toot whistle trail/CAD/PAS/C102 PROPOSED IMPROVEMENT

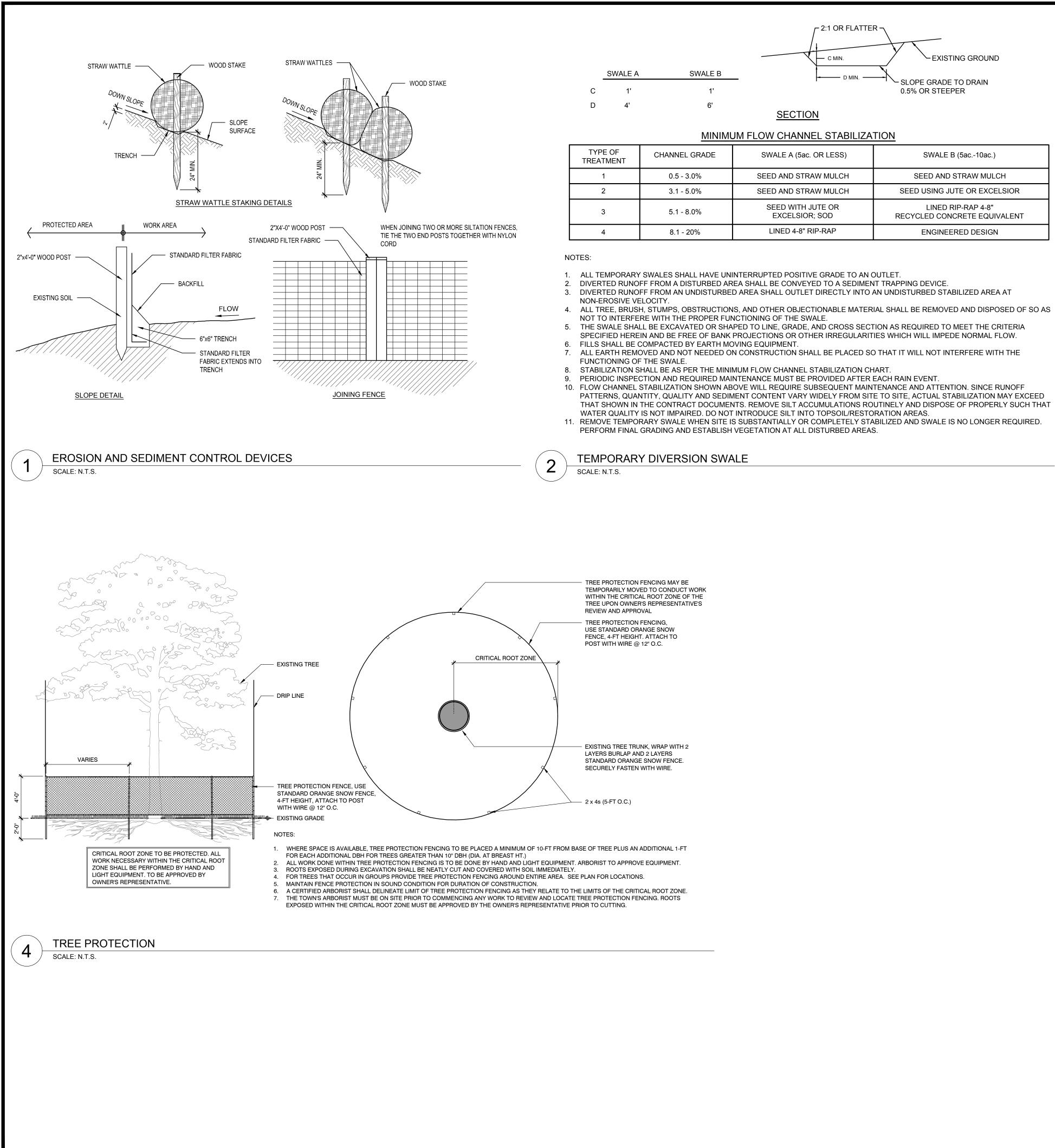


COPYRIGHT © 2024 WESTON & SAMPSON, INC.



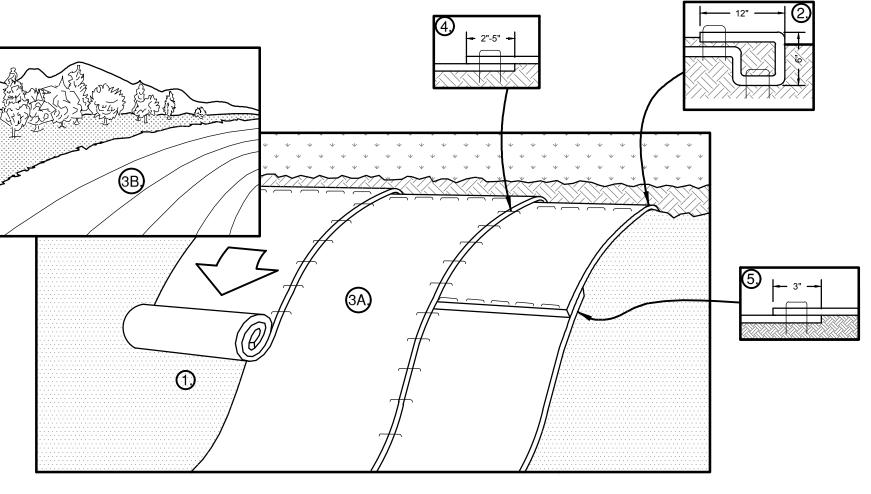


COPYRIGHT © 2024 WESTON & SAMPSON, INC.



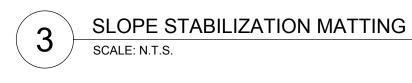
| TYPE OF<br>TREATMENT | CHANNEL GRADE | SWALE A (5ac. OR LESS)              | SWALE B (5ac10ac.)                                 |
|----------------------|---------------|-------------------------------------|--|
| 1                    | 0.5 - 3.0%    | SEED AND STRAW MULCH                | SEED AND STRAW MULCH                               |
| 2                    | 3.1 - 5.0%    | SEED AND STRAW MULCH                | SEED USING JUTE OR EXCELSIOR                       |
| 3                    | 5.1 - 8.0%    | SEED WITH JUTE OR<br>EXCELSIOR; SOD | LINED RIP-RAP 4-8"<br>RECYCLED CONCRETE EQUIVALENT |
| 4                    | 8.1 - 20%     | LINED 4-8" RIP-RAP                  | ENGINEERED DESIGN                                  |

- 10. FLOW CHANNEL STABILIZATION SHOWN ABOVE WILL REQUIRE SUBSEQUENT MAINTENANCE AND ATTENTION. SINCE RUNOFF PATTERNS, QUANTITY, QUALITY AND SEDIMENT CONTENT VARY WIDELY FROM SITE TO SITE, ACTUAL STABILIZATION MAY EXCEED THAT SHOWN IN THE CONTRACT DOCUMENTS. REMOVE SILT ACCUMULATIONS ROUTINELY AND DISPOSE OF PROPERLY SUCH THAT
- 11. REMOVE TEMPORARY SWALE WHEN SITE IS SUBSTANTIALLY OR COMPLETELY STABILIZED AND SWALE IS NO LONGER REQUIRED.



NOTES:

- WITH PAPER SIDE DOWN. THE RECP'S.

