



Summary of Test Hole Information and Coordinates



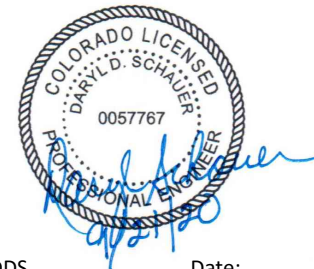
Project Name: 35th Avenue Non-Potable Water	General Location: 35th Avenue between C Street and F Street	Field Manager: R. Morgan
Client Name: Olsson		Technicians: JM MH
Client Proj. No.:		Vacuum Excavation Truck/Trailer: VT3
SurvWest Proj. No.: P200145	City/Town: Greeley County: Weld State: Colorado	Designating Truck: DT1

Test Hole #	Utility Size, O.D. (Inches)	Utility Material (Refer to Legend)	Utility Type (Refer to Legend)	Depth to Top of Utility (Feet)	Cross Sectional View	General Utility Direction	Surface Type and Thickness (Inches) AC - Asphalt Concrete B - Brick PC - Portland Concrete NG - Natural Ground	ID'd By: 1: 5/8" IR W/ CAP 2: Nail/Disk 3: 'X'in Conc. 4: PVC Pipe	Date Test Hole Excavated	Utility Observed (Yes or No)	Survey Point #	Northing (Y) (Feet)	Easting (X) (Feet)	Ground Elevation (Z) (Feet)	Top of Utility Elevation (Feet)	Test Hole Notes
A1	2.0	PVC	E	3.18	○	↗↘	NG	5/8" IR W/ CAP	09/03/2020	YES	43168	1402489.22	3213764.34	4686.19	4683.01	
A2	2.0	PVC	E	2.74	○	↗↘	NG	5/8" IR W/ CAP	09/03/2020	YES	43169	1402552.85	3213777.05	4684.49	4681.75	
B1	UNK	UNK	PL	6.60	○	↕	NG	5/8" IR W/ CAP	09/03/2020	NO	43177	1403428.06	3213770.10	4677.08	4670.48	Unable to obtain utility material type and O.D. due to ground water and cave-ins.
B2	2.0	PE	E	2.70	○	↔	NG	5/8" IR W/ CAP	09/03/2020	YES	43178	1403432.70	3213765.07	4677.52	4674.82	
B3	3 - 1/2"	DBC	FOC	2.26	⊗	↔	NG	5/8" IR W/ CAP	09/03/2020	YES	43179	1403446.63	3213760.37	4677.55	4675.29	
B4	2.0	PE	G	2.58	○	↔	NG	5/8" IR W/ CAP	09/03/2020	YES	43180	1403458.78	3213752.89	4677.43	4674.85	
B5	3 - 1/2"	DBC	E	1.82	⊗	↔	NG	5/8" IR W/ CAP	09/03/2020	YES	43181	1403458.58	3213755.18	4677.43	4675.61	
B6	1 - 2", 1 - 1"	PE / DBC	E / CTV	2.60	⊗	↔	NG	5/8" IR W/ CAP	09/03/2020	YES	43182	1403462.65	3213753.15	4677.52	4674.92	
B7	1.0	DBC	BT	2.84	○	↔	NG	5/8" IR W/ CAP	09/03/2020	YES	43183	1403463.03	3213754.94	4677.44	4674.60	
B8	8.0	PVC	W	6.22	○	↔	AC 6	NAIL / DISK	09/11/2020	YES	43184	1403481.14	3213752.73	4677.63	4671.41	
B9	UNK	UNK	PL	UNK	○	↕	NG	5/8" IR W/ CAP	09/11/2020	NO	43185	1403541.27	3213773.09	4677.19	UNK	Unable to locate due to ground water encountered at 7.86' deep. Estimated utility depth is 20'.
B10	0.5	DBC	CTV	2.32	○	↗↘	NG	5/8" IR W/ CAP	08/31/2020	YES	43176	1403420.78	3213875.05	4678.39	4676.07	
B11	2.0	PE	G	2.16	○	↔	NG	5/8" IR W/ CAP	08/31/2020	YES	43175	1403421.77	3213878.43	4678.25	4676.09	
B12	UNK	UNK	W	UNK	UNK	UNK	AC 15.5+	NAIL / DISK	9/19/2020	NO	DL1008	1403486.97	3213842.85	4678.35	UNK	Asphalt was too thick to core through. Stopped at 15.5"
B13	18.0	DI	W	5.60	○	↔	AC 8	NAIL / DISK	09/11/2020	YES	43173	1403496.44	3213885.01	4678.82	4673.22	
B14	2.0	PE	CTV	2.52	○	↔	AC 10	NAIL / DISK	09/11/2020	YES	43172	1403514.79	3213883.57	4678.60	4676.08	
B15	3 - 1"	DBC	E	3.70	⊗	↗↘	NG	5/8" IR W/ CAP	09/03/2020	YES	43186	1403707.02	3213779.99	4672.27	4668.57	
B19	24.0	CMP	STM	3.64	○	↗↘	NG	5/8" IR W/ CAP	09/01/2020	YES	43174	1403453.50	3213881.00	4678.46	4674.82	
C1	2.5	PE	FOC	2.76	○	↔	NG	5/8" IR W/ CAP	09/09/2020	YES	43276	1404805.02	3213774.27	4672.77	4670.01	
C2	UNK	UNK		UNK	UNK									UNK	Could not electronically locate line in field. Did not dig.	

