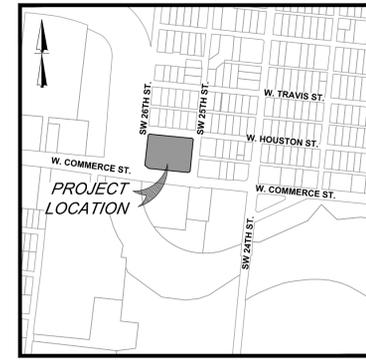
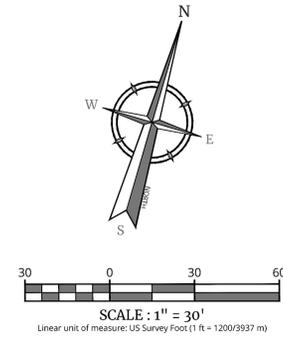
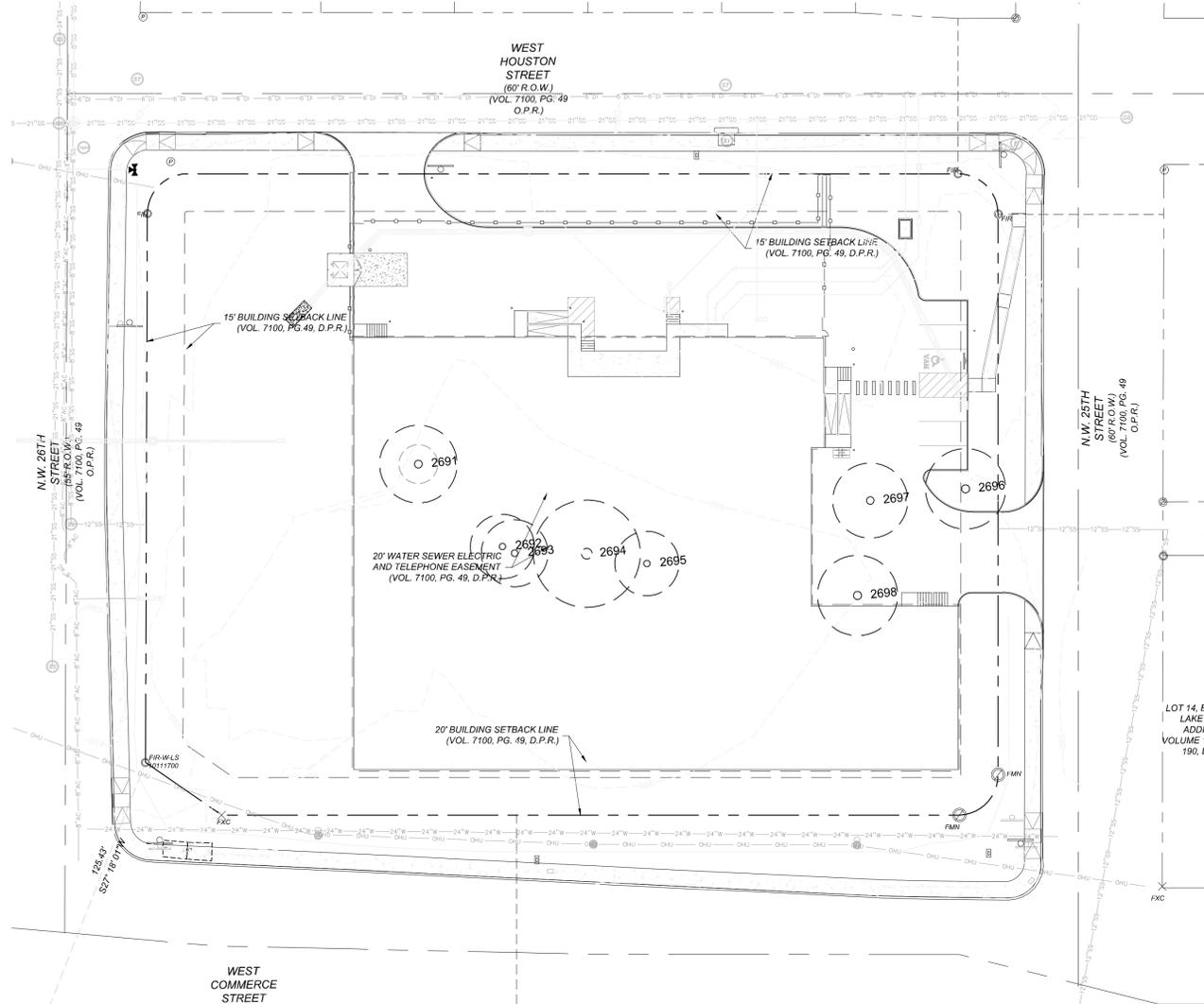


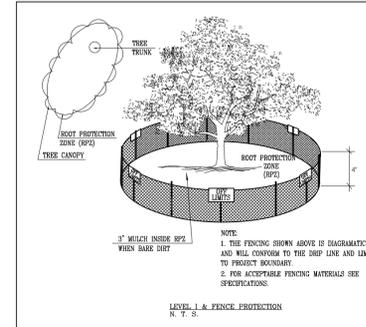
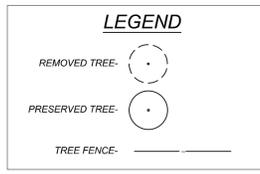
NOTE:
ALL OF THIS PROJECT FALLS WITHIN THE FLOODPLAIN.



