

**C•F•Z Group, LLC**  
Coltrane•Fernandez•Zavala  
**Landscape Architects**  
7410 John Smith, #208  
San Antonio, Texas 78229  
210-366-1911

**ADDENDUM NO. 02**

**PROJECT NAME: McAllister Park**  
**PROJECT NO.: 12-783, ID No. 40-00375**  
**DATE: February 2, 2015**

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To: All Prime Contract Bidders and all others to whom drawings and specifications have been issued.

This Addendum forms a part of the Contract Documents. This Addendum modifies and supplements the Contract Documents as follows for the above mentioned project. All other provisions of the Documents remain unchanged.

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**GENERAL CHANGES**

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Item No. 1: Addition of unissued sheet for Tree Preservation drawings

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**CHANGES TO SPECIFICATIONS**

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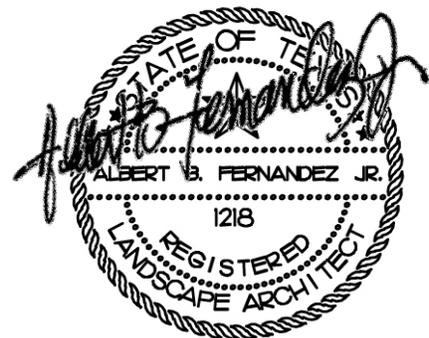
N/A

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**CHANGES TO DRAWINGS**

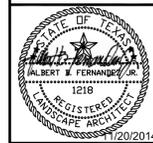
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Item No. 2: Sheet L3.19 – Tree Preservation Calculations  
Add in its entirety Sheet L3.19, dated February 2, 2015



**END OF ADDENDUM No. 2**

**2/2/2015**



DRAWN: SDT  
CHECKED: ABF  
DATE: 11-20-14  
JOB NO. 12-783  
REVISIONS:  
02/02/15  
ADDENDUM NO. 2

SHEET TITLE  
TREE  
PRESERVATION  
CALCULATIONS

SHEET NO.

L3.19

SHEET \_\_\_ OF \_\_\_

**PROJECT TOTAL**

**TREE STAND DELINEATION**

Total existing canopy on project sites: 1,847,275 SF  
80% Required to be protected: 1,477,820 SF  
Existing canopy to be removed 3,301 SF  
Total square footage of canopy to remain: 1,843,974 SF (99.8%)

**TREE CANOPY REQUIREMENTS**

Total site square footage: 2,282,852 SF  
25% Canopy required: 570,713 SF  
Existing canopy to remain: 1,839,524 SF  
Total canopy provided: 1,839,524 SF (80.6%)

**TREE PRESERVATION NOTES**

- Tree survey information is based on Site Survey prepared by FFW Engineers, San Antonio, TX.
- Existing trees and understory are to be selectively retained as directed by Landscape Architect. Trees to remain shall include protected trees 6" caliper and larger, and small species trees 2" and larger.
- All conditions necessitating the removal or pruning of a tree shall be reviewed by Landscape Architect. The locations of any improvements with the potential of impacting trees shall be staked/delineated prior to the field review.
- Barricade fencing shall be placed to protect RPZ of all trees to remain that are adjacent to construction or disturbed areas unless otherwise approved by Landscape Architect to provide access to work. In these instances the minimum distance for barricade fencing from trunk shall be equal to 50% minimum of RPZ. Five foot (5'-0") from trunk of tree or clump of trees is allowed on one side of the tree with approved alternative construction methods only. Full RPZ is required on other side. Approval from City Arborist/Tree Inspector is required. Refer to detail 2/L5.0 for tree barricade fencing.
- Maximum clearing limit within selective clearing areas around buildings to provide access for construction is 15'-0".
- Existing trees of acceptable species to remain within selectively cleared areas shall be 4" diameter & greater or as directed & identified in the field. Acceptable trees & understory species that may be retained shall include, but is not limited to, Texas Sophora, Common Hop Tree, Texas Columbrina, Blumwood Condalia, Prickly Pear, Gum Bumella, Texas Persimmon, Texas Mt. Laurel, Cedar Elm, Parkensonia, Hulsache, Mesquite, Live Oak, Texas Red Oak.
- Root Protection Zone (RPZ): RPZ requirements are defined as 12" diameter per 1" caliper of trunk at 42" height (Diameter Breast Height, DBH). Minimum RPZ requirements are 6" to each 1" caliper at DBH or 5' to trunk whichever is greater.
- Protected & heritage trees shall be removed only under the following situations:
  - Approval from City Arborist (207-0278) is required for removal of any significant/heritage tree.
  - Cut/fill greater than three (3") inches to take place beneath the dripline of a tree exceeds 50% of the Root Protection Zone (RPZ).
  - Construction of a building or other improvements require the removal of more than 30% of the viable portion of a tree crown.
  - Poor condition of tree.
- No equipment, vehicles or materials shall be operated or stored within the root protection zone. No clean-out areas will be constructed so that the material will be in or migrate to the root protection zone.
- Roots or branches in conflict with construction shall be cut cleanly according to proper pruning methods. All Oak wounds shall be painted within 30 minutes to prevent Oak Wilt Infection.
- Exposed roots shall be covered at the end of the work day using techniques such as covering with soil, mulch or wet burlap.
- All woody material to be removed may be chipped into mulch & distributed on site within RPZ's at trees adjacent to construction & natural areas.
- Trees which are damaged or lost due to contractor's negligence during construction shall be mitigated.
- In addition, existing protected trees on a project are to be maintained in a healthy condition at all times. This includes irrigating, fertilizing, pruning and other maintenance as needed on the project. Trees that die within twelve (12) months shall be replaced at a ratio of inch per inch for significant trees and at 3:1 for heritage trees per the Unified Development Code 35-523, Table 523-2.
- Contractor is responsible for providing a licensed tree maintenance professional throughout the project per City Ordinance, Part 11, Chapter 21, Article VIII 21-171.
- Contractor shall verify limits of construction in all project areas. Any issues or conflicts between limits of work shown on plans and existing protected trees shall be brought the attention of Landscape Architect prior to commencement of work in that area.
- Contractor to provide signage at points of trail entry to alert users to construction prior to accessing trail. Refer to specifications section 015000 Temporary Facilities and Erosion Controls.

