

Client:



CITY OF BREVARD  
95 W MAIN STREET  
BREVARD, NC 28712  
828.885.5600

Project:

NCDOT R-5799  
at US 64 and NC 280/64

Project #:  
Drawn By: EW  
Checked By: TB  
Scale: NTS

Issue	Date
1	5/31/2021
2	6/22/2021

Drawing Title:

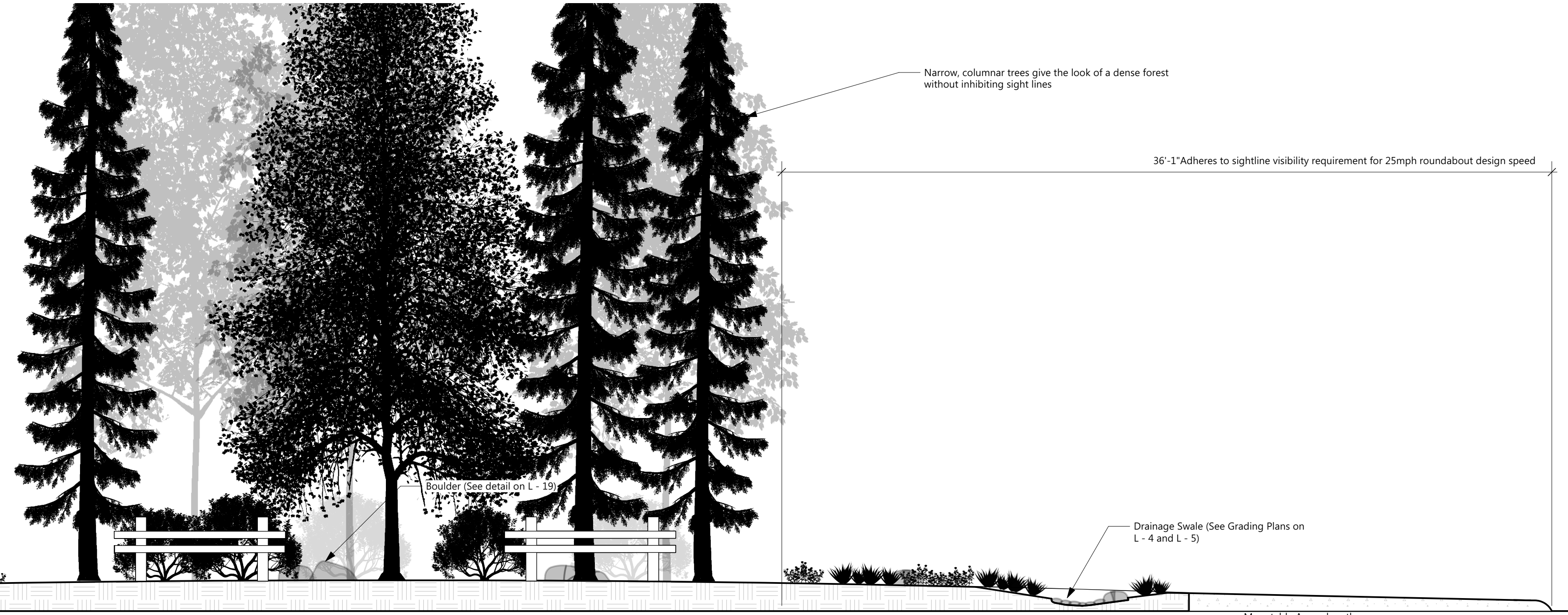
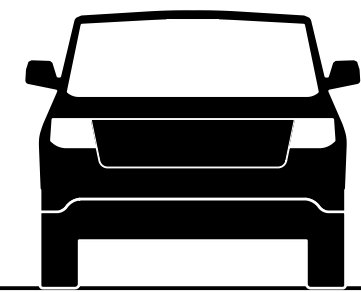
**PLANTING  
SECTION AND  
DETAILS**

Seal:  
Name: Teresa Buckwalter  
Profession: Landscape Architect  
License No.: 1702



