

## Scott Weeks

---

**From:** speewells <speewells@bellsouth.net>  
**Sent:** Saturday, August 15, 2015 9:30 AM  
**To:** Scott Weeks  
**Cc:** Greg Miller; Shannon Wells; Office; Philip Thurman; Eric Smith; chris@brossette.us  
**Subject:** Phase II Parking Improvements for Vertical Church, 521 Gluckstadt Road  
**Attachments:** Vertical Church detention calculations-081515.pdf; Parking Requirements per County Zoning Ordianance.pdf; Phase II Parking Plan-REVISED-080815.pdf

Scott,

As requested, attached are storm water detention calculations for Vertical Church. This calculations incorporate all of the site and building improvements proposed on the original civil plans submitted to the County around 2010. At that time the submittal was made for Lifebridge Church, which has since been renamed Vertical Church.

The calculations support that the existing detention facility was adequately constructed to detain post-construction storm water runoff from impervious surfaces produced by the 2-year, 5-year, 10-year, 25-year, 50-year, and 100-year storm events. For my impervious area calculations, I used a preliminary site plan that shows 2 buildings and 306 parking spaces. We have only one building and 92 parking spaces currently in place. As we previously discussed, we are not proposing any building improvements at this time. We are only proposing the addition of 84 parking spaces; therefore the detention facility is adequate for the addition of future parking beyond Phase II, should the need occur.

The total number of parking spaces after the current expansion will be 174. This includes 6 existing handicap spaces. ADA regulations will permit 6 handicap spaces up to a total of 200 parking spaces. According to the parking requirements published on the County's website (see the top of page 114 of the attached), 1 parking space is required for every 5 seats. We have chairs in our worship facility; we do not have pews. Based on the current number of chairs that we have laid out in our worship facility and an estimate of the remaining space in the rear, the maximum number of chairs that can be possibly be placed in our facility is 336. According to the County's parking requirements, 67 parking spaces are required. After our expansion is completed, we will be well over twice that. And we have never had a need for 336 chairs for a service - we don't have that many chairs.

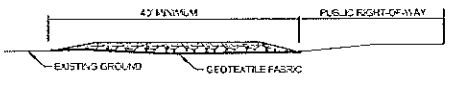
I have also attached the site/grading plan that I have distributed to Contractors for pricing. I believe the only change from what I previously sent you pertains to the pavement structure.

We intend to construct our parking improvements before the rainy season starts; therefore, at your earliest convenience I need to know if any additional information or permits are required

from the County prior to beginning construction. Please provide an email response and call me at 601.605.1285 if you have questions or comments.

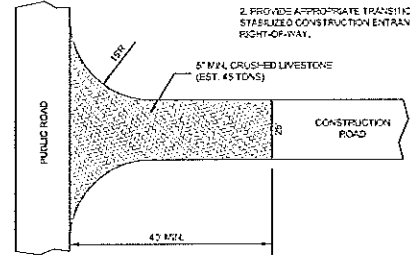
Thank you Scott.

Shannon Wells

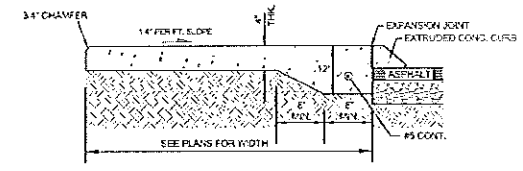


**PROFILE VIEW**

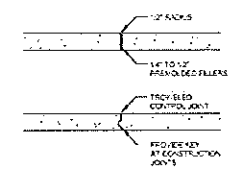
NOTES:  
 1. SEPARATION GEOTEXTILE FABRIC PROVIDED FOR FULL WIDTH AND LENGTH OF ENTRANCE.  
 2. PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC RIGHT-OF-WAY.



