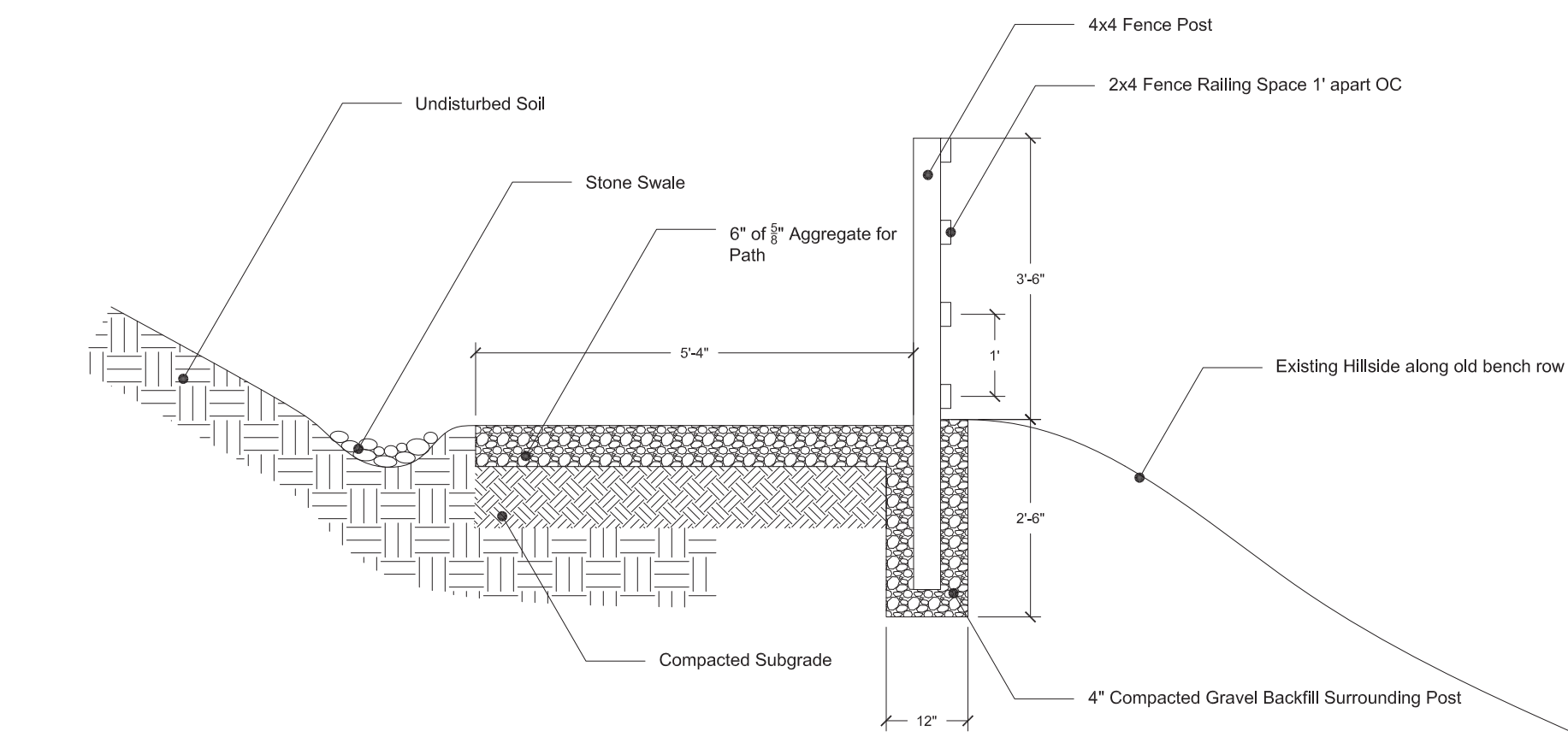


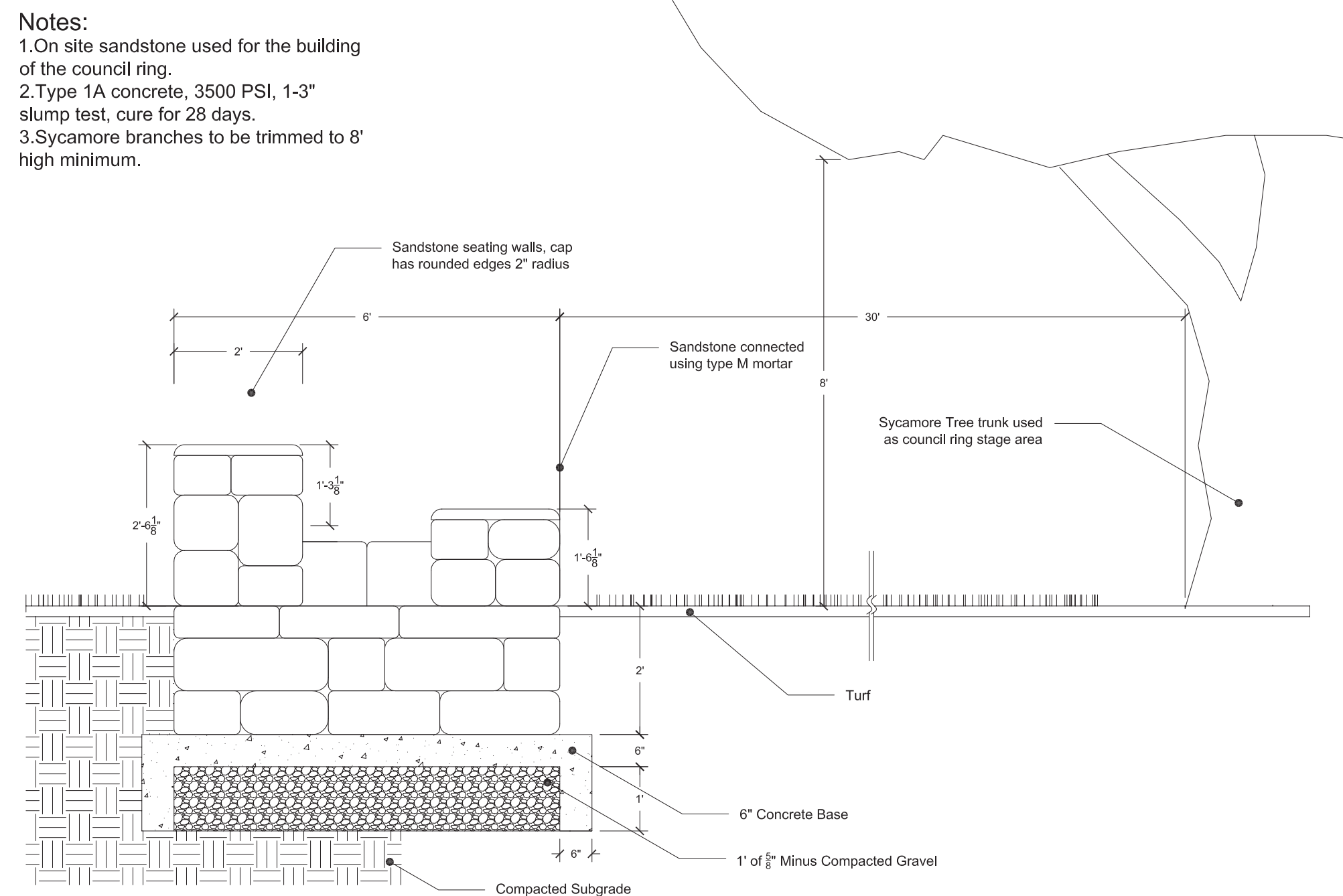
**Notes:**  
 1. Post Base is specified as Simpson strong tie PBS44 galvanized.  
 2. Concrete is Type 1A, 3500 PSI, 1-3" slump test and cure for 28 days  
 3. Post and Beam could be recycled rail road ties, or new depending on availability. New must be pressure Treated.  
 4. All connecting pieces and parts to be painted black.