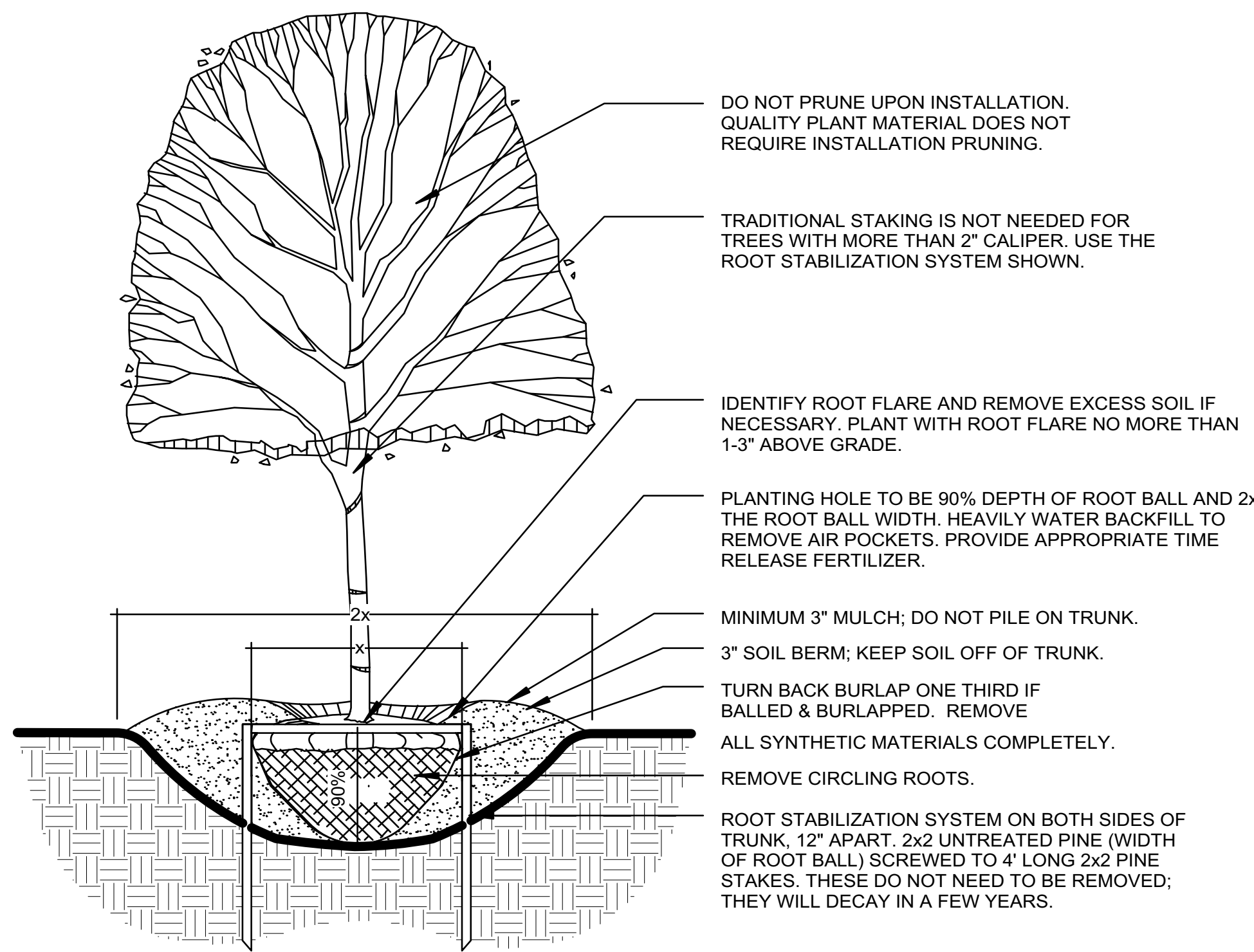
Date Signed by:  
Teresa Buckwalter  
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Drawing No.:



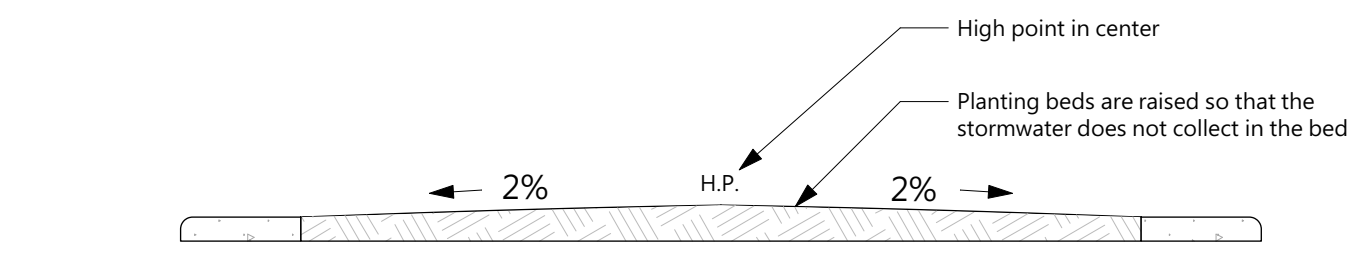
**A R - 5799 SECTION (Pisgah Highway Intersection)**

SCALE: 1/4" = 1' - 0"

