

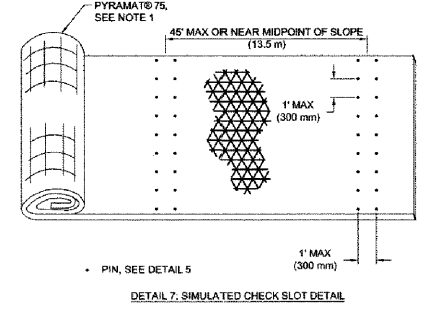
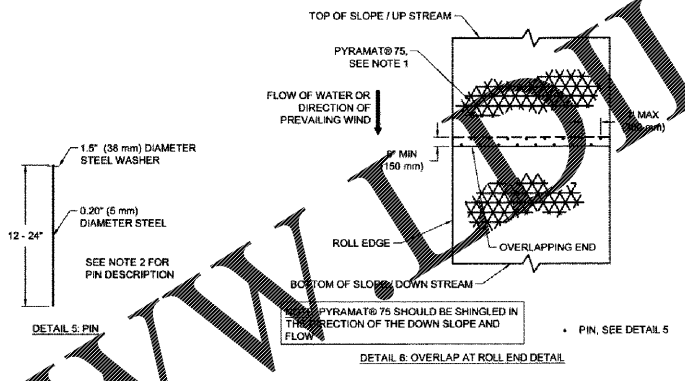
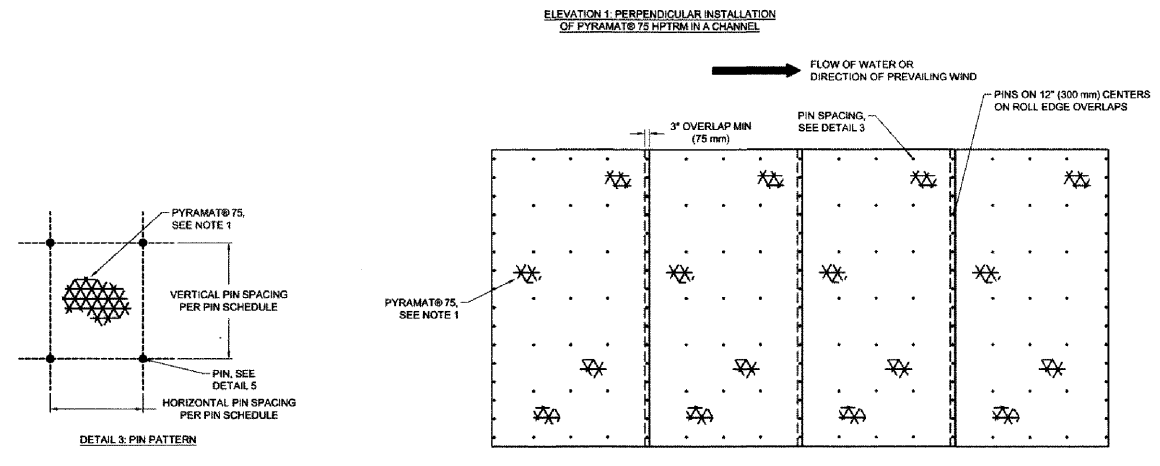
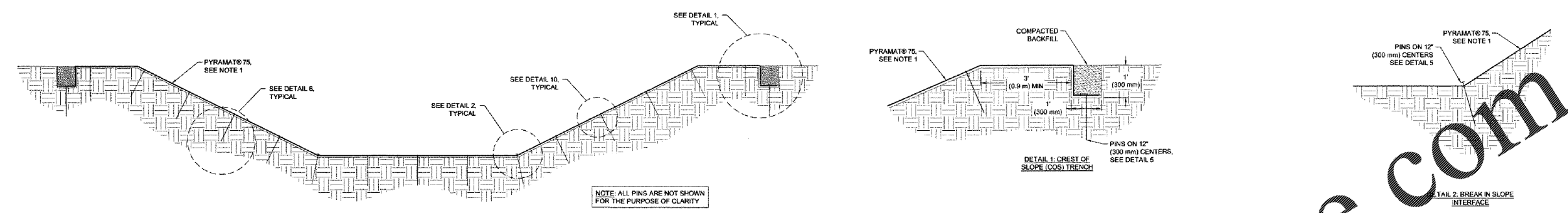
PROFESSIONAL ENGINEER
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 2300 Barshire Lane N., Suite 200
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 Project #: 190066

