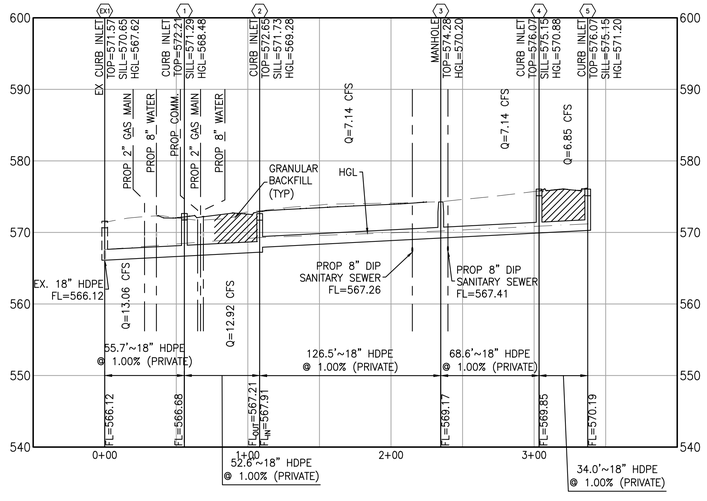

NOTE: COMPACTED GRANULAR TRENCH FILL IS REQUIRED BETWEEN PIPES AT ALL LOCATIONS WHERE WATER MAINS, SANITARY SEWERS, AND STORM SEWERS CROSS OVER EACH OTHER.

Label	Diameter (in)	Length (Unified) (ft)	Manning's n	Bend Angle (Calculated) (degrees)	Slope (Calculated) (ft/ft)	Flow (cfs)	Capacity (Excess Full Flow) (cfs)	Capacity (Full Flow) (cfs)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Stop Node	Invert (Stop) (ft)	Elevation Ground (Stop) (ft)	Hydraulic Grade Line (Out) (ft)	Start Node	Invert (Start) (ft)	Elevation Ground (Start) (ft)	Hydraulic Grade Line (In) (ft)	Freeboard (ft)
5-4	18	34	0.013	71.62	0.01	6.85	3.65	10.5	5.39	5.27	4	569.85	575.15	570.88	5	570.19	575.15	571.2	3.95
4-3	18	68.6	0.013	88.77	0.01	7.14	3.31	10.45	5.49	6.37	3	569.17	574.28	570.08	4	569.85	575.15	570.88	4.27
3-2	18	126.5	0.013	82.69	0.01	7.14	3.34	10.48	5.49	4.23	2	567.91	571.73	569.28	3	569.17	574.28	570.2	4.08
2-1	18	52.6	0.013	0.66	0.01	12.92	-2.38	10.54	7.31	7.31	1	566.68	571.29	568.48	2	567.21	571.73	569.28	2.44
EX1-1	18	55.7	0.013	0	0.01	13.06	-2.52	10.54	7.39	7.39	EX1	566.12	570.65	567.62	1	566.68	571.29	568.48	2.96

1 STORM SEWER PROFILE

SCALE: 1"=10' VERT. 1"=50' HORIZ. **REF. DWG. C5.0**

DEVELOPER/ OWNER:

40DD SPORTS, LLC
1 ASPEN CIRCLE DRIVE
INNSBROOK, MO 63390

NO	REVISION DESCRIPTION	DATE

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NUMBER PE-2010017899
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STORM PROFILES

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