

INSTALLS

P1-
Rebuild existing pole as 3PH light-angle pole. Remove existing 25KVA OH tub J100 V02- area lighting will be fed from another location.

P2-
Set new 45' CL2 TP pole J51100F07 approx. 10ft north of existing TP pole J51100F03. Splice onto existing 1/0AL 1PH cable and trench to new pole location. Fuse with 40K fuse J51100F07.

P3-
Build existing pole into heavy angle 3PH pole with dead-end extension. Fuse to north with 40K fuse K51091F05.

P4-
Set new 45' CL2 medium angle pole and hang new 25KVA OH tub K51091T04. This will be used for future lighting.

P5-
Set new 45' CL2 3PH dead-end pole with 1PH extension. Guy pole as needed.

P6-
Set new 45' CL2 1PH tangent pole.

S1- String new 556AL 3PH between existing pole P1 and new pole P2. Approx 205'.
S2- String new 556AL 3PH between new pole P2 and existing pole P3. Approx 105'.
S3- String new 556AL 3PH between existing pole P3 and new pole P4. Approx 220'.
S4- String new 556AL 3PH between new pole P4 and new pole P5. Approx 120'.

**101ST AVE N, MG
OH RELOCATE FOR ROAD
IMPROVEMENT**

ECK322- 34.5KV (2/4) PG. 1



Onsite Contact-
Cody Blehr w/ Stantec 701-202-8273

Designer-
John Pfothenauer 612-963-3804

Work Order Information	
Service Request #	:
Design Number	: 000001074697
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	: 101st AVE N
T: 119N	R: 22W S: 6
Map #	: K51091
Permit	:

Electric	
Feeder: ECK322	Voltage: 34.5KV
Phase: ABC	Bkup Dev ID:

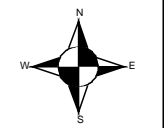
Gas	
System	: Pressure
Size	: Material
Dead End	:

Work Order # : 000107650741

Date: 05/26/2022

Sketch: 1 Of 2 Sketch Data

Scale: 1" equals 100'



CONSTRUCTION USE ONLY

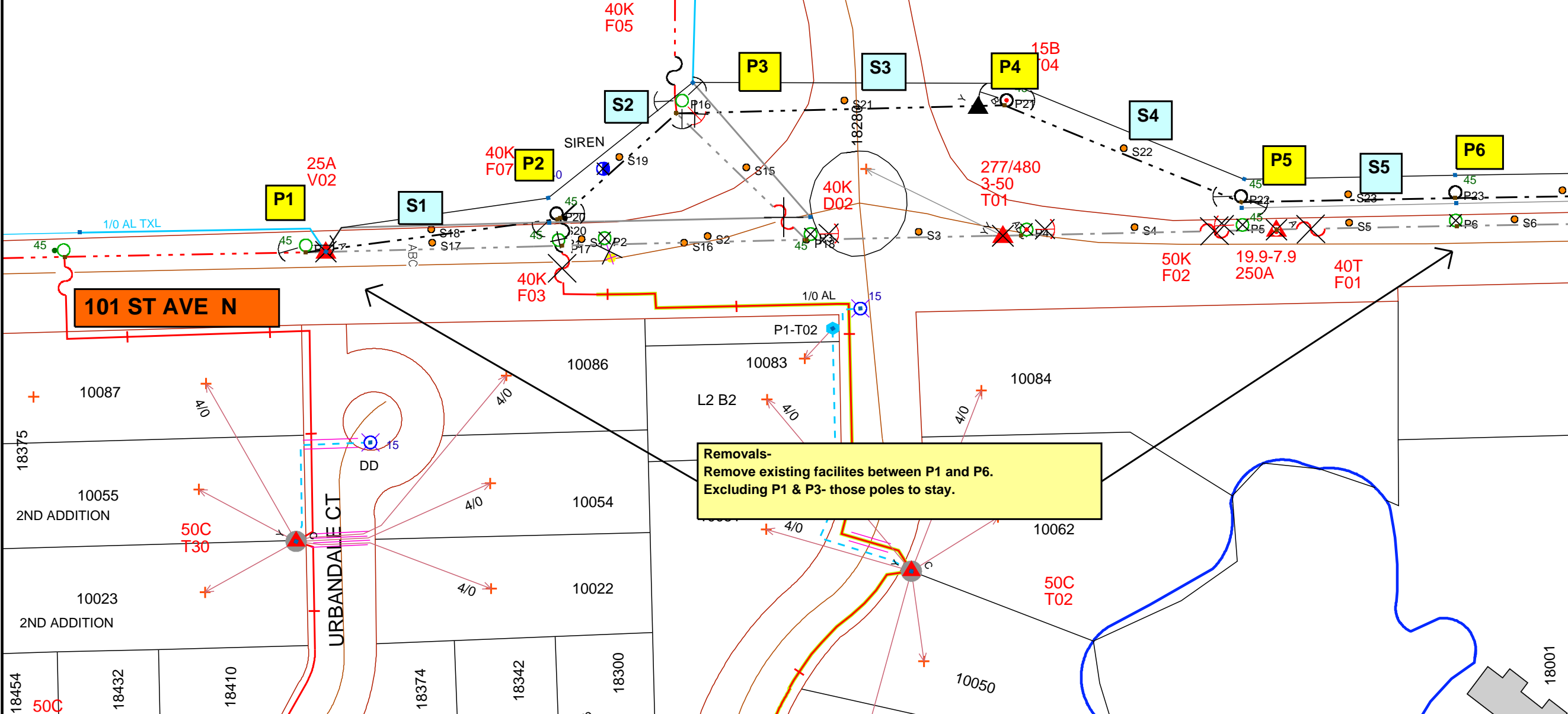
NO CHANGES (BUILT AS DESIGNED)

CHANGES MADE AS INDICATED (ALL URD MUST HAVE ACTUAL MEASUREMENTS FROM THE FIELD SITE)

RFO _____

FOREMAN _____ DATE _____

TEAM LEADER _____



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