

EVANWOOD DEVELOPMENT
MAPLE GROVE, MN
ELECTRIC LAYOUT

JOINT TRENCH DESIGNER
VUE VANG
612-597-7975
VUE.VANG@XCELENERGY.COM

SERVICE DESIGNER:
ROSS FULLER
ROSS.J.FULLER@XCELENERGY.COM

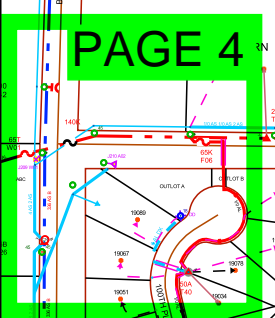
DEVELOPER:
TRACY RUST
TRACEY.RUST@SOTARRA.COM
952-221-2566

PROJECT NOTE
RUN #2AL PRIMARY (A & B) PHASE (15KV)
IN JOINT TRENCH W/GAS, CATV AND
COMMS. RUN JOINT TRENCH IN DRAIN
AND UTILITY EASEMENT 25'-35' FROM
CENTERLINE. RUN 350AL TO PEDS AND
RUN 4/0AL TO SERVICE STUB.

FEEDER: ECK322 (35KV), AFTER
STEP-DOWN (15KV)
AVERAGE HOME SQ FT: 3,000
MAP BOUNDARY: K51091
SERVICE RUN LINE: <250'

UG MATERIALS
50KVA XTFMRMS: 10
PEDS: 6
#2AL PRIMARY: 4,140'
350AL SECONDARY: 810'
4/0AL TX SVC: 6,413

OH MATERIALS
500KVA STEP-DOWN XTMRMS: 2
#2 ACSR: 5,334'
140K FUSE: 3
80K FUSE: 2
60T FUSE: 2



PAGE 1 OF 4

PAGE 2

PAGE 3

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Work Order Information	
Service Request #	: 000013386306
Design Number	: 000001094692
Designer/Planner ID	: 248848
Designer/Planner Name	:
Designer/Planner Ph #	: (000) 000-0000
Manager Approval	:

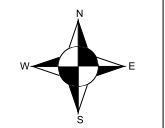
Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: Hennepin
City	: Maple Grove
Address	:
T: 119N	R: 22W S: 6
Map # : J51100	Permit :

Electric	
Feeder:	Voltage:
Phase:	Bkup Dev ID:

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

Work Order # :
 Date: 10/10/2022
 Sketch: # Of # Sketch Data
 Scale: 1" equals 386'



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RFO _____
 FOREMAN _____ DATE _____
 TEAM LEADER _____

**EVANWOOD DEVELOPMENT
MAPLE GROVE, MN**

**UG PRIMARY BEHIND STEP-DOWN
XFMR SHOULD BE 7.9KV**

HIGH-LIGHTED BROWN
 -INSTALL 3PH (#2ACSR) EXTENSION
 -INSTALL 5 TANGENT BUILD (REF: C-20)
 -INSTALL 1 MEDIUM-ANGLE BUILD (REF: C-32)
 -INSTALL 1 FALSE DEAD-END BUILD (REF: C-48)
 *EXISTING POLES WAS REPLACED BY LOCAL

STUB FOR FUTURE

PROJECT NOTE
 RUN #2AL PRIMARY (A & B) PHASE (15KV) IN JOINT TRENCH W/GAS, CATV AND COMMS. RUN JOINT TRENCH IN DRAIN AND UTILITY EASEMENT 25'-35' FROM CENTERLINE. RUN 350AL TO PEDS AND RUN 4/0AL TO SERVICE STUB.

