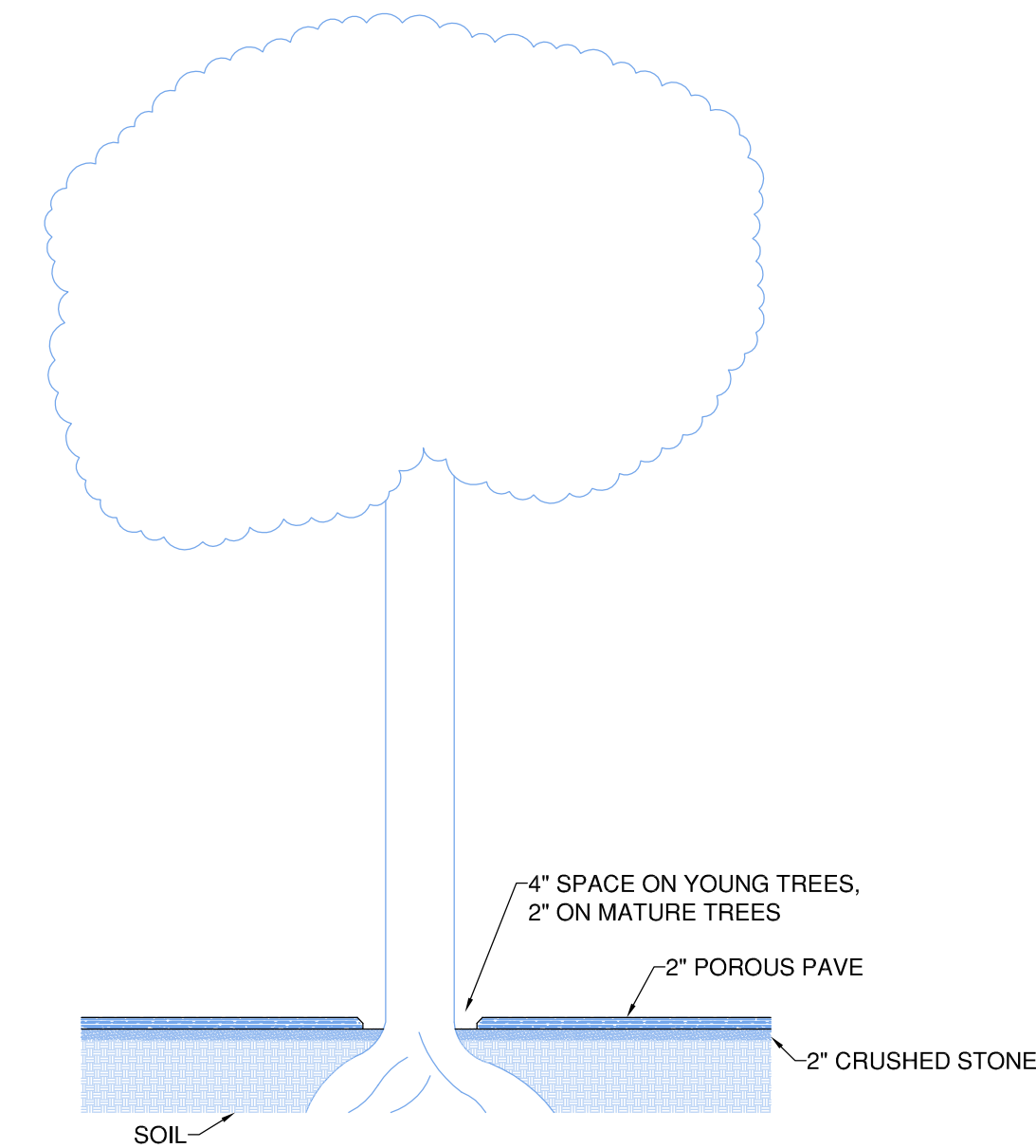


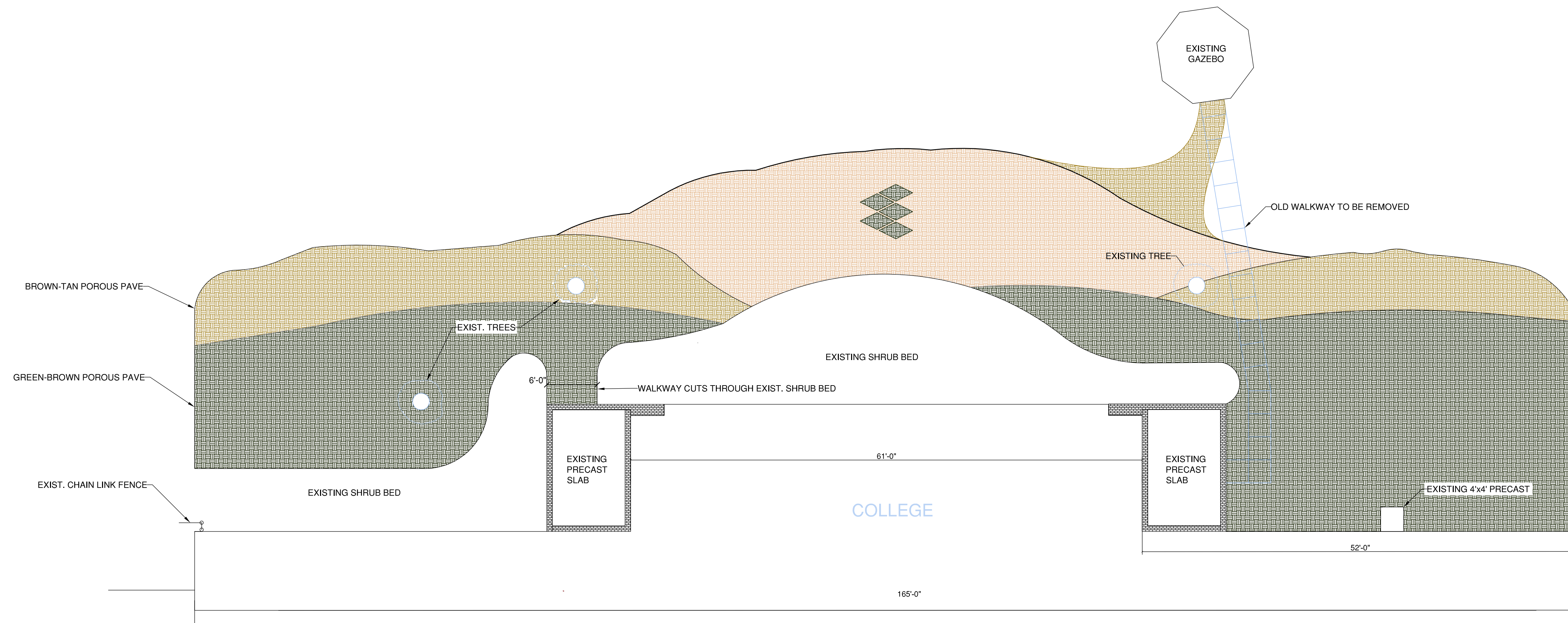
INSTALLATION PLAN
SCALE: 1 1/2" : 1' 0"

2" MINIMUM- FOOT TRAFFIC AREAS
4" MINIMUM- VEHICLE AREAS
ADDITIONAL DEPTHS REQUIRED
FOR HIGH DRAINAGE AREAS

- NOTES:
1. PRODUCT BEING USED IS THE POROUS PAVE XL FROM POROUS PAVE INC.



PERMEABLE TREE SURROUND
SCALE: 1/2" : 1' 0"

