

District One Permits – REVIEW COMMENTS



PERMIT ID:	200058686	ROAD/ROUTES:	Fernandina Road (S-1842)		
COUNTY:	Lexington	PERMIT DESCRIPTION:	Office building		
SUBMITTAL TYPE:	Commercial	APPLICANT:	Terminix	ENGINEER:	Power Engineering
REVIEWED BY :	District One	REVIEW COMPLETION DATE:	November 14, 2018		

COMMENT #	REFERENCE (SHT #, ETC.)	SCDOT COMMENTS	ENGINEER/APPLICANT RESPONSE ¹	STATUS ²
1.	General	Coordinate with Brian Klauk of SCDOT as necessary in regards to how Carolina Crossroads will affect this property.	See attached Email from Mead and Hunt	5
2.	General	Include future R/W location on plans and dimension throat length from new edge of travel to new R/W line.	Shown	5
2.1	General	Current plans show proposed parking within future R/W. Adjust plans to ensure no parking is located within R/W or provide appropriate justification. Show with new building location per recent correspondence.	Per Berry Still with Mead Hunt the ROW shown is the absolute worst case scenario and not likely to happen. He and Brian Klauk felt comfortable enough in this that they were going to allow the building to be 6.0' across the ROW line shown. Terminix was the one who made the call to move the building. That being said we request that half a parking space be allowed across the line.	4
3.	C2.0	Show and call out the removal of existing HDPE within R/W.	Revised.	5
4.	General	Add note to plans: ditch along property frontage to be re-graded and grassed in accordance with SCDOT standards.	Added to Page C3.0.	5
5.	C3.0/General	Access widths should be revised to provide a minimum 24' width, not including the gutter line. <ul style="list-style-type: none"> SCDOT recommends a 26' access width (14' ingress lane with 12' egress lane) 	Revised.	5

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5.1	C3.0	Dimension individual lane widths.	Revised.	5
5.2	C3.0	Show internal traffic operations control to maintain free flow of incoming traffic (i.e. stop bar on internal perpendicular drives, etc.).	Added. See Page C3.0	5
6.	General	Has consideration been given to flipping Drive “B” to align with adjacent drive aisle to gain greater separation between this access and the nearest northwestern access?	Tractor trailers are not able to navigate our parking lot if drive B is moved.	4
7.	General	Show all existing adjacent commercial and residential accesses within influence of project.	Shown on Pages C2.0 and C3.0.	5
8.	General	Provide all adequate roadway information (name, road number, speed limit, right of way, etc.).	Revised. See Page C3.0.	5
9.	General	Currently proposed mini skips at accesses will not be required for this project. The existing white edge line along Fernandina may remain. Revise accordingly.	Revised.	5
10.	C3.0	What is the narrow strip of concrete shown along the parcel’s frontage?	Strip is not concrete – It’s an existing easement. Label added on Page C3.0.	4
11.	C3.0	Label proposed stop signs as 30” R1-1-30 stop signs.	Revised.	5
12.	C3.0	Add Note: All markings within SCDOT ROW shall be thermoplastic (or epoxy if concrete) or approved permanent equivalent.	Added to Page C3.0.	5
13.	C3.0	Dimension spacing between both proposed accesses.	Added.	5
14.	C3.0	Dimension throat length on plan.	Added.	5

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15.1	C3.0	Throat length doesn't appear to have been dimensioned.	Revised.	5
15.	C3.0	Dimension distance between stop bar and edge of travel way.	Added.	5
16.	General	Provide shaded sight distance exhibits per Figure 7-23 in the ARMS Manual. <ul style="list-style-type: none"> These can be separate of the construction set Provide indication of clearing if necessary to achieve sight distance 	Attached	5
16.1	General	Show brick fencing on property to the southeast. Concerned for potential sight distance conflict.	This drive is in the exact location of the existing driveway. We are only making the situation better by the removal of 2 other drives and widening our new drives. There have been no reported issues with sight distance over the last 30+ years of use.	4
17.	C3.0	Revise access profile per ARMS manual Section 3B-3. <ul style="list-style-type: none"> Provide dimension from top of culvert to bottom of asphalt section; provide adequate cover in accordance with standard drawing 714-205-02 Label proposed class type of RCP Ensure all proposed and existing grades are called out and labeled Show/label edge of pavement of Fernandina Rd and SCDOT ROW 	Revised.	5
18.1	C3.0	Label (i.e. provide values) all existing and proposed grades on access profiles.	Revised.	5