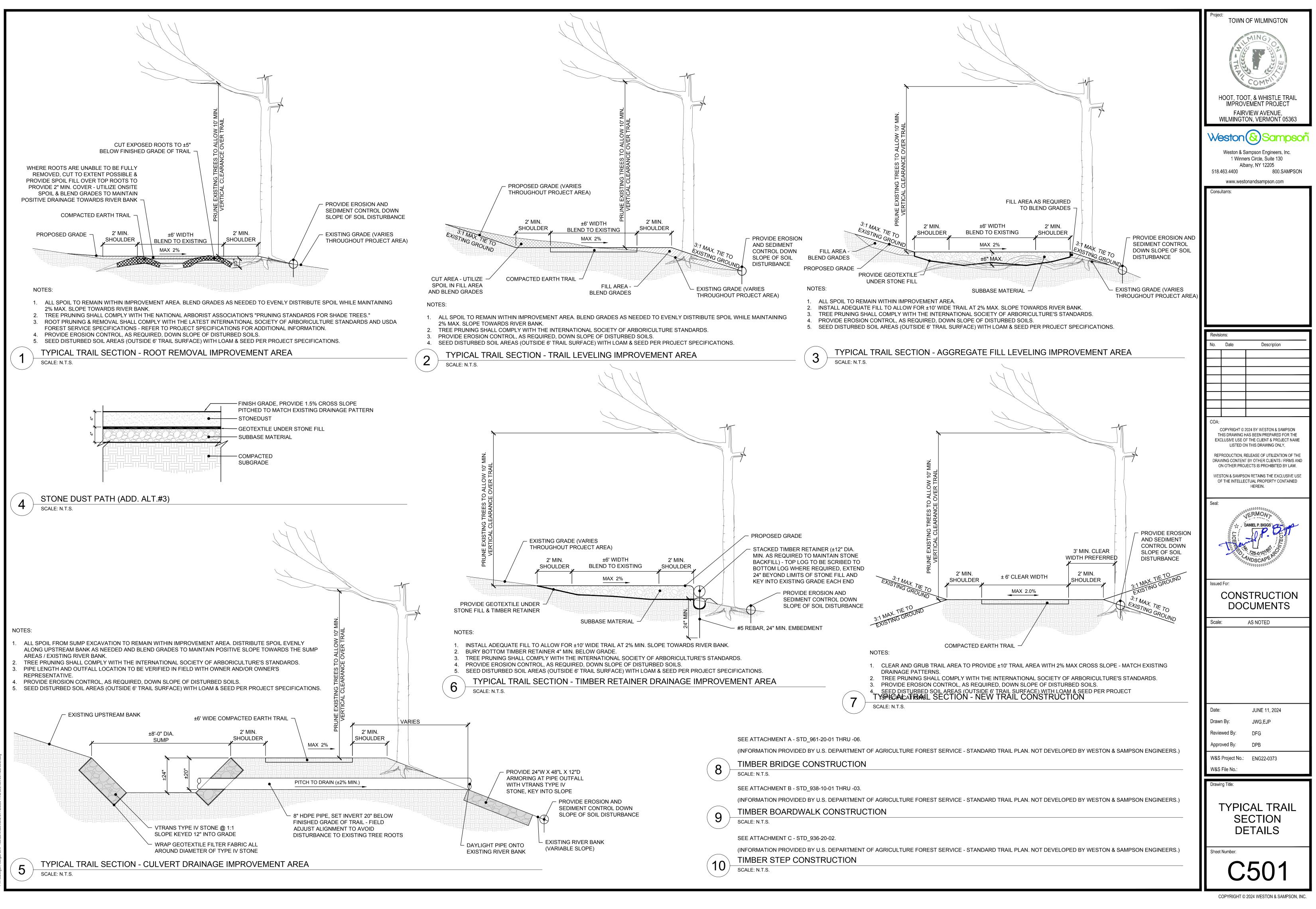


1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER AND SEED. WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED

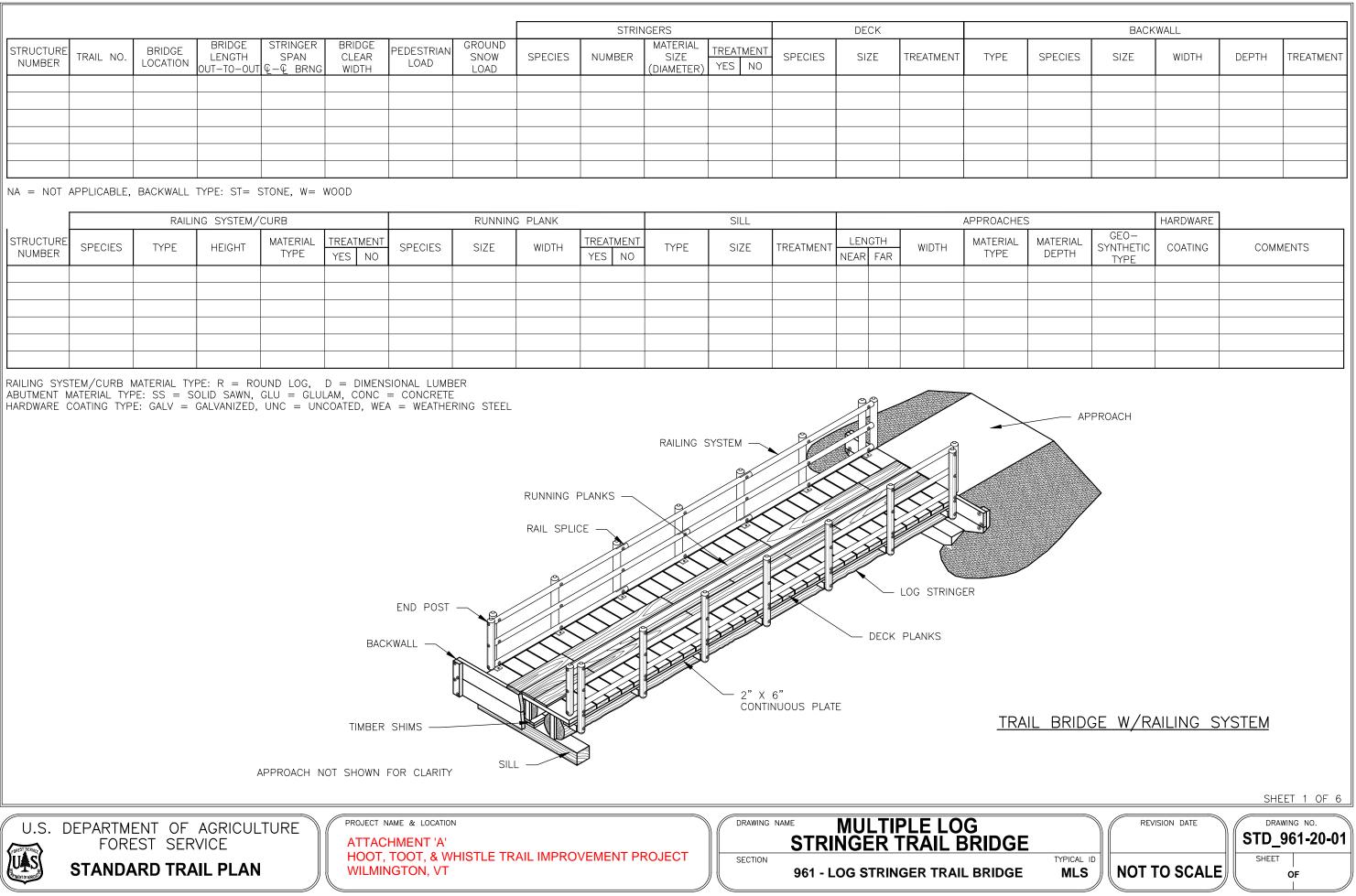
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF

ROLL THE RECP'S DOWN (A) OR HORIZONTALLY (B) ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN. 4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON RECP'S TYPE. 5. CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS THE ENTIRE RECP'S TYPE. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE STAKES LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S.

