

TREE MITIGATION SUMMARY TABLE

AREA 30FT FLOOD PLAIN BUFFER 3,460 SF

MITIGATION CALCULATIONS

TOTAL MITIGATION: 143.4 DIAMETER-INCHES

NOTE: CALCULATED FOR 100% MITIGATION FOR

[USING FORMULA GIVEN IN CITY OF SAN ANTONIO

UNIFIED DEVELOPMENT CODE §35-523(F)-2B]

FLOODPLAIN AND FLOODPLAIN

BUFFER; 35% MITIGATION FOR

AREAS OUTSIDE FLOODPLAIN

785 SF

7,515 SF

@875 SF SHADE VALUE

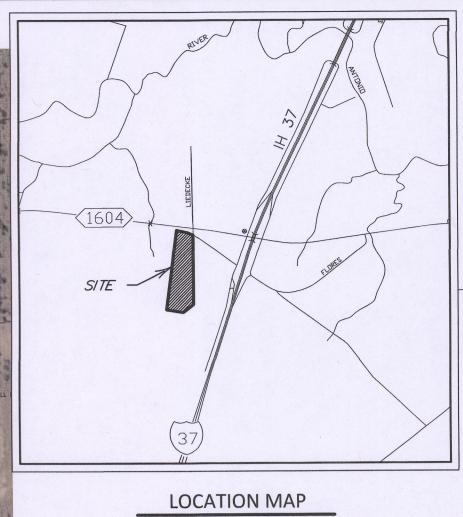
AREA 100-YEARFLOOD PLAIN

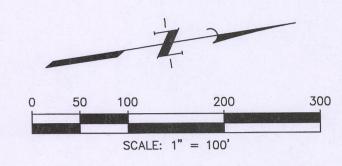
MITIGATION COST: \$28,674.12

FLOODPLAIN BUFFER

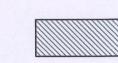
AREA OUTSIDE MITIGATION

TOTAL





LEGEND:



EXISTING TREES TO BE PRESERVED



FLOOD PLAIN TREES TO BE MITIGATED



30-FT FLOOD PLAIN BUFFER TREES TO BE MITIGATED

DEVELOPMENT SER

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	HE	RITAGE TRE	E TABLE	
TAG #	SIZE (IN.)	TYPE	CONDITION	SAVE/REMOVE
L-816	49"	LIVE OAK	GOOD	REMOVE
L-817	39"	LIVE OAK	GOOD	REMOVE
L-818	35"	LIVE OAK	POOR	REMOVE
L-828	34"	LIVE OAK	GOOD	REMOVE
L-829	30"	BLACKJACK OAK	GOOD	SAVE
L-830	40"	LIVE OAK	GOOD	SAVE
L-831	26"	POST OAK	GOOD	REMOVE
L-832	26"	POST OAK	GOOD	REMOVE
L-833	30"	POST OAK	GOOD	REMOVE
L-834	24"	POST OAK	GOOD	REMOVE
L-835	24"	POST OAK	GOOD	REMOVE
	32"	POST OAK	GOOD	SAVE
	29"	POST OAK	GOOD	SAVE
	31"	POST OAK	GOOD	SAVE

HERITAGE TREE PRESERVATION SUMMARY

449 287 162 TOTAL INCHES = INCHES REMOVED = INCHES PRESERVED =

PERCENTAGE PRESERVED = 162/449 = 36.08%

JONES CARTER Texas Board of Professional Engineers Registration No. F-439 4350 Lockhill-Selma Road, Suite 100 • San Antonio, Texas 78249 • 210.494.5511 JOB NUMBER: 11608-0002-01

TREE PRESERVATION SUMMARY 1,579,485 SF Gross Tract Area = 394,871 SF 25% Gross Tract Area = Inside 100-Year Flood Plain 0 SF Existing Tree Canopy to Remain 3,270 SF Existing Tree Canopy to be Removed 3,270 SF Existing Tree Canopy Total 0.0% Percentage of Area Preserved* * See Mitigation Table to the right for mitigation summary Inside 30-Foot Floodplain Buffer 0 SF Existing Tree Canopy to Remain 3,460 SF Existing Tree Canopy to be Removed 3,460 SF Existing Tree Canopy Total

Outside Area Remaining		
Existing Tree Canopy to Remain	261,114 SF	
Existing Tree Canopy to be Removed	487,169 SF	
Existing Tree Canopy Total		748,283 SF
Percentage of Area Preserved	34.9%	
* See Mitigation Table to the right for m	itigation summary	

TREE PROTECTION NOTES:

- 1. A root protection zone will be established around each tree or any vegetation to be preserved to meet the landscape or tree preservation ordinances. The root protection zone shall be an area defined by the radius extending out ward from the trunk of the tree a distance of one (1) linear foot for each inch diameter inch at breast height (4.5 ') of the tree. a 10-inch diameter tree will have a 10 foot radius root protection zone.
- 2. No work shall begin where tree protection fencing has not been completed and approved. Tree protection fencing shall be installed, maintained and repaired by the contractor during construction. The fencing will be a minimum of 4' height.
- 3. All roots larger than one—inch in diameter are to be cut cleanly and oak wounds painted within 30 minutes.
- 4. Exposed roots shall be covered at the end of the work day using techniques such as covering with soil, mulch or wet burlap.
- 5. 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.
- 6. No grade change more than 3" is allowed within the root protection
- 7. 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.
- 8. Any tree removal shall be approved by the city arborist (207-0278).
- 9. Trees which are damaged or lost due to the contractor's negligence during construction shall be mitigated.
- 10. Trees must be maintained in good health throughout the construction process. Maintenance may include watering the root protection zone and
- 11. No wires, nails or other materials may be attached to protected trees.

