

**EVANSWOOD 2ND  
MAPLE GROVE, MN  
STREETLIGHT LAYOUT  
WO#**

**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 REFER TO FINAL PLAT. RUN 350AL TO PEDS. FOR B PHASE TAP INTO T44 TO CONTINUE TO FEED THE DEVELOPMENT. FOR A PHASE SPLICE INTO EXISTING STUB ON PEONY LN N.

THE LOTS ON 103RD CIR N WILL BE 35KV FEEDER LEVEL AND WILL NEED TO RUN 1/0AL PRIMARY IN JOINT W/GAS, CATV, AND COMMS.

**FEEDER:** AVG SQ FT: 3,000'  
- ECK322 (35KV), AFTER STEP-DOWN (15KV)

**MAP BOUNDARY:** LONGEST SVC RUN: <250'  
-J51100  
-K51091

**UG MATERIALS (15KV)**  
50KVA (15KV) XFRMRS: 9  
PEDS: 15  
#2AL PRIMARY: 3,075'  
350AL SECONDARY: 2,400'

**UG MATERIAL (35KV)**  
50KVA (35KV) XFRMRS: 1  
1/0AL PRIMARY = 300'  
PED= 2  
350AL SEC = 250'

**OH MATERIALS**  
-1PH TP BUILD = 1

**STREETLIGHT MATERIAL:**  
18' FG DB POLE W/TREADIONAL LED FIXTURES = 8  
#6 AL DUPLX SEC WIRE = 850

**ALL THAT IS HIGHLIGHTED IN RED WAS INSTALLED IN THE FIRST PHASE.**

**STUB A PHASE FOR FUTURE DEVELOPMENT**

**STUB B PHASE FOR FUTURE DEVELOPMENT**

**L1B6-L5B6 OF THIS DEVELOPMENT WILL BE ON THE 35KV FEEDER.**

**OH INSTALL:**  
-1PH TP BUILD REF(L-21)  
\*NEW POLES ARE BEING INSTALLED BY LOCAL DESIGN.

**OH HIGHLIGHTED IN BLUE TO BE RELOCATED BY LOCAL DESIGNER. DUE TO WIDENING OF THE ROAD.**

**JOINT TRENCH DESIGNER**  
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**SERVICE DESIGNER:**  
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**TOWNHOME SECTION IS PART OF ANOTHER PROJECT TO BE INSTALLED AT A DIFFERENT DATE.**

**SPLICE #2AL TO #2AL**



Work Order Information	
Service Request #	: 000014018360
Design Number	: 000001140052
Designer/Planner ID	: 300284
Designer/Planner Name	:
Designer/Planner Ph #	:
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: 08/28/2023  
Sketch:  
Scale: 1" equals 173'



**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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