Notes:

Utility Materials:

STL - Steel	PVC - Polyvinyl Chloride	CSC - Concrete/Steel Cylinder	RCCP - Reinf. Conc. Cyl. Pipe
PE - Polyethylene	DBC - Direct Buried Cable	CMP - Corrugated Metal Pipe	-
AC - Transite	RCP - Reinforced Concrete Pipe	COP - Copper	-
CI - Cast Iron	VC - Vitrified Clay	CONC - Concrete Encased	-
DI - Ductile Iron	FG - Fiberglass	I - Iron Pipe	-



Utility Types:

E - Electric	BT - Buried Telephone	TS - Traffic Signal
G - Gas	FOC - Fiber Optic Cable	FM - Force Main
W - Water	SAN - Sanitary Sewer	-
PL - Product Line	STM - Storm Sewer	-
FL - Fuel Line	CTV - Cable Television	-



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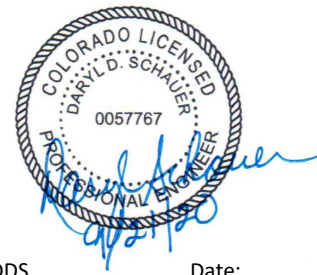
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Client Name: Olsson		Technicians: JM MH
Client Proj. No.:	City/Town: Greeley County: Weld State: Colorado	Vacuum Excavation Truck/Trailer: VT3
SurvWest Proj. No.: P200145		Designating Truck: DT1

