

QUANTITIES:

35KV 1/0 AL J FULL PRIMARY = 2,955 LF

350 AL TX SEC. = 485 LF

4/0 AWG = 1,930 LF

#6 AL DX SEC. = 875 LF

50KV TRANS = 5

PEDS = 4

PROJECT INFORMATION:

Install 35KV 1/0 AL J Primary in a joint trench with gas, telephone, and cable TV Feeder is ECK321 and is currently operating at 34.5KV

Install single voltage 19920 Transformers

Run new joint trench in utility easement behind R/W,

Water-Stops/Sewer Tails are extended through to the back of the utility easement

R/W extends 14ft from centerline with utility easement 10ft wide behind R/W;

Refer to Plat

There is no proposed sidewalk on this project

New residences are large house sized homes, approximately 1,800 to 3,000 sq. ft.

House setback is 25ft

Homes will have 200 Amp electric meters

One Traditional 100W on 18ft Fiberglass Direct Bury; Bronze installed at Block 2 Lot 6/7

One Traditional 100W on 18ft Fiberglass Direct Bury; Bronze installed at Block 3 Lot 3

Three Traditional 100W on 18ft Fiberglass Direct Bury; Bronze installed at Outlot A

One Traditional 150W on 18 Fiberglass Direct Bury; Bronze installed at Block 2 Lot 1

All transformer, pedestal, and street light locations to be staked by developer

Map #: K52068

**MIRABEL
MAPLE GROVE, MN
ELECTRIC LAYOUT**

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

XFMR
K52068T43
(LOOP)

XFMR
K52068T45
(LOOP)

XFMR
K52068T44
(LOOP)

XFMR
K52068T47
(LOOP)

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

PEDESTAL
T44P2
IRRIGATION AND LIGHTING

SPLICE

PEDESTAL
T43P1

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

PEDESTAL
T44P1

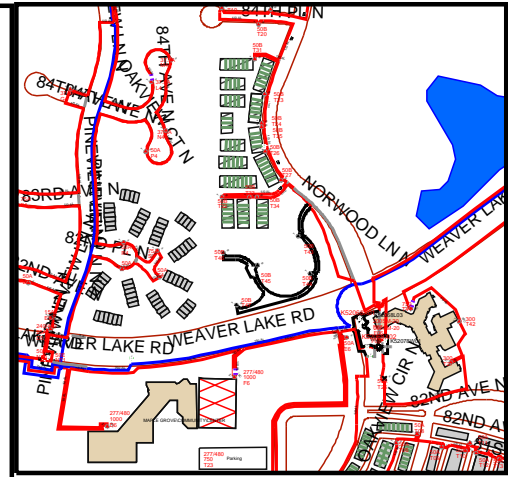
PLACE NORMAL OPEN AT K52068T27
IN THE DIRECTION OF K52068T26.
BOTH TRANSFORMERS ARE LOCATED
ALONG NORWOOD LANE N.

XCEL ENERGY DESIGNER:
Thomas Fakler
651-415-3876

DEVELOPER:
Pulte Homes
Chad Onsgard
612-369-2694

ENGINEER:
Alliant Engineering, Inc.
David Nash
612-758-3080

SERVICE DESIGNER:
Lisa Manke
763-493-1674



TASK 1: JT INSTALLATION
TASK 2: TERMINATION

Work Order Information	
Service Request #	: 01326489
Design Number	: 0000548070 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	: Mirabel
T: 119N	R: 22W S: 23
Map #	: K52068
Permit	: City of Maple Grove

Electric	
Feeder: ECK321	Voltage: 34.5/19.9
Phase: B	Bkup Dev ID: N/A

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

Work Order # : 12454165; ODL WO#12454167

Date: 10/07/2016

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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