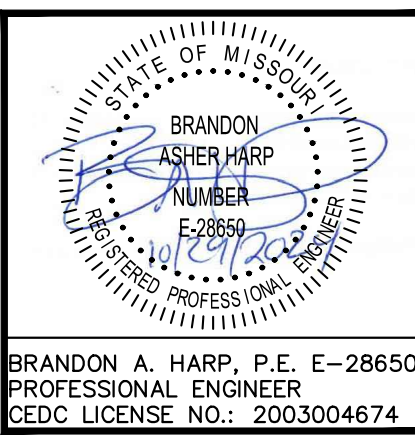
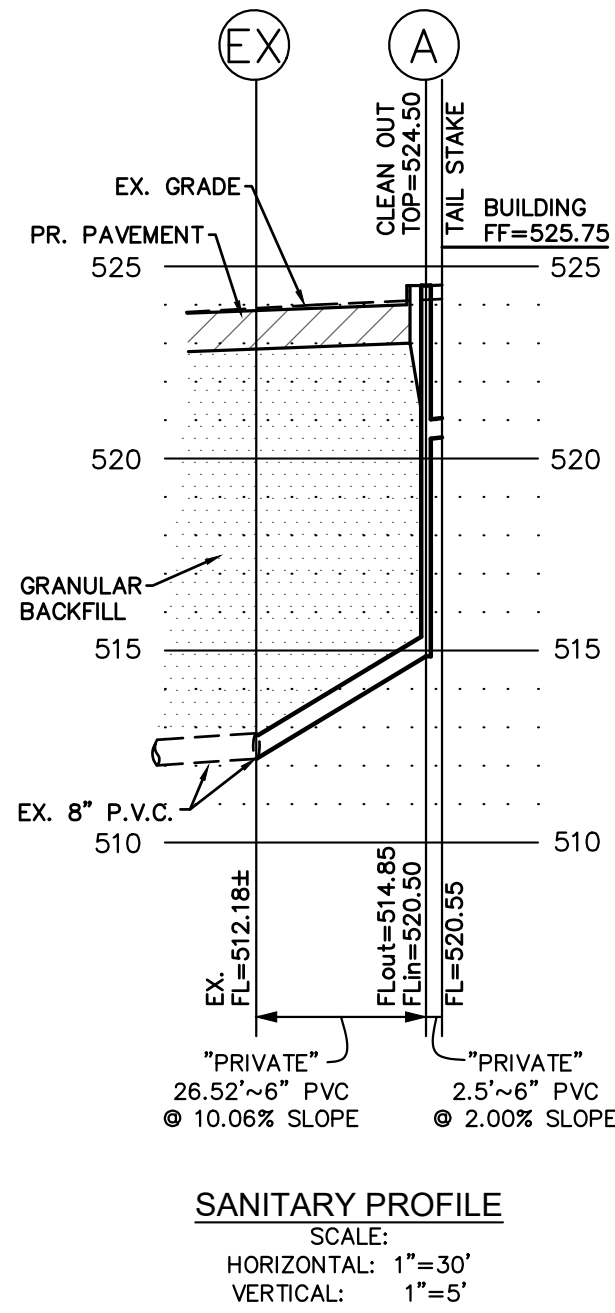
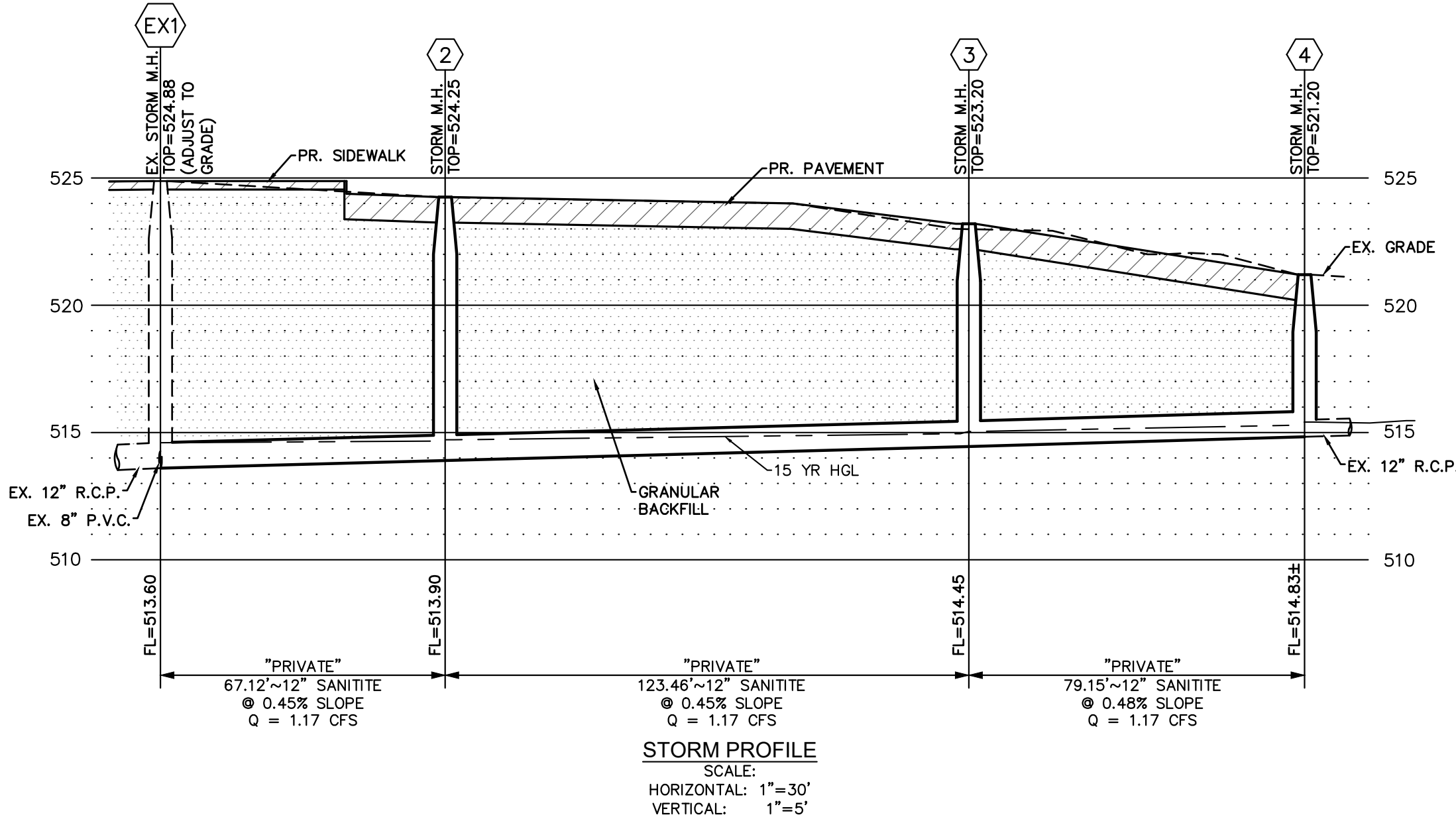


