

**DESIGNER:**  
 CHARLIE WILWERT  
 EMAIL:  
 CHARLIE.J.WILWERT@XCELENERGY.COM  
 CELL:  
 612-456-9260

**SERVICE DESIGNER:**  
 EVAN FULLER  
 EMAIL:  
 EVAN.J.FULLER@XCELENERGY.COM  
 PHONE:  
 952-693-1185

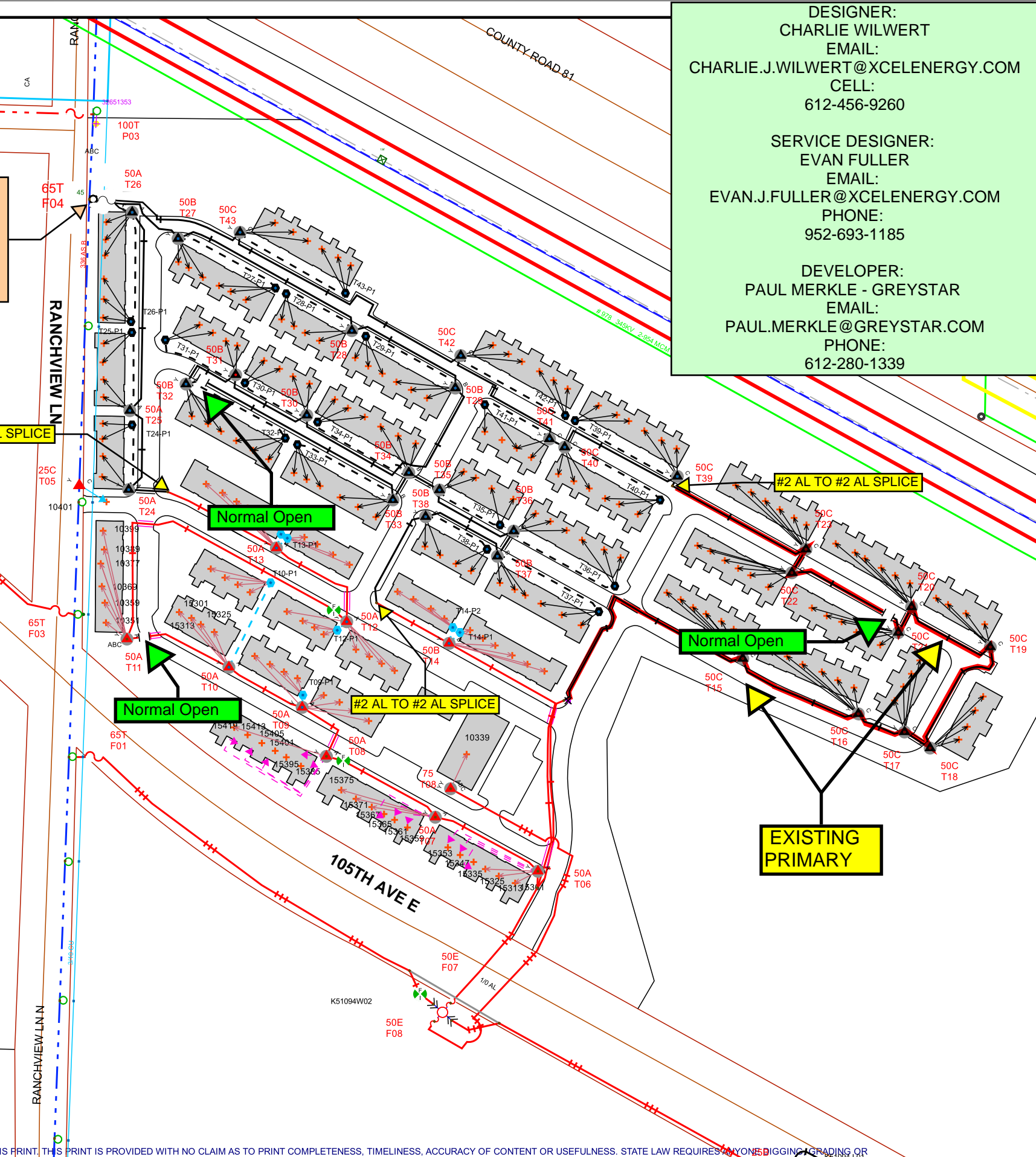
**DEVELOPER:**  
 PAUL MERKLE - GREYSTAR  
 EMAIL:  
 PAUL.MERKLE@GREYSTAR.COM  
 PHONE:  
 612-280-1339