| Project<br>TOWN OF WILMINGTON<br>Willing and a second and a subsective and a s  |   |        |
|---|---|--------|
| INCREMENT PROJECT<br>FAIRVIEW AVENUE,<br>WILMINGTON, VERMONT 05363<br>Weston & Sampson Engineers, Inc.<br>1/Winers Circle, Suite 130<br>Albany, NY 12205<br>518.463.4400 800.SAMPSON<br>www.westonandsampson.com<br>Cons.Jlants:<br>No. Date Description<br>Revisions:<br>No. Date Description<br>Converting of the 2024 BY WESTON & SAMPSON<br>DESCRIPTION<br>CONVERTING AND ALBANE<br>CONVERTING AND ALBANE  | Project:<br>TOWN OF WILMINGTON  |        |
| IMPROVEMENT PROJECT<br>FAIRVIEW AVENUE,<br>VIEMINGTON, VERMONT 05363<br>Veston & Sampson Engineers, Inc.<br>1 Vieners Circle, Suite 130<br>Albany, NY 12205<br>518.483.4400 800.SAMPSON<br>Www.westonandsampson.com<br>Veww.westonandsampson.com<br>Verwienten<br>No. Date Description<br>Albany Market<br>No. Date Description<br>Cover<br>CoverNight & 2024 BY WESTON & SAMPSON<br>The Date Description<br>Date: AS NOTED<br>Date: AS NOTED<br>Date: AS NOTED<br>Date: Description<br>Date: Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Desc  | MING  |        |
| IMPROVEMENT PROJECT<br>FAIRVIEW AVENUE<br>WILMINGTON, VERMONT 05363<br>Weston & Sampson Engineers, Inc.<br>YWINGTON, VERMONT 05363<br>Weston & Sampson Engineers, Inc.<br>YWINGTON, WESTON & SAMPSON<br>WWW.westonandsampson.com<br>WWW.westonandsampson.com<br>Revisions:<br>No. Date Description<br>Revisions:<br>No. Date Description<br>CON:<br>COPYRIGHT & 2004 BY WESTON & SAMPSON<br>THE INFORMATION OF THE<br>DESCRIPTION OF THE CLEMTS FIRE ALL<br>CON:<br>COPYRIGHT & 2004 BY WESTON & SAMPSON<br>THE INFELLECTUL FROMMON ONLY.<br>VESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INFELLECTUL FORCERT AVIANDED<br>Seal:<br>Date: JUNE 11, 2024<br>Date: AS NOTED<br>Date: JUNE 11, 2024<br>Date: DESCRIPTION OF THE<br>DESCRIPTION OF THE INFELLECTUL FORCERT OF THE<br>DESCRIPTION OF  | ALL COMPANY   |        |
| IMPROVEMENT PROJECT<br>FAIRVIEW AVENUE,<br>VILMINGTON, VERMONT 050363<br>Weston & Sampson Engineers, Inc.<br>'Vinners Circle, Suite 120<br>Albany, NY 12205<br>518.463.4400 800.SAMPSON<br>Www.westonandsampson.com<br>Revisione:<br>No. Date Description<br>Revisione:<br>No. Date Description<br>CON:<br>COPYRIGHT & 2004 BY WESTON & SAMPSON<br>THE DESCRIPTION<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>CON:<br>C  |   |        |
| INCREMENT PROJECT<br>FAIRVIEW AVENUE,<br>WILMINGTON, VERMONT 05363<br>Weston & Sampson Engineers, Inc.<br>1/Winers Circle, Suite 130<br>Albany, NY 12205<br>518.463.4400 800.SAMPSON<br>www.westonandsampson.com<br>Cons.Jlants:<br>No. Date Description<br>Revisions:<br>No. Date Description<br>Converting of the 2024 BY WESTON & SAMPSON<br>DESCRIPTION<br>CONVERTING AND ALBANE<br>CONVERTING AND ALBANE  |   |        |
| IMPROVEMENT PROJECT<br>FAIRVIEW AVENUE,<br>VIEMINGTON, VERMONT 05363<br>Veston & Sampson Engineers, Inc.<br>1 Vieners Circle, Suite 130<br>Albany, NY 12205<br>518.483.4400 800.SAMPSON<br>Www.westonandsampson.com<br>Veww.westonandsampson.com<br>Verwienten<br>No. Date Description<br>Albany Market<br>No. Date Description<br>Cover<br>CoverNight & 2024 BY WESTON & SAMPSON<br>The Date Description<br>Date: AS NOTED<br>Date: AS NOTED<br>Date: AS NOTED<br>Date: Description<br>Date: Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Description<br>Desc  | COMPT   |        |
| VILMINGTON, VERMONT 05363 VILMINGTON, VERMONT 05363 Viceston & Sampson Engineers, Inc. 1 Viningers Circle, Subie 130 Albany, NY 12205 S18.463.4400 B00.SAMPSON WWW.Westonandsampson.com Consultants:  | HOOT, TOOT, & WHISTLE TRAIL<br>IMPROVEMENT PROJECT                                |        |
|   | FAIRVIEW AVENUE,<br>WILMINGTON, VERMONT 05363                                     |        |
| Winters Circle, Suite 130<br>Albany, NY 12205         S18.43.430       300.SAMPSON         www.westonandsampson.com         Consultants:         Image: State 100 Sta   |   |        |
| 1 Winners Circle, Suite 130         Abany, NY 12005         Stat 433.4400         WWW.Westonandsampson.com         Consultants:         Iona data         No.       Date         Description         Homes data         No.       Date         Description         Homes data         Homes data         No.       Date         Description         Homes data         Data         Joac         Ioac         Joac         Listed or         Homes data         Homes data         Listed or         Ioac         Listed or         Listed or         Listed or <tr< td=""><td>Weston &amp; Sampson</td><td></td></tr<>   | Weston & Sampson  |        |
| Stal.433.4400     WWW.Westlonandsampson.com     Consultants:     Consultants:         Tervisions:         Tervisions:         No. Date Description         Description         Date Description         Date Description         Description         Date Description         D   |   |        |
| Consultants:         Revisions:         No.       Date         Date       Description         Date       Description         COA:       COA:         COA:       COA:         COA:       Description         Date       Description         Date       Description         Date       Description         COA:       COA:         COA:       COA:         Sectors as SetENERPERATE CLEMS: FINANE SAME SCON THIS ORAWING ONLY.         REPRODUCTOR RELASE OF UTILIZATION OF THE DESCUESON THIS ORAWING ONLY.         REPRODUCTOR RELASE OF UTILIZATION OF THE DESCUESON THIS ON FROME CLEMS: FINANE SAME SCON ON OTHER PROJECTS IS PROHIBITED BY LAW.         WESTON & SAMESON RETAINS THE EXCLUSIVE USE         OF THE INTELLECTURE OPERTY CONTAINED         USE:       AS NOTED         Issued For:       CONSTRUCTION RETAINS THE FLOOR SCLUSIVE USE         Scale:       AS NOTED         Date:       JUNE 11, 2024         Drawing By:       JWG FLP         Reviewed By:       DFG         Approved By:       DFB         W&S Project No.:       ENG22-0373         W&S Fle No.:       Drawing Title:   | -   |        |
| Revisions:         No.       Date         Description         Image: Colspan="2">Image: Colspan="2">Colspan="2"         Seel:       Seel:         June 11, 2024         Date:       JUNE 11, 2024   |   | T      |
| No.       Date       Description         Image: Construction of the con   | Consultants.  |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   |   |        |
| No.       Date       Description         Image: Construction of the con   | Revisions:  | 2<br>1 |
| COPYRIGHT © 2024 BY WESTON & SAMPSON<br>THIS DRAWING HAS BEEN PREPARED FOR THE<br>EXCLUSIVE USE OF THE CLIENT & PROJECT NAME<br>LISTED ON THIS DRAWING ONLY.<br>REPRODUCTION, RELEASE OF UTILIZATION OF THE<br>DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.<br>WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:<br>Seal:   |   |        |