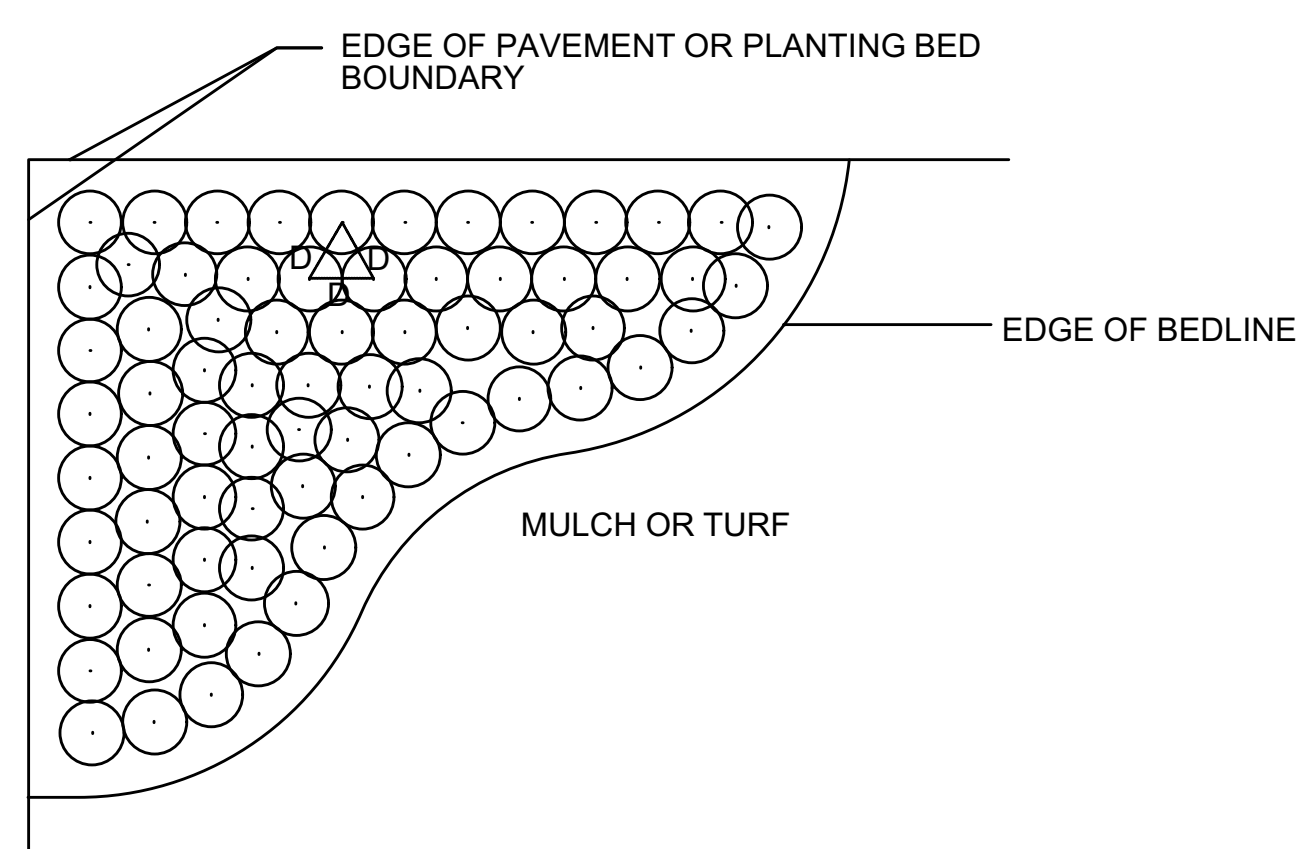


**B ROADWAY SPLITTER ISLAND PLANTING BED SECTION**

SCALE: 1/4" = 1' - 0"



