

NOTES :

Marfisi Residence

27 Covington Road
Olivette, MO 63132

LA/D: Ross Richardson

DRAWN BY:RRR

REVIEWED BY:BW

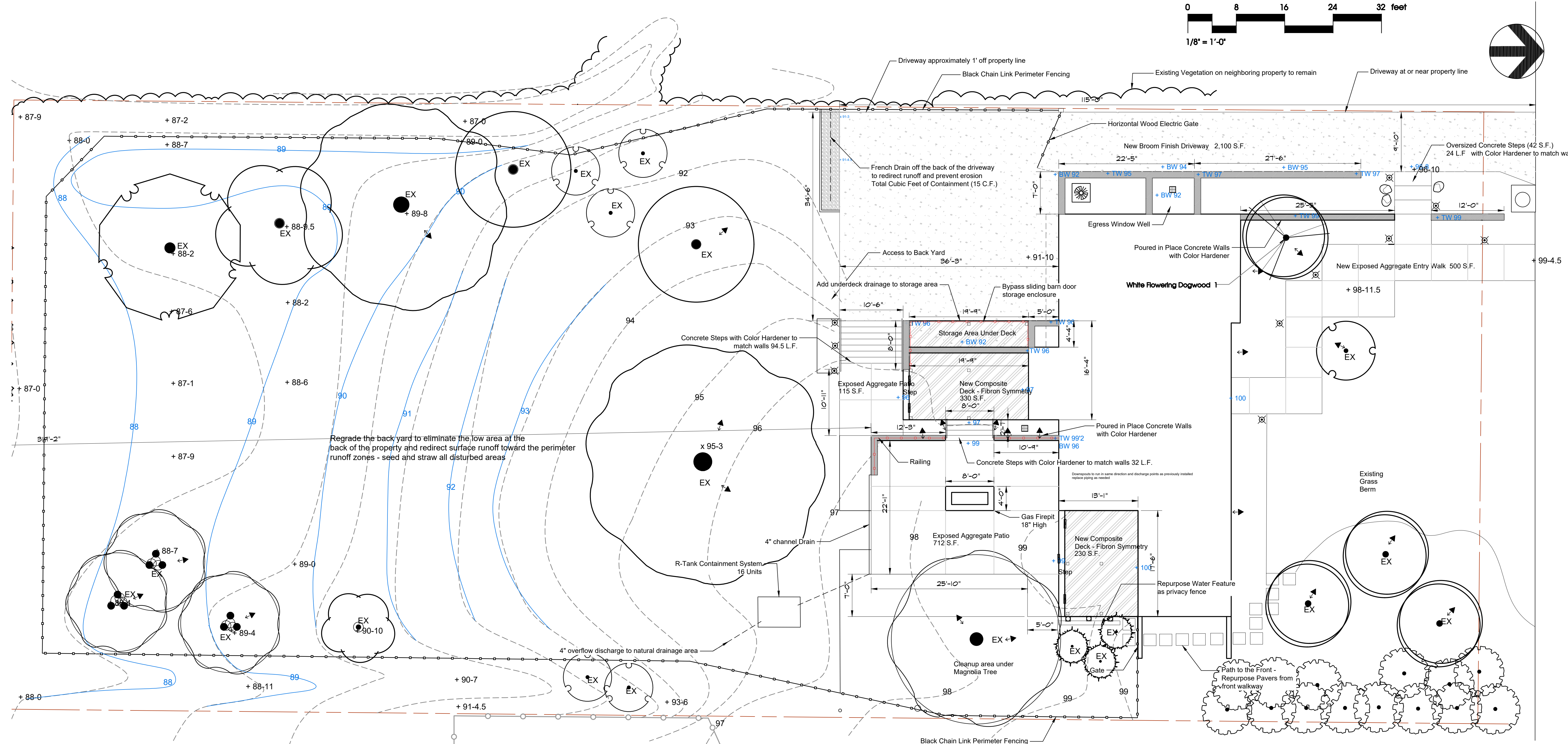
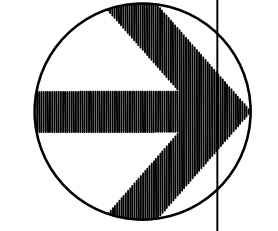
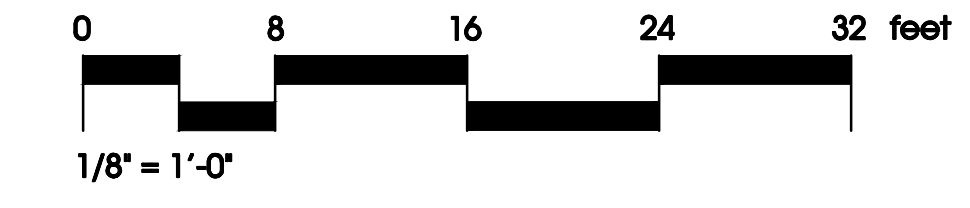
DATE:10-31-19

