A pre-construction comference shall be held on-site with the contractor, design Engineeripermit applicant and Environmental Inspector after installation of the erosion/sed mentation controls and tree/natural area protection measures and prior to beginning any site preparation work. The controls and previous from the meating atter.

Any major variation in materials or locations of controls or fences from those shown on the approved plans will require a revision and must be approved by the remaining Engineer, Environmental Development Review Department, (SI 2)574-2276, at least three days prior to the meating date.

Any major variation in materials or locations of controls or fences from those shown on the approved plans will require a revision and must be approved by the Environmental Engineer, Environmental Development Review Department, Minor changes to be made as field revisions to the Environmental Development Control Plan may be required by the Environmental Inspector during the course of construction to control on the controls and fences shall immediately make any necessary repairs to damaged areas. Sit accumulation at controls and fences must be removed when the depth reaches any (S) inches.

Prior to final acceptance by the City, that lorads and waterway crossings constructed for temporary contractor access must be removed, accumulated sediment removed from the waterway and the area restored to the original grade and revelopment and waterway crossings constructed for temporary contractor access must be removed, when the obstrate is discovered which is; one square for in the approved synthematical series which is; one square for in total area; blows are from within the substrate and/or consistently receives water, during any rain event. At this time the restored specification item 16 (S) (S) (K); Do not add topsoul within the critical root compost with a part compost shall be composed of 3 parts of soil mixed with 1 part composit and the presence of 3 parts of soil mixed with 1 part composit and the provi EROSION CONTROL NOTES

Appendix: P-1 (3/28/2011)

The contractor shall install erosion/sedimentation controls and tree/natural area protective fencing prior to any site preparation work (clearing, grubbing or excavation).

The placement of erosion/sedimentation controls shall be in accordance with the Environmental Criteria Manual and the approved Erosion and Sedimentation Control Plan.

The Placement of tree/natural area protective fencing shall be in accordance with the City of Austin standard Notes for Tree and Natural Area Protection and the approved Grading/Tree and Natural Area Plan.

Sand 30%	Silt 10% .	Clay 5%	
30%	50%	25%	

Topsoil salvaged from the existing site may ofter be used, but it should meet the same standards as set forth in these standards.

The vegetative stabilization of areas disturbed by construction shall be as follows:

TEMPORARY VEGETATIVE STABILIZATION:

From September 15 to March 1, seeding shall be with cool sesson cover crops (Wheat at 0.5 pounds per 1000 SF, Careal Rya Grain at 0.5 pounds per 1000 SF) with a total rate of 1.5 pounds per 1000 SF. Cool season cover crops are not permiament erosion control.

2. From March 2 to September 14, seeding shall be with hulled Bermuda at a rate of 1 pounds per 1000 SF.

A. Fertilizer shall be water soluble with an analysis of 15-15-15 to he applied meet. Fertilizer shall be water soluble with an analysis of 15-15-15 to be applied once at planting and once during the period of establishment at a rate of 1/2 pound per 1000 SF.

Hydromulch shall comply with Table 1, below. Temporary erosion control shall be acceptable when the grass has grown at least Leanness high with 95% coverage, provided no bare spots larger than 16 square feet exist. When required, native grass seedling shall comply with requirements of the City of Austin Environmental Criteria Manual.

• ,				
Material	Description	Longevity	Typical Applications	Application Rates
100% or any blend of wood, cellulose, straw, and/or cotton plant material (except no mulch shall exceed 30% paper)	70% or greater Wood/Straw 30% or less Paper or Natural Fibers	O-3 months	Moderate slopes; from flat to 3:1	1500 to 200 lbs per acre

From September 15 to March 1, seeding is considered to be temporary stabilization only. If cool season cover crops exist where permanent vegetative stabilization is desired, the grasses shall mowed to a height of less than one-half (%) inch and the area shall be re-seeded in accordance with 2, below.

From March 2 to September 14, seeding shall be with hulled Bermuda at a rate of 1 pound per 1000 SF with a purity of 95% with 85% germination. Bermuda grass is a warm season grass and is considered permanent erosion control.

A. Fertilizer shall be a water soluble with an analysis of 15-15 to be applied once at planting and once during the period of establishment at a rate of 1/2 pound per 1000 SF.

