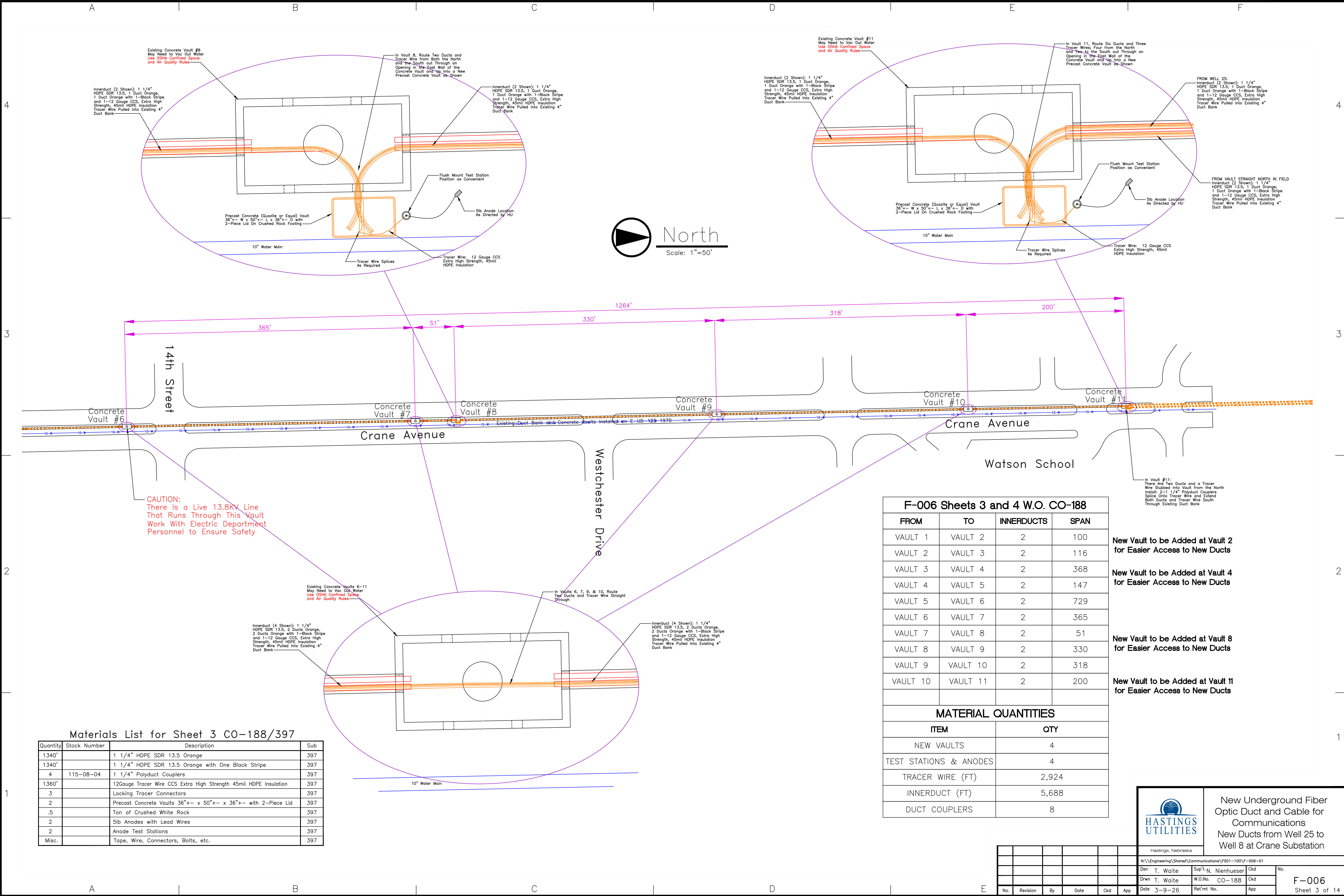




CAUTION:
There is a Live 13.8KV Line
That Runs Through This Vault
Work With Electric Department
Personnel to Ensure Safety

Materials List for Sheet 3 CO-188/397

Quantity	Stock Number	Description	Sub
1340'		1 1/4" HDPE SDR 13.5 Orange	397
1340'		1 1/4" HDPE SDR 13.5 Orange with One Black Stripe	397
4	115-08-04	1 1/4" Polyduct Couplers	397
1360'		12Gauge Tracer Wire CCS Extra High Strength 45mil HDPE Insulation	397
3		Locking Tracer Connectors	397
2		Precast Concrete Vaults 36"x 50"x 36" with 2-Piece Lid	397
.5		Ton of Crushed White Rock	397
2		Silb Anodes with Lead Wires	397
2		Anode Test Stations	397
Misc.		Tape, Wire, Connectors, Bolts, etc.	397

F-006 Sheets 3 and 4 W.O. CO-188			
FROM	TO	INNERDUCTS	SPAN
VAULT 1	VAULT 2	2	100
VAULT 2	VAULT 3	2	116
VAULT 3	VAULT 4	2	368
VAULT 4	VAULT 5	2	147
VAULT 5	VAULT 6	2	729
VAULT 6	VAULT 7	2	365
VAULT 7	VAULT 8	2	51
VAULT 8	VAULT 9	2	330
VAULT 9	VAULT 10	2	318
VAULT 10	VAULT 11	2	200
MATERIAL QUANTITIES			
ITEM		QTY	
NEW VAULTS		4	
TEST STATIONS & ANODES		4	
TRACER WIRE (FT)		2,924	
INNERDUCT (FT)		5,688	
DUCT COUPLERS		8	