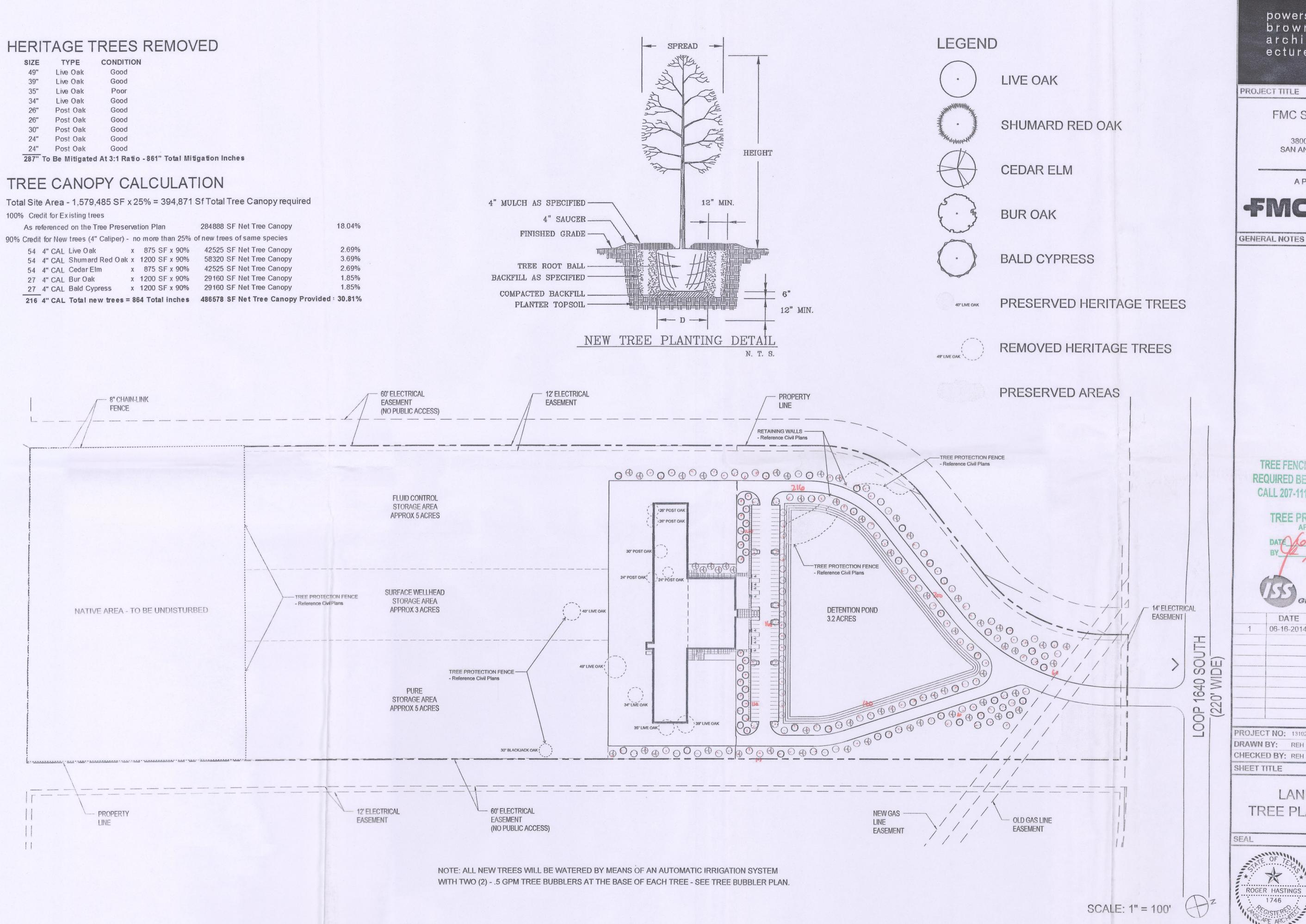


LOT 4 IVY SUBDIVISION - 36.26 Ac.

TREE CANOPY PRESERVATION PLAN SHEET 1 OF 1

PLAT No. 910060

8/28/2018



powers brown archit ecture

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PROJECT TITLE

FMC SAN ANTONIO

3800 S LOOP 1604. SAN ANTONIO, TX 78254

A PROJECT FOR

FMCTechnologies

GENERAL NOTES

TREE FENCING INSPECTION REQUIRED BEFORE SITE WORK CALL 207-1111 TO SCHEDULE

GROUNDS CONTROL △ REVISION 1 06-16-2014 ISSUE FOR REVIEW

PROJECT NO: 131020 DRAWN BY: REH

> LANDSCAPE TREE PLANTING PLAN



LP101

SHEET NUMBER