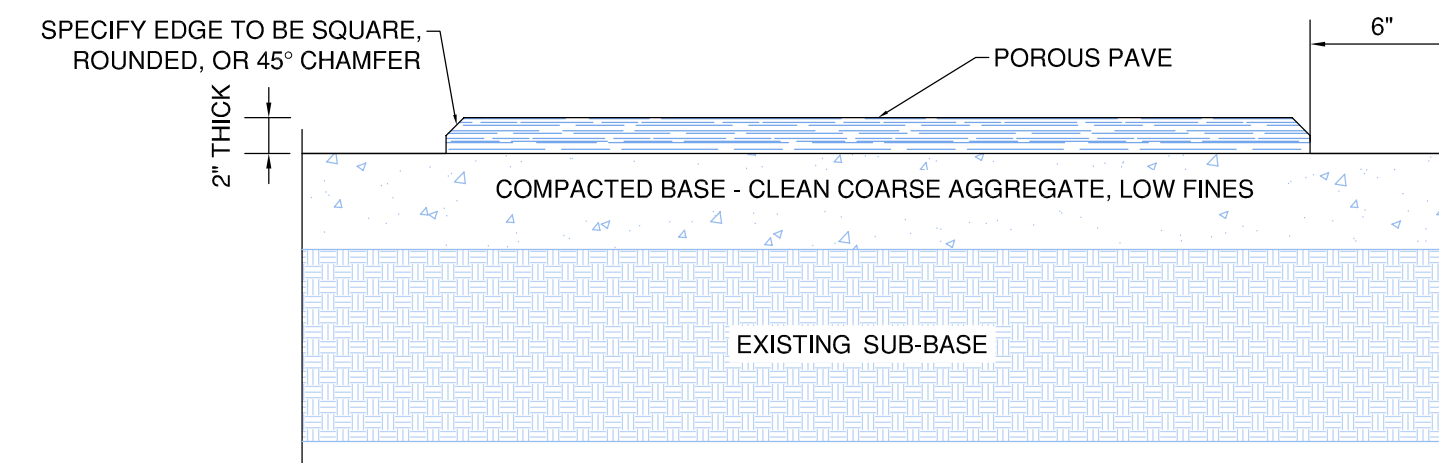


PLAN VIEW
SCALE: 1/4" : 1' 0"

SQUARE FOOTAGE OF DIFFERENT COLOR PAVES. VALUES ARE APPROXIMATE.
TAN PAVE: 950 SQUARE FEET
BROWN/TAN PAVE: 910 SQUARE FEET
GREEN/BROWN PAVE: 2120 SQUARE FEET

4'x4' TABLE WITH CHAIRS FOR SIZE REFERENCE

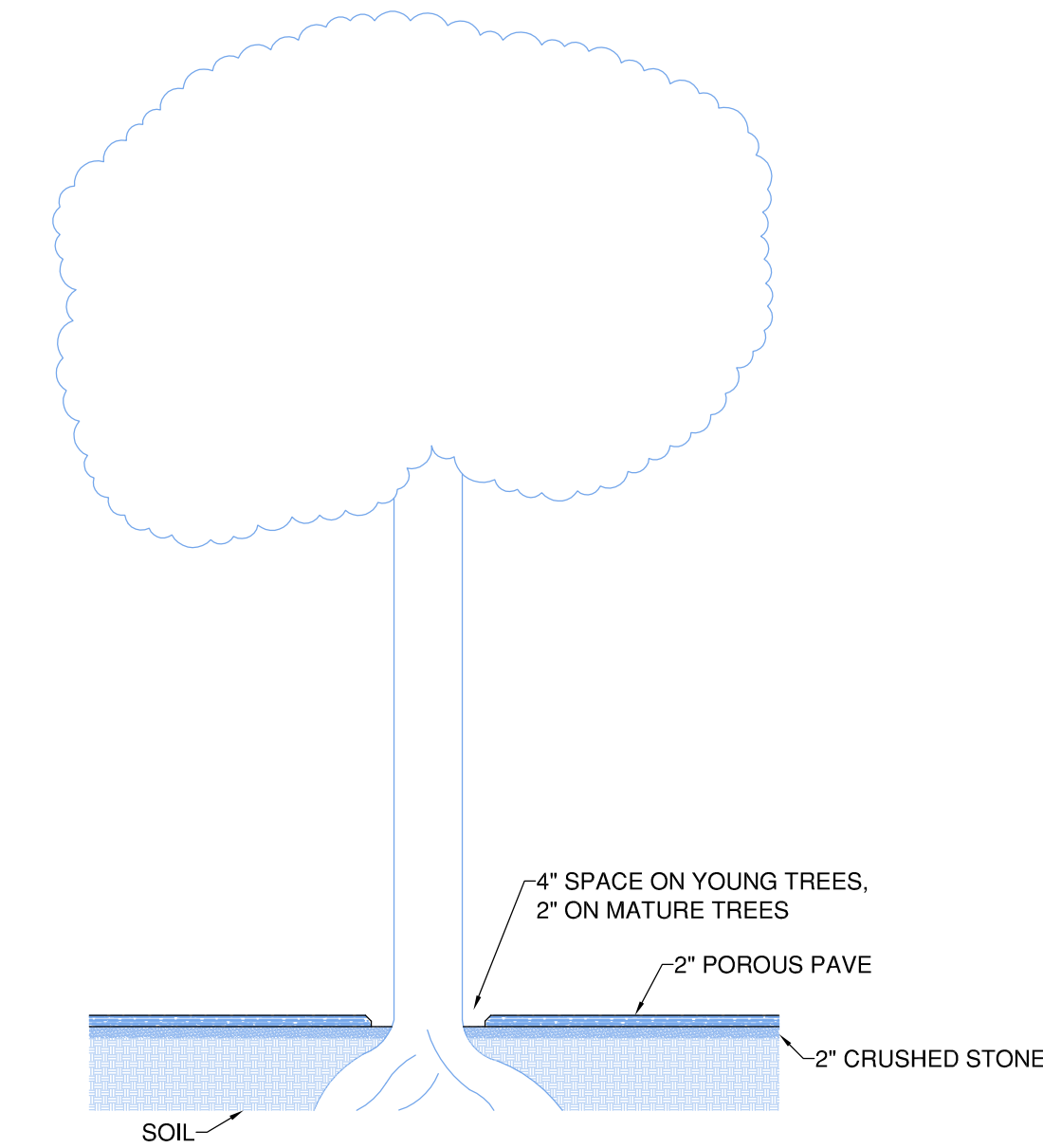
PROJECT NUMBER: 0119-003
DATE: 2-13-2019
SCALE: AS NOTED
DRAWN BY: PCR
CHECK BY: TR