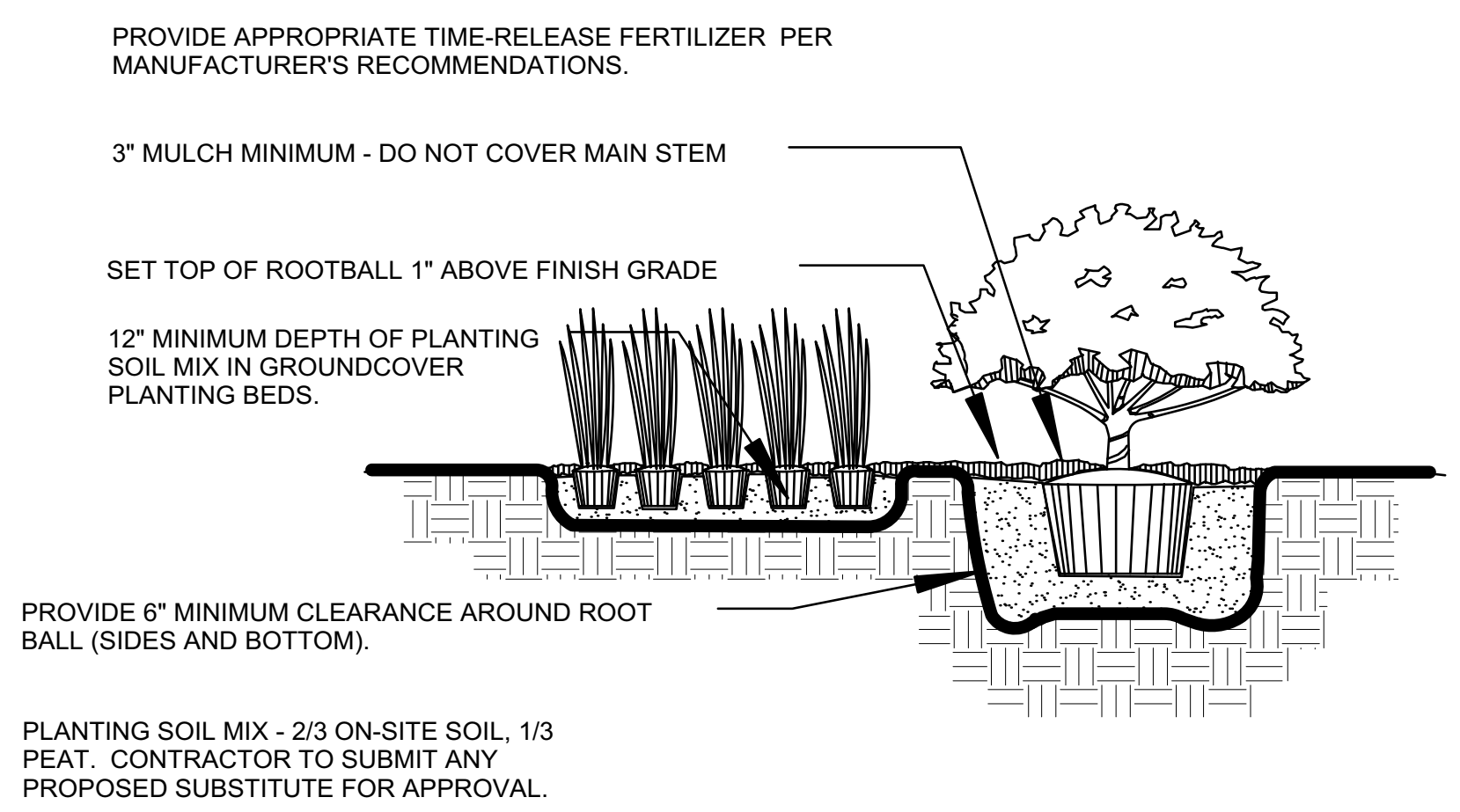
NOTE: See planting plan for plant species in splitter islands



NOTE: LAYOUT PLANTS IN A TRIANGULAR PATTERN AS SHOWN, SPACED EQUALLY FROM EACH OTHER (AT SPACING SPECIFIED IN THE PLANT LIST) AND IN STRAIGHT ROWS. SPACING MAY BE ADJUSTED SLIGHTLY TO CREATE SMOOTH FLOWING BEDLINES AS SHOWN ON LANDSCAPE PLANS. PROVIDE 6" - 12" UNIFORM CLEARANCE (MULCH STRIP) BETWEEN PLANT FOLIAGE AND EDGE OF BEDLINE (TYP.).

**1 Tree Planting Detail - Root Ball Stabilization**

N.T.S.



**3 Plant Spacing Detail**

N.T.S.

**General Notes:**

- Plant material shall conform to the standards for Grade #1 or better as given in the latest "American Standard for Nursery Stock," American National Standards Institute. Plant size is to take precedence over container size.
- All trees and shrubs are to be positioned vertically regardless of the slope of the ground in which they are planted. Berms are to be constructed at right angles to the tree or shrub or in a manner in which they will most effectively serve the purpose of retaining water at the base of the plant.
- Soil preparation must be conducted by contractor. The contractor shall conduct soil tests on subsoil on site and amend the soil per NC DOT Specifications or install quality topsoil in all landscape beds that meets the specification per NC DOT in the R-5799 Design & Development Construction Specifications. This plant material specifically requires acidic, loamy, well drained soil to prevent root rot and fungal issues.
- Landscape material is to be maintained by the landscape contractor (including mowing, pruning, and weeding) until planting is approved by client. The landscape contractor must provide: (A.) A warranty on all trees for a period of (18) months. (B.) A warranty on all shrubs and groundcovers for a period of (18) months. (C.) Guidelines for proper maintenance.
- Mulch all planting beds with 3" of double ground hardwood mulch.
- Only "approved sod" (trade designation) consisting of a mixture of 50% Kentucky Bluegrass and 50% Hard Fescue or Zoysia shall be used. The sod, machine cut to the suppliers standard width and length, shall be 5/8" minimum, excluding top growth and thatch, at the time of cutting. Before cutting, the sod shall be uniformly mowed at a height of 1 1/2" to 2 1/2". Standard sod sections shall be sufficiently strong to support their own weight and retain their size and shape when suspended vertically from a firm grasp on the upper 10% of the section. The sod may be either 42" wide roll sod or 18" by 36" strips. Refer NCDOT specifications for soil preparation specifications for sod areas.
- All disturbed areas not otherwise planted shall be stabilized with a blend of Kentucky Blue/ Hard Fescue grass at the rate specified in the NCDOT R-5799 Landscape Design and Development Construction Specifications.

**2 Shrub and Groundcover Planting Detail**

N.T.S.



