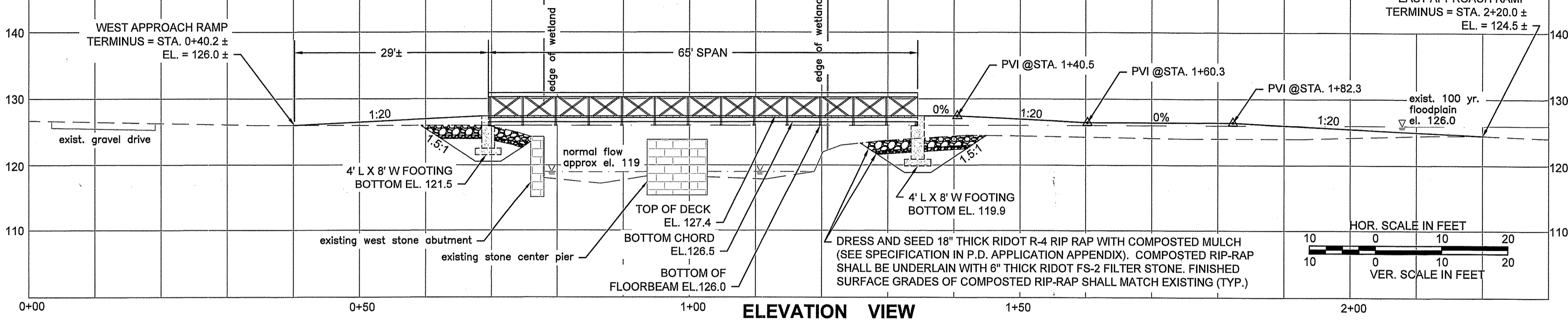
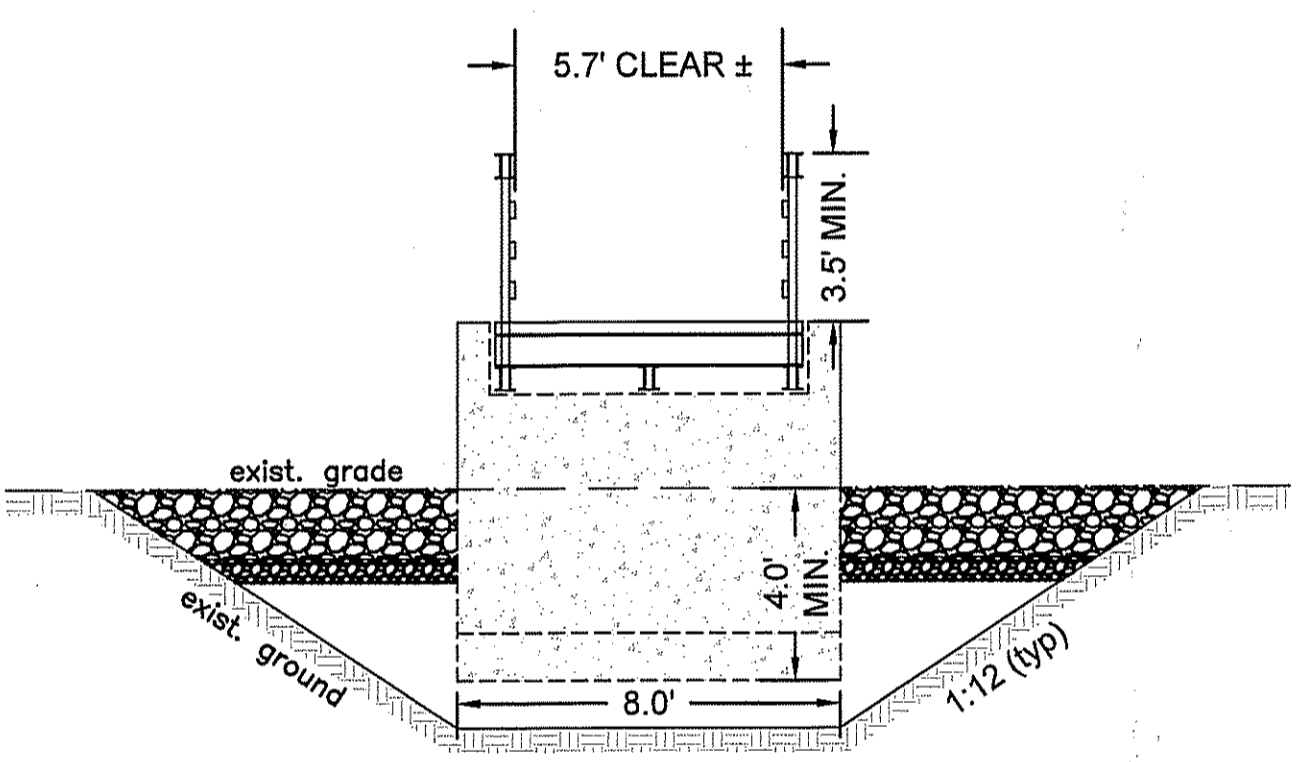
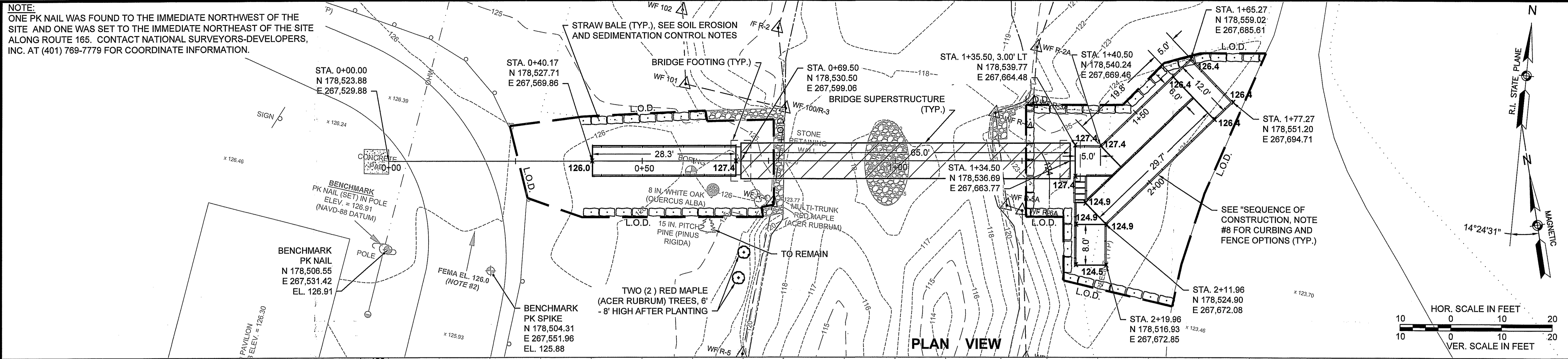


