

**QUANTITIES:**  
 35KV 1/0 AL J FULL  
 PRIMARY = 2,160 LF  
 4/0 AWG = 2,480 LF  
 1/0 AWG = 2,050 LF  
 #6 AL DX SEC. = 230 LF  
 50KV TRANS = 5  
 PEDS = 5

**CAMBRIDGE PARK PHASE I  
 MAPLE GROVE, MN  
 ELECTRIC LAYOUT**

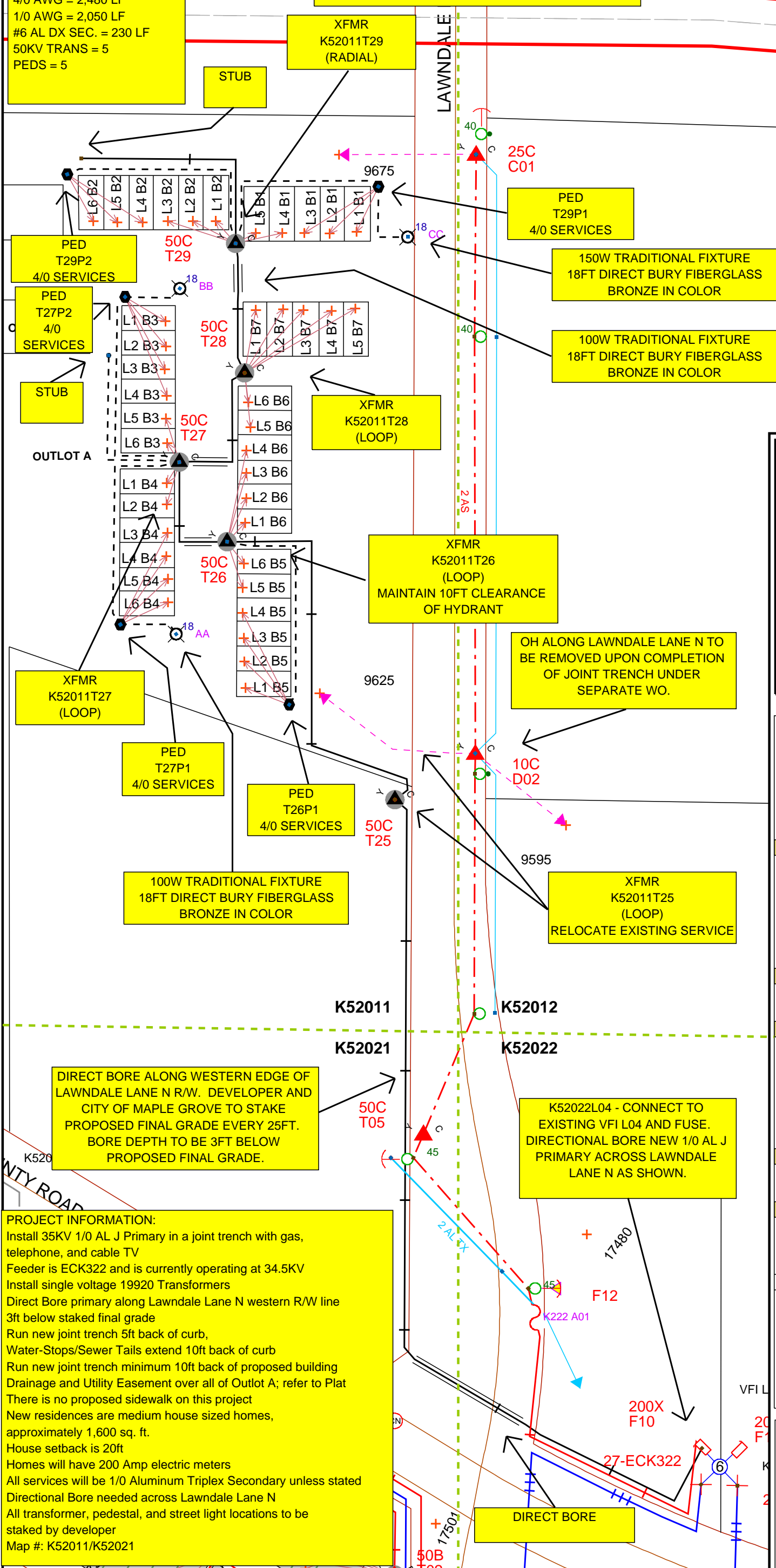
**XCEL ENERGY DESIGNER:**  
 Thomas Fakler  
 651-415-3876

