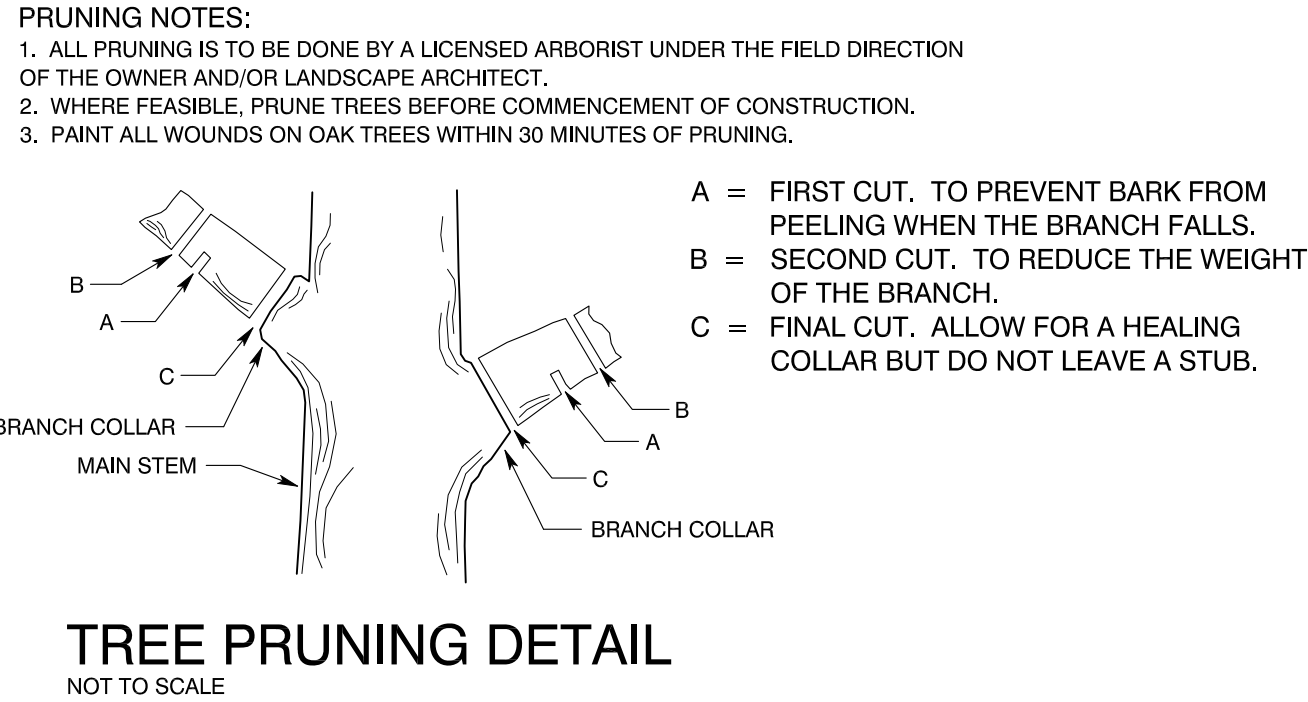


- NOTES:
1. LANDSCAPE SUBCONTRACTOR TO PROVIDE PRUNING AND FERTILIZATION FOR ALL EXISTING TREES TO BE PRESERVED BY A CITY OF SAN ANTONIO TREE MAINTENANCE LICENSED AND I.S.A CERTIFIED ARBORIST.
  2. APPLY APPROVED SLOW-RELEASE FERTILIZER INJECTED INTO SOIL BEFORE CONSTRUCTION COMMENCES AND AGAIN AFTER CONSTRUCTION IS COMPLETE.
  3. ALL PRUNING OF EXISTING TREES MUST COMPLY WITH THE CITY OF SAN ANTONIO'S APPROVED PRUNING DETAIL AND IS TO BE DONE UNDER THE FIELD DIRECTION OF THE OWNER AND/OR LANDSCAPE ARCHITECT.
  4. PROTECTIVE FENCING MUST BE IN PLACE BEFORE ANY CONSTRUCTION ACTIVITIES MAY COMMENCE.
  5. PROTECTIVE FENCING TO BE A MIN. 4'-0" HT. EXTENDING FROM TRUNK 12" PER CALIPER INCH OF TREE (MINIMUM 5'-0" ON ONE SIDE ONLY). THE OPTIMUM DISTANCE IS TO INSTALL FENCE DIRECTLY BENEATH DRIFLINE OF TREE AS SHOWN.
  6. PROTECTIVE FENCING TO BE STAKED IN FIELD BY CONTRACTOR AND APPROVED BY OWNER AND/OR LANDSCAPE ARCHITECT.
  7. DURING CONSTRUCTION, NO EXCESS SOIL, FILL MATERIAL, EQUIPMENT, LIQUIDS, OR CONSTRUCTION DEBRIS SHALL BE PLACED WITHIN THE PROTECTIVE FENCING, NOR SHALL ANY SOIL BE REMOVED FROM WITHIN THE FENCING.
  8. APPLY COARSE GROUND OR SHREDDED ORGANIC BARK MULCH TO 6" DEPTH @ ALL EXISTING TREES TO BE PRESERVED.
  9. THE PROPOSED FINISH GRADE WITHIN THE ROOT PROTECTION ZONE ("RPZ") OF ANY TREE TO BE PRESERVED SHALL NOT BE RAISED OR LOWERED MORE THEN THREE (3) INCHES.