UPGRADE TO 45' POLE AND TAP OFF WITH A PHASE PRIMARY  
 REMOVE:  
 - 40' FT POLE  
 INSTALL:  
 - 45' FT CLASS 2 POLE  
 - 65T FUSE  
 - 3PH TERMINAL POLE BUILD (REF. L-36)  
 - 3PH TANGENT BUILD (REF. C-20)

**PROJECT NOTES:**  
 INSTALL #2 AL PRIMARY IN JOINT TRENCH W/ GAS, PHONE AND CATV. RUN TRENCH IN UTILITY EASEMENT (SEE PLAT). UPGRADE EXISTING 40' FT POLE TO 45' FT POLE NEAR TRANSFORMER T26 (SEE LAYOUT) **A PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMERS T13 AND T24 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T26 (SEE LAYOUT) ADD A PHASE NORMAL OPEN AT EXISTING TRANSFORMER T11 TOWARDS EXISTING TRANSFORMER T10. **B PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMER T38 AND EXISTING TRANSFORMER T12 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T26 (SEE LAYOUT). ADD B PHASE NORMAL OPEN AT TRANSFORMER T32 TOWARDS TRANSFORMER T33 (SEE LAYOUT). **C PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMER T39 AND EXISTING TRANSFORMER T23 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T23 (SEE LAYOUT). ADD NORMAL OPEN TO EXISTING TRANSFORMER T21 TOWARDS EXISTING TRANSFORMER T22 (SEE LAYOUT). DEVELOPER TO STAKE ALL BUILDING CORNERS, TRANSFORMER AND PEDESTAL LOCATIONS AND MARK OUT ANY SIDEWALKS LOCATIONS.

**FEEDER:** ECK322 (15KV BEHIND 35KV STEPDOWN)  
**AVG SQ FT:** <2,500 SQ FT  
**MAP BOUNDARY:** K51084  
**LONGEST SVC RUN:** <250'  
**UG MATERIALS**  
 50KVA XFRMR = 20  
 PEDESTAL = 20  
 #2AL PRIMARY = 4,695' FT  
 350AL = 3,666' FT



Work Order Information	
Service Request #	: 000013572428
Design Number	: 000001110584
Designer/Planner ID	: 302157
Designer/Planner Name	:
Designer/Planner Ph #	: (000) 000-0000
Manager Approval	:

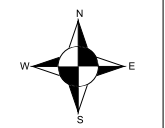
Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: Hennepin
City	: Maple Grove
Address	:
T: 119N R: 22W S: 4	
Map # : K51084	Permit :

Electric	
Feeder:	Voltage:
Phase:	Bkup Dev ID:

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

Work Order # :  
 Date: 05/04/2023  
 Sketch: # Of # Sketch Data  
 Scale: 1" equals 167'



**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 \_\_\_\_\_

THIS PRINT IS PROVIDED WITH NO CLAIM AS TO PRINT COMPLETENESS, TIMELINESS, ACCURACY OF CONTENT OR USEFULNESS. STATE LAW REQUIRES ANYONE DIGGING, GRADING OR EXCAVATING TO OBTAIN A PRIOR FIELD LOCATE OF ALL UTILITIES. THIS PRINT DOES NOT DISCHARGE THIS REQUIREMENT OR ANY OTHER REQUIREMENT. THE COMPANY AND ITS AFFILIATES ASSUME NO LEGAL RESPONSIBILITY OR LIABILITY FOR THE RECIPIENT'S USE (OR ANY OTHER PARTIES' USE) OF THE PRINT, INCLUDING THE RECIPIENT'S INTENDED PURPOSE IN USING THE PRINT. NO COMPANY EMPLOYEE OR OTHER PARTY HAS BEEN AUTHORIZED TO PROVIDE THIS PRINT FOR PLANNING OR ESTIMATING PURPOSES; RELY ON THIS PRINT AT YOUR OWN RISK. BY ACCEPTING THIS PRINT, THE RECIPIENT & ANY OTHER PARTY RECEIVING A COPY OF THE PRINT ACKNOWLEDGES AND AGREES TO THIS DISCLAIMER. For All Field Locates Call 811