| COPYRIGHT © 2024 BY WESTON & SAMPSON<br>THIS DRAWING HAS BEEN PREPARED FOR THE<br>EXCLUSIVE USE OF THE CLIENT & PROJECT NAME<br>LISTED ON THIS DRAWING ONLY.<br>REPRODUCTION, RELEASE OF UTILIZATION OF THE<br>DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.<br>WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:  |   |        |
| COPYRIGHT © 2024 BY WESTON & SAMPSON<br>THIS DRAWING HAS BEEN PREPARED FOR THE<br>EXCLUSIVE USE OF THE CLIENT & PROJECT NAME<br>LISTED ON THIS DRAWING ONLY.<br>REPRODUCTION, RELEASE OF UTILIZATION OF THE<br>DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.<br>WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:  |   |        |
| COPYRIGHT © 2024 BY WESTON & SAMPSON<br>THIS DRAWING HAS BEEN PREPARED FOR THE<br>EXCLUSIVE USE OF THE CLIENT & PROJECT NAME<br>LISTED ON THIS DRAWING ONLY.<br>REPRODUCTION, RELEASE OF UTILIZATION OF THE<br>DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.<br>WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:  |   |        |
| COPYRIGHT © 2024 BY WESTON & SAMPSON<br>THIS DRAWING HAS BEEN PREPARED FOR THE<br>EXCLUSIVE USE OF THE CLIENT & PROJECT NAME<br>LISTED ON THIS DRAWING ONLY.<br>REPRODUCTION, RELEASE OF UTILIZATION OF THE<br>DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.<br>WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:  |   |        |
| COPYRIGHT © 2024 BY WESTON & SAMPSON<br>THIS DRAWING HAS BEEN PREPARED FOR THE<br>EXCLUSIVE USE OF THE CLIENT & PROJECT NAME<br>LISTED ON THIS DRAWING ONLY.<br>REPRODUCTION, RELEASE OF UTILIZATION OF THE<br>DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.<br>WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:<br>Seal:   |   |        |
| THIS DRAWING HAS BEEN PREPARED FOR THE<br>EXCLUSIVE USE OF THE CLEARY A PROJECT NAME<br>LISTED ON THIS DRAWING ONLY.         REPRODUCTION, RELEASE OF UTILIZATION OF THE<br>DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.         WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.         Seal:         ONDER THE DESCRIPTION         Date:         AS NOTED         Date:         JUNE 11, 2024         Drawn By:       JUNE 11, 2024         Drawn By:       DFG         Approved By:       DFB         W&S Project No.:       ENG22-0373         W&S File No.:       ENG22-0373         Drawing Title:       ENG2SION AND  |   |        |
| REPRODUCTION, RELEASE OF UTILIZATION OF THE<br>DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.<br>WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:  | THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME |        |
| DRAWING CONTENT BY OTHER CLEMTS / FIRMS AND<br>ON OTHER PROJECTS IS PROHIBITED BY LAW.<br>WESTON & SAMPSON RETAINS THE EXCLUSIVE USE<br>OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:  |   |        |
| OF THE INTELLECTUAL PROPERTY CONTAINED<br>HEREIN.<br>Seal:<br>JANIEL P. BIGGS<br>JANIEL P. | DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND                                      |        |
| Seal:<br>WILL P. BIGGS<br>WILL P. BIGGS   |   |        |
| Issued For:<br>CONSTRUCTION<br>Date: AS NOTED<br>Date: JUNE 11, 2024<br>Drawn By: JWG, EJP<br>Reviewed By: DFG<br>Approved By: DFG<br>Approved By: DFG<br>Approved By: DFG<br>Approved No.: ENG22-0373<br>W&S Frie No.:   | HEREIN.   |        |
| Issued For:<br>CONSTRUCTION<br>Date: AS NOTED<br>Date: JUNE 11, 2024<br>Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DFG<br>Approved By: DFG<br>Approved By: DFB<br>W&S Project No.: ENG22-0373<br>W&S File No.:   | Seal:   |        |
| Issued For:<br>CONSTRUCTION<br>Date: AS NOTED<br>Date: JUNE 11, 2024<br>Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DFG<br>Approved By: DFG<br>Approved By: DFB<br>W&S Project No.: ENG22-0373<br>W&S File No.:   | SOON ERMONTOO   |        |
| Issued For:<br>CONSTRUCTION<br>Documents<br>Scale: AS NOTED<br>Scale: AS NOTED<br>Date: JUNE 11, 2024<br>Drawn By: JUNE 11, 2024<br>Drawn By: DFG<br>Approved By: DFG<br>Approved By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:   | OGA DANIEL P. BIGGS AVE   |        |
| Issued For:<br>CONSTRUCTION<br>DOCUMENTS<br>Scale: AS NOTED<br>Scale: AS NOTED<br>Date: JUNE 11, 2024<br>Drawn By: JUNE 11, 2024<br>Drawn By: DFG<br>Approved By: DFG<br>Approved By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:   | 10000000000000000000000000000000000000  |        |
| Issued For:<br>CONSTRUCTION<br>Documents<br>Scale: AS NOTED<br>Scale: AS NOTED<br>Date: JUNE 11, 2024<br>Drawn By: JUNE 11, 2024<br>Drawn By: DFG<br>Approved By: DFG<br>Approved By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:   | ANDSCAPE NOS  |        |
| CONSTRUCTION<br>DOCUMENTSScale:AS NOTEDScale:AS NOTEDDate:JUNE 11, 2024Drawn By:JWG,EJPReviewed By:DFGApproved By:DFGApproved By:DPBW&S Project No:ENG22-0373W&S File No::Trawing Title:EROSION AND<br>SEDIMENT<br>CONTROL  | <u>2000000000</u>   |        |
| DOCUMENTSScale:AS NOTEDScale:AS NOTEDDate:JUNE 11, 2024Drawn By:JWG,EJPReviewed By:DFGApproved By:DFGApproved By:DPBW&S Project No.:ENG22-0373W&S File No.:Drawing Title:EROSION AND<br>SEDIMENT<br>CONTROL   | Issued For:   |        |
| Scale:AS NOTEDScale:AS NOTEDDate:JUNE 11, 2024Drawn By:JWG,EJPReviewed By:DFGApproved By:DPBW&S Project No.:ENG22-0373W&S File No.:ENG22-0373Drawing Title:EROSION AND<br>SEDIMENT<br>CONTROL   |   | ļ      |
| Date:JUNE 11, 2024Drawn By:JWG,EJPReviewed By:DFGApproved By:DPBW&S Project No.:ENG22-0373W&S File No.:Trawing Title:EROSION AND<br>SEDIMENT<br>CONTROL   | DOCUMENTS   | ĺ      |
| Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>BROSION AND<br>SEDIMENT  | Scale: AS NOTED   | ļ      |
| Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>BROSION AND<br>SEDIMENT  |   |        |
| Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>BROSION AND<br>SEDIMENT  |   |        |
| Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>BROSION AND<br>SEDIMENT  |   |        |
| Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>BROSION AND<br>SEDIMENT  |   |        |
| Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>BROSION AND<br>SEDIMENT  |   |        |
| Drawn By: JWG,EJP<br>Reviewed By: DFG<br>Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>BROSION AND<br>SEDIMENT  |   |        |
| Reviewed By:DFGApproved By:DPBW&S Project No.:ENG22-0373W&S File No.:Drawing Title:EROSION AND<br>SEDIMENT<br>CONTROL   |   |        |
| Approved By: DPB<br>W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>EROSION AND<br>SEDIMENT<br>CONTROL  |   |        |
| W&S Project No.: ENG22-0373<br>W&S File No.:<br>Drawing Title:<br>EROSION AND<br>SEDIMENT<br>CONTROL  |   |        |
| W&S File No.:<br>Drawing Title:<br>EROSION AND<br>SEDIMENT<br>CONTROL   |   |        |
| EROSION AND<br>SEDIMENT<br>CONTROL  |   |        |
| EROSION AND<br>SEDIMENT<br>CONTROL  | Drawing Title:  | 1<br>] |
| SEDIMENT<br>CONTROL   |   |        |
| CONTROL   |   |        |
|   |   |        |
|   |   | 1      |
|   | ••••••=   |        |
| ener runber   | CONTROL<br>DETAILS  |        |