New Vault to be Added at Vault 2
for Easier Access to New Ducts

New Vault to be Added at Vault 4
for Easier Access to New Ducts

New Vault to be Added at Vault 8
for Easier Access to New Ducts

New Vault to be Added at Vault 11
for Easier Access to New Ducts

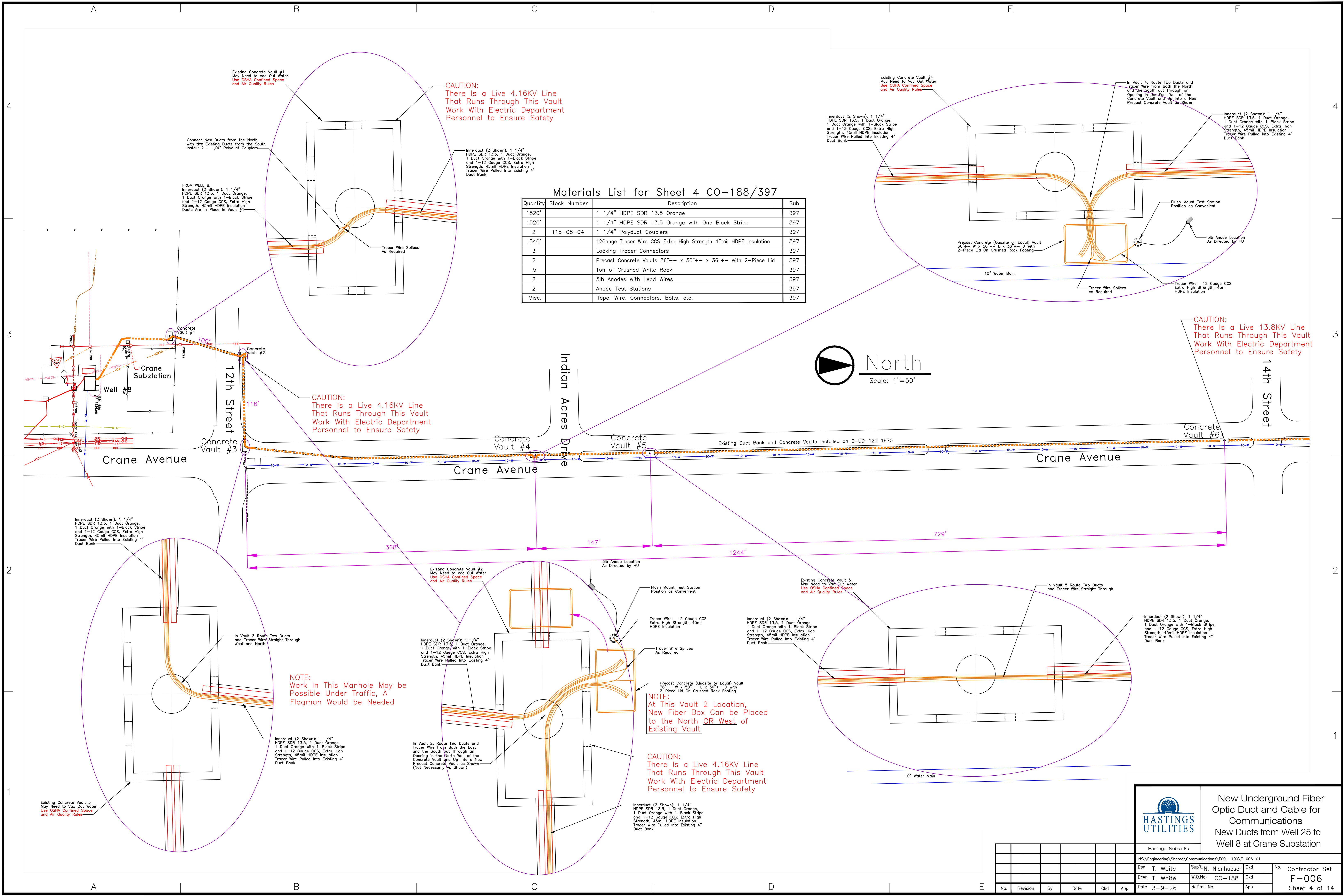


Hastings, Nebraska

New Underground Fiber
Optic Duct and Cable for
Communications
New Ducts from Well 25 to
Well 8 at Crane Substation

N:\Engineering\Shared\Communications\F001-100\F-006-01	
Drwn T. Waite	Sup't N. Nienhueser
Date 3-9-26	Ret'mt No.

F-006	
Sheet 3 of 14	



Materials List for Sheet 4 CO-188/397

Quantity	Stock Number	Description	Sub
1520'		1 1/4" HDPE SDR 13.5 Orange	397
1520'		1 1/4" HDPE SDR 13.5 Orange with One Black Stripe	397
2	115-08-04	1 1/4" Polyduct Couplers	397
1540'		12Gauge Tracer Wire CCS Extra High Strength 45mil HDPE Insulation	397
3		Locking Tracer Connectors	397
2		Precast Concrete Vaults 36"- x 50"- x 36"- with 2-Piece Lid	397
.5		Ton of Crushed White Rock	397
2		5lb Anodes with Lead Wires	397
2		Anode Test Stations	397
Misc.		Tape, Wire, Connectors, Bolts, etc.	397



HASTINGS UTILITIES
Hastings, Nebraska

New Underground Fiber
Optic Duct and Cable for
Communications
New Ducts from Well 25 to
Well 8 at Crane Substation

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Drawn	T. Waite	Sup't	N. Nienhueser	Ckd
Date	3-9-26	W.O.No.	CO-188	Ckd
		Ret'mt No.		App

No.	Revision	By	Date	Ckd	App

No.	Contractor Set
F-006	
Sheet 4 of 14	