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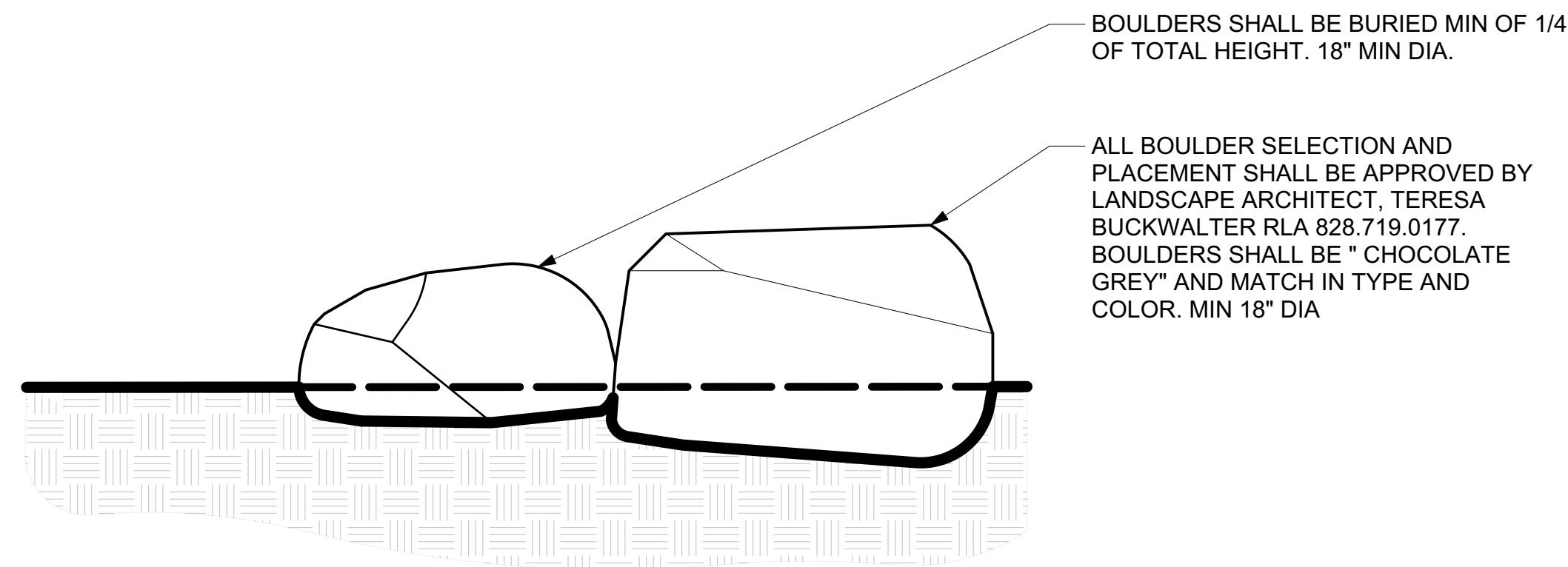
**HARDSCAPE  
SECTION / DETAILS**

Seal:  
Name: Teresa Buckwalter  
Profession: Landscape Architect  
License No.: 1702



