

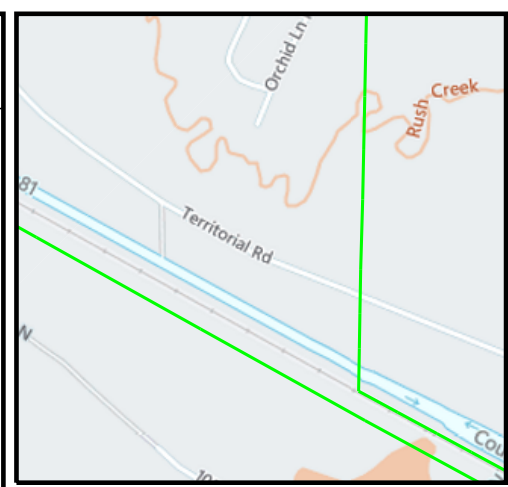
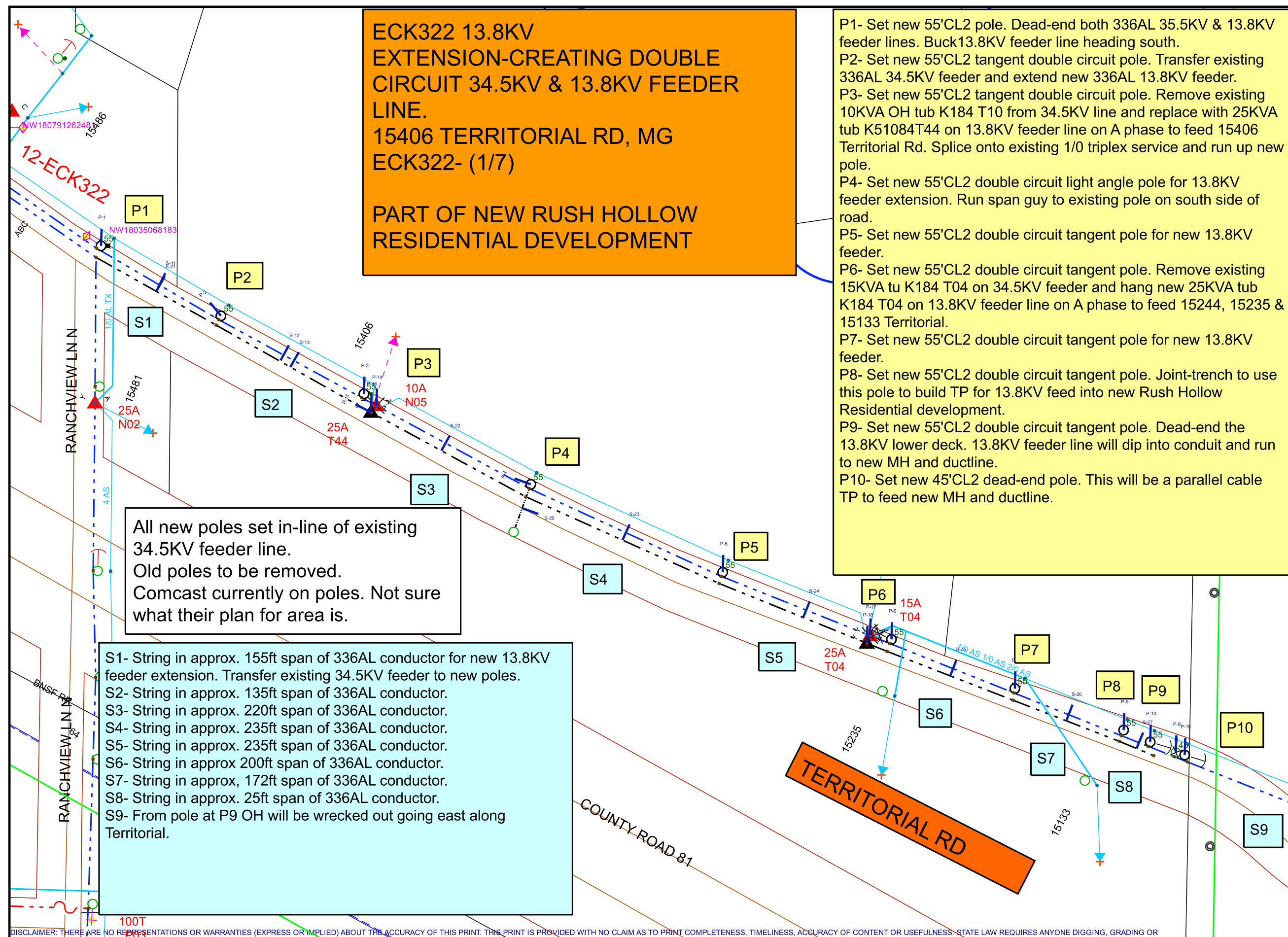
**ECK322 13.8KV
EXTENSION-CREATING DOUBLE
CIRCUIT 34.5KV & 13.8KV FEEDER
LINE.
15406 TERRITORIAL RD, MG
ECK322- (1/7)**

