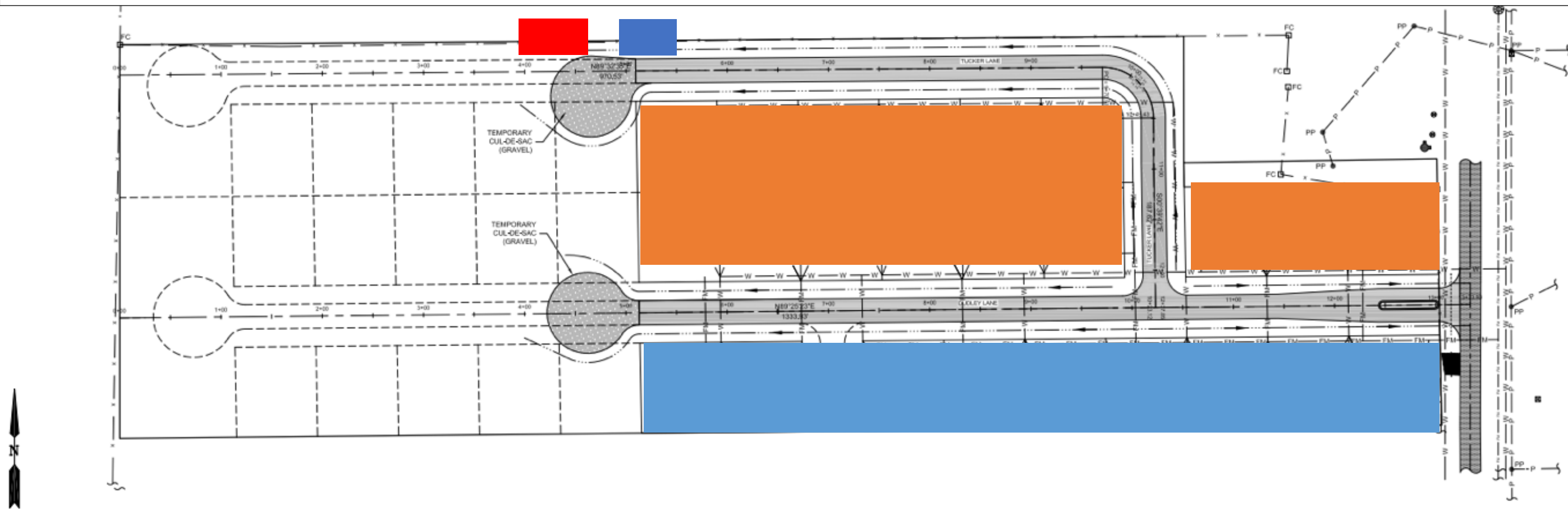


Site Plan Logistics

Pictured below is the developed lot plan for the Habitat for Humanity Construction Project. The entrance into the neighborhood is on the east elevation of the drawing. The location for lay down area as well as equipment storage is said to be on the northwest area of the lot due to the existing shed. As for the decision on the first lots built, typically Habitat builds a shed for each house that also acts as storage during the construction process. In saying this, the heavy equipment will be stored on the northwest area that is used occasionally while the built shed will act as the main component for storage. A temporary road will be developed in the same manner as the permanent road in the site plan. Gravel will be laid down then once completed asphalt can then be placed. The address of this neighborhood is 821 16th Section Road, Starkville, MS 39759.

There will be several different phases when it comes to which lots are constructed. The yellow highlighted lots will be phase 1 then blue lot will be phase two. Note that these houses will not be built all in the same project timeline as habitat does not have the means to do so. The yellow and blue highlighted lots will be the examples of the installation process in the pages above. The red highlighted area is where the existing shed is located. The dark blue highlighted area is where temporary power would be located.