STORM SEWER COMPUTATION SHEET																
Project: Rosalita's, O'Fallon, Missouri														Computed By: MC		
Date: 2024/10/10																
Sewer Location			Design													
Top Elevation	Structure No. to	Structure No.	Diameter (in.)	Manning's N	Slope	Velocity (fps)	Capacity (cfs)	Q20 Increment Flow (cfs)	Q20 Design Flow (cfs)	Length (ft.)	Fall (ft.)	Invert Elevation Upper End	Invert Elevation Lower End	HYDRAFLOW LINK ID	HGL AT STRUCTURE (20 YR)	FREEBOARD (FT.)
520.64	EX2	4	12	0.013	0.69%	3.77	2.96	1.17	1.17	26.19	0.18	515.01	514.83	4	514.71	5.93
521.20	4	3	12	0.013	0.48%	3.15	2.48	0.00	1.17	79.15	0.38	514.83	514.45	3	514.95	6.25
523.20	3	2	12	0.013	0.45%	3.04	2.38	0.00	1.17	123.46	0.55	514.45	513.90	2	514.95	8.25
524.25	2	EX1	12	0.013	0.45%	3.04	2.39	0.00	1.17	67.12	0.30	513.90	513.60	1	514.66	9.59



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Site Improvement Plans for
ROSALITA'S CANTINA RESTAURANT
1421 MEXICO LOOP ROAD EAST
O'FALLON, MO 63366

Proj. # 2494		
No.	Description	Date
	To City	03/29/24
	To City	04/17/24
	To City	09/16/24
	To City	10/15/24
	To City	11/01/24

SEWER
PROFILES

DRAWING NO.

C8