NOTE: See sheet L3.19 for Tree Preservation Schedule and Project total calculations.

TREE PRESERVATION SCHEDULE				TREES 6"+						SMALL TREE SPECIES 2"+				TREES 2.5" - <6"	TREE CANOPY SQUARE FOOTAGE	LANDSCAPE ORDINANCE APPLICATION		
TREE NUMBER	DIAMETER BREASt HEIGHT	SPECIES	FIELD NOTE	SIGNIFICANT TREES 6" - <24" (@40% MIN.)		SIGNIFICANT TREES 10" - <24" (@40% MIN.)		HERITAGE TREES 24"+ (@100%)			SIGNIFICANT TREES 5" - <12" (@40% MIN.)		HERITAGE TREES 12"+ (@100%)		TO REMAIN			
				TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED (3:1)	TO BE REMOVED (1:1)	TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED				
117	48"	Live Oak							48									
118	48"	Live Oak							48									
132	36"	Live Oak							36									
133	40"	Live Oak							40									
145	24"	Live Oak							24									
148	24"	Live Oak							24									
195	26"	Cedar Elm							26									
453	32"	Live Oak							32									
477	36"	Cedar Elm							36									
635	35"	Live Oak							35									
638	36"	Live Oak							36									
639	30"	Live Oak							30									
640	30"	Live Oak							30									
743	30"	Live Oak							30									
744	30"	Live Oak							30									
757	36"	Live Oak							36									
759	40"	Live Oak							40									
760	40"	Live Oak							40									
826	30"	Live Oak							30									
935	28"	Live Oak							28									
936	30"	Live Oak							30									
938	36"	Live Oak							36									
962	25"	Live Oak							25									
963	28"	Live Oak							28									
1150	42"	Live Oak							42									
1178	36"	Live Oak							36									
1179	36"	Live Oak							36									
1180	36"	Live Oak							36									
SUB-TOTAL INCHES:				0	0	0	0	948	0	0	0	0	0	0	0	0		
TOTAL ON-SITE INCHES:									948									
MIN. REQUIRED PRESERVED INCHES:									948									
% INCHES PRESERVED:				0.00%				100.00%			0.00%		0.00%					
SURPLUS INCHES:				0				0			0		0					
INCHES TO BE MITIGATED:				0				0			0		0					
LESS INCHES MITIGATED W/ EXTG. TREES:								0										
TOTAL SURPLUS INCHES:								0										
TOTAL MITIGATED INCHES PROVIDED:								0										

LEGEND:  
\*EXISTING TREES SCHEDULED TO REMAIN, BUT NOT INCLUDED IN TO REMAIN CALCULATIONS.  
\*\*EXISTING HERITAGE TREES TO RECEIVE ALTERNATIVE CONSTRUCTION METHODS  
\*\*\*INVASIVE TREE SPECIES, DOES NOT COUNT IN CALCULATIONS



City of San Antonio

## TRANSPORTATION AND CAPITAL IMPROVEMENTS

RECEIPT OF ADDENDUM NUMBER(S) 02 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF MCALLISTER PARK RENOVATIONS 40-00375

FOR WHICH BIDS WILL BE OPENED ON FEBRUARY 17, 2015

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip Code: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name/Title