**SUMMERWELL TOWNHOMES 3RD**

MAPLE GROVE

ELECTRIC SKETCH

PAGE 2 OF 3

UPGRADE TO 45' POLE AND TAP OFF WITH A PHASE PRIMARY  
 REMOVE:  
 - 40' FT POLE  
 INSTALL:  
 - 45' FT CLASS 2 POLE  
 - 65T FUSE  
 - 3PH TERMINAL POLE BUILD (REF. L-36)  
 - 3PH TANGENT BUILD (REF. C-20)

**PROJECT NOTES:**  
 INSTALL #2 AL PRIMARY IN JOINT TRENCH W/ GAS, PHONE AND CATV. RUN TRENCH IN UTILITY EASEMENT (SEE PLAT). UPGRADE EXISTING 40' FT POLE TO 45' FT POLE NEAR TRANSFORMER T26 (SEE LAYOUT) **A PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMERS T13 AND T24 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T26 (SEE LAYOUT) ADD A PHASE NORMAL OPEN AT EXISTING TRANSFORMER T11 TOWARDS EXISTING TRANSFORMER T10. **B PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMER T38 AND EXISTING TRANSFORMER T12 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T26 (SEE LAYOUT). ADD B PHASE NORMAL OPEN AT TRANSFORMER T32 TOWARDS TRANSFORMER T33 (SEE LAYOUT). **C PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMER T39 AND EXISTING TRANSFORMER T23 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T23 (SEE LAYOUT). ADD NORMAL OPEN TO EXISTING TRANSFORMER T21 TOWARDS EXISTING TRANSFORMER T22 (SEE LAYOUT). DEVELOPER TO STAKE ALL BUILDING CORNERS, TRANSFORMER AND PEDESTAL LOCATIONS AND MARK OUT ANY SIDEWALKS LOCATIONS.