- EXISTING TREE PRESERVATION AND REMOVAL NOTES:
1. UNLESS OTHERWISE SPECIFICALLY INDICATED, THIS DOCUMENT SHOWS ONLY EXISTING PROTECTED-SIZE TREES AS DEFINED BY THE CITY OF SAN ANTONIO UNIFIED DEVELOPMENT CODE (THE "UDC") IN EFFECT ON THE DATE HEREOF.
  2. CONTRACTOR IS SOLELY RESPONSIBLE FOR INSPECTING THE PROJECT SITE AND DETERMINING FOR HIMSELF IF OTHER EXISTING TREES, SHRUBS, OR VEGETATION ARE PRESENT WHICH MUST BE REMOVED IN ORDER TO CONSTRUCT THE IMPROVEMENTS PROPOSED HEREBY.
  3. BY ACT OF SUBMITTING A BID TO REMOVE THE EXISTING TREES SHOWN ON THIS PLAN, CONTRACTOR WARRANTS THAT HE (A) HAS PERSONALLY VISITED THE PROJECT SITE, (B) HAS INVESTIGATED THE EXISTING CONDITIONS SUFFICIENTLY TO DETERMINE WHAT, IF ANY, ADDITIONAL EXISTING TREES, SHRUBS, AND VEGETATION MUST BE REMOVED IN ORDER TO CONSTRUCT THE IMPROVEMENTS PROPOSED HEREBY, AND (C) HAS A CLEAR UNDERSTANDING OF THE TERMS "PROTECTED TREE, SIGNIFICANT TREE, HERITAGE TREE, AND FLOOD PLAIN, AND OF ANY OTHER CITY GUIDELINES, STANDARDS, AND REQUIREMENTS WHICH MAY IMPACT REMOVAL OF THE EXISTING TREES DEPICTED ON THIS PLAN.
  4. IN THE EVENT CONTRACTOR ENCOUNTERS ADDITIONAL EXISTING TREES, SHRUBS, AND VEGETATION NOT SHOWN ON THIS PLAN, BUT WHICH MUST REASONABLY BE REMOVED IN ORDER TO CONSTRUCT THE IMPROVEMENTS PROPOSED HEREBY, CONTRACTOR SHALL REMOVE THE ADDITIONAL EXISTING TREES, SHRUBS, AND VEGETATION AT NO ADDITIONAL COST TO THE OWNER, SUBJECT TO ANY APPLICABLE REQUIREMENTS, GUIDELINES, STIPULATIONS, OR APPROVALS ENFORCED BY THE CITY OF SAN ANTONIO.



EXISTING PROTECTED TREE INVENTORY  
August 2, 2018

TAG#	SPECIES	SIZE	LARGE SPECIES			SMALL SPECIES				PROTECTED		COMMENTS
			SIGNIFICANT PRESERVED	SIGNIFICANT REMOVED	HERITAGE PRESERVED	HERITAGE REMOVED (3:1)	HERITAGE REMOVED (1:1)	SIGNIFICANT PRESERVED	SIGNIFICANT REMOVED	HERITAGE PRESERVED	HERITAGE REMOVED	
001	Huisache	22	22									
855	Hackberry	19										19
856	Hackberry	9										9
858	Huisache	17	17									No single trunk is 10" minimum
859	Huisache	10		10								Undersized, Removed
860	Hackberry	10		10								
861	Huisache	17		17								
862	Huisache	14		14								
863	Huisache	20		20								
865	Mesquite	22		22								
866	Huisache	23		23								
869	Hackberry	17		17								
871	Huisache	9										9
873	Huisache	13		13								Undersized, Removed
874	Hackberry	10		10								
876	Huisache	17		17								
877	Huisache	20		20								
879	Mesquite	12		12								
880	Hackberry	15		15								15
953	Huisache	16	16									No single trunk is 10" minimum
TOTALS		312	55	220	0	0	0	0	0	0	0	52

