

Drainage Plan for the Preliminary Plat TANNER ADDITION

Wichita, Sedgwick County, Kansas

Legal Description:
The west 250 feet of the south 290 feet of the SE1/4 of Section 28,
Twp. 27-S, R-2-E of the 6th P.M., Sedgwick County, Kansas.

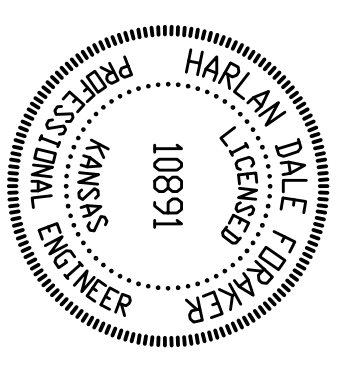
OWNER:
Estate of Lela Virginia Tanner
Dale L. Tanner, Executor
8815 E. Hurst
Wichita, Kansas 67210
Phone: 684-8649

GROSS SIZE:
72501.49 Sq. Ft.
1.66 Acres
NET SIZE OF PLAT:
57501.18 Sq. Ft.
1.32 Acres

MINIMUM LOT SIZE:
57501.18 Sq. Ft.
1.32 Acres

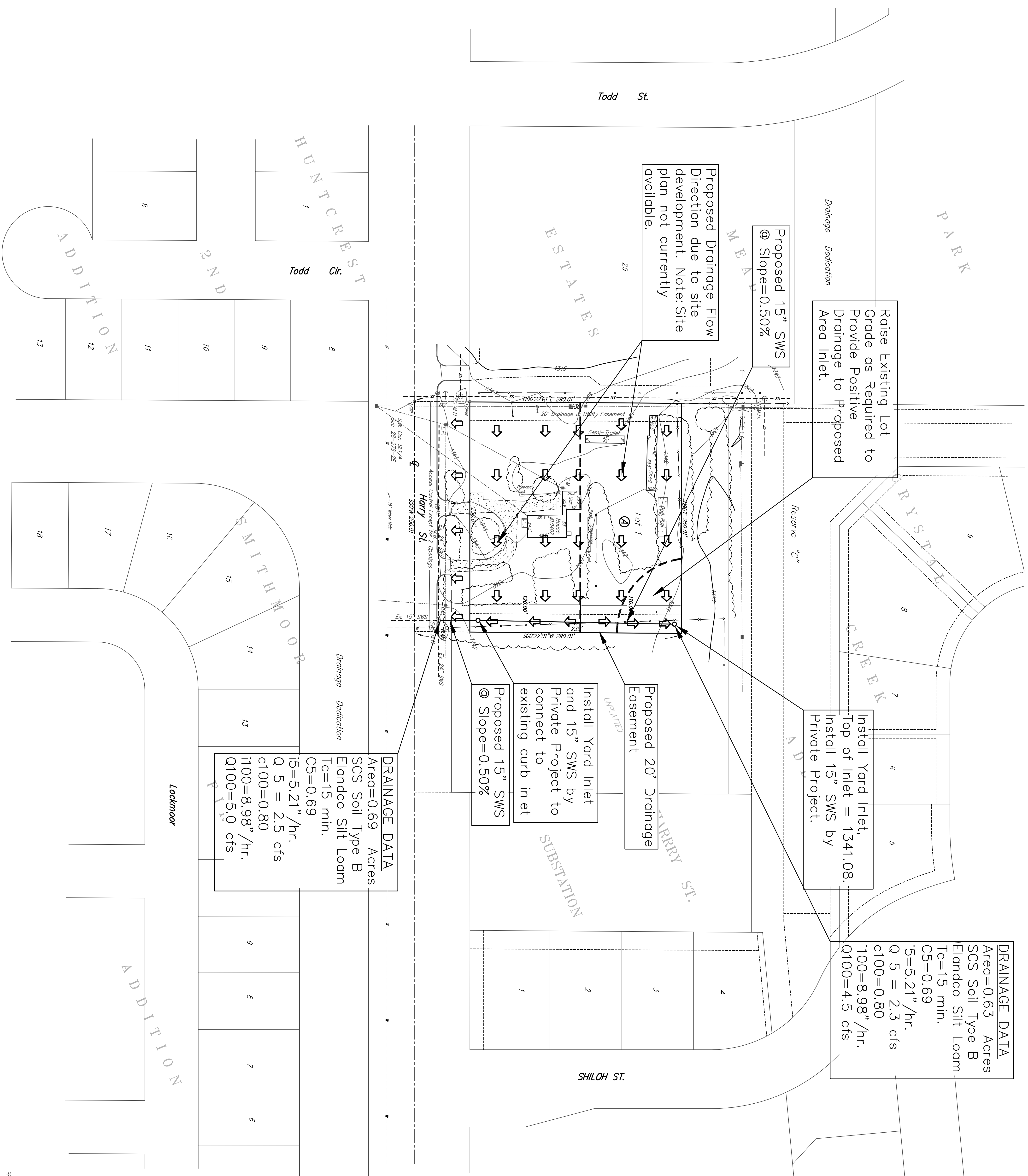
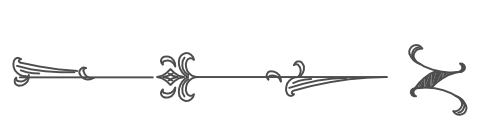
ZONING:
SF-5 - Single Family
CONTROL NUMBER:
460945

→ - Developed Drainage Flow Direction



B.M. - Square Old Top of Oak
at S.W. Corner of Subject Property
Elevation = 1343.00

1" = 50'



Raise Existing Lot Grade as Required to Provide to Positive Drainage to Proposed Area Inlet.

Proposed 15" SWS @ Slope=0.50%

Proposed Drainage Flow Direction due to site development. Note: Site plan not currently available.

Install Yard Inlet, Top of Inlet = 1341.08. Install 15" SWS by Private Project.

Proposed 20' Drainage Easement

Install Yard Inlet and 15" SWS by Private Project to connect to existing curb inlet

Proposed 15" SWS @ Slope=0.50%

DRAINAGE DATA

Area=0.69 Acres	SCS Soil Type B
Elandco Silt Loom	Tc=15 min.
C5=0.69	i5=5.21"/hr.
Q 5 = 2.5 cfs	c100=0.80
i100=8.98"/hr.	Q100=5.0 cfs

DRAINAGE DATA

Area=0.63 Acres	SCS Soil Type B
Elandco Silt Loom	Tc=15 min.
C5=0.69	i5=5.21"/hr.
Q 5 = 2.3 cfs	c100=0.80
i100=8.98"/hr.	Q100=4.5 cfs

DRAINAGE PLAN PREPARED BY:

CERTIFIED ENGINEERING DESIGN, P.A.

810 WEST DOUGLAS, SUITE C
WICHITA, KANSAS 67203
PH: (316) 262-8808
FAX: (316) 262-1669

SHEET	1
TOTAL	1