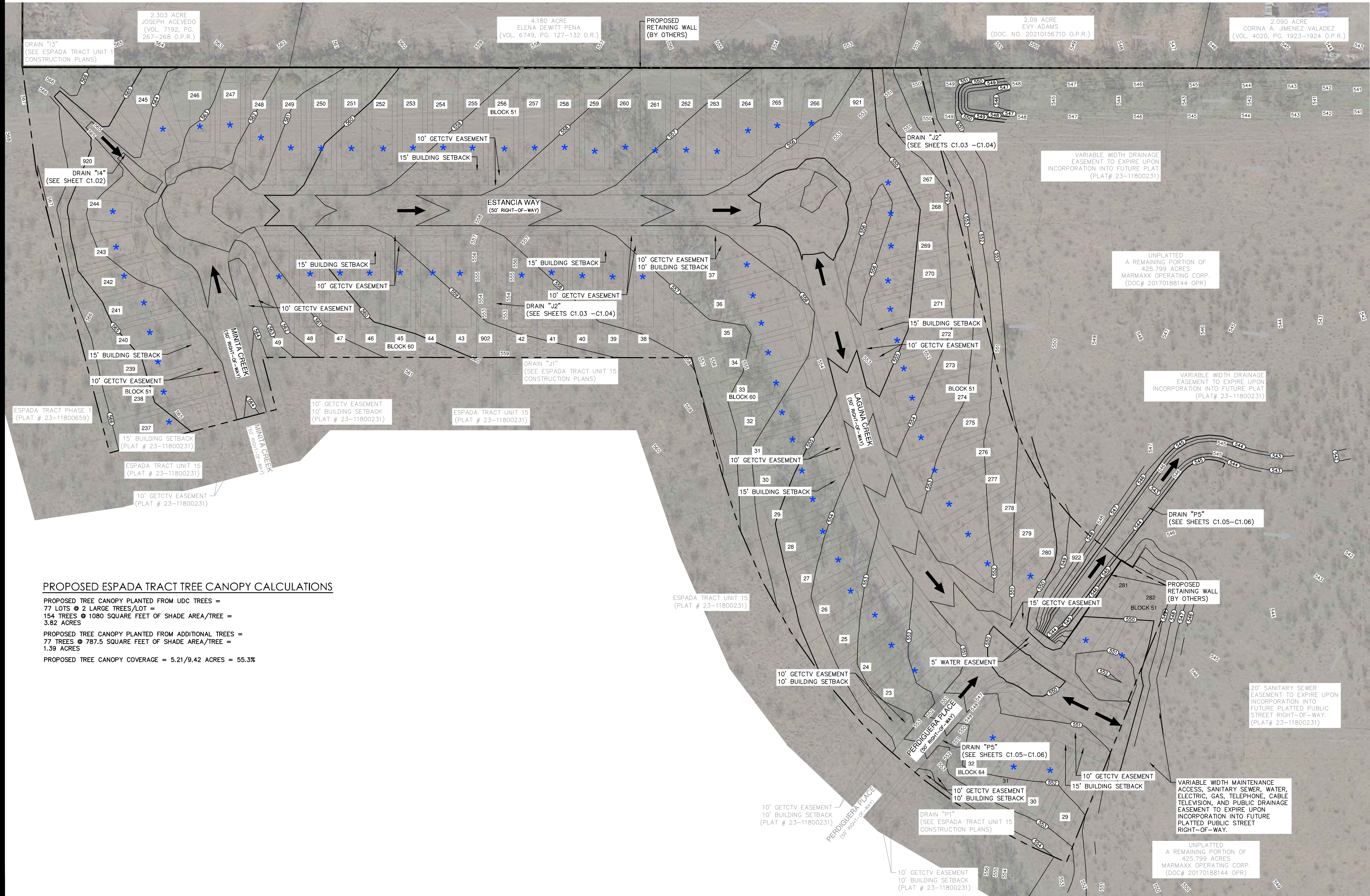


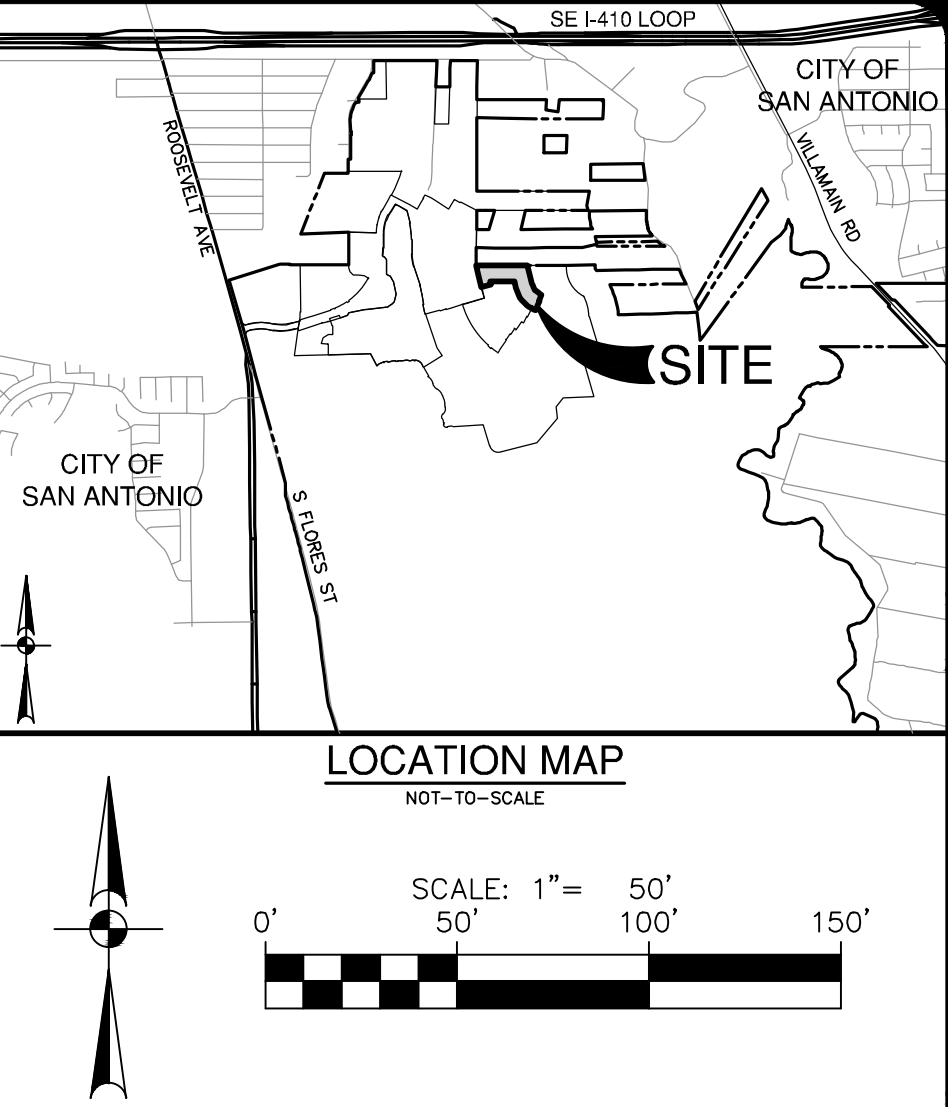
Date: August 21, 2023, 10:46 AM -- User ID: jonahangroff
File: P:\28\32\15\Design\Civil\Exhibit\240216 Supplemental Tree

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PROPOSED ESPADA TRACT TREE CANOPY CALCULATIONS

PROPOSED TREE CANOPY PLANTED FROM UDC TREES =
77 LOTS @ 2 LARGE TREES/LOT =
154 TREES @ 1080 SQUARE FEET OF SHADE AREA/TREE =
3.62 ACRES
PROPOSED TREE CANOPY PLANTED FROM ADDITIONAL TREES =
77 TREES @ 787.5 SQUARE FEET OF SHADE AREA/TREE =
1.39 ACRES
PROPOSED TREE CANOPY COVERAGE = 5.21/9.42 ACRES = 55.3%



LEGEND

- HERITAGE TREE TO REMAIN WITHIN FLOODPLAIN
- PROTECTED HERITAGE TREE TO BE REMOVED
- HERITAGE TREE TO REMAIN
- FLOODPLAIN BUFFER TREES TO BE REMOVED
- FLOODPLAIN BUFFER TREES TO REMAIN
- HERITAGE TREE IN DECLINE (OR WITHIN HIGH-OF-WAY NOT COUNTED TOWARDS PRESERVATION CREDIT OR MITIGATION)
