

EXISTING POTABLE
WATER CONNECTION
Elevation: 4263.2
Invert: 4258.2

EXISTING FIRE HYDRANT
EXISTING MANHOLE

BRUCES
SALES AND
LEASING

COPPERMINE ROAD

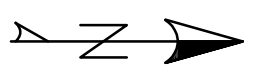
SEGMENT 1

SEGMENT 3

SEGMENT 2

PROJECT PROPERTY

PROPOSED PROPERTY STRUCTURE



Coppermine_Rd_Report_Final

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Label	Solve For	Pressure at 2 (psi)	Pressure at 1 (psi)	Friction Method	Elevation at 1 (ft)
WaterSegment 1	Pressure at 2	57	80	Manning Formula	4,253.00
WaterSegment 2	Pressure at 2	33	57	Manning Formula	4,253.00
Water Stubout	Pressure at 2	52	57	Manning Formula	4,253.00
Elevation at 2 (ft)	Length (ft)	Roughness Coefficient	Diameter (in)	Discharge (cfs)	Energy Grade at 1 (ft)
4,253.00	268.0	0.006	8.0	11.57	4,454.60
4,253.00	280.0	0.006	8.0	11.57	4,401.55
4,253.00	116.0	0.006	2.0	0.20	4,385.78
Energy Grade at 2 (ft)	Hydraulic Grade at 1 (ft)	Hydraulic Grade at 2 (ft)	Flow Area (ft ²)	Wetted Perimeter (ft)	Velocity (ft/s)
4,402.26	4,437.53	4,385.19	0.3	2.1	33.15
4,346.86	4,384.47	4,329.79	0.3	2.1	33.15
4,374.78	4,384.47	4,373.47	0.0	0.5	9.17
Velocity Head (ft)	Friction Slope (ft/ft)	Notes	Messages		
17.07	0.195				
17.07	0.195				
1.31	0.095				