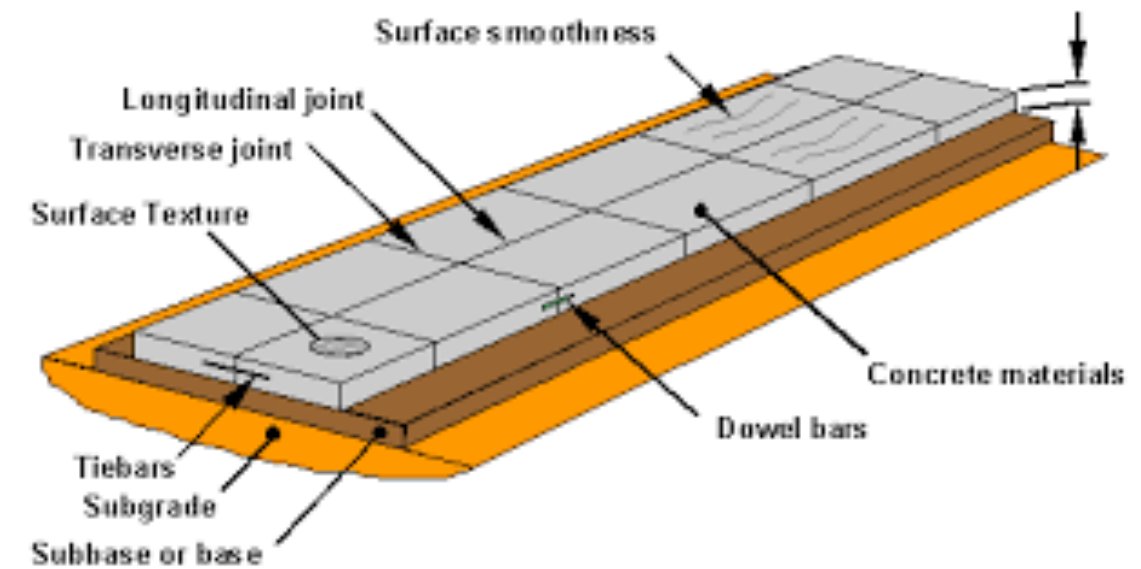
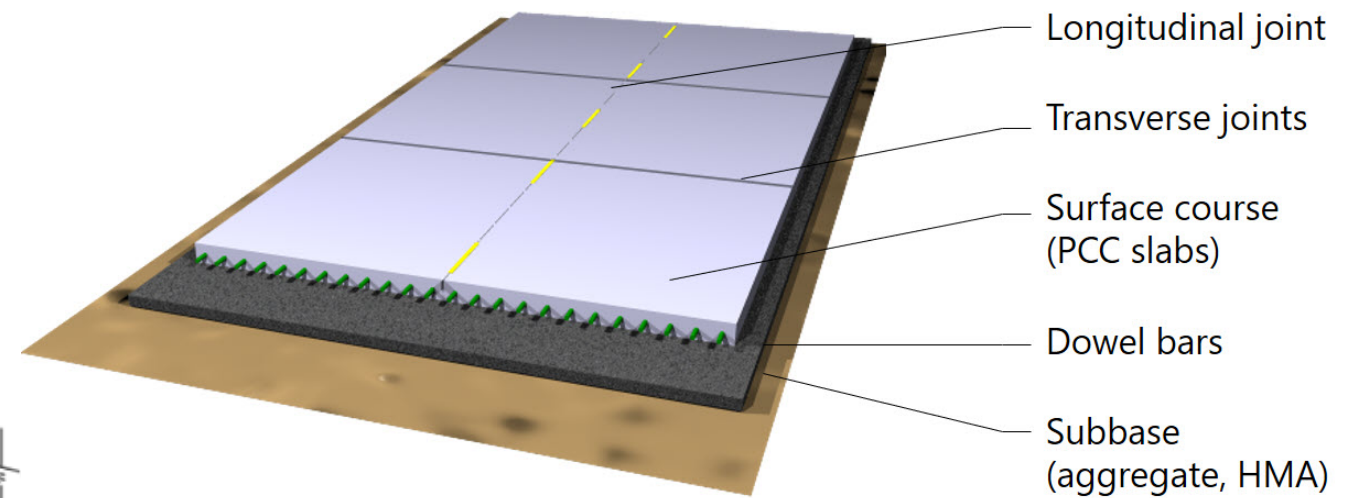