**1** Path/Overhead Structure Detail  
**5** Scale 3/8" = 1'  
 Philip McHenry  
 EHA Memorial Design



**Notes:**  
 1. Stone used for swale can be pulled from Little Indian Creek. Used for erosion control. Water can then be directed to existing water channels.

**2** Hillside Path Detail  
**5** Scale 1/2" = 1'  
 Philip McHenry  
 EHA Memorial Design



**3** Council Ring  
**5** Scale 1/2" = 1'  
 Philip McHenry  
 EHA Memorial Design

## Construction Details and Materials:

The construction details and materials for the Miners' Memorial Park were developed considering local materials, local labor, on-site resources, economy, practicality and durability. Because of the potential significance of the archeological resources underground the architectural elements seek to make as little an impact on the existing site as possible. Using local materials and labor with on-site resources will keep the costs down for installation, allow for a dependence on local labor and craft, and connect the built elements to the local environmental context. The materials found on site include stone, both from the exposed rock outcrops along the north facing slope and from the stream corridor. Wood may be harvested with the management of the forested areas or found locally as reused railroad timbers. Crushed brick may be found locally as well.

### DETAIL 1: PATH/OVERHEAD STRUCTURE

The detail of the main path, or promenade, leading from the pavilion to the monument is built off the ground with timbers pinned using rebar defining the edge. Crushed brick is layered over aggregate to create a solid base. Weed fabric as an underlayment will assist in maintaining a clean path and to allow for easy weeding. The overhead structure requires some excavation to install footings. The simplicity of the structure relates to the architecture of the mine supporting the overburden. Timbers will be left in a natural state; unfinished and unstained. Creosote railroad ties would be suitable for the structure.

### DETAIL 2: HILLSIDE PATH

Following the bench road down from the Friendship Baptist Church, the hillside path will not require major improvements. In areas where the width of the existing grade narrows this details shows a 'typical' construction approach. A cobble swale, using river stone, moves water down the trail to existing drainages and prevents erosion. Posts will be set with a railing where necessary to create a safe walking environment. The existing grade of the bench road will provide for an accessible slope traversing the hillside to the mine portal.

