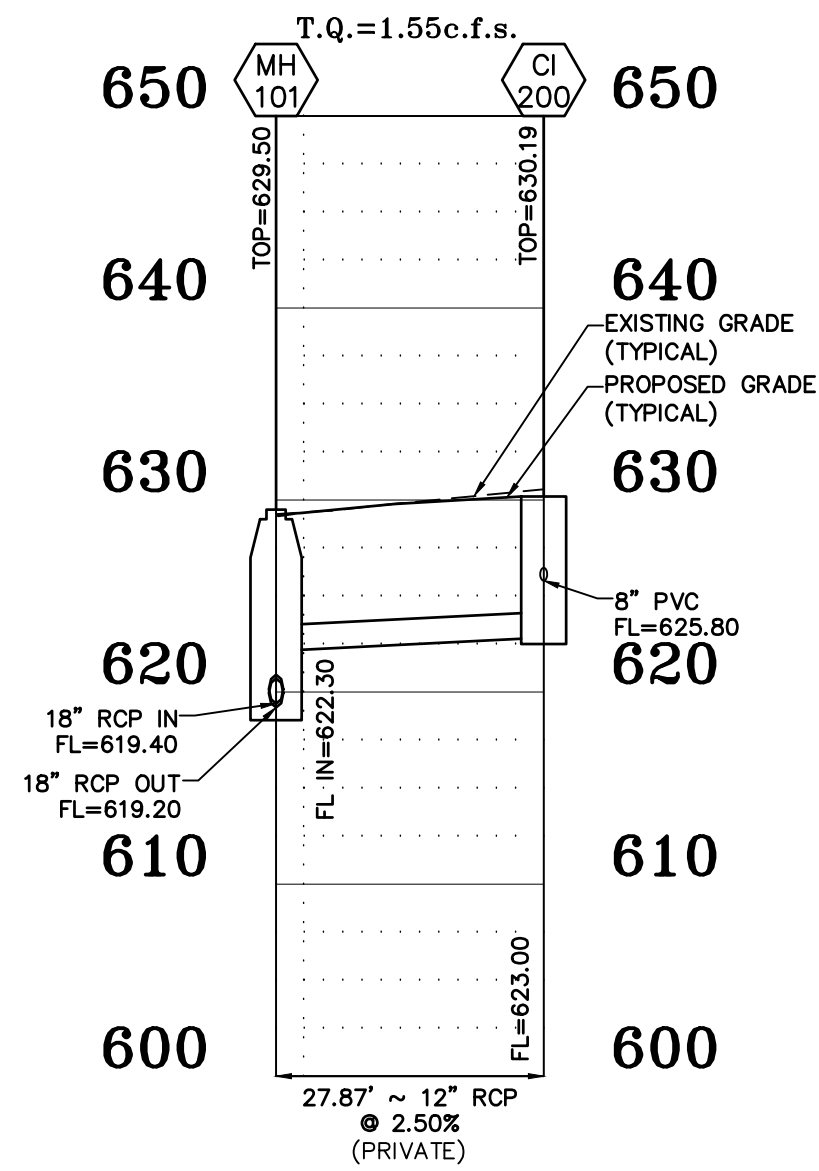
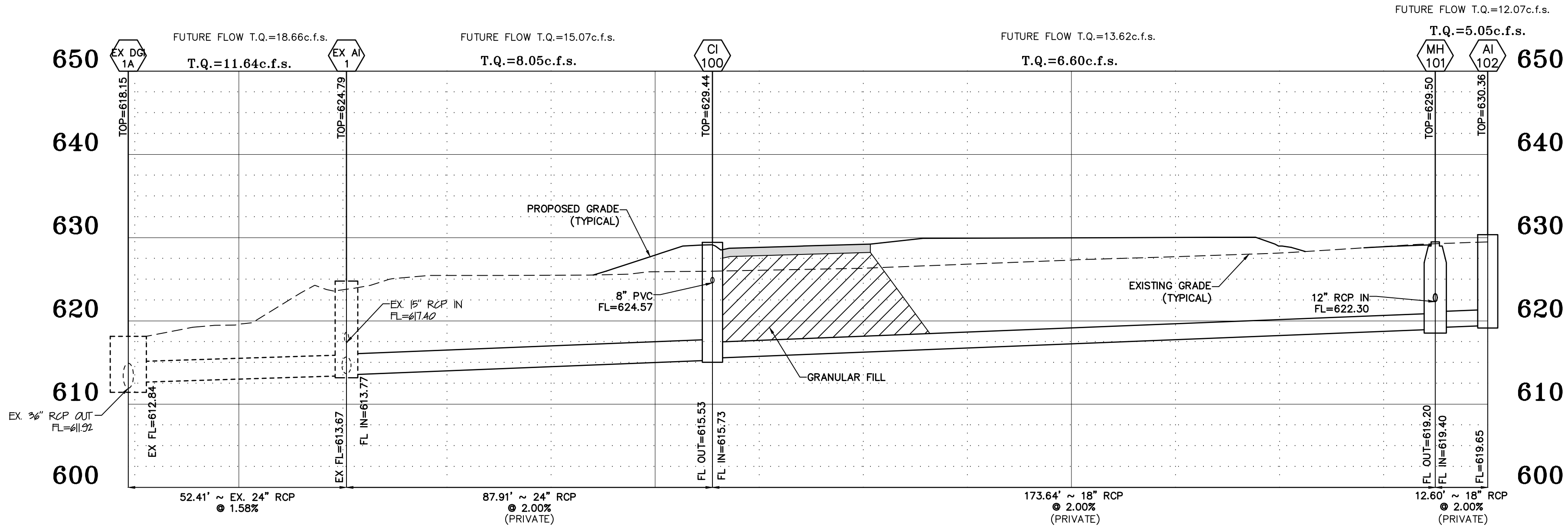




