

**TESLA SUPERCHARGER- 15300 GROVE CIR., MG
SPLICE, TRENCH & SET NEW 1000KVA PADMOUNT.
REPLACE FUSED LBC W/ NEW PMH-9 TO HANDLE NEW
LOAD.**

ECK081- 13.8KV (1/1); ECK082 - 13.8KV (1/2)

Service Connections
Make connections at new padmount K52004T29.
Customer is running 4 sets of 600MCM AL
secondary for a 1600A service.

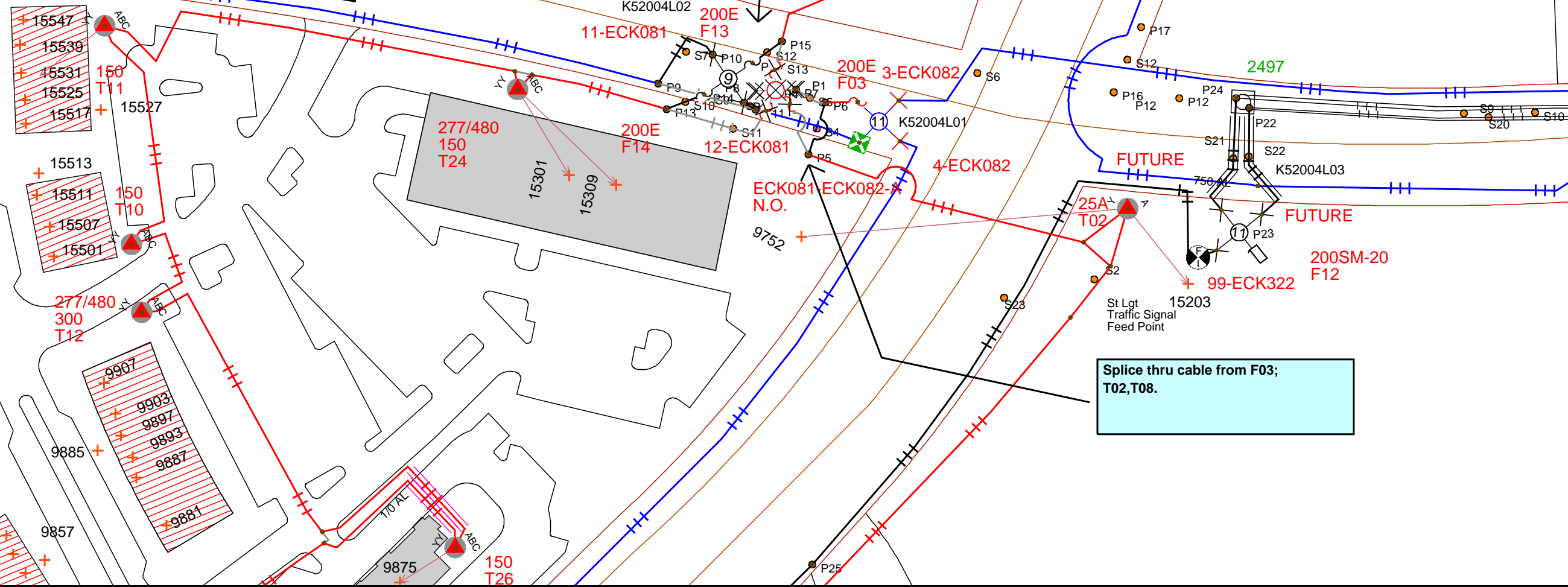
Remove 3PH LBC with 3 fused taps- K52004W01.
Set new PMH-9 K52004L02.
Switches:
11-ECK081 -Splice 750AL to 1000AL
12-ECK081- Splice 750AL to 1000AL
Fuses:
K52004F13- 200E will feed tap F13;T29 to the north. Splice
1/0AL to 1/0AL.
K52004F14- 200E will feed tap F14;T24 to the west. Splice
1/0AL to 1/0AL.

Splice into existing 3-PH primary in 2 locations
and trench approx 10' to padsite.
Set new 277/480 1000KVA padmount
transformer and pad.
POI- K52004T29.

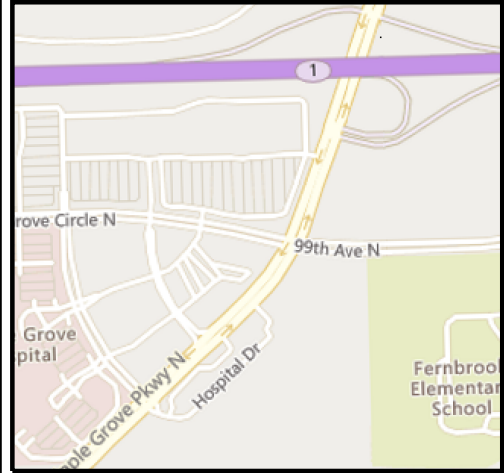
W MAPLE GROVE PKWY

277/480
1000
T29

GROVE CIR



Splice thru cable from F03;
T02, T08.



Work Order Information	
Service Request #	:
Design Number	: 000001024890
Designer/Planner ID	: pftj01
Designer/Planner Name	: Pfothenauer, John
Designer/Planner Ph #	: (612) 963-3804
Manager Approval	:

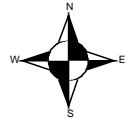
Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: HENNEPIN
City	: MAPLE GROVE
Address	: 15300 GROVE CIR
T: 119N	R: 22W S: 9
Map #	: K52004 Permit :

Electric	
Feeder: ECK081	Voltage: 13.8 KV
Phase: ABC	Bkup Dev ID:

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

Work Order # :
Date: 07/16/2021
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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