FEEDER: ECK322 (35KV), AFTER STEP-DOWN (15KV)
 AVERAGE HOME SQ FT: 3,000
 MAP BOUNDARY: K51091
 SERVICE RUN LINE: <250'

SIDEWALK/TRAIL: 

UG MATERIALS
 50KVA XTFRMRS: 10
 PEDS: 6
 #2AL PRIMARY: 4,140'
 350AL SECONDARY: 810'
 4/0AL TX SVC: 6,413

OH MATERIALS
 500KVA STEP-DOWN XTFRS: 2
 #2 ACSR: 5,334'
 140K FUSE: 3
 80K FUSE: 2
 60T FUSE: 2

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 952-221-2566

HIGHT-LIGHTED YELLOW
 *POLES & OH CONDUCTOR WAS REPLACED BY LOCAL

INSTALL MEDIUM-ANGLE BUILD (REF: C-32)

INSTALL FALSE DEAD-END BUILD (REF: C-48)

INSTALL TANGENT BUILD (REF: C-20)

INSTALL STEP-DOWN XFMRM (REF E-110)

DIR. BORE - 400' FROM TP TO ENTRANCE

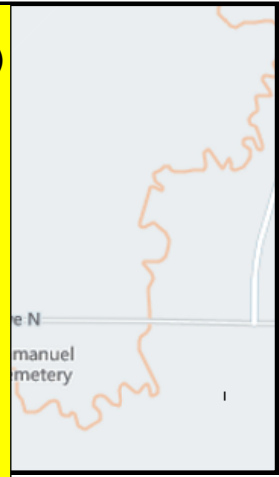
IRRIGATION



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Information	
000013386306	
000001094692	
248848	
(000) 000-0000	
Joint Utility	
G:	
C:	
Design Location	Maple Grove
County	Hennepin
City	Maple Grove
Permit	
Electric	
Stage:	
Rev ID:	
Gas	
Pressure:	
Material:	

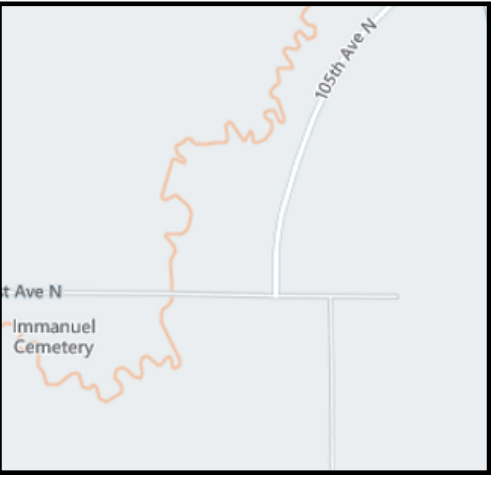
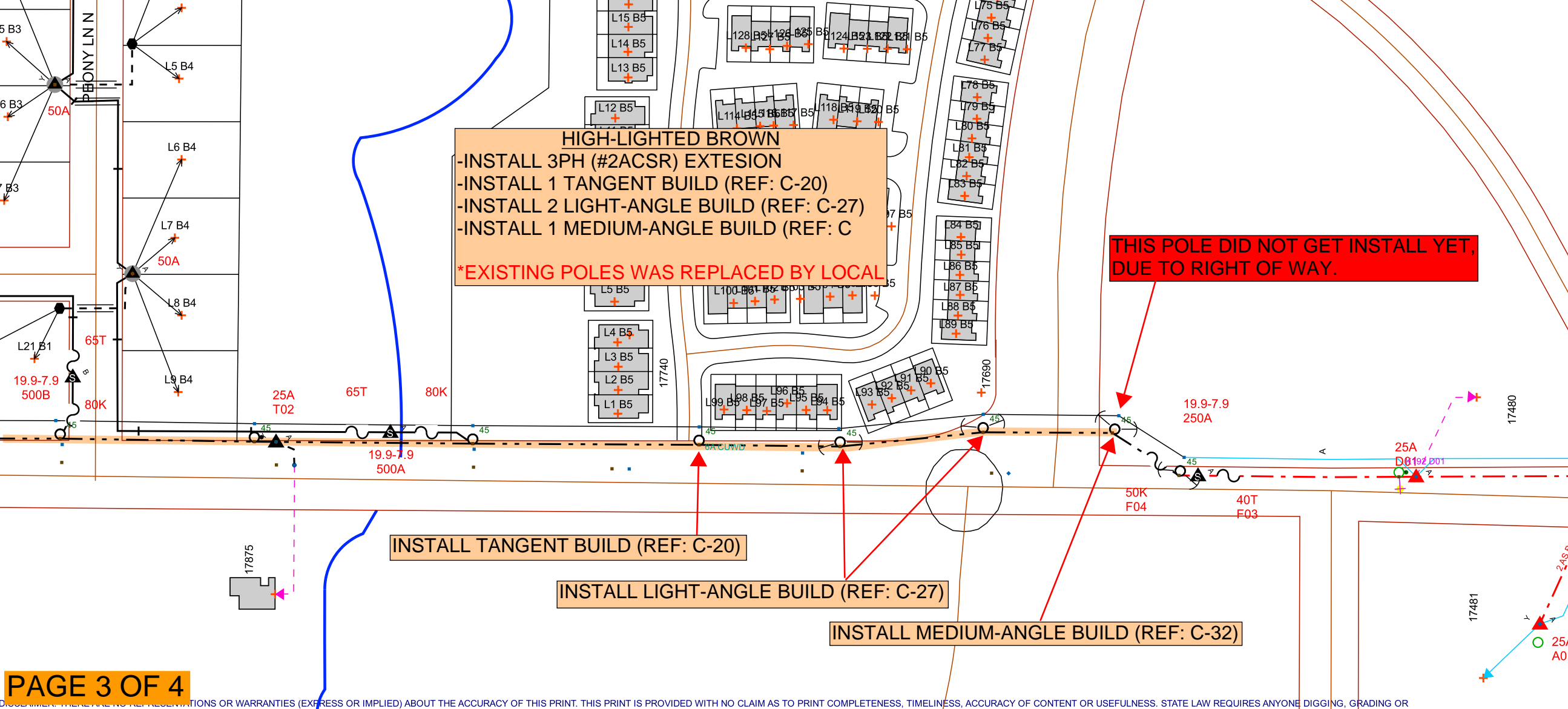