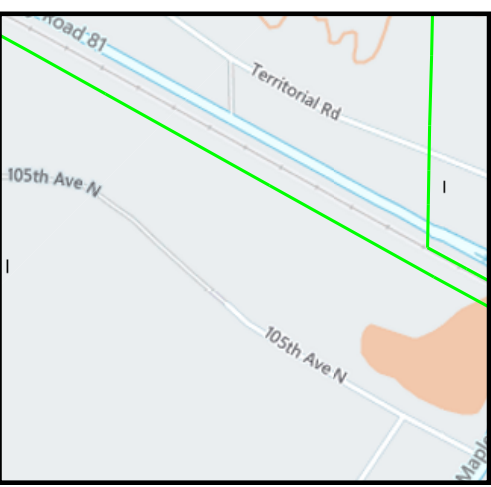
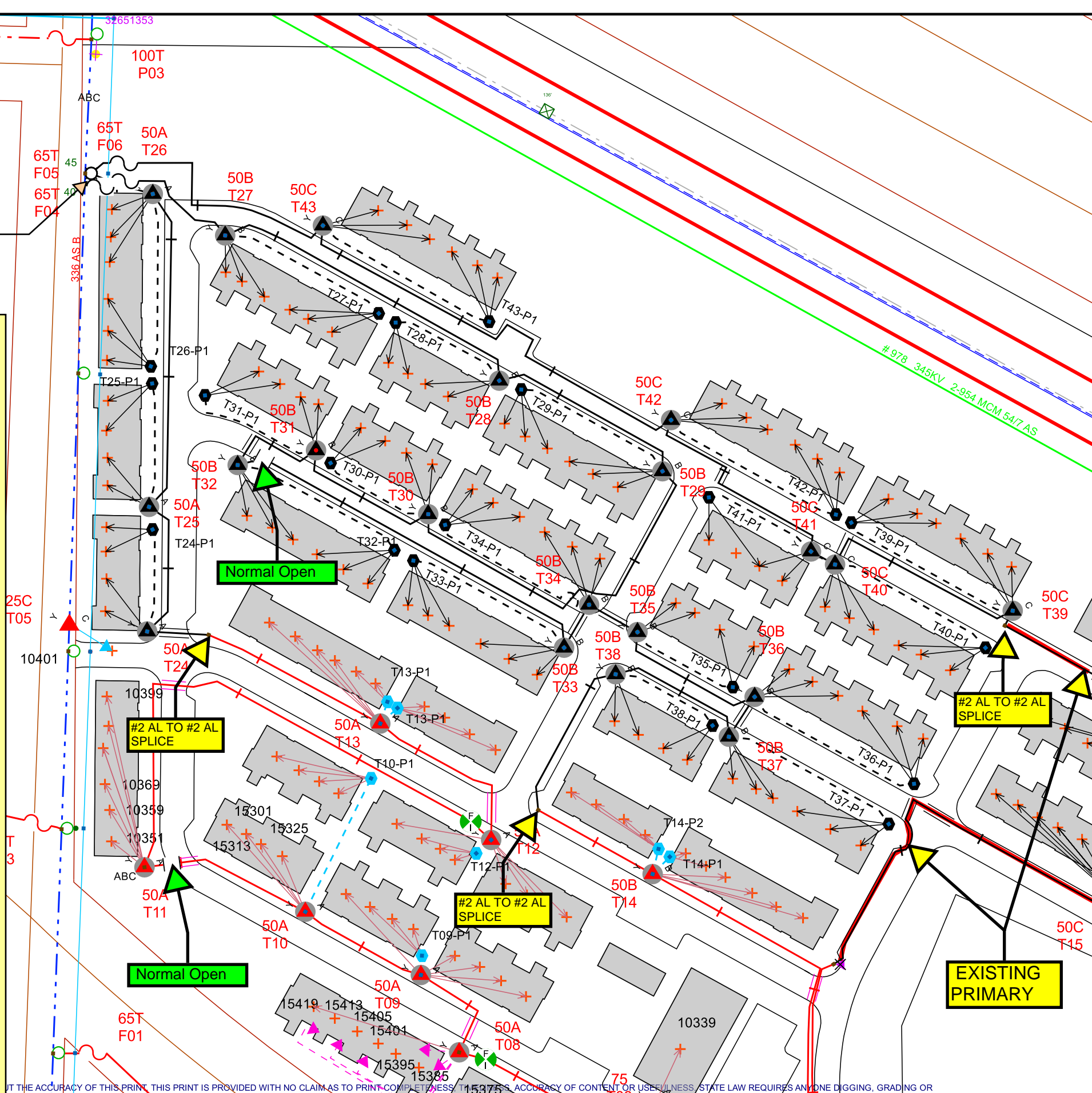
**FEEDER:** ECK322 (15KV BEHIND 35KV STEPDOWN)

**AVG SQ FT:** <2,500 SQ FT

**MAP BOUNDARY:** K51084

**LONGEST SVC RUN:** <250'

**UG MATERIALS**  
 50KVA XFRMR = 20  
 PEDESTAL = 20  
 #2AL PRIMARY = 4,695' FT  
 350AL = 3,666' FT



Work Order Information	
Service Request #	: 000013572428
Design Number	: 000001110584
Designer/Planner ID	: 302157
Designer/Planner Name	:
Designer/Planner Ph #	: (000) 000-0000
Manager Approval	:

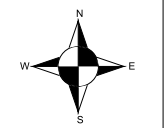
Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: Hennepin
City	: Maple Grove
Address	:
T: 119N R: 22W S: 4	
Map # : K51084	Permit :

Electric	
Feeder:	Voltage:
Phase:	Bkup Dev ID:

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

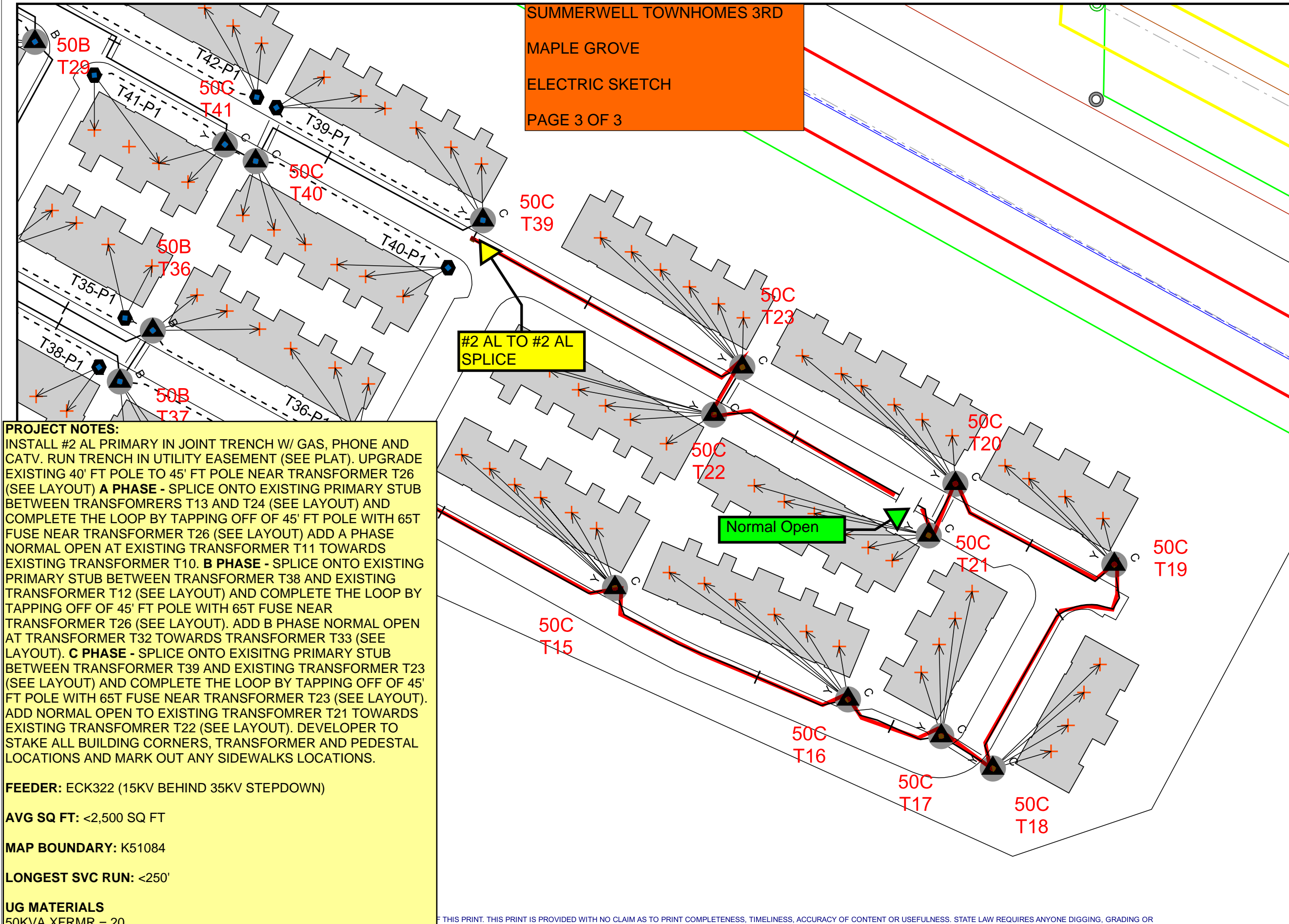
Work Order # :  
 Date: 05/04/2023  
 Sketch: # Of # Sketch Data  
 Scale: 1" equals 100'



**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 \_\_\_\_\_

AT THE ACCURACY OF THIS PRINT, THIS PRINT IS PROVIDED WITH NO CLAIM AS TO PRINT COMPLETENESS, ACCURACY OF CONTENT OR USEFULNESS. STATE LAW REQUIRES ANY ONE DIGGING, GRADING OR EXCAVATING TO OBTAIN A PRIOR FIELD LOCATE OF ALL UTILITIES. THIS PRINT DOES NOT DISCHARGE THIS REQUIREMENT OR ANY OTHER REQUIREMENT. THE COMPANY AND ITS AFFILIATES ASSUME NO LEGAL RESPONSIBILITY OR LIABILITY FOR THE RECIPIENT'S USE (OR ANY OTHER PARTIES' USE) OF THE PRINT, INCLUDING THE RECIPIENT'S INTENDED PURPOSE IN USING THE PRINT. NO COMPANY EMPLOYEE OR OTHER PARTY HAS BEEN AUTHORIZED TO PROVIDE THIS PRINT FOR PLANNING OR ESTIMATING PURPOSES; RELY ON THIS PRINT AT YOUR OWN RISK. BY ACCEPTING THIS PRINT, THE RECIPIENT & ANY OTHER PARTY RECEIVING A COPY OF THE PRINT ACKNOWLEDGES AND AGREES TO THIS DISCLAIMER. For All Field Locates Call 811