REVISIONS | DATE

#1	11-13-19
#2	1-7-2020
#3	2-6-2020
#4	2-19-2020

Landscape Plan

L1.01

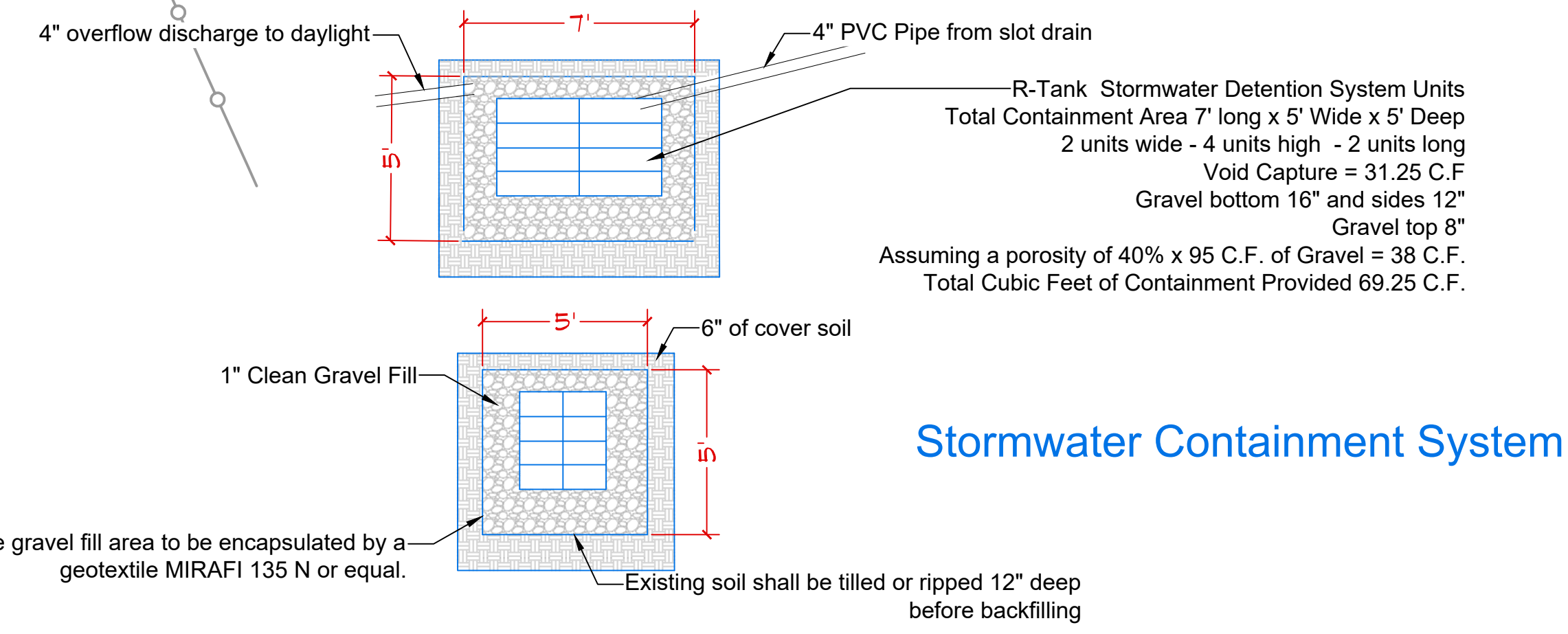


Stormwater Differential Runoff Calculations

EXISTING	AREA (S.F.)	COVERAGE	ACRES	PI	CFS
ROOF	2,100.00	8.65%	0.048	4.20	0.202
PAVEMENT	2,632.00	10.84%	0.060	3.54	0.212
DECKS	472.00	1.94%	0.011	2.40	0.026
LAWN	19,074.00	78.57%	0.438	1.70	0.745
TOTALS	24,278.00	100.00 %	0.557	N/A	1.185

PROPOSED	AREA (S.F.)	COVERAGE	ACRES	PI	CFS
ROOF	2,100.00	8.65%	0.048	4.20	0.202
PAVEMENT	3,505.00	14.44%	0.080	3.54	0.283
DECKS	560.00	2.31%	0.012	2.40	0.029
LAWN	18,113.00	74.60%	0.416	1.70	0.707
TOTALS	24,278.00	100.00 %	0.557	N/A	1.221

CHANGE IN CFS = 0.036



Storage Calculations
 Additional Storm Water Proposed .030
 New upper patio to be collected 690 S.F. (690/43560 x 3.54 = .056 CFS)
 20 yr 20 min storm = (20 min) x (60 sec) x (.056 CFS) = 67.2 Cubic Feet

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