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18.	General	Reference appropriate SCDOT standard drawing for shoulder closure operations.	Added to details on Page C7.4.	5
18.1	General	Standard drawing provided is for lane closure operations. Reference appropriate standard drawing for shoulder closure operations.	Revised.	5
19.	Drainage	Provide signed and sealed drainage calculations as related to SCDOT ROW for the 2, 10, and 25-year storm events. <ul style="list-style-type: none"> Calculations should provide a short narrative to explain existing conditions and how stormwater is being collected in the post-development conditions Calculations must provide an analysis of the pre-development conditions for each storm event 	A drainage statement and pre development calculations/maps were uploaded with the first submittal. Our new design routes almost the entire site to the rear of the property and into 2 storm water pond to be treated for detention/water quality. In the predevelopment almost half of the site drains to the SCDOT ROW with no detention.	4
19.1	Drainage	Provide updated signed and sealed drainage calculations as necessary for new building design.	The building and parking were shifted 6' back -- This has little to no effect on the already submitted drainage calculations.	4
20.	General	Add note to plans/construction notes: Contractor shall be responsible for utilizing all applicable and current SCDOT standard drawings including, but not limited to, the drawings included or referenced within these plans and the approved permit package.	Added to Page C3.0	5
21.	General	Add note to plans/construction notes: Upon substantial project completion, Contractor to clear existing culverts/pipes, catch basins, and ditches along frontage and downstream as necessary to achieve positive drainage.	Added to Page C3.0.	5
22.	General	Provide signed and sealed access waivers for proposed/existing features that do not meet minimum requirements as outlined in the ARMS and	Attached.	5

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		other SCDOT guidelines (i.e. driveway spacing, throat length, etc.).		
22.1	General	Remove references to throat length from access waiver unless a substandard throat length is proposed.	Revised.	5
23.	General	If applicable, provide copy of approval letter from the city and/or county planning department.	Submitted. Note: County Approval Letter and SCDHEC Letter are combined into one document.	5
24.	General	If applicable, Provide copy of SCDHEC acceptance letter.	Submitted. Note: County Approval Letter and SCDHEC Letter are combined into one document.	5
25.	Utility	Advisory: Any utility work within ROW shall be applied for separately by controlling entity. <ul style="list-style-type: none"> Appropriate pavement repair and traffic control should accompany this permit. 	Noted.	5
26.	General	Update cost estimate as necessary based upon above comments.	Attached.	5
27.	General	Once cost estimate has been reviewed and approved, the developer will be required to provide a performance bond or letter of credit. The amount of the bond shall be equal to 1.5 times the estimated construction cost, or \$5,000.00, whichever is greater. <ul style="list-style-type: none"> Original bond or letter of credit should be sent to District One Engineering at 1400 Shop Road, Columbia, SC 29201 to the attention of Tyler Clark 	Owner is in process of getting bond. Once they have the original, we will deliver to 1400 Shop Road.	5
28.	General	Asphalt section within ROW and future ROW may be revised to newer permit asphalt standards (less stringent). See attached document.	Contractor has already provided bid for previous standards; so previous standards will be used.	5

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29.	General	Provide original bond or letter of credit in the amount of \$42,658.50.		5

Notes:

1. This section is to be completed by the **ENGINEER OF RECORD** or his/her designee.
2. The status will be completed by **DISTRICT PERMIT** personnel.
3. Future plans should include revision comments and dates.
4. Provide comment responses within this matrix for all revision submittals.
5. Additional comments may follow pending each revision resubmittal.
6. Save this form as a Word document, not Adobe PDF.