ngton, vtleng22-0373 - hoot toot whistle trail/CAD/PAS/C500 TRAIL SECTIC



|                                    | BACKWALL |  |  |  |           |  |  |  |
|------------------------------------|----------|--|--|--|-----------|--|--|--|
| PE SPECIES SIZE WIDTH DEPTH TREATM |          |  |  |  | TREATMENT |  |  |  |
|                                    |          |  |  |  |           |  |  |  |
|                                    |          |  |  |  |           |  |  |  |
|                                    |          |  |  |  |           |  |  |  |
|                                    |          |  |  |  |           |  |  |  |
|                                    |          |  |  |  |           |  |  |  |
|                                    |          |  |  |  |           |  |  |  |

| ACHES      |                   |                           | HARDWARE |          |
|------------|-------------------|---------------------------|----------|----------|
| RIAL<br>PE | MATERIAL<br>DEPTH | GEO–<br>SYNTHETIC<br>TYPE | COATING  | COMMENTS |
|            |                   |                           |          |          |
|            |                   |                           |          |          |
|            |                   |                           |          |          |
|            |                   |                           |          |          |
|            |                   |                           |          |          |
|            |                   |                           |          |          |
|            |                   |                           |          |          |

### GENERAL NOTES:

**SPECIFICATIONS:** MATERIALS AND CONSTRUCTION OF THIS STRUCTURE SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS (FP-03) AND STANDARD SPECIFICATIONS FOR CONSTRUCTION OF TRAILS AND TRAIL BRIDGES ON FEDERAL PROJECTS,

LOG MEMBERS: LOGS USED FOR STRINGERS SHALL BE DOUGLAS FIR OR WESTERN LARCH WITH MINIMUM, PEELED, MID-SPAN LOG DIAMETER AS NOTED FOR THE VARIOUS SPANS AND DESIGN LOADING. NATIVE TREES TO BE USED FOR BRIDGE STRINGERS SHALL BE STRAIGHT, SOUND, AND FREE OF DEFECTS AND ROT. STRINGERS SHALL BE CHOSEN FROM TREES WITH RELATIVELY FEW LIMBS, AND HAVE NO KNOT GREATER THAN 3-INCH IN DIAMETER. LOGS SHALL BE DAPPED AT ENDS TO CREATE A LEVEL BEARING SURFACE AT SUPPORTS TAKING CARE TO AVOID OVER CUTTING. HEWN UPPER SURFACE OF LOGS TO PROVIDE A LEVEL TREAD SURFACE REFER TO PLANS FOR HEWN DETAILS.

TIMBER & LUMBER: SOLID SAWN TIMBER MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF THE GRADING RULES AGENCY FOR THE SPECIES, TYPE, AND GRADE SPECIFIED BELOW.

### DECK PLANKS, SILLS, AND BACKING PLANKS

– SOUTHERN PINE NO.2 GRADE, GRADING RULES AGENCY – SPIB RUNNING PLANKS

- SOUTHERN PINE NO.2 GRADING RULES AGENCY SPIB
- RAILS & POSTS (SEE PROJECT CRITERIA)
- SAWN UNTRÈATED
  - BALDCYPRESS, S4S, NO.1 GRADE GRADING RULES AGENCY SPIB
- WHITE OAK, SAS, SELECT STRUCTURAL GRADE GRADING RULES AGENCY NELMA SAWN – TREATED
- SOUTHERN PINE, S4S, NO. 2 GRADE GRADING RULES AGENCY SPIB POLES
  - SOUTHERN PINE, PEELED AND DRIED. GRADING RULES AGENCY SPIB

**TREATMENT:** SEE PROJECT CRITERIA FOR MEMBERS IDENTIFIED TO BE TREATED AND FOR TREATMENT TYPE. PRESERVATIVE TREATMENT SHALL BE IN ACCORDANCE WITH THE CURRENT AMERICAN WOOD PROTECTION ASSOCIATION (AWPA) SPECIFICATIONS USING THE TREATMENT MATERIALS LISTED BELOW. TREATMENT WILL COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF WESTERN WOOD PRESERVERS INSTITUTE (WWPI) "BEST MANAGEMENT PRACTICES FOR THE USE OF TREATED WOOD IN AQUATIC ENVIRONMENTS".

### STRINGERS, DECKING, RUNNING PLANKS, & RAILING SYSTEM, IF TREATED

- AWPA USE CATEGORY SYSTEM (U1) FOR USE CATEGORY 3B ABOVE GROUND-EXPOSED (UC3B)
- PENTACHLOROPHENOL IN LIGHT OIL (TYPE C SOLVENT)
- COPPER NAPHTHENATE (CuN) IN LIGHT OIL (TYPE C SOLVENT)
- SILLS, BACKING PLANKS, CRIBS, & TIMBER WALLS, IF TREATED
- AWPA USE CATEGORY SYSTEM (U1) FOR USE CATEGORY 4B GROUND CONTACT-HEAVY DUTY (UC4B)
- PENTACHLOROPHENOL IN HEAVY OIL (TYPE A SOLVENT)
- COPPER NAPHTHENATE (CuN) IN HEAVY OIL (TYPE A SOLVENT)

**FIELD TREATMENT:** COPPER NAPHTHENATE (2% SOLUTION) SHALL BE FURNISHED FOR FIELD TREATING OF WOOD. ALL ABRASIONS AND FIELD CUTS – APPROVED BY THE C.O.R. – SHALL BE CAREFULLY TRIMMED AND GIVEN THREE BRUSH COATS OF THE FIELD TREATMENT SOLUTION. WHERE APPROVED, FIELD DRILLING OF BOLT, SCREW OR NAIL HOLES IS REQUIRED. THE HOLES SHALL BE FILLED WITH PRESERVATIVE PRIOR TO INSERTING THE FASTENERS.

THE ENDS OF UNTREATED LOG STRINGERS (REFER TO THE PROJECT DESIGN CRITERIA), SHALL ALSO RECEIVE THREE BRUSH COATS OF THE FIELD TREATMENT PRIOR TO INSTALLATION OF THE BACKING PLANKS.

HARDWARE AND STRUCTURAL STEEL: SEE PROJECT DESIGN CRITERIA FOR STEEL HARDWARE FINISH. GALVANIZED OR UNFINISHED HARDWARE SHALL MEET THE REQUIREMENTS OF AASHTO M270, GRADE 36, WITH NUTS AND BOLTS CONFORMING TO ASTM A307, GRADE A. WEATHERING STEEL AND HARDWARE SHALL MEET THE REQUIREMENTS OF AASHTO M270, GRADE 50W, WITH BOLTS AND NUTS CONFORMING TO ASTM A325, TYPE 3. USE MALLEABLE IRON WASHERS AGAINST WOOD UNLESS OTHERWISE NOTED.

WHEN STRUCTURAL STEEL IS TO BE WELDED, THE WELDING PROCEDURE SHALL BE IN ACCORDANCE WITH AWS D1.1 AND SHALL BE SUITABLE FOR THE GRADE OF STEEL AND INTENDED USE OR SERVICE.