PROJECT:
O'REILLY AUTO PARTS REMODEL
 628 GARDNER BLVD
 HOLLY HILL, SC 29059

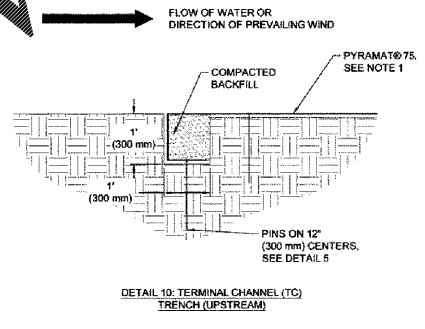
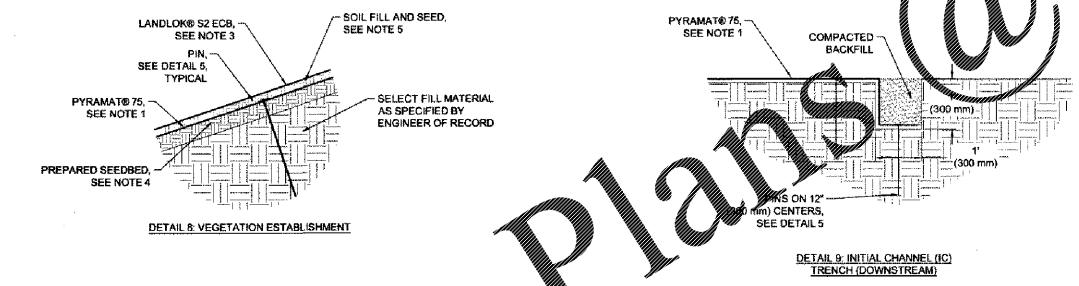
O'Reilly AUTO PARTS
 CORPORATE OFFICES
 288 SOUTH PATTERSON
 SPRINGFIELD, MISSOURI 65802
 (417) 868-2074 TELEPHONE

DESIGNED BY: BTR/TSH
 CHECKED BY: ARL
 DATE: 03/29/2019
 REVISION:
 PROJECT NUMBER: 190035-HHL
 SHEET NUMBER: C4.2

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PIN SCHEDULE	
SECURING DEVICE	PIN
HORIZONTAL PIN SPACING	2' (0.60 m)
VERTICAL PIN SPACING	2.5' (0.75 m)
EMBEDMENT DEPTH	PER MANUFACTURER'S DESIGN



PYRAMAT® 75 HPTRM IN A CHANNEL FOR EROSION CONTROL GENERAL INSTALLATION GUIDELINES

GENERAL NOTES

- PYRAMAT® 75 HPTRM is a three-dimensional, lofty, woven polypropylene geotextile that is available in green or tan which is specially designed for erosion control applications on steep slopes and vegetated waterways. The matrix is composed of polypropylene monofilament yarns featuring X30 technology woven into a uniform configuration of resilient pyrami-like projections. The material exhibits very high interlock and reinforcement capacity with both soil and root systems, demonstrates superior UV resistance, and enhances seeding emergence.
- The 12", 15", and 24" Securing Pins are composed of a wire, mushroomed at the top. A washer is then placed on the wire and the wire is crimped or swaged about 3-1/2" below the top so the washer will not slide off. The end of the wire is cut at a 45 degree angle for easy penetration of the soil. These Pins with washers conform to industry standards for erosion control pins with washers.
- LANDLOK® S2 Erosion Control Blankets consist of 100% wheat straw mechanically bound and covered on both sides by netting. The straw is homogeneously blended and evenly distributed throughout the blanket. The netting is photodegradable polypropylene with mesh openings of approximately 3/8 in. by 3/8 in. (11 mm by 11 mm). The blanket is sewn on approximately 2 in. (51 mm) centers with photodegradable polypropylene thread. This product is NTPEP approved for AASHTO standards.