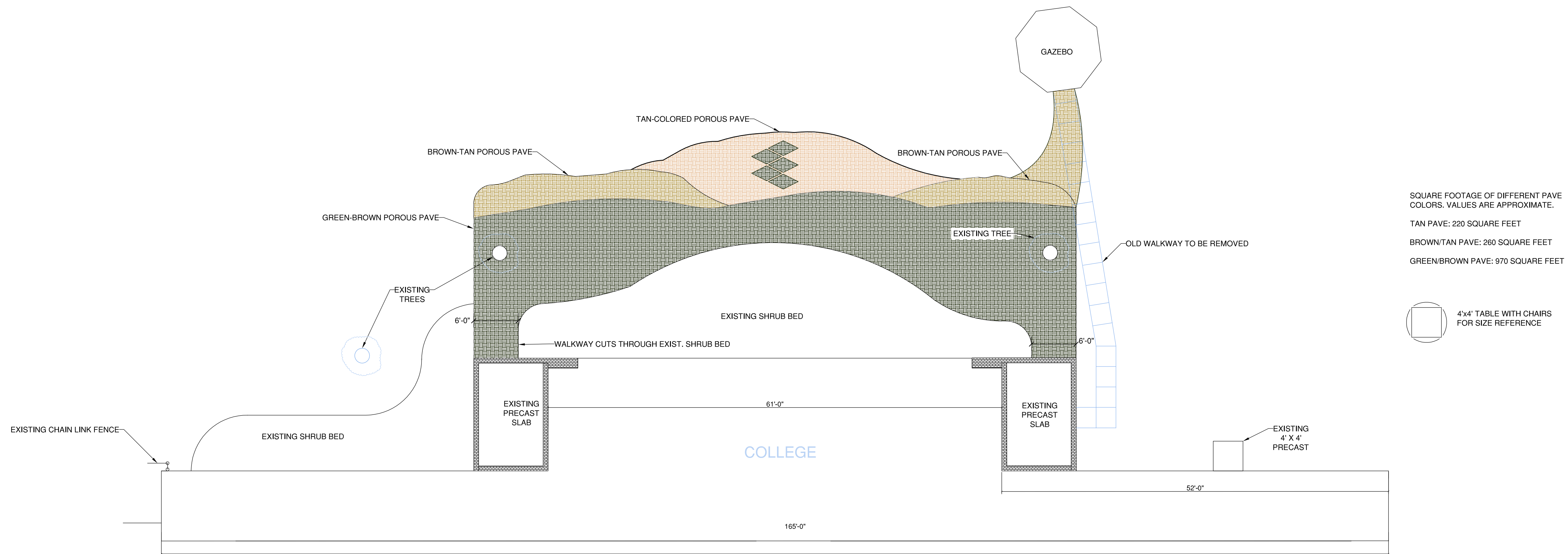
2" MINIMUM- FOOT TRAFFIC AREAS
4" MINIMUM- VEHICLE AREAS
ADDITIONAL DEPTH AS REQUIRED
FOR HIGH DRAINAGE AREAS

INSTALLATION PLAN
SCALE: 1 1/2" : 1' 0"

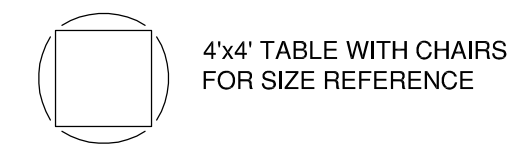
NOTES:
1. PRODUCT BEING USED IS THE POROUS PAVE XL FROM POROUS PAVE INC.