STORM SEWER PROFILE

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'



STORM SEWER PROFILE

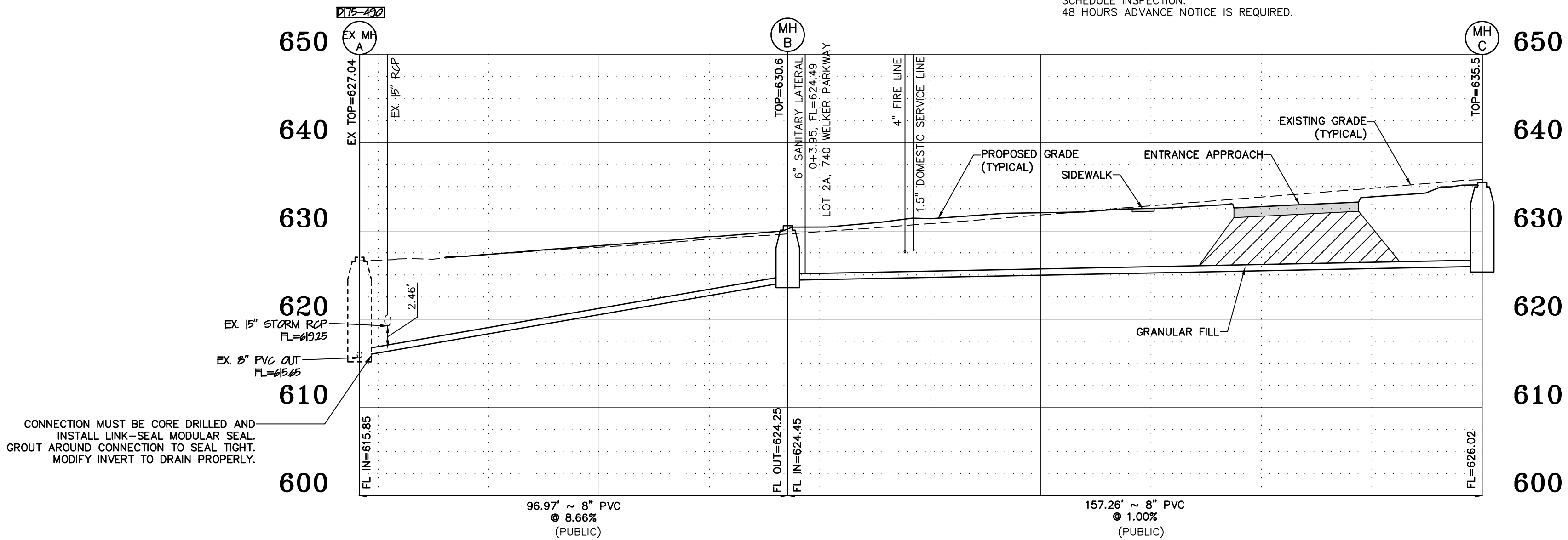
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'