**FABRICATION:** SUBMIT SHOP DRAWINGS FOR ALL MANUFACTURED BRIDGE COMPONENTS (EXCEPT TIMBER RUNNING PLANKS). SHOW ALL DIMENSIONS AND FABRICATION DETAILS FOR ALL CUT OR BORED TIMBER. FIELD DRILLING OF HOLES SHALL NOT BE ALLOWED UNLESS OTHERWISE NOTED ON THE PLANS.

TREES TO BE USED FOR STRINGERS SHALL BE PEELED AND THEN HAVE AN ADDITIONAL 1/2-INCH OF THE OUTER SAPWOOD REMOVED PRIOR TO BEING USED FOR STRINGERS.

FOREST SERVICE

FOREST SERVICE STANDARD TRAIL PLAN

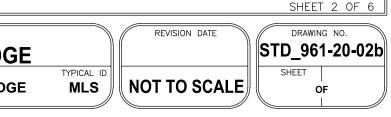
U.S. DEPARTMENT OF AGRICULTURE

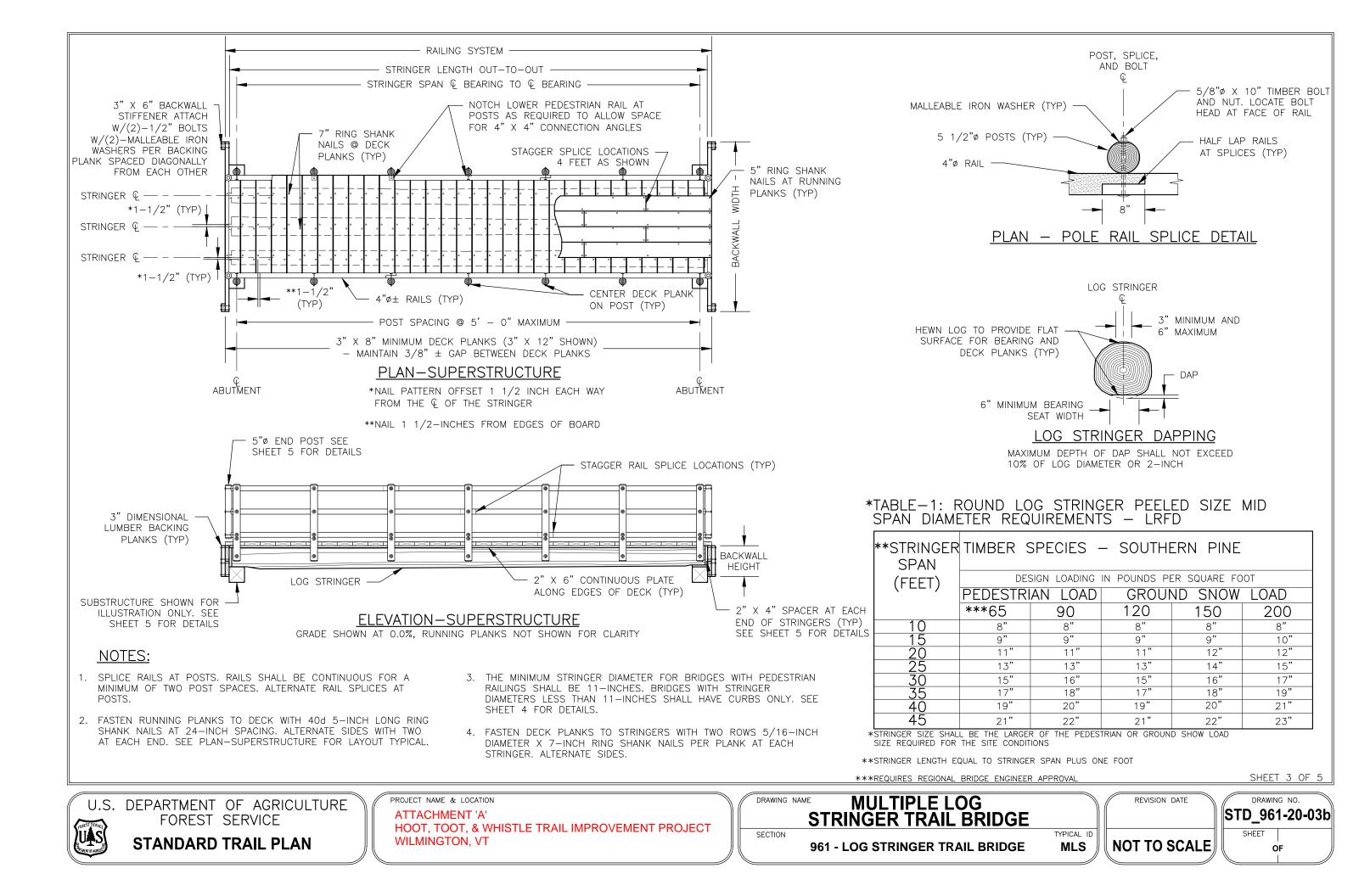
PROJECT NAME & LOCATION

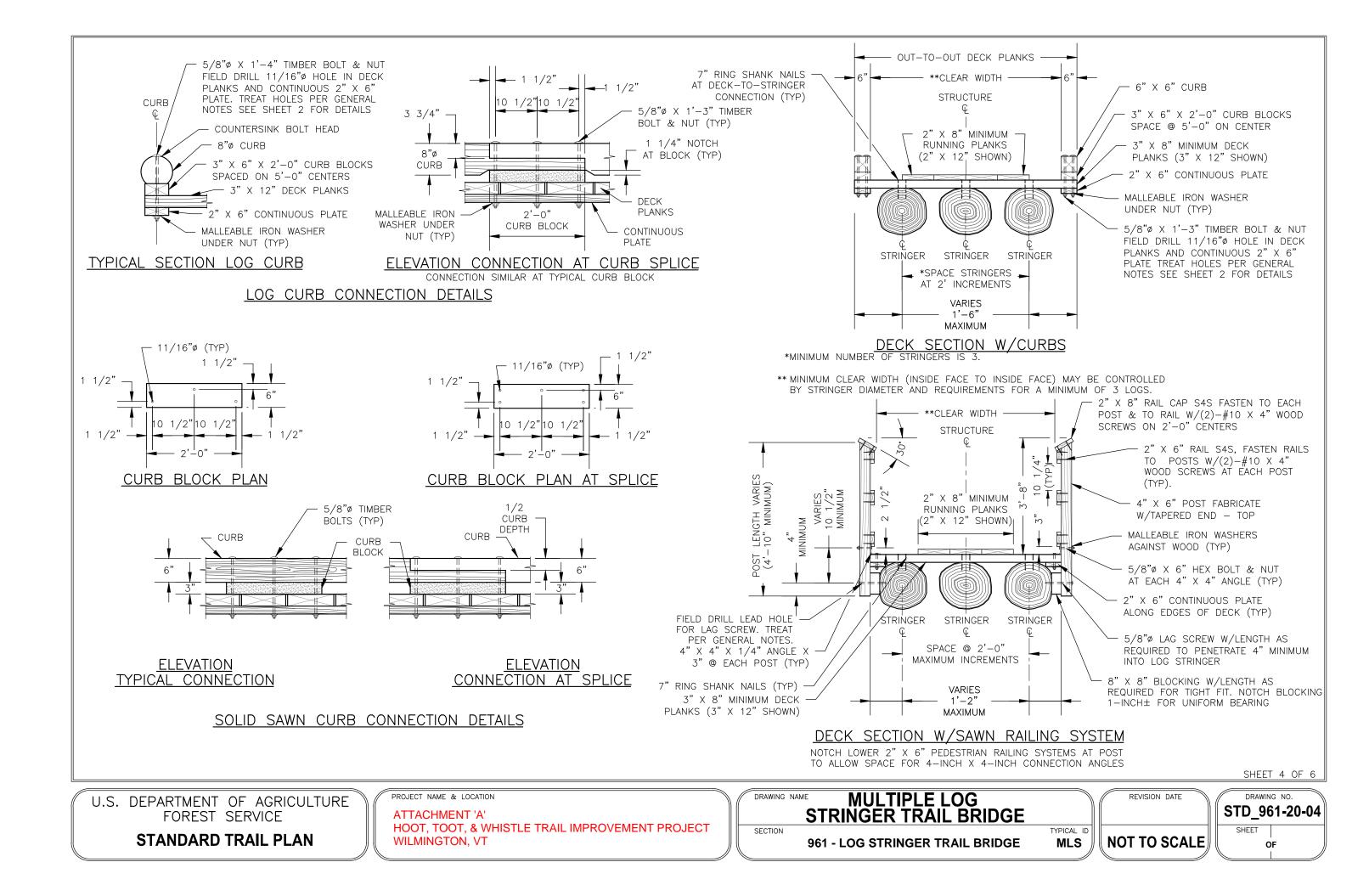
ATTACHMENT 'A' HOOT, TOOT, & WHISTLE TRAIL IMPROVEMENT PROJECT WILMINGTON, VT DRAWING NAME MULTIPLE LOG STRINGER TRAIL BRIDGE