Designed by:  
Teresa Buckwalter  
108460284606420

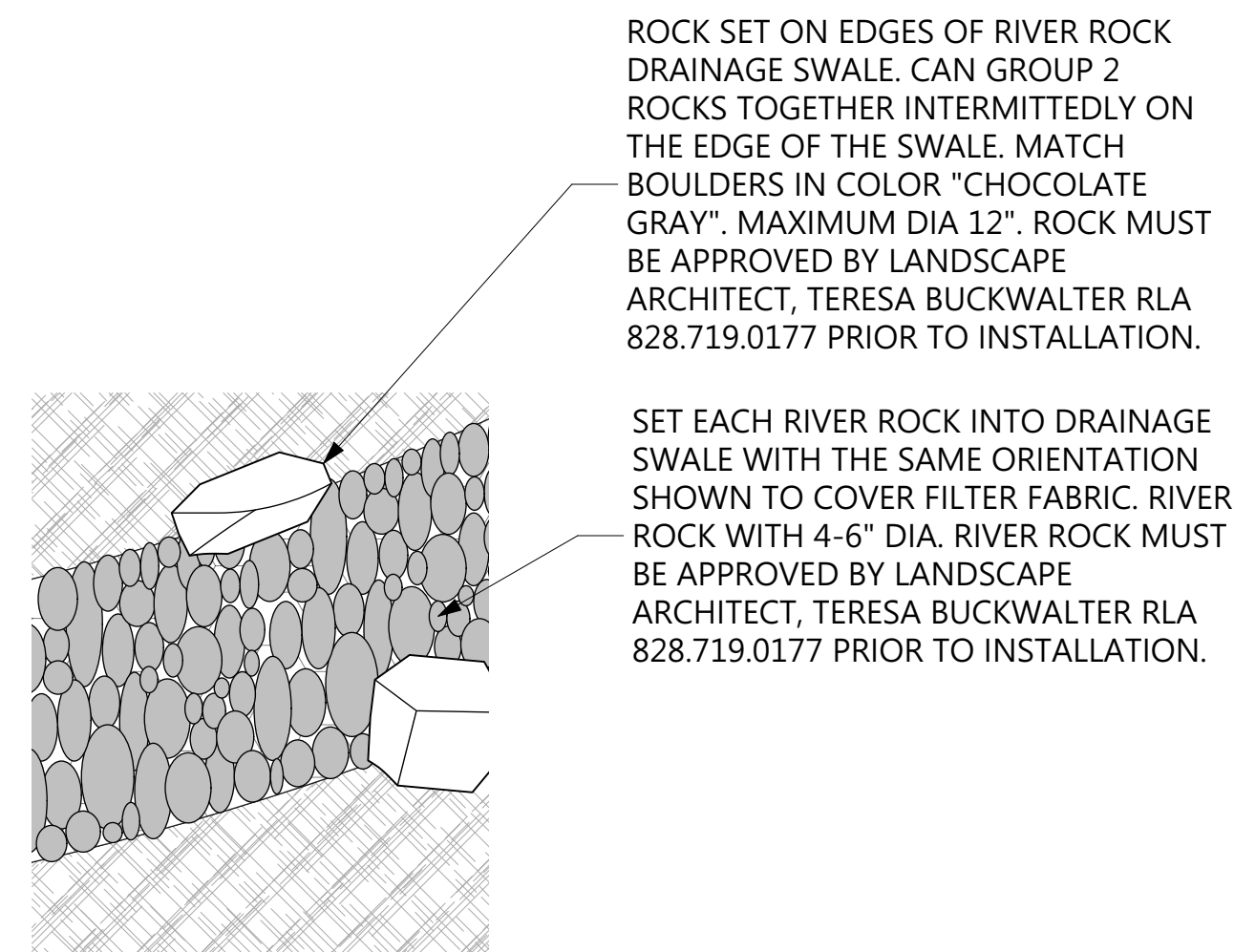
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BOULDERS SHALL BE BURIED MIN OF 1/4 OF TOTAL HEIGHT. 18" MIN DIA.  
ALL BOULDER SELECTION AND PLACEMENT SHALL BE APPROVED BY LANDSCAPE ARCHITECT, TERESA BUCKWALTER RLA 828.719.0177. BOULDERS SHALL BE "CHOCOLATE GREY" AND MATCH IN TYPE AND COLOR. MIN 18" DIA

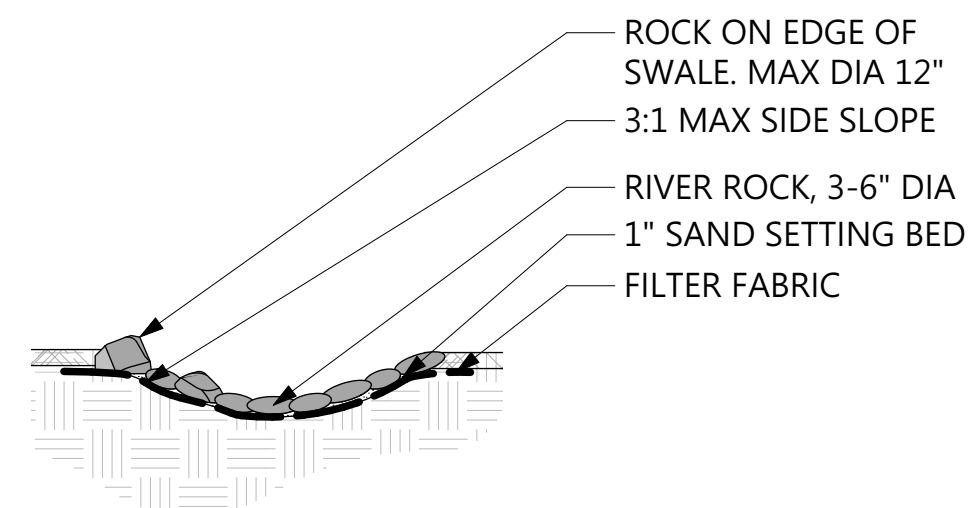
**4 Boulder Placement Detail**

N.T.S



ROCK SET ON EDGES OF RIVER ROCK DRAINAGE SWALE. CAN GROUP 2 ROCKS TOGETHER INTERMITTEDLY ON THE EDGE OF THE SWALE. MATCH BOULDERS IN COLOR "CHOCOLATE GRAY". MAXIMUM DIA 12". ROCK MUST BE APPROVED BY LANDSCAPE ARCHITECT, TERESA BUCKWALTER RLA 828.719.0177 PRIOR TO INSTALLATION.