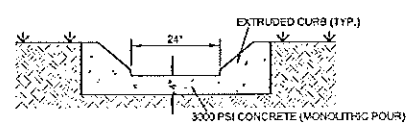
**TEMPORARY CONSTRUCTION ENTRANCE DETAIL**



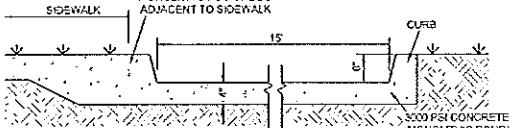
**SIDEWALK DETAIL**



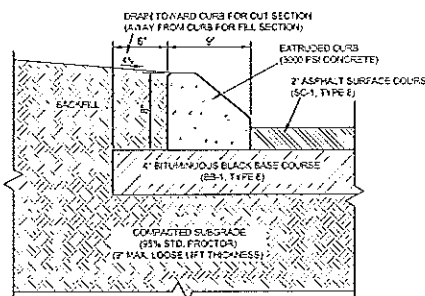
**TYPICAL SIDEWALK JOINTS**



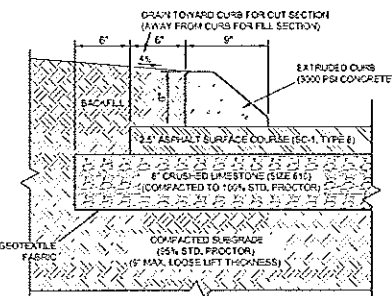
**CURB BREAK DETAIL FOR PARKING LOT ISLANDS**



**PAVED FLUME DETAIL**

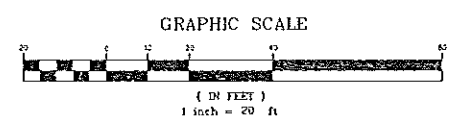
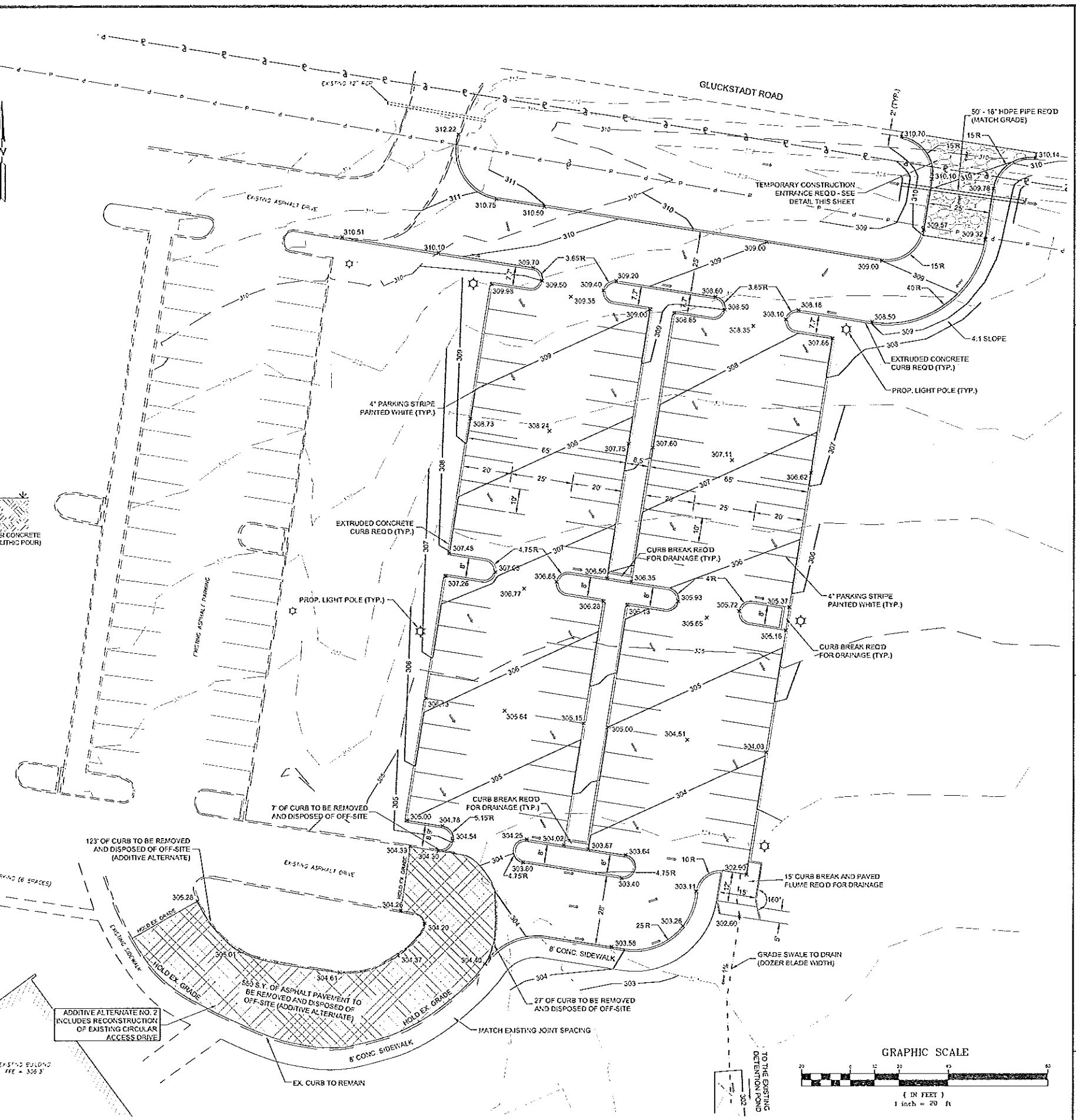