### DETAIL 3: COUNCIL RING

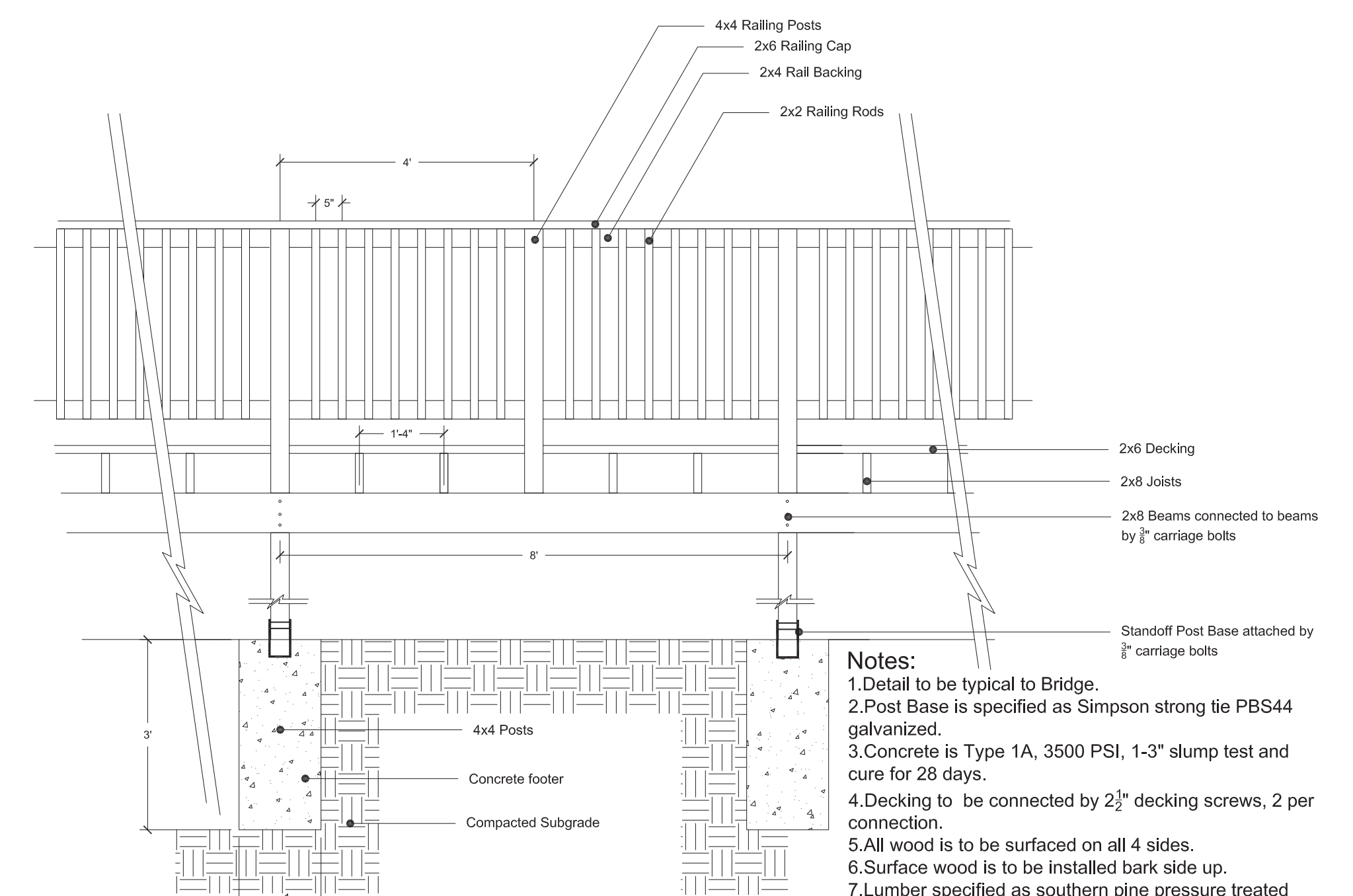
The Council Ring will be constructed of rough cut stone harvested from the site. A footing is required so that no shifting will occur with freeze/thaw patterns. The ring provides for two levels of seating for small gatherings.

### DETAIL 4: PORTAL DECKING

The level area that serves as an overlook to the park and also a viewing area for the portal is basically a deck structure. Wood frame construction can be completed by local laborers and volunteers. Footings set in the slope of the hill provide stability for visitors.