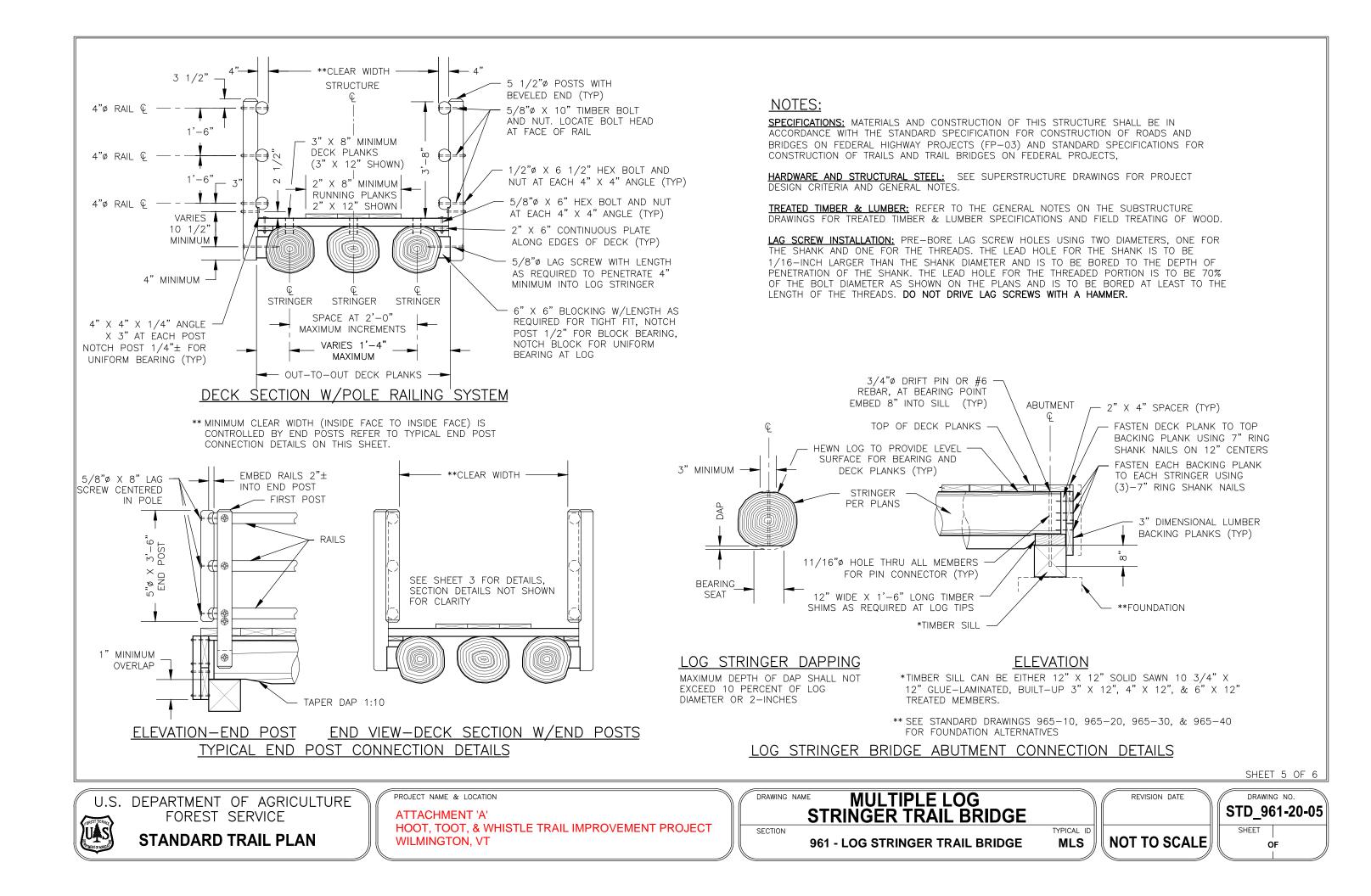
SECTION

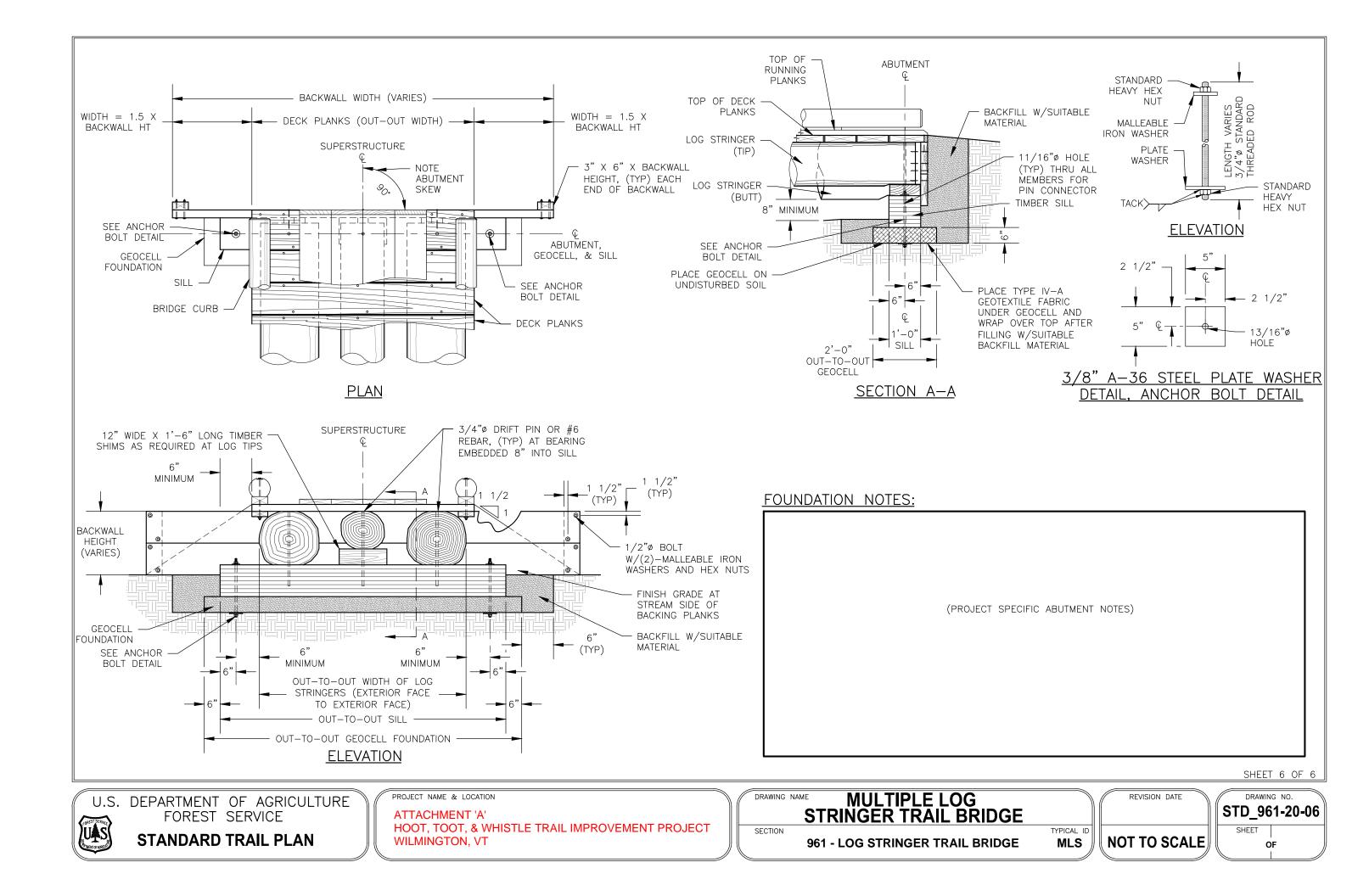
961 - LOG STRINGER TRAIL BRIDGE

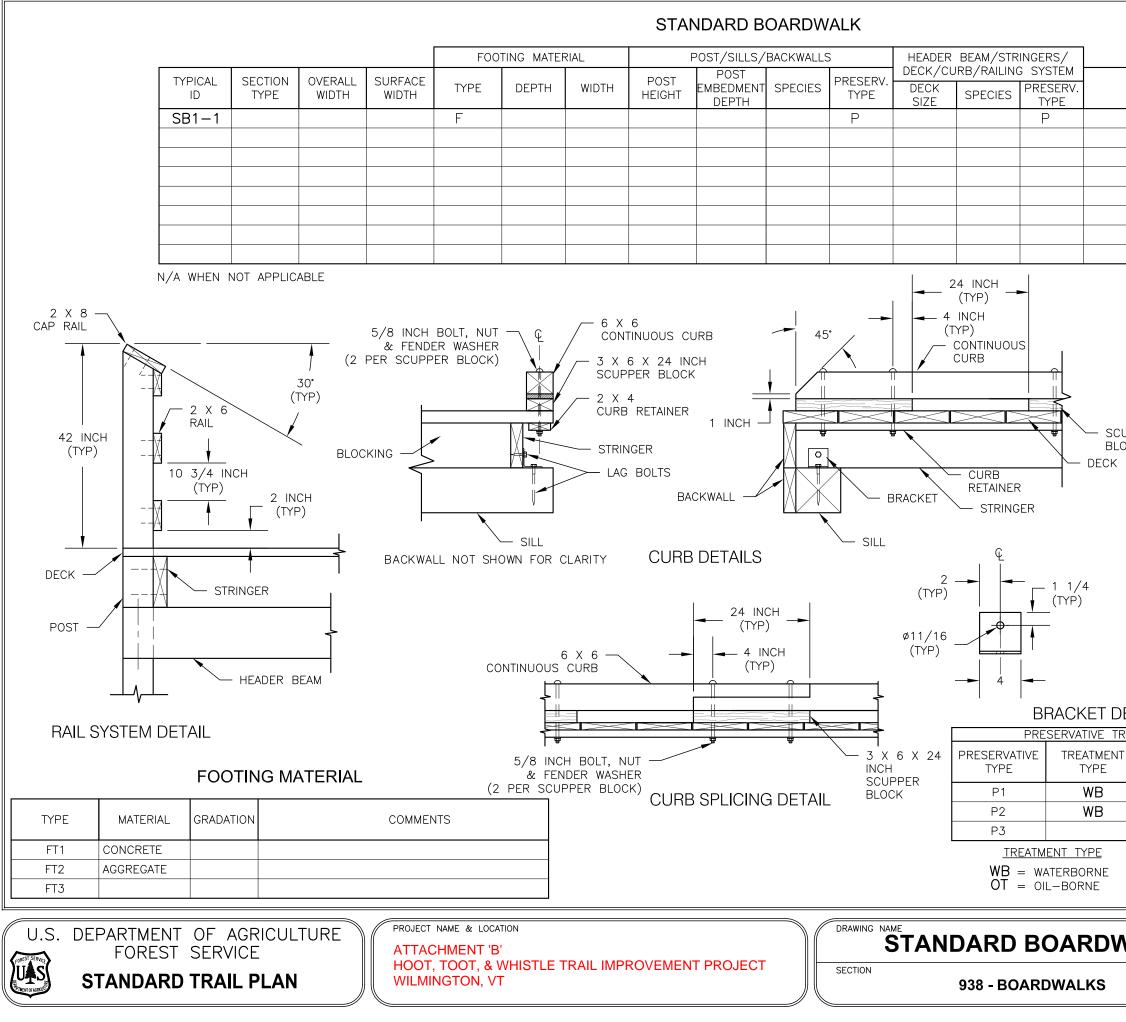












|          |          | COMMEN                | ITS           |                                      |          |                                |                    |
|----------|----------|-----------------------|---------------|--------------------------------------|----------|--------------------------------|--------------------|
|          |          |                       |               |                                      |          |                                |                    |
|          |          |                       |               |                                      |          |                                |                    |
|          |          |                       |               |                                      |          |                                |                    |
|          |          |                       |               |                                      |          |                                |                    |
|          |          |                       |               |                                      |          |                                |                    |
|          | NO       | TES:                  |               |                                      |          |                                |                    |
|          | 1.       | DESIGN                | LOAD: 10      | 0 PSF PEDE                           | STRIAN   | LOAD.                          |                    |
|          | 2.       | SOUTHER               |               | PE SHALL BI<br>NO. 2 OR B<br>        |          |                                |                    |
|          | 3.       | ALL FAS               | TENERS S      | HALL BE GA                           | ALVANIZE | D.                             |                    |
|          | PER      | FASTENE<br>DEC        | RS:<br>CKING: |                                      | REWS 2   | PER DE                         | NAILS OR<br>CK     |
| ЭСК      | ί.       | RAI                   | LING:         |                                      | 2 PER    | H LONG<br>RAIL POS             |                    |
|          |          |                       | RINGERS &     | & 40d 5 II<br>NAILS.                 | VCH LON  | NG RING                        | SHANK              |
