

To: Galen Jamison
From: Jeff Walton, Associate Planner; 910-341-3260
CC: File;
Date: 11/6/2013
Re: COW Fire Station 3 Cinema Drive

The following is a list of comments for review from planning regarding the project. Please provide your corrections as listed below. Additional review will be required once all the needed documents have been provided. Items or documents not provided on initial submission will be subject to further review. Please contact me for any further questions.

Site Plan Comments:

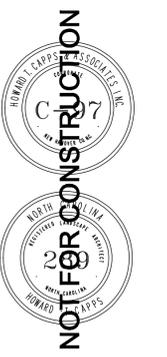
- Note C-504 to C-508 are not required to be part of city sets for approval, please do not include. CFPUA is a separate review.
- Sec. 18-60 (c) (5): Additional information is the site data table as follows:
 - CAMA land use classification “Urban”
- Sec. 18-60 (c) (12) (13): Show of adjacent properties land use including across the street.
- Show bicycle parking compliance.
 - I see the location of bike rack, include in data table that a 5 slot bike rack will be provided.
- Tree removal:
 - Some trees were not listed for removal or preservation. I have included a redline showing trees.
 - Need to show proposed tree protection fencing for all preserved trees. Maybe you can show this on the existing conditions map of the trees to be preserved with fencing and an X of those to be removed. Its shown on the landscape plan but fencing is not shown.
- A tree removal permit is required and fee, please include on your next submittal.
- Sec. 18-273. Government uses outside public rights-of-way, except offices.
 - No site or building lighting shall fall onto adjacent properties.
 - Please provide a lighting plan showing compliance, if lighting is proposed.
- All federal, state and local permits are required prior to full construction release. This includes, but is not limited to: state storm water, wetland disturbance permits, city storm water, tree protection permits, etc.
- Permitting through CFPUA, County Erosion Control and County Building Inspections can proceed at any time.

Landscape Plan:

- The interior area of a parking facility shall be shaded by canopy trees either planted or retained to provide twenty (20) percent or greater canopy coverage at maturity. For purposes of this section, a parking facility shall include any areas of a development

devoted to pedestrian or vehicular use, including but not limited to parking areas, loading spaces, automobile sales lots, driveways and internal drive aisles. The following standards shall apply to interior parking area landscaping:

- For purposes of determining if the landscape plan meets the shading requirements of this section, each canopy tree of the type described in this section shall be presumed to shade a circular area of seven hundred and seven (707) square feet (based on having a canopy radius of fifteen (15) feet with the trunk of the tree as the center). When smaller shade trees are planted, each tree shall be presumed to shade a circular area of three hundred and fourteen (314) square feet (based on having a canopy radius of ten (10) feet). Perimeter trees shall be given credit for that portion of the circumference that intersects the parking area. Using this standard, twenty (20) percent of the parking facility area must have canopy coverage. For existing trees, credit shall be given for the actual canopy overhanging the parking facility. The trees counted toward meeting the shading requirement shall be indicated and calculations shall be shown on the site plan.
- The legend will need to be tweaked for your planting schedule. Can you separate into four categories: 1. Large Shade Tree 2. Small Shade tree 3. Shrubs 4. Groundcovers.
- Sec. 18-462 (d) (5): Please add a data table to the landscape plan showing required/provided: streetyard, parking lot landscaping and foundation plantings compliance.
- Sec. 18-462 (d) (4): Show note on plan stating that prior to any clearing, grading, or construction activity, tree protection fencing will be installed around protected trees or groves of trees. And no construction workers, tools, materials or vehicles are permitted within the tree protection fencing.



PROJECT TITLE
FIRE STATION No. 3
 114 CINEMA DRIVE
 WILMINGTON, NC 28403

SHEET TITLE
LANDSCAPE PLAN

ISSUE BLOCK		
MARK	DATE	DESCRIPTION
X	X	
PROJECT NO: 2012169.00		
DATE: 10/28/2013		
SCALE:		
DRAWN BY: RHC		PROJ MGR: HTC
L1		
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KEY NO.	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT	CAL.	HT.	REMARKS
1	2	QUERCUS VIRGINIANA	LIVE OAK	WB	2 1/2"-3"	10'-12'	
2	9	PRUNUS SEROTINA	YOSHINO CHERRY	WB	2 1/2"-3"	10'-12'	
3	6	LAGERSTROEMIA INDICA	CREPE MYRTLE	WB	8'-10'	VAR. MUSKAGEE	
4	1	ACER PALMATUM	JAPANESE MAPLE	25 GAL	2 1/2"	8'-0"	VAR. BLOODGOOD
5	20	OPHIOPOGON JAPONICUS	MONDO GRASS	1 GAL			1" O.C.
6	55	ILEX VOMITORIA NANA	DWARF YAUPOIN	3 GAL			4" O.C.
7	54	JUNPERUS DAURICA PARSONI	PARSONS JUNPER	3 GAL			5" O.C.
8	21	PITTIOSPORUM TOBIRA	PITTIOSPORUM	7 GAL			8" O.C.
9	38	PITTIOSPORUM TOBIRA NANA	WHEELER'S DWARF	3 GAL			3" O.C.
10	57	HEMEROCALLIS HYBRIDA	DAYLILLY	1 GAL			3" O.C. STELLA DORE
11	10	HEMEROCALLIS HYBRIDA	DAYLILLY	1 GAL			3" O.C. HYPERION
12	115	MULLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3 GAL			2" O.C.
13	17	CALAMAGROSTIS BRACHYTRICHA	KOREAN FEATHER REED GRASS	1 GAL			2" O.C.
14	6	PANICUM VIRGATUM	CLOUD NINE TALL SWITCHGRASS	3 GAL			3" O.C.
15	49	PENNISETUM ALOPECUROIDES "CLASSIC"	DWARF FOUNTAIN GRASS	3 GAL			3" O.C.
16	7	PENNISETUM ALOPECUROIDES "DOKTROT"	GIANT FOUNTAIN GRASS	3 GAL			3" O.C.
17	38	OSMANTHUS X FORTUNEI	FORTUNE TEA OLIVE	10 GAL			6" O.C.
18	14	PIRACANTHA COCCINEA	SCARLET FIRETHORN	7 GAL			8" O.C.