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C3	3.0	PE	FOC	6.42	○	↔	NG	5/8"IR W/ CAP	09/09/2020	YES	43277	1404814.16	3213776.78	4674.64	4668.22	
C4	0.5	DBC	BT	6.34	○	↔	NG	5/8"IR W/ CAP	09/09/2020	YES	43278	1404813.93	3213774.48	4674.54	4668.20	
C5	1.0	DBC	BT	3.74	○	↔	NG	5/8"IR W/ CAP	09/09/2020	YES	43279	1404815.01	3213776.30	4674.99	4671.25	
C6	4.0	PE	G	6.46	○	↕	AC 10	NAIL / DISK	09/10/2020	YES	43318	1404840.93	3213787.99	4675.04	4668.58	
C7	3.0	PE	G	4.80	○	↕	AC 10	NAIL / DISK	09/10/2020	YES	43319	1404842.73	3213792.68	4674.98	4670.18	
C8	2 -2", 1 - 1"	PE	FOC	4.00	○○○	↕	AC 6	NAIL / DISK	09/10/2020	YES	43320	1404844.83	3213795.17	4674.97	4670.97	
C9	1.0	DBC	BT	2.78	○	↕	AC 4	NAIL / DISK	09/10/2020	YES	43321	1404846.45	3213798.20	4674.88	4672.10	
C11	1.0	DBC	BT	3.80	○	↔	AC 4	NAIL / DISK	09/10/2020	YES	43322	1404850.39	3213800.08	4674.91	4671.11	
C12	3-1"	PE	FOC	5.36	○○○	↔	AC 5	NAIL / DISK	8/31/2020	YES	43323	1404860.20	3213802.85	4674.92	4669.56	
C13	2.0	PE	G	5.94	○	↔	AC 5	NAIL / DISK	8/31/2020	YES	43324	1404860.57	3213803.57	4674.95	4669.01	
C14	UNK	UNK		UNK										UNK	Could not electronically locate line in field. Did not dig.	
C15	UNK	UNK		UNK										UNK	Could not electronically locate line in field. Did not dig.	
C16	3.0	PE	FOC	6.18	○	↗	AC 8	NAIL / DISK	09/10/2020	YES	43275	1404810.13	3213808.02	4675.22	4669.04	
C16A	UNK	UNK	FOC	UNK		↗	AC 8	NAIL / DISK	09/10/2020	NO				UNK	Unable to locate utility due to cave-ins at 10.44' deep. Estimated depth is 8 - 10'.	
C17	UNK	PE	G	5.10	○	↔	NG	5/8"IR W/ CAP	09/12/2020	YES	43274	1404775.33	3213905.61	4674.79	4669.69	Unable to obtain utility O.D. due to cave-ins.
C18	3.0	PE	G	4.26	○	↔	NG	5/8"IR W/ CAP	09/12/2020	YES	43273	1404795.42	3213892.29	4673.21	4668.95	
C20	UNK	UNK	W	UNK	○	↔	NG	5/8"IR W/ CAP	09/12/2020	NO				UNK	Unable to locate utility due to ground water encountered at 8.54' deep.	
C22	UNK	UNK	PL	UNK	○	↗	NG	5/8"IR W/ CAP	09/14/2020	NO	43328	1405163.22	3213847.79	4676.04	UNK	Unable to locate utility due to ground water encountered at 11.3' deep. Estimated depth is 14 - 15'.
D1	UNK	UNK	STM	UNK			AC 6	PAINT	09/11/2020	NO				UNK	Unable to locate utility due to cave-ins.	
D2	2.0	PE	FOC	3.70	○	↔	NG	5/8"IR W/ CAP	09/13/2020	YES	43268	1406547.63	3213847.56	4672.35	4668.65	

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D3	2 - 2"	PE	FOC	4.66	⊘	↕	NG	5/8" IR W/ CAP	09/13/2020	YES	43269	1406606.17	3213852.78	4672.52	4667.86	
E1	UNK	UNK	G	UNK	○		NG	5/8" IR W/ CAP	08/30/2020	NO	43272	1408431.516	3213803.266	4677.458	UNK	Unable to locate utility due to ground water at 12.7' deep and probed to 16.5' deep. Estimated depth is 15'.
E2	2.0	PVC	CTV	3.20	○	↔	NG	5/8" IR W/ CAP	08/30/2020	YES	43271	1408812.778	3213808.584	4678.504	4675.30	
F1	6.0	AC	W	7.52	○	↘	NG	5/8" IR W/ CAP	08/30/2020	YES	43270	1409662.97	3213856.305	4692.726	4685.21	
STM1	116.0	CONC	STM	3.58	□	↘	NG	NAIL / DISK	9/19/2020	YES	DL1003	1403556.088	3213858.525	4677.439	4673.86	Box culvert exposed on bend.
STM2	116.0	CONC	STM	3.58	□	↘	NG	NAIL / DISK	9/19/2020	YES	DL1005	1403546.968	3213842.357	4677.576	4674.00	

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