**DEVELOPER:**  
 D.R. Horton, Inc.  
 Mike Suel  
 612-366-5355

**ENGINEER:**  
 WSB & Associates, Inc.  
 Eric Eckman  
 763-512-5257

**SERVICE DESIGNER:**  
 Lisa Manke  
 763-493-1674

**SPECIAL NOTE:**  
 ELECTRIC METERS WILL BE  
 LOCATED BACK OF NEW UNITS.  
 (NON-STREET SIDE)



**PED T29P1**  
 4/0 SERVICES

**150W TRADITIONAL FIXTURE**  
 18FT DIRECT BURY FIBERGLASS  
 BRONZE IN COLOR

**100W TRADITIONAL FIXTURE**  
 18FT DIRECT BURY FIBERGLASS  
 BRONZE IN COLOR

**XFMR K52011T28**  
 (LOOP)

**XFMR K52011T26**  
 (LOOP)  
 MAINTAIN 10FT CLEARANCE  
 OF HYDRANT

**OH ALONG LAWNDALE LANE N TO  
 BE REMOVED UPON COMPLETION  
 OF JOINT TRENCH UNDER  
 SEPARATE WO.**

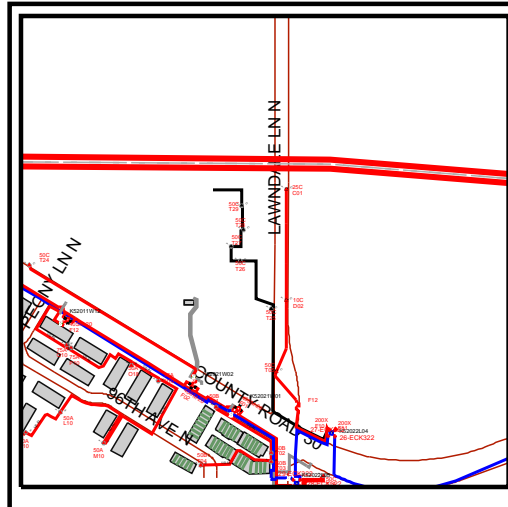
**XFMR K52011T25**  
 (LOOP)  
 RELOCATE EXISTING SERVICE

**100W TRADITIONAL FIXTURE**  
 18FT DIRECT BURY FIBERGLASS  
 BRONZE IN COLOR

**DIRECT BORE ALONG WESTERN EDGE OF  
 LAWNDALE LANE N R/W. DEVELOPER AND  
 CITY OF MAPLE GROVE TO STAKE  
 PROPOSED FINAL GRADE EVERY 25FT.  
 BORE DEPTH TO BE 3FT BELOW  
 PROPOSED FINAL GRADE.**

**K52022L04 - CONNECT TO  
 EXISTING VFI L04 AND FUSE.  
 DIRECTIONAL BORE NEW 1/0 AL J  
 PRIMARY ACROSS LAWNDALE  
 LANE N AS SHOWN.**

**PROJECT INFORMATION:**  
 Install 35KV 1/0 AL J Primary in a joint trench with gas,  
 telephone, and cable TV  
 Feeder is ECK322 and is currently operating at 34.5KV  
 Install single voltage 19920 Transformers  
 Direct Bore primary along Lawndale Lane N western R/W line  
 3ft below staked final grade  
 Run new joint trench 5ft back of curb,  
 Water-Stops/Sewer Tails extend 10ft back of curb  
 Run new joint trench minimum 10ft back of proposed building  
 Drainage and Utility Easement over all of Outlot A; refer to Plat  
 There is no proposed sidewalk on this project  
 New residences are medium house sized homes,  
 approximately 1,600 sq. ft.  
 House setback is 20ft  
 Homes will have 200 Amp electric meters  
 All services will be 1/0 Aluminum Triplex Secondary unless stated  
 Directional Bore needed across Lawndale Lane N  
 All transformer, pedestal, and street light locations to be  
 staked by developer  
 Map #: K52011/K52021



**TASK 1: JT INSTALLATION**  
**TASK 2: TERMINATION**

Work Order Information	
Service Request #	: 01344149
Design Number	: 000053704 1
Designer/Planner ID	: 223718
Designer/Planner Name	: Fakler, Thomas
Designer/Planner Ph #	: (651) 415-3876
Manager Approval	:

Joint Utility	
E: Xcel Energy	G: CenterPoint
T: Century Link	C: Comcast

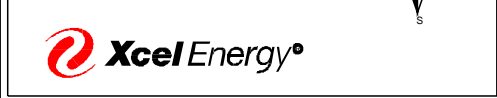
Design Location	
Division	: Maple Grove
County	: Hennepin
City	: Maple Grove
Address	: Cambridge Park Phase I
T: 119N	R: 22W S: 8
Map #	: K52012 Permit : City and County

Electric	
Feeder: ECK322	Voltage: 34.5/19.9
Phase: C	Bkup Dev ID: N/A

Gas	
System	: N/A Pressure : N/A
Size	: N/A Material : N/A
Dead End	: N/A

Work Order #: EU WO#12456701/ES WO#12456703

Date: 10/18/2016  
 Sketch: 1 Of 1 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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