PERMEABLE TREE SURROUND
SCALE: 3/8" : 1' 0"




SQUARE FOOTAGE OF DIFFERENT PAVE
COLORS. VALUES ARE APPROXIMATE.
TAN PAVE: 220 SQUARE FEET
BROWN/TAN PAVE: 260 SQUARE FEET
GREEN/BROWN PAVE: 970 SQUARE FEET



PLAN VIEW
SCALE: 1/8" : 1' 0"

PROJECT NUMBER: 0119-003
DATE: 2-13-2019
SCALE: AS NOTED
DRAWN BY: PCR
CHECK BY: TR

GENERAL SPECIFICATIONS



Porous Pave
PERMEABLE • DURABLE • FLEXIBLE

A revolutionary paving product that is heavy duty, flexible and highly porous. It is made from recycled tires, aggregate and a special single component urethane that remains flexible.

FEATURES	BENEFITS
Permeable	Rated at up to 29% porosity, 5800-6300 GPH permeability
Slip Resistant	Lessons the chance of slip and fall accidents
Flexible	Flexibility of product withstands cracking or heating
Durable	Resistant to most hostile materials (oil, gas, chlorine, UV, etc.)
Quick Installation	Mix and pour in place application on site
Strong	Can handle low speed traffic at only 2" thick
Environmentally Friendly	Made from recycled tires, every 1000 sq. ft. of Porous Pave saves about 300 tires from the landfill

INSTALLATION SHOULD BE PERFORMED BY A CERTIFIED INSTALLER

A hard material made from 50% recycled tires, 50% stone aggregate and a moisture cured urethane binding agent. Thickness of install will vary from 1" to 2" thick depending on application. Can be installed from 45° to 95°F temperatures, curing temperature should not drop below 35°F. Available for use 24 hours after installation, creating an extremely porous, heavy duty surface.

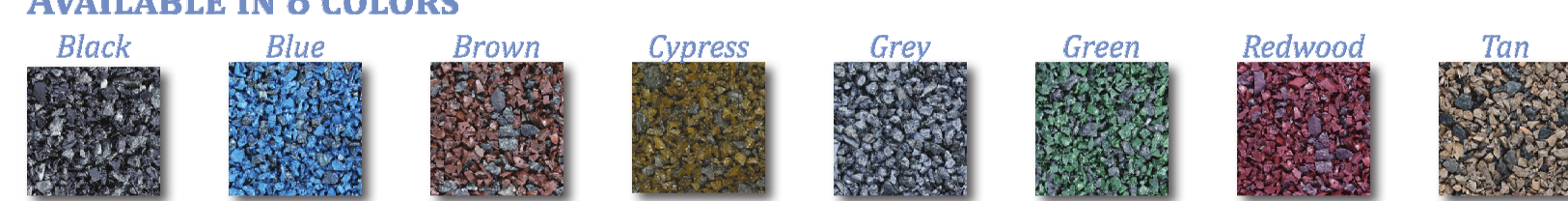
SUBSTRATES FOR POROUS PAVE

- At 2" thick a base of 4" crushed stone or similar aggregate with low fines, 3/8" to 3/4" in size, compacted to a density of 95% minimum is needed
- At 1 1/2" thick it is designed for foot traffic only and requires a 2" aggregate base
- At 1" thick it is designed to install over an existing engineered surface (concrete, asphalt, wood, etc.)

USES

Storm water management, driveways, parking lots, sidewalks, pathways, patios, pool surrounds, tree surrounds, play grounds, maintenance strips, golf courses, etc.

AVAILABLE IN 8 COLORS



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INSTALLATION NOTES



Porous Pave
PERMEABLE • DURABLE • FLEXIBLE

MIXING TIMES

If mixing in a mortar mixer, it's very important that the mixing time is one to two minutes maximum, just long enough for the rock to look dark and wet. If you let the mixer continue to run, the binder draws more moisture and will cause a slight color change.

