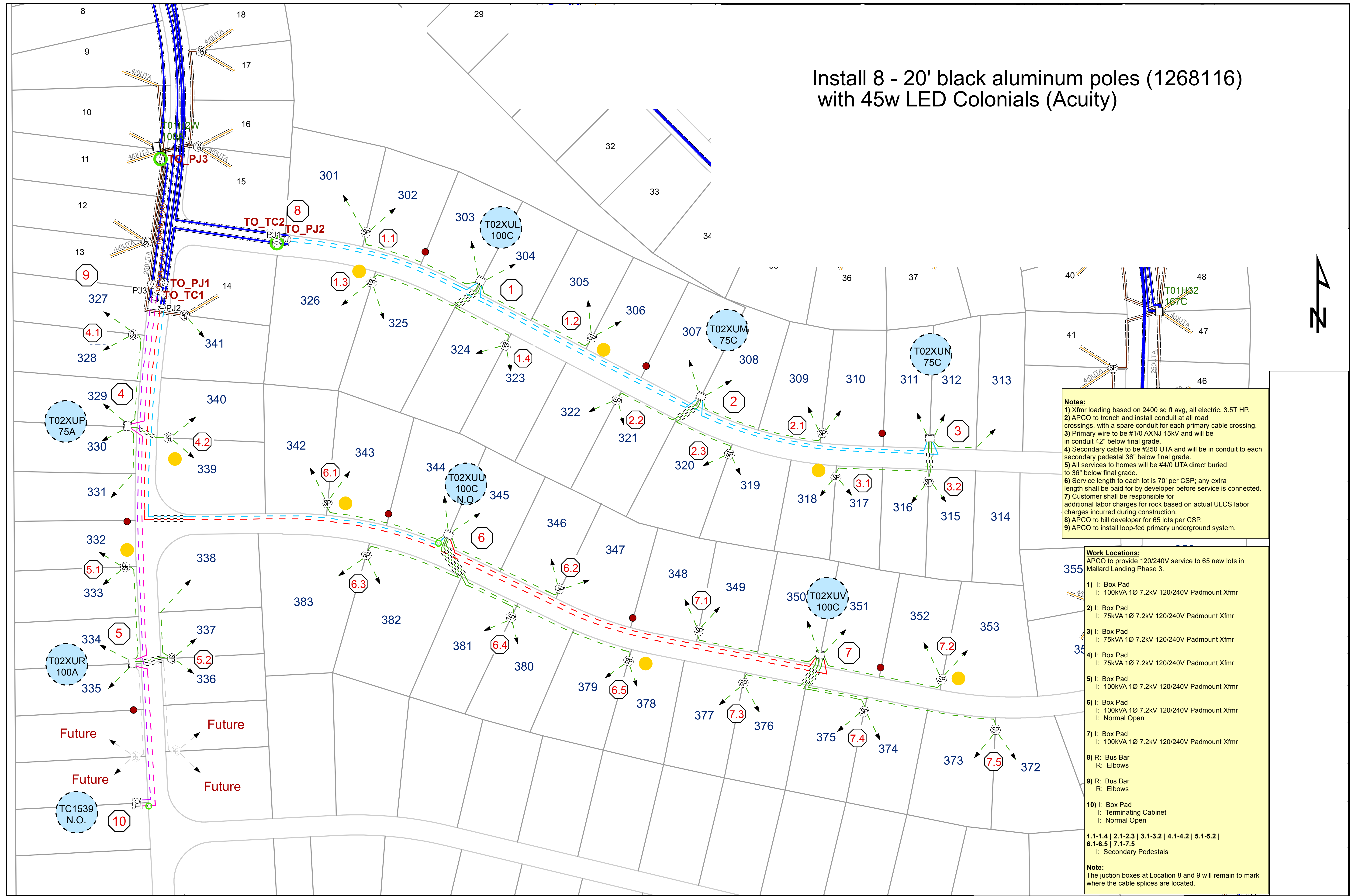


Install 8 - 20' black aluminum poles (1268116)  
with 45w LED Colonials (Acuity)



**Notes:**

- 1) Xfmr loading based on 2400 sq ft avg, all electric, 3.5T HP.
- 2) APCO to trench and install conduit at all road crossings, with a spare conduit for each primary cable crossing.
- 3) Primary wire to be #1/0 AXNJ 15kV and will be in conduit 42" below final grade.
- 4) Secondary cable to be #250 UTA and will be in conduit to each secondary pedestal 36" below final grade.
- 5) All services to homes will be #4/0 UTA direct buried to 36" below final grade.
- 6) Service length to each lot is 70' per CSP; any extra length shall be paid for by developer before service is connected.
- 7) Customer shall be responsible for additional labor charges for rock based on actual ULCS labor charges incurred during construction.
- 8) APCO to bill developer for 65 lots per CSP.
- 9) APCO to install loop-fed primary underground system.

**Work Locations:**  
APCO to provide 120/240V service to 65 new lots in Mallard Landing Phase 3.

- 1) I: Box Pad  
I: 100kVA 1Ø 7.2kV 120/240V Padmount Xfmr
- 2) I: Box Pad  
I: 75kVA 1Ø 7.2kV 120/240V Padmount Xfmr
- 3) I: Box Pad  
I: 75kVA 1Ø 7.2kV 120/240V Padmount Xfmr
- 4) I: Box Pad  
I: 75kVA 1Ø 7.2kV 120/240V Padmount Xfmr
- 5) I: Box Pad  
I: 100kVA 1Ø 7.2kV 120/240V Padmount Xfmr
- 6) I: Box Pad  
I: 100kVA 1Ø 7.2kV 120/240V Padmount Xfmr  
I: Normal Open
- 7) I: Box Pad  
I: 100kVA 1Ø 7.2kV 120/240V Padmount Xfmr
- 8) R: Bus Bar  
R: Elbows
- 9) R: Bus Bar  
R: Elbows
- 10) I: Box Pad  
I: Terminating Cabinet  
I: Normal Open

1.1-1.4 | 2.1-2.3 | 3.1-3.2 | 4.1-4.2 | 5.1-5.2 |  
6.1-6.5 | 7.1-7.5  
I: Secondary Pedestals

**Note:**  
The junction boxes at Location 8 and 9 will remain to mark where the cable splices are located.

<b>Customer</b> Mallard Landing PH 3 Division Birmingham	<b>Location</b> Smokey Rd District South - Varnons	<b>Cmtd. Svc Date</b> 10/31/22 <b>Town</b> Alabaster	<b>UserID</b> ehupy Cell: 205-226-1759	<b>County</b> Shelby	<b>Section</b> 25	<b>Township</b> 21S	<b>Range</b> 03W	<b>Created:</b> 9/6/2022	<b>1 inch = 58 feet</b>		<b>Estimate No.</b> <b>A6170-08-BK22</b>
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