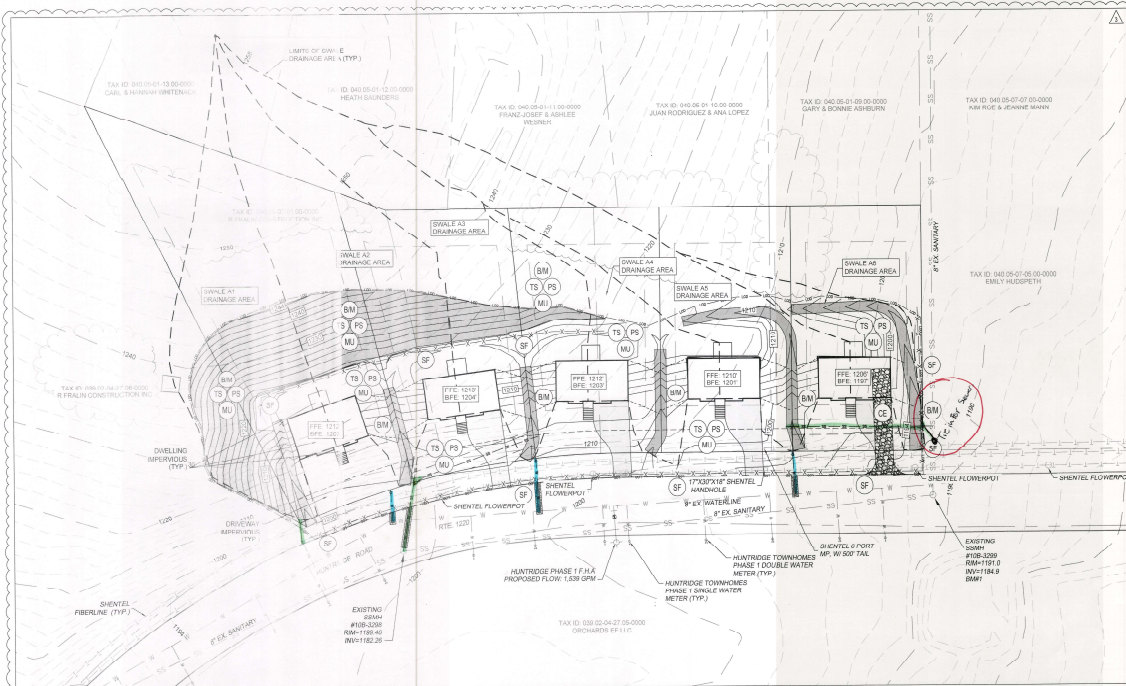


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SWALE DRAINAGE AREA TABLE

Permeability	0.50
Coverage	0.30
D	4.40
W	6.08 (Worst case to 5 min. Runoff County)

STRUCTURE	Area	Area	Area	C	Q	Q
Swale A1	0.02	0.34	0.36	0.33	0.5	0.7
Swale A2	0.02	0.42	0.45	0.34	0.7	0.9
Swale A3	0.02	0.36	0.38	0.35	0.6	0.8
Swale A4	0.02	0.14	0.17	0.41	0.3	0.4
Swale A5	0.02	0.30	0.33	0.35	0.5	0.7
Swale A6	0.02	0.09	0.11	0.41	0.2	0.3

*Swale A2 drainage numbers used in calculations to represent storm water treatment



ENGINEERING CONCEPTS, INC.
84 GREENFIELD STREET
DALLAS, TEXAS 75208
214.773.1233



North

Date	1/2/23
Description	ORCHARD SEC. 10 RESUB.
No.	3

ORCHARDS SEC. 10 RESUB.
ROANOKE, VIRGINIA 24012
EROSION & SEDIMENT CONTROL PLAN



Professional Engineer Seal for ORCHARD SEC. 10 RESUB. Lic. No. 0000000000 3/23/23

0 30' 60'
GRAPHIC SCALE

PROJECT: 202007

C-120