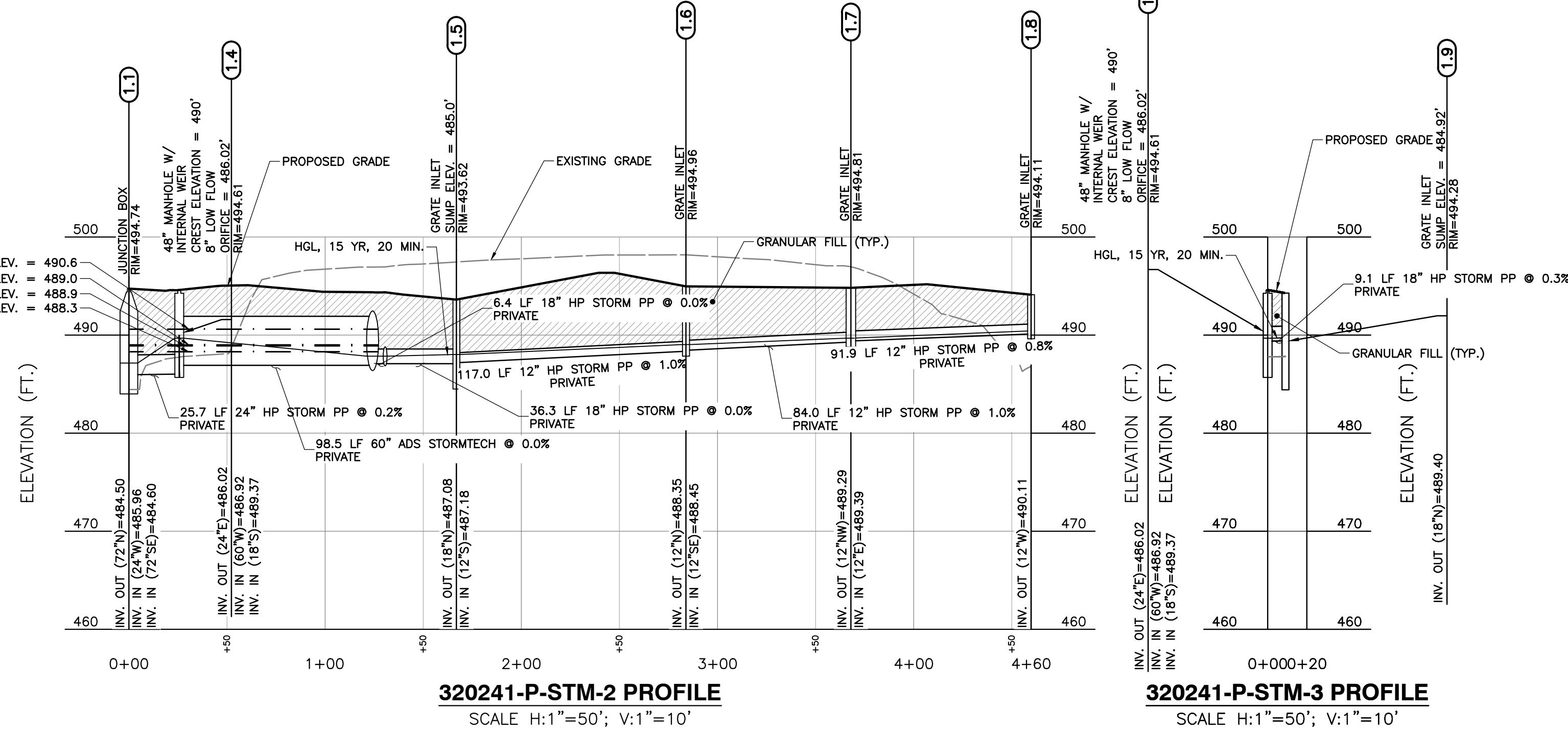
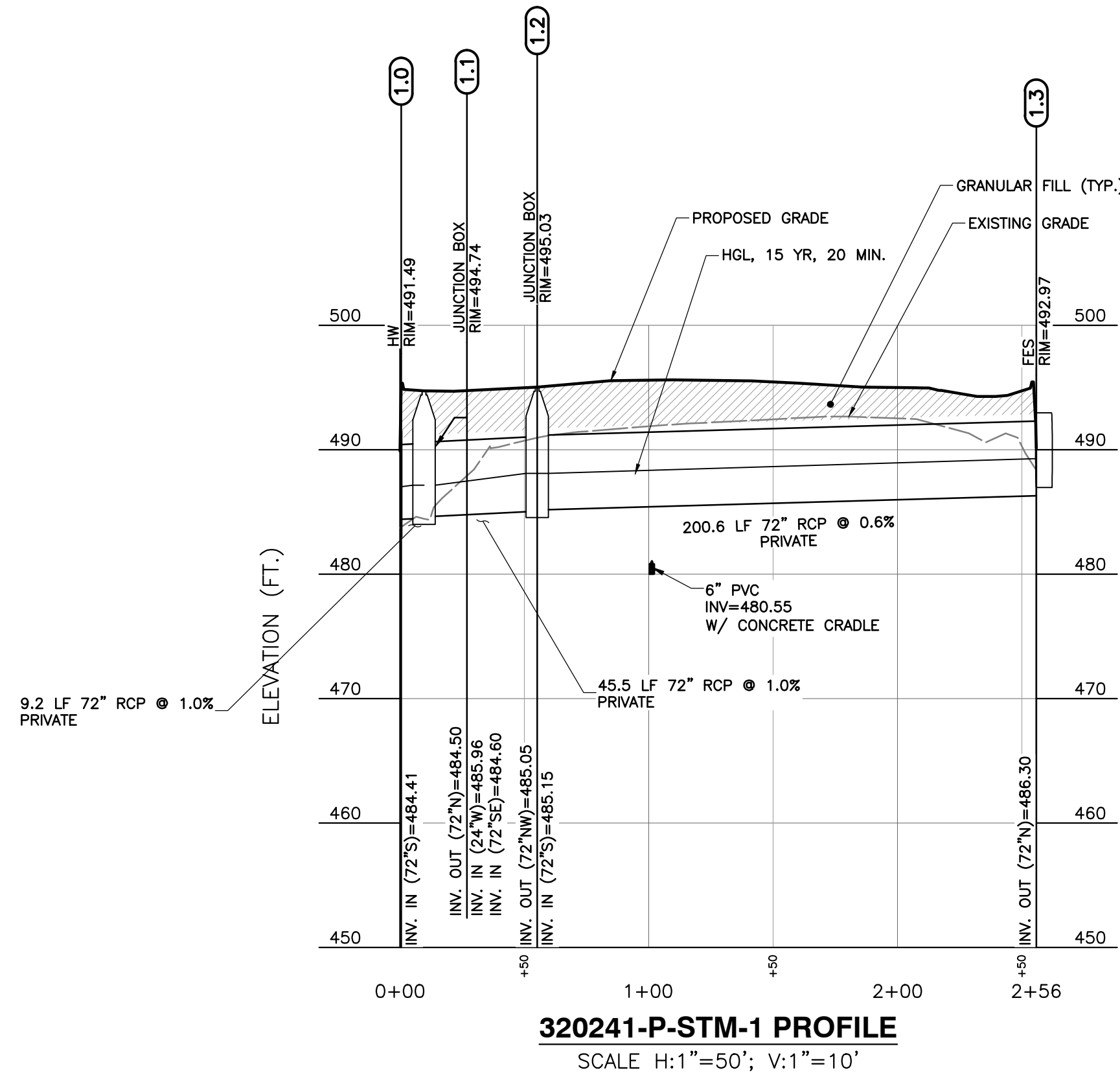