- EXISTING STREETSCAPE TREE
- LOTS TO BE PLANTED WITH 2 ~ LARGE SHADE TREES (2 UDC TREES)(ENERGY EFFICIENCY CREDIT)*
- LOTS TO BE PLANTED WITH 2 ~ LARGE SHADE TREES + 1 ~ MEDIUM SHADE TREE FOR MITIGATION (2 UDC TREES) (ENERGY EFFICIENCY CREDIT)*
- FEMA FLOODPLAIN
- 30' FLOODPLAIN BUFFER
- EXISTING ELEVATION CONTOUR
- PROJECT LIMITS
- EXISTING TREE CANOPY IN SINGLE FAMILY TO BE PRESERVE
- EXISTING TREE CANOPY IN SINGLE FAMILY TO BE REMOVED
- EXISTING TREE CANOPY IN FLOODPLAIN TO BE PRESERVED
- EXISTING TREE CANOPY IN FLOODPLAIN TO BE REMOVED
- EXISTING TREE CANOPY IN FLOODPLAIN BUFFER TO BE PRESERVED
- EXISTING TREE CANOPY IN FLOODPLAIN BUFFER TO BE REMOVED

NO.	REVISION	DATE

PAPE-DAWSON
ENGINEERS
2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #1008800

ESPADA TRACT UNIT 12
SAN ANTONIO, TEXAS
SUPPLEMENTAL TREE EXHIBIT

PLAT NO.	23-11800380
JOB NO.	12632-15
DATE	OCTOBER 2023
DESIGNER	JG
CHECKED	DW DRAWN JR
SHEET	C7.00