VEGETATION ESTABLISHMENT

- Prepare seedbed by loosening 50 to 75 mm (2 to 3 in.) of soil above final grade. Apply seed in an amount equivalent to 60% of the total mixture required to be installed on the soil surface, to scarified surface prior to installation of the PYRAMAT® 75 HPTRM. Select and apply soil amendments and fertilizer, to scarified surface prior to installation of the PYRAMAT® 75 HPTRM. A site specific soil test should be performed to help determine what soil amendments, such as lime and fertilizer, need to be incorporated into the soil to promote healthy vegetation.
- The installed PYRAMAT® 75 HPTRM shall be soil filled and seeded with the remaining 40% of the seed mixture. Do not place excessive soil above material. Once soil fit and additional seed is in place, surficial protection should be accomplished by installing LANDLOK® S2 Erosion Control Blanket (ECB) atop the seed layer. LANDLOK® S2 ECB is to be secured using 6" U-shaped staples with a frequency of 2.0 staples per square meter (1.7 staples per square yard).
- Irrigate as necessary to establish and maintain vegetation until 75% of vegetation has established and has reached a height of 2 inches. Frequent, light irrigation will need to be applied to seeded areas if natural rain events have not occurred within two weeks of seeding.

BEFORE INSTALLATION BEGINS

- Coordinate with a Propex Representative: A pre-construction meeting is suggested with the construction team and a representative from Propex. This meeting should be scheduled by the contractor with at least a two week notice.
- Gather the Tools Needed: Tools that you will need to install PYRAMAT® 75 HPTRM include a pair of industrial shears to cut PYRAMAT® 75 HPTRM and tape measure.
- Determine how to Establish Vegetation: The method of vegetation establishment should be determined prior to the start of installation. Different vegetation establishment methods require different orders of installation. Refer to Establish Vegetation for further guidance.
- Please consult the Propex Website for the most up to date installation guidelines.

Propex GEOSOLUTIONS

EROSION CONTROL INSTALLATION DETAILS

PLEASE NOTE: THE INFORMATION PRESENTED HEREIN IS GENERAL INFORMATION ONLY. IT IS FOR CONCEPTUAL USE ONLY AND NOT INTENDED TO BE USED FOR CONSTRUCTION. WHILE EVERY EFFORT IS MADE TO ENSURE ITS ACCURACY, THIS INFORMATION SHOULD NOT BE USED FOR A SPECIFIC APPLICATION WITHOUT INDEPENDENT PROFESSIONAL VERIFICATION AND VALIDATION OF ITS SUITABILITY, APPLICABILITY, AND ACCURACY. THIS ENGINEERING DRAWING IS PROTECTED BY THE COPYRIGHT ACT, 17 U.S.C. §101 et seq. and may not be used, copied, or reproduced without the express written permission of Propex in connection with Propex products. Any copying, distributing, and/or creation of a derivative work without the permission of Propex is prohibited and is subject of actual damages, statutory damages and attorney's fees under the Copyright Act.

PYRAMAT® HIGH PERFORMANCE TURF REINFORCEMENT MAT (HPTRM)
 PYRAMAT® 75 INSTALLATION DETAILS FOR CHANNELS

Date: 02/15/2017
 Drawn By: J. HILL
 Scale: NTS
 *ALL DIMENSIONS ARE TO BE VERIFIED BY ENGINEER OF RECORD