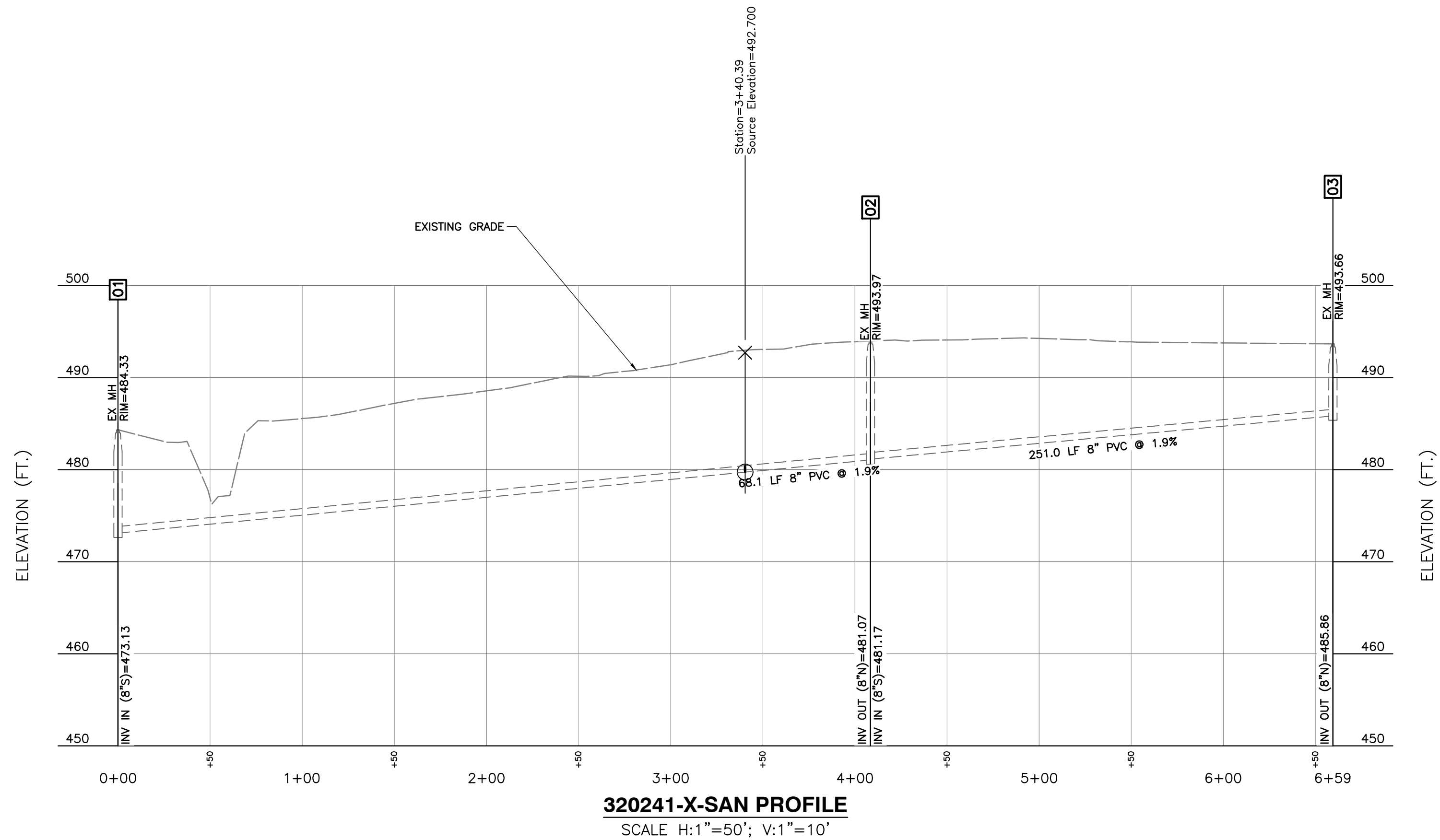


