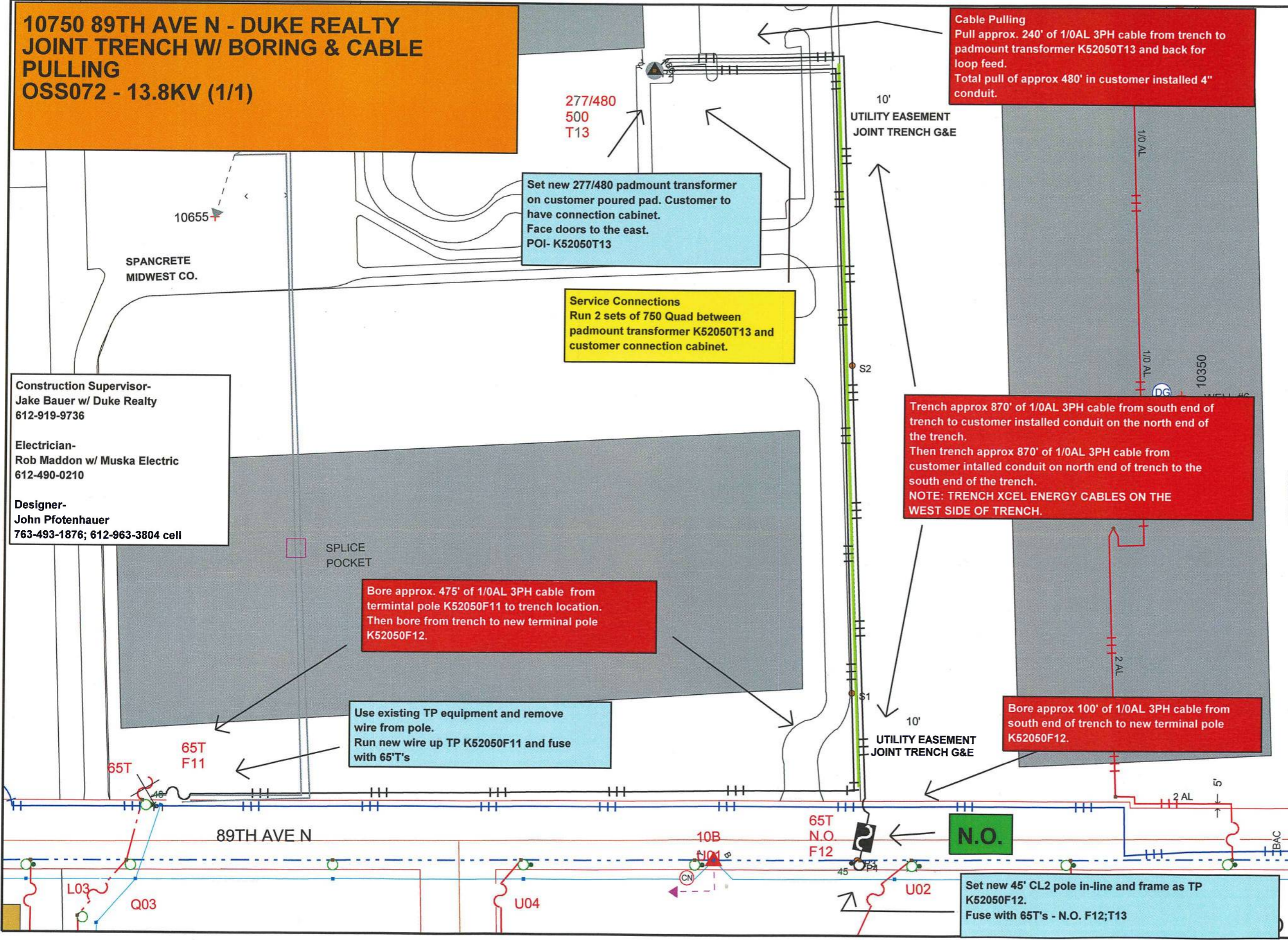


**10750 89TH AVE N - DUKE REALTY
JOINT TRENCH W/ BORING & CABLE
PULLING
OSS072 - 13.8KV (1/1)**



Construction Supervisor-
Jake Bauer w/ Duke Realty
612-919-9736

Electrician-
Rob Maddon w/ Muska Electric
612-490-0210

Designer-
John Pfothenauer
763-493-1876; 612-963-3804 cell

Set new 277/480 padmount transformer on customer poured pad. Customer to have connection cabinet. Face doors to the east. POI- K52050T13

Service Connections
Run 2 sets of 750 Quad between padmount transformer K52050T13 and customer connection cabinet.

Bore approx. 475' of 1/0AL 3PH cable from terminal pole K52050F11 to trench location. Then bore from trench to new terminal pole K52050F12.

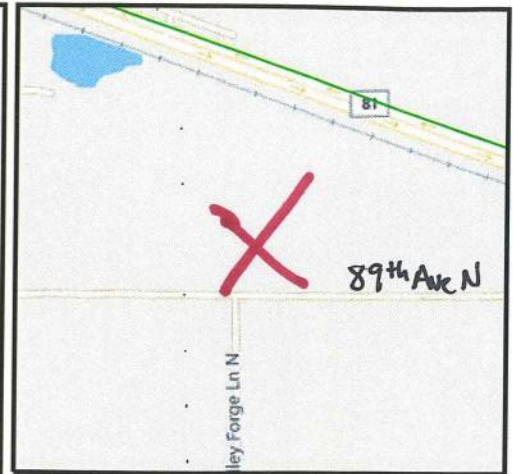
Use existing TP equipment and remove wire from pole. Run new wire up TP K52050F11 and fuse with 65T's

Trench approx 870' of 1/0AL 3PH cable from south end of trench to customer installed conduit on the north end of the trench. Then trench approx 870' of 1/0AL 3PH cable from customer installed conduit on north end of trench to the south end of the trench. NOTE: TRENCH XCEL ENERGY CABLES ON THE WEST SIDE OF TRENCH.

Bore approx 100' of 1/0AL 3PH cable from south end of trench to new terminal pole K52050F12.

Set new 45' CL2 pole in-line and frame as TP K52050F12. Fuse with 65T's - N.O. F12;T13

Cable Pulling
Pull approx. 240' of 1/0AL 3PH cable from trench to padmount transformer K52050T13 and back for loop feed. Total pull of approx 480' in customer installed 4" conduit.



Work Order Information

Service Request #	:	
Design Number	:	00000860651
Designer/Planner ID	:	pfj01
Designer/Planner Name	:	Pfothenauer, John
Designer/Planner Ph #	:	(763) 493-1876
Manager Approval	:	

Joint Utility

E:	G:
T:	C:

Design Location

Division	:	Maple Grove
County	:	Hennepin
City	:	Maple Grove
Address	:	10750 89th Ave N
T: 119N	R: 22W	S: 13
Map #	:	K52050
Permit	:	

Electric

Feeder	:	OSS072	Voltage:	13800 KVA
Phase	:	ABC	Bkup Dev ID:	

Gas

System	:	Pressure	:	
Size	:	Material	:	
Dead End	:			

Work Order #

Date: 04/25/2019
Sketch: 1 Of 1 Sketch Data
Scale: 1" equals 100'



CONSTRUCTION USE ONLY

- NO CHANGES (BUILT AS DESIGNED)
- CHANGES MADE AS INDICATED (ALL URD MUST HAVE ACTUAL MEASUREMENTS FROM THE FIELD SITE)

RFO _____
FOREMAN _____ DATE _____
TEAM LEADER _____

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