NOTE:
 The key number refers to the Plant List. Where there is only one number, it is the key number and the Quantity is one. Where there are two numbers connected by a dash, the first is the key number and the second is the quantity required for the planting bed indicated.

B&B = Ball and Burlap
WB = Wire Basket
Cont. = Container grown

All plant bed areas shall be covered in a minimum of 3" of premium chocolate mulch. (Sample & source to be provided to landscape architect for approval)

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND FLAGGING ALL UNDERGROUND UTILITIES PRIOR TO PROCEEDING WITH ANY EXCAVATION WORK. IF ANY DAMAGE IS DONE TO EXISTING OR NEW UTILITIES, ALL NECESSARY REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO COST TO THE OWNER.

CALL: 1-800-632-4949 TO LOCATE UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION. GAS LINES ARE LOCATED ON SITE. CONTRACTOR TO VERIFY WITH OWNER OR OWNERS REPRESENTATIVE PRIOR TO PROCEEDING WITH ANY EXCAVATION.

NOTE:
 THE PLANT QUANTITIES SHOWN ON THE PLANT LIST ARE PROVIDED AS A CONVENIENCE TO THE CONTRACTOR. IN THE EVENT THERE IS A DIFFERENCE IN QUANTITY BETWEEN PLANT QUANTITIES IN THE PLANT LIST AND PLANT QUANTITIES ON THE PLAN, THE CONTRACTOR SHALL USE THE QUANTITY SHOWN ON THE PLAN. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY QUANTITY DIFFERENCE.

SEE CIVIL DRAWING FOR LOCATION AND DETAIL OF TREE PROTECTION FENCING

TREE SIZE & TYPE	S	R	A	REASON
18" PINE		•		IN DRIVEWAY
18" PINE		•		IN DRIVEWAY
18" PINE		•		IN DRIVEWAY
12" PINE		•		IN DRIVEWAY
18" PINE		•		IN DRIVEWAY
20" PINE		•		IN DRIVEWAY
12" PINE		•		IN DRIVEWAY
14" PINE		•		IN DRIVEWAY
3-8" SWEET GUM		•		IN DRIVEWAY
18" PINE		•		IN DRIVEWAY
12" OAK		•		IN DRIVEWAY
6" MAGNOLIA		•		IN DRIVEWAY
12" OAK		•		IN DRIVEWAY
12" OAK		•		IN DRIVEWAY
18" SWEET GUM		•		IN DRIVEWAY
18" SWEET GUM		•		IN DRIVEWAY
18" SWEET GUM		•		IN DRIVEWAY
20" SWEET GUM		•		IN DRIVEWAY
15" SWEET GUM		•		IN DRIVEWAY
NO SIZE SWEET GUM		•		IN DRIVEWAY BACK OF BLDG.
16" DAK		•		IN BUILDING FOOTPRINT
12" PINE		•		IN BUILDING FOOTPRINT
18" PINE		•		IN BUILDING FOOTPRINT
18" PINE		•		IN DRIVEWAY
18" PINE		•		IN DRIVEWAY
20" SWEET GUM		•		IN BUILDING FOOTPRINT
14" DAK		•		IN BUILDING FOOTPRINT
22" PINE		•		IN BUILDING FOOTPRINT
18" MAPLE		•		IN BUILDING FOOTPRINT
16" SWEET GUM		•		IN BUILDING FOOTPRINT
12" SWEET GUM		•		IN BUILDING FOOTPRINT
2-16" PINE		•		IN DRIVEWAY
12" DAK		•		IN BUILDING FOOTPRINT
16" PINE		•		IN DRIVEWAY
16" PINE		•		IN DRIVEWAY
18" PINE		•		IN DRIVEWAY
2-16" PINE		•		IN DRIVEWAY
16" SWEET GUM		•		IN BUILDING FOOTPRINT
16" SWEET GUM		•		IN DRIVEWAY
18" PINE		•		IN DRIVEWAY
10" SWEET GUM		•		IN DRIVEWAY
12" SWEET GUM		•		IN DRIVEWAY
18" PINE		•		IN DRIVEWAY
16" SWEET GUM		•		IN BUILDING FOOTPRINT
16" DAK		•		IN BUILDING FOOTPRINT
12" CEDAR		•		IN BUILDING FOOTPRINT
20" PINE		•		LIGHTNING DAMAGE
16" DAK		•		LARGE ROTTED SPOT
16" DAK		•		LARGE CAVITY IN BASE
24" DAK		•		REMOVE RIGHT SIDE OF TREE
8" DAK NEAR DRIVE		•		REMOVE / TREE ON DIRT BALL
18" CYPRESS		•		REMOVE DUE TO GRADING
12" SWEET GUM		•		CAVITY AT BASE OF TREE
12" SWEET GUM		•		CAVITY / INCLUDED BARK
12" SWEET GUM		•		BARK MISSING / DECAY
16" GUM		•		LEANING TOWARD PARKING LOT
30" DAK		•		REMOVE / TO CLOSE TO DRIVEWAY
10" SWEET GUM		•		REMOVE / ROOM FOR 16" SWEET GUM

S = SIGNIFICANT TREE
 R = REGULATED TREE
 A = REMOVED BASED ON CITY ARBORIST COMMENT

