ELEVATION 1: INSTALLATION DETAILS

STEP 1: BAR THROUGH PYRAMIDAL THREAD CONNECTOR TO ENGAGE END "B" OF UPRIGHT

STEP 2: HORIZONTAL BAR INSERT END "A" OF HORIZONTAL FOLD PYRAMAT UPRIGHT AND USE "T" FOLD LINE

FOLD LINE

HORIZONTAL BAR

DETAIL 1: PYRAWALL FOUNDATION

DETAIL 2: PYRAWALL INSTALLATION DETAILS

DETAIL 3: TYPICAL LIFT

DETAIL 4: INDIVIDUAL FIBER-COMPOSITE T-CONNECTOR

DETAIL 5: INTERNAL BRACE

DETAIL 6: PYRAWALL OVERLAP

BACKFILL SOIL PER FOUNDATION SOIL PER STREAM FLOW DIRECTION (IF APPLICABLE)

6" MINIMUM INSTALLATION DIRECTION

DIAGONAL BAR

UPRIGHT BAR

END "B"

END "A"

HORIZONTAL BAR

FIBER-COMPOSITE T-SLOT BRACING BAR

FIBER-COMPOSITE T-CONNECTOR

TRIM LINE

SHEAR LINE

MINIMUM 6" TOPSOIL, PER FOUNDATION SOIL PER STREAM FLOW DIRECTION (IF APPLICABLE)

ENGINEER OF RECORD

PYRAWALL® INSTALLATION DETAILS

GENERAL NOTES

1. PYRAWALL® is a proprietary earth wall and debris protection system that provides permanent erosion protection from initial construction. The expected design life of PYRAWALL® is 75 years. The system is constructed from high-quality polypropylene (HPTRM) material, which is resistant to environmental conditions and biodegradable. The system is designed to meet the requirements of the American Association of State Highway and Transportation Officials (AASHTO) M437 standard for soil erosion control.

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CONSTRUCTION NOTES

2. Foundation: Material is composed of 75% Topsoil, 25% Lime and 25% Fines, which is used to create a stable foundation. The foundation is compacted to meet the required specifications.

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VEGETATION ESTABLISHMENT

A. Apply annual and winter crop seed directly behind the PYRAWALL® base. Select and apply seed treatments and fertilizer as needed. A site-specific seed blend should be performed to help determine and seed treatments, such as lime and fertilizer, need to be incorporated into the soil to promote healthy vegetation.

B. If annual, additional seeding can be enhanced and root systems begin to develop the required (PYRAWALL®) for establishment and maintenance. Pre-established vegetation is not required, but may be included at the discretion of the designer. The vegetation should be maintained to avoid erosion, wind damage, and water run-off.

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BEFORE INSTALLATION REMINDERS

2. Consult with a Keystone Representative. A pre-construction meeting is suggested with the construction team and a representative from Propex. This meeting should be scheduled at least two weeks prior to the start of installation.

3. Confirm the availability of all materials and equipment, as well as the appropriate installation crew.

4. Ensure that the site is ready for installation. The site should be cleared of debris, vegetation, and any other hazards that may compromise the installation process.

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OTHER

1. This design is provided as an example of how the system can be used. It is not intended to be a complete specification and should not be used as the sole basis for the design or construction of the system. The designer or constructor should contact Propex for guidance on the appropriate design and construction methods.

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