NOTE:
 ONE PK NAIL WAS FOUND TO THE IMMEDIATE NORTHWEST OF THE SITE AND ONE WAS SET TO THE IMMEDIATE NORTHEAST OF THE SITE ALONG ROUTE 165. CONTACT NATIONAL SURVEYORS-DEVELOPERS, INC. AT (401) 769-7779 FOR COORDINATE INFORMATION.



CROSS SECTION OF BRIDGE AT ABUTMENT
 HOR. SCALE IN FEET
 VER. SCALE IN FEET

ELEVATION VIEW
 HOR. SCALE IN FEET
 VER. SCALE IN FEET

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

THE LIMIT OF DISTURBANCE SHOWN ON THIS PLAN SHALL BE STRICTLY ADHERED TO WITHIN OR ADJACENT TO REGULATED FRESHWATER WETLAND AREAS.

THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.

ALL DISTURBED GROUND SHALL BE SEEDED, PROTECTED AND MAINTAINED. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND OF VEGETATION IS MAINTAINED.

ALL STRAW BALES, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.

STOCKPILES OF SOIL SHALL NOT BE LOCATED NEAR WATERWAYS OR WETLAND EDGES. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED TO PREVENT LOSS OF MATERIAL DURING RAINFALL EVENTS.

THE STRAW BALES SHALL BE CHECKED ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION AND SHALL BE REPAIRED OR REPLACED AS NEEDED. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE BALES BECOMES FILLED WITH SEDIMENTS.

IT SHALL BE THE RESPONSIBILITY OF THE BUILDERS TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. TEMPORARY SOIL EROSION AND SEDIMENTATION

CONTROLS (STRAW BALES, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE BUILDERS SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.

ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", ISSUED 1989, REVISED 2014. INSTALLATION DETAILS AND INSTRUCTIONS FOR THE STRAW BALES DENOTED ON THIS PLAN CAN BE FOUND IN THE ABOVE REFERENCED PUBLICATION, "SECTION 6, SEDIMENT CONTROL, STRAW BALE."

BMP MAINTENANCE SCHEDULE:

ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE BUILDERS AND SHALL INCLUDE:

INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES (FOR STRUCTURAL INTEGRITY/STABILITY AND EVIDENCE OF SOIL EROSION PROCESSES, AND MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF 1/2 INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BI-MONTHLY IF NO RAINFALL EVENT OCCURS.

REPLANTING, REGRADING, OR OTHER REPAIRS NEEDED AS A RESULT OF SOIL EROSION AND SEDIMENTATION PROCESSES SHALL BE DONE PROMPTLY.

ESTABLISHMENT OF VEGETATIVE COVER:

ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH THE R.I. STANDARD SPECIFICATION FOR ROAD AND BRIDGE

CONSTRUCTION, SECTION 202.

SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.

THE PLANTABLE SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM TO RHODE ISLAND STANDARD SPECIFICATION M.20.

