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ENCLAVE AT DUNLAVIN WOODS MAPLE GROVE, MN ELECTRIC LAYOUT

QUANTITIES:

35KV - 1/0 AL J FULL PRIMARY = 2,635'

350 AL TX SEC. = 120'

4/0 AWG = 2,795'

#6 AL DX SEC. = 670'

50KV TRANS = 7

PEDS = 1



TASK 1 - JT INSTALLATION
TASK 2 - LOCAL TERMINATION
TASK 3 - RESTORATION

Work Order Information	
Service Request #	: 01291608
Design Number	: 0000534117 2
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	: Enclave at Dunlavin Woods
T: 119N	R: 22W S: 7
Map #	: J52010 Permit : City of Maple Grove

Electric	
Feeder: ECK322	Voltage: 34.5/19920
Phase: A	Bkup Dev ID: N/A

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

Work Order # : 12397078 ES WO #12397085

Date: 06/08/2016

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 _____

MAP KEY

J51099	J51100
J52009	J52010

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

Place Normal Open Point at XMFRJ52010T36 in the direction of XMFRJ52010T37

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 30' from centerline with utility easement 10' wide behind R/W - refer to Plat

There is a proposed sidewalk on the both sides of Walnut Grove LN and 100th PL N, sidewalk ends 1' inside of R/W and is 5' wide

New residences are medium custom sized homes, approximately 4,000 sq. ft.

House setback is 50'

Homes will have 200 Amp electric meters

Directional bore needed within 101st Avenue N R/W

One Traditional 150W on 18' Fiberglass Direct Bury - Bronze installed at Block 1 Lot 1

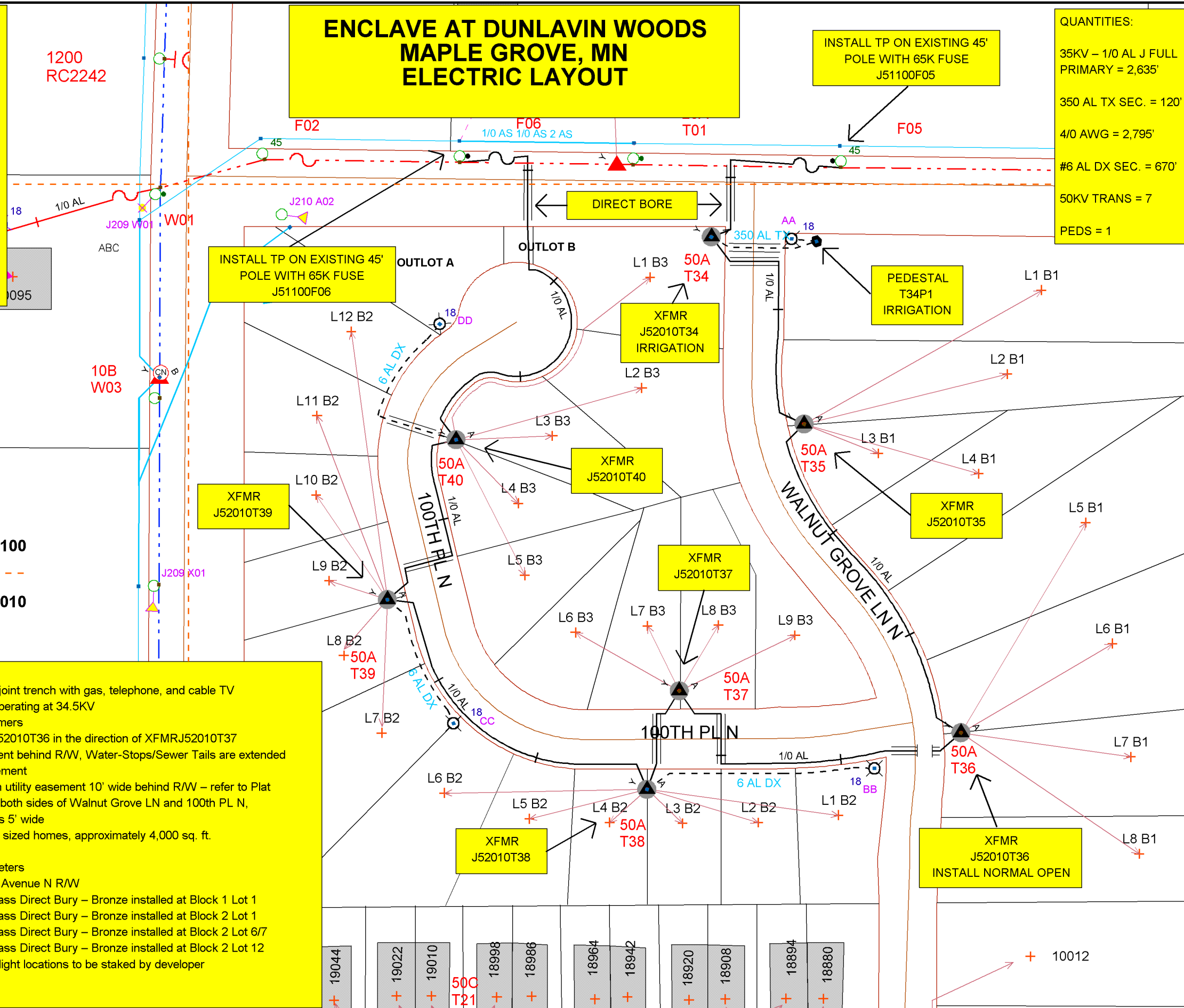
One Traditional 100W on 18' Fiberglass Direct Bury - Bronze installed at Block 2 Lot 1

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

One Traditional 100W on 18' Fiberglass Direct Bury - Bronze installed at Block 2 Lot 12

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

Map #: J52010



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