|          | 5.       |                       |               | 7/8 BOLTS<br>I ALLOWABLE             |          |                                |                    |
| _        |          |                       |               |                                      |          |                                |                    |
|          | 4        | <br>                  |               |                                      |          |                                |                    |
| _        | <u>Ľ</u> |                       |               |                                      |          |                                |                    |
|          |          | 4                     | —             |                                      |          |                                |                    |
|          | AIL      |                       |               |                                      |          |                                |                    |
| REA<br>r | TMENT    | <u>– (REFE</u><br>JSE | r to awi      | PA USE CAT                           | EGORY S  | SYSTEM)                        |                    |
|          |          | EGORY                 |               | CC                                   | OMMENTS  | 5                              |                    |
|          |          | C4A                   |               |                                      |          |                                |                    |
|          | U        | C3B                   |               |                                      |          |                                |                    |
|          |          |                       | L             | USE CATEG                            | ORY      | S                              | HEET 1 OF 3        |
|          |          |                       | = GROU        | E GROUND<br>JND CONTAC<br>JND CONTAC | T — G    | XPOSED<br>ENERAL U<br>EAVY DUT |                    |
| VA       | ٩LK      |                       |               | REVISION DATE                        | x        |                                | NG NO.<br>38-10-01 |
|          |          | TYPICAL ID<br>SB1     |               | O SCAL                               | E        | SHEET                          | DF                 |
|          |          |                       |               |                                      |          |                                |                    |

