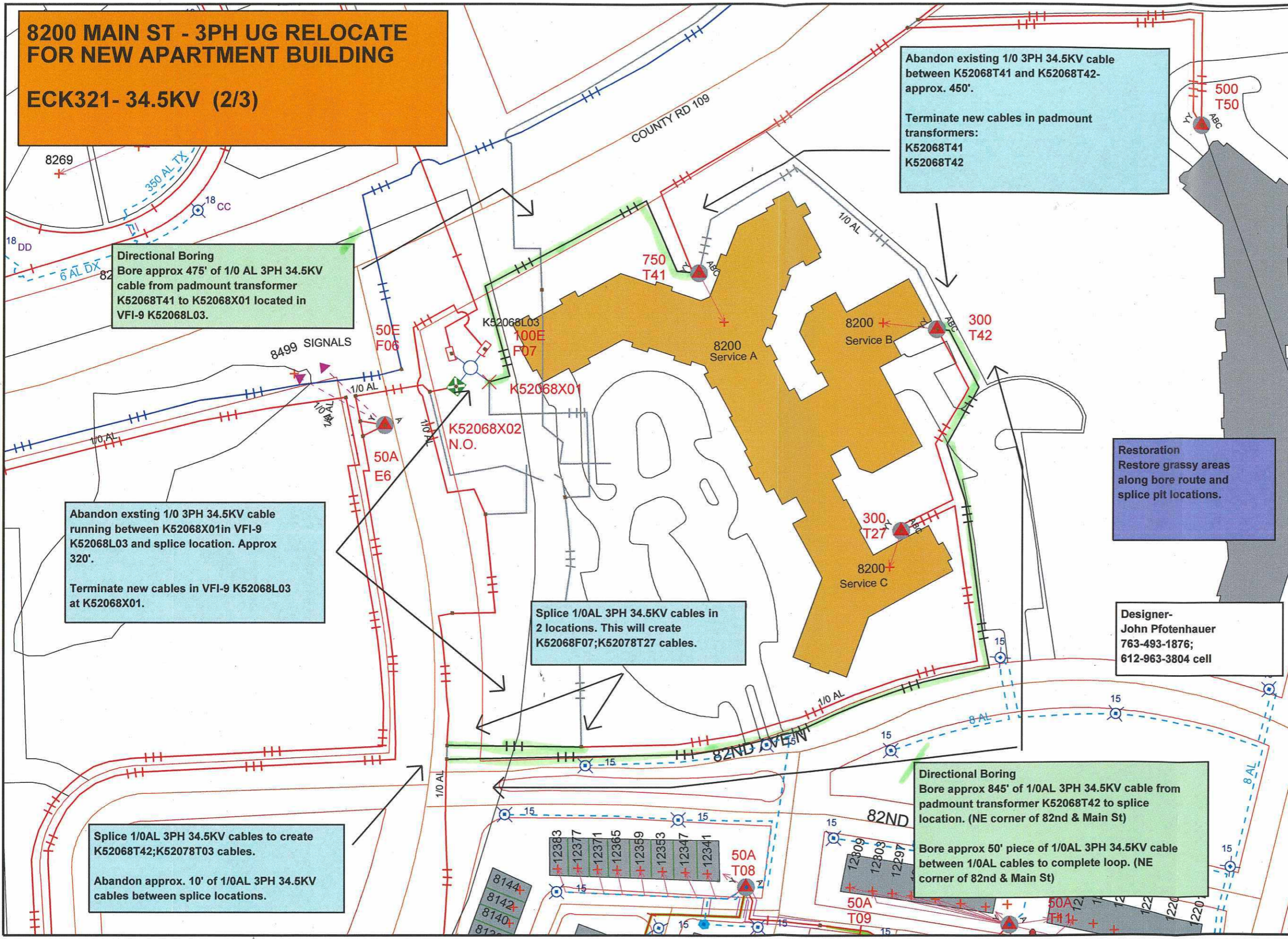


**8200 MAIN ST - 3PH UG RELOCATE FOR NEW APARTMENT BUILDING**  
**ECK321- 34.5KV (2/3)**



Abandon existing 1/0 3PH 34.5KV cable between K52068T41 and K52068T42- approx. 450'.  
 Terminate new cables in padmount transformers:  
 K52068T41  
 K52068T42

Directional Boring  
 Bore approx 475' of 1/0 AL 3PH 34.5KV cable from padmount transformer K52068T41 to K52068X01 located in VFI-9 K52068L03.

Abandon existing 1/0 3PH 34.5KV cable running between K52068X01 in VFI-9 K52068L03 and splice location. Approx 320'.  
 Terminate new cables in VFI-9 K52068L03 at K52068X01.

Splice 1/0AL 3PH 34.5KV cables in 2 locations. This will create K52068F07;K52078T27 cables.

Restoration  
 Restore grassy areas along bore route and splice pit locations.

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

Splice 1/0AL 3PH 34.5KV cables to create K52068T42;K52078T03 cables.  
 Abandon approx. 10' of 1/0AL 3PH 34.5KV cables between splice locations.

Directional Boring  
 Bore approx 845' of 1/0AL 3PH 34.5KV cable from padmount transformer K52068T42 to splice location. (NE corner of 82nd & Main St)  
 Bore approx 50' piece of 1/0AL 3PH 34.5KV cable between 1/0AL cables to complete loop. (NE corner of 82nd & Main St)



Work Order Information	
Service Request #	:
Design Number	: 00000891557
Designer/Planner ID	: pftj01
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	: 8200 MAIN ST
T: 119N	R: 22W S: 23
Map #	: K52078 Permit :

Electric	
Feeder	: ECK321 Voltage: 34.5KV
Phase	: ABC Bkup Dev ID:

Gas	
System	: Pressure :
Size	: Material :
Dead End	:

Work Order # :  
 Date: 09/04/2019  
 Sketch: 1 Of 1 Sketch Data  
 Scale: 1" equals 100'



CONSTRUCTION USE ONLY	
<input type="checkbox"/>	NO CHANGES (BUILT AS DESIGNED)
<input type="checkbox"/>	CHANGES MADE AS INDICATED (ALL URD MUST HAVE ACTUAL MEASUREMENTS FROM THE FIELD SITE)

RFO \_\_\_\_\_  
 FOREMAN \_\_\_\_\_ DATE \_\_\_\_\_  
 TEAM LEADER \_\_\_\_\_

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