



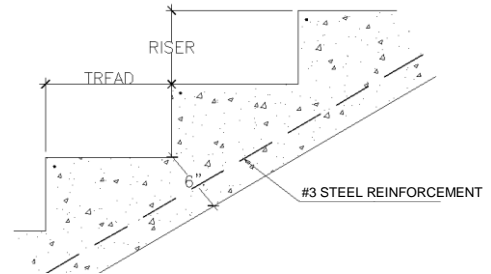
## Standard Flatwork Specifications

**Removal of existing materials:** Unless stated otherwise, all existing materials that need to be removed to accommodate the installation of concrete will be hauled away to an approved dump site. Removal of existing concrete is based on the concrete being 4" thick. If thicker concrete is encountered, there will be an additional cost for removal. You will be notified before this work continues as to what the cost could be.

**Existing soils:** Unless poor soil conditions are obvious and addressed on the Proposal, **OPC** estimates the proposed work based on acceptable soil conditions. When the crew comes out to do your work, our men will check the soils to determine if there are any major soil problems, or poor compaction. If there is any indication that poor soils exist, or if the soil is not compacted, you will be notified. Any removal and installation of acceptable materials will be additional.

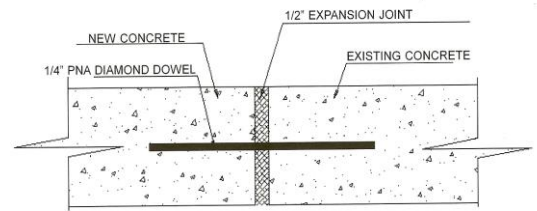
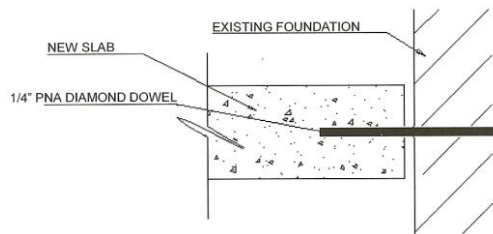
**Compaction:** Upon final grading, **OPC** will operate a vibratory plate compactor over the entire area. This compactor only handles the top 3" to 4", and no more.

**Steps and Railings:** All steps will meet all codes for riser height and tread depth. Risers will not vary in height with each other more than 1/4". All risers will have a 3/8" rebar mat installed in concrete. Railing is not the responsibility of **OPC**



**Connection to existing concrete:** 3/8" rods will be installed into adjoining existing concrete to minimize movement and consequent elevation change between the new and existing flatwork concrete.

**Concrete mix design:** All exterior concrete will be either 5.5 bag limestone mix or 3,500 PSI limestone mix.



**Joints:** Expansion and control joints will be installed according to recommendations by the American Concrete Institute. Expansion will be black 1/2" material located in areas to allow expansion and contraction of concrete. Control joints will be installed during the finishing process, or saw cut immediately after concrete has cured sufficiently.

**Care and cleanup:** **OPC** is extremely careful around your property and lawn. However, placing and finishing concrete will result in some landscape/lawn wear. Unless noted on your proposal, **NO** funds in your proposal from **OPC** are allocated to landscape/lawn repair. It is the customers' responsibility to manage those repairs; if required.

**Reinforcement:** All patios and walks will receive 3/8" rebar at 24" on center each way throughout, and all driveways will receive a mat of 3/8" rebar 24" on center each way. For concrete placements less than 3 1/2" in depth, fiber & 6" x 6" welded wire panels are used for reinforcement.

**Permits:** It is the owner's and General Contractor's responsibility to obtain any required permits.

**Thickness:** Unless noted, all concrete will be 4" thick. Your concrete flatwork has been designed at 4" for light vehicular traffic; i.e. passenger cars, pickups, light passenger vans, etc; If you think that your concrete may in the future ever experience heavier loads than light vehicular traffic, please provide us with the type of traffic you might anticipate and we will be happy to provide an alternate quote for a design to meet those loads.

**The concrete work we are having installed by OPC will receive light vehicular traffic only, and no other heavier loads. Initials \_\_\_\_\_**

**I think this concrete may experience heavier loads than those described for light vehicular traffic and I would like to have a price on concrete that will handle the following types of traffic and loads: \_\_\_\_\_**

**Initials \_\_\_\_\_**

**Sprinkler Lines:** The past 25 years have seen a dramatic increase of sprinkling systems. They present a challenge for OPC when we are driving stakes in the ground for forms. In a nutshell, the problem is that we are not able to locate the existing sprinkling lines unless we excavate everywhere we thought they might exist. This brings us to four (4) options:

1. You, the owner, hand dig and locate all lines near our work marking the line 2' on center with flags.
2. Your sprinkler contractor comes out and marks the lines.
3. OPC excavates and marks the lines at a cost of \$48.00 per hour for the time needed and any materials required.
4. OPC forms the work and drives stakes as needed. After work is completed, your sprinkler contractor pressure checks or runs the sprinklers to check for any damaged lines.

**Important: Ozark Pattern Concrete, Inc.** is not responsible for any costs to repair sprinkler systems damaged in Option #4, or damage to unmarked lines in option 1 & 2. Unfortunately, there are times that we must remove a head or line to facilitate the construction and we never know until we are working on the project. Costs associated with the repairs of these lines will be additional.

**Please select the option that you would like for the sprinkler lines as noted above. Option No: \_\_\_\_\_ Initials \_\_\_\_\_**

**Sprinkling system not present in the work area. Initials \_\_\_\_\_**

**Buried Utilities:** OPC will call Arkansas One Call to mark wires and pipes three days before work begins. Arkansas One Call only marks the service lines that supply the particular utility. Any and all other secondary lines within your property are your responsibility. OPC is not responsible for loss or damage to unmarked wires, pipes, utility lines, etc. It's very important that you the owner make us aware of any lines buried, overhead, or near the proposed construction area, and that these lines are marked by you or your utility contractor.

**There are no utilities that I am aware of. Initials \_\_\_\_\_**

**There are utilities and I have marked them with paint or flags and identified what they are below. Initials \_\_\_\_\_**

I understand and agree to all the Specifications and Qualifications listed above.

Signature

Print Name

Date

**Comments from Owner:**

Please list any concerns that we need to be aware of before work begins on your project.