St Charles County Government Hydraulic Review Output Data										\\VAULTSERVER\File\Folders\19000\19168 - Hwy N Daycare\Engineering\Hydraulics\19168 hydraulics REV 10-15-24.txt Calculations Under Full Flow															
Upp Str	Low Str	PL	S	Upp FL LN	Low FL LN	PS	Upp ST EL	Depth HY GR	Upp HY EL	Low HY EL	Hydr Grade	FR Head	VEL	VEL Head	Junc Loss	Turn Loss	Curve Loss	STR Grade	Inl Cap	DR Area	P.I.	Q	TQ	Pipe Cap	Remarks
1	CI200	MH101	28	12	623.00	622.30	2.51	630.19	6.78	623.41	623.30	0.00190	0.05	1.97	0.06	0.06	0.00	0.00					1.55	5.64	
2	AI102	MH101	13	18	619.65	619.40	1.98	630.36	9.30	621.06	620.90	0.00230	0.03	2.86	0.13	0.13	0.00	0.00					5.05	14.78	
3	MH101	CI100	174	18	619.20	615.73	2.00	629.50	9.59	619.91*	617.23	0.00390	0.68	3.73	0.22	0.12	0.00	0.00					6.60	14.86	
4	CI100	EXAI1	88	24	615.53	613.77	2.00	629.44	13.23	616.21*	615.77	0.00130	0.11	2.56	0.10	0.00	0.04	0.00					8.05	31.99	
5	EXAI1	EXDGI	52	24	613.67	612.84	1.58	624.79	9.72	615.07	614.92	0.00260	0.14	3.71	0.21	0.00	0.01	0.00					11.64	28.44	614.92

THE CONTRACTOR SHALL PREVENT ALL STORM, SURFACE WATER, MUD AND CONSTRUCTION DEBRIS FROM ENTERING THE SANITARY SEWER SYSTEM.

LATERAL CLEANOUTS WITH METAL FRAME AND COVER AT GRADE SHALL BE PROVIDED AT A MINIMUM OF EVERY 100 FEET AND AT EVERY CHANGE IN DIRECTION OF SLOPE.

DUCKETT CREEK SANITARY DISTRICT (DCSD) NOTES:
1. EXISTING SANITARY SEWER SERVICE SHALL NOT BE INTERRUPTED.
2. CONSTRUCTION OF WASTEWATER FACILITIES REQUIRES DCSD INSPECTION. CONTACT DCSD ENGINEERING DEPARTMENT AT (636) 441-1244 TO SCHEDULE INSPECTION.
48 HOURS ADVANCE NOTICE IS REQUIRED.



SANITARY SEWER PROFILE

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.



CALL BEFORE
YOU DIG!
1-800-DIG-RITE

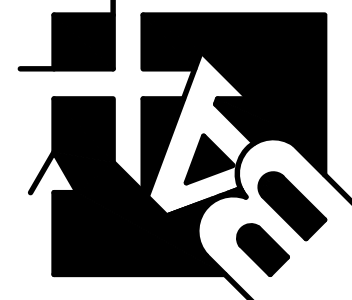
*FIBER OPTICS ARE PRESENT

PROJECT TITLE:

ASPEN ACADEMY
740 WELKER PARKWAY
O'FALLON, MISSOURI 63385

ENGINEERING
PLANNING
SURVEYING

221 Point West Blvd.
St. Charles, MO 63301
636-928-5552
FAX 928-1718



DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.



CLIFFORD L. HEITMANN
CIVIL ENGINEER
E29817

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REVISIONS

11-25-24	dcsd & pwsd2 comments
12-18-24	city comments

Developer / Owner:

VM MUELLER PROPERTIES LLC - MADELINE MUELLER
3298 DYER ROAD
O'FALLON, MISSOURI 63366
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STORM AND SANITARY PROFILES

P+Z No. # 24-0025299

Approval Date: Sept 5, 2024

City No. #

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Box Project # 24-19168 Issue Date: 11/7/2024