THE SEED MIX TO BE USED ON SLOPE APPROACHING WETLAND SHALL BE THE NEW ENGLAND CONSERVATION/WILDLIFE MIX FROM NEW ENGLAND WETLAND PLANTS, INC. OR APPROVED EQUAL APPLIED AT A RATE OF 25 LBS. PER ACRE AND MULCHED WITH STRAW.

EARLY SPRING OR LATE SUMMER SEEDING IS RECOMMENDED. LIME AND FERTILIZER AS REQUIRED BY SOIL TESTING TO COMPLIMENT OR UPGRADE EXISTING CONDITIONS.

SEQUENCE OF CONSTRUCTION:

- INSTALL ALL BMP'S AS SHOWN ON THIS PLAN PRIOR TO ANY EXCAVATION TAKING PLACE.
- REMOVE TREES AND STUMPS AS SHOWN ON THIS PLAN, AND TRIM ANY VEGETATION NECESSARY WITHIN THE LIMITS OF DISTURBANCE SHOWN.
- EXCAVATE BOTH THE EAST AND WEST FOOTINGS. PREPARE AND COMPACT BEDDING AS DIRECTED BY THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND FORM AND PLACE THE FOOTINGS AND ABUTMENTS PER THE FOUNDATION PLANS (UNDER A SEPARATE COVER).
- STRIP FORMS AND ANY OTHER FOUNDATION FALSEWORK, BACKFILL FOOTINGS AND ABUTMENTS TO BOTTOM OF FILTER STONE ELEVATION.
- PLACE FILTER STONE, RIP-RAP, GEOTEXTILE, AND PLANTABLE SOIL AS SHOWN ON

THIS PLAN. SEED AND ESTABLISH VEGETATION IMMEDIATELY IN ANY EXCAVATED AREAS.

- ERECT THE BRIDGE SUPERSTRUCTURE PER THE BRIDGE ERECTION PLANS (UNDER A SEPARATE COVER)
- PLACE THE BRIDGE SUPERSTRUCTURE ON THE ALREADY IN PLACE BRIDGE ABUTMENTS PER THE ERECTION PROCEDURE (UNDER A SEPARATE COVER).
- PLACE THE APPROACH RAMP AS SHOWN ON THIS PLAN UTILIZING EARTH WITH TIMBER, STONE, OR MODULAR BLOCK RETAINING CURBS, OR AS AN ALTERNATE, PRESSURE TREATED TIMBER BOARDWALKS MAY BE UTILIZED PROVIDED THAT THEIR FOUNDATIONS ARE PLACED BELOW FROST DEPTH (4'-0" IN EXTER, RI).
- PLACE SAFETY/GUIDANCE FENCE IN LOCATIONS SHOWN ON THIS PLAN TO ENSURE THAT HIKERS/PEDESTRIANS DO NOT WALK OFF THE EDGE OF THE PATH NEAR THE BRIDGE ENDS.
- ONCE VEGETATION HAS FULLY RE-ESTABLISHED, REMOVE ALL TEMPORARY STORMWATER AND EROSION BMP'S.

SITE PLAN NOTES:

A FULL GEOTECHNICAL ENGINEERING REPORT WAS COMPLETED FOR THIS PROJECT BY PAUL B. ALDINGER & ASSOCIATES WAS COMPLETED FOR THIS PROJECT IN AUGUST, 2014 AND SERVES AS THE BASIS FOR THE FOOTING DIMENSIONS AND DEPTHS AS SHOWN ON THIS PLAN.

DETAILED STRUCTURAL ENGINEERING DESIGN FOR PROPOSED BRIDGE AND FOOTINGS WILL BE COVERED UNDER SEPARATE SUBMISSION, TO GOVERNING AGENCIES, AS THE DETAILED ENGINEERING PLANS FOR THE BRIDGE SUPERSTRUCTURE AND ASSOCIATED FOOTINGS HAVE NOT BEEN COMPLETED AT THE TIME OF THIS SUBMISSION.

WILLIAM G. YOUNG
 No. 17867
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)
 9-29-2014

DATE	DESCRIPTION	REV #

2350 POST ROAD
 SUITE 100
 WARWICK, RI
 02886

WOOD RIVER PEDESTRIAN BRIDGE
 RIDEM PRELIMINARY DETERMINATION APPLICATION

ROUTE 165, EXETER, RHODE ISLAND
 APPALACHIAN MOUNTAIN CLUB, NARRAGANSETT CHAPTER

Scale: **AS NOTED**
 Drawn by: **WGY**
 Check By: **MJW**
 Date: **9/29/2014**
 Rev No: **0**

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM

NO CHANGES TO THE LETTER OF APPROVAL
 DATED OCT 30 2014. PERMIT # 14-0198
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

SHEET 01

PLAN, PROFILE, AND CROSS SECTION
 PEDESTRIAN CROSSING