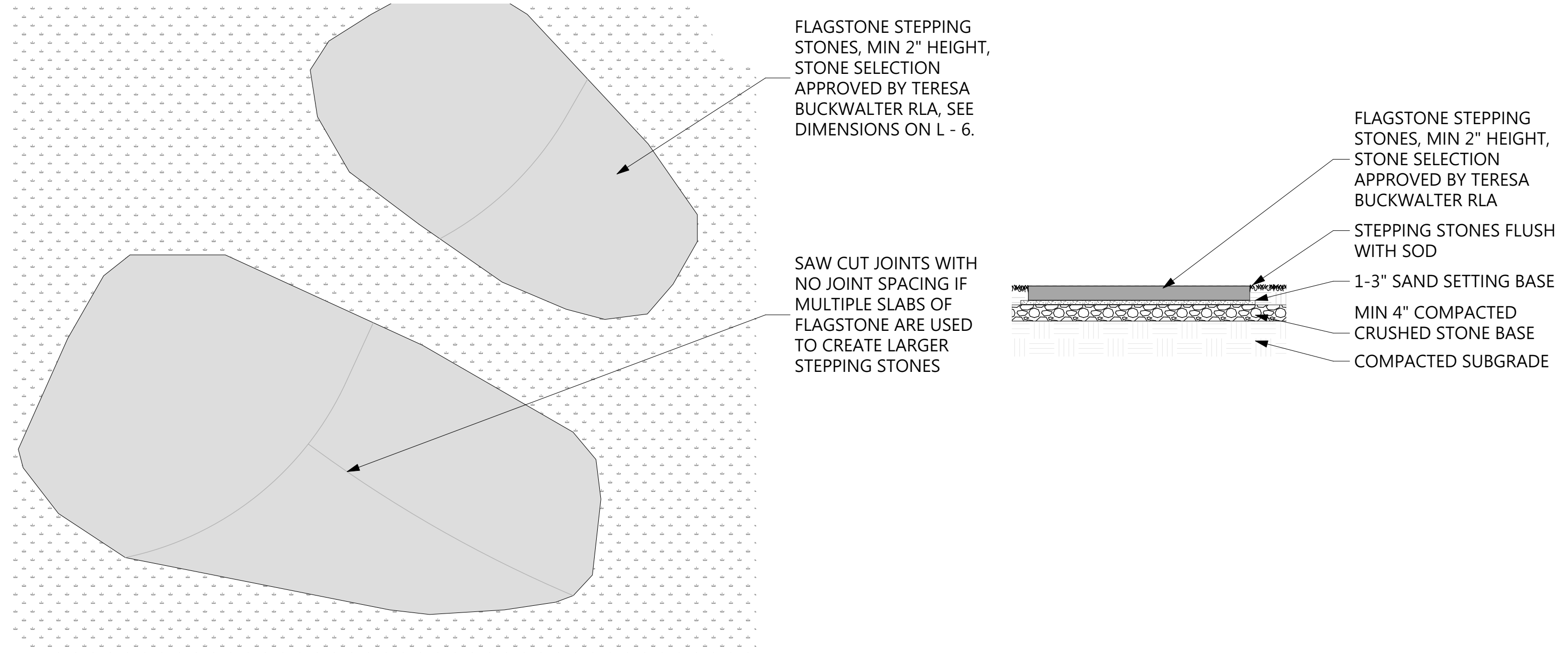
SET EACH RIVER ROCK INTO DRAINAGE SWALE WITH THE SAME ORIENTATION SHOWN TO COVER FILTER FABRIC. RIVER ROCK WITH 4-6" DIA. RIVER ROCK MUST BE APPROVED BY LANDSCAPE ARCHITECT, TERESA BUCKWALTER RLA 828.719.0177 PRIOR TO INSTALLATION.



ROCK ON EDGE OF SWALE. MAX DIA 12"  
3:1 MAX SIDE SLOPE  
RIVER ROCK, 3-6" DIA  
1" SAND SETTING BED  
FILTER FABRIC

**5 Stone Drainage Swale Plan View and Section**

1/2" = 1' - 0"



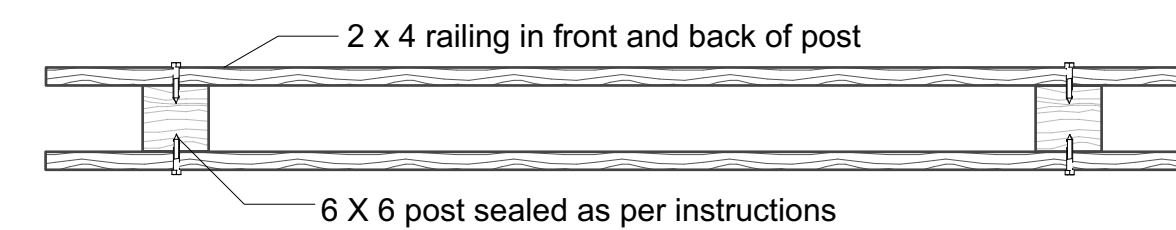
FLAGSTONE STEPPING STONES, MIN 2" HEIGHT, STONE SELECTION APPROVED BY TERESA BUCKWALTER RLA, SEE DIMENSIONS ON L - 6.