**PART OF NEW RUSH HOLLOW
RESIDENTIAL DEVELOPMENT**

P1- Set new 55'CL2 pole. Dead-end both 336AL 35.5KV & 13.8KV feeder lines. Buck 13.8KV feeder line heading south.
P2- Set new 55'CL2 tangent double circuit pole. Transfer existing 336AL 34.5KV feeder and extend new 336AL 13.8KV feeder.
P3- Set new 55'CL2 tangent double circuit pole. Remove existing 10KVA OH tub K184 T10 from 34.5KV line and replace with 25KVA tub K51084T44 on 13.8KV feeder line on A phase to feed 15406 Territorial Rd. Splice onto existing 1/0 triplex service and run up new pole.
P4- Set new 55'CL2 double circuit light angle pole for 13.8KV feeder extension. Run span guy to existing pole on south side of road.
P5- Set new 55'CL2 double circuit tangent pole for new 13.8KV feeder.
P6- Set new 55'CL2 double circuit tangent pole. Remove existing 15KVA tu K184 T04 on 34.5KV feeder and hang new 25KVA tub K184 T04 on 13.8KV feeder line on A phase to feed 15244, 15235 & 15133 Territorial.
P7- Set new 55'CL2 double circuit tangent pole for new 13.8KV feeder.
P8- Set new 55'CL2 double circuit tangent pole. Joint-trench to use this pole to build TP for 13.8KV feed into new Rush Hollow Residential development.
P9- Set new 55'CL2 double circuit tangent pole. Dead-end the 13.8KV lower deck. 13.8KV feeder line will dip into conduit and run to new MH and ductline.
P10- Set new 45'CL2 dead-end pole. This will be a parallel cable TP to feed new MH and ductline.

All new poles set in-line of existing 34.5KV feeder line. Old poles to be removed. Comcast currently on poles. Not sure what their plan for area is.

S1- String in approx. 155ft span of 336AL conductor for new 13.8KV feeder extension. Transfer existing 34.5KV feeder to new poles.
S2- String in approx. 135ft span of 336AL conductor.
S3- String in approx. 220ft span of 336AL conductor.
S4- String in approx. 235ft span of 336AL conductor.
S5- String in approx. 235ft span of 336AL conductor.
S6- String in approx 200ft span of 336AL conductor.
S7- String in approx, 172ft span of 336AL conductor.
S8- String in approx. 25ft span of 336AL conductor.
S9- From pole at P9 OH will be wrecked out going east along Territorial.



Designer-
John Pfothenauer
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Work Order Information	
Service Request #	: 000013965010
Design Number	: 000001136599
Designer/Planner ID	: PFTJ01
Designer/Planner Name	:
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	: TERRITORIAL RD
T: 119N	R: 22W S: 4
Map #	: K51084 Permit :

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

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

Work Order # :
Date: 08/14/2023
Sketch: 1 Of 1 Sketch Data
Scale: 1" equals 108'



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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