Material	Description	Longewty	Longevity Typical Applications	Application Rates
Bonded =iber Matrix (BFN)	80% Organic defibrated fibers 10% Tackiner	6 months	On slopes up to 2: I and erosive soil conditions	2500 to 4000 lbs per acre (see manufacturers recommendations)
Fiber Reinforced Matrix (FRM)	Fiber 65% Organic defibrated Reinforced fibers 25% Reinforcing Matrix (FRM) Fibers or less 1,0% Tackifier	Up to 12	On slopes up to 1:1 and erosive soil conditions	3000 to 4500 lbs per scre (see manufactures recommendations)

			ition:	eveloper Information:
On slopes up to 1:1 3000 to 4500 lbs per and erosive soil (see manufactures conditions recommendations)	On slopes up to 1:1 and erosive soil conditions	Up to 12 months	Fiber 65% Organic defibrated Reinforced fibers 25% Reinforcing Matrix (FRM) Fibers or less 10% Tackifier	Fibe: Reinforced Matrix (fRM)
On slopes up to 2:1 2500 to 4000 lbs per and erosive soil (see manufacturers conditions	On slopes up to 2:1 and erosive soil conditions	G months	80% Organic defibrated fibers 10% Tackifier	Bond&d =iber Matrix (BFNI)
Application Rates	Longevity Typical Applications	Longevity	Description	Material

3000 to 4500 lbs per scre (see manufactures recommendations)	On slopes up to 1:1 and erosive soil conditions	Up to 12	Fiber 65% Organic defibrated Reinforced fibers 25% Reinforcing Matrix (FRM) Fibers or less 1,0% Tackiner	Fiber Reinforced Matrix (fRM)
2500 to 4000 lbs per acre (see manufacturers recommendations)	On slopes up to 2:1 and erosive soil conditions	G months	80% Organic defibrated fibers 10% Tackifier	Bond&d ≐iber Matrix (BFN)
Application Rates	Longevity Typical Applications	Longevity	Description	Material

3000 to 4500 lbs per scre (see manufactures recommendations)	On slopes up to 1:1 and erosive soil conditions	Up to 12 months	Reinforced fibers 25% Reinforcing Matrix (FRM) Fibers or less 10% Tackifer	Fiber Reinforced Matrix (FRM)
2500 to 4000 lbs per acre (see manufacturers recommendations)	On slopes up to 2:1 and erosive soil conditions	G months	80% Organic defibrated fibers 10% Tackifier	Bonded =iber Matrix (BFN)
Application Rates	Longevity Typical Applications	Longenty	Description	Material

Material	Description	Longevity	Longevity Typical Applications	Application Rates
Bonded =iber Matrix (BFN)	80% Organic defibrated fibers 10% Tackifier	6 months	On slopes up to 2:1 and erosive soil conditions	2500 to 4000 lbs per acre (see manufacturers recommendations)
Fiber Reinforced Matrix (PRM)	Reinforced fibers 25% Reinforcing Matrix (FRM) Fibers or less 10% Tackifier	months	On slopes up to 1:1 and erosive soil conditions	3000 to 4500 lbs per scre (see manufactures recommendations)

Owner's representative responsible for plan alterations: RLG VENTURES LLC tation control maintenance: Phone # (512) 480-0848

Person or firm responsible for tree/natural area protection maintenance:

RLG VENTURES LLC
Phone # (5+2) 480 -0848

ontractor shall not dispose of surplus excavated material from the site without notifying the Planning and Development Review Department at (512) 974-2278 at least 48 hours prior with the location and a copy of the permit issued to receive the material.

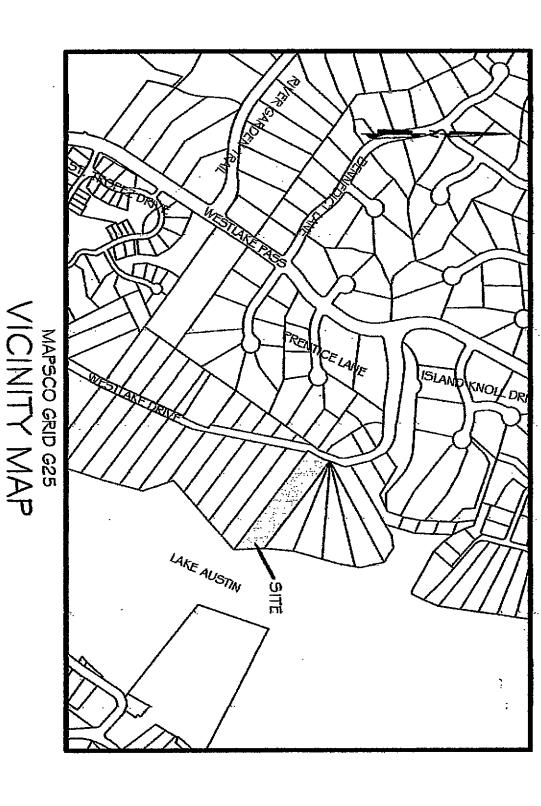
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APPROVAL DATE