**PAVEMENT STRUCTURE AND EXTRUDED CURB DETAIL (BASE BID)**



**PAVEMENT STRUCTURE AND EXTRUDED CURB DETAIL (ADDITIVE ALTERNATE NO. 1)**

- NOTES:**
- UNDERGROUND UTILITIES ARE NOT SHOWN ON THIS PLAN. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE MISSISSIPPI ONE-CALL NETWORK (1-800-227-6477) FOR LOCATION OF EXISTING UNDERGROUND UTILITIES.
  - ALL EXISTING ROADWAYS ARE TO BE SWEEPED FREE OF SEDIMENT AND DEBRIS DAILY.
  - FINAL STABILIZATION IS TO BE ACHIEVED BY SEEDING, FERTILIZING, AND MULCHING ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, AND ENSURING THAT A COMPLETE STAND OF GRASS IS ESTABLISHED.
  - CONTRACTOR SHALL TAKE WHATEVER STEPS NECESSARY TO ENSURE THAT POSITIVE DRAINAGE OCCURS ON ALL AREAS OF PROJECT SITE DURING ALL STAGES OF CONSTRUCTION.
  - PARKING STRIPING SHALL NOT BE PLACED WITHIN 14 DAYS OF PLACEMENT OF FINAL LIFT OF ASPHALT SURFACE COURSE.
  - FINISHED CONTOURS REPRESENT ELEVATIONS AT THE COMPLETION OF PAVING, GRADING, AND REPLACEMENT OF TOPSOIL. SPOT ELEVATIONS SHOWN ADJACENT TO CURB ARE REFERENCED TO EDGE OF PAVEMENT.



CAD FILE: VERTICAL.CHUCKLING  
 CDE PROJ: 52942032  
 SCALE: 1" = 20'  
 DATE: AUG. 2015  
 CHECKED: RTB  
 DRAWN BY: ASW

Prepared By:  
 Shannon Wells  
 491 Caroline Blvd.  
 Madison, MS 39110

Prepared For:  
 Vertical Church  
 521 Gluckstadt Road  
 Madison, MS 39110

Grading Plan  
 for  
 Phase II Parking Improvements

SHEET NO.  
 1.1