A:\300-2001\300-241-CADD\DWG\DWG\300241-001-C600.dwg(11/08/2023 11:00) - LP: 11/20/2023 8:24 AM



Hydraulic Calculations													
Node ID:	Outlet	JB 1.1	JB 1.2	FE 1.3	JB 1.1	MH 1.4	STORMTECH	GI 1.5	GI 1.6	GI 1.7	GI 1.8	MH 1.4	GI 1.9
Rim (ft):		494.74	495.03	492.97	494.74	494.61	491.92	493.62	494.96	494.81	494.11	494.61	494.28
Invert (ft):	484.41	484.50	485.05	486.30	484.50	486.02	486.92	485.00	488.35	489.29	490.11	486.02	484.92
Max HGL (ft):	487.01	487.15	488.13	489.28	487.15	489.69	487.85	488.01	489.03	489.69	490.41	489.69	489.72
Link ID:	1.1-Outlet	1.2-1.1	1.3-1.2		1.4-1.1	STORMTECH-1.4	1.5-STORMTECH	1.6-1.5	1.7-1.6	1.8-1.7		1.9-1.4	
Length (ft):	9.2	45.5	200.6		25.7	98.5	42.7	117	84	91.9		9.1	
Dia (in):	72	72	72		24	60	18	12	12	12		18	
Slope (ft/ft):	0.010	0.010	0.006		0.002	0.00	0.00	0.01	0.01	0.008		0.003	
Up Invert (ft):	484.50	485.05	486.30		486.02	486.92	487.08	488.35	489.29	490.11		489.40	
Dn Invert (ft):	484.41	484.60	485.15		485.96	486.02	486.92	487.18	488.45	489.39		489.37	
Max Q (cfs):	177	171.4	171.4		5.56	4.92	4.92	3.08	1.06	0.67		0.64	
Max Vel (ft/s):	15.04	14.98	12.24		3.71	3.11	4.27	5.46	4.19	3.38		2.35	



MBR MANAGEMENT
NORTH MAIN PROPERTIES
201 N. MAIN STREET, SUITE 300
ST. CHARLES, MO

Revision Date: 11/20/2023

P+Z No.
Approval Date: 1/6/2022
Permit No.: 21-008100

Page No.
C600



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