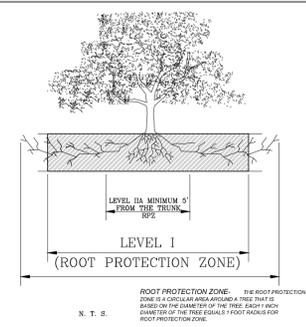
LOCATION MAP
N. T. S.

TREE PRESERVATION NOTES:

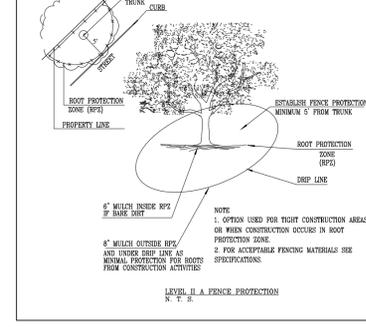
1. A ROOT PROTECTION ZONE WILL BE ESTABLISHED AROUND EACH TREE OR ANY VEGETATION TO BE PRESERVED TO MEET THE LANDSCAPE OR TREE PRESERVATION ORDINANCES. THE ROOT PROTECTION ZONE SHALL BE AN AREA DEFINED BY THE RADIUS EXTENDING OUTWARD FROM THE TRUNK OF THE TREE A DISTANCE OF ONE (1) LINEAR FOOT FOR EACH 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 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 ZONE.
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 (210-207-0278)
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 AN/OR WASHING FOLIAGE.
11. NO WIRES, NAILS OR OTHER MATERIALS MAY BE ATTACHED TO PROTECTED TREES.



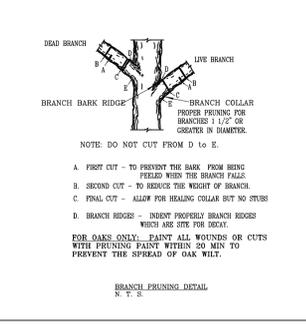
LEVEL I & FENCE PROTECTION
N. T. S.



LEVEL I (ROOT PROTECTION ZONE)
N. T. S.



LEVEL II & FENCE PROTECTION
N. T. S.



BRANCH PRUNING DETAIL
N. T. S.

TREE INVENTORY - COMMERCE STORAGE-FLOODPLAIN

Tag #	Species	Understory Species* 5.0" - 11.5"		Significant Tree 6" - 23.5"		Significant Tree** 10.0" - 23.5"		Heritage 3:1		Heritage 1:1		Additional Inches Preserved for Mitigation ***	Notes	Tree Canopy (Using SqFt as per Appendix E)		
		Removed	Preserved	Removed	Preserved	Removed	Preserved	Removed	Preserved	Removed	Preserved			Removed	Preserved	
2691	Pecan															
2692	Arizona Ash												IN DECLINE, 14.5			
2693	Arizona Ash												IN DECLINE, 12.5			
2694	Arizona Ash					20										
2695	White Mulberry					12										
2696	White Mulberry					15										
2697	Arizona Ash					14										
2698	Hackberry					15										
Sub. Tot. inches=		0	0	0	0	76	0	0	0	0	0	0			0	0
Total inches by category=		#DIV/0!		Significant Preservation		0%		Heritage Preservation		#DIV/0!		0				
Mitigation required (Commercial) =		0		Commercial (inches)		60.8		Heritage Mitigation (inches)		0						
Mitigation required (Residential) =		0		Residential (inches)												

No category to fall below 80% preservation for floodplain.
 Preserved- Tree to remain that meets root protection zone requirements described in section 35-523 of the UDC.
 Mitigation 1:1 for significant trees below minimum preservation requirements; 3:1 for heritage trees below 100% preservation
 * Small species: Cordalia, Redbud, Tx. Mountain Laurel, Tx. Persimmon, Hawthorn, Possumhaw - these are mitigated at 1:1 for Heritage Trees
 ** Ashe Juniper, Huisache, Mesquite, Arizona Ash, Hackberry protected at 10" dbh and mitigated at 1:1 for heritage trees
 *** Mitigation Trees: Unprotected-sized trees to be used for mitigation calculations; subtract inches from mitigation owed

SEE SHEET L4.0 FOR PROPOSED TREE PLANTING LOCATIONS AND LIST

TREE MITIGATION SUMMARY

Heritage Trees	0
Significant Trees	76
Total Mitigation Req.	60.8
New Trees (@ 3")	27
New Trees (14 @ 2")	28
New Trees (14 @ 1.5")	21
Total New Tree Inches	76
Payment to Tree Fund	\$0

Colliers
Engineering & Design
www.colliersengineering.com

Formerly Known as **KFW**
Kiewit Foundation

811 PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF EXCAVATIONS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

REV	DATE	DRAWN BY	DESCRIPTION
1	07/01/24	JB	CITY COMMENTS
2	07/17/24	JB	CITY COMMENTS

INSPIRED LANDSCAPE ARCHITECT
ANDREW M. BEYER
STATE OF TEXAS
07/17/2024

SITE PLAN
FOR
COMMERCE STORAGE
4115 W COMMERCE STREET
SAN ANTONIO
BEXAR
TEXAS 78207

Colliers SAN ANTONIO (KFW)
Engineering & Design
3421 Paesanos Parkway
San Antonio, TX 78231
Phone: 210.979.8444
COLLIERS ENGINEERING & DESIGN, INC.
1808 Frank St. #100
TBD'S Form: 1019550

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	05/23/2024	JB	DB
PROJECT NUMBER:	DRAWING NAME:	REVIEWED BY:	
1030-02-02	L1.0-TREE PRES-10300202	DB	

TREE PRESERVATION PLAN

SHEET NUMBER:
L1.0

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.