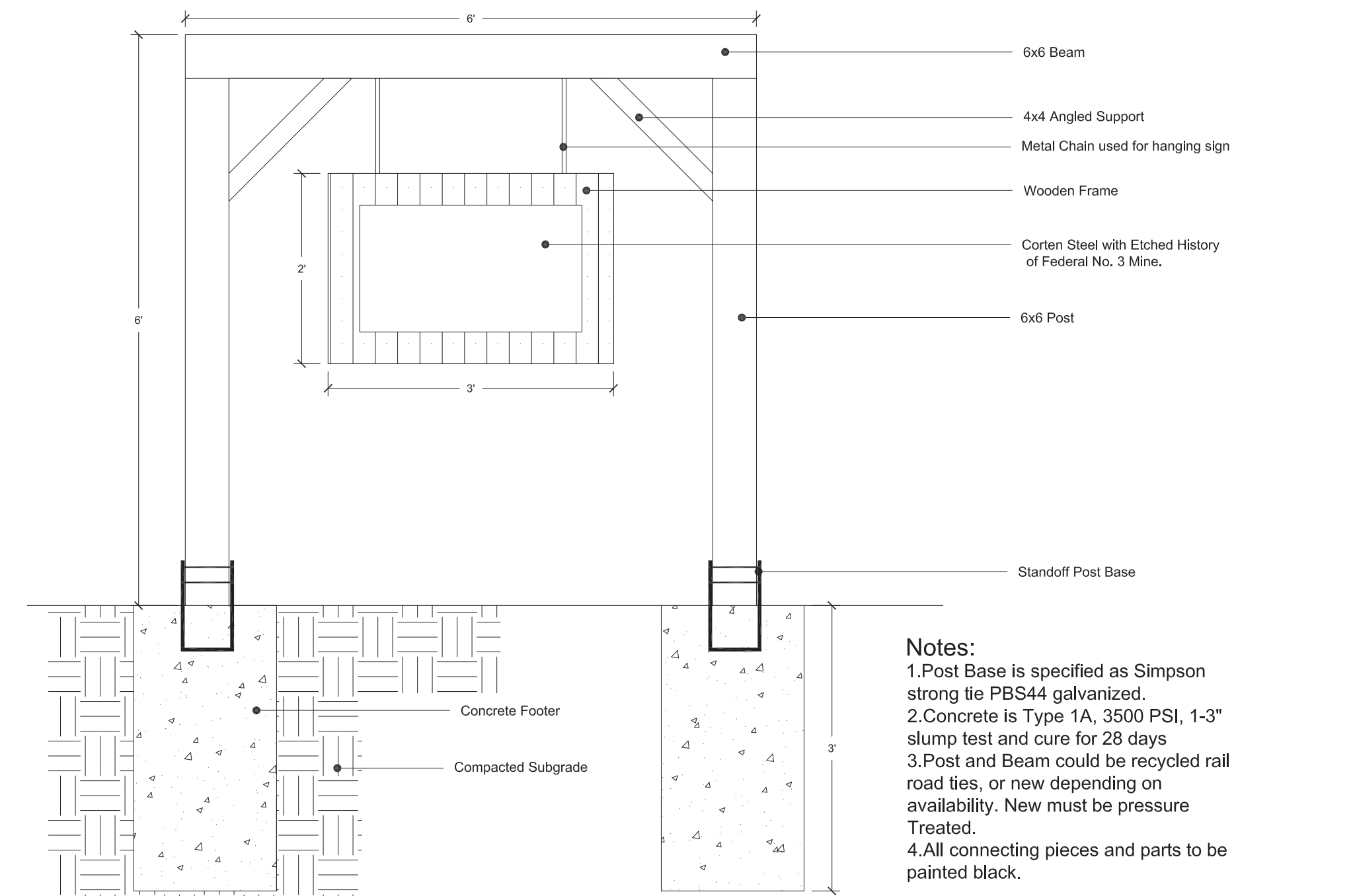
### DETAIL 5: INTERPRETIVE PANELS

Interpretive panels of etched steel are found in the niches along the main park promenade. They are suspended from wood frames similar to those defining the main walk. The panels hang at a level that allows for those visitors using wheelchairs to fully experience the stories of the history of the site.



**Notes:**  
 1. Detail to be typical to Bridge.  
 2. Post Base is specified as Simpson strong tie PBS44 galvanized.  
 3. Concrete is Type 1A, 3500 PSI, 1-3" slump test and cure for 28 days.  
 4. Decking to be connected by 2 1/2" decking screws, 2 per connection.  
 5. All wood is to be surfaced on all 4 sides.  
 6. Surface wood is to be installed bark side up.  
 7. Lumber specified as southern pine pressure treated grade #2 common or better

**4** Portal Decking Detail  
**5** Scale 1/2" = 1'  
 Philip McHenry  
 EHA Memorial Design



**Notes:**  
 1. Post Base is specified as Simpson strong tie PBS44 galvanized.  
 2. Concrete is Type 1A, 3500 PSI, 1-3" slump test and cure for 28 days  
 3. Post and Beam could be recycled rail road ties, or new depending on availability. New must be pressure Treated.  
 4. All connecting pieces and parts to be painted black.

**5** Interpretive Panel Detail  
**5** Scale 3/4" = 1'  
 Philip McHenry  
 EHA Memorial Design

## Materials Palette



**MINERS' MEMORIAL PARK**  
 Everettville, West Virginia  
 for the Everettville Historical Association  
 Peter Butler  
 Assistant Professor of Landscape Architecture  
 Philip McHenry  
 Landscape Architecture Student  
 West Virginia University  
**April 25- 2010**