CITY OF AUSTIN STANDARD NOTES FOR TREE AND NATURAL AREA PROTECTION Appendix: P-2 (3/28/2011) ses and natural areas shown on plan to be preserved shall be protected during construction with

All trees and natural arcas shown on plan to be preserved shall be protected during construction with temporary fenore,

Protective finces shall be installed prior to the saint of any size preparation work (dearing, grubbing or protective finces shall be installed prior to the saint of any size preparation work (dearing, grubbing or grading), and shall be manitarined throughout all phases of the construction mork (dearing, grubbing or grading), and shall be manitarined throughout all phases of the construction mork (dearing, grubbing or grading), and shall be manitarined throughout all phases of the construction from the result in a following:

A. Soil compaction in the root zerie area resulting from velocities that the children of branches (der) lind), for natural areas, protective fences shall be installed or manitarined that manitarined throughout all phases of the construction from a manitarined throughout all phases of the construction and an analysis of the particular property.

A. Soil compaction in the root zerie area resulting from velocities that the lind of Construction line, in order to present the following:

B. Root zone destribences due to grade changes (greater than 6 inches cut or fill), or trenching not revenued and subtortized by the Chy Arborist;

C. Wonds to expose the subtortized by the Chy Arborist;

D. Other activities destinated to reves such as chemical storage, cement truck clearing, and fires.

Exceptions to installing facines at the same perior by a series of the permetal paying at the property of the following property of the property of the property of the manifer property of the property

As a condition of final acceptance of the site, and in conformance with Environmental Criteria Manua 3.5.4 - All preserved trees within the limits of construction will be Aerated and provided with Suppl Nutrients per the following guidelines. Macro and MicroNutrients are required, Humate/nutrient solutions are components are highly recommended. These solutions are commonly utilized to remediation for trees affected by construction. Materials and methods are to be approved by Arbonist (512)974-1876 prior to application. The owner or general contractor shall select a fe contractor and insure coordination with the City Arbonist Phone. (512)974-1876.

Treatment is to commence prior to the beginning of construction activities and again after the completion of all construction. Areas to be treated include the entire critical root zone of trees as depicted on the City approved plans. Trees are to be aerated by water injected into the soil funder pressure via a soil probe at 50-125 pounds per square inch) or by other method as approved by Flanning and Development Review Department. The Proposed Nutrient Mix Specifications need to be provided to and approved by the City Arborist Prior to application Fax # (512)974-3010. Applicants may also specify soil injection of Doggett X-L injecto 32-7-7 or equivalent at recommended rates. Construction which will be completed in less than 90 days should use materials at ½ recommended rates. Alternative organic fertilizer materials are acceptable when approved by the City Arborist. Within 7 days after fertilization is performed, the contractor shall provide documentation of the work performed to the City Arborist, Flanning and Development Review Department F.O. Box 1088, Austin, Texas 78767. This Note should be referenced as item #1 in the Sequence of Construction.

Site Plan Release Notes:

The following site plan release notes are included in accordance with the City of Austin's request. Applicant will comply with all applicable City of Austin requirements.

All improvements shall be made in accordance with the released site plan. Any additional improvements will require site plan amendment and approval of the Planning # Development Review Department.

All signs must comply with requirements of the Land Development Code. (Section | 3-2, Article VII)

Additional electric essements may be required at a later date.

All existing structures shown to be removed will require a demolition permit from the City of Austin Planning # Development Review Department.

A development permit must be issued prior to an application for building permit for non-consolidated or Planning Commission approved site plans.

For driveway construction: The owner is responsible for all costs for relocation of, or damage to utilities.

For the building permit, a signed and scaled letter shall be submitted to the City of Austin, per the Land Development Code, 25-12-3 1612.4, certifying that the structure is in accordance with ASCE 24, Flood Resistant Design and Construction.

All work will approve and construction.

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or Director - Planning & Development Review Department	
Review	
Department	

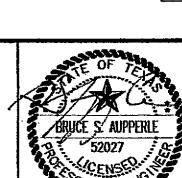
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2611 Westlake Drive

AUPPERLE COMPANY Engineering, Planning & Development Services 2219 Westlake Drive #110, Austin, Texas 78746 512 329-8241



Texas Board Of Professional Engineers Registration Number F-1994

COVER SHEET & NOTES