TREE PRESERVATION SUMMARY	
TOTAL CAL. INCHES ON-SITE:	312
SIGNIFICANT CAL. INCHES ON-SITE:	275
Significant Cal. Inches Preserved:	55
Significant Cal. Inches Exempt:	52
Significant Class Preservation Ratio:	20.00%
Required Significant Preservation Ratio:	40%
Significant Class Excess / (Mitigation):	(55.0)
HERITAGE CAL. INCHES ON-SITE:	0
Heritage Cal. Inches Removed (Oak):	0
Heritage Cal. Inches Removed (Mesquite):	0
Heritage Class Mitigation Ratio (Oaks):	3:1
Heritage Class Mitigation Ratio (Mesquite):	1:1
Heritage Class Excess / (Mitigation), 3:1	0.0
Heritage Class Excess / (Mitigation), 1:1	0.0
Significant Class Excess / Mitigation:	(55.0)
TOTAL EXCESS / (MITIGATION)	(55)

Refer to Sheet TP1.0 for Overall Tree Preservation Plan.

EXISTING RIPARIAN BUFFER TREE INVENTORY  
August 28, 2018

TAG#	SPECIES	SIZE	PRESERVED	REMOVED	EXEMPT	COMMENTS
001	Huisache	22	22			
880	Hackberry	15			15	No Single Trunk 10" or Larger
877	Huisache	20		20		
TOTALS		57	22	20	15	

RIPARIAN BUFFER TREE PRESERVATION SUMMARY	
TOTAL CAL. INCHES ON-SITE:	57
SIGNIFICANT CAL. INCHES ON-SITE:	42
Significant Cal. Inches Preserved:	22
Significant Cal. Inches Exempt:	15
Significant Class Preservation Ratio:	52.38%
Required Significant Preservation Ratio:	80%
Significant Class Excess / (Mitigation):	(11.6)
HERITAGE CAL. INCHES ON-SITE:	0
Heritage Cal. Inches Removed (Oak):	0
Heritage Cal. Inches Removed (Mesquite):	0
Heritage Class Mitigation Ratio (Oaks):	3:1
Heritage Class Mitigation Ratio (Mesquite):	1:1
Heritage Class Excess / (Mitigation), 3:1	0.0
Heritage Class Excess / (Mitigation), 1:1	0.0
Significant Class Excess / Mitigation:	(11.6)
TOTAL EXCESS / (MITIGATION)	(12)

UNDERSIZED TREE INVENTORY

TAG#	SPECIES	SIZE
956	Huisache	4
963	Huisache	4
966	Huisache	3
967	Huisache	3
975	Huisache	4
976	Huisache	3
Total Cal. Inches:	21	

TREE MITIGATION SUMMARY  
TOTAL EXISTING PROTECTED TREES W/ IN RIPARIAN BUFFER: 42.0 Cal. In.  
x 80% = MITIGATION REQUIRED @ 100%: 33.6 Cal. In.  
x \$200 PER CAL. INCH = PAYMENT DUE TO CITY TREE FUND: \$6720



IN ADDITION TO PROVIDING PAYMENT TO THE CITY TREE FUND EQUALING 100% TREE MITIGATION, THE OWNER WILL PRESERVE 100% OF THE EXISTING UNDERSIZED TREES LOCATED WITHIN THE RIPARIAN BUFFER (REF. UNDERSIZED TREE INVENTORY).

MITIGATION FOR UPLAND TREE REMOVAL PER THE PROTECTED TREE INVENTORY WAS INSTALLED W/ CONSTRUCTION OF THE EXISTING INDUSTRIAL BUILDING UNDER A/P #2168036.

HORIZON  
DESIGN AND DEVELOPMENT

PLANNING LANDSCAPE ARCHITECTURE  
DEVELOPMENT CONSULTING  
1370 Pantheon Way, Suite 210  
San Antonio, Texas 78232  
210.831.8564 | robinson@horizondesign-sa.com



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OWNER  
**IGX Interchange, LLC**

6592 Guada Coma  
Schertz, TX 78154

PROJECT  
**INTERCHANGE  
PARK BLDG. 3**

3109 East Loop 410  
San Antonio, Texas 78218

REVISIONS		
1.	Add Sheet to Set	11/07/16
2.	Additional Tree Survey	12/07/16
3.	Remove Additional Tree	8/2/18
4.	City Comments	8/28/18
5.	City Comments	9/20/18

PROJECT NUMBER  
**2015-199**

Drawn By: cm

Checked By: jr

Sheet Title:  
**TREE INVENTORY**

Sheet Number:

**TP1.2**

Issue Date:

December 3, 2015