GRAY & TAN COLORS

The binder will change the original color some depending on the amount of sunlight. It is actually the binder ambering and with time and wear, the ambering will diminish.

45 DEGREES MINIMUM

It is important that temperature doesn't fall below 45° F for about six hours after the installation. The binder can not freeze until fully cured.

AVOID RAIN AND MOISTURE

The binder is moisture cured. Allow at least a 6 hour window for rain. If any rain or excess moisture becomes a factor before the installation cures, the binder will foam up and can not be repaired.

BASE PREPARATION

It is important to follow recommended base preparation (see manual or www.porouspaveinc.com) the base needs to be level, compacted and the proper type and amount of stone.

USE PROPER MIXTURE

Be sure to follow mixing instructions, the incorrect mixture of binder, rubber and stone may cause the product to cure improperly.

CURING TIME

The binder is moisture cured, so if it is humid the product will cure more quickly. Generally this product cures within 24 hours of being poured.

BINDER WILL STAIN

Be sure to "respect" the binder, whatever it gets on, it will stain and cannot be cleaned.

USE VEGETABLE OIL ON TOOLS

Make sure to coat and recoat all of your tools as needed with vegetable oil, it will make clean up easier and also allows you to put the best finish on the installation.

CLEAN UP

Use bio-diesel fuel for tool clean up.

WARRANTY


Be sure to fill out the warranty registration and return with two photos to Porous Pave Inc. to activate the two year warranty, forms can be found at www.porouspaveinc.com

STORAGE

Store binder above 45° F. Rock and stone must be kept dry and stored out of direct sunlight to prevent condensation inside the bags.

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MATERIAL MIXING GUIDE



Porous Pave
PERMEABLE • DURABLE • FLEXIBLE

POROUS PAVE XL

Base Coverage Guide

Thickness	Coverage
1"	24 sq. ft.
1.5"	16 sq. ft.
2"	12 sq. ft.

Base Mixing Ratio

- 1 - 50# bag of rubber chips
- 1 - 50# bag of aggregate
- 5 - Quarts of B5HN hard binder

Typical Batch Mixture

For typical batches **double** base mixture in an 8 cubic ft or larger mixer.

POROUS PAVE XLS

Base Coverage Guide

Thickness	Coverage
1"	16 sq. ft.
2"	8 sq. ft.

Base Mixing Ratio

- 1 - 50# bag of rubber chips
- 3 1/4 - Quarts of B5SN soft binder

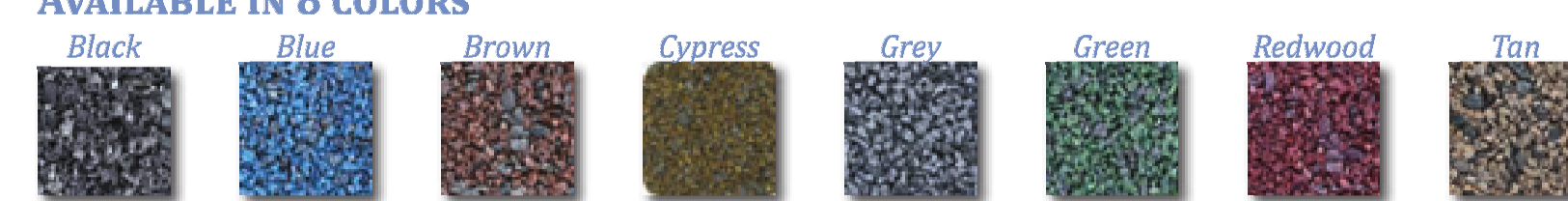
Typical Batch Mixture

For typical batches **triple** base mixture in an 8 cubic ft or larger mixer.

IMPORTANT MIXING TIPS

- Mix in mortar mixer 45-60 seconds or until material is evenly coated with binder, over-mixing may change the color of the material.
- Oil mixer frequently with vegetable oil in between batches, this will keep the material from sticking to the mixer and aid in clean up.

AVAILABLE IN 8 COLORS



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S3

ENGINEERING SOLUTIONS & CONSTRUCTION MANAGEMENT, PLC
 PROJECT NUMBER: 0119-003
 DATE: 2-13-2019
 SCALE: AS NOTED
 DRAWN BY: PCR
 CHECK BY: TR

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