**PROJECT NOTES:**  
 INSTALL #2 AL PRIMARY IN JOINT TRENCH W/ GAS, PHONE AND CATV. RUN TRENCH IN UTILITY EASEMENT (SEE PLAT). UPGRADE EXISTING 40' FT POLE TO 45' FT POLE NEAR TRANSFORMER T26 (SEE LAYOUT) **A PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMERS T13 AND T24 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T26 (SEE LAYOUT) ADD A PHASE NORMAL OPEN AT EXISTING TRANSFORMER T11 TOWARDS EXISTING TRANSFORMER T10. **B PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMER T38 AND EXISTING TRANSFORMER T12 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T26 (SEE LAYOUT). ADD B PHASE NORMAL OPEN AT TRANSFORMER T32 TOWARDS TRANSFORMER T33 (SEE LAYOUT). **C PHASE** - SPLICE ONTO EXISTING PRIMARY STUB BETWEEN TRANSFORMER T39 AND EXISTING TRANSFORMER T23 (SEE LAYOUT) AND COMPLETE THE LOOP BY TAPPING OFF OF 45' FT POLE WITH 65T FUSE NEAR TRANSFORMER T23 (SEE LAYOUT). ADD NORMAL OPEN TO EXISTING TRANSFORMER T21 TOWARDS EXISTING TRANSFORMER T22 (SEE LAYOUT). DEVELOPER TO STAKE ALL BUILDING CORNERS, TRANSFORMER AND PEDESTAL LOCATIONS AND MARK OUT ANY SIDEWALKS LOCATIONS.

**FEEDER:** ECK322 (15KV BEHIND 35KV STEPDOWN)  
**AVG SQ FT:** <2,500 SQ FT  
**MAP BOUNDARY:** K51084  
**LONGEST SVC RUN:** <250'

**UG MATERIALS**  
 50KVA XFRMR = 20  
 PEDESTAL = 20  
 #2AL PRIMARY = 4,695' FT  
 350AL = 3,666' FT

Work Order Information	
Service Request #	: 000013572428
Design Number	: 000001110584
Designer/Planner ID	: 302157
Designer/Planner Name	:
Designer/Planner Ph #	: (000) 000-0000
Manager Approval	:

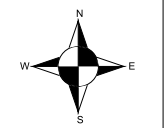
Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: Hennepin
City	: Maple Grove
Address	:
T: 119N	R: 22W S: 4
Map #	: K51084
Permit	:

Electric	
Feeder:	Voltage:
Phase:	Bkup Dev ID:

Gas	
System	: Pressure
Size	: Material
Dead End	:

Work Order # :  
 Date: 05/04/2023  
 Sketch: # Of # Sketch Data  
 Scale: 1" equals 67'



**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 \_\_\_\_\_

THIS PRINT IS PROVIDED WITH NO CLAIM AS TO PRINT COMPLETENESS, TIMELINESS, ACCURACY OF CONTENT OR USEFULNESS. STATE LAW REQUIRES ANYONE DIGGING, GRADING OR...  
 AUTHORIZED TO PROVIDE THIS PRINT FOR PLANNING OR ESTIMATING PURPOSES; RELY ON THIS PRINT AT YOUR OWN RISK. BY ACCEPTING THIS PRINT, THE RECIPIENT & ANY OTHER PARTY RECEIVING A COPY...  
 IN WHOLE, OR IN PART, NOR MAY ANY OF THE INFORMATION CONTAINED HEREIN BE DISCLOSED WITHOUT THE CONSENT OF XCEL ENERGY. CONFIDENTIALS AND PROPRIETARY INFORMATION © 2019 XCEL