

NOTES:

- 2006 TREE ORDINANCE WITH TREE SURVEY SIGNIFICANT TREES WITHIN EASEMENTS ARE UNPROTECTED, WITH THE EXCEPTION OF TREES WITHIN THE 100-YR FLOODPLAIN AND 30 FT FLOODPLAIN BUFFER.
- 2. TREES LOCATED OUTSIDE THE LIMITS OF THE TREE SURVEY WILL REMAIN UNDISTURBED.
- 3. SITE VEGETATION DESCRIPTION: VEGETATION ON THE SITE RANGES FROM OPEN
- AREAS TO DENSELY VEGETATED AREAS. 4. STREETSCAPE WILL BE REQUIRED ON ALL STREETS CLASSIFIED AS COLLECTOR OR
- HIGHER. 5. VEGETATION SHOWN AS NEITHER PRESERVED NOR REMOVED IS ASSUMED TO BE
- OF INSIGNIFICANT SIZE.
- 6. A TOTAL OF TWO (2) TREES PER RESIDENTIAL LOT WILL BE PLANTED WITH A MINIMUM DIAMETER OF 2" AND 875 SQUARE FEET OF SHADE AREA.
- 7. PLANTED TREES SHALL BE NATIVE LARGE SHADE TREES FROM APPENDIX "E" OF THE CITY OF SAN ANTONIO'S UNIFIED DEVELOPMENT CODE (UDC).
- 8. SITE VEGETATION DESCRIPTION: VEGETATION ON THE SITE RANGES FROM OPEN AREAS TO DENSELY VEGETATED AREAS. THE MAJORITY OF THE SITE IS POPULATED MOSTLY BY SMALLER SHRUBS AND BRUSH WITH SOME TREES. A FIRE BURNED MOST OF THE VEGETATION AT THE NORTHERN END OF THE SITE IN 2011.

TREE PRESERVATION NOTES 1. ALL EXISTING TREES DENOTED ON THIS PLAN TO BE PRESERVED AS SHOWN AND PROTECTED AT THE ROOT PROTECTED ZONE (RPZ). THE RPZ SHALL BE DETERMINED BY TREE SIZE (RECOMMENDED 1' RADIUS FROM TRUNK FOR EVERY 1" DIAMETER OF TRUNK AT 4.5' FROM GROUND) WITH A MINIMUM 5' DIAMETER FROM THE TRUNK.

- 2. A (CHAIN LINK OR ORANGE MESH FENCE) BARRIER AROUND THE RPZ SHALL BE ERECTED AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETED.
- RPZ SHALL BE SUSTAINED IN A NATURAL STATE AND SHALL BE FREE FROM VEHICULAR OR MECHANICAL TRAFFIC; NO FILL, EQUIPMENT, LIQUIDS, OR CONSTRUCTION DEBRIS SHALL BE PLACED INSIDE THE PROTECTIVE ZONE.
- 4. THE RPZ SHALL BE COVERED WITH MULCH TO REDUCE MOISTURE STRESS.
- 5. ANY DAMAGE DONE TO EXISTING TREE CROWNS OR ROOT SYSTEMS SHALL BE REPAIRED IMMEDIATELY. ALL WOUNDS TO TREES WILL BE PAINTED WITH PRUNING PAINT WITHIN 30 MINUTES AFTER DAMAGE, ROOTS EXPOSED DURING CONSTRUCTION OPERATIONS WILL BE CUT CLEANLY.
- 6. THE PROPOSED FINISHED GRADE AND ELEVATION OF LAND WITHIN THE ROOT PROTECTION ZONE OF ANY TREES TO BE PRESERVED SHALL NOT BE RAISED OR LOWERED MORE THAN 3". WELLING AND RETAINING METHODS ARE ALLOWED OUTSIDE THE RPZ.

THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL.

7. THE RPZ SHALL REMAIN PERVIOUS, I.E. GROUNDCOVER OR TURF AT COMPLETION OF LANDSCAPE DESIGN.



VESTED TO 2006 TREE ORDINANCE (UNIT-2 BOUNDARY LIMITS: 178.6 ACRES)

0	OUTSIDE FLOODPLAIN AND FLOODP	LAIN BUFFER	
E	XISTING TREE CANOPY AREA:	7.	80 ACRES
E	XISTING TREE CANOPY REQUIRED	TO BE PRESERVED (35%): 2.	73 ACRES
E	XISTING TREE CANOPY TO BE PRI	ESERVED (82.0%): 6.	39 ACRES
EL	LOODPLAIN		
E	XISTING TREE CANOPY AREA:	0.	00 ACRES
EX	XISTING TREE CANOPY AREA REQ	UIRED TO BE PRESERVED (80%): 0.	00 ACRES
E	XISTING TREE CANOPY AREA TO	BE PRESERVED: 0.	00 ACRES
E	XISTING TREE CANOPY AREA REM	OVED: 0.	00 ACRES
EL	LOODPLAIN BUFFER		
E)	XISTING TREE CANOPY AREA:	0.0	00 ACRES
E>	XISTING TREE CANOPY REQUIRED	TO BE PRESERVED: (80%): 0.4	00 ACRES
E>	XISTING TREE CANOPY TO BE PRE	ESERVED: 0.	00 ACRES
E>	XISTING TREE CANOPY AREA REM	OVED: 0.0	00 ACRES
Т	REE PLANTING		

TOTAL LOTS WITHIN THE TREE PERMIT AREA

REQUIRED TREES PLANTED PER LOT PER UDC WITHIN ALL UNITS (NOT COUNTED TOWARDS MITIGATION)

PROPOSED FELDER TRACT UNIT 2 TREE CANOPY CALCULATIONS EXISTING TREE CANOPY TO BE PRESERVED OUTSIDE FLOODPLAIN AND FLOODPLAIN BUFFER = (6.39 ACRES) TREE CANOPY PLANTED PER UDC (MEDIUM SHADE = 2/LOT)= 875 SQUARE FEET x 90% = 787.5 SQUARE FEET OF CANOPY PER TREE PROPOSED TREE CANOPY PLANTED FROM UDC TREES = 633 LOTS @ 2 TREES/LOT = 1266 TREES • 787.5 SQUARE FEET OF SHADE AREA/TREE = 22.89 ACRES

2006 HERITAGE TREE PRESERVATION CALCULATION TOTAL HERITAGE INCHES

REQUIRED HERITAGE PRESERVATION

*NOTE: 1. UNDER 2006 TREE ORDINANCE A HERITAGE TREE SURVEY IS NOT REQUIRED. 2. UNIT-2 AS SHOWN ON THE FELDER TRACT MASTER DEVELOPMENT PLAN (MDP #14-00029.01) CONTAINS TREE CANOPY THAT IS WITHIN BOTH OPEN SPACE AND THE 2011 FIRE AREA. TREES WITHIN THE AFOREMENTIONED

OPEN SPACE/2011 FIRE AREA ARE TO BE SAVED WHERE DEEMED APPROPRIATÉ BY PAPE-DAWSON ENGINEERS, INC.