SAW CUT JOINTS WITH NO JOINT SPACING IF MULTIPLE SLABS OF FLAGSTONE ARE USED TO CREATE LARGER STEPPING STONES

FLAGSTONE STEPPING STONES, MIN 2" HEIGHT, STONE SELECTION APPROVED BY TERESA BUCKWALTER RLA  
STEPPING STONES FLUSH WITH SOD  
1-3" SAND SETTING BASE  
MIN 4" COMPACTED CRUSHED STONE BASE  
COMPACTED SUBGRADE

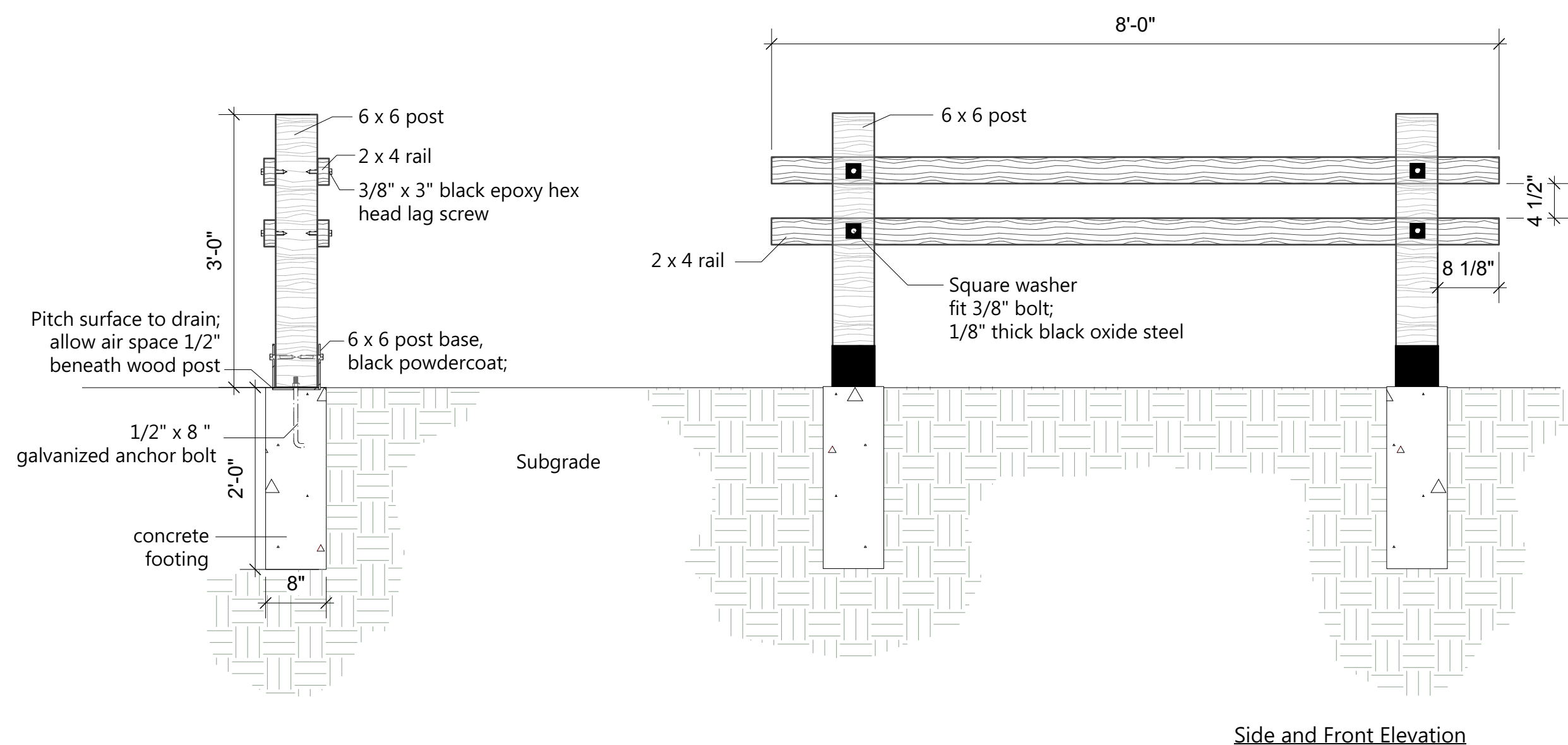
**6 Stepping Stone Plan View and Section**

1/2" = 1' - 0"



Plan View

NOTES:  
All wood to be Douglas Fir Grade #1;  
All wood surfaces sealed with Sherwin Williams SuperDeck Stain, Semi-Transparent, Color: SW 3501 Redwood  
All products to be installed per manufacturers instructions.



Side and Front Elevation

**7 Timber Fence Elevation and Plan View**

3/4" = 1' - 0"