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Designer/Planner Ph #	: (000) 000-0000
Manager Approval	:

Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: Hennepin
City	: Maple Grove
Address	:
T: 119N	R: 22W S: 6
Map #	: K51091
Permit	:

Electric	
Feeder:	Voltage:
Phase:	Bkup Dev ID:

Gas	
System	: Pressure
Size	: Material
Dead End	:

Work Order # :
Date: 10/10/2022
Sketch: # Of # Sketch Data
Scale: 1" equals 129'



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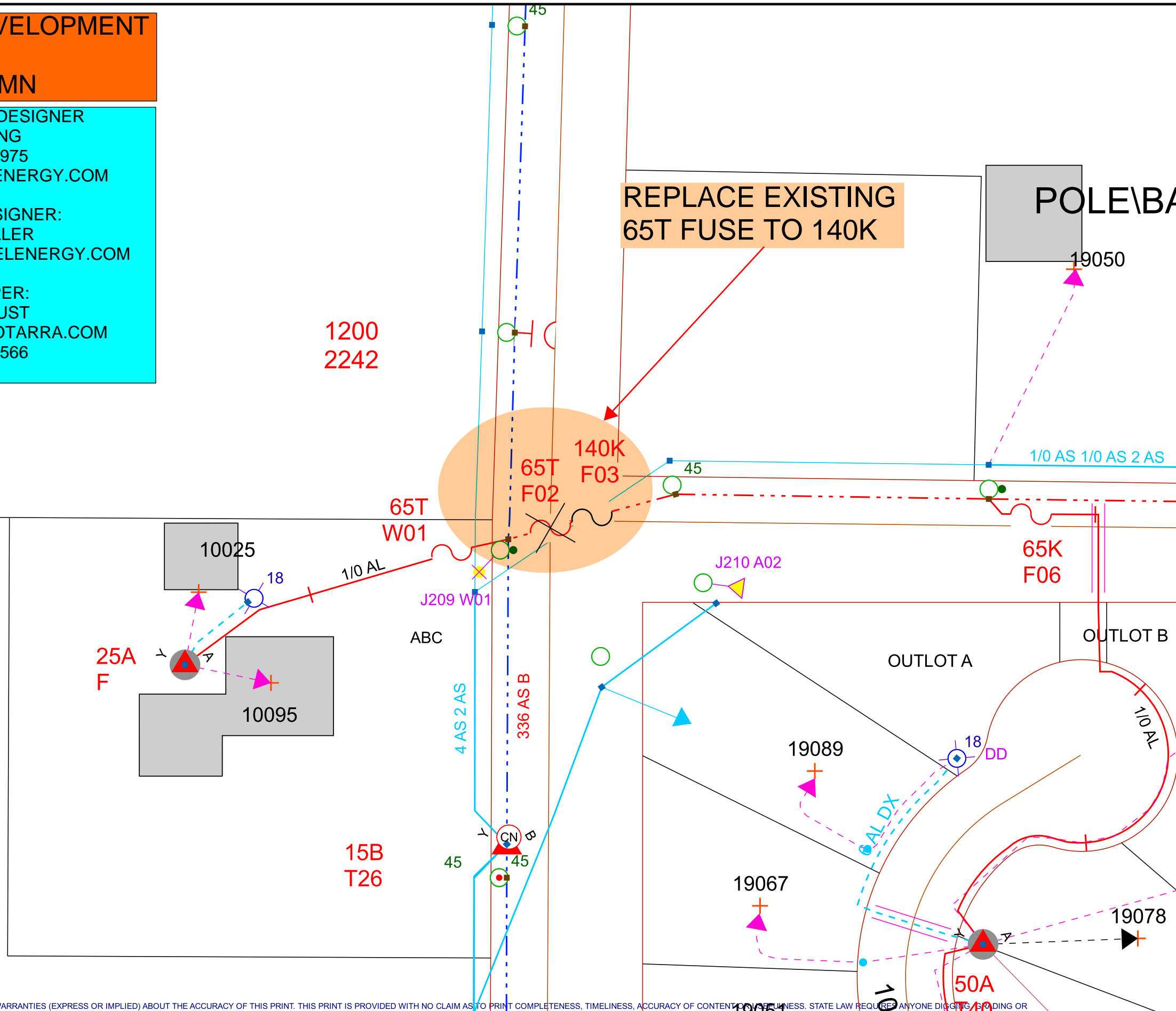
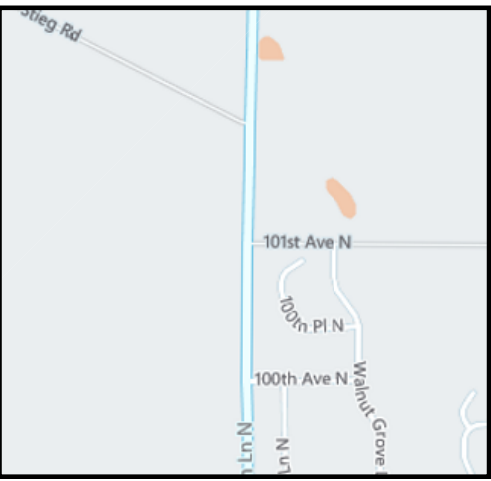
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Designer/Planner Ph #	: (000) 000-0000
Manager Approval	:

Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: Hennepin
City	: Corcoran
Address	:
T: 119N	R: 23W S: 1
Map # : J51099	Permit :

Electric	
Feeder:	Voltage:
Phase:	Bkup Dev ID:

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

Work Order # :
 Date: 10/10/2022
 Sketch: # Of # Sketch Data
 Scale: 1" equals 62'

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