Site Plan Logistics – Road Development

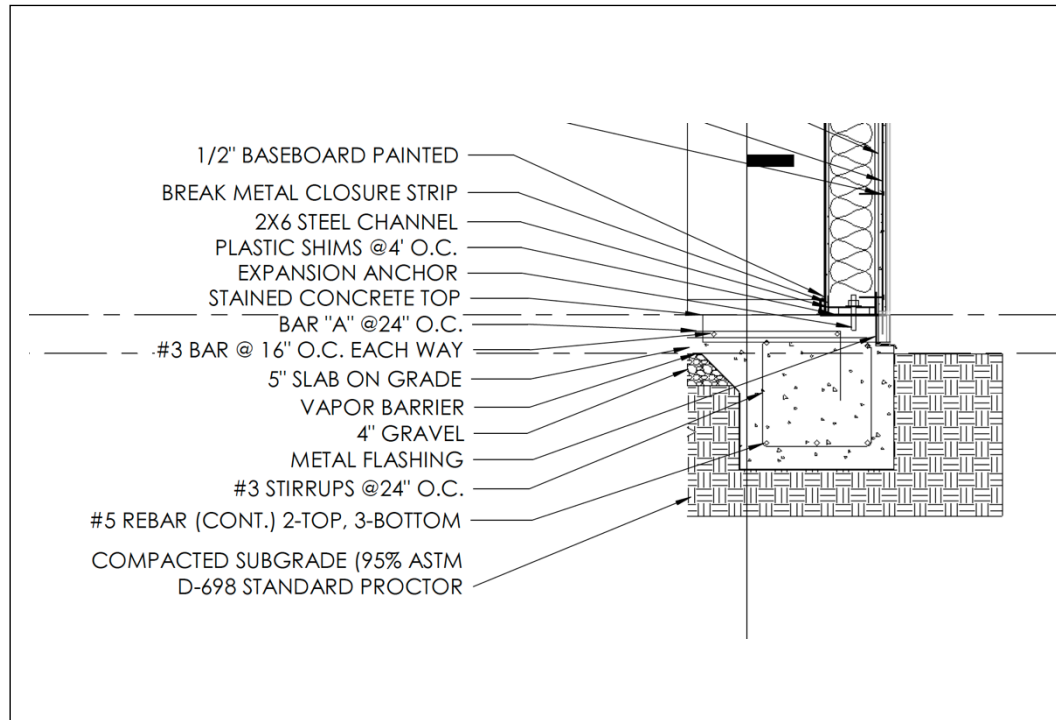
For the road development process for the neighborhood, the roads will be poured based on the phases of the construction. Pictured below is the diagram on how the roads will be sequenced. First the roads will start with the subgrade and have compacted gravel or limestone poured for the first few houses of construction. Once 2 or 3 homes are built the roads will be developed into concrete roads. This will help in not having to repair the concrete roads after construction because of the heavy equipment coming through.

The layers of the sequence of events will also be diagrammed below.

- Phase 1: Subgrade with Limestone or Compacted Gravel ●
- Phase 2: Development of Concrete Roads ●
- Phase 3: Subgrade with Limestone or Compacted Gravel ●
- Phase 4: Development of Concrete Roads ●
- *Finished Homes ●



Panel Installation



Each panel will be taken off the truck and loaded onto the boom truck (shown to the left). Once the Panel is ready to be placed on the slab, the anchor bolts from the slab will be attached to the panel. There will also need to be a support beam to add as stability while the other panels are being placed and to ensure the structure is leveled.